

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	32.79	32.77	32.73	34.00	23.79	23.77	23.73	25.00
GPRS 1 Tx slot	32.82	32.78	32.75	34.00	23.82	23.78	23.75	25.00
GPRS 2 Tx slots	29.88	29.88	29.82	31.00	23.88	23.88	23.82	25.00
GPRS 3 Tx slots	28.13	28.12	28.08	29.20	23.87	23.86	23.82	24.94
GPRS 4 Tx slots	26.65	26.65	26.61	28.00	23.65	23.65	23.61	25.00
EDGE 1 Tx slot	26.89	26.98	26.95	28.00	17.89	17.98	17.95	19.00
EDGE 2 Tx slots	23.85	23.89	23.89	25.00	17.85	17.89	17.89	19.00
EDGE 3 Tx slots	22.39	22.34	22.34	23.20	18.13	18.08	18.08	18.94
EDGE 4 Tx slots	21.09	21.18	21.12	22.00	18.09	18.18	18.12	19.00

【GSM850_Ant 0_ECI1】

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	32.79	32.77	32.73	34.00	23.79	23.77	23.73	25.00
GPRS 1 Tx slot	32.82	32.78	32.75	34.00	23.82	23.78	23.75	25.00
GPRS 2 Tx slots	29.88	29.88	29.82	31.00	23.88	23.88	23.82	25.00
GPRS 3 Tx slots	28.13	28.12	28.08	29.20	23.87	23.86	23.82	24.94
GPRS 4 Tx slots	26.65	26.65	26.61	28.00	23.65	23.65	23.61	25.00
EDGE 1 Tx slot	26.89	26.98	26.95	28.00	17.89	17.98	17.95	19.00
EDGE 2 Tx slots	23.85	23.89	23.89	25.00	17.85	17.89	17.89	19.00
EDGE 3 Tx slots	22.39	22.34	22.34	23.20	18.13	18.08	18.08	18.94
EDGE 4 Tx slots	21.09	21.18	21.12	22.00	18.09	18.18	18.12	19.00

【GSM850_Ant 0_ECI3】

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	32.79	32.77	32.73	34.00	23.79	23.77	23.73	25.00
GPRS 1 Tx slot	32.82	32.78	32.75	34.00	23.82	23.78	23.75	25.00
GPRS 2 Tx slots	29.88	29.88	29.82	31.00	23.88	23.88	23.82	25.00
GPRS 3 Tx slots	28.13	28.12	28.08	29.20	23.87	23.86	23.82	24.94
GPRS 4 Tx slots	26.65	26.65	26.61	28.00	23.65	23.65	23.61	25.00
EDGE 1 Tx slot	26.89	26.98	26.95	28.00	17.89	17.98	17.95	19.00
EDGE 2 Tx slots	23.85	23.89	23.89	25.00	17.85	17.89	17.89	19.00
EDGE 3 Tx slots	22.39	22.34	22.34	23.20	18.13	18.08	18.08	18.94
EDGE 4 Tx slots	21.09	21.18	21.12	22.00	18.09	18.18	18.12	19.00

【GSM850_Ant 0_ECI4】

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	32.79	32.77	32.73	34.00	23.79	23.77	23.73	25.00
GPRS 1 Tx slot	32.82	32.78	32.75	34.00	23.82	23.78	23.75	25.00
GPRS 2 Tx slots	29.88	29.88	29.82	31.00	23.88	23.88	23.82	25.00
GPRS 3 Tx slots	28.13	28.12	28.08	29.20	23.87	23.86	23.82	24.94
GPRS 4 Tx slots	26.65	26.65	26.61	28.00	23.65	23.65	23.61	25.00
EDGE 1 Tx slot	26.89	26.98	26.95	28.00	17.89	17.98	17.95	19.00
EDGE 2 Tx slots	23.85	23.89	23.89	25.00	17.85	17.89	17.89	19.00
EDGE 3 Tx slots	22.39	22.34	22.34	23.20	18.13	18.08	18.08	18.94
EDGE 4 Tx slots	21.09	21.18	21.12	22.00	18.09	18.18	18.12	19.00

【GSM850_Ant 0_ECI5】

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	32.79	32.77	32.73	34.00	23.79	23.77	23.73	25.00
GPRS 1 Tx slot	32.82	32.78	32.75	34.00	23.82	23.78	23.75	25.00
GPRS 2 Tx slots	29.88	29.88	29.82	31.00	23.88	23.88	23.82	25.00
GPRS 3 Tx slots	28.13	28.12	28.08	29.20	23.87	23.86	23.82	24.94
GPRS 4 Tx slots	26.65	26.65	26.61	28.00	23.65	23.65	23.61	25.00
EDGE 1 Tx slot	26.89	26.98	26.95	28.00	17.89	17.98	17.95	19.00
EDGE 2 Tx slots	23.85	23.89	23.89	25.00	17.85	17.89	17.89	19.00
EDGE 3 Tx slots	22.39	22.34	22.34	23.20	18.13	18.08	18.08	18.94
EDGE 4 Tx slots	21.09	21.18	21.12	22.00	18.09	18.18	18.12	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	33.12	33.08	33.04	35.00	24.12	24.08	24.04	26.00
GPRS 1 Tx slot	33.15	33.09	33.07	35.00	24.15	24.09	24.07	26.00
GPRS 2 Tx slots	30.21	30.17	30.13	32.00	24.21	24.17	24.13	26.00
GPRS 3 Tx slots	28.46	28.43	28.38	30.20	24.20	24.17	24.12	25.94
GPRS 4 Tx slots	27.07	27.12	27.09	29.00	24.07	24.12	24.09	26.00
EDGE 1 Tx slot	26.98	27.08	27.14	29.00	17.98	18.08	18.14	20.00
EDGE 2 Tx slots	23.91	24.01	24.06	26.00	17.91	18.01	18.06	20.00
EDGE 3 Tx slots	22.41	22.50	22.58	24.20	18.15	18.24	18.32	19.94
EDGE 4 Tx slots	21.26	21.27	21.29	23.00	18.26	18.27	18.29	20.00

【GSM850_Ant 1_ECI1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.62	28.58	28.54	30.50	19.62	19.58	19.54	21.50
GPRS 1 Tx slot	28.65	28.59	28.57	30.50	19.65	19.59	19.57	21.50
GPRS 2 Tx slots	25.71	25.67	25.63	27.50	19.71	19.67	19.63	21.50
GPRS 3 Tx slots	23.96	23.93	23.88	25.70	19.70	19.67	19.62	21.44
GPRS 4 Tx slots	22.57	22.62	22.59	24.50	19.57	19.62	19.59	21.50
EDGE 1 Tx slot	26.98	27.08	27.14	29.00	17.98	18.08	18.14	20.00
EDGE 2 Tx slots	23.91	24.01	24.06	26.00	17.91	18.01	18.06	20.00
EDGE 3 Tx slots	22.41	22.50	22.58	24.20	18.15	18.24	18.32	19.94
EDGE 4 Tx slots	21.26	21.27	21.29	23.00	18.26	18.27	18.29	20.00

【GSM850_Ant 1_ECI3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.35	28.39	28.39	30.00	19.35	19.39	19.39	21.00
GPRS 1 Tx slot	28.39	28.42	28.29	30.00	19.39	19.42	19.29	21.00
GPRS 2 Tx slots	25.42	25.50	25.45	27.00	19.42	19.50	19.45	21.00
GPRS 3 Tx slots	23.82	23.78	23.73	25.20	19.56	19.52	19.47	20.94
GPRS 4 Tx slots	22.40	22.47	22.44	24.00	19.40	19.47	19.44	21.00
EDGE 1 Tx slot	26.98	27.08	27.14	29.00	17.98	18.08	18.14	20.00
EDGE 2 Tx slots	23.91	24.01	24.06	26.00	17.91	18.01	18.06	20.00
EDGE 3 Tx slots	22.41	22.50	22.58	24.20	18.15	18.24	18.32	19.94
EDGE 4 Tx slots	21.26	21.27	21.29	23.00	18.26	18.27	18.29	20.00

**【GSM850_Ant 1_ECI4】**

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	33.12	33.08	33.04	35.00	24.12	24.08	24.04	26.00
GPRS 1 Tx slot	33.15	33.09	33.07	35.00	24.15	24.09	24.07	26.00
GPRS 2 Tx slots	30.21	30.17	30.13	32.00	24.21	24.17	24.13	26.00
GPRS 3 Tx slots	28.46	28.43	28.38	30.20	24.20	24.17	24.12	25.94
GPRS 4 Tx slots	27.07	27.12	27.09	29.00	24.07	24.12	24.09	26.00
EDGE 1 Tx slot	26.98	27.08	27.14	29.00	17.98	18.08	18.14	20.00
EDGE 2 Tx slots	23.91	24.01	24.06	26.00	17.91	18.01	18.06	20.00
EDGE 3 Tx slots	22.41	22.50	22.58	24.20	18.15	18.24	18.32	19.94
EDGE 4 Tx slots	21.26	21.27	21.29	23.00	18.26	18.27	18.29	20.00

【GSM850_Ant 1_ECI5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.35	28.39	28.39	30.00	19.35	19.39	19.39	21.00
GPRS 1 Tx slot	28.39	28.42	28.29	30.00	19.39	19.42	19.29	21.00
GPRS 2 Tx slots	25.42	25.50	25.45	27.00	19.42	19.50	19.45	21.00
GPRS 3 Tx slots	23.82	23.78	23.73	25.20	19.56	19.52	19.47	20.94
GPRS 4 Tx slots	22.40	22.47	22.44	24.00	19.40	19.47	19.44	21.00
EDGE 1 Tx slot	26.98	27.08	27.14	29.00	17.98	18.08	18.14	20.00
EDGE 2 Tx slots	23.91	24.01	24.06	26.00	17.91	18.01	18.06	20.00
EDGE 3 Tx slots	22.41	22.50	22.58	24.20	18.15	18.24	18.32	19.94
EDGE 4 Tx slots	21.26	21.27	21.29	23.00	18.26	18.27	18.29	20.00

【GSM1900_Ant 2_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	29.86	30.02	30.16	31.00	20.86	21.02	21.16	22.00
GPRS 1 Tx slot	29.91	30.04	30.18	31.00	20.91	21.04	21.18	22.00
GPRS 2 Tx slots	26.98	27.14	27.29	28.00	20.98	21.14	21.29	22.00
GPRS 3 Tx slots	25.26	25.42	25.57	26.20	21.00	21.16	21.31	21.94
GPRS 4 Tx slots	23.87	24.17	24.15	25.00	20.87	21.17	21.15	22.00
EDGE 1 Tx slot	26.38	26.47	26.75	27.00	17.38	17.47	17.75	18.00
EDGE 2 Tx slots	23.78	23.79	23.84	24.00	17.78	17.79	17.84	18.00
EDGE 3 Tx slots	21.76	21.77	22.09	22.20	17.50	17.51	17.83	17.94
EDGE 4 Tx slots	20.86	20.95	20.95	21.00	17.86	17.95	17.95	18.00

【GSM1900_Ant 2_ECI1】

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	26.41	26.45	26.63	27.50	17.41	17.45	17.63	18.50
GPRS 1 Tx slot	26.44	26.48	26.66	27.50	17.44	17.48	17.66	18.50
GPRS 2 Tx slots	23.43	23.68	23.75	24.50	17.43	17.68	17.75	18.50
GPRS 3 Tx slots	21.83	21.88	22.13	22.70	17.57	17.62	17.87	18.44
GPRS 4 Tx slots	20.32	20.71	20.57	21.50	17.32	17.71	17.57	18.50
EDGE 1 Tx slot	26.38	26.47	26.75	27.00	17.38	17.47	17.75	18.00
EDGE 2 Tx slots	23.78	23.79	23.84	24.00	17.78	17.79	17.84	18.00
EDGE 3 Tx slots	21.76	21.77	22.09	22.20	17.50	17.51	17.83	17.94
EDGE 4 Tx slots	20.86	20.95	20.95	21.00	17.86	17.95	17.95	18.00

【GSM1900_Ant 2_ECI3】

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	28.18	28.44	28.61	29.50	19.18	19.44	19.61	20.50
GPRS 1 Tx slot	28.33	28.42	28.65	29.50	19.33	19.42	19.65	20.50
GPRS 2 Tx slots	25.39	25.49	25.69	26.50	19.39	19.49	19.69	20.50
GPRS 3 Tx slots	23.58	23.85	23.90	24.70	19.32	19.59	19.64	20.44
GPRS 4 Tx slots	22.58	22.62	22.55	23.50	19.58	19.62	19.55	20.50
EDGE 1 Tx slot	26.38	26.47	26.75	27.00	17.38	17.47	17.75	18.00
EDGE 2 Tx slots	23.78	23.79	23.84	24.00	17.78	17.79	17.84	18.00
EDGE 3 Tx slots	21.76	21.77	22.09	22.20	17.50	17.51	17.83	17.94
EDGE 4 Tx slots	20.86	20.95	20.95	21.00	17.86	17.95	17.95	18.00

【GSM1900_Ant 2_ECI4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.86	30.02	30.16	31.00	20.86	21.02	21.16	22.00
GPRS 1 Tx slot	29.91	30.04	30.18	31.00	20.91	21.04	21.18	22.00
GPRS 2 Tx slots	26.98	27.14	27.29	28.00	20.98	21.14	21.29	22.00
GPRS 3 Tx slots	25.26	25.42	25.57	26.20	21.00	21.16	21.31	21.94
GPRS 4 Tx slots	23.87	24.17	24.15	25.00	20.87	21.17	21.15	22.00
EDGE 1 Tx slot	26.38	26.47	26.75	27.00	17.38	17.47	17.75	18.00
EDGE 2 Tx slots	23.78	23.79	23.84	24.00	17.78	17.79	17.84	18.00
EDGE 3 Tx slots	21.76	21.77	22.09	22.20	17.50	17.51	17.83	17.94
EDGE 4 Tx slots	20.86	20.95	20.95	21.00	17.86	17.95	17.95	18.00

【GSM1900_Ant 2_ECI5】

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	26.41	26.45	26.63	27.50	17.41	17.45	17.63	18.50
GPRS 1 Tx slot	26.44	26.48	26.66	27.50	17.44	17.48	17.66	18.50
GPRS 2 Tx slots	23.43	23.68	23.75	24.50	17.43	17.68	17.75	18.50
GPRS 3 Tx slots	21.83	21.88	22.13	22.70	17.57	17.62	17.87	18.44
GPRS 4 Tx slots	20.32	20.71	20.57	21.50	17.32	17.71	17.57	18.50
EDGE 1 Tx slot	26.38	26.47	26.75	27.00	17.38	17.47	17.75	18.00
EDGE 2 Tx slots	23.78	23.79	23.84	24.00	17.78	17.79	17.84	18.00
EDGE 3 Tx slots	21.76	21.77	22.09	22.20	17.50	17.51	17.83	17.94
EDGE 4 Tx slots	20.86	20.95	20.95	21.00	17.86	17.95	17.95	18.00

【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	29.72	29.69	29.63	31.00	20.72	20.69	20.63	22.00
GPRS 1 Tx slot	29.77	29.71	29.65	31.00	20.77	20.71	20.65	22.00
GPRS 2 Tx slots	26.86	26.80	26.78	28.00	20.86	20.80	20.78	22.00
GPRS 3 Tx slots	25.15	25.09	25.06	26.20	20.89	20.83	20.80	21.94
GPRS 4 Tx slots	23.76	23.78	23.76	25.00	20.76	20.78	20.76	22.00
EDGE 1 Tx slot	26.45	26.32	26.38	27.00	17.45	17.32	17.38	18.00
EDGE 2 Tx slots	23.81	23.70	23.58	24.00	17.81	17.70	17.58	18.00
EDGE 3 Tx slots	21.84	21.63	21.62	22.20	17.58	17.37	17.36	17.94
EDGE 4 Tx slots	20.78	20.68	20.59	21.00	17.78	17.68	17.59	18.00

**【GSM1900_Ant 4_ECI1】**

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.72	29.69	29.63	31.00	20.72	20.69	20.63	22.00
GPRS 1 Tx slot	29.77	29.71	29.65	31.00	20.77	20.71	20.65	22.00
GPRS 2 Tx slots	26.86	26.80	26.78	28.00	20.86	20.80	20.78	22.00
GPRS 3 Tx slots	25.15	25.09	25.06	26.20	20.89	20.83	20.80	21.94
GPRS 4 Tx slots	23.76	23.78	23.76	25.00	20.76	20.78	20.76	22.00
EDGE 1 Tx slot	26.45	26.32	26.38	27.00	17.45	17.32	17.38	18.00
EDGE 2 Tx slots	23.81	23.70	23.58	24.00	17.81	17.70	17.58	18.00
EDGE 3 Tx slots	21.84	21.63	21.62	22.20	17.58	17.37	17.36	17.94
EDGE 4 Tx slots	20.78	20.68	20.59	21.00	17.78	17.68	17.59	18.00

【GSM1900_Ant 4_ECI3】

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	28.66	28.68	28.68	30.00	19.66	19.68	19.68	21.00
GPRS 1 Tx slot	28.75	28.70	28.65	30.00	19.75	19.70	19.65	21.00
GPRS 2 Tx slots	25.94	25.85	25.79	27.00	19.94	19.85	19.79	21.00
GPRS 3 Tx slots	24.08	24.04	24.05	25.20	19.82	19.78	19.79	20.94
GPRS 4 Tx slots	22.74	22.79	22.78	24.00	19.74	19.79	19.78	21.00
EDGE 1 Tx slot	26.45	26.32	26.38	27.00	17.45	17.32	17.38	18.00
EDGE 2 Tx slots	23.81	23.70	23.58	24.00	17.81	17.70	17.58	18.00
EDGE 3 Tx slots	21.84	21.63	21.62	22.20	17.58	17.37	17.36	17.94
EDGE 4 Tx slots	20.78	20.68	20.59	21.00	17.78	17.68	17.59	18.00

【GSM1900_Ant 4_ECI4】

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	28.66	28.68	28.68	30.00	19.66	19.68	19.68	21.00
GPRS 1 Tx slot	28.75	28.70	28.65	30.00	19.75	19.70	19.65	21.00
GPRS 2 Tx slots	25.94	25.85	25.79	27.00	19.94	19.85	19.79	21.00
GPRS 3 Tx slots	24.08	24.04	24.05	25.20	19.82	19.78	19.79	20.94
GPRS 4 Tx slots	22.74	22.79	22.78	24.00	19.74	19.79	19.78	21.00
EDGE 1 Tx slot	26.45	26.32	26.38	27.00	17.45	17.32	17.38	18.00
EDGE 2 Tx slots	23.81	23.70	23.58	24.00	17.81	17.70	17.58	18.00
EDGE 3 Tx slots	21.84	21.63	21.62	22.20	17.58	17.37	17.36	17.94
EDGE 4 Tx slots	20.78	20.68	20.59	21.00	17.78	17.68	17.59	18.00

【GSM1900_Ant 4_ECI5】

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	28.66	28.68	28.68	30.00	19.66	19.68	19.68	21.00
GPRS 1 Tx slot	28.75	28.70	28.65	30.00	19.75	19.70	19.65	21.00
GPRS 2 Tx slots	25.94	25.85	25.79	27.00	19.94	19.85	19.79	21.00
GPRS 3 Tx slots	24.08	24.04	24.05	25.20	19.82	19.78	19.79	20.94
GPRS 4 Tx slots	22.74	22.79	22.78	24.00	19.74	19.79	19.78	21.00
EDGE 1 Tx slot	26.45	26.32	26.38	27.00	17.45	17.32	17.38	18.00
EDGE 2 Tx slots	23.81	23.70	23.58	24.00	17.81	17.70	17.58	18.00
EDGE 3 Tx slots	21.84	21.63	21.62	22.20	17.58	17.37	17.36	17.94
EDGE 4 Tx slots	20.78	20.68	20.59	21.00	17.78	17.68	17.59	18.00

**<WCDMA Conducted Power>**

【WCDMA II_Ant 2_Default】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.92	24.01	23.97	25.00
3GPP Rel 99	RMC 12.2Kbps	23.92	24.04	23.99	25.00
3GPP Rel 6	HSDPA Subtest-1	23.00	23.09	23.05	24.00
3GPP Rel 6	HSDPA Subtest-2	23.01	23.05	22.93	24.00
3GPP Rel 6	HSDPA Subtest-3	22.52	22.53	22.52	23.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.52	22.47	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.98	23.02	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.88	23.00	22.87	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.49	22.42	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.45	22.40	23.50
3GPP Rel 6	HSUPA Subtest-1	22.85	22.96	22.92	24.00
3GPP Rel 6	HSUPA Subtest-2	21.01	21.02	21.03	22.00
3GPP Rel 6	HSUPA Subtest-3	22.08	22.09	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	20.98	20.95	20.89	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.06	22.95	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.56	20.67	20.60	21.50

【WCDMA II_Ant 2_EC11】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	16.40	16.46	16.38	17.50
3GPP Rel 99	RMC 12.2Kbps	16.44	16.48	16.45	17.50
3GPP Rel 6	HSDPA Subtest-1	15.35	15.52	15.43	16.50
3GPP Rel 6	HSDPA Subtest-2	15.30	15.47	15.28	16.50
3GPP Rel 6	HSDPA Subtest-3	14.90	15.02	14.92	16.00
3GPP Rel 6	HSDPA Subtest-4	14.81	14.98	14.82	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.28	15.46	15.35	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.26	15.42	15.20	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.89	14.99	14.80	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.84	14.96	14.84	16.00
3GPP Rel 6	HSUPA Subtest-1	15.37	15.48	15.26	16.50
3GPP Rel 6	HSUPA Subtest-2	13.45	13.53	13.41	14.50
3GPP Rel 6	HSUPA Subtest-3	14.38	14.55	14.40	15.50
3GPP Rel 6	HSUPA Subtest-4	13.36	13.47	13.30	14.50
3GPP Rel 6	HSUPA Subtest-5	15.33	15.45	15.35	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.88	12.98	12.81	14.00

【WCDMA II_Ant 2_EC13】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.46	18.49	18.43	19.50
3GPP Rel 99	RMC 12.2Kbps	18.51	18.55	18.53	19.50
3GPP Rel 6	HSDPA Subtest-1	17.48	17.62	17.49	18.50
3GPP Rel 6	HSDPA Subtest-2	17.39	17.55	17.45	18.50
3GPP Rel 6	HSDPA Subtest-3	16.98	16.98	16.99	18.00
3GPP Rel 6	HSDPA Subtest-4	16.85	17.11	16.94	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.38	17.59	17.44	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.35	17.60	17.36	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.87	17.11	16.92	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.93	16.99	16.98	18.00
3GPP Rel 6	HSUPA Subtest-1	17.39	17.52	17.43	18.50
3GPP Rel 6	HSUPA Subtest-2	15.41	15.57	15.44	16.50
3GPP Rel 6	HSUPA Subtest-3	16.44	16.47	16.35	17.50
3GPP Rel 6	HSUPA Subtest-4	15.48	15.61	15.36	16.50
3GPP Rel 6	HSUPA Subtest-5	17.45	17.62	17.39	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.89	15.02	14.91	16.00

**【WCDMA II_Ant 2_ECI4】**

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.92	24.01	23.97	25.00
3GPP Rel 99	RMC 12.2Kbps	23.92	24.04	23.99	25.00
3GPP Rel 6	HSDPA Subtest-1	23.00	23.09	23.05	24.00
3GPP Rel 6	HSDPA Subtest-2	23.01	23.05	22.93	24.00
3GPP Rel 6	HSDPA Subtest-3	22.52	22.53	22.52	23.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.52	22.47	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.98	23.02	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.88	23.00	22.87	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.49	22.42	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.45	22.40	23.50
3GPP Rel 6	HSUPA Subtest-1	22.85	22.96	22.92	24.00
3GPP Rel 6	HSUPA Subtest-2	21.01	21.02	21.03	22.00
3GPP Rel 6	HSUPA Subtest-3	22.08	22.09	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	20.98	20.95	20.89	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.06	22.95	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.56	20.67	20.60	21.50

【WCDMA II_Ant 2_ECI5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	16.40	16.46	16.38	17.50
3GPP Rel 99	RMC 12.2Kbps	16.44	16.48	16.45	17.50
3GPP Rel 6	HSDPA Subtest-1	15.35	15.52	15.43	16.50
3GPP Rel 6	HSDPA Subtest-2	15.30	15.47	15.28	16.50
3GPP Rel 6	HSDPA Subtest-3	14.90	15.02	14.92	16.00
3GPP Rel 6	HSDPA Subtest-4	14.81	14.98	14.82	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.28	15.46	15.35	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.26	15.42	15.20	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.89	14.99	14.80	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.84	14.96	14.84	16.00
3GPP Rel 6	HSUPA Subtest-1	15.37	15.48	15.26	16.50
3GPP Rel 6	HSUPA Subtest-2	13.45	13.53	13.41	14.50
3GPP Rel 6	HSUPA Subtest-3	14.38	14.55	14.40	15.50
3GPP Rel 6	HSUPA Subtest-4	13.36	13.47	13.30	14.50
3GPP Rel 6	HSUPA Subtest-5	15.33	15.45	15.35	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.88	12.98	12.81	14.00

【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	23.39	23.57	23.42	25.00
3GPP Rel 99	RMC 12.2Kbps	23.43	23.65	23.59	25.00
3GPP Rel 6	HSDPA Subtest-1	22.47	22.54	22.51	24.00
3GPP Rel 6	HSDPA Subtest-2	22.51	22.53	22.49	24.00
3GPP Rel 6	HSDPA Subtest-3	21.95	22.11	22.00	23.50
3GPP Rel 6	HSDPA Subtest-4	21.91	21.96	21.98	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.50	22.49	22.52	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.41	22.50	22.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.87	22.02	21.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.86	21.90	21.93	23.50
3GPP Rel 6	HSUPA Subtest-1	22.36	22.40	22.41	24.00
3GPP Rel 6	HSUPA Subtest-2	20.43	20.57	20.54	22.00
3GPP Rel 6	HSUPA Subtest-3	21.55	21.60	21.60	23.00
3GPP Rel 6	HSUPA Subtest-4	20.39	20.50	20.47	22.00
3GPP Rel 6	HSUPA Subtest-5	22.38	22.55	22.41	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.99	20.15	20.06	21.50



【WCDMA II_Ant 4_ECI1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.39	23.57	23.42	25.00
3GPP Rel 99	RMC 12.2Kbps	23.43	23.65	23.59	25.00
3GPP Rel 6	HSDPA Subtest-1	22.47	22.54	22.51	24.00
3GPP Rel 6	HSDPA Subtest-2	22.51	22.53	22.49	24.00
3GPP Rel 6	HSDPA Subtest-3	21.95	22.11	22.00	23.50
3GPP Rel 6	HSDPA Subtest-4	21.91	21.96	21.98	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.50	22.49	22.52	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.41	22.50	22.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.87	22.02	21.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.86	21.90	21.93	23.50
3GPP Rel 6	HSUPA Subtest-1	22.36	22.40	22.41	24.00
3GPP Rel 6	HSUPA Subtest-2	20.43	20.57	20.54	22.00
3GPP Rel 6	HSUPA Subtest-3	21.55	21.60	21.60	23.00
3GPP Rel 6	HSUPA Subtest-4	20.39	20.50	20.47	22.00
3GPP Rel 6	HSUPA Subtest-5	22.38	22.55	22.41	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.99	20.15	20.06	21.50

【WCDMA II_Ant 4_ECI3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.55	19.58	19.53	21.00
3GPP Rel 99	RMC 12.2Kbps	19.62	19.65	19.61	21.00
3GPP Rel 6	HSDPA Subtest-1	18.47	18.61	18.44	20.00
3GPP Rel 6	HSDPA Subtest-2	18.56	18.67	18.56	20.00
3GPP Rel 6	HSDPA Subtest-3	18.02	18.18	18.07	19.50
3GPP Rel 6	HSDPA Subtest-4	18.08	18.12	17.95	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.49	18.58	18.48	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.52	18.68	18.50	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.01	18.22	18.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.04	18.17	17.95	19.50
3GPP Rel 6	HSUPA Subtest-1	18.55	18.64	18.55	20.00
3GPP Rel 6	HSUPA Subtest-2	16.52	16.58	16.42	18.00
3GPP Rel 6	HSUPA Subtest-3	17.53	17.59	17.57	19.00
3GPP Rel 6	HSUPA Subtest-4	16.54	16.71	16.57	18.00
3GPP Rel 6	HSUPA Subtest-5	18.52	18.59	18.49	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.94	16.22	16.00	17.50

【WCDMA II_Ant 4_ECI4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.55	19.58	19.53	21.00
3GPP Rel 99	RMC 12.2Kbps	19.62	19.65	19.61	21.00
3GPP Rel 6	HSDPA Subtest-1	18.47	18.61	18.44	20.00
3GPP Rel 6	HSDPA Subtest-2	18.56	18.67	18.56	20.00
3GPP Rel 6	HSDPA Subtest-3	18.02	18.18	18.07	19.50
3GPP Rel 6	HSDPA Subtest-4	18.08	18.12	17.95	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.49	18.58	18.48	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.52	18.68	18.50	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.01	18.22	18.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.04	18.17	17.95	19.50
3GPP Rel 6	HSUPA Subtest-1	18.55	18.64	18.55	20.00
3GPP Rel 6	HSUPA Subtest-2	16.52	16.58	16.42	18.00
3GPP Rel 6	HSUPA Subtest-3	17.53	17.59	17.57	19.00
3GPP Rel 6	HSUPA Subtest-4	16.54	16.71	16.57	18.00
3GPP Rel 6	HSUPA Subtest-5	18.52	18.59	18.49	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.94	16.22	16.00	17.50



【WCDMA II_Ant 4_ECI5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.55	19.58	19.53	21.00
3GPP Rel 99	RMC 12.2Kbps	19.62	19.65	19.61	21.00
3GPP Rel 6	HSDPA Subtest-1	18.47	18.61	18.44	20.00
3GPP Rel 6	HSDPA Subtest-2	18.56	18.67	18.56	20.00
3GPP Rel 6	HSDPA Subtest-3	18.02	18.18	18.07	19.50
3GPP Rel 6	HSDPA Subtest-4	18.08	18.12	17.95	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.49	18.58	18.48	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.52	18.68	18.50	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.01	18.22	18.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.04	18.17	17.95	19.50
3GPP Rel 6	HSUPA Subtest-1	18.55	18.64	18.55	20.00
3GPP Rel 6	HSUPA Subtest-2	16.52	16.58	16.42	18.00
3GPP Rel 6	HSUPA Subtest-3	17.53	17.59	17.57	19.00
3GPP Rel 6	HSUPA Subtest-4	16.54	16.71	16.57	18.00
3GPP Rel 6	HSUPA Subtest-5	18.52	18.59	18.49	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.94	16.22	16.00	17.50

【WCDMA IV_Ant 2_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.59	23.77	23.67	25.00
3GPP Rel 99	RMC 12.2Kbps	23.78	23.79	23.74	25.00
3GPP Rel 6	HSDPA Subtest-1	22.74	22.75	22.79	24.00
3GPP Rel 6	HSDPA Subtest-2	22.71	22.69	22.62	24.00
3GPP Rel 6	HSDPA Subtest-3	22.16	22.29	22.19	23.50
3GPP Rel 6	HSDPA Subtest-4	22.08	22.21	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.66	22.67	22.73	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.62	22.69	22.59	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.22	22.14	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.00	22.15	22.13	23.50
3GPP Rel 6	HSUPA Subtest-1	22.57	22.59	22.67	24.00
3GPP Rel 6	HSUPA Subtest-2	20.68	20.77	20.69	22.00
3GPP Rel 6	HSUPA Subtest-3	21.78	21.86	21.83	23.00
3GPP Rel 6	HSUPA Subtest-4	20.68	20.71	20.62	22.00
3GPP Rel 6	HSUPA Subtest-5	22.54	22.69	22.66	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.20	20.34	20.28	21.50

【WCDMA IV_Ant 2_ECI1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.87	16.89	16.82	18.00
3GPP Rel 99	RMC 12.2Kbps	16.93	16.95	16.85	18.00
3GPP Rel 6	HSDPA Subtest-1	15.78	15.83	15.70	17.00
3GPP Rel 6	HSDPA Subtest-2	15.65	15.80	15.70	17.00
3GPP Rel 6	HSDPA Subtest-3	15.22	15.33	15.12	16.50
3GPP Rel 6	HSDPA Subtest-4	15.20	15.29	15.15	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.69	15.78	15.58	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.69	15.75	15.54	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.17	15.31	15.17	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.13	15.25	15.15	16.50
3GPP Rel 6	HSUPA Subtest-1	15.70	15.76	15.60	17.00
3GPP Rel 6	HSUPA Subtest-2	13.67	13.72	13.60	15.00
3GPP Rel 6	HSUPA Subtest-3	14.66	14.78	14.66	16.00
3GPP Rel 6	HSUPA Subtest-4	13.63	13.69	13.57	15.00
3GPP Rel 6	HSUPA Subtest-5	15.66	15.73	15.55	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.19	13.33	13.15	14.50

**【WCDMA IV_Ant 2_ECI3】**

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.39	18.43	18.36	19.50
3GPP Rel 99	RMC 12.2Kbps	18.55	18.57	18.56	19.50
3GPP Rel 6	HSDPA Subtest-1	17.19	17.33	17.29	18.50
3GPP Rel 6	HSDPA Subtest-2	17.24	17.38	17.19	18.50
3GPP Rel 6	HSDPA Subtest-3	16.69	16.81	16.79	18.00
3GPP Rel 6	HSDPA Subtest-4	16.65	16.90	16.69	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.16	17.33	17.20	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.19	17.32	17.17	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.75	16.77	16.76	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.78	16.78	16.70	18.00
3GPP Rel 6	HSUPA Subtest-1	17.25	17.41	17.27	18.50
3GPP Rel 6	HSUPA Subtest-2	15.26	15.32	15.19	16.50
3GPP Rel 6	HSUPA Subtest-3	16.18	16.35	16.19	17.50
3GPP Rel 6	HSUPA Subtest-4	15.23	15.38	15.27	16.50
3GPP Rel 6	HSUPA Subtest-5	17.19	17.33	17.29	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.66	14.85	14.65	16.00

【WCDMA IV_Ant 2_ECI4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.59	23.77	23.67	25.00
3GPP Rel 99	RMC 12.2Kbps	23.78	23.79	23.74	25.00
3GPP Rel 6	HSDPA Subtest-1	22.74	22.75	22.79	24.00
3GPP Rel 6	HSDPA Subtest-2	22.71	22.69	22.62	24.00
3GPP Rel 6	HSDPA Subtest-3	22.16	22.29	22.19	23.50
3GPP Rel 6	HSDPA Subtest-4	22.08	22.21	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.66	22.67	22.73	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.62	22.69	22.59	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.22	22.14	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.00	22.15	22.13	23.50
3GPP Rel 6	HSUPA Subtest-1	22.57	22.59	22.67	24.00
3GPP Rel 6	HSUPA Subtest-2	20.68	20.77	20.69	22.00
3GPP Rel 6	HSUPA Subtest-3	21.78	21.86	21.83	23.00
3GPP Rel 6	HSUPA Subtest-4	20.68	20.71	20.62	22.00
3GPP Rel 6	HSUPA Subtest-5	22.54	22.69	22.66	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.20	20.34	20.28	21.50

【WCDMA IV_Ant 2_ECI5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.87	16.89	16.82	18.00
3GPP Rel 99	RMC 12.2Kbps	16.93	16.95	16.85	18.00
3GPP Rel 6	HSDPA Subtest-1	15.78	15.83	15.70	17.00
3GPP Rel 6	HSDPA Subtest-2	15.65	15.80	15.70	17.00
3GPP Rel 6	HSDPA Subtest-3	15.22	15.33	15.12	16.50
3GPP Rel 6	HSDPA Subtest-4	15.20	15.29	15.15	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.69	15.78	15.58	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.69	15.75	15.54	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.17	15.31	15.17	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.13	15.25	15.15	16.50
3GPP Rel 6	HSUPA Subtest-1	15.70	15.76	15.60	17.00
3GPP Rel 6	HSUPA Subtest-2	13.67	13.72	13.60	15.00
3GPP Rel 6	HSUPA Subtest-3	14.66	14.78	14.66	16.00
3GPP Rel 6	HSUPA Subtest-4	13.63	13.69	13.57	15.00
3GPP Rel 6	HSUPA Subtest-5	15.66	15.73	15.55	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.19	13.33	13.15	14.50

**【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	23.45	23.65	23.58	25.00
3GPP Rel 99	RMC 12.2Kbps	23.63	23.67	23.61	25.00
3GPP Rel 6	HSDPA Subtest-1	22.62	22.73	22.67	24.00
3GPP Rel 6	HSDPA Subtest-2	22.55	22.60	22.52	24.00
3GPP Rel 6	HSDPA Subtest-3	22.08	22.21	22.10	23.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.13	22.06	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.55	22.58	22.61	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.45	22.53	22.56	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.93	22.16	22.00	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.93	22.02	22.00	23.50
3GPP Rel 6	HSUPA Subtest-1	22.41	22.57	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	20.60	20.66	20.56	22.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.70	21.71	23.00
3GPP Rel 6	HSUPA Subtest-4	20.50	20.55	20.48	22.00
3GPP Rel 6	HSUPA Subtest-5	22.53	22.60	22.48	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.10	20.25	20.14	21.50

【WCDMA IV_Ant 4_EC11】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.45	23.65	23.58	25.00
3GPP Rel 99	RMC 12.2Kbps	23.63	23.67	23.61	25.00
3GPP Rel 6	HSDPA Subtest-1	22.62	22.73	22.67	24.00
3GPP Rel 6	HSDPA Subtest-2	22.55	22.60	22.52	24.00
3GPP Rel 6	HSDPA Subtest-3	22.08	22.21	22.10	23.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.13	22.06	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.55	22.58	22.61	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.45	22.53	22.56	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.93	22.16	22.00	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.93	22.02	22.00	23.50
3GPP Rel 6	HSUPA Subtest-1	22.41	22.57	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	20.60	20.66	20.56	22.00
3GPP Rel 6	HSUPA Subtest-3	21.67	21.70	21.71	23.00
3GPP Rel 6	HSUPA Subtest-4	20.50	20.55	20.48	22.00
3GPP Rel 6	HSUPA Subtest-5	22.53	22.60	22.48	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.10	20.25	20.14	21.50

【WCDMA IV_Ant 4_EC13】

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	18.55	18.52	20.00
3GPP Rel 99	RMC 12.2Kbps	18.56	18.58	18.53	20.00
3GPP Rel 6	HSDPA Subtest-1	17.49	17.65	17.47	19.00
3GPP Rel 6	HSDPA Subtest-2	17.50	17.57	17.42	19.00
3GPP Rel 6	HSDPA Subtest-3	17.07	17.07	17.03	18.50
3GPP Rel 6	HSDPA Subtest-4	17.04	17.14	16.99	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.50	17.70	17.54	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.55	17.63	17.49	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.92	17.12	17.01	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.01	17.10	17.04	18.50
3GPP Rel 6	HSUPA Subtest-1	17.43	17.66	17.53	19.00
3GPP Rel 6	HSUPA Subtest-2	15.42	15.63	15.49	17.00
3GPP Rel 6	HSUPA Subtest-3	16.45	16.57	16.54	18.00
3GPP Rel 6	HSUPA Subtest-4	15.47	15.65	15.44	17.00
3GPP Rel 6	HSUPA Subtest-5	17.51	17.69	17.42	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.97	15.18	15.07	16.50



【WCDMA IV_Ant 4_ECI4】

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	18.55	18.52	20.00
3GPP Rel 99	RMC 12.2Kbps	18.56	18.58	18.53	20.00
3GPP Rel 6	HSDPA Subtest-1	17.49	17.65	17.47	19.00
3GPP Rel 6	HSDPA Subtest-2	17.50	17.57	17.42	19.00
3GPP Rel 6	HSDPA Subtest-3	17.07	17.07	17.03	18.50
3GPP Rel 6	HSDPA Subtest-4	17.04	17.14	16.99	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.50	17.70	17.54	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.55	17.63	17.49	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.92	17.12	17.01	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.01	17.10	17.04	18.50
3GPP Rel 6	HSUPA Subtest-1	17.43	17.66	17.53	19.00
3GPP Rel 6	HSUPA Subtest-2	15.42	15.63	15.49	17.00
3GPP Rel 6	HSUPA Subtest-3	16.45	16.57	16.54	18.00
3GPP Rel 6	HSUPA Subtest-4	15.47	15.65	15.44	17.00
3GPP Rel 6	HSUPA Subtest-5	17.51	17.69	17.42	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.97	15.18	15.07	16.50

【WCDMA IV_Ant 4_ECI5】

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	18.55	18.52	20.00
3GPP Rel 99	RMC 12.2Kbps	18.56	18.58	18.53	20.00
3GPP Rel 6	HSDPA Subtest-1	17.49	17.65	17.47	19.00
3GPP Rel 6	HSDPA Subtest-2	17.50	17.57	17.42	19.00
3GPP Rel 6	HSDPA Subtest-3	17.07	17.07	17.03	18.50
3GPP Rel 6	HSDPA Subtest-4	17.04	17.14	16.99	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.50	17.70	17.54	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.55	17.63	17.49	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.92	17.12	17.01	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.01	17.10	17.04	18.50
3GPP Rel 6	HSUPA Subtest-1	17.43	17.66	17.53	19.00
3GPP Rel 6	HSUPA Subtest-2	15.42	15.63	15.49	17.00
3GPP Rel 6	HSUPA Subtest-3	16.45	16.57	16.54	18.00
3GPP Rel 6	HSUPA Subtest-4	15.47	15.65	15.44	17.00
3GPP Rel 6	HSUPA Subtest-5	17.51	17.69	17.42	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.97	15.18	15.07	16.50

【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	24.00	24.12	24.08	25.00
3GPP Rel 99	RMC 12.2Kbps	24.13	24.14	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.11	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.09	23.09	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.63	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.59	22.59	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.11	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.98	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.66	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.42	22.56	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	22.86	23.02	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.15	21.09	22.00
3GPP Rel 6	HSUPA Subtest-3	22.11	22.18	22.13	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	21.08	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.08	22.98	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.62	20.75	20.65	21.50

**【WCDMA V_Ant 0_EC11】**

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.12	24.08	25.00
3GPP Rel 99	RMC 12.2Kbps	24.13	24.14	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.11	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.09	23.09	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.63	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.59	22.59	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.11	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.98	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.66	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.42	22.56	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	22.86	23.02	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.15	21.09	22.00
3GPP Rel 6	HSUPA Subtest-3	22.11	22.18	22.13	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	21.08	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.08	22.98	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.62	20.75	20.65	21.50

【WCDMA V_Ant 0_EC13】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.12	24.08	25.00
3GPP Rel 99	RMC 12.2Kbps	24.13	24.14	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.11	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.09	23.09	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.63	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.59	22.59	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.11	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.98	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.66	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.42	22.56	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	22.86	23.02	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.15	21.09	22.00
3GPP Rel 6	HSUPA Subtest-3	22.11	22.18	22.13	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	21.08	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.08	22.98	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.62	20.75	20.65	21.50

【WCDMA V_Ant 0_EC14】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.12	24.08	25.00
3GPP Rel 99	RMC 12.2Kbps	24.13	24.14	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.11	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.09	23.09	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.63	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.59	22.59	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.11	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.98	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.66	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.42	22.56	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	22.86	23.02	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.15	21.09	22.00
3GPP Rel 6	HSUPA Subtest-3	22.11	22.18	22.13	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	21.08	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.08	22.98	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.62	20.75	20.65	21.50



【WCDMA V_Ant 0_ECI5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.12	24.08	25.00
3GPP Rel 99	RMC 12.2Kbps	24.13	24.14	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.04	23.11	23.09	24.00
3GPP Rel 6	HSDPA Subtest-2	23.09	23.09	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.63	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.59	22.59	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.11	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.99	23.03	22.98	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.66	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.42	22.56	22.49	23.50
3GPP Rel 6	HSUPA Subtest-1	22.86	23.02	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.15	21.09	22.00
3GPP Rel 6	HSUPA Subtest-3	22.11	22.18	22.13	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	21.08	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	22.93	23.08	22.98	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.62	20.75	20.65	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	24.26	24.38	24.33	25.70
3GPP Rel 99	RMC 12.2Kbps	24.47	24.48	24.46	25.70
3GPP Rel 6	HSDPA Subtest-1	23.42	23.49	23.40	24.70
3GPP Rel 6	HSDPA Subtest-2	23.37	23.39	23.39	24.70
3GPP Rel 6	HSDPA Subtest-3	22.90	22.97	22.95	24.20
3GPP Rel 6	HSDPA Subtest-4	22.86	22.93	22.83	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.38	23.43	23.41	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.25	23.41	23.34	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.88	22.85	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.82	24.20
3GPP Rel 6	HSUPA Subtest-1	23.26	23.31	23.36	24.70
3GPP Rel 6	HSUPA Subtest-2	21.41	21.44	21.39	22.70
3GPP Rel 6	HSUPA Subtest-3	22.45	22.47	22.44	23.70
3GPP Rel 6	HSUPA Subtest-4	21.30	21.42	21.36	22.70
3GPP Rel 6	HSUPA Subtest-5	23.29	23.39	23.35	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.90	21.09	20.99	22.20

【WCDMA V_Ant 1_ECI1】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.87	19.92	19.89	21.20
3GPP Rel 99	RMC 12.2Kbps	20.05	20.06	20.04	21.20
3GPP Rel 6	HSDPA Subtest-1	18.81	18.98	18.83	20.20
3GPP Rel 6	HSDPA Subtest-2	18.76	18.93	18.86	20.20
3GPP Rel 6	HSDPA Subtest-3	18.32	18.45	18.40	19.70
3GPP Rel 6	HSDPA Subtest-4	18.36	18.43	18.26	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.83	18.95	18.83	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	18.70	18.89	18.76	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	18.31	18.39	18.31	19.70
3GPP Rel 8	DC-HSDPA Subtest-4	18.24	18.42	18.33	19.70
3GPP Rel 6	HSUPA Subtest-1	18.75	18.91	18.80	20.20
3GPP Rel 6	HSUPA Subtest-2	16.90	16.98	16.85	18.20
3GPP Rel 6	HSUPA Subtest-3	17.78	17.93	17.83	19.20
3GPP Rel 6	HSUPA Subtest-4	16.79	16.92	16.76	18.20
3GPP Rel 6	HSUPA Subtest-5	18.78	18.90	18.86	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.32	16.41	16.24	17.70

**【WCDMA V_Ant 1_ECI3】**

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.87	19.92	19.89	21.20
3GPP Rel 99	RMC 12.2Kbps	20.05	20.06	20.04	21.20
3GPP Rel 6	HSDPA Subtest-1	18.81	18.98	18.83	20.20
3GPP Rel 6	HSDPA Subtest-2	18.76	18.93	18.86	20.20
3GPP Rel 6	HSDPA Subtest-3	18.32	18.45	18.40	19.70
3GPP Rel 6	HSDPA Subtest-4	18.36	18.43	18.26	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.83	18.95	18.83	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	18.70	18.89	18.76	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	18.31	18.39	18.31	19.70
3GPP Rel 8	DC-HSDPA Subtest-4	18.24	18.42	18.33	19.70
3GPP Rel 6	HSUPA Subtest-1	18.75	18.91	18.80	20.20
3GPP Rel 6	HSUPA Subtest-2	16.90	16.98	16.85	18.20
3GPP Rel 6	HSUPA Subtest-3	17.78	17.93	17.83	19.20
3GPP Rel 6	HSUPA Subtest-4	16.79	16.92	16.76	18.20
3GPP Rel 6	HSUPA Subtest-5	18.78	18.90	18.86	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.32	16.41	16.24	17.70

【WCDMA V_Ant 1_ECI4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.26	24.38	24.33	25.70
3GPP Rel 99	RMC 12.2Kbps	24.47	24.48	24.46	25.70
3GPP Rel 6	HSDPA Subtest-1	23.42	23.49	23.40	24.70
3GPP Rel 6	HSDPA Subtest-2	23.37	23.39	23.39	24.70
3GPP Rel 6	HSDPA Subtest-3	22.90	22.97	22.95	24.20
3GPP Rel 6	HSDPA Subtest-4	22.86	22.93	22.83	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.38	23.43	23.41	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.25	23.41	23.34	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.88	22.85	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.82	24.20
3GPP Rel 6	HSUPA Subtest-1	23.26	23.31	23.36	24.70
3GPP Rel 6	HSUPA Subtest-2	21.41	21.44	21.39	22.70
3GPP Rel 6	HSUPA Subtest-3	22.45	22.47	22.44	23.70
3GPP Rel 6	HSUPA Subtest-4	21.30	21.42	21.36	22.70
3GPP Rel 6	HSUPA Subtest-5	23.29	23.39	23.35	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.90	21.09	20.99	22.20

【WCDMA V_Ant 1_ECI5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.87	19.92	19.89	21.20
3GPP Rel 99	RMC 12.2Kbps	20.05	20.06	20.04	21.20
3GPP Rel 6	HSDPA Subtest-1	18.81	18.98	18.83	20.20
3GPP Rel 6	HSDPA Subtest-2	18.76	18.93	18.86	20.20
3GPP Rel 6	HSDPA Subtest-3	18.32	18.45	18.40	19.70
3GPP Rel 6	HSDPA Subtest-4	18.36	18.43	18.26	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.83	18.95	18.83	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	18.70	18.89	18.76	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	18.31	18.39	18.31	19.70
3GPP Rel 8	DC-HSDPA Subtest-4	18.24	18.42	18.33	19.70
3GPP Rel 6	HSUPA Subtest-1	18.75	18.91	18.80	20.20
3GPP Rel 6	HSUPA Subtest-2	16.90	16.98	16.85	18.20
3GPP Rel 6	HSUPA Subtest-3	17.78	17.93	17.83	19.20
3GPP Rel 6	HSUPA Subtest-4	16.79	16.92	16.76	18.20
3GPP Rel 6	HSUPA Subtest-5	18.78	18.90	18.86	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.32	16.41	16.24	17.70



<LTE Conducted Power>

【LTE Band 2_Ant 2_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	24.26	24.29	24.19	25.00
20	QPSK	1	49	24.05	24.13	23.91	25.00
20	QPSK	1	99	24.10	24.21	24.05	25.00
20	QPSK	50	0	23.23	23.31	23.18	24.00
20	QPSK	50	24	23.15	23.28	23.09	24.00
20	QPSK	50	50	23.19	23.29	23.14	24.00
20	QPSK	100	0	23.21	23.28	23.14	24.00
20	16QAM	1	0	23.27	23.44	23.30	24.00
20	16QAM	1	49	23.30	23.36	23.17	24.00
20	16QAM	1	99	23.29	23.41	23.28	24.00
20	16QAM	50	0	22.24	22.31	22.19	23.00
20	16QAM	50	24	22.21	22.29	22.14	23.00
20	16QAM	50	50	22.26	22.30	22.19	23.00
20	16QAM	100	0	22.20	22.29	22.17	23.00
20	64QAM	1	0	22.43	22.49	22.32	23.00
20	64QAM	1	49	22.23	22.39	22.22	23.00
20	64QAM	1	99	22.33	22.43	22.22	23.00
20	64QAM	50	0	21.21	21.30	21.11	22.00
20	64QAM	50	24	21.20	21.28	21.11	22.00
20	64QAM	50	50	21.28	21.32	21.21	22.00
20	64QAM	100	0	21.21	21.30	21.10	22.00
20	256QAM	1	0	19.34	19.44	19.34	20.00
20	256QAM	1	49	19.24	19.30	19.14	20.00
20	256QAM	1	99	19.25	19.42	19.27	20.00
20	256QAM	50	0	19.20	19.28	19.06	20.00
20	256QAM	50	24	19.10	19.26	19.10	20.00
20	256QAM	50	50	19.25	19.29	19.14	20.00
20	256QAM	100	0	19.19	19.27	19.07	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.22	24.14	24.08	25.00
15	QPSK	1	37	23.99	24.08	23.82	25.00
15	QPSK	1	74	24.00	24.13	23.94	25.00
15	QPSK	36	0	23.15	23.16	22.93	24.00
15	QPSK	36	20	23.04	23.22	23.04	24.00
15	QPSK	36	39	23.13	23.19	23.10	24.00
15	QPSK	75	0	23.15	23.17	23.01	24.00
15	16QAM	1	0	23.24	23.37	23.26	24.00
15	16QAM	1	37	23.16	23.26	23.16	24.00
15	16QAM	1	74	23.17	23.34	23.25	24.00
15	16QAM	36	0	22.14	22.21	22.14	23.00
15	16QAM	36	20	22.11	22.22	22.03	23.00
15	16QAM	36	39	22.15	22.26	22.09	23.00
15	16QAM	75	0	22.18	22.14	22.08	23.00
15	64QAM	1	0	22.29	22.41	22.20	23.00
15	64QAM	1	37	22.21	22.28	22.15	23.00
15	64QAM	1	74	22.19	22.32	22.17	23.00
15	64QAM	36	0	21.13	21.29	21.00	22.00
15	64QAM	36	20	21.11	21.21	21.05	22.00
15	64QAM	36	39	21.14	21.21	21.09	22.00
15	64QAM	75	0	21.08	21.25	20.96	22.00
15	256QAM	1	0	19.29	19.36	19.22	20.00
15	256QAM	1	37	19.22	19.26	19.09	20.00
15	256QAM	1	74	19.23	19.27	19.14	20.00
15	256QAM	36	0	19.06	19.24	19.03	20.00
15	256QAM	36	20	19.05	19.13	19.04	20.00
15	256QAM	36	39	19.11	19.15	19.08	20.00
15	256QAM	75	0	19.05	19.23	18.98	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.18	24.16	24.14	25.00
10	QPSK	1	25	23.97	24.12	23.77	25.00
10	QPSK	1	49	23.96	24.10	23.93	25.00
10	QPSK	25	0	23.18	23.20	23.04	24.00
10	QPSK	25	12	23.12	23.15	23.03	24.00
10	QPSK	25	25	23.16	23.25	23.10	24.00
10	QPSK	50	0	23.12	23.21	23.01	24.00
10	16QAM	1	0	23.24	23.39	23.29	24.00



10	16QAM	1	25	23.20	23.30	23.11	24.00
10	16QAM	1	49	23.27	23.34	23.26	24.00
10	16QAM	25	0	22.10	22.20	22.04	23.00
10	16QAM	25	12	22.13	22.15	22.13	23.00
10	16QAM	25	25	22.23	22.16	22.17	23.00
10	16QAM	50	0	22.07	22.27	22.10	23.00
10	64QAM	1	0	22.38	22.35	22.21	23.00
10	64QAM	1	25	22.22	22.30	22.12	23.00
10	64QAM	1	49	22.26	22.29	22.18	23.00
10	64QAM	25	0	21.14	21.26	21.03	22.00
10	64QAM	25	12	21.11	21.19	20.99	22.00
10	64QAM	25	25	21.23	21.23	21.11	22.00
10	64QAM	50	0	21.20	21.25	20.96	22.00
10	256QAM	1	0	19.21	19.42	19.27	20.00
10	256QAM	1	25	19.18	19.17	19.07	20.00
10	256QAM	1	49	19.21	19.31	19.23	20.00
10	256QAM	25	0	19.15	19.16	19.02	20.00
10	256QAM	25	12	19.06	19.24	19.07	20.00
10	256QAM	25	25	19.18	19.26	19.00	20.00
10	256QAM	50	0	19.14	19.24	18.99	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.20	24.22	24.06	25.00
5	QPSK	1	12	23.99	24.10	23.86	25.00
5	QPSK	1	24	24.07	24.17	24.02	25.00
5	QPSK	12	0	23.19	23.18	22.97	24.00
5	QPSK	12	7	23.03	23.23	23.07	24.00
5	QPSK	12	13	23.07	23.18	23.07	24.00
5	QPSK	25	0	23.17	23.19	23.03	24.00
5	16QAM	1	0	23.15	23.41	23.25	24.00
5	16QAM	1	12	23.25	23.24	23.15	24.00
5	16QAM	1	24	23.20	23.33	23.22	24.00
5	16QAM	12	0	22.21	22.23	22.11	23.00
5	16QAM	12	7	22.07	22.27	22.00	23.00
5	16QAM	12	13	22.17	22.19	22.05	23.00
5	16QAM	25	0	22.06	22.16	22.09	23.00
5	64QAM	1	0	22.38	22.38	22.25	23.00
5	64QAM	1	12	22.12	22.26	22.09	23.00
5	64QAM	1	24	22.21	22.36	22.16	23.00
5	64QAM	12	0	21.17	21.23	21.03	22.00
5	64QAM	12	7	21.16	21.19	20.99	22.00
5	64QAM	12	13	21.25	21.20	21.09	22.00
5	64QAM	25	0	21.06	21.27	20.99	22.00
5	256QAM	1	0	19.20	19.31	19.22	20.00
5	256QAM	1	12	19.18	19.21	19.11	20.00
5	256QAM	1	24	19.14	19.40	19.20	20.00
5	256QAM	12	0	19.17	19.21	18.99	20.00
5	256QAM	12	7	19.07	19.15	19.03	20.00
5	256QAM	12	13	19.18	19.27	19.05	20.00
5	256QAM	25	0	19.09	19.24	18.98	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.20	24.25	24.16	25.00
3	QPSK	1	8	23.99	24.09	23.86	25.00
3	QPSK	1	14	24.07	24.10	24.04	25.00
3	QPSK	8	0	23.21	23.25	23.04	24.00
3	QPSK	8	4	23.12	23.15	22.98	24.00
3	QPSK	8	7	23.07	23.23	23.05	24.00
3	QPSK	15	0	23.07	23.14	23.10	24.00
3	16QAM	1	0	23.22	23.41	23.21	24.00
3	16QAM	1	8	23.28	23.23	23.06	24.00
3	16QAM	1	14	23.24	23.40	23.24	24.00
3	16QAM	8	0	22.15	22.16	22.15	23.00
3	16QAM	8	4	22.17	22.19	22.07	23.00
3	16QAM	8	7	22.13	22.22	22.06	23.00
3	16QAM	15	0	22.08	22.28	22.10	23.00
3	64QAM	1	0	22.28	22.39	22.28	23.00
3	64QAM	1	8	22.14	22.29	22.18	23.00
3	64QAM	1	14	22.28	22.29	22.17	23.00
3	64QAM	8	0	21.11	21.19	21.07	22.00
3	64QAM	8	4	21.11	21.13	20.97	22.00
3	64QAM	8	7	21.24	21.27	21.17	22.00
3	64QAM	15	0	21.20	21.16	21.03	22.00
3	256QAM	1	0	19.29	19.33	19.25	20.00
3	256QAM	1	8	19.20	19.28	19.04	20.00
3	256QAM	1	14	19.13	19.39	19.14	20.00
3	256QAM	8	0	19.16	19.13	19.00	20.00
3	256QAM	8	4	18.97	19.14	18.96	20.00

3	256QAM	8	7	19.17	19.18	19.06	20.00
3	256QAM	15	0	19.09	19.20	19.03	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.18	24.25	24.11	25.00
1.4	QPSK	1	3	23.92	24.04	23.85	25.00
1.4	QPSK	1	5	24.05	24.20	23.92	25.00
1.4	QPSK	3	0	24.13	24.25	24.06	25.00
1.4	QPSK	3	1	24.01	24.13	23.99	25.00
1.4	QPSK	3	3	24.14	24.25	24.11	25.00
1.4	QPSK	6	0	23.16	23.16	23.08	24.00
1.4	16QAM	1	0	23.17	23.37	23.24	24.00
1.4	16QAM	1	3	23.23	23.31	23.10	24.00
1.4	16QAM	1	5	23.24	23.33	23.25	24.00
1.4	16QAM	3	0	23.17	23.27	23.15	24.00
1.4	16QAM	3	1	23.12	23.27	23.11	24.00
1.4	16QAM	3	3	23.17	23.26	23.11	24.00
1.4	16QAM	6	0	22.15	22.18	22.10	23.00
1.4	64QAM	1	0	22.35	22.40	22.23	23.00
1.4	64QAM	1	3	22.22	22.33	22.21	23.00
1.4	64QAM	1	5	22.19	22.40	22.17	23.00
1.4	64QAM	3	0	22.09	22.27	22.04	23.00
1.4	64QAM	3	1	22.05	22.18	22.03	23.00
1.4	64QAM	3	3	22.19	22.28	22.17	23.00
1.4	64QAM	6	0	21.16	21.19	21.04	22.00
1.4	256QAM	1	0	19.27	19.39	19.21	20.00
1.4	256QAM	1	3	19.22	19.27	19.07	20.00
1.4	256QAM	1	5	19.19	19.41	19.23	20.00
1.4	256QAM	3	0	19.18	19.24	19.00	20.00
1.4	256QAM	3	1	18.96	19.21	18.99	20.00
1.4	256QAM	3	3	19.20	19.23	19.11	20.00
1.4	256QAM	6	0	19.05	19.22	19.06	20.00

【LTE Band 2_Ant 2_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	24.33	24.38	24.37	25.50
20	QPSK	1	49	24.10	24.26	24.19	25.50
20	QPSK	1	99	24.22	24.29	24.26	25.50
20	QPSK	50	0	23.19	23.33	23.31	24.50
20	QPSK	50	24	23.17	23.25	23.22	24.50
20	QPSK	50	50	23.14	23.32	23.29	24.50
20	QPSK	100	0	23.20	23.28	23.17	24.50
20	16QAM	1	0	23.28	23.34	23.30	24.50
20	16QAM	1	49	23.14	23.27	23.18	24.50
20	16QAM	1	99	23.14	23.32	23.28	24.50
20	16QAM	50	0	22.11	22.30	22.23	23.50
20	16QAM	50	24	22.10	22.24	22.22	23.50
20	16QAM	50	50	22.20	22.31	22.22	23.50
20	16QAM	100	0	22.15	22.30	22.17	23.50
20	64QAM	1	0	22.22	22.39	22.30	23.50
20	64QAM	1	49	22.14	22.26	22.12	23.50
20	64QAM	1	99	22.18	22.24	22.15	23.50
20	64QAM	50	0	21.22	21.34	21.27	22.50
20	64QAM	50	24	21.09	21.28	21.13	22.50
20	64QAM	50	50	21.16	21.25	21.12	22.50
20	64QAM	100	0	21.30	21.40	21.28	22.50
20	256QAM	1	0	19.13	19.19	19.05	20.50
20	256QAM	1	49	19.08	19.23	19.14	20.50
20	256QAM	1	99	18.95	19.13	18.98	20.50
20	256QAM	50	0	19.08	19.26	19.21	20.50
20	256QAM	50	24	19.09	19.27	19.18	20.50
20	256QAM	50	50	19.19	19.25	19.11	20.50
20	256QAM	100	0	19.18	19.25	19.20	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.28	24.25	24.32	25.50
15	QPSK	1	37	24.02	24.16	24.09	25.50
15	QPSK	1	74	24.07	24.23	24.18	25.50
15	QPSK	36	0	23.09	23.28	23.10	24.50



15	QPSK	36	20	23.05	23.18	23.17	24.50
15	QPSK	36	39	23.11	23.23	23.26	24.50
15	QPSK	75	0	23.06	23.21	23.03	24.50
15	16QAM	1	0	23.18	23.21	23.19	24.50
15	16QAM	1	37	23.08	23.25	23.05	24.50
15	16QAM	1	74	23.05	23.29	23.25	24.50
15	16QAM	36	0	22.08	22.15	22.18	23.50
15	16QAM	36	20	22.02	22.16	22.17	23.50
15	16QAM	36	39	22.06	22.28	22.12	23.50
15	16QAM	75	0	22.11	22.20	22.13	23.50
15	64QAM	1	0	22.20	22.26	22.18	23.50
15	64QAM	1	37	22.11	22.16	21.97	23.50
15	64QAM	1	74	22.14	22.10	22.12	23.50
15	64QAM	36	0	21.13	21.30	21.23	22.50
15	64QAM	36	20	21.03	21.16	21.12	22.50
15	64QAM	36	39	21.04	21.16	21.01	22.50
15	64QAM	75	0	21.19	21.33	21.20	22.50
15	256QAM	1	0	19.07	19.17	18.95	20.50
15	256QAM	1	37	18.95	19.20	19.09	20.50
15	256QAM	1	74	18.84	19.09	18.85	20.50
15	256QAM	36	0	18.95	19.17	19.19	20.50
15	256QAM	36	20	18.97	19.25	19.05	20.50
15	256QAM	36	39	19.06	19.12	18.98	20.50
15	256QAM	75	0	19.07	19.24	19.10	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.21	24.25	24.32	25.50
10	QPSK	1	25	24.02	24.13	24.09	25.50
10	QPSK	1	49	24.11	24.25	24.12	25.50
10	QPSK	25	0	23.17	23.21	23.08	24.50
10	QPSK	25	12	23.15	23.12	23.16	24.50
10	QPSK	25	25	23.01	23.26	23.18	24.50
10	QPSK	50	0	23.12	23.24	23.15	24.50
10	16QAM	1	0	23.25	23.21	23.20	24.50
10	16QAM	1	25	23.06	23.21	23.04	24.50
10	16QAM	1	49	23.01	23.25	23.16	24.50
10	16QAM	25	0	22.08	22.22	22.10	23.50
10	16QAM	25	12	22.09	22.10	22.17	23.50
10	16QAM	25	25	22.17	22.23	22.20	23.50
10	16QAM	50	0	22.03	22.24	22.04	23.50
10	64QAM	1	0	22.19	22.26	22.20	23.50
10	64QAM	1	25	22.07	22.19	22.10	23.50
10	64QAM	1	49	22.03	22.11	22.12	23.50
10	64QAM	25	0	21.17	21.24	21.21	22.50
10	64QAM	25	12	21.02	21.23	21.10	22.50
10	64QAM	25	25	21.01	21.13	21.03	22.50
10	64QAM	50	0	21.28	21.32	21.20	22.50
10	256QAM	1	0	18.99	19.17	19.04	20.50
10	256QAM	1	25	19.01	19.08	19.08	20.50
10	256QAM	1	49	18.89	19.01	18.91	20.50
10	256QAM	25	0	18.99	19.14	19.12	20.50
10	256QAM	25	12	19.08	19.26	19.16	20.50
10	256QAM	25	25	19.07	19.14	19.07	20.50
10	256QAM	50	0	19.08	19.11	19.12	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.22	24.33	24.23	25.50
5	QPSK	1	12	24.04	24.22	24.10	25.50
5	QPSK	1	24	24.08	24.15	24.17	25.50
5	QPSK	12	0	23.04	23.28	23.19	24.50
5	QPSK	12	7	23.02	23.19	23.12	24.50
5	QPSK	12	13	23.01	23.26	23.15	24.50
5	QPSK	25	0	23.09	23.21	23.07	24.50
5	16QAM	1	0	23.20	23.29	23.16	24.50
5	16QAM	1	12	23.04	23.26	23.11	24.50
5	16QAM	1	24	23.11	23.18	23.17	24.50
5	16QAM	12	0	22.03	22.17	22.12	23.50
5	16QAM	12	7	22.05	22.15	22.08	23.50
5	16QAM	12	13	22.18	22.26	22.15	23.50
5	16QAM	25	0	22.02	22.18	22.14	23.50
5	64QAM	1	0	22.10	22.33	22.16	23.50
5	64QAM	1	12	22.08	22.21	22.05	23.50
5	64QAM	1	24	22.12	22.19	22.13	23.50
5	64QAM	12	0	21.15	21.21	21.19	22.50
5	64QAM	12	7	20.97	21.18	20.98	22.50
5	64QAM	12	13	21.12	21.23	21.01	22.50
5	64QAM	25	0	21.27	21.30	21.26	22.50
5	256QAM	1	0	19.03	19.13	19.03	20.50



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5	256QAM	1	12	19.03	19.18	19.13	20.50
5	256QAM	1	24	18.85	18.99	18.94	20.50
5	256QAM	12	0	18.96	19.21	19.10	20.50
5	256QAM	12	7	19.02	19.18	19.16	20.50
5	256QAM	12	13	19.05	19.22	19.03	20.50
5	256QAM	25	0	19.03	19.24	19.07	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.29	24.30	24.25	25.50
3	QPSK	1	8	24.06	24.11	24.15	25.50
3	QPSK	1	14	24.19	24.15	24.14	25.50
3	QPSK	8	0	23.04	23.21	23.09	24.50
3	QPSK	8	4	23.09	23.13	23.16	24.50
3	QPSK	8	7	23.03	23.27	23.18	24.50
3	QPSK	15	0	23.18	23.23	23.08	24.50
3	16QAM	1	0	23.24	23.21	23.22	24.50
3	16QAM	1	8	23.08	23.17	23.09	24.50
3	16QAM	1	14	23.09	23.23	23.16	24.50
3	16QAM	8	0	22.04	22.29	22.09	23.50
3	16QAM	8	4	22.06	22.18	22.15	23.50
3	16QAM	8	7	22.10	22.27	22.11	23.50
3	16QAM	15	0	22.06	22.19	22.13	23.50
3	64QAM	1	0	22.20	22.36	22.21	23.50
3	64QAM	1	8	22.01	22.20	22.05	23.50
3	64QAM	1	14	22.11	22.21	22.02	23.50
3	64QAM	8	0	21.12	21.27	21.18	22.50
3	64QAM	8	4	21.03	21.23	21.09	22.50
3	64QAM	8	7	21.13	21.24	21.07	22.50
3	64QAM	15	0	21.28	21.31	21.26	22.50
3	256QAM	1	0	19.02	19.15	18.93	20.50
3	256QAM	1	8	19.01	19.15	19.07	20.50
3	256QAM	1	14	18.81	19.05	18.96	20.50
3	256QAM	8	0	19.01	19.23	19.18	20.50
3	256QAM	8	4	18.95	19.24	19.05	20.50
3	256QAM	8	7	19.15	19.14	19.10	20.50
3	256QAM	15	0	19.10	19.14	19.11	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.30	24.33	24.26	25.50
1.4	QPSK	1	3	23.96	24.15	24.08	25.50
1.4	QPSK	1	5	24.16	24.17	24.18	25.50
1.4	QPSK	3	0	24.18	24.29	24.13	25.50
1.4	QPSK	3	1	24.08	24.22	24.17	25.50
1.4	QPSK	3	3	24.09	24.29	24.18	25.50
1.4	QPSK	6	0	23.17	23.27	23.14	24.50
1.4	16QAM	1	0	23.14	23.26	23.21	24.50
1.4	16QAM	1	3	23.11	23.16	23.13	24.50
1.4	16QAM	1	5	23.07	23.21	23.19	24.50
1.4	16QAM	3	0	23.00	23.18	23.10	24.50
1.4	16QAM	3	1	23.04	23.19	23.19	24.50
1.4	16QAM	3	3	23.11	23.30	23.16	24.50
1.4	16QAM	6	0	22.06	22.15	22.09	23.50
1.4	64QAM	1	0	22.16	22.34	22.20	23.50
1.4	64QAM	1	3	22.00	22.17	22.01	23.50
1.4	64QAM	1	5	22.16	22.10	22.02	23.50
1.4	64QAM	3	0	22.19	22.26	22.15	23.50
1.4	64QAM	3	1	21.98	22.13	22.00	23.50
1.4	64QAM	3	3	22.12	22.13	22.03	23.50
1.4	64QAM	6	0	21.26	21.31	21.22	22.50
1.4	256QAM	1	0	19.10	19.07	18.97	20.50
1.4	256QAM	1	3	18.93	19.15	19.12	20.50
1.4	256QAM	1	5	18.92	19.08	18.84	20.50
1.4	256QAM	3	0	18.97	19.25	19.16	20.50
1.4	256QAM	3	1	18.94	19.16	19.07	20.50
1.4	256QAM	3	3	19.13	19.23	19.04	20.50
1.4	256QAM	6	0	19.11	19.10	19.14	20.50

【LTE Band 2_Ant 2_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	24.31	24.34	24.22	25.00
20	QPSK	1	49	24.16	24.22	23.96	25.00
20	QPSK	1	99	24.09	24.26	24.03	25.00
20	QPSK	50	0	23.23	23.27	23.12	24.00
20	QPSK	50	24	23.04	23.19	23.05	24.00
20	QPSK	50	50	23.13	23.18	23.03	24.00
20	QPSK	100	0	23.11	23.16	22.90	24.00
20	16QAM	1	0	23.20	23.28	23.14	24.00
20	16QAM	1	49	23.05	23.16	22.90	24.00
20	16QAM	1	99	23.08	23.22	23.04	24.00
20	16QAM	50	0	22.06	22.15	22.01	23.00
20	16QAM	50	24	22.11	22.15	21.96	23.00
20	16QAM	50	50	22.11	22.16	22.00	23.00
20	16QAM	100	0	22.11	22.18	21.96	23.00
20	64QAM	1	0	22.12	22.19	22.06	23.00
20	64QAM	1	49	21.94	22.05	21.83	23.00
20	64QAM	1	99	22.03	22.10	21.85	23.00
20	64QAM	50	0	21.02	21.15	21.02	22.00
20	64QAM	50	24	21.02	21.16	20.98	22.00
20	64QAM	50	50	21.06	21.17	21.01	22.00
20	64QAM	100	0	21.01	21.15	21.01	22.00
20	256QAM	1	0	18.94	19.08	18.94	20.00
20	256QAM	1	49	18.83	19.00	18.84	20.00
20	256QAM	1	99	19.03	19.07	18.95	20.00
20	256QAM	50	0	18.97	19.12	18.96	20.00
20	256QAM	50	24	19.09	19.13	18.91	20.00
20	256QAM	50	50	19.05	19.12	18.93	20.00
20	256QAM	100	0	19.08	19.14	18.92	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.17	24.22	24.10	25.00
15	QPSK	1	37	24.04	24.09	23.81	25.00
15	QPSK	1	74	23.97	24.13	24.01	25.00
15	QPSK	36	0	23.20	23.17	23.00	24.00
15	QPSK	36	20	23.00	23.17	23.03	24.00
15	QPSK	36	39	22.98	23.08	22.96	24.00
15	QPSK	75	0	23.09	23.13	22.82	24.00
15	16QAM	1	0	23.06	23.20	23.04	24.00
15	16QAM	1	37	22.92	23.02	22.82	24.00
15	16QAM	1	74	22.97	23.09	23.02	24.00
15	16QAM	36	0	21.96	22.13	21.88	23.00
15	16QAM	36	20	22.01	22.12	21.94	23.00
15	16QAM	36	39	22.01	22.07	21.95	23.00
15	16QAM	75	0	22.07	22.09	21.87	23.00
15	64QAM	1	0	22.00	22.06	21.99	23.00
15	64QAM	1	37	21.88	21.92	21.76	23.00
15	64QAM	1	74	21.93	22.00	21.78	23.00
15	64QAM	36	0	21.01	21.02	20.99	22.00
15	64QAM	36	20	20.88	21.14	20.94	22.00
15	64QAM	36	39	20.97	21.03	20.94	22.00
15	64QAM	75	0	20.86	21.03	20.90	22.00
15	256QAM	1	0	18.83	18.96	18.82	20.00
15	256QAM	1	37	18.75	18.95	18.81	20.00
15	256QAM	1	74	18.92	18.97	18.87	20.00
15	256QAM	36	0	18.84	19.10	18.90	20.00
15	256QAM	36	20	18.96	19.07	18.82	20.00
15	256QAM	36	39	18.92	19.03	18.79	20.00
15	256QAM	75	0	18.94	19.10	18.85	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.22	24.30	24.16	25.00
10	QPSK	1	25	24.07	24.18	23.82	25.00
10	QPSK	1	49	24.05	24.15	23.97	25.00
10	QPSK	25	0	23.09	23.16	23.07	24.00
10	QPSK	25	12	22.94	23.06	22.96	24.00
10	QPSK	25	25	23.06	23.13	22.94	24.00
10	QPSK	50	0	22.97	23.10	22.83	24.00
10	16QAM	1	0	23.07	23.25	23.08	24.00
10	16QAM	1	25	22.93	23.07	22.88	24.00
10	16QAM	1	49	23.05	23.16	22.96	24.00
10	16QAM	25	0	21.92	22.12	21.88	23.00



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10	16QAM	25	12	22.04	22.05	21.92	23.00
10	16QAM	25	25	22.04	22.05	21.92	23.00
10	16QAM	50	0	21.99	22.17	21.85	23.00
10	64QAM	1	0	21.98	22.08	21.92	23.00
10	64QAM	1	25	21.86	21.93	21.79	23.00
10	64QAM	1	49	21.97	22.07	21.82	23.00
10	64QAM	25	0	20.96	21.10	20.99	22.00
10	64QAM	25	12	20.93	21.04	20.84	22.00
10	64QAM	25	25	20.97	21.13	20.94	22.00
10	64QAM	50	0	20.89	21.07	20.97	22.00
10	256QAM	1	0	18.88	18.95	18.93	20.00
10	256QAM	1	25	18.80	18.89	18.78	20.00
10	256QAM	1	49	19.02	18.94	18.87	20.00
10	256QAM	25	0	18.92	19.10	18.83	20.00
10	256QAM	25	12	19.03	19.11	18.76	20.00
10	256QAM	25	25	18.96	19.02	18.84	20.00
10	256QAM	50	0	18.95	19.08	18.81	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.23	24.26	24.15	25.00
5	QPSK	1	12	24.07	24.09	23.89	25.00
5	QPSK	1	24	24.04	24.21	23.99	25.00
5	QPSK	12	0	23.22	23.16	23.03	24.00
5	QPSK	12	7	22.98	23.18	22.92	24.00
5	QPSK	12	13	23.11	23.06	22.92	24.00
5	QPSK	25	0	23.06	23.13	22.83	24.00
5	16QAM	1	0	23.14	23.18	23.07	24.00
5	16QAM	1	12	22.90	23.11	22.79	24.00
5	16QAM	1	24	22.96	23.17	23.00	24.00
5	16QAM	12	0	21.92	22.12	21.91	23.00
5	16QAM	12	7	22.06	22.11	21.90	23.00
5	16QAM	12	13	22.03	22.04	21.94	23.00
5	16QAM	25	0	22.04	22.15	21.93	23.00
5	64QAM	1	0	21.98	22.13	21.96	23.00
5	64QAM	1	12	21.84	21.93	21.78	23.00
5	64QAM	1	24	21.97	22.07	21.81	23.00
5	64QAM	12	0	20.91	21.09	20.93	22.00
5	64QAM	12	7	20.88	21.14	20.92	22.00
5	64QAM	12	13	20.96	21.04	20.95	22.00
5	64QAM	25	0	20.95	21.05	20.99	22.00
5	256QAM	1	0	18.86	19.00	18.82	20.00
5	256QAM	1	12	18.76	18.96	18.71	20.00
5	256QAM	1	24	18.99	18.98	18.92	20.00
5	256QAM	12	0	18.83	19.04	18.84	20.00
5	256QAM	12	7	18.99	19.07	18.76	20.00
5	256QAM	12	13	18.95	19.02	18.87	20.00
5	256QAM	25	0	19.06	19.02	18.84	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.21	24.29	24.10	25.00
3	QPSK	1	8	24.10	24.21	23.92	25.00
3	QPSK	1	14	23.98	24.20	23.88	25.00
3	QPSK	8	0	23.12	23.19	23.10	24.00
3	QPSK	8	4	23.01	23.05	22.92	24.00
3	QPSK	8	7	23.00	23.16	23.00	24.00
3	QPSK	15	0	23.06	23.11	22.80	24.00
3	16QAM	1	0	23.06	23.25	23.01	24.00
3	16QAM	1	8	23.01	23.06	22.85	24.00
3	16QAM	1	14	23.03	23.15	22.96	24.00
3	16QAM	8	0	21.93	22.03	21.97	23.00
3	16QAM	8	4	22.00	22.00	21.87	23.00
3	16QAM	8	7	22.03	22.15	21.94	23.00
3	16QAM	15	0	22.09	22.06	21.91	23.00
3	64QAM	1	0	21.99	22.12	21.95	23.00
3	64QAM	1	8	21.84	22.00	21.75	23.00
3	64QAM	1	14	21.91	22.00	21.80	23.00
3	64QAM	8	0	20.89	21.06	20.88	22.00
3	64QAM	8	4	20.96	21.05	20.87	22.00
3	64QAM	8	7	20.97	21.14	20.91	22.00
3	64QAM	15	0	21.00	21.00	20.99	22.00
3	256QAM	1	0	18.82	19.06	18.83	20.00
3	256QAM	1	8	18.74	18.95	18.71	20.00
3	256QAM	1	14	18.98	18.97	18.81	20.00
3	256QAM	8	0	18.91	19.01	18.94	20.00
3	256QAM	8	4	19.08	19.05	18.80	20.00
3	256QAM	8	7	18.99	19.00	18.83	20.00
3	256QAM	15	0	18.97	19.07	18.85	20.00
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.26	24.22	24.19	25.00
1.4	QPSK	1	3	24.04	24.09	23.83	25.00
1.4	QPSK	1	5	24.04	24.24	24.00	25.00
1.4	QPSK	3	0	24.13	24.14	24.04	25.00
1.4	QPSK	3	1	23.93	24.04	24.03	25.00
1.4	QPSK	3	3	24.02	24.04	24.00	25.00
1.4	QPSK	6	0	23.07	23.14	22.78	24.00
1.4	16QAM	1	0	23.09	23.26	23.04	24.00
1.4	16QAM	1	3	22.99	23.11	22.82	24.00
1.4	16QAM	1	5	23.06	23.09	23.02	24.00
1.4	16QAM	3	0	23.05	23.00	22.93	24.00
1.4	16QAM	3	1	22.97	23.01	22.86	24.00
1.4	16QAM	3	3	22.97	23.03	22.91	24.00
1.4	16QAM	6	0	22.02	22.04	21.92	23.00
1.4	64QAM	1	0	22.00	22.16	21.97	23.00
1.4	64QAM	1	3	21.90	21.98	21.73	23.00
1.4	64QAM	1	5	21.99	22.09	21.72	23.00
1.4	64QAM	3	0	21.94	22.10	21.94	23.00
1.4	64QAM	3	1	21.95	22.09	21.95	23.00
1.4	64QAM	3	3	21.92	22.14	21.94	23.00
1.4	64QAM	6	0	20.93	21.05	21.00	22.00
1.4	256QAM	1	0	18.84	19.01	18.92	20.00
1.4	256QAM	1	3	18.81	18.93	18.75	20.00
1.4	256QAM	1	5	18.97	19.01	18.90	20.00
1.4	256QAM	3	0	18.93	19.07	18.86	20.00
1.4	256QAM	3	1	19.06	19.04	18.86	20.00
1.4	256QAM	3	3	18.90	18.99	18.84	20.00
1.4	256QAM	6	0	19.07	19.13	18.89	20.00

【LTE Band 2_Ant 2_ECI1】

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	17.16	17.24	17.11	18.00
20	QPSK	1	49	17.00	17.14	17.02	18.00
20	QPSK	1	99	17.05	17.06	16.93	18.00
20	QPSK	50	0	17.11	17.23	17.10	18.00
20	QPSK	50	24	17.10	17.16	17.05	18.00
20	QPSK	50	50	17.00	17.09	17.03	18.00
20	QPSK	100	0	17.00	17.18	16.90	18.00
20	16QAM	1	0	16.93	17.07	16.80	18.00
20	16QAM	1	49	16.83	17.09	16.78	18.00
20	16QAM	1	99	16.99	17.03	16.91	18.00
20	16QAM	50	0	16.98	17.01	16.87	18.00
20	16QAM	50	24	16.89	17.00	16.95	18.00
20	16QAM	50	50	16.86	16.98	16.86	18.00
20	16QAM	100	0	16.81	17.01	16.88	18.00
20	64QAM	1	0	16.89	16.94	16.80	18.00
20	64QAM	1	49	16.71	16.94	16.82	18.00
20	64QAM	1	99	16.88	17.00	16.79	18.00
20	64QAM	50	0	16.82	16.95	16.89	18.00
20	64QAM	50	24	16.85	16.94	16.89	18.00
20	64QAM	50	50	16.86	16.91	16.89	18.00
20	64QAM	100	0	16.78	16.96	16.86	18.00
20	256QAM	1	0	16.87	17.02	16.85	18.00
20	256QAM	1	49	16.84	16.91	16.75	18.00
20	256QAM	1	99	16.82	17.01	16.90	18.00
20	256QAM	50	0	16.95	17.14	16.93	18.00
20	256QAM	50	24	16.90	17.02	16.81	18.00
20	256QAM	50	50	16.89	17.00	16.84	18.00
20	256QAM	100	0	16.95	17.11	16.92	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.14	17.11	16.99	18.00
15	QPSK	1	37	16.95	17.06	16.93	18.00
15	QPSK	1	74	17.03	17.01	16.88	18.00
15	QPSK	36	0	17.03	17.18	17.07	18.00
15	QPSK	36	20	17.05	17.08	17.02	18.00
15	QPSK	36	39	16.98	17.03	17.01	18.00
15	QPSK	75	0	16.93	17.08	16.81	18.00



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15	16QAM	1	0	16.83	17.03	16.75	18.00
15	16QAM	1	37	16.75	16.95	16.74	18.00
15	16QAM	1	74	16.90	16.94	16.76	18.00
15	16QAM	36	0	16.87	16.88	16.84	18.00
15	16QAM	36	20	16.80	16.93	16.89	18.00
15	16QAM	36	39	16.77	16.90	16.78	18.00
15	16QAM	75	0	16.67	16.89	16.77	18.00
15	64QAM	1	0	16.79	16.80	16.76	18.00
15	64QAM	1	37	16.61	16.81	16.77	18.00
15	64QAM	1	74	16.84	16.94	16.66	18.00
15	64QAM	36	0	16.67	16.80	16.81	18.00
15	64QAM	36	20	16.81	16.82	16.86	18.00
15	64QAM	36	39	16.73	16.82	16.79	18.00
15	64QAM	75	0	16.70	16.84	16.72	18.00
15	256QAM	1	0	16.82	16.97	16.79	18.00
15	256QAM	1	37	16.78	16.82	16.72	18.00
15	256QAM	1	74	16.72	16.95	16.77	18.00
15	256QAM	36	0	16.83	17.00	16.78	18.00
15	256QAM	36	20	16.88	16.97	16.77	18.00
15	256QAM	36	39	16.80	16.94	16.80	18.00
15	256QAM	75	0	16.84	17.05	16.81	18.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.13	17.13	17.03	18.00
10	QPSK	1	25	16.98	17.05	16.95	18.00
10	QPSK	1	49	16.92	17.01	16.87	18.00
10	QPSK	25	0	17.01	17.18	17.09	18.00
10	QPSK	25	12	17.00	17.04	17.04	18.00
10	QPSK	25	25	16.92	16.99	16.97	18.00
10	QPSK	50	0	16.85	17.13	16.80	18.00
10	16QAM	1	0	16.81	16.93	16.77	18.00
10	16QAM	1	25	16.70	16.97	16.73	18.00
10	16QAM	1	49	16.95	16.89	16.89	18.00
10	16QAM	25	0	16.85	16.88	16.81	18.00
10	16QAM	25	12	16.77	16.93	16.89	18.00
10	16QAM	25	25	16.80	16.91	16.73	18.00
10	16QAM	50	0	16.68	16.99	16.75	18.00
10	64QAM	1	0	16.82	16.79	16.67	18.00
10	64QAM	1	25	16.60	16.85	16.79	18.00
10	64QAM	1	49	16.73	16.97	16.73	18.00
10	64QAM	25	0	16.67	16.84	16.80	18.00
10	64QAM	25	12	16.83	16.81	16.79	18.00
10	64QAM	25	25	16.76	16.86	16.87	18.00
10	64QAM	50	0	16.67	16.89	16.77	18.00
10	256QAM	1	0	16.84	17.00	16.78	18.00
10	256QAM	1	25	16.69	16.83	16.68	18.00
10	256QAM	1	49	16.76	16.93	16.81	18.00
10	256QAM	25	0	16.93	17.07	16.85	18.00
10	256QAM	25	12	16.85	16.99	16.75	18.00
10	256QAM	25	25	16.80	16.85	16.69	18.00
10	256QAM	50	0	16.85	17.06	16.80	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.03	17.18	17.08	18.00
5	QPSK	1	12	16.90	17.08	17.01	18.00
5	QPSK	1	24	16.92	17.02	16.80	18.00
5	QPSK	12	0	17.03	17.21	16.99	18.00
5	QPSK	12	7	16.95	17.02	16.91	18.00
5	QPSK	12	13	16.97	17.03	17.02	18.00
5	QPSK	25	0	16.96	17.13	16.89	18.00
5	16QAM	1	0	16.89	17.03	16.78	18.00
5	16QAM	1	12	16.68	17.02	16.76	18.00
5	16QAM	1	24	16.89	16.99	16.86	18.00
5	16QAM	12	0	16.94	16.87	16.80	18.00
5	16QAM	12	7	16.80	16.90	16.85	18.00
5	16QAM	12	13	16.78	16.94	16.77	18.00
5	16QAM	25	0	16.67	16.97	16.73	18.00
5	64QAM	1	0	16.85	16.85	16.77	18.00
5	64QAM	1	12	16.70	16.84	16.80	18.00
5	64QAM	1	24	16.75	16.85	16.68	18.00
5	64QAM	12	0	16.74	16.90	16.87	18.00
5	64QAM	12	7	16.73	16.90	16.77	18.00
5	64QAM	12	13	16.76	16.81	16.85	18.00
5	64QAM	25	0	16.75	16.83	16.76	18.00
5	256QAM	1	0	16.84	16.99	16.78	18.00
5	256QAM	1	12	16.75	16.83	16.64	18.00
5	256QAM	1	24	16.80	16.87	16.80	18.00
5	256QAM	12	0	16.82	17.00	16.89	18.00



5	256QAM	12	7	16.86	16.88	16.75	18.00
5	256QAM	12	13	16.83	16.89	16.73	18.00
5	256QAM	25	0	16.81	16.96	16.88	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.13	17.23	17.01	18.00
3	QPSK	1	8	16.92	17.00	17.00	18.00
3	QPSK	1	14	16.91	16.97	16.84	18.00
3	QPSK	8	0	17.05	17.14	16.99	18.00
3	QPSK	8	4	17.09	17.07	16.92	18.00
3	QPSK	8	7	16.93	17.06	16.98	18.00
3	QPSK	15	0	16.88	17.13	16.86	18.00
3	16QAM	1	0	16.87	16.96	16.65	18.00
3	16QAM	1	8	16.81	17.08	16.63	18.00
3	16QAM	1	14	16.86	16.97	16.83	18.00
3	16QAM	8	0	16.88	16.93	16.77	18.00
3	16QAM	8	4	16.81	16.98	16.83	18.00
3	16QAM	8	7	16.77	16.94	16.74	18.00
3	16QAM	15	0	16.78	16.93	16.83	18.00
3	64QAM	1	0	16.80	16.89	16.70	18.00
3	64QAM	1	8	16.69	16.89	16.78	18.00
3	64QAM	1	14	16.84	16.88	16.74	18.00
3	64QAM	8	0	16.79	16.90	16.83	18.00
3	64QAM	8	4	16.77	16.92	16.84	18.00
3	64QAM	8	7	16.79	16.81	16.76	18.00
3	64QAM	15	0	16.69	16.91	16.75	18.00
3	256QAM	1	0	16.75	16.90	16.72	18.00
3	256QAM	1	8	16.79	16.86	16.67	18.00
3	256QAM	1	14	16.68	16.88	16.75	18.00
3	256QAM	8	0	16.84	17.09	16.79	18.00
3	256QAM	8	4	16.75	16.94	16.70	18.00
3	256QAM	8	7	16.75	16.90	16.73	18.00
3	256QAM	15	0	16.84	17.08	16.82	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.04	17.12	17.04	18.00
1.4	QPSK	1	3	16.97	17.02	16.95	18.00
1.4	QPSK	1	5	17.00	16.98	16.79	18.00
1.4	QPSK	3	0	16.99	17.13	17.03	18.00
1.4	QPSK	3	1	17.05	17.10	17.01	18.00
1.4	QPSK	3	3	16.87	16.98	17.00	18.00
1.4	QPSK	6	0	16.94	17.06	16.75	18.00
1.4	16QAM	1	0	16.91	16.97	16.69	18.00
1.4	16QAM	1	3	16.75	17.07	16.63	18.00
1.4	16QAM	1	5	16.92	17.00	16.77	18.00
1.4	16QAM	3	0	16.87	16.89	16.74	18.00
1.4	16QAM	3	1	16.82	16.88	16.86	18.00
1.4	16QAM	3	3	16.84	16.93	16.75	18.00
1.4	16QAM	6	0	16.67	16.94	16.80	18.00
1.4	64QAM	1	0	16.79	16.90	16.67	18.00
1.4	64QAM	1	3	16.67	16.90	16.78	18.00
1.4	64QAM	1	5	16.79	16.88	16.66	18.00
1.4	64QAM	3	0	16.73	16.90	16.74	18.00
1.4	64QAM	3	1	16.78	16.91	16.75	18.00
1.4	64QAM	3	3	16.75	16.83	16.79	18.00
1.4	64QAM	6	0	16.72	16.92	16.84	18.00
1.4	256QAM	1	0	16.78	16.88	16.78	18.00
1.4	256QAM	1	3	16.79	16.86	16.71	18.00
1.4	256QAM	1	5	16.72	16.92	16.76	18.00
1.4	256QAM	3	0	16.84	17.00	16.92	18.00
1.4	256QAM	3	1	16.83	16.90	16.80	18.00
1.4	256QAM	3	3	16.77	16.91	16.76	18.00
1.4	256QAM	6	0	16.89	17.08	16.91	18.00



【LTE Band 2_Ant 2_ECI1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.26	17.34	17.28	18.50
20	QPSK	1	49	17.03	17.17	17.05	18.50
20	QPSK	1	99	16.96	17.19	17.12	18.50
20	QPSK	50	0	17.21	17.28	17.25	18.50
20	QPSK	50	24	17.03	17.25	17.16	18.50
20	QPSK	50	50	17.11	17.27	17.18	18.50
20	QPSK	100	0	17.04	17.25	17.07	18.50
20	16QAM	1	0	17.14	17.24	17.17	18.50
20	16QAM	1	49	17.13	17.25	17.05	18.50
20	16QAM	1	99	16.95	17.12	17.03	18.50
20	16QAM	50	0	17.03	17.17	17.09	18.50
20	16QAM	50	24	16.95	17.18	17.01	18.50
20	16QAM	50	50	17.07	17.26	17.08	18.50
20	16QAM	100	0	16.94	17.14	16.98	18.50
20	64QAM	1	0	16.98	17.20	17.03	18.50
20	64QAM	1	49	17.11	17.21	17.02	18.50
20	64QAM	1	99	17.03	17.14	17.05	18.50
20	64QAM	50	0	16.98	17.20	17.04	18.50
20	64QAM	50	24	17.01	17.12	17.03	18.50
20	64QAM	50	50	17.03	17.14	17.06	18.50
20	64QAM	100	0	17.14	17.25	17.17	18.50
20	256QAM	1	0	16.99	17.20	17.07	18.50
20	256QAM	1	49	17.08	17.27	17.17	18.50
20	256QAM	1	99	16.93	17.13	17.04	18.50
20	256QAM	50	0	17.23	17.34	17.16	18.50
20	256QAM	50	24	16.96	17.17	17.06	18.50
20	256QAM	50	50	17.10	17.19	17.01	18.50
20	256QAM	100	0	17.06	17.28	17.18	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.12	17.28	17.22	18.50
15	QPSK	1	37	16.95	17.03	17.03	18.50
15	QPSK	1	74	16.83	17.10	17.04	18.50
15	QPSK	36	0	17.16	17.26	17.14	18.50
15	QPSK	36	20	16.91	17.16	17.05	18.50
15	QPSK	36	39	17.01	17.22	17.04	18.50
15	QPSK	75	0	16.91	17.12	17.01	18.50
15	16QAM	1	0	17.06	17.19	17.06	18.50
15	16QAM	1	37	17.01	17.15	16.98	18.50
15	16QAM	1	74	16.86	17.02	16.99	18.50
15	16QAM	36	0	17.02	17.07	17.02	18.50
15	16QAM	36	20	16.81	17.12	16.96	18.50
15	16QAM	36	39	17.02	17.25	17.04	18.50
15	16QAM	75	0	16.83	17.05	16.91	18.50
15	64QAM	1	0	16.89	17.13	16.98	18.50
15	64QAM	1	37	17.09	17.08	17.00	18.50
15	64QAM	1	74	16.99	17.04	16.90	18.50
15	64QAM	36	0	16.91	17.14	16.93	18.50
15	64QAM	36	20	16.98	17.03	16.92	18.50
15	64QAM	36	39	16.91	17.07	16.97	18.50
15	64QAM	75	0	17.09	17.23	17.10	18.50
15	256QAM	1	0	16.90	17.08	16.94	18.50
15	256QAM	1	37	17.02	17.25	17.14	18.50
15	256QAM	1	74	16.79	17.08	16.94	18.50
15	256QAM	36	0	17.18	17.26	17.11	18.50
15	256QAM	36	20	16.86	17.02	16.95	18.50
15	256QAM	36	39	17.07	17.12	16.87	18.50
15	256QAM	75	0	16.98	17.15	17.15	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.13	17.33	17.23	18.50
10	QPSK	1	25	16.98	17.10	16.98	18.50
10	QPSK	1	49	16.89	17.08	16.98	18.50
10	QPSK	25	0	17.07	17.21	17.23	18.50
10	QPSK	25	12	17.02	17.21	17.07	18.50
10	QPSK	25	25	17.07	17.25	17.06	18.50
10	QPSK	50	0	16.98	17.21	17.04	18.50
10	16QAM	1	0	17.12	17.13	17.09	18.50
10	16QAM	1	25	17.08	17.24	17.00	18.50
10	16QAM	1	49	16.83	17.06	16.96	18.50
10	16QAM	25	0	16.98	17.04	16.96	18.50



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10	16QAM	25	12	16.87	17.08	16.87	18.50
10	16QAM	25	25	16.94	17.20	17.02	18.50
10	16QAM	50	0	16.84	17.13	16.84	18.50
10	64QAM	1	0	16.91	17.11	17.01	18.50
10	64QAM	1	25	17.09	17.17	16.95	18.50
10	64QAM	1	49	16.97	17.09	16.90	18.50
10	64QAM	25	0	16.93	17.14	16.93	18.50
10	64QAM	25	12	16.87	17.01	16.97	18.50
10	64QAM	25	25	16.96	17.12	16.94	18.50
10	64QAM	50	0	17.11	17.15	17.13	18.50
10	256QAM	1	0	16.93	17.09	16.93	18.50
10	256QAM	1	25	16.99	17.24	17.09	18.50
10	256QAM	1	49	16.82	17.05	16.95	18.50
10	256QAM	25	0	17.19	17.28	17.07	18.50
10	256QAM	25	12	16.86	17.04	16.98	18.50
10	256QAM	25	25	17.09	17.07	16.91	18.50
10	256QAM	50	0	16.92	17.24	17.09	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.22	17.27	17.26	18.50
5	QPSK	1	12	16.97	17.03	17.01	18.50
5	QPSK	1	24	16.86	17.13	17.05	18.50
5	QPSK	12	0	17.10	17.25	17.14	18.50
5	QPSK	12	7	16.89	17.18	17.06	18.50
5	QPSK	12	13	16.98	17.20	17.04	18.50
5	QPSK	25	0	16.99	17.23	16.96	18.50
5	16QAM	1	0	17.09	17.17	17.06	18.50
5	16QAM	1	12	17.09	17.14	16.98	18.50
5	16QAM	1	24	16.80	17.07	16.91	18.50
5	16QAM	12	0	16.97	17.06	17.01	18.50
5	16QAM	12	7	16.82	17.12	16.95	18.50
5	16QAM	12	13	16.92	17.25	17.00	18.50
5	16QAM	25	0	16.86	17.11	16.83	18.50
5	64QAM	1	0	16.92	17.15	16.91	18.50
5	64QAM	1	12	17.00	17.18	16.98	18.50
5	64QAM	1	24	16.94	17.12	16.97	18.50
5	64QAM	12	0	16.83	17.09	16.91	18.50
5	64QAM	12	7	16.91	17.02	16.92	18.50
5	64QAM	12	13	16.98	17.03	17.05	18.50
5	64QAM	25	0	17.07	17.19	17.14	18.50
5	256QAM	1	0	16.98	17.18	17.03	18.50
5	256QAM	1	12	16.96	17.25	17.08	18.50
5	256QAM	1	24	16.90	17.08	17.00	18.50
5	256QAM	12	0	17.21	17.29	17.14	18.50
5	256QAM	12	7	16.91	17.04	16.96	18.50
5	256QAM	12	13	17.00	17.15	16.97	18.50
5	256QAM	25	0	16.96	17.24	17.12	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.19	17.30	17.23	18.50
3	QPSK	1	8	16.94	17.12	17.01	18.50
3	QPSK	1	14	16.89	17.13	17.01	18.50
3	QPSK	8	0	17.19	17.26	17.23	18.50
3	QPSK	8	4	16.92	17.23	17.13	18.50
3	QPSK	8	7	17.03	17.17	17.06	18.50
3	QPSK	15	0	17.02	17.21	16.96	18.50
3	16QAM	1	0	17.08	17.22	17.11	18.50
3	16QAM	1	8	17.07	17.14	16.92	18.50
3	16QAM	1	14	16.87	17.07	16.96	18.50
3	16QAM	8	0	17.00	17.12	17.05	18.50
3	16QAM	8	4	16.87	17.09	16.99	18.50
3	16QAM	8	7	16.92	17.11	17.04	18.50
3	16QAM	15	0	16.88	17.12	16.83	18.50
3	64QAM	1	0	16.96	17.17	16.90	18.50
3	64QAM	1	8	17.01	17.19	17.01	18.50
3	64QAM	1	14	16.97	17.05	16.96	18.50
3	64QAM	8	0	16.90	17.19	16.91	18.50
3	64QAM	8	4	16.99	17.08	16.91	18.50
3	64QAM	8	7	16.99	17.06	16.95	18.50
3	64QAM	15	0	17.12	17.14	17.09	18.50
3	256QAM	1	0	16.92	17.08	17.05	18.50
3	256QAM	1	8	17.01	17.21	17.10	18.50
3	256QAM	1	14	16.81	17.07	16.95	18.50
3	256QAM	8	0	17.15	17.25	17.05	18.50
3	256QAM	8	4	16.83	17.14	17.02	18.50
3	256QAM	8	7	17.03	17.16	16.87	18.50
3	256QAM	15	0	16.96	17.16	17.04	18.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.17	17.28	17.14	18.50
1.4	QPSK	1	3	16.97	17.03	16.92	18.50
1.4	QPSK	1	5	16.85	17.17	17.09	18.50
1.4	QPSK	3	0	18.19	18.19	18.17	18.50
1.4	QPSK	3	1	17.99	18.16	18.04	18.50
1.4	QPSK	3	3	18.09	18.13	18.17	18.50
1.4	QPSK	6	0	18.00	18.12	17.97	18.50
1.4	16QAM	1	0	17.02	17.23	17.05	18.50
1.4	16QAM	1	3	17.09	17.17	17.02	18.50
1.4	16QAM	1	5	16.82	17.08	16.93	18.50
1.4	16QAM	3	0	16.97	17.02	16.94	18.50
1.4	16QAM	3	1	16.89	17.14	16.98	18.50
1.4	16QAM	3	3	17.04	17.13	17.06	18.50
1.4	16QAM	6	0	16.87	17.04	16.84	18.50
1.4	64QAM	1	0	16.84	17.07	17.00	18.50
1.4	64QAM	1	3	16.96	17.18	16.88	18.50
1.4	64QAM	1	5	17.01	17.04	17.01	18.50
1.4	64QAM	3	0	16.93	17.08	16.94	18.50
1.4	64QAM	3	1	16.90	17.10	16.91	18.50
1.4	64QAM	3	3	17.00	17.05	17.03	18.50
1.4	64QAM	6	0	17.03	17.17	17.07	18.50
1.4	256QAM	1	0	16.84	17.12	16.94	18.50
1.4	256QAM	1	3	17.05	17.20	17.15	18.50
1.4	256QAM	1	5	16.86	16.99	17.02	18.50
1.4	256QAM	3	0	17.11	17.20	17.14	18.50
1.4	256QAM	3	1	16.92	17.08	17.02	18.50
1.4	256QAM	3	3	16.98	17.18	16.92	18.50
1.4	256QAM	6	0	17.01	17.17	17.08	18.50

【LTE Band 2_Ant 2_EC11-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.21	17.26	17.22	18.00
20	QPSK	1	49	16.97	17.11	17.04	18.00
20	QPSK	1	99	16.93	17.04	16.89	18.00
20	QPSK	50	0	17.18	17.21	17.16	18.00
20	QPSK	50	24	16.97	17.16	17.09	18.00
20	QPSK	50	50	16.96	17.15	17.00	18.00
20	QPSK	100	0	16.93	17.09	16.93	18.00
20	16QAM	1	0	17.01	17.16	17.06	18.00
20	16QAM	1	49	16.88	17.06	16.95	18.00
20	16QAM	1	99	16.94	17.11	17.00	18.00
20	16QAM	50	0	17.03	17.10	17.02	18.00
20	16QAM	50	24	17.04	17.13	17.04	18.00
20	16QAM	50	50	16.91	17.03	16.92	18.00
20	16QAM	100	0	16.96	17.04	16.94	18.00
20	64QAM	1	0	16.96	17.03	16.89	18.00
20	64QAM	1	49	16.98	17.14	16.96	18.00
20	64QAM	1	99	16.97	17.06	17.00	18.00
20	64QAM	50	0	16.93	17.04	16.94	18.00
20	64QAM	50	24	16.96	17.10	17.00	18.00
20	64QAM	50	50	17.05	17.12	16.96	18.00
20	64QAM	100	0	17.07	17.16	17.08	18.00
20	256QAM	1	0	17.05	17.15	17.07	18.00
20	256QAM	1	49	16.99	17.11	17.02	18.00
20	256QAM	1	99	17.01	17.13	17.02	18.00
20	256QAM	50	0	17.09	17.26	17.11	18.00
20	256QAM	50	24	17.05	17.11	17.02	18.00
20	256QAM	50	50	16.84	17.04	16.98	18.00
20	256QAM	100	0	17.03	17.21	17.07	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.14	17.19	17.15	18.00
15	QPSK	1	37	16.95	17.01	17.01	18.00
15	QPSK	1	74	16.91	16.98	16.86	18.00
15	QPSK	36	0	17.14	17.16	17.13	18.00
15	QPSK	36	20	16.95	17.03	16.97	18.00
15	QPSK	36	39	16.82	17.12	16.98	18.00
15	QPSK	75	0	16.84	16.97	16.84	18.00



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15	16QAM	1	0	16.90	17.14	17.04	18.00
15	16QAM	1	37	16.80	16.97	16.81	18.00
15	16QAM	1	74	16.91	17.04	16.89	18.00
15	16QAM	36	0	16.90	17.00	16.93	18.00
15	16QAM	36	20	17.01	17.07	16.90	18.00
15	16QAM	36	39	16.83	16.96	16.77	18.00
15	16QAM	75	0	16.88	16.93	16.81	18.00
15	64QAM	1	0	16.85	16.90	16.75	18.00
15	64QAM	1	37	16.89	17.01	16.92	18.00
15	64QAM	1	74	16.91	16.95	16.95	18.00
15	64QAM	36	0	16.85	16.95	16.81	18.00
15	64QAM	36	20	16.81	17.01	16.98	18.00
15	64QAM	36	39	16.94	17.09	16.92	18.00
15	64QAM	75	0	17.00	17.09	17.06	18.00
15	256QAM	1	0	16.92	17.12	16.94	18.00
15	256QAM	1	37	16.85	17.00	16.95	18.00
15	256QAM	1	74	16.87	17.01	16.93	18.00
15	256QAM	36	0	17.03	17.14	17.10	18.00
15	256QAM	36	20	17.01	17.01	16.95	18.00
15	256QAM	36	39	16.77	16.97	16.83	18.00
15	256QAM	75	0	16.91	17.18	16.98	18.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.09	17.20	17.16	18.00
10	QPSK	1	25	16.87	17.01	16.92	18.00
10	QPSK	1	49	16.91	16.95	16.76	18.00
10	QPSK	25	0	17.14	17.16	17.13	18.00
10	QPSK	25	12	16.83	17.06	17.03	18.00
10	QPSK	25	25	16.92	17.08	16.86	18.00
10	QPSK	50	0	16.88	17.02	16.91	18.00
10	16QAM	1	0	16.98	17.06	16.95	18.00
10	16QAM	1	25	16.76	16.91	16.86	18.00
10	16QAM	1	49	16.84	17.01	16.97	18.00
10	16QAM	25	0	17.01	16.95	17.00	18.00
10	16QAM	25	12	16.92	17.00	17.02	18.00
10	16QAM	25	25	16.80	16.92	16.89	18.00
10	16QAM	50	0	16.93	16.99	16.89	18.00
10	64QAM	1	0	16.81	16.97	16.84	18.00
10	64QAM	1	25	16.95	17.05	16.92	18.00
10	64QAM	1	49	16.92	16.98	16.90	18.00
10	64QAM	25	0	16.85	16.92	16.85	18.00
10	64QAM	25	12	16.87	17.03	16.91	18.00
10	64QAM	25	25	16.97	16.99	16.82	18.00
10	64QAM	50	0	17.01	17.14	16.97	18.00
10	256QAM	1	0	16.95	17.01	17.05	18.00
10	256QAM	1	25	16.85	17.10	16.98	18.00
10	256QAM	1	49	16.96	17.05	16.94	18.00
10	256QAM	25	0	17.07	17.12	17.06	18.00
10	256QAM	25	12	17.03	16.99	16.89	18.00
10	256QAM	25	25	16.77	16.93	16.91	18.00
10	256QAM	50	0	16.95	17.10	16.92	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.06	17.17	17.10	18.00
5	QPSK	1	12	16.91	17.07	16.91	18.00
5	QPSK	1	24	16.82	16.98	16.86	18.00
5	QPSK	12	0	17.11	17.07	17.12	18.00
5	QPSK	12	7	16.86	17.02	17.04	18.00
5	QPSK	12	13	16.90	17.08	16.94	18.00
5	QPSK	25	0	16.86	17.01	16.89	18.00
5	16QAM	1	0	16.99	17.05	17.04	18.00
5	16QAM	1	12	16.80	16.98	16.94	18.00
5	16QAM	1	24	16.89	16.99	16.97	18.00
5	16QAM	12	0	16.98	17.08	17.00	18.00
5	16QAM	12	7	16.89	16.99	16.97	18.00
5	16QAM	12	13	16.84	16.95	16.87	18.00
5	16QAM	25	0	16.93	16.90	16.79	18.00
5	64QAM	1	0	16.94	16.95	16.88	18.00
5	64QAM	1	12	16.96	17.08	16.95	18.00
5	64QAM	1	24	16.93	16.96	16.91	18.00
5	64QAM	12	0	16.82	16.96	16.81	18.00
5	64QAM	12	7	16.91	17.04	16.92	18.00
5	64QAM	12	13	16.94	17.01	16.89	18.00
5	64QAM	25	0	17.06	17.15	16.94	18.00
5	256QAM	1	0	16.94	17.12	17.02	18.00
5	256QAM	1	12	16.88	16.98	17.00	18.00
5	256QAM	1	24	16.88	17.09	16.92	18.00
5	256QAM	12	0	16.95	17.11	17.03	18.00



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5	256QAM	12	7	17.04	16.98	16.96	18.00
5	256QAM	12	13	16.77	16.96	16.89	18.00
5	256QAM	25	0	16.99	17.11	16.92	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.18	17.12	17.09	18.00
3	QPSK	1	8	16.84	17.09	17.03	18.00
3	QPSK	1	14	16.89	16.91	16.76	18.00
3	QPSK	8	0	17.15	17.16	17.08	18.00
3	QPSK	8	4	16.89	17.05	17.03	18.00
3	QPSK	8	7	16.94	17.14	16.96	18.00
3	QPSK	15	0	16.81	16.99	16.78	18.00
3	16QAM	1	0	16.99	17.06	16.96	18.00
3	16QAM	1	8	16.82	17.00	16.84	18.00
3	16QAM	1	14	16.82	17.09	16.87	18.00
3	16QAM	8	0	16.88	16.99	16.93	18.00
3	16QAM	8	4	17.01	17.01	16.96	18.00
3	16QAM	8	7	16.82	16.97	16.83	18.00
3	16QAM	15	0	16.85	16.99	16.81	18.00
3	64QAM	1	0	16.83	16.94	16.83	18.00
3	64QAM	1	8	16.88	17.08	16.90	18.00
3	64QAM	1	14	16.89	16.93	16.93	18.00
3	64QAM	8	0	16.79	16.98	16.92	18.00
3	64QAM	8	4	16.89	17.09	16.88	18.00
3	64QAM	8	7	16.91	17.01	16.95	18.00
3	64QAM	15	0	16.96	17.05	16.99	18.00
3	256QAM	1	0	16.97	17.09	16.92	18.00
3	256QAM	1	8	16.89	17.07	16.87	18.00
3	256QAM	1	14	16.96	17.00	16.93	18.00
3	256QAM	8	0	16.95	17.11	17.01	18.00
3	256QAM	8	4	16.98	16.99	16.95	18.00
3	256QAM	8	7	16.71	16.93	16.88	18.00
3	256QAM	15	0	16.89	17.10	16.94	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.07	17.16	17.20	18.00
1.4	QPSK	1	3	16.88	16.96	16.93	18.00
1.4	QPSK	1	5	16.81	16.95	16.78	18.00
1.4	QPSK	3	0	17.04	17.20	17.07	18.00
1.4	QPSK	3	1	16.86	17.04	17.00	18.00
1.4	QPSK	3	3	16.82	17.08	16.87	18.00
1.4	QPSK	6	0	16.85	17.05	16.85	18.00
1.4	16QAM	1	0	17.00	17.12	17.02	18.00
1.4	16QAM	1	3	16.82	16.99	16.90	18.00
1.4	16QAM	1	5	16.84	17.00	16.95	18.00
1.4	16QAM	3	0	17.01	17.01	16.95	18.00
1.4	16QAM	3	1	17.02	17.04	16.94	18.00
1.4	16QAM	3	3	16.76	16.96	16.83	18.00
1.4	16QAM	6	0	16.83	16.89	16.86	18.00
1.4	64QAM	1	0	16.85	16.97	16.88	18.00
1.4	64QAM	1	3	16.93	17.04	16.91	18.00
1.4	64QAM	1	5	16.92	16.92	16.91	18.00
1.4	64QAM	3	0	16.81	16.99	16.80	18.00
1.4	64QAM	3	1	16.84	17.09	16.93	18.00
1.4	64QAM	3	3	16.94	17.09	16.89	18.00
1.4	64QAM	6	0	16.95	17.14	16.98	18.00
1.4	256QAM	1	0	16.95	17.03	17.03	18.00
1.4	256QAM	1	3	16.95	17.02	16.88	18.00
1.4	256QAM	1	5	16.98	17.08	16.88	18.00
1.4	256QAM	3	0	16.97	17.17	17.04	18.00
1.4	256QAM	3	1	16.94	17.06	16.94	18.00
1.4	256QAM	3	3	16.80	16.93	16.83	18.00
1.4	256QAM	6	0	16.90	17.14	16.98	18.00

【LTE Band 2_Ant 2_ECI3】

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	19.26	19.27	19.23	20.00
20	QPSK	1	49	19.08	19.14	18.97	20.00
20	QPSK	1	99	18.94	19.03	18.85	20.00
20	QPSK	50	0	19.18	19.21	19.17	20.00
20	QPSK	50	24	18.91	19.06	18.93	20.00
20	QPSK	50	50	19.06	19.18	19.12	20.00
20	QPSK	100	0	19.11	19.16	19.13	20.00
20	16QAM	1	0	19.01	19.09	18.96	20.00
20	16QAM	1	49	18.96	19.02	18.95	20.00
20	16QAM	1	99	18.97	19.02	18.86	20.00
20	16QAM	50	0	18.85	18.98	18.81	20.00
20	16QAM	50	24	18.95	19.03	18.97	20.00
20	16QAM	50	50	18.95	19.01	18.83	20.00
20	16QAM	100	0	18.99	19.01	18.93	20.00
20	64QAM	1	0	18.93	19.00	18.84	20.00
20	64QAM	1	49	18.98	19.08	18.90	20.00
20	64QAM	1	99	18.93	19.06	18.98	20.00
20	64QAM	50	0	18.93	19.02	18.92	20.00
20	64QAM	50	24	18.90	18.97	18.86	20.00
20	64QAM	50	50	18.98	19.05	18.86	20.00
20	64QAM	100	0	18.99	19.09	18.94	20.00
20	256QAM	1	0	19.05	19.13	19.05	20.00
20	256QAM	1	49	18.94	18.98	18.85	20.00
20	256QAM	1	99	18.91	19.06	18.94	20.00
20	256QAM	50	0	18.88	19.01	18.83	20.00
20	256QAM	50	24	18.92	19.07	18.95	20.00
20	256QAM	50	50	18.88	18.98	18.82	20.00
20	256QAM	100	0	18.89	18.99	18.82	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.23	19.19	19.14	20.00
15	QPSK	1	37	19.02	18.99	18.91	20.00
15	QPSK	1	74	18.87	19.02	18.70	20.00
15	QPSK	36	0	19.15	19.16	19.10	20.00
15	QPSK	36	20	18.89	18.92	18.81	20.00
15	QPSK	36	39	19.01	19.04	19.08	20.00
15	QPSK	75	0	19.07	19.10	19.10	20.00
15	16QAM	1	0	18.94	19.03	18.87	20.00
15	16QAM	1	37	18.91	18.97	18.88	20.00
15	16QAM	1	74	18.90	18.93	18.74	20.00
15	16QAM	36	0	18.84	18.94	18.71	20.00
15	16QAM	36	20	18.89	18.89	18.92	20.00
15	16QAM	36	39	18.89	18.86	18.82	20.00
15	16QAM	75	0	18.89	18.96	18.79	20.00
15	64QAM	1	0	18.91	18.88	18.75	20.00
15	64QAM	1	37	18.95	19.01	18.85	20.00
15	64QAM	1	74	18.82	19.03	18.86	20.00
15	64QAM	36	0	18.78	18.88	18.77	20.00
15	64QAM	36	20	18.85	18.87	18.74	20.00
15	64QAM	36	39	18.89	18.95	18.72	20.00
15	64QAM	75	0	18.96	18.98	18.84	20.00
15	256QAM	1	0	18.90	19.11	18.94	20.00
15	256QAM	1	37	18.89	18.84	18.76	20.00
15	256QAM	1	74	18.82	18.97	18.90	20.00
15	256QAM	36	0	18.87	18.96	18.80	20.00
15	256QAM	36	20	18.90	18.93	18.87	20.00
15	256QAM	36	39	18.82	18.86	18.73	20.00
15	256QAM	75	0	18.75	18.97	18.72	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.20	19.21	19.21	20.00
10	QPSK	1	25	19.06	19.00	18.83	20.00
10	QPSK	1	49	18.81	18.97	18.82	20.00
10	QPSK	25	0	19.13	19.08	19.09	20.00
10	QPSK	25	12	18.78	18.94	18.92	20.00
10	QPSK	25	25	18.98	19.16	18.99	20.00
10	QPSK	50	0	19.06	19.11	19.01	20.00
10	16QAM	1	0	18.97	19.01	18.88	20.00
10	16QAM	1	25	18.85	18.92	18.89	20.00
10	16QAM	1	49	18.89	18.93	18.76	20.00
10	16QAM	25	0	18.81	18.85	18.69	20.00



10	16QAM	25	12	18.80	19.01	18.91	20.00
10	16QAM	25	25	18.89	18.87	18.72	20.00
10	16QAM	50	0	18.96	18.95	18.85	20.00
10	64QAM	1	0	18.90	18.98	18.78	20.00
10	64QAM	1	25	18.84	19.02	18.85	20.00
10	64QAM	1	49	18.78	19.04	18.95	20.00
10	64QAM	25	0	18.91	18.95	18.90	20.00
10	64QAM	25	12	18.86	18.84	18.83	20.00
10	64QAM	25	25	18.88	18.91	18.82	20.00
10	64QAM	50	0	18.84	19.08	18.80	20.00
10	256QAM	1	0	19.02	19.04	18.94	20.00
10	256QAM	1	25	18.91	18.91	18.79	20.00
10	256QAM	1	49	18.85	19.01	18.81	20.00
10	256QAM	25	0	18.83	18.91	18.82	20.00
10	256QAM	25	12	18.84	19.02	18.93	20.00
10	256QAM	25	25	18.74	18.88	18.71	20.00
10	256QAM	50	0	18.74	18.87	18.79	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.24	19.21	19.16	20.00
5	QPSK	1	12	19.04	19.00	18.86	20.00
5	QPSK	1	24	18.80	18.94	18.75	20.00
5	QPSK	12	0	19.15	19.13	19.07	20.00
5	QPSK	12	7	18.80	18.95	18.87	20.00
5	QPSK	12	13	18.93	19.12	19.06	20.00
5	QPSK	25	0	19.05	19.08	19.06	20.00
5	16QAM	1	0	18.89	18.98	18.81	20.00
5	16QAM	1	12	18.95	18.93	18.92	20.00
5	16QAM	1	24	18.88	18.93	18.71	20.00
5	16QAM	12	0	18.77	18.93	18.71	20.00
5	16QAM	12	7	18.93	19.00	18.85	20.00
5	16QAM	12	13	18.93	18.92	18.69	20.00
5	16QAM	25	0	18.92	18.96	18.90	20.00
5	64QAM	1	0	18.91	18.88	18.74	20.00
5	64QAM	1	12	18.86	18.96	18.78	20.00
5	64QAM	1	24	18.90	18.94	18.85	20.00
5	64QAM	12	0	18.89	18.96	18.88	20.00
5	64QAM	12	7	18.76	18.92	18.77	20.00
5	64QAM	12	13	18.97	19.01	18.83	20.00
5	64QAM	25	0	18.90	19.01	18.90	20.00
5	256QAM	1	0	18.94	19.00	19.03	20.00
5	256QAM	1	12	18.81	18.97	18.79	20.00
5	256QAM	1	24	18.88	18.91	18.83	20.00
5	256QAM	12	0	18.73	18.88	18.77	20.00
5	256QAM	12	7	18.81	19.05	18.88	20.00
5	256QAM	12	13	18.83	18.85	18.75	20.00
5	256QAM	25	0	18.80	18.91	18.75	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.17	19.25	19.19	20.00
3	QPSK	1	8	18.94	19.08	18.85	20.00
3	QPSK	1	14	18.85	18.94	18.78	20.00
3	QPSK	8	0	19.05	19.16	19.15	20.00
3	QPSK	8	4	18.83	18.96	18.79	20.00
3	QPSK	8	7	19.02	19.14	19.01	20.00
3	QPSK	15	0	19.01	19.03	19.10	20.00
3	16QAM	1	0	18.87	19.01	18.92	20.00
3	16QAM	1	8	18.84	18.88	18.85	20.00
3	16QAM	1	14	18.92	18.99	18.77	20.00
3	16QAM	8	0	18.77	18.89	18.71	20.00
3	16QAM	8	4	18.93	18.95	18.92	20.00
3	16QAM	8	7	18.90	18.98	18.78	20.00
3	16QAM	15	0	18.95	18.98	18.87	20.00
3	64QAM	1	0	18.81	18.88	18.80	20.00
3	64QAM	1	8	18.84	19.03	18.87	20.00
3	64QAM	1	14	18.89	18.99	18.86	20.00
3	64QAM	8	0	18.82	18.95	18.78	20.00
3	64QAM	8	4	18.84	18.95	18.79	20.00
3	64QAM	8	7	18.85	18.90	18.73	20.00
3	64QAM	15	0	18.89	18.98	18.84	20.00
3	256QAM	1	0	18.96	19.00	18.98	20.00
3	256QAM	1	8	18.82	18.87	18.81	20.00
3	256QAM	1	14	18.79	19.03	18.88	20.00
3	256QAM	8	0	18.85	18.98	18.74	20.00
3	256QAM	8	4	18.80	18.94	18.92	20.00
3	256QAM	8	7	18.83	18.90	18.74	20.00
3	256QAM	15	0	18.78	18.89	18.75	20.00
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.17	19.18	19.20	20.00
1.4	QPSK	1	3	18.93	19.10	18.85	20.00
1.4	QPSK	1	5	18.87	18.89	18.76	20.00
1.4	QPSK	3	0	19.15	19.20	19.12	20.00
1.4	QPSK	3	1	18.77	18.98	18.83	20.00
1.4	QPSK	3	3	18.92	19.16	18.99	20.00
1.4	QPSK	6	0	19.10	19.09	19.09	20.00
1.4	16QAM	1	0	18.95	19.01	18.86	20.00
1.4	16QAM	1	3	18.90	18.95	18.91	20.00
1.4	16QAM	1	5	18.87	18.96	18.79	20.00
1.4	16QAM	3	0	18.74	18.93	18.68	20.00
1.4	16QAM	3	1	18.89	18.97	18.93	20.00
1.4	16QAM	3	3	18.88	18.96	18.73	20.00
1.4	16QAM	6	0	18.93	18.96	18.91	20.00
1.4	64QAM	1	0	18.85	18.98	18.80	20.00
1.4	64QAM	1	3	18.84	18.98	18.82	20.00
1.4	64QAM	1	5	18.80	19.01	18.91	20.00
1.4	64QAM	3	0	18.85	18.95	18.90	20.00
1.4	64QAM	3	1	18.84	18.83	18.79	20.00
1.4	64QAM	3	3	18.97	18.99	18.77	20.00
1.4	64QAM	6	0	18.85	18.99	18.79	20.00
1.4	256QAM	1	0	19.01	19.07	19.04	20.00
1.4	256QAM	1	3	18.91	18.93	18.82	20.00
1.4	256QAM	1	5	18.84	18.91	18.88	20.00
1.4	256QAM	3	0	18.75	18.99	18.78	20.00
1.4	256QAM	3	1	18.88	18.95	18.92	20.00
1.4	256QAM	3	3	18.80	18.93	18.73	20.00
1.4	256QAM	6	0	18.77	18.85	18.74	20.00

【LTE Band 2_Ant 2_ECI3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.38	19.42	19.39	20.50
20	QPSK	1	49	19.08	19.15	18.99	20.50
20	QPSK	1	99	19.04	19.16	19.00	20.50
20	QPSK	50	0	19.31	19.35	19.32	20.50
20	QPSK	50	24	19.02	19.13	19.06	20.50
20	QPSK	50	50	18.99	19.15	19.04	20.50
20	QPSK	100	0	19.28	19.30	19.27	20.50
20	16QAM	1	0	19.04	19.15	19.03	20.50
20	16QAM	1	49	18.92	19.08	19.02	20.50
20	16QAM	1	99	19.13	19.19	19.06	20.50
20	16QAM	50	0	18.92	19.07	19.02	20.50
20	16QAM	50	24	19.10	19.15	19.02	20.50
20	16QAM	50	50	19.01	19.17	19.09	20.50
20	16QAM	100	0	18.91	19.08	19.03	20.50
20	64QAM	1	0	18.95	19.12	18.95	20.50
20	64QAM	1	49	19.10	19.17	19.07	20.50
20	64QAM	1	99	19.04	19.09	18.95	20.50
20	64QAM	50	0	18.95	19.13	19.05	20.50
20	64QAM	50	24	19.07	19.20	19.03	20.50
20	64QAM	50	50	18.93	19.09	18.93	20.50
20	64QAM	100	0	18.92	19.08	18.92	20.50
20	256QAM	1	0	19.02	19.15	18.97	20.50
20	256QAM	1	49	19.02	19.12	18.98	20.50
20	256QAM	1	99	19.05	19.17	19.03	20.50
20	256QAM	50	0	19.05	19.16	19.10	20.50
20	256QAM	50	24	18.95	19.13	18.97	20.50
20	256QAM	50	50	19.09	19.21	19.13	20.50
20	256QAM	100	0	19.00	19.16	19.04	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.29	19.33	19.24	20.50
15	QPSK	1	37	18.95	19.08	18.85	20.50
15	QPSK	1	74	18.90	19.12	18.87	20.50
15	QPSK	36	0	19.17	19.29	19.19	20.50
15	QPSK	36	20	18.96	19.04	18.95	20.50
15	QPSK	36	39	18.90	19.02	18.97	20.50
15	QPSK	75	0	19.19	19.29	19.22	20.50



15	16QAM	1	0	18.98	19.10	19.02	20.50
15	16QAM	1	37	18.89	18.94	18.92	20.50
15	16QAM	1	74	19.07	19.05	18.92	20.50
15	16QAM	36	0	18.83	19.06	18.96	20.50
15	16QAM	36	20	19.06	19.08	19.00	20.50
15	16QAM	36	39	18.90	19.15	19.07	20.50
15	16QAM	75	0	18.81	18.93	18.98	20.50
15	64QAM	1	0	18.93	19.09	18.84	20.50
15	64QAM	1	37	19.06	19.06	18.94	20.50
15	64QAM	1	74	18.91	19.03	18.85	20.50
15	64QAM	36	0	18.93	19.08	18.94	20.50
15	64QAM	36	20	19.01	19.19	18.99	20.50
15	64QAM	36	39	18.88	18.96	18.86	20.50
15	64QAM	75	0	18.84	18.99	18.84	20.50
15	256QAM	1	0	18.89	19.09	18.84	20.50
15	256QAM	1	37	18.99	19.04	18.91	20.50
15	256QAM	1	74	19.03	19.09	18.98	20.50
15	256QAM	36	0	19.03	19.07	19.05	20.50
15	256QAM	36	20	18.85	19.02	18.95	20.50
15	256QAM	36	39	19.01	19.16	19.07	20.50
15	256QAM	75	0	18.96	19.12	19.03	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.37	19.31	19.25	20.50
10	QPSK	1	25	19.00	19.10	18.96	20.50
10	QPSK	1	49	18.92	19.05	18.95	20.50
10	QPSK	25	0	19.27	19.26	19.17	20.50
10	QPSK	25	12	18.88	19.09	19.00	20.50
10	QPSK	25	25	18.94	19.13	18.95	20.50
10	QPSK	50	0	19.23	19.19	19.16	20.50
10	16QAM	1	0	18.99	19.10	18.97	20.50
10	16QAM	1	25	18.84	18.96	18.91	20.50
10	16QAM	1	49	19.07	19.04	18.97	20.50
10	16QAM	25	0	18.84	19.01	18.94	20.50
10	16QAM	25	12	19.00	19.08	18.96	20.50
10	16QAM	25	25	19.00	19.06	19.04	20.50
10	16QAM	50	0	18.81	19.06	18.96	20.50
10	64QAM	1	0	18.92	19.05	18.85	20.50
10	64QAM	1	25	18.95	19.05	18.93	20.50
10	64QAM	1	49	18.90	19.05	18.89	20.50
10	64QAM	25	0	18.81	19.11	18.96	20.50
10	64QAM	25	12	19.00	19.09	19.01	20.50
10	64QAM	25	25	18.78	19.02	18.89	20.50
10	64QAM	50	0	18.84	19.04	18.80	20.50
10	256QAM	1	0	18.88	19.06	18.89	20.50
10	256QAM	1	25	18.94	19.02	18.96	20.50
10	256QAM	1	49	18.92	19.05	18.97	20.50
10	256QAM	25	0	18.92	19.08	19.07	20.50
10	256QAM	25	12	18.89	19.02	18.93	20.50
10	256QAM	25	25	19.08	19.17	19.00	20.50
10	256QAM	50	0	18.87	19.13	18.94	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.25	19.29	19.36	20.50
5	QPSK	1	12	19.01	19.05	18.90	20.50
5	QPSK	1	24	19.02	19.10	18.86	20.50
5	QPSK	12	0	19.22	19.26	19.23	20.50
5	QPSK	12	7	19.01	18.98	19.00	20.50
5	QPSK	12	13	18.90	19.04	18.93	20.50
5	QPSK	25	0	19.21	19.18	19.22	20.50
5	16QAM	1	0	19.01	19.05	19.01	20.50
5	16QAM	1	12	18.84	19.03	18.94	20.50
5	16QAM	1	24	19.02	19.05	18.95	20.50
5	16QAM	12	0	18.86	18.96	18.92	20.50
5	16QAM	12	7	18.99	19.00	18.90	20.50
5	16QAM	12	13	18.87	19.10	19.03	20.50
5	16QAM	25	0	18.78	18.97	18.91	20.50
5	64QAM	1	0	18.81	19.06	18.90	20.50
5	64QAM	1	12	18.96	19.11	19.04	20.50
5	64QAM	1	24	19.03	18.97	18.90	20.50
5	64QAM	12	0	18.87	19.00	18.94	20.50
5	64QAM	12	7	19.04	19.12	19.00	20.50
5	64QAM	12	13	18.83	19.02	18.88	20.50
5	64QAM	25	0	18.84	19.01	18.86	20.50
5	256QAM	1	0	18.95	19.10	18.82	20.50
5	256QAM	1	12	18.89	18.99	18.91	20.50
5	256QAM	1	24	18.93	19.07	18.96	20.50
5	256QAM	12	0	18.99	19.06	19.01	20.50



5	256QAM	12	7	18.83	18.98	18.89	20.50
5	256QAM	12	13	18.99	19.10	19.06	20.50
5	256QAM	25	0	18.95	19.15	18.94	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.28	19.32	19.37	20.50
3	QPSK	1	8	18.95	19.03	18.90	20.50
3	QPSK	1	14	18.91	19.01	18.96	20.50
3	QPSK	8	0	19.16	19.34	19.30	20.50
3	QPSK	8	4	18.99	19.04	18.97	20.50
3	QPSK	8	7	18.97	19.03	18.95	20.50
3	QPSK	15	0	19.19	19.28	19.20	20.50
3	16QAM	1	0	18.98	19.11	19.02	20.50
3	16QAM	1	8	18.81	19.05	18.89	20.50
3	16QAM	1	14	19.12	19.11	19.02	20.50
3	16QAM	8	0	18.87	19.00	18.99	20.50
3	16QAM	8	4	19.05	19.01	18.98	20.50
3	16QAM	8	7	18.97	19.05	18.96	20.50
3	16QAM	15	0	18.78	19.06	18.90	20.50
3	64QAM	1	0	18.93	19.09	18.91	20.50
3	64QAM	1	8	19.07	19.06	18.95	20.50
3	64QAM	1	14	18.90	18.97	18.92	20.50
3	64QAM	8	0	18.85	19.00	19.02	20.50
3	64QAM	8	4	18.92	19.15	18.97	20.50
3	64QAM	8	7	18.89	19.03	18.84	20.50
3	64QAM	15	0	18.79	18.96	18.88	20.50
3	256QAM	1	0	18.98	19.14	18.94	20.50
3	256QAM	1	8	18.97	19.06	18.84	20.50
3	256QAM	1	14	18.94	19.16	19.00	20.50
3	256QAM	8	0	19.03	19.03	19.02	20.50
3	256QAM	8	4	18.84	19.12	18.88	20.50
3	256QAM	8	7	18.97	19.19	19.02	20.50
3	256QAM	15	0	18.93	19.06	18.92	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.29	19.35	19.37	20.50
1.4	QPSK	1	3	19.00	19.05	18.91	20.50
1.4	QPSK	1	5	18.91	19.01	18.89	20.50
1.4	QPSK	3	0	19.17	19.23	19.27	20.50
1.4	QPSK	3	1	18.98	19.04	18.94	20.50
1.4	QPSK	3	3	18.91	19.02	19.00	20.50
1.4	QPSK	6	0	19.18	19.17	19.23	20.50
1.4	16QAM	1	0	18.91	19.11	19.02	20.50
1.4	16QAM	1	3	18.85	19.05	18.96	20.50
1.4	16QAM	1	5	19.10	19.04	18.96	20.50
1.4	16QAM	3	0	18.80	18.94	18.87	20.50
1.4	16QAM	3	1	19.03	19.03	18.88	20.50
1.4	16QAM	3	3	18.92	19.07	19.00	20.50
1.4	16QAM	6	0	18.89	18.94	18.90	20.50
1.4	64QAM	1	0	18.86	19.00	18.88	20.50
1.4	64QAM	1	3	18.95	19.05	19.02	20.50
1.4	64QAM	1	5	18.90	19.07	18.90	20.50
1.4	64QAM	3	0	18.85	19.00	18.97	20.50
1.4	64QAM	3	1	19.02	19.15	18.98	20.50
1.4	64QAM	3	3	18.86	18.98	18.86	20.50
1.4	64QAM	6	0	18.88	18.99	18.83	20.50
1.4	256QAM	1	0	18.91	19.03	18.85	20.50
1.4	256QAM	1	3	18.97	18.99	18.96	20.50
1.4	256QAM	1	5	18.98	19.10	18.90	20.50
1.4	256QAM	3	0	19.02	19.03	19.02	20.50
1.4	256QAM	3	1	18.85	19.09	18.96	20.50
1.4	256QAM	3	3	19.05	19.08	19.09	20.50
1.4	256QAM	6	0	18.91	19.08	18.98	20.50

【LTE Band 2_Ant 2_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	20.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.31	19.36	19.33	20.00
20	QPSK	1	49	19.06	19.22	19.10	20.00
20	QPSK	1	99	18.95	19.13	19.08	20.00
20	QPSK	50	0	19.22	19.27	19.25	20.00
20	QPSK	50	24	19.07	19.21	19.07	20.00
20	QPSK	50	50	19.16	19.26	19.20	20.00
20	QPSK	100	0	19.19	19.21	19.20	20.00
20	16QAM	1	0	18.95	19.08	18.96	20.00
20	16QAM	1	49	19.06	19.13	19.04	20.00
20	16QAM	1	99	19.08	19.17	19.02	20.00
20	16QAM	50	0	19.10	19.17	19.01	20.00
20	16QAM	50	24	19.01	19.13	18.99	20.00
20	16QAM	50	50	19.07	19.15	19.06	20.00
20	16QAM	100	0	19.03	19.20	19.12	20.00
20	64QAM	1	0	19.08	19.16	19.04	20.00
20	64QAM	1	49	18.91	19.09	18.95	20.00
20	64QAM	1	99	18.90	19.07	18.96	20.00
20	64QAM	50	0	19.02	19.14	19.00	20.00
20	64QAM	50	24	18.92	19.11	18.97	20.00
20	64QAM	50	50	19.03	19.09	19.01	20.00
20	64QAM	100	0	19.00	19.08	18.93	20.00
20	256QAM	1	0	18.94	19.08	18.94	20.00
20	256QAM	1	49	18.83	19.00	18.84	20.00
20	256QAM	1	99	19.03	19.07	18.95	20.00
20	256QAM	50	0	18.97	19.12	18.96	20.00
20	256QAM	50	24	19.09	19.13	18.91	20.00
20	256QAM	50	50	19.05	19.12	18.93	20.00
20	256QAM	100	0	19.08	19.14	18.92	20.00
Channel				18675	18900	19125	20.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.16	19.22	19.28	20.00
15	QPSK	1	37	18.98	19.10	19.08	20.00
15	QPSK	1	74	18.81	19.08	19.04	20.00
15	QPSK	36	0	19.09	19.24	19.14	20.00
15	QPSK	36	20	19.01	19.16	18.97	20.00
15	QPSK	36	39	19.10	19.12	19.14	20.00
15	QPSK	75	0	19.15	19.12	19.18	20.00
15	16QAM	1	0	18.81	18.94	18.91	20.00
15	16QAM	1	37	19.02	18.99	18.91	20.00
15	16QAM	1	74	19.02	19.14	18.90	20.00
15	16QAM	36	0	18.96	19.12	18.95	20.00
15	16QAM	36	20	18.98	19.10	18.94	20.00
15	16QAM	36	39	18.95	19.09	19.04	20.00
15	16QAM	75	0	18.88	19.15	19.10	20.00
15	64QAM	1	0	19.05	19.10	19.02	20.00
15	64QAM	1	37	18.90	18.97	18.89	20.00
15	64QAM	1	74	18.82	19.05	18.84	20.00
15	64QAM	36	0	18.99	18.99	18.87	20.00
15	64QAM	36	20	18.89	19.00	18.90	20.00
15	64QAM	36	39	19.02	18.98	18.96	20.00
15	64QAM	75	0	18.87	18.95	18.80	20.00
15	256QAM	1	0	18.87	19.06	18.90	20.00
15	256QAM	1	37	18.75	18.88	18.70	20.00
15	256QAM	1	74	18.89	19.05	18.91	20.00
15	256QAM	36	0	18.88	18.97	18.88	20.00
15	256QAM	36	20	19.03	19.08	18.78	20.00
15	256QAM	36	39	18.90	19.11	18.78	20.00
15	256QAM	75	0	19.05	19.02	18.89	20.00
Channel				18650	18900	19150	20.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.23	19.30	19.27	20.00
10	QPSK	1	25	18.94	19.12	19.04	20.00
10	QPSK	1	49	18.93	19.03	18.95	20.00
10	QPSK	25	0	19.15	19.22	19.24	20.00
10	QPSK	25	12	19.05	19.18	18.95	20.00
10	QPSK	25	25	19.04	19.22	19.14	20.00
10	QPSK	50	0	19.14	19.11	19.10	20.00
10	16QAM	1	0	18.88	18.99	18.90	20.00
10	16QAM	1	25	19.01	19.06	19.03	20.00
10	16QAM	1	49	18.96	19.05	18.96	20.00
10	16QAM	25	0	19.03	19.10	18.90	20.00



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10	16QAM	25	12	18.96	19.05	18.96	20.00
10	16QAM	25	25	19.00	19.06	19.01	20.00
10	16QAM	50	0	19.00	19.05	19.07	20.00
10	64QAM	1	0	18.97	19.03	19.01	20.00
10	64QAM	1	25	18.79	19.06	18.90	20.00
10	64QAM	1	49	18.83	19.05	18.88	20.00
10	64QAM	25	0	18.92	19.09	18.99	20.00
10	64QAM	25	12	18.78	19.05	18.94	20.00
10	64QAM	25	25	18.98	18.94	18.91	20.00
10	64QAM	50	0	18.87	19.06	18.82	20.00
10	256QAM	1	0	18.84	18.96	18.92	20.00
10	256QAM	1	25	18.71	18.91	18.74	20.00
10	256QAM	1	49	19.00	19.05	18.85	20.00
10	256QAM	25	0	18.94	18.98	18.91	20.00
10	256QAM	25	12	19.07	19.05	18.78	20.00
10	256QAM	25	25	18.94	18.97	18.90	20.00
10	256QAM	50	0	18.98	19.12	18.90	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.30	19.28	19.21	20.00
5	QPSK	1	12	19.02	19.20	18.96	20.00
5	QPSK	1	24	18.84	19.07	18.97	20.00
5	QPSK	12	0	19.07	19.25	19.13	20.00
5	QPSK	12	7	19.03	19.08	19.01	20.00
5	QPSK	12	13	19.06	19.19	19.11	20.00
5	QPSK	25	0	19.09	19.14	19.08	20.00
5	16QAM	1	0	18.91	18.94	18.91	20.00
5	16QAM	1	12	19.04	19.08	18.95	20.00
5	16QAM	1	24	18.95	19.12	18.93	20.00
5	16QAM	12	0	19.03	19.05	18.90	20.00
5	16QAM	12	7	18.94	19.00	18.96	20.00
5	16QAM	12	13	18.99	19.03	18.99	20.00
5	16QAM	25	0	18.93	19.11	18.99	20.00
5	64QAM	1	0	19.03	19.02	19.01	20.00
5	64QAM	1	12	18.86	19.05	18.84	20.00
5	64QAM	1	24	18.79	19.02	18.90	20.00
5	64QAM	12	0	18.90	19.00	18.85	20.00
5	64QAM	12	7	18.82	19.04	18.90	20.00
5	64QAM	12	13	18.89	18.98	18.89	20.00
5	64QAM	25	0	18.89	19.04	18.86	20.00
5	256QAM	1	0	18.83	19.00	18.87	20.00
5	256QAM	1	12	18.76	18.96	18.73	20.00
5	256QAM	1	24	18.90	19.02	18.92	20.00
5	256QAM	12	0	18.94	19.08	18.82	20.00
5	256QAM	12	7	19.05	19.01	18.85	20.00
5	256QAM	12	13	18.92	19.04	18.92	20.00
5	256QAM	25	0	19.05	19.05	18.80	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.22	19.21	19.31	20.00
3	QPSK	1	8	18.94	19.15	19.02	20.00
3	QPSK	1	14	18.84	18.99	18.99	20.00
3	QPSK	8	0	19.13	19.12	19.12	20.00
3	QPSK	8	4	18.95	19.10	19.03	20.00
3	QPSK	8	7	19.05	19.22	19.10	20.00
3	QPSK	15	0	19.14	19.14	19.06	20.00
3	16QAM	1	0	18.88	19.02	18.93	20.00
3	16QAM	1	8	19.02	19.05	19.00	20.00
3	16QAM	1	14	19.05	19.10	18.93	20.00
3	16QAM	8	0	18.99	19.05	18.93	20.00
3	16QAM	8	4	18.90	19.01	18.89	20.00
3	16QAM	8	7	18.95	19.01	19.02	20.00
3	16QAM	15	0	18.94	19.05	19.07	20.00
3	64QAM	1	0	19.00	19.10	18.92	20.00
3	64QAM	1	8	18.77	18.96	18.92	20.00
3	64QAM	1	14	18.78	19.01	18.91	20.00
3	64QAM	8	0	18.97	19.03	18.86	20.00
3	64QAM	8	4	18.90	18.98	18.93	20.00
3	64QAM	8	7	19.01	19.00	18.94	20.00
3	64QAM	15	0	18.91	18.95	18.92	20.00
3	256QAM	1	0	18.80	18.93	18.80	20.00
3	256QAM	1	8	18.72	18.99	18.73	20.00
3	256QAM	1	14	19.01	18.93	18.83	20.00
3	256QAM	8	0	18.89	19.05	18.84	20.00
3	256QAM	8	4	19.06	19.04	18.86	20.00
3	256QAM	8	7	19.03	19.04	18.87	20.00
3	256QAM	15	0	19.00	19.09	18.89	20.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.18	19.30	19.19	20.00
1.4	QPSK	1	3	18.92	19.10	19.06	20.00
1.4	QPSK	1	5	18.85	19.07	18.95	20.00
1.4	QPSK	3	0	19.13	19.18	19.23	20.00
1.4	QPSK	3	1	18.94	19.09	18.98	20.00
1.4	QPSK	3	3	19.07	19.23	19.09	20.00
1.4	QPSK	6	0	19.16	19.10	19.16	20.00
1.4	16QAM	1	0	18.81	19.01	18.87	20.00
1.4	16QAM	1	3	18.92	19.04	18.94	20.00
1.4	16QAM	1	5	18.96	19.12	18.99	20.00
1.4	16QAM	3	0	19.04	19.13	18.97	20.00
1.4	16QAM	3	1	18.95	19.00	18.90	20.00
1.4	16QAM	3	3	19.03	19.02	18.94	20.00
1.4	16QAM	6	0	18.95	19.14	19.02	20.00
1.4	64QAM	1	0	19.03	19.06	18.97	20.00
1.4	64QAM	1	3	18.83	18.99	18.81	20.00
1.4	64QAM	1	5	18.88	18.94	18.89	20.00
1.4	64QAM	3	0	18.94	18.99	18.92	20.00
1.4	64QAM	3	1	18.86	18.97	18.95	20.00
1.4	64QAM	3	3	18.97	19.02	18.89	20.00
1.4	64QAM	6	0	18.91	18.95	18.79	20.00
1.4	256QAM	1	0	18.80	19.04	18.85	20.00
1.4	256QAM	1	3	18.75	18.89	18.77	20.00
1.4	256QAM	1	5	18.88	18.93	18.83	20.00
1.4	256QAM	3	0	18.90	19.02	18.94	20.00
1.4	256QAM	3	1	18.96	19.02	18.88	20.00
1.4	256QAM	3	3	18.99	19.05	18.86	20.00
1.4	256QAM	6	0	18.97	19.07	18.82	20.00

【LTE Band 2_Ant 2_ECI4】

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	24.26	24.29	24.19	25.00
20	QPSK	1	49	24.05	24.13	23.91	25.00
20	QPSK	1	99	24.10	24.21	24.05	25.00
20	QPSK	50	0	23.23	23.31	23.18	24.00
20	QPSK	50	24	23.15	23.28	23.09	24.00
20	QPSK	50	50	23.19	23.29	23.14	24.00
20	QPSK	100	0	23.21	23.28	23.14	24.00
20	16QAM	1	0	23.27	23.44	23.30	24.00
20	16QAM	1	49	23.30	23.36	23.17	24.00
20	16QAM	1	99	23.29	23.41	23.28	24.00
20	16QAM	50	0	22.24	22.31	22.19	23.00
20	16QAM	50	24	22.21	22.29	22.14	23.00
20	16QAM	50	50	22.26	22.30	22.19	23.00
20	16QAM	100	0	22.20	22.29	22.17	23.00
20	64QAM	1	0	22.43	22.49	22.32	23.00
20	64QAM	1	49	22.23	22.39	22.22	23.00
20	64QAM	1	99	22.33	22.43	22.22	23.00
20	64QAM	50	0	21.21	21.30	21.11	22.00
20	64QAM	50	24	21.20	21.28	21.11	22.00
20	64QAM	50	50	21.28	21.32	21.21	22.00
20	64QAM	100	0	21.21	21.30	21.10	22.00
20	256QAM	1	0	19.34	19.44	19.34	20.00
20	256QAM	1	49	19.24	19.30	19.14	20.00
20	256QAM	1	99	19.25	19.42	19.27	20.00
20	256QAM	50	0	19.20	19.28	19.06	20.00
20	256QAM	50	24	19.10	19.26	19.10	20.00
20	256QAM	50	50	19.25	19.29	19.14	20.00
20	256QAM	100	0	19.19	19.27	19.07	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.22	24.14	24.08	25.00
15	QPSK	1	37	23.99	24.08	23.82	25.00
15	QPSK	1	74	24.00	24.13	23.94	25.00
15	QPSK	36	0	23.15	23.16	22.93	24.00
15	QPSK	36	20	23.04	23.22	23.04	24.00
15	QPSK	36	39	23.13	23.19	23.10	24.00
15	QPSK	75	0	23.15	23.17	23.01	24.00



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15	16QAM	1	0	23.24	23.37	23.26	24.00
15	16QAM	1	37	23.16	23.26	23.16	24.00
15	16QAM	1	74	23.17	23.34	23.25	24.00
15	16QAM	36	0	22.14	22.21	22.14	23.00
15	16QAM	36	20	22.11	22.22	22.03	23.00
15	16QAM	36	39	22.15	22.26	22.09	23.00
15	16QAM	75	0	22.18	22.14	22.08	23.00
15	64QAM	1	0	22.29	22.41	22.20	23.00
15	64QAM	1	37	22.21	22.28	22.15	23.00
15	64QAM	1	74	22.19	22.32	22.17	23.00
15	64QAM	36	0	21.13	21.29	21.00	22.00
15	64QAM	36	20	21.11	21.21	21.05	22.00
15	64QAM	36	39	21.14	21.21	21.09	22.00
15	64QAM	75	0	21.08	21.25	20.96	22.00
15	256QAM	1	0	19.29	19.36	19.22	20.00
15	256QAM	1	37	19.22	19.26	19.09	20.00
15	256QAM	1	74	19.23	19.27	19.14	20.00
15	256QAM	36	0	19.06	19.24	19.03	20.00
15	256QAM	36	20	19.05	19.13	19.04	20.00
15	256QAM	36	39	19.11	19.15	19.08	20.00
15	256QAM	75	0	19.05	19.23	18.98	20.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.18	24.16	24.14	25.00
10	QPSK	1	25	23.97	24.12	23.77	25.00
10	QPSK	1	49	23.96	24.10	23.93	25.00
10	QPSK	25	0	23.18	23.20	23.04	24.00
10	QPSK	25	12	23.12	23.15	23.03	24.00
10	QPSK	25	25	23.16	23.25	23.10	24.00
10	QPSK	50	0	23.12	23.21	23.01	24.00
10	16QAM	1	0	23.24	23.39	23.29	24.00
10	16QAM	1	25	23.20	23.30	23.11	24.00
10	16QAM	1	49	23.27	23.34	23.26	24.00
10	16QAM	25	0	22.10	22.20	22.04	23.00
10	16QAM	25	12	22.13	22.15	22.13	23.00
10	16QAM	25	25	22.23	22.16	22.17	23.00
10	16QAM	50	0	22.07	22.27	22.10	23.00
10	64QAM	1	0	22.38	22.35	22.21	23.00
10	64QAM	1	25	22.22	22.30	22.12	23.00
10	64QAM	1	49	22.26	22.29	22.18	23.00
10	64QAM	25	0	21.14	21.26	21.03	22.00
10	64QAM	25	12	21.11	21.19	20.99	22.00
10	64QAM	25	25	21.23	21.23	21.11	22.00
10	64QAM	50	0	21.20	21.25	20.96	22.00
10	256QAM	1	0	19.21	19.42	19.27	20.00
10	256QAM	1	25	19.18	19.17	19.07	20.00
10	256QAM	1	49	19.21	19.31	19.23	20.00
10	256QAM	25	0	19.15	19.16	19.02	20.00
10	256QAM	25	12	19.06	19.24	19.07	20.00
10	256QAM	25	25	19.18	19.26	19.00	20.00
10	256QAM	50	0	19.14	19.24	18.99	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.20	24.22	24.06	25.00
5	QPSK	1	12	23.99	24.10	23.86	25.00
5	QPSK	1	24	24.07	24.17	24.02	25.00
5	QPSK	12	0	23.19	23.18	22.97	24.00
5	QPSK	12	7	23.03	23.23	23.07	24.00
5	QPSK	12	13	23.07	23.18	23.07	24.00
5	QPSK	25	0	23.17	23.19	23.03	24.00
5	16QAM	1	0	23.15	23.41	23.25	24.00
5	16QAM	1	12	23.25	23.24	23.15	24.00
5	16QAM	1	24	23.20	23.33	23.22	24.00
5	16QAM	12	0	22.21	22.23	22.11	23.00
5	16QAM	12	7	22.07	22.27	22.00	23.00
5	16QAM	12	13	22.17	22.19	22.05	23.00
5	16QAM	25	0	22.06	22.16	22.09	23.00
5	64QAM	1	0	22.38	22.38	22.25	23.00
5	64QAM	1	12	22.12	22.26	22.09	23.00
5	64QAM	1	24	22.21	22.36	22.16	23.00
5	64QAM	12	0	21.17	21.23	21.03	22.00
5	64QAM	12	7	21.16	21.19	20.99	22.00
5	64QAM	12	13	21.25	21.20	21.09	22.00
5	64QAM	25	0	21.06	21.27	20.99	22.00
5	256QAM	1	0	19.20	19.31	19.22	20.00
5	256QAM	1	12	19.18	19.21	19.11	20.00
5	256QAM	1	24	19.14	19.40	19.20	20.00
5	256QAM	12	0	19.17	19.21	18.99	20.00



5	256QAM	12	7	19.07	19.15	19.03	20.00
5	256QAM	12	13	19.18	19.27	19.05	20.00
5	256QAM	25	0	19.09	19.24	18.98	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.20	24.25	24.16	25.00
3	QPSK	1	8	23.99	24.09	23.86	25.00
3	QPSK	1	14	24.07	24.10	24.04	25.00
3	QPSK	8	0	23.21	23.25	23.04	24.00
3	QPSK	8	4	23.12	23.15	22.98	24.00
3	QPSK	8	7	23.07	23.23	23.05	24.00
3	QPSK	15	0	23.07	23.14	23.10	24.00
3	16QAM	1	0	23.22	23.41	23.21	24.00
3	16QAM	1	8	23.28	23.23	23.06	24.00
3	16QAM	1	14	23.24	23.40	23.24	24.00
3	16QAM	8	0	22.15	22.16	22.15	23.00
3	16QAM	8	4	22.17	22.19	22.07	23.00
3	16QAM	8	7	22.13	22.22	22.06	23.00
3	16QAM	15	0	22.08	22.28	22.10	23.00
3	64QAM	1	0	22.28	22.39	22.28	23.00
3	64QAM	1	8	22.14	22.29	22.18	23.00
3	64QAM	1	14	22.28	22.29	22.17	23.00
3	64QAM	8	0	21.11	21.19	21.07	22.00
3	64QAM	8	4	21.11	21.13	20.97	22.00
3	64QAM	8	7	21.24	21.27	21.17	22.00
3	64QAM	15	0	21.20	21.16	21.03	22.00
3	256QAM	1	0	19.29	19.33	19.25	20.00
3	256QAM	1	8	19.20	19.28	19.04	20.00
3	256QAM	1	14	19.13	19.39	19.14	20.00
3	256QAM	8	0	19.16	19.13	19.00	20.00
3	256QAM	8	4	18.97	19.14	18.96	20.00
3	256QAM	8	7	19.17	19.18	19.06	20.00
3	256QAM	15	0	19.09	19.20	19.03	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.18	24.25	24.11	25.00
1.4	QPSK	1	3	23.92	24.04	23.85	25.00
1.4	QPSK	1	5	24.05	24.20	23.92	25.00
1.4	QPSK	3	0	24.13	24.25	24.06	25.00
1.4	QPSK	3	1	24.01	24.13	23.99	25.00
1.4	QPSK	3	3	24.14	24.25	24.11	25.00
1.4	QPSK	6	0	23.16	23.16	23.08	24.00
1.4	16QAM	1	0	23.17	23.37	23.24	24.00
1.4	16QAM	1	3	23.23	23.31	23.10	24.00
1.4	16QAM	1	5	23.24	23.33	23.25	24.00
1.4	16QAM	3	0	23.17	23.27	23.15	24.00
1.4	16QAM	3	1	23.12	23.27	23.11	24.00
1.4	16QAM	3	3	23.17	23.26	23.11	24.00
1.4	16QAM	6	0	22.15	22.18	22.10	23.00
1.4	64QAM	1	0	22.35	22.40	22.23	23.00
1.4	64QAM	1	3	22.22	22.33	22.21	23.00
1.4	64QAM	1	5	22.19	22.40	22.17	23.00
1.4	64QAM	3	0	22.09	22.27	22.04	23.00
1.4	64QAM	3	1	22.05	22.18	22.03	23.00
1.4	64QAM	3	3	22.19	22.28	22.17	23.00
1.4	64QAM	6	0	21.16	21.19	21.04	22.00
1.4	256QAM	1	0	19.27	19.39	19.21	20.00
1.4	256QAM	1	3	19.22	19.27	19.07	20.00
1.4	256QAM	1	5	19.19	19.41	19.23	20.00
1.4	256QAM	3	0	19.18	19.24	19.00	20.00
1.4	256QAM	3	1	18.96	19.21	18.99	20.00
1.4	256QAM	3	3	19.20	19.23	19.11	20.00
1.4	256QAM	6	0	19.05	19.22	19.06	20.00

【LTE Band 2_Ant 2_ECI4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.33	24.38	24.37	25.50
20	QPSK	1	49	24.10	24.26	24.19	25.50
20	QPSK	1	99	24.22	24.29	24.26	25.50
20	QPSK	50	0	23.19	23.33	23.31	24.50
20	QPSK	50	24	23.17	23.25	23.22	24.50
20	QPSK	50	50	23.14	23.32	23.29	24.50
20	QPSK	100	0	23.20	23.28	23.17	24.50
20	16QAM	1	0	23.28	23.34	23.30	24.50
20	16QAM	1	49	23.14	23.27	23.18	24.50
20	16QAM	1	99	23.14	23.32	23.28	24.50
20	16QAM	50	0	22.11	22.30	22.23	23.50
20	16QAM	50	24	22.10	22.24	22.22	23.50
20	16QAM	50	50	22.20	22.31	22.22	23.50
20	16QAM	100	0	22.15	22.30	22.17	23.50
20	64QAM	1	0	22.22	22.39	22.30	23.50
20	64QAM	1	49	22.14	22.26	22.12	23.50
20	64QAM	1	99	22.18	22.24	22.15	23.50
20	64QAM	50	0	21.22	21.34	21.27	22.50
20	64QAM	50	24	21.09	21.28	21.13	22.50
20	64QAM	50	50	21.16	21.25	21.12	22.50
20	64QAM	100	0	21.30	21.40	21.28	22.50
20	256QAM	1	0	19.13	19.19	19.05	20.50
20	256QAM	1	49	19.08	19.23	19.14	20.50
20	256QAM	1	99	18.95	19.13	18.98	20.50
20	256QAM	50	0	19.08	19.26	19.21	20.50
20	256QAM	50	24	19.09	19.27	19.18	20.50
20	256QAM	50	50	19.19	19.25	19.11	20.50
20	256QAM	100	0	19.18	19.25	19.20	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.28	24.25	24.32	25.50
15	QPSK	1	37	24.02	24.16	24.09	25.50
15	QPSK	1	74	24.07	24.23	24.18	25.50
15	QPSK	36	0	23.09	23.28	23.10	24.50
15	QPSK	36	20	23.05	23.18	23.17	24.50
15	QPSK	36	39	23.11	23.23	23.26	24.50
15	QPSK	75	0	23.06	23.21	23.03	24.50
15	16QAM	1	0	23.18	23.21	23.19	24.50
15	16QAM	1	37	23.08	23.25	23.05	24.50
15	16QAM	1	74	23.05	23.29	23.25	24.50
15	16QAM	36	0	22.08	22.15	22.18	23.50
15	16QAM	36	20	22.02	22.16	22.17	23.50
15	16QAM	36	39	22.06	22.28	22.12	23.50
15	16QAM	75	0	22.11	22.20	22.13	23.50
15	64QAM	1	0	22.20	22.26	22.18	23.50
15	64QAM	1	37	22.11	22.16	21.97	23.50
15	64QAM	1	74	22.14	22.10	22.12	23.50
15	64QAM	36	0	21.13	21.30	21.23	22.50
15	64QAM	36	20	21.03	21.16	21.12	22.50
15	64QAM	36	39	21.04	21.16	21.01	22.50
15	64QAM	75	0	21.19	21.33	21.20	22.50
15	256QAM	1	0	19.07	19.17	18.95	20.50
15	256QAM	1	37	18.95	19.20	19.09	20.50
15	256QAM	1	74	18.84	19.09	18.85	20.50
15	256QAM	36	0	18.95	19.17	19.19	20.50
15	256QAM	36	20	18.97	19.25	19.05	20.50
15	256QAM	36	39	19.06	19.12	18.98	20.50
15	256QAM	75	0	19.07	19.24	19.10	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.21	24.25	24.32	25.50
10	QPSK	1	25	24.02	24.13	24.09	25.50
10	QPSK	1	49	24.11	24.25	24.12	25.50
10	QPSK	25	0	23.17	23.21	23.08	24.50
10	QPSK	25	12	23.15	23.12	23.16	24.50
10	QPSK	25	25	23.01	23.26	23.18	24.50
10	QPSK	50	0	23.12	23.24	23.15	24.50
10	16QAM	1	0	23.25	23.21	23.20	24.50
10	16QAM	1	25	23.06	23.21	23.04	24.50
10	16QAM	1	49	23.01	23.25	23.16	24.50
10	16QAM	25	0	22.08	22.22	22.10	23.50



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10	16QAM	25	12	22.09	22.10	22.17	23.50
10	16QAM	25	25	22.17	22.23	22.20	23.50
10	16QAM	50	0	22.03	22.24	22.04	23.50
10	64QAM	1	0	22.19	22.26	22.20	23.50
10	64QAM	1	25	22.07	22.19	22.10	23.50
10	64QAM	1	49	22.03	22.11	22.12	23.50
10	64QAM	25	0	21.17	21.24	21.21	22.50
10	64QAM	25	12	21.02	21.23	21.10	22.50
10	64QAM	25	25	21.01	21.13	21.03	22.50
10	64QAM	50	0	21.28	21.32	21.20	22.50
10	256QAM	1	0	18.99	19.17	19.04	20.50
10	256QAM	1	25	19.01	19.08	19.08	20.50
10	256QAM	1	49	18.89	19.01	18.91	20.50
10	256QAM	25	0	18.99	19.14	19.12	20.50
10	256QAM	25	12	19.08	19.26	19.16	20.50
10	256QAM	25	25	19.07	19.14	19.07	20.50
10	256QAM	50	0	19.08	19.11	19.12	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.22	24.33	24.23	25.50
5	QPSK	1	12	24.04	24.22	24.10	25.50
5	QPSK	1	24	24.08	24.15	24.17	25.50
5	QPSK	12	0	23.04	23.28	23.19	24.50
5	QPSK	12	7	23.02	23.19	23.12	24.50
5	QPSK	12	13	23.01	23.26	23.15	24.50
5	QPSK	25	0	23.09	23.21	23.07	24.50
5	16QAM	1	0	23.20	23.29	23.16	24.50
5	16QAM	1	12	23.04	23.26	23.11	24.50
5	16QAM	1	24	23.11	23.18	23.17	24.50
5	16QAM	12	0	22.03	22.17	22.12	23.50
5	16QAM	12	7	22.05	22.15	22.08	23.50
5	16QAM	12	13	22.18	22.26	22.15	23.50
5	16QAM	25	0	22.02	22.18	22.14	23.50
5	64QAM	1	0	22.10	22.33	22.16	23.50
5	64QAM	1	12	22.08	22.21	22.05	23.50
5	64QAM	1	24	22.12	22.19	22.13	23.50
5	64QAM	12	0	21.15	21.21	21.19	22.50
5	64QAM	12	7	20.97	21.18	20.98	22.50
5	64QAM	12	13	21.12	21.23	21.01	22.50
5	64QAM	25	0	21.27	21.30	21.26	22.50
5	256QAM	1	0	19.03	19.13	19.03	20.50
5	256QAM	1	12	19.03	19.18	19.13	20.50
5	256QAM	1	24	18.85	18.99	18.94	20.50
5	256QAM	12	0	18.96	19.21	19.10	20.50
5	256QAM	12	7	19.02	19.18	19.16	20.50
5	256QAM	12	13	19.05	19.22	19.03	20.50
5	256QAM	25	0	19.03	19.24	19.07	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.29	24.30	24.25	25.50
3	QPSK	1	8	24.06	24.11	24.15	25.50
3	QPSK	1	14	24.19	24.15	24.14	25.50
3	QPSK	8	0	23.04	23.21	23.09	24.50
3	QPSK	8	4	23.09	23.13	23.16	24.50
3	QPSK	8	7	23.03	23.27	23.18	24.50
3	QPSK	15	0	23.18	23.23	23.08	24.50
3	16QAM	1	0	23.24	23.21	23.22	24.50
3	16QAM	1	8	23.08	23.17	23.09	24.50
3	16QAM	1	14	23.09	23.23	23.16	24.50
3	16QAM	8	0	22.04	22.29	22.09	23.50
3	16QAM	8	4	22.06	22.18	22.15	23.50
3	16QAM	8	7	22.10	22.27	22.11	23.50
3	16QAM	15	0	22.06	22.19	22.13	23.50
3	64QAM	1	0	22.20	22.36	22.21	23.50
3	64QAM	1	8	22.01	22.20	22.05	23.50
3	64QAM	1	14	22.11	22.21	22.02	23.50
3	64QAM	8	0	21.12	21.27	21.18	22.50
3	64QAM	8	4	21.03	21.23	21.09	22.50
3	64QAM	8	7	21.13	21.24	21.07	22.50
3	64QAM	15	0	21.28	21.31	21.26	22.50
3	256QAM	1	0	19.02	19.15	18.93	20.50
3	256QAM	1	8	19.01	19.15	19.07	20.50
3	256QAM	1	14	18.81	19.05	18.96	20.50
3	256QAM	8	0	19.01	19.23	19.18	20.50
3	256QAM	8	4	18.95	19.24	19.05	20.50
3	256QAM	8	7	19.15	19.14	19.10	20.50
3	256QAM	15	0	19.10	19.14	19.11	20.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.30	24.33	24.26	25.50
1.4	QPSK	1	3	23.96	24.15	24.08	25.50
1.4	QPSK	1	5	24.16	24.17	24.18	25.50
1.4	QPSK	3	0	24.18	24.29	24.13	25.50
1.4	QPSK	3	1	24.08	24.22	24.17	25.50
1.4	QPSK	3	3	24.09	24.29	24.18	25.50
1.4	QPSK	6	0	23.17	23.27	23.14	24.50
1.4	16QAM	1	0	23.14	23.26	23.21	24.50
1.4	16QAM	1	3	23.11	23.16	23.13	24.50
1.4	16QAM	1	5	23.07	23.21	23.19	24.50
1.4	16QAM	3	0	23.00	23.18	23.10	24.50
1.4	16QAM	3	1	23.04	23.19	23.19	24.50
1.4	16QAM	3	3	23.11	23.30	23.16	24.50
1.4	16QAM	6	0	22.06	22.15	22.09	23.50
1.4	64QAM	1	0	22.16	22.34	22.20	23.50
1.4	64QAM	1	3	22.00	22.17	22.01	23.50
1.4	64QAM	1	5	22.16	22.10	22.02	23.50
1.4	64QAM	3	0	22.19	22.26	22.15	23.50
1.4	64QAM	3	1	21.98	22.13	22.00	23.50
1.4	64QAM	3	3	22.12	22.13	22.03	23.50
1.4	64QAM	6	0	21.26	21.31	21.22	22.50
1.4	256QAM	1	0	19.10	19.07	18.97	20.50
1.4	256QAM	1	3	18.93	19.15	19.12	20.50
1.4	256QAM	1	5	18.92	19.08	18.84	20.50
1.4	256QAM	3	0	18.97	19.25	19.16	20.50
1.4	256QAM	3	1	18.94	19.16	19.07	20.50
1.4	256QAM	3	3	19.13	19.23	19.04	20.50
1.4	256QAM	6	0	19.11	19.10	19.14	20.50

【LTE Band 2_Ant 2_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.31	24.34	24.22	25.00
20	QPSK	1	49	24.16	24.22	23.96	25.00
20	QPSK	1	99	24.09	24.26	24.03	25.00
20	QPSK	50	0	23.23	23.27	23.12	24.00
20	QPSK	50	24	23.04	23.19	23.05	24.00
20	QPSK	50	50	23.13	23.18	23.03	24.00
20	QPSK	100	0	23.11	23.16	22.90	24.00
20	16QAM	1	0	23.20	23.28	23.14	24.00
20	16QAM	1	49	23.05	23.16	22.90	24.00
20	16QAM	1	99	23.08	23.22	23.04	24.00
20	16QAM	50	0	22.06	22.15	22.01	23.00
20	16QAM	50	24	22.11	22.15	21.96	23.00
20	16QAM	50	50	22.11	22.16	22.00	23.00
20	16QAM	100	0	22.11	22.18	21.96	23.00
20	64QAM	1	0	22.12	22.19	22.06	23.00
20	64QAM	1	49	21.94	22.05	21.83	23.00
20	64QAM	1	99	22.03	22.10	21.85	23.00
20	64QAM	50	0	21.02	21.15	21.02	22.00
20	64QAM	50	24	21.02	21.16	20.98	22.00
20	64QAM	50	50	21.06	21.17	21.01	22.00
20	64QAM	100	0	21.01	21.15	21.01	22.00
20	256QAM	1	0	18.94	19.08	18.94	20.00
20	256QAM	1	49	18.83	19.00	18.84	20.00
20	256QAM	1	99	19.03	19.07	18.95	20.00
20	256QAM	50	0	18.97	19.12	18.96	20.00
20	256QAM	50	24	19.09	19.13	18.91	20.00
20	256QAM	50	50	19.05	19.12	18.93	20.00
20	256QAM	100	0	19.08	19.14	18.92	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.17	24.22	24.10	25.00
15	QPSK	1	37	24.04	24.09	23.81	25.00
15	QPSK	1	74	23.97	24.13	24.01	25.00
15	QPSK	36	0	23.20	23.17	23.00	24.00
15	QPSK	36	20	23.00	23.17	23.03	24.00
15	QPSK	36	39	22.98	23.08	22.96	24.00
15	QPSK	75	0	23.09	23.13	22.82	24.00



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15	16QAM	1	0	23.06	23.20	23.04	24.00
15	16QAM	1	37	22.92	23.02	22.82	24.00
15	16QAM	1	74	22.97	23.09	23.02	24.00
15	16QAM	36	0	21.96	22.13	21.88	23.00
15	16QAM	36	20	22.01	22.12	21.94	23.00
15	16QAM	36	39	22.01	22.07	21.95	23.00
15	16QAM	75	0	22.07	22.09	21.87	23.00
15	64QAM	1	0	22.00	22.06	21.99	23.00
15	64QAM	1	37	21.88	21.92	21.76	23.00
15	64QAM	1	74	21.93	22.00	21.78	23.00
15	64QAM	36	0	21.01	21.02	20.99	22.00
15	64QAM	36	20	20.88	21.14	20.94	22.00
15	64QAM	36	39	20.97	21.03	20.94	22.00
15	64QAM	75	0	20.86	21.03	20.90	22.00
15	256QAM	1	0	18.83	18.96	18.82	20.00
15	256QAM	1	37	18.75	18.95	18.81	20.00
15	256QAM	1	74	18.92	18.97	18.87	20.00
15	256QAM	36	0	18.84	19.10	18.90	20.00
15	256QAM	36	20	18.96	19.07	18.82	20.00
15	256QAM	36	39	18.92	19.03	18.79	20.00
15	256QAM	75	0	18.94	19.10	18.85	20.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.22	24.30	24.16	25.00
10	QPSK	1	25	24.07	24.18	23.82	25.00
10	QPSK	1	49	24.05	24.15	23.97	25.00
10	QPSK	25	0	23.09	23.16	23.07	24.00
10	QPSK	25	12	22.94	23.06	22.96	24.00
10	QPSK	25	25	23.06	23.13	22.94	24.00
10	QPSK	50	0	22.97	23.10	22.83	24.00
10	16QAM	1	0	23.07	23.25	23.08	24.00
10	16QAM	1	25	22.93	23.07	22.88	24.00
10	16QAM	1	49	23.05	23.16	22.96	24.00
10	16QAM	25	0	21.92	22.12	21.88	23.00
10	16QAM	25	12	22.04	22.05	21.92	23.00
10	16QAM	25	25	22.04	22.05	21.92	23.00
10	16QAM	50	0	21.99	22.17	21.85	23.00
10	64QAM	1	0	21.98	22.08	21.92	23.00
10	64QAM	1	25	21.86	21.93	21.79	23.00
10	64QAM	1	49	21.97	22.07	21.82	23.00
10	64QAM	25	0	20.96	21.10	20.99	22.00
10	64QAM	25	12	20.93	21.04	20.84	22.00
10	64QAM	25	25	20.97	21.13	20.94	22.00
10	64QAM	50	0	20.89	21.07	20.97	22.00
10	256QAM	1	0	18.88	18.95	18.93	20.00
10	256QAM	1	25	18.80	18.89	18.78	20.00
10	256QAM	1	49	19.02	18.94	18.87	20.00
10	256QAM	25	0	18.92	19.10	18.83	20.00
10	256QAM	25	12	19.03	19.11	18.76	20.00
10	256QAM	25	25	18.96	19.02	18.84	20.00
10	256QAM	50	0	18.95	19.08	18.81	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.23	24.26	24.15	25.00
5	QPSK	1	12	24.07	24.09	23.89	25.00
5	QPSK	1	24	24.04	24.21	23.99	25.00
5	QPSK	12	0	23.22	23.16	23.03	24.00
5	QPSK	12	7	22.98	23.18	22.92	24.00
5	QPSK	12	13	23.11	23.06	22.92	24.00
5	QPSK	25	0	23.06	23.13	22.83	24.00
5	16QAM	1	0	23.14	23.18	23.07	24.00
5	16QAM	1	12	22.90	23.11	22.79	24.00
5	16QAM	1	24	22.96	23.17	23.00	24.00
5	16QAM	12	0	21.92	22.12	21.91	23.00
5	16QAM	12	7	22.06	22.11	21.90	23.00
5	16QAM	12	13	22.03	22.04	21.94	23.00
5	16QAM	25	0	22.04	22.15	21.93	23.00
5	64QAM	1	0	21.98	22.13	21.96	23.00
5	64QAM	1	12	21.84	21.93	21.78	23.00
5	64QAM	1	24	21.97	22.07	21.81	23.00
5	64QAM	12	0	20.91	21.09	20.93	22.00
5	64QAM	12	7	20.88	21.14	20.92	22.00
5	64QAM	12	13	20.96	21.04	20.95	22.00
5	64QAM	25	0	20.95	21.05	20.99	22.00
5	256QAM	1	0	18.86	19.00	18.82	20.00
5	256QAM	1	12	18.76	18.96	18.71	20.00
5	256QAM	1	24	18.99	18.98	18.92	20.00
5	256QAM	12	0	18.83	19.04	18.84	20.00



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5	256QAM	12	7	18.99	19.07	18.76	20.00
5	256QAM	12	13	18.95	19.02	18.87	20.00
5	256QAM	25	0	19.06	19.02	18.84	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.21	24.29	24.10	25.00
3	QPSK	1	8	24.10	24.21	23.92	25.00
3	QPSK	1	14	23.98	24.20	23.88	25.00
3	QPSK	8	0	23.12	23.19	23.10	24.00
3	QPSK	8	4	23.01	23.05	22.92	24.00
3	QPSK	8	7	23.00	23.16	23.00	24.00
3	QPSK	15	0	23.06	23.11	22.80	24.00
3	16QAM	1	0	23.06	23.25	23.01	24.00
3	16QAM	1	8	23.01	23.06	22.85	24.00
3	16QAM	1	14	23.03	23.15	22.96	24.00
3	16QAM	8	0	21.93	22.03	21.97	23.00
3	16QAM	8	4	22.00	22.00	21.87	23.00
3	16QAM	8	7	22.03	22.15	21.94	23.00
3	16QAM	15	0	22.09	22.06	21.91	23.00
3	64QAM	1	0	21.99	22.12	21.95	23.00
3	64QAM	1	8	21.84	22.00	21.75	23.00
3	64QAM	1	14	21.91	22.00	21.80	23.00
3	64QAM	8	0	20.89	21.06	20.88	22.00
3	64QAM	8	4	20.96	21.05	20.87	22.00
3	64QAM	8	7	20.97	21.14	20.91	22.00
3	64QAM	15	0	21.00	21.00	20.99	22.00
3	256QAM	1	0	18.82	19.06	18.83	20.00
3	256QAM	1	8	18.74	18.95	18.71	20.00
3	256QAM	1	14	18.98	18.97	18.81	20.00
3	256QAM	8	0	18.91	19.01	18.94	20.00
3	256QAM	8	4	19.08	19.05	18.80	20.00
3	256QAM	8	7	18.99	19.00	18.83	20.00
3	256QAM	15	0	18.97	19.07	18.85	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.26	24.22	24.19	25.00
1.4	QPSK	1	3	24.04	24.09	23.83	25.00
1.4	QPSK	1	5	24.04	24.24	24.00	25.00
1.4	QPSK	3	0	24.13	24.14	24.04	25.00
1.4	QPSK	3	1	23.93	24.04	24.03	25.00
1.4	QPSK	3	3	24.02	24.04	24.00	25.00
1.4	QPSK	6	0	23.07	23.14	22.78	24.00
1.4	16QAM	1	0	23.09	23.26	23.04	24.00
1.4	16QAM	1	3	22.99	23.11	22.82	24.00
1.4	16QAM	1	5	23.06	23.09	23.02	24.00
1.4	16QAM	3	0	23.05	23.00	22.93	24.00
1.4	16QAM	3	1	22.97	23.01	22.86	24.00
1.4	16QAM	3	3	22.97	23.03	22.91	24.00
1.4	16QAM	6	0	22.02	22.04	21.92	23.00
1.4	64QAM	1	0	22.00	22.16	21.97	23.00
1.4	64QAM	1	3	21.90	21.98	21.73	23.00
1.4	64QAM	1	5	21.99	22.09	21.72	23.00
1.4	64QAM	3	0	21.94	22.10	21.94	23.00
1.4	64QAM	3	1	21.95	22.09	21.95	23.00
1.4	64QAM	3	3	21.92	22.14	21.94	23.00
1.4	64QAM	6	0	20.93	21.05	21.00	22.00
1.4	256QAM	1	0	18.84	19.01	18.92	20.00
1.4	256QAM	1	3	18.81	18.93	18.75	20.00
1.4	256QAM	1	5	18.97	19.01	18.90	20.00
1.4	256QAM	3	0	18.93	19.07	18.86	20.00
1.4	256QAM	3	1	19.06	19.04	18.86	20.00
1.4	256QAM	3	3	18.90	18.99	18.84	20.00
1.4	256QAM	6	0	19.07	19.13	18.89	20.00



【LTE Band 2_Ant 2_ECI5】

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	18.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.16	17.24	17.11	18.00
20	QPSK	1	49	17.00	17.14	17.02	18.00
20	QPSK	1	99	17.05	17.06	16.93	18.00
20	QPSK	50	0	17.11	17.23	17.10	18.00
20	QPSK	50	24	17.10	17.16	17.05	18.00
20	QPSK	50	50	17.00	17.09	17.03	18.00
20	QPSK	100	0	17.00	17.18	16.90	18.00
20	16QAM	1	0	16.93	17.07	16.80	18.00
20	16QAM	1	49	16.83	17.09	16.78	18.00
20	16QAM	1	99	16.99	17.03	16.91	18.00
20	16QAM	50	0	16.98	17.01	16.87	18.00
20	16QAM	50	24	16.89	17.00	16.95	18.00
20	16QAM	50	50	16.86	16.98	16.86	18.00
20	16QAM	100	0	16.81	17.01	16.88	18.00
20	64QAM	1	0	16.89	16.94	16.80	18.00
20	64QAM	1	49	16.71	16.94	16.82	18.00
20	64QAM	1	99	16.88	17.00	16.79	18.00
20	64QAM	50	0	16.82	16.95	16.89	18.00
20	64QAM	50	24	16.85	16.94	16.89	18.00
20	64QAM	50	50	16.86	16.91	16.89	18.00
20	64QAM	100	0	16.78	16.96	16.86	18.00
20	256QAM	1	0	16.87	17.02	16.85	18.00
20	256QAM	1	49	16.84	16.91	16.75	18.00
20	256QAM	1	99	16.82	17.01	16.90	18.00
20	256QAM	50	0	16.95	17.14	16.93	18.00
20	256QAM	50	24	16.90	17.02	16.81	18.00
20	256QAM	50	50	16.89	17.00	16.84	18.00
20	256QAM	100	0	16.95	17.11	16.92	18.00
Channel				18675	18900	19125	18.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.14	17.11	16.99	18.00
15	QPSK	1	37	16.95	17.06	16.93	18.00
15	QPSK	1	74	17.03	17.01	16.88	18.00
15	QPSK	36	0	17.03	17.18	17.07	18.00
15	QPSK	36	20	17.05	17.08	17.02	18.00
15	QPSK	36	39	16.98	17.03	17.01	18.00
15	QPSK	75	0	16.93	17.08	16.81	18.00
15	16QAM	1	0	16.83	17.03	16.75	18.00
15	16QAM	1	37	16.75	16.95	16.74	18.00
15	16QAM	1	74	16.90	16.94	16.76	18.00
15	16QAM	36	0	16.87	16.88	16.84	18.00
15	16QAM	36	20	16.80	16.93	16.89	18.00
15	16QAM	36	39	16.77	16.90	16.78	18.00
15	16QAM	75	0	16.67	16.89	16.77	18.00
15	64QAM	1	0	16.79	16.80	16.76	18.00
15	64QAM	1	37	16.61	16.81	16.77	18.00
15	64QAM	1	74	16.84	16.94	16.66	18.00
15	64QAM	36	0	16.67	16.80	16.81	18.00
15	64QAM	36	20	16.81	16.82	16.86	18.00
15	64QAM	36	39	16.73	16.82	16.79	18.00
15	64QAM	75	0	16.70	16.84	16.72	18.00
15	256QAM	1	0	16.82	16.97	16.79	18.00
15	256QAM	1	37	16.78	16.82	16.72	18.00
15	256QAM	1	74	16.72	16.95	16.77	18.00
15	256QAM	36	0	16.83	17.00	16.78	18.00
15	256QAM	36	20	16.88	16.97	16.77	18.00
15	256QAM	36	39	16.80	16.94	16.80	18.00
15	256QAM	75	0	16.84	17.05	16.81	18.00
Channel				18650	18900	19150	18.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.13	17.13	17.03	18.00
10	QPSK	1	25	16.98	17.05	16.95	18.00
10	QPSK	1	49	16.92	17.01	16.87	18.00
10	QPSK	25	0	17.01	17.18	17.09	18.00
10	QPSK	25	12	17.00	17.04	17.04	18.00
10	QPSK	25	25	16.92	16.99	16.97	18.00
10	QPSK	50	0	16.85	17.13	16.80	18.00
10	16QAM	1	0	16.81	16.93	16.77	18.00
10	16QAM	1	25	16.70	16.97	16.73	18.00
10	16QAM	1	49	16.95	16.89	16.89	18.00
10	16QAM	25	0	16.85	16.88	16.81	18.00



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10	16QAM	25	12	16.77	16.93	16.89	18.00
10	16QAM	25	25	16.80	16.91	16.73	18.00
10	16QAM	50	0	16.68	16.99	16.75	18.00
10	64QAM	1	0	16.82	16.79	16.67	18.00
10	64QAM	1	25	16.60	16.85	16.79	18.00
10	64QAM	1	49	16.73	16.97	16.73	18.00
10	64QAM	25	0	16.67	16.84	16.80	18.00
10	64QAM	25	12	16.83	16.81	16.79	18.00
10	64QAM	25	25	16.76	16.86	16.87	18.00
10	64QAM	50	0	16.67	16.89	16.77	18.00
10	256QAM	1	0	16.84	17.00	16.78	18.00
10	256QAM	1	25	16.69	16.83	16.68	18.00
10	256QAM	1	49	16.76	16.93	16.81	18.00
10	256QAM	25	0	16.93	17.07	16.85	18.00
10	256QAM	25	12	16.85	16.99	16.75	18.00
10	256QAM	25	25	16.80	16.85	16.69	18.00
10	256QAM	50	0	16.85	17.06	16.80	18.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.03	17.18	17.08	18.00
5	QPSK	1	12	16.90	17.08	17.01	18.00
5	QPSK	1	24	16.92	17.02	16.80	18.00
5	QPSK	12	0	17.03	17.21	16.99	18.00
5	QPSK	12	7	16.95	17.02	16.91	18.00
5	QPSK	12	13	16.97	17.03	17.02	18.00
5	QPSK	25	0	16.96	17.13	16.89	18.00
5	16QAM	1	0	16.89	17.03	16.78	18.00
5	16QAM	1	12	16.68	17.02	16.76	18.00
5	16QAM	1	24	16.89	16.99	16.86	18.00
5	16QAM	12	0	16.94	16.87	16.80	18.00
5	16QAM	12	7	16.80	16.90	16.85	18.00
5	16QAM	12	13	16.78	16.94	16.77	18.00
5	16QAM	25	0	16.67	16.97	16.73	18.00
5	64QAM	1	0	16.85	16.85	16.77	18.00
5	64QAM	1	12	16.70	16.84	16.80	18.00
5	64QAM	1	24	16.75	16.85	16.68	18.00
5	64QAM	12	0	16.74	16.90	16.87	18.00
5	64QAM	12	7	16.73	16.90	16.77	18.00
5	64QAM	12	13	16.76	16.81	16.85	18.00
5	64QAM	25	0	16.75	16.83	16.76	18.00
5	256QAM	1	0	16.84	16.99	16.78	18.00
5	256QAM	1	12	16.75	16.83	16.64	18.00
5	256QAM	1	24	16.80	16.87	16.80	18.00
5	256QAM	12	0	16.82	17.00	16.89	18.00
5	256QAM	12	7	16.86	16.88	16.75	18.00
5	256QAM	12	13	16.83	16.89	16.73	18.00
5	256QAM	25	0	16.81	16.96	16.88	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.13	17.23	17.01	18.00
3	QPSK	1	8	16.92	17.00	17.00	18.00
3	QPSK	1	14	16.91	16.97	16.84	18.00
3	QPSK	8	0	17.05	17.14	16.99	18.00
3	QPSK	8	4	17.09	17.07	16.92	18.00
3	QPSK	8	7	16.93	17.06	16.98	18.00
3	QPSK	15	0	16.88	17.13	16.86	18.00
3	16QAM	1	0	16.87	16.96	16.65	18.00
3	16QAM	1	8	16.81	17.08	16.63	18.00
3	16QAM	1	14	16.86	16.97	16.83	18.00
3	16QAM	8	0	16.88	16.93	16.77	18.00
3	16QAM	8	4	16.81	16.98	16.83	18.00
3	16QAM	8	7	16.77	16.94	16.74	18.00
3	16QAM	15	0	16.78	16.93	16.83	18.00
3	64QAM	1	0	16.80	16.89	16.70	18.00
3	64QAM	1	8	16.69	16.89	16.78	18.00
3	64QAM	1	14	16.84	16.88	16.74	18.00
3	64QAM	8	0	16.79	16.90	16.83	18.00
3	64QAM	8	4	16.77	16.92	16.84	18.00
3	64QAM	8	7	16.79	16.81	16.76	18.00
3	64QAM	15	0	16.69	16.91	16.75	18.00
3	256QAM	1	0	16.75	16.90	16.72	18.00
3	256QAM	1	8	16.79	16.86	16.67	18.00
3	256QAM	1	14	16.68	16.88	16.75	18.00
3	256QAM	8	0	16.84	17.09	16.79	18.00
3	256QAM	8	4	16.75	16.94	16.70	18.00
3	256QAM	8	7	16.75	16.90	16.73	18.00
3	256QAM	15	0	16.84	17.08	16.82	18.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.04	17.12	17.04	18.00
1.4	QPSK	1	3	16.97	17.02	16.95	18.00
1.4	QPSK	1	5	17.00	16.98	16.79	18.00
1.4	QPSK	3	0	16.99	17.13	17.03	18.00
1.4	QPSK	3	1	17.05	17.10	17.01	18.00
1.4	QPSK	3	3	16.87	16.98	17.00	18.00
1.4	QPSK	6	0	16.94	17.06	16.75	18.00
1.4	16QAM	1	0	16.91	16.97	16.69	18.00
1.4	16QAM	1	3	16.75	17.07	16.63	18.00
1.4	16QAM	1	5	16.92	17.00	16.77	18.00
1.4	16QAM	3	0	16.87	16.89	16.74	18.00
1.4	16QAM	3	1	16.82	16.88	16.86	18.00
1.4	16QAM	3	3	16.84	16.93	16.75	18.00
1.4	16QAM	6	0	16.67	16.94	16.80	18.00
1.4	64QAM	1	0	16.79	16.90	16.67	18.00
1.4	64QAM	1	3	16.67	16.90	16.78	18.00
1.4	64QAM	1	5	16.79	16.88	16.66	18.00
1.4	64QAM	3	0	16.73	16.90	16.74	18.00
1.4	64QAM	3	1	16.78	16.91	16.75	18.00
1.4	64QAM	3	3	16.75	16.83	16.79	18.00
1.4	64QAM	6	0	16.72	16.92	16.84	18.00
1.4	256QAM	1	0	16.78	16.88	16.78	18.00
1.4	256QAM	1	3	16.79	16.86	16.71	18.00
1.4	256QAM	1	5	16.72	16.92	16.76	18.00
1.4	256QAM	3	0	16.84	17.00	16.92	18.00
1.4	256QAM	3	1	16.83	16.90	16.80	18.00
1.4	256QAM	3	3	16.77	16.91	16.76	18.00
1.4	256QAM	6	0	16.89	17.08	16.91	18.00

【LTE Band 2_Ant 2_ECI5-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.26	17.34	17.28	18.50
20	QPSK	1	49	17.03	17.17	17.05	18.50
20	QPSK	1	99	16.96	17.19	17.12	18.50
20	QPSK	50	0	17.21	17.28	17.25	18.50
20	QPSK	50	24	17.03	17.25	17.16	18.50
20	QPSK	50	50	17.11	17.27	17.18	18.50
20	QPSK	100	0	17.04	17.25	17.07	18.50
20	16QAM	1	0	17.14	17.24	17.17	18.50
20	16QAM	1	49	17.13	17.25	17.05	18.50
20	16QAM	1	99	16.95	17.12	17.03	18.50
20	16QAM	50	0	17.03	17.17	17.09	18.50
20	16QAM	50	24	16.95	17.18	17.01	18.50
20	16QAM	50	50	17.07	17.26	17.08	18.50
20	16QAM	100	0	16.94	17.14	16.98	18.50
20	64QAM	1	0	16.98	17.20	17.03	18.50
20	64QAM	1	49	17.11	17.21	17.02	18.50
20	64QAM	1	99	17.03	17.14	17.05	18.50
20	64QAM	50	0	16.98	17.20	17.04	18.50
20	64QAM	50	24	17.01	17.12	17.03	18.50
20	64QAM	50	50	17.03	17.14	17.06	18.50
20	64QAM	100	0	17.14	17.25	17.17	18.50
20	256QAM	1	0	16.99	17.20	17.07	18.50
20	256QAM	1	49	17.08	17.27	17.17	18.50
20	256QAM	1	99	16.93	17.13	17.04	18.50
20	256QAM	50	0	17.23	17.34	17.16	18.50
20	256QAM	50	24	16.96	17.17	17.06	18.50
20	256QAM	50	50	17.10	17.19	17.01	18.50
20	256QAM	100	0	17.06	17.28	17.18	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.12	17.28	17.22	18.50
15	QPSK	1	37	16.95	17.03	17.03	18.50
15	QPSK	1	74	16.83	17.10	17.04	18.50
15	QPSK	36	0	17.16	17.26	17.14	18.50
15	QPSK	36	20	16.91	17.16	17.05	18.50
15	QPSK	36	39	17.01	17.22	17.04	18.50
15	QPSK	75	0	16.91	17.12	17.01	18.50



15	16QAM	1	0	17.06	17.19	17.06	18.50
15	16QAM	1	37	17.01	17.15	16.98	18.50
15	16QAM	1	74	16.86	17.02	16.99	18.50
15	16QAM	36	0	17.02	17.07	17.02	18.50
15	16QAM	36	20	16.81	17.12	16.96	18.50
15	16QAM	36	39	17.02	17.25	17.04	18.50
15	16QAM	75	0	16.83	17.05	16.91	18.50
15	64QAM	1	0	16.89	17.13	16.98	18.50
15	64QAM	1	37	17.09	17.08	17.00	18.50
15	64QAM	1	74	16.99	17.04	16.90	18.50
15	64QAM	36	0	16.91	17.14	16.93	18.50
15	64QAM	36	20	16.98	17.03	16.92	18.50
15	64QAM	36	39	16.91	17.07	16.97	18.50
15	64QAM	75	0	17.09	17.23	17.10	18.50
15	256QAM	1	0	16.90	17.08	16.94	18.50
15	256QAM	1	37	17.02	17.25	17.14	18.50
15	256QAM	1	74	16.79	17.08	16.94	18.50
15	256QAM	36	0	17.18	17.26	17.11	18.50
15	256QAM	36	20	16.86	17.02	16.95	18.50
15	256QAM	36	39	17.07	17.12	16.87	18.50
15	256QAM	75	0	16.98	17.15	17.15	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.13	17.33	17.23	18.50
10	QPSK	1	25	16.98	17.10	16.98	18.50
10	QPSK	1	49	16.89	17.08	16.98	18.50
10	QPSK	25	0	17.07	17.21	17.23	18.50
10	QPSK	25	12	17.02	17.21	17.07	18.50
10	QPSK	25	25	17.07	17.25	17.06	18.50
10	QPSK	50	0	16.98	17.21	17.04	18.50
10	16QAM	1	0	17.12	17.13	17.09	18.50
10	16QAM	1	25	17.08	17.24	17.00	18.50
10	16QAM	1	49	16.83	17.06	16.96	18.50
10	16QAM	25	0	16.98	17.04	16.96	18.50
10	16QAM	25	12	16.87	17.08	16.87	18.50
10	16QAM	25	25	16.94	17.20	17.02	18.50
10	16QAM	50	0	16.84	17.13	16.84	18.50
10	64QAM	1	0	16.91	17.11	17.01	18.50
10	64QAM	1	25	17.09	17.17	16.95	18.50
10	64QAM	1	49	16.97	17.09	16.90	18.50
10	64QAM	25	0	16.93	17.14	16.93	18.50
10	64QAM	25	12	16.87	17.01	16.97	18.50
10	64QAM	25	25	16.96	17.12	16.94	18.50
10	64QAM	50	0	17.11	17.15	17.13	18.50
10	256QAM	1	0	16.93	17.09	16.93	18.50
10	256QAM	1	25	16.99	17.24	17.09	18.50
10	256QAM	1	49	16.82	17.05	16.95	18.50
10	256QAM	25	0	17.19	17.28	17.07	18.50
10	256QAM	25	12	16.86	17.04	16.98	18.50
10	256QAM	25	25	17.09	17.07	16.91	18.50
10	256QAM	50	0	16.92	17.24	17.09	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.22	17.27	17.26	18.50
5	QPSK	1	12	16.97	17.03	17.01	18.50
5	QPSK	1	24	16.86	17.13	17.05	18.50
5	QPSK	12	0	17.10	17.25	17.14	18.50
5	QPSK	12	7	16.89	17.18	17.06	18.50
5	QPSK	12	13	16.98	17.20	17.04	18.50
5	QPSK	25	0	16.99	17.23	16.96	18.50
5	16QAM	1	0	17.09	17.17	17.06	18.50
5	16QAM	1	12	17.09	17.14	16.98	18.50
5	16QAM	1	24	16.80	17.07	16.91	18.50
5	16QAM	12	0	16.97	17.06	17.01	18.50
5	16QAM	12	7	16.82	17.12	16.95	18.50
5	16QAM	12	13	16.92	17.25	17.00	18.50
5	16QAM	25	0	16.86	17.11	16.83	18.50
5	64QAM	1	0	16.92	17.15	16.91	18.50
5	64QAM	1	12	17.00	17.18	16.98	18.50
5	64QAM	1	24	16.94	17.12	16.97	18.50
5	64QAM	12	0	16.83	17.09	16.91	18.50
5	64QAM	12	7	16.91	17.02	16.92	18.50
5	64QAM	12	13	16.98	17.03	17.05	18.50
5	64QAM	25	0	17.07	17.19	17.14	18.50
5	256QAM	1	0	16.98	17.18	17.03	18.50
5	256QAM	1	12	16.96	17.25	17.08	18.50
5	256QAM	1	24	16.90	17.08	17.00	18.50
5	256QAM	12	0	17.21	17.29	17.14	18.50



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5	256QAM	12	7	16.91	17.04	16.96	18.50
5	256QAM	12	13	17.00	17.15	16.97	18.50
5	256QAM	25	0	16.96	17.24	17.12	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.19	17.30	17.23	18.50
3	QPSK	1	8	16.94	17.12	17.01	18.50
3	QPSK	1	14	16.89	17.13	17.01	18.50
3	QPSK	8	0	17.19	17.26	17.23	18.50
3	QPSK	8	4	16.92	17.23	17.13	18.50
3	QPSK	8	7	17.03	17.17	17.06	18.50
3	QPSK	15	0	17.02	17.21	16.96	18.50
3	16QAM	1	0	17.08	17.22	17.11	18.50
3	16QAM	1	8	17.07	17.14	16.92	18.50
3	16QAM	1	14	16.87	17.07	16.96	18.50
3	16QAM	8	0	17.00	17.12	17.05	18.50
3	16QAM	8	4	16.87	17.09	16.99	18.50
3	16QAM	8	7	16.92	17.11	17.04	18.50
3	16QAM	15	0	16.88	17.12	16.83	18.50
3	64QAM	1	0	16.96	17.17	16.90	18.50
3	64QAM	1	8	17.01	17.19	17.01	18.50
3	64QAM	1	14	16.97	17.05	16.96	18.50
3	64QAM	8	0	16.90	17.19	16.91	18.50
3	64QAM	8	4	16.99	17.08	16.91	18.50
3	64QAM	8	7	16.99	17.06	16.95	18.50
3	64QAM	15	0	17.12	17.14	17.09	18.50
3	256QAM	1	0	16.92	17.08	17.05	18.50
3	256QAM	1	8	17.01	17.21	17.10	18.50
3	256QAM	1	14	16.81	17.07	16.95	18.50
3	256QAM	8	0	17.15	17.25	17.05	18.50
3	256QAM	8	4	16.83	17.14	17.02	18.50
3	256QAM	8	7	17.03	17.16	16.87	18.50
3	256QAM	15	0	16.96	17.16	17.04	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.17	17.28	17.14	18.50
1.4	QPSK	1	3	16.97	17.03	16.92	18.50
1.4	QPSK	1	5	16.85	17.17	17.09	18.50
1.4	QPSK	3	0	18.19	18.19	18.17	18.50
1.4	QPSK	3	1	17.99	18.16	18.04	18.50
1.4	QPSK	3	3	18.09	18.13	18.17	18.50
1.4	QPSK	6	0	18.00	18.12	17.97	18.50
1.4	16QAM	1	0	17.02	17.23	17.05	18.50
1.4	16QAM	1	3	17.09	17.17	17.02	18.50
1.4	16QAM	1	5	16.82	17.08	16.93	18.50
1.4	16QAM	3	0	16.97	17.02	16.94	18.50
1.4	16QAM	3	1	16.89	17.14	16.98	18.50
1.4	16QAM	3	3	17.04	17.13	17.06	18.50
1.4	16QAM	6	0	16.87	17.04	16.84	18.50
1.4	64QAM	1	0	16.84	17.07	17.00	18.50
1.4	64QAM	1	3	16.96	17.18	16.88	18.50
1.4	64QAM	1	5	17.01	17.04	17.01	18.50
1.4	64QAM	3	0	16.93	17.08	16.94	18.50
1.4	64QAM	3	1	16.90	17.10	16.91	18.50
1.4	64QAM	3	3	17.00	17.05	17.03	18.50
1.4	64QAM	6	0	17.03	17.17	17.07	18.50
1.4	256QAM	1	0	16.84	17.12	16.94	18.50
1.4	256QAM	1	3	17.05	17.20	17.15	18.50
1.4	256QAM	1	5	16.86	16.99	17.02	18.50
1.4	256QAM	3	0	17.11	17.20	17.14	18.50
1.4	256QAM	3	1	16.92	17.08	17.02	18.50
1.4	256QAM	3	3	16.98	17.18	16.92	18.50
1.4	256QAM	6	0	17.01	17.17	17.08	18.50



【LTE Band 2_Ant 2_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	18.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.21	17.26	17.22	18.00
20	QPSK	1	49	16.97	17.11	17.04	18.00
20	QPSK	1	99	16.93	17.04	16.89	18.00
20	QPSK	50	0	17.18	17.21	17.16	18.00
20	QPSK	50	24	16.97	17.16	17.09	18.00
20	QPSK	50	50	16.96	17.15	17.00	18.00
20	QPSK	100	0	16.93	17.09	16.93	18.00
20	16QAM	1	0	17.01	17.16	17.06	18.00
20	16QAM	1	49	16.88	17.06	16.95	18.00
20	16QAM	1	99	16.94	17.11	17.00	18.00
20	16QAM	50	0	17.03	17.10	17.02	18.00
20	16QAM	50	24	17.04	17.13	17.04	18.00
20	16QAM	50	50	16.91	17.03	16.92	18.00
20	16QAM	100	0	16.96	17.04	16.94	18.00
20	64QAM	1	0	16.96	17.03	16.89	18.00
20	64QAM	1	49	16.98	17.14	16.96	18.00
20	64QAM	1	99	16.97	17.06	17.00	18.00
20	64QAM	50	0	16.93	17.04	16.94	18.00
20	64QAM	50	24	16.96	17.10	17.00	18.00
20	64QAM	50	50	17.05	17.12	16.96	18.00
20	64QAM	100	0	17.07	17.16	17.08	18.00
20	256QAM	1	0	17.05	17.15	17.07	18.00
20	256QAM	1	49	16.99	17.11	17.02	18.00
20	256QAM	1	99	17.01	17.13	17.02	18.00
20	256QAM	50	0	17.09	17.26	17.11	18.00
20	256QAM	50	24	17.05	17.11	17.02	18.00
20	256QAM	50	50	16.84	17.04	16.98	18.00
20	256QAM	100	0	17.03	17.21	17.07	18.00
Channel				18675	18900	19125	18.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.14	17.19	17.15	18.00
15	QPSK	1	37	16.95	17.01	17.01	18.00
15	QPSK	1	74	16.91	16.98	16.86	18.00
15	QPSK	36	0	17.14	17.16	17.13	18.00
15	QPSK	36	20	16.95	17.03	16.97	18.00
15	QPSK	36	39	16.82	17.12	16.98	18.00
15	QPSK	75	0	16.84	16.97	16.84	18.00
15	16QAM	1	0	16.90	17.14	17.04	18.00
15	16QAM	1	37	16.80	16.97	16.81	18.00
15	16QAM	1	74	16.91	17.04	16.89	18.00
15	16QAM	36	0	16.90	17.00	16.93	18.00
15	16QAM	36	20	17.01	17.07	16.90	18.00
15	16QAM	36	39	16.83	16.96	16.77	18.00
15	16QAM	75	0	16.88	16.93	16.81	18.00
15	64QAM	1	0	16.85	16.90	16.75	18.00
15	64QAM	1	37	16.89	17.01	16.92	18.00
15	64QAM	1	74	16.91	16.95	16.95	18.00
15	64QAM	36	0	16.85	16.95	16.81	18.00
15	64QAM	36	20	16.81	17.01	16.98	18.00
15	64QAM	36	39	16.94	17.09	16.92	18.00
15	64QAM	75	0	17.00	17.09	17.06	18.00
15	256QAM	1	0	16.92	17.12	16.94	18.00
15	256QAM	1	37	16.85	17.00	16.95	18.00
15	256QAM	1	74	16.87	17.01	16.93	18.00
15	256QAM	36	0	17.03	17.14	17.10	18.00
15	256QAM	36	20	17.01	17.01	16.95	18.00
15	256QAM	36	39	16.77	16.97	16.83	18.00
15	256QAM	75	0	16.91	17.18	16.98	18.00
Channel				18650	18900	19150	18.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.09	17.20	17.16	18.00
10	QPSK	1	25	16.87	17.01	16.92	18.00
10	QPSK	1	49	16.91	16.95	16.76	18.00
10	QPSK	25	0	17.14	17.16	17.13	18.00
10	QPSK	25	12	16.83	17.06	17.03	18.00
10	QPSK	25	25	16.92	17.08	16.86	18.00
10	QPSK	50	0	16.88	17.02	16.91	18.00
10	16QAM	1	0	16.98	17.06	16.95	18.00
10	16QAM	1	25	16.76	16.91	16.86	18.00
10	16QAM	1	49	16.84	17.01	16.97	18.00
10	16QAM	25	0	17.01	16.95	17.00	18.00



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10	16QAM	25	12	16.92	17.00	17.02	18.00
10	16QAM	25	25	16.80	16.92	16.89	18.00
10	16QAM	50	0	16.93	16.99	16.89	18.00
10	64QAM	1	0	16.81	16.97	16.84	18.00
10	64QAM	1	25	16.95	17.05	16.92	18.00
10	64QAM	1	49	16.92	16.98	16.90	18.00
10	64QAM	25	0	16.85	16.92	16.85	18.00
10	64QAM	25	12	16.87	17.03	16.91	18.00
10	64QAM	25	25	16.97	16.99	16.82	18.00
10	64QAM	50	0	17.01	17.14	16.97	18.00
10	256QAM	1	0	16.95	17.01	17.05	18.00
10	256QAM	1	25	16.85	17.10	16.98	18.00
10	256QAM	1	49	16.96	17.05	16.94	18.00
10	256QAM	25	0	17.07	17.12	17.06	18.00
10	256QAM	25	12	17.03	16.99	16.89	18.00
10	256QAM	25	25	16.77	16.93	16.91	18.00
10	256QAM	50	0	16.95	17.10	16.92	18.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.06	17.17	17.10	18.00
5	QPSK	1	12	16.91	17.07	16.91	18.00
5	QPSK	1	24	16.82	16.98	16.86	18.00
5	QPSK	12	0	17.11	17.07	17.12	18.00
5	QPSK	12	7	16.86	17.02	17.04	18.00
5	QPSK	12	13	16.90	17.08	16.94	18.00
5	QPSK	25	0	16.86	17.01	16.89	18.00
5	16QAM	1	0	16.99	17.05	17.04	18.00
5	16QAM	1	12	16.80	16.98	16.94	18.00
5	16QAM	1	24	16.89	16.99	16.97	18.00
5	16QAM	12	0	16.98	17.08	17.00	18.00
5	16QAM	12	7	16.89	16.99	16.97	18.00
5	16QAM	12	13	16.84	16.95	16.87	18.00
5	16QAM	25	0	16.93	16.90	16.79	18.00
5	64QAM	1	0	16.94	16.95	16.88	18.00
5	64QAM	1	12	16.96	17.08	16.95	18.00
5	64QAM	1	24	16.93	16.96	16.91	18.00
5	64QAM	12	0	16.82	16.96	16.81	18.00
5	64QAM	12	7	16.91	17.04	16.92	18.00
5	64QAM	12	13	16.94	17.01	16.89	18.00
5	64QAM	25	0	17.06	17.15	16.94	18.00
5	256QAM	1	0	16.94	17.12	17.02	18.00
5	256QAM	1	12	16.88	16.98	17.00	18.00
5	256QAM	1	24	16.88	17.09	16.92	18.00
5	256QAM	12	0	16.95	17.11	17.03	18.00
5	256QAM	12	7	17.04	16.98	16.96	18.00
5	256QAM	12	13	16.77	16.96	16.89	18.00
5	256QAM	25	0	16.99	17.11	16.92	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.18	17.12	17.09	18.00
3	QPSK	1	8	16.84	17.09	17.03	18.00
3	QPSK	1	14	16.89	16.91	16.76	18.00
3	QPSK	8	0	17.15	17.16	17.08	18.00
3	QPSK	8	4	16.89	17.05	17.03	18.00
3	QPSK	8	7	16.94	17.14	16.96	18.00
3	QPSK	15	0	16.81	16.99	16.78	18.00
3	16QAM	1	0	16.99	17.06	16.96	18.00
3	16QAM	1	8	16.82	17.00	16.84	18.00
3	16QAM	1	14	16.82	17.09	16.87	18.00
3	16QAM	8	0	16.88	16.99	16.93	18.00
3	16QAM	8	4	17.01	17.01	16.96	18.00
3	16QAM	8	7	16.82	16.97	16.83	18.00
3	16QAM	15	0	16.85	16.99	16.81	18.00
3	64QAM	1	0	16.83	16.94	16.83	18.00
3	64QAM	1	8	16.88	17.08	16.90	18.00
3	64QAM	1	14	16.89	16.93	16.93	18.00
3	64QAM	8	0	16.79	16.98	16.92	18.00
3	64QAM	8	4	16.89	17.09	16.88	18.00
3	64QAM	8	7	16.91	17.01	16.95	18.00
3	64QAM	15	0	16.96	17.05	16.99	18.00
3	256QAM	1	0	16.97	17.09	16.92	18.00
3	256QAM	1	8	16.89	17.07	16.87	18.00
3	256QAM	1	14	16.96	17.00	16.93	18.00
3	256QAM	8	0	16.95	17.11	17.01	18.00
3	256QAM	8	4	16.98	16.99	16.95	18.00
3	256QAM	8	7	16.71	16.93	16.88	18.00
3	256QAM	15	0	16.89	17.10	16.94	18.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.07	17.16	17.20	18.00
1.4	QPSK	1	3	16.88	16.96	16.93	18.00
1.4	QPSK	1	5	16.81	16.95	16.78	18.00
1.4	QPSK	3	0	17.04	17.20	17.07	18.00
1.4	QPSK	3	1	16.86	17.04	17.00	18.00
1.4	QPSK	3	3	16.82	17.08	16.87	18.00
1.4	QPSK	6	0	16.85	17.05	16.85	18.00
1.4	16QAM	1	0	17.00	17.12	17.02	18.00
1.4	16QAM	1	3	16.82	16.99	16.90	18.00
1.4	16QAM	1	5	16.84	17.00	16.95	18.00
1.4	16QAM	3	0	17.01	17.01	16.95	18.00
1.4	16QAM	3	1	17.02	17.04	16.94	18.00
1.4	16QAM	3	3	16.76	16.96	16.83	18.00
1.4	16QAM	6	0	16.83	16.89	16.86	18.00
1.4	64QAM	1	0	16.85	16.97	16.88	18.00
1.4	64QAM	1	3	16.93	17.04	16.91	18.00
1.4	64QAM	1	5	16.92	16.92	16.91	18.00
1.4	64QAM	3	0	16.81	16.99	16.80	18.00
1.4	64QAM	3	1	16.84	17.09	16.93	18.00
1.4	64QAM	3	3	16.94	17.09	16.89	18.00
1.4	64QAM	6	0	16.95	17.14	16.98	18.00
1.4	256QAM	1	0	16.95	17.03	17.03	18.00
1.4	256QAM	1	3	16.95	17.02	16.88	18.00
1.4	256QAM	1	5	16.98	17.08	16.88	18.00
1.4	256QAM	3	0	16.97	17.17	17.04	18.00
1.4	256QAM	3	1	16.94	17.06	16.94	18.00
1.4	256QAM	3	3	16.80	16.93	16.83	18.00
1.4	256QAM	6	0	16.90	17.14	16.98	18.00

【LTE Band 2_Ant 3_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	24.26	24.28	24.11	25.50
20	QPSK	1	49	23.88	24.04	23.74	25.50
20	QPSK	1	99	24.07	24.16	23.91	25.50
20	QPSK	50	0	23.16	23.25	23.04	24.50
20	QPSK	50	24	23.00	23.16	22.96	24.50
20	QPSK	50	50	23.09	23.20	22.94	24.50
20	QPSK	100	0	23.06	23.18	23.00	24.50
20	16QAM	1	0	23.24	23.37	23.16	24.50
20	16QAM	1	49	23.15	23.25	23.00	24.50
20	16QAM	1	99	23.24	23.30	23.01	24.50
20	16QAM	50	0	22.04	22.20	21.91	23.50
20	16QAM	50	24	22.08	22.19	22.01	23.50
20	16QAM	50	50	22.17	22.21	22.04	23.50
20	16QAM	100	0	22.14	22.19	21.94	23.50
20	64QAM	1	0	22.34	22.38	22.14	23.50
20	64QAM	1	49	22.16	22.28	22.10	23.50
20	64QAM	1	99	22.22	22.38	22.08	23.50
20	64QAM	50	0	21.03	21.19	20.97	22.50
20	64QAM	50	24	21.13	21.18	20.90	22.50
20	64QAM	50	50	21.17	21.22	20.94	22.50
20	64QAM	100	0	21.07	21.20	20.99	22.50
20	256QAM	1	0	19.36	19.39	19.24	20.50
20	256QAM	1	49	19.13	19.25	19.01	20.50
20	256QAM	1	99	19.25	19.38	19.16	20.50
20	256QAM	50	0	19.14	19.19	18.92	20.50
20	256QAM	50	24	19.06	19.17	18.89	20.50
20	256QAM	50	50	19.09	19.20	18.92	20.50
20	256QAM	100	0	19.16	19.19	19.03	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.12	24.23	23.97	25.50
15	QPSK	1	37	23.73	23.96	23.65	25.50
15	QPSK	1	74	24.02	24.11	23.83	25.50
15	QPSK	36	0	23.11	23.14	22.95	24.50
15	QPSK	36	20	22.85	23.07	22.83	24.50
15	QPSK	36	39	22.96	23.16	22.85	24.50
15	QPSK	75	0	23.02	23.06	22.91	24.50



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15	16QAM	1	0	23.17	23.28	23.09	24.50
15	16QAM	1	37	23.01	23.18	22.86	24.50
15	16QAM	1	74	23.20	23.17	22.99	24.50
15	16QAM	36	0	21.99	22.07	21.86	23.50
15	16QAM	36	20	22.05	22.05	21.94	23.50
15	16QAM	36	39	22.12	22.14	22.03	23.50
15	16QAM	75	0	22.05	22.12	21.80	23.50
15	64QAM	1	0	22.26	22.32	22.06	23.50
15	64QAM	1	37	22.07	22.24	21.98	23.50
15	64QAM	1	74	22.13	22.30	21.94	23.50
15	64QAM	36	0	21.02	21.09	20.86	22.50
15	64QAM	36	20	21.08	21.05	20.86	22.50
15	64QAM	36	39	21.10	21.16	20.82	22.50
15	64QAM	75	0	21.05	21.13	20.97	22.50
15	256QAM	1	0	19.24	19.25	19.20	20.50
15	256QAM	1	37	19.00	19.23	18.92	20.50
15	256QAM	1	74	19.18	19.31	19.12	20.50
15	256QAM	36	0	19.11	19.17	18.78	20.50
15	256QAM	36	20	18.93	19.11	18.88	20.50
15	256QAM	36	39	19.00	19.13	18.84	20.50
15	256QAM	75	0	19.15	19.05	18.91	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.21	24.23	24.00	25.50
10	QPSK	1	25	23.83	24.01	23.60	25.50
10	QPSK	1	49	24.02	24.10	23.88	25.50
10	QPSK	25	0	23.07	23.12	22.99	24.50
10	QPSK	25	12	22.96	23.05	22.86	24.50
10	QPSK	25	25	22.97	23.08	22.84	24.50
10	QPSK	50	0	22.98	23.13	22.98	24.50
10	16QAM	1	0	23.11	23.23	23.11	24.50
10	16QAM	1	25	23.11	23.13	22.93	24.50
10	16QAM	1	49	23.14	23.18	22.92	24.50
10	16QAM	25	0	22.01	22.16	21.87	23.50
10	16QAM	25	12	21.96	22.08	21.90	23.50
10	16QAM	25	25	22.03	22.15	21.92	23.50
10	16QAM	50	0	22.08	22.18	21.81	23.50
10	64QAM	1	0	22.21	22.25	22.06	23.50
10	64QAM	1	25	22.05	22.24	21.96	23.50
10	64QAM	1	49	22.16	22.33	22.01	23.50
10	64QAM	25	0	20.93	21.14	20.94	22.50
10	64QAM	25	12	21.11	21.08	20.88	22.50
10	64QAM	25	25	21.05	21.12	20.93	22.50
10	64QAM	50	0	20.94	21.06	20.98	22.50
10	256QAM	1	0	19.32	19.36	19.19	20.50
10	256QAM	1	25	19.01	19.15	19.00	20.50
10	256QAM	1	49	19.23	19.35	19.02	20.50
10	256QAM	25	0	19.07	19.13	18.89	20.50
10	256QAM	25	12	18.94	19.10	18.78	20.50
10	256QAM	25	25	19.07	19.12	18.81	20.50
10	256QAM	50	0	19.08	19.06	18.94	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.18	24.19	24.03	25.50
5	QPSK	1	12	23.86	23.93	23.73	25.50
5	QPSK	1	24	24.05	24.03	23.83	25.50
5	QPSK	12	0	23.03	23.13	22.91	24.50
5	QPSK	12	7	22.92	23.06	22.82	24.50
5	QPSK	12	13	23.04	23.10	22.86	24.50
5	QPSK	25	0	23.04	23.15	22.98	24.50
5	16QAM	1	0	23.17	23.36	23.13	24.50
5	16QAM	1	12	23.13	23.17	22.96	24.50
5	16QAM	1	24	23.19	23.18	22.97	24.50
5	16QAM	12	0	21.98	22.09	21.80	23.50
5	16QAM	12	7	22.02	22.07	21.98	23.50
5	16QAM	12	13	22.10	22.19	21.93	23.50
5	16QAM	25	0	22.05	22.08	21.89	23.50
5	64QAM	1	0	22.32	22.34	22.08	23.50
5	64QAM	1	12	22.02	22.26	21.97	23.50
5	64QAM	1	24	22.12	22.32	21.96	23.50
5	64QAM	12	0	20.89	21.10	20.96	22.50
5	64QAM	12	7	21.08	21.03	20.79	22.50
5	64QAM	12	13	21.13	21.18	20.88	22.50
5	64QAM	25	0	20.98	21.07	20.97	22.50
5	256QAM	1	0	19.32	19.30	19.22	20.50
5	256QAM	1	12	19.06	19.22	18.99	20.50
5	256QAM	1	24	19.24	19.25	19.10	20.50
5	256QAM	12	0	19.03	19.10	18.89	20.50



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5	256QAM	12	7	18.92	19.16	18.79	20.50
5	256QAM	12	13	19.06	19.18	18.87	20.50
5	256QAM	25	0	19.10	19.13	18.89	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.17	24.18	23.97	25.50
3	QPSK	1	8	23.76	23.98	23.66	25.50
3	QPSK	1	14	24.01	24.02	23.78	25.50
3	QPSK	8	0	23.09	23.24	22.92	24.50
3	QPSK	8	4	22.86	23.14	22.83	24.50
3	QPSK	8	7	23.03	23.10	22.82	24.50
3	QPSK	15	0	23.04	23.12	22.92	24.50
3	16QAM	1	0	23.19	23.36	23.10	24.50
3	16QAM	1	8	23.02	23.21	22.88	24.50
3	16QAM	1	14	23.18	23.18	23.00	24.50
3	16QAM	8	0	21.95	22.12	21.78	23.50
3	16QAM	8	4	22.06	22.14	21.89	23.50
3	16QAM	8	7	22.10	22.19	22.03	23.50
3	16QAM	15	0	22.10	22.06	21.86	23.50
3	64QAM	1	0	22.27	22.35	22.04	23.50
3	64QAM	1	8	22.05	22.17	22.02	23.50
3	64QAM	1	14	22.13	22.30	21.96	23.50
3	64QAM	8	0	20.99	21.08	20.89	22.50
3	64QAM	8	4	21.12	21.14	20.83	22.50
3	64QAM	8	7	21.10	21.07	20.90	22.50
3	64QAM	15	0	20.99	21.06	20.90	22.50
3	256QAM	1	0	19.25	19.30	19.13	20.50
3	256QAM	1	8	19.11	19.15	18.96	20.50
3	256QAM	1	14	19.12	19.25	19.09	20.50
3	256QAM	8	0	19.10	19.08	18.91	20.50
3	256QAM	8	4	18.96	19.09	18.83	20.50
3	256QAM	8	7	19.07	19.09	18.88	20.50
3	256QAM	15	0	19.10	19.12	19.00	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.13	24.26	24.07	25.50
1.4	QPSK	1	3	23.83	24.00	23.62	25.50
1.4	QPSK	1	5	23.95	24.11	23.81	25.50
1.4	QPSK	3	0	24.14	24.21	23.97	25.50
1.4	QPSK	3	1	23.92	24.13	23.84	25.50
1.4	QPSK	3	3	23.99	24.05	23.82	25.50
1.4	QPSK	6	0	22.92	23.03	22.97	24.50
1.4	16QAM	1	0	23.20	23.26	23.02	24.50
1.4	16QAM	1	3	23.02	23.11	22.93	24.50
1.4	16QAM	1	5	23.14	23.26	22.97	24.50
1.4	16QAM	3	0	22.99	23.12	22.80	24.50
1.4	16QAM	3	1	23.05	23.08	22.97	24.50
1.4	16QAM	3	3	23.07	23.11	22.96	24.50
1.4	16QAM	6	0	22.12	22.14	21.80	23.50
1.4	64QAM	1	0	22.24	22.26	22.08	23.50
1.4	64QAM	1	3	22.08	22.21	21.99	23.50
1.4	64QAM	1	5	22.19	22.31	22.03	23.50
1.4	64QAM	3	0	21.95	22.09	21.94	23.50
1.4	64QAM	3	1	22.03	22.13	21.83	23.50
1.4	64QAM	3	3	22.14	22.16	21.79	23.50
1.4	64QAM	6	0	20.95	21.06	20.89	22.50
1.4	256QAM	1	0	19.31	19.38	19.20	20.50
1.4	256QAM	1	3	19.12	19.22	18.92	20.50
1.4	256QAM	1	5	19.23	19.33	19.10	20.50
1.4	256QAM	3	0	19.12	19.10	18.84	20.50
1.4	256QAM	3	1	19.02	19.14	18.79	20.50
1.4	256QAM	3	3	19.07	19.08	18.86	20.50
1.4	256QAM	6	0	19.02	19.05	18.88	20.50

【LTE Band 2_Ant 3_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	24.26	24.32	24.27	24.70
20	QPSK	1	49	24.20	24.30	24.22	24.70
20	QPSK	1	99	24.19	24.27	24.18	24.70
20	QPSK	50	0	23.29	23.35	23.21	23.70
20	QPSK	50	24	23.26	23.33	23.18	23.70
20	QPSK	50	50	23.17	23.26	23.14	23.70
20	QPSK	100	0	23.15	23.29	23.14	23.70
20	16QAM	1	0	23.20	23.34	23.16	23.70
20	16QAM	1	49	23.15	23.31	23.22	23.70
20	16QAM	1	99	23.12	23.25	23.12	23.70
20	16QAM	50	0	22.05	22.25	22.14	22.70
20	16QAM	50	24	22.15	22.29	22.17	22.70
20	16QAM	50	50	22.17	22.25	22.06	22.70
20	16QAM	100	0	22.25	22.36	22.16	22.70
20	64QAM	1	0	22.11	22.26	22.20	22.70
20	64QAM	1	49	22.10	22.25	22.11	22.70
20	64QAM	1	99	22.12	22.29	22.14	22.70
20	64QAM	50	0	21.19	21.33	21.25	21.70
20	64QAM	50	24	21.16	21.24	21.14	21.70
20	64QAM	50	50	21.15	21.32	21.18	21.70
20	64QAM	100	0	21.28	21.38	21.20	21.70
20	256QAM	1	0	19.13	19.25	19.16	19.70
20	256QAM	1	49	18.95	19.11	19.06	19.70
20	256QAM	1	99	19.04	19.20	19.13	19.70
20	256QAM	50	0	19.19	19.34	19.27	19.70
20	256QAM	50	24	19.16	19.33	19.20	19.70
20	256QAM	50	50	19.10	19.19	19.08	19.70
20	256QAM	100	0	19.19	19.35	19.29	19.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.18	24.29	24.13	24.70
15	QPSK	1	37	24.08	24.28	24.16	24.70
15	QPSK	1	74	24.05	24.20	24.16	24.70
15	QPSK	36	0	23.19	23.30	23.10	23.70
15	QPSK	36	20	23.20	23.26	23.04	23.70
15	QPSK	36	39	23.14	23.22	23.07	23.70
15	QPSK	75	0	23.10	23.23	23.02	23.70
15	16QAM	1	0	23.17	23.30	23.03	23.70
15	16QAM	1	37	23.00	23.30	23.08	23.70
15	16QAM	1	74	23.10	23.23	23.07	23.70
15	16QAM	36	0	21.97	22.16	22.07	22.70
15	16QAM	36	20	22.02	22.18	22.12	22.70
15	16QAM	36	39	22.14	22.12	21.93	22.70
15	16QAM	75	0	22.20	22.30	22.05	22.70
15	64QAM	1	0	21.97	22.23	22.11	22.70
15	64QAM	1	37	22.05	22.18	21.97	22.70
15	64QAM	1	74	22.09	22.20	22.03	22.70
15	64QAM	36	0	21.04	21.28	21.13	21.70
15	64QAM	36	20	21.06	21.19	21.12	21.70
15	64QAM	36	39	21.06	21.20	21.06	21.70
15	64QAM	75	0	21.17	21.36	21.09	21.70
15	256QAM	1	0	19.01	19.12	19.09	19.70
15	256QAM	1	37	18.82	18.98	19.05	19.70
15	256QAM	1	74	18.91	19.16	19.06	19.70
15	256QAM	36	0	19.13	19.23	19.14	19.70
15	256QAM	36	20	19.13	19.21	19.11	19.70
15	256QAM	36	39	18.96	19.12	19.05	19.70
15	256QAM	75	0	19.10	19.31	19.27	19.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.13	24.17	24.19	24.70
10	QPSK	1	25	24.10	24.16	24.13	24.70
10	QPSK	1	49	24.16	24.19	24.10	24.70
10	QPSK	25	0	23.12	23.23	23.10	23.70
10	QPSK	25	12	23.16	23.25	23.09	23.70
10	QPSK	25	25	23.08	23.13	23.11	23.70
10	QPSK	50	0	23.13	23.17	23.13	23.70
10	16QAM	1	0	23.09	23.27	23.03	23.70
10	16QAM	1	25	23.12	23.24	23.18	23.70
10	16QAM	1	49	23.00	23.18	23.09	23.70
10	16QAM	25	0	21.92	22.24	22.03	22.70



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10	16QAM	25	12	22.14	22.23	22.08	22.70
10	16QAM	25	25	22.04	22.10	22.05	22.70
10	16QAM	50	0	22.13	22.22	22.09	22.70
10	64QAM	1	0	22.02	22.20	22.09	22.70
10	64QAM	1	25	22.08	22.13	22.02	22.70
10	64QAM	1	49	22.03	22.14	22.12	22.70
10	64QAM	25	0	21.06	21.20	21.11	21.70
10	64QAM	25	12	21.02	21.18	21.09	21.70
10	64QAM	25	25	21.08	21.30	21.12	21.70
10	64QAM	50	0	21.19	21.32	21.18	21.70
10	256QAM	1	0	19.09	19.13	19.04	19.70
10	256QAM	1	25	18.85	19.02	18.98	19.70
10	256QAM	1	49	18.94	19.05	19.08	19.70
10	256QAM	25	0	19.15	19.26	19.20	19.70
10	256QAM	25	12	19.07	19.23	19.13	19.70
10	256QAM	25	25	19.09	19.15	18.98	19.70
10	256QAM	50	0	19.15	19.31	19.18	19.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.12	24.29	24.14	24.70
5	QPSK	1	12	24.06	24.21	24.14	24.70
5	QPSK	1	24	24.08	24.22	24.14	24.70
5	QPSK	12	0	23.14	23.22	23.18	23.70
5	QPSK	12	7	23.18	23.27	23.04	23.70
5	QPSK	12	13	23.10	23.19	23.01	23.70
5	QPSK	25	0	23.00	23.20	23.02	23.70
5	16QAM	1	0	23.07	23.32	23.03	23.70
5	16QAM	1	12	23.04	23.19	23.19	23.70
5	16QAM	1	24	23.07	23.20	23.02	23.70
5	16QAM	12	0	21.90	22.12	22.07	22.70
5	16QAM	12	7	22.07	22.27	22.15	22.70
5	16QAM	12	13	22.10	22.20	21.99	22.70
5	16QAM	25	0	22.19	22.26	22.11	22.70
5	64QAM	1	0	21.96	22.21	22.08	22.70
5	64QAM	1	12	21.98	22.14	22.01	22.70
5	64QAM	1	24	22.00	22.19	22.11	22.70
5	64QAM	12	0	21.06	21.22	21.18	21.70
5	64QAM	12	7	21.11	21.16	21.05	21.70
5	64QAM	12	13	21.09	21.23	21.11	21.70
5	64QAM	25	0	21.24	21.31	21.15	21.70
5	256QAM	1	0	18.98	19.15	19.08	19.70
5	256QAM	1	12	18.81	18.99	18.98	19.70
5	256QAM	1	24	19.01	19.12	19.02	19.70
5	256QAM	12	0	19.18	19.21	19.13	19.70
5	256QAM	12	7	19.14	19.19	19.19	19.70
5	256QAM	12	13	18.98	19.09	19.01	19.70
5	256QAM	25	0	19.18	19.25	19.21	19.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.16	24.25	24.16	24.70
3	QPSK	1	8	24.05	24.26	24.08	24.70
3	QPSK	1	14	24.05	24.23	24.09	24.70
3	QPSK	8	0	23.15	23.28	23.06	23.70
3	QPSK	8	4	23.11	23.21	23.12	23.70
3	QPSK	8	7	23.07	23.20	23.13	23.70
3	QPSK	15	0	23.12	23.16	23.07	23.70
3	16QAM	1	0	23.06	23.25	23.14	23.70
3	16QAM	1	8	23.07	23.30	23.17	23.70
3	16QAM	1	14	23.01	23.22	22.97	23.70
3	16QAM	8	0	21.94	22.20	22.13	22.70
3	16QAM	8	4	22.13	22.23	22.13	22.70
3	16QAM	8	7	22.07	22.13	21.93	22.70
3	16QAM	15	0	22.18	22.22	22.03	22.70
3	64QAM	1	0	22.07	22.16	22.17	22.70
3	64QAM	1	8	21.96	22.17	21.99	22.70
3	64QAM	1	14	22.00	22.15	22.07	22.70
3	64QAM	8	0	21.17	21.31	21.17	21.70
3	64QAM	8	4	21.15	21.20	21.00	21.70
3	64QAM	8	7	21.01	21.30	21.10	21.70
3	64QAM	15	0	21.19	21.34	21.14	21.70
3	256QAM	1	0	19.00	19.14	19.10	19.70
3	256QAM	1	8	18.89	19.00	18.98	19.70
3	256QAM	1	14	18.96	19.10	19.11	19.70
3	256QAM	8	0	19.05	19.23	19.23	19.70
3	256QAM	8	4	19.05	19.24	19.11	19.70
3	256QAM	8	7	18.95	19.04	18.99	19.70
3	256QAM	15	0	19.12	19.34	19.21	19.70
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.14	24.25	24.12	24.70
1.4	QPSK	1	3	24.16	24.23	24.15	24.70
1.4	QPSK	1	5	24.12	24.15	24.10	24.70
1.4	QPSK	3	0	24.23	24.29	24.10	24.70
1.4	QPSK	3	1	24.13	24.23	24.10	24.70
1.4	QPSK	3	3	24.15	24.15	24.10	24.70
1.4	QPSK	6	0	23.03	23.17	23.07	23.70
1.4	16QAM	1	0	23.12	23.31	23.06	23.70
1.4	16QAM	1	3	23.12	23.30	23.13	23.70
1.4	16QAM	1	5	22.98	23.17	23.06	23.70
1.4	16QAM	3	0	22.92	23.19	23.00	23.70
1.4	16QAM	3	1	23.05	23.18	23.12	23.70
1.4	16QAM	3	3	23.07	23.14	22.99	23.70
1.4	16QAM	6	0	22.16	22.28	22.07	22.70
1.4	64QAM	1	0	21.98	22.12	22.18	22.70
1.4	64QAM	1	3	22.06	22.11	22.09	22.70
1.4	64QAM	1	5	22.01	22.19	22.01	22.70
1.4	64QAM	3	0	22.16	22.28	22.11	22.70
1.4	64QAM	3	1	22.13	22.15	22.01	22.70
1.4	64QAM	3	3	22.07	22.24	22.12	22.70
1.4	64QAM	6	0	21.15	21.35	21.14	21.70
1.4	256QAM	1	0	19.12	19.22	19.09	19.70
1.4	256QAM	1	3	18.85	18.97	18.93	19.70
1.4	256QAM	1	5	18.90	19.06	19.03	19.70
1.4	256QAM	3	0	19.18	19.32	19.20	19.70
1.4	256QAM	3	1	19.01	19.30	19.18	19.70
1.4	256QAM	3	3	18.98	19.04	18.95	19.70
1.4	256QAM	6	0	19.16	19.29	19.15	19.70

【LTE Band 2_Ant 3_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	23.93	23.97	23.91	25.50
20	QPSK	1	49	23.71	23.82	23.68	25.50
20	QPSK	1	99	23.79	23.88	23.81	25.50
20	QPSK	50	0	22.79	22.85	22.77	24.50
20	QPSK	50	24	22.74	22.81	22.70	24.50
20	QPSK	50	50	22.76	22.82	22.75	24.50
20	QPSK	100	0	22.68	22.79	22.67	24.50
20	16QAM	1	0	22.85	22.92	22.80	24.50
20	16QAM	1	49	22.81	22.80	22.73	24.50
20	16QAM	1	99	22.89	22.88	22.77	24.50
20	16QAM	50	0	21.77	21.79	21.77	23.50
20	16QAM	50	24	21.72	21.80	21.70	23.50
20	16QAM	50	50	21.80	21.83	21.72	23.50
20	16QAM	100	0	21.69	21.79	21.78	23.50
20	64QAM	1	0	21.81	21.84	21.73	23.50
20	64QAM	1	49	21.67	21.71	21.68	23.50
20	64QAM	1	99	21.74	21.74	21.61	23.50
20	64QAM	50	0	20.74	20.81	20.71	22.50
20	64QAM	50	24	20.72	20.82	20.77	22.50
20	64QAM	50	50	20.82	20.83	20.72	22.50
20	64QAM	100	0	20.73	20.82	20.79	22.50
20	256QAM	1	0	18.74	18.73	18.62	20.50
20	256QAM	1	49	18.67	18.67	18.57	20.50
20	256QAM	1	99	18.68	18.74	18.71	20.50
20	256QAM	50	0	18.73	18.77	18.73	20.50
20	256QAM	50	24	18.78	18.78	18.69	20.50
20	256QAM	50	50	18.72	18.80	18.77	20.50
20	256QAM	100	0	18.80	18.79	18.72	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.90	23.76	23.89	25.50
15	QPSK	1	37	23.56	23.76	23.54	25.50
15	QPSK	1	74	23.69	23.87	23.78	25.50
15	QPSK	36	0	22.72	22.72	22.57	24.50
15	QPSK	36	20	22.68	22.80	22.66	24.50
15	QPSK	36	39	22.63	22.75	22.72	24.50
15	QPSK	75	0	22.61	22.68	22.65	24.50



15	16QAM	1	0	22.76	22.78	22.78	24.50
15	16QAM	1	37	22.66	22.75	22.64	24.50
15	16QAM	1	74	22.85	22.73	22.74	24.50
15	16QAM	36	0	21.68	21.67	21.74	23.50
15	16QAM	36	20	21.69	21.67	21.66	23.50
15	16QAM	36	39	21.67	21.79	21.61	23.50
15	16QAM	75	0	21.67	21.68	21.74	23.50
15	64QAM	1	0	21.66	21.74	21.63	23.50
15	64QAM	1	37	21.53	21.63	21.55	23.50
15	64QAM	1	74	21.68	21.69	21.47	23.50
15	64QAM	36	0	20.63	20.69	20.64	22.50
15	64QAM	36	20	20.64	20.78	20.71	22.50
15	64QAM	36	39	20.69	20.76	20.65	22.50
15	64QAM	75	0	20.64	20.74	20.76	22.50
15	256QAM	1	0	18.63	18.67	18.56	20.50
15	256QAM	1	37	18.66	18.54	18.55	20.50
15	256QAM	1	74	18.66	18.71	18.59	20.50
15	256QAM	36	0	18.68	18.65	18.61	20.50
15	256QAM	36	20	18.64	18.73	18.58	20.50
15	256QAM	36	39	18.61	18.69	18.68	20.50
15	256QAM	75	0	18.78	18.64	18.58	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.90	23.81	23.78	25.50
10	QPSK	1	25	23.69	23.79	23.58	25.50
10	QPSK	1	49	23.76	23.79	23.66	25.50
10	QPSK	25	0	22.70	22.69	22.61	24.50
10	QPSK	25	12	22.59	22.70	22.62	24.50
10	QPSK	25	25	22.70	22.67	22.71	24.50
10	QPSK	50	0	22.66	22.65	22.65	24.50
10	16QAM	1	0	22.81	22.85	22.72	24.50
10	16QAM	1	25	22.74	22.71	22.72	24.50
10	16QAM	1	49	22.84	22.81	22.64	24.50
10	16QAM	25	0	21.71	21.77	21.62	23.50
10	16QAM	25	12	21.61	21.71	21.65	23.50
10	16QAM	25	25	21.77	21.73	21.62	23.50
10	16QAM	50	0	21.68	21.66	21.75	23.50
10	64QAM	1	0	21.68	21.71	21.64	23.50
10	64QAM	1	25	21.56	21.62	21.57	23.50
10	64QAM	1	49	21.61	21.72	21.55	23.50
10	64QAM	25	0	20.66	20.72	20.69	22.50
10	64QAM	25	12	20.66	20.79	20.67	22.50
10	64QAM	25	25	20.77	20.71	20.67	22.50
10	64QAM	50	0	20.70	20.79	20.69	22.50
10	256QAM	1	0	18.65	18.70	18.50	20.50
10	256QAM	1	25	18.65	18.58	18.49	20.50
10	256QAM	1	49	18.59	18.66	18.65	20.50
10	256QAM	25	0	18.63	18.63	18.65	20.50
10	256QAM	25	12	18.70	18.75	18.64	20.50
10	256QAM	25	25	18.60	18.67	18.63	20.50
10	256QAM	50	0	18.70	18.74	18.63	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.84	23.79	23.86	25.50
5	QPSK	1	12	23.58	23.74	23.62	25.50
5	QPSK	1	24	23.67	23.77	23.68	25.50
5	QPSK	12	0	22.72	22.67	22.60	24.50
5	QPSK	12	7	22.72	22.76	22.65	24.50
5	QPSK	12	13	22.67	22.69	22.61	24.50
5	QPSK	25	0	22.63	22.71	22.61	24.50
5	16QAM	1	0	22.73	22.81	22.70	24.50
5	16QAM	1	12	22.78	22.70	22.66	24.50
5	16QAM	1	24	22.82	22.80	22.68	24.50
5	16QAM	12	0	21.73	21.65	21.65	23.50
5	16QAM	12	7	21.57	21.79	21.63	23.50
5	16QAM	12	13	21.76	21.71	21.59	23.50
5	16QAM	25	0	21.64	21.68	21.73	23.50
5	64QAM	1	0	21.77	21.77	21.71	23.50
5	64QAM	1	12	21.54	21.58	21.59	23.50
5	64QAM	1	24	21.60	21.61	21.48	23.50
5	64QAM	12	0	20.71	20.79	20.66	22.50
5	64QAM	12	7	20.66	20.77	20.71	22.50
5	64QAM	12	13	20.71	20.75	20.65	22.50
5	64QAM	25	0	20.66	20.74	20.67	22.50
5	256QAM	1	0	18.71	18.68	18.57	20.50
5	256QAM	1	12	18.61	18.62	18.51	20.50
5	256QAM	1	24	18.61	18.64	18.68	20.50
5	256QAM	12	0	18.59	18.62	18.65	20.50



5	256QAM	12	7	18.75	18.73	18.67	20.50
5	256QAM	12	13	18.60	18.71	18.74	20.50
5	256QAM	25	0	18.76	18.65	18.71	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.86	23.83	23.78	25.50
3	QPSK	1	8	23.68	23.81	23.58	25.50
3	QPSK	1	14	23.75	23.81	23.68	25.50
3	QPSK	8	0	22.63	22.66	22.66	24.50
3	QPSK	8	4	22.72	22.67	22.69	24.50
3	QPSK	8	7	22.62	22.80	22.62	24.50
3	QPSK	15	0	22.55	22.75	22.59	24.50
3	16QAM	1	0	22.82	22.79	22.74	24.50
3	16QAM	1	8	22.70	22.68	22.60	24.50
3	16QAM	1	14	22.81	22.80	22.66	24.50
3	16QAM	8	0	21.65	21.78	21.76	23.50
3	16QAM	8	4	21.65	21.67	21.60	23.50
3	16QAM	8	7	21.77	21.72	21.62	23.50
3	16QAM	15	0	21.62	21.72	21.65	23.50
3	64QAM	1	0	21.76	21.79	21.64	23.50
3	64QAM	1	8	21.57	21.67	21.62	23.50
3	64QAM	1	14	21.71	21.65	21.59	23.50
3	64QAM	8	0	20.72	20.79	20.62	22.50
3	64QAM	8	4	20.68	20.80	20.68	22.50
3	64QAM	8	7	20.78	20.77	20.68	22.50
3	64QAM	15	0	20.71	20.72	20.66	22.50
3	256QAM	1	0	18.65	18.68	18.61	20.50
3	256QAM	1	8	18.66	18.53	18.43	20.50
3	256QAM	1	14	18.60	18.68	18.68	20.50
3	256QAM	8	0	18.65	18.71	18.59	20.50
3	256QAM	8	4	18.71	18.72	18.66	20.50
3	256QAM	8	7	18.58	18.68	18.70	20.50
3	256QAM	15	0	18.74	18.70	18.64	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.84	23.77	23.88	25.50
1.4	QPSK	1	3	23.67	23.68	23.62	25.50
1.4	QPSK	1	5	23.76	23.76	23.75	25.50
1.4	QPSK	3	0	23.72	23.69	23.57	25.50
1.4	QPSK	3	1	23.69	23.74	23.61	25.50
1.4	QPSK	3	3	23.66	23.77	23.61	25.50
1.4	QPSK	6	0	22.62	22.68	22.60	24.50
1.4	16QAM	1	0	22.79	22.79	22.78	24.50
1.4	16QAM	1	3	22.70	22.67	22.72	24.50
1.4	16QAM	1	5	22.74	22.76	22.67	24.50
1.4	16QAM	3	0	22.75	22.72	22.70	24.50
1.4	16QAM	3	1	22.63	22.69	22.65	24.50
1.4	16QAM	3	3	22.70	22.73	22.70	24.50
1.4	16QAM	6	0	21.56	21.67	21.72	23.50
1.4	64QAM	1	0	21.74	21.76	21.67	23.50
1.4	64QAM	1	3	21.65	21.57	21.61	23.50
1.4	64QAM	1	5	21.70	21.71	21.59	23.50
1.4	64QAM	3	0	21.67	21.68	21.58	23.50
1.4	64QAM	3	1	21.59	21.75	21.62	23.50
1.4	64QAM	3	3	21.79	21.69	21.67	23.50
1.4	64QAM	6	0	20.68	20.77	20.69	22.50
1.4	256QAM	1	0	18.68	18.62	18.51	20.50
1.4	256QAM	1	3	18.62	18.66	18.47	20.50
1.4	256QAM	1	5	18.67	18.67	18.63	20.50
1.4	256QAM	3	0	18.69	18.63	18.70	20.50
1.4	256QAM	3	1	18.68	18.70	18.58	20.50
1.4	256QAM	3	3	18.69	18.73	18.75	20.50
1.4	256QAM	6	0	18.66	18.73	18.58	20.50

【LTE Band 2_Ant 3_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.26	16.33	16.29	17.50
20	QPSK	1	49	16.06	16.25	16.10	17.50
20	QPSK	1	99	16.02	16.23	16.13	17.50
20	QPSK	50	0	16.18	16.28	16.16	17.50
20	QPSK	50	24	16.00	16.21	16.07	17.50
20	QPSK	50	50	16.14	16.24	16.14	17.50
20	QPSK	100	0	16.13	16.26	16.15	17.50
20	16QAM	1	0	16.15	16.25	16.11	17.50
20	16QAM	1	49	16.10	16.21	16.05	17.50
20	16QAM	1	99	16.07	16.19	16.08	17.50
20	16QAM	50	0	16.00	16.08	15.98	17.50
20	16QAM	50	24	16.06	16.14	16.09	17.50
20	16QAM	50	50	15.97	16.18	16.02	17.50
20	16QAM	100	0	15.91	16.12	15.99	17.50
20	64QAM	1	0	16.00	16.17	16.02	17.50
20	64QAM	1	49	15.98	16.12	15.95	17.50
20	64QAM	1	99	16.03	16.17	16.01	17.50
20	64QAM	50	0	15.99	16.15	16.04	17.50
20	64QAM	50	24	15.98	16.19	16.12	17.50
20	64QAM	50	50	15.98	16.17	16.09	17.50
20	64QAM	100	0	15.91	16.12	15.95	17.50
20	256QAM	1	0	15.99	16.09	16.01	17.50
20	256QAM	1	49	15.98	16.13	16.04	17.50
20	256QAM	1	99	16.03	16.11	15.95	17.50
20	256QAM	50	0	16.00	16.20	16.09	17.50
20	256QAM	50	24	15.87	16.07	15.99	17.50
20	256QAM	50	50	15.99	16.13	16.04	17.50
20	256QAM	100	0	15.97	16.15	16.01	17.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.17	16.21	16.21	17.50
15	QPSK	1	37	15.98	16.12	15.99	17.50
15	QPSK	1	74	16.00	16.20	16.03	17.50
15	QPSK	36	0	16.06	16.20	16.04	17.50
15	QPSK	36	20	15.86	16.16	16.04	17.50
15	QPSK	36	39	16.02	16.22	16.09	17.50
15	QPSK	75	0	16.06	16.14	16.11	17.50
15	16QAM	1	0	16.02	16.13	16.01	17.50
15	16QAM	1	37	15.97	16.09	15.97	17.50
15	16QAM	1	74	16.00	16.06	16.00	17.50
15	16QAM	36	0	15.89	16.01	15.85	17.50
15	16QAM	36	20	16.03	16.02	16.00	17.50
15	16QAM	36	39	15.85	16.13	16.01	17.50
15	16QAM	75	0	15.87	16.07	15.95	17.50
15	64QAM	1	0	15.89	16.09	15.93	17.50
15	64QAM	1	37	15.95	15.99	15.92	17.50
15	64QAM	1	74	15.92	16.07	15.90	17.50
15	64QAM	36	0	15.94	16.10	15.91	17.50
15	64QAM	36	20	15.84	16.09	16.01	17.50
15	64QAM	36	39	15.88	16.09	15.98	17.50
15	64QAM	75	0	15.89	16.05	15.83	17.50
15	256QAM	1	0	15.87	16.06	15.96	17.50
15	256QAM	1	37	15.92	16.01	15.90	17.50
15	256QAM	1	74	16.01	16.07	15.88	17.50
15	256QAM	36	0	15.99	16.16	15.97	17.50
15	256QAM	36	20	15.86	16.04	15.87	17.50
15	256QAM	36	39	15.92	16.00	15.93	17.50
15	256QAM	75	0	15.86	16.05	15.99	17.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.17	16.18	16.15	17.50
10	QPSK	1	25	16.03	16.11	16.08	17.50
10	QPSK	1	49	15.89	16.13	16.00	17.50
10	QPSK	25	0	16.01	16.17	16.09	17.50
10	QPSK	25	12	15.90	16.19	16.04	17.50
10	QPSK	25	25	16.07	16.16	16.10	17.50
10	QPSK	50	0	16.03	16.24	16.08	17.50
10	16QAM	1	0	16.05	16.10	16.09	17.50
10	16QAM	1	25	15.96	16.12	15.98	17.50
10	16QAM	1	49	16.01	16.14	16.06	17.50
10	16QAM	25	0	15.88	15.99	15.83	17.50



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10	16QAM	25	12	15.98	16.07	16.05	17.50
10	16QAM	25	25	15.95	16.14	15.88	17.50
10	16QAM	50	0	15.88	16.00	15.90	17.50
10	64QAM	1	0	15.95	16.10	15.95	17.50
10	64QAM	1	25	15.91	16.01	15.82	17.50
10	64QAM	1	49	15.89	16.15	15.88	17.50
10	64QAM	25	0	15.91	16.04	15.95	17.50
10	64QAM	25	12	15.84	16.12	15.99	17.50
10	64QAM	25	25	15.97	16.05	15.99	17.50
10	64QAM	50	0	15.85	16.07	15.90	17.50
10	256QAM	1	0	15.95	16.06	15.94	17.50
10	256QAM	1	25	15.96	16.08	15.95	17.50
10	256QAM	1	49	15.95	16.08	15.83	17.50
10	256QAM	25	0	15.92	16.17	16.06	17.50
10	256QAM	25	12	15.83	15.94	15.97	17.50
10	256QAM	25	25	15.94	16.00	15.97	17.50
10	256QAM	50	0	15.87	16.09	15.88	17.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.24	16.26	16.19	17.50
5	QPSK	1	12	16.03	16.21	16.00	17.50
5	QPSK	1	24	15.94	16.15	16.12	17.50
5	QPSK	12	0	16.04	16.20	16.07	17.50
5	QPSK	12	7	15.91	16.09	15.93	17.50
5	QPSK	12	13	16.10	16.19	16.07	17.50
5	QPSK	25	0	16.10	16.25	16.05	17.50
5	16QAM	1	0	16.02	16.19	16.02	17.50
5	16QAM	1	12	16.08	16.13	15.99	17.50
5	16QAM	1	24	15.93	16.13	16.03	17.50
5	16QAM	12	0	15.85	16.04	15.86	17.50
5	16QAM	12	7	15.95	16.09	15.98	17.50
5	16QAM	12	13	15.86	16.04	15.98	17.50
5	16QAM	25	0	15.81	16.06	15.96	17.50
5	64QAM	1	0	15.98	16.05	15.96	17.50
5	64QAM	1	12	15.95	16.05	15.92	17.50
5	64QAM	1	24	15.89	16.05	15.93	17.50
5	64QAM	12	0	15.91	16.02	15.96	17.50
5	64QAM	12	7	15.90	16.12	16.08	17.50
5	64QAM	12	13	15.95	16.11	16.07	17.50
5	64QAM	25	0	15.77	16.09	15.86	17.50
5	256QAM	1	0	15.93	16.05	15.89	17.50
5	256QAM	1	12	15.91	16.06	15.91	17.50
5	256QAM	1	24	16.01	16.04	15.86	17.50
5	256QAM	12	0	15.92	16.17	16.02	17.50
5	256QAM	12	7	15.80	15.94	15.97	17.50
5	256QAM	12	13	15.94	16.07	15.93	17.50
5	256QAM	25	0	15.91	16.09	15.89	17.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.21	16.28	16.22	17.50
3	QPSK	1	8	15.97	16.11	15.97	17.50
3	QPSK	1	14	15.91	16.13	16.04	17.50
3	QPSK	8	0	15.95	16.25	16.12	17.50
3	QPSK	8	4	15.96	16.08	16.04	17.50
3	QPSK	8	7	16.08	16.16	16.02	17.50
3	QPSK	15	0	16.05	16.12	16.09	17.50
3	16QAM	1	0	16.03	16.18	15.97	17.50
3	16QAM	1	8	16.05	16.13	15.90	17.50
3	16QAM	1	14	16.06	16.08	16.07	17.50
3	16QAM	8	0	15.96	15.93	15.87	17.50
3	16QAM	8	4	15.95	16.07	15.97	17.50
3	16QAM	8	7	15.89	16.16	15.97	17.50
3	16QAM	15	0	15.85	16.04	15.95	17.50
3	64QAM	1	0	15.98	16.08	15.89	17.50
3	64QAM	1	8	15.89	16.10	15.87	17.50
3	64QAM	1	14	15.92	16.12	15.87	17.50
3	64QAM	8	0	15.91	16.00	15.98	17.50
3	64QAM	8	4	15.86	16.16	16.05	17.50
3	64QAM	8	7	15.84	16.11	15.95	17.50
3	64QAM	15	0	15.87	16.09	15.83	17.50
3	256QAM	1	0	15.89	16.04	15.89	17.50
3	256QAM	1	8	15.84	16.05	15.93	17.50
3	256QAM	1	14	15.97	15.98	15.83	17.50
3	256QAM	8	0	15.90	16.12	15.99	17.50
3	256QAM	8	4	15.74	15.93	15.96	17.50
3	256QAM	8	7	15.93	16.02	15.97	17.50
3	256QAM	15	0	15.87	16.07	15.87	17.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.11	16.28	16.21	17.50
1.4	QPSK	1	3	15.92	16.22	15.97	17.50
1.4	QPSK	1	5	16.01	16.10	16.08	17.50
1.4	QPSK	3	0	16.06	16.14	16.06	17.50
1.4	QPSK	3	1	15.97	16.17	16.03	17.50
1.4	QPSK	3	3	16.03	16.21	16.10	17.50
1.4	QPSK	6	0	16.10	16.20	16.04	17.50
1.4	16QAM	1	0	16.09	16.18	15.97	17.50
1.4	16QAM	1	3	16.00	16.18	15.93	17.50
1.4	16QAM	1	5	16.00	16.07	15.99	17.50
1.4	16QAM	3	0	15.97	15.93	15.91	17.50
1.4	16QAM	3	1	16.04	16.06	16.05	17.50
1.4	16QAM	3	3	15.87	16.16	15.93	17.50
1.4	16QAM	6	0	15.83	16.00	15.94	17.50
1.4	64QAM	1	0	15.93	16.16	15.95	17.50
1.4	64QAM	1	3	15.92	16.03	15.81	17.50
1.4	64QAM	1	5	16.01	16.03	15.97	17.50
1.4	64QAM	3	0	15.85	16.01	15.90	17.50
1.4	64QAM	3	1	15.87	16.06	15.99	17.50
1.4	64QAM	3	3	15.97	16.10	16.08	17.50
1.4	64QAM	6	0	15.81	16.10	15.88	17.50
1.4	256QAM	1	0	15.90	15.99	15.95	17.50
1.4	256QAM	1	3	15.95	16.07	15.98	17.50
1.4	256QAM	1	5	15.88	16.05	15.81	17.50
1.4	256QAM	3	0	15.97	16.11	15.96	17.50
1.4	256QAM	3	1	15.86	15.93	15.91	17.50
1.4	256QAM	3	3	15.96	16.01	15.99	17.50
1.4	256QAM	6	0	15.83	16.14	15.92	17.50

【LTE Band 2_Ant 3_ECI1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.24	16.29	16.23	16.70
20	QPSK	1	49	15.96	16.11	15.98	16.70
20	QPSK	1	99	16.02	16.11	16.03	16.70
20	QPSK	50	0	16.12	16.17	16.13	16.70
20	QPSK	50	24	15.89	16.09	15.91	16.70
20	QPSK	50	50	15.96	16.15	16.00	16.70
20	QPSK	100	0	15.89	16.02	15.82	16.70
20	16QAM	1	0	16.00	16.08	15.92	16.70
20	16QAM	1	49	16.00	16.09	15.89	16.70
20	16QAM	1	99	16.00	16.11	16.02	16.70
20	16QAM	50	0	15.92	16.09	15.91	16.70
20	16QAM	50	24	16.03	16.11	15.98	16.70
20	16QAM	50	50	15.92	16.06	15.93	16.70
20	16QAM	100	0	16.04	16.14	15.98	16.70
20	64QAM	1	0	15.99	16.07	16.00	16.70
20	64QAM	1	49	15.98	16.12	16.00	16.70
20	64QAM	1	99	15.90	16.05	15.86	16.70
20	64QAM	50	0	15.98	16.10	15.99	16.70
20	64QAM	50	24	15.92	16.06	15.98	16.70
20	64QAM	50	50	15.97	16.12	15.94	16.70
20	64QAM	100	0	15.88	16.06	15.87	16.70
20	256QAM	1	0	16.07	16.17	16.03	16.70
20	256QAM	1	49	15.90	16.03	15.86	16.70
20	256QAM	1	99	15.97	16.16	16.02	16.70
20	256QAM	50	0	16.15	16.22	16.17	16.70
20	256QAM	50	24	15.92	16.11	15.98	16.70
20	256QAM	50	50	15.97	16.11	15.94	16.70
20	256QAM	100	0	16.03	16.17	16.07	16.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.21	16.20	16.15	16.70
15	QPSK	1	37	15.85	16.06	15.97	16.70
15	QPSK	1	74	15.88	16.07	15.99	16.70
15	QPSK	36	0	16.01	16.05	16.04	16.70
15	QPSK	36	20	15.75	16.05	15.89	16.70
15	QPSK	36	39	15.90	16.06	15.89	16.70
15	QPSK	75	0	15.78	15.96	15.77	16.70



15	16QAM	1	0	15.96	15.94	15.81	16.70
15	16QAM	1	37	15.98	16.05	15.84	16.70
15	16QAM	1	74	15.98	16.10	16.00	16.70
15	16QAM	36	0	15.89	15.97	15.80	16.70
15	16QAM	36	20	15.94	16.06	15.84	16.70
15	16QAM	36	39	15.88	16.02	15.82	16.70
15	16QAM	75	0	15.93	16.06	15.91	16.70
15	64QAM	1	0	15.86	15.93	15.90	16.70
15	64QAM	1	37	15.96	16.11	15.96	16.70
15	64QAM	1	74	15.81	15.96	15.78	16.70
15	64QAM	36	0	15.92	16.08	15.86	16.70
15	64QAM	36	20	15.80	15.98	15.93	16.70
15	64QAM	36	39	15.94	15.97	15.84	16.70
15	64QAM	75	0	15.76	15.91	15.74	16.70
15	256QAM	1	0	15.96	16.13	16.01	16.70
15	256QAM	1	37	15.86	15.99	15.72	16.70
15	256QAM	1	74	15.92	16.04	15.90	16.70
15	256QAM	36	0	16.05	16.21	16.08	16.70
15	256QAM	36	20	15.80	16.03	15.86	16.70
15	256QAM	36	39	15.95	16.00	15.92	16.70
15	256QAM	75	0	15.99	16.09	15.92	16.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.22	16.18	16.13	16.70
10	QPSK	1	25	15.87	16.01	15.88	16.70
10	QPSK	1	49	16.00	16.01	15.95	16.70
10	QPSK	25	0	16.03	16.11	16.00	16.70
10	QPSK	25	12	15.84	15.96	15.83	16.70
10	QPSK	25	25	15.82	16.03	15.92	16.70
10	QPSK	50	0	15.77	15.95	15.67	16.70
10	16QAM	1	0	15.94	16.05	15.91	16.70
10	16QAM	1	25	15.89	15.99	15.81	16.70
10	16QAM	1	49	15.96	15.99	15.87	16.70
10	16QAM	25	0	15.82	16.00	15.87	16.70
10	16QAM	25	12	15.90	16.00	15.84	16.70
10	16QAM	25	25	15.83	15.95	15.84	16.70
10	16QAM	50	0	15.91	16.01	15.95	16.70
10	64QAM	1	0	15.97	16.02	15.97	16.70
10	64QAM	1	25	15.88	15.99	15.86	16.70
10	64QAM	1	49	15.88	16.04	15.80	16.70
10	64QAM	25	0	15.95	16.05	15.91	16.70
10	64QAM	25	12	15.86	15.94	15.97	16.70
10	64QAM	25	25	15.86	16.01	15.82	16.70
10	64QAM	50	0	15.85	15.91	15.76	16.70
10	256QAM	1	0	15.96	16.15	15.99	16.70
10	256QAM	1	25	15.77	15.93	15.73	16.70
10	256QAM	1	49	15.92	16.04	15.98	16.70
10	256QAM	25	0	16.04	16.23	16.09	16.70
10	256QAM	25	12	15.77	16.02	15.85	16.70
10	256QAM	25	25	15.88	16.10	15.91	16.70
10	256QAM	50	0	15.98	16.10	16.01	16.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.18	16.22	16.18	16.70
5	QPSK	1	12	15.92	16.10	15.84	16.70
5	QPSK	1	24	15.91	16.00	15.97	16.70
5	QPSK	12	0	16.06	16.08	16.00	16.70
5	QPSK	12	7	15.79	15.99	15.86	16.70
5	QPSK	12	13	15.86	16.14	15.91	16.70
5	QPSK	25	0	15.84	16.00	15.75	16.70
5	16QAM	1	0	15.85	16.04	15.84	16.70
5	16QAM	1	12	15.96	16.07	15.87	16.70
5	16QAM	1	24	15.94	15.99	15.93	16.70
5	16QAM	12	0	15.81	15.97	15.87	16.70
5	16QAM	12	7	15.97	15.97	15.86	16.70
5	16QAM	12	13	15.87	16.04	15.91	16.70
5	16QAM	25	0	15.93	16.07	15.90	16.70
5	64QAM	1	0	15.87	15.98	15.87	16.70
5	64QAM	1	12	15.86	16.07	15.97	16.70
5	64QAM	1	24	15.81	16.03	15.74	16.70
5	64QAM	12	0	15.92	15.97	15.88	16.70
5	64QAM	12	7	15.87	15.97	15.89	16.70
5	64QAM	12	13	15.87	16.08	15.86	16.70
5	64QAM	25	0	15.86	15.97	15.79	16.70
5	256QAM	1	0	15.95	16.08	15.98	16.70
5	256QAM	1	12	15.76	15.88	15.73	16.70
5	256QAM	1	24	15.86	16.01	15.88	16.70
5	256QAM	12	0	16.07	16.25	16.07	16.70



5	256QAM	12	7	15.79	15.97	15.86	16.70
5	256QAM	12	13	15.87	16.01	15.87	16.70
5	256QAM	25	0	15.91	16.08	15.92	16.70
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.21	16.27	16.20	16.70
3	QPSK	1	8	15.82	16.00	15.83	16.70
3	QPSK	1	14	15.97	16.03	15.95	16.70
3	QPSK	8	0	16.03	16.02	16.03	16.70
3	QPSK	8	4	15.78	15.96	15.77	16.70
3	QPSK	8	7	15.87	16.00	15.95	16.70
3	QPSK	15	0	15.76	15.99	15.79	16.70
3	16QAM	1	0	15.92	16.02	15.77	16.70
3	16QAM	1	8	15.99	16.07	15.79	16.70
3	16QAM	1	14	15.92	15.97	16.00	16.70
3	16QAM	8	0	15.82	15.97	15.89	16.70
3	16QAM	8	4	15.92	16.07	15.83	16.70
3	16QAM	8	7	15.79	16.01	15.89	16.70
3	16QAM	15	0	15.92	16.11	15.97	16.70
3	64QAM	1	0	15.92	15.97	15.86	16.70
3	64QAM	1	8	15.92	16.06	15.89	16.70
3	64QAM	1	14	15.76	15.99	15.82	16.70
3	64QAM	8	0	15.90	15.96	15.94	16.70
3	64QAM	8	4	15.79	15.98	15.95	16.70
3	64QAM	8	7	15.87	16.06	15.80	16.70
3	64QAM	15	0	15.84	15.98	15.75	16.70
3	256QAM	1	0	15.95	16.09	15.94	16.70
3	256QAM	1	8	15.85	15.99	15.84	16.70
3	256QAM	1	14	15.84	16.02	16.00	16.70
3	256QAM	8	0	16.12	16.22	16.05	16.70
3	256QAM	8	4	15.78	16.03	15.85	16.70
3	256QAM	8	7	15.84	15.99	15.80	16.70
3	256QAM	15	0	15.99	16.12	16.00	16.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.21	16.20	16.20	16.70
1.4	QPSK	1	3	15.87	15.98	15.88	16.70
1.4	QPSK	1	5	15.94	16.08	16.02	16.70
1.4	QPSK	3	0	16.07	16.11	16.09	16.70
1.4	QPSK	3	1	15.75	16.01	15.79	16.70
1.4	QPSK	3	3	15.84	16.00	15.96	16.70
1.4	QPSK	6	0	15.83	15.90	15.73	16.70
1.4	16QAM	1	0	15.88	16.00	15.90	16.70
1.4	16QAM	1	3	15.98	15.97	15.78	16.70
1.4	16QAM	1	5	15.90	16.04	15.94	16.70
1.4	16QAM	3	0	15.78	16.01	15.83	16.70
1.4	16QAM	3	1	15.96	16.08	15.94	16.70
1.4	16QAM	3	3	15.79	15.94	15.83	16.70
1.4	16QAM	6	0	16.01	16.08	15.86	16.70
1.4	64QAM	1	0	15.92	15.92	15.98	16.70
1.4	64QAM	1	3	15.89	16.03	15.87	16.70
1.4	64QAM	1	5	15.88	15.93	15.76	16.70
1.4	64QAM	3	0	15.91	16.03	15.85	16.70
1.4	64QAM	3	1	15.87	15.93	15.88	16.70
1.4	64QAM	3	3	15.94	16.10	15.89	16.70
1.4	64QAM	6	0	15.82	16.03	15.82	16.70
1.4	256QAM	1	0	15.97	16.16	16.01	16.70
1.4	256QAM	1	3	15.88	15.95	15.79	16.70
1.4	256QAM	1	5	15.90	16.07	15.90	16.70
1.4	256QAM	3	0	16.07	16.21	16.03	16.70
1.4	256QAM	3	1	15.83	15.96	15.95	16.70
1.4	256QAM	3	3	15.94	16.09	15.82	16.70
1.4	256QAM	6	0	15.89	16.04	15.95	16.70

【LTE Band 2_Ant 3_ECI1-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.93	15.95	15.91	17.50
20	QPSK	1	49	15.66	15.81	15.67	17.50
20	QPSK	1	99	15.74	15.87	15.71	17.50
20	QPSK	50	0	15.81	15.86	15.83	17.50
20	QPSK	50	24	15.67	15.81	15.74	17.50
20	QPSK	50	50	15.70	15.77	15.60	17.50
20	QPSK	100	0	15.69	15.74	15.56	17.50
20	16QAM	1	0	15.80	15.84	15.75	17.50
20	16QAM	1	49	15.68	15.79	15.66	17.50
20	16QAM	1	99	15.58	15.75	15.60	17.50
20	16QAM	50	0	15.74	15.82	15.69	17.50
20	16QAM	50	24	15.69	15.77	15.69	17.50
20	16QAM	50	50	15.71	15.74	15.62	17.50
20	16QAM	100	0	15.67	15.77	15.66	17.50
20	64QAM	1	0	15.74	15.80	15.65	17.50
20	64QAM	1	49	15.73	15.84	15.69	17.50
20	64QAM	1	99	15.73	15.83	15.66	17.50
20	64QAM	50	0	15.70	15.74	15.62	17.50
20	64QAM	50	24	15.72	15.80	15.62	17.50
20	64QAM	50	50	15.76	15.83	15.69	17.50
20	64QAM	100	0	15.61	15.77	15.60	17.50
20	256QAM	1	0	15.74	15.79	15.69	17.50
20	256QAM	1	49	15.64	15.78	15.70	17.50
20	256QAM	1	99	15.74	15.83	15.73	17.50
20	256QAM	50	0	15.84	15.95	15.87	17.50
20	256QAM	50	24	15.69	15.81	15.66	17.50
20	256QAM	50	50	15.81	15.87	15.78	17.50
20	256QAM	100	0	15.65	15.79	15.73	17.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.91	15.87	15.82	17.50
15	QPSK	1	37	15.57	15.67	15.55	17.50
15	QPSK	1	74	15.68	15.72	15.63	17.50
15	QPSK	36	0	15.71	15.71	15.76	17.50
15	QPSK	36	20	15.62	15.66	15.67	17.50
15	QPSK	36	39	15.57	15.67	15.58	17.50
15	QPSK	75	0	15.61	15.64	15.47	17.50
15	16QAM	1	0	15.78	15.73	15.68	17.50
15	16QAM	1	37	15.58	15.67	15.58	17.50
15	16QAM	1	74	15.52	15.74	15.52	17.50
15	16QAM	36	0	15.62	15.78	15.67	17.50
15	16QAM	36	20	15.56	15.70	15.66	17.50
15	16QAM	36	39	15.58	15.69	15.56	17.50
15	16QAM	75	0	15.63	15.75	15.59	17.50
15	64QAM	1	0	15.67	15.72	15.62	17.50
15	64QAM	1	37	15.67	15.75	15.59	17.50
15	64QAM	1	74	15.67	15.75	15.51	17.50
15	64QAM	36	0	15.63	15.66	15.50	17.50
15	64QAM	36	20	15.61	15.72	15.60	17.50
15	64QAM	36	39	15.63	15.69	15.55	17.50
15	64QAM	75	0	15.52	15.71	15.51	17.50
15	256QAM	1	0	15.59	15.76	15.63	17.50
15	256QAM	1	37	15.51	15.77	15.64	17.50
15	256QAM	1	74	15.65	15.81	15.72	17.50
15	256QAM	36	0	15.75	15.86	15.77	17.50
15	256QAM	36	20	15.66	15.75	15.59	17.50
15	256QAM	36	39	15.77	15.78	15.69	17.50
15	256QAM	75	0	15.64	15.71	15.70	17.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.89	15.87	15.76	17.50
10	QPSK	1	25	15.56	15.79	15.58	17.50
10	QPSK	1	49	15.64	15.77	15.58	17.50
10	QPSK	25	0	15.78	15.76	15.72	17.50
10	QPSK	25	12	15.55	15.69	15.59	17.50
10	QPSK	25	25	15.58	15.66	15.49	17.50
10	QPSK	50	0	15.55	15.62	15.43	17.50
10	16QAM	1	0	15.73	15.73	15.73	17.50
10	16QAM	1	25	15.55	15.73	15.60	17.50
10	16QAM	1	49	15.54	15.69	15.45	17.50
10	16QAM	25	0	15.64	15.78	15.64	17.50



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10	16QAM	25	12	15.59	15.75	15.57	17.50
10	16QAM	25	25	15.57	15.65	15.51	17.50
10	16QAM	50	0	15.55	15.73	15.60	17.50
10	64QAM	1	0	15.68	15.77	15.63	17.50
10	64QAM	1	25	15.64	15.76	15.64	17.50
10	64QAM	1	49	15.62	15.68	15.55	17.50
10	64QAM	25	0	15.67	15.66	15.49	17.50
10	64QAM	25	12	15.58	15.73	15.60	17.50
10	64QAM	25	25	15.68	15.74	15.58	17.50
10	64QAM	50	0	15.59	15.71	15.53	17.50
10	256QAM	1	0	15.67	15.70	15.68	17.50
10	256QAM	1	25	15.62	15.70	15.60	17.50
10	256QAM	1	49	15.67	15.77	15.70	17.50
10	256QAM	25	0	15.74	15.86	15.76	17.50
10	256QAM	25	12	15.56	15.72	15.62	17.50
10	256QAM	25	25	15.78	15.73	15.64	17.50
10	256QAM	50	0	15.56	15.65	15.70	17.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	15.79	15.93	15.77	17.50
5	QPSK	1	12	15.61	15.73	15.59	17.50
5	QPSK	1	24	15.67	15.84	15.57	17.50
5	QPSK	12	0	15.74	15.82	15.77	17.50
5	QPSK	12	7	15.66	15.73	15.72	17.50
5	QPSK	12	13	15.61	15.71	15.46	17.50
5	QPSK	25	0	15.65	15.60	15.46	17.50
5	16QAM	1	0	15.68	15.80	15.64	17.50
5	16QAM	1	12	15.60	15.74	15.59	17.50
5	16QAM	1	24	15.45	15.64	15.51	17.50
5	16QAM	12	0	15.63	15.81	15.66	17.50
5	16QAM	12	7	15.67	15.64	15.67	17.50
5	16QAM	12	13	15.62	15.65	15.56	17.50
5	16QAM	25	0	15.66	15.71	15.56	17.50
5	64QAM	1	0	15.64	15.70	15.51	17.50
5	64QAM	1	12	15.67	15.74	15.63	17.50
5	64QAM	1	24	15.67	15.69	15.53	17.50
5	64QAM	12	0	15.60	15.62	15.54	17.50
5	64QAM	12	7	15.59	15.77	15.61	17.50
5	64QAM	12	13	15.72	15.81	15.57	17.50
5	64QAM	25	0	15.53	15.74	15.57	17.50
5	256QAM	1	0	15.61	15.65	15.60	17.50
5	256QAM	1	12	15.61	15.70	15.62	17.50
5	256QAM	1	24	15.69	15.76	15.61	17.50
5	256QAM	12	0	15.78	15.90	15.84	17.50
5	256QAM	12	7	15.55	15.77	15.54	17.50
5	256QAM	12	13	15.74	15.84	15.70	17.50
5	256QAM	25	0	15.60	15.74	15.62	17.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	15.78	15.84	15.78	17.50
3	QPSK	1	8	15.56	15.66	15.56	17.50
3	QPSK	1	14	15.62	15.82	15.58	17.50
3	QPSK	8	0	15.70	15.76	15.74	17.50
3	QPSK	8	4	15.61	15.77	15.62	17.50
3	QPSK	8	7	15.60	15.73	15.56	17.50
3	QPSK	15	0	15.64	15.60	15.54	17.50
3	16QAM	1	0	15.67	15.69	15.62	17.50
3	16QAM	1	8	15.54	15.72	15.59	17.50
3	16QAM	1	14	15.56	15.69	15.51	17.50
3	16QAM	8	0	15.60	15.69	15.60	17.50
3	16QAM	8	4	15.55	15.70	15.59	17.50
3	16QAM	8	7	15.66	15.68	15.47	17.50
3	16QAM	15	0	15.66	15.64	15.54	17.50
3	64QAM	1	0	15.68	15.66	15.61	17.50
3	64QAM	1	8	15.67	15.71	15.66	17.50
3	64QAM	1	14	15.71	15.75	15.59	17.50
3	64QAM	8	0	15.61	15.68	15.53	17.50
3	64QAM	8	4	15.67	15.69	15.51	17.50
3	64QAM	8	7	15.72	15.72	15.60	17.50
3	64QAM	15	0	15.59	15.66	15.50	17.50
3	256QAM	1	0	15.64	15.64	15.65	17.50
3	256QAM	1	8	15.49	15.76	15.62	17.50
3	256QAM	1	14	15.64	15.69	15.60	17.50
3	256QAM	8	0	15.79	15.89	15.77	17.50
3	256QAM	8	4	15.64	15.67	15.62	17.50
3	256QAM	8	7	15.69	15.85	15.70	17.50
3	256QAM	15	0	15.59	15.65	15.61	17.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	15.91	15.80	15.85	17.50
1.4	QPSK	1	3	15.65	15.72	15.63	17.50
1.4	QPSK	1	5	15.63	15.83	15.66	17.50
1.4	QPSK	3	0	15.77	15.78	15.77	17.50
1.4	QPSK	3	1	15.54	15.71	15.69	17.50
1.4	QPSK	3	3	15.59	15.66	15.58	17.50
1.4	QPSK	6	0	15.67	15.71	15.42	17.50
1.4	16QAM	1	0	15.69	15.81	15.61	17.50
1.4	16QAM	1	3	15.66	15.69	15.63	17.50
1.4	16QAM	1	5	15.48	15.69	15.53	17.50
1.4	16QAM	3	0	15.69	15.80	15.65	17.50
1.4	16QAM	3	1	15.66	15.75	15.64	17.50
1.4	16QAM	3	3	15.59	15.68	15.58	17.50
1.4	16QAM	6	0	15.55	15.69	15.55	17.50
1.4	64QAM	1	0	15.73	15.73	15.52	17.50
1.4	64QAM	1	3	15.59	15.72	15.64	17.50
1.4	64QAM	1	5	15.72	15.72	15.53	17.50
1.4	64QAM	3	0	15.66	15.70	15.53	17.50
1.4	64QAM	3	1	15.65	15.69	15.55	17.50
1.4	64QAM	3	3	15.74	15.73	15.58	17.50
1.4	64QAM	6	0	15.57	15.72	15.58	17.50
1.4	256QAM	1	0	15.60	15.72	15.62	17.50
1.4	256QAM	1	3	15.55	15.77	15.64	17.50
1.4	256QAM	1	5	15.66	15.79	15.60	17.50
1.4	256QAM	3	0	15.77	15.80	15.73	17.50
1.4	256QAM	3	1	15.62	15.72	15.57	17.50
1.4	256QAM	3	3	15.76	15.77	15.77	17.50
1.4	256QAM	6	0	15.51	15.74	15.60	17.50

【LTE Band 2_Ant 3_ECI3】

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	17.74	17.76	17.71	19.00
20	QPSK	1	49	17.58	17.62	17.48	19.00
20	QPSK	1	99	17.56	17.62	17.50	19.00
20	QPSK	50	0	17.64	17.70	17.66	19.00
20	QPSK	50	24	17.52	17.65	17.59	19.00
20	QPSK	50	50	17.64	17.68	17.52	19.00
20	QPSK	100	0	17.61	17.66	17.62	19.00
20	16QAM	1	0	17.50	17.58	17.44	19.00
20	16QAM	1	49	17.39	17.49	17.41	19.00
20	16QAM	1	99	17.45	17.52	17.40	19.00
20	16QAM	50	0	17.41	17.53	17.41	19.00
20	16QAM	50	24	17.49	17.60	17.53	19.00
20	16QAM	50	50	17.52	17.63	17.56	19.00
20	16QAM	100	0	17.39	17.50	17.34	19.00
20	64QAM	1	0	17.54	17.60	17.44	19.00
20	64QAM	1	49	17.47	17.61	17.51	19.00
20	64QAM	1	99	17.41	17.54	17.45	19.00
20	64QAM	50	0	17.53	17.58	17.43	19.00
20	64QAM	50	24	17.46	17.53	17.45	19.00
20	64QAM	50	50	17.46	17.53	17.44	19.00
20	64QAM	100	0	17.47	17.51	17.36	19.00
20	256QAM	1	0	17.38	17.52	17.39	19.00
20	256QAM	1	49	17.53	17.58	17.44	19.00
20	256QAM	1	99	17.49	17.58	17.52	19.00
20	256QAM	50	0	17.45	17.52	17.46	19.00
20	256QAM	50	24	17.39	17.47	17.34	19.00
20	256QAM	50	50	17.49	17.53	17.36	19.00
20	256QAM	100	0	17.39	17.54	17.42	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.65	17.64	17.65	19.00
15	QPSK	1	37	17.45	17.58	17.43	19.00
15	QPSK	1	74	17.44	17.54	17.48	19.00
15	QPSK	36	0	17.55	17.56	17.56	19.00
15	QPSK	36	20	17.49	17.62	17.56	19.00
15	QPSK	36	39	17.53	17.67	17.40	19.00
15	QPSK	75	0	17.48	17.60	17.52	19.00



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15	16QAM	1	0	17.39	17.45	17.41	19.00
15	16QAM	1	37	17.28	17.35	17.31	19.00
15	16QAM	1	74	17.39	17.42	17.35	19.00
15	16QAM	36	0	17.31	17.47	17.40	19.00
15	16QAM	36	20	17.37	17.57	17.42	19.00
15	16QAM	36	39	17.46	17.48	17.45	19.00
15	16QAM	75	0	17.30	17.48	17.27	19.00
15	64QAM	1	0	17.42	17.57	17.36	19.00
15	64QAM	1	37	17.38	17.47	17.46	19.00
15	64QAM	1	74	17.36	17.49	17.41	19.00
15	64QAM	36	0	17.51	17.47	17.35	19.00
15	64QAM	36	20	17.43	17.39	17.31	19.00
15	64QAM	36	39	17.43	17.48	17.34	19.00
15	64QAM	75	0	17.43	17.36	17.34	19.00
15	256QAM	1	0	17.33	17.46	17.31	19.00
15	256QAM	1	37	17.42	17.52	17.33	19.00
15	256QAM	1	74	17.42	17.45	17.40	19.00
15	256QAM	36	0	17.37	17.49	17.36	19.00
15	256QAM	36	20	17.29	17.43	17.32	19.00
15	256QAM	36	39	17.40	17.44	17.28	19.00
15	256QAM	75	0	17.25	17.50	17.31	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.70	17.68	17.68	19.00
10	QPSK	1	25	17.45	17.59	17.42	19.00
10	QPSK	1	49	17.52	17.58	17.48	19.00
10	QPSK	25	0	17.53	17.63	17.60	19.00
10	QPSK	25	12	17.39	17.50	17.46	19.00
10	QPSK	25	25	17.50	17.62	17.39	19.00
10	QPSK	50	0	17.48	17.56	17.56	19.00
10	16QAM	1	0	17.41	17.56	17.30	19.00
10	16QAM	1	25	17.35	17.47	17.39	19.00
10	16QAM	1	49	17.34	17.44	17.31	19.00
10	16QAM	25	0	17.33	17.48	17.40	19.00
10	16QAM	25	12	17.43	17.53	17.48	19.00
10	16QAM	25	25	17.46	17.48	17.52	19.00
10	16QAM	50	0	17.27	17.36	17.23	19.00
10	64QAM	1	0	17.51	17.48	17.38	19.00
10	64QAM	1	25	17.34	17.53	17.37	19.00
10	64QAM	1	49	17.39	17.52	17.37	19.00
10	64QAM	25	0	17.45	17.55	17.41	19.00
10	64QAM	25	12	17.36	17.49	17.35	19.00
10	64QAM	25	25	17.32	17.49	17.41	19.00
10	64QAM	50	0	17.36	17.47	17.27	19.00
10	256QAM	1	0	17.28	17.47	17.28	19.00
10	256QAM	1	25	17.42	17.48	17.32	19.00
10	256QAM	1	49	17.37	17.49	17.44	19.00
10	256QAM	25	0	17.34	17.42	17.45	19.00
10	256QAM	25	12	17.27	17.37	17.21	19.00
10	256QAM	25	25	17.45	17.46	17.32	19.00
10	256QAM	50	0	17.38	17.51	17.33	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.69	17.65	17.66	19.00
5	QPSK	1	12	17.52	17.55	17.38	19.00
5	QPSK	1	24	17.44	17.55	17.47	19.00
5	QPSK	12	0	17.58	17.65	17.56	19.00
5	QPSK	12	7	17.47	17.54	17.45	19.00
5	QPSK	12	13	17.60	17.62	17.46	19.00
5	QPSK	25	0	17.47	17.53	17.51	19.00
5	16QAM	1	0	17.39	17.50	17.40	19.00
5	16QAM	1	12	17.25	17.35	17.27	19.00
5	16QAM	1	24	17.44	17.42	17.27	19.00
5	16QAM	12	0	17.28	17.49	17.36	19.00
5	16QAM	12	7	17.37	17.54	17.44	19.00
5	16QAM	12	13	17.43	17.50	17.55	19.00
5	16QAM	25	0	17.29	17.38	17.31	19.00
5	64QAM	1	0	17.46	17.47	17.41	19.00
5	64QAM	1	12	17.33	17.58	17.40	19.00
5	64QAM	1	24	17.37	17.45	17.41	19.00
5	64QAM	12	0	17.48	17.51	17.38	19.00
5	64QAM	12	7	17.42	17.42	17.31	19.00
5	64QAM	12	13	17.44	17.39	17.32	19.00
5	64QAM	25	0	17.45	17.38	17.27	19.00
5	256QAM	1	0	17.34	17.38	17.26	19.00
5	256QAM	1	12	17.40	17.46	17.31	19.00
5	256QAM	1	24	17.44	17.51	17.45	19.00
5	256QAM	12	0	17.38	17.38	17.38	19.00



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5	256QAM	12	7	17.27	17.41	17.29	19.00
5	256QAM	12	13	17.40	17.41	17.35	19.00
5	256QAM	25	0	17.29	17.43	17.40	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.66	17.73	17.66	19.00
3	QPSK	1	8	17.54	17.53	17.34	19.00
3	QPSK	1	14	17.49	17.49	17.41	19.00
3	QPSK	8	0	17.53	17.59	17.59	19.00
3	QPSK	8	4	17.44	17.56	17.49	19.00
3	QPSK	8	7	17.51	17.57	17.50	19.00
3	QPSK	15	0	17.49	17.52	17.55	19.00
3	16QAM	1	0	17.46	17.51	17.38	19.00
3	16QAM	1	8	17.28	17.45	17.38	19.00
3	16QAM	1	14	17.31	17.38	17.36	19.00
3	16QAM	8	0	17.26	17.45	17.31	19.00
3	16QAM	8	4	17.46	17.50	17.41	19.00
3	16QAM	8	7	17.48	17.53	17.45	19.00
3	16QAM	15	0	17.29	17.36	17.30	19.00
3	64QAM	1	0	17.48	17.51	17.29	19.00
3	64QAM	1	8	17.37	17.46	17.40	19.00
3	64QAM	1	14	17.35	17.39	17.42	19.00
3	64QAM	8	0	17.47	17.50	17.41	19.00
3	64QAM	8	4	17.36	17.46	17.34	19.00
3	64QAM	8	7	17.35	17.47	17.40	19.00
3	64QAM	15	0	17.44	17.37	17.31	19.00
3	256QAM	1	0	17.29	17.40	17.26	19.00
3	256QAM	1	8	17.41	17.46	17.37	19.00
3	256QAM	1	14	17.36	17.48	17.48	19.00
3	256QAM	8	0	17.41	17.39	17.34	19.00
3	256QAM	8	4	17.25	17.37	17.26	19.00
3	256QAM	8	7	17.35	17.50	17.33	19.00
3	256QAM	15	0	17.32	17.39	17.35	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.59	17.65	17.62	19.00
1.4	QPSK	1	3	17.55	17.56	17.40	19.00
1.4	QPSK	1	5	17.52	17.47	17.40	19.00
1.4	QPSK	3	0	17.62	17.62	17.54	19.00
1.4	QPSK	3	1	17.38	17.52	17.46	19.00
1.4	QPSK	3	3	17.59	17.62	17.48	19.00
1.4	QPSK	6	0	17.53	17.53	17.49	19.00
1.4	16QAM	1	0	17.44	17.43	17.39	19.00
1.4	16QAM	1	3	17.31	17.42	17.39	19.00
1.4	16QAM	1	5	17.37	17.50	17.38	19.00
1.4	16QAM	3	0	17.32	17.39	17.27	19.00
1.4	16QAM	3	1	17.38	17.55	17.38	19.00
1.4	16QAM	3	3	17.42	17.50	17.42	19.00
1.4	16QAM	6	0	17.26	17.39	17.26	19.00
1.4	64QAM	1	0	17.44	17.52	17.32	19.00
1.4	64QAM	1	3	17.33	17.53	17.44	19.00
1.4	64QAM	1	5	17.34	17.45	17.44	19.00
1.4	64QAM	3	0	17.46	17.46	17.41	19.00
1.4	64QAM	3	1	17.43	17.44	17.36	19.00
1.4	64QAM	3	3	17.40	17.39	17.43	19.00
1.4	64QAM	6	0	17.41	17.37	17.24	19.00
1.4	256QAM	1	0	17.37	17.38	17.24	19.00
1.4	256QAM	1	3	17.40	17.53	17.33	19.00
1.4	256QAM	1	5	17.41	17.51	17.44	19.00
1.4	256QAM	3	0	17.33	17.48	17.38	19.00
1.4	256QAM	3	1	17.34	17.43	17.31	19.00
1.4	256QAM	3	3	17.39	17.39	17.26	19.00
1.4	256QAM	6	0	17.29	17.43	17.37	19.00



【LTE Band 2_Ant 3_ECI3-1】

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	18.20
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.81	17.87	17.83	18.20
20	QPSK	1	49	17.48	17.63	17.51	18.20
20	QPSK	1	99	17.60	17.74	17.65	18.20
20	QPSK	50	0	17.81	17.85	17.83	18.20
20	QPSK	50	24	17.51	17.65	17.58	18.20
20	QPSK	50	50	17.52	17.65	17.49	18.20
20	QPSK	100	0	17.79	17.82	17.81	18.20
20	16QAM	1	0	17.49	17.64	17.46	18.20
20	16QAM	1	49	17.48	17.68	17.52	18.20
20	16QAM	1	99	17.44	17.62	17.54	18.20
20	16QAM	50	0	17.52	17.65	17.56	18.20
20	16QAM	50	24	17.50	17.58	17.49	18.20
20	16QAM	50	50	17.45	17.57	17.48	18.20
20	16QAM	100	0	17.53	17.70	17.54	18.20
20	64QAM	1	0	17.42	17.57	17.44	18.20
20	64QAM	1	49	17.61	17.71	17.65	18.20
20	64QAM	1	99	17.56	17.66	17.55	18.20
20	64QAM	50	0	17.51	17.59	17.43	18.20
20	64QAM	50	24	17.50	17.68	17.57	18.20
20	64QAM	50	50	17.60	17.67	17.54	18.20
20	64QAM	100	0	17.62	17.72	17.65	18.20
20	256QAM	1	0	17.53	17.63	17.48	18.20
20	256QAM	1	49	17.52	17.62	17.47	18.20
20	256QAM	1	99	17.61	17.73	17.55	18.20
20	256QAM	50	0	17.44	17.59	17.47	18.20
20	256QAM	50	24	17.48	17.59	17.54	18.20
20	256QAM	50	50	17.56	17.70	17.56	18.20
20	256QAM	100	0	17.63	17.73	17.63	18.20
Channel				18675	18900	19125	18.20
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.72	17.85	17.73	18.20
15	QPSK	1	37	17.45	17.49	17.40	18.20
15	QPSK	1	74	17.56	17.62	17.55	18.20
15	QPSK	36	0	17.79	17.82	17.79	18.20
15	QPSK	36	20	17.47	17.55	17.50	18.20
15	QPSK	36	39	17.39	17.63	17.40	18.20
15	QPSK	75	0	17.73	17.74	17.69	18.20
15	16QAM	1	0	17.36	17.62	17.42	18.20
15	16QAM	1	37	17.44	17.64	17.46	18.20
15	16QAM	1	74	17.42	17.53	17.53	18.20
15	16QAM	36	0	17.49	17.63	17.54	18.20
15	16QAM	36	20	17.37	17.52	17.45	18.20
15	16QAM	36	39	17.44	17.43	17.40	18.20
15	16QAM	75	0	17.42	17.58	17.53	18.20
15	64QAM	1	0	17.32	17.55	17.33	18.20
15	64QAM	1	37	17.55	17.57	17.50	18.20
15	64QAM	1	74	17.47	17.57	17.48	18.20
15	64QAM	36	0	17.49	17.45	17.39	18.20
15	64QAM	36	20	17.39	17.66	17.48	18.20
15	64QAM	36	39	17.59	17.64	17.47	18.20
15	64QAM	75	0	17.56	17.69	17.62	18.20
15	256QAM	1	0	17.52	17.54	17.41	18.20
15	256QAM	1	37	17.44	17.59	17.36	18.20
15	256QAM	1	74	17.55	17.72	17.53	18.20
15	256QAM	36	0	17.36	17.52	17.35	18.20
15	256QAM	36	20	17.40	17.52	17.46	18.20
15	256QAM	36	39	17.53	17.65	17.53	18.20
15	256QAM	75	0	17.55	17.67	17.60	18.20
Channel				18650	18900	19150	18.20
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.69	17.74	17.73	18.20
10	QPSK	1	25	17.34	17.53	17.48	18.20
10	QPSK	1	49	17.58	17.65	17.63	18.20
10	QPSK	25	0	17.75	17.73	17.79	18.20
10	QPSK	25	12	17.39	17.60	17.47	18.20
10	QPSK	25	25	17.50	17.54	17.45	18.20
10	QPSK	50	0	17.71	17.68	17.79	18.20
10	16QAM	1	0	17.44	17.55	17.42	18.20
10	16QAM	1	25	17.41	17.60	17.43	18.20
10	16QAM	1	49	17.30	17.55	17.45	18.20
10	16QAM	25	0	17.45	17.59	17.43	18.20



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10	16QAM	25	12	17.38	17.55	17.36	18.20
10	16QAM	25	25	17.35	17.46	17.38	18.20
10	16QAM	50	0	17.42	17.69	17.48	18.20
10	64QAM	1	0	17.31	17.49	17.32	18.20
10	64QAM	1	25	17.47	17.63	17.54	18.20
10	64QAM	1	49	17.41	17.63	17.40	18.20
10	64QAM	25	0	17.45	17.50	17.34	18.20
10	64QAM	25	12	17.45	17.61	17.45	18.20
10	64QAM	25	25	17.46	17.64	17.43	18.20
10	64QAM	50	0	17.60	17.67	17.56	18.20
10	256QAM	1	0	17.51	17.56	17.36	18.20
10	256QAM	1	25	17.44	17.58	17.46	18.20
10	256QAM	1	49	17.53	17.60	17.52	18.20
10	256QAM	25	0	17.39	17.48	17.44	18.20
10	256QAM	25	12	17.36	17.53	17.43	18.20
10	256QAM	25	25	17.48	17.65	17.55	18.20
10	256QAM	50	0	17.58	17.64	17.49	18.20
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.68	17.73	17.82	18.20
5	QPSK	1	12	17.37	17.49	17.44	18.20
5	QPSK	1	24	17.52	17.67	17.58	18.20
5	QPSK	12	0	17.79	17.78	17.76	18.20
5	QPSK	12	7	17.47	17.57	17.52	18.20
5	QPSK	12	13	17.47	17.63	17.42	18.20
5	QPSK	25	0	17.77	17.77	17.71	18.20
5	16QAM	1	0	17.35	17.53	17.32	18.20
5	16QAM	1	12	17.46	17.54	17.46	18.20
5	16QAM	1	24	17.42	17.58	17.40	18.20
5	16QAM	12	0	17.50	17.59	17.44	18.20
5	16QAM	12	7	17.44	17.53	17.38	18.20
5	16QAM	12	13	17.34	17.44	17.36	18.20
5	16QAM	25	0	17.45	17.55	17.48	18.20
5	64QAM	1	0	17.35	17.52	17.29	18.20
5	64QAM	1	12	17.59	17.60	17.59	18.20
5	64QAM	1	24	17.45	17.55	17.54	18.20
5	64QAM	12	0	17.37	17.56	17.38	18.20
5	64QAM	12	7	17.40	17.55	17.44	18.20
5	64QAM	12	13	17.54	17.53	17.42	18.20
5	64QAM	25	0	17.49	17.58	17.59	18.20
5	256QAM	1	0	17.44	17.53	17.44	18.20
5	256QAM	1	12	17.47	17.56	17.43	18.20
5	256QAM	1	24	17.50	17.60	17.49	18.20
5	256QAM	12	0	17.37	17.45	17.34	18.20
5	256QAM	12	7	17.43	17.57	17.47	18.20
5	256QAM	12	13	17.50	17.58	17.53	18.20
5	256QAM	25	0	17.60	17.72	17.55	18.20
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.76	17.81	17.79	18.20
3	QPSK	1	8	17.38	17.49	17.41	18.20
3	QPSK	1	14	17.50	17.67	17.63	18.20
3	QPSK	8	0	17.76	17.71	17.77	18.20
3	QPSK	8	4	17.40	17.58	17.57	18.20
3	QPSK	8	7	17.44	17.61	17.44	18.20
3	QPSK	15	0	17.71	17.81	17.80	18.20
3	16QAM	1	0	17.38	17.61	17.35	18.20
3	16QAM	1	8	17.44	17.66	17.41	18.20
3	16QAM	1	14	17.30	17.56	17.51	18.20
3	16QAM	8	0	17.42	17.61	17.50	18.20
3	16QAM	8	4	17.48	17.52	17.34	18.20
3	16QAM	8	7	17.40	17.56	17.37	18.20
3	16QAM	15	0	17.48	17.59	17.41	18.20
3	64QAM	1	0	17.27	17.47	17.36	18.20
3	64QAM	1	8	17.59	17.66	17.60	18.20
3	64QAM	1	14	17.49	17.55	17.46	18.20
3	64QAM	8	0	17.37	17.58	17.37	18.20
3	64QAM	8	4	17.44	17.65	17.55	18.20
3	64QAM	8	7	17.48	17.57	17.46	18.20
3	64QAM	15	0	17.60	17.70	17.61	18.20
3	256QAM	1	0	17.41	17.49	17.33	18.20
3	256QAM	1	8	17.48	17.50	17.42	18.20
3	256QAM	1	14	17.54	17.71	17.50	18.20
3	256QAM	8	0	17.29	17.44	17.33	18.20
3	256QAM	8	4	17.36	17.47	17.46	18.20
3	256QAM	8	7	17.46	17.61	17.50	18.20
3	256QAM	15	0	17.58	17.67	17.54	18.20
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.79	17.85	17.80	18.20
1.4	QPSK	1	3	17.34	17.49	17.38	18.20
1.4	QPSK	1	5	17.55	17.68	17.55	18.20
1.4	QPSK	3	0	17.69	17.79	17.80	18.20
1.4	QPSK	3	1	17.49	17.56	17.45	18.20
1.4	QPSK	3	3	17.51	17.58	17.42	18.20
1.4	QPSK	6	0	17.76	17.77	17.70	18.20
1.4	16QAM	1	0	17.35	17.62	17.36	18.20
1.4	16QAM	1	3	17.38	17.53	17.39	18.20
1.4	16QAM	1	5	17.41	17.55	17.50	18.20
1.4	16QAM	3	0	17.47	17.60	17.46	18.20
1.4	16QAM	3	1	17.46	17.52	17.35	18.20
1.4	16QAM	3	3	17.32	17.42	17.35	18.20
1.4	16QAM	6	0	17.50	17.64	17.45	18.20
1.4	64QAM	1	0	17.32	17.47	17.39	18.20
1.4	64QAM	1	3	17.53	17.69	17.55	18.20
1.4	64QAM	1	5	17.44	17.54	17.45	18.20
1.4	64QAM	3	0	17.44	17.55	17.35	18.20
1.4	64QAM	3	1	17.42	17.62	17.46	18.20
1.4	64QAM	3	3	17.54	17.66	17.40	18.20
1.4	64QAM	6	0	17.54	17.70	17.55	18.20
1.4	256QAM	1	0	17.48	17.58	17.36	18.20
1.4	256QAM	1	3	17.48	17.58	17.36	18.20
1.4	256QAM	1	5	17.50	17.67	17.47	18.20
1.4	256QAM	3	0	17.32	17.49	17.36	18.20
1.4	256QAM	3	1	17.39	17.45	17.48	18.20
1.4	256QAM	3	3	17.41	17.68	17.46	18.20
1.4	256QAM	6	0	17.52	17.63	17.62	18.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.42	17.49	17.45	19.00
20	QPSK	1	49	17.07	17.26	17.16	19.00
20	QPSK	1	99	17.25	17.34	17.20	19.00
20	QPSK	50	0	17.41	17.47	17.43	19.00
20	QPSK	50	24	17.08	17.22	17.03	19.00
20	QPSK	50	50	17.15	17.26	17.09	19.00
20	QPSK	100	0	17.40	17.43	17.42	19.00
20	16QAM	1	0	17.02	17.17	17.05	19.00
20	16QAM	1	49	17.08	17.18	17.04	19.00
20	16QAM	1	99	17.21	17.29	17.22	19.00
20	16QAM	50	0	17.09	17.30	17.14	19.00
20	16QAM	50	24	17.02	17.19	17.02	19.00
20	16QAM	50	50	17.12	17.22	17.15	19.00
20	16QAM	100	0	17.18	17.32	17.18	19.00
20	64QAM	1	0	17.21	17.32	17.22	19.00
20	64QAM	1	49	17.00	17.21	17.06	19.00
20	64QAM	1	99	17.19	17.31	17.17	19.00
20	64QAM	50	0	17.07	17.23	17.17	19.00
20	64QAM	50	24	17.15	17.28	17.09	19.00
20	64QAM	50	50	17.08	17.25	17.07	19.00
20	64QAM	100	0	17.11	17.26	17.15	19.00
20	256QAM	1	0	16.98	17.19	17.11	19.00
20	256QAM	1	49	17.12	17.25	17.15	19.00
20	256QAM	1	99	17.03	17.22	17.05	19.00
20	256QAM	50	0	17.24	17.33	17.18	19.00
20	256QAM	50	24	17.05	17.25	17.07	19.00
20	256QAM	50	50	17.13	17.21	17.06	19.00
20	256QAM	100	0	17.04	17.20	17.10	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.31	17.36	17.38	19.00
15	QPSK	1	37	16.95	17.12	17.15	19.00
15	QPSK	1	74	17.19	17.28	17.14	19.00
15	QPSK	36	0	17.37	17.43	17.29	19.00
15	QPSK	36	20	16.97	17.20	16.90	19.00
15	QPSK	36	39	17.13	17.15	17.05	19.00
15	QPSK	75	0	17.29	17.34	17.30	19.00



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15	16QAM	1	0	16.88	17.12	17.02	19.00
15	16QAM	1	37	17.04	17.06	16.90	19.00
15	16QAM	1	74	17.09	17.21	17.15	19.00
15	16QAM	36	0	16.98	17.19	17.12	19.00
15	16QAM	36	20	16.91	17.13	16.95	19.00
15	16QAM	36	39	17.08	17.16	17.02	19.00
15	16QAM	75	0	17.03	17.31	17.07	19.00
15	64QAM	1	0	17.17	17.28	17.20	19.00
15	64QAM	1	37	16.96	17.12	17.02	19.00
15	64QAM	1	74	17.04	17.17	17.16	19.00
15	64QAM	36	0	16.96	17.11	17.13	19.00
15	64QAM	36	20	17.02	17.24	17.02	19.00
15	64QAM	36	39	16.94	17.13	16.98	19.00
15	64QAM	75	0	16.99	17.16	17.13	19.00
15	256QAM	1	0	16.91	17.12	16.99	19.00
15	256QAM	1	37	17.08	17.11	17.00	19.00
15	256QAM	1	74	16.98	17.09	16.93	19.00
15	256QAM	36	0	17.19	17.27	17.11	19.00
15	256QAM	36	20	17.04	17.16	17.01	19.00
15	256QAM	36	39	17.06	17.13	16.95	19.00
15	256QAM	75	0	16.94	17.12	17.01	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.30	17.38	17.38	19.00
10	QPSK	1	25	16.98	17.20	17.09	19.00
10	QPSK	1	49	17.24	17.21	17.14	19.00
10	QPSK	25	0	17.35	17.45	17.32	19.00
10	QPSK	25	12	17.03	17.08	16.89	19.00
10	QPSK	25	25	17.03	17.12	17.05	19.00
10	QPSK	50	0	17.28	17.41	17.40	19.00
10	16QAM	1	0	16.95	17.10	17.02	19.00
10	16QAM	1	25	16.97	17.17	17.02	19.00
10	16QAM	1	49	17.17	17.25	17.11	19.00
10	16QAM	25	0	17.06	17.18	17.12	19.00
10	16QAM	25	12	16.99	17.09	16.88	19.00
10	16QAM	25	25	17.01	17.14	17.05	19.00
10	16QAM	50	0	17.05	17.19	17.16	19.00
10	64QAM	1	0	17.09	17.19	17.10	19.00
10	64QAM	1	25	16.90	17.15	16.96	19.00
10	64QAM	1	49	17.18	17.28	17.08	19.00
10	64QAM	25	0	17.02	17.20	17.07	19.00
10	64QAM	25	12	17.05	17.23	17.07	19.00
10	64QAM	25	25	16.98	17.14	17.01	19.00
10	64QAM	50	0	17.04	17.22	17.13	19.00
10	256QAM	1	0	16.97	17.14	17.04	19.00
10	256QAM	1	25	17.05	17.18	17.07	19.00
10	256QAM	1	49	16.90	17.07	17.01	19.00
10	256QAM	25	0	17.13	17.32	17.16	19.00
10	256QAM	25	12	17.02	17.22	16.96	19.00
10	256QAM	25	25	17.06	17.17	16.98	19.00
10	256QAM	50	0	16.92	17.08	17.05	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.40	17.46	17.38	19.00
5	QPSK	1	12	16.99	17.23	17.02	19.00
5	QPSK	1	24	17.20	17.21	17.06	19.00
5	QPSK	12	0	17.35	17.41	17.30	19.00
5	QPSK	12	7	17.03	17.19	16.95	19.00
5	QPSK	12	13	17.11	17.15	17.06	19.00
5	QPSK	25	0	17.38	17.42	17.31	19.00
5	16QAM	1	0	16.88	17.16	16.98	19.00
5	16QAM	1	12	16.95	17.16	16.94	19.00
5	16QAM	1	24	17.09	17.15	17.12	19.00
5	16QAM	12	0	16.95	17.22	17.12	19.00
5	16QAM	12	7	16.91	17.17	16.94	19.00
5	16QAM	12	13	17.06	17.10	17.07	19.00
5	16QAM	25	0	17.09	17.30	17.05	19.00
5	64QAM	1	0	17.10	17.17	17.19	19.00
5	64QAM	1	12	16.98	17.17	17.04	19.00
5	64QAM	1	24	17.15	17.21	17.16	19.00
5	64QAM	12	0	17.01	17.08	17.15	19.00
5	64QAM	12	7	17.07	17.14	16.97	19.00
5	64QAM	12	13	17.06	17.13	16.99	19.00
5	64QAM	25	0	17.09	17.13	17.04	19.00
5	256QAM	1	0	16.88	17.07	17.06	19.00
5	256QAM	1	12	17.06	17.15	17.00	19.00
5	256QAM	1	24	16.89	17.18	16.94	19.00
5	256QAM	12	0	17.19	17.32	17.09	19.00



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5	256QAM	12	7	16.95	17.12	17.01	19.00
5	256QAM	12	13	17.08	17.12	16.98	19.00
5	256QAM	25	0	16.94	17.09	17.08	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.32	17.45	17.31	19.00
3	QPSK	1	8	16.98	17.22	17.14	19.00
3	QPSK	1	14	17.20	17.20	17.08	19.00
3	QPSK	8	0	17.33	17.35	17.29	19.00
3	QPSK	8	4	17.06	17.19	16.94	19.00
3	QPSK	8	7	17.07	17.19	17.02	19.00
3	QPSK	15	0	17.35	17.35	17.31	19.00
3	16QAM	1	0	16.89	17.09	16.95	19.00
3	16QAM	1	8	16.97	17.11	16.97	19.00
3	16QAM	1	14	17.14	17.23	17.14	19.00
3	16QAM	8	0	17.00	17.25	17.09	19.00
3	16QAM	8	4	16.92	17.18	16.94	19.00
3	16QAM	8	7	17.07	17.13	17.13	19.00
3	16QAM	15	0	17.16	17.31	17.12	19.00
3	64QAM	1	0	17.12	17.30	17.09	19.00
3	64QAM	1	8	16.95	17.10	16.94	19.00
3	64QAM	1	14	17.09	17.28	17.03	19.00
3	64QAM	8	0	17.00	17.09	17.15	19.00
3	64QAM	8	4	17.06	17.17	17.07	19.00
3	64QAM	8	7	16.93	17.12	17.02	19.00
3	64QAM	15	0	16.96	17.11	17.03	19.00
3	256QAM	1	0	16.86	17.16	17.03	19.00
3	256QAM	1	8	17.02	17.23	17.09	19.00
3	256QAM	1	14	17.01	17.13	17.03	19.00
3	256QAM	8	0	17.18	17.24	17.06	19.00
3	256QAM	8	4	16.94	17.17	16.97	19.00
3	256QAM	8	7	17.07	17.07	16.92	19.00
3	256QAM	15	0	17.01	17.07	17.03	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.40	17.41	17.40	19.00
1.4	QPSK	1	3	17.05	17.14	17.10	19.00
1.4	QPSK	1	5	17.12	17.28	17.14	19.00
1.4	QPSK	3	0	17.29	17.34	17.37	19.00
1.4	QPSK	3	1	16.98	17.21	17.00	19.00
1.4	QPSK	3	3	17.12	17.15	17.07	19.00
1.4	QPSK	6	0	17.33	17.38	17.37	19.00
1.4	16QAM	1	0	16.99	17.06	17.00	19.00
1.4	16QAM	1	3	17.06	17.12	17.00	19.00
1.4	16QAM	1	5	17.13	17.28	17.17	19.00
1.4	16QAM	3	0	16.97	17.23	17.11	19.00
1.4	16QAM	3	1	16.95	17.11	16.88	19.00
1.4	16QAM	3	3	17.00	17.13	17.13	19.00
1.4	16QAM	6	0	17.03	17.30	17.15	19.00
1.4	64QAM	1	0	17.18	17.27	17.12	19.00
1.4	64QAM	1	3	16.96	17.19	16.94	19.00
1.4	64QAM	1	5	17.17	17.19	17.07	19.00
1.4	64QAM	3	0	17.01	17.11	17.12	19.00
1.4	64QAM	3	1	17.14	17.18	17.02	19.00
1.4	64QAM	3	3	17.03	17.20	16.98	19.00
1.4	64QAM	6	0	17.01	17.23	17.01	19.00
1.4	256QAM	1	0	16.94	17.18	17.09	19.00
1.4	256QAM	1	3	17.04	17.10	17.00	19.00
1.4	256QAM	1	5	17.02	17.17	16.92	19.00
1.4	256QAM	3	0	17.11	17.31	17.17	19.00
1.4	256QAM	3	1	16.93	17.11	17.02	19.00
1.4	256QAM	3	3	17.09	17.07	16.99	19.00
1.4	256QAM	6	0	16.96	17.06	17.05	19.00



【LTE Band 2_Ant 3_ECI4】

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	24.26	24.28	24.11	25.50
20	QPSK	1	49	23.88	24.04	23.74	25.50
20	QPSK	1	99	24.07	24.16	23.91	25.50
20	QPSK	50	0	23.16	23.25	23.04	24.50
20	QPSK	50	24	23.00	23.16	22.96	24.50
20	QPSK	50	50	23.09	23.20	22.94	24.50
20	QPSK	100	0	23.06	23.18	23.00	24.50
20	16QAM	1	0	23.24	23.37	23.16	24.50
20	16QAM	1	49	23.15	23.25	23.00	24.50
20	16QAM	1	99	23.24	23.30	23.01	24.50
20	16QAM	50	0	22.04	22.20	21.91	23.50
20	16QAM	50	24	22.08	22.19	22.01	23.50
20	16QAM	50	50	22.17	22.21	22.04	23.50
20	16QAM	100	0	22.14	22.19	21.94	23.50
20	64QAM	1	0	22.34	22.38	22.14	23.50
20	64QAM	1	49	22.16	22.28	22.10	23.50
20	64QAM	1	99	22.22	22.38	22.08	23.50
20	64QAM	50	0	21.03	21.19	20.97	22.50
20	64QAM	50	24	21.13	21.18	20.90	22.50
20	64QAM	50	50	21.17	21.22	20.94	22.50
20	64QAM	100	0	21.07	21.20	20.99	22.50
20	256QAM	1	0	19.36	19.39	19.24	20.50
20	256QAM	1	49	19.13	19.25	19.01	20.50
20	256QAM	1	99	19.25	19.38	19.16	20.50
20	256QAM	50	0	19.14	19.19	18.92	20.50
20	256QAM	50	24	19.06	19.17	18.89	20.50
20	256QAM	50	50	19.09	19.20	18.92	20.50
20	256QAM	100	0	19.16	19.19	19.03	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.12	24.23	23.97	25.50
15	QPSK	1	37	23.73	23.96	23.65	25.50
15	QPSK	1	74	24.02	24.11	23.83	25.50
15	QPSK	36	0	23.11	23.14	22.95	24.50
15	QPSK	36	20	22.85	23.07	22.83	24.50
15	QPSK	36	39	22.96	23.16	22.85	24.50
15	QPSK	75	0	23.02	23.06	22.91	24.50
15	16QAM	1	0	23.17	23.28	23.09	24.50
15	16QAM	1	37	23.01	23.18	22.86	24.50
15	16QAM	1	74	23.20	23.17	22.99	24.50
15	16QAM	36	0	21.99	22.07	21.86	23.50
15	16QAM	36	20	22.05	22.05	21.94	23.50
15	16QAM	36	39	22.12	22.14	22.03	23.50
15	16QAM	75	0	22.05	22.12	21.80	23.50
15	64QAM	1	0	22.26	22.32	22.06	23.50
15	64QAM	1	37	22.07	22.24	21.98	23.50
15	64QAM	1	74	22.13	22.30	21.94	23.50
15	64QAM	36	0	21.02	21.09	20.86	22.50
15	64QAM	36	20	21.08	21.05	20.86	22.50
15	64QAM	36	39	21.10	21.16	20.82	22.50
15	64QAM	75	0	21.05	21.13	20.97	22.50
15	256QAM	1	0	19.24	19.25	19.20	20.50
15	256QAM	1	37	19.00	19.23	18.92	20.50
15	256QAM	1	74	19.18	19.31	19.12	20.50
15	256QAM	36	0	19.11	19.17	18.78	20.50
15	256QAM	36	20	18.93	19.11	18.88	20.50
15	256QAM	36	39	19.00	19.13	18.84	20.50
15	256QAM	75	0	19.15	19.05	18.91	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.21	24.23	24.00	25.50
10	QPSK	1	25	23.83	24.01	23.60	25.50
10	QPSK	1	49	24.02	24.10	23.88	25.50
10	QPSK	25	0	23.07	23.12	22.99	24.50
10	QPSK	25	12	22.96	23.05	22.86	24.50
10	QPSK	25	25	22.97	23.08	22.84	24.50
10	QPSK	50	0	22.98	23.13	22.98	24.50
10	16QAM	1	0	23.11	23.23	23.11	24.50
10	16QAM	1	25	23.11	23.13	22.93	24.50
10	16QAM	1	49	23.14	23.18	22.92	24.50
10	16QAM	25	0	22.01	22.16	21.87	23.50



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10	16QAM	25	12	21.96	22.08	21.90	23.50
10	16QAM	25	25	22.03	22.15	21.92	23.50
10	16QAM	50	0	22.08	22.18	21.81	23.50
10	64QAM	1	0	22.21	22.25	22.06	23.50
10	64QAM	1	25	22.05	22.24	21.96	23.50
10	64QAM	1	49	22.16	22.33	22.01	23.50
10	64QAM	25	0	20.93	21.14	20.94	22.50
10	64QAM	25	12	21.11	21.08	20.88	22.50
10	64QAM	25	25	21.05	21.12	20.93	22.50
10	64QAM	50	0	20.94	21.06	20.98	22.50
10	256QAM	1	0	19.32	19.36	19.19	20.50
10	256QAM	1	25	19.01	19.15	19.00	20.50
10	256QAM	1	49	19.23	19.35	19.02	20.50
10	256QAM	25	0	19.07	19.13	18.89	20.50
10	256QAM	25	12	18.94	19.10	18.78	20.50
10	256QAM	25	25	19.07	19.12	18.81	20.50
10	256QAM	50	0	19.08	19.06	18.94	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.18	24.19	24.03	25.50
5	QPSK	1	12	23.86	23.93	23.73	25.50
5	QPSK	1	24	24.05	24.03	23.83	25.50
5	QPSK	12	0	23.03	23.13	22.91	24.50
5	QPSK	12	7	22.92	23.06	22.82	24.50
5	QPSK	12	13	23.04	23.10	22.86	24.50
5	QPSK	25	0	23.04	23.15	22.98	24.50
5	16QAM	1	0	23.17	23.36	23.13	24.50
5	16QAM	1	12	23.13	23.17	22.96	24.50
5	16QAM	1	24	23.19	23.18	22.97	24.50
5	16QAM	12	0	21.98	22.09	21.80	23.50
5	16QAM	12	7	22.02	22.07	21.98	23.50
5	16QAM	12	13	22.10	22.19	21.93	23.50
5	16QAM	25	0	22.05	22.08	21.89	23.50
5	64QAM	1	0	22.32	22.34	22.08	23.50
5	64QAM	1	12	22.02	22.26	21.97	23.50
5	64QAM	1	24	22.12	22.32	21.96	23.50
5	64QAM	12	0	20.89	21.10	20.96	22.50
5	64QAM	12	7	21.08	21.03	20.79	22.50
5	64QAM	12	13	21.13	21.18	20.88	22.50
5	64QAM	25	0	20.98	21.07	20.97	22.50
5	256QAM	1	0	19.32	19.30	19.22	20.50
5	256QAM	1	12	19.06	19.22	18.99	20.50
5	256QAM	1	24	19.24	19.25	19.10	20.50
5	256QAM	12	0	19.03	19.10	18.89	20.50
5	256QAM	12	7	18.92	19.16	18.79	20.50
5	256QAM	12	13	19.06	19.18	18.87	20.50
5	256QAM	25	0	19.10	19.13	18.89	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.17	24.18	23.97	25.50
3	QPSK	1	8	23.76	23.98	23.66	25.50
3	QPSK	1	14	24.01	24.02	23.78	25.50
3	QPSK	8	0	23.09	23.24	22.92	24.50
3	QPSK	8	4	22.86	23.14	22.83	24.50
3	QPSK	8	7	23.03	23.10	22.82	24.50
3	QPSK	15	0	23.04	23.12	22.92	24.50
3	16QAM	1	0	23.19	23.36	23.10	24.50
3	16QAM	1	8	23.02	23.21	22.88	24.50
3	16QAM	1	14	23.18	23.18	23.00	24.50
3	16QAM	8	0	21.95	22.12	21.78	23.50
3	16QAM	8	4	22.06	22.14	21.89	23.50
3	16QAM	8	7	22.10	22.19	22.03	23.50
3	16QAM	15	0	22.10	22.06	21.86	23.50
3	64QAM	1	0	22.27	22.35	22.04	23.50
3	64QAM	1	8	22.05	22.17	22.02	23.50
3	64QAM	1	14	22.13	22.30	21.96	23.50
3	64QAM	8	0	20.99	21.08	20.89	22.50
3	64QAM	8	4	21.12	21.14	20.83	22.50
3	64QAM	8	7	21.10	21.07	20.90	22.50
3	64QAM	15	0	20.99	21.06	20.90	22.50
3	256QAM	1	0	19.25	19.30	19.13	20.50
3	256QAM	1	8	19.11	19.15	18.96	20.50
3	256QAM	1	14	19.12	19.25	19.09	20.50
3	256QAM	8	0	19.10	19.08	18.91	20.50
3	256QAM	8	4	18.96	19.09	18.83	20.50
3	256QAM	8	7	19.07	19.09	18.88	20.50
3	256QAM	15	0	19.10	19.12	19.00	20.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.13	24.26	24.07	25.50
1.4	QPSK	1	3	23.83	24.00	23.62	25.50
1.4	QPSK	1	5	23.95	24.11	23.81	25.50
1.4	QPSK	3	0	24.14	24.21	23.97	25.50
1.4	QPSK	3	1	23.92	24.13	23.84	25.50
1.4	QPSK	3	3	23.99	24.05	23.82	25.50
1.4	QPSK	6	0	22.92	23.03	22.97	24.50
1.4	16QAM	1	0	23.20	23.26	23.02	24.50
1.4	16QAM	1	3	23.02	23.11	22.93	24.50
1.4	16QAM	1	5	23.14	23.26	22.97	24.50
1.4	16QAM	3	0	22.99	23.12	22.80	24.50
1.4	16QAM	3	1	23.05	23.08	22.97	24.50
1.4	16QAM	3	3	23.07	23.11	22.96	24.50
1.4	16QAM	6	0	22.12	22.14	21.80	23.50
1.4	64QAM	1	0	22.24	22.26	22.08	23.50
1.4	64QAM	1	3	22.08	22.21	21.99	23.50
1.4	64QAM	1	5	22.19	22.31	22.03	23.50
1.4	64QAM	3	0	21.95	22.09	21.94	23.50
1.4	64QAM	3	1	22.03	22.13	21.83	23.50
1.4	64QAM	3	3	22.14	22.16	21.79	23.50
1.4	64QAM	6	0	20.95	21.06	20.89	22.50
1.4	256QAM	1	0	19.31	19.38	19.20	20.50
1.4	256QAM	1	3	19.12	19.22	18.92	20.50
1.4	256QAM	1	5	19.23	19.33	19.10	20.50
1.4	256QAM	3	0	19.12	19.10	18.84	20.50
1.4	256QAM	3	1	19.02	19.14	18.79	20.50
1.4	256QAM	3	3	19.07	19.08	18.86	20.50
1.4	256QAM	6	0	19.02	19.05	18.88	20.50

【LTE Band 2_Ant 3_ECI4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.26	24.32	24.27	24.70
20	QPSK	1	49	24.20	24.30	24.22	24.70
20	QPSK	1	99	24.19	24.27	24.18	24.70
20	QPSK	50	0	23.29	23.35	23.21	23.70
20	QPSK	50	24	23.26	23.33	23.18	23.70
20	QPSK	50	50	23.17	23.26	23.14	23.70
20	QPSK	100	0	23.15	23.29	23.14	23.70
20	16QAM	1	0	23.20	23.34	23.16	23.70
20	16QAM	1	49	23.15	23.31	23.22	23.70
20	16QAM	1	99	23.12	23.25	23.12	23.70
20	16QAM	50	0	22.05	22.25	22.14	22.70
20	16QAM	50	24	22.15	22.29	22.17	22.70
20	16QAM	50	50	22.17	22.25	22.06	22.70
20	16QAM	100	0	22.25	22.36	22.16	22.70
20	64QAM	1	0	22.11	22.26	22.20	22.70
20	64QAM	1	49	22.10	22.25	22.11	22.70
20	64QAM	1	99	22.12	22.29	22.14	22.70
20	64QAM	50	0	21.19	21.33	21.25	21.70
20	64QAM	50	24	21.16	21.24	21.14	21.70
20	64QAM	50	50	21.15	21.32	21.18	21.70
20	64QAM	100	0	21.28	21.38	21.20	21.70
20	256QAM	1	0	19.13	19.25	19.16	19.70
20	256QAM	1	49	18.95	19.11	19.06	19.70
20	256QAM	1	99	19.04	19.20	19.13	19.70
20	256QAM	50	0	19.19	19.34	19.27	19.70
20	256QAM	50	24	19.16	19.33	19.20	19.70
20	256QAM	50	50	19.10	19.19	19.08	19.70
20	256QAM	100	0	19.19	19.35	19.29	19.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.18	24.29	24.13	24.70
15	QPSK	1	37	24.08	24.28	24.16	24.70
15	QPSK	1	74	24.05	24.20	24.16	24.70
15	QPSK	36	0	23.19	23.30	23.10	23.70
15	QPSK	36	20	23.20	23.26	23.04	23.70
15	QPSK	36	39	23.14	23.22	23.07	23.70
15	QPSK	75	0	23.10	23.23	23.02	23.70



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15	16QAM	1	0	23.17	23.30	23.03	23.70
15	16QAM	1	37	23.00	23.30	23.08	23.70
15	16QAM	1	74	23.10	23.23	23.07	23.70
15	16QAM	36	0	21.97	22.16	22.07	22.70
15	16QAM	36	20	22.02	22.18	22.12	22.70
15	16QAM	36	39	22.14	22.12	21.93	22.70
15	16QAM	75	0	22.20	22.30	22.05	22.70
15	64QAM	1	0	21.97	22.23	22.11	22.70
15	64QAM	1	37	22.05	22.18	21.97	22.70
15	64QAM	1	74	22.09	22.20	22.03	22.70
15	64QAM	36	0	21.04	21.28	21.13	21.70
15	64QAM	36	20	21.06	21.19	21.12	21.70
15	64QAM	36	39	21.06	21.20	21.06	21.70
15	64QAM	75	0	21.17	21.36	21.09	21.70
15	256QAM	1	0	19.01	19.12	19.09	19.70
15	256QAM	1	37	18.82	18.98	19.05	19.70
15	256QAM	1	74	18.91	19.16	19.06	19.70
15	256QAM	36	0	19.13	19.23	19.14	19.70
15	256QAM	36	20	19.13	19.21	19.11	19.70
15	256QAM	36	39	18.96	19.12	19.05	19.70
15	256QAM	75	0	19.10	19.31	19.27	19.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.13	24.17	24.19	24.70
10	QPSK	1	25	24.10	24.16	24.13	24.70
10	QPSK	1	49	24.16	24.19	24.10	24.70
10	QPSK	25	0	23.12	23.23	23.10	23.70
10	QPSK	25	12	23.16	23.25	23.09	23.70
10	QPSK	25	25	23.08	23.13	23.11	23.70
10	QPSK	50	0	23.13	23.17	23.13	23.70
10	16QAM	1	0	23.09	23.27	23.03	23.70
10	16QAM	1	25	23.12	23.24	23.18	23.70
10	16QAM	1	49	23.00	23.18	23.09	23.70
10	16QAM	25	0	21.92	22.24	22.03	22.70
10	16QAM	25	12	22.14	22.23	22.08	22.70
10	16QAM	25	25	22.04	22.10	22.05	22.70
10	16QAM	50	0	22.13	22.22	22.09	22.70
10	64QAM	1	0	22.02	22.20	22.09	22.70
10	64QAM	1	25	22.08	22.13	22.02	22.70
10	64QAM	1	49	22.03	22.14	22.12	22.70
10	64QAM	25	0	21.06	21.20	21.11	21.70
10	64QAM	25	12	21.02	21.18	21.09	21.70
10	64QAM	25	25	21.08	21.30	21.12	21.70
10	64QAM	50	0	21.19	21.32	21.18	21.70
10	256QAM	1	0	19.09	19.13	19.04	19.70
10	256QAM	1	25	18.85	19.02	18.98	19.70
10	256QAM	1	49	18.94	19.05	19.08	19.70
10	256QAM	25	0	19.15	19.26	19.20	19.70
10	256QAM	25	12	19.07	19.23	19.13	19.70
10	256QAM	25	25	19.09	19.15	18.98	19.70
10	256QAM	50	0	19.15	19.31	19.18	19.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.12	24.29	24.14	24.70
5	QPSK	1	12	24.06	24.21	24.14	24.70
5	QPSK	1	24	24.08	24.22	24.14	24.70
5	QPSK	12	0	23.14	23.22	23.18	23.70
5	QPSK	12	7	23.18	23.27	23.04	23.70
5	QPSK	12	13	23.10	23.19	23.01	23.70
5	QPSK	25	0	23.00	23.20	23.02	23.70
5	16QAM	1	0	23.07	23.32	23.03	23.70
5	16QAM	1	12	23.04	23.19	23.19	23.70
5	16QAM	1	24	23.07	23.20	23.02	23.70
5	16QAM	12	0	21.90	22.12	22.07	22.70
5	16QAM	12	7	22.07	22.27	22.15	22.70
5	16QAM	12	13	22.10	22.20	21.99	22.70
5	16QAM	25	0	22.19	22.26	22.11	22.70
5	64QAM	1	0	21.96	22.21	22.08	22.70
5	64QAM	1	12	21.98	22.14	22.01	22.70
5	64QAM	1	24	22.00	22.19	22.11	22.70
5	64QAM	12	0	21.06	21.22	21.18	21.70
5	64QAM	12	7	21.11	21.16	21.05	21.70
5	64QAM	12	13	21.09	21.23	21.11	21.70
5	64QAM	25	0	21.24	21.31	21.15	21.70
5	256QAM	1	0	18.98	19.15	19.08	19.70
5	256QAM	1	12	18.81	18.99	18.98	19.70
5	256QAM	1	24	19.01	19.12	19.02	19.70
5	256QAM	12	0	19.18	19.21	19.13	19.70



5	256QAM	12	7	19.14	19.19	19.19	19.70
5	256QAM	12	13	18.98	19.09	19.01	19.70
5	256QAM	25	0	19.18	19.25	19.21	19.70
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.16	24.25	24.16	24.70
3	QPSK	1	8	24.05	24.26	24.08	24.70
3	QPSK	1	14	24.05	24.23	24.09	24.70
3	QPSK	8	0	23.15	23.28	23.06	23.70
3	QPSK	8	4	23.11	23.21	23.12	23.70
3	QPSK	8	7	23.07	23.20	23.13	23.70
3	QPSK	15	0	23.12	23.16	23.07	23.70
3	16QAM	1	0	23.06	23.25	23.14	23.70
3	16QAM	1	8	23.07	23.30	23.17	23.70
3	16QAM	1	14	23.01	23.22	22.97	23.70
3	16QAM	8	0	21.94	22.20	22.13	22.70
3	16QAM	8	4	22.13	22.23	22.13	22.70
3	16QAM	8	7	22.07	22.13	21.93	22.70
3	16QAM	15	0	22.18	22.22	22.03	22.70
3	64QAM	1	0	22.07	22.16	22.17	22.70
3	64QAM	1	8	21.96	22.17	21.99	22.70
3	64QAM	1	14	22.00	22.15	22.07	22.70
3	64QAM	8	0	21.17	21.31	21.17	21.70
3	64QAM	8	4	21.15	21.20	21.00	21.70
3	64QAM	8	7	21.01	21.30	21.10	21.70
3	64QAM	15	0	21.19	21.34	21.14	21.70
3	256QAM	1	0	19.00	19.14	19.10	19.70
3	256QAM	1	8	18.89	19.00	18.98	19.70
3	256QAM	1	14	18.96	19.10	19.11	19.70
3	256QAM	8	0	19.05	19.23	19.23	19.70
3	256QAM	8	4	19.05	19.24	19.11	19.70
3	256QAM	8	7	18.95	19.04	18.99	19.70
3	256QAM	15	0	19.12	19.34	19.21	19.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.14	24.25	24.12	24.70
1.4	QPSK	1	3	24.16	24.23	24.15	24.70
1.4	QPSK	1	5	24.12	24.15	24.10	24.70
1.4	QPSK	3	0	24.23	24.29	24.10	24.70
1.4	QPSK	3	1	24.13	24.23	24.10	24.70
1.4	QPSK	3	3	24.15	24.15	24.10	24.70
1.4	QPSK	6	0	23.03	23.17	23.07	23.70
1.4	16QAM	1	0	23.12	23.31	23.06	23.70
1.4	16QAM	1	3	23.12	23.30	23.13	23.70
1.4	16QAM	1	5	22.98	23.17	23.06	23.70
1.4	16QAM	3	0	22.92	23.19	23.00	23.70
1.4	16QAM	3	1	23.05	23.18	23.12	23.70
1.4	16QAM	3	3	23.07	23.14	22.99	23.70
1.4	16QAM	6	0	22.16	22.28	22.07	22.70
1.4	64QAM	1	0	21.98	22.12	22.18	22.70
1.4	64QAM	1	3	22.06	22.11	22.09	22.70
1.4	64QAM	1	5	22.01	22.19	22.01	22.70
1.4	64QAM	3	0	22.16	22.28	22.11	22.70
1.4	64QAM	3	1	22.13	22.15	22.01	22.70
1.4	64QAM	3	3	22.07	22.24	22.12	22.70
1.4	64QAM	6	0	21.15	21.35	21.14	21.70
1.4	256QAM	1	0	19.12	19.22	19.09	19.70
1.4	256QAM	1	3	18.85	18.97	18.93	19.70
1.4	256QAM	1	5	18.90	19.06	19.03	19.70
1.4	256QAM	3	0	19.18	19.32	19.20	19.70
1.4	256QAM	3	1	19.01	19.30	19.18	19.70
1.4	256QAM	3	3	18.98	19.04	18.95	19.70
1.4	256QAM	6	0	19.16	19.29	19.15	19.70

【LTE Band 2_Ant 3_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.93	23.97	23.91	25.50
20	QPSK	1	49	23.71	23.82	23.68	25.50
20	QPSK	1	99	23.79	23.88	23.81	25.50
20	QPSK	50	0	22.79	22.85	22.77	24.50
20	QPSK	50	24	22.74	22.81	22.70	24.50
20	QPSK	50	50	22.76	22.82	22.75	24.50
20	QPSK	100	0	22.68	22.79	22.67	24.50
20	16QAM	1	0	22.85	22.92	22.80	24.50
20	16QAM	1	49	22.81	22.80	22.73	24.50
20	16QAM	1	99	22.89	22.88	22.77	24.50
20	16QAM	50	0	21.77	21.79	21.77	23.50
20	16QAM	50	24	21.72	21.80	21.70	23.50
20	16QAM	50	50	21.80	21.83	21.72	23.50
20	16QAM	100	0	21.69	21.79	21.78	23.50
20	64QAM	1	0	21.81	21.84	21.73	23.50
20	64QAM	1	49	21.67	21.71	21.68	23.50
20	64QAM	1	99	21.74	21.74	21.61	23.50
20	64QAM	50	0	20.74	20.81	20.71	22.50
20	64QAM	50	24	20.72	20.82	20.77	22.50
20	64QAM	50	50	20.82	20.83	20.72	22.50
20	64QAM	100	0	20.73	20.82	20.79	22.50
20	256QAM	1	0	18.74	18.73	18.62	20.50
20	256QAM	1	49	18.67	18.67	18.57	20.50
20	256QAM	1	99	18.68	18.74	18.71	20.50
20	256QAM	50	0	18.73	18.77	18.73	20.50
20	256QAM	50	24	18.78	18.78	18.69	20.50
20	256QAM	50	50	18.72	18.80	18.77	20.50
20	256QAM	100	0	18.80	18.79	18.72	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.90	23.76	23.89	25.50
15	QPSK	1	37	23.56	23.76	23.54	25.50
15	QPSK	1	74	23.69	23.87	23.78	25.50
15	QPSK	36	0	22.72	22.72	22.57	24.50
15	QPSK	36	20	22.68	22.80	22.66	24.50
15	QPSK	36	39	22.63	22.75	22.72	24.50
15	QPSK	75	0	22.61	22.68	22.65	24.50
15	16QAM	1	0	22.76	22.78	22.78	24.50
15	16QAM	1	37	22.66	22.75	22.64	24.50
15	16QAM	1	74	22.85	22.73	22.74	24.50
15	16QAM	36	0	21.68	21.67	21.74	23.50
15	16QAM	36	20	21.69	21.67	21.66	23.50
15	16QAM	36	39	21.67	21.79	21.61	23.50
15	16QAM	75	0	21.67	21.68	21.74	23.50
15	64QAM	1	0	21.66	21.74	21.63	23.50
15	64QAM	1	37	21.53	21.63	21.55	23.50
15	64QAM	1	74	21.68	21.69	21.47	23.50
15	64QAM	36	0	20.63	20.69	20.64	22.50
15	64QAM	36	20	20.64	20.78	20.71	22.50
15	64QAM	36	39	20.69	20.76	20.65	22.50
15	64QAM	75	0	20.64	20.74	20.76	22.50
15	256QAM	1	0	18.63	18.67	18.56	20.50
15	256QAM	1	37	18.66	18.54	18.55	20.50
15	256QAM	1	74	18.66	18.71	18.59	20.50
15	256QAM	36	0	18.68	18.65	18.61	20.50
15	256QAM	36	20	18.64	18.73	18.58	20.50
15	256QAM	36	39	18.61	18.69	18.68	20.50
15	256QAM	75	0	18.78	18.64	18.58	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.90	23.81	23.78	25.50
10	QPSK	1	25	23.69	23.79	23.58	25.50
10	QPSK	1	49	23.76	23.79	23.66	25.50
10	QPSK	25	0	22.70	22.69	22.61	24.50
10	QPSK	25	12	22.59	22.70	22.62	24.50
10	QPSK	25	25	22.70	22.67	22.71	24.50
10	QPSK	50	0	22.66	22.65	22.65	24.50
10	16QAM	1	0	22.81	22.85	22.72	24.50
10	16QAM	1	25	22.74	22.71	22.72	24.50
10	16QAM	1	49	22.84	22.81	22.64	24.50
10	16QAM	25	0	21.71	21.77	21.62	23.50



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10	16QAM	25	12	21.61	21.71	21.65	23.50
10	16QAM	25	25	21.77	21.73	21.62	23.50
10	16QAM	50	0	21.68	21.66	21.75	23.50
10	64QAM	1	0	21.68	21.71	21.64	23.50
10	64QAM	1	25	21.56	21.62	21.57	23.50
10	64QAM	1	49	21.61	21.72	21.55	23.50
10	64QAM	25	0	20.66	20.72	20.69	22.50
10	64QAM	25	12	20.66	20.79	20.67	22.50
10	64QAM	25	25	20.77	20.71	20.67	22.50
10	64QAM	50	0	20.70	20.79	20.69	22.50
10	256QAM	1	0	18.65	18.70	18.50	20.50
10	256QAM	1	25	18.65	18.58	18.49	20.50
10	256QAM	1	49	18.59	18.66	18.65	20.50
10	256QAM	25	0	18.63	18.63	18.65	20.50
10	256QAM	25	12	18.70	18.75	18.64	20.50
10	256QAM	25	25	18.60	18.67	18.63	20.50
10	256QAM	50	0	18.70	18.74	18.63	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.84	23.79	23.86	25.50
5	QPSK	1	12	23.58	23.74	23.62	25.50
5	QPSK	1	24	23.67	23.77	23.68	25.50
5	QPSK	12	0	22.72	22.67	22.60	24.50
5	QPSK	12	7	22.72	22.76	22.65	24.50
5	QPSK	12	13	22.67	22.69	22.61	24.50
5	QPSK	25	0	22.63	22.71	22.61	24.50
5	16QAM	1	0	22.73	22.81	22.70	24.50
5	16QAM	1	12	22.78	22.70	22.66	24.50
5	16QAM	1	24	22.82	22.80	22.68	24.50
5	16QAM	12	0	21.73	21.65	21.65	23.50
5	16QAM	12	7	21.57	21.79	21.63	23.50
5	16QAM	12	13	21.76	21.71	21.59	23.50
5	16QAM	25	0	21.64	21.68	21.73	23.50
5	64QAM	1	0	21.77	21.77	21.71	23.50
5	64QAM	1	12	21.54	21.58	21.59	23.50
5	64QAM	1	24	21.60	21.61	21.48	23.50
5	64QAM	12	0	20.71	20.79	20.66	22.50
5	64QAM	12	7	20.66	20.77	20.71	22.50
5	64QAM	12	13	20.71	20.75	20.65	22.50
5	64QAM	25	0	20.66	20.74	20.67	22.50
5	256QAM	1	0	18.71	18.68	18.57	20.50
5	256QAM	1	12	18.61	18.62	18.51	20.50
5	256QAM	1	24	18.61	18.64	18.68	20.50
5	256QAM	12	0	18.59	18.62	18.65	20.50
5	256QAM	12	7	18.75	18.73	18.67	20.50
5	256QAM	12	13	18.60	18.71	18.74	20.50
5	256QAM	25	0	18.76	18.65	18.71	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.86	23.83	23.78	25.50
3	QPSK	1	8	23.68	23.81	23.58	25.50
3	QPSK	1	14	23.75	23.81	23.68	25.50
3	QPSK	8	0	22.63	22.66	22.66	24.50
3	QPSK	8	4	22.72	22.67	22.69	24.50
3	QPSK	8	7	22.62	22.80	22.62	24.50
3	QPSK	15	0	22.55	22.75	22.59	24.50
3	16QAM	1	0	22.82	22.79	22.74	24.50
3	16QAM	1	8	22.70	22.68	22.60	24.50
3	16QAM	1	14	22.81	22.80	22.66	24.50
3	16QAM	8	0	21.65	21.78	21.76	23.50
3	16QAM	8	4	21.65	21.67	21.60	23.50
3	16QAM	8	7	21.77	21.72	21.62	23.50
3	16QAM	15	0	21.62	21.72	21.65	23.50
3	64QAM	1	0	21.76	21.79	21.64	23.50
3	64QAM	1	8	21.57	21.67	21.62	23.50
3	64QAM	1	14	21.71	21.65	21.59	23.50
3	64QAM	8	0	20.72	20.79	20.62	22.50
3	64QAM	8	4	20.68	20.80	20.68	22.50
3	64QAM	8	7	20.78	20.77	20.68	22.50
3	64QAM	15	0	20.71	20.72	20.66	22.50
3	256QAM	1	0	18.65	18.68	18.61	20.50
3	256QAM	1	8	18.66	18.53	18.43	20.50
3	256QAM	1	14	18.60	18.68	18.68	20.50
3	256QAM	8	0	18.65	18.71	18.59	20.50
3	256QAM	8	4	18.71	18.72	18.66	20.50
3	256QAM	8	7	18.58	18.68	18.70	20.50
3	256QAM	15	0	18.74	18.70	18.64	20.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.84	23.77	23.88	25.50
1.4	QPSK	1	3	23.67	23.68	23.62	25.50
1.4	QPSK	1	5	23.76	23.76	23.75	25.50
1.4	QPSK	3	0	23.72	23.69	23.57	25.50
1.4	QPSK	3	1	23.69	23.74	23.61	25.50
1.4	QPSK	3	3	23.66	23.77	23.61	25.50
1.4	QPSK	6	0	22.62	22.68	22.60	24.50
1.4	16QAM	1	0	22.79	22.79	22.78	24.50
1.4	16QAM	1	3	22.70	22.67	22.72	24.50
1.4	16QAM	1	5	22.74	22.76	22.67	24.50
1.4	16QAM	3	0	22.75	22.72	22.70	24.50
1.4	16QAM	3	1	22.63	22.69	22.65	24.50
1.4	16QAM	3	3	22.70	22.73	22.70	24.50
1.4	16QAM	6	0	21.56	21.67	21.72	23.50
1.4	64QAM	1	0	21.74	21.76	21.67	23.50
1.4	64QAM	1	3	21.65	21.57	21.61	23.50
1.4	64QAM	1	5	21.70	21.71	21.59	23.50
1.4	64QAM	3	0	21.67	21.68	21.58	23.50
1.4	64QAM	3	1	21.59	21.75	21.62	23.50
1.4	64QAM	3	3	21.79	21.69	21.67	23.50
1.4	64QAM	6	0	20.68	20.77	20.69	22.50
1.4	256QAM	1	0	18.68	18.62	18.51	20.50
1.4	256QAM	1	3	18.62	18.66	18.47	20.50
1.4	256QAM	1	5	18.67	18.67	18.63	20.50
1.4	256QAM	3	0	18.69	18.63	18.70	20.50
1.4	256QAM	3	1	18.68	18.70	18.58	20.50
1.4	256QAM	3	3	18.69	18.73	18.75	20.50
1.4	256QAM	6	0	18.66	18.73	18.58	20.50

【LTE Band 2_Ant 3_ECI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.26	16.33	16.29	17.50
20	QPSK	1	49	16.06	16.25	16.10	17.50
20	QPSK	1	99	16.02	16.23	16.13	17.50
20	QPSK	50	0	16.18	16.28	16.16	17.50
20	QPSK	50	24	16.00	16.21	16.07	17.50
20	QPSK	50	50	16.14	16.24	16.14	17.50
20	QPSK	100	0	16.13	16.26	16.15	17.50
20	16QAM	1	0	16.15	16.25	16.11	17.50
20	16QAM	1	49	16.10	16.21	16.05	17.50
20	16QAM	1	99	16.07	16.19	16.08	17.50
20	16QAM	50	0	16.00	16.08	15.98	17.50
20	16QAM	50	24	16.06	16.14	16.09	17.50
20	16QAM	50	50	15.97	16.18	16.02	17.50
20	16QAM	100	0	15.91	16.12	15.99	17.50
20	64QAM	1	0	16.00	16.17	16.02	17.50
20	64QAM	1	49	15.98	16.12	15.95	17.50
20	64QAM	1	99	16.03	16.17	16.01	17.50
20	64QAM	50	0	15.99	16.15	16.04	17.50
20	64QAM	50	24	15.98	16.19	16.12	17.50
20	64QAM	50	50	15.98	16.17	16.09	17.50
20	64QAM	100	0	15.91	16.12	15.95	17.50
20	256QAM	1	0	15.99	16.09	16.01	17.50
20	256QAM	1	49	15.98	16.13	16.04	17.50
20	256QAM	1	99	16.03	16.11	15.95	17.50
20	256QAM	50	0	16.00	16.20	16.09	17.50
20	256QAM	50	24	15.87	16.07	15.99	17.50
20	256QAM	50	50	15.99	16.13	16.04	17.50
20	256QAM	100	0	15.97	16.15	16.01	17.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.17	16.21	16.21	17.50
15	QPSK	1	37	15.98	16.12	15.99	17.50
15	QPSK	1	74	16.00	16.20	16.03	17.50
15	QPSK	36	0	16.06	16.20	16.04	17.50
15	QPSK	36	20	15.86	16.16	16.04	17.50
15	QPSK	36	39	16.02	16.22	16.09	17.50
15	QPSK	75	0	16.06	16.14	16.11	17.50



15	16QAM	1	0	16.02	16.13	16.01	17.50
15	16QAM	1	37	15.97	16.09	15.97	17.50
15	16QAM	1	74	16.00	16.06	16.00	17.50
15	16QAM	36	0	15.89	16.01	15.85	17.50
15	16QAM	36	20	16.03	16.02	16.00	17.50
15	16QAM	36	39	15.85	16.13	16.01	17.50
15	16QAM	75	0	15.87	16.07	15.95	17.50
15	64QAM	1	0	15.89	16.09	15.93	17.50
15	64QAM	1	37	15.95	15.99	15.92	17.50
15	64QAM	1	74	15.92	16.07	15.90	17.50
15	64QAM	36	0	15.94	16.10	15.91	17.50
15	64QAM	36	20	15.84	16.09	16.01	17.50
15	64QAM	36	39	15.88	16.09	15.98	17.50
15	64QAM	75	0	15.89	16.05	15.83	17.50
15	256QAM	1	0	15.87	16.06	15.96	17.50
15	256QAM	1	37	15.92	16.01	15.90	17.50
15	256QAM	1	74	16.01	16.07	15.88	17.50
15	256QAM	36	0	15.99	16.16	15.97	17.50
15	256QAM	36	20	15.86	16.04	15.87	17.50
15	256QAM	36	39	15.92	16.00	15.93	17.50
15	256QAM	75	0	15.86	16.05	15.99	17.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.17	16.18	16.15	17.50
10	QPSK	1	25	16.03	16.11	16.08	17.50
10	QPSK	1	49	15.89	16.13	16.00	17.50
10	QPSK	25	0	16.01	16.17	16.09	17.50
10	QPSK	25	12	15.90	16.19	16.04	17.50
10	QPSK	25	25	16.07	16.16	16.10	17.50
10	QPSK	50	0	16.03	16.24	16.08	17.50
10	16QAM	1	0	16.05	16.10	16.09	17.50
10	16QAM	1	25	15.96	16.12	15.98	17.50
10	16QAM	1	49	16.01	16.14	16.06	17.50
10	16QAM	25	0	15.88	15.99	15.83	17.50
10	16QAM	25	12	15.98	16.07	16.05	17.50
10	16QAM	25	25	15.95	16.14	15.88	17.50
10	16QAM	50	0	15.88	16.00	15.90	17.50
10	64QAM	1	0	15.95	16.10	15.95	17.50
10	64QAM	1	25	15.91	16.01	15.82	17.50
10	64QAM	1	49	15.89	16.15	15.88	17.50
10	64QAM	25	0	15.91	16.04	15.95	17.50
10	64QAM	25	12	15.84	16.12	15.99	17.50
10	64QAM	25	25	15.97	16.05	15.99	17.50
10	64QAM	50	0	15.85	16.07	15.90	17.50
10	256QAM	1	0	15.95	16.06	15.94	17.50
10	256QAM	1	25	15.96	16.08	15.95	17.50
10	256QAM	1	49	15.95	16.08	15.83	17.50
10	256QAM	25	0	15.92	16.17	16.06	17.50
10	256QAM	25	12	15.83	15.94	15.97	17.50
10	256QAM	25	25	15.94	16.00	15.97	17.50
10	256QAM	50	0	15.87	16.09	15.88	17.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.24	16.26	16.19	17.50
5	QPSK	1	12	16.03	16.21	16.00	17.50
5	QPSK	1	24	15.94	16.15	16.12	17.50
5	QPSK	12	0	16.04	16.20	16.07	17.50
5	QPSK	12	7	15.91	16.09	15.93	17.50
5	QPSK	12	13	16.10	16.19	16.07	17.50
5	QPSK	25	0	16.10	16.25	16.05	17.50
5	16QAM	1	0	16.02	16.19	16.02	17.50
5	16QAM	1	12	16.08	16.13	15.99	17.50
5	16QAM	1	24	15.93	16.13	16.03	17.50
5	16QAM	12	0	15.85	16.04	15.86	17.50
5	16QAM	12	7	15.95	16.09	15.98	17.50
5	16QAM	12	13	15.86	16.04	15.98	17.50
5	16QAM	25	0	15.81	16.06	15.96	17.50
5	64QAM	1	0	15.98	16.05	15.96	17.50
5	64QAM	1	12	15.95	16.05	15.92	17.50
5	64QAM	1	24	15.89	16.05	15.93	17.50
5	64QAM	12	0	15.91	16.02	15.96	17.50
5	64QAM	12	7	15.90	16.12	16.08	17.50
5	64QAM	12	13	15.95	16.11	16.07	17.50
5	64QAM	25	0	15.77	16.09	15.86	17.50
5	256QAM	1	0	15.93	16.05	15.89	17.50
5	256QAM	1	12	15.91	16.06	15.91	17.50
5	256QAM	1	24	16.01	16.04	15.86	17.50
5	256QAM	12	0	15.92	16.17	16.02	17.50



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5	256QAM	12	7	15.80	15.94	15.97	17.50
5	256QAM	12	13	15.94	16.07	15.93	17.50
5	256QAM	25	0	15.91	16.09	15.89	17.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.21	16.28	16.22	17.50
3	QPSK	1	8	15.97	16.11	15.97	17.50
3	QPSK	1	14	15.91	16.13	16.04	17.50
3	QPSK	8	0	15.95	16.25	16.12	17.50
3	QPSK	8	4	15.96	16.08	16.04	17.50
3	QPSK	8	7	16.08	16.16	16.02	17.50
3	QPSK	15	0	16.05	16.12	16.09	17.50
3	16QAM	1	0	16.03	16.18	15.97	17.50
3	16QAM	1	8	16.05	16.13	15.90	17.50
3	16QAM	1	14	16.06	16.08	16.07	17.50
3	16QAM	8	0	15.96	15.93	15.87	17.50
3	16QAM	8	4	15.95	16.07	15.97	17.50
3	16QAM	8	7	15.89	16.16	15.97	17.50
3	16QAM	15	0	15.85	16.04	15.95	17.50
3	64QAM	1	0	15.98	16.08	15.89	17.50
3	64QAM	1	8	15.89	16.10	15.87	17.50
3	64QAM	1	14	15.92	16.12	15.87	17.50
3	64QAM	8	0	15.91	16.00	15.98	17.50
3	64QAM	8	4	15.86	16.16	16.05	17.50
3	64QAM	8	7	15.84	16.11	15.95	17.50
3	64QAM	15	0	15.87	16.09	15.83	17.50
3	256QAM	1	0	15.89	16.04	15.89	17.50
3	256QAM	1	8	15.84	16.05	15.93	17.50
3	256QAM	1	14	15.97	15.98	15.83	17.50
3	256QAM	8	0	15.90	16.12	15.99	17.50
3	256QAM	8	4	15.74	15.93	15.96	17.50
3	256QAM	8	7	15.93	16.02	15.97	17.50
3	256QAM	15	0	15.87	16.07	15.87	17.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.11	16.28	16.21	17.50
1.4	QPSK	1	3	15.92	16.22	15.97	17.50
1.4	QPSK	1	5	16.01	16.10	16.08	17.50
1.4	QPSK	3	0	16.06	16.14	16.06	17.50
1.4	QPSK	3	1	15.97	16.17	16.03	17.50
1.4	QPSK	3	3	16.03	16.21	16.10	17.50
1.4	QPSK	6	0	16.10	16.20	16.04	17.50
1.4	16QAM	1	0	16.09	16.18	15.97	17.50
1.4	16QAM	1	3	16.00	16.18	15.93	17.50
1.4	16QAM	1	5	16.00	16.07	15.99	17.50
1.4	16QAM	3	0	15.97	15.93	15.91	17.50
1.4	16QAM	3	1	16.04	16.06	16.05	17.50
1.4	16QAM	3	3	15.87	16.16	15.93	17.50
1.4	16QAM	6	0	15.83	16.00	15.94	17.50
1.4	64QAM	1	0	15.93	16.16	15.95	17.50
1.4	64QAM	1	3	15.92	16.03	15.81	17.50
1.4	64QAM	1	5	16.01	16.03	15.97	17.50
1.4	64QAM	3	0	15.85	16.01	15.90	17.50
1.4	64QAM	3	1	15.87	16.06	15.99	17.50
1.4	64QAM	3	3	15.97	16.10	16.08	17.50
1.4	64QAM	6	0	15.81	16.10	15.88	17.50
1.4	256QAM	1	0	15.90	15.99	15.95	17.50
1.4	256QAM	1	3	15.95	16.07	15.98	17.50
1.4	256QAM	1	5	15.88	16.05	15.81	17.50
1.4	256QAM	3	0	15.97	16.11	15.96	17.50
1.4	256QAM	3	1	15.86	15.93	15.91	17.50
1.4	256QAM	3	3	15.96	16.01	15.99	17.50
1.4	256QAM	6	0	15.83	16.14	15.92	17.50

【LTE Band 2_Ant 3_ECI5-1】

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	16.24	16.29	16.23	16.70
20	QPSK	1	49	15.96	16.11	15.98	16.70
20	QPSK	1	99	16.02	16.11	16.03	16.70
20	QPSK	50	0	16.12	16.17	16.13	16.70
20	QPSK	50	24	15.89	16.09	15.91	16.70
20	QPSK	50	50	15.96	16.15	16.00	16.70
20	QPSK	100	0	15.89	16.02	15.82	16.70
20	16QAM	1	0	16.00	16.08	15.92	16.70
20	16QAM	1	49	16.00	16.09	15.89	16.70
20	16QAM	1	99	16.00	16.11	16.02	16.70
20	16QAM	50	0	15.92	16.09	15.91	16.70
20	16QAM	50	24	16.03	16.11	15.98	16.70
20	16QAM	50	50	15.92	16.06	15.93	16.70
20	16QAM	100	0	16.04	16.14	15.98	16.70
20	64QAM	1	0	15.99	16.07	16.00	16.70
20	64QAM	1	49	15.98	16.12	16.00	16.70
20	64QAM	1	99	15.90	16.05	15.86	16.70
20	64QAM	50	0	15.98	16.10	15.99	16.70
20	64QAM	50	24	15.92	16.06	15.98	16.70
20	64QAM	50	50	15.97	16.12	15.94	16.70
20	64QAM	100	0	15.88	16.06	15.87	16.70
20	256QAM	1	0	16.07	16.17	16.03	16.70
20	256QAM	1	49	15.90	16.03	15.86	16.70
20	256QAM	1	99	15.97	16.16	16.02	16.70
20	256QAM	50	0	16.15	16.22	16.17	16.70
20	256QAM	50	24	15.92	16.11	15.98	16.70
20	256QAM	50	50	15.97	16.11	15.94	16.70
20	256QAM	100	0	16.03	16.17	16.07	16.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.21	16.20	16.15	16.70
15	QPSK	1	37	15.85	16.06	15.97	16.70
15	QPSK	1	74	15.88	16.07	15.99	16.70
15	QPSK	36	0	16.01	16.05	16.04	16.70
15	QPSK	36	20	15.75	16.05	15.89	16.70
15	QPSK	36	39	15.90	16.06	15.89	16.70
15	QPSK	75	0	15.78	15.96	15.77	16.70
15	16QAM	1	0	15.96	15.94	15.81	16.70
15	16QAM	1	37	15.98	16.05	15.84	16.70
15	16QAM	1	74	15.98	16.10	16.00	16.70
15	16QAM	36	0	15.89	15.97	15.80	16.70
15	16QAM	36	20	15.94	16.06	15.84	16.70
15	16QAM	36	39	15.88	16.02	15.82	16.70
15	16QAM	75	0	15.93	16.06	15.91	16.70
15	64QAM	1	0	15.86	15.93	15.90	16.70
15	64QAM	1	37	15.96	16.11	15.96	16.70
15	64QAM	1	74	15.81	15.96	15.78	16.70
15	64QAM	36	0	15.92	16.08	15.86	16.70
15	64QAM	36	20	15.80	15.98	15.93	16.70
15	64QAM	36	39	15.94	15.97	15.84	16.70
15	64QAM	75	0	15.76	15.91	15.74	16.70
15	256QAM	1	0	15.96	16.13	16.01	16.70
15	256QAM	1	37	15.86	15.99	15.72	16.70
15	256QAM	1	74	15.92	16.04	15.90	16.70
15	256QAM	36	0	16.05	16.21	16.08	16.70
15	256QAM	36	20	15.80	16.03	15.86	16.70
15	256QAM	36	39	15.95	16.00	15.92	16.70
15	256QAM	75	0	15.99	16.09	15.92	16.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.22	16.18	16.13	16.70
10	QPSK	1	25	15.87	16.01	15.88	16.70
10	QPSK	1	49	16.00	16.01	15.95	16.70
10	QPSK	25	0	16.03	16.11	16.00	16.70
10	QPSK	25	12	15.84	15.96	15.83	16.70
10	QPSK	25	25	15.82	16.03	15.92	16.70
10	QPSK	50	0	15.77	15.95	15.67	16.70
10	16QAM	1	0	15.94	16.05	15.91	16.70
10	16QAM	1	25	15.89	15.99	15.81	16.70
10	16QAM	1	49	15.96	15.99	15.87	16.70
10	16QAM	25	0	15.82	16.00	15.87	16.70



10	16QAM	25	12	15.90	16.00	15.84	16.70
10	16QAM	25	25	15.83	15.95	15.84	16.70
10	16QAM	50	0	15.91	16.01	15.95	16.70
10	64QAM	1	0	15.97	16.02	15.97	16.70
10	64QAM	1	25	15.88	15.99	15.86	16.70
10	64QAM	1	49	15.88	16.04	15.80	16.70
10	64QAM	25	0	15.95	16.05	15.91	16.70
10	64QAM	25	12	15.86	15.94	15.97	16.70
10	64QAM	25	25	15.86	16.01	15.82	16.70
10	64QAM	50	0	15.85	15.91	15.76	16.70
10	256QAM	1	0	15.96	16.15	15.99	16.70
10	256QAM	1	25	15.77	15.93	15.73	16.70
10	256QAM	1	49	15.92	16.04	15.98	16.70
10	256QAM	25	0	16.04	16.23	16.09	16.70
10	256QAM	25	12	15.77	16.02	15.85	16.70
10	256QAM	25	25	15.88	16.10	15.91	16.70
10	256QAM	50	0	15.98	16.10	16.01	16.70
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.18	16.22	16.18	16.70
5	QPSK	1	12	15.92	16.10	15.84	16.70
5	QPSK	1	24	15.91	16.00	15.97	16.70
5	QPSK	12	0	16.06	16.08	16.00	16.70
5	QPSK	12	7	15.79	15.99	15.86	16.70
5	QPSK	12	13	15.86	16.14	15.91	16.70
5	QPSK	25	0	15.84	16.00	15.75	16.70
5	16QAM	1	0	15.85	16.04	15.84	16.70
5	16QAM	1	12	15.96	16.07	15.87	16.70
5	16QAM	1	24	15.94	15.99	15.93	16.70
5	16QAM	12	0	15.81	15.97	15.87	16.70
5	16QAM	12	7	15.97	15.97	15.86	16.70
5	16QAM	12	13	15.87	16.04	15.91	16.70
5	16QAM	25	0	15.93	16.07	15.90	16.70
5	64QAM	1	0	15.87	15.98	15.87	16.70
5	64QAM	1	12	15.86	16.07	15.97	16.70
5	64QAM	1	24	15.81	16.03	15.74	16.70
5	64QAM	12	0	15.92	15.97	15.88	16.70
5	64QAM	12	7	15.87	15.97	15.89	16.70
5	64QAM	12	13	15.87	16.08	15.86	16.70
5	64QAM	25	0	15.86	15.97	15.79	16.70
5	256QAM	1	0	15.95	16.08	15.98	16.70
5	256QAM	1	12	15.76	15.88	15.73	16.70
5	256QAM	1	24	15.86	16.01	15.88	16.70
5	256QAM	12	0	16.07	16.25	16.07	16.70
5	256QAM	12	7	15.79	15.97	15.86	16.70
5	256QAM	12	13	15.87	16.01	15.87	16.70
5	256QAM	25	0	15.91	16.08	15.92	16.70
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.21	16.27	16.20	16.70
3	QPSK	1	8	15.82	16.00	15.83	16.70
3	QPSK	1	14	15.97	16.03	15.95	16.70
3	QPSK	8	0	16.03	16.02	16.03	16.70
3	QPSK	8	4	15.78	15.96	15.77	16.70
3	QPSK	8	7	15.87	16.00	15.95	16.70
3	QPSK	15	0	15.76	15.99	15.79	16.70
3	16QAM	1	0	15.92	16.02	15.77	16.70
3	16QAM	1	8	15.99	16.07	15.79	16.70
3	16QAM	1	14	15.92	15.97	16.00	16.70
3	16QAM	8	0	15.82	15.97	15.89	16.70
3	16QAM	8	4	15.92	16.07	15.83	16.70
3	16QAM	8	7	15.79	16.01	15.89	16.70
3	16QAM	15	0	15.92	16.11	15.97	16.70
3	64QAM	1	0	15.92	15.97	15.86	16.70
3	64QAM	1	8	15.92	16.06	15.89	16.70
3	64QAM	1	14	15.76	15.99	15.82	16.70
3	64QAM	8	0	15.90	15.96	15.94	16.70
3	64QAM	8	4	15.79	15.98	15.95	16.70
3	64QAM	8	7	15.87	16.06	15.80	16.70
3	64QAM	15	0	15.84	15.98	15.75	16.70
3	256QAM	1	0	15.95	16.09	15.94	16.70
3	256QAM	1	8	15.85	15.99	15.84	16.70
3	256QAM	1	14	15.84	16.02	16.00	16.70
3	256QAM	8	0	16.12	16.22	16.05	16.70
3	256QAM	8	4	15.78	16.03	15.85	16.70
3	256QAM	8	7	15.84	15.99	15.80	16.70
3	256QAM	15	0	15.99	16.12	16.00	16.70
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.21	16.20	16.20	16.70
1.4	QPSK	1	3	15.87	15.98	15.88	16.70
1.4	QPSK	1	5	15.94	16.08	16.02	16.70
1.4	QPSK	3	0	16.07	16.11	16.09	16.70
1.4	QPSK	3	1	15.75	16.01	15.79	16.70
1.4	QPSK	3	3	15.84	16.00	15.96	16.70
1.4	QPSK	6	0	15.83	15.90	15.73	16.70
1.4	16QAM	1	0	15.88	16.00	15.90	16.70
1.4	16QAM	1	3	15.98	15.97	15.78	16.70
1.4	16QAM	1	5	15.90	16.04	15.94	16.70
1.4	16QAM	3	0	15.78	16.01	15.83	16.70
1.4	16QAM	3	1	15.96	16.08	15.94	16.70
1.4	16QAM	3	3	15.79	15.94	15.83	16.70
1.4	16QAM	6	0	16.01	16.08	15.86	16.70
1.4	64QAM	1	0	15.92	15.92	15.98	16.70
1.4	64QAM	1	3	15.89	16.03	15.87	16.70
1.4	64QAM	1	5	15.88	15.93	15.76	16.70
1.4	64QAM	3	0	15.91	16.03	15.85	16.70
1.4	64QAM	3	1	15.87	15.93	15.88	16.70
1.4	64QAM	3	3	15.94	16.10	15.89	16.70
1.4	64QAM	6	0	15.82	16.03	15.82	16.70
1.4	256QAM	1	0	15.97	16.16	16.01	16.70
1.4	256QAM	1	3	15.88	15.95	15.79	16.70
1.4	256QAM	1	5	15.90	16.07	15.90	16.70
1.4	256QAM	3	0	16.07	16.21	16.03	16.70
1.4	256QAM	3	1	15.83	15.96	15.95	16.70
1.4	256QAM	3	3	15.94	16.09	15.82	16.70
1.4	256QAM	6	0	15.89	16.04	15.95	16.70

【LTE Band 2_Ant 3_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.93	15.95	15.91	17.50
20	QPSK	1	49	15.66	15.81	15.67	17.50
20	QPSK	1	99	15.74	15.87	15.71	17.50
20	QPSK	50	0	15.81	15.86	15.83	17.50
20	QPSK	50	24	15.67	15.81	15.74	17.50
20	QPSK	50	50	15.70	15.77	15.60	17.50
20	QPSK	100	0	15.69	15.74	15.56	17.50
20	16QAM	1	0	15.80	15.84	15.75	17.50
20	16QAM	1	49	15.68	15.79	15.66	17.50
20	16QAM	1	99	15.58	15.75	15.60	17.50
20	16QAM	50	0	15.74	15.82	15.69	17.50
20	16QAM	50	24	15.69	15.77	15.69	17.50
20	16QAM	50	50	15.71	15.74	15.62	17.50
20	16QAM	100	0	15.67	15.77	15.66	17.50
20	64QAM	1	0	15.74	15.80	15.65	17.50
20	64QAM	1	49	15.73	15.84	15.69	17.50
20	64QAM	1	99	15.73	15.83	15.66	17.50
20	64QAM	50	0	15.70	15.74	15.62	17.50
20	64QAM	50	24	15.72	15.80	15.62	17.50
20	64QAM	50	50	15.76	15.83	15.69	17.50
20	64QAM	100	0	15.61	15.77	15.60	17.50
20	256QAM	1	0	15.74	15.79	15.69	17.50
20	256QAM	1	49	15.64	15.78	15.70	17.50
20	256QAM	1	99	15.74	15.83	15.73	17.50
20	256QAM	50	0	15.84	15.95	15.87	17.50
20	256QAM	50	24	15.69	15.81	15.66	17.50
20	256QAM	50	50	15.81	15.87	15.78	17.50
20	256QAM	100	0	15.65	15.79	15.73	17.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.91	15.87	15.82	17.50
15	QPSK	1	37	15.57	15.67	15.55	17.50
15	QPSK	1	74	15.68	15.72	15.63	17.50
15	QPSK	36	0	15.71	15.71	15.76	17.50
15	QPSK	36	20	15.62	15.66	15.67	17.50
15	QPSK	36	39	15.57	15.67	15.58	17.50
15	QPSK	75	0	15.61	15.64	15.47	17.50



15	16QAM	1	0	15.78	15.73	15.68	17.50
15	16QAM	1	37	15.58	15.67	15.58	17.50
15	16QAM	1	74	15.52	15.74	15.52	17.50
15	16QAM	36	0	15.62	15.78	15.67	17.50
15	16QAM	36	20	15.56	15.70	15.66	17.50
15	16QAM	36	39	15.58	15.69	15.56	17.50
15	16QAM	75	0	15.63	15.75	15.59	17.50
15	64QAM	1	0	15.67	15.72	15.62	17.50
15	64QAM	1	37	15.67	15.75	15.59	17.50
15	64QAM	1	74	15.67	15.75	15.51	17.50
15	64QAM	36	0	15.63	15.66	15.50	17.50
15	64QAM	36	20	15.61	15.72	15.60	17.50
15	64QAM	36	39	15.63	15.69	15.55	17.50
15	64QAM	75	0	15.52	15.71	15.51	17.50
15	256QAM	1	0	15.59	15.76	15.63	17.50
15	256QAM	1	37	15.51	15.77	15.64	17.50
15	256QAM	1	74	15.65	15.81	15.72	17.50
15	256QAM	36	0	15.75	15.86	15.77	17.50
15	256QAM	36	20	15.66	15.75	15.59	17.50
15	256QAM	36	39	15.77	15.78	15.69	17.50
15	256QAM	75	0	15.64	15.71	15.70	17.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	15.89	15.87	15.76	17.50
10	QPSK	1	25	15.56	15.79	15.58	17.50
10	QPSK	1	49	15.64	15.77	15.58	17.50
10	QPSK	25	0	15.78	15.76	15.72	17.50
10	QPSK	25	12	15.55	15.69	15.59	17.50
10	QPSK	25	25	15.58	15.66	15.49	17.50
10	QPSK	50	0	15.55	15.62	15.43	17.50
10	16QAM	1	0	15.73	15.73	15.73	17.50
10	16QAM	1	25	15.55	15.73	15.60	17.50
10	16QAM	1	49	15.54	15.69	15.45	17.50
10	16QAM	25	0	15.64	15.78	15.64	17.50
10	16QAM	25	12	15.59	15.75	15.57	17.50
10	16QAM	25	25	15.57	15.65	15.51	17.50
10	16QAM	50	0	15.55	15.73	15.60	17.50
10	64QAM	1	0	15.68	15.77	15.63	17.50
10	64QAM	1	25	15.64	15.76	15.64	17.50
10	64QAM	1	49	15.62	15.68	15.55	17.50
10	64QAM	25	0	15.67	15.66	15.49	17.50
10	64QAM	25	12	15.58	15.73	15.60	17.50
10	64QAM	25	25	15.68	15.74	15.58	17.50
10	64QAM	50	0	15.59	15.71	15.53	17.50
10	256QAM	1	0	15.67	15.70	15.68	17.50
10	256QAM	1	25	15.62	15.70	15.60	17.50
10	256QAM	1	49	15.67	15.77	15.70	17.50
10	256QAM	25	0	15.74	15.86	15.76	17.50
10	256QAM	25	12	15.56	15.72	15.62	17.50
10	256QAM	25	25	15.78	15.73	15.64	17.50
10	256QAM	50	0	15.56	15.65	15.70	17.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	15.79	15.93	15.77	17.50
5	QPSK	1	12	15.61	15.73	15.59	17.50
5	QPSK	1	24	15.67	15.84	15.57	17.50
5	QPSK	12	0	15.74	15.82	15.77	17.50
5	QPSK	12	7	15.66	15.73	15.72	17.50
5	QPSK	12	13	15.61	15.71	15.46	17.50
5	QPSK	25	0	15.65	15.60	15.46	17.50
5	16QAM	1	0	15.68	15.80	15.64	17.50
5	16QAM	1	12	15.60	15.74	15.59	17.50
5	16QAM	1	24	15.45	15.64	15.51	17.50
5	16QAM	12	0	15.63	15.81	15.66	17.50
5	16QAM	12	7	15.67	15.64	15.67	17.50
5	16QAM	12	13	15.62	15.65	15.56	17.50
5	16QAM	25	0	15.66	15.71	15.56	17.50
5	64QAM	1	0	15.64	15.70	15.51	17.50
5	64QAM	1	12	15.67	15.74	15.63	17.50
5	64QAM	1	24	15.67	15.69	15.53	17.50
5	64QAM	12	0	15.60	15.62	15.54	17.50
5	64QAM	12	7	15.59	15.77	15.61	17.50
5	64QAM	12	13	15.72	15.81	15.57	17.50
5	64QAM	25	0	15.53	15.74	15.57	17.50
5	256QAM	1	0	15.61	15.65	15.60	17.50
5	256QAM	1	12	15.61	15.70	15.62	17.50
5	256QAM	1	24	15.69	15.76	15.61	17.50
5	256QAM	12	0	15.78	15.90	15.84	17.50



5	256QAM	12	7	15.55	15.77	15.54	17.50
5	256QAM	12	13	15.74	15.84	15.70	17.50
5	256QAM	25	0	15.60	15.74	15.62	17.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	15.78	15.84	15.78	17.50
3	QPSK	1	8	15.56	15.66	15.56	17.50
3	QPSK	1	14	15.62	15.82	15.58	17.50
3	QPSK	8	0	15.70	15.76	15.74	17.50
3	QPSK	8	4	15.61	15.77	15.62	17.50
3	QPSK	8	7	15.60	15.73	15.56	17.50
3	QPSK	15	0	15.64	15.60	15.54	17.50
3	16QAM	1	0	15.67	15.69	15.62	17.50
3	16QAM	1	8	15.54	15.72	15.59	17.50
3	16QAM	1	14	15.56	15.69	15.51	17.50
3	16QAM	8	0	15.60	15.69	15.60	17.50
3	16QAM	8	4	15.55	15.70	15.59	17.50
3	16QAM	8	7	15.66	15.68	15.47	17.50
3	16QAM	15	0	15.66	15.64	15.54	17.50
3	64QAM	1	0	15.68	15.66	15.61	17.50
3	64QAM	1	8	15.67	15.71	15.66	17.50
3	64QAM	1	14	15.71	15.75	15.59	17.50
3	64QAM	8	0	15.61	15.68	15.53	17.50
3	64QAM	8	4	15.67	15.69	15.51	17.50
3	64QAM	8	7	15.72	15.72	15.60	17.50
3	64QAM	15	0	15.59	15.66	15.50	17.50
3	256QAM	1	0	15.64	15.64	15.65	17.50
3	256QAM	1	8	15.49	15.76	15.62	17.50
3	256QAM	1	14	15.64	15.69	15.60	17.50
3	256QAM	8	0	15.79	15.89	15.77	17.50
3	256QAM	8	4	15.64	15.67	15.62	17.50
3	256QAM	8	7	15.69	15.85	15.70	17.50
3	256QAM	15	0	15.59	15.65	15.61	17.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	15.91	15.80	15.85	17.50
1.4	QPSK	1	3	15.65	15.72	15.63	17.50
1.4	QPSK	1	5	15.63	15.83	15.66	17.50
1.4	QPSK	3	0	15.77	15.78	15.77	17.50
1.4	QPSK	3	1	15.54	15.71	15.69	17.50
1.4	QPSK	3	3	15.59	15.66	15.58	17.50
1.4	QPSK	6	0	15.67	15.71	15.42	17.50
1.4	16QAM	1	0	15.69	15.81	15.61	17.50
1.4	16QAM	1	3	15.66	15.69	15.63	17.50
1.4	16QAM	1	5	15.48	15.69	15.53	17.50
1.4	16QAM	3	0	15.69	15.80	15.65	17.50
1.4	16QAM	3	1	15.66	15.75	15.64	17.50
1.4	16QAM	3	3	15.59	15.68	15.58	17.50
1.4	16QAM	6	0	15.55	15.69	15.55	17.50
1.4	64QAM	1	0	15.73	15.73	15.52	17.50
1.4	64QAM	1	3	15.59	15.72	15.64	17.50
1.4	64QAM	1	5	15.72	15.72	15.53	17.50
1.4	64QAM	3	0	15.66	15.70	15.53	17.50
1.4	64QAM	3	1	15.65	15.69	15.55	17.50
1.4	64QAM	3	3	15.74	15.73	15.58	17.50
1.4	64QAM	6	0	15.57	15.72	15.58	17.50
1.4	256QAM	1	0	15.60	15.72	15.62	17.50
1.4	256QAM	1	3	15.55	15.77	15.64	17.50
1.4	256QAM	1	5	15.66	15.79	15.60	17.50
1.4	256QAM	3	0	15.77	15.80	15.73	17.50
1.4	256QAM	3	1	15.62	15.72	15.57	17.50
1.4	256QAM	3	3	15.76	15.77	15.77	17.50
1.4	256QAM	6	0	15.51	15.74	15.60	17.50



【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	23.62	23.69	23.51	25.00
20	QPSK	1	49	23.35	23.48	23.28	25.00
20	QPSK	1	99	23.48	23.56	23.28	25.00
20	QPSK	50	0	22.53	22.65	22.57	24.00
20	QPSK	50	24	22.48	22.59	22.40	24.00
20	QPSK	50	50	22.43	22.62	22.39	24.00
20	QPSK	100	0	22.47	22.63	22.34	24.00
20	16QAM	1	0	22.77	22.93	22.70	24.00
20	16QAM	1	49	22.59	22.76	22.45	24.00
20	16QAM	1	99	22.60	22.82	22.51	24.00
20	16QAM	50	0	21.49	21.58	21.34	23.00
20	16QAM	50	24	21.46	21.59	21.31	23.00
20	16QAM	50	50	21.43	21.60	21.41	23.00
20	16QAM	100	0	21.47	21.61	21.41	23.00
20	64QAM	1	0	21.64	21.84	21.53	23.00
20	64QAM	1	49	21.59	21.75	21.53	23.00
20	64QAM	1	99	21.65	21.82	21.56	23.00
20	64QAM	50	0	20.50	20.60	20.31	22.00
20	64QAM	50	24	20.38	20.59	20.31	22.00
20	64QAM	50	50	20.47	20.62	20.34	22.00
20	64QAM	100	0	20.46	20.63	20.44	22.00
20	256QAM	1	0	18.65	18.77	18.60	20.00
20	256QAM	1	49	18.61	18.70	18.48	20.00
20	256QAM	1	99	18.60	18.72	18.51	20.00
20	256QAM	50	0	18.46	18.58	18.38	20.00
20	256QAM	50	24	18.47	18.59	18.32	20.00
20	256QAM	50	50	18.50	18.61	18.44	20.00
20	256QAM	100	0	18.48	18.60	18.42	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.56	23.57	23.49	25.00
15	QPSK	1	37	23.21	23.43	23.25	25.00
15	QPSK	1	74	23.38	23.45	23.24	25.00
15	QPSK	36	0	22.47	22.59	22.30	24.00
15	QPSK	36	20	22.35	22.47	22.37	24.00
15	QPSK	36	39	22.37	22.59	22.36	24.00
15	QPSK	75	0	22.41	22.53	22.31	24.00
15	16QAM	1	0	22.68	22.81	22.62	24.00
15	16QAM	1	37	22.44	22.75	22.39	24.00
15	16QAM	1	74	22.57	22.76	22.37	24.00
15	16QAM	36	0	21.34	21.46	21.24	23.00
15	16QAM	36	20	21.38	21.51	21.21	23.00
15	16QAM	36	39	21.31	21.53	21.35	23.00
15	16QAM	75	0	21.38	21.51	21.38	23.00
15	64QAM	1	0	21.59	21.79	21.47	23.00
15	64QAM	1	37	21.51	21.61	21.44	23.00
15	64QAM	1	74	21.55	21.73	21.47	23.00
15	64QAM	36	0	20.42	20.55	20.20	22.00
15	64QAM	36	20	20.24	20.44	20.24	22.00
15	64QAM	36	39	20.32	20.59	20.31	22.00
15	64QAM	75	0	20.39	20.53	20.42	22.00
15	256QAM	1	0	18.61	18.63	18.49	20.00
15	256QAM	1	37	18.54	18.64	18.35	20.00
15	256QAM	1	74	18.57	18.58	18.40	20.00
15	256QAM	36	0	18.42	18.49	18.31	20.00
15	256QAM	36	20	18.37	18.52	18.29	20.00
15	256QAM	36	39	18.41	18.54	18.35	20.00
15	256QAM	75	0	18.38	18.48	18.29	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.57	23.63	23.37	25.00
10	QPSK	1	25	23.20	23.43	23.19	25.00
10	QPSK	1	49	23.40	23.44	23.17	25.00
10	QPSK	25	0	22.48	22.56	22.29	24.00
10	QPSK	25	12	22.35	22.55	22.34	24.00
10	QPSK	25	25	22.32	22.61	22.37	24.00
10	QPSK	50	0	22.43	22.53	22.23	24.00
10	16QAM	1	0	22.75	22.87	22.64	24.00
10	16QAM	1	25	22.50	22.64	22.34	24.00
10	16QAM	1	49	22.57	22.76	22.44	24.00
10	16QAM	25	0	21.35	21.45	21.26	23.00



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10	16QAM	25	12	21.42	21.48	21.23	23.00
10	16QAM	25	25	21.28	21.48	21.32	23.00
10	16QAM	50	0	21.40	21.49	21.30	23.00
10	64QAM	1	0	21.56	21.77	21.42	23.00
10	64QAM	1	25	21.50	21.64	21.50	23.00
10	64QAM	1	49	21.60	21.76	21.53	23.00
10	64QAM	25	0	20.45	20.56	20.25	22.00
10	64QAM	25	12	20.35	20.55	20.29	22.00
10	64QAM	25	25	20.34	20.57	20.22	22.00
10	64QAM	50	0	20.39	20.55	20.33	22.00
10	256QAM	1	0	18.52	18.68	18.52	20.00
10	256QAM	1	25	18.53	18.62	18.34	20.00
10	256QAM	1	49	18.57	18.68	18.40	20.00
10	256QAM	25	0	18.34	18.56	18.28	20.00
10	256QAM	25	12	18.35	18.47	18.20	20.00
10	256QAM	25	25	18.40	18.52	18.34	20.00
10	256QAM	50	0	18.36	18.48	18.30	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.49	23.64	23.46	25.00
5	QPSK	1	12	23.26	23.40	23.26	25.00
5	QPSK	1	24	23.43	23.48	23.25	25.00
5	QPSK	12	0	22.42	22.57	22.27	24.00
5	QPSK	12	7	22.38	22.57	22.39	24.00
5	QPSK	12	13	22.32	22.60	22.34	24.00
5	QPSK	25	0	22.44	22.49	22.31	24.00
5	16QAM	1	0	22.67	22.82	22.65	24.00
5	16QAM	1	12	22.57	22.72	22.44	24.00
5	16QAM	1	24	22.55	22.76	22.42	24.00
5	16QAM	12	0	21.36	21.46	21.31	23.00
5	16QAM	12	7	21.37	21.47	21.19	23.00
5	16QAM	12	13	21.36	21.45	21.38	23.00
5	16QAM	25	0	21.35	21.55	21.27	23.00
5	64QAM	1	0	21.57	21.70	21.49	23.00
5	64QAM	1	12	21.56	21.72	21.40	23.00
5	64QAM	1	24	21.51	21.68	21.54	23.00
5	64QAM	12	0	20.38	20.59	20.26	22.00
5	64QAM	12	7	20.26	20.55	20.28	22.00
5	64QAM	12	13	20.32	20.57	20.24	22.00
5	64QAM	25	0	20.32	20.49	20.40	22.00
5	256QAM	1	0	18.62	18.73	18.53	20.00
5	256QAM	1	12	18.47	18.66	18.40	20.00
5	256QAM	1	24	18.57	18.60	18.44	20.00
5	256QAM	12	0	18.42	18.53	18.23	20.00
5	256QAM	12	7	18.38	18.52	18.26	20.00
5	256QAM	12	13	18.37	18.47	18.37	20.00
5	256QAM	25	0	18.38	18.58	18.32	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.50	23.62	23.44	25.00
3	QPSK	1	8	23.20	23.38	23.20	25.00
3	QPSK	1	14	23.41	23.48	23.25	25.00
3	QPSK	8	0	22.49	22.51	22.28	24.00
3	QPSK	8	4	22.39	22.53	22.37	24.00
3	QPSK	8	7	22.34	22.57	22.28	24.00
3	QPSK	15	0	22.44	22.55	22.25	24.00
3	16QAM	1	0	22.67	22.81	22.60	24.00
3	16QAM	1	8	22.54	22.71	22.38	24.00
3	16QAM	1	14	22.59	22.73	22.49	24.00
3	16QAM	8	0	21.35	21.43	21.23	23.00
3	16QAM	8	4	21.33	21.56	21.21	23.00
3	16QAM	8	7	21.28	21.48	21.31	23.00
3	16QAM	15	0	21.38	21.48	21.26	23.00
3	64QAM	1	0	21.53	21.69	21.50	23.00
3	64QAM	1	8	21.49	21.61	21.44	23.00
3	64QAM	1	14	21.62	21.77	21.54	23.00
3	64QAM	8	0	20.41	20.52	20.17	22.00
3	64QAM	8	4	20.32	20.54	20.23	22.00
3	64QAM	8	7	20.42	20.56	20.31	22.00
3	64QAM	15	0	20.35	20.50	20.30	22.00
3	256QAM	1	0	18.58	18.66	18.55	20.00
3	256QAM	1	8	18.50	18.64	18.37	20.00
3	256QAM	1	14	18.59	18.68	18.49	20.00
3	256QAM	8	0	18.33	18.52	18.25	20.00
3	256QAM	8	4	18.35	18.54	18.30	20.00
3	256QAM	8	7	18.48	18.50	18.42	20.00
3	256QAM	15	0	18.41	18.50	18.34	20.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.49	23.62	23.41	25.00
1.4	QPSK	1	3	23.30	23.40	23.14	25.00
1.4	QPSK	1	5	23.40	23.51	23.19	25.00
1.4	QPSK	3	0	23.42	23.55	23.20	25.00
1.4	QPSK	3	1	23.35	23.47	23.35	25.00
1.4	QPSK	3	3	23.41	23.59	23.32	25.00
1.4	QPSK	6	0	22.38	22.60	22.27	24.00
1.4	16QAM	1	0	22.68	22.86	22.56	24.00
1.4	16QAM	1	3	22.49	22.62	22.39	24.00
1.4	16QAM	1	5	22.55	22.73	22.36	24.00
1.4	16QAM	3	0	22.40	22.55	22.23	24.00
1.4	16QAM	3	1	22.31	22.56	22.23	24.00
1.4	16QAM	3	3	22.34	22.47	22.30	24.00
1.4	16QAM	6	0	21.32	21.47	21.27	23.00
1.4	64QAM	1	0	21.61	21.74	21.47	23.00
1.4	64QAM	1	3	21.55	21.61	21.42	23.00
1.4	64QAM	1	5	21.52	21.68	21.49	23.00
1.4	64QAM	3	0	21.46	21.52	21.29	23.00
1.4	64QAM	3	1	21.23	21.48	21.18	23.00
1.4	64QAM	3	3	21.42	21.51	21.31	23.00
1.4	64QAM	6	0	20.43	20.58	20.41	22.00
1.4	256QAM	1	0	18.61	18.66	18.47	20.00
1.4	256QAM	1	3	18.51	18.67	18.44	20.00
1.4	256QAM	1	5	18.49	18.57	18.38	20.00
1.4	256QAM	3	0	18.42	18.49	18.36	20.00
1.4	256QAM	3	1	18.45	18.51	18.24	20.00
1.4	256QAM	3	3	18.36	18.47	18.30	20.00
1.4	256QAM	6	0	18.44	18.57	18.40	20.00

【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	23.74	23.75	23.68	25.50
20	QPSK	1	49	23.61	23.68	23.54	25.50
20	QPSK	1	99	23.44	23.60	23.48	25.50
20	QPSK	50	0	22.61	22.74	22.61	24.50
20	QPSK	50	24	22.56	22.65	22.48	24.50
20	QPSK	50	50	22.59	22.73	22.59	24.50
20	QPSK	100	0	22.56	22.68	22.47	24.50
20	16QAM	1	0	22.68	22.74	22.60	24.50
20	16QAM	1	49	22.60	22.70	22.48	24.50
20	16QAM	1	99	22.59	22.61	22.49	24.50
20	16QAM	50	0	21.55	21.65	21.52	23.50
20	16QAM	50	24	21.53	21.64	21.54	23.50
20	16QAM	50	50	21.59	21.73	21.53	23.50
20	16QAM	100	0	21.72	21.76	21.63	23.50
20	64QAM	1	0	21.71	21.78	21.70	23.50
20	64QAM	1	49	21.49	21.65	21.55	23.50
20	64QAM	1	99	21.47	21.58	21.41	23.50
20	64QAM	50	0	20.62	20.74	20.58	22.50
20	64QAM	50	24	20.66	20.75	20.67	22.50
20	64QAM	50	50	20.61	20.76	20.57	22.50
20	64QAM	100	0	20.55	20.70	20.51	22.50
20	256QAM	1	0	18.48	18.55	18.44	20.50
20	256QAM	1	49	18.40	18.55	18.35	20.50
20	256QAM	1	99	18.51	18.58	18.39	20.50
20	256QAM	50	0	18.63	18.68	18.54	20.50
20	256QAM	50	24	18.70	18.74	18.62	20.50
20	256QAM	50	50	18.70	18.72	18.61	20.50
20	256QAM	100	0	18.60	18.68	18.59	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.71	23.72	23.60	25.50
15	QPSK	1	37	23.51	23.56	23.45	25.50
15	QPSK	1	74	23.32	23.58	23.45	25.50
15	QPSK	36	0	22.53	22.71	22.52	24.50
15	QPSK	36	20	22.41	22.57	22.41	24.50
15	QPSK	36	39	22.56	22.72	22.53	24.50
15	QPSK	75	0	22.52	22.60	22.40	24.50



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15	16QAM	1	0	22.57	22.71	22.52	24.50
15	16QAM	1	37	22.49	22.64	22.47	24.50
15	16QAM	1	74	22.55	22.49	22.37	24.50
15	16QAM	36	0	21.44	21.53	21.45	23.50
15	16QAM	36	20	21.44	21.49	21.41	23.50
15	16QAM	36	39	21.53	21.62	21.47	23.50
15	16QAM	75	0	21.64	21.66	21.53	23.50
15	64QAM	1	0	21.60	21.72	21.61	23.50
15	64QAM	1	37	21.36	21.60	21.54	23.50
15	64QAM	1	74	21.32	21.52	21.28	23.50
15	64QAM	36	0	20.48	20.66	20.55	22.50
15	64QAM	36	20	20.63	20.63	20.58	22.50
15	64QAM	36	39	20.59	20.64	20.53	22.50
15	64QAM	75	0	20.46	20.62	20.43	22.50
15	256QAM	1	0	18.38	18.43	18.32	20.50
15	256QAM	1	37	18.26	18.43	18.20	20.50
15	256QAM	1	74	18.42	18.52	18.35	20.50
15	256QAM	36	0	18.50	18.61	18.49	20.50
15	256QAM	36	20	18.69	18.70	18.56	20.50
15	256QAM	36	39	18.63	18.62	18.56	20.50
15	256QAM	75	0	18.55	18.55	18.53	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.70	23.64	23.67	25.50
10	QPSK	1	25	23.47	23.56	23.53	25.50
10	QPSK	1	49	23.36	23.48	23.37	25.50
10	QPSK	25	0	22.59	22.69	22.48	24.50
10	QPSK	25	12	22.53	22.63	22.36	24.50
10	QPSK	25	25	22.55	22.63	22.53	24.50
10	QPSK	50	0	22.43	22.66	22.44	24.50
10	16QAM	1	0	22.54	22.62	22.46	24.50
10	16QAM	1	25	22.56	22.56	22.44	24.50
10	16QAM	1	49	22.45	22.47	22.39	24.50
10	16QAM	25	0	21.43	21.55	21.38	23.50
10	16QAM	25	12	21.39	21.54	21.47	23.50
10	16QAM	25	25	21.49	21.67	21.45	23.50
10	16QAM	50	0	21.62	21.75	21.54	23.50
10	64QAM	1	0	21.62	21.71	21.64	23.50
10	64QAM	1	25	21.35	21.59	21.53	23.50
10	64QAM	1	49	21.43	21.50	21.35	23.50
10	64QAM	25	0	20.51	20.65	20.47	22.50
10	64QAM	25	12	20.59	20.73	20.53	22.50
10	64QAM	25	25	20.53	20.67	20.46	22.50
10	64QAM	50	0	20.46	20.59	20.41	22.50
10	256QAM	1	0	18.43	18.52	18.37	20.50
10	256QAM	1	25	18.34	18.47	18.30	20.50
10	256QAM	1	49	18.39	18.56	18.34	20.50
10	256QAM	25	0	18.60	18.59	18.45	20.50
10	256QAM	25	12	18.57	18.60	18.50	20.50
10	256QAM	25	25	18.66	18.66	18.58	20.50
10	256QAM	50	0	18.55	18.59	18.48	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.68	23.72	23.63	25.50
5	QPSK	1	12	23.50	23.57	23.39	25.50
5	QPSK	1	24	23.36	23.57	23.41	25.50
5	QPSK	12	0	22.58	22.68	22.48	24.50
5	QPSK	12	7	22.51	22.57	22.40	24.50
5	QPSK	12	13	22.53	22.67	22.57	24.50
5	QPSK	25	0	22.52	22.66	22.43	24.50
5	16QAM	1	0	22.61	22.70	22.59	24.50
5	16QAM	1	12	22.59	22.69	22.44	24.50
5	16QAM	1	24	22.57	22.56	22.38	24.50
5	16QAM	12	0	21.40	21.51	21.39	23.50
5	16QAM	12	7	21.46	21.52	21.49	23.50
5	16QAM	12	13	21.46	21.59	21.42	23.50
5	16QAM	25	0	21.60	21.73	21.50	23.50
5	64QAM	1	0	21.57	21.76	21.67	23.50
5	64QAM	1	12	21.39	21.50	21.48	23.50
5	64QAM	1	24	21.45	21.48	21.30	23.50
5	64QAM	12	0	20.53	20.60	20.52	22.50
5	64QAM	12	7	20.54	20.71	20.62	22.50
5	64QAM	12	13	20.50	20.73	20.43	22.50
5	64QAM	25	0	20.46	20.66	20.48	22.50
5	256QAM	1	0	18.33	18.53	18.39	20.50
5	256QAM	1	12	18.35	18.44	18.30	20.50
5	256QAM	1	24	18.39	18.49	18.36	20.50
5	256QAM	12	0	18.57	18.58	18.49	20.50



5	256QAM	12	7	18.68	18.64	18.59	20.50
5	256QAM	12	13	18.67	18.59	18.53	20.50
5	256QAM	25	0	18.53	18.62	18.44	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.70	23.72	23.58	25.50
3	QPSK	1	8	23.57	23.61	23.51	25.50
3	QPSK	1	14	23.42	23.57	23.33	25.50
3	QPSK	8	0	22.55	22.64	22.57	24.50
3	QPSK	8	4	22.48	22.59	22.40	24.50
3	QPSK	8	7	22.52	22.69	22.52	24.50
3	QPSK	15	0	22.48	22.59	22.33	24.50
3	16QAM	1	0	22.64	22.61	22.45	24.50
3	16QAM	1	8	22.56	22.62	22.40	24.50
3	16QAM	1	14	22.46	22.56	22.47	24.50
3	16QAM	8	0	21.43	21.55	21.50	23.50
3	16QAM	8	4	21.42	21.57	21.41	23.50
3	16QAM	8	7	21.56	21.58	21.48	23.50
3	16QAM	15	0	21.63	21.63	21.52	23.50
3	64QAM	1	0	21.61	21.69	21.61	23.50
3	64QAM	1	8	21.42	21.60	21.52	23.50
3	64QAM	1	14	21.40	21.50	21.28	23.50
3	64QAM	8	0	20.56	20.61	20.56	22.50
3	64QAM	8	4	20.60	20.70	20.55	22.50
3	64QAM	8	7	20.58	20.63	20.45	22.50
3	64QAM	15	0	20.51	20.69	20.49	22.50
3	256QAM	1	0	18.45	18.47	18.42	20.50
3	256QAM	1	8	18.32	18.52	18.31	20.50
3	256QAM	1	14	18.50	18.53	18.35	20.50
3	256QAM	8	0	18.59	18.60	18.47	20.50
3	256QAM	8	4	18.61	18.69	18.54	20.50
3	256QAM	8	7	18.56	18.69	18.52	20.50
3	256QAM	15	0	18.55	18.66	18.55	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.67	23.65	23.58	25.50
1.4	QPSK	1	3	23.50	23.62	23.42	25.50
1.4	QPSK	1	5	23.33	23.51	23.35	25.50
1.4	QPSK	3	0	23.58	23.68	23.59	25.50
1.4	QPSK	3	1	23.47	23.63	23.45	25.50
1.4	QPSK	3	3	23.55	23.64	23.57	25.50
1.4	QPSK	6	0	22.49	22.55	22.40	24.50
1.4	16QAM	1	0	22.62	22.66	22.46	24.50
1.4	16QAM	1	3	22.49	22.66	22.34	24.50
1.4	16QAM	1	5	22.45	22.47	22.42	24.50
1.4	16QAM	3	0	22.46	22.55	22.46	24.50
1.4	16QAM	3	1	22.42	22.55	22.47	24.50
1.4	16QAM	3	3	22.55	22.60	22.47	24.50
1.4	16QAM	6	0	21.59	21.62	21.51	23.50
1.4	64QAM	1	0	21.66	21.67	21.63	23.50
1.4	64QAM	1	3	21.39	21.51	21.54	23.50
1.4	64QAM	1	5	21.36	21.46	21.38	23.50
1.4	64QAM	3	0	21.56	21.61	21.56	23.50
1.4	64QAM	3	1	21.65	21.67	21.62	23.50
1.4	64QAM	3	3	21.55	21.74	21.44	23.50
1.4	64QAM	6	0	20.52	20.66	20.48	22.50
1.4	256QAM	1	0	18.45	18.42	18.42	20.50
1.4	256QAM	1	3	18.27	18.51	18.24	20.50
1.4	256QAM	1	5	18.48	18.44	18.30	20.50
1.4	256QAM	3	0	18.53	18.64	18.52	20.50
1.4	256QAM	3	1	18.60	18.63	18.53	20.50
1.4	256QAM	3	3	18.57	18.68	18.56	20.50
1.4	256QAM	6	0	18.54	18.62	18.47	20.50



【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	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.93	23.97	23.82	25.50
20	QPSK	1	49	23.62	23.75	23.47	25.50
20	QPSK	1	99	23.65	23.81	23.51	25.50
20	QPSK	50	0	22.72	22.78	22.69	24.50
20	QPSK	50	24	22.70	22.75	22.59	24.50
20	QPSK	50	50	22.66	22.76	22.51	24.50
20	QPSK	100	0	22.72	22.88	22.61	24.50
20	16QAM	1	0	22.66	22.75	22.48	24.50
20	16QAM	1	49	22.77	22.82	22.62	24.50
20	16QAM	1	99	21.67	21.78	21.54	24.50
20	16QAM	50	0	21.70	21.78	21.54	23.50
20	16QAM	50	24	21.59	21.76	21.50	23.50
20	16QAM	50	50	21.57	21.73	21.49	23.50
20	16QAM	100	0	21.70	21.79	21.56	23.50
20	64QAM	1	0	21.70	21.80	21.63	23.50
20	64QAM	1	49	21.52	21.65	21.47	23.50
20	64QAM	1	99	21.59	21.69	21.49	23.50
20	64QAM	50	0	20.69	20.77	20.52	22.50
20	64QAM	50	24	20.69	20.75	20.53	22.50
20	64QAM	50	50	20.61	20.74	20.51	22.50
20	64QAM	100	0	20.72	20.77	20.61	22.50
20	256QAM	1	0	18.61	18.70	18.56	20.50
20	256QAM	1	49	18.54	18.61	18.36	20.50
20	256QAM	1	99	18.51	18.65	18.50	20.50
20	256QAM	50	0	18.67	18.74	18.50	20.50
20	256QAM	50	24	18.64	18.72	18.57	20.50
20	256QAM	50	50	18.57	18.72	18.58	20.50
20	256QAM	100	0	18.70	18.74	18.61	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.88	23.89	23.81	25.50
15	QPSK	1	37	23.52	23.63	23.34	25.50
15	QPSK	1	74	23.59	23.68	23.42	25.50
15	QPSK	36	0	22.64	22.65	22.43	24.50
15	QPSK	36	20	22.60	22.62	22.46	24.50
15	QPSK	36	39	22.62	22.66	22.44	24.50
15	QPSK	75	0	22.70	22.84	22.48	24.50
15	16QAM	1	0	22.58	22.65	22.34	24.50
15	16QAM	1	37	22.65	22.74	22.52	24.50
15	16QAM	1	74	21.65	21.64	21.51	24.50
15	16QAM	36	0	21.62	21.70	21.43	23.50
15	16QAM	36	20	21.46	21.62	21.39	23.50
15	16QAM	36	39	21.51	21.68	21.43	23.50
15	16QAM	75	0	21.61	21.76	21.53	23.50
15	64QAM	1	0	21.57	21.78	21.49	23.50
15	64QAM	1	37	21.48	21.58	21.44	23.50
15	64QAM	1	74	21.53	21.61	21.47	23.50
15	64QAM	36	0	20.64	20.70	20.38	22.50
15	64QAM	36	20	20.57	20.61	20.51	22.50
15	64QAM	36	39	20.48	20.70	20.48	22.50
15	64QAM	75	0	20.64	20.75	20.53	22.50
15	256QAM	1	0	18.52	18.67	18.47	20.50
15	256QAM	1	37	18.46	18.58	18.35	20.50
15	256QAM	1	74	18.37	18.50	18.40	20.50
15	256QAM	36	0	18.53	18.62	18.45	20.50
15	256QAM	36	20	18.62	18.70	18.52	20.50
15	256QAM	36	39	18.51	18.69	18.49	20.50
15	256QAM	75	0	18.65	18.68	18.47	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.89	23.93	23.74	25.50
10	QPSK	1	25	23.49	23.67	23.45	25.50
10	QPSK	1	49	23.53	23.70	23.49	25.50
10	QPSK	25	0	22.63	22.64	22.46	24.50
10	QPSK	25	12	22.59	22.62	22.48	24.50
10	QPSK	25	25	22.57	22.73	22.43	24.50
10	QPSK	50	0	22.57	22.82	22.51	24.50
10	16QAM	1	0	22.57	22.65	22.42	24.50
10	16QAM	1	25	22.70	22.78	22.55	24.50
10	16QAM	1	49	21.63	21.63	21.52	24.50
10	16QAM	25	0	21.63	21.64	21.53	23.50



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10	16QAM	25	12	21.47	21.67	21.36	23.50
10	16QAM	25	25	21.49	21.66	21.44	23.50
10	16QAM	50	0	21.68	21.77	21.45	23.50
10	64QAM	1	0	21.59	21.65	21.54	23.50
10	64QAM	1	25	21.47	21.59	21.43	23.50
10	64QAM	1	49	21.52	21.57	21.45	23.50
10	64QAM	25	0	20.55	20.69	20.43	22.50
10	64QAM	25	12	20.56	20.61	20.49	22.50
10	64QAM	25	25	20.58	20.70	20.37	22.50
10	64QAM	50	0	20.62	20.70	20.56	22.50
10	256QAM	1	0	18.46	18.65	18.43	20.50
10	256QAM	1	25	18.53	18.53	18.33	20.50
10	256QAM	1	49	18.44	18.59	18.45	20.50
10	256QAM	25	0	18.56	18.66	18.39	20.50
10	256QAM	25	12	18.59	18.63	18.49	20.50
10	256QAM	25	25	18.50	18.69	18.46	20.50
10	256QAM	50	0	18.68	18.66	18.57	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.90	23.84	23.69	25.50
5	QPSK	1	12	23.55	23.69	23.37	25.50
5	QPSK	1	24	23.60	23.75	23.41	25.50
5	QPSK	12	0	22.66	22.64	22.46	24.50
5	QPSK	12	7	22.64	22.60	22.56	24.50
5	QPSK	12	13	22.58	22.65	22.39	24.50
5	QPSK	25	0	22.69	22.82	22.50	24.50
5	16QAM	1	0	22.60	22.66	22.47	24.50
5	16QAM	1	12	22.68	22.74	22.59	24.50
5	16QAM	1	24	21.52	21.71	21.51	24.50
5	16QAM	12	0	21.59	21.70	21.52	23.50
5	16QAM	12	7	21.57	21.73	21.41	23.50
5	16QAM	12	13	21.51	21.69	21.43	23.50
5	16QAM	25	0	21.55	21.67	21.52	23.50
5	64QAM	1	0	21.68	21.68	21.61	23.50
5	64QAM	1	12	21.47	21.50	21.44	23.50
5	64QAM	1	24	21.55	21.66	21.47	23.50
5	64QAM	12	0	20.64	20.65	20.46	22.50
5	64QAM	12	7	20.64	20.62	20.47	22.50
5	64QAM	12	13	20.50	20.69	20.49	22.50
5	64QAM	25	0	20.60	20.74	20.55	22.50
5	256QAM	1	0	18.52	18.68	18.43	20.50
5	256QAM	1	12	18.49	18.59	18.26	20.50
5	256QAM	1	24	18.42	18.57	18.43	20.50
5	256QAM	12	0	18.53	18.73	18.45	20.50
5	256QAM	12	7	18.53	18.69	18.54	20.50
5	256QAM	12	13	18.45	18.59	18.56	20.50
5	256QAM	25	0	18.60	18.64	18.50	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.84	23.92	23.76	25.50
3	QPSK	1	8	23.47	23.60	23.45	25.50
3	QPSK	1	14	23.59	23.77	23.39	25.50
3	QPSK	8	0	22.65	22.77	22.35	24.50
3	QPSK	8	4	22.62	22.67	22.52	24.50
3	QPSK	8	7	22.63	22.72	22.41	24.50
3	QPSK	15	0	22.67	22.87	22.57	24.50
3	16QAM	1	0	22.59	22.68	22.36	24.50
3	16QAM	1	8	22.63	22.72	22.56	24.50
3	16QAM	1	14	21.58	21.71	21.51	24.50
3	16QAM	8	0	21.62	21.65	21.51	23.50
3	16QAM	8	4	21.44	21.72	21.49	23.50
3	16QAM	8	7	21.52	21.60	21.35	23.50
3	16QAM	15	0	21.60	21.66	21.53	23.50
3	64QAM	1	0	21.62	21.77	21.59	23.50
3	64QAM	1	8	21.38	21.59	21.40	23.50
3	64QAM	1	14	21.57	21.54	21.45	23.50
3	64QAM	8	0	20.66	20.68	20.51	22.50
3	64QAM	8	4	20.55	20.68	20.51	22.50
3	64QAM	8	7	20.53	20.60	20.44	22.50
3	64QAM	15	0	20.70	20.67	20.58	22.50
3	256QAM	1	0	18.57	18.64	18.46	20.50
3	256QAM	1	8	18.42	18.56	18.22	20.50
3	256QAM	1	14	18.48	18.61	18.35	20.50
3	256QAM	8	0	18.53	18.61	18.45	20.50
3	256QAM	8	4	18.61	18.63	18.43	20.50
3	256QAM	8	7	18.46	18.64	18.54	20.50
3	256QAM	15	0	18.60	18.69	18.55	20.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.86	23.94	23.77	25.50
1.4	QPSK	1	3	23.59	23.65	23.33	25.50
1.4	QPSK	1	5	23.54	23.68	23.48	25.50
1.4	QPSK	3	0	23.70	23.68	23.36	25.50
1.4	QPSK	3	1	23.57	23.61	23.52	25.50
1.4	QPSK	3	3	23.65	23.64	23.36	25.50
1.4	QPSK	6	0	22.67	22.78	22.57	24.50
1.4	16QAM	1	0	22.63	22.64	22.34	24.50
1.4	16QAM	1	3	22.69	22.72	22.49	24.50
1.4	16QAM	1	5	21.56	21.69	21.51	24.50
1.4	16QAM	3	0	22.57	22.72	22.42	24.50
1.4	16QAM	3	1	22.53	22.62	22.37	24.50
1.4	16QAM	3	3	22.54	22.58	22.40	24.50
1.4	16QAM	6	0	21.65	21.76	21.48	23.50
1.4	64QAM	1	0	21.64	21.65	21.48	23.50
1.4	64QAM	1	3	21.39	21.52	21.37	23.50
1.4	64QAM	1	5	21.45	21.56	21.39	23.50
1.4	64QAM	3	0	21.67	21.75	21.45	23.50
1.4	64QAM	3	1	21.56	21.69	21.42	23.50
1.4	64QAM	3	3	21.52	21.65	21.44	23.50
1.4	64QAM	6	0	20.70	20.66	20.47	22.50
1.4	256QAM	1	0	18.57	18.60	18.44	20.50
1.4	256QAM	1	3	18.48	18.57	18.23	20.50
1.4	256QAM	1	5	18.40	18.61	18.38	20.50
1.4	256QAM	3	0	18.55	18.63	18.46	20.50
1.4	256QAM	3	1	18.61	18.61	18.45	20.50
1.4	256QAM	3	3	18.44	18.59	18.49	20.50
1.4	256QAM	6	0	18.60	18.67	18.50	20.50

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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	23.62	23.69	23.51	25.00
20	QPSK	1	49	23.35	23.48	23.28	25.00
20	QPSK	1	99	23.48	23.56	23.28	25.00
20	QPSK	50	0	22.53	22.65	22.57	24.00
20	QPSK	50	24	22.48	22.59	22.40	24.00
20	QPSK	50	50	22.43	22.62	22.39	24.00
20	QPSK	100	0	22.47	22.63	22.34	24.00
20	16QAM	1	0	22.77	22.93	22.70	24.00
20	16QAM	1	49	22.59	22.76	22.45	24.00
20	16QAM	1	99	22.60	22.82	22.51	24.00
20	16QAM	50	0	21.49	21.58	21.34	23.00
20	16QAM	50	24	21.46	21.59	21.31	23.00
20	16QAM	50	50	21.43	21.60	21.41	23.00
20	16QAM	100	0	21.47	21.61	21.41	23.00
20	64QAM	1	0	21.64	21.84	21.53	23.00
20	64QAM	1	49	21.59	21.75	21.53	23.00
20	64QAM	1	99	21.65	21.82	21.56	23.00
20	64QAM	50	0	20.50	20.60	20.31	22.00
20	64QAM	50	24	20.38	20.59	20.31	22.00
20	64QAM	50	50	20.47	20.62	20.34	22.00
20	64QAM	100	0	20.46	20.63	20.44	22.00
20	256QAM	1	0	18.65	18.77	18.60	20.00
20	256QAM	1	49	18.61	18.70	18.48	20.00
20	256QAM	1	99	18.60	18.72	18.51	20.00
20	256QAM	50	0	18.46	18.58	18.38	20.00
20	256QAM	50	24	18.47	18.59	18.32	20.00
20	256QAM	50	50	18.50	18.61	18.44	20.00
20	256QAM	100	0	18.48	18.60	18.42	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.56	23.57	23.49	25.00
15	QPSK	1	37	23.21	23.43	23.25	25.00
15	QPSK	1	74	23.38	23.45	23.24	25.00
15	QPSK	36	0	22.47	22.59	22.30	24.00
15	QPSK	36	20	22.35	22.47	22.37	24.00
15	QPSK	36	39	22.37	22.59	22.36	24.00
15	QPSK	75	0	22.41	22.53	22.31	24.00



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15	16QAM	1	0	22.68	22.81	22.62	24.00
15	16QAM	1	37	22.44	22.75	22.39	24.00
15	16QAM	1	74	22.57	22.76	22.37	24.00
15	16QAM	36	0	21.34	21.46	21.24	23.00
15	16QAM	36	20	21.38	21.51	21.21	23.00
15	16QAM	36	39	21.31	21.53	21.35	23.00
15	16QAM	75	0	21.38	21.51	21.38	23.00
15	64QAM	1	0	21.59	21.79	21.47	23.00
15	64QAM	1	37	21.51	21.61	21.44	23.00
15	64QAM	1	74	21.55	21.73	21.47	23.00
15	64QAM	36	0	20.42	20.55	20.20	22.00
15	64QAM	36	20	20.24	20.44	20.24	22.00
15	64QAM	36	39	20.32	20.59	20.31	22.00
15	64QAM	75	0	20.39	20.53	20.42	22.00
15	256QAM	1	0	18.61	18.63	18.49	20.00
15	256QAM	1	37	18.54	18.64	18.35	20.00
15	256QAM	1	74	18.57	18.58	18.40	20.00
15	256QAM	36	0	18.42	18.49	18.31	20.00
15	256QAM	36	20	18.37	18.52	18.29	20.00
15	256QAM	36	39	18.41	18.54	18.35	20.00
15	256QAM	75	0	18.38	18.48	18.29	20.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.57	23.63	23.37	25.00
10	QPSK	1	25	23.20	23.43	23.19	25.00
10	QPSK	1	49	23.40	23.44	23.17	25.00
10	QPSK	25	0	22.48	22.56	22.29	24.00
10	QPSK	25	12	22.35	22.55	22.34	24.00
10	QPSK	25	25	22.32	22.61	22.37	24.00
10	QPSK	50	0	22.43	22.53	22.23	24.00
10	16QAM	1	0	22.75	22.87	22.64	24.00
10	16QAM	1	25	22.50	22.64	22.34	24.00
10	16QAM	1	49	22.57	22.76	22.44	24.00
10	16QAM	25	0	21.35	21.45	21.26	23.00
10	16QAM	25	12	21.42	21.48	21.23	23.00
10	16QAM	25	25	21.28	21.48	21.32	23.00
10	16QAM	50	0	21.40	21.49	21.30	23.00
10	64QAM	1	0	21.56	21.77	21.42	23.00
10	64QAM	1	25	21.50	21.64	21.50	23.00
10	64QAM	1	49	21.60	21.76	21.53	23.00
10	64QAM	25	0	20.45	20.56	20.25	22.00
10	64QAM	25	12	20.35	20.55	20.29	22.00
10	64QAM	25	25	20.34	20.57	20.22	22.00
10	64QAM	50	0	20.39	20.55	20.33	22.00
10	256QAM	1	0	18.52	18.68	18.52	20.00
10	256QAM	1	25	18.53	18.62	18.34	20.00
10	256QAM	1	49	18.57	18.68	18.40	20.00
10	256QAM	25	0	18.34	18.56	18.28	20.00
10	256QAM	25	12	18.35	18.47	18.20	20.00
10	256QAM	25	25	18.40	18.52	18.34	20.00
10	256QAM	50	0	18.36	18.48	18.30	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.49	23.64	23.46	25.00
5	QPSK	1	12	23.26	23.40	23.26	25.00
5	QPSK	1	24	23.43	23.48	23.25	25.00
5	QPSK	12	0	22.42	22.57	22.27	24.00
5	QPSK	12	7	22.38	22.57	22.39	24.00
5	QPSK	12	13	22.32	22.60	22.34	24.00
5	QPSK	25	0	22.44	22.49	22.31	24.00
5	16QAM	1	0	22.67	22.82	22.65	24.00
5	16QAM	1	12	22.57	22.72	22.44	24.00
5	16QAM	1	24	22.55	22.76	22.42	24.00
5	16QAM	12	0	21.36	21.46	21.31	23.00
5	16QAM	12	7	21.37	21.47	21.19	23.00
5	16QAM	12	13	21.36	21.45	21.38	23.00
5	16QAM	25	0	21.35	21.55	21.27	23.00
5	64QAM	1	0	21.57	21.70	21.49	23.00
5	64QAM	1	12	21.56	21.72	21.40	23.00
5	64QAM	1	24	21.51	21.68	21.54	23.00
5	64QAM	12	0	20.38	20.59	20.26	22.00
5	64QAM	12	7	20.26	20.55	20.28	22.00
5	64QAM	12	13	20.32	20.57	20.24	22.00
5	64QAM	25	0	20.32	20.49	20.40	22.00
5	256QAM	1	0	18.62	18.73	18.53	20.00
5	256QAM	1	12	18.47	18.66	18.40	20.00
5	256QAM	1	24	18.57	18.60	18.44	20.00
5	256QAM	12	0	18.42	18.53	18.23	20.00



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5	256QAM	12	7	18.38	18.52	18.26	20.00
5	256QAM	12	13	18.37	18.47	18.37	20.00
5	256QAM	25	0	18.38	18.58	18.32	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.50	23.62	23.44	25.00
3	QPSK	1	8	23.20	23.38	23.20	25.00
3	QPSK	1	14	23.41	23.48	23.25	25.00
3	QPSK	8	0	22.49	22.51	22.28	24.00
3	QPSK	8	4	22.39	22.53	22.37	24.00
3	QPSK	8	7	22.34	22.57	22.28	24.00
3	QPSK	15	0	22.44	22.55	22.25	24.00
3	16QAM	1	0	22.67	22.81	22.60	24.00
3	16QAM	1	8	22.54	22.71	22.38	24.00
3	16QAM	1	14	22.59	22.73	22.49	24.00
3	16QAM	8	0	21.35	21.43	21.23	23.00
3	16QAM	8	4	21.33	21.56	21.21	23.00
3	16QAM	8	7	21.28	21.48	21.31	23.00
3	16QAM	15	0	21.38	21.48	21.26	23.00
3	64QAM	1	0	21.53	21.69	21.50	23.00
3	64QAM	1	8	21.49	21.61	21.44	23.00
3	64QAM	1	14	21.62	21.77	21.54	23.00
3	64QAM	8	0	20.41	20.52	20.17	22.00
3	64QAM	8	4	20.32	20.54	20.23	22.00
3	64QAM	8	7	20.42	20.56	20.31	22.00
3	64QAM	15	0	20.35	20.50	20.30	22.00
3	256QAM	1	0	18.58	18.66	18.55	20.00
3	256QAM	1	8	18.50	18.64	18.37	20.00
3	256QAM	1	14	18.59	18.68	18.49	20.00
3	256QAM	8	0	18.33	18.52	18.25	20.00
3	256QAM	8	4	18.35	18.54	18.30	20.00
3	256QAM	8	7	18.48	18.50	18.42	20.00
3	256QAM	15	0	18.41	18.50	18.34	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.49	23.62	23.41	25.00
1.4	QPSK	1	3	23.30	23.40	23.14	25.00
1.4	QPSK	1	5	23.40	23.51	23.19	25.00
1.4	QPSK	3	0	23.42	23.55	23.20	25.00
1.4	QPSK	3	1	23.35	23.47	23.35	25.00
1.4	QPSK	3	3	23.41	23.59	23.32	25.00
1.4	QPSK	6	0	22.38	22.60	22.27	24.00
1.4	16QAM	1	0	22.68	22.86	22.56	24.00
1.4	16QAM	1	3	22.49	22.62	22.39	24.00
1.4	16QAM	1	5	22.55	22.73	22.36	24.00
1.4	16QAM	3	0	22.40	22.55	22.23	24.00
1.4	16QAM	3	1	22.31	22.56	22.23	24.00
1.4	16QAM	3	3	22.34	22.47	22.30	24.00
1.4	16QAM	6	0	21.32	21.47	21.27	23.00
1.4	64QAM	1	0	21.61	21.74	21.47	23.00
1.4	64QAM	1	3	21.55	21.61	21.42	23.00
1.4	64QAM	1	5	21.52	21.68	21.49	23.00
1.4	64QAM	3	0	21.46	21.52	21.29	23.00
1.4	64QAM	3	1	21.23	21.48	21.18	23.00
1.4	64QAM	3	3	21.42	21.51	21.31	23.00
1.4	64QAM	6	0	20.43	20.58	20.41	22.00
1.4	256QAM	1	0	18.61	18.66	18.47	20.00
1.4	256QAM	1	3	18.51	18.67	18.44	20.00
1.4	256QAM	1	5	18.49	18.57	18.38	20.00
1.4	256QAM	3	0	18.42	18.49	18.36	20.00
1.4	256QAM	3	1	18.45	18.51	18.24	20.00
1.4	256QAM	3	3	18.36	18.47	18.30	20.00
1.4	256QAM	6	0	18.44	18.57	18.40	20.00



【LTE Band 2_Ant 4_ECI1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.74	23.75	23.68	25.50
20	QPSK	1	49	23.61	23.68	23.54	25.50
20	QPSK	1	99	23.44	23.60	23.48	25.50
20	QPSK	50	0	22.61	22.74	22.61	24.50
20	QPSK	50	24	22.56	22.65	22.48	24.50
20	QPSK	50	50	22.59	22.73	22.59	24.50
20	QPSK	100	0	22.56	22.68	22.47	24.50
20	16QAM	1	0	22.68	22.74	22.60	24.50
20	16QAM	1	49	22.60	22.70	22.48	24.50
20	16QAM	1	99	22.59	22.61	22.49	24.50
20	16QAM	50	0	21.55	21.65	21.52	23.50
20	16QAM	50	24	21.53	21.64	21.54	23.50
20	16QAM	50	50	21.59	21.73	21.53	23.50
20	16QAM	100	0	21.72	21.76	21.63	23.50
20	64QAM	1	0	21.71	21.78	21.70	23.50
20	64QAM	1	49	21.49	21.65	21.55	23.50
20	64QAM	1	99	21.47	21.58	21.41	23.50
20	64QAM	50	0	20.62	20.74	20.58	22.50
20	64QAM	50	24	20.66	20.75	20.67	22.50
20	64QAM	50	50	20.61	20.76	20.57	22.50
20	64QAM	100	0	20.55	20.70	20.51	22.50
20	256QAM	1	0	18.48	18.55	18.44	20.50
20	256QAM	1	49	18.40	18.55	18.35	20.50
20	256QAM	1	99	18.51	18.58	18.39	20.50
20	256QAM	50	0	18.63	18.68	18.54	20.50
20	256QAM	50	24	18.70	18.74	18.62	20.50
20	256QAM	50	50	18.70	18.72	18.61	20.50
20	256QAM	100	0	18.60	18.68	18.59	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.71	23.72	23.60	25.50
15	QPSK	1	37	23.51	23.56	23.45	25.50
15	QPSK	1	74	23.32	23.58	23.45	25.50
15	QPSK	36	0	22.53	22.71	22.52	24.50
15	QPSK	36	20	22.41	22.57	22.41	24.50
15	QPSK	36	39	22.56	22.72	22.53	24.50
15	QPSK	75	0	22.52	22.60	22.40	24.50
15	16QAM	1	0	22.57	22.71	22.52	24.50
15	16QAM	1	37	22.49	22.64	22.47	24.50
15	16QAM	1	74	22.55	22.49	22.37	24.50
15	16QAM	36	0	21.44	21.53	21.45	23.50
15	16QAM	36	20	21.44	21.49	21.41	23.50
15	16QAM	36	39	21.53	21.62	21.47	23.50
15	16QAM	75	0	21.64	21.66	21.53	23.50
15	64QAM	1	0	21.60	21.72	21.61	23.50
15	64QAM	1	37	21.36	21.60	21.54	23.50
15	64QAM	1	74	21.32	21.52	21.28	23.50
15	64QAM	36	0	20.48	20.66	20.55	22.50
15	64QAM	36	20	20.63	20.63	20.58	22.50
15	64QAM	36	39	20.59	20.64	20.53	22.50
15	64QAM	75	0	20.46	20.62	20.43	22.50
15	256QAM	1	0	18.38	18.43	18.32	20.50
15	256QAM	1	37	18.26	18.43	18.20	20.50
15	256QAM	1	74	18.42	18.52	18.35	20.50
15	256QAM	36	0	18.50	18.61	18.49	20.50
15	256QAM	36	20	18.69	18.70	18.56	20.50
15	256QAM	36	39	18.63	18.62	18.56	20.50
15	256QAM	75	0	18.55	18.55	18.53	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.70	23.64	23.67	25.50
10	QPSK	1	25	23.47	23.56	23.53	25.50
10	QPSK	1	49	23.36	23.48	23.37	25.50
10	QPSK	25	0	22.59	22.69	22.48	24.50
10	QPSK	25	12	22.53	22.63	22.36	24.50
10	QPSK	25	25	22.55	22.63	22.53	24.50
10	QPSK	50	0	22.43	22.66	22.44	24.50
10	16QAM	1	0	22.54	22.62	22.46	24.50
10	16QAM	1	25	22.56	22.56	22.44	24.50
10	16QAM	1	49	22.45	22.47	22.39	24.50
10	16QAM	25	0	21.43	21.55	21.38	23.50



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10	16QAM	25	12	21.39	21.54	21.47	23.50
10	16QAM	25	25	21.49	21.67	21.45	23.50
10	16QAM	50	0	21.62	21.75	21.54	23.50
10	64QAM	1	0	21.62	21.71	21.64	23.50
10	64QAM	1	25	21.35	21.59	21.53	23.50
10	64QAM	1	49	21.43	21.50	21.35	23.50
10	64QAM	25	0	20.51	20.65	20.47	22.50
10	64QAM	25	12	20.59	20.73	20.53	22.50
10	64QAM	25	25	20.53	20.67	20.46	22.50
10	64QAM	50	0	20.46	20.59	20.41	22.50
10	256QAM	1	0	18.43	18.52	18.37	20.50
10	256QAM	1	25	18.34	18.47	18.30	20.50
10	256QAM	1	49	18.39	18.56	18.34	20.50
10	256QAM	25	0	18.60	18.59	18.45	20.50
10	256QAM	25	12	18.57	18.60	18.50	20.50
10	256QAM	25	25	18.66	18.66	18.58	20.50
10	256QAM	50	0	18.55	18.59	18.48	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.68	23.72	23.63	25.50
5	QPSK	1	12	23.50	23.57	23.39	25.50
5	QPSK	1	24	23.36	23.57	23.41	25.50
5	QPSK	12	0	22.58	22.68	22.48	24.50
5	QPSK	12	7	22.51	22.57	22.40	24.50
5	QPSK	12	13	22.53	22.67	22.57	24.50
5	QPSK	25	0	22.52	22.66	22.43	24.50
5	16QAM	1	0	22.61	22.70	22.59	24.50
5	16QAM	1	12	22.59	22.69	22.44	24.50
5	16QAM	1	24	22.57	22.56	22.38	24.50
5	16QAM	12	0	21.40	21.51	21.39	23.50
5	16QAM	12	7	21.46	21.52	21.49	23.50
5	16QAM	12	13	21.46	21.59	21.42	23.50
5	16QAM	25	0	21.60	21.73	21.50	23.50
5	64QAM	1	0	21.57	21.76	21.67	23.50
5	64QAM	1	12	21.39	21.50	21.48	23.50
5	64QAM	1	24	21.45	21.48	21.30	23.50
5	64QAM	12	0	20.53	20.60	20.52	22.50
5	64QAM	12	7	20.54	20.71	20.62	22.50
5	64QAM	12	13	20.50	20.73	20.43	22.50
5	64QAM	25	0	20.46	20.66	20.48	22.50
5	256QAM	1	0	18.33	18.53	18.39	20.50
5	256QAM	1	12	18.35	18.44	18.30	20.50
5	256QAM	1	24	18.39	18.49	18.36	20.50
5	256QAM	12	0	18.57	18.58	18.49	20.50
5	256QAM	12	7	18.68	18.64	18.59	20.50
5	256QAM	12	13	18.67	18.59	18.53	20.50
5	256QAM	25	0	18.53	18.62	18.44	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.70	23.72	23.58	25.50
3	QPSK	1	8	23.57	23.61	23.51	25.50
3	QPSK	1	14	23.42	23.57	23.33	25.50
3	QPSK	8	0	22.55	22.64	22.57	24.50
3	QPSK	8	4	22.48	22.59	22.40	24.50
3	QPSK	8	7	22.52	22.69	22.52	24.50
3	QPSK	15	0	22.48	22.59	22.33	24.50
3	16QAM	1	0	22.64	22.61	22.45	24.50
3	16QAM	1	8	22.56	22.62	22.40	24.50
3	16QAM	1	14	22.46	22.56	22.47	24.50
3	16QAM	8	0	21.43	21.55	21.50	23.50
3	16QAM	8	4	21.42	21.57	21.41	23.50
3	16QAM	8	7	21.56	21.58	21.48	23.50
3	16QAM	15	0	21.63	21.63	21.52	23.50
3	64QAM	1	0	21.61	21.69	21.61	23.50
3	64QAM	1	8	21.42	21.60	21.52	23.50
3	64QAM	1	14	21.40	21.50	21.28	23.50
3	64QAM	8	0	20.56	20.61	20.56	22.50
3	64QAM	8	4	20.60	20.70	20.55	22.50
3	64QAM	8	7	20.58	20.63	20.45	22.50
3	64QAM	15	0	20.51	20.69	20.49	22.50
3	256QAM	1	0	18.45	18.47	18.42	20.50
3	256QAM	1	8	18.32	18.52	18.31	20.50
3	256QAM	1	14	18.50	18.53	18.35	20.50
3	256QAM	8	0	18.59	18.60	18.47	20.50
3	256QAM	8	4	18.61	18.69	18.54	20.50
3	256QAM	8	7	18.56	18.69	18.52	20.50
3	256QAM	15	0	18.55	18.66	18.55	20.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.67	23.65	23.58	25.50
1.4	QPSK	1	3	23.50	23.62	23.42	25.50
1.4	QPSK	1	5	23.33	23.51	23.35	25.50
1.4	QPSK	3	0	23.58	23.68	23.59	25.50
1.4	QPSK	3	1	23.47	23.63	23.45	25.50
1.4	QPSK	3	3	23.55	23.64	23.57	25.50
1.4	QPSK	6	0	22.49	22.55	22.40	24.50
1.4	16QAM	1	0	22.62	22.66	22.46	24.50
1.4	16QAM	1	3	22.49	22.66	22.34	24.50
1.4	16QAM	1	5	22.45	22.47	22.42	24.50
1.4	16QAM	3	0	22.46	22.55	22.46	24.50
1.4	16QAM	3	1	22.42	22.55	22.47	24.50
1.4	16QAM	3	3	22.55	22.60	22.47	24.50
1.4	16QAM	6	0	21.59	21.62	21.51	23.50
1.4	64QAM	1	0	21.66	21.67	21.63	23.50
1.4	64QAM	1	3	21.39	21.51	21.54	23.50
1.4	64QAM	1	5	21.36	21.46	21.38	23.50
1.4	64QAM	3	0	21.56	21.61	21.56	23.50
1.4	64QAM	3	1	21.65	21.67	21.62	23.50
1.4	64QAM	3	3	21.55	21.74	21.44	23.50
1.4	64QAM	6	0	20.52	20.66	20.48	22.50
1.4	256QAM	1	0	18.45	18.42	18.42	20.50
1.4	256QAM	1	3	18.27	18.51	18.24	20.50
1.4	256QAM	1	5	18.48	18.44	18.30	20.50
1.4	256QAM	3	0	18.53	18.64	18.52	20.50
1.4	256QAM	3	1	18.60	18.63	18.53	20.50
1.4	256QAM	3	3	18.57	18.68	18.56	20.50
1.4	256QAM	6	0	18.54	18.62	18.47	20.50

【LTE Band 2_Ant 4_ECI1-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.93	23.97	23.82	25.50
20	QPSK	1	49	23.62	23.75	23.47	25.50
20	QPSK	1	99	23.65	23.81	23.51	25.50
20	QPSK	50	0	22.72	22.78	22.69	24.50
20	QPSK	50	24	22.70	22.75	22.59	24.50
20	QPSK	50	50	22.66	22.76	22.51	24.50
20	QPSK	100	0	22.72	22.88	22.61	24.50
20	16QAM	1	0	22.66	22.75	22.48	24.50
20	16QAM	1	49	22.77	22.82	22.62	24.50
20	16QAM	1	99	21.67	21.78	21.54	24.50
20	16QAM	50	0	21.70	21.78	21.54	23.50
20	16QAM	50	24	21.59	21.76	21.50	23.50
20	16QAM	50	50	21.57	21.73	21.49	23.50
20	16QAM	100	0	21.70	21.79	21.56	23.50
20	64QAM	1	0	21.70	21.80	21.63	23.50
20	64QAM	1	49	21.52	21.65	21.47	23.50
20	64QAM	1	99	21.59	21.69	21.49	23.50
20	64QAM	50	0	20.69	20.77	20.52	22.50
20	64QAM	50	24	20.69	20.75	20.53	22.50
20	64QAM	50	50	20.61	20.74	20.51	22.50
20	64QAM	100	0	20.72	20.77	20.61	22.50
20	256QAM	1	0	18.61	18.70	18.56	20.50
20	256QAM	1	49	18.54	18.61	18.36	20.50
20	256QAM	1	99	18.51	18.65	18.50	20.50
20	256QAM	50	0	18.67	18.74	18.50	20.50
20	256QAM	50	24	18.64	18.72	18.57	20.50
20	256QAM	50	50	18.57	18.72	18.58	20.50
20	256QAM	100	0	18.70	18.74	18.61	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.88	23.89	23.81	25.50
15	QPSK	1	37	23.52	23.63	23.34	25.50
15	QPSK	1	74	23.59	23.68	23.42	25.50
15	QPSK	36	0	22.64	22.65	22.43	24.50
15	QPSK	36	20	22.60	22.62	22.46	24.50
15	QPSK	36	39	22.62	22.66	22.44	24.50
15	QPSK	75	0	22.70	22.84	22.48	24.50



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15	16QAM	1	0	22.58	22.65	22.34	24.50
15	16QAM	1	37	22.65	22.74	22.52	24.50
15	16QAM	1	74	21.65	21.64	21.51	24.50
15	16QAM	36	0	21.62	21.70	21.43	23.50
15	16QAM	36	20	21.46	21.62	21.39	23.50
15	16QAM	36	39	21.51	21.68	21.43	23.50
15	16QAM	75	0	21.61	21.76	21.53	23.50
15	64QAM	1	0	21.57	21.78	21.49	23.50
15	64QAM	1	37	21.48	21.58	21.44	23.50
15	64QAM	1	74	21.53	21.61	21.47	23.50
15	64QAM	36	0	20.64	20.70	20.38	22.50
15	64QAM	36	20	20.57	20.61	20.51	22.50
15	64QAM	36	39	20.48	20.70	20.48	22.50
15	64QAM	75	0	20.64	20.75	20.53	22.50
15	256QAM	1	0	18.52	18.67	18.47	20.50
15	256QAM	1	37	18.46	18.58	18.35	20.50
15	256QAM	1	74	18.37	18.50	18.40	20.50
15	256QAM	36	0	18.53	18.62	18.45	20.50
15	256QAM	36	20	18.62	18.70	18.52	20.50
15	256QAM	36	39	18.51	18.69	18.49	20.50
15	256QAM	75	0	18.65	18.68	18.47	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.89	23.93	23.74	25.50
10	QPSK	1	25	23.49	23.67	23.45	25.50
10	QPSK	1	49	23.53	23.70	23.49	25.50
10	QPSK	25	0	22.63	22.64	22.46	24.50
10	QPSK	25	12	22.59	22.62	22.48	24.50
10	QPSK	25	25	22.57	22.73	22.43	24.50
10	QPSK	50	0	22.57	22.82	22.51	24.50
10	16QAM	1	0	22.57	22.65	22.42	24.50
10	16QAM	1	25	22.70	22.78	22.55	24.50
10	16QAM	1	49	21.63	21.63	21.52	24.50
10	16QAM	25	0	21.63	21.64	21.53	23.50
10	16QAM	25	12	21.47	21.67	21.36	23.50
10	16QAM	25	25	21.49	21.66	21.44	23.50
10	16QAM	50	0	21.68	21.77	21.45	23.50
10	64QAM	1	0	21.59	21.65	21.54	23.50
10	64QAM	1	25	21.47	21.59	21.43	23.50
10	64QAM	1	49	21.52	21.57	21.45	23.50
10	64QAM	25	0	20.55	20.69	20.43	22.50
10	64QAM	25	12	20.56	20.61	20.49	22.50
10	64QAM	25	25	20.58	20.70	20.37	22.50
10	64QAM	50	0	20.62	20.70	20.56	22.50
10	256QAM	1	0	18.46	18.65	18.43	20.50
10	256QAM	1	25	18.53	18.53	18.33	20.50
10	256QAM	1	49	18.44	18.59	18.45	20.50
10	256QAM	25	0	18.56	18.66	18.39	20.50
10	256QAM	25	12	18.59	18.63	18.49	20.50
10	256QAM	25	25	18.50	18.69	18.46	20.50
10	256QAM	50	0	18.68	18.66	18.57	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.90	23.84	23.69	25.50
5	QPSK	1	12	23.55	23.69	23.37	25.50
5	QPSK	1	24	23.60	23.75	23.41	25.50
5	QPSK	12	0	22.66	22.64	22.46	24.50
5	QPSK	12	7	22.64	22.60	22.56	24.50
5	QPSK	12	13	22.58	22.65	22.39	24.50
5	QPSK	25	0	22.69	22.82	22.50	24.50
5	16QAM	1	0	22.60	22.66	22.47	24.50
5	16QAM	1	12	22.68	22.74	22.59	24.50
5	16QAM	1	24	21.52	21.71	21.51	24.50
5	16QAM	12	0	21.59	21.70	21.52	23.50
5	16QAM	12	7	21.57	21.73	21.41	23.50
5	16QAM	12	13	21.51	21.69	21.43	23.50
5	16QAM	25	0	21.55	21.67	21.52	23.50
5	64QAM	1	0	21.68	21.68	21.61	23.50
5	64QAM	1	12	21.47	21.50	21.44	23.50
5	64QAM	1	24	21.55	21.66	21.47	23.50
5	64QAM	12	0	20.64	20.65	20.46	22.50
5	64QAM	12	7	20.64	20.62	20.47	22.50
5	64QAM	12	13	20.50	20.69	20.49	22.50
5	64QAM	25	0	20.60	20.74	20.55	22.50
5	256QAM	1	0	18.52	18.68	18.43	20.50
5	256QAM	1	12	18.49	18.59	18.26	20.50
5	256QAM	1	24	18.42	18.57	18.43	20.50
5	256QAM	12	0	18.53	18.73	18.45	20.50



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5	256QAM	12	7	18.53	18.69	18.54	20.50
5	256QAM	12	13	18.45	18.59	18.56	20.50
5	256QAM	25	0	18.60	18.64	18.50	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.84	23.92	23.76	25.50
3	QPSK	1	8	23.47	23.60	23.45	25.50
3	QPSK	1	14	23.59	23.77	23.39	25.50
3	QPSK	8	0	22.65	22.77	22.35	24.50
3	QPSK	8	4	22.62	22.67	22.52	24.50
3	QPSK	8	7	22.63	22.72	22.41	24.50
3	QPSK	15	0	22.67	22.87	22.57	24.50
3	16QAM	1	0	22.59	22.68	22.36	24.50
3	16QAM	1	8	22.63	22.72	22.56	24.50
3	16QAM	1	14	21.58	21.71	21.51	24.50
3	16QAM	8	0	21.62	21.65	21.51	23.50
3	16QAM	8	4	21.44	21.72	21.49	23.50
3	16QAM	8	7	21.52	21.60	21.35	23.50
3	16QAM	15	0	21.60	21.66	21.53	23.50
3	64QAM	1	0	21.62	21.77	21.59	23.50
3	64QAM	1	8	21.38	21.59	21.40	23.50
3	64QAM	1	14	21.57	21.54	21.45	23.50
3	64QAM	8	0	20.66	20.68	20.51	22.50
3	64QAM	8	4	20.55	20.68	20.51	22.50
3	64QAM	8	7	20.53	20.60	20.44	22.50
3	64QAM	15	0	20.70	20.67	20.58	22.50
3	256QAM	1	0	18.57	18.64	18.46	20.50
3	256QAM	1	8	18.42	18.56	18.22	20.50
3	256QAM	1	14	18.48	18.61	18.35	20.50
3	256QAM	8	0	18.53	18.61	18.45	20.50
3	256QAM	8	4	18.61	18.63	18.43	20.50
3	256QAM	8	7	18.46	18.64	18.54	20.50
3	256QAM	15	0	18.60	18.69	18.55	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.86	23.94	23.77	25.50
1.4	QPSK	1	3	23.59	23.65	23.33	25.50
1.4	QPSK	1	5	23.54	23.68	23.48	25.50
1.4	QPSK	3	0	23.70	23.68	23.36	25.50
1.4	QPSK	3	1	23.57	23.61	23.52	25.50
1.4	QPSK	3	3	23.65	23.64	23.36	25.50
1.4	QPSK	6	0	22.67	22.78	22.57	24.50
1.4	16QAM	1	0	22.63	22.64	22.34	24.50
1.4	16QAM	1	3	22.69	22.72	22.49	24.50
1.4	16QAM	1	5	21.56	21.69	21.51	24.50
1.4	16QAM	3	0	22.57	22.72	22.42	24.50
1.4	16QAM	3	1	22.53	22.62	22.37	24.50
1.4	16QAM	3	3	22.54	22.58	22.40	24.50
1.4	16QAM	6	0	21.65	21.76	21.48	23.50
1.4	64QAM	1	0	21.64	21.65	21.48	23.50
1.4	64QAM	1	3	21.39	21.52	21.37	23.50
1.4	64QAM	1	5	21.45	21.56	21.39	23.50
1.4	64QAM	3	0	21.67	21.75	21.45	23.50
1.4	64QAM	3	1	21.56	21.69	21.42	23.50
1.4	64QAM	3	3	21.52	21.65	21.44	23.50
1.4	64QAM	6	0	20.70	20.66	20.47	22.50
1.4	256QAM	1	0	18.57	18.60	18.44	20.50
1.4	256QAM	1	3	18.48	18.57	18.23	20.50
1.4	256QAM	1	5	18.40	18.61	18.38	20.50
1.4	256QAM	3	0	18.55	18.63	18.46	20.50
1.4	256QAM	3	1	18.61	18.61	18.45	20.50
1.4	256QAM	3	3	18.44	18.59	18.49	20.50
1.4	256QAM	6	0	18.60	18.67	18.50	20.50



【LTE Band 2_Ant 4_ECI3】

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	19.56	19.61	19.53	21.00
20	QPSK	1	49	19.32	19.46	19.26	21.00
20	QPSK	1	99	19.35	19.50	19.28	21.00
20	QPSK	50	0	19.46	19.53	19.44	21.00
20	QPSK	50	24	19.42	19.52	19.31	21.00
20	QPSK	50	50	19.37	19.50	19.34	21.00
20	QPSK	100	0	19.37	19.52	19.29	21.00
20	16QAM	1	0	19.35	19.45	19.27	21.00
20	16QAM	1	49	19.38	19.57	19.43	21.00
20	16QAM	1	99	19.31	19.47	19.27	21.00
20	16QAM	50	0	19.37	19.57	19.46	21.00
20	16QAM	50	24	19.30	19.49	19.33	21.00
20	16QAM	50	50	19.37	19.52	19.39	21.00
20	16QAM	100	0	19.36	19.48	19.25	21.00
20	64QAM	1	0	19.35	19.52	19.34	21.00
20	64QAM	1	49	19.33	19.46	19.29	21.00
20	64QAM	1	99	19.30	19.44	19.29	21.00
20	64QAM	50	0	19.40	19.52	19.35	21.00
20	64QAM	50	24	19.36	19.52	19.32	21.00
20	64QAM	50	50	19.46	19.53	19.32	21.00
20	64QAM	100	0	19.32	19.49	19.34	21.00
20	256QAM	1	0	19.32	19.52	19.32	20.00
20	256QAM	1	49	19.47	19.55	19.38	20.00
20	256QAM	1	99	19.37	19.50	19.39	20.00
20	256QAM	50	0	19.45	19.61	19.47	20.00
20	256QAM	50	24	19.26	19.46	19.31	20.00
20	256QAM	50	50	19.39	19.50	19.34	20.00
20	256QAM	100	0	19.47	19.53	19.42	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.53	19.59	19.47	21.00
15	QPSK	1	37	19.18	19.45	19.12	21.00
15	QPSK	1	74	19.28	19.46	19.25	21.00
15	QPSK	36	0	19.41	19.48	19.35	21.00
15	QPSK	36	20	19.28	19.48	19.29	21.00
15	QPSK	36	39	19.34	19.44	19.30	21.00
15	QPSK	75	0	19.35	19.47	19.20	21.00
15	16QAM	1	0	19.27	19.38	19.25	21.00
15	16QAM	1	37	19.24	19.56	19.38	21.00
15	16QAM	1	74	19.22	19.37	19.15	21.00
15	16QAM	36	0	19.32	19.51	19.39	21.00
15	16QAM	36	20	19.23	19.47	19.23	21.00
15	16QAM	36	39	19.36	19.41	19.35	21.00
15	16QAM	75	0	19.24	19.33	19.15	21.00
15	64QAM	1	0	19.34	19.47	19.32	21.00
15	64QAM	1	37	19.23	19.37	19.15	21.00
15	64QAM	1	74	19.26	19.29	19.19	21.00
15	64QAM	36	0	19.27	19.48	19.34	21.00
15	64QAM	36	20	19.34	19.44	19.19	21.00
15	64QAM	36	39	19.45	19.42	19.21	21.00
15	64QAM	75	0	19.29	19.42	19.24	21.00
15	256QAM	1	0	19.21	19.38	19.25	20.00
15	256QAM	1	37	19.46	19.47	19.30	20.00
15	256QAM	1	74	19.23	19.47	19.34	20.00
15	256QAM	36	0	19.35	19.54	19.40	20.00
15	256QAM	36	20	19.21	19.37	19.30	20.00
15	256QAM	36	39	19.25	19.44	19.24	20.00
15	256QAM	75	0	19.45	19.52	19.33	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.48	19.55	19.45	21.00
10	QPSK	1	25	19.18	19.38	19.18	21.00
10	QPSK	1	49	19.29	19.46	19.18	21.00
10	QPSK	25	0	19.44	19.42	19.32	21.00
10	QPSK	25	12	19.30	19.49	19.29	21.00
10	QPSK	25	25	19.30	19.47	19.20	21.00
10	QPSK	50	0	19.25	19.48	19.23	21.00
10	16QAM	1	0	19.33	19.32	19.23	21.00
10	16QAM	1	25	19.28	19.43	19.40	21.00
10	16QAM	1	49	19.27	19.45	19.16	21.00
10	16QAM	25	0	19.28	19.50	19.32	21.00



10	16QAM	25	12	19.19	19.35	19.29	21.00
10	16QAM	25	25	19.24	19.37	19.25	21.00
10	16QAM	50	0	19.30	19.43	19.19	21.00
10	64QAM	1	0	19.28	19.39	19.27	21.00
10	64QAM	1	25	19.20	19.38	19.21	21.00
10	64QAM	1	49	19.29	19.40	19.24	21.00
10	64QAM	25	0	19.28	19.41	19.33	21.00
10	64QAM	25	12	19.29	19.37	19.28	21.00
10	64QAM	25	25	19.42	19.51	19.19	21.00
10	64QAM	50	0	19.27	19.35	19.20	21.00
10	256QAM	1	0	19.24	19.38	19.18	20.00
10	256QAM	1	25	19.37	19.45	19.31	20.00
10	256QAM	1	49	19.33	19.39	19.34	20.00
10	256QAM	25	0	19.32	19.57	19.35	20.00
10	256QAM	25	12	19.21	19.44	19.24	20.00
10	256QAM	25	25	19.35	19.46	19.20	20.00
10	256QAM	50	0	19.36	19.43	19.41	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.46	19.48	19.50	21.00
5	QPSK	1	12	19.25	19.32	19.18	21.00
5	QPSK	1	24	19.28	19.38	19.19	21.00
5	QPSK	12	0	19.33	19.40	19.40	21.00
5	QPSK	12	7	19.40	19.45	19.20	21.00
5	QPSK	12	13	19.25	19.41	19.28	21.00
5	QPSK	25	0	19.33	19.48	19.22	21.00
5	16QAM	1	0	19.22	19.34	19.16	21.00
5	16QAM	1	12	19.35	19.52	19.41	21.00
5	16QAM	1	24	19.22	19.36	19.17	21.00
5	16QAM	12	0	19.29	19.43	19.45	21.00
5	16QAM	12	7	19.23	19.39	19.30	21.00
5	16QAM	12	13	19.30	19.47	19.27	21.00
5	16QAM	25	0	19.23	19.43	19.19	21.00
5	64QAM	1	0	19.29	19.39	19.20	21.00
5	64QAM	1	12	19.32	19.32	19.17	21.00
5	64QAM	1	24	19.16	19.29	19.26	21.00
5	64QAM	12	0	19.29	19.44	19.29	21.00
5	64QAM	12	7	19.25	19.47	19.20	21.00
5	64QAM	12	13	19.38	19.52	19.21	21.00
5	64QAM	25	0	19.20	19.46	19.23	21.00
5	256QAM	1	0	19.25	19.37	19.18	20.00
5	256QAM	1	12	19.40	19.48	19.23	20.00
5	256QAM	1	24	19.26	19.35	19.33	20.00
5	256QAM	12	0	19.30	19.51	19.32	20.00
5	256QAM	12	7	19.22	19.34	19.23	20.00
5	256QAM	12	13	19.29	19.41	19.31	20.00
5	256QAM	25	0	19.46	19.50	19.37	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.42	19.59	19.42	21.00
3	QPSK	1	8	19.24	19.44	19.18	21.00
3	QPSK	1	14	19.32	19.43	19.13	21.00
3	QPSK	8	0	19.39	19.41	19.35	21.00
3	QPSK	8	4	19.29	19.45	19.23	21.00
3	QPSK	8	7	19.31	19.37	19.32	21.00
3	QPSK	15	0	19.24	19.46	19.21	21.00
3	16QAM	1	0	19.25	19.37	19.23	21.00
3	16QAM	1	8	19.32	19.51	19.38	21.00
3	16QAM	1	14	19.27	19.45	19.16	21.00
3	16QAM	8	0	19.33	19.43	19.37	21.00
3	16QAM	8	4	19.19	19.35	19.21	21.00
3	16QAM	8	7	19.25	19.38	19.34	21.00
3	16QAM	15	0	19.34	19.38	19.21	21.00
3	64QAM	1	0	19.31	19.37	19.27	21.00
3	64QAM	1	8	19.26	19.38	19.23	21.00
3	64QAM	1	14	19.19	19.42	19.20	21.00
3	64QAM	8	0	19.34	19.40	19.25	21.00
3	64QAM	8	4	19.34	19.46	19.29	21.00
3	64QAM	8	7	19.42	19.52	19.24	21.00
3	64QAM	15	0	19.22	19.46	19.23	21.00
3	256QAM	1	0	19.19	19.43	19.18	20.00
3	256QAM	1	8	19.45	19.44	19.29	20.00
3	256QAM	1	14	19.32	19.36	19.34	20.00
3	256QAM	8	0	19.40	19.48	19.40	20.00
3	256QAM	8	4	19.17	19.43	19.27	20.00
3	256QAM	8	7	19.27	19.45	19.31	20.00
3	256QAM	15	0	19.40	19.40	19.35	20.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.48	19.56	19.48	21.00
1.4	QPSK	1	3	19.22	19.43	19.14	21.00
1.4	QPSK	1	5	19.20	19.44	19.18	21.00
1.4	QPSK	3	0	19.33	19.50	19.30	21.00
1.4	QPSK	3	1	19.39	19.42	19.25	21.00
1.4	QPSK	3	3	19.33	19.41	19.20	21.00
1.4	QPSK	6	0	19.25	19.51	19.19	21.00
1.4	16QAM	1	0	19.27	19.37	19.19	21.00
1.4	16QAM	1	3	19.32	19.48	19.28	21.00
1.4	16QAM	1	5	19.17	19.46	19.20	21.00
1.4	16QAM	3	0	19.34	19.53	19.43	21.00
1.4	16QAM	3	1	19.24	19.46	19.20	21.00
1.4	16QAM	3	3	19.26	19.51	19.28	21.00
1.4	16QAM	6	0	19.23	19.44	19.20	21.00
1.4	64QAM	1	0	19.29	19.42	19.24	21.00
1.4	64QAM	1	3	19.20	19.38	19.21	21.00
1.4	64QAM	1	5	19.21	19.31	19.22	21.00
1.4	64QAM	3	0	19.31	19.47	19.26	21.00
1.4	64QAM	3	1	19.28	19.41	19.25	21.00
1.4	64QAM	3	3	19.38	19.42	19.22	21.00
1.4	64QAM	6	0	19.22	19.37	19.24	21.00
1.4	256QAM	1	0	19.25	19.49	19.21	20.00
1.4	256QAM	1	3	19.37	19.53	19.33	20.00
1.4	256QAM	1	5	19.27	19.37	19.31	20.00
1.4	256QAM	3	0	19.33	19.59	19.46	20.00
1.4	256QAM	3	1	19.13	19.44	19.30	20.00
1.4	256QAM	3	3	19.27	19.38	19.24	20.00
1.4	256QAM	6	0	19.32	19.43	19.29	20.00

【LTE Band 2_Ant 4_ECI3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.21	19.24	19.23	21.00
20	QPSK	1	49	19.02	19.15	19.01	21.00
20	QPSK	1	99	18.95	19.07	18.96	21.00
20	QPSK	50	0	19.14	19.20	19.12	21.00
20	QPSK	50	24	19.03	19.15	19.06	21.00
20	QPSK	50	50	19.03	19.18	19.05	21.00
20	QPSK	100	0	19.11	19.19	19.15	21.00
20	16QAM	1	0	18.89	19.03	18.96	21.00
20	16QAM	1	49	19.04	19.09	18.96	21.00
20	16QAM	1	99	18.98	19.05	18.92	21.00
20	16QAM	50	0	18.86	18.98	18.86	21.00
20	16QAM	50	24	18.84	19.02	18.91	21.00
20	16QAM	50	50	19.00	19.04	18.92	21.00
20	16QAM	100	0	18.92	19.05	18.99	21.00
20	64QAM	1	0	18.93	19.10	18.96	21.00
20	64QAM	1	49	19.01	19.06	18.92	21.00
20	64QAM	1	99	18.88	18.99	18.84	21.00
20	64QAM	50	0	18.94	19.05	18.92	21.00
20	64QAM	50	24	18.95	19.08	18.95	21.00
20	64QAM	50	50	18.90	19.06	18.97	21.00
20	64QAM	100	0	18.91	19.04	18.98	21.00
20	256QAM	1	0	18.48	18.55	18.44	20.50
20	256QAM	1	49	18.40	18.55	18.35	20.50
20	256QAM	1	99	18.51	18.58	18.39	20.50
20	256QAM	50	0	18.63	18.68	18.54	20.50
20	256QAM	50	24	18.70	18.74	18.62	20.50
20	256QAM	50	50	18.70	18.72	18.61	20.50
20	256QAM	100	0	18.60	18.68	18.59	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.06	19.22	19.11	21.00
15	QPSK	1	37	18.95	19.04	18.93	21.00
15	QPSK	1	74	18.80	18.95	18.82	21.00
15	QPSK	36	0	19.03	19.16	19.02	21.00
15	QPSK	36	20	18.97	19.04	18.96	21.00
15	QPSK	36	39	18.91	19.15	18.91	21.00
15	QPSK	75	0	19.05	19.12	19.02	21.00



FCC SAR Test Report

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15	16QAM	1	0	18.85	18.96	18.92	21.00
15	16QAM	1	37	18.99	19.01	18.95	21.00
15	16QAM	1	74	18.88	18.97	18.85	21.00
15	16QAM	36	0	18.84	18.88	18.84	21.00
15	16QAM	36	20	18.81	18.90	18.84	21.00
15	16QAM	36	39	18.92	18.91	18.79	21.00
15	16QAM	75	0	18.89	18.91	18.95	21.00
15	64QAM	1	0	18.84	19.00	18.83	21.00
15	64QAM	1	37	18.87	18.97	18.85	21.00
15	64QAM	1	74	18.76	18.93	18.73	21.00
15	64QAM	36	0	18.90	18.92	18.87	21.00
15	64QAM	36	20	18.81	19.07	18.83	21.00
15	64QAM	36	39	18.82	18.96	18.85	21.00
15	64QAM	75	0	18.85	18.97	18.88	21.00
15	256QAM	1	0	18.37	18.46	18.41	20.50
15	256QAM	1	37	18.36	18.45	18.25	20.50
15	256QAM	1	74	18.40	18.50	18.30	20.50
15	256QAM	36	0	18.56	18.57	18.44	20.50
15	256QAM	36	20	18.65	18.61	18.54	20.50
15	256QAM	36	39	18.60	18.65	18.54	20.50
15	256QAM	75	0	18.51	18.65	18.45	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.19	19.10	19.13	21.00
10	QPSK	1	25	18.91	19.03	18.97	21.00
10	QPSK	1	49	18.93	18.97	18.85	21.00
10	QPSK	25	0	19.01	19.10	19.10	21.00
10	QPSK	25	12	18.94	19.05	19.01	21.00
10	QPSK	25	25	18.90	19.09	18.92	21.00
10	QPSK	50	0	19.04	19.11	19.03	21.00
10	16QAM	1	0	18.83	18.89	18.91	21.00
10	16QAM	1	25	18.90	18.99	18.87	21.00
10	16QAM	1	49	18.84	18.98	18.79	21.00
10	16QAM	25	0	18.72	18.91	18.78	21.00
10	16QAM	25	12	18.77	18.89	18.82	21.00
10	16QAM	25	25	18.94	19.02	18.86	21.00
10	16QAM	50	0	18.86	18.94	18.95	21.00
10	64QAM	1	0	18.87	19.05	18.84	21.00
10	64QAM	1	25	18.96	19.01	18.85	21.00
10	64QAM	1	49	18.81	18.89	18.71	21.00
10	64QAM	25	0	18.92	18.99	18.88	21.00
10	64QAM	25	12	18.82	18.99	18.92	21.00
10	64QAM	25	25	18.87	19.00	18.84	21.00
10	64QAM	50	0	18.85	18.95	18.93	21.00
10	256QAM	1	0	18.39	18.51	18.38	20.50
10	256QAM	1	25	18.26	18.51	18.32	20.50
10	256QAM	1	49	18.42	18.52	18.36	20.50
10	256QAM	25	0	18.50	18.64	18.45	20.50
10	256QAM	25	12	18.66	18.69	18.58	20.50
10	256QAM	25	25	18.64	18.63	18.57	20.50
10	256QAM	50	0	18.56	18.57	18.51	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.09	19.10	19.12	21.00
5	QPSK	1	12	18.89	19.01	18.98	21.00
5	QPSK	1	24	18.92	19.00	18.91	21.00
5	QPSK	12	0	19.06	19.17	19.07	21.00
5	QPSK	12	7	19.01	19.03	18.95	21.00
5	QPSK	12	13	18.95	19.09	18.99	21.00
5	QPSK	25	0	19.04	19.14	19.05	21.00
5	16QAM	1	0	18.77	19.01	18.91	21.00
5	16QAM	1	12	18.91	19.04	18.88	21.00
5	16QAM	1	24	18.93	18.95	18.81	21.00
5	16QAM	12	0	18.83	18.85	18.79	21.00
5	16QAM	12	7	18.78	18.90	18.89	21.00
5	16QAM	12	13	18.98	18.94	18.84	21.00
5	16QAM	25	0	18.84	19.01	18.89	21.00
5	64QAM	1	0	18.84	18.99	18.93	21.00
5	64QAM	1	12	18.98	18.98	18.88	21.00
5	64QAM	1	24	18.78	18.95	18.82	21.00
5	64QAM	12	0	18.84	18.99	18.78	21.00
5	64QAM	12	7	18.90	19.01	18.92	21.00
5	64QAM	12	13	18.81	19.05	18.89	21.00
5	64QAM	25	0	18.83	18.91	18.90	21.00
5	256QAM	1	0	18.34	18.46	18.32	20.50
5	256QAM	1	12	18.27	18.49	18.29	20.50
5	256QAM	1	24	18.45	18.48	18.27	20.50
5	256QAM	12	0	18.62	18.62	18.45	20.50



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5	256QAM	12	7	18.64	18.66	18.47	20.50
5	256QAM	12	13	18.60	18.62	18.58	20.50
5	256QAM	25	0	18.59	18.60	18.57	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.10	19.14	19.20	21.00
3	QPSK	1	8	18.88	19.10	19.00	21.00
3	QPSK	1	14	18.86	19.05	18.82	21.00
3	QPSK	8	0	19.00	19.11	19.03	21.00
3	QPSK	8	4	18.92	19.07	18.96	21.00
3	QPSK	8	7	18.88	19.12	19.03	21.00
3	QPSK	15	0	19.08	19.17	19.03	21.00
3	16QAM	1	0	18.76	18.93	18.84	21.00
3	16QAM	1	8	18.91	19.02	18.82	21.00
3	16QAM	1	14	18.91	19.01	18.86	21.00
3	16QAM	8	0	18.83	18.86	18.83	21.00
3	16QAM	8	4	18.74	18.94	18.87	21.00
3	16QAM	8	7	18.93	18.94	18.82	21.00
3	16QAM	15	0	18.80	18.95	18.96	21.00
3	64QAM	1	0	18.90	19.06	18.84	21.00
3	64QAM	1	8	18.96	19.02	18.79	21.00
3	64QAM	1	14	18.79	18.88	18.78	21.00
3	64QAM	8	0	18.92	19.04	18.82	21.00
3	64QAM	8	4	18.92	19.03	18.80	21.00
3	64QAM	8	7	18.88	19.00	18.85	21.00
3	64QAM	15	0	18.85	18.93	18.97	21.00
3	256QAM	1	0	18.37	18.42	18.32	20.50
3	256QAM	1	8	18.31	18.41	18.24	20.50
3	256QAM	1	14	18.41	18.52	18.34	20.50
3	256QAM	8	0	18.58	18.59	18.52	20.50
3	256QAM	8	4	18.55	18.59	18.60	20.50
3	256QAM	8	7	18.57	18.71	18.51	20.50
3	256QAM	15	0	18.54	18.53	18.57	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.20	19.17	19.15	21.00
1.4	QPSK	1	3	18.98	19.06	19.00	21.00
1.4	QPSK	1	5	18.83	18.98	18.93	21.00
1.4	QPSK	3	0	19.03	19.15	19.01	21.00
1.4	QPSK	3	1	18.91	19.14	18.97	21.00
1.4	QPSK	3	3	18.98	19.09	18.96	21.00
1.4	QPSK	6	0	19.10	19.08	18.95	21.00
1.4	16QAM	1	0	18.81	18.95	18.86	21.00
1.4	16QAM	1	3	19.02	18.96	18.87	21.00
1.4	16QAM	1	5	18.90	19.04	18.85	21.00
1.4	16QAM	3	0	18.76	18.96	18.71	21.00
1.4	16QAM	3	1	18.76	19.00	18.84	21.00
1.4	16QAM	3	3	18.87	18.93	18.82	21.00
1.4	16QAM	6	0	18.87	18.95	18.88	21.00
1.4	64QAM	1	0	18.88	18.99	18.94	21.00
1.4	64QAM	1	3	18.89	19.00	18.84	21.00
1.4	64QAM	1	5	18.81	18.85	18.79	21.00
1.4	64QAM	3	0	18.84	19.01	18.80	21.00
1.4	64QAM	3	1	18.93	19.00	18.91	21.00
1.4	64QAM	3	3	18.85	19.04	18.88	21.00
1.4	64QAM	6	0	18.86	18.89	18.94	21.00
1.4	256QAM	1	0	18.36	18.50	18.38	20.50
1.4	256QAM	1	3	18.29	18.45	18.31	20.50
1.4	256QAM	1	5	18.38	18.43	18.28	20.50
1.4	256QAM	3	0	18.51	18.59	18.40	20.50
1.4	256QAM	3	1	18.68	18.61	18.61	20.50
1.4	256QAM	3	3	18.65	18.59	18.54	20.50
1.4	256QAM	6	0	18.53	18.62	18.48	20.50

【LTE Band 2_Ant 4_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.39	19.45	19.42	21.00
20	QPSK	1	49	19.12	19.24	19.07	21.00
20	QPSK	1	99	19.12	19.27	19.10	21.00
20	QPSK	50	0	19.37	19.43	19.39	21.00
20	QPSK	50	24	19.04	19.23	19.18	21.00
20	QPSK	50	50	19.15	19.27	19.12	21.00
20	QPSK	100	0	19.33	19.35	19.32	21.00
20	16QAM	1	0	19.08	19.24	19.06	21.00
20	16QAM	1	49	19.09	19.21	19.03	21.00
20	16QAM	1	99	19.17	19.30	19.21	21.00
20	16QAM	50	0	19.09	19.20	19.06	21.00
20	16QAM	50	24	19.00	19.21	19.04	21.00
20	16QAM	50	50	19.14	19.31	19.15	21.00
20	16QAM	100	0	19.08	19.22	19.14	21.00
20	64QAM	1	0	19.07	19.25	19.20	21.00
20	64QAM	1	49	19.00	19.17	19.02	21.00
20	64QAM	1	99	19.05	19.17	19.11	21.00
20	64QAM	50	0	19.06	19.22	19.06	21.00
20	64QAM	50	24	19.01	19.18	19.08	21.00
20	64QAM	50	50	19.11	19.21	19.05	21.00
20	64QAM	100	0	19.15	19.22	19.17	21.00
20	256QAM	1	0	18.61	18.70	18.56	20.50
20	256QAM	1	49	18.54	18.61	18.36	20.50
20	256QAM	1	99	18.51	18.65	18.50	20.50
20	256QAM	50	0	18.67	18.74	18.50	20.50
20	256QAM	50	24	18.64	18.72	18.57	20.50
20	256QAM	50	50	18.57	18.72	18.58	20.50
20	256QAM	100	0	18.70	18.74	18.61	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.26	19.32	19.38	21.00
15	QPSK	1	37	19.05	19.14	19.02	21.00
15	QPSK	1	74	19.11	19.23	19.08	21.00
15	QPSK	36	0	19.27	19.31	19.36	21.00
15	QPSK	36	20	18.94	19.09	19.06	21.00
15	QPSK	36	39	19.06	19.15	19.05	21.00
15	QPSK	75	0	19.18	19.25	19.30	21.00
15	16QAM	1	0	18.99	19.18	19.00	21.00
15	16QAM	1	37	19.06	19.07	18.91	21.00
15	16QAM	1	74	19.12	19.24	19.19	21.00
15	16QAM	36	0	19.05	19.08	18.91	21.00
15	16QAM	36	20	18.98	19.10	18.96	21.00
15	16QAM	36	39	19.10	19.22	19.02	21.00
15	16QAM	75	0	19.00	19.10	19.03	21.00
15	64QAM	1	0	19.03	19.22	19.14	21.00
15	64QAM	1	37	18.93	19.16	18.94	21.00
15	64QAM	1	74	18.91	19.14	19.06	21.00
15	64QAM	36	0	19.04	19.20	19.01	21.00
15	64QAM	36	20	18.95	19.07	18.94	21.00
15	64QAM	36	39	18.99	19.14	18.95	21.00
15	64QAM	75	0	19.13	19.15	19.15	21.00
15	256QAM	1	0	18.53	18.69	18.45	20.50
15	256QAM	1	37	18.40	18.50	18.33	20.50
15	256QAM	1	74	18.44	18.62	18.35	20.50
15	256QAM	36	0	18.59	18.64	18.40	20.50
15	256QAM	36	20	18.53	18.65	18.48	20.50
15	256QAM	36	39	18.50	18.62	18.45	20.50
15	256QAM	75	0	18.62	18.72	18.51	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.37	19.39	19.30	21.00
10	QPSK	1	25	19.03	19.18	18.96	21.00
10	QPSK	1	49	19.00	19.22	19.04	21.00
10	QPSK	25	0	19.33	19.33	19.28	21.00
10	QPSK	25	12	18.99	19.20	19.13	21.00
10	QPSK	25	25	19.10	19.18	19.00	21.00
10	QPSK	50	0	19.29	19.21	19.30	21.00
10	16QAM	1	0	19.01	19.21	18.93	21.00
10	16QAM	1	25	19.01	19.12	18.96	21.00
10	16QAM	1	49	19.09	19.24	19.08	21.00
10	16QAM	25	0	19.07	19.16	18.95	21.00



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10	16QAM	25	12	18.98	19.08	18.90	21.00
10	16QAM	25	25	19.13	19.22	19.01	21.00
10	16QAM	50	0	18.95	19.13	19.06	21.00
10	64QAM	1	0	18.94	19.22	19.17	21.00
10	64QAM	1	25	18.93	19.05	19.00	21.00
10	64QAM	1	49	19.03	19.16	19.03	21.00
10	64QAM	25	0	18.94	19.13	19.03	21.00
10	64QAM	25	12	18.86	19.08	18.99	21.00
10	64QAM	25	25	18.97	19.15	18.93	21.00
10	64QAM	50	0	19.05	19.16	19.05	21.00
10	256QAM	1	0	18.59	18.57	18.53	20.50
10	256QAM	1	25	18.44	18.58	18.30	20.50
10	256QAM	1	49	18.38	18.55	18.40	20.50
10	256QAM	25	0	18.61	18.64	18.42	20.50
10	256QAM	25	12	18.58	18.71	18.46	20.50
10	256QAM	25	25	18.54	18.59	18.45	20.50
10	256QAM	50	0	18.66	18.60	18.48	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.26	19.44	19.36	21.00
5	QPSK	1	12	19.11	19.16	18.97	21.00
5	QPSK	1	24	19.03	19.21	18.98	21.00
5	QPSK	12	0	19.33	19.37	19.36	21.00
5	QPSK	12	7	18.90	19.18	19.15	21.00
5	QPSK	12	13	19.10	19.19	19.11	21.00
5	QPSK	25	0	19.30	19.25	19.19	21.00
5	16QAM	1	0	18.96	19.12	18.96	21.00
5	16QAM	1	12	19.02	19.18	19.01	21.00
5	16QAM	1	24	19.15	19.28	19.18	21.00
5	16QAM	12	0	19.06	19.16	18.97	21.00
5	16QAM	12	7	18.86	19.07	18.90	21.00
5	16QAM	12	13	19.03	19.26	19.12	21.00
5	16QAM	25	0	19.03	19.21	19.07	21.00
5	64QAM	1	0	18.96	19.20	19.18	21.00
5	64QAM	1	12	18.91	19.02	18.98	21.00
5	64QAM	1	24	19.01	19.08	19.00	21.00
5	64QAM	12	0	18.94	19.10	19.04	21.00
5	64QAM	12	7	18.97	19.03	19.03	21.00
5	64QAM	12	13	18.98	19.11	19.01	21.00
5	64QAM	25	0	19.06	19.21	19.09	21.00
5	256QAM	1	0	18.58	18.62	18.49	20.50
5	256QAM	1	12	18.49	18.54	18.21	20.50
5	256QAM	1	24	18.48	18.58	18.48	20.50
5	256QAM	12	0	18.55	18.59	18.40	20.50
5	256QAM	12	7	18.56	18.62	18.53	20.50
5	256QAM	12	13	18.46	18.59	18.53	20.50
5	256QAM	25	0	18.56	18.61	18.47	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.31	19.32	19.30	21.00
3	QPSK	1	8	18.98	19.10	19.00	21.00
3	QPSK	1	14	19.06	19.19	19.05	21.00
3	QPSK	8	0	19.28	19.40	19.28	21.00
3	QPSK	8	4	18.96	19.12	19.11	21.00
3	QPSK	8	7	19.13	19.22	19.06	21.00
3	QPSK	15	0	19.28	19.25	19.27	21.00
3	16QAM	1	0	19.00	19.12	18.94	21.00
3	16QAM	1	8	19.05	19.16	18.92	21.00
3	16QAM	1	14	19.07	19.25	19.07	21.00
3	16QAM	8	0	19.04	19.19	19.04	21.00
3	16QAM	8	4	18.92	19.09	18.90	21.00
3	16QAM	8	7	19.01	19.16	19.01	21.00
3	16QAM	15	0	18.98	19.16	19.11	21.00
3	64QAM	1	0	19.00	19.21	19.17	21.00
3	64QAM	1	8	18.97	19.14	18.95	21.00
3	64QAM	1	14	18.99	19.09	19.05	21.00
3	64QAM	8	0	18.97	19.19	19.04	21.00
3	64QAM	8	4	18.97	19.17	18.99	21.00
3	64QAM	8	7	19.06	19.14	18.99	21.00
3	64QAM	15	0	19.03	19.16	19.04	21.00
3	256QAM	1	0	18.52	18.58	18.42	20.50
3	256QAM	1	8	18.49	18.56	18.31	20.50
3	256QAM	1	14	18.45	18.61	18.35	20.50
3	256QAM	8	0	18.55	18.61	18.44	20.50
3	256QAM	8	4	18.57	18.61	18.45	20.50
3	256QAM	8	7	18.52	18.63	18.48	20.50
3	256QAM	15	0	18.58	18.71	18.59	20.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.32	19.43	19.30	21.00
1.4	QPSK	1	3	19.02	19.16	18.96	21.00
1.4	QPSK	1	5	19.11	19.14	18.98	21.00
1.4	QPSK	3	0	19.28	19.37	19.36	21.00
1.4	QPSK	3	1	19.02	19.17	19.11	21.00
1.4	QPSK	3	3	19.07	19.18	19.03	21.00
1.4	QPSK	6	0	19.23	19.31	19.24	21.00
1.4	16QAM	1	0	19.06	19.12	18.95	21.00
1.4	16QAM	1	3	19.02	19.17	18.93	21.00
1.4	16QAM	1	5	19.09	19.23	19.19	21.00
1.4	16QAM	3	0	19.06	19.15	18.97	21.00
1.4	16QAM	3	1	18.90	19.10	18.89	21.00
1.4	16QAM	3	3	19.07	19.19	19.14	21.00
1.4	16QAM	6	0	18.95	19.13	19.09	21.00
1.4	64QAM	1	0	19.04	19.15	19.19	21.00
1.4	64QAM	1	3	18.99	19.05	18.96	21.00
1.4	64QAM	1	5	18.90	19.12	19.06	21.00
1.4	64QAM	3	0	18.93	19.08	18.96	21.00
1.4	64QAM	3	1	18.90	19.08	18.93	21.00
1.4	64QAM	3	3	18.99	19.13	18.97	21.00
1.4	64QAM	6	0	19.08	19.10	19.12	21.00
1.4	256QAM	1	0	18.47	18.58	18.50	20.50
1.4	256QAM	1	3	18.40	18.59	18.22	20.50
1.4	256QAM	1	5	18.46	18.51	18.38	20.50
1.4	256QAM	3	0	18.60	18.72	18.36	20.50
1.4	256QAM	3	1	18.51	18.63	18.54	20.50
1.4	256QAM	3	3	18.43	18.71	18.55	20.50
1.4	256QAM	6	0	18.66	18.69	18.46	20.50

【LTE Band 2_Ant 4_ECI4】

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	19.56	19.61	19.53	21.00
20	QPSK	1	49	19.32	19.46	19.26	21.00
20	QPSK	1	99	19.35	19.50	19.28	21.00
20	QPSK	50	0	19.46	19.53	19.44	21.00
20	QPSK	50	24	19.42	19.52	19.31	21.00
20	QPSK	50	50	19.37	19.50	19.34	21.00
20	QPSK	100	0	19.37	19.52	19.29	21.00
20	16QAM	1	0	19.35	19.45	19.27	21.00
20	16QAM	1	49	19.38	19.57	19.43	21.00
20	16QAM	1	99	19.31	19.47	19.27	21.00
20	16QAM	50	0	19.37	19.57	19.46	21.00
20	16QAM	50	24	19.30	19.49	19.33	21.00
20	16QAM	50	50	19.37	19.52	19.39	21.00
20	16QAM	100	0	19.36	19.48	19.25	21.00
20	64QAM	1	0	19.35	19.52	19.34	21.00
20	64QAM	1	49	19.33	19.46	19.29	21.00
20	64QAM	1	99	19.30	19.44	19.29	21.00
20	64QAM	50	0	19.40	19.52	19.35	21.00
20	64QAM	50	24	19.36	19.52	19.32	21.00
20	64QAM	50	50	19.46	19.53	19.32	21.00
20	64QAM	100	0	19.32	19.49	19.34	21.00
20	256QAM	1	0	19.32	19.52	19.32	20.00
20	256QAM	1	49	19.47	19.55	19.38	20.00
20	256QAM	1	99	19.37	19.50	19.39	20.00
20	256QAM	50	0	19.45	19.61	19.47	20.00
20	256QAM	50	24	19.26	19.46	19.31	20.00
20	256QAM	50	50	19.39	19.50	19.34	20.00
20	256QAM	100	0	19.47	19.53	19.42	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.53	19.59	19.47	21.00
15	QPSK	1	37	19.18	19.45	19.12	21.00
15	QPSK	1	74	19.28	19.46	19.25	21.00
15	QPSK	36	0	19.41	19.48	19.35	21.00
15	QPSK	36	20	19.28	19.48	19.29	21.00
15	QPSK	36	39	19.34	19.44	19.30	21.00
15	QPSK	75	0	19.35	19.47	19.20	21.00



15	16QAM	1	0	19.27	19.38	19.25	21.00
15	16QAM	1	37	19.24	19.56	19.38	21.00
15	16QAM	1	74	19.22	19.37	19.15	21.00
15	16QAM	36	0	19.32	19.51	19.39	21.00
15	16QAM	36	20	19.23	19.47	19.23	21.00
15	16QAM	36	39	19.36	19.41	19.35	21.00
15	16QAM	75	0	19.24	19.33	19.15	21.00
15	64QAM	1	0	19.34	19.47	19.32	21.00
15	64QAM	1	37	19.23	19.37	19.15	21.00
15	64QAM	1	74	19.26	19.29	19.19	21.00
15	64QAM	36	0	19.27	19.48	19.34	21.00
15	64QAM	36	20	19.34	19.44	19.19	21.00
15	64QAM	36	39	19.45	19.42	19.21	21.00
15	64QAM	75	0	19.29	19.42	19.24	21.00
15	256QAM	1	0	19.21	19.38	19.25	20.00
15	256QAM	1	37	19.46	19.47	19.30	20.00
15	256QAM	1	74	19.23	19.47	19.34	20.00
15	256QAM	36	0	19.35	19.54	19.40	20.00
15	256QAM	36	20	19.21	19.37	19.30	20.00
15	256QAM	36	39	19.25	19.44	19.24	20.00
15	256QAM	75	0	19.45	19.52	19.33	20.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.48	19.55	19.45	21.00
10	QPSK	1	25	19.18	19.38	19.18	21.00
10	QPSK	1	49	19.29	19.46	19.18	21.00
10	QPSK	25	0	19.44	19.42	19.32	21.00
10	QPSK	25	12	19.30	19.49	19.29	21.00
10	QPSK	25	25	19.30	19.47	19.20	21.00
10	QPSK	50	0	19.25	19.48	19.23	21.00
10	16QAM	1	0	19.33	19.32	19.23	21.00
10	16QAM	1	25	19.28	19.43	19.40	21.00
10	16QAM	1	49	19.27	19.45	19.16	21.00
10	16QAM	25	0	19.28	19.50	19.32	21.00
10	16QAM	25	12	19.19	19.35	19.29	21.00
10	16QAM	25	25	19.24	19.37	19.25	21.00
10	16QAM	50	0	19.30	19.43	19.19	21.00
10	64QAM	1	0	19.28	19.39	19.27	21.00
10	64QAM	1	25	19.20	19.38	19.21	21.00
10	64QAM	1	49	19.29	19.40	19.24	21.00
10	64QAM	25	0	19.28	19.41	19.33	21.00
10	64QAM	25	12	19.29	19.37	19.28	21.00
10	64QAM	25	25	19.42	19.51	19.19	21.00
10	64QAM	50	0	19.27	19.35	19.20	21.00
10	256QAM	1	0	19.24	19.38	19.18	20.00
10	256QAM	1	25	19.37	19.45	19.31	20.00
10	256QAM	1	49	19.33	19.39	19.34	20.00
10	256QAM	25	0	19.32	19.57	19.35	20.00
10	256QAM	25	12	19.21	19.44	19.24	20.00
10	256QAM	25	25	19.35	19.46	19.20	20.00
10	256QAM	50	0	19.36	19.43	19.41	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.46	19.48	19.50	21.00
5	QPSK	1	12	19.25	19.32	19.18	21.00
5	QPSK	1	24	19.28	19.38	19.19	21.00
5	QPSK	12	0	19.33	19.40	19.40	21.00
5	QPSK	12	7	19.40	19.45	19.20	21.00
5	QPSK	12	13	19.25	19.41	19.28	21.00
5	QPSK	25	0	19.33	19.48	19.22	21.00
5	16QAM	1	0	19.22	19.34	19.16	21.00
5	16QAM	1	12	19.35	19.52	19.41	21.00
5	16QAM	1	24	19.22	19.36	19.17	21.00
5	16QAM	12	0	19.29	19.43	19.45	21.00
5	16QAM	12	7	19.23	19.39	19.30	21.00
5	16QAM	12	13	19.30	19.47	19.27	21.00
5	16QAM	25	0	19.23	19.43	19.19	21.00
5	64QAM	1	0	19.29	19.39	19.20	21.00
5	64QAM	1	12	19.32	19.32	19.17	21.00
5	64QAM	1	24	19.16	19.29	19.26	21.00
5	64QAM	12	0	19.29	19.44	19.29	21.00
5	64QAM	12	7	19.25	19.47	19.20	21.00
5	64QAM	12	13	19.38	19.52	19.21	21.00
5	64QAM	25	0	19.20	19.46	19.23	21.00
5	256QAM	1	0	19.25	19.37	19.18	20.00
5	256QAM	1	12	19.40	19.48	19.23	20.00
5	256QAM	1	24	19.26	19.35	19.33	20.00
5	256QAM	12	0	19.30	19.51	19.32	20.00



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5	256QAM	12	7	19.22	19.34	19.23	20.00
5	256QAM	12	13	19.29	19.41	19.31	20.00
5	256QAM	25	0	19.46	19.50	19.37	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.42	19.59	19.42	21.00
3	QPSK	1	8	19.24	19.44	19.18	21.00
3	QPSK	1	14	19.32	19.43	19.13	21.00
3	QPSK	8	0	19.39	19.41	19.35	21.00
3	QPSK	8	4	19.29	19.45	19.23	21.00
3	QPSK	8	7	19.31	19.37	19.32	21.00
3	QPSK	15	0	19.24	19.46	19.21	21.00
3	16QAM	1	0	19.25	19.37	19.23	21.00
3	16QAM	1	8	19.32	19.51	19.38	21.00
3	16QAM	1	14	19.27	19.45	19.16	21.00
3	16QAM	8	0	19.33	19.43	19.37	21.00
3	16QAM	8	4	19.19	19.35	19.21	21.00
3	16QAM	8	7	19.25	19.38	19.34	21.00
3	16QAM	15	0	19.34	19.38	19.21	21.00
3	64QAM	1	0	19.31	19.37	19.27	21.00
3	64QAM	1	8	19.26	19.38	19.23	21.00
3	64QAM	1	14	19.19	19.42	19.20	21.00
3	64QAM	8	0	19.34	19.40	19.25	21.00
3	64QAM	8	4	19.34	19.46	19.29	21.00
3	64QAM	8	7	19.42	19.52	19.24	21.00
3	64QAM	15	0	19.22	19.46	19.23	21.00
3	256QAM	1	0	19.19	19.43	19.18	20.00
3	256QAM	1	8	19.45	19.44	19.29	20.00
3	256QAM	1	14	19.32	19.36	19.34	20.00
3	256QAM	8	0	19.40	19.48	19.40	20.00
3	256QAM	8	4	19.17	19.43	19.27	20.00
3	256QAM	8	7	19.27	19.45	19.31	20.00
3	256QAM	15	0	19.40	19.40	19.35	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.48	19.56	19.48	21.00
1.4	QPSK	1	3	19.22	19.43	19.14	21.00
1.4	QPSK	1	5	19.20	19.44	19.18	21.00
1.4	QPSK	3	0	19.33	19.50	19.30	21.00
1.4	QPSK	3	1	19.39	19.42	19.25	21.00
1.4	QPSK	3	3	19.33	19.41	19.20	21.00
1.4	QPSK	6	0	19.25	19.51	19.19	21.00
1.4	16QAM	1	0	19.27	19.37	19.19	21.00
1.4	16QAM	1	3	19.32	19.48	19.28	21.00
1.4	16QAM	1	5	19.17	19.46	19.20	21.00
1.4	16QAM	3	0	19.34	19.53	19.43	21.00
1.4	16QAM	3	1	19.24	19.46	19.20	21.00
1.4	16QAM	3	3	19.26	19.51	19.28	21.00
1.4	16QAM	6	0	19.23	19.44	19.20	21.00
1.4	64QAM	1	0	19.29	19.42	19.24	21.00
1.4	64QAM	1	3	19.20	19.38	19.21	21.00
1.4	64QAM	1	5	19.21	19.31	19.22	21.00
1.4	64QAM	3	0	19.31	19.47	19.26	21.00
1.4	64QAM	3	1	19.28	19.41	19.25	21.00
1.4	64QAM	3	3	19.38	19.42	19.22	21.00
1.4	64QAM	6	0	19.22	19.37	19.24	21.00
1.4	256QAM	1	0	19.25	19.49	19.21	20.00
1.4	256QAM	1	3	19.37	19.53	19.33	20.00
1.4	256QAM	1	5	19.27	19.37	19.31	20.00
1.4	256QAM	3	0	19.33	19.59	19.46	20.00
1.4	256QAM	3	1	19.13	19.44	19.30	20.00
1.4	256QAM	3	3	19.27	19.38	19.24	20.00
1.4	256QAM	6	0	19.32	19.43	19.29	20.00



【LTE Band 2_Ant 4_ECI4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.21	19.24	19.23	21.00
20	QPSK	1	49	19.02	19.15	19.01	21.00
20	QPSK	1	99	18.95	19.07	18.96	21.00
20	QPSK	50	0	19.14	19.20	19.12	21.00
20	QPSK	50	24	19.03	19.15	19.06	21.00
20	QPSK	50	50	19.03	19.18	19.05	21.00
20	QPSK	100	0	19.11	19.19	19.15	21.00
20	16QAM	1	0	18.89	19.03	18.96	21.00
20	16QAM	1	49	19.04	19.09	18.96	21.00
20	16QAM	1	99	18.98	19.05	18.92	21.00
20	16QAM	50	0	18.86	18.98	18.86	21.00
20	16QAM	50	24	18.84	19.02	18.91	21.00
20	16QAM	50	50	19.00	19.04	18.92	21.00
20	16QAM	100	0	18.92	19.05	18.99	21.00
20	64QAM	1	0	18.93	19.10	18.96	21.00
20	64QAM	1	49	19.01	19.06	18.92	21.00
20	64QAM	1	99	18.88	18.99	18.84	21.00
20	64QAM	50	0	18.94	19.05	18.92	21.00
20	64QAM	50	24	18.95	19.08	18.95	21.00
20	64QAM	50	50	18.90	19.06	18.97	21.00
20	64QAM	100	0	18.91	19.04	18.98	21.00
20	256QAM	1	0	18.48	18.55	18.44	20.50
20	256QAM	1	49	18.40	18.55	18.35	20.50
20	256QAM	1	99	18.51	18.58	18.39	20.50
20	256QAM	50	0	18.63	18.68	18.54	20.50
20	256QAM	50	24	18.70	18.74	18.62	20.50
20	256QAM	50	50	18.70	18.72	18.61	20.50
20	256QAM	100	0	18.60	18.68	18.59	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.06	19.22	19.11	21.00
15	QPSK	1	37	18.95	19.04	18.93	21.00
15	QPSK	1	74	18.80	18.95	18.82	21.00
15	QPSK	36	0	19.03	19.16	19.02	21.00
15	QPSK	36	20	18.97	19.04	18.96	21.00
15	QPSK	36	39	18.91	19.15	18.91	21.00
15	QPSK	75	0	19.05	19.12	19.02	21.00
15	16QAM	1	0	18.85	18.96	18.92	21.00
15	16QAM	1	37	18.99	19.01	18.95	21.00
15	16QAM	1	74	18.88	18.97	18.85	21.00
15	16QAM	36	0	18.84	18.88	18.84	21.00
15	16QAM	36	20	18.81	18.90	18.84	21.00
15	16QAM	36	39	18.92	18.91	18.79	21.00
15	16QAM	75	0	18.89	18.91	18.95	21.00
15	64QAM	1	0	18.84	19.00	18.83	21.00
15	64QAM	1	37	18.87	18.97	18.85	21.00
15	64QAM	1	74	18.76	18.93	18.73	21.00
15	64QAM	36	0	18.90	18.92	18.87	21.00
15	64QAM	36	20	18.81	19.07	18.83	21.00
15	64QAM	36	39	18.82	18.96	18.85	21.00
15	64QAM	75	0	18.85	18.97	18.88	21.00
15	256QAM	1	0	18.37	18.46	18.41	20.50
15	256QAM	1	37	18.36	18.45	18.25	20.50
15	256QAM	1	74	18.40	18.50	18.30	20.50
15	256QAM	36	0	18.56	18.57	18.44	20.50
15	256QAM	36	20	18.65	18.61	18.54	20.50
15	256QAM	36	39	18.60	18.65	18.54	20.50
15	256QAM	75	0	18.51	18.65	18.45	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.19	19.10	19.13	21.00
10	QPSK	1	25	18.91	19.03	18.97	21.00
10	QPSK	1	49	18.93	18.97	18.85	21.00
10	QPSK	25	0	19.01	19.10	19.10	21.00
10	QPSK	25	12	18.94	19.05	19.01	21.00
10	QPSK	25	25	18.90	19.09	18.92	21.00
10	QPSK	50	0	19.04	19.11	19.03	21.00
10	16QAM	1	0	18.83	18.89	18.91	21.00
10	16QAM	1	25	18.90	18.99	18.87	21.00
10	16QAM	1	49	18.84	18.98	18.79	21.00
10	16QAM	25	0	18.72	18.91	18.78	21.00



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10	16QAM	25	12	18.77	18.89	18.82	21.00
10	16QAM	25	25	18.94	19.02	18.86	21.00
10	16QAM	50	0	18.86	18.94	18.95	21.00
10	64QAM	1	0	18.87	19.05	18.84	21.00
10	64QAM	1	25	18.96	19.01	18.85	21.00
10	64QAM	1	49	18.81	18.89	18.71	21.00
10	64QAM	25	0	18.92	18.99	18.88	21.00
10	64QAM	25	12	18.82	18.99	18.92	21.00
10	64QAM	25	25	18.87	19.00	18.84	21.00
10	64QAM	50	0	18.85	18.95	18.93	21.00
10	256QAM	1	0	18.39	18.51	18.38	20.50
10	256QAM	1	25	18.26	18.51	18.32	20.50
10	256QAM	1	49	18.42	18.52	18.36	20.50
10	256QAM	25	0	18.50	18.64	18.45	20.50
10	256QAM	25	12	18.66	18.69	18.58	20.50
10	256QAM	25	25	18.64	18.63	18.57	20.50
10	256QAM	50	0	18.56	18.57	18.51	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.09	19.10	19.12	21.00
5	QPSK	1	12	18.89	19.01	18.98	21.00
5	QPSK	1	24	18.92	19.00	18.91	21.00
5	QPSK	12	0	19.06	19.17	19.07	21.00
5	QPSK	12	7	19.01	19.03	18.95	21.00
5	QPSK	12	13	18.95	19.09	18.99	21.00
5	QPSK	25	0	19.04	19.14	19.05	21.00
5	16QAM	1	0	18.77	19.01	18.91	21.00
5	16QAM	1	12	18.91	19.04	18.88	21.00
5	16QAM	1	24	18.93	18.95	18.81	21.00
5	16QAM	12	0	18.83	18.85	18.79	21.00
5	16QAM	12	7	18.78	18.90	18.89	21.00
5	16QAM	12	13	18.98	18.94	18.84	21.00
5	16QAM	25	0	18.84	19.01	18.89	21.00
5	64QAM	1	0	18.84	18.99	18.93	21.00
5	64QAM	1	12	18.98	18.98	18.88	21.00
5	64QAM	1	24	18.78	18.95	18.82	21.00
5	64QAM	12	0	18.84	18.99	18.78	21.00
5	64QAM	12	7	18.90	19.01	18.92	21.00
5	64QAM	12	13	18.81	19.05	18.89	21.00
5	64QAM	25	0	18.83	18.91	18.90	21.00
5	256QAM	1	0	18.34	18.46	18.32	20.50
5	256QAM	1	12	18.27	18.49	18.29	20.50
5	256QAM	1	24	18.45	18.48	18.27	20.50
5	256QAM	12	0	18.62	18.62	18.45	20.50
5	256QAM	12	7	18.64	18.66	18.47	20.50
5	256QAM	12	13	18.60	18.62	18.58	20.50
5	256QAM	25	0	18.59	18.60	18.57	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.10	19.14	19.20	21.00
3	QPSK	1	8	18.88	19.10	19.00	21.00
3	QPSK	1	14	18.86	19.05	18.82	21.00
3	QPSK	8	0	19.00	19.11	19.03	21.00
3	QPSK	8	4	18.92	19.07	18.96	21.00
3	QPSK	8	7	18.88	19.12	19.03	21.00
3	QPSK	15	0	19.08	19.17	19.03	21.00
3	16QAM	1	0	18.76	18.93	18.84	21.00
3	16QAM	1	8	18.91	19.02	18.82	21.00
3	16QAM	1	14	18.91	19.01	18.86	21.00
3	16QAM	8	0	18.83	18.86	18.83	21.00
3	16QAM	8	4	18.74	18.94	18.87	21.00
3	16QAM	8	7	18.93	18.94	18.82	21.00
3	16QAM	15	0	18.80	18.95	18.96	21.00
3	64QAM	1	0	18.90	19.06	18.84	21.00
3	64QAM	1	8	18.96	19.02	18.79	21.00
3	64QAM	1	14	18.79	18.88	18.78	21.00
3	64QAM	8	0	18.92	19.04	18.82	21.00
3	64QAM	8	4	18.92	19.03	18.80	21.00
3	64QAM	8	7	18.88	19.00	18.85	21.00
3	64QAM	15	0	18.85	18.93	18.97	21.00
3	256QAM	1	0	18.37	18.42	18.32	20.50
3	256QAM	1	8	18.31	18.41	18.24	20.50
3	256QAM	1	14	18.41	18.52	18.34	20.50
3	256QAM	8	0	18.58	18.59	18.52	20.50
3	256QAM	8	4	18.55	18.59	18.60	20.50
3	256QAM	8	7	18.57	18.71	18.51	20.50
3	256QAM	15	0	18.54	18.53	18.57	20.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.20	19.17	19.15	21.00
1.4	QPSK	1	3	18.98	19.06	19.00	21.00
1.4	QPSK	1	5	18.83	18.98	18.93	21.00
1.4	QPSK	3	0	19.03	19.15	19.01	21.00
1.4	QPSK	3	1	18.91	19.14	18.97	21.00
1.4	QPSK	3	3	18.98	19.09	18.96	21.00
1.4	QPSK	6	0	19.10	19.08	18.95	21.00
1.4	16QAM	1	0	18.81	18.95	18.86	21.00
1.4	16QAM	1	3	19.02	18.96	18.87	21.00
1.4	16QAM	1	5	18.90	19.04	18.85	21.00
1.4	16QAM	3	0	18.76	18.96	18.71	21.00
1.4	16QAM	3	1	18.76	19.00	18.84	21.00
1.4	16QAM	3	3	18.87	18.93	18.82	21.00
1.4	16QAM	6	0	18.87	18.95	18.88	21.00
1.4	64QAM	1	0	18.88	18.99	18.94	21.00
1.4	64QAM	1	3	18.89	19.00	18.84	21.00
1.4	64QAM	1	5	18.81	18.85	18.79	21.00
1.4	64QAM	3	0	18.84	19.01	18.80	21.00
1.4	64QAM	3	1	18.93	19.00	18.91	21.00
1.4	64QAM	3	3	18.85	19.04	18.88	21.00
1.4	64QAM	6	0	18.86	18.89	18.94	21.00
1.4	256QAM	1	0	18.36	18.50	18.38	20.50
1.4	256QAM	1	3	18.29	18.45	18.31	20.50
1.4	256QAM	1	5	18.38	18.43	18.28	20.50
1.4	256QAM	3	0	18.51	18.59	18.40	20.50
1.4	256QAM	3	1	18.68	18.61	18.61	20.50
1.4	256QAM	3	3	18.65	18.59	18.54	20.50
1.4	256QAM	6	0	18.53	18.62	18.48	20.50

【LTE Band 2_Ant 4_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.39	19.45	19.42	21.00
20	QPSK	1	49	19.12	19.24	19.07	21.00
20	QPSK	1	99	19.12	19.27	19.10	21.00
20	QPSK	50	0	19.37	19.43	19.39	21.00
20	QPSK	50	24	19.04	19.23	19.18	21.00
20	QPSK	50	50	19.15	19.27	19.12	21.00
20	QPSK	100	0	19.33	19.35	19.32	21.00
20	16QAM	1	0	19.08	19.24	19.06	21.00
20	16QAM	1	49	19.09	19.21	19.03	21.00
20	16QAM	1	99	19.17	19.30	19.21	21.00
20	16QAM	50	0	19.09	19.20	19.06	21.00
20	16QAM	50	24	19.00	19.21	19.04	21.00
20	16QAM	50	50	19.14	19.31	19.15	21.00
20	16QAM	100	0	19.08	19.22	19.14	21.00
20	64QAM	1	0	19.07	19.25	19.20	21.00
20	64QAM	1	49	19.00	19.17	19.02	21.00
20	64QAM	1	99	19.05	19.17	19.11	21.00
20	64QAM	50	0	19.06	19.22	19.06	21.00
20	64QAM	50	24	19.01	19.18	19.08	21.00
20	64QAM	50	50	19.11	19.21	19.05	21.00
20	64QAM	100	0	19.15	19.22	19.17	21.00
20	256QAM	1	0	18.61	18.70	18.56	20.50
20	256QAM	1	49	18.54	18.61	18.36	20.50
20	256QAM	1	99	18.51	18.65	18.50	20.50
20	256QAM	50	0	18.67	18.74	18.50	20.50
20	256QAM	50	24	18.64	18.72	18.57	20.50
20	256QAM	50	50	18.57	18.72	18.58	20.50
20	256QAM	100	0	18.70	18.74	18.61	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.26	19.32	19.38	21.00
15	QPSK	1	37	19.05	19.14	19.02	21.00
15	QPSK	1	74	19.11	19.23	19.08	21.00
15	QPSK	36	0	19.27	19.31	19.36	21.00
15	QPSK	36	20	18.94	19.09	19.06	21.00
15	QPSK	36	39	19.06	19.15	19.05	21.00
15	QPSK	75	0	19.18	19.25	19.30	21.00



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15	16QAM	1	0	18.99	19.18	19.00	21.00
15	16QAM	1	37	19.06	19.07	18.91	21.00
15	16QAM	1	74	19.12	19.24	19.19	21.00
15	16QAM	36	0	19.05	19.08	18.91	21.00
15	16QAM	36	20	18.98	19.10	18.96	21.00
15	16QAM	36	39	19.10	19.22	19.02	21.00
15	16QAM	75	0	19.00	19.10	19.03	21.00
15	64QAM	1	0	19.03	19.22	19.14	21.00
15	64QAM	1	37	18.93	19.16	18.94	21.00
15	64QAM	1	74	18.91	19.14	19.06	21.00
15	64QAM	36	0	19.04	19.20	19.01	21.00
15	64QAM	36	20	18.95	19.07	18.94	21.00
15	64QAM	36	39	18.99	19.14	18.95	21.00
15	64QAM	75	0	19.13	19.15	19.15	21.00
15	256QAM	1	0	18.53	18.69	18.45	20.50
15	256QAM	1	37	18.40	18.50	18.33	20.50
15	256QAM	1	74	18.44	18.62	18.35	20.50
15	256QAM	36	0	18.59	18.64	18.40	20.50
15	256QAM	36	20	18.53	18.65	18.48	20.50
15	256QAM	36	39	18.50	18.62	18.45	20.50
15	256QAM	75	0	18.62	18.72	18.51	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.37	19.39	19.30	21.00
10	QPSK	1	25	19.03	19.18	18.96	21.00
10	QPSK	1	49	19.00	19.22	19.04	21.00
10	QPSK	25	0	19.33	19.33	19.28	21.00
10	QPSK	25	12	18.99	19.20	19.13	21.00
10	QPSK	25	25	19.10	19.18	19.00	21.00
10	QPSK	50	0	19.29	19.21	19.30	21.00
10	16QAM	1	0	19.01	19.21	18.93	21.00
10	16QAM	1	25	19.01	19.12	18.96	21.00
10	16QAM	1	49	19.09	19.24	19.08	21.00
10	16QAM	25	0	19.07	19.16	18.95	21.00
10	16QAM	25	12	18.98	19.08	18.90	21.00
10	16QAM	25	25	19.13	19.22	19.01	21.00
10	16QAM	50	0	18.95	19.13	19.06	21.00
10	64QAM	1	0	18.94	19.22	19.17	21.00
10	64QAM	1	25	18.93	19.05	19.00	21.00
10	64QAM	1	49	19.03	19.16	19.03	21.00
10	64QAM	25	0	18.94	19.13	19.03	21.00
10	64QAM	25	12	18.86	19.08	18.99	21.00
10	64QAM	25	25	18.97	19.15	18.93	21.00
10	64QAM	50	0	19.05	19.16	19.05	21.00
10	256QAM	1	0	18.59	18.57	18.53	20.50
10	256QAM	1	25	18.44	18.58	18.30	20.50
10	256QAM	1	49	18.38	18.55	18.40	20.50
10	256QAM	25	0	18.61	18.64	18.42	20.50
10	256QAM	25	12	18.58	18.71	18.46	20.50
10	256QAM	25	25	18.54	18.59	18.45	20.50
10	256QAM	50	0	18.66	18.60	18.48	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.26	19.44	19.36	21.00
5	QPSK	1	12	19.11	19.16	18.97	21.00
5	QPSK	1	24	19.03	19.21	18.98	21.00
5	QPSK	12	0	19.33	19.37	19.36	21.00
5	QPSK	12	7	18.90	19.18	19.15	21.00
5	QPSK	12	13	19.10	19.19	19.11	21.00
5	QPSK	25	0	19.30	19.25	19.19	21.00
5	16QAM	1	0	18.96	19.12	18.96	21.00
5	16QAM	1	12	19.02	19.18	19.01	21.00
5	16QAM	1	24	19.15	19.28	19.18	21.00
5	16QAM	12	0	19.06	19.16	18.97	21.00
5	16QAM	12	7	18.86	19.07	18.90	21.00
5	16QAM	12	13	19.03	19.26	19.12	21.00
5	16QAM	25	0	19.03	19.21	19.07	21.00
5	64QAM	1	0	18.96	19.20	19.18	21.00
5	64QAM	1	12	18.91	19.02	18.98	21.00
5	64QAM	1	24	19.01	19.08	19.00	21.00
5	64QAM	12	0	18.94	19.10	19.04	21.00
5	64QAM	12	7	18.97	19.03	19.03	21.00
5	64QAM	12	13	18.98	19.11	19.01	21.00
5	64QAM	25	0	19.06	19.21	19.09	21.00
5	256QAM	1	0	18.58	18.62	18.49	20.50
5	256QAM	1	12	18.49	18.54	18.21	20.50
5	256QAM	1	24	18.48	18.58	18.48	20.50
5	256QAM	12	0	18.55	18.59	18.40	20.50



5	256QAM	12	7	18.56	18.62	18.53	20.50
5	256QAM	12	13	18.46	18.59	18.53	20.50
5	256QAM	25	0	18.56	18.61	18.47	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.31	19.32	19.30	21.00
3	QPSK	1	8	18.98	19.10	19.00	21.00
3	QPSK	1	14	19.06	19.19	19.05	21.00
3	QPSK	8	0	19.28	19.40	19.28	21.00
3	QPSK	8	4	18.96	19.12	19.11	21.00
3	QPSK	8	7	19.13	19.22	19.06	21.00
3	QPSK	15	0	19.28	19.25	19.27	21.00
3	16QAM	1	0	19.00	19.12	18.94	21.00
3	16QAM	1	8	19.05	19.16	18.92	21.00
3	16QAM	1	14	19.07	19.25	19.07	21.00
3	16QAM	8	0	19.04	19.19	19.04	21.00
3	16QAM	8	4	18.92	19.09	18.90	21.00
3	16QAM	8	7	19.01	19.16	19.01	21.00
3	16QAM	15	0	18.98	19.16	19.11	21.00
3	64QAM	1	0	19.00	19.21	19.17	21.00
3	64QAM	1	8	18.97	19.14	18.95	21.00
3	64QAM	1	14	18.99	19.09	19.05	21.00
3	64QAM	8	0	18.97	19.19	19.04	21.00
3	64QAM	8	4	18.97	19.17	18.99	21.00
3	64QAM	8	7	19.06	19.14	18.99	21.00
3	64QAM	15	0	19.03	19.16	19.04	21.00
3	256QAM	1	0	18.52	18.58	18.42	20.50
3	256QAM	1	8	18.49	18.56	18.31	20.50
3	256QAM	1	14	18.45	18.61	18.35	20.50
3	256QAM	8	0	18.55	18.61	18.44	20.50
3	256QAM	8	4	18.57	18.61	18.45	20.50
3	256QAM	8	7	18.52	18.63	18.48	20.50
3	256QAM	15	0	18.58	18.71	18.59	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.32	19.43	19.30	21.00
1.4	QPSK	1	3	19.02	19.16	18.96	21.00
1.4	QPSK	1	5	19.11	19.14	18.98	21.00
1.4	QPSK	3	0	19.28	19.37	19.36	21.00
1.4	QPSK	3	1	19.02	19.17	19.11	21.00
1.4	QPSK	3	3	19.07	19.18	19.03	21.00
1.4	QPSK	6	0	19.23	19.31	19.24	21.00
1.4	16QAM	1	0	19.06	19.12	18.95	21.00
1.4	16QAM	1	3	19.02	19.17	18.93	21.00
1.4	16QAM	1	5	19.09	19.23	19.19	21.00
1.4	16QAM	3	0	19.06	19.15	18.97	21.00
1.4	16QAM	3	1	18.90	19.10	18.89	21.00
1.4	16QAM	3	3	19.07	19.19	19.14	21.00
1.4	16QAM	6	0	18.95	19.13	19.09	21.00
1.4	64QAM	1	0	19.04	19.15	19.19	21.00
1.4	64QAM	1	3	18.99	19.05	18.96	21.00
1.4	64QAM	1	5	18.90	19.12	19.06	21.00
1.4	64QAM	3	0	18.93	19.08	18.96	21.00
1.4	64QAM	3	1	18.90	19.08	18.93	21.00
1.4	64QAM	3	3	18.99	19.13	18.97	21.00
1.4	64QAM	6	0	19.08	19.10	19.12	21.00
1.4	256QAM	1	0	18.47	18.58	18.50	20.50
1.4	256QAM	1	3	18.40	18.59	18.22	20.50
1.4	256QAM	1	5	18.46	18.51	18.38	20.50
1.4	256QAM	3	0	18.60	18.72	18.36	20.50
1.4	256QAM	3	1	18.51	18.63	18.54	20.50
1.4	256QAM	3	3	18.43	18.71	18.55	20.50
1.4	256QAM	6	0	18.66	18.69	18.46	20.50



【LTE Band 2_Ant 4_ECI5】

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	19.56	19.61	19.53	21.00
20	QPSK	1	49	19.32	19.46	19.26	21.00
20	QPSK	1	99	19.35	19.50	19.28	21.00
20	QPSK	50	0	19.46	19.53	19.44	21.00
20	QPSK	50	24	19.42	19.52	19.31	21.00
20	QPSK	50	50	19.37	19.50	19.34	21.00
20	QPSK	100	0	19.37	19.52	19.29	21.00
20	16QAM	1	0	19.35	19.45	19.27	21.00
20	16QAM	1	49	19.38	19.57	19.43	21.00
20	16QAM	1	99	19.31	19.47	19.27	21.00
20	16QAM	50	0	19.37	19.57	19.46	21.00
20	16QAM	50	24	19.30	19.49	19.33	21.00
20	16QAM	50	50	19.37	19.52	19.39	21.00
20	16QAM	100	0	19.36	19.48	19.25	21.00
20	64QAM	1	0	19.35	19.52	19.34	21.00
20	64QAM	1	49	19.33	19.46	19.29	21.00
20	64QAM	1	99	19.30	19.44	19.29	21.00
20	64QAM	50	0	19.40	19.52	19.35	21.00
20	64QAM	50	24	19.36	19.52	19.32	21.00
20	64QAM	50	50	19.46	19.53	19.32	21.00
20	64QAM	100	0	19.32	19.49	19.34	21.00
20	256QAM	1	0	19.32	19.52	19.32	20.00
20	256QAM	1	49	19.47	19.55	19.38	20.00
20	256QAM	1	99	19.37	19.50	19.39	20.00
20	256QAM	50	0	19.45	19.61	19.47	20.00
20	256QAM	50	24	19.26	19.46	19.31	20.00
20	256QAM	50	50	19.39	19.50	19.34	20.00
20	256QAM	100	0	19.47	19.53	19.42	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.53	19.59	19.47	21.00
15	QPSK	1	37	19.18	19.45	19.12	21.00
15	QPSK	1	74	19.28	19.46	19.25	21.00
15	QPSK	36	0	19.41	19.48	19.35	21.00
15	QPSK	36	20	19.28	19.48	19.29	21.00
15	QPSK	36	39	19.34	19.44	19.30	21.00
15	QPSK	75	0	19.35	19.47	19.20	21.00
15	16QAM	1	0	19.27	19.38	19.25	21.00
15	16QAM	1	37	19.24	19.56	19.38	21.00
15	16QAM	1	74	19.22	19.37	19.15	21.00
15	16QAM	36	0	19.32	19.51	19.39	21.00
15	16QAM	36	20	19.23	19.47	19.23	21.00
15	16QAM	36	39	19.36	19.41	19.35	21.00
15	16QAM	75	0	19.24	19.33	19.15	21.00
15	64QAM	1	0	19.34	19.47	19.32	21.00
15	64QAM	1	37	19.23	19.37	19.15	21.00
15	64QAM	1	74	19.26	19.29	19.19	21.00
15	64QAM	36	0	19.27	19.48	19.34	21.00
15	64QAM	36	20	19.34	19.44	19.19	21.00
15	64QAM	36	39	19.45	19.42	19.21	21.00
15	64QAM	75	0	19.29	19.42	19.24	21.00
15	256QAM	1	0	19.21	19.38	19.25	20.00
15	256QAM	1	37	19.46	19.47	19.30	20.00
15	256QAM	1	74	19.23	19.47	19.34	20.00
15	256QAM	36	0	19.35	19.54	19.40	20.00
15	256QAM	36	20	19.21	19.37	19.30	20.00
15	256QAM	36	39	19.25	19.44	19.24	20.00
15	256QAM	75	0	19.45	19.52	19.33	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.48	19.55	19.45	21.00
10	QPSK	1	25	19.18	19.38	19.18	21.00
10	QPSK	1	49	19.29	19.46	19.18	21.00
10	QPSK	25	0	19.44	19.42	19.32	21.00
10	QPSK	25	12	19.30	19.49	19.29	21.00
10	QPSK	25	25	19.30	19.47	19.20	21.00
10	QPSK	50	0	19.25	19.48	19.23	21.00
10	16QAM	1	0	19.33	19.32	19.23	21.00
10	16QAM	1	25	19.28	19.43	19.40	21.00
10	16QAM	1	49	19.27	19.45	19.16	21.00
10	16QAM	25	0	19.28	19.50	19.32	21.00



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10	16QAM	25	12	19.19	19.35	19.29	21.00
10	16QAM	25	25	19.24	19.37	19.25	21.00
10	16QAM	50	0	19.30	19.43	19.19	21.00
10	64QAM	1	0	19.28	19.39	19.27	21.00
10	64QAM	1	25	19.20	19.38	19.21	21.00
10	64QAM	1	49	19.29	19.40	19.24	21.00
10	64QAM	25	0	19.28	19.41	19.33	21.00
10	64QAM	25	12	19.29	19.37	19.28	21.00
10	64QAM	25	25	19.42	19.51	19.19	21.00
10	64QAM	50	0	19.27	19.35	19.20	21.00
10	256QAM	1	0	19.24	19.38	19.18	20.00
10	256QAM	1	25	19.37	19.45	19.31	20.00
10	256QAM	1	49	19.33	19.39	19.34	20.00
10	256QAM	25	0	19.32	19.57	19.35	20.00
10	256QAM	25	12	19.21	19.44	19.24	20.00
10	256QAM	25	25	19.35	19.46	19.20	20.00
10	256QAM	50	0	19.36	19.43	19.41	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.46	19.48	19.50	21.00
5	QPSK	1	12	19.25	19.32	19.18	21.00
5	QPSK	1	24	19.28	19.38	19.19	21.00
5	QPSK	12	0	19.33	19.40	19.40	21.00
5	QPSK	12	7	19.40	19.45	19.20	21.00
5	QPSK	12	13	19.25	19.41	19.28	21.00
5	QPSK	25	0	19.33	19.48	19.22	21.00
5	16QAM	1	0	19.22	19.34	19.16	21.00
5	16QAM	1	12	19.35	19.52	19.41	21.00
5	16QAM	1	24	19.22	19.36	19.17	21.00
5	16QAM	12	0	19.29	19.43	19.45	21.00
5	16QAM	12	7	19.23	19.39	19.30	21.00
5	16QAM	12	13	19.30	19.47	19.27	21.00
5	16QAM	25	0	19.23	19.43	19.19	21.00
5	64QAM	1	0	19.29	19.39	19.20	21.00
5	64QAM	1	12	19.32	19.32	19.17	21.00
5	64QAM	1	24	19.16	19.29	19.26	21.00
5	64QAM	12	0	19.29	19.44	19.29	21.00
5	64QAM	12	7	19.25	19.47	19.20	21.00
5	64QAM	12	13	19.38	19.52	19.21	21.00
5	64QAM	25	0	19.20	19.46	19.23	21.00
5	256QAM	1	0	19.25	19.37	19.18	20.00
5	256QAM	1	12	19.40	19.48	19.23	20.00
5	256QAM	1	24	19.26	19.35	19.33	20.00
5	256QAM	12	0	19.30	19.51	19.32	20.00
5	256QAM	12	7	19.22	19.34	19.23	20.00
5	256QAM	12	13	19.29	19.41	19.31	20.00
5	256QAM	25	0	19.46	19.50	19.37	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.42	19.59	19.42	21.00
3	QPSK	1	8	19.24	19.44	19.18	21.00
3	QPSK	1	14	19.32	19.43	19.13	21.00
3	QPSK	8	0	19.39	19.41	19.35	21.00
3	QPSK	8	4	19.29	19.45	19.23	21.00
3	QPSK	8	7	19.31	19.37	19.32	21.00
3	QPSK	15	0	19.24	19.46	19.21	21.00
3	16QAM	1	0	19.25	19.37	19.23	21.00
3	16QAM	1	8	19.32	19.51	19.38	21.00
3	16QAM	1	14	19.27	19.45	19.16	21.00
3	16QAM	8	0	19.33	19.43	19.37	21.00
3	16QAM	8	4	19.19	19.35	19.21	21.00
3	16QAM	8	7	19.25	19.38	19.34	21.00
3	16QAM	15	0	19.34	19.38	19.21	21.00
3	64QAM	1	0	19.31	19.37	19.27	21.00
3	64QAM	1	8	19.26	19.38	19.23	21.00
3	64QAM	1	14	19.19	19.42	19.20	21.00
3	64QAM	8	0	19.34	19.40	19.25	21.00
3	64QAM	8	4	19.34	19.46	19.29	21.00
3	64QAM	8	7	19.42	19.52	19.24	21.00
3	64QAM	15	0	19.22	19.46	19.23	21.00
3	256QAM	1	0	19.19	19.43	19.18	20.00
3	256QAM	1	8	19.45	19.44	19.29	20.00
3	256QAM	1	14	19.32	19.36	19.34	20.00
3	256QAM	8	0	19.40	19.48	19.40	20.00
3	256QAM	8	4	19.17	19.43	19.27	20.00
3	256QAM	8	7	19.27	19.45	19.31	20.00
3	256QAM	15	0	19.40	19.40	19.35	20.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.48	19.56	19.48	21.00
1.4	QPSK	1	3	19.22	19.43	19.14	21.00
1.4	QPSK	1	5	19.20	19.44	19.18	21.00
1.4	QPSK	3	0	19.33	19.50	19.30	21.00
1.4	QPSK	3	1	19.39	19.42	19.25	21.00
1.4	QPSK	3	3	19.33	19.41	19.20	21.00
1.4	QPSK	6	0	19.25	19.51	19.19	21.00
1.4	16QAM	1	0	19.27	19.37	19.19	21.00
1.4	16QAM	1	3	19.32	19.48	19.28	21.00
1.4	16QAM	1	5	19.17	19.46	19.20	21.00
1.4	16QAM	3	0	19.34	19.53	19.43	21.00
1.4	16QAM	3	1	19.24	19.46	19.20	21.00
1.4	16QAM	3	3	19.26	19.51	19.28	21.00
1.4	16QAM	6	0	19.23	19.44	19.20	21.00
1.4	64QAM	1	0	19.29	19.42	19.24	21.00
1.4	64QAM	1	3	19.20	19.38	19.21	21.00
1.4	64QAM	1	5	19.21	19.31	19.22	21.00
1.4	64QAM	3	0	19.31	19.47	19.26	21.00
1.4	64QAM	3	1	19.28	19.41	19.25	21.00
1.4	64QAM	3	3	19.38	19.42	19.22	21.00
1.4	64QAM	6	0	19.22	19.37	19.24	21.00
1.4	256QAM	1	0	19.25	19.49	19.21	20.00
1.4	256QAM	1	3	19.37	19.53	19.33	20.00
1.4	256QAM	1	5	19.27	19.37	19.31	20.00
1.4	256QAM	3	0	19.33	19.59	19.46	20.00
1.4	256QAM	3	1	19.13	19.44	19.30	20.00
1.4	256QAM	3	3	19.27	19.38	19.24	20.00
1.4	256QAM	6	0	19.32	19.43	19.29	20.00

【LTE Band 2_Ant 4_ECI5-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.21	19.24	19.23	21.00
20	QPSK	1	49	19.02	19.15	19.01	21.00
20	QPSK	1	99	18.95	19.07	18.96	21.00
20	QPSK	50	0	19.14	19.20	19.12	21.00
20	QPSK	50	24	19.03	19.15	19.06	21.00
20	QPSK	50	50	19.03	19.18	19.05	21.00
20	QPSK	100	0	19.11	19.19	19.15	21.00
20	16QAM	1	0	18.89	19.03	18.96	21.00
20	16QAM	1	49	19.04	19.09	18.96	21.00
20	16QAM	1	99	18.98	19.05	18.92	21.00
20	16QAM	50	0	18.86	18.98	18.86	21.00
20	16QAM	50	24	18.84	19.02	18.91	21.00
20	16QAM	50	50	19.00	19.04	18.92	21.00
20	16QAM	100	0	18.92	19.05	18.99	21.00
20	64QAM	1	0	18.93	19.10	18.96	21.00
20	64QAM	1	49	19.01	19.06	18.92	21.00
20	64QAM	1	99	18.88	18.99	18.84	21.00
20	64QAM	50	0	18.94	19.05	18.92	21.00
20	64QAM	50	24	18.95	19.08	18.95	21.00
20	64QAM	50	50	18.90	19.06	18.97	21.00
20	64QAM	100	0	18.91	19.04	18.98	21.00
20	256QAM	1	0	18.48	18.55	18.44	20.50
20	256QAM	1	49	18.40	18.55	18.35	20.50
20	256QAM	1	99	18.51	18.58	18.39	20.50
20	256QAM	50	0	18.63	18.68	18.54	20.50
20	256QAM	50	24	18.70	18.74	18.62	20.50
20	256QAM	50	50	18.70	18.72	18.61	20.50
20	256QAM	100	0	18.60	18.68	18.59	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.06	19.22	19.11	21.00
15	QPSK	1	37	18.95	19.04	18.93	21.00
15	QPSK	1	74	18.80	18.95	18.82	21.00
15	QPSK	36	0	19.03	19.16	19.02	21.00
15	QPSK	36	20	18.97	19.04	18.96	21.00
15	QPSK	36	39	18.91	19.15	18.91	21.00
15	QPSK	75	0	19.05	19.12	19.02	21.00



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15	16QAM	1	0	18.85	18.96	18.92	21.00
15	16QAM	1	37	18.99	19.01	18.95	21.00
15	16QAM	1	74	18.88	18.97	18.85	21.00
15	16QAM	36	0	18.84	18.88	18.84	21.00
15	16QAM	36	20	18.81	18.90	18.84	21.00
15	16QAM	36	39	18.92	18.91	18.79	21.00
15	16QAM	75	0	18.89	18.91	18.95	21.00
15	64QAM	1	0	18.84	19.00	18.83	21.00
15	64QAM	1	37	18.87	18.97	18.85	21.00
15	64QAM	1	74	18.76	18.93	18.73	21.00
15	64QAM	36	0	18.90	18.92	18.87	21.00
15	64QAM	36	20	18.81	19.07	18.83	21.00
15	64QAM	36	39	18.82	18.96	18.85	21.00
15	64QAM	75	0	18.85	18.97	18.88	21.00
15	256QAM	1	0	18.37	18.46	18.41	20.50
15	256QAM	1	37	18.36	18.45	18.25	20.50
15	256QAM	1	74	18.40	18.50	18.30	20.50
15	256QAM	36	0	18.56	18.57	18.44	20.50
15	256QAM	36	20	18.65	18.61	18.54	20.50
15	256QAM	36	39	18.60	18.65	18.54	20.50
15	256QAM	75	0	18.51	18.65	18.45	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.19	19.10	19.13	21.00
10	QPSK	1	25	18.91	19.03	18.97	21.00
10	QPSK	1	49	18.93	18.97	18.85	21.00
10	QPSK	25	0	19.01	19.10	19.10	21.00
10	QPSK	25	12	18.94	19.05	19.01	21.00
10	QPSK	25	25	18.90	19.09	18.92	21.00
10	QPSK	50	0	19.04	19.11	19.03	21.00
10	16QAM	1	0	18.83	18.89	18.91	21.00
10	16QAM	1	25	18.90	18.99	18.87	21.00
10	16QAM	1	49	18.84	18.98	18.79	21.00
10	16QAM	25	0	18.72	18.91	18.78	21.00
10	16QAM	25	12	18.77	18.89	18.82	21.00
10	16QAM	25	25	18.94	19.02	18.86	21.00
10	16QAM	50	0	18.86	18.94	18.95	21.00
10	64QAM	1	0	18.87	19.05	18.84	21.00
10	64QAM	1	25	18.96	19.01	18.85	21.00
10	64QAM	1	49	18.81	18.89	18.71	21.00
10	64QAM	25	0	18.92	18.99	18.88	21.00
10	64QAM	25	12	18.82	18.99	18.92	21.00
10	64QAM	25	25	18.87	19.00	18.84	21.00
10	64QAM	50	0	18.85	18.95	18.93	21.00
10	256QAM	1	0	18.39	18.51	18.38	20.50
10	256QAM	1	25	18.26	18.51	18.32	20.50
10	256QAM	1	49	18.42	18.52	18.36	20.50
10	256QAM	25	0	18.50	18.64	18.45	20.50
10	256QAM	25	12	18.66	18.69	18.58	20.50
10	256QAM	25	25	18.64	18.63	18.57	20.50
10	256QAM	50	0	18.56	18.57	18.51	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.09	19.10	19.12	21.00
5	QPSK	1	12	18.89	19.01	18.98	21.00
5	QPSK	1	24	18.92	19.00	18.91	21.00
5	QPSK	12	0	19.06	19.17	19.07	21.00
5	QPSK	12	7	19.01	19.03	18.95	21.00
5	QPSK	12	13	18.95	19.09	18.99	21.00
5	QPSK	25	0	19.04	19.14	19.05	21.00
5	16QAM	1	0	18.77	19.01	18.91	21.00
5	16QAM	1	12	18.91	19.04	18.88	21.00
5	16QAM	1	24	18.93	18.95	18.81	21.00
5	16QAM	12	0	18.83	18.85	18.79	21.00
5	16QAM	12	7	18.78	18.90	18.89	21.00
5	16QAM	12	13	18.98	18.94	18.84	21.00
5	16QAM	25	0	18.84	19.01	18.89	21.00
5	64QAM	1	0	18.84	18.99	18.93	21.00
5	64QAM	1	12	18.98	18.98	18.88	21.00
5	64QAM	1	24	18.78	18.95	18.82	21.00
5	64QAM	12	0	18.84	18.99	18.78	21.00
5	64QAM	12	7	18.90	19.01	18.92	21.00
5	64QAM	12	13	18.81	19.05	18.89	21.00
5	64QAM	25	0	18.83	18.91	18.90	21.00
5	256QAM	1	0	18.34	18.46	18.32	20.50
5	256QAM	1	12	18.27	18.49	18.29	20.50
5	256QAM	1	24	18.45	18.48	18.27	20.50
5	256QAM	12	0	18.62	18.62	18.45	20.50



5	256QAM	12	7	18.64	18.66	18.47	20.50
5	256QAM	12	13	18.60	18.62	18.58	20.50
5	256QAM	25	0	18.59	18.60	18.57	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.10	19.14	19.20	21.00
3	QPSK	1	8	18.88	19.10	19.00	21.00
3	QPSK	1	14	18.86	19.05	18.82	21.00
3	QPSK	8	0	19.00	19.11	19.03	21.00
3	QPSK	8	4	18.92	19.07	18.96	21.00
3	QPSK	8	7	18.88	19.12	19.03	21.00
3	QPSK	15	0	19.08	19.17	19.03	21.00
3	16QAM	1	0	18.76	18.93	18.84	21.00
3	16QAM	1	8	18.91	19.02	18.82	21.00
3	16QAM	1	14	18.91	19.01	18.86	21.00
3	16QAM	8	0	18.83	18.86	18.83	21.00
3	16QAM	8	4	18.74	18.94	18.87	21.00
3	16QAM	8	7	18.93	18.94	18.82	21.00
3	16QAM	15	0	18.80	18.95	18.96	21.00
3	64QAM	1	0	18.90	19.06	18.84	21.00
3	64QAM	1	8	18.96	19.02	18.79	21.00
3	64QAM	1	14	18.79	18.88	18.78	21.00
3	64QAM	8	0	18.92	19.04	18.82	21.00
3	64QAM	8	4	18.92	19.03	18.80	21.00
3	64QAM	8	7	18.88	19.00	18.85	21.00
3	64QAM	15	0	18.85	18.93	18.97	21.00
3	256QAM	1	0	18.37	18.42	18.32	20.50
3	256QAM	1	8	18.31	18.41	18.24	20.50
3	256QAM	1	14	18.41	18.52	18.34	20.50
3	256QAM	8	0	18.58	18.59	18.52	20.50
3	256QAM	8	4	18.55	18.59	18.60	20.50
3	256QAM	8	7	18.57	18.71	18.51	20.50
3	256QAM	15	0	18.54	18.53	18.57	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.20	19.17	19.15	21.00
1.4	QPSK	1	3	18.98	19.06	19.00	21.00
1.4	QPSK	1	5	18.83	18.98	18.93	21.00
1.4	QPSK	3	0	19.03	19.15	19.01	21.00
1.4	QPSK	3	1	18.91	19.14	18.97	21.00
1.4	QPSK	3	3	18.98	19.09	18.96	21.00
1.4	QPSK	6	0	19.10	19.08	18.95	21.00
1.4	16QAM	1	0	18.81	18.95	18.86	21.00
1.4	16QAM	1	3	19.02	18.96	18.87	21.00
1.4	16QAM	1	5	18.90	19.04	18.85	21.00
1.4	16QAM	3	0	18.76	18.96	18.71	21.00
1.4	16QAM	3	1	18.76	19.00	18.84	21.00
1.4	16QAM	3	3	18.87	18.93	18.82	21.00
1.4	16QAM	6	0	18.87	18.95	18.88	21.00
1.4	64QAM	1	0	18.88	18.99	18.94	21.00
1.4	64QAM	1	3	18.89	19.00	18.84	21.00
1.4	64QAM	1	5	18.81	18.85	18.79	21.00
1.4	64QAM	3	0	18.84	19.01	18.80	21.00
1.4	64QAM	3	1	18.93	19.00	18.91	21.00
1.4	64QAM	3	3	18.85	19.04	18.88	21.00
1.4	64QAM	6	0	18.86	18.89	18.94	21.00
1.4	256QAM	1	0	18.36	18.50	18.38	20.50
1.4	256QAM	1	3	18.29	18.45	18.31	20.50
1.4	256QAM	1	5	18.38	18.43	18.28	20.50
1.4	256QAM	3	0	18.51	18.59	18.40	20.50
1.4	256QAM	3	1	18.68	18.61	18.61	20.50
1.4	256QAM	3	3	18.65	18.59	18.54	20.50
1.4	256QAM	6	0	18.53	18.62	18.48	20.50

【LTE Band 2_Ant 4_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.39	19.45	19.42	21.00
20	QPSK	1	49	19.12	19.24	19.07	21.00
20	QPSK	1	99	19.12	19.27	19.10	21.00
20	QPSK	50	0	19.37	19.43	19.39	21.00
20	QPSK	50	24	19.04	19.23	19.18	21.00
20	QPSK	50	50	19.15	19.27	19.12	21.00
20	QPSK	100	0	19.33	19.35	19.32	21.00
20	16QAM	1	0	19.08	19.24	19.06	21.00
20	16QAM	1	49	19.09	19.21	19.03	21.00
20	16QAM	1	99	19.17	19.30	19.21	21.00
20	16QAM	50	0	19.09	19.20	19.06	21.00
20	16QAM	50	24	19.00	19.21	19.04	21.00
20	16QAM	50	50	19.14	19.31	19.15	21.00
20	16QAM	100	0	19.08	19.22	19.14	21.00
20	64QAM	1	0	19.07	19.25	19.20	21.00
20	64QAM	1	49	19.00	19.17	19.02	21.00
20	64QAM	1	99	19.05	19.17	19.11	21.00
20	64QAM	50	0	19.06	19.22	19.06	21.00
20	64QAM	50	24	19.01	19.18	19.08	21.00
20	64QAM	50	50	19.11	19.21	19.05	21.00
20	64QAM	100	0	19.15	19.22	19.17	21.00
20	256QAM	1	0	18.61	18.70	18.56	20.50
20	256QAM	1	49	18.54	18.61	18.36	20.50
20	256QAM	1	99	18.51	18.65	18.50	20.50
20	256QAM	50	0	18.67	18.74	18.50	20.50
20	256QAM	50	24	18.64	18.72	18.57	20.50
20	256QAM	50	50	18.57	18.72	18.58	20.50
20	256QAM	100	0	18.70	18.74	18.61	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.26	19.32	19.38	21.00
15	QPSK	1	37	19.05	19.14	19.02	21.00
15	QPSK	1	74	19.11	19.23	19.08	21.00
15	QPSK	36	0	19.27	19.31	19.36	21.00
15	QPSK	36	20	18.94	19.09	19.06	21.00
15	QPSK	36	39	19.06	19.15	19.05	21.00
15	QPSK	75	0	19.18	19.25	19.30	21.00
15	16QAM	1	0	18.99	19.18	19.00	21.00
15	16QAM	1	37	19.06	19.07	18.91	21.00
15	16QAM	1	74	19.12	19.24	19.19	21.00
15	16QAM	36	0	19.05	19.08	18.91	21.00
15	16QAM	36	20	18.98	19.10	18.96	21.00
15	16QAM	36	39	19.10	19.22	19.02	21.00
15	16QAM	75	0	19.00	19.10	19.03	21.00
15	64QAM	1	0	19.03	19.22	19.14	21.00
15	64QAM	1	37	18.93	19.16	18.94	21.00
15	64QAM	1	74	18.91	19.14	19.06	21.00
15	64QAM	36	0	19.04	19.20	19.01	21.00
15	64QAM	36	20	18.95	19.07	18.94	21.00
15	64QAM	36	39	18.99	19.14	18.95	21.00
15	64QAM	75	0	19.13	19.15	19.15	21.00
15	256QAM	1	0	18.53	18.69	18.45	20.50
15	256QAM	1	37	18.40	18.50	18.33	20.50
15	256QAM	1	74	18.44	18.62	18.35	20.50
15	256QAM	36	0	18.59	18.64	18.40	20.50
15	256QAM	36	20	18.53	18.65	18.48	20.50
15	256QAM	36	39	18.50	18.62	18.45	20.50
15	256QAM	75	0	18.62	18.72	18.51	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.37	19.39	19.30	21.00
10	QPSK	1	25	19.03	19.18	18.96	21.00
10	QPSK	1	49	19.00	19.22	19.04	21.00
10	QPSK	25	0	19.33	19.33	19.28	21.00
10	QPSK	25	12	18.99	19.20	19.13	21.00
10	QPSK	25	25	19.10	19.18	19.00	21.00
10	QPSK	50	0	19.29	19.21	19.30	21.00
10	16QAM	1	0	19.01	19.21	18.93	21.00
10	16QAM	1	25	19.01	19.12	18.96	21.00
10	16QAM	1	49	19.09	19.24	19.08	21.00
10	16QAM	25	0	19.07	19.16	18.95	21.00



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10	16QAM	25	12	18.98	19.08	18.90	21.00
10	16QAM	25	25	19.13	19.22	19.01	21.00
10	16QAM	50	0	18.95	19.13	19.06	21.00
10	64QAM	1	0	18.94	19.22	19.17	21.00
10	64QAM	1	25	18.93	19.05	19.00	21.00
10	64QAM	1	49	19.03	19.16	19.03	21.00
10	64QAM	25	0	18.94	19.13	19.03	21.00
10	64QAM	25	12	18.86	19.08	18.99	21.00
10	64QAM	25	25	18.97	19.15	18.93	21.00
10	64QAM	50	0	19.05	19.16	19.05	21.00
10	256QAM	1	0	18.59	18.57	18.53	20.50
10	256QAM	1	25	18.44	18.58	18.30	20.50
10	256QAM	1	49	18.38	18.55	18.40	20.50
10	256QAM	25	0	18.61	18.64	18.42	20.50
10	256QAM	25	12	18.58	18.71	18.46	20.50
10	256QAM	25	25	18.54	18.59	18.45	20.50
10	256QAM	50	0	18.66	18.60	18.48	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.26	19.44	19.36	21.00
5	QPSK	1	12	19.11	19.16	18.97	21.00
5	QPSK	1	24	19.03	19.21	18.98	21.00
5	QPSK	12	0	19.33	19.37	19.36	21.00
5	QPSK	12	7	18.90	19.18	19.15	21.00
5	QPSK	12	13	19.10	19.19	19.11	21.00
5	QPSK	25	0	19.30	19.25	19.19	21.00
5	16QAM	1	0	18.96	19.12	18.96	21.00
5	16QAM	1	12	19.02	19.18	19.01	21.00
5	16QAM	1	24	19.15	19.28	19.18	21.00
5	16QAM	12	0	19.06	19.16	18.97	21.00
5	16QAM	12	7	18.86	19.07	18.90	21.00
5	16QAM	12	13	19.03	19.26	19.12	21.00
5	16QAM	25	0	19.03	19.21	19.07	21.00
5	64QAM	1	0	18.96	19.20	19.18	21.00
5	64QAM	1	12	18.91	19.02	18.98	21.00
5	64QAM	1	24	19.01	19.08	19.00	21.00
5	64QAM	12	0	18.94	19.10	19.04	21.00
5	64QAM	12	7	18.97	19.03	19.03	21.00
5	64QAM	12	13	18.98	19.11	19.01	21.00
5	64QAM	25	0	19.06	19.21	19.09	21.00
5	256QAM	1	0	18.58	18.62	18.49	20.50
5	256QAM	1	12	18.49	18.54	18.21	20.50
5	256QAM	1	24	18.48	18.58	18.48	20.50
5	256QAM	12	0	18.55	18.59	18.40	20.50
5	256QAM	12	7	18.56	18.62	18.53	20.50
5	256QAM	12	13	18.46	18.59	18.53	20.50
5	256QAM	25	0	18.56	18.61	18.47	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.31	19.32	19.30	21.00
3	QPSK	1	8	18.98	19.10	19.00	21.00
3	QPSK	1	14	19.06	19.19	19.05	21.00
3	QPSK	8	0	19.28	19.40	19.28	21.00
3	QPSK	8	4	18.96	19.12	19.11	21.00
3	QPSK	8	7	19.13	19.22	19.06	21.00
3	QPSK	15	0	19.28	19.25	19.27	21.00
3	16QAM	1	0	19.00	19.12	18.94	21.00
3	16QAM	1	8	19.05	19.16	18.92	21.00
3	16QAM	1	14	19.07	19.25	19.07	21.00
3	16QAM	8	0	19.04	19.19	19.04	21.00
3	16QAM	8	4	18.92	19.09	18.90	21.00
3	16QAM	8	7	19.01	19.16	19.01	21.00
3	16QAM	15	0	18.98	19.16	19.11	21.00
3	64QAM	1	0	19.00	19.21	19.17	21.00
3	64QAM	1	8	18.97	19.14	18.95	21.00
3	64QAM	1	14	18.99	19.09	19.05	21.00
3	64QAM	8	0	18.97	19.19	19.04	21.00
3	64QAM	8	4	18.97	19.17	18.99	21.00
3	64QAM	8	7	19.06	19.14	18.99	21.00
3	64QAM	15	0	19.03	19.16	19.04	21.00
3	256QAM	1	0	18.52	18.58	18.42	20.50
3	256QAM	1	8	18.49	18.56	18.31	20.50
3	256QAM	1	14	18.45	18.61	18.35	20.50
3	256QAM	8	0	18.55	18.61	18.44	20.50
3	256QAM	8	4	18.57	18.61	18.45	20.50
3	256QAM	8	7	18.52	18.63	18.48	20.50
3	256QAM	15	0	18.58	18.71	18.59	20.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.32	19.43	19.30	21.00
1.4	QPSK	1	3	19.02	19.16	18.96	21.00
1.4	QPSK	1	5	19.11	19.14	18.98	21.00
1.4	QPSK	3	0	19.28	19.37	19.36	21.00
1.4	QPSK	3	1	19.02	19.17	19.11	21.00
1.4	QPSK	3	3	19.07	19.18	19.03	21.00
1.4	QPSK	6	0	19.23	19.31	19.24	21.00
1.4	16QAM	1	0	19.06	19.12	18.95	21.00
1.4	16QAM	1	3	19.02	19.17	18.93	21.00
1.4	16QAM	1	5	19.09	19.23	19.19	21.00
1.4	16QAM	3	0	19.06	19.15	18.97	21.00
1.4	16QAM	3	1	18.90	19.10	18.89	21.00
1.4	16QAM	3	3	19.07	19.19	19.14	21.00
1.4	16QAM	6	0	18.95	19.13	19.09	21.00
1.4	64QAM	1	0	19.04	19.15	19.19	21.00
1.4	64QAM	1	3	18.99	19.05	18.96	21.00
1.4	64QAM	1	5	18.90	19.12	19.06	21.00
1.4	64QAM	3	0	18.93	19.08	18.96	21.00
1.4	64QAM	3	1	18.90	19.08	18.93	21.00
1.4	64QAM	3	3	18.99	19.13	18.97	21.00
1.4	64QAM	6	0	19.08	19.10	19.12	21.00
1.4	256QAM	1	0	18.47	18.58	18.50	20.50
1.4	256QAM	1	3	18.40	18.59	18.22	20.50
1.4	256QAM	1	5	18.46	18.51	18.38	20.50
1.4	256QAM	3	0	18.60	18.72	18.36	20.50
1.4	256QAM	3	1	18.51	18.63	18.54	20.50
1.4	256QAM	3	3	18.43	18.71	18.55	20.50
1.4	256QAM	6	0	18.66	18.69	18.46	20.50

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.51	22.53	22.30	24.00
20	QPSK	1	49	22.18	22.23	21.92	24.00
20	QPSK	1	99	22.23	22.31	22.07	24.00
20	QPSK	50	0	21.27	21.39	21.14	23.00
20	QPSK	50	24	21.23	21.35	21.03	23.00
20	QPSK	50	50	21.21	21.37	21.10	23.00
20	QPSK	100	0	21.28	21.36	21.03	23.00
20	16QAM	1	0	21.57	21.71	21.46	23.00
20	16QAM	1	49	21.46	21.54	21.22	23.00
20	16QAM	1	99	21.60	21.69	21.34	23.00
20	16QAM	50	0	20.36	20.40	20.09	22.00
20	16QAM	50	24	20.35	20.38	20.10	22.00
20	16QAM	50	50	20.33	20.37	20.15	22.00
20	16QAM	100	0	20.30	20.38	20.13	22.00
20	64QAM	1	0	20.51	20.67	20.38	22.00
20	64QAM	1	49	20.37	20.53	20.20	22.00
20	64QAM	1	99	20.54	20.62	20.33	22.00
20	64QAM	50	0	19.29	19.41	19.15	21.00
20	64QAM	50	24	19.24	19.39	19.14	21.00
20	64QAM	50	50	19.35	19.43	19.19	21.00
20	64QAM	100	0	19.30	19.41	19.10	21.00
20	256QAM	1	0	17.66	17.72	17.39	19.00
20	256QAM	1	49	17.59	17.68	17.46	19.00
20	256QAM	1	99	17.48	17.62	17.33	19.00
20	256QAM	50	0	17.40	17.44	17.24	19.00
20	256QAM	50	24	17.32	17.40	17.10	19.00
20	256QAM	50	50	17.27	17.42	17.11	19.00
20	256QAM	100	0	17.38	17.43	17.15	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.45	22.48	22.17	24.00
15	QPSK	1	37	22.13	22.17	21.87	24.00
15	QPSK	1	74	22.11	22.26	21.94	24.00
15	QPSK	36	0	21.24	21.25	21.00	23.00
15	QPSK	36	20	21.10	21.24	20.93	23.00
15	QPSK	36	39	21.12	21.33	21.00	23.00
15	QPSK	75	0	21.17	21.23	20.96	23.00



15	16QAM	1	0	21.51	21.57	21.44	23.00
15	16QAM	1	37	21.34	21.47	21.10	23.00
15	16QAM	1	74	21.49	21.65	21.33	23.00
15	16QAM	36	0	20.33	20.28	20.06	22.00
15	16QAM	36	20	20.30	20.26	20.04	22.00
15	16QAM	36	39	20.27	20.35	20.13	22.00
15	16QAM	75	0	20.24	20.27	20.06	22.00
15	64QAM	1	0	20.38	20.58	20.30	22.00
15	64QAM	1	37	20.22	20.47	20.12	22.00
15	64QAM	1	74	20.51	20.50	20.27	22.00
15	64QAM	36	0	19.25	19.38	19.02	21.00
15	64QAM	36	20	19.21	19.34	19.06	21.00
15	64QAM	36	39	19.31	19.39	19.06	21.00
15	64QAM	75	0	19.28	19.35	19.02	21.00
15	256QAM	1	0	17.59	17.71	17.30	19.00
15	256QAM	1	37	17.44	17.53	17.44	19.00
15	256QAM	1	74	17.38	17.55	17.25	19.00
15	256QAM	36	0	17.26	17.39	17.16	19.00
15	256QAM	36	20	17.21	17.30	16.98	19.00
15	256QAM	36	39	17.19	17.33	16.97	19.00
15	256QAM	75	0	17.31	17.40	17.02	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.41	22.39	22.28	24.00
10	QPSK	1	25	22.14	22.20	21.83	24.00
10	QPSK	1	49	22.10	22.20	21.97	24.00
10	QPSK	25	0	21.22	21.29	20.99	23.00
10	QPSK	25	12	21.11	21.22	20.93	23.00
10	QPSK	25	25	21.14	21.33	21.03	23.00
10	QPSK	50	0	21.24	21.26	20.99	23.00
10	16QAM	1	0	21.45	21.57	21.35	23.00
10	16QAM	1	25	21.39	21.41	21.17	23.00
10	16QAM	1	49	21.53	21.57	21.21	23.00
10	16QAM	25	0	20.21	20.36	20.07	22.00
10	16QAM	25	12	20.28	20.32	19.99	22.00
10	16QAM	25	25	20.22	20.35	20.12	22.00
10	16QAM	50	0	20.24	20.25	20.02	22.00
10	64QAM	1	0	20.45	20.62	20.33	22.00
10	64QAM	1	25	20.35	20.48	20.07	22.00
10	64QAM	1	49	20.51	20.49	20.22	22.00
10	64QAM	25	0	19.22	19.32	19.07	21.00
10	64QAM	25	12	19.15	19.38	19.08	21.00
10	64QAM	25	25	19.31	19.40	19.17	21.00
10	64QAM	50	0	19.19	19.28	18.98	21.00
10	256QAM	1	0	17.59	17.71	17.29	19.00
10	256QAM	1	25	17.46	17.62	17.36	19.00
10	256QAM	1	49	17.41	17.60	17.22	19.00
10	256QAM	25	0	17.34	17.30	17.12	19.00
10	256QAM	25	12	17.21	17.34	17.03	19.00
10	256QAM	25	25	17.22	17.28	17.07	19.00
10	256QAM	50	0	17.36	17.34	17.03	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.41	22.47	22.15	24.00
5	QPSK	1	12	22.05	22.12	21.91	24.00
5	QPSK	1	24	22.12	22.23	22.01	24.00
5	QPSK	12	0	21.14	21.37	21.12	23.00
5	QPSK	12	7	21.11	21.22	20.90	23.00
5	QPSK	12	13	21.07	21.23	21.00	23.00
5	QPSK	25	0	21.18	21.27	21.02	23.00
5	16QAM	1	0	21.48	21.57	21.42	23.00
5	16QAM	1	12	21.39	21.41	21.18	23.00
5	16QAM	1	24	21.57	21.61	21.28	23.00
5	16QAM	12	0	20.22	20.34	19.95	22.00
5	16QAM	12	7	20.21	20.26	19.99	22.00
5	16QAM	12	13	20.23	20.22	20.00	22.00
5	16QAM	25	0	20.26	20.29	20.02	22.00
5	64QAM	1	0	20.49	20.55	20.35	22.00
5	64QAM	1	12	20.30	20.42	20.12	22.00
5	64QAM	1	24	20.52	20.54	20.19	22.00
5	64QAM	12	0	19.14	19.33	19.03	21.00
5	64QAM	12	7	19.16	19.35	19.13	21.00
5	64QAM	12	13	19.20	19.32	19.16	21.00
5	64QAM	25	0	19.27	19.33	19.01	21.00
5	256QAM	1	0	17.59	17.65	17.33	19.00
5	256QAM	1	12	17.51	17.66	17.43	19.00
5	256QAM	1	24	17.35	17.47	17.28	19.00
5	256QAM	12	0	17.35	17.32	17.10	19.00



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5	256QAM	12	7	17.20	17.30	16.98	19.00
5	256QAM	12	13	17.15	17.30	17.08	19.00
5	256QAM	25	0	17.27	17.30	17.12	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.38	22.45	22.18	24.00
3	QPSK	1	8	22.15	22.11	21.81	24.00
3	QPSK	1	14	22.22	22.27	22.04	24.00
3	QPSK	8	0	21.20	21.24	21.03	23.00
3	QPSK	8	4	21.18	21.34	20.98	23.00
3	QPSK	8	7	21.12	21.32	20.99	23.00
3	QPSK	15	0	21.26	21.32	20.98	23.00
3	16QAM	1	0	21.52	21.59	21.38	23.00
3	16QAM	1	8	21.40	21.51	21.14	23.00
3	16QAM	1	14	21.56	21.58	21.23	23.00
3	16QAM	8	0	20.34	20.29	20.04	22.00
3	16QAM	8	4	20.22	20.33	20.03	22.00
3	16QAM	8	7	20.18	20.36	20.05	22.00
3	16QAM	15	0	20.22	20.34	20.06	22.00
3	64QAM	1	0	20.46	20.53	20.25	22.00
3	64QAM	1	8	20.35	20.44	20.14	22.00
3	64QAM	1	14	20.49	20.59	20.27	22.00
3	64QAM	8	0	19.23	19.28	19.06	21.00
3	64QAM	8	4	19.14	19.34	19.05	21.00
3	64QAM	8	7	19.23	19.37	19.11	21.00
3	64QAM	15	0	19.20	19.35	19.07	21.00
3	256QAM	1	0	17.59	17.71	17.28	19.00
3	256QAM	1	8	17.56	17.56	17.33	19.00
3	256QAM	1	14	17.37	17.55	17.30	19.00
3	256QAM	8	0	17.34	17.33	17.09	19.00
3	256QAM	8	4	17.20	17.35	17.01	19.00
3	256QAM	8	7	17.23	17.35	16.99	19.00
3	256QAM	15	0	17.36	17.39	17.01	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.42	22.45	22.21	24.00
1.4	QPSK	1	3	22.08	22.20	21.78	24.00
1.4	QPSK	1	5	22.09	22.25	21.96	24.00
1.4	QPSK	3	0	22.15	22.31	22.10	24.00
1.4	QPSK	3	1	22.15	22.21	21.92	24.00
1.4	QPSK	3	3	22.07	22.32	22.09	24.00
1.4	QPSK	6	0	21.25	21.26	20.95	23.00
1.4	16QAM	1	0	21.43	21.59	21.40	23.00
1.4	16QAM	1	3	21.34	21.52	21.08	23.00
1.4	16QAM	1	5	21.53	21.57	21.26	23.00
1.4	16QAM	3	0	21.30	21.35	20.97	23.00
1.4	16QAM	3	1	21.26	21.31	21.00	23.00
1.4	16QAM	3	3	21.20	21.29	21.12	23.00
1.4	16QAM	6	0	20.22	20.34	20.00	22.00
1.4	64QAM	1	0	20.38	20.66	20.33	22.00
1.4	64QAM	1	3	20.31	20.39	20.14	22.00
1.4	64QAM	1	5	20.47	20.58	20.26	22.00
1.4	64QAM	3	0	20.18	20.35	20.01	22.00
1.4	64QAM	3	1	20.21	20.35	20.12	22.00
1.4	64QAM	3	3	20.33	20.33	20.07	22.00
1.4	64QAM	6	0	19.21	19.27	19.00	21.00
1.4	256QAM	1	0	17.59	17.68	17.28	19.00
1.4	256QAM	1	3	17.55	17.61	17.35	19.00
1.4	256QAM	1	5	17.34	17.54	17.26	19.00
1.4	256QAM	3	0	17.33	17.31	17.13	19.00
1.4	256QAM	3	1	17.17	17.35	17.05	19.00
1.4	256QAM	3	3	17.16	17.31	17.09	19.00
1.4	256QAM	6	0	17.34	17.28	17.02	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.76	22.76	22.71	24.50
20	QPSK	1	49	22.65	22.68	22.56	24.50
20	QPSK	1	99	22.75	22.67	22.59	24.50
20	QPSK	50	0	21.64	21.73	21.62	23.50
20	QPSK	50	24	21.56	21.71	21.58	23.50
20	QPSK	50	50	21.62	21.72	21.61	23.50
20	QPSK	100	0	21.61	21.71	21.59	23.50
20	16QAM	1	0	21.81	21.86	21.67	23.50
20	16QAM	1	49	21.63	21.73	21.56	23.50
20	16QAM	1	99	21.68	21.80	21.52	23.50
20	16QAM	50	0	20.70	20.74	20.56	22.50
20	16QAM	50	24	20.69	20.71	20.50	22.50
20	16QAM	50	50	20.58	20.70	20.56	22.50
20	16QAM	100	0	20.55	20.67	20.57	22.50
20	64QAM	1	0	20.61	20.79	20.65	22.50
20	64QAM	1	49	20.63	20.57	20.50	22.50
20	64QAM	1	99	20.50	20.64	20.45	22.50
20	64QAM	50	0	19.65	19.67	19.60	21.50
20	64QAM	50	24	19.54	19.70	19.61	21.50
20	64QAM	50	50	19.64	19.72	19.49	21.50
20	64QAM	100	0	19.52	19.71	19.51	21.50
20	256QAM	1	0	17.61	17.65	17.55	19.50
20	256QAM	1	49	17.48	17.59	17.49	19.50
20	256QAM	1	99	17.49	17.57	17.35	19.50
20	256QAM	50	0	17.64	17.64	17.62	19.50
20	256QAM	50	24	17.67	17.68	17.50	19.50
20	256QAM	50	50	17.58	17.64	17.52	19.50
20	256QAM	100	0	17.62	17.74	17.62	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.74	22.70	22.65	24.50
15	QPSK	1	37	22.57	22.61	22.52	24.50
15	QPSK	1	74	22.62	22.61	22.56	24.50
15	QPSK	36	0	21.55	21.65	21.60	23.50
15	QPSK	36	20	21.47	21.62	21.50	23.50
15	QPSK	36	39	21.61	21.60	21.55	23.50
15	QPSK	75	0	21.55	21.65	21.51	23.50
15	16QAM	1	0	21.77	21.85	21.65	23.50
15	16QAM	1	37	21.60	21.68	21.54	23.50
15	16QAM	1	74	21.60	21.66	21.49	23.50
15	16QAM	36	0	20.62	20.67	20.52	22.50
15	16QAM	36	20	20.54	20.59	20.41	22.50
15	16QAM	36	39	20.55	20.63	20.46	22.50
15	16QAM	75	0	20.46	20.66	20.47	22.50
15	64QAM	1	0	20.53	20.69	20.55	22.50
15	64QAM	1	37	20.53	20.47	20.48	22.50
15	64QAM	1	74	20.39	20.58	20.31	22.50
15	64QAM	36	0	19.58	19.59	19.49	21.50
15	64QAM	36	20	19.47	19.67	19.51	21.50
15	64QAM	36	39	19.51	19.71	19.39	21.50
15	64QAM	75	0	19.48	19.59	19.42	21.50
15	256QAM	1	0	17.55	17.51	17.52	19.50
15	256QAM	1	37	17.34	17.58	17.47	19.50
15	256QAM	1	74	17.36	17.55	17.22	19.50
15	256QAM	36	0	17.59	17.52	17.56	19.50
15	256QAM	36	20	17.61	17.61	17.40	19.50
15	256QAM	36	39	17.44	17.55	17.44	19.50
15	256QAM	75	0	17.60	17.68	17.53	19.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.69	22.65	22.58	24.50
10	QPSK	1	25	22.54	22.64	22.42	24.50
10	QPSK	1	49	22.71	22.63	22.44	24.50
10	QPSK	25	0	21.55	21.60	21.49	23.50
10	QPSK	25	12	21.44	21.70	21.46	23.50
10	QPSK	25	25	21.55	21.68	21.58	23.50
10	QPSK	50	0	21.57	21.63	21.58	23.50
10	16QAM	1	0	21.71	21.72	21.54	23.50
10	16QAM	1	25	21.56	21.65	21.48	23.50
10	16QAM	1	49	21.66	21.76	21.49	23.50
10	16QAM	25	0	20.61	20.73	20.49	22.50



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10	16QAM	25	12	20.64	20.61	20.46	22.50
10	16QAM	25	25	20.46	20.64	20.53	22.50
10	16QAM	50	0	20.42	20.59	20.55	22.50
10	64QAM	1	0	20.57	20.77	20.62	22.50
10	64QAM	1	25	20.62	20.52	20.46	22.50
10	64QAM	1	49	20.47	20.62	20.34	22.50
10	64QAM	25	0	19.61	19.55	19.48	21.50
10	64QAM	25	12	19.47	19.55	19.52	21.50
10	64QAM	25	25	19.50	19.66	19.47	21.50
10	64QAM	50	0	19.49	19.68	19.38	21.50
10	256QAM	1	0	17.51	17.55	17.51	19.50
10	256QAM	1	25	17.34	17.47	17.39	19.50
10	256QAM	1	49	17.37	17.54	17.25	19.50
10	256QAM	25	0	17.63	17.58	17.57	19.50
10	256QAM	25	12	17.60	17.58	17.42	19.50
10	256QAM	25	25	17.50	17.62	17.39	19.50
10	256QAM	50	0	17.58	17.64	17.51	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.62	22.66	22.61	24.50
5	QPSK	1	12	22.63	22.64	22.44	24.50
5	QPSK	1	24	22.64	22.54	22.53	24.50
5	QPSK	12	0	21.59	21.66	21.59	23.50
5	QPSK	12	7	21.44	21.57	21.44	23.50
5	QPSK	12	13	21.52	21.63	21.55	23.50
5	QPSK	25	0	21.48	21.57	21.49	23.50
5	16QAM	1	0	21.75	21.83	21.65	23.50
5	16QAM	1	12	21.51	21.67	21.51	23.50
5	16QAM	1	24	21.54	21.79	21.44	23.50
5	16QAM	12	0	20.64	20.65	20.43	22.50
5	16QAM	12	7	20.55	20.63	20.46	22.50
5	16QAM	12	13	20.50	20.60	20.44	22.50
5	16QAM	25	0	20.53	20.56	20.52	22.50
5	64QAM	1	0	20.59	20.75	20.61	22.50
5	64QAM	1	12	20.58	20.49	20.45	22.50
5	64QAM	1	24	20.43	20.49	20.36	22.50
5	64QAM	12	0	19.61	19.52	19.52	21.50
5	64QAM	12	7	19.42	19.62	19.58	21.50
5	64QAM	12	13	19.62	19.71	19.39	21.50
5	64QAM	25	0	19.45	19.57	19.49	21.50
5	256QAM	1	0	17.49	17.62	17.46	19.50
5	256QAM	1	12	17.36	17.54	17.45	19.50
5	256QAM	1	24	17.36	17.51	17.24	19.50
5	256QAM	12	0	17.51	17.60	17.50	19.50
5	256QAM	12	7	17.55	17.59	17.39	19.50
5	256QAM	12	13	17.56	17.55	17.49	19.50
5	256QAM	25	0	17.58	17.62	17.49	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.75	22.62	22.61	24.50
3	QPSK	1	8	22.58	22.61	22.54	24.50
3	QPSK	1	14	22.73	22.59	22.45	24.50
3	QPSK	8	0	21.58	21.61	21.48	23.50
3	QPSK	8	4	21.53	21.63	21.56	23.50
3	QPSK	8	7	21.47	21.58	21.54	23.50
3	QPSK	15	0	21.47	21.68	21.47	23.50
3	16QAM	1	0	21.72	21.81	21.56	23.50
3	16QAM	1	8	21.49	21.68	21.52	23.50
3	16QAM	1	14	21.56	21.67	21.40	23.50
3	16QAM	8	0	20.68	20.67	20.48	22.50
3	16QAM	8	4	20.65	20.69	20.44	22.50
3	16QAM	8	7	20.50	20.67	20.49	22.50
3	16QAM	15	0	20.53	20.55	20.48	22.50
3	64QAM	1	0	20.59	20.66	20.52	22.50
3	64QAM	1	8	20.56	20.45	20.40	22.50
3	64QAM	1	14	20.36	20.58	20.42	22.50
3	64QAM	8	0	19.63	19.58	19.50	21.50
3	64QAM	8	4	19.42	19.57	19.54	21.50
3	64QAM	8	7	19.61	19.65	19.41	21.50
3	64QAM	15	0	19.42	19.70	19.37	21.50
3	256QAM	1	0	17.53	17.58	17.43	19.50
3	256QAM	1	8	17.46	17.46	17.42	19.50
3	256QAM	1	14	17.35	17.42	17.23	19.50
3	256QAM	8	0	17.55	17.54	17.56	19.50
3	256QAM	8	4	17.56	17.56	17.40	19.50
3	256QAM	8	7	17.49	17.62	17.39	19.50
3	256QAM	15	0	17.57	17.65	17.57	19.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.64	22.73	22.60	24.50
1.4	QPSK	1	3	22.57	22.62	22.44	24.50
1.4	QPSK	1	5	22.69	22.53	22.51	24.50
1.4	QPSK	3	0	22.55	22.63	22.58	24.50
1.4	QPSK	3	1	22.48	22.63	22.57	24.50
1.4	QPSK	3	3	22.58	22.65	22.53	24.50
1.4	QPSK	6	0	21.54	21.58	21.52	23.50
1.4	16QAM	1	0	21.75	21.81	21.57	23.50
1.4	16QAM	1	3	21.50	21.67	21.42	23.50
1.4	16QAM	1	5	21.59	21.77	21.43	23.50
1.4	16QAM	3	0	21.62	21.60	21.52	23.50
1.4	16QAM	3	1	21.59	21.64	21.37	23.50
1.4	16QAM	3	3	21.57	21.62	21.52	23.50
1.4	16QAM	6	0	20.44	20.63	20.49	22.50
1.4	64QAM	1	0	20.58	20.75	20.59	22.50
1.4	64QAM	1	3	20.57	20.55	20.43	22.50
1.4	64QAM	1	5	20.40	20.57	20.32	22.50
1.4	64QAM	3	0	20.60	20.59	20.48	22.50
1.4	64QAM	3	1	20.43	20.55	20.55	22.50
1.4	64QAM	3	3	20.54	20.62	20.45	22.50
1.4	64QAM	6	0	19.49	19.58	19.40	21.50
1.4	256QAM	1	0	17.59	17.51	17.53	19.50
1.4	256QAM	1	3	17.35	17.45	17.44	19.50
1.4	256QAM	1	5	17.43	17.51	17.21	19.50
1.4	256QAM	3	0	17.53	17.49	17.60	19.50
1.4	256QAM	3	1	17.54	17.62	17.42	19.50
1.4	256QAM	3	3	17.47	17.52	17.37	19.50
1.4	256QAM	6	0	17.48	17.60	17.54	19.50

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.78	22.79	22.71	24.50
20	QPSK	1	49	22.64	22.68	22.55	24.50
20	QPSK	1	99	22.69	22.71	22.54	24.50
20	QPSK	50	0	21.68	21.71	21.59	23.50
20	QPSK	50	24	21.55	21.68	21.55	23.50
20	QPSK	50	50	21.59	21.68	21.56	23.50
20	QPSK	100	0	21.65	21.70	21.60	23.50
20	16QAM	1	0	21.83	21.87	21.66	23.50
20	16QAM	1	49	21.63	21.72	21.56	23.50
20	16QAM	1	99	21.69	21.75	21.52	23.50
20	16QAM	50	0	20.64	20.71	20.54	22.50
20	16QAM	50	24	20.63	20.67	20.45	22.50
20	16QAM	50	50	20.57	20.68	20.53	22.50
20	16QAM	100	0	20.55	20.71	20.54	22.50
20	64QAM	1	0	20.64	20.74	20.61	22.50
20	64QAM	1	49	20.58	20.61	20.45	22.50
20	64QAM	1	99	20.52	20.60	20.43	22.50
20	64QAM	50	0	19.62	19.69	19.54	21.50
20	64QAM	50	24	19.56	19.67	19.56	21.50
20	64QAM	50	50	19.62	19.68	19.48	21.50
20	64QAM	100	0	19.55	19.67	19.50	21.50
20	256QAM	1	0	17.55	17.65	17.50	19.50
20	256QAM	1	49	17.51	17.54	17.46	19.50
20	256QAM	1	99	17.50	17.58	17.38	19.50
20	256QAM	50	0	17.59	17.68	17.58	19.50
20	256QAM	50	24	17.62	17.66	17.50	19.50
20	256QAM	50	50	17.54	17.67	17.48	19.50
20	256QAM	100	0	17.63	17.69	17.56	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.64	22.67	22.60	24.50
15	QPSK	1	37	22.57	22.64	22.43	24.50
15	QPSK	1	74	22.68	22.63	22.47	24.50
15	QPSK	36	0	21.62	21.57	21.44	23.50
15	QPSK	36	20	21.42	21.63	21.40	23.50
15	QPSK	36	39	21.47	21.62	21.49	23.50
15	QPSK	75	0	21.57	21.57	21.55	23.50



15	16QAM	1	0	21.76	21.81	21.58	23.50
15	16QAM	1	37	21.51	21.66	21.43	23.50
15	16QAM	1	74	21.66	21.65	21.44	23.50
15	16QAM	36	0	20.59	20.69	20.51	22.50
15	16QAM	36	20	20.53	20.53	20.32	22.50
15	16QAM	36	39	20.51	20.57	20.47	22.50
15	16QAM	75	0	20.50	20.69	20.47	22.50
15	64QAM	1	0	20.60	20.64	20.49	22.50
15	64QAM	1	37	20.56	20.58	20.39	22.50
15	64QAM	1	74	20.46	20.49	20.37	22.50
15	64QAM	36	0	19.57	19.63	19.47	21.50
15	64QAM	36	20	19.54	19.54	19.49	21.50
15	64QAM	36	39	19.53	19.58	19.45	21.50
15	64QAM	75	0	19.45	19.52	19.42	21.50
15	256QAM	1	0	17.43	17.50	17.40	19.50
15	256QAM	1	37	17.41	17.52	17.44	19.50
15	256QAM	1	74	17.41	17.54	17.32	19.50
15	256QAM	36	0	17.53	17.63	17.54	19.50
15	256QAM	36	20	17.48	17.53	17.36	19.50
15	256QAM	36	39	17.44	17.52	17.44	19.50
15	256QAM	75	0	17.55	17.66	17.50	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.70	22.65	22.68	24.50
10	QPSK	1	25	22.61	22.67	22.51	24.50
10	QPSK	1	49	22.58	22.68	22.39	24.50
10	QPSK	25	0	21.66	21.65	21.51	23.50
10	QPSK	25	12	21.52	21.56	21.38	23.50
10	QPSK	25	25	21.53	21.58	21.43	23.50
10	QPSK	50	0	21.60	21.58	21.45	23.50
10	16QAM	1	0	21.79	21.85	21.55	23.50
10	16QAM	1	25	21.57	21.66	21.43	23.50
10	16QAM	1	49	21.59	21.72	21.45	23.50
10	16QAM	25	0	20.54	20.64	20.47	22.50
10	16QAM	25	12	20.60	20.58	20.38	22.50
10	16QAM	25	25	20.56	20.66	20.39	22.50
10	16QAM	50	0	20.40	20.57	20.45	22.50
10	64QAM	1	0	20.50	20.69	20.54	22.50
10	64QAM	1	25	20.47	20.52	20.31	22.50
10	64QAM	1	49	20.41	20.47	20.32	22.50
10	64QAM	25	0	19.49	19.66	19.52	21.50
10	64QAM	25	12	19.45	19.54	19.43	21.50
10	64QAM	25	25	19.51	19.56	19.33	21.50
10	64QAM	50	0	19.54	19.64	19.43	21.50
10	256QAM	1	0	17.40	17.51	17.49	19.50
10	256QAM	1	25	17.48	17.41	17.37	19.50
10	256QAM	1	49	17.37	17.53	17.33	19.50
10	256QAM	25	0	17.47	17.54	17.47	19.50
10	256QAM	25	12	17.55	17.60	17.39	19.50
10	256QAM	25	25	17.48	17.59	17.34	19.50
10	256QAM	50	0	17.60	17.64	17.44	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.70	22.65	22.63	24.50
5	QPSK	1	12	22.50	22.56	22.45	24.50
5	QPSK	1	24	22.59	22.64	22.43	24.50
5	QPSK	12	0	21.62	21.58	21.47	23.50
5	QPSK	12	7	21.44	21.66	21.36	23.50
5	QPSK	12	13	21.56	21.54	21.48	23.50
5	QPSK	25	0	21.61	21.67	21.48	23.50
5	16QAM	1	0	21.73	21.74	21.55	23.50
5	16QAM	1	12	21.61	21.64	21.50	23.50
5	16QAM	1	24	21.58	21.67	21.48	23.50
5	16QAM	12	0	20.50	20.57	20.45	22.50
5	16QAM	12	7	20.49	20.61	20.37	22.50
5	16QAM	12	13	20.50	20.58	20.51	22.50
5	16QAM	25	0	20.51	20.63	20.44	22.50
5	64QAM	1	0	20.53	20.69	20.60	22.50
5	64QAM	1	12	20.57	20.58	20.37	22.50
5	64QAM	1	24	20.41	20.48	20.34	22.50
5	64QAM	12	0	19.52	19.57	19.49	21.50
5	64QAM	12	7	19.44	19.61	19.54	21.50
5	64QAM	12	13	19.58	19.56	19.40	21.50
5	64QAM	25	0	19.48	19.62	19.37	21.50
5	256QAM	1	0	17.44	17.64	17.38	19.50
5	256QAM	1	12	17.40	17.44	17.36	19.50
5	256QAM	1	24	17.49	17.44	17.24	19.50
5	256QAM	12	0	17.50	17.64	17.57	19.50



5	256QAM	12	7	17.57	17.60	17.41	19.50
5	256QAM	12	13	17.46	17.55	17.45	19.50
5	256QAM	25	0	17.50	17.59	17.48	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.74	22.77	22.56	24.50
3	QPSK	1	8	22.54	22.59	22.49	24.50
3	QPSK	1	14	22.64	22.61	22.47	24.50
3	QPSK	8	0	21.65	21.59	21.53	23.50
3	QPSK	8	4	21.40	21.60	21.37	23.50
3	QPSK	8	7	21.56	21.64	21.51	23.50
3	QPSK	15	0	21.59	21.62	21.47	23.50
3	16QAM	1	0	21.72	21.81	21.55	23.50
3	16QAM	1	8	21.50	21.57	21.48	23.50
3	16QAM	1	14	21.66	21.68	21.46	23.50
3	16QAM	8	0	20.59	20.64	20.43	22.50
3	16QAM	8	4	20.51	20.65	20.42	22.50
3	16QAM	8	7	20.45	20.63	20.49	22.50
3	16QAM	15	0	20.52	20.63	20.46	22.50
3	64QAM	1	0	20.60	20.70	20.50	22.50
3	64QAM	1	8	20.48	20.50	20.35	22.50
3	64QAM	1	14	20.42	20.54	20.31	22.50
3	64QAM	8	0	19.51	19.56	19.46	21.50
3	64QAM	8	4	19.42	19.61	19.44	21.50
3	64QAM	8	7	19.55	19.57	19.33	21.50
3	64QAM	15	0	19.41	19.59	19.44	21.50
3	256QAM	1	0	17.45	17.58	17.43	19.50
3	256QAM	1	8	17.39	17.52	17.37	19.50
3	256QAM	1	14	17.37	17.55	17.24	19.50
3	256QAM	8	0	17.55	17.58	17.44	19.50
3	256QAM	8	4	17.48	17.64	17.39	19.50
3	256QAM	8	7	17.44	17.66	17.40	19.50
3	256QAM	15	0	17.59	17.59	17.45	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.70	22.76	22.70	24.50
1.4	QPSK	1	3	22.55	22.55	22.45	24.50
1.4	QPSK	1	5	22.63	22.60	22.51	24.50
1.4	QPSK	3	0	22.54	22.68	22.57	24.50
1.4	QPSK	3	1	22.46	22.64	22.40	24.50
1.4	QPSK	3	3	22.51	22.54	22.42	24.50
1.4	QPSK	6	0	21.52	21.68	21.56	23.50
1.4	16QAM	1	0	21.71	21.83	21.57	23.50
1.4	16QAM	1	3	21.56	21.61	21.51	23.50
1.4	16QAM	1	5	21.62	21.65	21.50	23.50
1.4	16QAM	3	0	21.49	21.60	21.44	23.50
1.4	16QAM	3	1	21.59	21.54	21.43	23.50
1.4	16QAM	3	3	21.50	21.66	21.48	23.50
1.4	16QAM	6	0	20.47	20.66	20.47	22.50
1.4	64QAM	1	0	20.50	20.71	20.59	22.50
1.4	64QAM	1	3	20.53	20.57	20.37	22.50
1.4	64QAM	1	5	20.38	20.56	20.30	22.50
1.4	64QAM	3	0	20.55	20.64	20.50	22.50
1.4	64QAM	3	1	20.47	20.57	20.42	22.50
1.4	64QAM	3	3	20.51	20.63	20.39	22.50
1.4	64QAM	6	0	19.49	19.60	19.35	21.50
1.4	256QAM	1	0	17.48	17.56	17.43	19.50
1.4	256QAM	1	3	17.43	17.52	17.42	19.50
1.4	256QAM	1	5	17.36	17.52	17.25	19.50
1.4	256QAM	3	0	17.46	17.66	17.55	19.50
1.4	256QAM	3	1	17.50	17.55	17.48	19.50
1.4	256QAM	3	3	17.42	17.59	17.44	19.50
1.4	256QAM	6	0	17.60	17.67	17.44	19.50

【LTE Band 2_Ant 5_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.94	17.06	16.98	18.50
20	QPSK	1	49	16.83	17.02	16.85	18.50
20	QPSK	1	99	16.70	16.91	16.83	18.50
20	QPSK	50	0	16.95	17.02	16.88	18.50
20	QPSK	50	24	16.86	16.90	16.82	18.50
20	QPSK	50	50	16.82	16.93	16.83	18.50
20	QPSK	100	0	16.79	16.95	16.85	18.50
20	16QAM	1	0	16.75	16.84	16.61	18.50
20	16QAM	1	49	16.79	16.95	16.68	18.50
20	16QAM	1	99	16.69	16.81	16.69	18.50
20	16QAM	50	0	16.79	16.93	16.74	18.50
20	16QAM	50	24	16.81	16.87	16.64	18.50
20	16QAM	50	50	16.73	16.87	16.67	18.50
20	16QAM	100	0	16.88	16.93	16.70	18.50
20	64QAM	1	0	16.75	16.82	16.81	18.50
20	64QAM	1	49	16.90	16.99	16.69	18.50
20	64QAM	1	99	16.68	16.89	16.72	18.50
20	64QAM	50	0	16.61	16.83	16.63	18.50
20	64QAM	50	24	16.68	16.79	16.74	18.50
20	64QAM	50	50	16.67	16.83	16.77	18.50
20	64QAM	100	0	16.61	16.78	16.62	18.50
20	256QAM	1	0	16.79	16.91	16.72	18.50
20	256QAM	1	49	16.73	16.86	16.69	18.50
20	256QAM	1	99	16.62	16.79	16.61	18.50
20	256QAM	50	0	16.49	16.77	16.66	18.50
20	256QAM	50	24	16.71	16.84	16.74	18.50
20	256QAM	50	50	16.87	16.88	16.71	18.50
20	256QAM	100	0	16.73	16.82	16.65	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.83	16.99	16.88	18.50
15	QPSK	1	37	16.75	16.89	16.75	18.50
15	QPSK	1	74	16.56	16.76	16.81	18.50
15	QPSK	36	0	16.87	16.99	16.74	18.50
15	QPSK	36	20	16.79	16.87	16.67	18.50
15	QPSK	36	39	16.71	16.84	16.73	18.50
15	QPSK	75	0	16.66	16.82	16.79	18.50
15	16QAM	1	0	16.63	16.79	16.59	18.50
15	16QAM	1	37	16.66	16.90	16.54	18.50
15	16QAM	1	74	16.60	16.76	16.55	18.50
15	16QAM	36	0	16.70	16.79	16.68	18.50
15	16QAM	36	20	16.69	16.78	16.59	18.50
15	16QAM	36	39	16.70	16.78	16.56	18.50
15	16QAM	75	0	16.82	16.87	16.66	18.50
15	64QAM	1	0	16.69	16.74	16.67	18.50
15	64QAM	1	37	16.76	16.93	16.66	18.50
15	64QAM	1	74	16.55	16.77	16.65	18.50
15	64QAM	36	0	16.54	16.71	16.57	18.50
15	64QAM	36	20	16.54	16.76	16.71	18.50
15	64QAM	36	39	16.65	16.72	16.74	18.50
15	64QAM	75	0	16.53	16.66	16.56	18.50
15	256QAM	1	0	16.68	16.83	16.69	18.50
15	256QAM	1	37	16.69	16.79	16.64	18.50
15	256QAM	1	74	16.61	16.74	16.49	18.50
15	256QAM	36	0	16.46	16.64	16.64	18.50
15	256QAM	36	20	16.63	16.69	16.61	18.50
15	256QAM	36	39	16.76	16.75	16.68	18.50
15	256QAM	75	0	16.66	16.73	16.61	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.90	17.00	16.96	18.50
10	QPSK	1	25	16.75	16.95	16.79	18.50
10	QPSK	1	49	16.58	16.89	16.68	18.50
10	QPSK	25	0	16.90	16.92	16.73	18.50
10	QPSK	25	12	16.83	16.82	16.69	18.50
10	QPSK	25	25	16.79	16.78	16.68	18.50
10	QPSK	50	0	16.74	16.92	16.73	18.50
10	16QAM	1	0	16.62	16.74	16.46	18.50
10	16QAM	1	25	16.76	16.83	16.57	18.50
10	16QAM	1	49	16.54	16.66	16.55	18.50
10	16QAM	25	0	16.69	16.84	16.60	18.50



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10	16QAM	25	12	16.79	16.72	16.57	18.50
10	16QAM	25	25	16.71	16.83	16.64	18.50
10	16QAM	50	0	16.79	16.89	16.63	18.50
10	64QAM	1	0	16.71	16.80	16.69	18.50
10	64QAM	1	25	16.83	16.85	16.56	18.50
10	64QAM	1	49	16.59	16.80	16.59	18.50
10	64QAM	25	0	16.54	16.71	16.53	18.50
10	64QAM	25	12	16.67	16.76	16.67	18.50
10	64QAM	25	25	16.65	16.70	16.65	18.50
10	64QAM	50	0	16.53	16.74	16.47	18.50
10	256QAM	1	0	16.69	16.85	16.68	18.50
10	256QAM	1	25	16.65	16.75	16.61	18.50
10	256QAM	1	49	16.52	16.69	16.50	18.50
10	256QAM	25	0	16.37	16.71	16.62	18.50
10	256QAM	25	12	16.61	16.78	16.62	18.50
10	256QAM	25	25	16.79	16.80	16.67	18.50
10	256QAM	50	0	16.60	16.78	16.54	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.93	16.97	16.89	18.50
5	QPSK	1	12	16.80	16.88	16.80	18.50
5	QPSK	1	24	16.59	16.90	16.73	18.50
5	QPSK	12	0	16.93	16.89	16.86	18.50
5	QPSK	12	7	16.73	16.88	16.76	18.50
5	QPSK	12	13	16.73	16.92	16.70	18.50
5	QPSK	25	0	16.65	16.88	16.75	18.50
5	16QAM	1	0	16.70	16.69	16.48	18.50
5	16QAM	1	12	16.76	16.81	16.66	18.50
5	16QAM	1	24	16.62	16.79	16.63	18.50
5	16QAM	12	0	16.65	16.81	16.61	18.50
5	16QAM	12	7	16.74	16.83	16.55	18.50
5	16QAM	12	13	16.71	16.78	16.63	18.50
5	16QAM	25	0	16.80	16.88	16.68	18.50
5	64QAM	1	0	16.68	16.68	16.77	18.50
5	64QAM	1	12	16.78	16.93	16.64	18.50
5	64QAM	1	24	16.60	16.76	16.63	18.50
5	64QAM	12	0	16.47	16.81	16.57	18.50
5	64QAM	12	7	16.53	16.64	16.70	18.50
5	64QAM	12	13	16.55	16.75	16.66	18.50
5	64QAM	25	0	16.54	16.69	16.48	18.50
5	256QAM	1	0	16.71	16.82	16.62	18.50
5	256QAM	1	12	16.60	16.80	16.58	18.50
5	256QAM	1	24	16.52	16.73	16.59	18.50
5	256QAM	12	0	16.42	16.69	16.63	18.50
5	256QAM	12	7	16.67	16.79	16.64	18.50
5	256QAM	12	13	16.80	16.85	16.62	18.50
5	256QAM	25	0	16.66	16.70	16.54	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.85	17.04	16.87	18.50
3	QPSK	1	8	16.68	16.95	16.72	18.50
3	QPSK	1	14	16.60	16.79	16.69	18.50
3	QPSK	8	0	16.84	17.01	16.85	18.50
3	QPSK	8	4	16.72	16.83	16.78	18.50
3	QPSK	8	7	16.74	16.89	16.80	18.50
3	QPSK	15	0	16.67	16.92	16.76	18.50
3	16QAM	1	0	16.68	16.71	16.53	18.50
3	16QAM	1	8	16.65	16.88	16.65	18.50
3	16QAM	1	14	16.64	16.66	16.66	18.50
3	16QAM	8	0	16.77	16.90	16.67	18.50
3	16QAM	8	4	16.75	16.84	16.60	18.50
3	16QAM	8	7	16.69	16.79	16.58	18.50
3	16QAM	15	0	16.75	16.83	16.67	18.50
3	64QAM	1	0	16.60	16.69	16.79	18.50
3	64QAM	1	8	16.88	16.94	16.65	18.50
3	64QAM	1	14	16.59	16.75	16.66	18.50
3	64QAM	8	0	16.48	16.82	16.54	18.50
3	64QAM	8	4	16.55	16.72	16.69	18.50
3	64QAM	8	7	16.63	16.79	16.70	18.50
3	64QAM	15	0	16.49	16.67	16.51	18.50
3	256QAM	1	0	16.75	16.87	16.64	18.50
3	256QAM	1	8	16.68	16.84	16.66	18.50
3	256QAM	1	14	16.55	16.66	16.57	18.50
3	256QAM	8	0	16.41	16.67	16.51	18.50
3	256QAM	8	4	16.60	16.80	16.72	18.50
3	256QAM	8	7	16.73	16.83	16.64	18.50
3	256QAM	15	0	16.63	16.75	16.57	18.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.84	16.92	16.96	18.50
1.4	QPSK	1	3	16.81	16.95	16.80	18.50
1.4	QPSK	1	5	16.60	16.82	16.74	18.50
1.4	QPSK	3	0	16.90	16.90	16.75	18.50
1.4	QPSK	3	1	16.84	16.76	16.72	18.50
1.4	QPSK	3	3	16.79	16.91	16.80	18.50
1.4	QPSK	6	0	16.76	16.83	16.73	18.50
1.4	16QAM	1	0	16.70	16.78	16.56	18.50
1.4	16QAM	1	3	16.64	16.85	16.60	18.50
1.4	16QAM	1	5	16.61	16.66	16.66	18.50
1.4	16QAM	3	0	16.70	16.82	16.70	18.50
1.4	16QAM	3	1	16.70	16.85	16.58	18.50
1.4	16QAM	3	3	16.61	16.77	16.56	18.50
1.4	16QAM	6	0	16.77	16.80	16.55	18.50
1.4	64QAM	1	0	16.62	16.77	16.76	18.50
1.4	64QAM	1	3	16.87	16.90	16.59	18.50
1.4	64QAM	1	5	16.58	16.83	16.59	18.50
1.4	64QAM	3	0	16.55	16.74	16.56	18.50
1.4	64QAM	3	1	16.64	16.64	16.73	18.50
1.4	64QAM	3	3	16.56	16.76	16.72	18.50
1.4	64QAM	6	0	16.55	16.74	16.47	18.50
1.4	256QAM	1	0	16.73	16.85	16.69	18.50
1.4	256QAM	1	3	16.70	16.75	16.54	18.50
1.4	256QAM	1	5	16.56	16.69	16.50	18.50
1.4	256QAM	3	0	16.46	16.66	16.55	18.50
1.4	256QAM	3	1	16.67	16.81	16.69	18.50
1.4	256QAM	3	3	16.80	16.86	16.60	18.50
1.4	256QAM	6	0	16.67	16.72	16.51	18.50

【LTE Band 2_Ant 5_ECI1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.73	16.77	16.71	18.50
20	QPSK	1	49	16.51	16.57	16.48	18.50
20	QPSK	1	99	16.56	16.64	16.45	18.50
20	QPSK	50	0	16.63	16.65	16.60	18.50
20	QPSK	50	24	16.53	16.61	16.50	18.50
20	QPSK	50	50	16.56	16.64	16.47	18.50
20	QPSK	100	0	16.47	16.54	16.36	18.50
20	16QAM	1	0	16.46	16.60	16.49	18.50
20	16QAM	1	49	16.50	16.66	16.49	18.50
20	16QAM	1	99	16.46	16.52	16.43	18.50
20	16QAM	50	0	16.59	16.66	16.49	18.50
20	16QAM	50	24	16.48	16.57	16.49	18.50
20	16QAM	50	50	16.55	16.67	16.53	18.50
20	16QAM	100	0	16.56	16.63	16.46	18.50
20	64QAM	1	0	16.48	16.64	16.52	18.50
20	64QAM	1	49	16.56	16.64	16.43	18.50
20	64QAM	1	99	16.41	16.59	16.41	18.50
20	64QAM	50	0	16.55	16.63	16.52	18.50
20	64QAM	50	24	16.48	16.65	16.45	18.50
20	64QAM	50	50	16.54	16.64	16.51	18.50
20	64QAM	100	0	16.57	16.66	16.45	18.50
20	256QAM	1	0	16.54	16.61	16.49	18.50
20	256QAM	1	49	16.58	16.67	16.47	18.50
20	256QAM	1	99	16.54	16.63	16.53	18.50
20	256QAM	50	0	16.72	16.77	16.66	18.50
20	256QAM	50	24	16.43	16.57	16.36	18.50
20	256QAM	50	50	16.52	16.64	16.48	18.50
20	256QAM	100	0	16.48	16.65	16.56	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.62	16.67	16.58	18.50
15	QPSK	1	37	16.45	16.44	16.44	18.50
15	QPSK	1	74	16.41	16.50	16.37	18.50
15	QPSK	36	0	16.49	16.58	16.57	18.50
15	QPSK	36	20	16.52	16.60	16.48	18.50
15	QPSK	36	39	16.52	16.61	16.40	18.50
15	QPSK	75	0	16.33	16.50	16.33	18.50



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15	16QAM	1	0	16.34	16.50	16.36	18.50
15	16QAM	1	37	16.45	16.58	16.45	18.50
15	16QAM	1	74	16.31	16.42	16.32	18.50
15	16QAM	36	0	16.48	16.58	16.47	18.50
15	16QAM	36	20	16.34	16.52	16.40	18.50
15	16QAM	36	39	16.49	16.64	16.49	18.50
15	16QAM	75	0	16.41	16.55	16.42	18.50
15	64QAM	1	0	16.38	16.56	16.44	18.50
15	64QAM	1	37	16.50	16.57	16.39	18.50
15	64QAM	1	74	16.37	16.57	16.35	18.50
15	64QAM	36	0	16.49	16.55	16.51	18.50
15	64QAM	36	20	16.35	16.62	16.41	18.50
15	64QAM	36	39	16.47	16.63	16.39	18.50
15	64QAM	75	0	16.52	16.51	16.38	18.50
15	256QAM	1	0	16.50	16.55	16.43	18.50
15	256QAM	1	37	16.44	16.64	16.38	18.50
15	256QAM	1	74	16.47	16.51	16.47	18.50
15	256QAM	36	0	16.64	16.62	16.61	18.50
15	256QAM	36	20	16.35	16.54	16.30	18.50
15	256QAM	36	39	16.49	16.63	16.38	18.50
15	256QAM	75	0	16.40	16.61	16.46	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.69	16.74	16.64	18.50
10	QPSK	1	25	16.47	16.54	16.38	18.50
10	QPSK	1	49	16.47	16.52	16.38	18.50
10	QPSK	25	0	16.60	16.57	16.47	18.50
10	QPSK	25	12	16.42	16.57	16.47	18.50
10	QPSK	25	25	16.54	16.57	16.36	18.50
10	QPSK	50	0	16.43	16.42	16.23	18.50
10	16QAM	1	0	16.31	16.46	16.34	18.50
10	16QAM	1	25	16.42	16.64	16.40	18.50
10	16QAM	1	49	16.36	16.49	16.37	18.50
10	16QAM	25	0	16.57	16.59	16.41	18.50
10	16QAM	25	12	16.35	16.50	16.37	18.50
10	16QAM	25	25	16.50	16.58	16.38	18.50
10	16QAM	50	0	16.48	16.58	16.32	18.50
10	64QAM	1	0	16.39	16.58	16.44	18.50
10	64QAM	1	25	16.44	16.58	16.33	18.50
10	64QAM	1	49	16.34	16.49	16.38	18.50
10	64QAM	25	0	16.47	16.50	16.40	18.50
10	64QAM	25	12	16.38	16.63	16.31	18.50
10	64QAM	25	25	16.48	16.55	16.42	18.50
10	64QAM	50	0	16.52	16.57	16.43	18.50
10	256QAM	1	0	16.49	16.49	16.45	18.50
10	256QAM	1	25	16.55	16.57	16.44	18.50
10	256QAM	1	49	16.50	16.58	16.38	18.50
10	256QAM	25	0	16.61	16.62	16.56	18.50
10	256QAM	25	12	16.36	16.47	16.24	18.50
10	256QAM	25	25	16.40	16.59	16.39	18.50
10	256QAM	50	0	16.37	16.54	16.55	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.62	16.73	16.60	18.50
5	QPSK	1	12	16.49	16.45	16.42	18.50
5	QPSK	1	24	16.54	16.61	16.32	18.50
5	QPSK	12	0	16.57	16.62	16.56	18.50
5	QPSK	12	7	16.43	16.48	16.46	18.50
5	QPSK	12	13	16.44	16.58	16.33	18.50
5	QPSK	25	0	16.34	16.51	16.27	18.50
5	16QAM	1	0	16.40	16.54	16.48	18.50
5	16QAM	1	12	16.41	16.52	16.44	18.50
5	16QAM	1	24	16.42	16.41	16.41	18.50
5	16QAM	12	0	16.56	16.63	16.37	18.50
5	16QAM	12	7	16.36	16.56	16.39	18.50
5	16QAM	12	13	16.52	16.57	16.50	18.50
5	16QAM	25	0	16.45	16.53	16.41	18.50
5	64QAM	1	0	16.33	16.63	16.45	18.50
5	64QAM	1	12	16.42	16.51	16.38	18.50
5	64QAM	1	24	16.35	16.56	16.30	18.50
5	64QAM	12	0	16.50	16.60	16.49	18.50
5	64QAM	12	7	16.38	16.62	16.42	18.50
5	64QAM	12	13	16.47	16.57	16.37	18.50
5	64QAM	25	0	16.47	16.62	16.34	18.50
5	256QAM	1	0	16.42	16.57	16.36	18.50
5	256QAM	1	12	16.43	16.64	16.39	18.50
5	256QAM	1	24	16.39	16.49	16.46	18.50
5	256QAM	12	0	16.68	16.68	16.56	18.50



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5	256QAM	12	7	16.42	16.47	16.31	18.50
5	256QAM	12	13	16.45	16.54	16.46	18.50
5	256QAM	25	0	16.43	16.58	16.47	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.59	16.71	16.65	18.50
3	QPSK	1	8	16.46	16.46	16.37	18.50
3	QPSK	1	14	16.41	16.63	16.43	18.50
3	QPSK	8	0	16.58	16.55	16.48	18.50
3	QPSK	8	4	16.45	16.58	16.37	18.50
3	QPSK	8	7	16.44	16.62	16.45	18.50
3	QPSK	15	0	16.43	16.48	16.25	18.50
3	16QAM	1	0	16.44	16.50	16.37	18.50
3	16QAM	1	8	16.40	16.51	16.47	18.50
3	16QAM	1	14	16.40	16.48	16.30	18.50
3	16QAM	8	0	16.55	16.62	16.36	18.50
3	16QAM	8	4	16.45	16.49	16.45	18.50
3	16QAM	8	7	16.43	16.65	16.39	18.50
3	16QAM	15	0	16.55	16.48	16.39	18.50
3	64QAM	1	0	16.38	16.51	16.48	18.50
3	64QAM	1	8	16.50	16.61	16.33	18.50
3	64QAM	1	14	16.37	16.47	16.36	18.50
3	64QAM	8	0	16.50	16.54	16.47	18.50
3	64QAM	8	4	16.36	16.55	16.40	18.50
3	64QAM	8	7	16.42	16.50	16.42	18.50
3	64QAM	15	0	16.43	16.51	16.34	18.50
3	256QAM	1	0	16.43	16.50	16.35	18.50
3	256QAM	1	8	16.45	16.55	16.45	18.50
3	256QAM	1	14	16.52	16.56	16.41	18.50
3	256QAM	8	0	16.64	16.71	16.52	18.50
3	256QAM	8	4	16.33	16.53	16.34	18.50
3	256QAM	8	7	16.37	16.55	16.46	18.50
3	256QAM	15	0	16.37	16.57	16.53	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.64	16.63	16.67	18.50
1.4	QPSK	1	3	16.44	16.47	16.43	18.50
1.4	QPSK	1	5	16.55	16.53	16.33	18.50
1.4	QPSK	3	0	16.61	16.63	16.57	18.50
1.4	QPSK	3	1	16.42	16.60	16.35	18.50
1.4	QPSK	3	3	16.48	16.53	16.39	18.50
1.4	QPSK	6	0	16.40	16.48	16.29	18.50
1.4	16QAM	1	0	16.40	16.55	16.47	18.50
1.4	16QAM	1	3	16.40	16.57	16.43	18.50
1.4	16QAM	1	5	16.31	16.39	16.38	18.50
1.4	16QAM	3	0	16.52	16.59	16.42	18.50
1.4	16QAM	3	1	16.40	16.48	16.43	18.50
1.4	16QAM	3	3	16.40	16.53	16.45	18.50
1.4	16QAM	6	0	16.45	16.61	16.40	18.50
1.4	64QAM	1	0	16.47	16.51	16.46	18.50
1.4	64QAM	1	3	16.43	16.57	16.32	18.50
1.4	64QAM	1	5	16.30	16.49	16.28	18.50
1.4	64QAM	3	0	16.45	16.61	16.43	18.50
1.4	64QAM	3	1	16.45	16.56	16.43	18.50
1.4	64QAM	3	3	16.46	16.54	16.39	18.50
1.4	64QAM	6	0	16.49	16.55	16.43	18.50
1.4	256QAM	1	0	16.51	16.57	16.40	18.50
1.4	256QAM	1	3	16.44	16.56	16.38	18.50
1.4	256QAM	1	5	16.53	16.57	16.42	18.50
1.4	256QAM	3	0	16.61	16.67	16.58	18.50
1.4	256QAM	3	1	16.41	16.47	16.33	18.50
1.4	256QAM	3	3	16.40	16.56	16.45	18.50
1.4	256QAM	6	0	16.40	16.62	16.46	18.50



【LTE Band 2_Ant 5_ECI1-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.62	16.69	16.66	18.50
20	QPSK	1	49	16.51	16.64	16.51	18.50
20	QPSK	1	99	16.52	16.61	16.56	18.50
20	QPSK	50	0	16.63	16.65	16.61	18.50
20	QPSK	50	24	16.41	16.57	16.45	18.50
20	QPSK	50	50	16.51	16.63	16.55	18.50
20	QPSK	100	0	16.51	16.62	16.55	18.50
20	16QAM	1	0	16.38	16.56	16.42	18.50
20	16QAM	1	49	16.50	16.67	16.56	18.50
20	16QAM	1	99	16.44	16.54	16.40	18.50
20	16QAM	50	0	16.55	16.68	16.62	18.50
20	16QAM	50	24	16.42	16.62	16.49	18.50
20	16QAM	50	50	16.44	16.58	16.52	18.50
20	16QAM	100	0	16.48	16.63	16.47	18.50
20	64QAM	1	0	16.43	16.56	16.52	18.50
20	64QAM	1	49	16.34	16.56	16.39	18.50
20	64QAM	1	99	16.35	16.56	16.47	18.50
20	64QAM	50	0	16.45	16.67	16.51	18.50
20	64QAM	50	24	16.49	16.68	16.64	18.50
20	64QAM	50	50	16.50	16.62	16.53	18.50
20	64QAM	100	0	16.52	16.63	16.49	18.50
20	256QAM	1	0	16.53	16.65	16.58	18.50
20	256QAM	1	49	16.45	16.64	16.48	18.50
20	256QAM	1	99	16.47	16.63	16.52	18.50
20	256QAM	50	0	16.50	16.64	16.48	18.50
20	256QAM	50	24	16.53	16.61	16.48	18.50
20	256QAM	50	50	16.46	16.65	16.52	18.50
20	256QAM	100	0	16.38	16.57	16.41	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.49	16.56	16.61	18.50
15	QPSK	1	37	16.48	16.50	16.43	18.50
15	QPSK	1	74	16.45	16.52	16.54	18.50
15	QPSK	36	0	16.61	16.55	16.49	18.50
15	QPSK	36	20	16.31	16.50	16.33	18.50
15	QPSK	36	39	16.43	16.51	16.52	18.50
15	QPSK	75	0	16.44	16.48	16.43	18.50
15	16QAM	1	0	16.35	16.54	16.28	18.50
15	16QAM	1	37	16.36	16.61	16.53	18.50
15	16QAM	1	74	16.33	16.41	16.29	18.50
15	16QAM	36	0	16.47	16.58	16.59	18.50
15	16QAM	36	20	16.31	16.59	16.37	18.50
15	16QAM	36	39	16.39	16.43	16.43	18.50
15	16QAM	75	0	16.38	16.53	16.37	18.50
15	64QAM	1	0	16.35	16.41	16.44	18.50
15	64QAM	1	37	16.20	16.54	16.32	18.50
15	64QAM	1	74	16.21	16.50	16.37	18.50
15	64QAM	36	0	16.30	16.59	16.46	18.50
15	64QAM	36	20	16.36	16.64	16.57	18.50
15	64QAM	36	39	16.48	16.53	16.45	18.50
15	64QAM	75	0	16.39	16.58	16.40	18.50
15	256QAM	1	0	16.39	16.61	16.51	18.50
15	256QAM	1	37	16.39	16.49	16.36	18.50
15	256QAM	1	74	16.45	16.59	16.38	18.50
15	256QAM	36	0	16.39	16.62	16.37	18.50
15	256QAM	36	20	16.48	16.56	16.42	18.50
15	256QAM	36	39	16.32	16.54	16.43	18.50
15	256QAM	75	0	16.25	16.50	16.40	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.52	16.59	16.61	18.50
10	QPSK	1	25	16.36	16.58	16.39	18.50
10	QPSK	1	49	16.37	16.55	16.52	18.50
10	QPSK	25	0	16.53	16.52	16.57	18.50
10	QPSK	25	12	16.35	16.54	16.40	18.50
10	QPSK	25	25	16.37	16.59	16.51	18.50
10	QPSK	50	0	16.44	16.47	16.52	18.50
10	16QAM	1	0	16.24	16.49	16.29	18.50
10	16QAM	1	25	16.36	16.61	16.44	18.50
10	16QAM	1	49	16.34	16.47	16.28	18.50
10	16QAM	25	0	16.46	16.59	16.56	18.50



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10	16QAM	25	12	16.40	16.52	16.38	18.50
10	16QAM	25	25	16.42	16.44	16.43	18.50
10	16QAM	50	0	16.39	16.58	16.39	18.50
10	64QAM	1	0	16.32	16.54	16.50	18.50
10	64QAM	1	25	16.24	16.50	16.27	18.50
10	64QAM	1	49	16.27	16.41	16.34	18.50
10	64QAM	25	0	16.31	16.62	16.50	18.50
10	64QAM	25	12	16.45	16.58	16.59	18.50
10	64QAM	25	25	16.43	16.52	16.48	18.50
10	64QAM	50	0	16.44	16.53	16.42	18.50
10	256QAM	1	0	16.39	16.61	16.53	18.50
10	256QAM	1	25	16.41	16.59	16.34	18.50
10	256QAM	1	49	16.38	16.59	16.49	18.50
10	256QAM	25	0	16.37	16.50	16.38	18.50
10	256QAM	25	12	16.39	16.51	16.38	18.50
10	256QAM	25	25	16.37	16.63	16.44	18.50
10	256QAM	50	0	16.29	16.46	16.38	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.57	16.59	16.53	18.50
5	QPSK	1	12	16.43	16.55	16.47	18.50
5	QPSK	1	24	16.40	16.46	16.43	18.50
5	QPSK	12	0	16.62	16.60	16.54	18.50
5	QPSK	12	7	16.37	16.50	16.35	18.50
5	QPSK	12	13	16.46	16.57	16.53	18.50
5	QPSK	25	0	16.39	16.55	16.51	18.50
5	16QAM	1	0	16.30	16.48	16.34	18.50
5	16QAM	1	12	16.41	16.64	16.46	18.50
5	16QAM	1	24	16.38	16.51	16.27	18.50
5	16QAM	12	0	16.54	16.54	16.60	18.50
5	16QAM	12	7	16.29	16.60	16.45	18.50
5	16QAM	12	13	16.39	16.47	16.38	18.50
5	16QAM	25	0	16.43	16.55	16.41	18.50
5	64QAM	1	0	16.31	16.44	16.41	18.50
5	64QAM	1	12	16.26	16.53	16.32	18.50
5	64QAM	1	24	16.22	16.41	16.33	18.50
5	64QAM	12	0	16.41	16.63	16.46	18.50
5	64QAM	12	7	16.40	16.58	16.56	18.50
5	64QAM	12	13	16.45	16.56	16.38	18.50
5	64QAM	25	0	16.48	16.50	16.47	18.50
5	256QAM	1	0	16.44	16.64	16.54	18.50
5	256QAM	1	12	16.32	16.62	16.34	18.50
5	256QAM	1	24	16.36	16.59	16.44	18.50
5	256QAM	12	0	16.39	16.59	16.46	18.50
5	256QAM	12	7	16.40	16.56	16.39	18.50
5	256QAM	12	13	16.35	16.56	16.38	18.50
5	256QAM	25	0	16.34	16.52	16.35	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.50	16.62	16.51	18.50
3	QPSK	1	8	16.38	16.55	16.43	18.50
3	QPSK	1	14	16.40	16.56	16.50	18.50
3	QPSK	8	0	16.53	16.54	16.49	18.50
3	QPSK	8	4	16.32	16.51	16.30	18.50
3	QPSK	8	7	16.40	16.58	16.53	18.50
3	QPSK	15	0	16.49	16.59	16.42	18.50
3	16QAM	1	0	16.33	16.42	16.36	18.50
3	16QAM	1	8	16.45	16.64	16.51	18.50
3	16QAM	1	14	16.36	16.53	16.32	18.50
3	16QAM	8	0	16.51	16.56	16.57	18.50
3	16QAM	8	4	16.31	16.60	16.38	18.50
3	16QAM	8	7	16.31	16.56	16.46	18.50
3	16QAM	15	0	16.36	16.53	16.37	18.50
3	64QAM	1	0	16.35	16.48	16.40	18.50
3	64QAM	1	8	16.32	16.41	16.35	18.50
3	64QAM	1	14	16.20	16.42	16.39	18.50
3	64QAM	8	0	16.42	16.58	16.47	18.50
3	64QAM	8	4	16.47	16.54	16.62	18.50
3	64QAM	8	7	16.36	16.60	16.38	18.50
3	64QAM	15	0	16.42	16.59	16.45	18.50
3	256QAM	1	0	16.47	16.63	16.57	18.50
3	256QAM	1	8	16.33	16.57	16.44	18.50
3	256QAM	1	14	16.36	16.58	16.44	18.50
3	256QAM	8	0	16.37	16.52	16.45	18.50
3	256QAM	8	4	16.45	16.50	16.41	18.50
3	256QAM	8	7	16.33	16.50	16.51	18.50
3	256QAM	15	0	16.29	16.55	16.36	18.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.55	16.67	16.54	18.50
1.4	QPSK	1	3	16.48	16.63	16.47	18.50
1.4	QPSK	1	5	16.37	16.46	16.51	18.50
1.4	QPSK	3	0	16.57	16.54	16.54	18.50
1.4	QPSK	3	1	16.35	16.51	16.36	18.50
1.4	QPSK	3	3	16.50	16.56	16.44	18.50
1.4	QPSK	6	0	16.37	16.54	16.52	18.50
1.4	16QAM	1	0	16.26	16.44	16.37	18.50
1.4	16QAM	1	3	16.42	16.56	16.47	18.50
1.4	16QAM	1	5	16.36	16.52	16.27	18.50
1.4	16QAM	3	0	16.54	16.55	16.56	18.50
1.4	16QAM	3	1	16.28	16.51	16.48	18.50
1.4	16QAM	3	3	16.39	16.47	16.39	18.50
1.4	16QAM	6	0	16.42	16.62	16.39	18.50
1.4	64QAM	1	0	16.39	16.54	16.43	18.50
1.4	64QAM	1	3	16.21	16.48	16.30	18.50
1.4	64QAM	1	5	16.32	16.50	16.34	18.50
1.4	64QAM	3	0	16.44	16.61	16.38	18.50
1.4	64QAM	3	1	16.41	16.55	16.53	18.50
1.4	64QAM	3	3	16.36	16.49	16.39	18.50
1.4	64QAM	6	0	16.47	16.54	16.48	18.50
1.4	256QAM	1	0	16.51	16.54	16.52	18.50
1.4	256QAM	1	3	16.40	16.61	16.46	18.50
1.4	256QAM	1	5	16.37	16.58	16.45	18.50
1.4	256QAM	3	0	16.48	16.58	16.35	18.50
1.4	256QAM	3	1	16.43	16.52	16.39	18.50
1.4	256QAM	3	3	16.33	16.60	16.49	18.50
1.4	256QAM	6	0	16.33	16.55	16.27	18.50

【LTE Band 2_Ant 5_ECI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.42	18.47	18.41	20.00
20	QPSK	1	49	18.28	18.35	18.16	20.00
20	QPSK	1	99	18.26	18.35	18.16	20.00
20	QPSK	50	0	18.38	18.43	18.36	20.00
20	QPSK	50	24	18.25	18.39	18.18	20.00
20	QPSK	50	50	18.30	18.40	18.26	20.00
20	QPSK	100	0	18.33	18.42	18.32	20.00
20	16QAM	1	0	18.29	18.42	18.26	20.00
20	16QAM	1	49	18.14	18.28	18.14	20.00
20	16QAM	1	99	18.22	18.35	18.27	20.00
20	16QAM	50	0	18.22	18.32	18.20	20.00
20	16QAM	50	24	18.28	18.35	18.22	20.00
20	16QAM	50	50	18.34	18.41	18.29	20.00
20	16QAM	100	0	18.22	18.30	18.18	20.00
20	64QAM	1	0	18.25	18.33	18.25	20.00
20	64QAM	1	49	18.23	18.42	18.27	20.00
20	64QAM	1	99	18.24	18.33	18.17	20.00
20	64QAM	50	0	18.15	18.31	18.13	20.00
20	64QAM	50	24	18.33	18.42	18.24	20.00
20	64QAM	50	50	18.17	18.29	18.20	20.00
20	64QAM	100	0	18.29	18.41	18.22	20.00
20	256QAM	1	0	17.66	17.72	17.39	19.00
20	256QAM	1	49	17.59	17.68	17.46	19.00
20	256QAM	1	99	17.48	17.62	17.33	19.00
20	256QAM	50	0	17.40	17.44	17.24	19.00
20	256QAM	50	24	17.32	17.40	17.10	19.00
20	256QAM	50	50	17.27	17.42	17.11	19.00
20	256QAM	100	0	17.38	17.43	17.15	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.39	18.34	18.27	20.00
15	QPSK	1	37	18.19	18.29	18.13	20.00
15	QPSK	1	74	18.13	18.29	18.07	20.00
15	QPSK	36	0	18.35	18.36	18.23	20.00
15	QPSK	36	20	18.13	18.28	18.17	20.00
15	QPSK	36	39	18.23	18.27	18.22	20.00
15	QPSK	75	0	18.30	18.29	18.23	20.00



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15	16QAM	1	0	18.25	18.34	18.17	20.00
15	16QAM	1	37	18.12	18.13	18.05	20.00
15	16QAM	1	74	18.16	18.32	18.17	20.00
15	16QAM	36	0	18.17	18.21	18.07	20.00
15	16QAM	36	20	18.20	18.30	18.12	20.00
15	16QAM	36	39	18.21	18.35	18.18	20.00
15	16QAM	75	0	18.08	18.28	18.10	20.00
15	64QAM	1	0	18.13	18.22	18.17	20.00
15	64QAM	1	37	18.09	18.38	18.15	20.00
15	64QAM	1	74	18.12	18.32	18.05	20.00
15	64QAM	36	0	18.13	18.16	18.08	20.00
15	64QAM	36	20	18.18	18.38	18.22	20.00
15	64QAM	36	39	18.07	18.22	18.08	20.00
15	64QAM	75	0	18.26	18.31	18.13	20.00
15	256QAM	1	0	17.64	17.68	17.32	19.00
15	256QAM	1	37	17.56	17.59	17.34	19.00
15	256QAM	1	74	17.36	17.61	17.24	19.00
15	256QAM	36	0	17.26	17.33	17.21	19.00
15	256QAM	36	20	17.29	17.36	17.08	19.00
15	256QAM	36	39	17.25	17.32	17.08	19.00
15	256QAM	75	0	17.28	17.39	17.11	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.39	18.46	18.36	20.00
10	QPSK	1	25	18.18	18.29	18.10	20.00
10	QPSK	1	49	18.24	18.24	18.14	20.00
10	QPSK	25	0	18.34	18.38	18.35	20.00
10	QPSK	25	12	18.15	18.34	18.14	20.00
10	QPSK	25	25	18.22	18.36	18.13	20.00
10	QPSK	50	0	18.24	18.30	18.19	20.00
10	16QAM	1	0	18.15	18.29	18.17	20.00
10	16QAM	1	25	17.99	18.14	18.08	20.00
10	16QAM	1	49	18.09	18.21	18.24	20.00
10	16QAM	25	0	18.16	18.28	18.09	20.00
10	16QAM	25	12	18.21	18.28	18.08	20.00
10	16QAM	25	25	18.19	18.34	18.15	20.00
10	16QAM	50	0	18.12	18.25	18.07	20.00
10	64QAM	1	0	18.23	18.29	18.21	20.00
10	64QAM	1	25	18.12	18.34	18.14	20.00
10	64QAM	1	49	18.18	18.32	18.09	20.00
10	64QAM	25	0	18.09	18.28	18.00	20.00
10	64QAM	25	12	18.20	18.37	18.21	20.00
10	64QAM	25	25	18.07	18.15	18.14	20.00
10	64QAM	50	0	18.18	18.39	18.14	20.00
10	256QAM	1	0	17.51	17.69	17.35	19.00
10	256QAM	1	25	17.55	17.55	17.36	19.00
10	256QAM	1	49	17.46	17.52	17.32	19.00
10	256QAM	25	0	17.37	17.40	17.14	19.00
10	256QAM	25	12	17.17	17.34	16.96	19.00
10	256QAM	25	25	17.14	17.40	17.03	19.00
10	256QAM	50	0	17.36	17.30	17.10	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.40	18.45	18.26	20.00
5	QPSK	1	12	18.24	18.30	18.06	20.00
5	QPSK	1	24	18.18	18.22	18.02	20.00
5	QPSK	12	0	18.23	18.37	18.34	20.00
5	QPSK	12	7	18.23	18.35	18.10	20.00
5	QPSK	12	13	18.23	18.29	18.22	20.00
5	QPSK	25	0	18.19	18.38	18.29	20.00
5	16QAM	1	0	18.15	18.31	18.19	20.00
5	16QAM	1	12	17.99	18.14	17.99	20.00
5	16QAM	1	24	18.20	18.26	18.23	20.00
5	16QAM	12	0	18.16	18.25	18.15	20.00
5	16QAM	12	7	18.18	18.24	18.12	20.00
5	16QAM	12	13	18.20	18.35	18.21	20.00
5	16QAM	25	0	18.10	18.22	18.03	20.00
5	64QAM	1	0	18.20	18.20	18.15	20.00
5	64QAM	1	12	18.12	18.29	18.19	20.00
5	64QAM	1	24	18.16	18.23	18.15	20.00
5	64QAM	12	0	18.09	18.30	18.01	20.00
5	64QAM	12	7	18.19	18.30	18.15	20.00
5	64QAM	12	13	18.06	18.26	18.12	20.00
5	64QAM	25	0	18.25	18.31	18.10	20.00
5	256QAM	1	0	17.56	17.68	17.32	19.00
5	256QAM	1	12	17.49	17.56	17.44	19.00
5	256QAM	1	24	17.45	17.53	17.28	19.00
5	256QAM	12	0	17.31	17.38	17.15	19.00



5	256QAM	12	7	17.18	17.26	17.06	19.00
5	256QAM	12	13	17.24	17.33	17.07	19.00
5	256QAM	25	0	17.33	17.41	17.11	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.37	18.38	18.38	20.00
3	QPSK	1	8	18.19	18.20	18.11	20.00
3	QPSK	1	14	18.24	18.29	18.12	20.00
3	QPSK	8	0	18.29	18.41	18.26	20.00
3	QPSK	8	4	18.13	18.24	18.09	20.00
3	QPSK	8	7	18.23	18.28	18.14	20.00
3	QPSK	15	0	18.31	18.36	18.28	20.00
3	16QAM	1	0	18.24	18.32	18.18	20.00
3	16QAM	1	8	18.10	18.25	18.10	20.00
3	16QAM	1	14	18.09	18.29	18.26	20.00
3	16QAM	8	0	18.08	18.21	18.10	20.00
3	16QAM	8	4	18.14	18.30	18.12	20.00
3	16QAM	8	7	18.21	18.37	18.27	20.00
3	16QAM	15	0	18.08	18.24	18.07	20.00
3	64QAM	1	0	18.14	18.20	18.18	20.00
3	64QAM	1	8	18.12	18.31	18.23	20.00
3	64QAM	1	14	18.22	18.28	18.15	20.00
3	64QAM	8	0	18.11	18.27	18.07	20.00
3	64QAM	8	4	18.24	18.33	18.17	20.00
3	64QAM	8	7	18.16	18.24	18.14	20.00
3	64QAM	15	0	18.16	18.34	18.20	20.00
3	256QAM	1	0	17.56	17.65	17.24	19.00
3	256QAM	1	8	17.56	17.56	17.35	19.00
3	256QAM	1	14	17.37	17.50	17.26	19.00
3	256QAM	8	0	17.35	17.41	17.12	19.00
3	256QAM	8	4	17.25	17.29	16.97	19.00
3	256QAM	8	7	17.13	17.37	16.97	19.00
3	256QAM	15	0	17.36	17.29	17.11	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.38	18.33	18.34	20.00
1.4	QPSK	1	3	18.26	18.21	18.04	20.00
1.4	QPSK	1	5	18.13	18.24	18.03	20.00
1.4	QPSK	3	0	18.26	18.37	18.27	20.00
1.4	QPSK	3	1	18.14	18.31	18.04	20.00
1.4	QPSK	3	3	18.20	18.32	18.24	20.00
1.4	QPSK	6	0	18.32	18.36	18.24	20.00
1.4	16QAM	1	0	18.23	18.29	18.13	20.00
1.4	16QAM	1	3	18.09	18.18	18.11	20.00
1.4	16QAM	1	5	18.21	18.29	18.21	20.00
1.4	16QAM	3	0	18.20	18.23	18.16	20.00
1.4	16QAM	3	1	18.19	18.22	18.15	20.00
1.4	16QAM	3	3	18.24	18.38	18.26	20.00
1.4	16QAM	6	0	18.15	18.23	18.07	20.00
1.4	64QAM	1	0	18.22	18.22	18.14	20.00
1.4	64QAM	1	3	18.16	18.31	18.21	20.00
1.4	64QAM	1	5	18.23	18.29	18.10	20.00
1.4	64QAM	3	0	18.02	18.25	18.02	20.00
1.4	64QAM	3	1	18.20	18.34	18.14	20.00
1.4	64QAM	3	3	18.08	18.26	18.14	20.00
1.4	64QAM	6	0	18.28	18.33	18.11	20.00
1.4	256QAM	1	0	17.52	17.64	17.37	19.00
1.4	256QAM	1	3	17.48	17.62	17.43	19.00
1.4	256QAM	1	5	17.33	17.59	17.30	19.00
1.4	256QAM	3	0	17.30	17.42	17.22	19.00
1.4	256QAM	3	1	17.27	17.38	17.00	19.00
1.4	256QAM	3	3	17.16	17.28	16.96	19.00
1.4	256QAM	6	0	17.28	17.30	17.09	19.00



【LTE Band 2_Ant 5_ECI3-1】

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	20.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.21	18.23	18.22	20.00
20	QPSK	1	49	17.92	18.02	17.91	20.00
20	QPSK	1	99	18.04	18.17	18.08	20.00
20	QPSK	50	0	18.13	18.19	18.18	20.00
20	QPSK	50	24	18.06	18.18	18.02	20.00
20	QPSK	50	50	17.98	18.15	18.11	20.00
20	QPSK	100	0	18.09	18.10	18.08	20.00
20	16QAM	1	0	18.01	18.16	18.11	20.00
20	16QAM	1	49	17.95	18.12	17.97	20.00
20	16QAM	1	99	17.99	18.08	18.04	20.00
20	16QAM	50	0	18.02	18.16	18.05	20.00
20	16QAM	50	24	17.88	18.00	17.90	20.00
20	16QAM	50	50	18.19	18.24	18.18	20.00
20	16QAM	100	0	17.95	18.08	17.93	20.00
20	64QAM	1	0	18.04	18.20	18.13	20.00
20	64QAM	1	49	17.94	18.08	17.97	20.00
20	64QAM	1	99	17.93	18.08	18.05	20.00
20	64QAM	50	0	18.08	18.12	18.09	20.00
20	64QAM	50	24	17.97	18.09	17.99	20.00
20	64QAM	50	50	18.02	18.06	17.99	20.00
20	64QAM	100	0	18.14	18.20	18.13	20.00
20	256QAM	1	0	17.61	17.65	17.55	19.50
20	256QAM	1	49	17.48	17.59	17.49	19.50
20	256QAM	1	99	17.49	17.57	17.35	19.50
20	256QAM	50	0	17.64	17.64	17.62	19.50
20	256QAM	50	24	17.67	17.68	17.50	19.50
20	256QAM	50	50	17.58	17.64	17.52	19.50
20	256QAM	100	0	17.62	17.74	17.62	19.50
Channel				18675	18900	19125	20.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.10	18.16	18.07	20.00
15	QPSK	1	37	17.89	17.89	17.90	20.00
15	QPSK	1	74	17.92	18.16	18.06	20.00
15	QPSK	36	0	18.05	18.04	18.16	20.00
15	QPSK	36	20	17.99	18.03	17.98	20.00
15	QPSK	36	39	17.91	18.12	17.96	20.00
15	QPSK	75	0	17.98	18.02	18.02	20.00
15	16QAM	1	0	17.98	18.15	18.07	20.00
15	16QAM	1	37	17.90	17.97	17.95	20.00
15	16QAM	1	74	17.86	18.04	17.99	20.00
15	16QAM	36	0	17.97	18.04	17.92	20.00
15	16QAM	36	20	17.84	17.90	17.86	20.00
15	16QAM	36	39	18.13	18.15	18.10	20.00
15	16QAM	75	0	17.80	17.97	17.85	20.00
15	64QAM	1	0	17.97	18.12	18.02	20.00
15	64QAM	1	37	17.84	17.96	17.89	20.00
15	64QAM	1	74	17.85	17.99	18.01	20.00
15	64QAM	36	0	18.06	17.97	18.04	20.00
15	64QAM	36	20	17.95	17.95	17.93	20.00
15	64QAM	36	39	17.88	17.96	17.85	20.00
15	64QAM	75	0	18.04	18.10	18.00	20.00
15	256QAM	1	0	17.60	17.55	17.53	19.50
15	256QAM	1	37	17.38	17.54	17.45	19.50
15	256QAM	1	74	17.42	17.49	17.27	19.50
15	256QAM	36	0	17.56	17.62	17.57	19.50
15	256QAM	36	20	17.59	17.61	17.42	19.50
15	256QAM	36	39	17.51	17.50	17.51	19.50
15	256QAM	75	0	17.58	17.62	17.49	19.50
Channel				18650	18900	19150	20.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.12	18.19	18.13	20.00
10	QPSK	1	25	17.80	17.98	17.88	20.00
10	QPSK	1	49	17.91	18.03	17.96	20.00
10	QPSK	25	0	18.07	18.07	18.14	20.00
10	QPSK	25	12	17.96	18.06	17.87	20.00
10	QPSK	25	25	17.92	18.07	17.96	20.00
10	QPSK	50	0	17.97	18.01	18.05	20.00
10	16QAM	1	0	17.97	18.09	18.06	20.00
10	16QAM	1	25	17.82	18.00	17.94	20.00
10	16QAM	1	49	17.90	17.98	17.98	20.00
10	16QAM	25	0	17.92	18.09	17.95	20.00



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10	16QAM	25	12	17.80	17.92	17.86	20.00
10	16QAM	25	25	18.09	18.17	18.07	20.00
10	16QAM	50	0	17.81	18.05	17.83	20.00
10	64QAM	1	0	17.92	18.12	18.08	20.00
10	64QAM	1	25	17.82	18.00	17.86	20.00
10	64QAM	1	49	17.80	18.00	17.98	20.00
10	64QAM	25	0	17.94	17.97	17.94	20.00
10	64QAM	25	12	17.93	18.08	17.92	20.00
10	64QAM	25	25	18.00	17.97	17.96	20.00
10	64QAM	50	0	18.11	18.18	18.04	20.00
10	256QAM	1	0	17.53	17.55	17.42	19.50
10	256QAM	1	25	17.45	17.48	17.35	19.50
10	256QAM	1	49	17.37	17.43	17.27	19.50
10	256QAM	25	0	17.54	17.49	17.57	19.50
10	256QAM	25	12	17.65	17.59	17.35	19.50
10	256QAM	25	25	17.57	17.58	17.48	19.50
10	256QAM	50	0	17.49	17.67	17.49	19.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.12	18.20	18.21	20.00
5	QPSK	1	12	17.81	17.87	17.85	20.00
5	QPSK	1	24	18.02	18.05	18.06	20.00
5	QPSK	12	0	18.11	18.10	18.08	20.00
5	QPSK	12	7	17.97	18.04	17.89	20.00
5	QPSK	12	13	17.92	18.14	17.98	20.00
5	QPSK	25	0	18.04	18.05	18.04	20.00
5	16QAM	1	0	17.87	18.09	18.06	20.00
5	16QAM	1	12	17.81	18.10	17.96	20.00
5	16QAM	1	24	17.86	17.94	17.90	20.00
5	16QAM	12	0	17.93	18.09	17.92	20.00
5	16QAM	12	7	17.81	17.87	17.76	20.00
5	16QAM	12	13	18.10	18.22	18.08	20.00
5	16QAM	25	0	17.85	17.97	17.78	20.00
5	64QAM	1	0	17.99	18.17	18.10	20.00
5	64QAM	1	12	17.79	18.07	17.87	20.00
5	64QAM	1	24	17.91	17.98	17.97	20.00
5	64QAM	12	0	18.00	18.10	17.99	20.00
5	64QAM	12	7	17.89	18.08	17.92	20.00
5	64QAM	12	13	17.96	17.95	17.92	20.00
5	64QAM	25	0	18.03	18.15	18.06	20.00
5	256QAM	1	0	17.52	17.57	17.53	19.50
5	256QAM	1	12	17.43	17.50	17.39	19.50
5	256QAM	1	24	17.41	17.49	17.30	19.50
5	256QAM	12	0	17.52	17.63	17.49	19.50
5	256QAM	12	7	17.61	17.66	17.39	19.50
5	256QAM	12	13	17.47	17.60	17.47	19.50
5	256QAM	25	0	17.53	17.61	17.56	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.16	18.13	18.12	20.00
3	QPSK	1	8	17.88	17.98	17.87	20.00
3	QPSK	1	14	17.93	18.12	17.94	20.00
3	QPSK	8	0	18.01	18.15	18.10	20.00
3	QPSK	8	4	17.97	18.15	17.89	20.00
3	QPSK	8	7	17.94	18.09	18.07	20.00
3	QPSK	15	0	18.06	17.97	18.00	20.00
3	16QAM	1	0	17.93	18.11	17.97	20.00
3	16QAM	1	8	17.92	18.00	17.93	20.00
3	16QAM	1	14	17.93	17.98	18.01	20.00
3	16QAM	8	0	17.89	18.13	18.03	20.00
3	16QAM	8	4	17.86	17.97	17.81	20.00
3	16QAM	8	7	18.18	18.09	18.11	20.00
3	16QAM	15	0	17.82	18.03	17.88	20.00
3	64QAM	1	0	17.95	18.06	18.07	20.00
3	64QAM	1	8	17.83	17.96	17.89	20.00
3	64QAM	1	14	17.79	18.00	17.95	20.00
3	64QAM	8	0	17.96	17.97	17.97	20.00
3	64QAM	8	4	17.92	18.02	17.90	20.00
3	64QAM	8	7	17.94	17.95	17.92	20.00
3	64QAM	15	0	18.07	18.13	18.04	20.00
3	256QAM	1	0	17.57	17.63	17.53	19.50
3	256QAM	1	8	17.42	17.46	17.38	19.50
3	256QAM	1	14	17.41	17.44	17.32	19.50
3	256QAM	8	0	17.49	17.53	17.56	19.50
3	256QAM	8	4	17.60	17.61	17.37	19.50
3	256QAM	8	7	17.48	17.57	17.45	19.50
3	256QAM	15	0	17.54	17.67	17.58	19.50
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.18	18.14	18.15	20.00
1.4	QPSK	1	3	17.89	17.90	17.77	20.00
1.4	QPSK	1	5	17.95	18.05	18.02	20.00
1.4	QPSK	3	0	18.03	18.18	18.05	20.00
1.4	QPSK	3	1	17.91	18.15	17.89	20.00
1.4	QPSK	3	3	17.87	18.02	18.01	20.00
1.4	QPSK	6	0	17.99	18.01	17.98	20.00
1.4	16QAM	1	0	17.93	18.02	18.08	20.00
1.4	16QAM	1	3	17.90	17.97	17.86	20.00
1.4	16QAM	1	5	17.92	17.96	17.96	20.00
1.4	16QAM	3	0	17.94	18.06	17.93	20.00
1.4	16QAM	3	1	17.74	17.85	17.77	20.00
1.4	16QAM	3	3	18.15	18.14	18.07	20.00
1.4	16QAM	6	0	17.88	18.04	17.90	20.00
1.4	64QAM	1	0	18.01	18.06	18.02	20.00
1.4	64QAM	1	3	17.83	18.00	17.91	20.00
1.4	64QAM	1	5	17.81	18.02	17.93	20.00
1.4	64QAM	3	0	18.07	18.05	18.02	20.00
1.4	64QAM	3	1	17.96	18.07	17.95	20.00
1.4	64QAM	3	3	17.95	17.95	17.96	20.00
1.4	64QAM	6	0	18.08	18.17	18.04	20.00
1.4	256QAM	1	0	17.47	17.59	17.49	19.50
1.4	256QAM	1	3	17.36	17.57	17.37	19.50
1.4	256QAM	1	5	17.35	17.50	17.27	19.50
1.4	256QAM	3	0	17.54	17.49	17.55	19.50
1.4	256QAM	3	1	17.53	17.59	17.47	19.50
1.4	256QAM	3	3	17.52	17.51	17.40	19.50
1.4	256QAM	6	0	17.49	17.69	17.52	19.50

【LTE Band 2_Ant 5_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.12	18.19	18.16	20.00
20	QPSK	1	49	17.94	18.10	18.04	20.00
20	QPSK	1	99	17.98	18.09	17.96	20.00
20	QPSK	50	0	18.11	18.14	18.13	20.00
20	QPSK	50	24	17.93	18.11	17.98	20.00
20	QPSK	50	50	17.98	18.10	18.04	20.00
20	QPSK	100	0	18.09	18.13	18.11	20.00
20	16QAM	1	0	17.96	18.06	18.01	20.00
20	16QAM	1	49	17.98	18.11	17.96	20.00
20	16QAM	1	99	17.88	17.99	17.81	20.00
20	16QAM	50	0	17.96	18.07	18.03	20.00
20	16QAM	50	24	17.92	18.11	18.06	20.00
20	16QAM	50	50	17.84	18.06	17.94	20.00
20	16QAM	100	0	17.95	18.10	17.93	20.00
20	64QAM	1	0	17.94	18.10	17.98	20.00
20	64QAM	1	49	17.93	18.01	17.91	20.00
20	64QAM	1	99	17.78	17.99	17.90	20.00
20	64QAM	50	0	17.96	18.08	17.96	20.00
20	64QAM	50	24	17.86	17.98	17.92	20.00
20	64QAM	50	50	17.89	17.98	17.89	20.00
20	64QAM	100	0	17.87	18.00	17.93	20.00
20	256QAM	1	0	17.55	17.65	17.50	19.50
20	256QAM	1	49	17.51	17.54	17.46	19.50
20	256QAM	1	99	17.50	17.58	17.38	19.50
20	256QAM	50	0	17.59	17.68	17.58	19.50
20	256QAM	50	24	17.62	17.66	17.50	19.50
20	256QAM	50	50	17.54	17.67	17.48	19.50
20	256QAM	100	0	17.63	17.69	17.56	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.07	18.08	18.10	20.00
15	QPSK	1	37	17.85	18.03	17.91	20.00
15	QPSK	1	74	17.87	18.02	17.91	20.00
15	QPSK	36	0	18.03	18.12	18.06	20.00
15	QPSK	36	20	17.80	18.05	17.88	20.00
15	QPSK	36	39	17.90	18.05	17.91	20.00
15	QPSK	75	0	18.00	18.11	18.04	20.00



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15	16QAM	1	0	17.89	18.01	17.97	20.00
15	16QAM	1	37	17.84	17.98	17.83	20.00
15	16QAM	1	74	17.79	17.95	17.76	20.00
15	16QAM	36	0	17.93	17.98	18.00	20.00
15	16QAM	36	20	17.77	18.01	17.97	20.00
15	16QAM	36	39	17.76	18.03	17.91	20.00
15	16QAM	75	0	17.92	17.97	17.84	20.00
15	64QAM	1	0	17.89	17.96	17.88	20.00
15	64QAM	1	37	17.79	17.90	17.78	20.00
15	64QAM	1	74	17.71	17.84	17.85	20.00
15	64QAM	36	0	17.87	18.05	17.90	20.00
15	64QAM	36	20	17.78	17.85	17.87	20.00
15	64QAM	36	39	17.86	17.85	17.81	20.00
15	64QAM	75	0	17.86	17.91	17.83	20.00
15	256QAM	1	0	17.41	17.59	17.48	19.50
15	256QAM	1	37	17.46	17.49	17.44	19.50
15	256QAM	1	74	17.45	17.44	17.30	19.50
15	256QAM	36	0	17.57	17.62	17.47	19.50
15	256QAM	36	20	17.49	17.63	17.48	19.50
15	256QAM	36	39	17.52	17.53	17.35	19.50
15	256QAM	75	0	17.49	17.64	17.44	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.97	18.12	18.03	20.00
10	QPSK	1	25	17.84	18.05	17.97	20.00
10	QPSK	1	49	17.83	17.97	17.92	20.00
10	QPSK	25	0	17.99	18.02	18.12	20.00
10	QPSK	25	12	17.78	18.08	17.88	20.00
10	QPSK	25	25	17.92	17.99	18.03	20.00
10	QPSK	50	0	18.01	18.00	18.09	20.00
10	16QAM	1	0	17.84	18.02	17.92	20.00
10	16QAM	1	25	17.97	18.08	17.92	20.00
10	16QAM	1	49	17.78	17.96	17.66	20.00
10	16QAM	25	0	17.94	18.02	17.94	20.00
10	16QAM	25	12	17.88	18.07	17.98	20.00
10	16QAM	25	25	17.76	17.92	17.87	20.00
10	16QAM	50	0	17.90	17.97	17.79	20.00
10	64QAM	1	0	17.89	18.04	17.87	20.00
10	64QAM	1	25	17.88	17.93	17.89	20.00
10	64QAM	1	49	17.64	17.91	17.87	20.00
10	64QAM	25	0	17.93	18.04	17.90	20.00
10	64QAM	25	12	17.78	17.96	17.87	20.00
10	64QAM	25	25	17.81	17.85	17.76	20.00
10	64QAM	50	0	17.82	17.90	17.82	20.00
10	256QAM	1	0	17.50	17.52	17.39	19.50
10	256QAM	1	25	17.50	17.49	17.41	19.50
10	256QAM	1	49	17.45	17.57	17.36	19.50
10	256QAM	25	0	17.48	17.58	17.48	19.50
10	256QAM	25	12	17.61	17.64	17.35	19.50
10	256QAM	25	25	17.46	17.63	17.45	19.50
10	256QAM	50	0	17.49	17.56	17.48	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.00	18.07	18.14	20.00
5	QPSK	1	12	17.81	18.00	18.01	20.00
5	QPSK	1	24	17.92	17.99	17.83	20.00
5	QPSK	12	0	18.10	18.04	18.08	20.00
5	QPSK	12	7	17.84	18.03	17.88	20.00
5	QPSK	12	13	17.97	18.07	17.89	20.00
5	QPSK	25	0	18.00	17.99	17.96	20.00
5	16QAM	1	0	17.82	17.96	17.93	20.00
5	16QAM	1	12	17.86	17.99	17.94	20.00
5	16QAM	1	24	17.83	17.85	17.72	20.00
5	16QAM	12	0	17.94	18.01	17.91	20.00
5	16QAM	12	7	17.85	18.00	17.97	20.00
5	16QAM	12	13	17.75	17.97	17.90	20.00
5	16QAM	25	0	17.80	18.03	17.83	20.00
5	64QAM	1	0	17.81	18.06	17.93	20.00
5	64QAM	1	12	17.91	17.91	17.78	20.00
5	64QAM	1	24	17.64	17.94	17.77	20.00
5	64QAM	12	0	17.95	17.96	17.89	20.00
5	64QAM	12	7	17.79	17.84	17.83	20.00
5	64QAM	12	13	17.82	17.97	17.74	20.00
5	64QAM	25	0	17.82	17.92	17.78	20.00
5	256QAM	1	0	17.52	17.56	17.46	19.50
5	256QAM	1	12	17.39	17.52	17.43	19.50
5	256QAM	1	24	17.41	17.53	17.31	19.50
5	256QAM	12	0	17.52	17.62	17.51	19.50



5	256QAM	12	7	17.51	17.57	17.41	19.50
5	256QAM	12	13	17.44	17.60	17.42	19.50
5	256QAM	25	0	17.50	17.56	17.51	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.02	18.08	18.11	20.00
3	QPSK	1	8	17.91	18.05	17.94	20.00
3	QPSK	1	14	17.94	17.95	17.84	20.00
3	QPSK	8	0	18.08	18.06	18.09	20.00
3	QPSK	8	4	17.80	17.97	17.95	20.00
3	QPSK	8	7	17.93	18.10	18.01	20.00
3	QPSK	15	0	18.01	18.08	18.02	20.00
3	16QAM	1	0	17.92	17.91	17.94	20.00
3	16QAM	1	8	17.94	17.98	17.89	20.00
3	16QAM	1	14	17.84	17.91	17.71	20.00
3	16QAM	8	0	17.86	17.99	17.93	20.00
3	16QAM	8	4	17.79	18.05	18.01	20.00
3	16QAM	8	7	17.76	17.93	17.80	20.00
3	16QAM	15	0	17.86	18.03	17.90	20.00
3	64QAM	1	0	17.84	17.99	17.94	20.00
3	64QAM	1	8	17.83	17.99	17.77	20.00
3	64QAM	1	14	17.68	17.94	17.87	20.00
3	64QAM	8	0	17.86	18.00	17.84	20.00
3	64QAM	8	4	17.80	17.86	17.90	20.00
3	64QAM	8	7	17.85	17.85	17.84	20.00
3	64QAM	15	0	17.81	17.95	17.78	20.00
3	256QAM	1	0	17.52	17.56	17.36	19.50
3	256QAM	1	8	17.47	17.44	17.42	19.50
3	256QAM	1	14	17.45	17.46	17.26	19.50
3	256QAM	8	0	17.54	17.56	17.52	19.50
3	256QAM	8	4	17.49	17.60	17.42	19.50
3	256QAM	8	7	17.48	17.57	17.40	19.50
3	256QAM	15	0	17.49	17.55	17.48	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.07	18.10	18.12	20.00
1.4	QPSK	1	3	17.89	17.99	17.95	20.00
1.4	QPSK	1	5	17.96	18.05	17.86	20.00
1.4	QPSK	3	0	18.02	17.99	18.09	20.00
1.4	QPSK	3	1	17.82	18.08	17.86	20.00
1.4	QPSK	3	3	17.94	18.06	17.98	20.00
1.4	QPSK	6	0	18.01	18.07	17.98	20.00
1.4	16QAM	1	0	17.86	18.01	17.99	20.00
1.4	16QAM	1	3	17.92	17.98	17.86	20.00
1.4	16QAM	1	5	17.83	17.96	17.70	20.00
1.4	16QAM	3	0	17.95	17.96	18.02	20.00
1.4	16QAM	3	1	17.87	18.06	18.01	20.00
1.4	16QAM	3	3	17.72	17.96	17.93	20.00
1.4	16QAM	6	0	17.86	18.02	17.80	20.00
1.4	64QAM	1	0	17.83	18.06	17.95	20.00
1.4	64QAM	1	3	17.81	17.96	17.85	20.00
1.4	64QAM	1	5	17.65	17.96	17.88	20.00
1.4	64QAM	3	0	17.83	18.02	17.86	20.00
1.4	64QAM	3	1	17.73	17.90	17.89	20.00
1.4	64QAM	3	3	17.78	17.95	17.79	20.00
1.4	64QAM	6	0	17.72	17.98	17.82	20.00
1.4	256QAM	1	0	17.47	17.56	17.38	19.50
1.4	256QAM	1	3	17.44	17.48	17.40	19.50
1.4	256QAM	1	5	17.40	17.46	17.34	19.50
1.4	256QAM	3	0	17.47	17.63	17.48	19.50
1.4	256QAM	3	1	17.56	17.65	17.45	19.50
1.4	256QAM	3	3	17.44	17.60	17.34	19.50
1.4	256QAM	6	0	17.52	17.55	17.49	19.50



【LTE Band 2_Ant 5_ECI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.42	18.47	18.41	20.00
20	QPSK	1	49	18.28	18.35	18.16	20.00
20	QPSK	1	99	18.26	18.35	18.16	20.00
20	QPSK	50	0	18.38	18.43	18.36	20.00
20	QPSK	50	24	18.25	18.39	18.18	20.00
20	QPSK	50	50	18.30	18.40	18.26	20.00
20	QPSK	100	0	18.33	18.42	18.32	20.00
20	16QAM	1	0	18.29	18.42	18.26	20.00
20	16QAM	1	49	18.14	18.28	18.14	20.00
20	16QAM	1	99	18.22	18.35	18.27	20.00
20	16QAM	50	0	18.22	18.32	18.20	20.00
20	16QAM	50	24	18.28	18.35	18.22	20.00
20	16QAM	50	50	18.34	18.41	18.29	20.00
20	16QAM	100	0	18.22	18.30	18.18	20.00
20	64QAM	1	0	18.25	18.33	18.25	20.00
20	64QAM	1	49	18.23	18.42	18.27	20.00
20	64QAM	1	99	18.24	18.33	18.17	20.00
20	64QAM	50	0	18.15	18.31	18.13	20.00
20	64QAM	50	24	18.33	18.42	18.24	20.00
20	64QAM	50	50	18.17	18.29	18.20	20.00
20	64QAM	100	0	18.29	18.41	18.22	20.00
20	256QAM	1	0	17.66	17.72	17.39	19.00
20	256QAM	1	49	17.59	17.68	17.46	19.00
20	256QAM	1	99	17.48	17.62	17.33	19.00
20	256QAM	50	0	17.40	17.44	17.24	19.00
20	256QAM	50	24	17.32	17.40	17.10	19.00
20	256QAM	50	50	17.27	17.42	17.11	19.00
20	256QAM	100	0	17.38	17.43	17.15	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.39	18.34	18.27	20.00
15	QPSK	1	37	18.19	18.29	18.13	20.00
15	QPSK	1	74	18.13	18.29	18.07	20.00
15	QPSK	36	0	18.35	18.36	18.23	20.00
15	QPSK	36	20	18.13	18.28	18.17	20.00
15	QPSK	36	39	18.23	18.27	18.22	20.00
15	QPSK	75	0	18.30	18.29	18.23	20.00
15	16QAM	1	0	18.25	18.34	18.17	20.00
15	16QAM	1	37	18.12	18.13	18.05	20.00
15	16QAM	1	74	18.16	18.32	18.17	20.00
15	16QAM	36	0	18.17	18.21	18.07	20.00
15	16QAM	36	20	18.20	18.30	18.12	20.00
15	16QAM	36	39	18.21	18.35	18.18	20.00
15	16QAM	75	0	18.08	18.28	18.10	20.00
15	64QAM	1	0	18.13	18.22	18.17	20.00
15	64QAM	1	37	18.09	18.38	18.15	20.00
15	64QAM	1	74	18.12	18.32	18.05	20.00
15	64QAM	36	0	18.13	18.16	18.08	20.00
15	64QAM	36	20	18.18	18.38	18.22	20.00
15	64QAM	36	39	18.07	18.22	18.08	20.00
15	64QAM	75	0	18.26	18.31	18.13	20.00
15	256QAM	1	0	17.64	17.68	17.32	19.00
15	256QAM	1	37	17.56	17.59	17.34	19.00
15	256QAM	1	74	17.36	17.61	17.24	19.00
15	256QAM	36	0	17.26	17.33	17.21	19.00
15	256QAM	36	20	17.29	17.36	17.08	19.00
15	256QAM	36	39	17.25	17.32	17.08	19.00
15	256QAM	75	0	17.28	17.39	17.11	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.39	18.46	18.36	20.00
10	QPSK	1	25	18.18	18.29	18.10	20.00
10	QPSK	1	49	18.24	18.24	18.14	20.00
10	QPSK	25	0	18.34	18.38	18.35	20.00
10	QPSK	25	12	18.15	18.34	18.14	20.00
10	QPSK	25	25	18.22	18.36	18.13	20.00
10	QPSK	50	0	18.24	18.30	18.19	20.00
10	16QAM	1	0	18.15	18.29	18.17	20.00
10	16QAM	1	25	17.99	18.14	18.08	20.00
10	16QAM	1	49	18.09	18.21	18.24	20.00
10	16QAM	25	0	18.16	18.28	18.09	20.00



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10	16QAM	25	12	18.21	18.28	18.08	20.00
10	16QAM	25	25	18.19	18.34	18.15	20.00
10	16QAM	50	0	18.12	18.25	18.07	20.00
10	64QAM	1	0	18.23	18.29	18.21	20.00
10	64QAM	1	25	18.12	18.34	18.14	20.00
10	64QAM	1	49	18.18	18.32	18.09	20.00
10	64QAM	25	0	18.09	18.28	18.00	20.00
10	64QAM	25	12	18.20	18.37	18.21	20.00
10	64QAM	25	25	18.07	18.15	18.14	20.00
10	64QAM	50	0	18.18	18.39	18.14	20.00
10	256QAM	1	0	17.51	17.69	17.35	19.00
10	256QAM	1	25	17.55	17.55	17.36	19.00
10	256QAM	1	49	17.46	17.52	17.32	19.00
10	256QAM	25	0	17.37	17.40	17.14	19.00
10	256QAM	25	12	17.17	17.34	16.96	19.00
10	256QAM	25	25	17.14	17.40	17.03	19.00
10	256QAM	50	0	17.36	17.30	17.10	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.40	18.45	18.26	20.00
5	QPSK	1	12	18.24	18.30	18.06	20.00
5	QPSK	1	24	18.18	18.22	18.02	20.00
5	QPSK	12	0	18.23	18.37	18.34	20.00
5	QPSK	12	7	18.23	18.35	18.10	20.00
5	QPSK	12	13	18.23	18.29	18.22	20.00
5	QPSK	25	0	18.19	18.38	18.29	20.00
5	16QAM	1	0	18.15	18.31	18.19	20.00
5	16QAM	1	12	17.99	18.14	17.99	20.00
5	16QAM	1	24	18.20	18.26	18.23	20.00
5	16QAM	12	0	18.16	18.25	18.15	20.00
5	16QAM	12	7	18.18	18.24	18.12	20.00
5	16QAM	12	13	18.20	18.35	18.21	20.00
5	16QAM	25	0	18.10	18.22	18.03	20.00
5	64QAM	1	0	18.20	18.20	18.15	20.00
5	64QAM	1	12	18.12	18.29	18.19	20.00
5	64QAM	1	24	18.16	18.23	18.15	20.00
5	64QAM	12	0	18.09	18.30	18.01	20.00
5	64QAM	12	7	18.19	18.30	18.15	20.00
5	64QAM	12	13	18.06	18.26	18.12	20.00
5	64QAM	25	0	18.25	18.31	18.10	20.00
5	256QAM	1	0	17.56	17.68	17.32	19.00
5	256QAM	1	12	17.49	17.56	17.44	19.00
5	256QAM	1	24	17.45	17.53	17.28	19.00
5	256QAM	12	0	17.31	17.38	17.15	19.00
5	256QAM	12	7	17.18	17.26	17.06	19.00
5	256QAM	12	13	17.24	17.33	17.07	19.00
5	256QAM	25	0	17.33	17.41	17.11	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.37	18.38	18.38	20.00
3	QPSK	1	8	18.19	18.20	18.11	20.00
3	QPSK	1	14	18.24	18.29	18.12	20.00
3	QPSK	8	0	18.29	18.41	18.26	20.00
3	QPSK	8	4	18.13	18.24	18.09	20.00
3	QPSK	8	7	18.23	18.28	18.14	20.00
3	QPSK	15	0	18.31	18.36	18.28	20.00
3	16QAM	1	0	18.24	18.32	18.18	20.00
3	16QAM	1	8	18.10	18.25	18.10	20.00
3	16QAM	1	14	18.09	18.29	18.26	20.00
3	16QAM	8	0	18.08	18.21	18.10	20.00
3	16QAM	8	4	18.14	18.30	18.12	20.00
3	16QAM	8	7	18.21	18.37	18.27	20.00
3	16QAM	15	0	18.08	18.24	18.07	20.00
3	64QAM	1	0	18.14	18.20	18.18	20.00
3	64QAM	1	8	18.12	18.31	18.23	20.00
3	64QAM	1	14	18.22	18.28	18.15	20.00
3	64QAM	8	0	18.11	18.27	18.07	20.00
3	64QAM	8	4	18.24	18.33	18.17	20.00
3	64QAM	8	7	18.16	18.24	18.14	20.00
3	64QAM	15	0	18.16	18.34	18.20	20.00
3	256QAM	1	0	17.56	17.65	17.24	19.00
3	256QAM	1	8	17.56	17.56	17.35	19.00
3	256QAM	1	14	17.37	17.50	17.26	19.00
3	256QAM	8	0	17.35	17.41	17.12	19.00
3	256QAM	8	4	17.25	17.29	16.97	19.00
3	256QAM	8	7	17.13	17.37	16.97	19.00
3	256QAM	15	0	17.36	17.29	17.11	19.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.38	18.33	18.34	20.00
1.4	QPSK	1	3	18.26	18.21	18.04	20.00
1.4	QPSK	1	5	18.13	18.24	18.03	20.00
1.4	QPSK	3	0	18.26	18.37	18.27	20.00
1.4	QPSK	3	1	18.14	18.31	18.04	20.00
1.4	QPSK	3	3	18.20	18.32	18.24	20.00
1.4	QPSK	6	0	18.32	18.36	18.24	20.00
1.4	16QAM	1	0	18.23	18.29	18.13	20.00
1.4	16QAM	1	3	18.09	18.18	18.11	20.00
1.4	16QAM	1	5	18.21	18.29	18.21	20.00
1.4	16QAM	3	0	18.20	18.23	18.16	20.00
1.4	16QAM	3	1	18.19	18.22	18.15	20.00
1.4	16QAM	3	3	18.24	18.38	18.26	20.00
1.4	16QAM	6	0	18.15	18.23	18.07	20.00
1.4	64QAM	1	0	18.22	18.22	18.14	20.00
1.4	64QAM	1	3	18.16	18.31	18.21	20.00
1.4	64QAM	1	5	18.23	18.29	18.10	20.00
1.4	64QAM	3	0	18.02	18.25	18.02	20.00
1.4	64QAM	3	1	18.20	18.34	18.14	20.00
1.4	64QAM	3	3	18.08	18.26	18.14	20.00
1.4	64QAM	6	0	18.28	18.33	18.11	20.00
1.4	256QAM	1	0	17.52	17.64	17.37	19.00
1.4	256QAM	1	3	17.48	17.62	17.43	19.00
1.4	256QAM	1	5	17.33	17.59	17.30	19.00
1.4	256QAM	3	0	17.30	17.42	17.22	19.00
1.4	256QAM	3	1	17.27	17.38	17.00	19.00
1.4	256QAM	3	3	17.16	17.28	16.96	19.00
1.4	256QAM	6	0	17.28	17.30	17.09	19.00

【LTE Band 2_Ant 5_ECI4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.21	18.23	18.22	20.00
20	QPSK	1	49	17.92	18.02	17.91	20.00
20	QPSK	1	99	18.04	18.17	18.08	20.00
20	QPSK	50	0	18.13	18.19	18.18	20.00
20	QPSK	50	24	18.06	18.18	18.02	20.00
20	QPSK	50	50	17.98	18.15	18.11	20.00
20	QPSK	100	0	18.09	18.10	18.08	20.00
20	16QAM	1	0	18.01	18.16	18.11	20.00
20	16QAM	1	49	17.95	18.12	17.97	20.00
20	16QAM	1	99	17.99	18.08	18.04	20.00
20	16QAM	50	0	18.02	18.16	18.05	20.00
20	16QAM	50	24	17.88	18.00	17.90	20.00
20	16QAM	50	50	18.19	18.24	18.18	20.00
20	16QAM	100	0	17.95	18.08	17.93	20.00
20	64QAM	1	0	18.04	18.20	18.13	20.00
20	64QAM	1	49	17.94	18.08	17.97	20.00
20	64QAM	1	99	17.93	18.08	18.05	20.00
20	64QAM	50	0	18.08	18.12	18.09	20.00
20	64QAM	50	24	17.97	18.09	17.99	20.00
20	64QAM	50	50	18.02	18.06	17.99	20.00
20	64QAM	100	0	18.14	18.20	18.13	20.00
20	256QAM	1	0	17.61	17.65	17.55	19.50
20	256QAM	1	49	17.48	17.59	17.49	19.50
20	256QAM	1	99	17.49	17.57	17.35	19.50
20	256QAM	50	0	17.64	17.64	17.62	19.50
20	256QAM	50	24	17.67	17.68	17.50	19.50
20	256QAM	50	50	17.58	17.64	17.52	19.50
20	256QAM	100	0	17.62	17.74	17.62	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.10	18.16	18.07	20.00
15	QPSK	1	37	17.89	17.89	17.90	20.00
15	QPSK	1	74	17.92	18.16	18.06	20.00
15	QPSK	36	0	18.05	18.04	18.16	20.00
15	QPSK	36	20	17.99	18.03	17.98	20.00
15	QPSK	36	39	17.91	18.12	17.96	20.00
15	QPSK	75	0	17.98	18.02	18.02	20.00



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15	16QAM	1	0	17.98	18.15	18.07	20.00
15	16QAM	1	37	17.90	17.97	17.95	20.00
15	16QAM	1	74	17.86	18.04	17.99	20.00
15	16QAM	36	0	17.97	18.04	17.92	20.00
15	16QAM	36	20	17.84	17.90	17.86	20.00
15	16QAM	36	39	18.13	18.15	18.10	20.00
15	16QAM	75	0	17.80	17.97	17.85	20.00
15	64QAM	1	0	17.97	18.12	18.02	20.00
15	64QAM	1	37	17.84	17.96	17.89	20.00
15	64QAM	1	74	17.85	17.99	18.01	20.00
15	64QAM	36	0	18.06	17.97	18.04	20.00
15	64QAM	36	20	17.95	17.95	17.93	20.00
15	64QAM	36	39	17.88	17.96	17.85	20.00
15	64QAM	75	0	18.04	18.10	18.00	20.00
15	256QAM	1	0	17.60	17.55	17.53	19.50
15	256QAM	1	37	17.38	17.54	17.45	19.50
15	256QAM	1	74	17.42	17.49	17.27	19.50
15	256QAM	36	0	17.56	17.62	17.57	19.50
15	256QAM	36	20	17.59	17.61	17.42	19.50
15	256QAM	36	39	17.51	17.50	17.51	19.50
15	256QAM	75	0	17.58	17.62	17.49	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.12	18.19	18.13	20.00
10	QPSK	1	25	17.80	17.98	17.88	20.00
10	QPSK	1	49	17.91	18.03	17.96	20.00
10	QPSK	25	0	18.07	18.07	18.14	20.00
10	QPSK	25	12	17.96	18.06	17.87	20.00
10	QPSK	25	25	17.92	18.07	17.96	20.00
10	QPSK	50	0	17.97	18.01	18.05	20.00
10	16QAM	1	0	17.97	18.09	18.06	20.00
10	16QAM	1	25	17.82	18.00	17.94	20.00
10	16QAM	1	49	17.90	17.98	17.98	20.00
10	16QAM	25	0	17.92	18.09	17.95	20.00
10	16QAM	25	12	17.80	17.92	17.86	20.00
10	16QAM	25	25	18.09	18.17	18.07	20.00
10	16QAM	50	0	17.81	18.05	17.83	20.00
10	64QAM	1	0	17.92	18.12	18.08	20.00
10	64QAM	1	25	17.82	18.00	17.86	20.00
10	64QAM	1	49	17.80	18.00	17.98	20.00
10	64QAM	25	0	17.94	17.97	17.94	20.00
10	64QAM	25	12	17.93	18.08	17.92	20.00
10	64QAM	25	25	18.00	17.97	17.96	20.00
10	64QAM	50	0	18.11	18.18	18.04	20.00
10	256QAM	1	0	17.53	17.55	17.42	19.50
10	256QAM	1	25	17.45	17.48	17.35	19.50
10	256QAM	1	49	17.37	17.43	17.27	19.50
10	256QAM	25	0	17.54	17.49	17.57	19.50
10	256QAM	25	12	17.65	17.59	17.35	19.50
10	256QAM	25	25	17.57	17.58	17.48	19.50
10	256QAM	50	0	17.49	17.67	17.49	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.12	18.20	18.21	20.00
5	QPSK	1	12	17.81	17.87	17.85	20.00
5	QPSK	1	24	18.02	18.05	18.06	20.00
5	QPSK	12	0	18.11	18.10	18.08	20.00
5	QPSK	12	7	17.97	18.04	17.89	20.00
5	QPSK	12	13	17.92	18.14	17.98	20.00
5	QPSK	25	0	18.04	18.05	18.04	20.00
5	16QAM	1	0	17.87	18.09	18.06	20.00
5	16QAM	1	12	17.81	18.10	17.96	20.00
5	16QAM	1	24	17.86	17.94	17.90	20.00
5	16QAM	12	0	17.93	18.09	17.92	20.00
5	16QAM	12	7	17.81	17.87	17.76	20.00
5	16QAM	12	13	18.10	18.22	18.08	20.00
5	16QAM	25	0	17.85	17.97	17.78	20.00
5	64QAM	1	0	17.99	18.17	18.10	20.00
5	64QAM	1	12	17.79	18.07	17.87	20.00
5	64QAM	1	24	17.91	17.98	17.97	20.00
5	64QAM	12	0	18.00	18.10	17.99	20.00
5	64QAM	12	7	17.89	18.08	17.92	20.00
5	64QAM	12	13	17.96	17.95	17.92	20.00
5	64QAM	25	0	18.03	18.15	18.06	20.00
5	256QAM	1	0	17.52	17.57	17.53	19.50
5	256QAM	1	12	17.43	17.50	17.39	19.50
5	256QAM	1	24	17.41	17.49	17.30	19.50
5	256QAM	12	0	17.52	17.63	17.49	19.50



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5	256QAM	12	7	17.61	17.66	17.39	19.50
5	256QAM	12	13	17.47	17.60	17.47	19.50
5	256QAM	25	0	17.53	17.61	17.56	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.16	18.13	18.12	20.00
3	QPSK	1	8	17.88	17.98	17.87	20.00
3	QPSK	1	14	17.93	18.12	17.94	20.00
3	QPSK	8	0	18.01	18.15	18.10	20.00
3	QPSK	8	4	17.97	18.15	17.89	20.00
3	QPSK	8	7	17.94	18.09	18.07	20.00
3	QPSK	15	0	18.06	17.97	18.00	20.00
3	16QAM	1	0	17.93	18.11	17.97	20.00
3	16QAM	1	8	17.92	18.00	17.93	20.00
3	16QAM	1	14	17.93	17.98	18.01	20.00
3	16QAM	8	0	17.89	18.13	18.03	20.00
3	16QAM	8	4	17.86	17.97	17.81	20.00
3	16QAM	8	7	18.18	18.09	18.11	20.00
3	16QAM	15	0	17.82	18.03	17.88	20.00
3	64QAM	1	0	17.95	18.06	18.07	20.00
3	64QAM	1	8	17.83	17.96	17.89	20.00
3	64QAM	1	14	17.79	18.00	17.95	20.00
3	64QAM	8	0	17.96	17.97	17.97	20.00
3	64QAM	8	4	17.92	18.02	17.90	20.00
3	64QAM	8	7	17.94	17.95	17.92	20.00
3	64QAM	15	0	18.07	18.13	18.04	20.00
3	256QAM	1	0	17.57	17.63	17.53	19.50
3	256QAM	1	8	17.42	17.46	17.38	19.50
3	256QAM	1	14	17.41	17.44	17.32	19.50
3	256QAM	8	0	17.49	17.53	17.56	19.50
3	256QAM	8	4	17.60	17.61	17.37	19.50
3	256QAM	8	7	17.48	17.57	17.45	19.50
3	256QAM	15	0	17.54	17.67	17.58	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.18	18.14	18.15	20.00
1.4	QPSK	1	3	17.89	17.90	17.77	20.00
1.4	QPSK	1	5	17.95	18.05	18.02	20.00
1.4	QPSK	3	0	18.03	18.18	18.05	20.00
1.4	QPSK	3	1	17.91	18.15	17.89	20.00
1.4	QPSK	3	3	17.87	18.02	18.01	20.00
1.4	QPSK	6	0	17.99	18.01	17.98	20.00
1.4	16QAM	1	0	17.93	18.02	18.08	20.00
1.4	16QAM	1	3	17.90	17.97	17.86	20.00
1.4	16QAM	1	5	17.92	17.96	17.96	20.00
1.4	16QAM	3	0	17.94	18.06	17.93	20.00
1.4	16QAM	3	1	17.74	17.85	17.77	20.00
1.4	16QAM	3	3	18.15	18.14	18.07	20.00
1.4	16QAM	6	0	17.88	18.04	17.90	20.00
1.4	64QAM	1	0	18.01	18.06	18.02	20.00
1.4	64QAM	1	3	17.83	18.00	17.91	20.00
1.4	64QAM	1	5	17.81	18.02	17.93	20.00
1.4	64QAM	3	0	18.07	18.05	18.02	20.00
1.4	64QAM	3	1	17.96	18.07	17.95	20.00
1.4	64QAM	3	3	17.95	17.95	17.96	20.00
1.4	64QAM	6	0	18.08	18.17	18.04	20.00
1.4	256QAM	1	0	17.47	17.59	17.49	19.50
1.4	256QAM	1	3	17.36	17.57	17.37	19.50
1.4	256QAM	1	5	17.35	17.50	17.27	19.50
1.4	256QAM	3	0	17.54	17.49	17.55	19.50
1.4	256QAM	3	1	17.53	17.59	17.47	19.50
1.4	256QAM	3	3	17.52	17.51	17.40	19.50
1.4	256QAM	6	0	17.49	17.69	17.52	19.50



【LTE Band 2_Ant 5_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.12	18.19	18.16	20.00
20	QPSK	1	49	17.94	18.10	18.04	20.00
20	QPSK	1	99	17.98	18.09	17.96	20.00
20	QPSK	50	0	18.11	18.14	18.13	20.00
20	QPSK	50	24	17.93	18.11	17.98	20.00
20	QPSK	50	50	17.98	18.10	18.04	20.00
20	QPSK	100	0	18.09	18.13	18.11	20.00
20	16QAM	1	0	17.96	18.06	18.01	20.00
20	16QAM	1	49	17.98	18.11	17.96	20.00
20	16QAM	1	99	17.88	17.99	17.81	20.00
20	16QAM	50	0	17.96	18.07	18.03	20.00
20	16QAM	50	24	17.92	18.11	18.06	20.00
20	16QAM	50	50	17.84	18.06	17.94	20.00
20	16QAM	100	0	17.95	18.10	17.93	20.00
20	64QAM	1	0	17.94	18.10	17.98	20.00
20	64QAM	1	49	17.93	18.01	17.91	20.00
20	64QAM	1	99	17.78	17.99	17.90	20.00
20	64QAM	50	0	17.96	18.08	17.96	20.00
20	64QAM	50	24	17.86	17.98	17.92	20.00
20	64QAM	50	50	17.89	17.98	17.89	20.00
20	64QAM	100	0	17.87	18.00	17.93	20.00
20	256QAM	1	0	17.55	17.65	17.50	19.50
20	256QAM	1	49	17.51	17.54	17.46	19.50
20	256QAM	1	99	17.50	17.58	17.38	19.50
20	256QAM	50	0	17.59	17.68	17.58	19.50
20	256QAM	50	24	17.62	17.66	17.50	19.50
20	256QAM	50	50	17.54	17.67	17.48	19.50
20	256QAM	100	0	17.63	17.69	17.56	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.07	18.08	18.10	20.00
15	QPSK	1	37	17.85	18.03	17.91	20.00
15	QPSK	1	74	17.87	18.02	17.91	20.00
15	QPSK	36	0	18.03	18.12	18.06	20.00
15	QPSK	36	20	17.80	18.05	17.88	20.00
15	QPSK	36	39	17.90	18.05	17.91	20.00
15	QPSK	75	0	18.00	18.11	18.04	20.00
15	16QAM	1	0	17.89	18.01	17.97	20.00
15	16QAM	1	37	17.84	17.98	17.83	20.00
15	16QAM	1	74	17.79	17.95	17.76	20.00
15	16QAM	36	0	17.93	17.98	18.00	20.00
15	16QAM	36	20	17.77	18.01	17.97	20.00
15	16QAM	36	39	17.76	18.03	17.91	20.00
15	16QAM	75	0	17.92	17.97	17.84	20.00
15	64QAM	1	0	17.89	17.96	17.88	20.00
15	64QAM	1	37	17.79	17.90	17.78	20.00
15	64QAM	1	74	17.71	17.84	17.85	20.00
15	64QAM	36	0	17.87	18.05	17.90	20.00
15	64QAM	36	20	17.78	17.85	17.87	20.00
15	64QAM	36	39	17.86	17.85	17.81	20.00
15	64QAM	75	0	17.86	17.91	17.83	20.00
15	256QAM	1	0	17.41	17.59	17.48	19.50
15	256QAM	1	37	17.46	17.49	17.44	19.50
15	256QAM	1	74	17.45	17.44	17.30	19.50
15	256QAM	36	0	17.57	17.62	17.47	19.50
15	256QAM	36	20	17.49	17.63	17.48	19.50
15	256QAM	36	39	17.52	17.53	17.35	19.50
15	256QAM	75	0	17.49	17.64	17.44	19.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.97	18.12	18.03	20.00
10	QPSK	1	25	17.84	18.05	17.97	20.00
10	QPSK	1	49	17.83	17.97	17.92	20.00
10	QPSK	25	0	17.99	18.02	18.12	20.00
10	QPSK	25	12	17.78	18.08	17.88	20.00
10	QPSK	25	25	17.92	17.99	18.03	20.00
10	QPSK	50	0	18.01	18.00	18.09	20.00
10	16QAM	1	0	17.84	18.02	17.92	20.00
10	16QAM	1	25	17.97	18.08	17.92	20.00
10	16QAM	1	49	17.78	17.96	17.66	20.00
10	16QAM	25	0	17.94	18.02	17.94	20.00



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10	16QAM	25	12	17.88	18.07	17.98	20.00
10	16QAM	25	25	17.76	17.92	17.87	20.00
10	16QAM	50	0	17.90	17.97	17.79	20.00
10	64QAM	1	0	17.89	18.04	17.87	20.00
10	64QAM	1	25	17.88	17.93	17.89	20.00
10	64QAM	1	49	17.64	17.91	17.87	20.00
10	64QAM	25	0	17.93	18.04	17.90	20.00
10	64QAM	25	12	17.78	17.96	17.87	20.00
10	64QAM	25	25	17.81	17.85	17.76	20.00
10	64QAM	50	0	17.82	17.90	17.82	20.00
10	256QAM	1	0	17.50	17.52	17.39	19.50
10	256QAM	1	25	17.50	17.49	17.41	19.50
10	256QAM	1	49	17.45	17.57	17.36	19.50
10	256QAM	25	0	17.48	17.58	17.48	19.50
10	256QAM	25	12	17.61	17.64	17.35	19.50
10	256QAM	25	25	17.46	17.63	17.45	19.50
10	256QAM	50	0	17.49	17.56	17.48	19.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.00	18.07	18.14	20.00
5	QPSK	1	12	17.81	18.00	18.01	20.00
5	QPSK	1	24	17.92	17.99	17.83	20.00
5	QPSK	12	0	18.10	18.04	18.08	20.00
5	QPSK	12	7	17.84	18.03	17.88	20.00
5	QPSK	12	13	17.97	18.07	17.89	20.00
5	QPSK	25	0	18.00	17.99	17.96	20.00
5	16QAM	1	0	17.82	17.96	17.93	20.00
5	16QAM	1	12	17.86	17.99	17.94	20.00
5	16QAM	1	24	17.83	17.85	17.72	20.00
5	16QAM	12	0	17.94	18.01	17.91	20.00
5	16QAM	12	7	17.85	18.00	17.97	20.00
5	16QAM	12	13	17.75	17.97	17.90	20.00
5	16QAM	25	0	17.80	18.03	17.83	20.00
5	64QAM	1	0	17.81	18.06	17.93	20.00
5	64QAM	1	12	17.91	17.91	17.78	20.00
5	64QAM	1	24	17.64	17.94	17.77	20.00
5	64QAM	12	0	17.95	17.96	17.89	20.00
5	64QAM	12	7	17.79	17.84	17.83	20.00
5	64QAM	12	13	17.82	17.97	17.74	20.00
5	64QAM	25	0	17.82	17.92	17.78	20.00
5	256QAM	1	0	17.52	17.56	17.46	19.50
5	256QAM	1	12	17.39	17.52	17.43	19.50
5	256QAM	1	24	17.41	17.53	17.31	19.50
5	256QAM	12	0	17.52	17.62	17.51	19.50
5	256QAM	12	7	17.51	17.57	17.41	19.50
5	256QAM	12	13	17.44	17.60	17.42	19.50
5	256QAM	25	0	17.50	17.56	17.51	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.02	18.08	18.11	20.00
3	QPSK	1	8	17.91	18.05	17.94	20.00
3	QPSK	1	14	17.94	17.95	17.84	20.00
3	QPSK	8	0	18.08	18.06	18.09	20.00
3	QPSK	8	4	17.80	17.97	17.95	20.00
3	QPSK	8	7	17.93	18.10	18.01	20.00
3	QPSK	15	0	18.01	18.08	18.02	20.00
3	16QAM	1	0	17.92	17.91	17.94	20.00
3	16QAM	1	8	17.94	17.98	17.89	20.00
3	16QAM	1	14	17.84	17.91	17.71	20.00
3	16QAM	8	0	17.86	17.99	17.93	20.00
3	16QAM	8	4	17.79	18.05	18.01	20.00
3	16QAM	8	7	17.76	17.93	17.80	20.00
3	16QAM	15	0	17.86	18.03	17.90	20.00
3	64QAM	1	0	17.84	17.99	17.94	20.00
3	64QAM	1	8	17.83	17.99	17.77	20.00
3	64QAM	1	14	17.68	17.94	17.87	20.00
3	64QAM	8	0	17.86	18.00	17.84	20.00
3	64QAM	8	4	17.80	17.86	17.90	20.00
3	64QAM	8	7	17.85	17.85	17.84	20.00
3	64QAM	15	0	17.81	17.95	17.78	20.00
3	256QAM	1	0	17.52	17.56	17.36	19.50
3	256QAM	1	8	17.47	17.44	17.42	19.50
3	256QAM	1	14	17.45	17.46	17.26	19.50
3	256QAM	8	0	17.54	17.56	17.52	19.50
3	256QAM	8	4	17.49	17.60	17.42	19.50
3	256QAM	8	7	17.48	17.57	17.40	19.50
3	256QAM	15	0	17.49	17.55	17.48	19.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.07	18.10	18.12	20.00
1.4	QPSK	1	3	17.89	17.99	17.95	20.00
1.4	QPSK	1	5	17.96	18.05	17.86	20.00
1.4	QPSK	3	0	18.02	17.99	18.09	20.00
1.4	QPSK	3	1	17.82	18.08	17.86	20.00
1.4	QPSK	3	3	17.94	18.06	17.98	20.00
1.4	QPSK	6	0	18.01	18.07	17.98	20.00
1.4	16QAM	1	0	17.86	18.01	17.99	20.00
1.4	16QAM	1	3	17.92	17.98	17.86	20.00
1.4	16QAM	1	5	17.83	17.96	17.70	20.00
1.4	16QAM	3	0	17.95	17.96	18.02	20.00
1.4	16QAM	3	1	17.87	18.06	18.01	20.00
1.4	16QAM	3	3	17.72	17.96	17.93	20.00
1.4	16QAM	6	0	17.86	18.02	17.80	20.00
1.4	64QAM	1	0	17.83	18.06	17.95	20.00
1.4	64QAM	1	3	17.81	17.96	17.85	20.00
1.4	64QAM	1	5	17.65	17.96	17.88	20.00
1.4	64QAM	3	0	17.83	18.02	17.86	20.00
1.4	64QAM	3	1	17.73	17.90	17.89	20.00
1.4	64QAM	3	3	17.78	17.95	17.79	20.00
1.4	64QAM	6	0	17.72	17.98	17.82	20.00
1.4	256QAM	1	0	17.47	17.56	17.38	19.50
1.4	256QAM	1	3	17.44	17.48	17.40	19.50
1.4	256QAM	1	5	17.40	17.46	17.34	19.50
1.4	256QAM	3	0	17.47	17.63	17.48	19.50
1.4	256QAM	3	1	17.56	17.65	17.45	19.50
1.4	256QAM	3	3	17.44	17.60	17.34	19.50
1.4	256QAM	6	0	17.52	17.55	17.49	19.50

【LTE Band 2_Ant 5_ECI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.44	16.56	16.48	18.00
20	QPSK	1	49	16.33	16.52	16.35	18.00
20	QPSK	1	99	16.20	16.41	16.33	18.00
20	QPSK	50	0	16.45	16.52	16.38	18.00
20	QPSK	50	24	16.36	16.40	16.32	18.00
20	QPSK	50	50	16.32	16.43	16.33	18.00
20	QPSK	100	0	16.29	16.45	16.35	18.00
20	16QAM	1	0	16.25	16.34	16.11	18.00
20	16QAM	1	49	16.29	16.45	16.18	18.00
20	16QAM	1	99	16.19	16.31	16.19	18.00
20	16QAM	50	0	16.29	16.43	16.24	18.00
20	16QAM	50	24	16.31	16.37	16.14	18.00
20	16QAM	50	50	16.23	16.37	16.17	18.00
20	16QAM	100	0	16.38	16.43	16.20	18.00
20	64QAM	1	0	16.25	16.32	16.31	18.00
20	64QAM	1	49	16.40	16.49	16.19	18.00
20	64QAM	1	99	16.18	16.39	16.22	18.00
20	64QAM	50	0	16.11	16.33	16.13	18.00
20	64QAM	50	24	16.18	16.29	16.24	18.00
20	64QAM	50	50	16.17	16.33	16.27	18.00
20	64QAM	100	0	16.11	16.28	16.12	18.00
20	256QAM	1	0	16.29	16.41	16.22	18.00
20	256QAM	1	49	16.23	16.36	16.19	18.00
20	256QAM	1	99	16.12	16.29	16.11	18.00
20	256QAM	50	0	15.99	16.27	16.16	18.00
20	256QAM	50	24	16.21	16.34	16.24	18.00
20	256QAM	50	50	16.37	16.38	16.21	18.00
20	256QAM	100	0	16.23	16.32	16.15	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.33	16.49	16.38	18.00
15	QPSK	1	37	16.25	16.39	16.25	18.00
15	QPSK	1	74	16.06	16.26	16.31	18.00
15	QPSK	36	0	16.37	16.49	16.24	18.00
15	QPSK	36	20	16.29	16.37	16.17	18.00
15	QPSK	36	39	16.21	16.34	16.23	18.00
15	QPSK	75	0	16.16	16.32	16.29	18.00



15	16QAM	1	0	16.13	16.29	16.09	18.00
15	16QAM	1	37	16.16	16.40	16.04	18.00
15	16QAM	1	74	16.10	16.26	16.05	18.00
15	16QAM	36	0	16.20	16.29	16.18	18.00
15	16QAM	36	20	16.19	16.28	16.09	18.00
15	16QAM	36	39	16.20	16.28	16.06	18.00
15	16QAM	75	0	16.32	16.37	16.16	18.00
15	64QAM	1	0	16.19	16.24	16.17	18.00
15	64QAM	1	37	16.26	16.43	16.16	18.00
15	64QAM	1	74	16.05	16.27	16.15	18.00
15	64QAM	36	0	16.04	16.21	16.07	18.00
15	64QAM	36	20	16.04	16.26	16.21	18.00
15	64QAM	36	39	16.15	16.22	16.24	18.00
15	64QAM	75	0	16.03	16.16	16.06	18.00
15	256QAM	1	0	16.18	16.33	16.19	18.00
15	256QAM	1	37	16.19	16.29	16.14	18.00
15	256QAM	1	74	16.11	16.24	15.99	18.00
15	256QAM	36	0	15.96	16.14	16.14	18.00
15	256QAM	36	20	16.13	16.19	16.11	18.00
15	256QAM	36	39	16.26	16.25	16.18	18.00
15	256QAM	75	0	16.16	16.23	16.11	18.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.40	16.50	16.46	18.00
10	QPSK	1	25	16.25	16.45	16.29	18.00
10	QPSK	1	49	16.08	16.39	16.18	18.00
10	QPSK	25	0	16.40	16.42	16.23	18.00
10	QPSK	25	12	16.33	16.32	16.19	18.00
10	QPSK	25	25	16.29	16.28	16.18	18.00
10	QPSK	50	0	16.24	16.42	16.23	18.00
10	16QAM	1	0	16.12	16.24	15.96	18.00
10	16QAM	1	25	16.26	16.33	16.07	18.00
10	16QAM	1	49	16.04	16.16	16.05	18.00
10	16QAM	25	0	16.19	16.34	16.10	18.00
10	16QAM	25	12	16.29	16.22	16.07	18.00
10	16QAM	25	25	16.21	16.33	16.14	18.00
10	16QAM	50	0	16.29	16.39	16.13	18.00
10	64QAM	1	0	16.21	16.30	16.19	18.00
10	64QAM	1	25	16.33	16.35	16.06	18.00
10	64QAM	1	49	16.09	16.30	16.09	18.00
10	64QAM	25	0	16.04	16.21	16.03	18.00
10	64QAM	25	12	16.17	16.26	16.17	18.00
10	64QAM	25	25	16.15	16.20	16.15	18.00
10	64QAM	50	0	16.03	16.24	15.97	18.00
10	256QAM	1	0	16.19	16.35	16.18	18.00
10	256QAM	1	25	16.15	16.25	16.11	18.00
10	256QAM	1	49	16.02	16.19	16.00	18.00
10	256QAM	25	0	15.87	16.21	16.12	18.00
10	256QAM	25	12	16.11	16.28	16.12	18.00
10	256QAM	25	25	16.29	16.30	16.17	18.00
10	256QAM	50	0	16.10	16.28	16.04	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.43	16.47	16.39	18.00
5	QPSK	1	12	16.30	16.38	16.30	18.00
5	QPSK	1	24	16.09	16.40	16.23	18.00
5	QPSK	12	0	16.43	16.39	16.36	18.00
5	QPSK	12	7	16.23	16.38	16.26	18.00
5	QPSK	12	13	16.23	16.42	16.20	18.00
5	QPSK	25	0	16.15	16.38	16.25	18.00
5	16QAM	1	0	16.20	16.19	15.98	18.00
5	16QAM	1	12	16.26	16.31	16.16	18.00
5	16QAM	1	24	16.12	16.29	16.13	18.00
5	16QAM	12	0	16.15	16.31	16.11	18.00
5	16QAM	12	7	16.24	16.33	16.05	18.00
5	16QAM	12	13	16.21	16.28	16.13	18.00
5	16QAM	25	0	16.30	16.38	16.18	18.00
5	64QAM	1	0	16.18	16.18	16.27	18.00
5	64QAM	1	12	16.28	16.43	16.14	18.00
5	64QAM	1	24	16.10	16.26	16.13	18.00
5	64QAM	12	0	15.97	16.31	16.07	18.00
5	64QAM	12	7	16.03	16.14	16.20	18.00
5	64QAM	12	13	16.05	16.25	16.16	18.00
5	64QAM	25	0	16.04	16.19	15.98	18.00
5	256QAM	1	0	16.21	16.32	16.12	18.00
5	256QAM	1	12	16.10	16.30	16.08	18.00
5	256QAM	1	24	16.02	16.23	16.09	18.00
5	256QAM	12	0	15.92	16.19	16.13	18.00



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5	256QAM	12	7	16.17	16.29	16.14	18.00
5	256QAM	12	13	16.30	16.35	16.12	18.00
5	256QAM	25	0	16.16	16.20	16.04	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.35	16.54	16.37	18.00
3	QPSK	1	8	16.18	16.45	16.22	18.00
3	QPSK	1	14	16.10	16.29	16.19	18.00
3	QPSK	8	0	16.34	16.51	16.35	18.00
3	QPSK	8	4	16.22	16.33	16.28	18.00
3	QPSK	8	7	16.24	16.39	16.30	18.00
3	QPSK	15	0	16.17	16.42	16.26	18.00
3	16QAM	1	0	16.18	16.21	16.03	18.00
3	16QAM	1	8	16.15	16.38	16.15	18.00
3	16QAM	1	14	16.14	16.16	16.16	18.00
3	16QAM	8	0	16.27	16.40	16.17	18.00
3	16QAM	8	4	16.25	16.34	16.10	18.00
3	16QAM	8	7	16.19	16.29	16.08	18.00
3	16QAM	15	0	16.25	16.33	16.17	18.00
3	64QAM	1	0	16.10	16.19	16.29	18.00
3	64QAM	1	8	16.38	16.44	16.15	18.00
3	64QAM	1	14	16.09	16.25	16.16	18.00
3	64QAM	8	0	15.98	16.32	16.04	18.00
3	64QAM	8	4	16.05	16.22	16.19	18.00
3	64QAM	8	7	16.13	16.29	16.20	18.00
3	64QAM	15	0	15.99	16.17	16.01	18.00
3	256QAM	1	0	16.25	16.37	16.14	18.00
3	256QAM	1	8	16.18	16.34	16.16	18.00
3	256QAM	1	14	16.05	16.16	16.07	18.00
3	256QAM	8	0	15.91	16.17	16.01	18.00
3	256QAM	8	4	16.10	16.30	16.22	18.00
3	256QAM	8	7	16.23	16.33	16.14	18.00
3	256QAM	15	0	16.13	16.25	16.07	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.34	16.42	16.46	18.00
1.4	QPSK	1	3	16.31	16.45	16.30	18.00
1.4	QPSK	1	5	16.10	16.32	16.24	18.00
1.4	QPSK	3	0	16.40	16.40	16.25	18.00
1.4	QPSK	3	1	16.34	16.26	16.22	18.00
1.4	QPSK	3	3	16.29	16.41	16.30	18.00
1.4	QPSK	6	0	16.26	16.33	16.23	18.00
1.4	16QAM	1	0	16.20	16.28	16.06	18.00
1.4	16QAM	1	3	16.14	16.35	16.10	18.00
1.4	16QAM	1	5	16.11	16.16	16.16	18.00
1.4	16QAM	3	0	16.20	16.32	16.20	18.00
1.4	16QAM	3	1	16.20	16.35	16.08	18.00
1.4	16QAM	3	3	16.11	16.27	16.06	18.00
1.4	16QAM	6	0	16.27	16.30	16.05	18.00
1.4	64QAM	1	0	16.12	16.27	16.26	18.00
1.4	64QAM	1	3	16.37	16.40	16.09	18.00
1.4	64QAM	1	5	16.08	16.33	16.09	18.00
1.4	64QAM	3	0	16.05	16.24	16.06	18.00
1.4	64QAM	3	1	16.14	16.14	16.23	18.00
1.4	64QAM	3	3	16.06	16.26	16.22	18.00
1.4	64QAM	6	0	16.05	16.24	15.97	18.00
1.4	256QAM	1	0	16.23	16.35	16.19	18.00
1.4	256QAM	1	3	16.20	16.25	16.04	18.00
1.4	256QAM	1	5	16.06	16.19	16.00	18.00
1.4	256QAM	3	0	15.96	16.16	16.05	18.00
1.4	256QAM	3	1	16.17	16.31	16.19	18.00
1.4	256QAM	3	3	16.30	16.36	16.10	18.00
1.4	256QAM	6	0	16.17	16.22	16.01	18.00



【LTE Band 2_Ant 5_ECI5-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.73	16.77	16.71	18.50
20	QPSK	1	49	16.51	16.57	16.48	18.50
20	QPSK	1	99	16.56	16.64	16.45	18.50
20	QPSK	50	0	16.63	16.65	16.60	18.50
20	QPSK	50	24	16.53	16.61	16.50	18.50
20	QPSK	50	50	16.56	16.64	16.47	18.50
20	QPSK	100	0	16.47	16.54	16.36	18.50
20	16QAM	1	0	16.46	16.60	16.49	18.50
20	16QAM	1	49	16.50	16.66	16.49	18.50
20	16QAM	1	99	16.46	16.52	16.43	18.50
20	16QAM	50	0	16.59	16.66	16.49	18.50
20	16QAM	50	24	16.48	16.57	16.49	18.50
20	16QAM	50	50	16.55	16.67	16.53	18.50
20	16QAM	100	0	16.56	16.63	16.46	18.50
20	64QAM	1	0	16.48	16.64	16.52	18.50
20	64QAM	1	49	16.56	16.64	16.43	18.50
20	64QAM	1	99	16.41	16.59	16.41	18.50
20	64QAM	50	0	16.55	16.63	16.52	18.50
20	64QAM	50	24	16.48	16.65	16.45	18.50
20	64QAM	50	50	16.54	16.64	16.51	18.50
20	64QAM	100	0	16.57	16.66	16.45	18.50
20	256QAM	1	0	16.54	16.61	16.49	18.50
20	256QAM	1	49	16.58	16.67	16.47	18.50
20	256QAM	1	99	16.54	16.63	16.53	18.50
20	256QAM	50	0	16.72	16.77	16.66	18.50
20	256QAM	50	24	16.43	16.57	16.36	18.50
20	256QAM	50	50	16.52	16.64	16.48	18.50
20	256QAM	100	0	16.48	16.65	16.56	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.62	16.67	16.58	18.50
15	QPSK	1	37	16.45	16.44	16.44	18.50
15	QPSK	1	74	16.41	16.50	16.37	18.50
15	QPSK	36	0	16.49	16.58	16.57	18.50
15	QPSK	36	20	16.52	16.60	16.48	18.50
15	QPSK	36	39	16.52	16.61	16.40	18.50
15	QPSK	75	0	16.33	16.50	16.33	18.50
15	16QAM	1	0	16.34	16.50	16.36	18.50
15	16QAM	1	37	16.45	16.58	16.45	18.50
15	16QAM	1	74	16.31	16.42	16.32	18.50
15	16QAM	36	0	16.48	16.58	16.47	18.50
15	16QAM	36	20	16.34	16.52	16.40	18.50
15	16QAM	36	39	16.49	16.64	16.49	18.50
15	16QAM	75	0	16.41	16.55	16.42	18.50
15	64QAM	1	0	16.38	16.56	16.44	18.50
15	64QAM	1	37	16.50	16.57	16.39	18.50
15	64QAM	1	74	16.37	16.57	16.35	18.50
15	64QAM	36	0	16.49	16.55	16.51	18.50
15	64QAM	36	20	16.35	16.62	16.41	18.50
15	64QAM	36	39	16.47	16.63	16.39	18.50
15	64QAM	75	0	16.52	16.51	16.38	18.50
15	256QAM	1	0	16.50	16.55	16.43	18.50
15	256QAM	1	37	16.44	16.64	16.38	18.50
15	256QAM	1	74	16.47	16.51	16.47	18.50
15	256QAM	36	0	16.64	16.62	16.61	18.50
15	256QAM	36	20	16.35	16.54	16.30	18.50
15	256QAM	36	39	16.49	16.63	16.38	18.50
15	256QAM	75	0	16.40	16.61	16.46	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.69	16.74	16.64	18.50
10	QPSK	1	25	16.47	16.54	16.38	18.50
10	QPSK	1	49	16.47	16.52	16.38	18.50
10	QPSK	25	0	16.60	16.57	16.47	18.50
10	QPSK	25	12	16.42	16.57	16.47	18.50
10	QPSK	25	25	16.54	16.57	16.36	18.50
10	QPSK	50	0	16.43	16.42	16.23	18.50
10	16QAM	1	0	16.31	16.46	16.34	18.50
10	16QAM	1	25	16.42	16.64	16.40	18.50
10	16QAM	1	49	16.36	16.49	16.37	18.50
10	16QAM	25	0	16.57	16.59	16.41	18.50



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10	16QAM	25	12	16.35	16.50	16.37	18.50
10	16QAM	25	25	16.50	16.58	16.38	18.50
10	16QAM	50	0	16.48	16.58	16.32	18.50
10	64QAM	1	0	16.39	16.58	16.44	18.50
10	64QAM	1	25	16.44	16.58	16.33	18.50
10	64QAM	1	49	16.34	16.49	16.38	18.50
10	64QAM	25	0	16.47	16.50	16.40	18.50
10	64QAM	25	12	16.38	16.63	16.31	18.50
10	64QAM	25	25	16.48	16.55	16.42	18.50
10	64QAM	50	0	16.52	16.57	16.43	18.50
10	256QAM	1	0	16.49	16.49	16.45	18.50
10	256QAM	1	25	16.55	16.57	16.44	18.50
10	256QAM	1	49	16.50	16.58	16.38	18.50
10	256QAM	25	0	16.61	16.62	16.56	18.50
10	256QAM	25	12	16.36	16.47	16.24	18.50
10	256QAM	25	25	16.40	16.59	16.39	18.50
10	256QAM	50	0	16.37	16.54	16.55	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.62	16.73	16.60	18.50
5	QPSK	1	12	16.49	16.45	16.42	18.50
5	QPSK	1	24	16.54	16.61	16.32	18.50
5	QPSK	12	0	16.57	16.62	16.56	18.50
5	QPSK	12	7	16.43	16.48	16.46	18.50
5	QPSK	12	13	16.44	16.58	16.33	18.50
5	QPSK	25	0	16.34	16.51	16.27	18.50
5	16QAM	1	0	16.40	16.54	16.48	18.50
5	16QAM	1	12	16.41	16.52	16.44	18.50
5	16QAM	1	24	16.42	16.41	16.41	18.50
5	16QAM	12	0	16.56	16.63	16.37	18.50
5	16QAM	12	7	16.36	16.56	16.39	18.50
5	16QAM	12	13	16.52	16.57	16.50	18.50
5	16QAM	25	0	16.45	16.53	16.41	18.50
5	64QAM	1	0	16.33	16.63	16.45	18.50
5	64QAM	1	12	16.42	16.51	16.38	18.50
5	64QAM	1	24	16.35	16.56	16.30	18.50
5	64QAM	12	0	16.50	16.60	16.49	18.50
5	64QAM	12	7	16.38	16.62	16.42	18.50
5	64QAM	12	13	16.47	16.57	16.37	18.50
5	64QAM	25	0	16.47	16.62	16.34	18.50
5	256QAM	1	0	16.42	16.57	16.36	18.50
5	256QAM	1	12	16.43	16.64	16.39	18.50
5	256QAM	1	24	16.39	16.49	16.46	18.50
5	256QAM	12	0	16.68	16.68	16.56	18.50
5	256QAM	12	7	16.42	16.47	16.31	18.50
5	256QAM	12	13	16.45	16.54	16.46	18.50
5	256QAM	25	0	16.43	16.58	16.47	18.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.59	16.71	16.65	18.50
3	QPSK	1	8	16.46	16.46	16.37	18.50
3	QPSK	1	14	16.41	16.63	16.43	18.50
3	QPSK	8	0	16.58	16.55	16.48	18.50
3	QPSK	8	4	16.45	16.58	16.37	18.50
3	QPSK	8	7	16.44	16.62	16.45	18.50
3	QPSK	15	0	16.43	16.48	16.25	18.50
3	16QAM	1	0	16.44	16.50	16.37	18.50
3	16QAM	1	8	16.40	16.51	16.47	18.50
3	16QAM	1	14	16.40	16.48	16.30	18.50
3	16QAM	8	0	16.55	16.62	16.36	18.50
3	16QAM	8	4	16.45	16.49	16.45	18.50
3	16QAM	8	7	16.43	16.65	16.39	18.50
3	16QAM	15	0	16.55	16.48	16.39	18.50
3	64QAM	1	0	16.38	16.51	16.48	18.50
3	64QAM	1	8	16.50	16.61	16.33	18.50
3	64QAM	1	14	16.37	16.47	16.36	18.50
3	64QAM	8	0	16.50	16.54	16.47	18.50
3	64QAM	8	4	16.36	16.55	16.40	18.50
3	64QAM	8	7	16.42	16.50	16.42	18.50
3	64QAM	15	0	16.43	16.51	16.34	18.50
3	256QAM	1	0	16.43	16.50	16.35	18.50
3	256QAM	1	8	16.45	16.55	16.45	18.50
3	256QAM	1	14	16.52	16.56	16.41	18.50
3	256QAM	8	0	16.64	16.71	16.52	18.50
3	256QAM	8	4	16.33	16.53	16.34	18.50
3	256QAM	8	7	16.37	16.55	16.46	18.50
3	256QAM	15	0	16.37	16.57	16.53	18.50
Channel				18607	18900	19193	Tune-up limit



Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.64	16.63	16.67	18.50
1.4	QPSK	1	3	16.44	16.47	16.43	18.50
1.4	QPSK	1	5	16.55	16.53	16.33	18.50
1.4	QPSK	3	0	16.61	16.63	16.57	18.50
1.4	QPSK	3	1	16.42	16.60	16.35	18.50
1.4	QPSK	3	3	16.48	16.53	16.39	18.50
1.4	QPSK	6	0	16.40	16.48	16.29	18.50
1.4	16QAM	1	0	16.40	16.55	16.47	18.50
1.4	16QAM	1	3	16.40	16.57	16.43	18.50
1.4	16QAM	1	5	16.31	16.39	16.38	18.50
1.4	16QAM	3	0	16.52	16.59	16.42	18.50
1.4	16QAM	3	1	16.40	16.48	16.43	18.50
1.4	16QAM	3	3	16.40	16.53	16.45	18.50
1.4	16QAM	6	0	16.45	16.61	16.40	18.50
1.4	64QAM	1	0	16.47	16.51	16.46	18.50
1.4	64QAM	1	3	16.43	16.57	16.32	18.50
1.4	64QAM	1	5	16.30	16.49	16.28	18.50
1.4	64QAM	3	0	16.45	16.61	16.43	18.50
1.4	64QAM	3	1	16.45	16.56	16.43	18.50
1.4	64QAM	3	3	16.46	16.54	16.39	18.50
1.4	64QAM	6	0	16.49	16.55	16.43	18.50
1.4	256QAM	1	0	16.51	16.57	16.40	18.50
1.4	256QAM	1	3	16.44	16.56	16.38	18.50
1.4	256QAM	1	5	16.53	16.57	16.42	18.50
1.4	256QAM	3	0	16.61	16.67	16.58	18.50
1.4	256QAM	3	1	16.41	16.47	16.33	18.50
1.4	256QAM	3	3	16.40	16.56	16.45	18.50
1.4	256QAM	6	0	16.40	16.62	16.46	18.50

【LTE Band 2_Ant 5_ECI5-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.62	16.69	16.66	18.50
20	QPSK	1	49	16.51	16.64	16.51	18.50
20	QPSK	1	99	16.52	16.61	16.56	18.50
20	QPSK	50	0	16.63	16.65	16.61	18.50
20	QPSK	50	24	16.41	16.57	16.45	18.50
20	QPSK	50	50	16.51	16.63	16.55	18.50
20	QPSK	100	0	16.51	16.62	16.55	18.50
20	16QAM	1	0	16.38	16.56	16.42	18.50
20	16QAM	1	49	16.50	16.67	16.56	18.50
20	16QAM	1	99	16.44	16.54	16.40	18.50
20	16QAM	50	0	16.55	16.68	16.62	18.50
20	16QAM	50	24	16.42	16.62	16.49	18.50
20	16QAM	50	50	16.44	16.58	16.52	18.50
20	16QAM	100	0	16.48	16.63	16.47	18.50
20	64QAM	1	0	16.43	16.56	16.52	18.50
20	64QAM	1	49	16.34	16.56	16.39	18.50
20	64QAM	1	99	16.35	16.56	16.47	18.50
20	64QAM	50	0	16.45	16.67	16.51	18.50
20	64QAM	50	24	16.49	16.68	16.64	18.50
20	64QAM	50	50	16.50	16.62	16.53	18.50
20	64QAM	100	0	16.52	16.63	16.49	18.50
20	256QAM	1	0	16.53	16.65	16.58	18.50
20	256QAM	1	49	16.45	16.64	16.48	18.50
20	256QAM	1	99	16.47	16.63	16.52	18.50
20	256QAM	50	0	16.50	16.64	16.48	18.50
20	256QAM	50	24	16.53	16.61	16.48	18.50
20	256QAM	50	50	16.46	16.65	16.52	18.50
20	256QAM	100	0	16.38	16.57	16.41	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.49	16.56	16.61	18.50
15	QPSK	1	37	16.48	16.50	16.43	18.50
15	QPSK	1	74	16.45	16.52	16.54	18.50
15	QPSK	36	0	16.61	16.55	16.49	18.50
15	QPSK	36	20	16.31	16.50	16.33	18.50
15	QPSK	36	39	16.43	16.51	16.52	18.50
15	QPSK	75	0	16.44	16.48	16.43	18.50



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15	16QAM	1	0	16.35	16.54	16.28	18.50
15	16QAM	1	37	16.36	16.61	16.53	18.50
15	16QAM	1	74	16.33	16.41	16.29	18.50
15	16QAM	36	0	16.47	16.58	16.59	18.50
15	16QAM	36	20	16.31	16.59	16.37	18.50
15	16QAM	36	39	16.39	16.43	16.43	18.50
15	16QAM	75	0	16.38	16.53	16.37	18.50
15	64QAM	1	0	16.35	16.41	16.44	18.50
15	64QAM	1	37	16.20	16.54	16.32	18.50
15	64QAM	1	74	16.21	16.50	16.37	18.50
15	64QAM	36	0	16.30	16.59	16.46	18.50
15	64QAM	36	20	16.36	16.64	16.57	18.50
15	64QAM	36	39	16.48	16.53	16.45	18.50
15	64QAM	75	0	16.39	16.58	16.40	18.50
15	256QAM	1	0	16.39	16.61	16.51	18.50
15	256QAM	1	37	16.39	16.49	16.36	18.50
15	256QAM	1	74	16.45	16.59	16.38	18.50
15	256QAM	36	0	16.39	16.62	16.37	18.50
15	256QAM	36	20	16.48	16.56	16.42	18.50
15	256QAM	36	39	16.32	16.54	16.43	18.50
15	256QAM	75	0	16.25	16.50	16.40	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.52	16.59	16.61	18.50
10	QPSK	1	25	16.36	16.58	16.39	18.50
10	QPSK	1	49	16.37	16.55	16.52	18.50
10	QPSK	25	0	16.53	16.52	16.57	18.50
10	QPSK	25	12	16.35	16.54	16.40	18.50
10	QPSK	25	25	16.37	16.59	16.51	18.50
10	QPSK	50	0	16.44	16.47	16.52	18.50
10	16QAM	1	0	16.24	16.49	16.29	18.50
10	16QAM	1	25	16.36	16.61	16.44	18.50
10	16QAM	1	49	16.34	16.47	16.28	18.50
10	16QAM	25	0	16.46	16.59	16.56	18.50
10	16QAM	25	12	16.40	16.52	16.38	18.50
10	16QAM	25	25	16.42	16.44	16.43	18.50
10	16QAM	50	0	16.39	16.58	16.39	18.50
10	64QAM	1	0	16.32	16.54	16.50	18.50
10	64QAM	1	25	16.24	16.50	16.27	18.50
10	64QAM	1	49	16.27	16.41	16.34	18.50
10	64QAM	25	0	16.31	16.62	16.50	18.50
10	64QAM	25	12	16.45	16.58	16.59	18.50
10	64QAM	25	25	16.43	16.52	16.48	18.50
10	64QAM	50	0	16.44	16.53	16.42	18.50
10	256QAM	1	0	16.39	16.61	16.53	18.50
10	256QAM	1	25	16.41	16.59	16.34	18.50
10	256QAM	1	49	16.38	16.59	16.49	18.50
10	256QAM	25	0	16.37	16.50	16.38	18.50
10	256QAM	25	12	16.39	16.51	16.38	18.50
10	256QAM	25	25	16.37	16.63	16.44	18.50
10	256QAM	50	0	16.29	16.46	16.38	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.57	16.59	16.53	18.50
5	QPSK	1	12	16.43	16.55	16.47	18.50
5	QPSK	1	24	16.40	16.46	16.43	18.50
5	QPSK	12	0	16.62	16.60	16.54	18.50
5	QPSK	12	7	16.37	16.50	16.35	18.50
5	QPSK	12	13	16.46	16.57	16.53	18.50
5	QPSK	25	0	16.39	16.55	16.51	18.50
5	16QAM	1	0	16.30	16.48	16.34	18.50
5	16QAM	1	12	16.41	16.64	16.46	18.50
5	16QAM	1	24	16.38	16.51	16.27	18.50
5	16QAM	12	0	16.54	16.54	16.60	18.50
5	16QAM	12	7	16.29	16.60	16.45	18.50
5	16QAM	12	13	16.39	16.47	16.38	18.50
5	16QAM	25	0	16.43	16.55	16.41	18.50
5	64QAM	1	0	16.31	16.44	16.41	18.50
5	64QAM	1	12	16.26	16.53	16.32	18.50
5	64QAM	1	24	16.22	16.41	16.33	18.50
5	64QAM	12	0	16.41	16.63	16.46	18.50
5	64QAM	12	7	16.40	16.58	16.56	18.50
5	64QAM	12	13	16.45	16.56	16.38	18.50
5	64QAM	25	0	16.48	16.50	16.47	18.50
5	256QAM	1	0	16.44	16.64	16.54	18.50
5	256QAM	1	12	16.32	16.62	16.34	18.50
5	256QAM	1	24	16.36	16.59	16.44	18.50
5	256QAM	12	0	16.39	16.59	16.46	18.50



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5	256QAM	12	7	16.40	16.56	16.39	18.50
5	256QAM	12	13	16.35	16.56	16.38	18.50
5	256QAM	25	0	16.34	16.52	16.35	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.50	16.62	16.51	18.50
3	QPSK	1	8	16.38	16.55	16.43	18.50
3	QPSK	1	14	16.40	16.56	16.50	18.50
3	QPSK	8	0	16.53	16.54	16.49	18.50
3	QPSK	8	4	16.32	16.51	16.30	18.50
3	QPSK	8	7	16.40	16.58	16.53	18.50
3	QPSK	15	0	16.49	16.59	16.42	18.50
3	16QAM	1	0	16.33	16.42	16.36	18.50
3	16QAM	1	8	16.45	16.64	16.51	18.50
3	16QAM	1	14	16.36	16.53	16.32	18.50
3	16QAM	8	0	16.51	16.56	16.57	18.50
3	16QAM	8	4	16.31	16.60	16.38	18.50
3	16QAM	8	7	16.31	16.56	16.46	18.50
3	16QAM	15	0	16.36	16.53	16.37	18.50
3	64QAM	1	0	16.35	16.48	16.40	18.50
3	64QAM	1	8	16.32	16.41	16.35	18.50
3	64QAM	1	14	16.20	16.42	16.39	18.50
3	64QAM	8	0	16.42	16.58	16.47	18.50
3	64QAM	8	4	16.47	16.54	16.62	18.50
3	64QAM	8	7	16.36	16.60	16.38	18.50
3	64QAM	15	0	16.42	16.59	16.45	18.50
3	256QAM	1	0	16.47	16.63	16.57	18.50
3	256QAM	1	8	16.33	16.57	16.44	18.50
3	256QAM	1	14	16.36	16.58	16.44	18.50
3	256QAM	8	0	16.37	16.52	16.45	18.50
3	256QAM	8	4	16.45	16.50	16.41	18.50
3	256QAM	8	7	16.33	16.50	16.51	18.50
3	256QAM	15	0	16.29	16.55	16.36	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.55	16.67	16.54	18.50
1.4	QPSK	1	3	16.48	16.63	16.47	18.50
1.4	QPSK	1	5	16.37	16.46	16.51	18.50
1.4	QPSK	3	0	16.57	16.54	16.54	18.50
1.4	QPSK	3	1	16.35	16.51	16.36	18.50
1.4	QPSK	3	3	16.50	16.56	16.44	18.50
1.4	QPSK	6	0	16.37	16.54	16.52	18.50
1.4	16QAM	1	0	16.26	16.44	16.37	18.50
1.4	16QAM	1	3	16.42	16.56	16.47	18.50
1.4	16QAM	1	5	16.36	16.52	16.27	18.50
1.4	16QAM	3	0	16.54	16.55	16.56	18.50
1.4	16QAM	3	1	16.28	16.51	16.48	18.50
1.4	16QAM	3	3	16.39	16.47	16.39	18.50
1.4	16QAM	6	0	16.42	16.62	16.39	18.50
1.4	64QAM	1	0	16.39	16.54	16.43	18.50
1.4	64QAM	1	3	16.21	16.48	16.30	18.50
1.4	64QAM	1	5	16.32	16.50	16.34	18.50
1.4	64QAM	3	0	16.44	16.61	16.38	18.50
1.4	64QAM	3	1	16.41	16.55	16.53	18.50
1.4	64QAM	3	3	16.36	16.49	16.39	18.50
1.4	64QAM	6	0	16.47	16.54	16.48	18.50
1.4	256QAM	1	0	16.51	16.54	16.52	18.50
1.4	256QAM	1	3	16.40	16.61	16.46	18.50
1.4	256QAM	1	5	16.37	16.58	16.45	18.50
1.4	256QAM	3	0	16.48	16.58	16.35	18.50
1.4	256QAM	3	1	16.43	16.52	16.39	18.50
1.4	256QAM	3	3	16.33	16.60	16.49	18.50
1.4	256QAM	6	0	16.33	16.55	16.27	18.50

【LTE Band 4_Ant 2_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	25.11	25.17	25.08	25.70
20	QPSK	1	49	24.94	25.12	24.98	25.70
20	QPSK	1	99	25.05	25.16	24.99	25.70
20	QPSK	50	0	24.13	24.24	24.10	24.70
20	QPSK	50	24	24.11	24.21	24.08	24.70
20	QPSK	50	50	24.12	24.20	24.06	24.70
20	QPSK	100	0	24.06	24.21	24.00	24.70
20	16QAM	1	0	24.18	24.39	24.23	24.70
20	16QAM	1	49	24.26	24.34	24.19	24.70
20	16QAM	1	99	24.31	24.43	24.28	24.70
20	16QAM	50	0	23.06	23.19	23.02	23.70
20	16QAM	50	24	22.97	23.16	22.93	23.70
20	16QAM	50	50	23.08	23.20	23.01	23.70
20	16QAM	100	0	23.02	23.17	22.95	23.70
20	64QAM	1	0	23.18	23.32	23.19	23.70
20	64QAM	1	49	23.14	23.24	23.09	23.70
20	64QAM	1	99	23.12	23.31	23.14	23.70
20	64QAM	50	0	22.01	22.18	22.02	22.70
20	64QAM	50	24	22.07	22.18	22.08	22.70
20	64QAM	50	50	21.99	22.19	22.06	22.70
20	64QAM	100	0	22.06	22.18	22.01	22.70
20	256QAM	1	0	20.06	20.25	20.12	20.70
20	256QAM	1	49	20.14	20.24	20.11	20.70
20	256QAM	1	99	20.15	20.33	20.13	20.70
20	256QAM	50	0	20.07	20.16	20.05	20.70
20	256QAM	50	24	20.06	20.15	19.96	20.70
20	256QAM	50	50	19.98	20.17	20.02	20.70
20	256QAM	100	0	20.07	20.18	20.02	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.06	25.08	24.96	25.70
15	QPSK	1	37	24.85	25.01	24.86	25.70
15	QPSK	1	74	24.93	25.09	24.87	25.70
15	QPSK	36	0	24.02	24.21	23.93	24.70
15	QPSK	36	20	24.05	24.19	24.03	24.70
15	QPSK	36	39	24.03	24.09	24.03	24.70
15	QPSK	75	0	23.92	24.14	23.98	24.70
15	16QAM	1	0	24.07	24.26	24.14	24.70
15	16QAM	1	37	24.14	24.20	24.13	24.70
15	16QAM	1	74	24.20	24.31	24.21	24.70
15	16QAM	36	0	22.96	23.15	22.90	23.70
15	16QAM	36	20	22.85	23.06	22.92	23.70
15	16QAM	36	39	22.94	23.15	22.99	23.70
15	16QAM	75	0	22.87	23.02	22.85	23.70
15	64QAM	1	0	23.06	23.18	23.06	23.70
15	64QAM	1	37	23.09	23.20	23.07	23.70
15	64QAM	1	74	23.04	23.26	23.04	23.70
15	64QAM	36	0	21.87	22.13	21.99	22.70
15	64QAM	36	20	21.94	22.10	21.94	22.70
15	64QAM	36	39	21.94	22.05	21.91	22.70
15	64QAM	75	0	21.99	22.03	21.96	22.70
15	256QAM	1	0	19.98	20.22	20.08	20.70
15	256QAM	1	37	20.11	20.17	20.02	20.70
15	256QAM	1	74	20.12	20.26	19.99	20.70
15	256QAM	36	0	20.02	20.10	19.96	20.70
15	256QAM	36	20	20.03	20.09	19.88	20.70
15	256QAM	36	39	19.89	20.03	19.93	20.70
15	256QAM	75	0	19.97	20.11	19.93	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.97	25.08	25.07	25.70
10	QPSK	1	25	24.84	25.07	24.89	25.70
10	QPSK	1	49	24.95	25.14	24.97	25.70
10	QPSK	25	0	24.08	24.10	24.02	24.70
10	QPSK	25	12	24.07	24.10	23.98	24.70
10	QPSK	25	25	24.06	24.06	24.04	24.70
10	QPSK	50	0	24.00	24.09	23.90	24.70
10	16QAM	1	0	24.17	24.30	24.21	24.70
10	16QAM	1	25	24.25	24.22	24.10	24.70
10	16QAM	1	49	24.19	24.41	24.23	24.70
10	16QAM	25	0	22.98	23.07	23.00	23.70



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10	16QAM	25	12	22.91	23.15	22.85	23.70
10	16QAM	25	25	22.99	23.06	22.90	23.70
10	16QAM	50	0	22.99	23.04	22.94	23.70
10	64QAM	1	0	23.13	23.29	23.07	23.70
10	64QAM	1	25	22.99	23.17	22.98	23.70
10	64QAM	1	49	23.11	23.19	22.99	23.70
10	64QAM	25	0	21.88	22.15	21.93	22.70
10	64QAM	25	12	21.95	22.13	22.06	22.70
10	64QAM	25	25	21.84	22.14	22.02	22.70
10	64QAM	50	0	22.01	22.04	21.97	22.70
10	256QAM	1	0	19.96	20.15	19.99	20.70
10	256QAM	1	25	20.08	20.21	20.06	20.70
10	256QAM	1	49	20.14	20.23	20.08	20.70
10	256QAM	25	0	19.97	20.04	19.92	20.70
10	256QAM	25	12	19.92	20.00	19.94	20.70
10	256QAM	25	25	19.91	20.06	19.93	20.70
10	256QAM	50	0	20.04	20.11	19.91	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.99	25.06	25.00	25.70
5	QPSK	1	12	24.80	25.06	24.95	25.70
5	QPSK	1	24	24.99	25.13	24.97	25.70
5	QPSK	12	0	24.08	24.11	24.02	24.70
5	QPSK	12	7	24.02	24.11	24.03	24.70
5	QPSK	12	13	23.98	24.09	23.92	24.70
5	QPSK	25	0	24.04	24.07	23.91	24.70
5	16QAM	1	0	24.12	24.38	24.15	24.70
5	16QAM	1	12	24.16	24.23	24.08	24.70
5	16QAM	1	24	24.18	24.33	24.15	24.70
5	16QAM	12	0	23.03	23.11	23.00	23.70
5	16QAM	12	7	22.95	23.06	22.88	23.70
5	16QAM	12	13	23.01	23.16	22.94	23.70
5	16QAM	25	0	22.96	23.03	22.92	23.70
5	64QAM	1	0	23.14	23.19	23.09	23.70
5	64QAM	1	12	23.03	23.12	22.98	23.70
5	64QAM	1	24	23.03	23.29	23.00	23.70
5	64QAM	12	0	21.90	22.07	21.97	22.70
5	64QAM	12	7	22.04	22.12	22.06	22.70
5	64QAM	12	13	21.85	22.10	22.02	22.70
5	64QAM	25	0	22.00	22.10	22.00	22.70
5	256QAM	1	0	19.98	20.22	19.97	20.70
5	256QAM	1	12	20.05	20.21	20.05	20.70
5	256QAM	1	24	20.01	20.20	20.04	20.70
5	256QAM	12	0	20.02	20.10	19.90	20.70
5	256QAM	12	7	20.02	20.12	19.87	20.70
5	256QAM	12	13	19.83	20.09	20.01	20.70
5	256QAM	25	0	19.97	20.10	19.97	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	25.04	25.04	24.96	25.70
3	QPSK	1	8	24.88	25.03	24.86	25.70
3	QPSK	1	14	24.95	25.02	24.89	25.70
3	QPSK	8	0	24.03	24.14	23.89	24.70
3	QPSK	8	4	24.00	24.17	24.02	24.70
3	QPSK	8	7	24.05	24.14	23.92	24.70
3	QPSK	15	0	23.92	24.15	23.88	24.70
3	16QAM	1	0	24.08	24.34	24.13	24.70
3	16QAM	1	8	24.11	24.25	24.11	24.70
3	16QAM	1	14	24.19	24.33	24.22	24.70
3	16QAM	8	0	23.05	23.17	22.98	23.70
3	16QAM	8	4	22.86	23.13	22.80	23.70
3	16QAM	8	7	23.05	23.16	22.86	23.70
3	16QAM	15	0	22.89	23.12	22.86	23.70
3	64QAM	1	0	23.08	23.20	23.16	23.70
3	64QAM	1	8	23.05	23.22	22.99	23.70
3	64QAM	1	14	23.10	23.17	23.09	23.70
3	64QAM	8	0	21.88	22.14	21.90	22.70
3	64QAM	8	4	22.04	22.08	22.00	22.70
3	64QAM	8	7	21.90	22.07	21.91	22.70
3	64QAM	15	0	21.98	22.04	21.89	22.70
3	256QAM	1	0	20.02	20.23	20.03	20.70
3	256QAM	1	8	20.04	20.10	19.97	20.70
3	256QAM	1	14	20.07	20.22	20.04	20.70
3	256QAM	8	0	20.02	20.01	19.95	20.70
3	256QAM	8	4	19.96	20.09	19.82	20.70
3	256QAM	8	7	19.85	20.03	19.89	20.70
3	256QAM	15	0	20.02	20.09	19.90	20.70
Channel				19957	20175	20393	Tune-up limit



Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	25.06	25.12	24.94	25.70
1.4	QPSK	1	3	24.81	25.10	24.85	25.70
1.4	QPSK	1	5	24.96	25.05	24.94	25.70
1.4	QPSK	3	0	25.02	25.14	24.94	25.70
1.4	QPSK	3	1	25.01	25.11	24.97	25.70
1.4	QPSK	3	3	24.99	25.19	25.04	25.70
1.4	QPSK	6	0	23.97	24.15	23.91	24.70
1.4	16QAM	1	0	24.04	24.29	24.12	24.70
1.4	16QAM	1	3	24.24	24.26	24.09	24.70
1.4	16QAM	1	5	24.26	24.32	24.15	24.70
1.4	16QAM	3	0	24.04	24.14	23.93	24.70
1.4	16QAM	3	1	23.87	24.04	23.85	24.70
1.4	16QAM	3	3	23.93	24.12	23.87	24.70
1.4	16QAM	6	0	22.88	23.06	22.86	23.70
1.4	64QAM	1	0	23.17	23.22	23.16	23.70
1.4	64QAM	1	3	23.02	23.11	22.94	23.70
1.4	64QAM	1	5	23.04	23.17	23.00	23.70
1.4	64QAM	3	0	22.91	23.10	22.93	23.70
1.4	64QAM	3	1	23.03	23.09	23.02	23.70
1.4	64QAM	3	3	22.95	23.12	23.03	23.70
1.4	64QAM	6	0	21.93	22.12	21.93	22.70
1.4	256QAM	1	0	19.93	20.15	20.02	20.70
1.4	256QAM	1	3	20.04	20.22	20.10	20.70
1.4	256QAM	1	5	20.06	20.20	20.03	20.70
1.4	256QAM	3	0	19.96	20.13	20.02	20.70
1.4	256QAM	3	1	20.03	20.09	19.91	20.70
1.4	256QAM	3	3	19.91	20.07	19.90	20.70
1.4	256QAM	6	0	19.98	20.16	19.90	20.70

【LTE Band 4_Ant 2_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	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.84	24.86	24.85	25.70
20	QPSK	1	49	24.68	24.83	24.73	25.70
20	QPSK	1	99	24.66	24.81	24.73	25.70
20	QPSK	50	0	23.90	23.94	23.89	24.70
20	QPSK	50	24	23.80	23.93	23.81	24.70
20	QPSK	50	50	23.70	23.77	23.66	24.70
20	QPSK	100	0	23.87	23.90	23.81	24.70
20	16QAM	1	0	23.82	23.89	23.78	24.70
20	16QAM	1	49	23.73	23.78	23.76	24.70
20	16QAM	1	99	23.66	23.77	23.61	24.70
20	16QAM	50	0	22.76	22.91	22.78	23.70
20	16QAM	50	24	22.71	22.76	22.61	23.70
20	16QAM	50	50	22.78	22.83	22.73	23.70
20	16QAM	100	0	22.81	22.89	22.85	23.70
20	64QAM	1	0	22.74	22.85	22.72	23.70
20	64QAM	1	49	22.68	22.82	22.72	23.70
20	64QAM	1	99	22.62	22.72	22.57	23.70
20	64QAM	50	0	21.82	21.88	21.80	22.70
20	64QAM	50	24	21.77	21.91	21.83	22.70
20	64QAM	50	50	21.74	21.81	21.77	22.70
20	64QAM	100	0	21.83	21.94	21.83	22.70
20	256QAM	1	0	19.73	19.85	19.81	20.70
20	256QAM	1	49	19.67	19.75	19.61	20.70
20	256QAM	1	99	19.57	19.69	19.65	20.70
20	256QAM	50	0	19.69	19.82	19.73	20.70
20	256QAM	50	24	19.63	19.78	19.64	20.70
20	256QAM	50	50	19.74	19.78	19.67	20.70
20	256QAM	100	0	19.65	19.76	19.64	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.77	24.83	24.77	25.70
15	QPSK	1	37	24.66	24.74	24.71	25.70
15	QPSK	1	74	24.51	24.69	24.70	25.70
15	QPSK	36	0	23.79	23.82	23.85	24.70
15	QPSK	36	20	23.69	23.90	23.70	24.70
15	QPSK	36	39	23.55	23.73	23.65	24.70
15	QPSK	75	0	23.82	23.76	23.78	24.70



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15	16QAM	1	0	23.71	23.75	23.70	24.70
15	16QAM	1	37	23.61	23.74	23.71	24.70
15	16QAM	1	74	23.61	23.73	23.58	24.70
15	16QAM	36	0	22.65	22.81	22.65	23.70
15	16QAM	36	20	22.59	22.66	22.51	23.70
15	16QAM	36	39	22.67	22.82	22.60	23.70
15	16QAM	75	0	22.76	22.80	22.78	23.70
15	64QAM	1	0	22.65	22.75	22.69	23.70
15	64QAM	1	37	22.55	22.79	22.69	23.70
15	64QAM	1	74	22.59	22.59	22.54	23.70
15	64QAM	36	0	21.78	21.79	21.66	22.70
15	64QAM	36	20	21.68	21.85	21.69	22.70
15	64QAM	36	39	21.67	21.70	21.69	22.70
15	64QAM	75	0	21.74	21.91	21.77	22.70
15	256QAM	1	0	19.63	19.79	19.73	20.70
15	256QAM	1	37	19.52	19.63	19.55	20.70
15	256QAM	1	74	19.46	19.67	19.56	20.70
15	256QAM	36	0	19.64	19.77	19.60	20.70
15	256QAM	36	20	19.49	19.69	19.50	20.70
15	256QAM	36	39	19.70	19.73	19.63	20.70
15	256QAM	75	0	19.59	19.64	19.55	20.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	24.70	24.72	24.71	25.70
10	QPSK	1	25	24.60	24.80	24.60	25.70
10	QPSK	1	49	24.61	24.79	24.59	25.70
10	QPSK	25	0	23.78	23.82	23.80	24.70
10	QPSK	25	12	23.69	23.85	23.69	24.70
10	QPSK	25	25	23.58	23.76	23.65	24.70
10	QPSK	50	0	23.83	23.78	23.71	24.70
10	16QAM	1	0	23.67	23.86	23.67	24.70
10	16QAM	1	25	23.66	23.63	23.67	24.70
10	16QAM	1	49	23.56	23.68	23.59	24.70
10	16QAM	25	0	22.73	22.86	22.71	23.70
10	16QAM	25	12	22.59	22.68	22.57	23.70
10	16QAM	25	25	22.72	22.70	22.66	23.70
10	16QAM	50	0	22.76	22.82	22.71	23.70
10	64QAM	1	0	22.64	22.81	22.65	23.70
10	64QAM	1	25	22.59	22.78	22.62	23.70
10	64QAM	1	49	22.58	22.62	22.45	23.70
10	64QAM	25	0	21.73	21.81	21.75	22.70
10	64QAM	25	12	21.73	21.84	21.79	22.70
10	64QAM	25	25	21.62	21.75	21.68	22.70
10	64QAM	50	0	21.72	21.83	21.76	22.70
10	256QAM	1	0	19.66	19.83	19.77	20.70
10	256QAM	1	25	19.55	19.61	19.55	20.70
10	256QAM	1	49	19.48	19.66	19.62	20.70
10	256QAM	25	0	19.63	19.68	19.60	20.70
10	256QAM	25	12	19.53	19.75	19.62	20.70
10	256QAM	25	25	19.59	19.74	19.65	20.70
10	256QAM	50	0	19.60	19.64	19.55	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.81	24.72	24.75	25.70
5	QPSK	1	12	24.54	24.70	24.61	25.70
5	QPSK	1	24	24.62	24.68	24.70	25.70
5	QPSK	12	0	23.88	23.83	23.76	24.70
5	QPSK	12	7	23.67	23.84	23.74	24.70
5	QPSK	12	13	23.66	23.69	23.55	24.70
5	QPSK	25	0	23.81	23.87	23.80	24.70
5	16QAM	1	0	23.73	23.74	23.66	24.70
5	16QAM	1	12	23.68	23.73	23.68	24.70
5	16QAM	1	24	23.57	23.65	23.48	24.70
5	16QAM	12	0	22.75	22.90	22.76	23.70
5	16QAM	12	7	22.65	22.72	22.49	23.70
5	16QAM	12	13	22.67	22.75	22.70	23.70
5	16QAM	25	0	22.75	22.82	22.78	23.70
5	64QAM	1	0	22.60	22.84	22.61	23.70
5	64QAM	1	12	22.57	22.73	22.70	23.70
5	64QAM	1	24	22.54	22.67	22.51	23.70
5	64QAM	12	0	21.69	21.75	21.65	22.70
5	64QAM	12	7	21.72	21.78	21.81	22.70
5	64QAM	12	13	21.59	21.72	21.63	22.70
5	64QAM	25	0	21.79	21.89	21.72	22.70
5	256QAM	1	0	19.58	19.80	19.78	20.70
5	256QAM	1	12	19.61	19.73	19.57	20.70
5	256QAM	1	24	19.49	19.68	19.60	20.70
5	256QAM	12	0	19.67	19.76	19.60	20.70



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5	256QAM	12	7	19.49	19.71	19.54	20.70
5	256QAM	12	13	19.61	19.70	19.52	20.70
5	256QAM	25	0	19.52	19.71	19.54	20.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.70	24.79	24.71	25.70
3	QPSK	1	8	24.60	24.75	24.70	25.70
3	QPSK	1	14	24.52	24.67	24.63	25.70
3	QPSK	8	0	23.77	23.86	23.80	24.70
3	QPSK	8	4	23.72	23.80	23.68	24.70
3	QPSK	8	7	23.56	23.69	23.53	24.70
3	QPSK	15	0	23.77	23.76	23.73	24.70
3	16QAM	1	0	23.72	23.74	23.71	24.70
3	16QAM	1	8	23.71	23.67	23.67	24.70
3	16QAM	1	14	23.52	23.76	23.53	24.70
3	16QAM	8	0	22.66	22.81	22.65	23.70
3	16QAM	8	4	22.63	22.67	22.53	23.70
3	16QAM	8	7	22.67	22.70	22.61	23.70
3	16QAM	15	0	22.76	22.78	22.80	23.70
3	64QAM	1	0	22.63	22.83	22.65	23.70
3	64QAM	1	8	22.61	22.79	22.67	23.70
3	64QAM	1	14	22.48	22.65	22.43	23.70
3	64QAM	8	0	21.73	21.82	21.77	22.70
3	64QAM	8	4	21.71	21.86	21.75	22.70
3	64QAM	8	7	21.69	21.69	21.62	22.70
3	64QAM	15	0	21.74	21.81	21.74	22.70
3	256QAM	1	0	19.68	19.77	19.78	20.70
3	256QAM	1	8	19.55	19.68	19.47	20.70
3	256QAM	1	14	19.44	19.63	19.62	20.70
3	256QAM	8	0	19.54	19.71	19.71	20.70
3	256QAM	8	4	19.59	19.68	19.57	20.70
3	256QAM	8	7	19.65	19.65	19.64	20.70
3	256QAM	15	0	19.63	19.61	19.63	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.77	24.76	24.82	25.70
1.4	QPSK	1	3	24.65	24.77	24.64	25.70
1.4	QPSK	1	5	24.63	24.77	24.71	25.70
1.4	QPSK	3	0	24.87	24.93	24.75	25.70
1.4	QPSK	3	1	24.76	24.82	24.74	25.70
1.4	QPSK	3	3	24.61	24.64	24.52	25.70
1.4	QPSK	6	0	23.80	23.87	23.79	24.70
1.4	16QAM	1	0	23.80	23.77	23.69	24.70
1.4	16QAM	1	3	23.65	23.71	23.72	24.70
1.4	16QAM	1	5	23.52	23.68	23.59	24.70
1.4	16QAM	3	0	23.66	23.86	23.68	24.70
1.4	16QAM	3	1	23.67	23.66	23.57	24.70
1.4	16QAM	3	3	23.77	23.82	23.71	24.70
1.4	16QAM	6	0	22.77	22.78	22.78	23.70
1.4	64QAM	1	0	22.72	22.70	22.67	23.70
1.4	64QAM	1	3	22.64	22.72	22.66	23.70
1.4	64QAM	1	5	22.49	22.65	22.54	23.70
1.4	64QAM	3	0	22.78	22.80	22.69	23.70
1.4	64QAM	3	1	22.75	22.80	22.77	23.70
1.4	64QAM	3	3	22.62	22.74	22.71	23.70
1.4	64QAM	6	0	21.70	21.90	21.74	22.70
1.4	256QAM	1	0	19.66	19.74	19.67	20.70
1.4	256QAM	1	3	19.57	19.65	19.52	20.70
1.4	256QAM	1	5	19.45	19.68	19.63	20.70
1.4	256QAM	3	0	19.63	19.79	19.60	20.70
1.4	256QAM	3	1	19.61	19.69	19.56	20.70
1.4	256QAM	3	3	19.64	19.73	19.65	20.70
1.4	256QAM	6	0	19.59	19.71	19.58	20.70

【LTE Band 4_Ant 2_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	23.15	23.17	23.03	24.00
20	QPSK	1	49	22.95	23.03	22.76	24.00
20	QPSK	1	99	22.92	23.07	22.83	24.00
20	QPSK	50	0	21.86	21.99	21.76	23.00
20	QPSK	50	24	21.78	21.93	21.69	23.00
20	QPSK	50	50	21.81	21.87	21.61	23.00
20	QPSK	100	0	21.86	21.92	21.67	23.00
20	16QAM	1	0	22.04	22.15	21.94	23.00
20	16QAM	1	49	21.95	22.02	21.86	23.00
20	16QAM	1	99	22.10	22.14	21.98	23.00
20	16QAM	50	0	20.77	20.92	20.67	22.00
20	16QAM	50	24	20.77	20.93	20.69	22.00
20	16QAM	50	50	20.80	20.85	20.64	22.00
20	16QAM	100	0	20.80	20.95	20.80	22.00
20	64QAM	1	0	20.73	20.88	20.65	22.00
20	64QAM	1	49	20.70	20.75	20.54	22.00
20	64QAM	1	99	20.81	20.90	20.65	22.00
20	64QAM	50	0	19.87	19.93	19.70	21.00
20	64QAM	50	24	19.78	19.94	19.75	21.00
20	64QAM	50	50	19.81	19.96	19.69	21.00
20	64QAM	100	0	19.82	19.97	19.74	21.00
20	256QAM	1	0	17.78	17.94	17.69	19.00
20	256QAM	1	49	17.75	17.90	17.64	19.00
20	256QAM	1	99	17.75	17.91	17.70	19.00
20	256QAM	50	0	17.93	17.96	17.79	19.00
20	256QAM	50	24	17.83	17.97	17.80	19.00
20	256QAM	50	50	17.80	17.87	17.68	19.00
20	256QAM	100	0	17.89	18.00	17.81	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.02	23.11	23.01	24.00
15	QPSK	1	37	22.84	22.94	22.62	24.00
15	QPSK	1	74	22.86	23.03	22.76	24.00
15	QPSK	36	0	21.78	21.89	21.70	23.00
15	QPSK	36	20	21.70	21.88	21.56	23.00
15	QPSK	36	39	21.72	21.78	21.46	23.00
15	QPSK	75	0	21.83	21.87	21.57	23.00
15	16QAM	1	0	21.97	22.13	21.92	23.00
15	16QAM	1	37	21.94	22.00	21.83	23.00
15	16QAM	1	74	22.05	22.08	21.93	23.00
15	16QAM	36	0	20.73	20.85	20.58	22.00
15	16QAM	36	20	20.64	20.84	20.64	22.00
15	16QAM	36	39	20.70	20.72	20.51	22.00
15	16QAM	75	0	20.65	20.92	20.67	22.00
15	64QAM	1	0	20.69	20.83	20.52	22.00
15	64QAM	1	37	20.61	20.73	20.43	22.00
15	64QAM	1	74	20.66	20.84	20.60	22.00
15	64QAM	36	0	19.83	19.82	19.66	21.00
15	64QAM	36	20	19.67	19.82	19.61	21.00
15	64QAM	36	39	19.79	19.81	19.65	21.00
15	64QAM	75	0	19.71	19.84	19.73	21.00
15	256QAM	1	0	17.76	17.81	17.57	19.00
15	256QAM	1	37	17.63	17.81	17.60	19.00
15	256QAM	1	74	17.74	17.77	17.64	19.00
15	256QAM	36	0	17.83	17.90	17.77	19.00
15	256QAM	36	20	17.77	17.86	17.68	19.00
15	256QAM	36	39	17.69	17.79	17.66	19.00
15	256QAM	75	0	17.88	17.90	17.78	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.08	23.12	22.90	24.00
10	QPSK	1	25	22.83	22.93	22.64	24.00
10	QPSK	1	49	22.86	22.93	22.69	24.00
10	QPSK	25	0	21.71	21.94	21.71	23.00
10	QPSK	25	12	21.71	21.84	21.57	23.00
10	QPSK	25	25	21.69	21.82	21.59	23.00
10	QPSK	50	0	21.76	21.90	21.63	23.00
10	16QAM	1	0	22.00	22.08	21.82	23.00
10	16QAM	1	25	21.84	21.97	21.83	23.00
10	16QAM	1	49	22.07	22.02	21.93	23.00
10	16QAM	25	0	20.65	20.78	20.61	22.00



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10	16QAM	25	12	20.70	20.90	20.58	22.00
10	16QAM	25	25	20.75	20.81	20.61	22.00
10	16QAM	50	0	20.78	20.92	20.68	22.00
10	64QAM	1	0	20.65	20.80	20.61	22.00
10	64QAM	1	25	20.67	20.74	20.40	22.00
10	64QAM	1	49	20.71	20.84	20.56	22.00
10	64QAM	25	0	19.83	19.79	19.63	21.00
10	64QAM	25	12	19.67	19.89	19.67	21.00
10	64QAM	25	25	19.73	19.83	19.61	21.00
10	64QAM	50	0	19.80	19.90	19.68	21.00
10	256QAM	1	0	17.68	17.93	17.58	19.00
10	256QAM	1	25	17.68	17.77	17.53	19.00
10	256QAM	1	49	17.67	17.87	17.62	19.00
10	256QAM	25	0	17.91	17.87	17.77	19.00
10	256QAM	25	12	17.77	17.86	17.71	19.00
10	256QAM	25	25	17.74	17.80	17.65	19.00
10	256QAM	50	0	17.80	17.94	17.79	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.06	23.07	22.92	24.00
5	QPSK	1	12	22.90	22.93	22.65	24.00
5	QPSK	1	24	22.80	23.01	22.73	24.00
5	QPSK	12	0	21.80	21.94	21.65	23.00
5	QPSK	12	7	21.75	21.87	21.66	23.00
5	QPSK	12	13	21.76	21.80	21.59	23.00
5	QPSK	25	0	21.81	21.89	21.58	23.00
5	16QAM	1	0	22.03	22.08	21.89	23.00
5	16QAM	1	12	21.93	21.87	21.71	23.00
5	16QAM	1	24	22.05	22.04	21.93	23.00
5	16QAM	12	0	20.63	20.78	20.57	22.00
5	16QAM	12	7	20.66	20.85	20.55	22.00
5	16QAM	12	13	20.71	20.75	20.52	22.00
5	16QAM	25	0	20.77	20.93	20.72	22.00
5	64QAM	1	0	20.69	20.81	20.59	22.00
5	64QAM	1	12	20.62	20.71	20.49	22.00
5	64QAM	1	24	20.78	20.83	20.58	22.00
5	64QAM	12	0	19.82	19.78	19.59	21.00
5	64QAM	12	7	19.76	19.88	19.61	21.00
5	64QAM	12	13	19.71	19.92	19.63	21.00
5	64QAM	25	0	19.72	19.83	19.71	21.00
5	256QAM	1	0	17.65	17.89	17.57	19.00
5	256QAM	1	12	17.61	17.88	17.58	19.00
5	256QAM	1	24	17.73	17.86	17.59	19.00
5	256QAM	12	0	17.87	17.85	17.68	19.00
5	256QAM	12	7	17.81	17.92	17.75	19.00
5	256QAM	12	13	17.71	17.74	17.59	19.00
5	256QAM	25	0	17.86	17.92	17.79	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.02	23.06	22.91	24.00
3	QPSK	1	8	22.92	22.98	22.75	24.00
3	QPSK	1	14	22.78	23.02	22.69	24.00
3	QPSK	8	0	21.79	21.94	21.71	23.00
3	QPSK	8	4	21.74	21.80	21.65	23.00
3	QPSK	8	7	21.70	21.86	21.47	23.00
3	QPSK	15	0	21.77	21.81	21.60	23.00
3	16QAM	1	0	21.97	22.00	21.86	23.00
3	16QAM	1	8	21.82	21.97	21.83	23.00
3	16QAM	1	14	22.04	22.06	21.90	23.00
3	16QAM	8	0	20.72	20.86	20.64	22.00
3	16QAM	8	4	20.68	20.78	20.58	22.00
3	16QAM	8	7	20.70	20.73	20.50	22.00
3	16QAM	15	0	20.76	20.89	20.66	22.00
3	64QAM	1	0	20.67	20.82	20.61	22.00
3	64QAM	1	8	20.65	20.69	20.40	22.00
3	64QAM	1	14	20.67	20.80	20.51	22.00
3	64QAM	8	0	19.76	19.87	19.58	21.00
3	64QAM	8	4	19.76	19.90	19.72	21.00
3	64QAM	8	7	19.72	19.90	19.66	21.00
3	64QAM	15	0	19.70	19.83	19.63	21.00
3	256QAM	1	0	17.73	17.91	17.62	19.00
3	256QAM	1	8	17.71	17.75	17.62	19.00
3	256QAM	1	14	17.61	17.86	17.65	19.00
3	256QAM	8	0	17.80	17.85	17.75	19.00
3	256QAM	8	4	17.70	17.85	17.73	19.00
3	256QAM	8	7	17.75	17.81	17.60	19.00
3	256QAM	15	0	17.78	17.85	17.80	19.00
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.08	23.15	22.95	24.00
1.4	QPSK	1	3	22.81	22.91	22.69	24.00
1.4	QPSK	1	5	22.81	22.98	22.78	24.00
1.4	QPSK	3	0	22.81	22.91	22.72	24.00
1.4	QPSK	3	1	22.69	22.92	22.57	24.00
1.4	QPSK	3	3	22.68	22.74	22.59	24.00
1.4	QPSK	6	0	21.74	21.89	21.62	23.00
1.4	16QAM	1	0	21.99	22.09	21.83	23.00
1.4	16QAM	1	3	21.91	21.91	21.77	23.00
1.4	16QAM	1	5	22.08	22.03	21.86	23.00
1.4	16QAM	3	0	21.67	21.83	21.66	23.00
1.4	16QAM	3	1	21.74	21.83	21.58	23.00
1.4	16QAM	3	3	21.73	21.81	21.61	23.00
1.4	16QAM	6	0	20.67	20.91	20.74	22.00
1.4	64QAM	1	0	20.60	20.75	20.53	22.00
1.4	64QAM	1	3	20.65	20.68	20.47	22.00
1.4	64QAM	1	5	20.68	20.85	20.53	22.00
1.4	64QAM	3	0	20.78	20.88	20.63	22.00
1.4	64QAM	3	1	20.73	20.84	20.67	22.00
1.4	64QAM	3	3	20.79	20.87	20.60	22.00
1.4	64QAM	6	0	19.68	19.95	19.66	21.00
1.4	256QAM	1	0	17.67	17.91	17.68	19.00
1.4	256QAM	1	3	17.70	17.88	17.57	19.00
1.4	256QAM	1	5	17.68	17.87	17.59	19.00
1.4	256QAM	3	0	17.82	17.90	17.67	19.00
1.4	256QAM	3	1	17.69	17.95	17.79	19.00
1.4	256QAM	3	3	17.67	17.82	17.61	19.00
1.4	256QAM	6	0	17.76	17.86	17.73	19.00

【LTE Band 4_Ant 2_ECI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.43	17.62	17.47	18.20
20	QPSK	1	49	17.43	17.47	17.39	18.20
20	QPSK	1	99	17.37	17.43	17.47	18.20
20	QPSK	50	0	17.46	17.52	17.35	18.20
20	QPSK	50	24	17.35	17.45	17.22	18.20
20	QPSK	50	50	17.39	17.39	17.30	18.20
20	QPSK	100	0	17.23	17.52	17.31	18.20
20	16QAM	1	0	17.33	17.40	17.20	18.20
20	16QAM	1	49	17.18	17.33	17.26	18.20
20	16QAM	1	99	17.28	17.41	17.38	18.20
20	16QAM	50	0	17.22	17.46	17.26	18.20
20	16QAM	50	24	17.20	17.45	17.19	18.20
20	16QAM	50	50	17.33	17.44	17.36	18.20
20	16QAM	100	0	17.24	17.25	17.15	18.20
20	64QAM	1	0	17.14	17.28	17.22	18.20
20	64QAM	1	49	17.15	17.34	17.20	18.20
20	64QAM	1	99	17.14	17.22	17.12	18.20
20	64QAM	50	0	17.16	17.39	17.21	18.20
20	64QAM	50	24	17.01	17.17	17.19	18.20
20	64QAM	50	50	17.14	17.29	17.28	18.20
20	64QAM	100	0	17.23	17.46	17.20	18.20
20	256QAM	1	0	17.14	17.24	17.14	18.20
20	256QAM	1	49	17.35	17.36	17.22	18.20
20	256QAM	1	99	17.22	17.22	17.18	18.20
20	256QAM	50	0	17.16	17.38	17.16	18.20
20	256QAM	50	24	17.18	17.30	17.15	18.20
20	256QAM	50	50	17.14	17.27	17.11	18.20
20	256QAM	100	0	17.22	17.32	17.28	18.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.32	17.59	17.38	18.20
15	QPSK	1	37	17.33	17.34	17.33	18.20
15	QPSK	1	74	17.31	17.32	17.35	18.20
15	QPSK	36	0	17.45	17.44	17.33	18.20
15	QPSK	36	20	17.21	17.35	17.09	18.20
15	QPSK	36	39	17.35	17.30	17.21	18.20
15	QPSK	75	0	17.12	17.43	17.22	18.20



15	16QAM	1	0	17.25	17.26	17.13	18.20
15	16QAM	1	37	17.07	17.30	17.24	18.20
15	16QAM	1	74	17.15	17.30	17.28	18.20
15	16QAM	36	0	17.14	17.42	17.25	18.20
15	16QAM	36	20	17.06	17.40	17.10	18.20
15	16QAM	36	39	17.30	17.32	17.29	18.20
15	16QAM	75	0	17.18	17.18	17.09	18.20
15	64QAM	1	0	17.13	17.14	17.11	18.20
15	64QAM	1	37	17.07	17.23	17.17	18.20
15	64QAM	1	74	17.04	17.14	16.99	18.20
15	64QAM	36	0	17.02	17.25	17.18	18.20
15	64QAM	36	20	16.96	17.08	17.09	18.20
15	64QAM	36	39	16.99	17.15	17.23	18.20
15	64QAM	75	0	17.14	17.43	17.10	18.20
15	256QAM	1	0	17.00	17.10	17.04	18.20
15	256QAM	1	37	17.24	17.22	17.12	18.20
15	256QAM	1	74	17.18	17.11	17.04	18.20
15	256QAM	36	0	17.03	17.31	17.06	18.20
15	256QAM	36	20	17.15	17.18	17.01	18.20
15	256QAM	36	39	17.04	17.21	17.06	18.20
15	256QAM	75	0	17.14	17.20	17.20	18.20
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.36	17.54	17.45	18.20
10	QPSK	1	25	17.40	17.37	17.36	18.20
10	QPSK	1	49	17.33	17.28	17.42	18.20
10	QPSK	25	0	17.35	17.40	17.24	18.20
10	QPSK	25	12	17.26	17.35	17.20	18.20
10	QPSK	25	25	17.30	17.36	17.23	18.20
10	QPSK	50	0	17.13	17.39	17.17	18.20
10	16QAM	1	0	17.23	17.38	17.14	18.20
10	16QAM	1	25	17.09	17.20	17.16	18.20
10	16QAM	1	49	17.21	17.39	17.25	18.20
10	16QAM	25	0	17.15	17.43	17.25	18.20
10	16QAM	25	12	17.17	17.36	17.11	18.20
10	16QAM	25	25	17.18	17.33	17.23	18.20
10	16QAM	50	0	17.20	17.19	17.02	18.20
10	64QAM	1	0	17.03	17.19	17.13	18.20
10	64QAM	1	25	17.09	17.24	17.12	18.20
10	64QAM	1	49	17.01	17.18	17.04	18.20
10	64QAM	25	0	17.10	17.32	17.17	18.20
10	64QAM	25	12	16.89	17.05	17.12	18.20
10	64QAM	25	25	17.04	17.16	17.18	18.20
10	64QAM	50	0	17.12	17.34	17.07	18.20
10	256QAM	1	0	17.09	17.13	17.06	18.20
10	256QAM	1	25	17.22	17.26	17.14	18.20
10	256QAM	1	49	17.11	17.15	17.08	18.20
10	256QAM	25	0	17.03	17.33	17.04	18.20
10	256QAM	25	12	17.03	17.22	17.10	18.20
10	256QAM	25	25	17.01	17.24	16.98	18.20
10	256QAM	50	0	17.18	17.27	17.14	18.20
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.36	17.53	17.43	18.20
5	QPSK	1	12	17.33	17.45	17.30	18.20
5	QPSK	1	24	17.32	17.30	17.38	18.20
5	QPSK	12	0	17.44	17.49	17.29	18.20
5	QPSK	12	7	17.32	17.39	17.14	18.20
5	QPSK	12	13	17.28	17.35	17.28	18.20
5	QPSK	25	0	17.18	17.49	17.22	18.20
5	16QAM	1	0	17.24	17.27	17.10	18.20
5	16QAM	1	12	17.12	17.23	17.18	18.20
5	16QAM	1	24	17.17	17.34	17.35	18.20
5	16QAM	12	0	17.18	17.39	17.17	18.20
5	16QAM	12	7	17.08	17.42	17.11	18.20
5	16QAM	12	13	17.32	17.39	17.21	18.20
5	16QAM	25	0	17.22	17.22	17.09	18.20
5	64QAM	1	0	17.00	17.18	17.08	18.20
5	64QAM	1	12	17.03	17.22	17.15	18.20
5	64QAM	1	24	17.01	17.13	17.05	18.20
5	64QAM	12	0	17.11	17.33	17.09	18.20
5	64QAM	12	7	16.94	17.15	17.06	18.20
5	64QAM	12	13	17.09	17.21	17.21	18.20
5	64QAM	25	0	17.09	17.44	17.08	18.20
5	256QAM	1	0	17.09	17.19	17.09	18.20
5	256QAM	1	12	17.26	17.31	17.19	18.20
5	256QAM	1	24	17.17	17.18	17.05	18.20
5	256QAM	12	0	17.12	17.35	17.13	18.20



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5	256QAM	12	7	17.17	17.18	17.06	18.20
5	256QAM	12	13	17.00	17.25	17.00	18.20
5	256QAM	25	0	17.20	17.30	17.13	18.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.31	17.59	17.39	18.20
3	QPSK	1	8	17.38	17.40	17.25	18.20
3	QPSK	1	14	17.26	17.40	17.32	18.20
3	QPSK	8	0	17.32	17.37	17.33	18.20
3	QPSK	8	4	17.30	17.39	17.19	18.20
3	QPSK	8	7	17.34	17.29	17.16	18.20
3	QPSK	15	0	17.22	17.48	17.26	18.20
3	16QAM	1	0	17.22	17.32	17.10	18.20
3	16QAM	1	8	17.16	17.24	17.17	18.20
3	16QAM	1	14	17.20	17.36	17.24	18.20
3	16QAM	8	0	17.13	17.38	17.12	18.20
3	16QAM	8	4	17.07	17.31	17.12	18.20
3	16QAM	8	7	17.29	17.43	17.34	18.20
3	16QAM	15	0	17.12	17.19	17.04	18.20
3	64QAM	1	0	16.99	17.21	17.18	18.20
3	64QAM	1	8	17.01	17.30	17.16	18.20
3	64QAM	1	14	17.08	17.08	17.01	18.20
3	64QAM	8	0	17.02	17.28	17.10	18.20
3	64QAM	8	4	16.86	17.03	17.16	18.20
3	64QAM	8	7	17.00	17.15	17.17	18.20
3	64QAM	15	0	17.19	17.45	17.13	18.20
3	256QAM	1	0	17.11	17.17	17.00	18.20
3	256QAM	1	8	17.23	17.31	17.17	18.20
3	256QAM	1	14	17.12	17.17	17.06	18.20
3	256QAM	8	0	17.11	17.28	17.07	18.20
3	256QAM	8	4	17.04	17.17	17.04	18.20
3	256QAM	8	7	17.09	17.17	16.99	18.20
3	256QAM	15	0	17.13	17.29	17.15	18.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.37	17.50	17.45	18.20
1.4	QPSK	1	3	17.42	17.37	17.35	18.20
1.4	QPSK	1	5	17.35	17.36	17.33	18.20
1.4	QPSK	3	0	17.40	17.38	17.31	18.20
1.4	QPSK	3	1	17.24	17.41	17.17	18.20
1.4	QPSK	3	3	17.34	17.26	17.25	18.20
1.4	QPSK	6	0	17.21	17.38	17.17	18.20
1.4	16QAM	1	0	17.29	17.31	17.11	18.20
1.4	16QAM	1	3	17.15	17.20	17.22	18.20
1.4	16QAM	1	5	17.22	17.35	17.29	18.20
1.4	16QAM	3	0	17.19	17.33	17.22	18.20
1.4	16QAM	3	1	17.08	17.40	17.18	18.20
1.4	16QAM	3	3	17.19	17.31	17.25	18.20
1.4	16QAM	6	0	17.13	17.18	17.11	18.20
1.4	64QAM	1	0	17.09	17.15	17.10	18.20
1.4	64QAM	1	3	17.07	17.25	17.19	18.20
1.4	64QAM	1	5	17.11	17.17	17.00	18.20
1.4	64QAM	3	0	17.11	17.36	17.13	18.20
1.4	64QAM	3	1	16.91	17.08	17.15	18.20
1.4	64QAM	3	3	17.05	17.18	17.20	18.20
1.4	64QAM	6	0	17.17	17.41	17.14	18.20
1.4	256QAM	1	0	17.06	17.20	17.06	18.20
1.4	256QAM	1	3	17.22	17.28	17.21	18.20
1.4	256QAM	1	5	17.19	17.19	17.04	18.20
1.4	256QAM	3	0	17.06	17.33	17.11	18.20
1.4	256QAM	3	1	17.13	17.23	17.02	18.20
1.4	256QAM	3	3	17.02	17.24	17.04	18.20
1.4	256QAM	6	0	17.12	17.28	17.20	18.20



【LTE Band 4_Ant 2_ECI1-1】

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	18.20
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.31	17.36	17.32	18.20
20	QPSK	1	49	17.05	17.14	17.06	18.20
20	QPSK	1	99	17.05	17.17	17.05	18.20
20	QPSK	50	0	17.28	17.30	17.23	18.20
20	QPSK	50	24	17.05	17.16	17.06	18.20
20	QPSK	50	50	17.03	17.17	17.02	18.20
20	QPSK	100	0	17.12	17.23	17.12	18.20
20	16QAM	1	0	17.11	17.28	17.16	18.20
20	16QAM	1	49	17.11	17.27	17.16	18.20
20	16QAM	1	99	17.00	17.16	17.01	18.20
20	16QAM	50	0	17.09	17.26	17.09	18.20
20	16QAM	50	24	17.06	17.23	17.11	18.20
20	16QAM	50	50	17.14	17.25	17.15	18.20
20	16QAM	100	0	17.18	17.24	17.10	18.20
20	64QAM	1	0	17.05	17.23	17.15	18.20
20	64QAM	1	49	17.07	17.17	16.99	18.20
20	64QAM	1	99	17.09	17.17	17.11	18.20
20	64QAM	50	0	17.06	17.19	17.05	18.20
20	64QAM	50	24	16.94	17.14	16.97	18.20
20	64QAM	50	50	17.00	17.17	17.06	18.20
20	64QAM	100	0	16.98	17.13	16.96	18.20
20	256QAM	1	0	16.99	17.17	17.07	18.20
20	256QAM	1	49	17.01	17.18	17.06	18.20
20	256QAM	1	99	17.12	17.19	17.01	18.20
20	256QAM	50	0	17.30	17.37	17.24	18.20
20	256QAM	50	24	17.07	17.14	16.98	18.20
20	256QAM	50	50	17.03	17.17	17.05	18.20
20	256QAM	100	0	17.22	17.30	17.13	18.20
Channel				20025	20175	20325	18.20
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.30	17.24	17.23	18.20
15	QPSK	1	37	16.92	17.06	16.96	18.20
15	QPSK	1	74	17.01	17.03	16.95	18.20
15	QPSK	36	0	17.17	17.24	17.19	18.20
15	QPSK	36	20	16.98	17.03	16.99	18.20
15	QPSK	36	39	16.94	17.05	16.96	18.20
15	QPSK	75	0	17.05	17.10	17.07	18.20
15	16QAM	1	0	17.10	17.19	17.09	18.20
15	16QAM	1	37	16.98	17.19	17.13	18.20
15	16QAM	1	74	16.98	17.05	16.89	18.20
15	16QAM	36	0	16.96	17.17	17.07	18.20
15	16QAM	36	20	16.97	17.14	16.97	18.20
15	16QAM	36	39	17.12	17.17	17.09	18.20
15	16QAM	75	0	17.10	17.21	16.99	18.20
15	64QAM	1	0	17.01	17.09	17.09	18.20
15	64QAM	1	37	16.93	17.04	16.90	18.20
15	64QAM	1	74	16.94	17.08	17.04	18.20
15	64QAM	36	0	16.97	17.14	16.93	18.20
15	64QAM	36	20	16.88	17.10	16.88	18.20
15	64QAM	36	39	16.95	17.05	16.98	18.20
15	64QAM	75	0	16.84	17.00	16.85	18.20
15	256QAM	1	0	16.98	17.09	17.06	18.20
15	256QAM	1	37	16.99	17.14	16.98	18.20
15	256QAM	1	74	17.06	17.11	16.92	18.20
15	256QAM	36	0	17.22	17.30	17.17	18.20
15	256QAM	36	20	16.97	17.00	16.83	18.20
15	256QAM	36	39	16.99	17.06	16.92	18.20
15	256QAM	75	0	17.20	17.20	17.04	18.20
Channel				20000	20175	20350	18.20
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.20	17.28	17.30	18.20
10	QPSK	1	25	16.90	17.00	16.93	18.20
10	QPSK	1	49	16.94	17.09	16.91	18.20
10	QPSK	25	0	17.22	17.24	17.08	18.20
10	QPSK	25	12	16.93	17.02	16.94	18.20
10	QPSK	25	25	16.93	17.11	16.89	18.20
10	QPSK	50	0	17.05	17.14	17.10	18.20
10	16QAM	1	0	17.04	17.18	17.05	18.20
10	16QAM	1	25	16.98	17.23	17.11	18.20
10	16QAM	1	49	16.93	17.12	16.96	18.20
10	16QAM	25	0	16.96	17.13	17.00	18.20



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10	16QAM	25	12	16.93	17.19	16.98	18.20
10	16QAM	25	25	17.02	17.24	17.03	18.20
10	16QAM	50	0	17.10	17.12	17.04	18.20
10	64QAM	1	0	16.93	17.15	17.03	18.20
10	64QAM	1	25	16.97	17.02	16.96	18.20
10	64QAM	1	49	17.05	17.14	16.99	18.20
10	64QAM	25	0	17.03	17.13	16.91	18.20
10	64QAM	25	12	16.89	17.04	16.85	18.20
10	64QAM	25	25	16.86	17.14	17.03	18.20
10	64QAM	50	0	16.90	17.07	16.94	18.20
10	256QAM	1	0	16.88	17.03	16.94	18.20
10	256QAM	1	25	16.90	17.05	16.97	18.20
10	256QAM	1	49	17.02	17.17	17.00	18.20
10	256QAM	25	0	17.17	17.24	17.18	18.20
10	256QAM	25	12	16.94	17.13	16.85	18.20
10	256QAM	25	25	16.90	17.13	16.98	18.20
10	256QAM	50	0	17.11	17.16	16.98	18.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.22	17.25	17.27	18.20
5	QPSK	1	12	16.96	17.11	16.99	18.20
5	QPSK	1	24	16.94	17.08	16.97	18.20
5	QPSK	12	0	17.18	17.19	17.09	18.20
5	QPSK	12	7	17.03	17.02	16.94	18.20
5	QPSK	12	13	16.90	17.10	16.93	18.20
5	QPSK	25	0	17.09	17.18	17.07	18.20
5	16QAM	1	0	16.99	17.19	17.02	18.20
5	16QAM	1	12	16.97	17.18	17.14	18.20
5	16QAM	1	24	16.88	17.13	16.99	18.20
5	16QAM	12	0	16.98	17.23	17.01	18.20
5	16QAM	12	7	16.97	17.20	17.07	18.20
5	16QAM	12	13	17.01	17.13	17.13	18.20
5	16QAM	25	0	17.08	17.20	17.06	18.20
5	64QAM	1	0	17.03	17.08	17.01	18.20
5	64QAM	1	12	16.96	17.15	16.88	18.20
5	64QAM	1	24	17.00	17.11	17.01	18.20
5	64QAM	12	0	16.96	17.05	16.91	18.20
5	64QAM	12	7	16.91	17.00	16.94	18.20
5	64QAM	12	13	16.98	17.12	16.95	18.20
5	64QAM	25	0	16.88	17.04	16.86	18.20
5	256QAM	1	0	16.93	17.09	16.96	18.20
5	256QAM	1	12	16.99	17.10	16.95	18.20
5	256QAM	1	24	17.11	17.07	16.91	18.20
5	256QAM	12	0	17.16	17.23	17.17	18.20
5	256QAM	12	7	16.97	17.05	16.85	18.20
5	256QAM	12	13	16.96	17.04	17.00	18.20
5	256QAM	25	0	17.15	17.19	17.01	18.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.28	17.31	17.18	18.20
3	QPSK	1	8	16.97	17.12	16.96	18.20
3	QPSK	1	14	16.94	17.15	16.96	18.20
3	QPSK	8	0	17.23	17.18	17.15	18.20
3	QPSK	8	4	17.00	17.02	16.95	18.20
3	QPSK	8	7	16.98	17.03	16.94	18.20
3	QPSK	15	0	17.05	17.10	16.97	18.20
3	16QAM	1	0	17.01	17.22	17.07	18.20
3	16QAM	1	8	16.99	17.17	17.05	18.20
3	16QAM	1	14	16.85	17.01	16.99	18.20
3	16QAM	8	0	17.02	17.17	17.06	18.20
3	16QAM	8	4	16.95	17.09	17.09	18.20
3	16QAM	8	7	17.12	17.17	17.11	18.20
3	16QAM	15	0	17.07	17.22	17.01	18.20
3	64QAM	1	0	16.92	17.20	17.13	18.20
3	64QAM	1	8	16.94	17.05	16.95	18.20
3	64QAM	1	14	16.98	17.16	17.02	18.20
3	64QAM	8	0	17.01	17.12	17.00	18.20
3	64QAM	8	4	16.92	17.08	16.88	18.20
3	64QAM	8	7	16.86	17.13	16.96	18.20
3	64QAM	15	0	16.94	17.10	16.94	18.20
3	256QAM	1	0	16.93	17.07	16.94	18.20
3	256QAM	1	8	16.97	17.11	16.98	18.20
3	256QAM	1	14	16.99	17.14	16.96	18.20
3	256QAM	8	0	17.16	17.32	17.12	18.20
3	256QAM	8	4	16.92	17.04	16.88	18.20
3	256QAM	8	7	16.97	17.07	16.99	18.20
3	256QAM	15	0	17.14	17.19	17.09	18.20
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.24	17.26	17.20	18.20
1.4	QPSK	1	3	17.01	17.10	16.96	18.20
1.4	QPSK	1	5	16.92	17.10	17.00	18.20
1.4	QPSK	3	0	17.13	17.15	17.12	18.20
1.4	QPSK	3	1	17.00	17.04	16.98	18.20
1.4	QPSK	3	3	16.89	17.09	16.92	18.20
1.4	QPSK	6	0	17.01	17.14	17.10	18.20
1.4	16QAM	1	0	16.97	17.23	17.08	18.20
1.4	16QAM	1	3	17.08	17.19	17.04	18.20
1.4	16QAM	1	5	16.94	17.10	16.99	18.20
1.4	16QAM	3	0	16.96	17.23	17.03	18.20
1.4	16QAM	3	1	17.03	17.12	17.03	18.20
1.4	16QAM	3	3	17.13	17.19	17.00	18.20
1.4	16QAM	6	0	17.07	17.18	17.09	18.20
1.4	64QAM	1	0	16.91	17.11	17.05	18.20
1.4	64QAM	1	3	17.04	17.12	16.96	18.20
1.4	64QAM	1	5	17.02	17.03	17.08	18.20
1.4	64QAM	3	0	17.01	17.11	17.02	18.20
1.4	64QAM	3	1	16.88	17.09	16.86	18.20
1.4	64QAM	3	3	16.91	17.13	16.97	18.20
1.4	64QAM	6	0	16.88	17.11	16.93	18.20
1.4	256QAM	1	0	16.95	17.15	17.03	18.20
1.4	256QAM	1	3	16.92	17.06	16.95	18.20
1.4	256QAM	1	5	17.06	17.11	16.89	18.20
1.4	256QAM	3	0	17.18	17.24	17.16	18.20
1.4	256QAM	3	1	16.95	17.09	16.94	18.20
1.4	256QAM	3	3	16.93	17.03	16.91	18.20
1.4	256QAM	6	0	17.16	17.25	17.05	18.20

【LTE Band 4_Ant 2_EC11-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.61	17.64	17.60	18.50
20	QPSK	1	49	17.42	17.52	17.37	18.50
20	QPSK	1	99	17.46	17.52	17.37	18.50
20	QPSK	50	0	17.52	17.61	17.53	18.50
20	QPSK	50	24	17.40	17.45	17.36	18.50
20	QPSK	50	50	17.38	17.48	17.38	18.50
20	QPSK	100	0	17.51	17.58	17.43	18.50
20	16QAM	1	0	17.33	17.43	17.31	18.50
20	16QAM	1	49	17.43	17.49	17.43	18.50
20	16QAM	1	99	17.37	17.47	17.38	18.50
20	16QAM	50	0	17.45	17.54	17.36	18.50
20	16QAM	50	24	17.38	17.47	17.31	18.50
20	16QAM	50	50	17.41	17.48	17.40	18.50
20	16QAM	100	0	17.35	17.52	17.42	18.50
20	64QAM	1	0	17.45	17.54	17.37	18.50
20	64QAM	1	49	17.36	17.44	17.25	18.50
20	64QAM	1	99	17.45	17.56	17.39	18.50
20	64QAM	50	0	17.26	17.42	17.36	18.50
20	64QAM	50	24	17.43	17.56	17.38	18.50
20	64QAM	50	50	17.43	17.48	17.41	18.50
20	64QAM	100	0	17.41	17.46	17.35	18.50
20	256QAM	1	0	17.37	17.47	17.36	18.50
20	256QAM	1	49	17.40	17.47	17.34	18.50
20	256QAM	1	99	17.39	17.51	17.33	18.50
20	256QAM	50	0	17.57	17.64	17.53	18.50
20	256QAM	50	24	17.37	17.52	17.41	18.50
20	256QAM	50	50	17.39	17.52	17.35	18.50
20	256QAM	100	0	17.47	17.61	17.45	18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.54	17.60	17.49	18.50
15	QPSK	1	37	17.39	17.46	17.31	18.50
15	QPSK	1	74	17.33	17.48	17.23	18.50
15	QPSK	36	0	17.38	17.58	17.38	18.50
15	QPSK	36	20	17.38	17.40	17.29	18.50
15	QPSK	36	39	17.27	17.40	17.37	18.50
15	QPSK	75	0	17.38	17.53	17.42	18.50



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15	16QAM	1	0	17.27	17.35	17.23	18.50
15	16QAM	1	37	17.33	17.38	17.37	18.50
15	16QAM	1	74	17.31	17.40	17.23	18.50
15	16QAM	36	0	17.33	17.50	17.23	18.50
15	16QAM	36	20	17.36	17.35	17.17	18.50
15	16QAM	36	39	17.26	17.43	17.28	18.50
15	16QAM	75	0	17.21	17.43	17.30	18.50
15	64QAM	1	0	17.30	17.39	17.27	18.50
15	64QAM	1	37	17.25	17.38	17.17	18.50
15	64QAM	1	74	17.32	17.53	17.33	18.50
15	64QAM	36	0	17.21	17.31	17.23	18.50
15	64QAM	36	20	17.31	17.48	17.34	18.50
15	64QAM	36	39	17.40	17.34	17.36	18.50
15	64QAM	75	0	17.37	17.40	17.23	18.50
15	256QAM	1	0	17.35	17.36	17.30	18.50
15	256QAM	1	37	17.31	17.44	17.25	18.50
15	256QAM	1	74	17.28	17.41	17.30	18.50
15	256QAM	36	0	17.42	17.55	17.51	18.50
15	256QAM	36	20	17.31	17.47	17.34	18.50
15	256QAM	36	39	17.27	17.46	17.34	18.50
15	256QAM	75	0	17.32	17.54	17.35	18.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.54	17.62	17.47	18.50
10	QPSK	1	25	17.40	17.39	17.33	18.50
10	QPSK	1	49	17.37	17.40	17.31	18.50
10	QPSK	25	0	17.42	17.55	17.51	18.50
10	QPSK	25	12	17.35	17.31	17.22	18.50
10	QPSK	25	25	17.30	17.34	17.34	18.50
10	QPSK	50	0	17.42	17.53	17.40	18.50
10	16QAM	1	0	17.25	17.38	17.25	18.50
10	16QAM	1	25	17.32	17.39	17.32	18.50
10	16QAM	1	49	17.23	17.40	17.36	18.50
10	16QAM	25	0	17.42	17.44	17.33	18.50
10	16QAM	25	12	17.30	17.40	17.30	18.50
10	16QAM	25	25	17.35	17.33	17.30	18.50
10	16QAM	50	0	17.24	17.44	17.33	18.50
10	64QAM	1	0	17.33	17.52	17.25	18.50
10	64QAM	1	25	17.34	17.40	17.20	18.50
10	64QAM	1	49	17.40	17.42	17.32	18.50
10	64QAM	25	0	17.18	17.27	17.32	18.50
10	64QAM	25	12	17.34	17.46	17.33	18.50
10	64QAM	25	25	17.29	17.46	17.30	18.50
10	64QAM	50	0	17.36	17.33	17.33	18.50
10	256QAM	1	0	17.32	17.45	17.34	18.50
10	256QAM	1	25	17.26	17.38	17.30	18.50
10	256QAM	1	49	17.28	17.38	17.24	18.50
10	256QAM	25	0	17.53	17.54	17.49	18.50
10	256QAM	25	12	17.28	17.39	17.33	18.50
10	256QAM	25	25	17.27	17.48	17.21	18.50
10	256QAM	50	0	17.37	17.56	17.31	18.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.50	17.59	17.49	18.50
5	QPSK	1	12	17.35	17.46	17.29	18.50
5	QPSK	1	24	17.33	17.37	17.33	18.50
5	QPSK	12	0	17.48	17.47	17.44	18.50
5	QPSK	12	7	17.26	17.35	17.31	18.50
5	QPSK	12	13	17.35	17.43	17.29	18.50
5	QPSK	25	0	17.40	17.53	17.42	18.50
5	16QAM	1	0	17.28	17.29	17.30	18.50
5	16QAM	1	12	17.31	17.42	17.39	18.50
5	16QAM	1	24	17.36	17.40	17.26	18.50
5	16QAM	12	0	17.35	17.42	17.22	18.50
5	16QAM	12	7	17.34	17.43	17.18	18.50
5	16QAM	12	13	17.32	17.43	17.38	18.50
5	16QAM	25	0	17.33	17.48	17.38	18.50
5	64QAM	1	0	17.37	17.42	17.28	18.50
5	64QAM	1	12	17.27	17.33	17.14	18.50
5	64QAM	1	24	17.43	17.44	17.27	18.50
5	64QAM	12	0	17.17	17.33	17.30	18.50
5	64QAM	12	7	17.39	17.53	17.35	18.50
5	64QAM	12	13	17.35	17.34	17.26	18.50
5	64QAM	25	0	17.37	17.45	17.31	18.50
5	256QAM	1	0	17.28	17.43	17.26	18.50
5	256QAM	1	12	17.27	17.37	17.32	18.50
5	256QAM	1	24	17.37	17.38	17.29	18.50
5	256QAM	12	0	17.55	17.60	17.52	18.50



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5	256QAM	12	7	17.24	17.40	17.37	18.50
5	256QAM	12	13	17.34	17.50	17.28	18.50
5	256QAM	25	0	17.42	17.55	17.32	18.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.56	17.63	17.56	18.50
3	QPSK	1	8	17.32	17.39	17.25	18.50
3	QPSK	1	14	17.43	17.43	17.34	18.50
3	QPSK	8	0	17.42	17.55	17.45	18.50
3	QPSK	8	4	17.36	17.42	17.30	18.50
3	QPSK	8	7	17.28	17.39	17.24	18.50
3	QPSK	15	0	17.50	17.44	17.32	18.50
3	16QAM	1	0	17.26	17.41	17.19	18.50
3	16QAM	1	8	17.39	17.39	17.34	18.50
3	16QAM	1	14	17.33	17.33	17.24	18.50
3	16QAM	8	0	17.38	17.41	17.25	18.50
3	16QAM	8	4	17.29	17.34	17.19	18.50
3	16QAM	8	7	17.37	17.39	17.32	18.50
3	16QAM	15	0	17.20	17.49	17.30	18.50
3	64QAM	1	0	17.33	17.40	17.36	18.50
3	64QAM	1	8	17.25	17.40	17.13	18.50
3	64QAM	1	14	17.37	17.49	17.27	18.50
3	64QAM	8	0	17.12	17.40	17.26	18.50
3	64QAM	8	4	17.33	17.52	17.31	18.50
3	64QAM	8	7	17.29	17.35	17.33	18.50
3	64QAM	15	0	17.28	17.44	17.22	18.50
3	256QAM	1	0	17.29	17.42	17.25	18.50
3	256QAM	1	8	17.28	17.44	17.27	18.50
3	256QAM	1	14	17.35	17.39	17.30	18.50
3	256QAM	8	0	17.52	17.57	17.43	18.50
3	256QAM	8	4	17.25	17.42	17.27	18.50
3	256QAM	8	7	17.28	17.50	17.28	18.50
3	256QAM	15	0	17.46	17.58	17.36	18.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.47	17.50	17.51	18.50
1.4	QPSK	1	3	17.37	17.43	17.29	18.50
1.4	QPSK	1	5	17.38	17.47	17.33	18.50
1.4	QPSK	3	0	17.37	17.48	17.50	18.50
1.4	QPSK	3	1	17.37	17.40	17.26	18.50
1.4	QPSK	3	3	17.36	17.36	17.33	18.50
1.4	QPSK	6	0	17.39	17.50	17.28	18.50
1.4	16QAM	1	0	17.30	17.34	17.22	18.50
1.4	16QAM	1	3	17.29	17.48	17.37	18.50
1.4	16QAM	1	5	17.34	17.33	17.23	18.50
1.4	16QAM	3	0	17.36	17.52	17.33	18.50
1.4	16QAM	3	1	17.30	17.38	17.27	18.50
1.4	16QAM	3	3	17.35	17.42	17.35	18.50
1.4	16QAM	6	0	17.29	17.45	17.37	18.50
1.4	64QAM	1	0	17.36	17.40	17.30	18.50
1.4	64QAM	1	3	17.23	17.42	17.13	18.50
1.4	64QAM	1	5	17.35	17.45	17.32	18.50
1.4	64QAM	3	0	17.23	17.33	17.31	18.50
1.4	64QAM	3	1	17.37	17.43	17.32	18.50
1.4	64QAM	3	3	17.39	17.46	17.38	18.50
1.4	64QAM	6	0	17.28	17.32	17.32	18.50
1.4	256QAM	1	0	17.36	17.41	17.33	18.50
1.4	256QAM	1	3	17.34	17.43	17.33	18.50
1.4	256QAM	1	5	17.27	17.46	17.24	18.50
1.4	256QAM	3	0	17.51	17.59	17.51	18.50
1.4	256QAM	3	1	17.25	17.37	17.35	18.50
1.4	256QAM	3	3	17.30	17.42	17.32	18.50
1.4	256QAM	6	0	17.43	17.52	17.38	18.50



【LTE Band 4_Ant 2_ECI3】

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	18.93	18.99	18.96	19.70
20	QPSK	1	49	18.68	18.87	18.73	19.70
20	QPSK	1	99	18.73	18.87	18.74	19.70
20	QPSK	50	0	18.91	18.96	18.90	19.70
20	QPSK	50	24	18.76	18.94	18.85	19.70
20	QPSK	50	50	18.76	18.83	18.68	19.70
20	QPSK	100	0	18.91	18.94	18.92	19.70
20	16QAM	1	0	18.60	18.79	18.67	19.70
20	16QAM	1	49	18.64	18.79	18.65	19.70
20	16QAM	1	99	18.70	18.90	18.79	19.70
20	16QAM	50	0	18.69	18.81	18.75	19.70
20	16QAM	50	24	18.69	18.89	18.73	19.70
20	16QAM	50	50	18.82	18.92	18.80	19.70
20	16QAM	100	0	18.68	18.88	18.77	19.70
20	64QAM	1	0	18.77	18.87	18.74	19.70
20	64QAM	1	49	18.65	18.85	18.76	19.70
20	64QAM	1	99	18.80	18.93	18.80	19.70
20	64QAM	50	0	18.62	18.81	18.69	19.70
20	64QAM	50	24	18.68	18.85	18.69	19.70
20	64QAM	50	50	18.78	18.90	18.84	19.70
20	64QAM	100	0	18.73	18.81	18.76	19.70
20	256QAM	1	0	18.78	18.90	18.81	19.70
20	256QAM	1	49	18.72	18.87	18.70	19.70
20	256QAM	1	99	18.70	18.80	18.63	19.70
20	256QAM	50	0	18.70	18.90	18.81	19.70
20	256QAM	50	24	18.76	18.89	18.77	19.70
20	256QAM	50	50	18.71	18.88	18.76	19.70
20	256QAM	100	0	18.80	18.88	18.81	19.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.80	18.95	18.89	19.70
15	QPSK	1	37	18.65	18.81	18.66	19.70
15	QPSK	1	74	18.70	18.77	18.60	19.70
15	QPSK	36	0	18.89	18.93	18.75	19.70
15	QPSK	36	20	18.74	18.92	18.78	19.70
15	QPSK	36	39	18.75	18.73	18.66	19.70
15	QPSK	75	0	18.85	18.85	18.85	19.70
15	16QAM	1	0	18.55	18.73	18.60	19.70
15	16QAM	1	37	18.61	18.68	18.52	19.70
15	16QAM	1	74	18.59	18.81	18.65	19.70
15	16QAM	36	0	18.65	18.74	18.63	19.70
15	16QAM	36	20	18.66	18.77	18.71	19.70
15	16QAM	36	39	18.78	18.87	18.74	19.70
15	16QAM	75	0	18.62	18.83	18.65	19.70
15	64QAM	1	0	18.68	18.74	18.72	19.70
15	64QAM	1	37	18.53	18.81	18.65	19.70
15	64QAM	1	74	18.77	18.82	18.71	19.70
15	64QAM	36	0	18.49	18.75	18.62	19.70
15	64QAM	36	20	18.65	18.75	18.60	19.70
15	64QAM	36	39	18.69	18.83	18.70	19.70
15	64QAM	75	0	18.61	18.70	18.67	19.70
15	256QAM	1	0	18.66	18.83	18.72	19.70
15	256QAM	1	37	18.62	18.77	18.66	19.70
15	256QAM	1	74	18.68	18.69	18.51	19.70
15	256QAM	36	0	18.65	18.83	18.79	19.70
15	256QAM	36	20	18.69	18.78	18.69	19.70
15	256QAM	36	39	18.60	18.87	18.74	19.70
15	256QAM	75	0	18.75	18.87	18.72	19.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.86	18.86	18.92	19.70
10	QPSK	1	25	18.57	18.81	18.70	19.70
10	QPSK	1	49	18.71	18.74	18.67	19.70
10	QPSK	25	0	18.80	18.92	18.81	19.70
10	QPSK	25	12	18.62	18.79	18.80	19.70
10	QPSK	25	25	18.68	18.81	18.64	19.70
10	QPSK	50	0	18.83	18.84	18.90	19.70
10	16QAM	1	0	18.55	18.67	18.61	19.70
10	16QAM	1	25	18.50	18.66	18.61	19.70
10	16QAM	1	49	18.68	18.80	18.74	19.70
10	16QAM	25	0	18.56	18.76	18.61	19.70



10	16QAM	25	12	18.67	18.86	18.60	19.70
10	16QAM	25	25	18.76	18.88	18.66	19.70
10	16QAM	50	0	18.55	18.79	18.68	19.70
10	64QAM	1	0	18.70	18.72	18.72	19.70
10	64QAM	1	25	18.64	18.76	18.65	19.70
10	64QAM	1	49	18.76	18.83	18.69	19.70
10	64QAM	25	0	18.56	18.74	18.56	19.70
10	64QAM	25	12	18.64	18.73	18.63	19.70
10	64QAM	25	25	18.67	18.81	18.78	19.70
10	64QAM	50	0	18.69	18.73	18.62	19.70
10	256QAM	1	0	18.70	18.78	18.75	19.70
10	256QAM	1	25	18.66	18.74	18.61	19.70
10	256QAM	1	49	18.62	18.76	18.53	19.70
10	256QAM	25	0	18.63	18.83	18.77	19.70
10	256QAM	25	12	18.68	18.79	18.68	19.70
10	256QAM	25	25	18.69	18.84	18.73	19.70
10	256QAM	50	0	18.78	18.84	18.72	19.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.90	18.98	18.87	19.70
5	QPSK	1	12	18.53	18.77	18.65	19.70
5	QPSK	1	24	18.62	18.78	18.60	19.70
5	QPSK	12	0	18.88	18.86	18.88	19.70
5	QPSK	12	7	18.69	18.87	18.75	19.70
5	QPSK	12	13	18.63	18.71	18.54	19.70
5	QPSK	25	0	18.84	18.83	18.77	19.70
5	16QAM	1	0	18.58	18.66	18.58	19.70
5	16QAM	1	12	18.54	18.77	18.55	19.70
5	16QAM	1	24	18.65	18.83	18.74	19.70
5	16QAM	12	0	18.61	18.69	18.68	19.70
5	16QAM	12	7	18.63	18.83	18.64	19.70
5	16QAM	12	13	18.75	18.82	18.68	19.70
5	16QAM	25	0	18.66	18.80	18.69	19.70
5	64QAM	1	0	18.64	18.82	18.60	19.70
5	64QAM	1	12	18.51	18.74	18.63	19.70
5	64QAM	1	24	18.66	18.91	18.70	19.70
5	64QAM	12	0	18.54	18.73	18.65	19.70
5	64QAM	12	7	18.65	18.83	18.59	19.70
5	64QAM	12	13	18.65	18.80	18.75	19.70
5	64QAM	25	0	18.62	18.73	18.69	19.70
5	256QAM	1	0	18.63	18.85	18.75	19.70
5	256QAM	1	12	18.65	18.84	18.59	19.70
5	256QAM	1	24	18.61	18.74	18.49	19.70
5	256QAM	12	0	18.56	18.75	18.72	19.70
5	256QAM	12	7	18.61	18.87	18.70	19.70
5	256QAM	12	13	18.56	18.81	18.70	19.70
5	256QAM	25	0	18.77	18.86	18.78	19.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.90	18.93	18.89	19.70
3	QPSK	1	8	18.55	18.80	18.67	19.70
3	QPSK	1	14	18.69	18.78	18.60	19.70
3	QPSK	8	0	18.81	18.94	18.77	19.70
3	QPSK	8	4	18.69	18.82	18.81	19.70
3	QPSK	8	7	18.70	18.76	18.56	19.70
3	QPSK	15	0	18.82	18.83	18.85	19.70
3	16QAM	1	0	18.48	18.66	18.52	19.70
3	16QAM	1	8	18.50	18.72	18.59	19.70
3	16QAM	1	14	18.64	18.85	18.67	19.70
3	16QAM	8	0	18.58	18.79	18.65	19.70
3	16QAM	8	4	18.67	18.75	18.65	19.70
3	16QAM	8	7	18.70	18.82	18.72	19.70
3	16QAM	15	0	18.65	18.82	18.72	19.70
3	64QAM	1	0	18.62	18.78	18.60	19.70
3	64QAM	1	8	18.51	18.78	18.69	19.70
3	64QAM	1	14	18.74	18.87	18.78	19.70
3	64QAM	8	0	18.55	18.76	18.61	19.70
3	64QAM	8	4	18.56	18.73	18.58	19.70
3	64QAM	8	7	18.67	18.86	18.78	19.70
3	64QAM	15	0	18.63	18.78	18.73	19.70
3	256QAM	1	0	18.70	18.80	18.79	19.70
3	256QAM	1	8	18.61	18.74	18.57	19.70
3	256QAM	1	14	18.62	18.77	18.59	19.70
3	256QAM	8	0	18.59	18.86	18.71	19.70
3	256QAM	8	4	18.65	18.78	18.65	19.70
3	256QAM	8	7	18.69	18.87	18.72	19.70
3	256QAM	15	0	18.71	18.81	18.68	19.70
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	18.82	18.88	18.84	19.70
1.4	QPSK	1	3	18.59	18.81	18.70	19.70
1.4	QPSK	1	5	18.70	18.81	18.67	19.70
1.4	QPSK	3	0	18.77	18.93	18.84	19.70
1.4	QPSK	3	1	18.65	18.81	18.75	19.70
1.4	QPSK	3	3	18.68	18.78	18.59	19.70
1.4	QPSK	6	0	18.76	18.87	18.82	19.70
1.4	16QAM	1	0	18.52	18.74	18.59	19.70
1.4	16QAM	1	3	18.51	18.75	18.63	19.70
1.4	16QAM	1	5	18.62	18.79	18.75	19.70
1.4	16QAM	3	0	18.67	18.77	18.72	19.70
1.4	16QAM	3	1	18.67	18.79	18.67	19.70
1.4	16QAM	3	3	18.80	18.86	18.74	19.70
1.4	16QAM	6	0	18.56	18.85	18.66	19.70
1.4	64QAM	1	0	18.68	18.78	18.61	19.70
1.4	64QAM	1	3	18.57	18.74	18.74	19.70
1.4	64QAM	1	5	18.75	18.79	18.76	19.70
1.4	64QAM	3	0	18.48	18.74	18.58	19.70
1.4	64QAM	3	1	18.59	18.74	18.56	19.70
1.4	64QAM	3	3	18.66	18.78	18.74	19.70
1.4	64QAM	6	0	18.63	18.67	18.68	19.70
1.4	256QAM	1	0	18.69	18.79	18.80	19.70
1.4	256QAM	1	3	18.60	18.76	18.62	19.70
1.4	256QAM	1	5	18.62	18.68	18.49	19.70
1.4	256QAM	3	0	18.58	18.85	18.70	19.70
1.4	256QAM	3	1	18.63	18.83	18.67	19.70
1.4	256QAM	3	3	18.69	18.86	18.70	19.70
1.4	256QAM	6	0	18.67	18.79	18.76	19.70

【LTE Band 4_Ant 2_ECI3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.81	18.88	18.83	19.70
20	QPSK	1	49	18.47	18.66	18.56	19.70
20	QPSK	1	99	18.47	18.68	18.52	19.70
20	QPSK	50	0	18.76	18.80	18.77	19.70
20	QPSK	50	24	18.58	18.66	18.58	19.70
20	QPSK	50	50	18.53	18.74	18.56	19.70
20	QPSK	100	0	18.73	18.82	18.75	19.70
20	16QAM	1	0	18.64	18.75	18.56	19.70
20	16QAM	1	49	18.45	18.66	18.56	19.70
20	16QAM	1	99	18.51	18.70	18.59	19.70
20	16QAM	50	0	18.55	18.65	18.53	19.70
20	16QAM	50	24	18.50	18.64	18.56	19.70
20	16QAM	50	50	18.33	18.55	18.37	19.70
20	16QAM	100	0	18.49	18.66	18.55	19.70
20	64QAM	1	0	18.58	18.77	18.68	19.70
20	64QAM	1	49	18.62	18.75	18.60	19.70
20	64QAM	1	99	18.48	18.61	18.50	19.70
20	64QAM	50	0	18.48	18.60	18.46	19.70
20	64QAM	50	24	18.52	18.64	18.56	19.70
20	64QAM	50	50	18.49	18.65	18.50	19.70
20	64QAM	100	0	18.36	18.55	18.37	19.70
20	256QAM	1	0	18.44	18.59	18.39	19.70
20	256QAM	1	49	18.47	18.58	18.52	19.70
20	256QAM	1	99	18.57	18.68	18.50	19.70
20	256QAM	50	0	18.55	18.77	18.66	19.70
20	256QAM	50	24	18.58	18.72	18.60	19.70
20	256QAM	50	50	18.52	18.61	18.48	19.70
20	256QAM	100	0	18.44	18.66	18.57	19.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.71	18.81	18.75	19.70
15	QPSK	1	37	18.34	18.53	18.55	19.70
15	QPSK	1	74	18.37	18.66	18.40	19.70
15	QPSK	36	0	18.74	18.74	18.76	19.70
15	QPSK	36	20	18.48	18.61	18.45	19.70
15	QPSK	36	39	18.39	18.67	18.43	19.70
15	QPSK	75	0	18.68	18.69	18.68	19.70



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15	16QAM	1	0	18.61	18.69	18.42	19.70
15	16QAM	1	37	18.42	18.60	18.44	19.70
15	16QAM	1	74	18.49	18.55	18.45	19.70
15	16QAM	36	0	18.45	18.56	18.41	19.70
15	16QAM	36	20	18.43	18.49	18.51	19.70
15	16QAM	36	39	18.31	18.50	18.30	19.70
15	16QAM	75	0	18.41	18.62	18.43	19.70
15	64QAM	1	0	18.44	18.63	18.62	19.70
15	64QAM	1	37	18.51	18.64	18.46	19.70
15	64QAM	1	74	18.43	18.47	18.38	19.70
15	64QAM	36	0	18.36	18.56	18.45	19.70
15	64QAM	36	20	18.43	18.49	18.46	19.70
15	64QAM	36	39	18.39	18.55	18.42	19.70
15	64QAM	75	0	18.31	18.41	18.30	19.70
15	256QAM	1	0	18.38	18.58	18.35	19.70
15	256QAM	1	37	18.46	18.54	18.48	19.70
15	256QAM	1	74	18.52	18.60	18.45	19.70
15	256QAM	36	0	18.42	18.75	18.53	19.70
15	256QAM	36	20	18.50	18.68	18.58	19.70
15	256QAM	36	39	18.49	18.50	18.35	19.70
15	256QAM	75	0	18.32	18.58	18.44	19.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	18.78	18.75	18.80	19.70
10	QPSK	1	25	18.43	18.63	18.53	19.70
10	QPSK	1	49	18.44	18.64	18.39	19.70
10	QPSK	25	0	18.66	18.65	18.71	19.70
10	QPSK	25	12	18.49	18.57	18.48	19.70
10	QPSK	25	25	18.49	18.63	18.52	19.70
10	QPSK	50	0	18.71	18.69	18.65	19.70
10	16QAM	1	0	18.54	18.66	18.49	19.70
10	16QAM	1	25	18.30	18.54	18.49	19.70
10	16QAM	1	49	18.43	18.56	18.51	19.70
10	16QAM	25	0	18.44	18.53	18.48	19.70
10	16QAM	25	12	18.42	18.50	18.42	19.70
10	16QAM	25	25	18.30	18.42	18.30	19.70
10	16QAM	50	0	18.36	18.61	18.44	19.70
10	64QAM	1	0	18.51	18.69	18.59	19.70
10	64QAM	1	25	18.52	18.73	18.55	19.70
10	64QAM	1	49	18.44	18.57	18.48	19.70
10	64QAM	25	0	18.35	18.50	18.35	19.70
10	64QAM	25	12	18.41	18.52	18.55	19.70
10	64QAM	25	25	18.42	18.56	18.36	19.70
10	64QAM	50	0	18.30	18.41	18.30	19.70
10	256QAM	1	0	18.37	18.53	18.38	19.70
10	256QAM	1	25	18.36	18.46	18.43	19.70
10	256QAM	1	49	18.54	18.58	18.46	19.70
10	256QAM	25	0	18.40	18.71	18.57	19.70
10	256QAM	25	12	18.45	18.61	18.53	19.70
10	256QAM	25	25	18.44	18.47	18.40	19.70
10	256QAM	50	0	18.36	18.60	18.54	19.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	18.77	18.85	18.70	19.70
5	QPSK	1	12	18.38	18.57	18.45	19.70
5	QPSK	1	24	18.34	18.64	18.50	19.70
5	QPSK	12	0	18.72	18.65	18.74	19.70
5	QPSK	12	7	18.54	18.64	18.51	19.70
5	QPSK	12	13	18.46	18.62	18.41	19.70
5	QPSK	25	0	18.65	18.72	18.65	19.70
5	16QAM	1	0	18.51	18.64	18.50	19.70
5	16QAM	1	12	18.32	18.58	18.54	19.70
5	16QAM	1	24	18.44	18.55	18.44	19.70
5	16QAM	12	0	18.47	18.60	18.50	19.70
5	16QAM	12	7	18.39	18.50	18.43	19.70
5	16QAM	12	13	18.31	18.48	18.30	19.70
5	16QAM	25	0	18.43	18.56	18.54	19.70
5	64QAM	1	0	18.49	18.63	18.62	19.70
5	64QAM	1	12	18.49	18.73	18.49	19.70
5	64QAM	1	24	18.34	18.47	18.36	19.70
5	64QAM	12	0	18.40	18.53	18.35	19.70
5	64QAM	12	7	18.51	18.57	18.50	19.70
5	64QAM	12	13	18.42	18.61	18.39	19.70
5	64QAM	25	0	18.30	18.48	18.33	19.70
5	256QAM	1	0	18.42	18.56	18.30	19.70
5	256QAM	1	12	18.45	18.46	18.44	19.70
5	256QAM	1	24	18.49	18.64	18.46	19.70
5	256QAM	12	0	18.49	18.71	18.64	19.70



5	256QAM	12	7	18.51	18.62	18.59	19.70
5	256QAM	12	13	18.41	18.58	18.35	19.70
5	256QAM	25	0	18.34	18.63	18.50	19.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.66	18.77	18.72	19.70
3	QPSK	1	8	18.42	18.60	18.47	19.70
3	QPSK	1	14	18.43	18.59	18.48	19.70
3	QPSK	8	0	18.72	18.67	18.69	19.70
3	QPSK	8	4	18.50	18.53	18.45	19.70
3	QPSK	8	7	18.39	18.62	18.51	19.70
3	QPSK	15	0	18.60	18.71	18.64	19.70
3	16QAM	1	0	18.49	18.66	18.49	19.70
3	16QAM	1	8	18.38	18.65	18.45	19.70
3	16QAM	1	14	18.49	18.65	18.49	19.70
3	16QAM	8	0	18.45	18.52	18.41	19.70
3	16QAM	8	4	18.38	18.60	18.53	19.70
3	16QAM	8	7	18.31	18.42	18.32	19.70
3	16QAM	15	0	18.41	18.55	18.42	19.70
3	64QAM	1	0	18.49	18.64	18.56	19.70
3	64QAM	1	8	18.54	18.66	18.46	19.70
3	64QAM	1	14	18.40	18.55	18.35	19.70
3	64QAM	8	0	18.35	18.53	18.43	19.70
3	64QAM	8	4	18.49	18.52	18.44	19.70
3	64QAM	8	7	18.43	18.54	18.45	19.70
3	64QAM	15	0	18.30	18.43	18.30	19.70
3	256QAM	1	0	18.39	18.54	18.38	19.70
3	256QAM	1	8	18.43	18.52	18.41	19.70
3	256QAM	1	14	18.49	18.67	18.44	19.70
3	256QAM	8	0	18.40	18.65	18.56	19.70
3	256QAM	8	4	18.45	18.67	18.45	19.70
3	256QAM	8	7	18.47	18.47	18.46	19.70
3	256QAM	15	0	18.30	18.56	18.44	19.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.69	18.75	18.70	19.70
1.4	QPSK	1	3	18.39	18.51	18.54	19.70
1.4	QPSK	1	5	18.38	18.55	18.50	19.70
1.4	QPSK	3	0	18.71	18.68	18.75	19.70
1.4	QPSK	3	1	18.53	18.58	18.54	19.70
1.4	QPSK	3	3	18.48	18.71	18.46	19.70
1.4	QPSK	6	0	18.63	18.80	18.72	19.70
1.4	16QAM	1	0	18.63	18.73	18.43	19.70
1.4	16QAM	1	3	18.38	18.53	18.46	19.70
1.4	16QAM	1	5	18.40	18.62	18.48	19.70
1.4	16QAM	3	0	18.43	18.52	18.47	19.70
1.4	16QAM	3	1	18.41	18.49	18.51	19.70
1.4	16QAM	3	3	18.31	18.44	18.34	19.70
1.4	16QAM	6	0	18.36	18.52	18.43	19.70
1.4	64QAM	1	0	18.56	18.67	18.54	19.70
1.4	64QAM	1	3	18.55	18.61	18.56	19.70
1.4	64QAM	1	5	18.42	18.56	18.47	19.70
1.4	64QAM	3	0	18.35	18.48	18.44	19.70
1.4	64QAM	3	1	18.40	18.55	18.53	19.70
1.4	64QAM	3	3	18.41	18.63	18.45	19.70
1.4	64QAM	6	0	18.30	18.50	18.35	19.70
1.4	256QAM	1	0	18.34	18.44	18.31	19.70
1.4	256QAM	1	3	18.42	18.45	18.49	19.70
1.4	256QAM	1	5	18.56	18.65	18.47	19.70
1.4	256QAM	3	0	18.49	18.76	18.55	19.70
1.4	256QAM	3	1	18.53	18.68	18.47	19.70
1.4	256QAM	3	3	18.44	18.52	18.45	19.70
1.4	256QAM	6	0	18.32	18.65	18.52	19.70

【LTE Band 4_Ant 2_ECI3-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.02	19.06	19.03	20.00
20	QPSK	1	49	18.81	18.96	18.78	20.00
20	QPSK	1	99	18.85	19.02	18.86	20.00
20	QPSK	50	0	18.98	19.03	18.99	20.00
20	QPSK	50	24	18.93	19.01	18.97	20.00
20	QPSK	50	50	18.87	18.95	18.90	20.00
20	QPSK	100	0	18.94	18.98	18.92	20.00
20	16QAM	1	0	18.85	19.02	18.85	20.00
20	16QAM	1	49	18.80	18.96	18.85	20.00
20	16QAM	1	99	18.93	19.01	18.89	20.00
20	16QAM	50	0	18.82	18.91	18.87	20.00
20	16QAM	50	24	18.87	19.00	18.92	20.00
20	16QAM	50	50	18.77	18.91	18.74	20.00
20	16QAM	100	0	18.80	18.93	18.76	20.00
20	64QAM	1	0	18.94	19.00	18.91	20.00
20	64QAM	1	49	18.97	19.03	18.89	20.00
20	64QAM	1	99	18.85	19.02	18.88	20.00
20	64QAM	50	0	18.81	18.94	18.81	20.00
20	64QAM	50	24	18.87	18.97	18.82	20.00
20	64QAM	50	50	18.89	19.03	18.92	20.00
20	64QAM	100	0	18.84	18.93	18.87	20.00
20	256QAM	1	0	18.69	18.87	18.79	20.00
20	256QAM	1	49	18.82	18.98	18.93	20.00
20	256QAM	1	99	18.80	18.93	18.79	20.00
20	256QAM	50	0	18.85	19.00	18.89	20.00
20	256QAM	50	24	18.78	18.93	18.82	20.00
20	256QAM	50	50	18.87	18.98	18.94	20.00
20	256QAM	100	0	18.79	18.89	18.73	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.99	18.92	18.90	20.00
15	QPSK	1	37	18.78	18.89	18.64	20.00
15	QPSK	1	74	18.81	18.95	18.82	20.00
15	QPSK	36	0	18.85	18.94	18.92	20.00
15	QPSK	36	20	18.87	18.93	18.89	20.00
15	QPSK	36	39	18.77	18.88	18.84	20.00
15	QPSK	75	0	18.91	18.86	18.81	20.00
15	16QAM	1	0	18.72	18.97	18.78	20.00
15	16QAM	1	37	18.69	18.82	18.73	20.00
15	16QAM	1	74	18.91	18.96	18.77	20.00
15	16QAM	36	0	18.72	18.78	18.84	20.00
15	16QAM	36	20	18.78	18.94	18.84	20.00
15	16QAM	36	39	18.62	18.86	18.59	20.00
15	16QAM	75	0	18.67	18.92	18.72	20.00
15	64QAM	1	0	18.80	18.88	18.79	20.00
15	64QAM	1	37	18.93	19.00	18.82	20.00
15	64QAM	1	74	18.76	18.97	18.80	20.00
15	64QAM	36	0	18.69	18.89	18.70	20.00
15	64QAM	36	20	18.80	18.82	18.81	20.00
15	64QAM	36	39	18.75	19.00	18.86	20.00
15	64QAM	75	0	18.73	18.83	18.72	20.00
15	256QAM	1	0	18.64	18.78	18.70	20.00
15	256QAM	1	37	18.68	18.88	18.88	20.00
15	256QAM	1	74	18.69	18.91	18.67	20.00
15	256QAM	36	0	18.78	18.94	18.75	20.00
15	256QAM	36	20	18.75	18.83	18.67	20.00
15	256QAM	36	39	18.74	18.84	18.87	20.00
15	256QAM	75	0	18.65	18.84	18.71	20.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.97	19.00	18.89	20.00
10	QPSK	1	25	18.76	18.85	18.67	20.00
10	QPSK	1	49	18.73	18.87	18.74	20.00
10	QPSK	25	0	18.91	18.97	18.94	20.00
10	QPSK	25	12	18.79	18.93	18.95	20.00
10	QPSK	25	25	18.73	18.87	18.87	20.00
10	QPSK	50	0	18.81	18.84	18.88	20.00
10	16QAM	1	0	18.83	19.00	18.81	20.00
10	16QAM	1	25	18.76	18.94	18.80	20.00
10	16QAM	1	49	18.81	19.00	18.85	20.00
10	16QAM	25	0	18.79	18.79	18.83	20.00



10	16QAM	25	12	18.79	18.86	18.79	20.00
10	16QAM	25	25	18.71	18.81	18.70	20.00
10	16QAM	50	0	18.72	18.84	18.69	20.00
10	64QAM	1	0	18.88	18.91	18.80	20.00
10	64QAM	1	25	18.91	18.95	18.78	20.00
10	64QAM	1	49	18.83	18.94	18.85	20.00
10	64QAM	25	0	18.67	18.80	18.70	20.00
10	64QAM	25	12	18.73	18.93	18.69	20.00
10	64QAM	25	25	18.86	18.96	18.77	20.00
10	64QAM	50	0	18.71	18.85	18.73	20.00
10	256QAM	1	0	18.63	18.81	18.71	20.00
10	256QAM	1	25	18.76	18.86	18.90	20.00
10	256QAM	1	49	18.65	18.80	18.74	20.00
10	256QAM	25	0	18.72	18.96	18.87	20.00
10	256QAM	25	12	18.74	18.79	18.73	20.00
10	256QAM	25	25	18.74	18.89	18.87	20.00
10	256QAM	50	0	18.74	18.81	18.65	20.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.94	18.97	18.94	20.00
5	QPSK	1	12	18.71	18.93	18.73	20.00
5	QPSK	1	24	18.81	18.90	18.80	20.00
5	QPSK	12	0	18.91	19.00	18.92	20.00
5	QPSK	12	7	18.84	18.88	18.91	20.00
5	QPSK	12	13	18.85	18.84	18.89	20.00
5	QPSK	25	0	18.85	18.93	18.87	20.00
5	16QAM	1	0	18.71	18.99	18.77	20.00
5	16QAM	1	12	18.73	18.91	18.72	20.00
5	16QAM	1	24	18.89	18.95	18.81	20.00
5	16QAM	12	0	18.80	18.89	18.80	20.00
5	16QAM	12	7	18.78	18.87	18.78	20.00
5	16QAM	12	13	18.70	18.89	18.69	20.00
5	16QAM	25	0	18.76	18.87	18.74	20.00
5	64QAM	1	0	18.80	18.89	18.79	20.00
5	64QAM	1	12	18.84	19.00	18.84	20.00
5	64QAM	1	24	18.76	19.00	18.86	20.00
5	64QAM	12	0	18.67	18.85	18.76	20.00
5	64QAM	12	7	18.74	18.82	18.74	20.00
5	64QAM	12	13	18.79	18.89	18.90	20.00
5	64QAM	25	0	18.73	18.81	18.83	20.00
5	256QAM	1	0	18.58	18.82	18.71	20.00
5	256QAM	1	12	18.77	18.89	18.90	20.00
5	256QAM	1	24	18.65	18.84	18.71	20.00
5	256QAM	12	0	18.77	18.86	18.79	20.00
5	256QAM	12	7	18.75	18.85	18.68	20.00
5	256QAM	12	13	18.83	18.89	18.93	20.00
5	256QAM	25	0	18.69	18.78	18.63	20.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.96	19.04	18.89	20.00
3	QPSK	1	8	18.78	18.93	18.71	20.00
3	QPSK	1	14	18.78	18.93	18.78	20.00
3	QPSK	8	0	18.89	18.97	18.93	20.00
3	QPSK	8	4	18.90	18.93	18.94	20.00
3	QPSK	8	7	18.79	18.91	18.75	20.00
3	QPSK	15	0	18.79	18.87	18.84	20.00
3	16QAM	1	0	18.78	18.97	18.82	20.00
3	16QAM	1	8	18.67	18.81	18.83	20.00
3	16QAM	1	14	18.78	18.99	18.76	20.00
3	16QAM	8	0	18.79	18.80	18.81	20.00
3	16QAM	8	4	18.76	18.88	18.77	20.00
3	16QAM	8	7	18.70	18.83	18.73	20.00
3	16QAM	15	0	18.72	18.91	18.74	20.00
3	64QAM	1	0	18.86	18.96	18.80	20.00
3	64QAM	1	8	18.88	18.93	18.87	20.00
3	64QAM	1	14	18.78	18.92	18.85	20.00
3	64QAM	8	0	18.76	18.91	18.80	20.00
3	64QAM	8	4	18.85	18.92	18.74	20.00
3	64QAM	8	7	18.84	18.97	18.88	20.00
3	64QAM	15	0	18.76	18.90	18.78	20.00
3	256QAM	1	0	18.62	18.85	18.70	20.00
3	256QAM	1	8	18.74	18.97	18.89	20.00
3	256QAM	1	14	18.75	18.84	18.69	20.00
3	256QAM	8	0	18.78	18.91	18.81	20.00
3	256QAM	8	4	18.68	18.82	18.74	20.00
3	256QAM	8	7	18.84	18.93	18.90	20.00
3	256QAM	15	0	18.67	18.78	18.67	20.00
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	18.96	18.96	19.00	20.00
1.4	QPSK	1	3	18.73	18.84	18.71	20.00
1.4	QPSK	1	5	18.73	18.91	18.77	20.00
1.4	QPSK	3	0	18.88	18.89	18.91	20.00
1.4	QPSK	3	1	18.80	18.87	18.86	20.00
1.4	QPSK	3	3	18.83	18.87	18.82	20.00
1.4	QPSK	6	0	18.90	18.94	18.78	20.00
1.4	16QAM	1	0	18.75	18.95	18.84	20.00
1.4	16QAM	1	3	18.78	18.93	18.78	20.00
1.4	16QAM	1	5	18.81	18.97	18.81	20.00
1.4	16QAM	3	0	18.77	18.89	18.82	20.00
1.4	16QAM	3	1	18.79	18.99	18.91	20.00
1.4	16QAM	3	3	18.64	18.87	18.69	20.00
1.4	16QAM	6	0	18.74	18.81	18.64	20.00
1.4	64QAM	1	0	18.83	18.89	18.86	20.00
1.4	64QAM	1	3	18.94	18.97	18.81	20.00
1.4	64QAM	1	5	18.71	18.99	18.76	20.00
1.4	64QAM	3	0	18.66	18.81	18.76	20.00
1.4	64QAM	3	1	18.79	18.85	18.77	20.00
1.4	64QAM	3	3	18.77	18.96	18.80	20.00
1.4	64QAM	6	0	18.81	18.92	18.74	20.00
1.4	256QAM	1	0	18.64	18.75	18.68	20.00
1.4	256QAM	1	3	18.72	18.90	18.83	20.00
1.4	256QAM	1	5	18.68	18.92	18.76	20.00
1.4	256QAM	3	0	18.84	18.86	18.85	20.00
1.4	256QAM	3	1	18.72	18.79	18.69	20.00
1.4	256QAM	3	3	18.82	18.88	18.93	20.00
1.4	256QAM	6	0	18.78	18.81	18.62	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	25.11	25.17	25.08	25.70
20	QPSK	1	49	24.94	25.12	24.98	25.70
20	QPSK	1	99	25.05	25.16	24.99	25.70
20	QPSK	50	0	24.13	24.24	24.10	24.70
20	QPSK	50	24	24.11	24.21	24.08	24.70
20	QPSK	50	50	24.12	24.20	24.06	24.70
20	QPSK	100	0	24.06	24.21	24.00	24.70
20	16QAM	1	0	24.18	24.39	24.23	24.70
20	16QAM	1	49	24.26	24.34	24.19	24.70
20	16QAM	1	99	24.31	24.43	24.28	24.70
20	16QAM	50	0	23.06	23.19	23.02	23.70
20	16QAM	50	24	22.97	23.16	22.93	23.70
20	16QAM	50	50	23.08	23.20	23.01	23.70
20	16QAM	100	0	23.02	23.17	22.95	23.70
20	64QAM	1	0	23.18	23.32	23.19	23.70
20	64QAM	1	49	23.14	23.24	23.09	23.70
20	64QAM	1	99	23.12	23.31	23.14	23.70
20	64QAM	50	0	22.01	22.18	22.02	22.70
20	64QAM	50	24	22.07	22.18	22.08	22.70
20	64QAM	50	50	21.99	22.19	22.06	22.70
20	64QAM	100	0	22.06	22.18	22.01	22.70
20	256QAM	1	0	20.06	20.25	20.12	20.70
20	256QAM	1	49	20.14	20.24	20.11	20.70
20	256QAM	1	99	20.15	20.33	20.13	20.70
20	256QAM	50	0	20.07	20.16	20.05	20.70
20	256QAM	50	24	20.06	20.15	19.96	20.70
20	256QAM	50	50	19.98	20.17	20.02	20.70
20	256QAM	100	0	20.07	20.18	20.02	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.06	25.08	24.96	25.70
15	QPSK	1	37	24.85	25.01	24.86	25.70
15	QPSK	1	74	24.93	25.09	24.87	25.70
15	QPSK	36	0	24.02	24.21	23.93	24.70
15	QPSK	36	20	24.05	24.19	24.03	24.70
15	QPSK	36	39	24.03	24.09	24.03	24.70
15	QPSK	75	0	23.92	24.14	23.98	24.70



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15	16QAM	1	0	24.07	24.26	24.14	24.70
15	16QAM	1	37	24.14	24.20	24.13	24.70
15	16QAM	1	74	24.20	24.31	24.21	24.70
15	16QAM	36	0	22.96	23.15	22.90	23.70
15	16QAM	36	20	22.85	23.06	22.92	23.70
15	16QAM	36	39	22.94	23.15	22.99	23.70
15	16QAM	75	0	22.87	23.02	22.85	23.70
15	64QAM	1	0	23.06	23.18	23.06	23.70
15	64QAM	1	37	23.09	23.20	23.07	23.70
15	64QAM	1	74	23.04	23.26	23.04	23.70
15	64QAM	36	0	21.87	22.13	21.99	22.70
15	64QAM	36	20	21.94	22.10	21.94	22.70
15	64QAM	36	39	21.94	22.05	21.91	22.70
15	64QAM	75	0	21.99	22.03	21.96	22.70
15	256QAM	1	0	19.98	20.22	20.08	20.70
15	256QAM	1	37	20.11	20.17	20.02	20.70
15	256QAM	1	74	20.12	20.26	19.99	20.70
15	256QAM	36	0	20.02	20.10	19.96	20.70
15	256QAM	36	20	20.03	20.09	19.88	20.70
15	256QAM	36	39	19.89	20.03	19.93	20.70
15	256QAM	75	0	19.97	20.11	19.93	20.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	24.97	25.08	25.07	25.70
10	QPSK	1	25	24.84	25.07	24.89	25.70
10	QPSK	1	49	24.95	25.14	24.97	25.70
10	QPSK	25	0	24.08	24.10	24.02	24.70
10	QPSK	25	12	24.07	24.10	23.98	24.70
10	QPSK	25	25	24.06	24.06	24.04	24.70
10	QPSK	50	0	24.00	24.09	23.90	24.70
10	16QAM	1	0	24.17	24.30	24.21	24.70
10	16QAM	1	25	24.25	24.22	24.10	24.70
10	16QAM	1	49	24.19	24.41	24.23	24.70
10	16QAM	25	0	22.98	23.07	23.00	23.70
10	16QAM	25	12	22.91	23.15	22.85	23.70
10	16QAM	25	25	22.99	23.06	22.90	23.70
10	16QAM	50	0	22.99	23.04	22.94	23.70
10	64QAM	1	0	23.13	23.29	23.07	23.70
10	64QAM	1	25	22.99	23.17	22.98	23.70
10	64QAM	1	49	23.11	23.19	22.99	23.70
10	64QAM	25	0	21.88	22.15	21.93	22.70
10	64QAM	25	12	21.95	22.13	22.06	22.70
10	64QAM	25	25	21.84	22.14	22.02	22.70
10	64QAM	50	0	22.01	22.04	21.97	22.70
10	256QAM	1	0	19.96	20.15	19.99	20.70
10	256QAM	1	25	20.08	20.21	20.06	20.70
10	256QAM	1	49	20.14	20.23	20.08	20.70
10	256QAM	25	0	19.97	20.04	19.92	20.70
10	256QAM	25	12	19.92	20.00	19.94	20.70
10	256QAM	25	25	19.91	20.06	19.93	20.70
10	256QAM	50	0	20.04	20.11	19.91	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.99	25.06	25.00	25.70
5	QPSK	1	12	24.80	25.06	24.95	25.70
5	QPSK	1	24	24.99	25.13	24.97	25.70
5	QPSK	12	0	24.08	24.11	24.02	24.70
5	QPSK	12	7	24.02	24.11	24.03	24.70
5	QPSK	12	13	23.98	24.09	23.92	24.70
5	QPSK	25	0	24.04	24.07	23.91	24.70
5	16QAM	1	0	24.12	24.38	24.15	24.70
5	16QAM	1	12	24.16	24.23	24.08	24.70
5	16QAM	1	24	24.18	24.33	24.15	24.70
5	16QAM	12	0	23.03	23.11	23.00	23.70
5	16QAM	12	7	22.95	23.06	22.88	23.70
5	16QAM	12	13	23.01	23.16	22.94	23.70
5	16QAM	25	0	22.96	23.03	22.92	23.70
5	64QAM	1	0	23.14	23.19	23.09	23.70
5	64QAM	1	12	23.03	23.12	22.98	23.70
5	64QAM	1	24	23.03	23.29	23.00	23.70
5	64QAM	12	0	21.90	22.07	21.97	22.70
5	64QAM	12	7	22.04	22.12	22.06	22.70
5	64QAM	12	13	21.85	22.10	22.02	22.70
5	64QAM	25	0	22.00	22.10	22.00	22.70
5	256QAM	1	0	19.98	20.22	19.97	20.70
5	256QAM	1	12	20.05	20.21	20.05	20.70
5	256QAM	1	24	20.01	20.20	20.04	20.70
5	256QAM	12	0	20.02	20.10	19.90	20.70



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5	256QAM	12	7	20.02	20.12	19.87	20.70
5	256QAM	12	13	19.83	20.09	20.01	20.70
5	256QAM	25	0	19.97	20.10	19.97	20.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	25.04	25.04	24.96	25.70
3	QPSK	1	8	24.88	25.03	24.86	25.70
3	QPSK	1	14	24.95	25.02	24.89	25.70
3	QPSK	8	0	24.03	24.14	23.89	24.70
3	QPSK	8	4	24.00	24.17	24.02	24.70
3	QPSK	8	7	24.05	24.14	23.92	24.70
3	QPSK	15	0	23.92	24.15	23.88	24.70
3	16QAM	1	0	24.08	24.34	24.13	24.70
3	16QAM	1	8	24.11	24.25	24.11	24.70
3	16QAM	1	14	24.19	24.33	24.22	24.70
3	16QAM	8	0	23.05	23.17	22.98	23.70
3	16QAM	8	4	22.86	23.13	22.80	23.70
3	16QAM	8	7	23.05	23.16	22.86	23.70
3	16QAM	15	0	22.89	23.12	22.86	23.70
3	64QAM	1	0	23.08	23.20	23.16	23.70
3	64QAM	1	8	23.05	23.22	22.99	23.70
3	64QAM	1	14	23.10	23.17	23.09	23.70
3	64QAM	8	0	21.88	22.14	21.90	22.70
3	64QAM	8	4	22.04	22.08	22.00	22.70
3	64QAM	8	7	21.90	22.07	21.91	22.70
3	64QAM	15	0	21.98	22.04	21.89	22.70
3	256QAM	1	0	20.02	20.23	20.03	20.70
3	256QAM	1	8	20.04	20.10	19.97	20.70
3	256QAM	1	14	20.07	20.22	20.04	20.70
3	256QAM	8	0	20.02	20.01	19.95	20.70
3	256QAM	8	4	19.96	20.09	19.82	20.70
3	256QAM	8	7	19.85	20.03	19.89	20.70
3	256QAM	15	0	20.02	20.09	19.90	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	25.06	25.12	24.94	25.70
1.4	QPSK	1	3	24.81	25.10	24.85	25.70
1.4	QPSK	1	5	24.96	25.05	24.94	25.70
1.4	QPSK	3	0	25.02	25.14	24.94	25.70
1.4	QPSK	3	1	25.01	25.11	24.97	25.70
1.4	QPSK	3	3	24.99	25.19	25.04	25.70
1.4	QPSK	6	0	23.97	24.15	23.91	24.70
1.4	16QAM	1	0	24.04	24.29	24.12	24.70
1.4	16QAM	1	3	24.24	24.26	24.09	24.70
1.4	16QAM	1	5	24.26	24.32	24.15	24.70
1.4	16QAM	3	0	24.04	24.14	23.93	24.70
1.4	16QAM	3	1	23.87	24.04	23.85	24.70
1.4	16QAM	3	3	23.93	24.12	23.87	24.70
1.4	16QAM	6	0	22.88	23.06	22.86	23.70
1.4	64QAM	1	0	23.17	23.22	23.16	23.70
1.4	64QAM	1	3	23.02	23.11	22.94	23.70
1.4	64QAM	1	5	23.04	23.17	23.00	23.70
1.4	64QAM	3	0	22.91	23.10	22.93	23.70
1.4	64QAM	3	1	23.03	23.09	23.02	23.70
1.4	64QAM	3	3	22.95	23.12	23.03	23.70
1.4	64QAM	6	0	21.93	22.12	21.93	22.70
1.4	256QAM	1	0	19.93	20.15	20.02	20.70
1.4	256QAM	1	3	20.04	20.22	20.10	20.70
1.4	256QAM	1	5	20.06	20.20	20.03	20.70
1.4	256QAM	3	0	19.96	20.13	20.02	20.70
1.4	256QAM	3	1	20.03	20.09	19.91	20.70
1.4	256QAM	3	3	19.91	20.07	19.90	20.70
1.4	256QAM	6	0	19.98	20.16	19.90	20.70

【LTE Band 4_Ant 2_ECI4-1】

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	24.84	24.86	24.85	25.70
20	QPSK	1	49	24.68	24.83	24.73	25.70
20	QPSK	1	99	24.66	24.81	24.73	25.70
20	QPSK	50	0	23.90	23.94	23.89	24.70
20	QPSK	50	24	23.80	23.93	23.81	24.70
20	QPSK	50	50	23.70	23.77	23.66	24.70
20	QPSK	100	0	23.87	23.90	23.81	24.70
20	16QAM	1	0	23.82	23.89	23.78	24.70
20	16QAM	1	49	23.73	23.78	23.76	24.70
20	16QAM	1	99	23.66	23.77	23.61	24.70
20	16QAM	50	0	22.76	22.91	22.78	23.70
20	16QAM	50	24	22.71	22.76	22.61	23.70
20	16QAM	50	50	22.78	22.83	22.73	23.70
20	16QAM	100	0	22.81	22.89	22.85	23.70
20	64QAM	1	0	22.74	22.85	22.72	23.70
20	64QAM	1	49	22.68	22.82	22.72	23.70
20	64QAM	1	99	22.62	22.72	22.57	23.70
20	64QAM	50	0	21.82	21.88	21.80	22.70
20	64QAM	50	24	21.77	21.91	21.83	22.70
20	64QAM	50	50	21.74	21.81	21.77	22.70
20	64QAM	100	0	21.83	21.94	21.83	22.70
20	256QAM	1	0	19.73	19.85	19.81	20.70
20	256QAM	1	49	19.67	19.75	19.61	20.70
20	256QAM	1	99	19.57	19.69	19.65	20.70
20	256QAM	50	0	19.69	19.82	19.73	20.70
20	256QAM	50	24	19.63	19.78	19.64	20.70
20	256QAM	50	50	19.74	19.78	19.67	20.70
20	256QAM	100	0	19.65	19.76	19.64	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.77	24.83	24.77	25.70
15	QPSK	1	37	24.66	24.74	24.71	25.70
15	QPSK	1	74	24.51	24.69	24.70	25.70
15	QPSK	36	0	23.79	23.82	23.85	24.70
15	QPSK	36	20	23.69	23.90	23.70	24.70
15	QPSK	36	39	23.55	23.73	23.65	24.70
15	QPSK	75	0	23.82	23.76	23.78	24.70
15	16QAM	1	0	23.71	23.75	23.70	24.70
15	16QAM	1	37	23.61	23.74	23.71	24.70
15	16QAM	1	74	23.61	23.73	23.58	24.70
15	16QAM	36	0	22.65	22.81	22.65	23.70
15	16QAM	36	20	22.59	22.66	22.51	23.70
15	16QAM	36	39	22.67	22.82	22.60	23.70
15	16QAM	75	0	22.76	22.80	22.78	23.70
15	64QAM	1	0	22.65	22.75	22.69	23.70
15	64QAM	1	37	22.55	22.79	22.69	23.70
15	64QAM	1	74	22.59	22.59	22.54	23.70
15	64QAM	36	0	21.78	21.79	21.66	22.70
15	64QAM	36	20	21.68	21.85	21.69	22.70
15	64QAM	36	39	21.67	21.70	21.69	22.70
15	64QAM	75	0	21.74	21.91	21.77	22.70
15	256QAM	1	0	19.63	19.79	19.73	20.70
15	256QAM	1	37	19.52	19.63	19.55	20.70
15	256QAM	1	74	19.46	19.67	19.56	20.70
15	256QAM	36	0	19.64	19.77	19.60	20.70
15	256QAM	36	20	19.49	19.69	19.50	20.70
15	256QAM	36	39	19.70	19.73	19.63	20.70
15	256QAM	75	0	19.59	19.64	19.55	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.70	24.72	24.71	25.70
10	QPSK	1	25	24.60	24.80	24.60	25.70
10	QPSK	1	49	24.61	24.79	24.59	25.70
10	QPSK	25	0	23.78	23.82	23.80	24.70
10	QPSK	25	12	23.69	23.85	23.69	24.70
10	QPSK	25	25	23.58	23.76	23.65	24.70
10	QPSK	50	0	23.83	23.78	23.71	24.70
10	16QAM	1	0	23.67	23.86	23.67	24.70
10	16QAM	1	25	23.66	23.63	23.67	24.70
10	16QAM	1	49	23.56	23.68	23.59	24.70
10	16QAM	25	0	22.73	22.86	22.71	23.70



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10	16QAM	25	12	22.59	22.68	22.57	23.70
10	16QAM	25	25	22.72	22.70	22.66	23.70
10	16QAM	50	0	22.76	22.82	22.71	23.70
10	64QAM	1	0	22.64	22.81	22.65	23.70
10	64QAM	1	25	22.59	22.78	22.62	23.70
10	64QAM	1	49	22.58	22.62	22.45	23.70
10	64QAM	25	0	21.73	21.81	21.75	22.70
10	64QAM	25	12	21.73	21.84	21.79	22.70
10	64QAM	25	25	21.62	21.75	21.68	22.70
10	64QAM	50	0	21.72	21.83	21.76	22.70
10	256QAM	1	0	19.66	19.83	19.77	20.70
10	256QAM	1	25	19.55	19.61	19.55	20.70
10	256QAM	1	49	19.48	19.66	19.62	20.70
10	256QAM	25	0	19.63	19.68	19.60	20.70
10	256QAM	25	12	19.53	19.75	19.62	20.70
10	256QAM	25	25	19.59	19.74	19.65	20.70
10	256QAM	50	0	19.60	19.64	19.55	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.81	24.72	24.75	25.70
5	QPSK	1	12	24.54	24.70	24.61	25.70
5	QPSK	1	24	24.62	24.68	24.70	25.70
5	QPSK	12	0	23.88	23.83	23.76	24.70
5	QPSK	12	7	23.67	23.84	23.74	24.70
5	QPSK	12	13	23.66	23.69	23.55	24.70
5	QPSK	25	0	23.81	23.87	23.80	24.70
5	16QAM	1	0	23.73	23.74	23.66	24.70
5	16QAM	1	12	23.68	23.73	23.68	24.70
5	16QAM	1	24	23.57	23.65	23.48	24.70
5	16QAM	12	0	22.75	22.90	22.76	23.70
5	16QAM	12	7	22.65	22.72	22.49	23.70
5	16QAM	12	13	22.67	22.75	22.70	23.70
5	16QAM	25	0	22.75	22.82	22.78	23.70
5	64QAM	1	0	22.60	22.84	22.61	23.70
5	64QAM	1	12	22.57	22.73	22.70	23.70
5	64QAM	1	24	22.54	22.67	22.51	23.70
5	64QAM	12	0	21.69	21.75	21.65	22.70
5	64QAM	12	7	21.72	21.78	21.81	22.70
5	64QAM	12	13	21.59	21.72	21.63	22.70
5	64QAM	25	0	21.79	21.89	21.72	22.70
5	256QAM	1	0	19.58	19.80	19.78	20.70
5	256QAM	1	12	19.61	19.73	19.57	20.70
5	256QAM	1	24	19.49	19.68	19.60	20.70
5	256QAM	12	0	19.67	19.76	19.60	20.70
5	256QAM	12	7	19.49	19.71	19.54	20.70
5	256QAM	12	13	19.61	19.70	19.52	20.70
5	256QAM	25	0	19.52	19.71	19.54	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.70	24.79	24.71	25.70
3	QPSK	1	8	24.60	24.75	24.70	25.70
3	QPSK	1	14	24.52	24.67	24.63	25.70
3	QPSK	8	0	23.77	23.86	23.80	24.70
3	QPSK	8	4	23.72	23.80	23.68	24.70
3	QPSK	8	7	23.56	23.69	23.53	24.70
3	QPSK	15	0	23.77	23.76	23.73	24.70
3	16QAM	1	0	23.72	23.74	23.71	24.70
3	16QAM	1	8	23.71	23.67	23.67	24.70
3	16QAM	1	14	23.52	23.76	23.53	24.70
3	16QAM	8	0	22.66	22.81	22.65	23.70
3	16QAM	8	4	22.63	22.67	22.53	23.70
3	16QAM	8	7	22.67	22.70	22.61	23.70
3	16QAM	15	0	22.76	22.78	22.80	23.70
3	64QAM	1	0	22.63	22.83	22.65	23.70
3	64QAM	1	8	22.61	22.79	22.67	23.70
3	64QAM	1	14	22.48	22.65	22.43	23.70
3	64QAM	8	0	21.73	21.82	21.77	22.70
3	64QAM	8	4	21.71	21.86	21.75	22.70
3	64QAM	8	7	21.69	21.69	21.62	22.70
3	64QAM	15	0	21.74	21.81	21.74	22.70
3	256QAM	1	0	19.68	19.77	19.78	20.70
3	256QAM	1	8	19.55	19.68	19.47	20.70
3	256QAM	1	14	19.44	19.63	19.62	20.70
3	256QAM	8	0	19.54	19.71	19.71	20.70
3	256QAM	8	4	19.59	19.68	19.57	20.70
3	256QAM	8	7	19.65	19.65	19.64	20.70
3	256QAM	15	0	19.63	19.61	19.63	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	24.76	24.82	25.70
1.4	QPSK	1	3	24.65	24.77	24.64	25.70
1.4	QPSK	1	5	24.63	24.77	24.71	25.70
1.4	QPSK	3	0	24.87	24.93	24.75	25.70
1.4	QPSK	3	1	24.76	24.82	24.74	25.70
1.4	QPSK	3	3	24.61	24.64	24.52	25.70
1.4	QPSK	6	0	23.80	23.87	23.79	24.70
1.4	16QAM	1	0	23.80	23.77	23.69	24.70
1.4	16QAM	1	3	23.65	23.71	23.72	24.70
1.4	16QAM	1	5	23.52	23.68	23.59	24.70
1.4	16QAM	3	0	23.66	23.86	23.68	24.70
1.4	16QAM	3	1	23.67	23.66	23.57	24.70
1.4	16QAM	3	3	23.77	23.82	23.71	24.70
1.4	16QAM	6	0	22.77	22.78	22.78	23.70
1.4	64QAM	1	0	22.72	22.70	22.67	23.70
1.4	64QAM	1	3	22.64	22.72	22.66	23.70
1.4	64QAM	1	5	22.49	22.65	22.54	23.70
1.4	64QAM	3	0	22.78	22.80	22.69	23.70
1.4	64QAM	3	1	22.75	22.80	22.77	23.70
1.4	64QAM	3	3	22.62	22.74	22.71	23.70
1.4	64QAM	6	0	21.70	21.90	21.74	22.70
1.4	256QAM	1	0	19.66	19.74	19.67	20.70
1.4	256QAM	1	3	19.57	19.65	19.52	20.70
1.4	256QAM	1	5	19.45	19.68	19.63	20.70
1.4	256QAM	3	0	19.63	19.79	19.60	20.70
1.4	256QAM	3	1	19.61	19.69	19.56	20.70
1.4	256QAM	3	3	19.64	19.73	19.65	20.70
1.4	256QAM	6	0	19.59	19.71	19.58	20.70

【LTE Band 4_Ant 2_ECI4-2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.15	23.17	23.03	24.00
20	QPSK	1	49	22.95	23.03	22.76	24.00
20	QPSK	1	99	22.92	23.07	22.83	24.00
20	QPSK	50	0	21.86	21.99	21.76	23.00
20	QPSK	50	24	21.78	21.93	21.69	23.00
20	QPSK	50	50	21.81	21.87	21.61	23.00
20	QPSK	100	0	21.86	21.92	21.67	23.00
20	16QAM	1	0	22.04	22.15	21.94	23.00
20	16QAM	1	49	21.95	22.02	21.86	23.00
20	16QAM	1	99	22.10	22.14	21.98	23.00
20	16QAM	50	0	20.77	20.92	20.67	22.00
20	16QAM	50	24	20.77	20.93	20.69	22.00
20	16QAM	50	50	20.80	20.85	20.64	22.00
20	16QAM	100	0	20.80	20.95	20.80	22.00
20	64QAM	1	0	20.73	20.88	20.65	22.00
20	64QAM	1	49	20.70	20.75	20.54	22.00
20	64QAM	1	99	20.81	20.90	20.65	22.00
20	64QAM	50	0	19.87	19.93	19.70	21.00
20	64QAM	50	24	19.78	19.94	19.75	21.00
20	64QAM	50	50	19.81	19.96	19.69	21.00
20	64QAM	100	0	19.82	19.97	19.74	21.00
20	256QAM	1	0	17.78	17.94	17.69	19.00
20	256QAM	1	49	17.75	17.90	17.64	19.00
20	256QAM	1	99	17.75	17.91	17.70	19.00
20	256QAM	50	0	17.93	17.96	17.79	19.00
20	256QAM	50	24	17.83	17.97	17.80	19.00
20	256QAM	50	50	17.80	17.87	17.68	19.00
20	256QAM	100	0	17.89	18.00	17.81	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.02	23.11	23.01	24.00
15	QPSK	1	37	22.84	22.94	22.62	24.00
15	QPSK	1	74	22.86	23.03	22.76	24.00
15	QPSK	36	0	21.78	21.89	21.70	23.00
15	QPSK	36	20	21.70	21.88	21.56	23.00
15	QPSK	36	39	21.72	21.78	21.46	23.00
15	QPSK	75	0	21.83	21.87	21.57	23.00



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15	16QAM	1	0	21.97	22.13	21.92	23.00
15	16QAM	1	37	21.94	22.00	21.83	23.00
15	16QAM	1	74	22.05	22.08	21.93	23.00
15	16QAM	36	0	20.73	20.85	20.58	22.00
15	16QAM	36	20	20.64	20.84	20.64	22.00
15	16QAM	36	39	20.70	20.72	20.51	22.00
15	16QAM	75	0	20.65	20.92	20.67	22.00
15	64QAM	1	0	20.69	20.83	20.52	22.00
15	64QAM	1	37	20.61	20.73	20.43	22.00
15	64QAM	1	74	20.66	20.84	20.60	22.00
15	64QAM	36	0	19.83	19.82	19.66	21.00
15	64QAM	36	20	19.67	19.82	19.61	21.00
15	64QAM	36	39	19.79	19.81	19.65	21.00
15	64QAM	75	0	19.71	19.84	19.73	21.00
15	256QAM	1	0	17.76	17.81	17.57	19.00
15	256QAM	1	37	17.63	17.81	17.60	19.00
15	256QAM	1	74	17.74	17.77	17.64	19.00
15	256QAM	36	0	17.83	17.90	17.77	19.00
15	256QAM	36	20	17.77	17.86	17.68	19.00
15	256QAM	36	39	17.69	17.79	17.66	19.00
15	256QAM	75	0	17.88	17.90	17.78	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.08	23.12	22.90	24.00
10	QPSK	1	25	22.83	22.93	22.64	24.00
10	QPSK	1	49	22.86	22.93	22.69	24.00
10	QPSK	25	0	21.71	21.94	21.71	23.00
10	QPSK	25	12	21.71	21.84	21.57	23.00
10	QPSK	25	25	21.69	21.82	21.59	23.00
10	QPSK	50	0	21.76	21.90	21.63	23.00
10	16QAM	1	0	22.00	22.08	21.82	23.00
10	16QAM	1	25	21.84	21.97	21.83	23.00
10	16QAM	1	49	22.07	22.02	21.93	23.00
10	16QAM	25	0	20.65	20.78	20.61	22.00
10	16QAM	25	12	20.70	20.90	20.58	22.00
10	16QAM	25	25	20.75	20.81	20.61	22.00
10	16QAM	50	0	20.78	20.92	20.68	22.00
10	64QAM	1	0	20.65	20.80	20.61	22.00
10	64QAM	1	25	20.67	20.74	20.40	22.00
10	64QAM	1	49	20.71	20.84	20.56	22.00
10	64QAM	25	0	19.83	19.79	19.63	21.00
10	64QAM	25	12	19.67	19.89	19.67	21.00
10	64QAM	25	25	19.73	19.83	19.61	21.00
10	64QAM	50	0	19.80	19.90	19.68	21.00
10	256QAM	1	0	17.68	17.93	17.58	19.00
10	256QAM	1	25	17.68	17.77	17.53	19.00
10	256QAM	1	49	17.67	17.87	17.62	19.00
10	256QAM	25	0	17.91	17.87	17.77	19.00
10	256QAM	25	12	17.77	17.86	17.71	19.00
10	256QAM	25	25	17.74	17.80	17.65	19.00
10	256QAM	50	0	17.80	17.94	17.79	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.06	23.07	22.92	24.00
5	QPSK	1	12	22.90	22.93	22.65	24.00
5	QPSK	1	24	22.80	23.01	22.73	24.00
5	QPSK	12	0	21.80	21.94	21.65	23.00
5	QPSK	12	7	21.75	21.87	21.66	23.00
5	QPSK	12	13	21.76	21.80	21.59	23.00
5	QPSK	25	0	21.81	21.89	21.58	23.00
5	16QAM	1	0	22.03	22.08	21.89	23.00
5	16QAM	1	12	21.93	21.87	21.71	23.00
5	16QAM	1	24	22.05	22.04	21.93	23.00
5	16QAM	12	0	20.63	20.78	20.57	22.00
5	16QAM	12	7	20.66	20.85	20.55	22.00
5	16QAM	12	13	20.71	20.75	20.52	22.00
5	16QAM	25	0	20.77	20.93	20.72	22.00
5	64QAM	1	0	20.69	20.81	20.59	22.00
5	64QAM	1	12	20.62	20.71	20.49	22.00
5	64QAM	1	24	20.78	20.83	20.58	22.00
5	64QAM	12	0	19.82	19.78	19.59	21.00
5	64QAM	12	7	19.76	19.88	19.61	21.00
5	64QAM	12	13	19.71	19.92	19.63	21.00
5	64QAM	25	0	19.72	19.83	19.71	21.00
5	256QAM	1	0	17.65	17.89	17.57	19.00
5	256QAM	1	12	17.61	17.88	17.58	19.00
5	256QAM	1	24	17.73	17.86	17.59	19.00
5	256QAM	12	0	17.87	17.85	17.68	19.00



5	256QAM	12	7	17.81	17.92	17.75	19.00
5	256QAM	12	13	17.71	17.74	17.59	19.00
5	256QAM	25	0	17.86	17.92	17.79	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.02	23.06	22.91	24.00
3	QPSK	1	8	22.92	22.98	22.75	24.00
3	QPSK	1	14	22.78	23.02	22.69	24.00
3	QPSK	8	0	21.79	21.94	21.71	23.00
3	QPSK	8	4	21.74	21.80	21.65	23.00
3	QPSK	8	7	21.70	21.86	21.47	23.00
3	QPSK	15	0	21.77	21.81	21.60	23.00
3	16QAM	1	0	21.97	22.00	21.86	23.00
3	16QAM	1	8	21.82	21.97	21.83	23.00
3	16QAM	1	14	22.04	22.06	21.90	23.00
3	16QAM	8	0	20.72	20.86	20.64	22.00
3	16QAM	8	4	20.68	20.78	20.58	22.00
3	16QAM	8	7	20.70	20.73	20.50	22.00
3	16QAM	15	0	20.76	20.89	20.66	22.00
3	64QAM	1	0	20.67	20.82	20.61	22.00
3	64QAM	1	8	20.65	20.69	20.40	22.00
3	64QAM	1	14	20.67	20.80	20.51	22.00
3	64QAM	8	0	19.76	19.87	19.58	21.00
3	64QAM	8	4	19.76	19.90	19.72	21.00
3	64QAM	8	7	19.72	19.90	19.66	21.00
3	64QAM	15	0	19.70	19.83	19.63	21.00
3	256QAM	1	0	17.73	17.91	17.62	19.00
3	256QAM	1	8	17.71	17.75	17.62	19.00
3	256QAM	1	14	17.61	17.86	17.65	19.00
3	256QAM	8	0	17.80	17.85	17.75	19.00
3	256QAM	8	4	17.70	17.85	17.73	19.00
3	256QAM	8	7	17.75	17.81	17.60	19.00
3	256QAM	15	0	17.78	17.85	17.80	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.08	23.15	22.95	24.00
1.4	QPSK	1	3	22.81	22.91	22.69	24.00
1.4	QPSK	1	5	22.81	22.98	22.78	24.00
1.4	QPSK	3	0	22.81	22.91	22.72	24.00
1.4	QPSK	3	1	22.69	22.92	22.57	24.00
1.4	QPSK	3	3	22.68	22.74	22.59	24.00
1.4	QPSK	6	0	21.74	21.89	21.62	23.00
1.4	16QAM	1	0	21.99	22.09	21.83	23.00
1.4	16QAM	1	3	21.91	21.91	21.77	23.00
1.4	16QAM	1	5	22.08	22.03	21.86	23.00
1.4	16QAM	3	0	21.67	21.83	21.66	23.00
1.4	16QAM	3	1	21.74	21.83	21.58	23.00
1.4	16QAM	3	3	21.73	21.81	21.61	23.00
1.4	16QAM	6	0	20.67	20.91	20.74	22.00
1.4	64QAM	1	0	20.60	20.75	20.53	22.00
1.4	64QAM	1	3	20.65	20.68	20.47	22.00
1.4	64QAM	1	5	20.68	20.85	20.53	22.00
1.4	64QAM	3	0	20.78	20.88	20.63	22.00
1.4	64QAM	3	1	20.73	20.84	20.67	22.00
1.4	64QAM	3	3	20.79	20.87	20.60	22.00
1.4	64QAM	6	0	19.68	19.95	19.66	21.00
1.4	256QAM	1	0	17.67	17.91	17.68	19.00
1.4	256QAM	1	3	17.70	17.88	17.57	19.00
1.4	256QAM	1	5	17.68	17.87	17.59	19.00
1.4	256QAM	3	0	17.82	17.90	17.67	19.00
1.4	256QAM	3	1	17.69	17.95	17.79	19.00
1.4	256QAM	3	3	17.67	17.82	17.61	19.00
1.4	256QAM	6	0	17.76	17.86	17.73	19.00

【LTE Band 4_Ant 2_ECI5】

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	17.43	17.62	17.47	18.20
20	QPSK	1	49	17.43	17.47	17.39	18.20
20	QPSK	1	99	17.37	17.43	17.47	18.20
20	QPSK	50	0	17.46	17.52	17.35	18.20
20	QPSK	50	24	17.35	17.45	17.22	18.20
20	QPSK	50	50	17.39	17.39	17.30	18.20
20	QPSK	100	0	17.23	17.52	17.31	18.20
20	16QAM	1	0	17.33	17.40	17.20	18.20
20	16QAM	1	49	17.18	17.33	17.26	18.20
20	16QAM	1	99	17.28	17.41	17.38	18.20
20	16QAM	50	0	17.22	17.46	17.26	18.20
20	16QAM	50	24	17.20	17.45	17.19	18.20
20	16QAM	50	50	17.33	17.44	17.36	18.20
20	16QAM	100	0	17.24	17.25	17.15	18.20
20	64QAM	1	0	17.14	17.28	17.22	18.20
20	64QAM	1	49	17.15	17.34	17.20	18.20
20	64QAM	1	99	17.14	17.22	17.12	18.20
20	64QAM	50	0	17.16	17.39	17.21	18.20
20	64QAM	50	24	17.01	17.17	17.19	18.20
20	64QAM	50	50	17.14	17.29	17.28	18.20
20	64QAM	100	0	17.23	17.46	17.20	18.20
20	256QAM	1	0	17.14	17.24	17.14	18.20
20	256QAM	1	49	17.35	17.36	17.22	18.20
20	256QAM	1	99	17.22	17.22	17.18	18.20
20	256QAM	50	0	17.16	17.38	17.16	18.20
20	256QAM	50	24	17.18	17.30	17.15	18.20
20	256QAM	50	50	17.14	17.27	17.11	18.20
20	256QAM	100	0	17.22	17.32	17.28	18.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.32	17.59	17.38	18.20
15	QPSK	1	37	17.33	17.34	17.33	18.20
15	QPSK	1	74	17.31	17.32	17.35	18.20
15	QPSK	36	0	17.45	17.44	17.33	18.20
15	QPSK	36	20	17.21	17.35	17.09	18.20
15	QPSK	36	39	17.35	17.30	17.21	18.20
15	QPSK	75	0	17.12	17.43	17.22	18.20
15	16QAM	1	0	17.25	17.26	17.13	18.20
15	16QAM	1	37	17.07	17.30	17.24	18.20
15	16QAM	1	74	17.15	17.30	17.28	18.20
15	16QAM	36	0	17.14	17.42	17.25	18.20
15	16QAM	36	20	17.06	17.40	17.10	18.20
15	16QAM	36	39	17.30	17.32	17.29	18.20
15	16QAM	75	0	17.18	17.18	17.09	18.20
15	64QAM	1	0	17.13	17.14	17.11	18.20
15	64QAM	1	37	17.07	17.23	17.17	18.20
15	64QAM	1	74	17.04	17.14	16.99	18.20
15	64QAM	36	0	17.02	17.25	17.18	18.20
15	64QAM	36	20	16.96	17.08	17.09	18.20
15	64QAM	36	39	16.99	17.15	17.23	18.20
15	64QAM	75	0	17.14	17.43	17.10	18.20
15	256QAM	1	0	17.00	17.10	17.04	18.20
15	256QAM	1	37	17.24	17.22	17.12	18.20
15	256QAM	1	74	17.18	17.11	17.04	18.20
15	256QAM	36	0	17.03	17.31	17.06	18.20
15	256QAM	36	20	17.15	17.18	17.01	18.20
15	256QAM	36	39	17.04	17.21	17.06	18.20
15	256QAM	75	0	17.14	17.20	17.20	18.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.36	17.54	17.45	18.20
10	QPSK	1	25	17.40	17.37	17.36	18.20
10	QPSK	1	49	17.33	17.28	17.42	18.20
10	QPSK	25	0	17.35	17.40	17.24	18.20
10	QPSK	25	12	17.26	17.35	17.20	18.20
10	QPSK	25	25	17.30	17.36	17.23	18.20
10	QPSK	50	0	17.13	17.39	17.17	18.20
10	16QAM	1	0	17.23	17.38	17.14	18.20
10	16QAM	1	25	17.09	17.20	17.16	18.20
10	16QAM	1	49	17.21	17.39	17.25	18.20
10	16QAM	25	0	17.15	17.43	17.25	18.20