

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	31.95	31.90	31.81	33.50	22.95	22.90	22.81	24.50
GPRS 1 Tx slot	31.96	31.91	31.82	33.50	22.96	22.91	22.82	24.50
GPRS 2 Tx slots	28.97	28.90	28.84	30.50	22.97	22.90	22.84	24.50
GPRS 3 Tx slots	27.23	27.11	26.97	28.70	22.97	22.85	22.71	24.44
GPRS 4 Tx slots	26.35	26.38	26.29	27.50	23.35	23.38	23.29	24.50
EDGE 1 Tx slot	25.66	25.78	25.63	27.50	16.66	16.78	16.63	18.50
EDGE 2 Tx slots	22.66	22.81	22.63	24.50	16.66	16.81	16.63	18.50
EDGE 3 Tx slots	20.88	21.02	20.88	22.70	16.62	16.76	16.62	18.44
EDGE 4 Tx slots	21.07	21.16	21.08	21.50	18.07	18.16	18.08	18.50

【GSM850_Ant 0_ECI 1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.95	31.90	31.81	33.50	22.95	22.90	22.81	24.50
GPRS 1 Tx slot	31.96	31.91	31.82	33.50	22.96	22.91	22.82	24.50
GPRS 2 Tx slots	28.97	28.90	28.84	30.50	22.97	22.90	22.84	24.50
GPRS 3 Tx slots	27.23	27.11	26.97	28.70	22.97	22.85	22.71	24.44
GPRS 4 Tx slots	26.35	26.38	26.29	27.50	23.35	23.38	23.29	24.50
EDGE 1 Tx slot	25.66	25.78	25.63	27.50	16.66	16.78	16.63	18.50
EDGE 2 Tx slots	22.66	22.81	22.63	24.50	16.66	16.81	16.63	18.50
EDGE 3 Tx slots	20.88	21.02	20.88	22.70	16.62	16.76	16.62	18.44
EDGE 4 Tx slots	21.07	21.16	21.08	21.50	18.07	18.16	18.08	18.50

【GSM850_Ant 0_ECI 3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.95	31.90	31.81	33.50	22.95	22.90	22.81	24.50
GPRS 1 Tx slot	31.96	31.91	31.82	33.50	22.96	22.91	22.82	24.50
GPRS 2 Tx slots	28.97	28.90	28.84	30.50	22.97	22.90	22.84	24.50
GPRS 3 Tx slots	27.23	27.11	26.97	28.70	22.97	22.85	22.71	24.44
GPRS 4 Tx slots	26.35	26.38	26.29	27.50	23.35	23.38	23.29	24.50
EDGE 1 Tx slot	25.66	25.78	25.63	27.50	16.66	16.78	16.63	18.50
EDGE 2 Tx slots	22.66	22.81	22.63	24.50	16.66	16.81	16.63	18.50
EDGE 3 Tx slots	20.88	21.02	20.88	22.70	16.62	16.76	16.62	18.44
EDGE 4 Tx slots	21.07	21.16	21.08	21.50	18.07	18.16	18.08	18.50

【GSM850_Ant 0_ECI 4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.95	31.90	31.81	33.50	22.95	22.90	22.81	24.50
GPRS 1 Tx slot	31.96	31.91	31.82	33.50	22.96	22.91	22.82	24.50
GPRS 2 Tx slots	28.97	28.90	28.84	30.50	22.97	22.90	22.84	24.50
GPRS 3 Tx slots	27.23	27.11	26.97	28.70	22.97	22.85	22.71	24.44
GPRS 4 Tx slots	26.35	26.38	26.29	27.50	23.35	23.38	23.29	24.50
EDGE 1 Tx slot	25.66	25.78	25.63	27.50	16.66	16.78	16.63	18.50
EDGE 2 Tx slots	22.66	22.81	22.63	24.50	16.66	16.81	16.63	18.50
EDGE 3 Tx slots	20.88	21.02	20.88	22.70	16.62	16.76	16.62	18.44
EDGE 4 Tx slots	21.07	21.16	21.08	21.50	18.07	18.16	18.08	18.50

【GSM850_Ant 0_ECI 5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.95	31.90	31.81	33.50	22.95	22.90	22.81	24.50
GPRS 1 Tx slot	31.96	31.91	31.82	33.50	22.96	22.91	22.82	24.50
GPRS 2 Tx slots	28.97	28.90	28.84	30.50	22.97	22.90	22.84	24.50
GPRS 3 Tx slots	27.23	27.11	26.97	28.70	22.97	22.85	22.71	24.44
GPRS 4 Tx slots	26.35	26.38	26.29	27.50	23.35	23.38	23.29	24.50
EDGE 1 Tx slot	25.66	25.78	25.63	27.50	16.66	16.78	16.63	18.50
EDGE 2 Tx slots	22.66	22.81	22.63	24.50	16.66	16.81	16.63	18.50
EDGE 3 Tx slots	20.88	21.02	20.88	22.70	16.62	16.76	16.62	18.44
EDGE 4 Tx slots	21.07	21.16	21.08	21.50	18.07	18.16	18.08	18.50

【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	31.87	31.79	31.69	33.50	22.87	22.79	22.69	24.50
GPRS 1 Tx slot	31.89	31.80	31.71	33.50	22.89	22.80	22.71	24.50
GPRS 2 Tx slots	28.83	28.75	28.65	30.50	22.83	22.75	22.65	24.50
GPRS 3 Tx slots	27.05	27.00	26.90	28.70	22.79	22.74	22.64	24.44
GPRS 4 Tx slots	26.01	26.09	26.03	27.50	23.01	23.09	23.03	24.50
EDGE 1 Tx slot	25.53	25.57	25.51	27.50	16.53	16.57	16.51	18.50
EDGE 2 Tx slots	22.51	22.61	22.54	24.50	16.51	16.61	16.54	18.50
EDGE 3 Tx slots	20.74	20.82	20.68	22.70	16.48	16.56	16.42	18.44
EDGE 4 Tx slots	21.03	21.12	21.09	21.50	18.03	18.12	18.09	18.50

【GSM850_Ant 1_ECI 1】

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	28.08	27.95	27.95	29.50	19.08	18.95	18.95	20.50
GPRS 1 Tx slot	28.10	27.98	27.87	29.50	19.10	18.98	18.87	20.50
GPRS 2 Tx slots	25.08	25.00	24.80	26.50	19.08	19.00	18.80	20.50
GPRS 3 Tx slots	23.28	23.18	23.08	24.70	19.02	18.92	18.82	20.44
GPRS 4 Tx slots	22.27	22.34	22.27	23.50	19.27	19.34	19.27	20.50
EDGE 1 Tx slot	25.53	25.57	25.51	27.50	16.53	16.57	16.51	18.50
EDGE 2 Tx slots	22.51	22.61	22.54	24.50	16.51	16.61	16.54	18.50
EDGE 3 Tx slots	20.74	20.82	20.68	22.70	16.48	16.56	16.42	18.44
EDGE 4 Tx slots	21.03	21.12	21.09	21.50	18.03	18.12	18.09	18.50

【GSM850_Ant 1_ECI 3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.08	29.96	29.98	31.50	21.08	20.96	20.98	22.50
GPRS 1 Tx slot	30.11	30.01	29.91	31.50	21.11	21.01	20.91	22.50
GPRS 2 Tx slots	27.11	26.97	26.84	28.50	21.11	20.97	20.84	22.50
GPRS 3 Tx slots	25.32	25.17	25.11	26.70	21.06	20.91	20.85	22.44
GPRS 4 Tx slots	24.51	24.52	24.45	25.50	21.51	21.52	21.45	22.50
EDGE 1 Tx slot	25.53	25.57	25.51	27.50	16.53	16.57	16.51	18.50
EDGE 2 Tx slots	22.51	22.61	22.54	24.50	16.51	16.61	16.54	18.50
EDGE 3 Tx slots	20.74	20.82	20.68	22.70	16.48	16.56	16.42	18.44
EDGE 4 Tx slots	21.03	21.12	21.09	21.50	18.03	18.12	18.09	18.50

【GSM850_Ant 1_ECI 4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.08	29.96	29.98	31.50	21.08	20.96	20.98	22.50
GPRS 1 Tx slot	30.11	30.01	29.91	31.50	21.11	21.01	20.91	22.50
GPRS 2 Tx slots	27.11	26.97	26.84	28.50	21.11	20.97	20.84	22.50
GPRS 3 Tx slots	25.32	25.17	25.11	26.70	21.06	20.91	20.85	22.44
GPRS 4 Tx slots	24.51	24.52	24.45	25.50	21.51	21.52	21.45	22.50
EDGE 1 Tx slot	25.53	25.57	25.51	27.50	16.53	16.57	16.51	18.50
EDGE 2 Tx slots	22.51	22.61	22.54	24.50	16.51	16.61	16.54	18.50
EDGE 3 Tx slots	20.74	20.82	20.68	22.70	16.48	16.56	16.42	18.44
EDGE 4 Tx slots	21.03	21.12	21.09	21.50	18.03	18.12	18.09	18.50

【GSM850_Ant 1_ECI 5】

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	28.08	27.95	27.95	29.50	19.08	18.95	18.95	20.50
GPRS 1 Tx slot	28.10	27.98	27.87	29.50	19.10	18.98	18.87	20.50
GPRS 2 Tx slots	25.08	25.00	24.80	26.50	19.08	19.00	18.80	20.50
GPRS 3 Tx slots	23.28	23.18	23.08	24.70	19.02	18.92	18.82	20.44
GPRS 4 Tx slots	22.27	22.34	22.27	23.50	19.27	19.34	19.27	20.50
EDGE 1 Tx slot	25.53	25.57	25.51	27.50	16.53	16.57	16.51	18.50
EDGE 2 Tx slots	22.51	22.61	22.54	24.50	16.51	16.61	16.54	18.50
EDGE 3 Tx slots	20.74	20.82	20.68	22.70	16.48	16.56	16.42	18.44
EDGE 4 Tx slots	21.03	21.12	21.09	21.50	18.03	18.12	18.09	18.50

【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	29.46	29.45	29.46	30.50	20.46	20.45	20.46	21.50
GPRS 1 Tx slot	29.49	29.46	29.49	30.50	20.49	20.46	20.49	21.50
GPRS 2 Tx slots	26.50	26.50	26.45	27.50	20.50	20.50	20.45	21.50
GPRS 3 Tx slots	24.67	24.68	24.70	25.70	20.41	20.42	20.44	21.44
GPRS 4 Tx slots	23.55	23.63	23.59	24.50	20.55	20.63	20.59	21.50
EDGE 1 Tx slot	25.18	25.16	25.32	26.50	16.18	16.16	16.32	17.50
EDGE 2 Tx slots	22.20	22.22	22.29	23.50	16.20	16.22	16.29	17.50
EDGE 3 Tx slots	20.35	20.34	20.49	21.70	16.09	16.08	16.23	17.44
EDGE 4 Tx slots	19.91	19.97	19.80	20.50	16.91	16.97	16.80	17.50

【GSM1900_Ant 2_ECI 1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.59	27.60	27.58	28.50	18.59	18.60	18.58	19.50
GPRS 1 Tx slot	27.61	27.58	27.62	28.50	18.61	18.58	18.62	19.50
GPRS 2 Tx slots	24.57	24.55	24.51	25.50	18.57	18.55	18.51	19.50
GPRS 3 Tx slots	22.74	22.84	22.78	23.70	18.48	18.58	18.52	19.44
GPRS 4 Tx slots	21.66	21.78	21.70	22.50	18.66	18.78	18.70	19.50
EDGE 1 Tx slot	23.30	23.29	23.40	24.50	14.30	14.29	14.40	15.50
EDGE 2 Tx slots	20.37	20.38	20.44	21.50	14.37	14.38	14.44	15.50
EDGE 3 Tx slots	18.43	18.49	18.56	19.70	14.17	14.23	14.30	15.44
EDGE 4 Tx slots	18.05	18.13	17.96	18.50	15.05	15.13	14.96	15.50

【GSM1900_Ant 2_ECI 3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.01	29.06	29.04	30.00	20.01	20.06	20.04	21.00
GPRS 1 Tx slot	29.11	29.07	29.10	30.00	20.11	20.07	20.10	21.00
GPRS 2 Tx slots	26.16	26.10	26.11	27.00	20.16	20.10	20.11	21.00
GPRS 3 Tx slots	24.28	24.33	24.35	25.20	20.02	20.07	20.09	20.94
GPRS 4 Tx slots	23.16	23.26	23.18	24.00	20.16	20.26	20.18	21.00
EDGE 1 Tx slot	25.18	25.16	25.32	26.50	16.18	16.16	16.32	17.50
EDGE 2 Tx slots	22.20	22.22	22.29	23.50	16.20	16.22	16.29	17.50
EDGE 3 Tx slots	20.35	20.34	20.49	21.70	16.09	16.08	16.23	17.44
EDGE 4 Tx slots	19.91	19.97	19.80	20.50	16.91	16.97	16.80	17.50

【GSM1900_Ant 2_ECI 4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.46	29.45	29.46	30.50	20.46	20.45	20.46	21.50
GPRS 1 Tx slot	29.49	29.46	29.49	30.50	20.49	20.46	20.49	21.50
GPRS 2 Tx slots	26.50	26.50	26.45	27.50	20.50	20.50	20.45	21.50
GPRS 3 Tx slots	24.67	24.68	24.70	25.70	20.41	20.42	20.44	21.44
GPRS 4 Tx slots	23.55	23.63	23.59	24.50	20.55	20.63	20.59	21.50
EDGE 1 Tx slot	25.18	25.16	25.32	26.50	16.18	16.16	16.32	17.50
EDGE 2 Tx slots	22.20	22.22	22.29	23.50	16.20	16.22	16.29	17.50
EDGE 3 Tx slots	20.35	20.34	20.49	21.70	16.09	16.08	16.23	17.44
EDGE 4 Tx slots	19.91	19.97	19.80	20.50	16.91	16.97	16.80	17.50

【GSM1900_Ant 2_ECI 5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.59	27.60	27.58	28.50	18.59	18.60	18.58	19.50
GPRS 1 Tx slot	27.61	27.58	27.62	28.50	18.61	18.58	18.62	19.50
GPRS 2 Tx slots	24.57	24.55	24.51	25.50	18.57	18.55	18.51	19.50
GPRS 3 Tx slots	22.74	22.84	22.78	23.70	18.48	18.58	18.52	19.44
GPRS 4 Tx slots	21.66	21.78	21.70	22.50	18.66	18.78	18.70	19.50
EDGE 1 Tx slot	23.30	23.29	23.40	24.50	14.30	14.29	14.40	15.50
EDGE 2 Tx slots	20.37	20.38	20.44	21.50	14.37	14.38	14.44	15.50
EDGE 3 Tx slots	18.43	18.49	18.56	19.70	14.17	14.23	14.30	15.44
EDGE 4 Tx slots	18.05	18.13	17.96	18.50	15.05	15.13	14.96	15.50

【GSM1900_Ant 3_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	29.10	29.13	29.19	31.00	20.10	20.13	20.19	22.00
GPRS 1 Tx slot	29.12	29.14	29.23	31.00	20.12	20.14	20.23	22.00
GPRS 2 Tx slots	26.13	26.11	26.23	28.00	20.13	20.11	20.23	22.00
GPRS 3 Tx slots	24.34	24.32	24.46	26.20	20.08	20.06	20.20	21.94
GPRS 4 Tx slots	24.55	24.59	24.53	25.00	21.55	21.59	21.53	22.00
EDGE 1 Tx slot	24.93	25.07	25.03	27.00	15.93	16.07	16.03	18.00
EDGE 2 Tx slots	21.95	22.09	22.07	24.00	15.95	16.09	16.07	18.00
EDGE 3 Tx slots	20.19	20.33	20.21	22.20	15.93	16.07	15.95	17.94
EDGE 4 Tx slots	19.99	19.93	19.99	21.00	16.99	16.93	16.99	18.00

【GSM1900_Ant 3_ECI 1】

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	26.69	26.77	26.84	28.50	17.69	17.77	17.84	19.50
GPRS 1 Tx slot	26.69	26.78	26.90	28.50	17.69	17.78	17.90	19.50
GPRS 2 Tx slots	23.79	23.69	23.84	25.50	17.79	17.69	17.84	19.50
GPRS 3 Tx slots	22.01	21.90	22.05	23.70	17.75	17.64	17.79	19.44
GPRS 4 Tx slots	22.15	22.23	22.13	22.50	19.15	19.23	19.13	19.50
EDGE 1 Tx slot	24.93	25.07	25.03	27.00	15.93	16.07	16.03	18.00
EDGE 2 Tx slots	21.95	22.09	22.07	24.00	15.95	16.09	16.07	18.00
EDGE 3 Tx slots	20.19	20.33	20.21	22.20	15.93	16.07	15.95	17.94
EDGE 4 Tx slots	19.99	19.93	19.99	21.00	16.99	16.93	16.99	18.00

【GSM1900_Ant 3_ECI 3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.69	26.77	26.84	28.50	17.69	17.77	17.84	19.50
GPRS 1 Tx slot	26.69	26.78	26.90	28.50	17.69	17.78	17.90	19.50
GPRS 2 Tx slots	23.79	23.69	23.84	25.50	17.79	17.69	17.84	19.50
GPRS 3 Tx slots	22.01	21.90	22.05	23.70	17.75	17.64	17.79	19.44
GPRS 4 Tx slots	22.15	22.23	22.13	22.50	19.15	19.23	19.13	19.50
EDGE 1 Tx slot	24.93	25.07	25.03	27.00	15.93	16.07	16.03	18.00
EDGE 2 Tx slots	21.95	22.09	22.07	24.00	15.95	16.09	16.07	18.00
EDGE 3 Tx slots	20.19	20.33	20.21	22.20	15.93	16.07	15.95	17.94
EDGE 4 Tx slots	19.99	19.93	19.99	21.00	16.99	16.93	16.99	18.00

【GSM1900_Ant 3_ECI 4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.10	29.13	29.19	31.00	20.10	20.13	20.19	22.00
GPRS 1 Tx slot	29.12	29.14	29.23	31.00	20.12	20.14	20.23	22.00
GPRS 2 Tx slots	26.13	26.11	26.23	28.00	20.13	20.11	20.23	22.00
GPRS 3 Tx slots	24.34	24.32	24.46	26.20	20.08	20.06	20.20	21.94
GPRS 4 Tx slots	24.55	24.59	24.53	25.00	21.55	21.59	21.53	22.00
EDGE 1 Tx slot	24.93	25.07	25.03	27.00	15.93	16.07	16.03	18.00
EDGE 2 Tx slots	21.95	22.09	22.07	24.00	15.95	16.09	16.07	18.00
EDGE 3 Tx slots	20.19	20.33	20.21	22.20	15.93	16.07	15.95	17.94
EDGE 4 Tx slots	19.99	19.93	19.99	21.00	16.99	16.93	16.99	18.00

【GSM1900_Ant 3_ECI 5】

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	26.69	26.77	26.84	28.50	17.69	17.77	17.84	19.50
GPRS 1 Tx slot	26.69	26.78	26.90	28.50	17.69	17.78	17.90	19.50
GPRS 2 Tx slots	23.79	23.69	23.84	25.50	17.79	17.69	17.84	19.50
GPRS 3 Tx slots	22.01	21.90	22.05	23.70	17.75	17.64	17.79	19.44
GPRS 4 Tx slots	22.15	22.23	22.13	22.50	19.15	19.23	19.13	19.50
EDGE 1 Tx slot	24.93	25.07	25.03	27.00	15.93	16.07	16.03	18.00
EDGE 2 Tx slots	21.95	22.09	22.07	24.00	15.95	16.09	16.07	18.00
EDGE 3 Tx slots	20.19	20.33	20.21	22.20	15.93	16.07	15.95	17.94
EDGE 4 Tx slots	19.99	19.93	19.99	21.00	16.99	16.93	16.99	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	23.67	23.64	23.62	25.00
3GPP Rel 99	RMC 12.2Kbps	23.75	23.76	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.72	22.80	22.73	24.00
3GPP Rel 6	HSDPA Subtest-2	22.74	22.82	22.80	24.00
3GPP Rel 6	HSDPA Subtest-3	22.22	22.25	22.12	23.50
3GPP Rel 6	HSDPA Subtest-4	22.23	22.18	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.68	22.76	22.81	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.75	22.75	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.30	22.26	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.22	22.27	23.50
3GPP Rel 6	HSUPA Subtest-1	22.63	22.76	22.83	24.00
3GPP Rel 6	HSUPA Subtest-2	20.70	20.76	20.76	22.00
3GPP Rel 6	HSUPA Subtest-3	21.80	21.81	21.78	23.00
3GPP Rel 6	HSUPA Subtest-4	20.83	20.77	20.77	22.00
3GPP Rel 6	HSUPA Subtest-5	22.66	22.73	22.68	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.18	20.23	20.23	21.50

【WCDMA II_Ant 2_ECI 1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.36	22.36	22.37	23.50
3GPP Rel 99	RMC 12.2Kbps	22.48	22.55	22.51	23.50
3GPP Rel 6	HSDPA Subtest-1	21.39	21.52	21.46	22.50
3GPP Rel 6	HSDPA Subtest-2	21.45	21.51	21.56	22.50
3GPP Rel 6	HSDPA Subtest-3	20.89	21.01	20.84	22.00
3GPP Rel 6	HSDPA Subtest-4	20.92	20.89	20.97	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.39	21.43	21.54	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.34	21.43	21.41	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.99	21.00	20.96	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.84	20.94	20.94	22.00
3GPP Rel 6	HSUPA Subtest-1	21.29	21.41	21.48	22.50
3GPP Rel 6	HSUPA Subtest-2	19.35	19.46	19.46	20.50
3GPP Rel 6	HSUPA Subtest-3	20.46	20.52	20.44	21.50
3GPP Rel 6	HSUPA Subtest-4	19.53	19.49	19.48	20.50
3GPP Rel 6	HSUPA Subtest-5	21.38	21.39	21.38	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.84	18.98	18.91	20.00

【WCDMA II_Ant 2_ECI 3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.67	23.64	23.62	25.00
3GPP Rel 99	RMC 12.2Kbps	23.75	23.76	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.72	22.80	22.73	24.00
3GPP Rel 6	HSDPA Subtest-2	22.74	22.82	22.80	24.00
3GPP Rel 6	HSDPA Subtest-3	22.22	22.25	22.12	23.50
3GPP Rel 6	HSDPA Subtest-4	22.23	22.18	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.68	22.76	22.81	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.75	22.75	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.30	22.26	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.22	22.27	23.50
3GPP Rel 6	HSUPA Subtest-1	22.63	22.76	22.83	24.00
3GPP Rel 6	HSUPA Subtest-2	20.70	20.76	20.76	22.00
3GPP Rel 6	HSUPA Subtest-3	21.80	21.81	21.78	23.00
3GPP Rel 6	HSUPA Subtest-4	20.83	20.77	20.77	22.00
3GPP Rel 6	HSUPA Subtest-5	22.66	22.73	22.68	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.18	20.23	20.23	21.50

【WCDMA II_Ant 2_ECI 4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.67	23.64	23.62	25.00
3GPP Rel 99	RMC 12.2Kbps	23.75	23.76	23.75	25.00
3GPP Rel 6	HSDPA Subtest-1	22.72	22.80	22.73	24.00
3GPP Rel 6	HSDPA Subtest-2	22.74	22.82	22.80	24.00
3GPP Rel 6	HSDPA Subtest-3	22.22	22.25	22.12	23.50
3GPP Rel 6	HSDPA Subtest-4	22.23	22.18	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.68	22.76	22.81	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.75	22.75	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.30	22.26	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.22	22.27	23.50
3GPP Rel 6	HSUPA Subtest-1	22.63	22.76	22.83	24.00
3GPP Rel 6	HSUPA Subtest-2	20.70	20.76	20.76	22.00
3GPP Rel 6	HSUPA Subtest-3	21.80	21.81	21.78	23.00
3GPP Rel 6	HSUPA Subtest-4	20.83	20.77	20.77	22.00
3GPP Rel 6	HSUPA Subtest-5	22.66	22.73	22.68	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.18	20.23	20.23	21.50

【WCDMA II_Ant 2_ECI 5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.36	22.36	22.37	23.50
3GPP Rel 99	RMC 12.2Kbps	22.48	22.55	22.51	23.50
3GPP Rel 6	HSDPA Subtest-1	21.39	21.52	21.46	22.50
3GPP Rel 6	HSDPA Subtest-2	21.45	21.51	21.56	22.50
3GPP Rel 6	HSDPA Subtest-3	20.89	21.01	20.84	22.00
3GPP Rel 6	HSDPA Subtest-4	20.92	20.89	20.97	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.39	21.43	21.54	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.34	21.43	21.41	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.99	21.00	20.96	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.84	20.94	20.94	22.00
3GPP Rel 6	HSUPA Subtest-1	21.29	21.41	21.48	22.50
3GPP Rel 6	HSUPA Subtest-2	19.35	19.46	19.46	20.50
3GPP Rel 6	HSUPA Subtest-3	20.46	20.52	20.44	21.50
3GPP Rel 6	HSUPA Subtest-4	19.53	19.49	19.48	20.50
3GPP Rel 6	HSUPA Subtest-5	21.38	21.39	21.38	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.84	18.98	18.91	20.00

【WCDMA II_Ant 3_Default】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.79	23.92	23.85	25.50
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.89	25.50
3GPP Rel 6	HSDPA Subtest-1	22.90	22.91	22.89	24.50
3GPP Rel 6	HSDPA Subtest-2	22.94	22.95	22.93	24.50
3GPP Rel 6	HSDPA Subtest-3	22.46	22.43	22.43	24.00
3GPP Rel 6	HSDPA Subtest-4	22.40	22.43	22.45	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	22.89	22.99	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.92	22.94	22.89	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.50	22.47	22.41	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.34	22.47	22.47	24.00
3GPP Rel 6	HSUPA Subtest-1	22.84	22.93	22.99	24.50
3GPP Rel 6	HSUPA Subtest-2	20.93	20.93	20.87	22.50
3GPP Rel 6	HSUPA Subtest-3	22.01	21.95	22.01	23.50
3GPP Rel 6	HSUPA Subtest-4	20.93	21.02	20.98	22.50
3GPP Rel 6	HSUPA Subtest-5	22.92	22.97	22.92	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.39	20.48	20.36	22.00

【WCDMA II_Ant 3_ECI 1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.84	17.99	18.01	19.50
3GPP Rel 99	RMC 12.2Kbps	18.05	18.08	17.98	19.50
3GPP Rel 6	HSDPA Subtest-1	16.96	17.08	17.01	18.50
3GPP Rel 6	HSDPA Subtest-2	16.99	17.00	17.02	18.50
3GPP Rel 6	HSDPA Subtest-3	16.63	16.63	16.59	18.00
3GPP Rel 6	HSDPA Subtest-4	16.55	16.59	16.51	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.02	16.98	17.22	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.07	17.02	16.97	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.64	16.53	16.48	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.51	16.56	16.59	18.00
3GPP Rel 6	HSUPA Subtest-1	17.02	17.06	17.10	18.50
3GPP Rel 6	HSUPA Subtest-2	15.13	15.11	15.05	16.50
3GPP Rel 6	HSUPA Subtest-3	16.15	16.03	16.21	17.50
3GPP Rel 6	HSUPA Subtest-4	14.99	15.11	15.01	16.50
3GPP Rel 6	HSUPA Subtest-5	17.14	17.07	17.01	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.51	14.61	14.49	16.00

【WCDMA II_Ant 3_ECI 3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.14	17.18	17.11	19.00
3GPP Rel 99	RMC 12.2Kbps	17.17	17.26	17.19	19.00
3GPP Rel 6	HSDPA Subtest-1	16.19	16.25	16.18	18.00
3GPP Rel 6	HSDPA Subtest-2	16.26	16.28	16.26	18.00
3GPP Rel 6	HSDPA Subtest-3	15.76	15.69	15.77	17.50
3GPP Rel 6	HSDPA Subtest-4	15.65	15.71	15.81	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.21	16.17	16.32	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.18	16.19	16.15	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.77	15.73	15.73	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.63	15.80	15.83	17.50
3GPP Rel 6	HSUPA Subtest-1	16.10	16.21	16.31	18.00
3GPP Rel 6	HSUPA Subtest-2	14.21	14.21	14.17	16.00
3GPP Rel 6	HSUPA Subtest-3	15.27	15.27	15.30	17.00
3GPP Rel 6	HSUPA Subtest-4	14.21	14.29	14.32	16.00
3GPP Rel 6	HSUPA Subtest-5	16.22	16.29	16.25	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.70	13.76	13.64	15.50

【WCDMA II_Ant 3_ECI 4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.79	23.92	23.85	25.50
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.89	25.50
3GPP Rel 6	HSDPA Subtest-1	22.90	22.91	22.89	24.50
3GPP Rel 6	HSDPA Subtest-2	22.94	22.95	22.93	24.50
3GPP Rel 6	HSDPA Subtest-3	22.46	22.43	22.43	24.00
3GPP Rel 6	HSDPA Subtest-4	22.40	22.43	22.45	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	22.89	22.99	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.92	22.94	22.89	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.50	22.47	22.41	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.34	22.47	22.47	24.00
3GPP Rel 6	HSUPA Subtest-1	22.84	22.93	22.99	24.50
3GPP Rel 6	HSUPA Subtest-2	20.93	20.93	20.87	22.50
3GPP Rel 6	HSUPA Subtest-3	22.01	21.95	22.01	23.50
3GPP Rel 6	HSUPA Subtest-4	20.93	21.02	20.98	22.50
3GPP Rel 6	HSUPA Subtest-5	22.92	22.97	22.92	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.39	20.48	20.36	22.00

【WCDMA II_Ant 3_ECI 5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.14	17.18	17.11	19.00
3GPP Rel 99	RMC 12.2Kbps	17.17	17.26	17.19	19.00
3GPP Rel 6	HSDPA Subtest-1	16.19	16.25	16.18	18.00
3GPP Rel 6	HSDPA Subtest-2	16.26	16.28	16.26	18.00
3GPP Rel 6	HSDPA Subtest-3	15.76	15.69	15.77	17.50
3GPP Rel 6	HSDPA Subtest-4	15.65	15.71	15.81	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.21	16.17	16.32	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.18	16.19	16.15	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.77	15.73	15.73	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.63	15.80	15.83	17.50
3GPP Rel 6	HSUPA Subtest-1	16.10	16.21	16.31	18.00
3GPP Rel 6	HSUPA Subtest-2	14.21	14.21	14.17	16.00
3GPP Rel 6	HSUPA Subtest-3	15.27	15.27	15.30	17.00
3GPP Rel 6	HSUPA Subtest-4	14.21	14.29	14.32	16.00
3GPP Rel 6	HSUPA Subtest-5	16.22	16.29	16.25	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.70	13.76	13.64	15.50

【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	23.77	23.84	23.81	25.00
3GPP Rel 99	RMC 12.2Kbps	23.94	23.96	23.90	25.00
3GPP Rel 6	HSDPA Subtest-1	22.88	22.97	22.90	24.00
3GPP Rel 6	HSDPA Subtest-2	22.95	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-3	22.49	22.51	22.32	23.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.47	22.44	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	22.99	22.92	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.85	22.96	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.41	22.54	22.45	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.44	22.52	22.46	23.50
3GPP Rel 6	HSUPA Subtest-1	22.81	22.94	22.99	24.00
3GPP Rel 6	HSUPA Subtest-2	20.87	20.92	20.94	22.00
3GPP Rel 6	HSUPA Subtest-3	21.93	21.99	21.93	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	20.96	21.00	22.00
3GPP Rel 6	HSUPA Subtest-5	22.90	22.98	22.83	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.41	20.43	20.35	21.50

【WCDMA IV_Ant 2_ECI 1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.30	17.38	17.37	18.50
3GPP Rel 99	RMC 12.2Kbps	17.52	17.59	17.51	18.50
3GPP Rel 6	HSDPA Subtest-1	16.38	16.55	16.51	17.50
3GPP Rel 6	HSDPA Subtest-2	16.45	16.53	16.48	17.50
3GPP Rel 6	HSDPA Subtest-3	16.00	16.05	15.84	17.00
3GPP Rel 6	HSDPA Subtest-4	16.00	16.03	15.98	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.33	16.53	16.44	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.43	16.54	16.42	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.94	16.03	15.96	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.88	16.13	15.90	17.00
3GPP Rel 6	HSUPA Subtest-1	16.34	16.49	16.47	17.50
3GPP Rel 6	HSUPA Subtest-2	14.39	14.46	14.56	15.50
3GPP Rel 6	HSUPA Subtest-3	15.47	15.50	15.45	16.50
3GPP Rel 6	HSUPA Subtest-4	14.40	14.36	14.52	15.50
3GPP Rel 6	HSUPA Subtest-5	16.51	16.55	16.43	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.02	13.98	13.85	15.00

【WCDMA IV_Ant 2_ECI 3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.21	19.26	19.19	20.50
3GPP Rel 99	RMC 12.2Kbps	19.35	19.41	19.32	20.50
3GPP Rel 6	HSDPA Subtest-1	18.27	18.32	18.26	19.50
3GPP Rel 6	HSDPA Subtest-2	18.35	18.46	18.40	19.50
3GPP Rel 6	HSDPA Subtest-3	17.85	17.92	17.75	19.00
3GPP Rel 6	HSDPA Subtest-4	17.86	17.86	17.89	19.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.37	18.45	18.30	19.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.22	18.38	18.27	19.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.76	17.92	17.81	19.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.81	17.97	17.85	19.00
3GPP Rel 6	HSUPA Subtest-1	18.18	18.29	18.44	19.50
3GPP Rel 6	HSUPA Subtest-2	16.32	16.30	16.33	17.50
3GPP Rel 6	HSUPA Subtest-3	17.29	17.42	17.31	18.50
3GPP Rel 6	HSUPA Subtest-4	16.37	16.40	16.46	17.50
3GPP Rel 6	HSUPA Subtest-5	18.33	18.41	18.26	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.84	15.86	15.72	17.00

【WCDMA IV_Ant 2_ECI 4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.77	23.84	23.81	25.00
3GPP Rel 99	RMC 12.2Kbps	23.94	23.96	23.90	25.00
3GPP Rel 6	HSDPA Subtest-1	22.88	22.97	22.90	24.00
3GPP Rel 6	HSDPA Subtest-2	22.95	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-3	22.49	22.51	22.32	23.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.47	22.44	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	22.99	22.92	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.85	22.96	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.41	22.54	22.45	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.44	22.52	22.46	23.50
3GPP Rel 6	HSUPA Subtest-1	22.81	22.94	22.99	24.00
3GPP Rel 6	HSUPA Subtest-2	20.87	20.92	20.94	22.00
3GPP Rel 6	HSUPA Subtest-3	21.93	21.99	21.93	23.00
3GPP Rel 6	HSUPA Subtest-4	20.97	20.96	21.00	22.00
3GPP Rel 6	HSUPA Subtest-5	22.90	22.98	22.83	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.41	20.43	20.35	21.50

【WCDMA IV_Ant 2_ECI 5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.09	17.19	17.11	18.50
3GPP Rel 99	RMC 12.2Kbps	17.31	17.35	17.29	18.50
3GPP Rel 6	HSDPA Subtest-1	16.22	16.30	16.24	17.50
3GPP Rel 6	HSDPA Subtest-2	16.25	16.29	16.27	17.50
3GPP Rel 6	HSDPA Subtest-3	15.80	15.86	15.64	17.00
3GPP Rel 6	HSDPA Subtest-4	15.75	15.83	15.79	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.17	16.26	16.18	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.19	16.29	16.18	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.73	15.80	15.78	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.71	15.88	15.74	17.00
3GPP Rel 6	HSUPA Subtest-1	16.07	16.23	16.25	17.50
3GPP Rel 6	HSUPA Subtest-2	14.19	14.28	14.30	15.50
3GPP Rel 6	HSUPA Subtest-3	15.29	15.30	15.26	16.50
3GPP Rel 6	HSUPA Subtest-4	14.23	14.21	14.29	15.50
3GPP Rel 6	HSUPA Subtest-5	16.26	16.29	16.18	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.77	13.78	13.61	15.00

【WCDMA IV_Ant 3_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.48	23.60	23.44	25.50
3GPP Rel 99	RMC 12.2Kbps	23.57	23.69	23.62	25.50
3GPP Rel 6	HSDPA Subtest-1	22.59	22.69	22.61	24.50
3GPP Rel 6	HSDPA Subtest-2	22.64	22.64	22.65	24.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.21	22.02	24.00
3GPP Rel 6	HSDPA Subtest-4	22.07	22.16	22.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.64	22.69	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.60	22.62	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.12	22.25	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.11	22.20	22.19	24.00
3GPP Rel 6	HSUPA Subtest-1	22.52	22.69	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	20.54	20.65	20.66	22.50
3GPP Rel 6	HSUPA Subtest-3	21.70	21.61	21.67	23.50
3GPP Rel 6	HSUPA Subtest-4	20.68	20.72	20.66	22.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.69	22.51	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	20.24	20.08	22.00

【WCDMA IV_Ant 3_ECI 1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.48	23.60	23.44	25.50
3GPP Rel 99	RMC 12.2Kbps	23.57	23.69	23.62	25.50
3GPP Rel 6	HSDPA Subtest-1	22.59	22.69	22.61	24.50
3GPP Rel 6	HSDPA Subtest-2	22.64	22.64	22.65	24.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.21	22.02	24.00
3GPP Rel 6	HSDPA Subtest-4	22.07	22.16	22.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.64	22.69	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.60	22.62	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.12	22.25	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.11	22.20	22.19	24.00
3GPP Rel 6	HSUPA Subtest-1	22.52	22.69	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	20.54	20.65	20.66	22.50
3GPP Rel 6	HSUPA Subtest-3	21.70	21.61	21.67	23.50
3GPP Rel 6	HSUPA Subtest-4	20.68	20.72	20.66	22.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.69	22.51	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	20.24	20.08	22.00

【WCDMA IV_Ant 3_ECI 3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.48	23.60	23.44	25.50
3GPP Rel 99	RMC 12.2Kbps	23.57	23.69	23.62	25.50
3GPP Rel 6	HSDPA Subtest-1	22.59	22.69	22.61	24.50
3GPP Rel 6	HSDPA Subtest-2	22.64	22.64	22.65	24.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.21	22.02	24.00
3GPP Rel 6	HSDPA Subtest-4	22.07	22.16	22.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.64	22.69	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.60	22.62	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.12	22.25	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.11	22.20	22.19	24.00
3GPP Rel 6	HSUPA Subtest-1	22.52	22.69	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	20.54	20.65	20.66	22.50
3GPP Rel 6	HSUPA Subtest-3	21.70	21.61	21.67	23.50
3GPP Rel 6	HSUPA Subtest-4	20.68	20.72	20.66	22.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.69	22.51	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	20.24	20.08	22.00

【WCDMA IV_Ant 3_ECI 4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.48	23.60	23.44	25.50
3GPP Rel 99	RMC 12.2Kbps	23.57	23.69	23.62	25.50
3GPP Rel 6	HSDPA Subtest-1	22.59	22.69	22.61	24.50
3GPP Rel 6	HSDPA Subtest-2	22.64	22.64	22.65	24.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.21	22.02	24.00
3GPP Rel 6	HSDPA Subtest-4	22.07	22.16	22.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.64	22.69	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.60	22.62	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.12	22.25	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.11	22.20	22.19	24.00
3GPP Rel 6	HSUPA Subtest-1	22.52	22.69	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	20.54	20.65	20.66	22.50
3GPP Rel 6	HSUPA Subtest-3	21.70	21.61	21.67	23.50
3GPP Rel 6	HSUPA Subtest-4	20.68	20.72	20.66	22.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.69	22.51	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	20.24	20.08	22.00

【WCDMA IV_Ant 3_ECI 5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.48	23.60	23.44	25.50
3GPP Rel 99	RMC 12.2Kbps	23.57	23.69	23.62	25.50
3GPP Rel 6	HSDPA Subtest-1	22.59	22.69	22.61	24.50
3GPP Rel 6	HSDPA Subtest-2	22.64	22.64	22.65	24.50
3GPP Rel 6	HSDPA Subtest-3	22.15	22.21	22.02	24.00
3GPP Rel 6	HSDPA Subtest-4	22.07	22.16	22.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.64	22.69	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.60	22.62	22.61	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.12	22.25	22.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.11	22.20	22.19	24.00
3GPP Rel 6	HSUPA Subtest-1	22.52	22.69	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	20.54	20.65	20.66	22.50
3GPP Rel 6	HSUPA Subtest-3	21.70	21.61	21.67	23.50
3GPP Rel 6	HSUPA Subtest-4	20.68	20.72	20.66	22.50
3GPP Rel 6	HSUPA Subtest-5	22.60	22.69	22.51	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	20.24	20.08	22.00

【WCDMA V_Ant 0_Default】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.42	23.47	23.39	25.00
3GPP Rel 99	RMC 12.2Kbps	23.50	23.52	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.53	22.53	24.00
3GPP Rel 6	HSDPA Subtest-2	22.50	22.57	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	22.06	21.97	23.50
3GPP Rel 6	HSDPA Subtest-4	21.99	22.01	22.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.51	22.53	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.46	22.52	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.09	21.99	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.98	22.06	22.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.45	22.57	22.57	24.00
3GPP Rel 6	HSUPA Subtest-2	20.48	20.55	20.50	22.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.56	21.54	23.00
3GPP Rel 6	HSUPA Subtest-4	20.56	20.58	20.57	22.00
3GPP Rel 6	HSUPA Subtest-5	22.47	22.55	22.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.00	21.50

【WCDMA V_Ant 0_ECI 1】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.42	23.47	23.39	25.00
3GPP Rel 99	RMC 12.2Kbps	23.50	23.52	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.53	22.53	24.00
3GPP Rel 6	HSDPA Subtest-2	22.50	22.57	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	22.06	21.97	23.50
3GPP Rel 6	HSDPA Subtest-4	21.99	22.01	22.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.51	22.53	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.46	22.52	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.09	21.99	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.98	22.06	22.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.45	22.57	22.57	24.00
3GPP Rel 6	HSUPA Subtest-2	20.48	20.55	20.50	22.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.56	21.54	23.00
3GPP Rel 6	HSUPA Subtest-4	20.56	20.58	20.57	22.00
3GPP Rel 6	HSUPA Subtest-5	22.47	22.55	22.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.00	21.50

【WCDMA V_Ant 0_ECI 3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.42	23.47	23.39	25.00
3GPP Rel 99	RMC 12.2Kbps	23.50	23.52	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.53	22.53	24.00
3GPP Rel 6	HSDPA Subtest-2	22.50	22.57	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	22.06	21.97	23.50
3GPP Rel 6	HSDPA Subtest-4	21.99	22.01	22.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.51	22.53	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.46	22.52	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.09	21.99	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.98	22.06	22.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.45	22.57	22.57	24.00
3GPP Rel 6	HSUPA Subtest-2	20.48	20.55	20.50	22.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.56	21.54	23.00
3GPP Rel 6	HSUPA Subtest-4	20.56	20.58	20.57	22.00
3GPP Rel 6	HSUPA Subtest-5	22.47	22.55	22.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.00	21.50

【WCDMA V_Ant 0_ECI 4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.42	23.47	23.39	25.00
3GPP Rel 99	RMC 12.2Kbps	23.50	23.52	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.53	22.53	24.00
3GPP Rel 6	HSDPA Subtest-2	22.50	22.57	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	22.06	21.97	23.50
3GPP Rel 6	HSDPA Subtest-4	21.99	22.01	22.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.51	22.53	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.46	22.52	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.09	21.99	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.98	22.06	22.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.45	22.57	22.57	24.00
3GPP Rel 6	HSUPA Subtest-2	20.48	20.55	20.50	22.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.56	21.54	23.00
3GPP Rel 6	HSUPA Subtest-4	20.56	20.58	20.57	22.00
3GPP Rel 6	HSUPA Subtest-5	22.47	22.55	22.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.00	21.50

【WCDMA V_Ant 0_ECI 5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.42	23.47	23.39	25.00
3GPP Rel 99	RMC 12.2Kbps	23.50	23.52	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	22.51	22.53	22.53	24.00
3GPP Rel 6	HSDPA Subtest-2	22.50	22.57	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.02	22.06	21.97	23.50
3GPP Rel 6	HSDPA Subtest-4	21.99	22.01	22.05	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.51	22.53	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.46	22.52	22.54	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.05	22.09	21.99	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.98	22.06	22.04	23.50
3GPP Rel 6	HSUPA Subtest-1	22.45	22.57	22.57	24.00
3GPP Rel 6	HSUPA Subtest-2	20.48	20.55	20.50	22.00
3GPP Rel 6	HSUPA Subtest-3	21.56	21.56	21.54	23.00
3GPP Rel 6	HSUPA Subtest-4	20.56	20.58	20.57	22.00
3GPP Rel 6	HSUPA Subtest-5	22.47	22.55	22.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.00	21.50

【WCDMA V_Ant 1_Default】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.31	23.39	23.28	25.00
3GPP Rel 99	RMC 12.2Kbps	23.42	23.44	23.38	25.00
3GPP Rel 6	HSDPA Subtest-1	22.39	22.45	22.41	24.00
3GPP Rel 6	HSDPA Subtest-2	22.41	22.49	22.46	24.00
3GPP Rel 6	HSDPA Subtest-3	21.88	22.02	21.92	23.50
3GPP Rel 6	HSDPA Subtest-4	21.95	21.97	21.93	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.44	22.39	22.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.39	22.43	22.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.95	22.02	21.89	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.86	22.00	21.94	23.50
3GPP Rel 6	HSUPA Subtest-1	22.39	22.48	22.43	24.00
3GPP Rel 6	HSUPA Subtest-2	20.43	20.51	20.40	22.00
3GPP Rel 6	HSUPA Subtest-3	21.49	21.42	21.43	23.00
3GPP Rel 6	HSUPA Subtest-4	20.52	20.49	20.54	22.00
3GPP Rel 6	HSUPA Subtest-5	22.43	22.44	22.41	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.86	20.05	19.89	21.50

【WCDMA V_Ant 1_ECI 1】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.91	19.94	19.92	21.50
3GPP Rel 99	RMC 12.2Kbps	19.99	20.05	20.02	21.50
3GPP Rel 6	HSDPA Subtest-1	19.02	19.10	19.01	20.50
3GPP Rel 6	HSDPA Subtest-2	19.02	19.08	19.09	20.50
3GPP Rel 6	HSDPA Subtest-3	18.45	18.66	18.56	20.00
3GPP Rel 6	HSDPA Subtest-4	18.55	18.57	18.59	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.03	19.05	19.10	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.95	18.99	19.05	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.53	18.58	18.44	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.48	18.61	18.60	20.00
3GPP Rel 6	HSUPA Subtest-1	19.04	19.14	18.98	20.50
3GPP Rel 6	HSUPA Subtest-2	17.00	17.07	16.96	18.50
3GPP Rel 6	HSUPA Subtest-3	18.15	17.99	17.99	19.50
3GPP Rel 6	HSUPA Subtest-4	17.18	17.05	17.13	18.50
3GPP Rel 6	HSUPA Subtest-5	19.01	19.01	18.98	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.50	16.64	16.52	18.00

【WCDMA V_Ant 1_ECI 3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.38	19.48	19.36	21.00
3GPP Rel 99	RMC 12.2Kbps	19.68	19.69	19.65	21.00
3GPP Rel 6	HSDPA Subtest-1	18.46	18.59	18.46	20.00
3GPP Rel 6	HSDPA Subtest-2	18.53	18.57	18.62	20.00
3GPP Rel 6	HSDPA Subtest-3	18.04	18.12	18.06	19.50
3GPP Rel 6	HSDPA Subtest-4	18.12	18.06	18.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.57	18.48	18.59	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.54	18.60	18.52	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.10	18.09	18.02	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	18.06	18.00	19.50
3GPP Rel 6	HSUPA Subtest-1	18.45	18.64	18.58	20.00
3GPP Rel 6	HSUPA Subtest-2	16.59	16.65	16.50	18.00
3GPP Rel 6	HSUPA Subtest-3	17.58	17.56	17.52	19.00
3GPP Rel 6	HSUPA Subtest-4	16.68	16.62	16.63	18.00
3GPP Rel 6	HSUPA Subtest-5	18.52	18.61	18.48	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.03	16.19	16.01	17.50

【WCDMA V_Ant 1_ECI 4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.38	19.48	19.36	21.00
3GPP Rel 99	RMC 12.2Kbps	19.68	19.69	19.65	21.00
3GPP Rel 6	HSDPA Subtest-1	18.46	18.59	18.46	20.00
3GPP Rel 6	HSDPA Subtest-2	18.53	18.57	18.62	20.00
3GPP Rel 6	HSDPA Subtest-3	18.04	18.12	18.06	19.50
3GPP Rel 6	HSDPA Subtest-4	18.12	18.06	18.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.57	18.48	18.59	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.54	18.60	18.52	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.10	18.09	18.02	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	18.06	18.00	19.50
3GPP Rel 6	HSUPA Subtest-1	18.45	18.64	18.58	20.00
3GPP Rel 6	HSUPA Subtest-2	16.59	16.65	16.50	18.00
3GPP Rel 6	HSUPA Subtest-3	17.58	17.56	17.52	19.00
3GPP Rel 6	HSUPA Subtest-4	16.68	16.62	16.63	18.00
3GPP Rel 6	HSUPA Subtest-5	18.52	18.61	18.48	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.03	16.19	16.01	17.50

【WCDMA V_Ant 1_ECI 5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.38	19.48	19.36	21.00
3GPP Rel 99	RMC 12.2Kbps	19.68	19.69	19.65	21.00
3GPP Rel 6	HSDPA Subtest-1	18.46	18.59	18.46	20.00
3GPP Rel 6	HSDPA Subtest-2	18.53	18.57	18.62	20.00
3GPP Rel 6	HSDPA Subtest-3	18.04	18.12	18.06	19.50
3GPP Rel 6	HSDPA Subtest-4	18.12	18.06	18.01	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.57	18.48	18.59	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.54	18.60	18.52	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.10	18.09	18.02	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	18.06	18.00	19.50
3GPP Rel 6	HSUPA Subtest-1	18.45	18.64	18.58	20.00
3GPP Rel 6	HSUPA Subtest-2	16.59	16.65	16.50	18.00
3GPP Rel 6	HSUPA Subtest-3	17.58	17.56	17.52	19.00
3GPP Rel 6	HSUPA Subtest-4	16.68	16.62	16.63	18.00
3GPP Rel 6	HSUPA Subtest-5	18.52	18.61	18.48	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.03	16.19	16.01	17.50

<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	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.92	24.00	23.87	25.00
20	QPSK	1	49	23.84	23.82	23.68	25.00
20	QPSK	1	99	23.77	23.81	23.78	25.00
20	QPSK	50	0	23.00	23.12	22.92	24.00
20	QPSK	50	24	22.84	22.98	22.79	24.00
20	QPSK	50	50	22.94	22.97	22.84	24.00
20	QPSK	100	0	22.90	22.84	22.95	24.00
20	16QAM	1	0	22.90	22.94	22.86	24.00
20	16QAM	1	49	22.88	22.92	22.89	24.00
20	16QAM	1	99	22.82	22.97	22.86	24.00
20	16QAM	50	0	21.83	21.99	21.94	23.00
20	16QAM	50	24	21.89	22.04	21.89	23.00
20	16QAM	50	50	21.88	21.84	21.87	23.00
20	16QAM	100	0	21.91	21.93	21.89	23.00
20	64QAM	1	0	21.95	21.85	21.96	23.00
20	64QAM	1	49	21.81	21.93	21.90	23.00
20	64QAM	1	99	21.90	21.89	21.94	23.00
20	64QAM	50	0	20.97	20.90	20.90	22.00
20	64QAM	50	24	20.87	21.02	20.91	22.00
20	64QAM	50	50	20.88	20.86	20.95	22.00
20	64QAM	100	0	20.89	20.96	20.98	22.00
20	256QAM	1	0	18.91	19.03	18.87	20.00
20	256QAM	1	49	18.86	18.95	18.87	20.00
20	256QAM	1	99	18.87	18.97	18.91	20.00
20	256QAM	50	0	19.00	18.89	18.82	20.00
20	256QAM	50	24	18.81	18.89	18.91	20.00
20	256QAM	50	50	18.85	18.86	18.82	20.00
20	256QAM	100	0	18.86	18.96	18.90	20.00
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.85	23.88	23.80	25.00
15	QPSK	1	37	23.78	23.78	23.65	25.00
15	QPSK	1	74	23.64	23.74	23.66	25.00
15	QPSK	36	0	22.95	23.11	22.79	24.00
15	QPSK	36	20	22.83	22.85	22.72	24.00
15	QPSK	36	39	22.82	22.91	22.77	24.00
15	QPSK	75	0	22.82	22.76	22.85	24.00
15	16QAM	1	0	22.80	22.81	22.78	24.00
15	16QAM	1	37	22.87	22.77	22.74	24.00
15	16QAM	1	74	22.70	22.86	22.78	24.00
15	16QAM	36	0	21.75	21.88	21.80	23.00
15	16QAM	36	20	21.82	21.94	21.80	23.00
15	16QAM	36	39	21.77	21.73	21.78	23.00
15	16QAM	75	0	21.78	21.89	21.87	23.00
15	64QAM	1	0	21.82	21.72	21.81	23.00
15	64QAM	1	37	21.77	21.86	21.87	23.00
15	64QAM	1	74	21.86	21.79	21.92	23.00
15	64QAM	36	0	20.87	20.78	20.88	22.00
15	64QAM	36	20	20.82	20.93	20.81	22.00
15	64QAM	36	39	20.81	20.80	20.88	22.00
15	64QAM	75	0	20.86	20.86	20.94	22.00
15	256QAM	1	0	18.83	18.96	18.84	20.00
15	256QAM	1	37	18.79	18.84	18.82	20.00
15	256QAM	1	74	18.75	18.86	18.78	20.00
15	256QAM	36	0	18.92	18.85	18.76	20.00
15	256QAM	36	20	18.70	18.76	18.86	20.00
15	256QAM	36	39	18.81	18.78	18.72	20.00
15	256QAM	75	0	18.79	18.87	18.75	20.00
Channel				18650	18900	19150	
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.87	23.88	23.73	25.00
10	QPSK	1	25	23.72	23.70	23.57	25.00
10	QPSK	1	49	23.69	23.72	23.64	25.00
10	QPSK	25	0	22.88	23.08	22.81	24.00
10	QPSK	25	12	22.78	22.92	22.76	24.00
10	QPSK	25	25	22.92	22.87	22.78	24.00
10	QPSK	50	0	22.87	22.80	22.82	24.00

10	16QAM	1	0	22.86	22.83	22.84	24.00
10	16QAM	1	25	22.85	22.89	22.78	24.00
10	16QAM	1	49	22.78	22.87	22.80	24.00
10	16QAM	25	0	21.81	21.95	21.86	23.00
10	16QAM	25	12	21.78	21.95	21.85	23.00
10	16QAM	25	25	21.75	21.71	21.75	23.00
10	16QAM	50	0	21.86	21.88	21.79	23.00
10	64QAM	1	0	21.81	21.84	21.89	23.00
10	64QAM	1	25	21.77	21.78	21.84	23.00
10	64QAM	1	49	21.77	21.85	21.85	23.00
10	64QAM	25	0	20.94	20.75	20.87	22.00
10	64QAM	25	12	20.75	20.96	20.78	22.00
10	64QAM	25	25	20.81	20.72	20.90	22.00
10	64QAM	50	0	20.82	20.85	20.87	22.00
10	256QAM	1	0	18.83	18.91	18.80	20.00
10	256QAM	1	25	18.79	18.91	18.77	20.00
10	256QAM	1	49	18.76	18.91	18.76	20.00
10	256QAM	25	0	18.94	18.76	18.68	20.00
10	256QAM	25	12	18.77	18.78	18.82	20.00
10	256QAM	25	25	18.76	18.76	18.69	20.00
10	256QAM	50	0	18.79	18.89	18.84	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.86	23.91	23.74	25.00
5	QPSK	1	12	23.81	23.72	23.61	25.00
5	QPSK	1	24	23.74	23.78	23.75	25.00
5	QPSK	12	0	22.92	23.09	22.83	24.00
5	QPSK	12	7	22.73	22.84	22.67	24.00
5	QPSK	12	13	22.89	22.90	22.77	24.00
5	QPSK	25	0	22.82	22.69	22.87	24.00
5	16QAM	1	0	22.86	22.84	22.84	24.00
5	16QAM	1	12	22.85	22.83	22.81	24.00
5	16QAM	1	24	22.71	22.94	22.71	24.00
5	16QAM	12	0	21.78	21.94	21.89	23.00
5	16QAM	12	7	21.79	21.91	21.85	23.00
5	16QAM	12	13	21.76	21.79	21.80	23.00
5	16QAM	25	0	21.87	21.79	21.74	23.00
5	64QAM	1	0	21.86	21.78	21.89	23.00
5	64QAM	1	12	21.78	21.80	21.81	23.00
5	64QAM	1	24	21.86	21.79	21.83	23.00
5	64QAM	12	0	20.83	20.86	20.76	22.00
5	64QAM	12	7	20.73	20.92	20.82	22.00
5	64QAM	12	13	20.86	20.82	20.88	22.00
5	64QAM	25	0	20.83	20.91	20.89	22.00
5	256QAM	1	0	18.85	18.91	18.76	20.00
5	256QAM	1	12	18.81	18.93	18.78	20.00
5	256QAM	1	24	18.73	18.88	18.80	20.00
5	256QAM	12	0	18.95	18.85	18.80	20.00
5	256QAM	12	7	18.76	18.77	18.79	20.00
5	256QAM	12	13	18.70	18.82	18.71	20.00
5	256QAM	25	0	18.81	18.83	18.78	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.78	23.87	23.84	25.00
3	QPSK	1	8	23.75	23.69	23.55	25.00
3	QPSK	1	14	23.67	23.79	23.75	25.00
3	QPSK	8	0	22.88	23.10	22.90	24.00
3	QPSK	8	4	22.73	22.92	22.72	24.00
3	QPSK	8	7	22.80	22.93	22.78	24.00
3	QPSK	15	0	22.88	22.72	22.82	24.00
3	16QAM	1	0	22.84	22.85	22.80	24.00
3	16QAM	1	8	22.81	22.86	22.85	24.00
3	16QAM	1	14	22.79	22.91	22.80	24.00
3	16QAM	8	0	21.71	21.84	21.93	23.00
3	16QAM	8	4	21.74	21.97	21.80	23.00
3	16QAM	8	7	21.78	21.74	21.76	23.00
3	16QAM	15	0	21.85	21.82	21.82	23.00
3	64QAM	1	0	21.92	21.81	21.85	23.00
3	64QAM	1	8	21.71	21.90	21.82	23.00
3	64QAM	1	14	21.87	21.77	21.86	23.00
3	64QAM	8	0	20.96	20.75	20.83	22.00
3	64QAM	8	4	20.77	20.89	20.86	22.00
3	64QAM	8	7	20.80	20.75	20.84	22.00
3	64QAM	15	0	20.75	20.85	20.84	22.00
3	256QAM	1	0	18.81	19.01	18.77	20.00
3	256QAM	1	8	18.76	18.93	18.85	20.00
3	256QAM	1	14	18.81	18.94	18.86	20.00
3	256QAM	8	0	18.99	18.82	18.69	20.00

3	256QAM	8	4	18.69	18.79	18.78	20.00
3	256QAM	8	7	18.79	18.84	18.80	20.00
3	256QAM	15	0	18.80	18.86	18.79	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.87	23.93	23.74	25.00
1.4	QPSK	1	3	23.69	23.76	23.55	25.00
1.4	QPSK	1	5	23.75	23.68	23.68	25.00
1.4	QPSK	3	0	23.94	23.98	23.88	25.00
1.4	QPSK	3	1	23.75	23.93	23.76	25.00
1.4	QPSK	3	3	23.86	23.86	23.80	25.00
1.4	QPSK	6	0	22.82	22.80	22.88	24.00
1.4	16QAM	1	0	22.85	22.88	22.83	24.00
1.4	16QAM	1	3	22.73	22.83	22.78	24.00
1.4	16QAM	1	5	22.72	22.86	22.83	24.00
1.4	16QAM	3	0	22.81	22.96	22.88	24.00
1.4	16QAM	3	1	22.80	23.01	22.78	24.00
1.4	16QAM	3	3	22.76	22.70	22.80	24.00
1.4	16QAM	6	0	21.77	21.79	21.87	23.00
1.4	64QAM	1	0	21.92	21.84	21.95	23.00
1.4	64QAM	1	3	21.69	21.92	21.87	23.00
1.4	64QAM	1	5	21.83	21.74	21.82	23.00
1.4	64QAM	3	0	21.91	21.86	21.77	23.00
1.4	64QAM	3	1	21.77	21.96	21.83	23.00
1.4	64QAM	3	3	21.82	21.81	21.80	23.00
1.4	64QAM	6	0	20.85	20.90	20.88	22.00
1.4	256QAM	1	0	18.81	19.02	18.85	20.00
1.4	256QAM	1	3	18.84	18.93	18.75	20.00
1.4	256QAM	1	5	18.85	18.94	18.89	20.00
1.4	256QAM	3	0	18.87	18.82	18.77	20.00
1.4	256QAM	3	1	18.79	18.80	18.86	20.00
1.4	256QAM	3	3	18.78	18.73	18.80	20.00
1.4	256QAM	6	0	18.80	18.85	18.81	20.00

【LTE Band 2_Ant 2_ECI 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	18.13	18.15	18.12	19.00
20	QPSK	1	49	17.83	18.02	17.82	19.00
20	QPSK	1	99	17.80	18.04	17.80	19.00
20	QPSK	50	0	17.91	17.99	17.93	19.00
20	QPSK	50	24	17.78	17.98	17.85	19.00
20	QPSK	50	50	17.87	17.95	17.88	19.00
20	QPSK	100	0	17.80	18.02	17.83	19.00
20	16QAM	1	0	17.87	17.99	17.87	19.00
20	16QAM	1	49	17.85	18.06	17.88	19.00
20	16QAM	1	99	17.78	18.06	17.89	19.00
20	16QAM	50	0	17.88	17.97	17.82	19.00
20	16QAM	50	24	17.87	18.03	17.88	19.00
20	16QAM	50	50	17.80	18.03	17.84	19.00
20	16QAM	100	0	17.89	18.05	17.87	19.00
20	64QAM	1	0	17.84	18.01	17.80	19.00
20	64QAM	1	49	17.82	18.02	17.87	19.00
20	64QAM	1	99	17.89	18.01	17.83	19.00
20	64QAM	50	0	17.83	18.02	17.86	19.00
20	64QAM	50	24	17.84	17.97	17.88	19.00
20	64QAM	50	50	17.81	18.03	17.85	19.00
20	64QAM	100	0	17.83	17.99	17.79	19.00
20	256QAM	1	0	17.81	17.99	17.79	19.00
20	256QAM	1	49	17.82	18.07	17.89	19.00
20	256QAM	1	99	17.80	18.01	17.88	19.00
20	256QAM	50	0	17.80	18.07	17.85	19.00
20	256QAM	50	24	17.83	18.00	17.90	19.00
20	256QAM	50	50	17.78	17.98	17.82	19.00
20	256QAM	100	0	17.83	18.07	17.88	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.95	18.13	17.95	19.00
15	QPSK	1	37	17.78	17.95	17.74	19.00
15	QPSK	1	74	17.78	17.97	17.72	19.00

15	QPSK	36	0	17.71	17.96	17.76	19.00
15	QPSK	36	20	17.66	17.87	17.72	19.00
15	QPSK	36	39	17.79	17.92	17.86	19.00
15	QPSK	75	0	17.69	18.00	17.72	19.00
15	16QAM	1	0	17.73	17.87	17.81	19.00
15	16QAM	1	37	17.79	17.98	17.79	19.00
15	16QAM	1	74	17.66	17.92	17.77	19.00
15	16QAM	36	0	17.83	17.84	17.68	19.00
15	16QAM	36	20	17.85	17.90	17.86	19.00
15	16QAM	36	39	17.79	18.01	17.81	19.00
15	16QAM	75	0	17.85	17.98	17.76	19.00
15	64QAM	1	0	17.77	17.88	17.66	19.00
15	64QAM	1	37	17.80	17.89	17.81	19.00
15	64QAM	1	74	17.77	17.98	17.77	19.00
15	64QAM	36	0	17.69	17.96	17.78	19.00
15	64QAM	36	20	17.70	17.87	17.86	19.00
15	64QAM	36	39	17.74	18.01	17.79	19.00
15	64QAM	75	0	17.77	17.85	17.75	19.00
15	256QAM	1	0	17.67	17.88	17.72	19.00
15	256QAM	1	37	17.78	18.04	17.77	19.00
15	256QAM	1	74	17.73	17.90	17.78	19.00
15	256QAM	36	0	17.76	18.06	17.84	19.00
15	256QAM	36	20	17.72	17.90	17.76	19.00
15	256QAM	36	39	17.68	17.94	17.80	19.00
15	256QAM	75	0	17.79	18.00	17.87	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.84	18.09	17.97	19.00
10	QPSK	1	25	17.80	17.97	17.71	19.00
10	QPSK	1	49	17.75	17.90	17.69	19.00
10	QPSK	25	0	17.64	17.91	17.70	19.00
10	QPSK	25	12	17.68	17.87	17.79	19.00
10	QPSK	25	25	17.82	17.89	17.80	19.00
10	QPSK	50	0	17.72	17.88	17.76	19.00
10	16QAM	1	0	17.85	17.95	17.78	19.00
10	16QAM	1	25	17.73	17.93	17.85	19.00
10	16QAM	1	49	17.69	17.93	17.85	19.00
10	16QAM	25	0	17.83	17.83	17.71	19.00
10	16QAM	25	12	17.81	17.98	17.77	19.00
10	16QAM	25	25	17.72	17.88	17.74	19.00
10	16QAM	50	0	17.81	18.00	17.84	19.00
10	64QAM	1	0	17.79	17.99	17.74	19.00
10	64QAM	1	25	17.75	17.89	17.78	19.00
10	64QAM	1	49	17.82	17.96	17.75	19.00
10	64QAM	25	0	17.77	17.90	17.75	19.00
10	64QAM	25	12	17.81	17.85	17.76	19.00
10	64QAM	25	25	17.73	17.97	17.72	19.00
10	64QAM	50	0	17.75	17.92	17.72	19.00
10	256QAM	1	0	17.77	17.94	17.74	19.00
10	256QAM	1	25	17.71	18.02	17.86	19.00
10	256QAM	1	49	17.75	17.87	17.76	19.00
10	256QAM	25	0	17.69	18.02	17.82	19.00
10	256QAM	25	12	17.78	17.86	17.84	19.00
10	256QAM	25	25	17.63	17.92	17.73	19.00
10	256QAM	50	0	17.74	17.94	17.80	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.91	18.07	17.92	19.00
5	QPSK	1	12	17.71	17.95	17.77	19.00
5	QPSK	1	24	17.67	17.98	17.65	19.00
5	QPSK	12	0	17.72	17.86	17.76	19.00
5	QPSK	12	7	17.76	17.91	17.79	19.00
5	QPSK	12	13	17.84	17.88	17.85	19.00
5	QPSK	25	0	17.77	18.00	17.79	19.00
5	16QAM	1	0	17.73	17.84	17.84	19.00
5	16QAM	1	12	17.82	17.99	17.74	19.00
5	16QAM	1	24	17.76	17.93	17.75	19.00
5	16QAM	12	0	17.87	17.82	17.78	19.00
5	16QAM	12	7	17.81	17.94	17.76	19.00
5	16QAM	12	13	17.72	18.01	17.74	19.00
5	16QAM	25	0	17.74	17.91	17.73	19.00
5	64QAM	1	0	17.72	17.89	17.68	19.00
5	64QAM	1	12	17.79	17.95	17.72	19.00
5	64QAM	1	24	17.74	17.99	17.78	19.00
5	64QAM	12	0	17.75	17.92	17.85	19.00
5	64QAM	12	7	17.74	17.83	17.77	19.00
5	64QAM	12	13	17.79	17.97	17.79	19.00
5	64QAM	25	0	17.76	17.96	17.76	19.00

5	256QAM	1	0	17.71	17.90	17.66	19.00
5	256QAM	1	12	17.80	18.02	17.87	19.00
5	256QAM	1	24	17.70	17.95	17.76	19.00
5	256QAM	12	0	17.67	18.02	17.82	19.00
5	256QAM	12	7	17.74	17.97	17.78	19.00
5	256QAM	12	13	17.73	17.94	17.74	19.00
5	256QAM	25	0	17.74	17.95	17.82	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.91	18.09	17.83	19.00
3	QPSK	1	8	17.71	17.94	17.67	19.00
3	QPSK	1	14	17.67	17.94	17.77	19.00
3	QPSK	8	0	17.77	17.94	17.69	19.00
3	QPSK	8	4	17.77	17.93	17.78	19.00
3	QPSK	8	7	17.81	17.84	17.79	19.00
3	QPSK	15	0	17.74	17.89	17.79	19.00
3	16QAM	1	0	17.85	17.85	17.79	19.00
3	16QAM	1	8	17.81	17.97	17.74	19.00
3	16QAM	1	14	17.75	17.98	17.86	19.00
3	16QAM	8	0	17.73	17.91	17.72	19.00
3	16QAM	8	4	17.79	17.89	17.79	19.00
3	16QAM	8	7	17.69	17.99	17.74	19.00
3	16QAM	15	0	17.87	18.03	17.84	19.00
3	64QAM	1	0	17.72	17.88	17.68	19.00
3	64QAM	1	8	17.72	17.99	17.78	19.00
3	64QAM	1	14	17.82	17.87	17.74	19.00
3	64QAM	8	0	17.80	17.95	17.83	19.00
3	64QAM	8	4	17.70	17.88	17.78	19.00
3	64QAM	8	7	17.77	17.96	17.71	19.00
3	64QAM	15	0	17.76	17.91	17.77	19.00
3	256QAM	1	0	17.66	17.92	17.66	19.00
3	256QAM	1	8	17.73	17.93	17.77	19.00
3	256QAM	1	14	17.72	17.95	17.80	19.00
3	256QAM	8	0	17.65	17.99	17.84	19.00
3	256QAM	8	4	17.77	17.98	17.86	19.00
3	256QAM	8	7	17.70	17.90	17.81	19.00
3	256QAM	15	0	17.80	17.97	17.85	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.96	18.08	17.86	19.00
1.4	QPSK	1	3	17.69	17.94	17.74	19.00
1.4	QPSK	1	5	17.76	17.95	17.65	19.00
1.4	QPSK	3	0	17.65	17.90	17.67	19.00
1.4	QPSK	3	1	17.75	17.93	17.78	19.00
1.4	QPSK	3	3	17.82	17.86	17.78	19.00
1.4	QPSK	6	0	17.73	18.00	17.76	19.00
1.4	16QAM	1	0	17.74	17.96	17.83	19.00
1.4	16QAM	1	3	17.83	17.98	17.86	19.00
1.4	16QAM	1	5	17.75	17.97	17.78	19.00
1.4	16QAM	3	0	17.81	17.94	17.67	19.00
1.4	16QAM	3	1	17.76	17.92	17.81	19.00
1.4	16QAM	3	3	17.74	17.99	17.75	19.00
1.4	16QAM	6	0	17.83	17.92	17.83	19.00
1.4	64QAM	1	0	17.73	17.96	17.76	19.00
1.4	64QAM	1	3	17.79	17.91	17.73	19.00
1.4	64QAM	1	5	17.79	17.86	17.75	19.00
1.4	64QAM	3	0	17.80	17.96	17.76	19.00
1.4	64QAM	3	1	17.76	17.89	17.76	19.00
1.4	64QAM	3	3	17.70	17.89	17.84	19.00
1.4	64QAM	6	0	17.82	17.91	17.74	19.00
1.4	256QAM	1	0	17.78	17.89	17.76	19.00
1.4	256QAM	1	3	17.78	17.92	17.86	19.00
1.4	256QAM	1	5	17.77	17.99	17.78	19.00
1.4	256QAM	3	0	17.78	18.03	17.77	19.00
1.4	256QAM	3	1	17.75	17.98	17.83	19.00
1.4	256QAM	3	3	17.69	17.97	17.73	19.00
1.4	256QAM	6	0	17.80	17.95	17.73	19.00

【LTE Band 2_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.12	20.20	20.15	20.50
20	QPSK	1	49	19.96	20.00	19.90	20.50
20	QPSK	1	99	19.97	19.95	19.89	20.50
20	QPSK	50	0	20.01	20.05	20.03	20.50
20	QPSK	50	24	19.98	19.99	19.90	20.50
20	QPSK	50	50	19.99	19.97	19.81	20.50
20	QPSK	100	0	19.88	19.94	19.80	20.50
20	16QAM	1	0	19.90	20.06	19.84	20.50
20	16QAM	1	49	19.98	20.10	19.86	20.50
20	16QAM	1	99	19.96	19.91	19.87	20.50
20	16QAM	50	0	19.94	20.02	19.87	20.50
20	16QAM	50	24	20.05	20.05	19.88	20.50
20	16QAM	50	50	20.01	20.02	19.91	20.50
20	16QAM	100	0	19.98	20.05	19.87	20.50
20	64QAM	1	0	19.91	20.07	19.84	20.50
20	64QAM	1	49	19.91	20.02	19.93	20.50
20	64QAM	1	99	19.88	19.98	19.95	20.50
20	64QAM	50	0	19.88	19.95	19.82	20.50
20	64QAM	50	24	19.89	20.00	19.94	20.50
20	64QAM	50	50	19.91	20.08	19.78	20.50
20	64QAM	100	0	19.97	19.91	19.92	20.50
20	256QAM	1	0	19.54	19.66	19.51	20.00
20	256QAM	1	49	19.37	19.46	19.35	20.00
20	256QAM	1	99	19.48	19.52	19.38	20.00
20	256QAM	50	0	19.47	19.51	19.31	20.00
20	256QAM	50	24	19.47	19.51	19.39	20.00
20	256QAM	50	50	19.45	19.42	19.33	20.00
20	256QAM	100	0	19.42	19.47	19.29	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.01	20.17	20.05	20.50
15	QPSK	1	37	19.95	19.98	19.88	20.50
15	QPSK	1	74	19.94	19.88	19.84	20.50
15	QPSK	36	0	19.89	19.93	19.91	20.50
15	QPSK	36	20	19.89	19.92	19.83	20.50
15	QPSK	36	39	19.84	19.86	19.71	20.50
15	QPSK	75	0	19.73	19.90	19.75	20.50
15	16QAM	1	0	19.76	19.95	19.72	20.50
15	16QAM	1	37	19.96	20.07	19.74	20.50
15	16QAM	1	74	19.89	19.80	19.82	20.50
15	16QAM	36	0	19.93	19.91	19.80	20.50
15	16QAM	36	20	20.00	19.96	19.79	20.50
15	16QAM	36	39	19.90	19.99	19.81	20.50
15	16QAM	75	0	19.89	19.94	19.74	20.50
15	64QAM	1	0	19.78	19.95	19.75	20.50
15	64QAM	1	37	19.79	19.89	19.86	20.50
15	64QAM	1	74	19.73	19.95	19.82	20.50
15	64QAM	36	0	19.81	19.80	19.70	20.50
15	64QAM	36	20	19.76	19.87	19.86	20.50
15	64QAM	36	39	19.89	19.98	19.67	20.50
15	64QAM	75	0	19.85	19.89	19.85	20.50
15	256QAM	1	0	19.53	19.63	19.41	20.00
15	256QAM	1	37	19.28	19.39	19.21	20.00
15	256QAM	1	74	19.34	19.48	19.26	20.00
15	256QAM	36	0	19.41	19.36	19.24	20.00
15	256QAM	36	20	19.46	19.39	19.29	20.00
15	256QAM	36	39	19.41	19.31	19.19	20.00
15	256QAM	75	0	19.32	19.37	19.26	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.02	20.13	20.11	20.50
10	QPSK	1	25	19.83	19.94	19.79	20.50
10	QPSK	1	49	19.92	19.93	19.76	20.50
10	QPSK	25	0	19.92	20.00	19.94	20.50
10	QPSK	25	12	19.91	19.96	19.82	20.50
10	QPSK	25	25	19.97	19.86	19.72	20.50
10	QPSK	50	0	19.86	19.81	19.69	20.50
10	16QAM	1	0	19.77	20.03	19.70	20.50
10	16QAM	1	25	19.88	19.98	19.80	20.50

10	16QAM	1	49	19.82	19.82	19.84	20.50
10	16QAM	25	0	19.90	19.99	19.72	20.50
10	16QAM	25	12	19.92	19.93	19.78	20.50
10	16QAM	25	25	19.90	19.96	19.80	20.50
10	16QAM	50	0	19.88	19.94	19.84	20.50
10	64QAM	1	0	19.79	19.97	19.72	20.50
10	64QAM	1	25	19.85	20.00	19.88	20.50
10	64QAM	1	49	19.76	19.90	19.88	20.50
10	64QAM	25	0	19.75	19.89	19.70	20.50
10	64QAM	25	12	19.80	19.88	19.80	20.50
10	64QAM	25	25	19.86	19.97	19.73	20.50
10	64QAM	50	0	19.87	19.89	19.83	20.50
10	256QAM	1	0	19.52	19.55	19.40	20.00
10	256QAM	1	25	19.30	19.33	19.32	20.00
10	256QAM	1	49	19.43	19.47	19.27	20.00
10	256QAM	25	0	19.35	19.45	19.22	20.00
10	256QAM	25	12	19.38	19.41	19.30	20.00
10	256QAM	25	25	19.41	19.36	19.23	20.00
10	256QAM	50	0	19.38	19.33	19.16	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.09	20.17	20.04	20.50
5	QPSK	1	12	19.91	19.98	19.89	20.50
5	QPSK	1	24	19.94	19.81	19.82	20.50
5	QPSK	12	0	19.93	19.95	19.90	20.50
5	QPSK	12	7	19.91	19.93	19.80	20.50
5	QPSK	12	13	19.87	19.91	19.70	20.50
5	QPSK	25	0	19.77	19.79	19.73	20.50
5	16QAM	1	0	19.82	19.95	19.70	20.50
5	16QAM	1	12	19.85	20.00	19.75	20.50
5	16QAM	1	24	19.85	19.84	19.75	20.50
5	16QAM	12	0	19.89	19.90	19.81	20.50
5	16QAM	12	7	19.95	20.04	19.77	20.50
5	16QAM	12	13	19.86	19.87	19.85	20.50
5	16QAM	25	0	19.83	19.90	19.78	20.50
5	64QAM	1	0	19.85	19.96	19.71	20.50
5	64QAM	1	12	19.84	19.99	19.81	20.50
5	64QAM	1	24	19.76	19.93	19.94	20.50
5	64QAM	12	0	19.81	19.86	19.68	20.50
5	64QAM	12	7	19.79	19.90	19.92	20.50
5	64QAM	12	13	19.81	19.99	19.76	20.50
5	64QAM	25	0	19.88	19.80	19.83	20.50
5	256QAM	1	0	19.43	19.62	19.49	20.00
5	256QAM	1	12	19.29	19.39	19.34	20.00
5	256QAM	1	24	19.44	19.41	19.24	20.00
5	256QAM	12	0	19.42	19.47	19.19	20.00
5	256QAM	12	7	19.44	19.41	19.27	20.00
5	256QAM	12	13	19.42	19.38	19.22	20.00
5	256QAM	25	0	19.33	19.39	19.17	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.07	20.07	20.01	20.50
3	QPSK	1	8	19.93	19.89	19.80	20.50
3	QPSK	1	14	19.83	19.90	19.87	20.50
3	QPSK	8	0	19.91	19.98	19.88	20.50
3	QPSK	8	4	19.96	19.96	19.77	20.50
3	QPSK	8	7	19.84	19.94	19.66	20.50
3	QPSK	15	0	19.84	19.80	19.75	20.50
3	16QAM	1	0	19.84	19.96	19.78	20.50
3	16QAM	1	8	19.87	20.05	19.78	20.50
3	16QAM	1	14	19.88	19.84	19.83	20.50
3	16QAM	8	0	19.84	19.89	19.72	20.50
3	16QAM	8	4	19.95	19.92	19.86	20.50
3	16QAM	8	7	19.93	19.88	19.79	20.50
3	16QAM	15	0	19.90	19.91	19.84	20.50
3	64QAM	1	0	19.89	20.03	19.82	20.50
3	64QAM	1	8	19.90	19.89	19.90	20.50
3	64QAM	1	14	19.73	19.87	19.88	20.50
3	64QAM	8	0	19.78	19.90	19.81	20.50
3	64QAM	8	4	19.81	19.92	19.92	20.50
3	64QAM	8	7	19.85	20.04	19.75	20.50
3	64QAM	15	0	19.83	19.90	19.87	20.50
3	256QAM	1	0	19.52	19.55	19.38	20.00
3	256QAM	1	8	19.35	19.41	19.28	20.00
3	256QAM	1	14	19.41	19.39	19.25	20.00
3	256QAM	8	0	19.45	19.41	19.24	20.00
3	256QAM	8	4	19.36	19.46	19.34	20.00
3	256QAM	8	7	19.40	19.39	19.27	20.00

3	256QAM	15	0	19.27	19.39	19.17	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.02	20.19	20.02	20.50
1.4	QPSK	1	3	19.88	19.98	19.89	20.50
1.4	QPSK	1	5	19.83	19.82	19.82	20.50
1.4	QPSK	3	0	19.89	19.96	19.96	20.50
1.4	QPSK	3	1	19.88	19.93	19.88	20.50
1.4	QPSK	3	3	19.93	19.96	19.73	20.50
1.4	QPSK	6	0	19.81	19.79	19.76	20.50
1.4	16QAM	1	0	19.81	20.00	19.78	20.50
1.4	16QAM	1	3	19.93	20.08	19.79	20.50
1.4	16QAM	1	5	19.91	19.83	19.84	20.50
1.4	16QAM	3	0	19.80	19.99	19.85	20.50
1.4	16QAM	3	1	19.96	19.93	19.83	20.50
1.4	16QAM	3	3	19.99	19.99	19.89	20.50
1.4	16QAM	6	0	19.93	20.01	19.85	20.50
1.4	64QAM	1	0	19.84	19.94	19.81	20.50
1.4	64QAM	1	3	19.77	19.87	19.90	20.50
1.4	64QAM	1	5	19.77	19.88	19.86	20.50
1.4	64QAM	3	0	19.81	19.86	19.74	20.50
1.4	64QAM	3	1	19.84	19.92	19.84	20.50
1.4	64QAM	3	3	19.85	19.94	19.72	20.50
1.4	64QAM	6	0	19.86	19.79	19.82	20.50
1.4	256QAM	1	0	19.52	19.61	19.46	20.00
1.4	256QAM	1	3	19.33	19.42	19.28	20.00
1.4	256QAM	1	5	19.41	19.46	19.29	20.00
1.4	256QAM	3	0	19.41	19.42	19.20	20.00
1.4	256QAM	3	1	19.38	19.39	19.36	20.00
1.4	256QAM	3	3	19.42	19.38	19.30	20.00
1.4	256QAM	6	0	19.35	19.41	19.22	20.00

【LTE Band 2_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.15	23.19	23.16	24.00
20	QPSK	1	49	23.09	23.13	23.03	24.00
20	QPSK	1	99	23.05	23.06	23.01	24.00
20	QPSK	50	0	23.15	23.18	23.16	24.00
20	QPSK	50	24	23.04	23.05	22.95	24.00
20	QPSK	50	50	23.00	23.14	23.02	24.00
20	QPSK	100	0	23.09	23.06	22.93	24.00
20	16QAM	1	0	23.08	23.13	22.99	24.00
20	16QAM	1	49	23.05	23.12	23.00	24.00
20	16QAM	1	99	23.03	23.15	22.97	24.00
20	16QAM	50	0	22.11	22.20	22.17	23.00
20	16QAM	50	24	22.17	22.22	22.21	23.00
20	16QAM	50	50	22.14	22.15	22.19	23.00
20	16QAM	100	0	22.21	22.19	22.14	23.00
20	64QAM	1	0	22.11	22.25	22.15	23.00
20	64QAM	1	49	22.13	22.22	22.18	23.00
20	64QAM	1	99	22.10	22.16	22.20	23.00
20	64QAM	50	0	21.17	21.18	21.13	22.00
20	64QAM	50	24	21.18	21.17	21.21	22.00
20	64QAM	50	50	21.18	21.16	21.12	22.00
20	64QAM	100	0	21.18	21.26	21.14	22.00
20	256QAM	1	0	19.15	19.25	19.11	20.00
20	256QAM	1	49	19.19	19.15	19.16	20.00
20	256QAM	1	99	19.18	19.19	19.19	20.00
20	256QAM	50	0	19.14	19.17	19.12	20.00
20	256QAM	50	24	19.11	19.19	19.20	20.00
20	256QAM	50	50	19.16	19.22	19.15	20.00
20	256QAM	100	0	19.12	19.24	19.12	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.04	23.14	23.07	24.00
15	QPSK	1	37	23.00	23.00	23.01	24.00
15	QPSK	1	74	23.03	22.97	22.86	24.00
15	QPSK	36	0	23.04	23.15	23.06	24.00
15	QPSK	36	20	23.02	22.92	22.85	24.00

15	QPSK	36	39	22.87	23.09	22.94	24.00
15	QPSK	75	0	23.05	22.95	22.78	24.00
15	16QAM	1	0	22.95	23.00	22.86	24.00
15	16QAM	1	37	23.02	23.03	22.94	24.00
15	16QAM	1	74	22.99	23.02	22.92	24.00
15	16QAM	36	0	22.01	22.17	22.15	23.00
15	16QAM	36	20	22.10	22.18	22.15	23.00
15	16QAM	36	39	22.05	22.00	22.08	23.00
15	16QAM	75	0	22.14	22.15	22.08	23.00
15	64QAM	1	0	22.08	22.20	22.03	23.00
15	64QAM	1	37	22.06	22.13	22.15	23.00
15	64QAM	1	74	21.98	22.05	22.07	23.00
15	64QAM	36	0	21.07	21.14	21.05	22.00
15	64QAM	36	20	21.15	21.15	21.08	22.00
15	64QAM	36	39	21.07	21.07	21.03	22.00
15	64QAM	75	0	21.05	21.13	21.01	22.00
15	256QAM	1	0	19.12	19.14	19.02	20.00
15	256QAM	1	37	19.14	19.01	19.06	20.00
15	256QAM	1	74	19.11	19.09	19.12	20.00
15	256QAM	36	0	19.10	19.05	19.06	20.00
15	256QAM	36	20	19.06	19.16	19.17	20.00
15	256QAM	36	39	19.13	19.08	19.12	20.00
15	256QAM	75	0	19.00	19.20	19.08	20.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.09	23.15	23.10	24.00
10	QPSK	1	25	23.01	23.07	22.88	24.00
10	QPSK	1	49	22.99	23.05	22.89	24.00
10	QPSK	25	0	23.12	23.11	23.03	24.00
10	QPSK	25	12	22.90	22.91	22.89	24.00
10	QPSK	25	25	22.86	23.02	22.91	24.00
10	QPSK	50	0	23.03	22.91	22.79	24.00
10	16QAM	1	0	22.97	23.07	22.89	24.00
10	16QAM	1	25	22.93	23.07	22.91	24.00
10	16QAM	1	49	22.95	23.07	22.86	24.00
10	16QAM	25	0	21.96	22.07	22.08	23.00
10	16QAM	25	12	22.14	22.10	22.13	23.00
10	16QAM	25	25	22.09	22.03	22.05	23.00
10	16QAM	50	0	22.09	22.06	21.99	23.00
10	64QAM	1	0	22.09	22.18	22.01	23.00
10	64QAM	1	25	21.98	22.14	22.12	23.00
10	64QAM	1	49	21.98	22.14	22.05	23.00
10	64QAM	25	0	21.05	21.16	20.99	22.00
10	64QAM	25	12	21.14	21.13	21.09	22.00
10	64QAM	25	25	21.09	21.10	20.99	22.00
10	64QAM	50	0	21.16	21.20	21.12	22.00
10	256QAM	1	0	19.12	19.22	18.99	20.00
10	256QAM	1	25	19.16	19.03	19.09	20.00
10	256QAM	1	49	19.05	19.17	19.06	20.00
10	256QAM	25	0	19.04	19.11	19.00	20.00
10	256QAM	25	12	19.00	19.06	19.05	20.00
10	256QAM	25	25	19.04	19.12	19.03	20.00
10	256QAM	50	0	19.03	19.18	18.99	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.04	23.15	23.11	24.00
5	QPSK	1	12	23.03	23.02	23.02	24.00
5	QPSK	1	24	22.90	22.97	22.90	24.00
5	QPSK	12	0	23.06	23.17	23.03	24.00
5	QPSK	12	7	22.94	22.94	22.93	24.00
5	QPSK	12	13	22.90	23.08	22.97	24.00
5	QPSK	25	0	23.03	23.04	22.78	24.00
5	16QAM	1	0	22.94	23.07	22.92	24.00
5	16QAM	1	12	22.95	23.03	22.97	24.00
5	16QAM	1	24	23.00	23.01	22.84	24.00
5	16QAM	12	0	22.01	22.13	22.10	23.00
5	16QAM	12	7	22.12	22.12	22.17	23.00
5	16QAM	12	13	22.03	22.07	22.07	23.00
5	16QAM	25	0	22.16	22.08	22.02	23.00
5	64QAM	1	0	22.00	22.12	22.00	23.00
5	64QAM	1	12	22.09	22.15	22.09	23.00
5	64QAM	1	24	21.97	22.02	22.12	23.00
5	64QAM	12	0	21.08	21.04	21.10	22.00
5	64QAM	12	7	21.12	21.13	21.12	22.00
5	64QAM	12	13	21.11	21.01	21.00	22.00
5	64QAM	25	0	21.10	21.15	21.11	22.00
5	256QAM	1	0	19.09	19.22	19.02	20.00
5	256QAM	1	12	19.08	19.12	19.08	20.00

5	256QAM	1	24	19.15	19.13	19.10	20.00
5	256QAM	12	0	19.08	19.13	19.01	20.00
5	256QAM	12	7	19.07	19.16	19.11	20.00
5	256QAM	12	13	19.13	19.14	19.07	20.00
5	256QAM	25	0	19.02	19.10	19.10	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.07	23.15	23.07	24.00
3	QPSK	1	8	22.95	23.02	22.90	24.00
3	QPSK	1	14	22.96	22.91	22.89	24.00
3	QPSK	8	0	23.06	23.17	23.10	24.00
3	QPSK	8	4	23.00	22.90	22.92	24.00
3	QPSK	8	7	22.90	23.00	22.96	24.00
3	QPSK	15	0	22.96	22.97	22.88	24.00
3	16QAM	1	0	23.04	23.09	22.86	24.00
3	16QAM	1	8	22.95	23.02	22.88	24.00
3	16QAM	1	14	22.97	23.03	22.90	24.00
3	16QAM	8	0	22.05	22.10	22.03	23.00
3	16QAM	8	4	22.11	22.10	22.08	23.00
3	16QAM	8	7	22.02	22.08	22.14	23.00
3	16QAM	15	0	22.19	22.16	22.12	23.00
3	64QAM	1	0	22.10	22.15	22.10	23.00
3	64QAM	1	8	22.05	22.16	22.04	23.00
3	64QAM	1	14	22.07	22.08	22.08	23.00
3	64QAM	8	0	21.12	21.16	21.10	22.00
3	64QAM	8	4	21.09	21.05	21.08	22.00
3	64QAM	8	7	21.07	21.10	20.98	22.00
3	64QAM	15	0	21.10	21.20	21.04	22.00
3	256QAM	1	0	19.11	19.23	19.00	20.00
3	256QAM	1	8	19.16	19.03	19.06	20.00
3	256QAM	1	14	19.14	19.16	19.17	20.00
3	256QAM	8	0	19.01	19.10	19.03	20.00
3	256QAM	8	4	19.08	19.09	19.17	20.00
3	256QAM	8	7	19.05	19.12	19.03	20.00
3	256QAM	15	0	19.01	19.21	19.06	20.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.01	23.08	23.12	24.00
1.4	QPSK	1	3	23.06	23.05	22.98	24.00
1.4	QPSK	1	5	22.95	23.02	22.89	24.00
1.4	QPSK	3	0	23.00	23.14	23.01	24.00
1.4	QPSK	3	1	22.98	22.97	22.90	24.00
1.4	QPSK	3	3	22.91	23.09	22.95	24.00
1.4	QPSK	6	0	23.04	23.00	22.89	24.00
1.4	16QAM	1	0	22.97	23.06	22.89	24.00
1.4	16QAM	1	3	22.95	22.99	22.96	24.00
1.4	16QAM	1	5	22.92	23.08	22.87	24.00
1.4	16QAM	3	0	22.98	23.08	23.06	24.00
1.4	16QAM	3	1	23.04	23.18	23.06	24.00
1.4	16QAM	3	3	23.12	23.12	23.13	24.00
1.4	16QAM	6	0	22.12	22.05	22.02	23.00
1.4	64QAM	1	0	21.96	22.18	22.07	23.00
1.4	64QAM	1	3	22.05	22.18	22.03	23.00
1.4	64QAM	1	5	22.04	22.07	22.16	23.00
1.4	64QAM	3	0	22.06	22.08	22.11	23.00
1.4	64QAM	3	1	22.05	22.02	22.17	23.00
1.4	64QAM	3	3	22.07	22.13	22.06	23.00
1.4	64QAM	6	0	21.17	21.18	21.04	22.00
1.4	256QAM	1	0	19.01	19.17	19.02	20.00
1.4	256QAM	1	3	19.09	19.12	19.05	20.00
1.4	256QAM	1	5	19.11	19.07	19.15	20.00
1.4	256QAM	3	0	19.05	19.10	19.11	20.00
1.4	256QAM	3	1	19.10	19.11	19.14	20.00
1.4	256QAM	3	3	19.12	19.10	19.06	20.00
1.4	256QAM	6	0	18.99	19.14	19.02	20.00

【LTE Band 2_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.13	18.15	18.12	19.00
20	QPSK	1	49	17.83	18.02	17.82	19.00
20	QPSK	1	99	17.80	18.04	17.80	19.00
20	QPSK	50	0	17.91	17.99	17.93	19.00
20	QPSK	50	24	17.78	17.98	17.85	19.00
20	QPSK	50	50	17.87	17.95	17.88	19.00
20	QPSK	100	0	17.80	18.02	17.83	19.00
20	16QAM	1	0	17.87	17.99	17.87	19.00
20	16QAM	1	49	17.85	18.06	17.88	19.00
20	16QAM	1	99	17.78	18.06	17.89	19.00
20	16QAM	50	0	17.88	17.97	17.82	19.00
20	16QAM	50	24	17.87	18.03	17.88	19.00
20	16QAM	50	50	17.80	18.03	17.84	19.00
20	16QAM	100	0	17.89	18.05	17.87	19.00
20	64QAM	1	0	17.84	18.01	17.80	19.00
20	64QAM	1	49	17.82	18.02	17.87	19.00
20	64QAM	1	99	17.89	18.01	17.83	19.00
20	64QAM	50	0	17.83	18.02	17.86	19.00
20	64QAM	50	24	17.84	17.97	17.88	19.00
20	64QAM	50	50	17.81	18.03	17.85	19.00
20	64QAM	100	0	17.83	17.99	17.79	19.00
20	256QAM	1	0	17.81	17.99	17.79	19.00
20	256QAM	1	49	17.82	18.07	17.89	19.00
20	256QAM	1	99	17.80	18.01	17.88	19.00
20	256QAM	50	0	17.80	18.07	17.85	19.00
20	256QAM	50	24	17.83	18.00	17.90	19.00
20	256QAM	50	50	17.78	17.98	17.82	19.00
20	256QAM	100	0	17.83	18.07	17.88	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.95	18.13	17.95	19.00
15	QPSK	1	37	17.78	17.95	17.74	19.00
15	QPSK	1	74	17.78	17.97	17.72	19.00
15	QPSK	36	0	17.71	17.96	17.76	19.00
15	QPSK	36	20	17.66	17.87	17.72	19.00
15	QPSK	36	39	17.79	17.92	17.86	19.00
15	QPSK	75	0	17.69	18.00	17.72	19.00
15	16QAM	1	0	17.73	17.87	17.81	19.00
15	16QAM	1	37	17.79	17.98	17.79	19.00
15	16QAM	1	74	17.66	17.92	17.77	19.00
15	16QAM	36	0	17.83	17.84	17.68	19.00
15	16QAM	36	20	17.85	17.90	17.86	19.00
15	16QAM	36	39	17.79	18.01	17.81	19.00
15	16QAM	75	0	17.85	17.98	17.76	19.00
15	64QAM	1	0	17.77	17.88	17.66	19.00
15	64QAM	1	37	17.80	17.89	17.81	19.00
15	64QAM	1	74	17.77	17.98	17.77	19.00
15	64QAM	36	0	17.69	17.96	17.78	19.00
15	64QAM	36	20	17.70	17.87	17.86	19.00
15	64QAM	36	39	17.74	18.01	17.79	19.00
15	64QAM	75	0	17.77	17.85	17.75	19.00
15	256QAM	1	0	17.67	17.88	17.72	19.00
15	256QAM	1	37	17.78	18.04	17.77	19.00
15	256QAM	1	74	17.73	17.90	17.78	19.00
15	256QAM	36	0	17.76	18.06	17.84	19.00
15	256QAM	36	20	17.72	17.90	17.76	19.00
15	256QAM	36	39	17.68	17.94	17.80	19.00
15	256QAM	75	0	17.79	18.00	17.87	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.84	18.09	17.97	19.00
10	QPSK	1	25	17.80	17.97	17.71	19.00
10	QPSK	1	49	17.75	17.90	17.69	19.00
10	QPSK	25	0	17.64	17.91	17.70	19.00
10	QPSK	25	12	17.68	17.87	17.79	19.00
10	QPSK	25	25	17.82	17.89	17.80	19.00
10	QPSK	50	0	17.72	17.88	17.76	19.00
10	16QAM	1	0	17.85	17.95	17.78	19.00
10	16QAM	1	25	17.73	17.93	17.85	19.00

10	16QAM	1	49	17.69	17.93	17.85	19.00
10	16QAM	25	0	17.83	17.83	17.71	19.00
10	16QAM	25	12	17.81	17.98	17.77	19.00
10	16QAM	25	25	17.72	17.88	17.74	19.00
10	16QAM	50	0	17.81	18.00	17.84	19.00
10	64QAM	1	0	17.79	17.99	17.74	19.00
10	64QAM	1	25	17.75	17.89	17.78	19.00
10	64QAM	1	49	17.82	17.96	17.75	19.00
10	64QAM	25	0	17.77	17.90	17.75	19.00
10	64QAM	25	12	17.81	17.85	17.76	19.00
10	64QAM	25	25	17.73	17.97	17.72	19.00
10	64QAM	50	0	17.75	17.92	17.72	19.00
10	256QAM	1	0	17.77	17.94	17.74	19.00
10	256QAM	1	25	17.71	18.02	17.86	19.00
10	256QAM	1	49	17.75	17.87	17.76	19.00
10	256QAM	25	0	17.69	18.02	17.82	19.00
10	256QAM	25	12	17.78	17.86	17.84	19.00
10	256QAM	25	25	17.63	17.92	17.73	19.00
10	256QAM	50	0	17.74	17.94	17.80	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.91	18.07	17.92	19.00
5	QPSK	1	12	17.71	17.95	17.77	19.00
5	QPSK	1	24	17.67	17.98	17.65	19.00
5	QPSK	12	0	17.72	17.86	17.76	19.00
5	QPSK	12	7	17.76	17.91	17.79	19.00
5	QPSK	12	13	17.84	17.88	17.85	19.00
5	QPSK	25	0	17.77	18.00	17.79	19.00
5	16QAM	1	0	17.73	17.84	17.84	19.00
5	16QAM	1	12	17.82	17.99	17.74	19.00
5	16QAM	1	24	17.76	17.93	17.75	19.00
5	16QAM	12	0	17.87	17.82	17.78	19.00
5	16QAM	12	7	17.81	17.94	17.76	19.00
5	16QAM	12	13	17.72	18.01	17.74	19.00
5	16QAM	25	0	17.74	17.91	17.73	19.00
5	64QAM	1	0	17.72	17.89	17.68	19.00
5	64QAM	1	12	17.79	17.95	17.72	19.00
5	64QAM	1	24	17.74	17.99	17.78	19.00
5	64QAM	12	0	17.75	17.92	17.85	19.00
5	64QAM	12	7	17.74	17.83	17.77	19.00
5	64QAM	12	13	17.79	17.97	17.79	19.00
5	64QAM	25	0	17.76	17.96	17.76	19.00
5	256QAM	1	0	17.71	17.90	17.66	19.00
5	256QAM	1	12	17.80	18.02	17.87	19.00
5	256QAM	1	24	17.70	17.95	17.76	19.00
5	256QAM	12	0	17.67	18.02	17.82	19.00
5	256QAM	12	7	17.74	17.97	17.78	19.00
5	256QAM	12	13	17.73	17.94	17.74	19.00
5	256QAM	25	0	17.74	17.95	17.82	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.91	18.09	17.83	19.00
3	QPSK	1	8	17.71	17.94	17.67	19.00
3	QPSK	1	14	17.67	17.94	17.77	19.00
3	QPSK	8	0	17.77	17.94	17.69	19.00
3	QPSK	8	4	17.77	17.93	17.78	19.00
3	QPSK	8	7	17.81	17.84	17.79	19.00
3	QPSK	15	0	17.74	17.89	17.79	19.00
3	16QAM	1	0	17.85	17.85	17.79	19.00
3	16QAM	1	8	17.81	17.97	17.74	19.00
3	16QAM	1	14	17.75	17.98	17.86	19.00
3	16QAM	8	0	17.73	17.91	17.72	19.00
3	16QAM	8	4	17.79	17.89	17.79	19.00
3	16QAM	8	7	17.69	17.99	17.74	19.00
3	16QAM	15	0	17.87	18.03	17.84	19.00
3	64QAM	1	0	17.72	17.88	17.68	19.00
3	64QAM	1	8	17.72	17.99	17.78	19.00
3	64QAM	1	14	17.82	17.87	17.74	19.00
3	64QAM	8	0	17.80	17.95	17.83	19.00
3	64QAM	8	4	17.70	17.88	17.78	19.00
3	64QAM	8	7	17.77	17.96	17.71	19.00
3	64QAM	15	0	17.76	17.91	17.77	19.00
3	256QAM	1	0	17.66	17.92	17.66	19.00
3	256QAM	1	8	17.73	17.93	17.77	19.00
3	256QAM	1	14	17.72	17.95	17.80	19.00
3	256QAM	8	0	17.65	17.99	17.84	19.00
3	256QAM	8	4	17.77	17.98	17.86	19.00
3	256QAM	8	7	17.70	17.90	17.81	19.00

3	256QAM	15	0	17.80	17.97	17.85	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.96	18.08	17.86	19.00
1.4	QPSK	1	3	17.69	17.94	17.74	19.00
1.4	QPSK	1	5	17.76	17.95	17.65	19.00
1.4	QPSK	3	0	17.65	17.90	17.67	19.00
1.4	QPSK	3	1	17.75	17.93	17.78	19.00
1.4	QPSK	3	3	17.82	17.86	17.78	19.00
1.4	QPSK	6	0	17.73	18.00	17.76	19.00
1.4	16QAM	1	0	17.74	17.96	17.83	19.00
1.4	16QAM	1	3	17.83	17.98	17.86	19.00
1.4	16QAM	1	5	17.75	17.97	17.78	19.00
1.4	16QAM	3	0	17.81	17.94	17.67	19.00
1.4	16QAM	3	1	17.76	17.92	17.81	19.00
1.4	16QAM	3	3	17.74	17.99	17.75	19.00
1.4	16QAM	6	0	17.83	17.92	17.83	19.00
1.4	64QAM	1	0	17.73	17.96	17.76	19.00
1.4	64QAM	1	3	17.79	17.91	17.73	19.00
1.4	64QAM	1	5	17.79	17.86	17.75	19.00
1.4	64QAM	3	0	17.80	17.96	17.76	19.00
1.4	64QAM	3	1	17.76	17.89	17.76	19.00
1.4	64QAM	3	3	17.70	17.89	17.84	19.00
1.4	64QAM	6	0	17.82	17.91	17.74	19.00
1.4	256QAM	1	0	17.78	17.89	17.76	19.00
1.4	256QAM	1	3	17.78	17.92	17.86	19.00
1.4	256QAM	1	5	17.77	17.99	17.78	19.00
1.4	256QAM	3	0	17.78	18.03	17.77	19.00
1.4	256QAM	3	1	17.75	17.98	17.83	19.00
1.4	256QAM	3	3	17.69	17.97	17.73	19.00
1.4	256QAM	6	0	17.80	17.95	17.73	19.00

【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	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.99	24.05	23.99	25.50
20	QPSK	1	49	23.86	23.95	23.90	25.50
20	QPSK	1	99	23.86	23.90	23.83	25.50
20	QPSK	50	0	23.01	23.15	23.10	24.50
20	QPSK	50	24	22.95	23.04	22.91	24.50
20	QPSK	50	50	22.93	23.05	23.03	24.50
20	QPSK	100	0	22.98	23.03	22.91	24.50
20	16QAM	1	0	22.98	23.02	22.90	24.50
20	16QAM	1	49	23.01	23.11	23.03	24.50
20	16QAM	1	99	22.92	23.06	22.97	24.50
20	16QAM	50	0	22.00	22.03	22.02	23.50
20	16QAM	50	24	21.98	22.06	21.98	23.50
20	16QAM	50	50	21.98	21.91	22.01	23.50
20	16QAM	100	0	22.01	22.02	21.93	23.50
20	64QAM	1	0	21.97	21.92	21.96	23.50
20	64QAM	1	49	22.04	21.93	21.95	23.50
20	64QAM	1	99	22.00	22.06	21.98	23.50
20	64QAM	50	0	20.97	20.92	20.91	22.50
20	64QAM	50	24	20.98	21.07	20.92	22.50
20	64QAM	50	50	20.99	20.98	20.98	22.50
20	64QAM	100	0	20.96	20.96	21.05	22.50
20	256QAM	1	0	18.97	19.05	19.07	20.50
20	256QAM	1	49	19.01	19.06	18.92	20.50
20	256QAM	1	99	19.03	19.08	19.07	20.50
20	256QAM	50	0	19.02	18.98	19.03	20.50
20	256QAM	50	24	18.98	18.99	18.95	20.50
20	256QAM	50	50	18.97	18.95	19.05	20.50
20	256QAM	100	0	18.96	19.12	19.00	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.87	23.91	23.92	25.50
15	QPSK	1	37	23.74	23.87	23.77	25.50
15	QPSK	1	74	23.81	23.83	23.69	25.50
15	QPSK	36	0	22.91	23.10	23.03	24.50
15	QPSK	36	20	22.82	22.99	22.88	24.50

15	QPSK	36	39	22.82	22.91	22.96	24.50
15	QPSK	75	0	22.93	22.95	22.90	24.50
15	16QAM	1	0	22.91	22.92	22.79	24.50
15	16QAM	1	37	22.91	23.06	22.90	24.50
15	16QAM	1	74	22.86	22.95	22.85	24.50
15	16QAM	36	0	21.88	21.99	21.88	23.50
15	16QAM	36	20	21.87	22.03	21.96	23.50
15	16QAM	36	39	21.88	21.83	21.87	23.50
15	16QAM	75	0	21.92	22.00	21.83	23.50
15	64QAM	1	0	21.96	21.90	21.86	23.50
15	64QAM	1	37	21.99	21.85	21.85	23.50
15	64QAM	1	74	21.96	22.01	21.94	23.50
15	64QAM	36	0	20.88	20.81	20.83	22.50
15	64QAM	36	20	20.86	21.03	20.83	22.50
15	64QAM	36	39	20.89	20.87	20.83	22.50
15	64QAM	75	0	20.86	20.92	20.94	22.50
15	256QAM	1	0	18.88	18.92	18.98	20.50
15	256QAM	1	37	18.99	18.94	18.77	20.50
15	256QAM	1	74	19.00	19.03	19.02	20.50
15	256QAM	36	0	18.87	18.94	18.95	20.50
15	256QAM	36	20	18.96	18.88	18.82	20.50
15	256QAM	36	39	18.87	18.90	19.00	20.50
15	256QAM	75	0	18.93	19.03	18.95	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.95	23.93	23.85	25.50
10	QPSK	1	25	23.85	23.89	23.79	25.50
10	QPSK	1	49	23.82	23.79	23.76	25.50
10	QPSK	25	0	22.96	23.02	23.07	24.50
10	QPSK	25	12	22.87	22.97	22.79	24.50
10	QPSK	25	25	22.81	22.97	22.94	24.50
10	QPSK	50	0	22.89	22.91	22.87	24.50
10	16QAM	1	0	22.91	22.90	22.76	24.50
10	16QAM	1	25	22.93	23.04	22.91	24.50
10	16QAM	1	49	22.86	23.02	22.84	24.50
10	16QAM	25	0	21.98	21.93	21.96	23.50
10	16QAM	25	12	21.95	21.95	21.92	23.50
10	16QAM	25	25	21.92	21.85	21.97	23.50
10	16QAM	50	0	21.90	21.94	21.92	23.50
10	64QAM	1	0	21.88	21.90	21.88	23.50
10	64QAM	1	25	21.91	21.88	21.89	23.50
10	64QAM	1	49	21.96	21.93	21.86	23.50
10	64QAM	25	0	20.87	20.84	20.89	22.50
10	64QAM	25	12	20.92	21.03	20.85	22.50
10	64QAM	25	25	20.84	20.93	20.86	22.50
10	64QAM	50	0	20.88	20.93	20.91	22.50
10	256QAM	1	0	18.95	18.98	18.97	20.50
10	256QAM	1	25	19.00	19.02	18.83	20.50
10	256QAM	1	49	19.00	18.99	19.00	20.50
10	256QAM	25	0	18.91	18.86	18.99	20.50
10	256QAM	25	12	18.89	18.84	18.93	20.50
10	256QAM	25	25	18.94	18.83	19.01	20.50
10	256QAM	50	0	18.88	19.03	18.88	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.88	23.90	23.98	25.50
5	QPSK	1	12	23.76	23.90	23.82	25.50
5	QPSK	1	24	23.71	23.84	23.78	25.50
5	QPSK	12	0	22.91	23.11	22.99	24.50
5	QPSK	12	7	22.82	22.90	22.88	24.50
5	QPSK	12	13	22.87	23.02	22.95	24.50
5	QPSK	25	0	22.92	22.95	22.82	24.50
5	16QAM	1	0	22.86	22.90	22.88	24.50
5	16QAM	1	12	22.91	23.04	22.96	24.50
5	16QAM	1	24	22.85	22.92	22.92	24.50
5	16QAM	12	0	21.95	21.99	22.01	23.50
5	16QAM	12	7	21.93	21.96	21.86	23.50
5	16QAM	12	13	21.91	21.86	21.93	23.50
5	16QAM	25	0	21.93	22.00	21.89	23.50
5	64QAM	1	0	21.92	21.81	21.88	23.50
5	64QAM	1	12	21.99	21.89	21.88	23.50
5	64QAM	1	24	21.86	22.01	21.85	23.50
5	64QAM	12	0	20.95	20.79	20.87	22.50
5	64QAM	12	7	20.91	21.04	20.82	22.50
5	64QAM	12	13	20.91	20.84	20.90	22.50
5	64QAM	25	0	20.91	20.92	20.91	22.50
5	256QAM	1	0	18.82	19.04	18.95	20.50
5	256QAM	1	12	18.87	18.94	18.84	20.50

5	256QAM	1	24	18.92	18.96	18.97	20.50
5	256QAM	12	0	18.97	18.85	19.01	20.50
5	256QAM	12	7	18.83	18.86	18.91	20.50
5	256QAM	12	13	18.85	18.89	18.93	20.50
5	256QAM	25	0	18.88	19.00	18.97	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.93	23.92	23.95	25.50
3	QPSK	1	8	23.78	23.93	23.87	25.50
3	QPSK	1	14	23.73	23.77	23.75	25.50
3	QPSK	8	0	22.99	23.11	23.08	24.50
3	QPSK	8	4	22.90	22.98	22.89	24.50
3	QPSK	8	7	22.88	23.03	22.92	24.50
3	QPSK	15	0	22.90	22.99	22.77	24.50
3	16QAM	1	0	22.91	22.92	22.82	24.50
3	16QAM	1	8	22.89	23.05	22.94	24.50
3	16QAM	1	14	22.89	23.02	22.90	24.50
3	16QAM	8	0	21.95	22.02	21.99	23.50
3	16QAM	8	4	21.87	21.95	21.89	23.50
3	16QAM	8	7	21.87	21.86	21.96	23.50
3	16QAM	15	0	21.94	21.90	21.92	23.50
3	64QAM	1	0	21.84	21.86	21.89	23.50
3	64QAM	1	8	21.94	21.86	21.85	23.50
3	64QAM	1	14	21.87	21.93	21.87	23.50
3	64QAM	8	0	20.82	20.86	20.88	22.50
3	64QAM	8	4	20.87	20.95	20.82	22.50
3	64QAM	8	7	20.96	20.87	20.90	22.50
3	64QAM	15	0	20.91	20.84	21.04	22.50
3	256QAM	1	0	18.94	18.93	18.96	20.50
3	256QAM	1	8	18.93	19.02	18.83	20.50
3	256QAM	1	14	18.98	18.99	18.99	20.50
3	256QAM	8	0	18.93	18.89	18.89	20.50
3	256QAM	8	4	18.88	18.94	18.92	20.50
3	256QAM	8	7	18.83	18.84	19.02	20.50
3	256QAM	15	0	18.91	18.98	18.87	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.87	23.90	23.89	25.50
1.4	QPSK	1	3	23.76	23.94	23.87	25.50
1.4	QPSK	1	5	23.74	23.89	23.77	25.50
1.4	QPSK	3	0	23.87	24.02	24.06	25.50
1.4	QPSK	3	1	23.87	23.91	23.79	25.50
1.4	QPSK	3	3	23.90	24.02	23.99	25.50
1.4	QPSK	6	0	22.87	22.95	22.89	24.50
1.4	16QAM	1	0	22.83	22.91	22.84	24.50
1.4	16QAM	1	3	22.89	23.08	22.90	24.50
1.4	16QAM	1	5	22.89	23.05	22.94	24.50
1.4	16QAM	3	0	22.98	22.93	22.96	24.50
1.4	16QAM	3	1	22.97	22.95	22.85	24.50
1.4	16QAM	3	3	22.85	22.86	22.97	24.50
1.4	16QAM	6	0	21.95	21.89	21.84	23.50
1.4	64QAM	1	0	21.96	21.89	21.85	23.50
1.4	64QAM	1	3	21.96	21.82	21.82	23.50
1.4	64QAM	1	5	21.93	22.04	21.83	23.50
1.4	64QAM	3	0	21.93	21.78	21.82	23.50
1.4	64QAM	3	1	21.92	22.04	21.88	23.50
1.4	64QAM	3	3	21.91	21.86	21.93	23.50
1.4	64QAM	6	0	20.92	20.89	21.02	22.50
1.4	256QAM	1	0	18.84	19.01	18.94	20.50
1.4	256QAM	1	3	18.90	18.95	18.90	20.50
1.4	256QAM	1	5	19.00	18.95	18.97	20.50
1.4	256QAM	3	0	18.99	18.96	18.93	20.50
1.4	256QAM	3	1	18.92	18.91	18.83	20.50
1.4	256QAM	3	3	18.96	18.89	18.94	20.50
1.4	256QAM	6	0	18.87	19.11	18.87	20.50

【LTE Band 2_Ant 3_ECI 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	20.67	20.68	20.65	22.00
20	QPSK	1	49	20.51	20.55	20.44	22.00
20	QPSK	1	99	20.43	20.55	20.40	22.00
20	QPSK	50	0	20.54	20.57	20.55	22.00
20	QPSK	50	24	20.44	20.46	20.49	22.00
20	QPSK	50	50	20.52	20.51	20.43	22.00
20	QPSK	100	0	20.44	20.53	20.42	22.00
20	16QAM	1	0	20.46	20.51	20.49	22.00
20	16QAM	1	49	20.41	20.49	20.47	22.00
20	16QAM	1	99	20.48	20.48	20.50	22.00
20	16QAM	50	0	20.42	20.53	20.40	22.00
20	16QAM	50	24	20.45	20.45	20.40	22.00
20	16QAM	50	50	20.42	20.49	20.48	22.00
20	16QAM	100	0	20.44	20.54	20.43	22.00
20	64QAM	1	0	20.46	20.55	20.45	22.00
20	64QAM	1	49	20.47	20.47	20.50	22.00
20	64QAM	1	99	20.44	20.48	20.47	22.00
20	64QAM	50	0	20.42	20.46	20.50	22.00
20	64QAM	50	24	20.52	20.54	20.48	22.00
20	64QAM	50	50	20.50	20.55	20.47	22.00
20	64QAM	100	0	20.42	20.57	20.45	22.00
20	256QAM	1	0	19.17	19.19	19.05	20.50
20	256QAM	1	49	19.13	19.12	19.10	20.50
20	256QAM	1	99	19.12	19.11	19.13	20.50
20	256QAM	50	0	19.18	19.15	19.05	20.50
20	256QAM	50	24	19.11	19.11	19.06	20.50
20	256QAM	50	50	19.17	19.17	19.05	20.50
20	256QAM	100	0	19.14	19.18	19.09	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.35	20.44	20.27	22.00
15	QPSK	1	37	20.44	20.45	20.41	22.00
15	QPSK	1	74	20.32	20.50	20.36	22.00
15	QPSK	36	0	20.48	20.47	20.49	22.00
15	QPSK	36	20	20.43	20.37	20.38	22.00
15	QPSK	36	39	20.50	20.51	20.29	22.00
15	QPSK	75	0	20.31	20.41	20.36	22.00
15	16QAM	1	0	20.43	20.42	20.40	22.00
15	16QAM	1	37	20.37	20.43	20.33	22.00
15	16QAM	1	74	20.37	20.34	20.45	22.00
15	16QAM	36	0	20.37	20.51	20.38	22.00
15	16QAM	36	20	20.31	20.32	20.37	22.00
15	16QAM	36	39	20.27	20.47	20.40	22.00
15	16QAM	75	0	20.32	20.39	20.35	22.00
15	64QAM	1	0	20.36	20.44	20.33	22.00
15	64QAM	1	37	20.35	20.35	20.41	22.00
15	64QAM	1	74	20.42	20.37	20.33	22.00
15	64QAM	36	0	20.35	20.39	20.35	22.00
15	64QAM	36	20	20.38	20.47	20.41	22.00
15	64QAM	36	39	20.43	20.48	20.38	22.00
15	64QAM	75	0	20.40	20.42	20.42	22.00
15	256QAM	1	0	19.13	19.11	19.00	20.50
15	256QAM	1	37	19.11	19.01	19.09	20.50
15	256QAM	1	74	19.05	19.08	19.02	20.50
15	256QAM	36	0	19.15	19.02	18.98	20.50
15	256QAM	36	20	19.10	19.06	19.02	20.50
15	256QAM	36	39	19.10	19.12	18.94	20.50
15	256QAM	75	0	19.06	19.12	18.99	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.40	20.52	20.35	22.00
10	QPSK	1	25	20.41	20.52	20.35	22.00
10	QPSK	1	49	20.32	20.53	20.37	22.00
10	QPSK	25	0	20.42	20.43	20.42	22.00
10	QPSK	25	12	20.34	20.39	20.45	22.00
10	QPSK	25	25	20.46	20.44	20.38	22.00
10	QPSK	50	0	20.40	20.47	20.35	22.00
10	16QAM	1	0	20.43	20.40	20.40	22.00
10	16QAM	1	25	20.35	20.45	20.44	22.00

10	16QAM	1	49	20.34	20.42	20.43	22.00
10	16QAM	25	0	20.35	20.43	20.38	22.00
10	16QAM	25	12	20.44	20.33	20.28	22.00
10	16QAM	25	25	20.37	20.39	20.40	22.00
10	16QAM	50	0	20.42	20.53	20.36	22.00
10	64QAM	1	0	20.44	20.50	20.31	22.00
10	64QAM	1	25	20.40	20.38	20.47	22.00
10	64QAM	1	49	20.30	20.38	20.45	22.00
10	64QAM	25	0	20.35	20.31	20.40	22.00
10	64QAM	25	12	20.51	20.43	20.36	22.00
10	64QAM	25	25	20.46	20.49	20.46	22.00
10	64QAM	50	0	20.29	20.52	20.39	22.00
10	256QAM	1	0	19.08	19.08	18.90	20.50
10	256QAM	1	25	19.11	19.01	18.98	20.50
10	256QAM	1	49	19.05	19.07	19.06	20.50
10	256QAM	25	0	19.05	19.04	18.94	20.50
10	256QAM	25	12	18.98	19.07	19.03	20.50
10	256QAM	25	25	19.09	19.09	18.91	20.50
10	256QAM	50	0	19.02	19.10	19.06	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.39	20.45	20.38	22.00
5	QPSK	1	12	20.42	20.47	20.40	22.00
5	QPSK	1	24	20.30	20.51	20.37	22.00
5	QPSK	12	0	20.46	20.45	20.40	22.00
5	QPSK	12	7	20.36	20.37	20.43	22.00
5	QPSK	12	13	20.39	20.51	20.33	22.00
5	QPSK	25	0	20.32	20.48	20.41	22.00
5	16QAM	1	0	20.40	20.49	20.45	22.00
5	16QAM	1	12	20.26	20.39	20.36	22.00
5	16QAM	1	24	20.44	20.36	20.46	22.00
5	16QAM	12	0	20.40	20.44	20.28	22.00
5	16QAM	12	7	20.43	20.36	20.37	22.00
5	16QAM	12	13	20.40	20.35	20.33	22.00
5	16QAM	25	0	20.31	20.53	20.38	22.00
5	64QAM	1	0	20.39	20.42	20.37	22.00
5	64QAM	1	12	20.34	20.32	20.47	22.00
5	64QAM	1	24	20.32	20.39	20.43	22.00
5	64QAM	12	0	20.27	20.44	20.40	22.00
5	64QAM	12	7	20.49	20.52	20.39	22.00
5	64QAM	12	13	20.44	20.43	20.43	22.00
5	64QAM	25	0	20.40	20.43	20.38	22.00
5	256QAM	1	0	19.10	19.09	18.95	20.50
5	256QAM	1	12	19.12	19.10	19.05	20.50
5	256QAM	1	24	19.01	18.99	19.09	20.50
5	256QAM	12	0	19.07	19.02	18.90	20.50
5	256QAM	12	7	19.01	19.04	19.03	20.50
5	256QAM	12	13	19.04	19.10	19.02	20.50
5	256QAM	25	0	19.13	19.12	18.95	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.40	20.43	20.38	22.00
3	QPSK	1	8	20.41	20.49	20.35	22.00
3	QPSK	1	14	20.39	20.50	20.31	22.00
3	QPSK	8	0	20.47	20.47	20.43	22.00
3	QPSK	8	4	20.38	20.39	20.35	22.00
3	QPSK	8	7	20.39	20.52	20.36	22.00
3	QPSK	15	0	20.33	20.52	20.30	22.00
3	16QAM	1	0	20.37	20.41	20.37	22.00
3	16QAM	1	8	20.34	20.43	20.40	22.00
3	16QAM	1	14	20.46	20.44	20.45	22.00
3	16QAM	8	0	20.37	20.38	20.29	22.00
3	16QAM	8	4	20.31	20.39	20.26	22.00
3	16QAM	8	7	20.34	20.47	20.41	22.00
3	16QAM	15	0	20.31	20.49	20.29	22.00
3	64QAM	1	0	20.32	20.46	20.42	22.00
3	64QAM	1	8	20.33	20.42	20.44	22.00
3	64QAM	1	14	20.33	20.39	20.42	22.00
3	64QAM	8	0	20.34	20.32	20.46	22.00
3	64QAM	8	4	20.42	20.51	20.43	22.00
3	64QAM	8	7	20.44	20.47	20.43	22.00
3	64QAM	15	0	20.39	20.53	20.35	22.00
3	256QAM	1	0	19.09	19.16	18.93	20.50
3	256QAM	1	8	19.04	19.08	19.03	20.50
3	256QAM	1	14	19.10	19.07	19.04	20.50
3	256QAM	8	0	19.12	19.06	18.92	20.50
3	256QAM	8	4	19.00	19.08	19.00	20.50
3	256QAM	8	7	19.10	19.09	18.94	20.50

3	256QAM	15	0	19.00	19.09	18.97	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.47	20.51	20.35	22.00
1.4	QPSK	1	3	20.40	20.54	20.30	22.00
1.4	QPSK	1	5	20.39	20.46	20.28	22.00
1.4	QPSK	3	0	20.52	20.52	20.39	22.00
1.4	QPSK	3	1	20.43	20.41	20.36	22.00
1.4	QPSK	3	3	20.40	20.51	20.31	22.00
1.4	QPSK	6	0	20.30	20.40	20.39	22.00
1.4	16QAM	1	0	20.34	20.50	20.43	22.00
1.4	16QAM	1	3	20.38	20.37	20.41	22.00
1.4	16QAM	1	5	20.37	20.34	20.45	22.00
1.4	16QAM	3	0	20.29	20.48	20.35	22.00
1.4	16QAM	3	1	20.38	20.42	20.30	22.00
1.4	16QAM	3	3	20.30	20.39	20.34	22.00
1.4	16QAM	6	0	20.34	20.51	20.37	22.00
1.4	64QAM	1	0	20.33	20.51	20.34	22.00
1.4	64QAM	1	3	20.38	20.46	20.46	22.00
1.4	64QAM	1	5	20.37	20.44	20.44	22.00
1.4	64QAM	3	0	20.40	20.32	20.42	22.00
1.4	64QAM	3	1	20.41	20.44	20.42	22.00
1.4	64QAM	3	3	20.40	20.41	20.45	22.00
1.4	64QAM	6	0	20.36	20.48	20.36	22.00
1.4	256QAM	1	0	19.07	19.04	18.96	20.50
1.4	256QAM	1	3	19.02	19.07	18.97	20.50
1.4	256QAM	1	5	19.04	19.09	19.00	20.50
1.4	256QAM	3	0	19.10	19.08	18.91	20.50
1.4	256QAM	3	1	19.10	19.01	19.03	20.50
1.4	256QAM	3	3	19.04	19.14	19.01	20.50
1.4	256QAM	6	0	19.13	19.08	18.97	20.50

【LTE Band 2_Ant 3_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.67	20.68	20.65	22.00
20	QPSK	1	49	20.51	20.55	20.44	22.00
20	QPSK	1	99	20.43	20.55	20.40	22.00
20	QPSK	50	0	20.54	20.57	20.55	22.00
20	QPSK	50	24	20.44	20.46	20.49	22.00
20	QPSK	50	50	20.52	20.51	20.43	22.00
20	QPSK	100	0	20.44	20.53	20.42	22.00
20	16QAM	1	0	20.46	20.51	20.49	22.00
20	16QAM	1	49	20.41	20.49	20.47	22.00
20	16QAM	1	99	20.48	20.48	20.50	22.00
20	16QAM	50	0	20.42	20.53	20.40	22.00
20	16QAM	50	24	20.45	20.45	20.40	22.00
20	16QAM	50	50	20.42	20.49	20.48	22.00
20	16QAM	100	0	20.44	20.54	20.43	22.00
20	64QAM	1	0	20.46	20.55	20.45	22.00
20	64QAM	1	49	20.47	20.47	20.50	22.00
20	64QAM	1	99	20.44	20.48	20.47	22.00
20	64QAM	50	0	20.42	20.46	20.50	22.00
20	64QAM	50	24	20.52	20.54	20.48	22.00
20	64QAM	50	50	20.50	20.55	20.47	22.00
20	64QAM	100	0	20.42	20.57	20.45	22.00
20	256QAM	1	0	19.17	19.19	19.05	20.50
20	256QAM	1	49	19.13	19.12	19.10	20.50
20	256QAM	1	99	19.12	19.11	19.13	20.50
20	256QAM	50	0	19.18	19.15	19.05	20.50
20	256QAM	50	24	19.11	19.11	19.06	20.50
20	256QAM	50	50	19.17	19.17	19.05	20.50
20	256QAM	100	0	19.14	19.18	19.09	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.35	20.44	20.27	22.00
15	QPSK	1	37	20.44	20.45	20.41	22.00
15	QPSK	1	74	20.32	20.50	20.36	22.00
15	QPSK	36	0	20.48	20.47	20.49	22.00
15	QPSK	36	20	20.43	20.37	20.38	22.00

15	QPSK	36	39	20.50	20.51	20.29	22.00
15	QPSK	75	0	20.31	20.41	20.36	22.00
15	16QAM	1	0	20.43	20.42	20.40	22.00
15	16QAM	1	37	20.37	20.43	20.33	22.00
15	16QAM	1	74	20.37	20.34	20.45	22.00
15	16QAM	36	0	20.37	20.51	20.38	22.00
15	16QAM	36	20	20.31	20.32	20.37	22.00
15	16QAM	36	39	20.27	20.47	20.40	22.00
15	16QAM	75	0	20.32	20.39	20.35	22.00
15	64QAM	1	0	20.36	20.44	20.33	22.00
15	64QAM	1	37	20.35	20.35	20.41	22.00
15	64QAM	1	74	20.42	20.37	20.33	22.00
15	64QAM	36	0	20.35	20.39	20.35	22.00
15	64QAM	36	20	20.38	20.47	20.41	22.00
15	64QAM	36	39	20.43	20.48	20.38	22.00
15	64QAM	75	0	20.40	20.42	20.42	22.00
15	256QAM	1	0	19.13	19.11	19.00	20.50
15	256QAM	1	37	19.11	19.01	19.09	20.50
15	256QAM	1	74	19.05	19.08	19.02	20.50
15	256QAM	36	0	19.15	19.02	18.98	20.50
15	256QAM	36	20	19.10	19.06	19.02	20.50
15	256QAM	36	39	19.10	19.12	18.94	20.50
15	256QAM	75	0	19.06	19.12	18.99	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	20.40	20.52	20.35	22.00
10	QPSK	1	25	20.41	20.52	20.35	22.00
10	QPSK	1	49	20.32	20.53	20.37	22.00
10	QPSK	25	0	20.42	20.43	20.42	22.00
10	QPSK	25	12	20.34	20.39	20.45	22.00
10	QPSK	25	25	20.46	20.44	20.38	22.00
10	QPSK	50	0	20.40	20.47	20.35	22.00
10	16QAM	1	0	20.43	20.40	20.40	22.00
10	16QAM	1	25	20.35	20.45	20.44	22.00
10	16QAM	1	49	20.34	20.42	20.43	22.00
10	16QAM	25	0	20.35	20.43	20.38	22.00
10	16QAM	25	12	20.44	20.33	20.28	22.00
10	16QAM	25	25	20.37	20.39	20.40	22.00
10	16QAM	50	0	20.42	20.53	20.36	22.00
10	64QAM	1	0	20.44	20.50	20.31	22.00
10	64QAM	1	25	20.40	20.38	20.47	22.00
10	64QAM	1	49	20.30	20.38	20.45	22.00
10	64QAM	25	0	20.35	20.31	20.40	22.00
10	64QAM	25	12	20.51	20.43	20.36	22.00
10	64QAM	25	25	20.46	20.49	20.46	22.00
10	64QAM	50	0	20.29	20.52	20.39	22.00
10	256QAM	1	0	19.08	19.08	18.90	20.50
10	256QAM	1	25	19.11	19.01	18.98	20.50
10	256QAM	1	49	19.05	19.07	19.06	20.50
10	256QAM	25	0	19.05	19.04	18.94	20.50
10	256QAM	25	12	18.98	19.07	19.03	20.50
10	256QAM	25	25	19.09	19.09	18.91	20.50
10	256QAM	50	0	19.02	19.10	19.06	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.39	20.45	20.38	22.00
5	QPSK	1	12	20.42	20.47	20.40	22.00
5	QPSK	1	24	20.30	20.51	20.37	22.00
5	QPSK	12	0	20.46	20.45	20.40	22.00
5	QPSK	12	7	20.36	20.37	20.43	22.00
5	QPSK	12	13	20.39	20.51	20.33	22.00
5	QPSK	25	0	20.32	20.48	20.41	22.00
5	16QAM	1	0	20.40	20.49	20.45	22.00
5	16QAM	1	12	20.26	20.39	20.36	22.00
5	16QAM	1	24	20.44	20.36	20.46	22.00
5	16QAM	12	0	20.40	20.44	20.28	22.00
5	16QAM	12	7	20.43	20.36	20.37	22.00
5	16QAM	12	13	20.40	20.35	20.33	22.00
5	16QAM	25	0	20.31	20.53	20.38	22.00
5	64QAM	1	0	20.39	20.42	20.37	22.00
5	64QAM	1	12	20.34	20.32	20.47	22.00
5	64QAM	1	24	20.32	20.39	20.43	22.00
5	64QAM	12	0	20.27	20.44	20.40	22.00
5	64QAM	12	7	20.49	20.52	20.39	22.00
5	64QAM	12	13	20.44	20.43	20.43	22.00
5	64QAM	25	0	20.40	20.43	20.38	22.00
5	256QAM	1	0	19.10	19.09	18.95	20.50
5	256QAM	1	12	19.12	19.10	19.05	20.50

5	256QAM	1	24	19.01	18.99	19.09	20.50
5	256QAM	12	0	19.07	19.02	18.90	20.50
5	256QAM	12	7	19.01	19.04	19.03	20.50
5	256QAM	12	13	19.04	19.10	19.02	20.50
5	256QAM	25	0	19.13	19.12	18.95	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.40	20.43	20.38	22.00
3	QPSK	1	8	20.41	20.49	20.35	22.00
3	QPSK	1	14	20.39	20.50	20.31	22.00
3	QPSK	8	0	20.47	20.47	20.43	22.00
3	QPSK	8	4	20.38	20.39	20.35	22.00
3	QPSK	8	7	20.39	20.52	20.36	22.00
3	QPSK	15	0	20.33	20.52	20.30	22.00
3	16QAM	1	0	20.37	20.41	20.37	22.00
3	16QAM	1	8	20.34	20.43	20.40	22.00
3	16QAM	1	14	20.46	20.44	20.45	22.00
3	16QAM	8	0	20.37	20.38	20.29	22.00
3	16QAM	8	4	20.31	20.39	20.26	22.00
3	16QAM	8	7	20.34	20.47	20.41	22.00
3	16QAM	15	0	20.31	20.49	20.29	22.00
3	64QAM	1	0	20.32	20.46	20.42	22.00
3	64QAM	1	8	20.33	20.42	20.44	22.00
3	64QAM	1	14	20.33	20.39	20.42	22.00
3	64QAM	8	0	20.34	20.32	20.46	22.00
3	64QAM	8	4	20.42	20.51	20.43	22.00
3	64QAM	8	7	20.44	20.47	20.43	22.00
3	64QAM	15	0	20.39	20.53	20.35	22.00
3	256QAM	1	0	19.09	19.16	18.93	20.50
3	256QAM	1	8	19.04	19.08	19.03	20.50
3	256QAM	1	14	19.10	19.07	19.04	20.50
3	256QAM	8	0	19.12	19.06	18.92	20.50
3	256QAM	8	4	19.00	19.08	19.00	20.50
3	256QAM	8	7	19.10	19.09	18.94	20.50
3	256QAM	15	0	19.00	19.09	18.97	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.47	20.51	20.35	22.00
1.4	QPSK	1	3	20.40	20.54	20.30	22.00
1.4	QPSK	1	5	20.39	20.46	20.28	22.00
1.4	QPSK	3	0	20.52	20.52	20.39	22.00
1.4	QPSK	3	1	20.43	20.41	20.36	22.00
1.4	QPSK	3	3	20.40	20.51	20.31	22.00
1.4	QPSK	6	0	20.30	20.40	20.39	22.00
1.4	16QAM	1	0	20.34	20.50	20.43	22.00
1.4	16QAM	1	3	20.38	20.37	20.41	22.00
1.4	16QAM	1	5	20.37	20.34	20.45	22.00
1.4	16QAM	3	0	20.29	20.48	20.35	22.00
1.4	16QAM	3	1	20.38	20.42	20.30	22.00
1.4	16QAM	3	3	20.30	20.39	20.34	22.00
1.4	16QAM	6	0	20.34	20.51	20.37	22.00
1.4	64QAM	1	0	20.33	20.51	20.34	22.00
1.4	64QAM	1	3	20.38	20.46	20.46	22.00
1.4	64QAM	1	5	20.37	20.44	20.44	22.00
1.4	64QAM	3	0	20.40	20.32	20.42	22.00
1.4	64QAM	3	1	20.41	20.44	20.42	22.00
1.4	64QAM	3	3	20.40	20.41	20.45	22.00
1.4	64QAM	6	0	20.36	20.48	20.36	22.00
1.4	256QAM	1	0	19.07	19.04	18.96	20.50
1.4	256QAM	1	3	19.02	19.07	18.97	20.50
1.4	256QAM	1	5	19.04	19.09	19.00	20.50
1.4	256QAM	3	0	19.10	19.08	18.91	20.50
1.4	256QAM	3	1	19.10	19.01	19.03	20.50
1.4	256QAM	3	3	19.04	19.14	19.01	20.50
1.4	256QAM	6	0	19.13	19.08	18.97	20.50

【LTE Band 2_Ant 3_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.99	24.05	23.99	25.50
20	QPSK	1	49	23.86	23.95	23.90	25.50
20	QPSK	1	99	23.86	23.90	23.83	25.50
20	QPSK	50	0	23.01	23.15	23.10	24.50
20	QPSK	50	24	22.95	23.04	22.91	24.50
20	QPSK	50	50	22.93	23.05	23.03	24.50
20	QPSK	100	0	22.98	23.03	22.91	24.50
20	16QAM	1	0	22.98	23.02	22.90	24.50
20	16QAM	1	49	23.01	23.11	23.03	24.50
20	16QAM	1	99	22.92	23.06	22.97	24.50
20	16QAM	50	0	22.00	22.03	22.02	23.50
20	16QAM	50	24	21.98	22.06	21.98	23.50
20	16QAM	50	50	21.98	21.91	22.01	23.50
20	16QAM	100	0	22.01	22.02	21.93	23.50
20	64QAM	1	0	21.97	21.92	21.96	23.50
20	64QAM	1	49	22.04	21.93	21.95	23.50
20	64QAM	1	99	22.00	22.06	21.98	23.50
20	64QAM	50	0	20.97	20.92	20.91	22.50
20	64QAM	50	24	20.98	21.07	20.92	22.50
20	64QAM	50	50	20.99	20.98	20.98	22.50
20	64QAM	100	0	20.96	20.96	21.05	22.50
20	256QAM	1	0	18.97	19.05	19.07	20.50
20	256QAM	1	49	19.01	19.06	18.92	20.50
20	256QAM	1	99	19.03	19.08	19.07	20.50
20	256QAM	50	0	19.02	18.98	19.03	20.50
20	256QAM	50	24	18.98	18.99	18.95	20.50
20	256QAM	50	50	18.97	18.95	19.05	20.50
20	256QAM	100	0	18.96	19.12	19.00	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.87	23.91	23.92	25.50
15	QPSK	1	37	23.74	23.87	23.77	25.50
15	QPSK	1	74	23.81	23.83	23.69	25.50
15	QPSK	36	0	22.91	23.10	23.03	24.50
15	QPSK	36	20	22.82	22.99	22.88	24.50
15	QPSK	36	39	22.82	22.91	22.96	24.50
15	QPSK	75	0	22.93	22.95	22.90	24.50
15	16QAM	1	0	22.91	22.92	22.79	24.50
15	16QAM	1	37	22.91	23.06	22.90	24.50
15	16QAM	1	74	22.86	22.95	22.85	24.50
15	16QAM	36	0	21.88	21.99	21.88	23.50
15	16QAM	36	20	21.87	22.03	21.96	23.50
15	16QAM	36	39	21.88	21.83	21.87	23.50
15	16QAM	75	0	21.92	22.00	21.83	23.50
15	64QAM	1	0	21.96	21.90	21.86	23.50
15	64QAM	1	37	21.99	21.85	21.85	23.50
15	64QAM	1	74	21.96	22.01	21.94	23.50
15	64QAM	36	0	20.88	20.81	20.83	22.50
15	64QAM	36	20	20.86	21.03	20.83	22.50
15	64QAM	36	39	20.89	20.87	20.83	22.50
15	64QAM	75	0	20.86	20.92	20.94	22.50
15	256QAM	1	0	18.88	18.92	18.98	20.50
15	256QAM	1	37	18.99	18.94	18.77	20.50
15	256QAM	1	74	19.00	19.03	19.02	20.50
15	256QAM	36	0	18.87	18.94	18.95	20.50
15	256QAM	36	20	18.96	18.88	18.82	20.50
15	256QAM	36	39	18.87	18.90	19.00	20.50
15	256QAM	75	0	18.93	19.03	18.95	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.95	23.93	23.85	25.50
10	QPSK	1	25	23.85	23.89	23.79	25.50
10	QPSK	1	49	23.82	23.79	23.76	25.50
10	QPSK	25	0	22.96	23.02	23.07	24.50
10	QPSK	25	12	22.87	22.97	22.79	24.50
10	QPSK	25	25	22.81	22.97	22.94	24.50
10	QPSK	50	0	22.89	22.91	22.87	24.50
10	16QAM	1	0	22.91	22.90	22.76	24.50
10	16QAM	1	25	22.93	23.04	22.91	24.50

10	16QAM	1	49	22.86	23.02	22.84	24.50
10	16QAM	25	0	21.98	21.93	21.96	23.50
10	16QAM	25	12	21.95	21.95	21.92	23.50
10	16QAM	25	25	21.92	21.85	21.97	23.50
10	16QAM	50	0	21.90	21.94	21.92	23.50
10	64QAM	1	0	21.88	21.90	21.88	23.50
10	64QAM	1	25	21.91	21.88	21.89	23.50
10	64QAM	1	49	21.96	21.93	21.86	23.50
10	64QAM	25	0	20.87	20.84	20.89	22.50
10	64QAM	25	12	20.92	21.03	20.85	22.50
10	64QAM	25	25	20.84	20.93	20.86	22.50
10	64QAM	50	0	20.88	20.93	20.91	22.50
10	256QAM	1	0	18.95	18.98	18.97	20.50
10	256QAM	1	25	19.00	19.02	18.83	20.50
10	256QAM	1	49	19.00	18.99	19.00	20.50
10	256QAM	25	0	18.91	18.86	18.99	20.50
10	256QAM	25	12	18.89	18.84	18.93	20.50
10	256QAM	25	25	18.94	18.83	19.01	20.50
10	256QAM	50	0	18.88	19.03	18.88	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.88	23.90	23.98	25.50
5	QPSK	1	12	23.76	23.90	23.82	25.50
5	QPSK	1	24	23.71	23.84	23.78	25.50
5	QPSK	12	0	22.91	23.11	22.99	24.50
5	QPSK	12	7	22.82	22.90	22.88	24.50
5	QPSK	12	13	22.87	23.02	22.95	24.50
5	QPSK	25	0	22.92	22.95	22.82	24.50
5	16QAM	1	0	22.86	22.90	22.88	24.50
5	16QAM	1	12	22.91	23.04	22.96	24.50
5	16QAM	1	24	22.85	22.92	22.92	24.50
5	16QAM	12	0	21.95	21.99	22.01	23.50
5	16QAM	12	7	21.93	21.96	21.86	23.50
5	16QAM	12	13	21.91	21.86	21.93	23.50
5	16QAM	25	0	21.93	22.00	21.89	23.50
5	64QAM	1	0	21.92	21.81	21.88	23.50
5	64QAM	1	12	21.99	21.89	21.88	23.50
5	64QAM	1	24	21.86	22.01	21.85	23.50
5	64QAM	12	0	20.95	20.79	20.87	22.50
5	64QAM	12	7	20.91	21.04	20.82	22.50
5	64QAM	12	13	20.91	20.84	20.90	22.50
5	64QAM	25	0	20.91	20.92	20.91	22.50
5	256QAM	1	0	18.82	19.04	18.95	20.50
5	256QAM	1	12	18.87	18.94	18.84	20.50
5	256QAM	1	24	18.92	18.96	18.97	20.50
5	256QAM	12	0	18.97	18.85	19.01	20.50
5	256QAM	12	7	18.83	18.86	18.91	20.50
5	256QAM	12	13	18.85	18.89	18.93	20.50
5	256QAM	25	0	18.88	19.00	18.97	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.93	23.92	23.95	25.50
3	QPSK	1	8	23.78	23.93	23.87	25.50
3	QPSK	1	14	23.73	23.77	23.75	25.50
3	QPSK	8	0	22.99	23.11	23.08	24.50
3	QPSK	8	4	22.90	22.98	22.89	24.50
3	QPSK	8	7	22.88	23.03	22.92	24.50
3	QPSK	15	0	22.90	22.99	22.77	24.50
3	16QAM	1	0	22.91	22.92	22.82	24.50
3	16QAM	1	8	22.89	23.05	22.94	24.50
3	16QAM	1	14	22.89	23.02	22.90	24.50
3	16QAM	8	0	21.95	22.02	21.99	23.50
3	16QAM	8	4	21.87	21.95	21.89	23.50
3	16QAM	8	7	21.87	21.86	21.96	23.50
3	16QAM	15	0	21.94	21.90	21.92	23.50
3	64QAM	1	0	21.84	21.86	21.89	23.50
3	64QAM	1	8	21.94	21.86	21.85	23.50
3	64QAM	1	14	21.87	21.93	21.87	23.50
3	64QAM	8	0	20.82	20.86	20.88	22.50
3	64QAM	8	4	20.87	20.95	20.82	22.50
3	64QAM	8	7	20.96	20.87	20.90	22.50
3	64QAM	15	0	20.91	20.84	21.04	22.50
3	256QAM	1	0	18.94	18.93	18.96	20.50
3	256QAM	1	8	18.93	19.02	18.83	20.50
3	256QAM	1	14	18.98	18.99	18.99	20.50
3	256QAM	8	0	18.93	18.89	18.89	20.50
3	256QAM	8	4	18.88	18.94	18.92	20.50
3	256QAM	8	7	18.83	18.84	19.02	20.50

3	256QAM	15	0	18.91	18.98	18.87	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.87	23.90	23.89	25.50
1.4	QPSK	1	3	23.76	23.94	23.87	25.50
1.4	QPSK	1	5	23.74	23.89	23.77	25.50
1.4	QPSK	3	0	23.87	24.02	24.06	25.50
1.4	QPSK	3	1	23.87	23.91	23.79	25.50
1.4	QPSK	3	3	23.90	24.02	23.99	25.50
1.4	QPSK	6	0	22.87	22.95	22.89	24.50
1.4	16QAM	1	0	22.83	22.91	22.84	24.50
1.4	16QAM	1	3	22.89	23.08	22.90	24.50
1.4	16QAM	1	5	22.89	23.05	22.94	24.50
1.4	16QAM	3	0	22.98	22.93	22.96	24.50
1.4	16QAM	3	1	22.97	22.95	22.85	24.50
1.4	16QAM	3	3	22.85	22.86	22.97	24.50
1.4	16QAM	6	0	21.95	21.89	21.84	23.50
1.4	64QAM	1	0	21.96	21.89	21.85	23.50
1.4	64QAM	1	3	21.96	21.82	21.82	23.50
1.4	64QAM	1	5	21.93	22.04	21.83	23.50
1.4	64QAM	3	0	21.93	21.78	21.82	23.50
1.4	64QAM	3	1	21.92	22.04	21.88	23.50
1.4	64QAM	3	3	21.91	21.86	21.93	23.50
1.4	64QAM	6	0	20.92	20.89	21.02	22.50
1.4	256QAM	1	0	18.84	19.01	18.94	20.50
1.4	256QAM	1	3	18.90	18.95	18.90	20.50
1.4	256QAM	1	5	19.00	18.95	18.97	20.50
1.4	256QAM	3	0	18.99	18.96	18.93	20.50
1.4	256QAM	3	1	18.92	18.91	18.83	20.50
1.4	256QAM	3	3	18.96	18.89	18.94	20.50
1.4	256QAM	6	0	18.87	19.11	18.87	20.50

【LTE Band 2_Ant 3_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.67	20.68	20.65	22.00
20	QPSK	1	49	20.51	20.55	20.44	22.00
20	QPSK	1	99	20.43	20.55	20.40	22.00
20	QPSK	50	0	20.54	20.57	20.55	22.00
20	QPSK	50	24	20.44	20.46	20.49	22.00
20	QPSK	50	50	20.52	20.51	20.43	22.00
20	QPSK	100	0	20.44	20.53	20.42	22.00
20	16QAM	1	0	20.46	20.51	20.49	22.00
20	16QAM	1	49	20.41	20.49	20.47	22.00
20	16QAM	1	99	20.48	20.48	20.50	22.00
20	16QAM	50	0	20.42	20.53	20.40	22.00
20	16QAM	50	24	20.45	20.45	20.40	22.00
20	16QAM	50	50	20.42	20.49	20.48	22.00
20	16QAM	100	0	20.44	20.54	20.43	22.00
20	64QAM	1	0	20.46	20.55	20.45	22.00
20	64QAM	1	49	20.47	20.47	20.50	22.00
20	64QAM	1	99	20.44	20.48	20.47	22.00
20	64QAM	50	0	20.42	20.46	20.50	22.00
20	64QAM	50	24	20.52	20.54	20.48	22.00
20	64QAM	50	50	20.50	20.55	20.47	22.00
20	64QAM	100	0	20.42	20.57	20.45	22.00
20	256QAM	1	0	19.17	19.19	19.05	20.50
20	256QAM	1	49	19.13	19.12	19.10	20.50
20	256QAM	1	99	19.12	19.11	19.13	20.50
20	256QAM	50	0	19.18	19.15	19.05	20.50
20	256QAM	50	24	19.11	19.11	19.06	20.50
20	256QAM	50	50	19.17	19.17	19.05	20.50
20	256QAM	100	0	19.14	19.18	19.09	20.50
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.35	20.44	20.27	22.00
15	QPSK	1	37	20.44	20.45	20.41	22.00
15	QPSK	1	74	20.32	20.50	20.36	22.00
15	QPSK	36	0	20.48	20.47	20.49	22.00
15	QPSK	36	20	20.43	20.37	20.38	22.00

15	QPSK	36	39	20.50	20.51	20.29	22.00
15	QPSK	75	0	20.31	20.41	20.36	22.00
15	16QAM	1	0	20.43	20.42	20.40	22.00
15	16QAM	1	37	20.37	20.43	20.33	22.00
15	16QAM	1	74	20.37	20.34	20.45	22.00
15	16QAM	36	0	20.37	20.51	20.38	22.00
15	16QAM	36	20	20.31	20.32	20.37	22.00
15	16QAM	36	39	20.27	20.47	20.40	22.00
15	16QAM	75	0	20.32	20.39	20.35	22.00
15	64QAM	1	0	20.36	20.44	20.33	22.00
15	64QAM	1	37	20.35	20.35	20.41	22.00
15	64QAM	1	74	20.42	20.37	20.33	22.00
15	64QAM	36	0	20.35	20.39	20.35	22.00
15	64QAM	36	20	20.38	20.47	20.41	22.00
15	64QAM	36	39	20.43	20.48	20.38	22.00
15	64QAM	75	0	20.40	20.42	20.42	22.00
15	256QAM	1	0	19.13	19.11	19.00	20.50
15	256QAM	1	37	19.11	19.01	19.09	20.50
15	256QAM	1	74	19.05	19.08	19.02	20.50
15	256QAM	36	0	19.15	19.02	18.98	20.50
15	256QAM	36	20	19.10	19.06	19.02	20.50
15	256QAM	36	39	19.10	19.12	18.94	20.50
15	256QAM	75	0	19.06	19.12	18.99	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	20.40	20.52	20.35	22.00
10	QPSK	1	25	20.41	20.52	20.35	22.00
10	QPSK	1	49	20.32	20.53	20.37	22.00
10	QPSK	25	0	20.42	20.43	20.42	22.00
10	QPSK	25	12	20.34	20.39	20.45	22.00
10	QPSK	25	25	20.46	20.44	20.38	22.00
10	QPSK	50	0	20.40	20.47	20.35	22.00
10	16QAM	1	0	20.43	20.40	20.40	22.00
10	16QAM	1	25	20.35	20.45	20.44	22.00
10	16QAM	1	49	20.34	20.42	20.43	22.00
10	16QAM	25	0	20.35	20.43	20.38	22.00
10	16QAM	25	12	20.44	20.33	20.28	22.00
10	16QAM	25	25	20.37	20.39	20.40	22.00
10	16QAM	50	0	20.42	20.53	20.36	22.00
10	64QAM	1	0	20.44	20.50	20.31	22.00
10	64QAM	1	25	20.40	20.38	20.47	22.00
10	64QAM	1	49	20.30	20.38	20.45	22.00
10	64QAM	25	0	20.35	20.31	20.40	22.00
10	64QAM	25	12	20.51	20.43	20.36	22.00
10	64QAM	25	25	20.46	20.49	20.46	22.00
10	64QAM	50	0	20.29	20.52	20.39	22.00
10	256QAM	1	0	19.08	19.08	18.90	20.50
10	256QAM	1	25	19.11	19.01	18.98	20.50
10	256QAM	1	49	19.05	19.07	19.06	20.50
10	256QAM	25	0	19.05	19.04	18.94	20.50
10	256QAM	25	12	18.98	19.07	19.03	20.50
10	256QAM	25	25	19.09	19.09	18.91	20.50
10	256QAM	50	0	19.02	19.10	19.06	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.39	20.45	20.38	22.00
5	QPSK	1	12	20.42	20.47	20.40	22.00
5	QPSK	1	24	20.30	20.51	20.37	22.00
5	QPSK	12	0	20.46	20.45	20.40	22.00
5	QPSK	12	7	20.36	20.37	20.43	22.00
5	QPSK	12	13	20.39	20.51	20.33	22.00
5	QPSK	25	0	20.32	20.48	20.41	22.00
5	16QAM	1	0	20.40	20.49	20.45	22.00
5	16QAM	1	12	20.26	20.39	20.36	22.00
5	16QAM	1	24	20.44	20.36	20.46	22.00
5	16QAM	12	0	20.40	20.44	20.28	22.00
5	16QAM	12	7	20.43	20.36	20.37	22.00
5	16QAM	12	13	20.40	20.35	20.33	22.00
5	16QAM	25	0	20.31	20.53	20.38	22.00
5	64QAM	1	0	20.39	20.42	20.37	22.00
5	64QAM	1	12	20.34	20.32	20.47	22.00
5	64QAM	1	24	20.32	20.39	20.43	22.00
5	64QAM	12	0	20.27	20.44	20.40	22.00
5	64QAM	12	7	20.49	20.52	20.39	22.00
5	64QAM	12	13	20.44	20.43	20.43	22.00
5	64QAM	25	0	20.40	20.43	20.38	22.00
5	256QAM	1	0	19.10	19.09	18.95	20.50
5	256QAM	1	12	19.12	19.10	19.05	20.50

5	256QAM	1	24	19.01	18.99	19.09	20.50
5	256QAM	12	0	19.07	19.02	18.90	20.50
5	256QAM	12	7	19.01	19.04	19.03	20.50
5	256QAM	12	13	19.04	19.10	19.02	20.50
5	256QAM	25	0	19.13	19.12	18.95	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.40	20.43	20.38	22.00
3	QPSK	1	8	20.41	20.49	20.35	22.00
3	QPSK	1	14	20.39	20.50	20.31	22.00
3	QPSK	8	0	20.47	20.47	20.43	22.00
3	QPSK	8	4	20.38	20.39	20.35	22.00
3	QPSK	8	7	20.39	20.52	20.36	22.00
3	QPSK	15	0	20.33	20.52	20.30	22.00
3	16QAM	1	0	20.37	20.41	20.37	22.00
3	16QAM	1	8	20.34	20.43	20.40	22.00
3	16QAM	1	14	20.46	20.44	20.45	22.00
3	16QAM	8	0	20.37	20.38	20.29	22.00
3	16QAM	8	4	20.31	20.39	20.26	22.00
3	16QAM	8	7	20.34	20.47	20.41	22.00
3	16QAM	15	0	20.31	20.49	20.29	22.00
3	64QAM	1	0	20.32	20.46	20.42	22.00
3	64QAM	1	8	20.33	20.42	20.44	22.00
3	64QAM	1	14	20.33	20.39	20.42	22.00
3	64QAM	8	0	20.34	20.32	20.46	22.00
3	64QAM	8	4	20.42	20.51	20.43	22.00
3	64QAM	8	7	20.44	20.47	20.43	22.00
3	64QAM	15	0	20.39	20.53	20.35	22.00
3	256QAM	1	0	19.09	19.16	18.93	20.50
3	256QAM	1	8	19.04	19.08	19.03	20.50
3	256QAM	1	14	19.10	19.07	19.04	20.50
3	256QAM	8	0	19.12	19.06	18.92	20.50
3	256QAM	8	4	19.00	19.08	19.00	20.50
3	256QAM	8	7	19.10	19.09	18.94	20.50
3	256QAM	15	0	19.00	19.09	18.97	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.47	20.51	20.35	22.00
1.4	QPSK	1	3	20.40	20.54	20.30	22.00
1.4	QPSK	1	5	20.39	20.46	20.28	22.00
1.4	QPSK	3	0	20.52	20.52	20.39	22.00
1.4	QPSK	3	1	20.43	20.41	20.36	22.00
1.4	QPSK	3	3	20.40	20.51	20.31	22.00
1.4	QPSK	6	0	20.30	20.40	20.39	22.00
1.4	16QAM	1	0	20.34	20.50	20.43	22.00
1.4	16QAM	1	3	20.38	20.37	20.41	22.00
1.4	16QAM	1	5	20.37	20.34	20.45	22.00
1.4	16QAM	3	0	20.29	20.48	20.35	22.00
1.4	16QAM	3	1	20.38	20.42	20.30	22.00
1.4	16QAM	3	3	20.30	20.39	20.34	22.00
1.4	16QAM	6	0	20.34	20.51	20.37	22.00
1.4	64QAM	1	0	20.33	20.51	20.34	22.00
1.4	64QAM	1	3	20.38	20.46	20.46	22.00
1.4	64QAM	1	5	20.37	20.44	20.44	22.00
1.4	64QAM	3	0	20.40	20.32	20.42	22.00
1.4	64QAM	3	1	20.41	20.44	20.42	22.00
1.4	64QAM	3	3	20.40	20.41	20.45	22.00
1.4	64QAM	6	0	20.36	20.48	20.36	22.00
1.4	256QAM	1	0	19.07	19.04	18.96	20.50
1.4	256QAM	1	3	19.02	19.07	18.97	20.50
1.4	256QAM	1	5	19.04	19.09	19.00	20.50
1.4	256QAM	3	0	19.10	19.08	18.91	20.50
1.4	256QAM	3	1	19.10	19.01	19.03	20.50
1.4	256QAM	3	3	19.04	19.14	19.01	20.50
1.4	256QAM	6	0	19.13	19.08	18.97	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	23.98	24.02	24.01	25.50
20	QPSK	1	49	23.83	23.87	23.83	25.50
20	QPSK	1	99	23.89	23.86	23.87	25.50
20	QPSK	50	0	22.97	23.10	23.03	24.50
20	QPSK	50	24	23.04	23.01	22.99	24.50
20	QPSK	50	50	22.98	23.05	23.00	24.50
20	QPSK	100	0	22.99	23.04	22.96	24.50
20	16QAM	1	0	22.91	23.00	22.89	24.50
20	16QAM	1	49	22.94	23.03	23.01	24.50
20	16QAM	1	99	22.96	23.03	22.96	24.50
20	16QAM	50	0	22.00	22.09	21.94	23.50
20	16QAM	50	24	22.06	22.10	22.01	23.50
20	16QAM	50	50	21.98	21.90	21.99	23.50
20	16QAM	100	0	21.97	22.03	22.02	23.50
20	64QAM	1	0	21.99	21.95	22.01	23.50
20	64QAM	1	49	21.95	21.91	21.96	23.50
20	64QAM	1	99	22.02	21.98	21.98	23.50
20	64QAM	50	0	21.00	20.99	20.97	22.50
20	64QAM	50	24	20.95	21.07	20.94	22.50
20	64QAM	50	50	20.97	21.03	21.06	22.50
20	64QAM	100	0	20.97	21.02	20.96	22.50
20	256QAM	1	0	19.00	19.09	19.01	20.50
20	256QAM	1	49	19.04	19.04	18.94	20.50
20	256QAM	1	99	19.00	19.02	19.00	20.50
20	256QAM	50	0	19.06	19.08	18.92	20.50
20	256QAM	50	24	18.98	19.07	19.05	20.50
20	256QAM	50	50	18.89	18.93	19.04	20.50
20	256QAM	100	0	18.93	19.01	19.00	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.93	23.96	23.95	25.50
15	QPSK	1	37	23.71	23.76	23.70	25.50
15	QPSK	1	74	23.79	23.80	23.76	25.50
15	QPSK	36	0	22.90	22.96	22.91	24.50
15	QPSK	36	20	22.91	22.87	22.97	24.50
15	QPSK	36	39	22.92	22.98	22.98	24.50
15	QPSK	75	0	22.84	22.92	22.92	24.50
15	16QAM	1	0	22.77	22.98	22.78	24.50
15	16QAM	1	37	22.89	23.00	22.92	24.50
15	16QAM	1	74	22.87	23.01	22.82	24.50
15	16QAM	36	0	21.93	22.06	21.84	23.50
15	16QAM	36	20	21.96	21.99	21.99	23.50
15	16QAM	36	39	21.94	21.86	21.89	23.50
15	16QAM	75	0	21.84	21.92	21.89	23.50
15	64QAM	1	0	21.97	21.83	21.99	23.50
15	64QAM	1	37	21.90	21.89	21.86	23.50
15	64QAM	1	74	22.00	21.93	21.83	23.50
15	64QAM	36	0	20.87	20.94	20.94	22.50
15	64QAM	36	20	20.92	20.95	20.85	22.50
15	64QAM	36	39	20.94	21.01	20.92	22.50
15	64QAM	75	0	20.95	20.93	20.83	22.50
15	256QAM	1	0	18.97	18.98	18.94	20.50
15	256QAM	1	37	18.94	18.96	18.83	20.50
15	256QAM	1	74	18.89	18.94	18.95	20.50
15	256QAM	36	0	19.03	19.01	18.85	20.50
15	256QAM	36	20	18.86	19.02	19.02	20.50
15	256QAM	36	39	18.80	18.81	18.97	20.50
15	256QAM	75	0	18.87	18.99	18.96	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.88	23.98	23.91	25.50
10	QPSK	1	25	23.73	23.76	23.74	25.50
10	QPSK	1	49	23.79	23.71	23.80	25.50
10	QPSK	25	0	22.88	22.98	22.89	24.50
10	QPSK	25	12	22.89	22.87	22.89	24.50
10	QPSK	25	25	22.94	23.04	22.92	24.50
10	QPSK	50	0	22.88	22.97	22.84	24.50
10	16QAM	1	0	22.86	22.86	22.79	24.50
10	16QAM	1	25	22.82	22.98	22.94	24.50

10	16QAM	1	49	22.82	22.91	22.90	24.50
10	16QAM	25	0	21.94	22.01	21.79	23.50
10	16QAM	25	12	21.94	22.09	21.86	23.50
10	16QAM	25	25	21.92	21.83	21.90	23.50
10	16QAM	50	0	21.83	22.01	21.98	23.50
10	64QAM	1	0	21.87	21.81	21.91	23.50
10	64QAM	1	25	21.90	21.86	21.89	23.50
10	64QAM	1	49	22.00	21.92	21.84	23.50
10	64QAM	25	0	20.86	20.97	20.89	22.50
10	64QAM	25	12	20.81	20.92	20.83	22.50
10	64QAM	25	25	20.94	20.97	20.92	22.50
10	64QAM	50	0	20.91	20.98	20.88	22.50
10	256QAM	1	0	18.85	18.98	18.99	20.50
10	256QAM	1	25	18.96	18.94	18.80	20.50
10	256QAM	1	49	18.89	18.99	18.91	20.50
10	256QAM	25	0	18.93	18.94	18.83	20.50
10	256QAM	25	12	18.96	19.03	18.94	20.50
10	256QAM	25	25	18.77	18.92	19.03	20.50
10	256QAM	50	0	18.85	18.98	18.90	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.94	23.87	23.95	25.50
5	QPSK	1	12	23.79	23.73	23.73	25.50
5	QPSK	1	24	23.74	23.71	23.78	25.50
5	QPSK	12	0	22.86	23.01	23.02	24.50
5	QPSK	12	7	22.93	22.91	22.88	24.50
5	QPSK	12	13	22.88	22.91	22.97	24.50
5	QPSK	25	0	22.90	22.95	22.89	24.50
5	16QAM	1	0	22.76	22.93	22.83	24.50
5	16QAM	1	12	22.80	22.96	22.94	24.50
5	16QAM	1	24	22.84	23.01	22.88	24.50
5	16QAM	12	0	21.92	22.01	21.88	23.50
5	16QAM	12	7	22.00	21.97	21.99	23.50
5	16QAM	12	13	21.93	21.77	21.94	23.50
5	16QAM	25	0	21.83	21.94	21.89	23.50
5	64QAM	1	0	21.93	21.83	21.94	23.50
5	64QAM	1	12	21.87	21.84	21.91	23.50
5	64QAM	1	24	21.93	21.92	21.88	23.50
5	64QAM	12	0	20.95	20.92	20.85	22.50
5	64QAM	12	7	20.89	20.93	20.87	22.50
5	64QAM	12	13	20.89	21.01	21.04	22.50
5	64QAM	25	0	20.90	20.99	20.86	22.50
5	256QAM	1	0	18.87	18.94	18.87	20.50
5	256QAM	1	12	18.91	19.00	18.89	20.50
5	256QAM	1	24	18.86	18.89	18.87	20.50
5	256QAM	12	0	19.00	18.98	18.80	20.50
5	256QAM	12	7	18.96	18.96	18.95	20.50
5	256QAM	12	13	18.86	18.80	18.91	20.50
5	256QAM	25	0	18.85	18.98	18.91	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.85	23.97	23.95	25.50
3	QPSK	1	8	23.81	23.79	23.79	25.50
3	QPSK	1	14	23.83	23.81	23.74	25.50
3	QPSK	8	0	22.87	23.08	23.02	24.50
3	QPSK	8	4	22.99	22.90	22.88	24.50
3	QPSK	8	7	22.89	23.00	22.97	24.50
3	QPSK	15	0	22.89	22.91	22.92	24.50
3	16QAM	1	0	22.82	22.86	22.88	24.50
3	16QAM	1	8	22.90	22.97	22.87	24.50
3	16QAM	1	14	22.95	22.95	22.95	24.50
3	16QAM	8	0	21.91	22.08	21.90	23.50
3	16QAM	8	4	21.95	22.06	21.87	23.50
3	16QAM	8	7	21.94	21.76	21.84	23.50
3	16QAM	15	0	21.84	21.92	21.90	23.50
3	64QAM	1	0	21.86	21.83	22.00	23.50
3	64QAM	1	8	21.83	21.78	21.90	23.50
3	64QAM	1	14	21.98	21.87	21.91	23.50
3	64QAM	8	0	20.96	20.85	20.94	22.50
3	64QAM	8	4	20.93	20.97	20.79	22.50
3	64QAM	8	7	20.89	20.95	21.02	22.50
3	64QAM	15	0	20.88	20.88	20.83	22.50
3	256QAM	1	0	18.89	19.00	18.94	20.50
3	256QAM	1	8	18.99	18.94	18.91	20.50
3	256QAM	1	14	18.95	18.93	18.99	20.50
3	256QAM	8	0	19.03	19.02	18.84	20.50
3	256QAM	8	4	18.95	18.97	18.97	20.50
3	256QAM	8	7	18.81	18.83	18.93	20.50

3	256QAM	15	0	18.81	18.97	18.87	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.87	23.96	23.92	25.50
1.4	QPSK	1	3	23.71	23.80	23.70	25.50
1.4	QPSK	1	5	23.87	23.77	23.84	25.50
1.4	QPSK	3	0	23.87	24.00	23.99	25.50
1.4	QPSK	3	1	24.01	23.98	23.86	25.50
1.4	QPSK	3	3	23.94	23.93	23.88	25.50
1.4	QPSK	6	0	22.91	22.91	22.95	24.50
1.4	16QAM	1	0	22.88	22.87	22.80	24.50
1.4	16QAM	1	3	22.90	23.01	22.90	24.50
1.4	16QAM	1	5	22.86	22.97	22.88	24.50
1.4	16QAM	3	0	22.90	22.98	22.80	24.50
1.4	16QAM	3	1	23.01	22.96	22.88	24.50
1.4	16QAM	3	3	22.86	22.75	22.85	24.50
1.4	16QAM	6	0	21.84	21.90	21.90	23.50
1.4	64QAM	1	0	21.91	21.88	21.87	23.50
1.4	64QAM	1	3	21.83	21.82	21.92	23.50
1.4	64QAM	1	5	21.97	21.95	21.88	23.50
1.4	64QAM	3	0	21.87	21.87	21.89	23.50
1.4	64QAM	3	1	21.86	22.04	21.81	23.50
1.4	64QAM	3	3	21.84	21.92	21.91	23.50
1.4	64QAM	6	0	20.93	20.98	20.90	22.50
1.4	256QAM	1	0	18.99	19.00	18.93	20.50
1.4	256QAM	1	3	18.92	18.99	18.87	20.50
1.4	256QAM	1	5	18.90	18.97	18.86	20.50
1.4	256QAM	3	0	18.93	19.01	18.81	20.50
1.4	256QAM	3	1	18.86	18.97	18.90	20.50
1.4	256QAM	3	3	18.79	18.86	18.90	20.50
1.4	256QAM	6	0	18.88	18.87	18.98	20.50

【LTE Band 2_Ant 4_ECI 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	15.20	15.23	15.18	16.50
20	QPSK	1	49	15.01	15.10	15.02	16.50
20	QPSK	1	99	15.04	15.15	15.10	16.50
20	QPSK	50	0	15.15	15.21	15.18	16.50
20	QPSK	50	24	15.00	15.04	15.03	16.50
20	QPSK	50	50	15.06	15.05	15.04	16.50
20	QPSK	100	0	15.01	15.07	15.01	16.50
20	16QAM	1	0	15.01	15.05	15.06	16.50
20	16QAM	1	49	15.06	15.09	15.03	16.50
20	16QAM	1	99	15.00	15.10	15.09	16.50
20	16QAM	50	0	15.02	15.09	15.00	16.50
20	16QAM	50	24	15.11	15.04	15.07	16.50
20	16QAM	50	50	15.08	15.07	15.02	16.50
20	16QAM	100	0	15.10	15.12	15.03	16.50
20	64QAM	1	0	15.07	15.05	15.09	16.50
20	64QAM	1	49	15.04	15.12	15.09	16.50
20	64QAM	1	99	15.08	15.07	15.07	16.50
20	64QAM	50	0	15.06	15.07	15.01	16.50
20	64QAM	50	24	15.08	15.06	15.09	16.50
20	64QAM	50	50	15.02	15.07	15.10	16.50
20	64QAM	100	0	15.11	15.06	15.10	16.50
20	256QAM	1	0	15.05	15.05	15.02	16.50
20	256QAM	1	49	15.02	15.15	15.08	16.50
20	256QAM	1	99	15.07	15.11	15.00	16.50
20	256QAM	50	0	15.03	15.09	15.05	16.50
20	256QAM	50	24	15.03	15.05	15.09	16.50
20	256QAM	50	50	15.06	15.08	15.04	16.50
20	256QAM	100	0	15.01	15.10	15.05	16.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.06	15.19	15.15	16.50
15	QPSK	1	37	14.87	15.09	14.95	16.50
15	QPSK	1	74	14.99	15.09	15.01	16.50
15	QPSK	36	0	14.97	15.09	14.93	16.50
15	QPSK	36	20	14.90	14.91	15.02	16.50

15	QPSK	36	39	15.01	15.01	14.90	16.50
15	QPSK	75	0	14.94	14.97	14.97	16.50
15	16QAM	1	0	14.94	14.99	15.05	16.50
15	16QAM	1	37	14.94	15.03	14.88	16.50
15	16QAM	1	74	14.92	14.96	14.95	16.50
15	16QAM	36	0	14.87	14.99	14.88	16.50
15	16QAM	36	20	14.97	14.98	15.01	16.50
15	16QAM	36	39	15.04	14.99	14.90	16.50
15	16QAM	75	0	15.00	14.99	14.91	16.50
15	64QAM	1	0	14.94	14.93	15.07	16.50
15	64QAM	1	37	14.95	15.05	15.02	16.50
15	64QAM	1	74	15.06	15.00	14.93	16.50
15	64QAM	36	0	14.92	14.96	14.98	16.50
15	64QAM	36	20	14.94	14.98	15.04	16.50
15	64QAM	36	39	14.94	14.93	15.09	16.50
15	64QAM	75	0	15.06	14.99	14.99	16.50
15	256QAM	1	0	15.04	14.96	14.92	16.50
15	256QAM	1	37	14.88	15.03	15.04	16.50
15	256QAM	1	74	14.97	15.00	14.98	16.50
15	256QAM	36	0	14.89	15.03	14.99	16.50
15	256QAM	36	20	14.92	14.93	15.05	16.50
15	256QAM	36	39	15.03	15.04	15.03	16.50
15	256QAM	75	0	14.92	15.01	14.94	16.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	15.07	15.19	15.13	16.50
10	QPSK	1	25	14.87	15.05	14.99	16.50
10	QPSK	1	49	14.99	15.03	15.07	16.50
10	QPSK	25	0	14.93	14.99	15.03	16.50
10	QPSK	25	12	14.95	14.96	14.89	16.50
10	QPSK	25	25	14.92	15.03	14.91	16.50
10	QPSK	50	0	14.89	14.93	14.98	16.50
10	16QAM	1	0	14.95	14.93	14.96	16.50
10	16QAM	1	25	15.02	15.06	14.99	16.50
10	16QAM	1	49	14.94	15.08	14.98	16.50
10	16QAM	25	0	14.99	15.00	14.99	16.50
10	16QAM	25	12	14.97	15.00	15.06	16.50
10	16QAM	25	25	14.94	15.02	15.01	16.50
10	16QAM	50	0	15.09	15.09	15.00	16.50
10	64QAM	1	0	14.95	14.99	15.07	16.50
10	64QAM	1	25	14.90	15.06	15.02	16.50
10	64QAM	1	49	15.06	15.02	15.04	16.50
10	64QAM	25	0	15.00	15.04	14.93	16.50
10	64QAM	25	12	15.01	15.04	15.07	16.50
10	64QAM	25	25	14.92	14.96	14.99	16.50
10	64QAM	50	0	15.09	14.91	15.02	16.50
10	256QAM	1	0	14.97	14.97	14.96	16.50
10	256QAM	1	25	14.91	15.06	14.94	16.50
10	256QAM	1	49	14.95	15.03	14.88	16.50
10	256QAM	25	0	14.99	15.00	14.91	16.50
10	256QAM	25	12	15.01	14.92	14.94	16.50
10	256QAM	25	25	14.92	15.06	14.98	16.50
10	256QAM	50	0	15.00	15.04	14.93	16.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	15.05	15.20	15.07	16.50
5	QPSK	1	12	14.97	15.02	14.92	16.50
5	QPSK	1	24	14.96	15.03	15.02	16.50
5	QPSK	12	0	14.96	14.97	14.97	16.50
5	QPSK	12	7	14.96	14.98	14.91	16.50
5	QPSK	12	13	15.04	14.94	14.94	16.50
5	QPSK	25	0	14.96	15.02	14.96	16.50
5	16QAM	1	0	14.86	14.93	15.05	16.50
5	16QAM	1	12	15.00	14.94	14.93	16.50
5	16QAM	1	24	14.95	15.00	15.02	16.50
5	16QAM	12	0	14.99	14.98	14.94	16.50
5	16QAM	12	7	14.97	14.98	14.97	16.50
5	16QAM	12	13	14.98	15.02	14.92	16.50
5	16QAM	25	0	15.01	14.99	15.00	16.50
5	64QAM	1	0	15.04	15.03	15.03	16.50
5	64QAM	1	12	14.97	15.01	14.98	16.50
5	64QAM	1	24	14.96	14.98	15.02	16.50
5	64QAM	12	0	14.98	14.98	14.97	16.50
5	64QAM	12	7	14.94	14.99	15.04	16.50
5	64QAM	12	13	14.95	14.95	15.00	16.50
5	64QAM	25	0	15.09	14.97	15.09	16.50
5	256QAM	1	0	15.02	14.95	14.90	16.50
5	256QAM	1	12	14.99	15.08	14.96	16.50

5	256QAM	1	24	14.93	15.02	14.90	16.50
5	256QAM	12	0	14.95	15.04	14.93	16.50
5	256QAM	12	7	14.89	14.91	15.08	16.50
5	256QAM	12	13	14.97	15.06	14.92	16.50
5	256QAM	25	0	14.87	15.06	14.97	16.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	15.18	15.19	15.16	16.50
3	QPSK	1	8	14.92	14.96	14.93	16.50
3	QPSK	1	14	14.97	15.02	15.05	16.50
3	QPSK	8	0	14.98	14.99	14.99	16.50
3	QPSK	8	4	14.89	14.89	14.95	16.50
3	QPSK	8	7	14.97	14.94	15.00	16.50
3	QPSK	15	0	14.94	14.97	14.88	16.50
3	16QAM	1	0	14.93	14.96	14.92	16.50
3	16QAM	1	8	14.99	15.03	14.93	16.50
3	16QAM	1	14	14.96	15.00	14.96	16.50
3	16QAM	8	0	14.98	15.02	14.99	16.50
3	16QAM	8	4	15.05	14.96	14.96	16.50
3	16QAM	8	7	14.96	14.99	14.96	16.50
3	16QAM	15	0	14.96	15.05	14.95	16.50
3	64QAM	1	0	14.93	14.94	14.95	16.50
3	64QAM	1	8	14.94	15.08	15.04	16.50
3	64QAM	1	14	14.94	14.92	14.94	16.50
3	64QAM	8	0	15.01	14.94	14.88	16.50
3	64QAM	8	4	15.01	15.00	14.95	16.50
3	64QAM	8	7	14.87	14.93	14.96	16.50
3	64QAM	15	0	15.04	14.94	15.04	16.50
3	256QAM	1	0	14.98	15.01	14.94	16.50
3	256QAM	1	8	14.88	15.13	14.95	16.50
3	256QAM	1	14	15.02	15.02	14.88	16.50
3	256QAM	8	0	15.01	15.05	15.01	16.50
3	256QAM	8	4	14.89	15.02	15.00	16.50
3	256QAM	8	7	14.91	15.04	14.99	16.50
3	256QAM	15	0	14.94	15.07	14.94	16.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	15.06	15.12	15.13	16.50
1.4	QPSK	1	3	14.98	14.98	14.91	16.50
1.4	QPSK	1	5	14.98	15.04	15.01	16.50
1.4	QPSK	3	0	14.99	15.08	15.00	16.50
1.4	QPSK	3	1	14.87	15.00	15.02	16.50
1.4	QPSK	3	3	15.03	14.91	15.03	16.50
1.4	QPSK	6	0	14.96	14.99	14.87	16.50
1.4	16QAM	1	0	14.93	15.03	14.98	16.50
1.4	16QAM	1	3	15.05	15.01	14.96	16.50
1.4	16QAM	1	5	14.92	15.08	15.03	16.50
1.4	16QAM	3	0	14.92	15.05	14.92	16.50
1.4	16QAM	3	1	15.02	14.91	15.00	16.50
1.4	16QAM	3	3	15.01	15.02	14.90	16.50
1.4	16QAM	6	0	15.05	15.07	14.99	16.50
1.4	64QAM	1	0	14.94	14.94	14.94	16.50
1.4	64QAM	1	3	14.89	15.10	15.07	16.50
1.4	64QAM	1	5	14.96	14.94	15.04	16.50
1.4	64QAM	3	0	14.93	14.98	14.93	16.50
1.4	64QAM	3	1	15.06	15.04	14.95	16.50
1.4	64QAM	3	3	14.99	15.02	14.96	16.50
1.4	64QAM	6	0	15.03	15.04	14.99	16.50
1.4	256QAM	1	0	14.95	14.94	14.88	16.50
1.4	256QAM	1	3	14.92	15.03	14.98	16.50
1.4	256QAM	1	5	14.99	14.98	14.89	16.50
1.4	256QAM	3	0	14.91	15.02	14.91	16.50
1.4	256QAM	3	1	14.98	15.01	15.06	16.50
1.4	256QAM	3	3	14.94	14.97	14.92	16.50
1.4	256QAM	6	0	14.94	14.96	14.96	16.50

【LTE Band 2_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	19.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.95	17.98	17.92	19.00
20	QPSK	1	49	17.84	17.89	17.79	19.00
20	QPSK	1	99	17.86	17.83	17.80	19.00
20	QPSK	50	0	17.93	17.95	17.94	19.00
20	QPSK	50	24	17.84	17.82	17.81	19.00
20	QPSK	50	50	17.82	17.79	17.78	19.00
20	QPSK	100	0	17.83	17.85	17.82	19.00
20	16QAM	1	0	17.87	17.79	17.74	19.00
20	16QAM	1	49	17.83	17.85	17.81	19.00
20	16QAM	1	99	17.82	17.81	17.84	19.00
20	16QAM	50	0	17.79	17.81	17.78	19.00
20	16QAM	50	24	17.83	17.88	17.84	19.00
20	16QAM	50	50	17.79	17.85	17.76	19.00
20	16QAM	100	0	17.78	17.84	17.74	19.00
20	64QAM	1	0	17.79	17.84	17.74	19.00
20	64QAM	1	49	17.79	17.79	17.77	19.00
20	64QAM	1	99	17.76	17.81	17.80	19.00
20	64QAM	50	0	17.79	17.82	17.80	19.00
20	64QAM	50	24	17.85	17.88	17.79	19.00
20	64QAM	50	50	17.77	17.89	17.79	19.00
20	64QAM	100	0	17.77	17.79	17.75	19.00
20	256QAM	1	0	17.77	17.87	17.75	19.00
20	256QAM	1	49	17.84	17.88	17.76	19.00
20	256QAM	1	99	17.75	17.87	17.78	19.00
20	256QAM	50	0	17.83	17.79	17.78	19.00
20	256QAM	50	24	17.79	17.86	17.75	19.00
20	256QAM	50	50	17.83	17.82	17.84	19.00
20	256QAM	100	0	17.82	17.82	17.83	19.00
Channel				18675	18900	19125	19.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.86	17.87	17.86	19.00
15	QPSK	1	37	17.70	17.76	17.69	19.00
15	QPSK	1	74	17.79	17.73	17.71	19.00
15	QPSK	36	0	17.89	17.84	17.85	19.00
15	QPSK	36	20	17.82	17.74	17.79	19.00
15	QPSK	36	39	17.68	17.69	17.70	19.00
15	QPSK	75	0	17.76	17.77	17.76	19.00
15	16QAM	1	0	17.78	17.76	17.69	19.00
15	16QAM	1	37	17.79	17.70	17.71	19.00
15	16QAM	1	74	17.69	17.68	17.77	19.00
15	16QAM	36	0	17.76	17.79	17.66	19.00
15	16QAM	36	20	17.70	17.81	17.81	19.00
15	16QAM	36	39	17.67	17.74	17.65	19.00
15	16QAM	75	0	17.69	17.80	17.67	19.00
15	64QAM	1	0	17.65	17.71	17.70	19.00
15	64QAM	1	37	17.71	17.66	17.64	19.00
15	64QAM	1	74	17.68	17.75	17.78	19.00
15	64QAM	36	0	17.69	17.73	17.77	19.00
15	64QAM	36	20	17.82	17.81	17.67	19.00
15	64QAM	36	39	17.73	17.76	17.71	19.00
15	64QAM	75	0	17.68	17.77	17.72	19.00
15	256QAM	1	0	17.64	17.75	17.63	19.00
15	256QAM	1	37	17.71	17.85	17.72	19.00
15	256QAM	1	74	17.73	17.74	17.67	19.00
15	256QAM	36	0	17.82	17.65	17.63	19.00
15	256QAM	36	20	17.73	17.82	17.64	19.00
15	256QAM	36	39	17.72	17.78	17.70	19.00
15	256QAM	75	0	17.69	17.73	17.82	19.00
Channel				18650	18900	19150	19.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.86	17.91	17.91	19.00
10	QPSK	1	25	17.82	17.79	17.77	19.00
10	QPSK	1	49	17.71	17.72	17.66	19.00
10	QPSK	25	0	17.82	17.86	17.86	19.00
10	QPSK	25	12	17.82	17.77	17.77	19.00
10	QPSK	25	25	17.77	17.77	17.68	19.00
10	QPSK	50	0	17.74	17.81	17.74	19.00
10	16QAM	1	0	17.83	17.76	17.69	19.00
10	16QAM	1	25	17.78	17.78	17.79	19.00

10	16QAM	1	49	17.73	17.75	17.78	19.00
10	16QAM	25	0	17.77	17.72	17.76	19.00
10	16QAM	25	12	17.82	17.81	17.82	19.00
10	16QAM	25	25	17.69	17.81	17.62	19.00
10	16QAM	50	0	17.67	17.78	17.61	19.00
10	64QAM	1	0	17.68	17.72	17.60	19.00
10	64QAM	1	25	17.73	17.64	17.75	19.00
10	64QAM	1	49	17.67	17.68	17.74	19.00
10	64QAM	25	0	17.67	17.80	17.70	19.00
10	64QAM	25	12	17.79	17.74	17.76	19.00
10	64QAM	25	25	17.74	17.87	17.66	19.00
10	64QAM	50	0	17.63	17.65	17.65	19.00
10	256QAM	1	0	17.67	17.83	17.69	19.00
10	256QAM	1	25	17.72	17.86	17.71	19.00
10	256QAM	1	49	17.61	17.82	17.70	19.00
10	256QAM	25	0	17.73	17.73	17.66	19.00
10	256QAM	25	12	17.75	17.83	17.62	19.00
10	256QAM	25	25	17.80	17.76	17.70	19.00
10	256QAM	50	0	17.69	17.77	17.69	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.87	17.90	17.87	19.00
5	QPSK	1	12	17.73	17.80	17.69	19.00
5	QPSK	1	24	17.77	17.77	17.66	19.00
5	QPSK	12	0	17.85	17.88	17.90	19.00
5	QPSK	12	7	17.74	17.77	17.72	19.00
5	QPSK	12	13	17.67	17.75	17.68	19.00
5	QPSK	25	0	17.78	17.80	17.77	19.00
5	16QAM	1	0	17.79	17.72	17.63	19.00
5	16QAM	1	12	17.71	17.76	17.73	19.00
5	16QAM	1	24	17.80	17.75	17.75	19.00
5	16QAM	12	0	17.66	17.66	17.65	19.00
5	16QAM	12	7	17.70	17.85	17.71	19.00
5	16QAM	12	13	17.74	17.79	17.64	19.00
5	16QAM	25	0	17.68	17.70	17.60	19.00
5	64QAM	1	0	17.67	17.80	17.69	19.00
5	64QAM	1	12	17.66	17.73	17.64	19.00
5	64QAM	1	24	17.64	17.77	17.73	19.00
5	64QAM	12	0	17.76	17.72	17.67	19.00
5	64QAM	12	7	17.81	17.75	17.71	19.00
5	64QAM	12	13	17.70	17.84	17.70	19.00
5	64QAM	25	0	17.65	17.72	17.71	19.00
5	256QAM	1	0	17.64	17.82	17.61	19.00
5	256QAM	1	12	17.70	17.73	17.69	19.00
5	256QAM	1	24	17.70	17.84	17.73	19.00
5	256QAM	12	0	17.76	17.69	17.64	19.00
5	256QAM	12	7	17.70	17.79	17.67	19.00
5	256QAM	12	13	17.73	17.69	17.70	19.00
5	256QAM	25	0	17.72	17.77	17.82	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.86	17.93	17.85	19.00
3	QPSK	1	8	17.69	17.87	17.69	19.00
3	QPSK	1	14	17.72	17.72	17.73	19.00
3	QPSK	8	0	17.91	17.81	17.85	19.00
3	QPSK	8	4	17.71	17.81	17.73	19.00
3	QPSK	8	7	17.68	17.66	17.63	19.00
3	QPSK	15	0	17.79	17.81	17.73	19.00
3	16QAM	1	0	17.85	17.69	17.67	19.00
3	16QAM	1	8	17.72	17.83	17.67	19.00
3	16QAM	1	14	17.69	17.73	17.73	19.00
3	16QAM	8	0	17.73	17.77	17.75	19.00
3	16QAM	8	4	17.80	17.83	17.71	19.00
3	16QAM	8	7	17.77	17.78	17.71	19.00
3	16QAM	15	0	17.73	17.69	17.70	19.00
3	64QAM	1	0	17.78	17.80	17.61	19.00
3	64QAM	1	8	17.77	17.77	17.67	19.00
3	64QAM	1	14	17.62	17.66	17.69	19.00
3	64QAM	8	0	17.76	17.74	17.67	19.00
3	64QAM	8	4	17.81	17.73	17.77	19.00
3	64QAM	8	7	17.74	17.84	17.67	19.00
3	64QAM	15	0	17.70	17.72	17.67	19.00
3	256QAM	1	0	17.75	17.83	17.74	19.00
3	256QAM	1	8	17.74	17.77	17.73	19.00
3	256QAM	1	14	17.66	17.85	17.72	19.00
3	256QAM	8	0	17.81	17.74	17.75	19.00
3	256QAM	8	4	17.70	17.74	17.72	19.00
3	256QAM	8	7	17.82	17.69	17.74	19.00

3	256QAM	15	0	17.74	17.78	17.75	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.91	17.93	17.80	19.00
1.4	QPSK	1	3	17.81	17.75	17.68	19.00
1.4	QPSK	1	5	17.75	17.77	17.72	19.00
1.4	QPSK	3	0	17.85	17.88	17.88	19.00
1.4	QPSK	3	1	17.74	17.71	17.69	19.00
1.4	QPSK	3	3	17.78	17.77	17.72	19.00
1.4	QPSK	6	0	17.74	17.77	17.68	19.00
1.4	16QAM	1	0	17.80	17.75	17.69	19.00
1.4	16QAM	1	3	17.79	17.77	17.78	19.00
1.4	16QAM	1	5	17.72	17.69	17.73	19.00
1.4	16QAM	3	0	17.74	17.79	17.64	19.00
1.4	16QAM	3	1	17.71	17.79	17.82	19.00
1.4	16QAM	3	3	17.73	17.76	17.63	19.00
1.4	16QAM	6	0	17.73	17.71	17.66	19.00
1.4	64QAM	1	0	17.73	17.69	17.66	19.00
1.4	64QAM	1	3	17.72	17.77	17.74	19.00
1.4	64QAM	1	5	17.62	17.80	17.68	19.00
1.4	64QAM	3	0	17.78	17.73	17.67	19.00
1.4	64QAM	3	1	17.76	17.77	17.71	19.00
1.4	64QAM	3	3	17.62	17.77	17.66	19.00
1.4	64QAM	6	0	17.67	17.71	17.69	19.00
1.4	256QAM	1	0	17.70	17.78	17.61	19.00
1.4	256QAM	1	3	17.76	17.87	17.75	19.00
1.4	256QAM	1	5	17.71	17.75	17.64	19.00
1.4	256QAM	3	0	17.72	17.65	17.71	19.00
1.4	256QAM	3	1	17.75	17.72	17.69	19.00
1.4	256QAM	3	3	17.75	17.80	17.80	19.00
1.4	256QAM	6	0	17.80	17.69	17.82	19.00

【LTE Band 2_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.95	17.98	17.92	19.00
20	QPSK	1	49	17.84	17.89	17.79	19.00
20	QPSK	1	99	17.86	17.83	17.80	19.00
20	QPSK	50	0	17.93	17.95	17.94	19.00
20	QPSK	50	24	17.84	17.82	17.81	19.00
20	QPSK	50	50	17.82	17.79	17.78	19.00
20	QPSK	100	0	17.83	17.85	17.82	19.00
20	16QAM	1	0	17.87	17.79	17.74	19.00
20	16QAM	1	49	17.83	17.85	17.81	19.00
20	16QAM	1	99	17.82	17.81	17.84	19.00
20	16QAM	50	0	17.79	17.81	17.78	19.00
20	16QAM	50	24	17.83	17.88	17.84	19.00
20	16QAM	50	50	17.79	17.85	17.76	19.00
20	16QAM	100	0	17.78	17.84	17.74	19.00
20	64QAM	1	0	17.79	17.84	17.74	19.00
20	64QAM	1	49	17.79	17.79	17.77	19.00
20	64QAM	1	99	17.76	17.81	17.80	19.00
20	64QAM	50	0	17.79	17.82	17.80	19.00
20	64QAM	50	24	17.85	17.88	17.79	19.00
20	64QAM	50	50	17.77	17.89	17.79	19.00
20	64QAM	100	0	17.77	17.79	17.75	19.00
20	256QAM	1	0	17.77	17.87	17.75	19.00
20	256QAM	1	49	17.84	17.88	17.76	19.00
20	256QAM	1	99	17.75	17.87	17.78	19.00
20	256QAM	50	0	17.83	17.79	17.78	19.00
20	256QAM	50	24	17.79	17.86	17.75	19.00
20	256QAM	50	50	17.83	17.82	17.84	19.00
20	256QAM	100	0	17.82	17.82	17.83	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.86	17.87	17.86	19.00
15	QPSK	1	37	17.70	17.76	17.69	19.00
15	QPSK	1	74	17.79	17.73	17.71	19.00
15	QPSK	36	0	17.89	17.84	17.85	19.00
15	QPSK	36	20	17.82	17.74	17.79	19.00

15	QPSK	36	39	17.68	17.69	17.70	19.00
15	QPSK	75	0	17.76	17.77	17.76	19.00
15	16QAM	1	0	17.78	17.76	17.69	19.00
15	16QAM	1	37	17.79	17.70	17.71	19.00
15	16QAM	1	74	17.69	17.68	17.77	19.00
15	16QAM	36	0	17.76	17.79	17.66	19.00
15	16QAM	36	20	17.70	17.81	17.81	19.00
15	16QAM	36	39	17.67	17.74	17.65	19.00
15	16QAM	75	0	17.69	17.80	17.67	19.00
15	64QAM	1	0	17.65	17.71	17.70	19.00
15	64QAM	1	37	17.71	17.66	17.64	19.00
15	64QAM	1	74	17.68	17.75	17.78	19.00
15	64QAM	36	0	17.69	17.73	17.77	19.00
15	64QAM	36	20	17.82	17.81	17.67	19.00
15	64QAM	36	39	17.73	17.76	17.71	19.00
15	64QAM	75	0	17.68	17.77	17.72	19.00
15	256QAM	1	0	17.64	17.75	17.63	19.00
15	256QAM	1	37	17.71	17.85	17.72	19.00
15	256QAM	1	74	17.73	17.74	17.67	19.00
15	256QAM	36	0	17.82	17.65	17.63	19.00
15	256QAM	36	20	17.73	17.82	17.64	19.00
15	256QAM	36	39	17.72	17.78	17.70	19.00
15	256QAM	75	0	17.69	17.73	17.82	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.86	17.91	17.91	19.00
10	QPSK	1	25	17.82	17.79	17.77	19.00
10	QPSK	1	49	17.71	17.72	17.66	19.00
10	QPSK	25	0	17.82	17.86	17.86	19.00
10	QPSK	25	12	17.82	17.77	17.77	19.00
10	QPSK	25	25	17.77	17.77	17.68	19.00
10	QPSK	50	0	17.74	17.81	17.74	19.00
10	16QAM	1	0	17.83	17.76	17.69	19.00
10	16QAM	1	25	17.78	17.78	17.79	19.00
10	16QAM	1	49	17.73	17.75	17.78	19.00
10	16QAM	25	0	17.77	17.72	17.76	19.00
10	16QAM	25	12	17.82	17.81	17.82	19.00
10	16QAM	25	25	17.69	17.81	17.62	19.00
10	16QAM	50	0	17.67	17.78	17.61	19.00
10	64QAM	1	0	17.68	17.72	17.60	19.00
10	64QAM	1	25	17.73	17.64	17.75	19.00
10	64QAM	1	49	17.67	17.68	17.74	19.00
10	64QAM	25	0	17.67	17.80	17.70	19.00
10	64QAM	25	12	17.79	17.74	17.76	19.00
10	64QAM	25	25	17.74	17.87	17.66	19.00
10	64QAM	50	0	17.63	17.65	17.65	19.00
10	256QAM	1	0	17.67	17.83	17.69	19.00
10	256QAM	1	25	17.72	17.86	17.71	19.00
10	256QAM	1	49	17.61	17.82	17.70	19.00
10	256QAM	25	0	17.73	17.73	17.66	19.00
10	256QAM	25	12	17.75	17.83	17.62	19.00
10	256QAM	25	25	17.80	17.76	17.70	19.00
10	256QAM	50	0	17.69	17.77	17.69	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.87	17.90	17.87	19.00
5	QPSK	1	12	17.73	17.80	17.69	19.00
5	QPSK	1	24	17.77	17.77	17.66	19.00
5	QPSK	12	0	17.85	17.88	17.90	19.00
5	QPSK	12	7	17.74	17.77	17.72	19.00
5	QPSK	12	13	17.67	17.75	17.68	19.00
5	QPSK	25	0	17.78	17.80	17.77	19.00
5	16QAM	1	0	17.79	17.72	17.63	19.00
5	16QAM	1	12	17.71	17.76	17.73	19.00
5	16QAM	1	24	17.80	17.75	17.75	19.00
5	16QAM	12	0	17.66	17.66	17.65	19.00
5	16QAM	12	7	17.70	17.85	17.71	19.00
5	16QAM	12	13	17.74	17.79	17.64	19.00
5	16QAM	25	0	17.68	17.70	17.60	19.00
5	64QAM	1	0	17.67	17.80	17.69	19.00
5	64QAM	1	12	17.66	17.73	17.64	19.00
5	64QAM	1	24	17.64	17.77	17.73	19.00
5	64QAM	12	0	17.76	17.72	17.67	19.00
5	64QAM	12	7	17.81	17.75	17.71	19.00
5	64QAM	12	13	17.70	17.84	17.70	19.00
5	64QAM	25	0	17.65	17.72	17.71	19.00
5	256QAM	1	0	17.64	17.82	17.61	19.00
5	256QAM	1	12	17.70	17.73	17.69	19.00

5	256QAM	1	24	17.70	17.84	17.73	19.00
5	256QAM	12	0	17.76	17.69	17.64	19.00
5	256QAM	12	7	17.70	17.79	17.67	19.00
5	256QAM	12	13	17.73	17.69	17.70	19.00
5	256QAM	25	0	17.72	17.77	17.82	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.86	17.93	17.85	19.00
3	QPSK	1	8	17.69	17.87	17.69	19.00
3	QPSK	1	14	17.72	17.72	17.73	19.00
3	QPSK	8	0	17.91	17.81	17.85	19.00
3	QPSK	8	4	17.71	17.81	17.73	19.00
3	QPSK	8	7	17.68	17.66	17.63	19.00
3	QPSK	15	0	17.79	17.81	17.73	19.00
3	16QAM	1	0	17.85	17.69	17.67	19.00
3	16QAM	1	8	17.72	17.83	17.67	19.00
3	16QAM	1	14	17.69	17.73	17.73	19.00
3	16QAM	8	0	17.73	17.77	17.75	19.00
3	16QAM	8	4	17.80	17.83	17.71	19.00
3	16QAM	8	7	17.77	17.78	17.71	19.00
3	16QAM	15	0	17.73	17.69	17.70	19.00
3	64QAM	1	0	17.78	17.80	17.61	19.00
3	64QAM	1	8	17.77	17.77	17.67	19.00
3	64QAM	1	14	17.62	17.66	17.69	19.00
3	64QAM	8	0	17.76	17.74	17.67	19.00
3	64QAM	8	4	17.81	17.73	17.77	19.00
3	64QAM	8	7	17.74	17.84	17.67	19.00
3	64QAM	15	0	17.70	17.72	17.67	19.00
3	256QAM	1	0	17.75	17.83	17.74	19.00
3	256QAM	1	8	17.74	17.77	17.73	19.00
3	256QAM	1	14	17.66	17.85	17.72	19.00
3	256QAM	8	0	17.81	17.74	17.75	19.00
3	256QAM	8	4	17.70	17.74	17.72	19.00
3	256QAM	8	7	17.82	17.69	17.74	19.00
3	256QAM	15	0	17.74	17.78	17.75	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.91	17.93	17.80	19.00
1.4	QPSK	1	3	17.81	17.75	17.68	19.00
1.4	QPSK	1	5	17.75	17.77	17.72	19.00
1.4	QPSK	3	0	17.85	17.88	17.88	19.00
1.4	QPSK	3	1	17.74	17.71	17.69	19.00
1.4	QPSK	3	3	17.78	17.77	17.72	19.00
1.4	QPSK	6	0	17.74	17.77	17.68	19.00
1.4	16QAM	1	0	17.80	17.75	17.69	19.00
1.4	16QAM	1	3	17.79	17.77	17.78	19.00
1.4	16QAM	1	5	17.72	17.69	17.73	19.00
1.4	16QAM	3	0	17.74	17.79	17.64	19.00
1.4	16QAM	3	1	17.71	17.79	17.82	19.00
1.4	16QAM	3	3	17.73	17.76	17.63	19.00
1.4	16QAM	6	0	17.73	17.71	17.66	19.00
1.4	64QAM	1	0	17.73	17.69	17.66	19.00
1.4	64QAM	1	3	17.72	17.77	17.74	19.00
1.4	64QAM	1	5	17.62	17.80	17.68	19.00
1.4	64QAM	3	0	17.78	17.73	17.67	19.00
1.4	64QAM	3	1	17.76	17.77	17.71	19.00
1.4	64QAM	3	3	17.62	17.77	17.66	19.00
1.4	64QAM	6	0	17.67	17.71	17.69	19.00
1.4	256QAM	1	0	17.70	17.78	17.61	19.00
1.4	256QAM	1	3	17.76	17.87	17.75	19.00
1.4	256QAM	1	5	17.71	17.75	17.64	19.00
1.4	256QAM	3	0	17.72	17.65	17.71	19.00
1.4	256QAM	3	1	17.75	17.72	17.69	19.00
1.4	256QAM	3	3	17.75	17.80	17.80	19.00
1.4	256QAM	6	0	17.80	17.69	17.82	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.20	15.23	15.18	16.50
20	QPSK	1	49	15.01	15.10	15.02	16.50
20	QPSK	1	99	15.04	15.15	15.10	16.50
20	QPSK	50	0	15.15	15.21	15.18	16.50
20	QPSK	50	24	15.00	15.04	15.03	16.50
20	QPSK	50	50	15.06	15.05	15.04	16.50
20	QPSK	100	0	15.01	15.07	15.01	16.50
20	16QAM	1	0	15.01	15.05	15.06	16.50
20	16QAM	1	49	15.06	15.09	15.03	16.50
20	16QAM	1	99	15.00	15.10	15.09	16.50
20	16QAM	50	0	15.02	15.09	15.00	16.50
20	16QAM	50	24	15.11	15.04	15.07	16.50
20	16QAM	50	50	15.08	15.07	15.02	16.50
20	16QAM	100	0	15.10	15.12	15.03	16.50
20	64QAM	1	0	15.07	15.05	15.09	16.50
20	64QAM	1	49	15.04	15.12	15.09	16.50
20	64QAM	1	99	15.08	15.07	15.07	16.50
20	64QAM	50	0	15.06	15.07	15.01	16.50
20	64QAM	50	24	15.08	15.06	15.09	16.50
20	64QAM	50	50	15.02	15.07	15.10	16.50
20	64QAM	100	0	15.11	15.06	15.10	16.50
20	256QAM	1	0	15.05	15.05	15.02	16.50
20	256QAM	1	49	15.02	15.15	15.08	16.50
20	256QAM	1	99	15.07	15.11	15.00	16.50
20	256QAM	50	0	15.03	15.09	15.05	16.50
20	256QAM	50	24	15.03	15.05	15.09	16.50
20	256QAM	50	50	15.06	15.08	15.04	16.50
20	256QAM	100	0	15.01	15.10	15.05	16.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.06	15.19	15.15	16.50
15	QPSK	1	37	14.87	15.09	14.95	16.50
15	QPSK	1	74	14.99	15.09	15.01	16.50
15	QPSK	36	0	14.97	15.09	14.93	16.50
15	QPSK	36	20	14.90	14.91	15.02	16.50
15	QPSK	36	39	15.01	15.01	14.90	16.50
15	QPSK	75	0	14.94	14.97	14.97	16.50
15	16QAM	1	0	14.94	14.99	15.05	16.50
15	16QAM	1	37	14.94	15.03	14.88	16.50
15	16QAM	1	74	14.92	14.96	14.95	16.50
15	16QAM	36	0	14.87	14.99	14.88	16.50
15	16QAM	36	20	14.97	14.98	15.01	16.50
15	16QAM	36	39	15.04	14.99	14.90	16.50
15	16QAM	75	0	15.00	14.99	14.91	16.50
15	64QAM	1	0	14.94	14.93	15.07	16.50
15	64QAM	1	37	14.95	15.05	15.02	16.50
15	64QAM	1	74	15.06	15.00	14.93	16.50
15	64QAM	36	0	14.92	14.96	14.98	16.50
15	64QAM	36	20	14.94	14.98	15.04	16.50
15	64QAM	36	39	14.94	14.93	15.09	16.50
15	64QAM	75	0	15.06	14.99	14.99	16.50
15	256QAM	1	0	15.04	14.96	14.92	16.50
15	256QAM	1	37	14.88	15.03	15.04	16.50
15	256QAM	1	74	14.97	15.00	14.98	16.50
15	256QAM	36	0	14.89	15.03	14.99	16.50
15	256QAM	36	20	14.92	14.93	15.05	16.50
15	256QAM	36	39	15.03	15.04	15.03	16.50
15	256QAM	75	0	14.92	15.01	14.94	16.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.07	15.19	15.13	16.50
10	QPSK	1	25	14.87	15.05	14.99	16.50
10	QPSK	1	49	14.99	15.03	15.07	16.50
10	QPSK	25	0	14.93	14.99	15.03	16.50
10	QPSK	25	12	14.95	14.96	14.89	16.50
10	QPSK	25	25	14.92	15.03	14.91	16.50
10	QPSK	50	0	14.89	14.93	14.98	16.50
10	16QAM	1	0	14.95	14.93	14.96	16.50
10	16QAM	1	25	15.02	15.06	14.99	16.50

10	16QAM	1	49	14.94	15.08	14.98	16.50
10	16QAM	25	0	14.99	15.00	14.99	16.50
10	16QAM	25	12	14.97	15.00	15.06	16.50
10	16QAM	25	25	14.94	15.02	15.01	16.50
10	16QAM	50	0	15.09	15.09	15.00	16.50
10	64QAM	1	0	14.95	14.99	15.07	16.50
10	64QAM	1	25	14.90	15.06	15.02	16.50
10	64QAM	1	49	15.06	15.02	15.04	16.50
10	64QAM	25	0	15.00	15.04	14.93	16.50
10	64QAM	25	12	15.01	15.04	15.07	16.50
10	64QAM	25	25	14.92	14.96	14.99	16.50
10	64QAM	50	0	15.09	14.91	15.02	16.50
10	256QAM	1	0	14.97	14.97	14.96	16.50
10	256QAM	1	25	14.91	15.06	14.94	16.50
10	256QAM	1	49	14.95	15.03	14.88	16.50
10	256QAM	25	0	14.99	15.00	14.91	16.50
10	256QAM	25	12	15.01	14.92	14.94	16.50
10	256QAM	25	25	14.92	15.06	14.98	16.50
10	256QAM	50	0	15.00	15.04	14.93	16.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	15.05	15.20	15.07	16.50
5	QPSK	1	12	14.97	15.02	14.92	16.50
5	QPSK	1	24	14.96	15.03	15.02	16.50
5	QPSK	12	0	14.96	14.97	14.97	16.50
5	QPSK	12	7	14.96	14.98	14.91	16.50
5	QPSK	12	13	15.04	14.94	14.94	16.50
5	QPSK	25	0	14.96	15.02	14.96	16.50
5	16QAM	1	0	14.86	14.93	15.05	16.50
5	16QAM	1	12	15.00	14.94	14.93	16.50
5	16QAM	1	24	14.95	15.00	15.02	16.50
5	16QAM	12	0	14.99	14.98	14.94	16.50
5	16QAM	12	7	14.97	14.98	14.97	16.50
5	16QAM	12	13	14.98	15.02	14.92	16.50
5	16QAM	25	0	15.01	14.99	15.00	16.50
5	64QAM	1	0	15.04	15.03	15.03	16.50
5	64QAM	1	12	14.97	15.01	14.98	16.50
5	64QAM	1	24	14.96	14.98	15.02	16.50
5	64QAM	12	0	14.98	14.98	14.97	16.50
5	64QAM	12	7	14.94	14.99	15.04	16.50
5	64QAM	12	13	14.95	14.95	15.00	16.50
5	64QAM	25	0	15.09	14.97	15.09	16.50
5	256QAM	1	0	15.02	14.95	14.90	16.50
5	256QAM	1	12	14.99	15.08	14.96	16.50
5	256QAM	1	24	14.93	15.02	14.90	16.50
5	256QAM	12	0	14.95	15.04	14.93	16.50
5	256QAM	12	7	14.89	14.91	15.08	16.50
5	256QAM	12	13	14.97	15.06	14.92	16.50
5	256QAM	25	0	14.87	15.06	14.97	16.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	15.18	15.19	15.16	16.50
3	QPSK	1	8	14.92	14.96	14.93	16.50
3	QPSK	1	14	14.97	15.02	15.05	16.50
3	QPSK	8	0	14.98	14.99	14.99	16.50
3	QPSK	8	4	14.89	14.89	14.95	16.50
3	QPSK	8	7	14.97	14.94	15.00	16.50
3	QPSK	15	0	14.94	14.97	14.88	16.50
3	16QAM	1	0	14.93	14.96	14.92	16.50
3	16QAM	1	8	14.99	15.03	14.93	16.50
3	16QAM	1	14	14.96	15.00	14.96	16.50
3	16QAM	8	0	14.98	15.02	14.99	16.50
3	16QAM	8	4	15.05	14.96	14.96	16.50
3	16QAM	8	7	14.96	14.99	14.96	16.50
3	16QAM	15	0	14.96	15.05	14.95	16.50
3	64QAM	1	0	14.93	14.94	14.95	16.50
3	64QAM	1	8	14.94	15.08	15.04	16.50
3	64QAM	1	14	14.94	14.92	14.94	16.50
3	64QAM	8	0	15.01	14.94	14.88	16.50
3	64QAM	8	4	15.01	15.00	14.95	16.50
3	64QAM	8	7	14.87	14.93	14.96	16.50
3	64QAM	15	0	15.04	14.94	15.04	16.50
3	256QAM	1	0	14.98	15.01	14.94	16.50
3	256QAM	1	8	14.88	15.13	14.95	16.50
3	256QAM	1	14	15.02	15.02	14.88	16.50
3	256QAM	8	0	15.01	15.05	15.01	16.50
3	256QAM	8	4	14.89	15.02	15.00	16.50
3	256QAM	8	7	14.91	15.04	14.99	16.50

3	256QAM	15	0	14.94	15.07	14.94	16.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	15.06	15.12	15.13	16.50
1.4	QPSK	1	3	14.98	14.98	14.91	16.50
1.4	QPSK	1	5	14.98	15.04	15.01	16.50
1.4	QPSK	3	0	14.99	15.08	15.00	16.50
1.4	QPSK	3	1	14.87	15.00	15.02	16.50
1.4	QPSK	3	3	15.03	14.91	15.03	16.50
1.4	QPSK	6	0	14.96	14.99	14.87	16.50
1.4	16QAM	1	0	14.93	15.03	14.98	16.50
1.4	16QAM	1	3	15.05	15.01	14.96	16.50
1.4	16QAM	1	5	14.92	15.08	15.03	16.50
1.4	16QAM	3	0	14.92	15.05	14.92	16.50
1.4	16QAM	3	1	15.02	14.91	15.00	16.50
1.4	16QAM	3	3	15.01	15.02	14.90	16.50
1.4	16QAM	6	0	15.05	15.07	14.99	16.50
1.4	64QAM	1	0	14.94	14.94	14.94	16.50
1.4	64QAM	1	3	14.89	15.10	15.07	16.50
1.4	64QAM	1	5	14.96	14.94	15.04	16.50
1.4	64QAM	3	0	14.93	14.98	14.93	16.50
1.4	64QAM	3	1	15.06	15.04	14.95	16.50
1.4	64QAM	3	3	14.99	15.02	14.96	16.50
1.4	64QAM	6	0	15.03	15.04	14.99	16.50
1.4	256QAM	1	0	14.95	14.94	14.88	16.50
1.4	256QAM	1	3	14.92	15.03	14.98	16.50
1.4	256QAM	1	5	14.99	14.98	14.89	16.50
1.4	256QAM	3	0	14.91	15.02	14.91	16.50
1.4	256QAM	3	1	14.98	15.01	15.06	16.50
1.4	256QAM	3	3	14.94	14.97	14.92	16.50
1.4	256QAM	6	0	14.94	14.96	14.96	16.50

【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	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.98	24.05	23.94	25.50
20	QPSK	1	49	23.85	23.85	23.85	25.50
20	QPSK	1	99	23.91	23.94	23.87	25.50
20	QPSK	50	0	23.02	23.11	23.10	24.50
20	QPSK	50	24	23.05	23.07	23.00	24.50
20	QPSK	50	50	22.94	23.00	23.06	24.50
20	QPSK	100	0	23.00	23.00	22.95	24.50
20	16QAM	1	0	22.91	22.97	22.91	24.50
20	16QAM	1	49	22.92	23.07	22.93	24.50
20	16QAM	1	99	22.90	23.00	22.98	24.50
20	16QAM	50	0	21.99	22.04	22.01	23.50
20	16QAM	50	24	22.02	22.05	22.05	23.50
20	16QAM	50	50	22.01	21.92	21.97	23.50
20	16QAM	100	0	21.96	22.03	21.97	23.50
20	64QAM	1	0	22.06	21.96	21.97	23.50
20	64QAM	1	49	22.02	21.92	22.01	23.50
20	64QAM	1	99	22.04	22.01	22.02	23.50
20	64QAM	50	0	21.03	20.98	20.88	22.50
20	64QAM	50	24	20.98	21.04	20.94	22.50
20	64QAM	50	50	20.95	21.05	21.05	22.50
20	64QAM	100	0	20.96	20.97	21.05	22.50
20	256QAM	1	0	19.01	19.06	19.07	20.50
20	256QAM	1	49	19.05	19.07	19.00	20.50
20	256QAM	1	99	19.03	19.04	19.03	20.50
20	256QAM	50	0	18.97	19.02	19.01	20.50
20	256QAM	50	24	18.97	19.06	19.02	20.50
20	256QAM	50	50	18.97	18.94	18.96	20.50
20	256QAM	100	0	18.98	19.06	18.95	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.94	23.96	23.90	25.50
15	QPSK	1	37	23.77	23.71	23.71	25.50
15	QPSK	1	74	23.79	23.82	23.83	25.50
15	QPSK	36	0	22.97	22.98	22.99	24.50
15	QPSK	36	20	22.92	22.93	22.89	24.50

15	QPSK	36	39	22.88	22.97	22.97	24.50
15	QPSK	75	0	22.97	22.97	22.85	24.50
15	16QAM	1	0	22.90	22.88	22.85	24.50
15	16QAM	1	37	22.90	22.93	22.85	24.50
15	16QAM	1	74	22.88	22.98	22.93	24.50
15	16QAM	36	0	21.97	21.95	21.97	23.50
15	16QAM	36	20	21.89	21.91	21.92	23.50
15	16QAM	36	39	21.88	21.80	21.85	23.50
15	16QAM	75	0	21.92	22.01	21.94	23.50
15	64QAM	1	0	21.93	21.89	21.84	23.50
15	64QAM	1	37	21.88	21.89	21.98	23.50
15	64QAM	1	74	21.92	21.97	21.92	23.50
15	64QAM	36	0	20.92	20.84	20.86	22.50
15	64QAM	36	20	20.94	20.99	20.91	22.50
15	64QAM	36	39	20.93	21.02	20.95	22.50
15	64QAM	75	0	20.86	20.85	21.02	22.50
15	256QAM	1	0	18.92	19.00	18.98	20.50
15	256QAM	1	37	18.95	19.04	18.87	20.50
15	256QAM	1	74	18.89	18.92	18.90	20.50
15	256QAM	36	0	18.96	18.94	18.96	20.50
15	256QAM	36	20	18.90	18.94	18.90	20.50
15	256QAM	36	39	18.88	18.83	18.81	20.50
15	256QAM	75	0	18.86	18.98	18.93	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.89	23.95	23.85	25.50
10	QPSK	1	25	23.81	23.71	23.77	25.50
10	QPSK	1	49	23.78	23.91	23.83	25.50
10	QPSK	25	0	22.95	23.03	23.03	24.50
10	QPSK	25	12	22.98	22.92	22.87	24.50
10	QPSK	25	25	22.92	22.92	23.03	24.50
10	QPSK	50	0	22.95	22.85	22.89	24.50
10	16QAM	1	0	22.80	22.88	22.79	24.50
10	16QAM	1	25	22.82	23.00	22.91	24.50
10	16QAM	1	49	22.81	22.95	22.93	24.50
10	16QAM	25	0	21.89	22.02	22.00	23.50
10	16QAM	25	12	21.94	21.96	21.97	23.50
10	16QAM	25	25	21.99	21.83	21.83	23.50
10	16QAM	50	0	21.87	22.01	21.87	23.50
10	64QAM	1	0	22.01	21.90	21.87	23.50
10	64QAM	1	25	21.98	21.90	21.97	23.50
10	64QAM	1	49	22.02	21.96	21.94	23.50
10	64QAM	25	0	21.00	20.93	20.83	22.50
10	64QAM	25	12	20.94	20.97	20.82	22.50
10	64QAM	25	25	20.93	20.95	21.03	22.50
10	64QAM	50	0	20.90	20.93	20.97	22.50
10	256QAM	1	0	18.97	19.00	19.01	20.50
10	256QAM	1	25	18.96	19.06	18.96	20.50
10	256QAM	1	49	18.95	18.94	18.92	20.50
10	256QAM	25	0	18.89	18.93	18.88	20.50
10	256QAM	25	12	18.83	18.94	18.90	20.50
10	256QAM	25	25	18.87	18.88	18.89	20.50
10	256QAM	50	0	18.93	19.03	18.84	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.97	23.90	23.80	25.50
5	QPSK	1	12	23.76	23.83	23.79	25.50
5	QPSK	1	24	23.81	23.84	23.84	25.50
5	QPSK	12	0	22.98	23.01	23.06	24.50
5	QPSK	12	7	22.96	23.04	22.92	24.50
5	QPSK	12	13	22.88	22.98	22.98	24.50
5	QPSK	25	0	22.98	22.89	22.84	24.50
5	16QAM	1	0	22.83	22.85	22.82	24.50
5	16QAM	1	12	22.83	23.05	22.78	24.50
5	16QAM	1	24	22.80	22.96	22.96	24.50
5	16QAM	12	0	21.85	21.91	21.95	23.50
5	16QAM	12	7	21.92	22.03	22.03	23.50
5	16QAM	12	13	21.93	21.86	21.84	23.50
5	16QAM	25	0	21.89	21.94	21.93	23.50
5	64QAM	1	0	21.92	21.89	21.89	23.50
5	64QAM	1	12	21.94	21.78	21.89	23.50
5	64QAM	1	24	21.95	21.94	21.98	23.50
5	64QAM	12	0	21.00	20.94	20.77	22.50
5	64QAM	12	7	20.89	20.92	20.90	22.50
5	64QAM	12	13	20.88	21.03	21.03	22.50
5	64QAM	25	0	20.88	20.91	20.94	22.50
5	256QAM	1	0	18.98	18.97	19.01	20.50
5	256QAM	1	12	19.01	18.94	18.97	20.50

5	256QAM	1	24	18.96	19.00	19.02	20.50
5	256QAM	12	0	18.93	18.92	19.00	20.50
5	256QAM	12	7	18.83	18.97	18.92	20.50
5	256QAM	12	13	18.84	18.90	18.83	20.50
5	256QAM	25	0	18.96	18.92	18.91	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.94	23.99	23.83	25.50
3	QPSK	1	8	23.79	23.80	23.79	25.50
3	QPSK	1	14	23.79	23.85	23.85	25.50
3	QPSK	8	0	22.99	23.10	23.01	24.50
3	QPSK	8	4	22.97	23.02	22.92	24.50
3	QPSK	8	7	22.81	22.93	23.01	24.50
3	QPSK	15	0	22.96	22.90	22.83	24.50
3	16QAM	1	0	22.81	22.84	22.81	24.50
3	16QAM	1	8	22.79	23.02	22.84	24.50
3	16QAM	1	14	22.87	22.89	22.97	24.50
3	16QAM	8	0	21.87	21.98	21.89	23.50
3	16QAM	8	4	22.00	21.95	22.03	23.50
3	16QAM	8	7	21.91	21.86	21.95	23.50
3	16QAM	15	0	21.93	21.99	21.84	23.50
3	64QAM	1	0	22.04	21.86	21.88	23.50
3	64QAM	1	8	21.96	21.80	21.90	23.50
3	64QAM	1	14	21.95	21.93	21.89	23.50
3	64QAM	8	0	20.93	20.90	20.84	22.50
3	64QAM	8	4	20.91	20.92	20.87	22.50
3	64QAM	8	7	20.80	21.00	20.99	22.50
3	64QAM	15	0	20.91	20.92	21.02	22.50
3	256QAM	1	0	18.99	19.01	19.03	20.50
3	256QAM	1	8	18.90	18.93	18.88	20.50
3	256QAM	1	14	18.91	19.03	18.99	20.50
3	256QAM	8	0	18.93	19.00	18.99	20.50
3	256QAM	8	4	18.95	19.01	18.90	20.50
3	256QAM	8	7	18.87	18.83	18.90	20.50
3	256QAM	15	0	18.95	18.96	18.92	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.90	23.96	23.83	25.50
1.4	QPSK	1	3	23.72	23.78	23.80	25.50
1.4	QPSK	1	5	23.79	23.83	23.76	25.50
1.4	QPSK	3	0	23.96	24.01	24.05	25.50
1.4	QPSK	3	1	23.95	23.94	23.88	25.50
1.4	QPSK	3	3	23.80	23.92	23.95	25.50
1.4	QPSK	6	0	22.99	22.95	22.81	24.50
1.4	16QAM	1	0	22.88	22.87	22.76	24.50
1.4	16QAM	1	3	22.83	22.95	22.90	24.50
1.4	16QAM	1	5	22.89	22.91	22.93	24.50
1.4	16QAM	3	0	22.91	22.97	22.98	24.50
1.4	16QAM	3	1	22.90	22.92	23.02	24.50
1.4	16QAM	3	3	22.91	22.91	22.89	24.50
1.4	16QAM	6	0	21.92	21.98	21.89	23.50
1.4	64QAM	1	0	21.96	21.88	21.89	23.50
1.4	64QAM	1	3	21.93	21.87	21.97	23.50
1.4	64QAM	1	5	22.00	21.89	21.95	23.50
1.4	64QAM	3	0	21.96	21.92	21.76	23.50
1.4	64QAM	3	1	21.91	21.95	21.87	23.50
1.4	64QAM	3	3	21.87	21.90	21.93	23.50
1.4	64QAM	6	0	20.86	20.94	20.97	22.50
1.4	256QAM	1	0	18.90	18.95	19.03	20.50
1.4	256QAM	1	3	19.03	19.06	18.98	20.50
1.4	256QAM	1	5	18.91	18.95	18.97	20.50
1.4	256QAM	3	0	18.86	18.89	19.00	20.50
1.4	256QAM	3	1	18.82	18.92	18.98	20.50
1.4	256QAM	3	3	18.90	18.90	18.94	20.50
1.4	256QAM	6	0	18.92	18.93	18.91	20.50

【LTE Band 2_Ant 5_ECI 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	23.98	24.05	23.94	25.50
20	QPSK	1	49	23.85	23.85	23.85	25.50
20	QPSK	1	99	23.91	23.94	23.87	25.50
20	QPSK	50	0	23.02	23.11	23.10	24.50
20	QPSK	50	24	23.05	23.07	23.00	24.50
20	QPSK	50	50	22.94	23.00	23.06	24.50
20	QPSK	100	0	23.00	23.00	22.95	24.50
20	16QAM	1	0	22.91	22.97	22.91	24.50
20	16QAM	1	49	22.92	23.07	22.93	24.50
20	16QAM	1	99	22.90	23.00	22.98	24.50
20	16QAM	50	0	21.99	22.04	22.01	23.50
20	16QAM	50	24	22.02	22.05	22.05	23.50
20	16QAM	50	50	22.01	21.92	21.97	23.50
20	16QAM	100	0	21.96	22.03	21.97	23.50
20	64QAM	1	0	22.06	21.96	21.97	23.50
20	64QAM	1	49	22.02	21.92	22.01	23.50
20	64QAM	1	99	22.04	22.01	22.02	23.50
20	64QAM	50	0	21.03	20.98	20.88	22.50
20	64QAM	50	24	20.98	21.04	20.94	22.50
20	64QAM	50	50	20.95	21.05	21.05	22.50
20	64QAM	100	0	20.96	20.97	21.05	22.50
20	256QAM	1	0	19.01	19.06	19.07	20.50
20	256QAM	1	49	19.05	19.07	19.00	20.50
20	256QAM	1	99	19.03	19.04	19.03	20.50
20	256QAM	50	0	18.97	19.02	19.01	20.50
20	256QAM	50	24	18.97	19.06	19.02	20.50
20	256QAM	50	50	18.97	18.94	18.96	20.50
20	256QAM	100	0	18.98	19.06	18.95	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.94	23.96	23.90	25.50
15	QPSK	1	37	23.77	23.71	23.71	25.50
15	QPSK	1	74	23.79	23.82	23.83	25.50
15	QPSK	36	0	22.97	22.98	22.99	24.50
15	QPSK	36	20	22.92	22.93	22.89	24.50
15	QPSK	36	39	22.88	22.97	22.97	24.50
15	QPSK	75	0	22.97	22.97	22.85	24.50
15	16QAM	1	0	22.90	22.88	22.85	24.50
15	16QAM	1	37	22.90	22.93	22.85	24.50
15	16QAM	1	74	22.88	22.98	22.93	24.50
15	16QAM	36	0	21.97	21.95	21.97	23.50
15	16QAM	36	20	21.89	21.91	21.92	23.50
15	16QAM	36	39	21.88	21.80	21.85	23.50
15	16QAM	75	0	21.92	22.01	21.94	23.50
15	64QAM	1	0	21.93	21.89	21.84	23.50
15	64QAM	1	37	21.88	21.89	21.98	23.50
15	64QAM	1	74	21.92	21.97	21.92	23.50
15	64QAM	36	0	20.92	20.84	20.86	22.50
15	64QAM	36	20	20.94	20.99	20.91	22.50
15	64QAM	36	39	20.93	21.02	20.95	22.50
15	64QAM	75	0	20.86	20.85	21.02	22.50
15	256QAM	1	0	18.92	19.00	18.98	20.50
15	256QAM	1	37	18.95	19.04	18.87	20.50
15	256QAM	1	74	18.89	18.92	18.90	20.50
15	256QAM	36	0	18.96	18.94	18.96	20.50
15	256QAM	36	20	18.90	18.94	18.90	20.50
15	256QAM	36	39	18.88	18.83	18.81	20.50
15	256QAM	75	0	18.86	18.98	18.93	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.89	23.95	23.85	25.50
10	QPSK	1	25	23.81	23.71	23.77	25.50
10	QPSK	1	49	23.78	23.91	23.83	25.50
10	QPSK	25	0	22.95	23.03	23.03	24.50
10	QPSK	25	12	22.98	22.92	22.87	24.50
10	QPSK	25	25	22.92	22.92	23.03	24.50
10	QPSK	50	0	22.95	22.85	22.89	24.50
10	16QAM	1	0	22.80	22.88	22.79	24.50
10	16QAM	1	25	22.82	23.00	22.91	24.50

10	16QAM	1	49	22.81	22.95	22.93	24.50
10	16QAM	25	0	21.89	22.02	22.00	23.50
10	16QAM	25	12	21.94	21.96	21.97	23.50
10	16QAM	25	25	21.99	21.83	21.83	23.50
10	16QAM	50	0	21.87	22.01	21.87	23.50
10	64QAM	1	0	22.01	21.90	21.87	23.50
10	64QAM	1	25	21.98	21.90	21.97	23.50
10	64QAM	1	49	22.02	21.96	21.94	23.50
10	64QAM	25	0	21.00	20.93	20.83	22.50
10	64QAM	25	12	20.94	20.97	20.82	22.50
10	64QAM	25	25	20.93	20.95	21.03	22.50
10	64QAM	50	0	20.90	20.93	20.97	22.50
10	256QAM	1	0	18.97	19.00	19.01	20.50
10	256QAM	1	25	18.96	19.06	18.96	20.50
10	256QAM	1	49	18.95	18.94	18.92	20.50
10	256QAM	25	0	18.89	18.93	18.88	20.50
10	256QAM	25	12	18.83	18.94	18.90	20.50
10	256QAM	25	25	18.87	18.88	18.89	20.50
10	256QAM	50	0	18.93	19.03	18.84	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.97	23.90	23.80	25.50
5	QPSK	1	12	23.76	23.83	23.79	25.50
5	QPSK	1	24	23.81	23.84	23.84	25.50
5	QPSK	12	0	22.98	23.01	23.06	24.50
5	QPSK	12	7	22.96	23.04	22.92	24.50
5	QPSK	12	13	22.88	22.98	22.98	24.50
5	QPSK	25	0	22.98	22.89	22.84	24.50
5	16QAM	1	0	22.83	22.85	22.82	24.50
5	16QAM	1	12	22.83	23.05	22.78	24.50
5	16QAM	1	24	22.80	22.96	22.96	24.50
5	16QAM	12	0	21.85	21.91	21.95	23.50
5	16QAM	12	7	21.92	22.03	22.03	23.50
5	16QAM	12	13	21.93	21.86	21.84	23.50
5	16QAM	25	0	21.89	21.94	21.93	23.50
5	64QAM	1	0	21.92	21.89	21.89	23.50
5	64QAM	1	12	21.94	21.78	21.89	23.50
5	64QAM	1	24	21.95	21.94	21.98	23.50
5	64QAM	12	0	21.00	20.94	20.77	22.50
5	64QAM	12	7	20.89	20.92	20.90	22.50
5	64QAM	12	13	20.88	21.03	21.03	22.50
5	64QAM	25	0	20.88	20.91	20.94	22.50
5	256QAM	1	0	18.98	18.97	19.01	20.50
5	256QAM	1	12	19.01	18.94	18.97	20.50
5	256QAM	1	24	18.96	19.00	19.02	20.50
5	256QAM	12	0	18.93	18.92	19.00	20.50
5	256QAM	12	7	18.83	18.97	18.92	20.50
5	256QAM	12	13	18.84	18.90	18.83	20.50
5	256QAM	25	0	18.96	18.92	18.91	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.94	23.99	23.83	25.50
3	QPSK	1	8	23.79	23.80	23.79	25.50
3	QPSK	1	14	23.79	23.85	23.85	25.50
3	QPSK	8	0	22.99	23.10	23.01	24.50
3	QPSK	8	4	22.97	23.02	22.92	24.50
3	QPSK	8	7	22.81	22.93	23.01	24.50
3	QPSK	15	0	22.96	22.90	22.83	24.50
3	16QAM	1	0	22.81	22.84	22.81	24.50
3	16QAM	1	8	22.79	23.02	22.84	24.50
3	16QAM	1	14	22.87	22.89	22.97	24.50
3	16QAM	8	0	21.87	21.98	21.89	23.50
3	16QAM	8	4	22.00	21.95	22.03	23.50
3	16QAM	8	7	21.91	21.86	21.95	23.50
3	16QAM	15	0	21.93	21.99	21.84	23.50
3	64QAM	1	0	22.04	21.86	21.88	23.50
3	64QAM	1	8	21.96	21.80	21.90	23.50
3	64QAM	1	14	21.95	21.93	21.89	23.50
3	64QAM	8	0	20.93	20.90	20.84	22.50
3	64QAM	8	4	20.91	20.92	20.87	22.50
3	64QAM	8	7	20.80	21.00	20.99	22.50
3	64QAM	15	0	20.91	20.92	21.02	22.50
3	256QAM	1	0	18.99	19.01	19.03	20.50
3	256QAM	1	8	18.90	18.93	18.88	20.50
3	256QAM	1	14	18.91	19.03	18.99	20.50
3	256QAM	8	0	18.93	19.00	18.99	20.50
3	256QAM	8	4	18.95	19.01	18.90	20.50
3	256QAM	8	7	18.87	18.83	18.90	20.50

3	256QAM	15	0	18.95	18.96	18.92	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.90	23.96	23.83	25.50
1.4	QPSK	1	3	23.72	23.78	23.80	25.50
1.4	QPSK	1	5	23.79	23.83	23.76	25.50
1.4	QPSK	3	0	23.96	24.01	24.05	25.50
1.4	QPSK	3	1	23.95	23.94	23.88	25.50
1.4	QPSK	3	3	23.80	23.92	23.95	25.50
1.4	QPSK	6	0	22.99	22.95	22.81	24.50
1.4	16QAM	1	0	22.88	22.87	22.76	24.50
1.4	16QAM	1	3	22.83	22.95	22.90	24.50
1.4	16QAM	1	5	22.89	22.91	22.93	24.50
1.4	16QAM	3	0	22.91	22.97	22.98	24.50
1.4	16QAM	3	1	22.90	22.92	23.02	24.50
1.4	16QAM	3	3	22.91	22.91	22.89	24.50
1.4	16QAM	6	0	21.92	21.98	21.89	23.50
1.4	64QAM	1	0	21.96	21.88	21.89	23.50
1.4	64QAM	1	3	21.93	21.87	21.97	23.50
1.4	64QAM	1	5	22.00	21.89	21.95	23.50
1.4	64QAM	3	0	21.96	21.92	21.76	23.50
1.4	64QAM	3	1	21.91	21.95	21.87	23.50
1.4	64QAM	3	3	21.87	21.90	21.93	23.50
1.4	64QAM	6	0	20.86	20.94	20.97	22.50
1.4	256QAM	1	0	18.90	18.95	19.03	20.50
1.4	256QAM	1	3	19.03	19.06	18.98	20.50
1.4	256QAM	1	5	18.91	18.95	18.97	20.50
1.4	256QAM	3	0	18.86	18.89	19.00	20.50
1.4	256QAM	3	1	18.82	18.92	18.98	20.50
1.4	256QAM	3	3	18.90	18.90	18.94	20.50
1.4	256QAM	6	0	18.92	18.93	18.91	20.50

【LTE Band 2_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.04	21.13	21.05	22.50
20	QPSK	1	49	20.88	21.01	20.88	22.50
20	QPSK	1	99	20.95	21.04	20.91	22.50
20	QPSK	50	0	21.09	21.10	21.08	22.50
20	QPSK	50	24	20.87	20.96	20.97	22.50
20	QPSK	50	50	20.87	21.05	20.89	22.50
20	QPSK	100	0	20.93	20.95	20.90	22.50
20	16QAM	1	0	20.87	20.99	20.88	22.50
20	16QAM	1	49	20.93	20.93	20.93	22.50
20	16QAM	1	99	20.86	21.00	20.91	22.50
20	16QAM	50	0	20.91	21.05	20.88	22.50
20	16QAM	50	24	20.96	21.03	20.93	22.50
20	16QAM	50	50	20.85	20.93	20.89	22.50
20	16QAM	100	0	20.85	20.97	20.95	22.50
20	64QAM	1	0	20.94	21.01	20.91	22.50
20	64QAM	1	49	20.94	21.04	20.92	22.50
20	64QAM	1	99	20.95	20.96	20.97	22.50
20	64QAM	50	0	20.89	20.95	20.88	22.50
20	64QAM	50	24	20.93	21.03	20.85	22.50
20	64QAM	50	50	20.85	21.05	20.88	22.50
20	64QAM	100	0	20.95	20.94	20.86	22.50
20	256QAM	1	0	19.00	19.18	19.03	20.50
20	256QAM	1	49	19.04	19.16	19.12	20.50
20	256QAM	1	99	19.10	19.20	19.03	20.50
20	256QAM	50	0	19.08	19.20	19.11	20.50
20	256QAM	50	24	19.09	19.13	19.12	20.50
20	256QAM	50	50	19.03	19.14	19.10	20.50
20	256QAM	100	0	19.02	19.17	19.11	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.90	21.07	21.00	22.50
15	QPSK	1	37	20.78	20.89	20.81	22.50
15	QPSK	1	74	20.82	21.01	20.79	22.50
15	QPSK	36	0	20.99	21.00	20.99	22.50
15	QPSK	36	20	20.81	20.88	20.84	22.50

15	QPSK	36	39	20.77	20.92	20.78	22.50
15	QPSK	75	0	20.85	20.90	20.87	22.50
15	16QAM	1	0	20.77	20.93	20.75	22.50
15	16QAM	1	37	20.85	20.84	20.80	22.50
15	16QAM	1	74	20.72	20.86	20.83	22.50
15	16QAM	36	0	20.78	20.98	20.77	22.50
15	16QAM	36	20	20.81	20.89	20.83	22.50
15	16QAM	36	39	20.70	20.88	20.85	22.50
15	16QAM	75	0	20.74	20.90	20.91	22.50
15	64QAM	1	0	20.81	20.86	20.84	22.50
15	64QAM	1	37	20.84	20.92	20.83	22.50
15	64QAM	1	74	20.82	20.84	20.92	22.50
15	64QAM	36	0	20.76	20.92	20.73	22.50
15	64QAM	36	20	20.85	20.99	20.71	22.50
15	64QAM	36	39	20.81	20.99	20.85	22.50
15	64QAM	75	0	20.84	20.79	20.80	22.50
15	256QAM	1	0	18.88	19.16	18.97	20.50
15	256QAM	1	37	19.01	19.14	18.98	20.50
15	256QAM	1	74	18.96	19.19	18.98	20.50
15	256QAM	36	0	19.05	19.07	19.07	20.50
15	256QAM	36	20	19.02	19.09	18.98	20.50
15	256QAM	36	39	18.94	19.01	18.97	20.50
15	256QAM	75	0	18.96	19.02	19.02	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	20.94	21.06	21.02	22.50
10	QPSK	1	25	20.74	20.89	20.80	22.50
10	QPSK	1	49	20.92	20.94	20.83	22.50
10	QPSK	25	0	20.96	20.98	20.98	22.50
10	QPSK	25	12	20.80	20.88	20.93	22.50
10	QPSK	25	25	20.76	20.99	20.81	22.50
10	QPSK	50	0	20.88	20.86	20.78	22.50
10	16QAM	1	0	20.80	20.90	20.82	22.50
10	16QAM	1	25	20.86	20.83	20.84	22.50
10	16QAM	1	49	20.80	20.95	20.86	22.50
10	16QAM	25	0	20.80	21.00	20.83	22.50
10	16QAM	25	12	20.87	20.91	20.89	22.50
10	16QAM	25	25	20.82	20.80	20.84	22.50
10	16QAM	50	0	20.77	20.93	20.84	22.50
10	64QAM	1	0	20.85	20.91	20.76	22.50
10	64QAM	1	25	20.90	20.95	20.77	22.50
10	64QAM	1	49	20.83	20.85	20.94	22.50
10	64QAM	25	0	20.82	20.81	20.83	22.50
10	64QAM	25	12	20.90	20.89	20.75	22.50
10	64QAM	25	25	20.75	20.95	20.77	22.50
10	64QAM	50	0	20.91	20.79	20.80	22.50
10	256QAM	1	0	18.90	19.11	18.96	20.50
10	256QAM	1	25	18.97	19.09	19.06	20.50
10	256QAM	1	49	19.07	19.10	18.98	20.50
10	256QAM	25	0	19.04	19.15	18.98	20.50
10	256QAM	25	12	19.03	19.08	19.09	20.50
10	256QAM	25	25	19.00	19.02	18.95	20.50
10	256QAM	50	0	19.01	19.12	19.08	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.97	21.09	21.01	22.50
5	QPSK	1	12	20.77	20.93	20.79	22.50
5	QPSK	1	24	20.89	20.92	20.87	22.50
5	QPSK	12	0	21.05	21.02	20.99	22.50
5	QPSK	12	7	20.73	20.88	20.84	22.50
5	QPSK	12	13	20.85	20.97	20.79	22.50
5	QPSK	25	0	20.85	20.85	20.88	22.50
5	16QAM	1	0	20.78	20.98	20.85	22.50
5	16QAM	1	12	20.91	20.85	20.85	22.50
5	16QAM	1	24	20.82	20.90	20.88	22.50
5	16QAM	12	0	20.81	20.94	20.83	22.50
5	16QAM	12	7	20.92	20.98	20.91	22.50
5	16QAM	12	13	20.78	20.85	20.85	22.50
5	16QAM	25	0	20.78	20.88	20.92	22.50
5	64QAM	1	0	20.82	20.87	20.86	22.50
5	64QAM	1	12	20.81	20.94	20.88	22.50
5	64QAM	1	24	20.87	20.83	20.83	22.50
5	64QAM	12	0	20.77	20.84	20.86	22.50
5	64QAM	12	7	20.79	20.96	20.71	22.50
5	64QAM	12	13	20.79	20.90	20.86	22.50
5	64QAM	25	0	20.85	20.88	20.71	22.50
5	256QAM	1	0	18.94	19.10	18.88	20.50
5	256QAM	1	12	18.93	19.03	18.99	20.50

5	256QAM	1	24	19.07	19.16	19.00	20.50
5	256QAM	12	0	18.94	19.05	19.05	20.50
5	256QAM	12	7	19.02	19.10	18.99	20.50
5	256QAM	12	13	18.91	19.09	19.07	20.50
5	256QAM	25	0	18.99	19.11	19.08	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.93	20.99	20.93	22.50
3	QPSK	1	8	20.75	20.88	20.80	22.50
3	QPSK	1	14	20.94	21.00	20.88	22.50
3	QPSK	8	0	20.97	21.03	20.99	22.50
3	QPSK	8	4	20.73	20.90	20.92	22.50
3	QPSK	8	7	20.73	20.98	20.78	22.50
3	QPSK	15	0	20.88	20.86	20.81	22.50
3	16QAM	1	0	20.79	20.89	20.75	22.50
3	16QAM	1	8	20.85	20.86	20.86	22.50
3	16QAM	1	14	20.72	20.89	20.80	22.50
3	16QAM	8	0	20.85	20.94	20.82	22.50
3	16QAM	8	4	20.83	20.99	20.84	22.50
3	16QAM	8	7	20.80	20.88	20.78	22.50
3	16QAM	15	0	20.72	20.95	20.83	22.50
3	64QAM	1	0	20.85	20.98	20.80	22.50
3	64QAM	1	8	20.92	20.93	20.86	22.50
3	64QAM	1	14	20.93	20.88	20.87	22.50
3	64QAM	8	0	20.78	20.83	20.80	22.50
3	64QAM	8	4	20.88	20.95	20.70	22.50
3	64QAM	8	7	20.73	20.99	20.80	22.50
3	64QAM	15	0	20.86	20.83	20.77	22.50
3	256QAM	1	0	18.97	19.16	18.97	20.50
3	256QAM	1	8	19.00	19.06	19.10	20.50
3	256QAM	1	14	18.98	19.05	18.91	20.50
3	256QAM	8	0	19.02	19.09	18.97	20.50
3	256QAM	8	4	19.08	19.08	19.07	20.50
3	256QAM	8	7	18.95	19.08	19.02	20.50
3	256QAM	15	0	18.97	19.13	18.96	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.96	21.00	21.01	22.50
1.4	QPSK	1	3	20.81	20.96	20.84	22.50
1.4	QPSK	1	5	20.91	21.00	20.87	22.50
1.4	QPSK	3	0	21.08	21.00	21.02	22.50
1.4	QPSK	3	1	20.77	20.91	20.92	22.50
1.4	QPSK	3	3	20.76	20.98	20.79	22.50
1.4	QPSK	6	0	20.88	20.93	20.88	22.50
1.4	16QAM	1	0	20.81	20.96	20.86	22.50
1.4	16QAM	1	3	20.80	20.82	20.81	22.50
1.4	16QAM	1	5	20.78	20.90	20.83	22.50
1.4	16QAM	3	0	20.82	20.91	20.82	22.50
1.4	16QAM	3	1	20.93	20.96	20.89	22.50
1.4	16QAM	3	3	20.75	20.84	20.80	22.50
1.4	16QAM	6	0	20.75	20.90	20.92	22.50
1.4	64QAM	1	0	20.82	20.88	20.82	22.50
1.4	64QAM	1	3	20.93	20.97	20.85	22.50
1.4	64QAM	1	5	20.85	20.84	20.91	22.50
1.4	64QAM	3	0	20.88	20.88	20.79	22.50
1.4	64QAM	3	1	20.87	20.91	20.82	22.50
1.4	64QAM	3	3	20.77	20.91	20.76	22.50
1.4	64QAM	6	0	20.91	20.91	20.76	22.50
1.4	256QAM	1	0	18.90	19.05	18.88	20.50
1.4	256QAM	1	3	18.94	19.12	19.04	20.50
1.4	256QAM	1	5	18.96	19.12	19.01	20.50
1.4	256QAM	3	0	18.96	19.18	19.02	20.50
1.4	256QAM	3	1	18.95	19.01	19.10	20.50
1.4	256QAM	3	3	18.92	19.04	19.02	20.50
1.4	256QAM	6	0	18.94	19.12	19.04	20.50

【LTE Band 2_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.04	21.13	21.05	22.50
20	QPSK	1	49	20.88	21.01	20.88	22.50
20	QPSK	1	99	20.95	21.04	20.91	22.50
20	QPSK	50	0	21.09	21.10	21.08	22.50
20	QPSK	50	24	20.87	20.96	20.97	22.50
20	QPSK	50	50	20.87	21.05	20.89	22.50
20	QPSK	100	0	20.93	20.95	20.90	22.50
20	16QAM	1	0	20.87	20.99	20.88	22.50
20	16QAM	1	49	20.93	20.93	20.93	22.50
20	16QAM	1	99	20.86	21.00	20.91	22.50
20	16QAM	50	0	20.91	21.05	20.88	22.50
20	16QAM	50	24	20.96	21.03	20.93	22.50
20	16QAM	50	50	20.85	20.93	20.89	22.50
20	16QAM	100	0	20.85	20.97	20.95	22.50
20	64QAM	1	0	20.94	21.01	20.91	22.50
20	64QAM	1	49	20.94	21.04	20.92	22.50
20	64QAM	1	99	20.95	20.96	20.97	22.50
20	64QAM	50	0	20.89	20.95	20.88	22.50
20	64QAM	50	24	20.93	21.03	20.85	22.50
20	64QAM	50	50	20.85	21.05	20.88	22.50
20	64QAM	100	0	20.95	20.94	20.86	22.50
20	256QAM	1	0	19.00	19.18	19.03	20.50
20	256QAM	1	49	19.04	19.16	19.12	20.50
20	256QAM	1	99	19.10	19.20	19.03	20.50
20	256QAM	50	0	19.08	19.20	19.11	20.50
20	256QAM	50	24	19.09	19.13	19.12	20.50
20	256QAM	50	50	19.03	19.14	19.10	20.50
20	256QAM	100	0	19.02	19.17	19.11	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.90	21.07	21.00	22.50
15	QPSK	1	37	20.78	20.89	20.81	22.50
15	QPSK	1	74	20.82	21.01	20.79	22.50
15	QPSK	36	0	20.99	21.00	20.99	22.50
15	QPSK	36	20	20.81	20.88	20.84	22.50
15	QPSK	36	39	20.77	20.92	20.78	22.50
15	QPSK	75	0	20.85	20.90	20.87	22.50
15	16QAM	1	0	20.77	20.93	20.75	22.50
15	16QAM	1	37	20.85	20.84	20.80	22.50
15	16QAM	1	74	20.72	20.86	20.83	22.50
15	16QAM	36	0	20.78	20.98	20.77	22.50
15	16QAM	36	20	20.81	20.89	20.83	22.50
15	16QAM	36	39	20.70	20.88	20.85	22.50
15	16QAM	75	0	20.74	20.90	20.91	22.50
15	64QAM	1	0	20.81	20.86	20.84	22.50
15	64QAM	1	37	20.84	20.92	20.83	22.50
15	64QAM	1	74	20.82	20.84	20.92	22.50
15	64QAM	36	0	20.76	20.92	20.73	22.50
15	64QAM	36	20	20.85	20.99	20.71	22.50
15	64QAM	36	39	20.81	20.99	20.85	22.50
15	64QAM	75	0	20.84	20.79	20.80	22.50
15	256QAM	1	0	18.88	19.16	18.97	20.50
15	256QAM	1	37	19.01	19.14	18.98	20.50
15	256QAM	1	74	18.96	19.19	18.98	20.50
15	256QAM	36	0	19.05	19.07	19.07	20.50
15	256QAM	36	20	19.02	19.09	18.98	20.50
15	256QAM	36	39	18.94	19.01	18.97	20.50
15	256QAM	75	0	18.96	19.02	19.02	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.94	21.06	21.02	22.50
10	QPSK	1	25	20.74	20.89	20.80	22.50
10	QPSK	1	49	20.92	20.94	20.83	22.50
10	QPSK	25	0	20.96	20.98	20.98	22.50
10	QPSK	25	12	20.80	20.88	20.93	22.50
10	QPSK	25	25	20.76	20.99	20.81	22.50
10	QPSK	50	0	20.88	20.86	20.78	22.50
10	16QAM	1	0	20.80	20.90	20.82	22.50
10	16QAM	1	25	20.86	20.83	20.84	22.50

10	16QAM	1	49	20.80	20.95	20.86	22.50
10	16QAM	25	0	20.80	21.00	20.83	22.50
10	16QAM	25	12	20.87	20.91	20.89	22.50
10	16QAM	25	25	20.82	20.80	20.84	22.50
10	16QAM	50	0	20.77	20.93	20.84	22.50
10	64QAM	1	0	20.85	20.91	20.76	22.50
10	64QAM	1	25	20.90	20.95	20.77	22.50
10	64QAM	1	49	20.83	20.85	20.94	22.50
10	64QAM	25	0	20.82	20.81	20.83	22.50
10	64QAM	25	12	20.90	20.89	20.75	22.50
10	64QAM	25	25	20.75	20.95	20.77	22.50
10	64QAM	50	0	20.91	20.79	20.80	22.50
10	256QAM	1	0	18.90	19.11	18.96	20.50
10	256QAM	1	25	18.97	19.09	19.06	20.50
10	256QAM	1	49	19.07	19.10	18.98	20.50
10	256QAM	25	0	19.04	19.15	18.98	20.50
10	256QAM	25	12	19.03	19.08	19.09	20.50
10	256QAM	25	25	19.00	19.02	18.95	20.50
10	256QAM	50	0	19.01	19.12	19.08	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.97	21.09	21.01	22.50
5	QPSK	1	12	20.77	20.93	20.79	22.50
5	QPSK	1	24	20.89	20.92	20.87	22.50
5	QPSK	12	0	21.05	21.02	20.99	22.50
5	QPSK	12	7	20.73	20.88	20.84	22.50
5	QPSK	12	13	20.85	20.97	20.79	22.50
5	QPSK	25	0	20.85	20.85	20.88	22.50
5	16QAM	1	0	20.78	20.98	20.85	22.50
5	16QAM	1	12	20.91	20.85	20.85	22.50
5	16QAM	1	24	20.82	20.90	20.88	22.50
5	16QAM	12	0	20.81	20.94	20.83	22.50
5	16QAM	12	7	20.92	20.98	20.91	22.50
5	16QAM	12	13	20.78	20.85	20.85	22.50
5	16QAM	25	0	20.78	20.88	20.92	22.50
5	64QAM	1	0	20.82	20.87	20.86	22.50
5	64QAM	1	12	20.81	20.94	20.88	22.50
5	64QAM	1	24	20.87	20.83	20.83	22.50
5	64QAM	12	0	20.77	20.84	20.86	22.50
5	64QAM	12	7	20.79	20.96	20.71	22.50
5	64QAM	12	13	20.79	20.90	20.86	22.50
5	64QAM	25	0	20.85	20.88	20.71	22.50
5	256QAM	1	0	18.94	19.10	18.88	20.50
5	256QAM	1	12	18.93	19.03	18.99	20.50
5	256QAM	1	24	19.07	19.16	19.00	20.50
5	256QAM	12	0	18.94	19.05	19.05	20.50
5	256QAM	12	7	19.02	19.10	18.99	20.50
5	256QAM	12	13	18.91	19.09	19.07	20.50
5	256QAM	25	0	18.99	19.11	19.08	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.93	20.99	20.93	22.50
3	QPSK	1	8	20.75	20.88	20.80	22.50
3	QPSK	1	14	20.94	21.00	20.88	22.50
3	QPSK	8	0	20.97	21.03	20.99	22.50
3	QPSK	8	4	20.73	20.90	20.92	22.50
3	QPSK	8	7	20.73	20.98	20.78	22.50
3	QPSK	15	0	20.88	20.86	20.81	22.50
3	16QAM	1	0	20.79	20.89	20.75	22.50
3	16QAM	1	8	20.85	20.86	20.86	22.50
3	16QAM	1	14	20.72	20.89	20.80	22.50
3	16QAM	8	0	20.85	20.94	20.82	22.50
3	16QAM	8	4	20.83	20.99	20.84	22.50
3	16QAM	8	7	20.80	20.88	20.78	22.50
3	16QAM	15	0	20.72	20.95	20.83	22.50
3	64QAM	1	0	20.85	20.98	20.80	22.50
3	64QAM	1	8	20.92	20.93	20.86	22.50
3	64QAM	1	14	20.93	20.88	20.87	22.50
3	64QAM	8	0	20.78	20.83	20.80	22.50
3	64QAM	8	4	20.88	20.95	20.70	22.50
3	64QAM	8	7	20.73	20.99	20.80	22.50
3	64QAM	15	0	20.86	20.83	20.77	22.50
3	256QAM	1	0	18.97	19.16	18.97	20.50
3	256QAM	1	8	19.00	19.06	19.10	20.50
3	256QAM	1	14	18.98	19.05	18.91	20.50
3	256QAM	8	0	19.02	19.09	18.97	20.50
3	256QAM	8	4	19.08	19.08	19.07	20.50
3	256QAM	8	7	18.95	19.08	19.02	20.50

3	256QAM	15	0	18.97	19.13	18.96	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.96	21.00	21.01	22.50
1.4	QPSK	1	3	20.81	20.96	20.84	22.50
1.4	QPSK	1	5	20.91	21.00	20.87	22.50
1.4	QPSK	3	0	21.08	21.00	21.02	22.50
1.4	QPSK	3	1	20.77	20.91	20.92	22.50
1.4	QPSK	3	3	20.76	20.98	20.79	22.50
1.4	QPSK	6	0	20.88	20.93	20.88	22.50
1.4	16QAM	1	0	20.81	20.96	20.86	22.50
1.4	16QAM	1	3	20.80	20.82	20.81	22.50
1.4	16QAM	1	5	20.78	20.90	20.83	22.50
1.4	16QAM	3	0	20.82	20.91	20.82	22.50
1.4	16QAM	3	1	20.93	20.96	20.89	22.50
1.4	16QAM	3	3	20.75	20.84	20.80	22.50
1.4	16QAM	6	0	20.75	20.90	20.92	22.50
1.4	64QAM	1	0	20.82	20.88	20.82	22.50
1.4	64QAM	1	3	20.93	20.97	20.85	22.50
1.4	64QAM	1	5	20.85	20.84	20.91	22.50
1.4	64QAM	3	0	20.88	20.88	20.79	22.50
1.4	64QAM	3	1	20.87	20.91	20.82	22.50
1.4	64QAM	3	3	20.77	20.91	20.76	22.50
1.4	64QAM	6	0	20.91	20.91	20.76	22.50
1.4	256QAM	1	0	18.90	19.05	18.88	20.50
1.4	256QAM	1	3	18.94	19.12	19.04	20.50
1.4	256QAM	1	5	18.96	19.12	19.01	20.50
1.4	256QAM	3	0	18.96	19.18	19.02	20.50
1.4	256QAM	3	1	18.95	19.01	19.10	20.50
1.4	256QAM	3	3	18.92	19.04	19.02	20.50
1.4	256QAM	6	0	18.94	19.12	19.04	20.50

【LTE Band 2_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.04	21.13	21.05	22.50
20	QPSK	1	49	20.88	21.01	20.88	22.50
20	QPSK	1	99	20.95	21.04	20.91	22.50
20	QPSK	50	0	21.09	21.10	21.08	22.50
20	QPSK	50	24	20.87	20.96	20.97	22.50
20	QPSK	50	50	20.87	21.05	20.89	22.50
20	QPSK	100	0	20.93	20.95	20.90	22.50
20	16QAM	1	0	20.87	20.99	20.88	22.50
20	16QAM	1	49	20.93	20.93	20.93	22.50
20	16QAM	1	99	20.86	21.00	20.91	22.50
20	16QAM	50	0	20.91	21.05	20.88	22.50
20	16QAM	50	24	20.96	21.03	20.93	22.50
20	16QAM	50	50	20.85	20.93	20.89	22.50
20	16QAM	100	0	20.85	20.97	20.95	22.50
20	64QAM	1	0	20.94	21.01	20.91	22.50
20	64QAM	1	49	20.94	21.04	20.92	22.50
20	64QAM	1	99	20.95	20.96	20.97	22.50
20	64QAM	50	0	20.89	20.95	20.88	22.50
20	64QAM	50	24	20.93	21.03	20.85	22.50
20	64QAM	50	50	20.85	21.05	20.88	22.50
20	64QAM	100	0	20.95	20.94	20.86	22.50
20	256QAM	1	0	19.00	19.18	19.03	20.50
20	256QAM	1	49	19.04	19.16	19.12	20.50
20	256QAM	1	99	19.10	19.20	19.03	20.50
20	256QAM	50	0	19.08	19.20	19.11	20.50
20	256QAM	50	24	19.09	19.13	19.12	20.50
20	256QAM	50	50	19.03	19.14	19.10	20.50
20	256QAM	100	0	19.02	19.17	19.11	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.90	21.07	21.00	22.50
15	QPSK	1	37	20.78	20.89	20.81	22.50
15	QPSK	1	74	20.82	21.01	20.79	22.50
15	QPSK	36	0	20.99	21.00	20.99	22.50
15	QPSK	36	20	20.81	20.88	20.84	22.50

15	QPSK	36	39	20.77	20.92	20.78	22.50
15	QPSK	75	0	20.85	20.90	20.87	22.50
15	16QAM	1	0	20.77	20.93	20.75	22.50
15	16QAM	1	37	20.85	20.84	20.80	22.50
15	16QAM	1	74	20.72	20.86	20.83	22.50
15	16QAM	36	0	20.78	20.98	20.77	22.50
15	16QAM	36	20	20.81	20.89	20.83	22.50
15	16QAM	36	39	20.70	20.88	20.85	22.50
15	16QAM	75	0	20.74	20.90	20.91	22.50
15	64QAM	1	0	20.81	20.86	20.84	22.50
15	64QAM	1	37	20.84	20.92	20.83	22.50
15	64QAM	1	74	20.82	20.84	20.92	22.50
15	64QAM	36	0	20.76	20.92	20.73	22.50
15	64QAM	36	20	20.85	20.99	20.71	22.50
15	64QAM	36	39	20.81	20.99	20.85	22.50
15	64QAM	75	0	20.84	20.79	20.80	22.50
15	256QAM	1	0	18.88	19.16	18.97	20.50
15	256QAM	1	37	19.01	19.14	18.98	20.50
15	256QAM	1	74	18.96	19.19	18.98	20.50
15	256QAM	36	0	19.05	19.07	19.07	20.50
15	256QAM	36	20	19.02	19.09	18.98	20.50
15	256QAM	36	39	18.94	19.01	18.97	20.50
15	256QAM	75	0	18.96	19.02	19.02	20.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	20.94	21.06	21.02	22.50
10	QPSK	1	25	20.74	20.89	20.80	22.50
10	QPSK	1	49	20.92	20.94	20.83	22.50
10	QPSK	25	0	20.96	20.98	20.98	22.50
10	QPSK	25	12	20.80	20.88	20.93	22.50
10	QPSK	25	25	20.76	20.99	20.81	22.50
10	QPSK	50	0	20.88	20.86	20.78	22.50
10	16QAM	1	0	20.80	20.90	20.82	22.50
10	16QAM	1	25	20.86	20.83	20.84	22.50
10	16QAM	1	49	20.80	20.95	20.86	22.50
10	16QAM	25	0	20.80	21.00	20.83	22.50
10	16QAM	25	12	20.87	20.91	20.89	22.50
10	16QAM	25	25	20.82	20.80	20.84	22.50
10	16QAM	50	0	20.77	20.93	20.84	22.50
10	64QAM	1	0	20.85	20.91	20.76	22.50
10	64QAM	1	25	20.90	20.95	20.77	22.50
10	64QAM	1	49	20.83	20.85	20.94	22.50
10	64QAM	25	0	20.82	20.81	20.83	22.50
10	64QAM	25	12	20.90	20.89	20.75	22.50
10	64QAM	25	25	20.75	20.95	20.77	22.50
10	64QAM	50	0	20.91	20.79	20.80	22.50
10	256QAM	1	0	18.90	19.11	18.96	20.50
10	256QAM	1	25	18.97	19.09	19.06	20.50
10	256QAM	1	49	19.07	19.10	18.98	20.50
10	256QAM	25	0	19.04	19.15	18.98	20.50
10	256QAM	25	12	19.03	19.08	19.09	20.50
10	256QAM	25	25	19.00	19.02	18.95	20.50
10	256QAM	50	0	19.01	19.12	19.08	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.97	21.09	21.01	22.50
5	QPSK	1	12	20.77	20.93	20.79	22.50
5	QPSK	1	24	20.89	20.92	20.87	22.50
5	QPSK	12	0	21.05	21.02	20.99	22.50
5	QPSK	12	7	20.73	20.88	20.84	22.50
5	QPSK	12	13	20.85	20.97	20.79	22.50
5	QPSK	25	0	20.85	20.85	20.88	22.50
5	16QAM	1	0	20.78	20.98	20.85	22.50
5	16QAM	1	12	20.91	20.85	20.85	22.50
5	16QAM	1	24	20.82	20.90	20.88	22.50
5	16QAM	12	0	20.81	20.94	20.83	22.50
5	16QAM	12	7	20.92	20.98	20.91	22.50
5	16QAM	12	13	20.78	20.85	20.85	22.50
5	16QAM	25	0	20.78	20.88	20.92	22.50
5	64QAM	1	0	20.82	20.87	20.86	22.50
5	64QAM	1	12	20.81	20.94	20.88	22.50
5	64QAM	1	24	20.87	20.83	20.83	22.50
5	64QAM	12	0	20.77	20.84	20.86	22.50
5	64QAM	12	7	20.79	20.96	20.71	22.50
5	64QAM	12	13	20.79	20.90	20.86	22.50
5	64QAM	25	0	20.85	20.88	20.71	22.50
5	256QAM	1	0	18.94	19.10	18.88	20.50
5	256QAM	1	12	18.93	19.03	18.99	20.50

5	256QAM	1	24	19.07	19.16	19.00	20.50
5	256QAM	12	0	18.94	19.05	19.05	20.50
5	256QAM	12	7	19.02	19.10	18.99	20.50
5	256QAM	12	13	18.91	19.09	19.07	20.50
5	256QAM	25	0	18.99	19.11	19.08	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.93	20.99	20.93	22.50
3	QPSK	1	8	20.75	20.88	20.80	22.50
3	QPSK	1	14	20.94	21.00	20.88	22.50
3	QPSK	8	0	20.97	21.03	20.99	22.50
3	QPSK	8	4	20.73	20.90	20.92	22.50
3	QPSK	8	7	20.73	20.98	20.78	22.50
3	QPSK	15	0	20.88	20.86	20.81	22.50
3	16QAM	1	0	20.79	20.89	20.75	22.50
3	16QAM	1	8	20.85	20.86	20.86	22.50
3	16QAM	1	14	20.72	20.89	20.80	22.50
3	16QAM	8	0	20.85	20.94	20.82	22.50
3	16QAM	8	4	20.83	20.99	20.84	22.50
3	16QAM	8	7	20.80	20.88	20.78	22.50
3	16QAM	15	0	20.72	20.95	20.83	22.50
3	64QAM	1	0	20.85	20.98	20.80	22.50
3	64QAM	1	8	20.92	20.93	20.86	22.50
3	64QAM	1	14	20.93	20.88	20.87	22.50
3	64QAM	8	0	20.78	20.83	20.80	22.50
3	64QAM	8	4	20.88	20.95	20.70	22.50
3	64QAM	8	7	20.73	20.99	20.80	22.50
3	64QAM	15	0	20.86	20.83	20.77	22.50
3	256QAM	1	0	18.97	19.16	18.97	20.50
3	256QAM	1	8	19.00	19.06	19.10	20.50
3	256QAM	1	14	18.98	19.05	18.91	20.50
3	256QAM	8	0	19.02	19.09	18.97	20.50
3	256QAM	8	4	19.08	19.08	19.07	20.50
3	256QAM	8	7	18.95	19.08	19.02	20.50
3	256QAM	15	0	18.97	19.13	18.96	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.96	21.00	21.01	22.50
1.4	QPSK	1	3	20.81	20.96	20.84	22.50
1.4	QPSK	1	5	20.91	21.00	20.87	22.50
1.4	QPSK	3	0	21.08	21.00	21.02	22.50
1.4	QPSK	3	1	20.77	20.91	20.92	22.50
1.4	QPSK	3	3	20.76	20.98	20.79	22.50
1.4	QPSK	6	0	20.88	20.93	20.88	22.50
1.4	16QAM	1	0	20.81	20.96	20.86	22.50
1.4	16QAM	1	3	20.80	20.82	20.81	22.50
1.4	16QAM	1	5	20.78	20.90	20.83	22.50
1.4	16QAM	3	0	20.82	20.91	20.82	22.50
1.4	16QAM	3	1	20.93	20.96	20.89	22.50
1.4	16QAM	3	3	20.75	20.84	20.80	22.50
1.4	16QAM	6	0	20.75	20.90	20.92	22.50
1.4	64QAM	1	0	20.82	20.88	20.82	22.50
1.4	64QAM	1	3	20.93	20.97	20.85	22.50
1.4	64QAM	1	5	20.85	20.84	20.91	22.50
1.4	64QAM	3	0	20.88	20.88	20.79	22.50
1.4	64QAM	3	1	20.87	20.91	20.82	22.50
1.4	64QAM	3	3	20.77	20.91	20.76	22.50
1.4	64QAM	6	0	20.91	20.91	20.76	22.50
1.4	256QAM	1	0	18.90	19.05	18.88	20.50
1.4	256QAM	1	3	18.94	19.12	19.04	20.50
1.4	256QAM	1	5	18.96	19.12	19.01	20.50
1.4	256QAM	3	0	18.96	19.18	19.02	20.50
1.4	256QAM	3	1	18.95	19.01	19.10	20.50
1.4	256QAM	3	3	18.92	19.04	19.02	20.50
1.4	256QAM	6	0	18.94	19.12	19.04	20.50

【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	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.22	24.24	24.23	25.50
20	QPSK	1	49	24.10	24.10	24.07	25.50
20	QPSK	1	99	24.03	24.14	24.03	25.50
20	QPSK	50	0	23.22	23.35	23.18	24.50
20	QPSK	50	24	23.19	23.31	23.15	24.50
20	QPSK	50	50	23.11	23.23	23.20	24.50
20	QPSK	100	0	23.22	23.17	23.11	24.50
20	16QAM	1	0	23.14	23.17	23.19	24.50
20	16QAM	1	49	23.16	23.22	23.14	24.50
20	16QAM	1	99	23.17	23.18	23.14	24.50
20	16QAM	50	0	22.20	22.25	22.19	23.50
20	16QAM	50	24	22.22	22.29	22.20	23.50
20	16QAM	50	50	22.14	22.19	22.12	23.50
20	16QAM	100	0	22.14	22.25	22.14	23.50
20	64QAM	1	0	22.24	22.12	22.24	23.50
20	64QAM	1	49	22.15	22.20	22.13	23.50
20	64QAM	1	99	22.26	22.22	22.17	23.50
20	64QAM	50	0	21.20	21.21	21.11	22.50
20	64QAM	50	24	21.22	21.20	21.17	22.50
20	64QAM	50	50	21.09	21.19	21.21	22.50
20	64QAM	100	0	21.19	21.22	21.20	22.50
20	256QAM	1	0	19.16	19.23	19.19	20.50
20	256QAM	1	49	19.19	19.18	19.12	20.50
20	256QAM	1	99	19.16	19.25	19.20	20.50
20	256QAM	50	0	19.22	19.23	19.18	20.50
20	256QAM	50	24	19.09	19.27	19.22	20.50
20	256QAM	50	50	19.18	19.16	19.18	20.50
20	256QAM	100	0	19.23	19.22	19.15	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.20	24.12	24.18	25.50
15	QPSK	1	37	24.03	24.04	24.04	25.50
15	QPSK	1	74	24.02	24.06	23.97	25.50
15	QPSK	36	0	23.13	23.32	23.04	24.50
15	QPSK	36	20	23.10	23.18	23.03	24.50
15	QPSK	36	39	23.07	23.18	23.07	24.50
15	QPSK	75	0	23.10	23.12	23.10	24.50
15	16QAM	1	0	23.04	23.03	23.17	24.50
15	16QAM	1	37	23.08	23.07	23.05	24.50
15	16QAM	1	74	23.13	23.04	23.08	24.50
15	16QAM	36	0	22.17	22.16	22.06	23.50
15	16QAM	36	20	22.08	22.16	22.09	23.50
15	16QAM	36	39	22.08	22.17	22.05	23.50
15	16QAM	75	0	22.03	22.10	22.12	23.50
15	64QAM	1	0	22.19	22.04	22.20	23.50
15	64QAM	1	37	22.07	22.11	22.05	23.50
15	64QAM	1	74	22.24	22.20	22.14	23.50
15	64QAM	36	0	21.10	21.16	21.02	22.50
15	64QAM	36	20	21.18	21.17	21.09	22.50
15	64QAM	36	39	21.00	21.07	21.20	22.50
15	64QAM	75	0	21.17	21.08	21.10	22.50
15	256QAM	1	0	19.09	19.22	19.06	20.50
15	256QAM	1	37	19.18	19.11	19.00	20.50
15	256QAM	1	74	19.03	19.22	19.12	20.50
15	256QAM	36	0	19.08	19.14	19.15	20.50
15	256QAM	36	20	19.01	19.25	19.14	20.50
15	256QAM	36	39	19.13	19.09	19.15	20.50
15	256QAM	75	0	19.21	19.18	19.08	20.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.13	24.16	24.20	25.50
10	QPSK	1	25	24.08	24.01	23.96	25.50
10	QPSK	1	49	23.99	24.09	23.94	25.50
10	QPSK	25	0	23.21	23.27	23.13	24.50
10	QPSK	25	12	23.06	23.20	23.14	24.50
10	QPSK	25	25	23.05	23.09	23.17	24.50
10	QPSK	50	0	23.20	23.15	23.00	24.50
10	16QAM	1	0	23.00	23.14	23.16	24.50

10	16QAM	1	25	23.07	23.19	23.03	24.50
10	16QAM	1	49	23.15	23.14	23.00	24.50
10	16QAM	25	0	22.11	22.12	22.11	23.50
10	16QAM	25	12	22.16	22.28	22.16	23.50
10	16QAM	25	25	22.11	22.10	22.06	23.50
10	16QAM	50	0	22.07	22.19	22.03	23.50
10	64QAM	1	0	22.20	22.07	22.16	23.50
10	64QAM	1	25	22.13	22.18	22.06	23.50
10	64QAM	1	49	22.17	22.15	22.13	23.50
10	64QAM	25	0	21.09	21.09	20.98	22.50
10	64QAM	25	12	21.16	21.09	21.09	22.50
10	64QAM	25	25	21.06	21.16	21.17	22.50
10	64QAM	50	0	21.12	21.16	21.16	22.50
10	256QAM	1	0	19.04	19.17	19.08	20.50
10	256QAM	1	25	19.17	19.04	19.01	20.50
10	256QAM	1	49	19.08	19.15	19.05	20.50
10	256QAM	25	0	19.12	19.08	19.15	20.50
10	256QAM	25	12	18.99	19.18	19.15	20.50
10	256QAM	25	25	19.17	19.14	19.07	20.50
10	256QAM	50	0	19.15	19.18	19.01	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.11	24.09	24.15	25.50
5	QPSK	1	12	24.09	23.98	24.06	25.50
5	QPSK	1	24	24.01	24.02	24.01	25.50
5	QPSK	12	0	23.11	23.21	23.07	24.50
5	QPSK	12	7	23.10	23.16	23.10	24.50
5	QPSK	12	13	23.00	23.19	23.14	24.50
5	QPSK	25	0	23.08	23.12	23.08	24.50
5	16QAM	1	0	23.00	23.03	23.07	24.50
5	16QAM	1	12	23.10	23.19	23.12	24.50
5	16QAM	1	24	23.04	23.03	23.04	24.50
5	16QAM	12	0	22.15	22.23	22.17	23.50
5	16QAM	12	7	22.10	22.16	22.09	23.50
5	16QAM	12	13	22.10	22.07	22.08	23.50
5	16QAM	25	0	22.08	22.10	22.08	23.50
5	64QAM	1	0	22.19	22.02	22.10	23.50
5	64QAM	1	12	22.11	22.07	22.07	23.50
5	64QAM	1	24	22.14	22.16	22.15	23.50
5	64QAM	12	0	21.06	21.13	21.07	22.50
5	64QAM	12	7	21.13	21.12	21.05	22.50
5	64QAM	12	13	20.95	21.13	21.19	22.50
5	64QAM	25	0	21.10	21.20	21.06	22.50
5	256QAM	1	0	19.10	19.18	19.07	20.50
5	256QAM	1	12	19.09	19.11	19.03	20.50
5	256QAM	1	24	19.09	19.21	19.19	20.50
5	256QAM	12	0	19.16	19.11	19.05	20.50
5	256QAM	12	7	18.98	19.23	19.14	20.50
5	256QAM	12	13	19.13	19.02	19.08	20.50
5	256QAM	25	0	19.09	19.12	19.11	20.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.19	24.21	24.12	25.50
3	QPSK	1	8	24.01	24.02	23.99	25.50
3	QPSK	1	14	23.96	24.02	23.99	25.50
3	QPSK	8	0	23.10	23.26	23.11	24.50
3	QPSK	8	4	23.06	23.26	23.10	24.50
3	QPSK	8	7	23.00	23.20	23.06	24.50
3	QPSK	15	0	23.14	23.09	23.02	24.50
3	16QAM	1	0	23.01	23.13	23.05	24.50
3	16QAM	1	8	23.02	23.15	22.99	24.50
3	16QAM	1	14	23.09	23.04	23.01	24.50
3	16QAM	8	0	22.05	22.24	22.07	23.50
3	16QAM	8	4	22.18	22.19	22.12	23.50
3	16QAM	8	7	22.01	22.12	22.09	23.50
3	16QAM	15	0	22.11	22.14	22.03	23.50
3	64QAM	1	0	22.20	22.01	22.16	23.50
3	64QAM	1	8	22.06	22.14	22.12	23.50
3	64QAM	1	14	22.25	22.11	22.07	23.50
3	64QAM	8	0	21.06	21.15	21.08	22.50
3	64QAM	8	4	21.07	21.16	21.14	22.50
3	64QAM	8	7	21.08	21.08	21.15	22.50
3	64QAM	15	0	21.13	21.20	21.07	22.50
3	256QAM	1	0	19.03	19.14	19.16	20.50
3	256QAM	1	8	19.15	19.08	19.01	20.50
3	256QAM	1	14	19.06	19.22	19.05	20.50
3	256QAM	8	0	19.19	19.14	19.10	20.50
3	256QAM	8	4	19.07	19.16	19.07	20.50

3	256QAM	8	7	19.16	19.10	19.17	20.50
3	256QAM	15	0	19.14	19.16	19.12	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.07	24.22	24.13	25.50
1.4	QPSK	1	3	24.06	24.07	24.03	25.50
1.4	QPSK	1	5	24.01	24.08	24.02	25.50
1.4	QPSK	3	0	24.19	24.27	24.06	25.50
1.4	QPSK	3	1	24.07	24.20	24.04	25.50
1.4	QPSK	3	3	24.10	24.17	24.09	25.50
1.4	QPSK	6	0	23.19	23.03	23.05	24.50
1.4	16QAM	1	0	23.02	23.03	23.17	24.50
1.4	16QAM	1	3	23.06	23.07	23.10	24.50
1.4	16QAM	1	5	23.03	23.08	23.11	24.50
1.4	16QAM	3	0	23.16	23.14	23.13	24.50
1.4	16QAM	3	1	23.10	23.20	23.14	24.50
1.4	16QAM	3	3	23.12	23.09	22.98	24.50
1.4	16QAM	6	0	22.13	22.11	22.04	23.50
1.4	64QAM	1	0	22.19	22.09	22.15	23.50
1.4	64QAM	1	3	22.04	22.05	22.10	23.50
1.4	64QAM	1	5	22.17	22.11	22.12	23.50
1.4	64QAM	3	0	22.14	22.08	22.07	23.50
1.4	64QAM	3	1	22.15	22.15	22.08	23.50
1.4	64QAM	3	3	22.01	22.04	22.18	23.50
1.4	64QAM	6	0	21.05	21.20	21.18	22.50
1.4	256QAM	1	0	19.03	19.15	19.07	20.50
1.4	256QAM	1	3	19.14	19.10	19.05	20.50
1.4	256QAM	1	5	19.11	19.20	19.15	20.50
1.4	256QAM	3	0	19.09	19.14	19.03	20.50
1.4	256QAM	3	1	18.95	19.25	19.19	20.50
1.4	256QAM	3	3	19.08	19.14	19.08	20.50
1.4	256QAM	6	0	19.20	19.16	19.05	20.50

【LTE Band 4_Ant 2_ECI 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	17.79	17.80	17.76	19.00
20	QPSK	1	49	17.59	17.67	17.61	19.00
20	QPSK	1	99	17.66	17.67	17.58	19.00
20	QPSK	50	0	17.73	17.75	17.71	19.00
20	QPSK	50	24	17.66	17.68	17.58	19.00
20	QPSK	50	50	17.63	17.71	17.60	19.00
20	QPSK	100	0	17.64	17.65	17.60	19.00
20	16QAM	1	0	17.68	17.62	17.63	19.00
20	16QAM	1	49	17.65	17.63	17.58	19.00
20	16QAM	1	99	17.61	17.71	17.67	19.00
20	16QAM	50	0	17.69	17.65	17.62	19.00
20	16QAM	50	24	17.64	17.71	17.62	19.00
20	16QAM	50	50	17.68	17.68	17.64	19.00
20	16QAM	100	0	17.61	17.70	17.66	19.00
20	64QAM	1	0	17.65	17.67	17.63	19.00
20	64QAM	1	49	17.67	17.62	17.64	19.00
20	64QAM	1	99	17.60	17.71	17.59	19.00
20	64QAM	50	0	17.64	17.62	17.67	19.00
20	64QAM	50	24	17.59	17.62	17.58	19.00
20	64QAM	50	50	17.68	17.64	17.62	19.00
20	64QAM	100	0	17.61	17.69	17.62	19.00
20	256QAM	1	0	17.64	17.67	17.59	19.00
20	256QAM	1	49	17.60	17.68	17.62	19.00
20	256QAM	1	99	17.70	17.69	17.58	19.00
20	256QAM	50	0	17.60	17.67	17.64	19.00
20	256QAM	50	24	17.61	17.63	17.61	19.00
20	256QAM	50	50	17.62	17.60	17.63	19.00
20	256QAM	100	0	17.63	17.65	17.57	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.75	17.76	17.73	19.00
15	QPSK	1	37	17.55	17.55	17.50	19.00
15	QPSK	1	74	17.58	17.54	17.45	19.00
15	QPSK	36	0	17.70	17.68	17.59	19.00

15	QPSK	36	20	17.64	17.55	17.46	19.00
15	QPSK	36	39	17.59	17.59	17.49	19.00
15	QPSK	75	0	17.53	17.58	17.48	19.00
15	16QAM	1	0	17.60	17.57	17.62	19.00
15	16QAM	1	37	17.50	17.51	17.50	19.00
15	16QAM	1	74	17.58	17.66	17.64	19.00
15	16QAM	36	0	17.62	17.64	17.57	19.00
15	16QAM	36	20	17.57	17.62	17.53	19.00
15	16QAM	36	39	17.56	17.54	17.58	19.00
15	16QAM	75	0	17.48	17.57	17.60	19.00
15	64QAM	1	0	17.55	17.55	17.51	19.00
15	64QAM	1	37	17.56	17.53	17.50	19.00
15	64QAM	1	74	17.45	17.61	17.56	19.00
15	64QAM	36	0	17.52	17.61	17.59	19.00
15	64QAM	36	20	17.55	17.54	17.55	19.00
15	64QAM	36	39	17.59	17.58	17.51	19.00
15	64QAM	75	0	17.50	17.56	17.50	19.00
15	256QAM	1	0	17.56	17.61	17.54	19.00
15	256QAM	1	37	17.52	17.56	17.49	19.00
15	256QAM	1	74	17.64	17.61	17.49	19.00
15	256QAM	36	0	17.52	17.56	17.50	19.00
15	256QAM	36	20	17.54	17.57	17.55	19.00
15	256QAM	36	39	17.51	17.58	17.61	19.00
15	256QAM	75	0	17.51	17.56	17.51	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.72	17.67	17.71	19.00
10	QPSK	1	25	17.46	17.64	17.58	19.00
10	QPSK	1	49	17.59	17.59	17.51	19.00
10	QPSK	25	0	17.59	17.61	17.62	19.00
10	QPSK	25	12	17.53	17.66	17.57	19.00
10	QPSK	25	25	17.57	17.63	17.52	19.00
10	QPSK	50	0	17.62	17.56	17.52	19.00
10	16QAM	1	0	17.62	17.57	17.58	19.00
10	16QAM	1	25	17.60	17.53	17.46	19.00
10	16QAM	1	49	17.60	17.68	17.58	19.00
10	16QAM	25	0	17.66	17.51	17.60	19.00
10	16QAM	25	12	17.50	17.58	17.49	19.00
10	16QAM	25	25	17.54	17.53	17.57	19.00
10	16QAM	50	0	17.57	17.63	17.57	19.00
10	64QAM	1	0	17.62	17.53	17.54	19.00
10	64QAM	1	25	17.65	17.57	17.54	19.00
10	64QAM	1	49	17.48	17.58	17.57	19.00
10	64QAM	25	0	17.59	17.54	17.64	19.00
10	64QAM	25	12	17.49	17.50	17.54	19.00
10	64QAM	25	25	17.60	17.53	17.50	19.00
10	64QAM	50	0	17.58	17.64	17.54	19.00
10	256QAM	1	0	17.49	17.57	17.56	19.00
10	256QAM	1	25	17.46	17.55	17.53	19.00
10	256QAM	1	49	17.62	17.68	17.56	19.00
10	256QAM	25	0	17.50	17.57	17.53	19.00
10	256QAM	25	12	17.53	17.50	17.49	19.00
10	256QAM	25	25	17.55	17.48	17.55	19.00
10	256QAM	50	0	17.50	17.52	17.43	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.65	17.77	17.74	19.00
5	QPSK	1	12	17.55	17.55	17.51	19.00
5	QPSK	1	24	17.59	17.64	17.51	19.00
5	QPSK	12	0	17.66	17.68	17.64	19.00
5	QPSK	12	7	17.64	17.60	17.48	19.00
5	QPSK	12	13	17.48	17.65	17.45	19.00
5	QPSK	25	0	17.55	17.56	17.50	19.00
5	16QAM	1	0	17.67	17.54	17.51	19.00
5	16QAM	1	12	17.50	17.48	17.51	19.00
5	16QAM	1	24	17.53	17.58	17.54	19.00
5	16QAM	12	0	17.63	17.52	17.60	19.00
5	16QAM	12	7	17.54	17.64	17.48	19.00
5	16QAM	12	13	17.66	17.67	17.62	19.00
5	16QAM	25	0	17.57	17.67	17.58	19.00
5	64QAM	1	0	17.61	17.58	17.61	19.00
5	64QAM	1	12	17.65	17.54	17.54	19.00
5	64QAM	1	24	17.58	17.64	17.52	19.00
5	64QAM	12	0	17.50	17.47	17.66	19.00
5	64QAM	12	7	17.47	17.52	17.44	19.00
5	64QAM	12	13	17.57	17.59	17.60	19.00
5	64QAM	25	0	17.56	17.62	17.53	19.00
5	256QAM	1	0	17.52	17.64	17.48	19.00

5	256QAM	1	12	17.54	17.54	17.56	19.00
5	256QAM	1	24	17.64	17.61	17.55	19.00
5	256QAM	12	0	17.57	17.65	17.58	19.00
5	256QAM	12	7	17.49	17.52	17.47	19.00
5	256QAM	12	13	17.57	17.57	17.57	19.00
5	256QAM	25	0	17.56	17.63	17.44	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.73	17.68	17.69	19.00
3	QPSK	1	8	17.47	17.59	17.59	19.00
3	QPSK	1	14	17.64	17.55	17.49	19.00
3	QPSK	8	0	17.65	17.63	17.65	19.00
3	QPSK	8	4	17.54	17.67	17.46	19.00
3	QPSK	8	7	17.53	17.68	17.53	19.00
3	QPSK	15	0	17.53	17.58	17.49	19.00
3	16QAM	1	0	17.55	17.56	17.50	19.00
3	16QAM	1	8	17.64	17.59	17.50	19.00
3	16QAM	1	14	17.57	17.57	17.55	19.00
3	16QAM	8	0	17.68	17.56	17.53	19.00
3	16QAM	8	4	17.54	17.63	17.51	19.00
3	16QAM	8	7	17.65	17.63	17.55	19.00
3	16QAM	15	0	17.49	17.57	17.54	19.00
3	64QAM	1	0	17.58	17.62	17.52	19.00
3	64QAM	1	8	17.54	17.55	17.51	19.00
3	64QAM	1	14	17.50	17.64	17.50	19.00
3	64QAM	8	0	17.58	17.61	17.61	19.00
3	64QAM	8	4	17.58	17.60	17.56	19.00
3	64QAM	8	7	17.55	17.53	17.53	19.00
3	64QAM	15	0	17.54	17.58	17.48	19.00
3	256QAM	1	0	17.60	17.59	17.55	19.00
3	256QAM	1	8	17.56	17.61	17.59	19.00
3	256QAM	1	14	17.58	17.62	17.45	19.00
3	256QAM	8	0	17.55	17.61	17.55	19.00
3	256QAM	8	4	17.46	17.60	17.57	19.00
3	256QAM	8	7	17.49	17.57	17.49	19.00
3	256QAM	15	0	17.55	17.54	17.47	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.65	17.72	17.71	19.00
1.4	QPSK	1	3	17.47	17.57	17.53	19.00
1.4	QPSK	1	5	17.64	17.52	17.45	19.00
1.4	QPSK	3	0	17.59	17.68	17.65	19.00
1.4	QPSK	3	1	17.58	17.59	17.55	19.00
1.4	QPSK	3	3	17.57	17.69	17.52	19.00
1.4	QPSK	6	0	17.58	17.61	17.45	19.00
1.4	16QAM	1	0	17.64	17.54	17.59	19.00
1.4	16QAM	1	3	17.55	17.49	17.52	19.00
1.4	16QAM	1	5	17.53	17.57	17.58	19.00
1.4	16QAM	3	0	17.56	17.51	17.49	19.00
1.4	16QAM	3	1	17.61	17.68	17.58	19.00
1.4	16QAM	3	3	17.54	17.67	17.58	19.00
1.4	16QAM	6	0	17.51	17.64	17.63	19.00
1.4	64QAM	1	0	17.54	17.65	17.61	19.00
1.4	64QAM	1	3	17.52	17.61	17.57	19.00
1.4	64QAM	1	5	17.55	17.67	17.56	19.00
1.4	64QAM	3	0	17.51	17.48	17.65	19.00
1.4	64QAM	3	1	17.49	17.52	17.53	19.00
1.4	64QAM	3	3	17.58	17.59	17.58	19.00
1.4	64QAM	6	0	17.52	17.65	17.54	19.00
1.4	256QAM	1	0	17.59	17.57	17.57	19.00
1.4	256QAM	1	3	17.50	17.66	17.50	19.00
1.4	256QAM	1	5	17.55	17.67	17.52	19.00
1.4	256QAM	3	0	17.49	17.56	17.49	19.00
1.4	256QAM	3	1	17.55	17.58	17.47	19.00
1.4	256QAM	3	3	17.50	17.47	17.49	19.00
1.4	256QAM	6	0	17.52	17.62	17.47	19.00

【LTE Band 4_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.41	18.51	18.35	19.50
20	QPSK	1	49	18.32	18.38	18.19	19.50
20	QPSK	1	99	18.25	18.42	18.16	19.50
20	QPSK	50	0	18.48	18.49	18.47	19.50
20	QPSK	50	24	18.30	18.42	18.20	19.50
20	QPSK	50	50	18.32	18.43	18.23	19.50
20	QPSK	100	0	18.32	18.37	18.18	19.50
20	16QAM	1	0	18.22	18.32	18.17	19.50
20	16QAM	1	49	18.23	18.40	18.15	19.50
20	16QAM	1	99	18.31	18.35	18.25	19.50
20	16QAM	50	0	18.26	18.43	18.18	19.50
20	16QAM	50	24	18.22	18.40	18.17	19.50
20	16QAM	50	50	18.27	18.38	18.25	19.50
20	16QAM	100	0	18.23	18.38	18.26	19.50
20	64QAM	1	0	18.29	18.34	18.22	19.50
20	64QAM	1	49	18.30	18.38	18.19	19.50
20	64QAM	1	99	18.21	18.33	18.21	19.50
20	64QAM	50	0	18.30	18.41	18.25	19.50
20	64QAM	50	24	18.27	18.38	18.23	19.50
20	64QAM	50	50	18.28	18.39	18.25	19.50
20	64QAM	100	0	18.31	18.34	18.16	19.50
20	256QAM	1	0	18.24	18.37	18.26	19.50
20	256QAM	1	49	18.28	18.31	18.24	19.50
20	256QAM	1	99	18.25	18.34	18.16	19.50
20	256QAM	50	0	18.22	18.41	18.25	19.50
20	256QAM	50	24	18.23	18.32	18.24	19.50
20	256QAM	50	50	18.26	18.40	18.21	19.50
20	256QAM	100	0	18.22	18.38	18.25	19.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.28	18.43	18.26	19.50
15	QPSK	1	37	18.26	18.32	18.12	19.50
15	QPSK	1	74	18.15	18.27	18.15	19.50
15	QPSK	36	0	18.44	18.34	18.43	19.50
15	QPSK	36	20	18.16	18.39	18.09	19.50
15	QPSK	36	39	18.27	18.28	18.19	19.50
15	QPSK	75	0	18.27	18.26	18.06	19.50
15	16QAM	1	0	18.11	18.25	18.04	19.50
15	16QAM	1	37	18.12	18.39	18.06	19.50
15	16QAM	1	74	18.24	18.26	18.12	19.50
15	16QAM	36	0	18.18	18.39	18.11	19.50
15	16QAM	36	20	18.18	18.30	18.06	19.50
15	16QAM	36	39	18.23	18.31	18.21	19.50
15	16QAM	75	0	18.19	18.37	18.18	19.50
15	64QAM	1	0	18.19	18.32	18.09	19.50
15	64QAM	1	37	18.16	18.32	18.15	19.50
15	64QAM	1	74	18.13	18.25	18.09	19.50
15	64QAM	36	0	18.16	18.33	18.14	19.50
15	64QAM	36	20	18.25	18.23	18.18	19.50
15	64QAM	36	39	18.16	18.26	18.20	19.50
15	64QAM	75	0	18.24	18.23	18.11	19.50
15	256QAM	1	0	18.19	18.33	18.17	19.50
15	256QAM	1	37	18.17	18.22	18.17	19.50
15	256QAM	1	74	18.22	18.24	18.11	19.50
15	256QAM	36	0	18.12	18.27	18.12	19.50
15	256QAM	36	20	18.16	18.29	18.13	19.50
15	256QAM	36	39	18.21	18.32	18.18	19.50
15	256QAM	75	0	18.10	18.37	18.18	19.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.30	18.49	18.27	19.50
10	QPSK	1	25	18.20	18.31	18.13	19.50
10	QPSK	1	49	18.20	18.34	18.06	19.50
10	QPSK	25	0	18.34	18.44	18.38	19.50
10	QPSK	25	12	18.24	18.37	18.12	19.50
10	QPSK	25	25	18.30	18.32	18.12	19.50
10	QPSK	50	0	18.25	18.25	18.15	19.50
10	16QAM	1	0	18.13	18.27	18.06	19.50
10	16QAM	1	25	18.10	18.31	18.11	19.50

10	16QAM	1	49	18.18	18.27	18.16	19.50
10	16QAM	25	0	18.24	18.37	18.08	19.50
10	16QAM	25	12	18.20	18.26	18.11	19.50
10	16QAM	25	25	18.25	18.26	18.15	19.50
10	16QAM	50	0	18.13	18.30	18.17	19.50
10	64QAM	1	0	18.19	18.22	18.17	19.50
10	64QAM	1	25	18.22	18.37	18.07	19.50
10	64QAM	1	49	18.12	18.18	18.14	19.50
10	64QAM	25	0	18.15	18.27	18.18	19.50
10	64QAM	25	12	18.25	18.32	18.09	19.50
10	64QAM	25	25	18.25	18.26	18.14	19.50
10	64QAM	50	0	18.17	18.32	18.14	19.50
10	256QAM	1	0	18.23	18.32	18.16	19.50
10	256QAM	1	25	18.14	18.17	18.14	19.50
10	256QAM	1	49	18.10	18.32	18.05	19.50
10	256QAM	25	0	18.20	18.28	18.13	19.50
10	256QAM	25	12	18.20	18.22	18.14	19.50
10	256QAM	25	25	18.20	18.28	18.15	19.50
10	256QAM	50	0	18.10	18.35	18.14	19.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.34	18.49	18.32	19.50
5	QPSK	1	12	18.29	18.35	18.12	19.50
5	QPSK	1	24	18.17	18.37	18.02	19.50
5	QPSK	12	0	18.45	18.38	18.32	19.50
5	QPSK	12	7	18.20	18.37	18.05	19.50
5	QPSK	12	13	18.21	18.28	18.10	19.50
5	QPSK	25	0	18.20	18.23	18.06	19.50
5	16QAM	1	0	18.15	18.28	18.12	19.50
5	16QAM	1	12	18.09	18.37	18.03	19.50
5	16QAM	1	24	18.24	18.23	18.23	19.50
5	16QAM	12	0	18.25	18.34	18.13	19.50
5	16QAM	12	7	18.10	18.32	18.06	19.50
5	16QAM	12	13	18.12	18.29	18.11	19.50
5	16QAM	25	0	18.20	18.36	18.18	19.50
5	64QAM	1	0	18.26	18.29	18.07	19.50
5	64QAM	1	12	18.28	18.33	18.16	19.50
5	64QAM	1	24	18.09	18.30	18.06	19.50
5	64QAM	12	0	18.15	18.36	18.23	19.50
5	64QAM	12	7	18.15	18.36	18.16	19.50
5	64QAM	12	13	18.20	18.24	18.14	19.50
5	64QAM	25	0	18.29	18.20	18.09	19.50
5	256QAM	1	0	18.20	18.31	18.22	19.50
5	256QAM	1	12	18.24	18.19	18.20	19.50
5	256QAM	1	24	18.19	18.22	18.06	19.50
5	256QAM	12	0	18.18	18.27	18.12	19.50
5	256QAM	12	7	18.10	18.18	18.17	19.50
5	256QAM	12	13	18.16	18.26	18.12	19.50
5	256QAM	25	0	18.14	18.30	18.23	19.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.31	18.50	18.30	19.50
3	QPSK	1	8	18.22	18.28	18.06	19.50
3	QPSK	1	14	18.22	18.38	18.05	19.50
3	QPSK	8	0	18.34	18.41	18.39	19.50
3	QPSK	8	4	18.28	18.36	18.17	19.50
3	QPSK	8	7	18.22	18.33	18.22	19.50
3	QPSK	15	0	18.27	18.22	18.12	19.50
3	16QAM	1	0	18.10	18.30	18.09	19.50
3	16QAM	1	8	18.22	18.25	18.07	19.50
3	16QAM	1	14	18.29	18.23	18.18	19.50
3	16QAM	8	0	18.22	18.35	18.06	19.50
3	16QAM	8	4	18.17	18.30	18.04	19.50
3	16QAM	8	7	18.22	18.24	18.22	19.50
3	16QAM	15	0	18.21	18.34	18.20	19.50
3	64QAM	1	0	18.23	18.21	18.08	19.50
3	64QAM	1	8	18.17	18.28	18.06	19.50
3	64QAM	1	14	18.15	18.23	18.13	19.50
3	64QAM	8	0	18.22	18.40	18.23	19.50
3	64QAM	8	4	18.22	18.35	18.16	19.50
3	64QAM	8	7	18.21	18.38	18.15	19.50
3	64QAM	15	0	18.22	18.26	18.06	19.50
3	256QAM	1	0	18.22	18.25	18.21	19.50
3	256QAM	1	8	18.21	18.18	18.21	19.50
3	256QAM	1	14	18.22	18.24	18.03	19.50
3	256QAM	8	0	18.10	18.29	18.21	19.50
3	256QAM	8	4	18.19	18.30	18.09	19.50
3	256QAM	8	7	18.24	18.34	18.11	19.50

3	256QAM	15	0	18.13	18.33	18.18	19.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.30	18.47	18.32	19.50
1.4	QPSK	1	3	18.23	18.33	18.10	19.50
1.4	QPSK	1	5	18.24	18.30	18.12	19.50
1.4	QPSK	3	0	18.37	18.42	18.44	19.50
1.4	QPSK	3	1	18.25	18.33	18.13	19.50
1.4	QPSK	3	3	18.19	18.34	18.15	19.50
1.4	QPSK	6	0	18.27	18.28	18.05	19.50
1.4	16QAM	1	0	18.07	18.20	18.11	19.50
1.4	16QAM	1	3	18.16	18.35	18.04	19.50
1.4	16QAM	1	5	18.30	18.27	18.13	19.50
1.4	16QAM	3	0	18.15	18.37	18.14	19.50
1.4	16QAM	3	1	18.17	18.37	18.05	19.50
1.4	16QAM	3	3	18.18	18.26	18.20	19.50
1.4	16QAM	6	0	18.18	18.26	18.24	19.50
1.4	64QAM	1	0	18.24	18.20	18.09	19.50
1.4	64QAM	1	3	18.20	18.24	18.17	19.50
1.4	64QAM	1	5	18.07	18.22	18.06	19.50
1.4	64QAM	3	0	18.22	18.35	18.22	19.50
1.4	64QAM	3	1	18.15	18.33	18.11	19.50
1.4	64QAM	3	3	18.17	18.25	18.11	19.50
1.4	64QAM	6	0	18.17	18.27	18.15	19.50
1.4	256QAM	1	0	18.18	18.34	18.23	19.50
1.4	256QAM	1	3	18.23	18.20	18.11	19.50
1.4	256QAM	1	5	18.11	18.22	18.10	19.50
1.4	256QAM	3	0	18.19	18.38	18.24	19.50
1.4	256QAM	3	1	18.09	18.28	18.15	19.50
1.4	256QAM	3	3	18.22	18.28	18.09	19.50
1.4	256QAM	6	0	18.09	18.35	18.19	19.50

【LTE Band 4_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.42	22.55	22.38	23.50
20	QPSK	1	49	22.48	22.41	22.37	23.50
20	QPSK	1	99	22.42	22.51	22.39	23.50
20	QPSK	50	0	22.47	22.54	22.31	23.50
20	QPSK	50	24	22.52	22.48	22.41	23.50
20	QPSK	50	50	22.41	22.51	22.42	23.50
20	QPSK	100	0	22.48	22.43	22.47	23.50
20	16QAM	1	0	22.42	22.39	22.39	23.50
20	16QAM	1	49	22.45	22.38	22.38	23.50
20	16QAM	1	99	22.44	22.46	22.46	23.50
20	16QAM	50	0	22.36	22.44	22.39	23.50
20	16QAM	50	24	22.47	22.53	22.42	23.50
20	16QAM	50	50	22.35	22.46	22.36	23.50
20	16QAM	100	0	22.35	22.43	22.41	23.50
20	64QAM	1	0	22.33	22.40	22.41	23.50
20	64QAM	1	49	22.46	22.48	22.31	23.50
20	64QAM	1	99	22.41	22.47	22.35	23.50
20	64QAM	50	0	21.37	21.52	21.36	22.50
20	64QAM	50	24	21.42	21.55	21.40	22.50
20	64QAM	50	50	21.34	21.52	21.41	22.50
20	64QAM	100	0	21.43	21.55	21.34	22.50
20	256QAM	1	0	19.51	19.48	19.42	20.50
20	256QAM	1	49	19.37	19.51	19.38	20.50
20	256QAM	1	99	19.47	19.64	19.36	20.50
20	256QAM	50	0	19.38	19.50	19.29	20.50
20	256QAM	50	24	19.41	19.50	19.37	20.50
20	256QAM	50	50	19.39	19.59	19.48	20.50
20	256QAM	100	0	19.42	19.50	19.50	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.32	22.43	22.32	23.50
15	QPSK	1	37	22.47	22.34	22.27	23.50
15	QPSK	1	74	22.40	22.48	22.32	23.50
15	QPSK	36	0	22.34	22.46	22.27	23.50
15	QPSK	36	20	22.43	22.46	22.26	23.50

15	QPSK	36	39	22.26	22.40	22.32	23.50
15	QPSK	75	0	22.41	22.28	22.43	23.50
15	16QAM	1	0	22.35	22.27	22.25	23.50
15	16QAM	1	37	22.30	22.36	22.28	23.50
15	16QAM	1	74	22.40	22.32	22.37	23.50
15	16QAM	36	0	22.29	22.33	22.36	23.50
15	16QAM	36	20	22.34	22.43	22.34	23.50
15	16QAM	36	39	22.21	22.33	22.29	23.50
15	16QAM	75	0	22.23	22.36	22.30	23.50
15	64QAM	1	0	22.29	22.36	22.32	23.50
15	64QAM	1	37	22.38	22.47	22.22	23.50
15	64QAM	1	74	22.30	22.41	22.31	23.50
15	64QAM	36	0	21.26	21.39	21.32	22.50
15	64QAM	36	20	21.32	21.45	21.31	22.50
15	64QAM	36	39	21.19	21.49	21.31	22.50
15	64QAM	75	0	21.30	21.41	21.20	22.50
15	256QAM	1	0	19.40	19.45	19.32	20.50
15	256QAM	1	37	19.27	19.38	19.36	20.50
15	256QAM	1	74	19.41	19.55	19.35	20.50
15	256QAM	36	0	19.32	19.39	19.23	20.50
15	256QAM	36	20	19.32	19.36	19.33	20.50
15	256QAM	36	39	19.34	19.57	19.43	20.50
15	256QAM	75	0	19.29	19.40	19.37	20.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.39	22.42	22.26	23.50
10	QPSK	1	25	22.41	22.35	22.22	23.50
10	QPSK	1	49	22.34	22.46	22.34	23.50
10	QPSK	25	0	22.32	22.49	22.17	23.50
10	QPSK	25	12	22.40	22.37	22.29	23.50
10	QPSK	25	25	22.32	22.40	22.40	23.50
10	QPSK	50	0	22.40	22.32	22.33	23.50
10	16QAM	1	0	22.29	22.27	22.28	23.50
10	16QAM	1	25	22.33	22.24	22.25	23.50
10	16QAM	1	49	22.42	22.38	22.44	23.50
10	16QAM	25	0	22.25	22.38	22.25	23.50
10	16QAM	25	12	22.37	22.46	22.31	23.50
10	16QAM	25	25	22.27	22.34	22.29	23.50
10	16QAM	50	0	22.20	22.31	22.32	23.50
10	64QAM	1	0	22.25	22.35	22.29	23.50
10	64QAM	1	25	22.35	22.37	22.27	23.50
10	64QAM	1	49	22.32	22.45	22.21	23.50
10	64QAM	25	0	21.24	21.37	21.31	22.50
10	64QAM	25	12	21.39	21.52	21.33	22.50
10	64QAM	25	25	21.22	21.40	21.33	22.50
10	64QAM	50	0	21.41	21.43	21.24	22.50
10	256QAM	1	0	19.42	19.44	19.41	20.50
10	256QAM	1	25	19.26	19.43	19.23	20.50
10	256QAM	1	49	19.39	19.61	19.21	20.50
10	256QAM	25	0	19.33	19.43	19.24	20.50
10	256QAM	25	12	19.36	19.44	19.24	20.50
10	256QAM	25	25	19.30	19.58	19.39	20.50
10	256QAM	50	0	19.33	19.36	19.39	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.32	22.49	22.34	23.50
5	QPSK	1	12	22.45	22.33	22.29	23.50
5	QPSK	1	24	22.33	22.38	22.29	23.50
5	QPSK	12	0	22.43	22.45	22.20	23.50
5	QPSK	12	7	22.45	22.44	22.39	23.50
5	QPSK	12	13	22.36	22.47	22.40	23.50
5	QPSK	25	0	22.45	22.41	22.38	23.50
5	16QAM	1	0	22.39	22.33	22.27	23.50
5	16QAM	1	12	22.37	22.30	22.37	23.50
5	16QAM	1	24	22.35	22.38	22.39	23.50
5	16QAM	12	0	22.34	22.34	22.34	23.50
5	16QAM	12	7	22.32	22.47	22.36	23.50
5	16QAM	12	13	22.23	22.38	22.33	23.50
5	16QAM	25	0	22.29	22.33	22.29	23.50
5	64QAM	1	0	22.22	22.26	22.38	23.50
5	64QAM	1	12	22.36	22.44	22.20	23.50
5	64QAM	1	24	22.32	22.40	22.23	23.50
5	64QAM	12	0	21.26	21.49	21.24	22.50
5	64QAM	12	7	21.40	21.42	21.35	22.50
5	64QAM	12	13	21.20	21.45	21.30	22.50
5	64QAM	25	0	21.37	21.45	21.29	22.50
5	256QAM	1	0	19.46	19.44	19.35	20.50
5	256QAM	1	12	19.27	19.48	19.30	20.50

5	256QAM	1	24	19.44	19.60	19.30	20.50
5	256QAM	12	0	19.30	19.44	19.15	20.50
5	256QAM	12	7	19.27	19.44	19.29	20.50
5	256QAM	12	13	19.32	19.53	19.37	20.50
5	256QAM	25	0	19.39	19.45	19.37	20.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.37	22.49	22.27	23.50
3	QPSK	1	8	22.33	22.30	22.23	23.50
3	QPSK	1	14	22.40	22.44	22.35	23.50
3	QPSK	8	0	22.46	22.51	22.20	23.50
3	QPSK	8	4	22.43	22.37	22.34	23.50
3	QPSK	8	7	22.33	22.37	22.30	23.50
3	QPSK	15	0	22.38	22.28	22.43	23.50
3	16QAM	1	0	22.37	22.32	22.28	23.50
3	16QAM	1	8	22.41	22.35	22.35	23.50
3	16QAM	1	14	22.35	22.38	22.33	23.50
3	16QAM	8	0	22.34	22.37	22.34	23.50
3	16QAM	8	4	22.42	22.49	22.34	23.50
3	16QAM	8	7	22.31	22.36	22.27	23.50
3	16QAM	15	0	22.31	22.35	22.39	23.50
3	64QAM	1	0	22.25	22.33	22.35	23.50
3	64QAM	1	8	22.39	22.40	22.26	23.50
3	64QAM	1	14	22.38	22.34	22.23	23.50
3	64QAM	8	0	21.31	21.38	21.33	22.50
3	64QAM	8	4	21.34	21.41	21.27	22.50
3	64QAM	8	7	21.20	21.47	21.34	22.50
3	64QAM	15	0	21.39	21.40	21.31	22.50
3	256QAM	1	0	19.36	19.36	19.41	20.50
3	256QAM	1	8	19.27	19.37	19.32	20.50
3	256QAM	1	14	19.36	19.58	19.23	20.50
3	256QAM	8	0	19.27	19.37	19.20	20.50
3	256QAM	8	4	19.37	19.46	19.35	20.50
3	256QAM	8	7	19.35	19.45	19.36	20.50
3	256QAM	15	0	19.28	19.46	19.49	20.50
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.37	22.51	22.25	23.50
1.4	QPSK	1	3	22.46	22.39	22.30	23.50
1.4	QPSK	1	5	22.27	22.40	22.29	23.50
1.4	QPSK	3	0	22.36	22.40	22.26	23.50
1.4	QPSK	3	1	22.41	22.37	22.33	23.50
1.4	QPSK	3	3	22.27	22.38	22.39	23.50
1.4	QPSK	6	0	22.34	22.41	22.35	23.50
1.4	16QAM	1	0	22.34	22.36	22.29	23.50
1.4	16QAM	1	3	22.35	22.37	22.30	23.50
1.4	16QAM	1	5	22.32	22.31	22.39	23.50
1.4	16QAM	3	0	22.33	22.39	22.32	23.50
1.4	16QAM	3	1	22.38	22.46	22.32	23.50
1.4	16QAM	3	3	22.24	22.43	22.27	23.50
1.4	16QAM	6	0	22.25	22.32	22.26	23.50
1.4	64QAM	1	0	22.22	22.28	22.29	23.50
1.4	64QAM	1	3	22.42	22.41	22.17	23.50
1.4	64QAM	1	5	22.27	22.35	22.32	23.50
1.4	64QAM	3	0	22.32	22.47	22.26	23.50
1.4	64QAM	3	1	22.31	22.43	22.39	23.50
1.4	64QAM	3	3	22.21	22.44	22.33	23.50
1.4	64QAM	6	0	21.34	21.45	21.20	22.50
1.4	256QAM	1	0	19.45	19.42	19.37	20.50
1.4	256QAM	1	3	19.28	19.41	19.28	20.50
1.4	256QAM	1	5	19.46	19.59	19.34	20.50
1.4	256QAM	3	0	19.27	19.37	19.18	20.50
1.4	256QAM	3	1	19.34	19.38	19.25	20.50
1.4	256QAM	3	3	19.25	19.46	19.43	20.50
1.4	256QAM	6	0	19.35	19.49	19.42	20.50

【LTE Band 4_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.79	17.80	17.76	19.00
20	QPSK	1	49	17.59	17.67	17.61	19.00
20	QPSK	1	99	17.66	17.67	17.58	19.00
20	QPSK	50	0	17.73	17.75	17.71	19.00
20	QPSK	50	24	17.66	17.68	17.58	19.00
20	QPSK	50	50	17.63	17.71	17.60	19.00
20	QPSK	100	0	17.64	17.65	17.60	19.00
20	16QAM	1	0	17.68	17.62	17.63	19.00
20	16QAM	1	49	17.65	17.63	17.58	19.00
20	16QAM	1	99	17.61	17.71	17.67	19.00
20	16QAM	50	0	17.69	17.65	17.62	19.00
20	16QAM	50	24	17.64	17.71	17.62	19.00
20	16QAM	50	50	17.68	17.68	17.64	19.00
20	16QAM	100	0	17.61	17.70	17.66	19.00
20	64QAM	1	0	17.65	17.67	17.63	19.00
20	64QAM	1	49	17.67	17.62	17.64	19.00
20	64QAM	1	99	17.60	17.71	17.59	19.00
20	64QAM	50	0	17.64	17.62	17.67	19.00
20	64QAM	50	24	17.59	17.62	17.58	19.00
20	64QAM	50	50	17.68	17.64	17.62	19.00
20	64QAM	100	0	17.61	17.69	17.62	19.00
20	256QAM	1	0	17.64	17.67	17.59	19.00
20	256QAM	1	49	17.60	17.68	17.62	19.00
20	256QAM	1	99	17.70	17.69	17.58	19.00
20	256QAM	50	0	17.60	17.67	17.64	19.00
20	256QAM	50	24	17.61	17.63	17.61	19.00
20	256QAM	50	50	17.62	17.60	17.63	19.00
20	256QAM	100	0	17.63	17.65	17.57	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.75	17.76	17.73	19.00
15	QPSK	1	37	17.55	17.55	17.50	19.00
15	QPSK	1	74	17.58	17.54	17.45	19.00
15	QPSK	36	0	17.70	17.68	17.59	19.00
15	QPSK	36	20	17.64	17.55	17.46	19.00
15	QPSK	36	39	17.59	17.59	17.49	19.00
15	QPSK	75	0	17.53	17.58	17.48	19.00
15	16QAM	1	0	17.60	17.57	17.62	19.00
15	16QAM	1	37	17.50	17.51	17.50	19.00
15	16QAM	1	74	17.58	17.66	17.64	19.00
15	16QAM	36	0	17.62	17.64	17.57	19.00
15	16QAM	36	20	17.57	17.62	17.53	19.00
15	16QAM	36	39	17.56	17.54	17.58	19.00
15	16QAM	75	0	17.48	17.57	17.60	19.00
15	64QAM	1	0	17.55	17.55	17.51	19.00
15	64QAM	1	37	17.56	17.53	17.50	19.00
15	64QAM	1	74	17.45	17.61	17.56	19.00
15	64QAM	36	0	17.52	17.61	17.59	19.00
15	64QAM	36	20	17.55	17.54	17.55	19.00
15	64QAM	36	39	17.59	17.58	17.51	19.00
15	64QAM	75	0	17.50	17.56	17.50	19.00
15	256QAM	1	0	17.56	17.61	17.54	19.00
15	256QAM	1	37	17.52	17.56	17.49	19.00
15	256QAM	1	74	17.64	17.61	17.49	19.00
15	256QAM	36	0	17.52	17.56	17.50	19.00
15	256QAM	36	20	17.54	17.57	17.55	19.00
15	256QAM	36	39	17.51	17.58	17.61	19.00
15	256QAM	75	0	17.51	17.56	17.51	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.72	17.67	17.71	19.00
10	QPSK	1	25	17.46	17.64	17.58	19.00
10	QPSK	1	49	17.59	17.59	17.51	19.00
10	QPSK	25	0	17.59	17.61	17.62	19.00
10	QPSK	25	12	17.53	17.66	17.57	19.00
10	QPSK	25	25	17.57	17.63	17.52	19.00
10	QPSK	50	0	17.62	17.56	17.52	19.00
10	16QAM	1	0	17.62	17.57	17.58	19.00
10	16QAM	1	25	17.60	17.53	17.46	19.00

10	16QAM	1	49	17.60	17.68	17.58	19.00
10	16QAM	25	0	17.66	17.51	17.60	19.00
10	16QAM	25	12	17.50	17.58	17.49	19.00
10	16QAM	25	25	17.54	17.53	17.57	19.00
10	16QAM	50	0	17.57	17.63	17.57	19.00
10	64QAM	1	0	17.62	17.53	17.54	19.00
10	64QAM	1	25	17.65	17.57	17.54	19.00
10	64QAM	1	49	17.48	17.58	17.57	19.00
10	64QAM	25	0	17.59	17.54	17.64	19.00
10	64QAM	25	12	17.49	17.50	17.54	19.00
10	64QAM	25	25	17.60	17.53	17.50	19.00
10	64QAM	50	0	17.58	17.64	17.54	19.00
10	256QAM	1	0	17.49	17.57	17.56	19.00
10	256QAM	1	25	17.46	17.55	17.53	19.00
10	256QAM	1	49	17.62	17.68	17.56	19.00
10	256QAM	25	0	17.50	17.57	17.53	19.00
10	256QAM	25	12	17.53	17.50	17.49	19.00
10	256QAM	25	25	17.55	17.48	17.55	19.00
10	256QAM	50	0	17.50	17.52	17.43	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.65	17.77	17.74	19.00
5	QPSK	1	12	17.55	17.55	17.51	19.00
5	QPSK	1	24	17.59	17.64	17.51	19.00
5	QPSK	12	0	17.66	17.68	17.64	19.00
5	QPSK	12	7	17.64	17.60	17.48	19.00
5	QPSK	12	13	17.48	17.65	17.45	19.00
5	QPSK	25	0	17.55	17.56	17.50	19.00
5	16QAM	1	0	17.67	17.54	17.51	19.00
5	16QAM	1	12	17.50	17.48	17.51	19.00
5	16QAM	1	24	17.53	17.58	17.54	19.00
5	16QAM	12	0	17.63	17.52	17.60	19.00
5	16QAM	12	7	17.54	17.64	17.48	19.00
5	16QAM	12	13	17.66	17.67	17.62	19.00
5	16QAM	25	0	17.57	17.67	17.58	19.00
5	64QAM	1	0	17.61	17.58	17.61	19.00
5	64QAM	1	12	17.65	17.54	17.54	19.00
5	64QAM	1	24	17.58	17.64	17.52	19.00
5	64QAM	12	0	17.50	17.47	17.66	19.00
5	64QAM	12	7	17.47	17.52	17.44	19.00
5	64QAM	12	13	17.57	17.59	17.60	19.00
5	64QAM	25	0	17.56	17.62	17.53	19.00
5	256QAM	1	0	17.52	17.64	17.48	19.00
5	256QAM	1	12	17.54	17.54	17.56	19.00
5	256QAM	1	24	17.64	17.61	17.55	19.00
5	256QAM	12	0	17.57	17.65	17.58	19.00
5	256QAM	12	7	17.49	17.52	17.47	19.00
5	256QAM	12	13	17.57	17.57	17.57	19.00
5	256QAM	25	0	17.56	17.63	17.44	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.73	17.68	17.69	19.00
3	QPSK	1	8	17.47	17.59	17.59	19.00
3	QPSK	1	14	17.64	17.55	17.49	19.00
3	QPSK	8	0	17.65	17.63	17.65	19.00
3	QPSK	8	4	17.54	17.67	17.46	19.00
3	QPSK	8	7	17.53	17.68	17.53	19.00
3	QPSK	15	0	17.53	17.58	17.49	19.00
3	16QAM	1	0	17.55	17.56	17.50	19.00
3	16QAM	1	8	17.64	17.59	17.50	19.00
3	16QAM	1	14	17.57	17.57	17.55	19.00
3	16QAM	8	0	17.68	17.56	17.53	19.00
3	16QAM	8	4	17.54	17.63	17.51	19.00
3	16QAM	8	7	17.65	17.63	17.55	19.00
3	16QAM	15	0	17.49	17.57	17.54	19.00
3	64QAM	1	0	17.58	17.62	17.52	19.00
3	64QAM	1	8	17.54	17.55	17.51	19.00
3	64QAM	1	14	17.50	17.64	17.50	19.00
3	64QAM	8	0	17.58	17.61	17.61	19.00
3	64QAM	8	4	17.58	17.60	17.56	19.00
3	64QAM	8	7	17.55	17.53	17.53	19.00
3	64QAM	15	0	17.54	17.58	17.48	19.00
3	256QAM	1	0	17.60	17.59	17.55	19.00
3	256QAM	1	8	17.56	17.61	17.59	19.00
3	256QAM	1	14	17.58	17.62	17.45	19.00
3	256QAM	8	0	17.55	17.61	17.55	19.00
3	256QAM	8	4	17.46	17.60	17.57	19.00
3	256QAM	8	7	17.49	17.57	17.49	19.00

3	256QAM	15	0	17.55	17.54	17.47	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.65	17.72	17.71	19.00
1.4	QPSK	1	3	17.47	17.57	17.53	19.00
1.4	QPSK	1	5	17.64	17.52	17.45	19.00
1.4	QPSK	3	0	17.59	17.68	17.65	19.00
1.4	QPSK	3	1	17.58	17.59	17.55	19.00
1.4	QPSK	3	3	17.57	17.69	17.52	19.00
1.4	QPSK	6	0	17.58	17.61	17.45	19.00
1.4	16QAM	1	0	17.64	17.54	17.59	19.00
1.4	16QAM	1	3	17.55	17.49	17.52	19.00
1.4	16QAM	1	5	17.53	17.57	17.58	19.00
1.4	16QAM	3	0	17.56	17.51	17.49	19.00
1.4	16QAM	3	1	17.61	17.68	17.58	19.00
1.4	16QAM	3	3	17.54	17.67	17.58	19.00
1.4	16QAM	6	0	17.51	17.64	17.63	19.00
1.4	64QAM	1	0	17.54	17.65	17.61	19.00
1.4	64QAM	1	3	17.52	17.61	17.57	19.00
1.4	64QAM	1	5	17.55	17.67	17.56	19.00
1.4	64QAM	3	0	17.51	17.48	17.65	19.00
1.4	64QAM	3	1	17.49	17.52	17.53	19.00
1.4	64QAM	3	3	17.58	17.59	17.58	19.00
1.4	64QAM	6	0	17.52	17.65	17.54	19.00
1.4	256QAM	1	0	17.59	17.57	17.57	19.00
1.4	256QAM	1	3	17.50	17.66	17.50	19.00
1.4	256QAM	1	5	17.55	17.67	17.52	19.00
1.4	256QAM	3	0	17.49	17.56	17.49	19.00
1.4	256QAM	3	1	17.55	17.58	17.47	19.00
1.4	256QAM	3	3	17.50	17.47	17.49	19.00
1.4	256QAM	6	0	17.52	17.62	17.47	19.00

【LTE Band 4_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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.96	24.03	24.02	25.70
20	QPSK	1	49	23.81	23.93	23.87	25.70
20	QPSK	1	99	23.93	23.86	23.85	25.70
20	QPSK	50	0	23.02	23.08	23.07	24.70
20	QPSK	50	24	22.96	23.06	22.90	24.70
20	QPSK	50	50	23.01	23.06	22.99	24.70
20	QPSK	100	0	22.96	23.05	22.97	24.70
20	16QAM	1	0	22.92	23.03	22.88	24.70
20	16QAM	1	49	23.01	23.01	23.02	24.70
20	16QAM	1	99	22.88	23.01	22.94	24.70
20	16QAM	50	0	22.01	21.99	22.04	23.70
20	16QAM	50	24	22.01	22.14	22.05	23.70
20	16QAM	50	50	21.92	21.94	21.94	23.70
20	16QAM	100	0	21.92	21.98	21.95	23.70
20	64QAM	1	0	22.01	21.94	21.95	23.70
20	64QAM	1	49	21.95	21.92	21.97	23.70
20	64QAM	1	99	22.02	22.06	21.96	23.70
20	64QAM	50	0	21.04	21.02	20.97	22.70
20	64QAM	50	24	20.91	20.98	21.02	22.70
20	64QAM	50	50	20.93	21.01	21.04	22.70
20	64QAM	100	0	20.93	21.07	20.95	22.70
20	256QAM	1	0	19.02	19.09	19.08	20.70
20	256QAM	1	49	19.02	18.99	18.90	20.70
20	256QAM	1	99	19.04	19.05	18.97	20.70
20	256QAM	50	0	19.04	19.01	18.99	20.70
20	256QAM	50	24	18.91	18.99	19.02	20.70
20	256QAM	50	50	18.93	18.91	19.03	20.70
20	256QAM	100	0	18.97	19.09	18.94	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.86	23.93	23.93	25.70
15	QPSK	1	37	23.72	23.90	23.76	25.70
15	QPSK	1	74	23.85	23.71	23.75	25.70
15	QPSK	36	0	22.94	23.01	22.95	24.70
15	QPSK	36	20	22.88	22.94	22.82	24.70

15	QPSK	36	39	22.99	22.99	22.85	24.70
15	QPSK	75	0	22.88	22.94	22.89	24.70
15	16QAM	1	0	22.88	23.02	22.81	24.70
15	16QAM	1	37	22.98	22.88	22.97	24.70
15	16QAM	1	74	22.76	23.00	22.83	24.70
15	16QAM	36	0	21.94	21.97	21.96	23.70
15	16QAM	36	20	21.87	22.11	21.97	23.70
15	16QAM	36	39	21.83	21.91	21.85	23.70
15	16QAM	75	0	21.85	21.88	21.91	23.70
15	64QAM	1	0	21.96	21.92	21.84	23.70
15	64QAM	1	37	21.80	21.82	21.89	23.70
15	64QAM	1	74	21.97	21.94	21.90	23.70
15	64QAM	36	0	20.97	20.93	20.92	22.70
15	64QAM	36	20	20.83	20.86	20.95	22.70
15	64QAM	36	39	20.78	20.93	20.96	22.70
15	64QAM	75	0	20.91	21.02	20.80	22.70
15	256QAM	1	0	18.91	18.98	18.94	20.70
15	256QAM	1	37	18.95	18.96	18.80	20.70
15	256QAM	1	74	19.00	19.04	18.89	20.70
15	256QAM	36	0	18.98	18.93	18.97	20.70
15	256QAM	36	20	18.84	18.94	18.92	20.70
15	256QAM	36	39	18.86	18.83	18.97	20.70
15	256QAM	75	0	18.89	18.94	18.81	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.93	23.92	23.96	25.70
10	QPSK	1	25	23.76	23.85	23.83	25.70
10	QPSK	1	49	23.80	23.76	23.72	25.70
10	QPSK	25	0	22.93	23.01	22.95	24.70
10	QPSK	25	12	22.95	22.94	22.86	24.70
10	QPSK	25	25	22.94	22.95	22.93	24.70
10	QPSK	50	0	22.88	23.02	22.89	24.70
10	16QAM	1	0	22.87	22.98	22.83	24.70
10	16QAM	1	25	22.93	22.91	22.93	24.70
10	16QAM	1	49	22.81	22.99	22.84	24.70
10	16QAM	25	0	21.89	21.85	21.99	23.70
10	16QAM	25	12	21.99	22.05	22.00	23.70
10	16QAM	25	25	21.87	21.87	21.92	23.70
10	16QAM	50	0	21.88	21.92	21.93	23.70
10	64QAM	1	0	21.89	21.89	21.93	23.70
10	64QAM	1	25	21.87	21.90	21.84	23.70
10	64QAM	1	49	21.93	21.95	21.89	23.70
10	64QAM	25	0	20.93	20.98	20.95	22.70
10	64QAM	25	12	20.84	20.93	20.96	22.70
10	64QAM	25	25	20.80	20.86	21.01	22.70
10	64QAM	50	0	20.84	20.97	20.85	22.70
10	256QAM	1	0	18.94	18.97	19.06	20.70
10	256QAM	1	25	18.88	18.86	18.81	20.70
10	256QAM	1	49	18.90	19.01	18.90	20.70
10	256QAM	25	0	18.94	18.98	18.86	20.70
10	256QAM	25	12	18.90	18.98	18.93	20.70
10	256QAM	25	25	18.83	18.86	18.96	20.70
10	256QAM	50	0	18.85	18.97	18.86	20.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.90	23.98	23.87	25.70
5	QPSK	1	12	23.80	23.85	23.83	25.70
5	QPSK	1	24	23.86	23.74	23.82	25.70
5	QPSK	12	0	23.00	23.06	23.05	24.70
5	QPSK	12	7	22.92	22.97	22.75	24.70
5	QPSK	12	13	22.99	22.99	22.91	24.70
5	QPSK	25	0	22.87	22.96	22.89	24.70
5	16QAM	1	0	22.91	22.98	22.82	24.70
5	16QAM	1	12	22.87	22.93	22.90	24.70
5	16QAM	1	24	22.74	22.88	22.89	24.70
5	16QAM	12	0	21.98	21.88	21.95	23.70
5	16QAM	12	7	21.90	22.12	21.99	23.70
5	16QAM	12	13	21.81	21.85	21.85	23.70
5	16QAM	25	0	21.84	21.88	21.84	23.70
5	64QAM	1	0	21.93	21.91	21.84	23.70
5	64QAM	1	12	21.81	21.83	21.95	23.70
5	64QAM	1	24	21.92	22.02	21.93	23.70
5	64QAM	12	0	20.94	20.87	20.88	22.70
5	64QAM	12	7	20.88	20.89	20.88	22.70
5	64QAM	12	13	20.92	20.91	20.97	22.70
5	64QAM	25	0	20.88	21.04	20.84	22.70
5	256QAM	1	0	18.98	18.97	18.98	20.70
5	256QAM	1	12	19.00	18.97	18.86	20.70

5	256QAM	1	24	18.94	18.97	18.94	20.70
5	256QAM	12	0	18.91	18.88	18.84	20.70
5	256QAM	12	7	18.82	18.92	18.94	20.70
5	256QAM	12	13	18.83	18.83	19.00	20.70
5	256QAM	25	0	18.88	19.06	18.87	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.82	23.93	23.89	25.70
3	QPSK	1	8	23.79	23.86	23.77	25.70
3	QPSK	1	14	23.90	23.73	23.78	25.70
3	QPSK	8	0	22.97	23.06	22.92	24.70
3	QPSK	8	4	22.82	22.94	22.78	24.70
3	QPSK	8	7	22.93	22.93	22.85	24.70
3	QPSK	15	0	22.84	22.97	22.94	24.70
3	16QAM	1	0	22.90	22.93	22.78	24.70
3	16QAM	1	8	22.98	22.96	22.94	24.70
3	16QAM	1	14	22.86	22.90	22.84	24.70
3	16QAM	8	0	21.90	21.88	21.89	23.70
3	16QAM	8	4	21.95	22.09	21.93	23.70
3	16QAM	8	7	21.82	21.91	21.87	23.70
3	16QAM	15	0	21.79	21.95	21.80	23.70
3	64QAM	1	0	21.91	21.81	21.86	23.70
3	64QAM	1	8	21.85	21.78	21.90	23.70
3	64QAM	1	14	21.96	21.97	21.82	23.70
3	64QAM	8	0	20.94	20.94	20.93	22.70
3	64QAM	8	4	20.83	20.85	20.94	22.70
3	64QAM	8	7	20.83	20.86	20.95	22.70
3	64QAM	15	0	20.87	20.95	20.93	22.70
3	256QAM	1	0	19.01	19.00	18.97	20.70
3	256QAM	1	8	18.97	18.95	18.86	20.70
3	256QAM	1	14	19.03	18.96	18.84	20.70
3	256QAM	8	0	19.02	18.92	18.86	20.70
3	256QAM	8	4	18.76	18.86	18.99	20.70
3	256QAM	8	7	18.87	18.81	19.02	20.70
3	256QAM	15	0	18.90	19.03	18.88	20.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.94	24.02	23.94	25.70
1.4	QPSK	1	3	23.79	23.86	23.79	25.70
1.4	QPSK	1	5	23.85	23.74	23.70	25.70
1.4	QPSK	3	0	23.93	23.95	24.03	25.70
1.4	QPSK	3	1	23.89	23.95	23.82	25.70
1.4	QPSK	3	3	23.96	24.04	23.98	25.70
1.4	QPSK	6	0	22.84	22.95	22.95	24.70
1.4	16QAM	1	0	22.85	22.98	22.83	24.70
1.4	16QAM	1	3	22.92	22.90	23.01	24.70
1.4	16QAM	1	5	22.77	22.91	22.86	24.70
1.4	16QAM	3	0	22.93	22.97	22.94	24.70
1.4	16QAM	3	1	22.98	23.09	22.91	24.70
1.4	16QAM	3	3	22.90	22.93	22.88	24.70
1.4	16QAM	6	0	21.89	21.90	21.85	23.70
1.4	64QAM	1	0	21.90	21.87	21.82	23.70
1.4	64QAM	1	3	21.85	21.78	21.89	23.70
1.4	64QAM	1	5	21.93	21.94	21.82	23.70
1.4	64QAM	3	0	21.96	21.96	21.88	23.70
1.4	64QAM	3	1	21.79	21.87	21.89	23.70
1.4	64QAM	3	3	21.89	21.93	21.99	23.70
1.4	64QAM	6	0	20.88	20.93	20.82	22.70
1.4	256QAM	1	0	18.88	19.02	19.06	20.70
1.4	256QAM	1	3	18.96	18.85	18.80	20.70
1.4	256QAM	1	5	19.02	18.96	18.87	20.70
1.4	256QAM	3	0	19.02	18.90	18.98	20.70
1.4	256QAM	3	1	18.81	18.96	18.94	20.70
1.4	256QAM	3	3	18.85	18.86	18.91	20.70
1.4	256QAM	6	0	18.94	18.96	18.84	20.70

【LTE Band 4_Ant 3_ECI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.61	18.77	18.67	20.20
20	QPSK	1	49	18.44	18.63	18.50	20.20
20	QPSK	1	99	18.49	18.61	18.54	20.20
20	QPSK	50	0	18.65	18.68	18.63	20.20
20	QPSK	50	24	18.45	18.57	18.48	20.20
20	QPSK	50	50	18.42	18.64	18.54	20.20
20	QPSK	100	0	18.48	18.61	18.49	20.20
20	16QAM	1	0	18.41	18.62	18.54	20.20
20	16QAM	1	49	18.48	18.66	18.59	20.20
20	16QAM	1	99	18.44	18.65	18.51	20.20
20	16QAM	50	0	18.47	18.64	18.49	20.20
20	16QAM	50	24	18.50	18.63	18.55	20.20
20	16QAM	50	50	18.46	18.66	18.59	20.20
20	16QAM	100	0	18.43	18.68	18.49	20.20
20	64QAM	1	0	18.41	18.61	18.55	20.20
20	64QAM	1	49	18.43	18.65	18.52	20.20
20	64QAM	1	99	18.48	18.60	18.56	20.20
20	64QAM	50	0	18.47	18.57	18.58	20.20
20	64QAM	50	24	18.43	18.67	18.54	20.20
20	64QAM	50	50	18.49	18.58	18.57	20.20
20	64QAM	100	0	18.42	18.62	18.50	20.20
20	256QAM	1	0	18.46	18.60	18.55	20.20
20	256QAM	1	49	18.41	18.63	18.50	20.20
20	256QAM	1	99	18.44	18.60	18.54	20.20
20	256QAM	50	0	18.48	18.61	18.58	20.20
20	256QAM	50	24	18.50	18.66	18.47	20.20
20	256QAM	50	50	18.49	18.59	18.55	20.20
20	256QAM	100	0	18.50	18.68	18.52	20.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.48	18.70	18.54	20.20
15	QPSK	1	37	18.32	18.57	18.47	20.20
15	QPSK	1	74	18.35	18.48	18.45	20.20
15	QPSK	36	0	18.60	18.65	18.57	20.20
15	QPSK	36	20	18.37	18.54	18.46	20.20
15	QPSK	36	39	18.31	18.61	18.45	20.20
15	QPSK	75	0	18.35	18.52	18.41	20.20
15	16QAM	1	0	18.36	18.47	18.50	20.20
15	16QAM	1	37	18.39	18.57	18.54	20.20
15	16QAM	1	74	18.34	18.54	18.45	20.20
15	16QAM	36	0	18.43	18.54	18.38	20.20
15	16QAM	36	20	18.46	18.55	18.54	20.20
15	16QAM	36	39	18.40	18.61	18.52	20.20
15	16QAM	75	0	18.32	18.55	18.42	20.20
15	64QAM	1	0	18.30	18.52	18.45	20.20
15	64QAM	1	37	18.32	18.55	18.43	20.20
15	64QAM	1	74	18.34	18.50	18.47	20.20
15	64QAM	36	0	18.42	18.46	18.43	20.20
15	64QAM	36	20	18.32	18.56	18.42	20.20
15	64QAM	36	39	18.44	18.53	18.47	20.20
15	64QAM	75	0	18.36	18.61	18.38	20.20
15	256QAM	1	0	18.39	18.58	18.48	20.20
15	256QAM	1	37	18.36	18.55	18.37	20.20
15	256QAM	1	74	18.41	18.50	18.51	20.20
15	256QAM	36	0	18.45	18.46	18.48	20.20
15	256QAM	36	20	18.38	18.63	18.33	20.20
15	256QAM	36	39	18.41	18.46	18.53	20.20
15	256QAM	75	0	18.41	18.55	18.50	20.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.54	18.68	18.57	20.20
10	QPSK	1	25	18.35	18.54	18.45	20.20
10	QPSK	1	49	18.42	18.49	18.46	20.20
10	QPSK	25	0	18.50	18.53	18.48	20.20
10	QPSK	25	12	18.43	18.52	18.34	20.20
10	QPSK	25	25	18.40	18.51	18.51	20.20
10	QPSK	50	0	18.34	18.52	18.45	20.20
10	16QAM	1	0	18.35	18.55	18.47	20.20
10	16QAM	1	25	18.35	18.63	18.46	20.20

10	16QAM	1	49	18.30	18.52	18.46	20.20
10	16QAM	25	0	18.34	18.52	18.41	20.20
10	16QAM	25	12	18.48	18.59	18.46	20.20
10	16QAM	25	25	18.44	18.62	18.54	20.20
10	16QAM	50	0	18.29	18.61	18.35	20.20
10	64QAM	1	0	18.36	18.52	18.44	20.20
10	64QAM	1	25	18.32	18.64	18.40	20.20
10	64QAM	1	49	18.46	18.53	18.49	20.20
10	64QAM	25	0	18.34	18.49	18.46	20.20
10	64QAM	25	12	18.39	18.63	18.39	20.20
10	64QAM	25	25	18.44	18.56	18.55	20.20
10	64QAM	50	0	18.31	18.49	18.42	20.20
10	256QAM	1	0	18.37	18.58	18.45	20.20
10	256QAM	1	25	18.37	18.57	18.40	20.20
10	256QAM	1	49	18.40	18.55	18.48	20.20
10	256QAM	25	0	18.42	18.60	18.45	20.20
10	256QAM	25	12	18.47	18.63	18.37	20.20
10	256QAM	25	25	18.35	18.49	18.43	20.20
10	256QAM	50	0	18.35	18.56	18.39	20.20
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.48	18.76	18.58	20.20
5	QPSK	1	12	18.30	18.49	18.49	20.20
5	QPSK	1	24	18.46	18.55	18.45	20.20
5	QPSK	12	0	18.58	18.59	18.57	20.20
5	QPSK	12	7	18.32	18.53	18.41	20.20
5	QPSK	12	13	18.32	18.54	18.48	20.20
5	QPSK	25	0	18.43	18.54	18.47	20.20
5	16QAM	1	0	18.26	18.60	18.44	20.20
5	16QAM	1	12	18.43	18.51	18.47	20.20
5	16QAM	1	24	18.40	18.63	18.42	20.20
5	16QAM	12	0	18.42	18.53	18.40	20.20
5	16QAM	12	7	18.48	18.56	18.43	20.20
5	16QAM	12	13	18.37	18.56	18.52	20.20
5	16QAM	25	0	18.31	18.63	18.41	20.20
5	64QAM	1	0	18.27	18.56	18.44	20.20
5	64QAM	1	12	18.34	18.60	18.46	20.20
5	64QAM	1	24	18.45	18.48	18.44	20.20
5	64QAM	12	0	18.43	18.51	18.48	20.20
5	64QAM	12	7	18.30	18.58	18.51	20.20
5	64QAM	12	13	18.39	18.52	18.50	20.20
5	64QAM	25	0	18.38	18.50	18.42	20.20
5	256QAM	1	0	18.33	18.48	18.45	20.20
5	256QAM	1	12	18.28	18.57	18.48	20.20
5	256QAM	1	24	18.34	18.48	18.45	20.20
5	256QAM	12	0	18.40	18.48	18.50	20.20
5	256QAM	12	7	18.44	18.64	18.37	20.20
5	256QAM	12	13	18.35	18.52	18.40	20.20
5	256QAM	25	0	18.43	18.59	18.48	20.20
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.58	18.63	18.60	20.20
3	QPSK	1	8	18.39	18.58	18.45	20.20
3	QPSK	1	14	18.43	18.49	18.50	20.20
3	QPSK	8	0	18.63	18.56	18.58	20.20
3	QPSK	8	4	18.37	18.49	18.39	20.20
3	QPSK	8	7	18.37	18.62	18.46	20.20
3	QPSK	15	0	18.45	18.58	18.43	20.20
3	16QAM	1	0	18.29	18.56	18.45	20.20
3	16QAM	1	8	18.41	18.64	18.54	20.20
3	16QAM	1	14	18.35	18.63	18.44	20.20
3	16QAM	8	0	18.38	18.55	18.40	20.20
3	16QAM	8	4	18.35	18.50	18.48	20.20
3	16QAM	8	7	18.44	18.54	18.54	20.20
3	16QAM	15	0	18.34	18.66	18.46	20.20
3	64QAM	1	0	18.37	18.50	18.46	20.20
3	64QAM	1	8	18.38	18.57	18.40	20.20
3	64QAM	1	14	18.38	18.53	18.54	20.20
3	64QAM	8	0	18.40	18.43	18.48	20.20
3	64QAM	8	4	18.38	18.55	18.43	20.20
3	64QAM	8	7	18.44	18.49	18.42	20.20
3	64QAM	15	0	18.34	18.55	18.38	20.20
3	256QAM	1	0	18.35	18.57	18.49	20.20
3	256QAM	1	8	18.32	18.60	18.40	20.20
3	256QAM	1	14	18.39	18.55	18.42	20.20
3	256QAM	8	0	18.36	18.57	18.53	20.20
3	256QAM	8	4	18.48	18.63	18.45	20.20
3	256QAM	8	7	18.37	18.53	18.46	20.20

3	256QAM	15	0	18.49	18.61	18.39	20.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.54	18.72	18.62	20.20
1.4	QPSK	1	3	18.37	18.59	18.45	20.20
1.4	QPSK	1	5	18.41	18.51	18.40	20.20
1.4	QPSK	3	0	18.59	18.64	18.57	20.20
1.4	QPSK	3	1	18.34	18.53	18.34	20.20
1.4	QPSK	3	3	18.31	18.56	18.43	20.20
1.4	QPSK	6	0	18.40	18.53	18.42	20.20
1.4	16QAM	1	0	18.35	18.57	18.44	20.20
1.4	16QAM	1	3	18.46	18.63	18.55	20.20
1.4	16QAM	1	5	18.39	18.64	18.36	20.20
1.4	16QAM	3	0	18.45	18.62	18.35	20.20
1.4	16QAM	3	1	18.37	18.53	18.42	20.20
1.4	16QAM	3	3	18.38	18.58	18.56	20.20
1.4	16QAM	6	0	18.30	18.60	18.38	20.20
1.4	64QAM	1	0	18.34	18.59	18.47	20.20
1.4	64QAM	1	3	18.40	18.58	18.41	20.20
1.4	64QAM	1	5	18.44	18.45	18.52	20.20
1.4	64QAM	3	0	18.38	18.50	18.48	20.20
1.4	64QAM	3	1	18.30	18.62	18.47	20.20
1.4	64QAM	3	3	18.36	18.44	18.45	20.20
1.4	64QAM	6	0	18.41	18.60	18.42	20.20
1.4	256QAM	1	0	18.43	18.53	18.46	20.20
1.4	256QAM	1	3	18.32	18.61	18.36	20.20
1.4	256QAM	1	5	18.31	18.50	18.52	20.20
1.4	256QAM	3	0	18.45	18.53	18.56	20.20
1.4	256QAM	3	1	18.45	18.55	18.38	20.20
1.4	256QAM	3	3	18.43	18.46	18.44	20.20
1.4	256QAM	6	0	18.45	18.59	18.40	20.20

【LTE Band 4_Ant 3_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.10	18.29	18.16	19.70
20	QPSK	1	49	17.96	18.18	18.05	19.70
20	QPSK	1	99	17.96	18.20	18.02	19.70
20	QPSK	50	0	18.21	18.25	18.19	19.70
20	QPSK	50	24	17.95	18.14	17.96	19.70
20	QPSK	50	50	17.92	18.10	18.03	19.70
20	QPSK	100	0	18.00	18.19	18.04	19.70
20	16QAM	1	0	17.91	18.18	18.05	19.70
20	16QAM	1	49	17.97	18.17	18.07	19.70
20	16QAM	1	99	17.96	18.10	18.01	19.70
20	16QAM	50	0	17.93	18.18	17.98	19.70
20	16QAM	50	24	17.97	18.10	18.05	19.70
20	16QAM	50	50	17.93	18.21	18.08	19.70
20	16QAM	100	0	17.93	18.21	18.05	19.70
20	64QAM	1	0	18.01	18.17	18.04	19.70
20	64QAM	1	49	18.00	18.11	17.99	19.70
20	64QAM	1	99	17.97	18.15	18.06	19.70
20	64QAM	50	0	17.95	18.12	18.00	19.70
20	64QAM	50	24	17.96	18.20	18.02	19.70
20	64QAM	50	50	17.96	18.17	18.05	19.70
20	64QAM	100	0	17.99	18.17	17.98	19.70
20	256QAM	1	0	17.97	18.13	18.05	19.70
20	256QAM	1	49	17.92	18.11	18.00	19.70
20	256QAM	1	99	17.95	18.15	18.08	19.70
20	256QAM	50	0	17.97	18.12	18.07	19.70
20	256QAM	50	24	17.92	18.09	18.06	19.70
20	256QAM	50	50	17.93	18.11	17.96	19.70
20	256QAM	100	0	18.00	18.18	17.99	19.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.98	18.20	18.03	19.70
15	QPSK	1	37	17.93	18.04	17.96	19.70
15	QPSK	1	74	17.82	18.07	17.88	19.70
15	QPSK	36	0	18.08	18.14	18.17	19.70
15	QPSK	36	20	17.90	18.02	17.93	19.70

15	QPSK	36	39	17.81	18.02	18.02	19.70
15	QPSK	75	0	17.89	18.13	18.01	19.70
15	16QAM	1	0	17.86	18.12	17.98	19.70
15	16QAM	1	37	17.87	18.12	17.96	19.70
15	16QAM	1	74	17.91	17.98	17.99	19.70
15	16QAM	36	0	17.90	18.13	17.83	19.70
15	16QAM	36	20	17.94	17.97	17.95	19.70
15	16QAM	36	39	17.81	18.16	18.04	19.70
15	16QAM	75	0	17.85	18.07	17.96	19.70
15	64QAM	1	0	17.89	18.09	18.02	19.70
15	64QAM	1	37	17.96	18.00	17.97	19.70
15	64QAM	1	74	17.88	18.10	17.99	19.70
15	64QAM	36	0	17.91	18.06	17.98	19.70
15	64QAM	36	20	17.93	18.18	17.96	19.70
15	64QAM	36	39	17.93	18.04	18.02	19.70
15	64QAM	75	0	17.87	18.09	17.87	19.70
15	256QAM	1	0	17.87	18.11	17.93	19.70
15	256QAM	1	37	17.88	18.03	17.86	19.70
15	256QAM	1	74	17.91	18.11	17.94	19.70
15	256QAM	36	0	17.93	18.03	17.99	19.70
15	256QAM	36	20	17.91	18.04	18.00	19.70
15	256QAM	36	39	17.86	18.02	17.87	19.70
15	256QAM	75	0	17.86	18.05	17.88	19.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.03	18.15	18.13	19.70
10	QPSK	1	25	17.89	18.05	17.92	19.70
10	QPSK	1	49	17.84	18.08	17.89	19.70
10	QPSK	25	0	18.16	18.20	18.05	19.70
10	QPSK	25	12	17.82	18.10	17.91	19.70
10	QPSK	25	25	17.89	18.01	18.01	19.70
10	QPSK	50	0	17.91	18.13	17.96	19.70
10	16QAM	1	0	17.85	18.07	18.02	19.70
10	16QAM	1	25	17.91	18.11	18.00	19.70
10	16QAM	1	49	17.90	18.04	17.91	19.70
10	16QAM	25	0	17.87	18.06	17.91	19.70
10	16QAM	25	12	17.91	17.97	17.93	19.70
10	16QAM	25	25	17.89	18.17	17.97	19.70
10	16QAM	50	0	17.83	18.13	17.90	19.70
10	64QAM	1	0	17.88	18.16	17.91	19.70
10	64QAM	1	25	17.88	18.06	17.88	19.70
10	64QAM	1	49	17.90	18.12	17.98	19.70
10	64QAM	25	0	17.85	18.08	17.91	19.70
10	64QAM	25	12	17.88	18.13	17.92	19.70
10	64QAM	25	25	17.91	18.06	18.03	19.70
10	64QAM	50	0	17.95	18.13	17.94	19.70
10	256QAM	1	0	17.96	18.09	17.93	19.70
10	256QAM	1	25	17.83	18.05	17.86	19.70
10	256QAM	1	49	17.90	18.04	18.02	19.70
10	256QAM	25	0	17.83	17.98	18.02	19.70
10	256QAM	25	12	17.86	18.03	17.94	19.70
10	256QAM	25	25	17.82	18.10	17.84	19.70
10	256QAM	50	0	17.88	18.08	17.89	19.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.97	18.18	18.03	19.70
5	QPSK	1	12	17.90	18.08	17.95	19.70
5	QPSK	1	24	17.87	18.18	17.94	19.70
5	QPSK	12	0	18.07	18.11	18.12	19.70
5	QPSK	12	7	17.87	18.07	17.90	19.70
5	QPSK	12	13	17.86	18.04	17.98	19.70
5	QPSK	25	0	17.94	18.15	17.96	19.70
5	16QAM	1	0	17.82	18.11	17.90	19.70
5	16QAM	1	12	17.93	18.09	17.99	19.70
5	16QAM	1	24	17.88	18.01	17.87	19.70
5	16QAM	12	0	17.88	18.03	17.89	19.70
5	16QAM	12	7	17.93	18.02	18.01	19.70
5	16QAM	12	13	17.89	18.17	17.97	19.70
5	16QAM	25	0	17.85	18.15	17.96	19.70
5	64QAM	1	0	17.91	18.11	17.96	19.70
5	64QAM	1	12	17.89	18.06	17.89	19.70
5	64QAM	1	24	17.96	18.08	18.02	19.70
5	64QAM	12	0	17.81	18.05	17.95	19.70
5	64QAM	12	7	17.87	18.18	17.91	19.70
5	64QAM	12	13	17.92	18.14	18.02	19.70
5	64QAM	25	0	17.86	18.03	17.96	19.70
5	256QAM	1	0	17.86	18.03	17.91	19.70
5	256QAM	1	12	17.83	18.00	17.97	19.70

5	256QAM	1	24	17.86	18.06	17.98	19.70
5	256QAM	12	0	17.83	17.98	18.06	19.70
5	256QAM	12	7	17.89	18.06	17.93	19.70
5	256QAM	12	13	17.81	18.08	17.88	19.70
5	256QAM	25	0	17.95	18.09	17.87	19.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.08	18.14	18.04	19.70
3	QPSK	1	8	17.92	18.17	17.91	19.70
3	QPSK	1	14	17.83	18.06	17.97	19.70
3	QPSK	8	0	18.07	18.23	18.11	19.70
3	QPSK	8	4	17.83	18.11	17.84	19.70
3	QPSK	8	7	17.79	18.04	17.94	19.70
3	QPSK	15	0	17.96	18.13	17.98	19.70
3	16QAM	1	0	17.88	18.11	17.95	19.70
3	16QAM	1	8	17.87	18.02	17.96	19.70
3	16QAM	1	14	17.92	18.00	17.88	19.70
3	16QAM	8	0	17.80	18.12	17.94	19.70
3	16QAM	8	4	17.91	18.02	18.02	19.70
3	16QAM	8	7	17.86	18.08	18.00	19.70
3	16QAM	15	0	17.80	18.11	18.04	19.70
3	64QAM	1	0	17.95	18.11	17.93	19.70
3	64QAM	1	8	17.92	17.98	17.87	19.70
3	64QAM	1	14	17.90	18.06	18.00	19.70
3	64QAM	8	0	17.86	18.10	17.95	19.70
3	64QAM	8	4	17.84	18.18	17.98	19.70
3	64QAM	8	7	17.83	18.07	17.99	19.70
3	64QAM	15	0	17.90	18.06	17.92	19.70
3	256QAM	1	0	17.83	18.02	17.99	19.70
3	256QAM	1	8	17.90	18.09	17.98	19.70
3	256QAM	1	14	17.87	18.07	17.97	19.70
3	256QAM	8	0	17.88	17.99	18.02	19.70
3	256QAM	8	4	17.80	17.98	17.98	19.70
3	256QAM	8	7	17.79	17.97	17.87	19.70
3	256QAM	15	0	17.93	18.06	17.94	19.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.00	18.23	18.02	19.70
1.4	QPSK	1	3	17.93	18.14	17.94	19.70
1.4	QPSK	1	5	17.95	18.06	17.97	19.70
1.4	QPSK	3	0	18.07	18.17	18.07	19.70
1.4	QPSK	3	1	17.83	18.13	17.84	19.70
1.4	QPSK	3	3	17.87	18.00	17.99	19.70
1.4	QPSK	6	0	17.87	18.07	17.97	19.70
1.4	16QAM	1	0	17.82	18.12	17.90	19.70
1.4	16QAM	1	3	17.96	18.03	18.01	19.70
1.4	16QAM	1	5	17.83	17.96	17.91	19.70
1.4	16QAM	3	0	17.81	18.10	17.94	19.70
1.4	16QAM	3	1	17.87	18.00	17.95	19.70
1.4	16QAM	3	3	17.90	18.14	18.00	19.70
1.4	16QAM	6	0	17.92	18.12	17.92	19.70
1.4	64QAM	1	0	17.99	18.14	18.01	19.70
1.4	64QAM	1	3	17.87	17.96	17.92	19.70
1.4	64QAM	1	5	17.93	18.12	17.92	19.70
1.4	64QAM	3	0	17.85	17.99	17.90	19.70
1.4	64QAM	3	1	17.87	18.09	17.89	19.70
1.4	64QAM	3	3	17.91	18.12	18.01	19.70
1.4	64QAM	6	0	17.94	18.11	17.96	19.70
1.4	256QAM	1	0	17.90	18.11	18.02	19.70
1.4	256QAM	1	3	17.86	18.07	17.96	19.70
1.4	256QAM	1	5	17.83	18.06	17.94	19.70
1.4	256QAM	3	0	17.89	17.99	17.93	19.70
1.4	256QAM	3	1	17.79	18.08	17.92	19.70
1.4	256QAM	3	3	17.89	18.05	17.94	19.70
1.4	256QAM	6	0	17.96	18.08	17.86	19.70

【LTE Band 4_Ant 3_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.22	22.31	22.28	24.00
20	QPSK	1	49	22.20	22.20	22.27	24.00
20	QPSK	1	99	22.17	22.20	22.27	24.00
20	QPSK	50	0	22.22	22.18	22.28	24.00
20	QPSK	50	24	22.21	22.23	22.23	24.00
20	QPSK	50	50	22.15	22.19	22.23	24.00
20	QPSK	100	0	22.17	22.30	22.19	24.00
20	16QAM	1	0	22.19	22.18	22.27	24.00
20	16QAM	1	49	22.11	22.26	22.23	24.00
20	16QAM	1	99	22.23	22.23	22.21	24.00
20	16QAM	50	0	22.13	22.29	22.28	24.00
20	16QAM	50	24	22.21	22.29	22.23	24.00
20	16QAM	50	50	22.19	22.30	22.26	24.00
20	16QAM	100	0	22.14	22.29	22.21	24.00
20	64QAM	1	0	22.11	22.28	22.19	24.00
20	64QAM	1	49	22.18	22.18	22.24	24.00
20	64QAM	1	99	22.16	22.20	22.18	24.00
20	64QAM	50	0	21.14	21.29	21.24	23.00
20	64QAM	50	24	21.20	21.26	21.28	23.00
20	64QAM	50	50	21.21	21.30	21.26	23.00
20	64QAM	100	0	21.18	21.22	21.25	23.00
20	256QAM	1	0	19.21	19.25	19.23	21.00
20	256QAM	1	49	19.20	19.25	19.21	21.00
20	256QAM	1	99	19.18	19.21	19.20	21.00
20	256QAM	50	0	19.17	19.20	19.23	21.00
20	256QAM	50	24	19.14	19.20	19.23	21.00
20	256QAM	50	50	19.13	19.27	19.29	21.00
20	256QAM	100	0	19.12	19.21	19.25	21.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.16	22.17	22.13	24.00
15	QPSK	1	37	22.16	22.16	22.17	24.00
15	QPSK	1	74	22.07	22.17	22.14	24.00
15	QPSK	36	0	22.18	22.15	22.17	24.00
15	QPSK	36	20	22.11	22.10	22.14	24.00
15	QPSK	36	39	22.08	22.05	22.20	24.00
15	QPSK	75	0	22.15	22.21	22.16	24.00
15	16QAM	1	0	22.07	22.13	22.20	24.00
15	16QAM	1	37	21.99	22.24	22.20	24.00
15	16QAM	1	74	22.12	22.21	22.19	24.00
15	16QAM	36	0	22.10	22.21	22.15	24.00
15	16QAM	36	20	22.13	22.18	22.08	24.00
15	16QAM	36	39	22.14	22.19	22.22	24.00
15	16QAM	75	0	22.10	22.14	22.10	24.00
15	64QAM	1	0	22.09	22.19	22.06	24.00
15	64QAM	1	37	22.10	22.16	22.22	24.00
15	64QAM	1	74	22.13	22.13	22.17	24.00
15	64QAM	36	0	21.01	21.26	21.14	23.00
15	64QAM	36	20	21.16	21.24	21.16	23.00
15	64QAM	36	39	21.19	21.28	21.16	23.00
15	64QAM	75	0	21.07	21.08	21.20	23.00
15	256QAM	1	0	19.16	19.17	19.16	21.00
15	256QAM	1	37	19.06	19.12	19.07	21.00
15	256QAM	1	74	19.16	19.18	19.11	21.00
15	256QAM	36	0	19.04	19.07	19.11	21.00
15	256QAM	36	20	19.04	19.15	19.10	21.00
15	256QAM	36	39	19.10	19.21	19.26	21.00
15	256QAM	75	0	19.00	19.15	19.24	21.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.13	22.21	22.17	24.00
10	QPSK	1	25	22.10	22.18	22.24	24.00
10	QPSK	1	49	22.08	22.12	22.20	24.00
10	QPSK	25	0	22.11	22.08	22.20	24.00
10	QPSK	25	12	22.18	22.11	22.18	24.00
10	QPSK	25	25	22.08	22.05	22.17	24.00
10	QPSK	50	0	22.04	22.16	22.08	24.00
10	16QAM	1	0	22.06	22.10	22.25	24.00
10	16QAM	1	25	22.06	22.20	22.22	24.00

10	16QAM	1	49	22.18	22.09	22.08	24.00
10	16QAM	25	0	22.07	22.27	22.20	24.00
10	16QAM	25	12	22.13	22.26	22.09	24.00
10	16QAM	25	25	22.08	22.26	22.15	24.00
10	16QAM	50	0	22.02	22.14	22.12	24.00
10	64QAM	1	0	21.99	22.17	22.07	24.00
10	64QAM	1	25	22.09	22.08	22.12	24.00
10	64QAM	1	49	22.11	22.09	22.16	24.00
10	64QAM	25	0	21.04	21.23	21.11	23.00
10	64QAM	25	12	21.12	21.14	21.14	23.00
10	64QAM	25	25	21.08	21.21	21.13	23.00
10	64QAM	50	0	21.04	21.14	21.10	23.00
10	256QAM	1	0	19.19	19.22	19.11	21.00
10	256QAM	1	25	19.10	19.15	19.12	21.00
10	256QAM	1	49	19.10	19.13	19.16	21.00
10	256QAM	25	0	19.13	19.06	19.09	21.00
10	256QAM	25	12	19.02	19.16	19.08	21.00
10	256QAM	25	25	19.11	19.16	19.24	21.00
10	256QAM	50	0	19.10	19.11	19.18	21.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.08	22.23	22.20	24.00
5	QPSK	1	12	22.10	22.12	22.17	24.00
5	QPSK	1	24	22.14	22.16	22.23	24.00
5	QPSK	12	0	22.16	22.06	22.22	24.00
5	QPSK	12	7	22.14	22.20	22.14	24.00
5	QPSK	12	13	22.12	22.17	22.22	24.00
5	QPSK	25	0	22.03	22.23	22.14	24.00
5	16QAM	1	0	22.11	22.14	22.22	24.00
5	16QAM	1	12	22.05	22.18	22.09	24.00
5	16QAM	1	24	22.16	22.19	22.19	24.00
5	16QAM	12	0	22.04	22.23	22.19	24.00
5	16QAM	12	7	22.09	22.17	22.10	24.00
5	16QAM	12	13	22.09	22.25	22.24	24.00
5	16QAM	25	0	22.11	22.17	22.13	24.00
5	64QAM	1	0	22.00	22.17	22.18	24.00
5	64QAM	1	12	22.05	22.10	22.12	24.00
5	64QAM	1	24	22.11	22.15	22.14	24.00
5	64QAM	12	0	21.01	21.25	21.20	23.00
5	64QAM	12	7	21.17	21.22	21.23	23.00
5	64QAM	12	13	21.13	21.23	21.24	23.00
5	64QAM	25	0	21.05	21.09	21.23	23.00
5	256QAM	1	0	19.08	19.20	19.18	21.00
5	256QAM	1	12	19.13	19.19	19.06	21.00
5	256QAM	1	24	19.04	19.07	19.07	21.00
5	256QAM	12	0	19.13	19.08	19.11	21.00
5	256QAM	12	7	19.00	19.15	19.12	21.00
5	256QAM	12	13	19.09	19.24	19.16	21.00
5	256QAM	25	0	19.02	19.07	19.19	21.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.21	22.20	22.25	24.00
3	QPSK	1	8	22.18	22.05	22.26	24.00
3	QPSK	1	14	22.10	22.13	22.20	24.00
3	QPSK	8	0	22.21	22.12	22.23	24.00
3	QPSK	8	4	22.18	22.11	22.17	24.00
3	QPSK	8	7	22.00	22.16	22.13	24.00
3	QPSK	15	0	22.14	22.23	22.14	24.00
3	16QAM	1	0	22.18	22.12	22.15	24.00
3	16QAM	1	8	22.06	22.11	22.19	24.00
3	16QAM	1	14	22.15	22.12	22.20	24.00
3	16QAM	8	0	22.12	22.19	22.27	24.00
3	16QAM	8	4	22.19	22.28	22.21	24.00
3	16QAM	8	7	22.15	22.20	22.16	24.00
3	16QAM	15	0	22.11	22.19	22.16	24.00
3	64QAM	1	0	22.02	22.26	22.10	24.00
3	64QAM	1	8	22.07	22.13	22.10	24.00
3	64QAM	1	14	22.08	22.05	22.05	24.00
3	64QAM	8	0	21.10	21.19	21.14	23.00
3	64QAM	8	4	21.16	21.19	21.22	23.00
3	64QAM	8	7	21.20	21.17	21.19	23.00
3	64QAM	15	0	21.06	21.08	21.20	23.00
3	256QAM	1	0	19.07	19.21	19.19	21.00
3	256QAM	1	8	19.10	19.23	19.18	21.00
3	256QAM	1	14	19.12	19.13	19.10	21.00
3	256QAM	8	0	19.16	19.05	19.20	21.00
3	256QAM	8	4	19.08	19.16	19.14	21.00
3	256QAM	8	7	18.99	19.14	19.23	21.00

3	256QAM	15	0	19.07	19.08	19.24	21.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.11	22.13	22.26	24.00
1.4	QPSK	1	3	22.13	22.10	22.25	24.00
1.4	QPSK	1	5	22.11	22.14	22.14	24.00
1.4	QPSK	3	0	22.14	22.17	22.24	24.00
1.4	QPSK	3	1	22.16	22.13	22.10	24.00
1.4	QPSK	3	3	22.01	22.09	22.12	24.00
1.4	QPSK	6	0	22.15	22.21	22.10	24.00
1.4	16QAM	1	0	22.09	22.09	22.14	24.00
1.4	16QAM	1	3	21.99	22.23	22.16	24.00
1.4	16QAM	1	5	22.09	22.10	22.12	24.00
1.4	16QAM	3	0	21.98	22.27	22.21	24.00
1.4	16QAM	3	1	22.14	22.24	22.14	24.00
1.4	16QAM	3	3	22.08	22.19	22.19	24.00
1.4	16QAM	6	0	22.01	22.19	22.19	24.00
1.4	64QAM	1	0	21.98	22.14	22.12	24.00
1.4	64QAM	1	3	22.14	22.16	22.20	24.00
1.4	64QAM	1	5	22.08	22.06	22.04	24.00
1.4	64QAM	3	0	22.12	22.18	22.14	24.00
1.4	64QAM	3	1	22.09	22.16	22.19	24.00
1.4	64QAM	3	3	22.17	22.27	22.19	24.00
1.4	64QAM	6	0	21.06	21.08	21.20	23.00
1.4	256QAM	1	0	19.08	19.17	19.16	21.00
1.4	256QAM	1	3	19.17	19.20	19.09	21.00
1.4	256QAM	1	5	19.16	19.11	19.12	21.00
1.4	256QAM	3	0	19.05	19.12	19.16	21.00
1.4	256QAM	3	1	19.08	19.11	19.14	21.00
1.4	256QAM	3	3	19.05	19.14	19.24	21.00
1.4	256QAM	6	0	18.97	19.12	19.16	21.00

【LTE Band 4_Ant 3_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.10	18.29	18.16	19.70
20	QPSK	1	49	17.96	18.18	18.05	19.70
20	QPSK	1	99	17.96	18.20	18.02	19.70
20	QPSK	50	0	18.21	18.25	18.19	19.70
20	QPSK	50	24	17.95	18.14	17.96	19.70
20	QPSK	50	50	17.92	18.10	18.03	19.70
20	QPSK	100	0	18.00	18.19	18.04	19.70
20	16QAM	1	0	17.91	18.18	18.05	19.70
20	16QAM	1	49	17.97	18.17	18.07	19.70
20	16QAM	1	99	17.96	18.10	18.01	19.70
20	16QAM	50	0	17.93	18.18	17.98	19.70
20	16QAM	50	24	17.97	18.10	18.05	19.70
20	16QAM	50	50	17.93	18.21	18.08	19.70
20	16QAM	100	0	17.93	18.21	18.05	19.70
20	64QAM	1	0	18.01	18.17	18.04	19.70
20	64QAM	1	49	18.00	18.11	17.99	19.70
20	64QAM	1	99	17.97	18.15	18.06	19.70
20	64QAM	50	0	17.95	18.12	18.00	19.70
20	64QAM	50	24	17.96	18.20	18.02	19.70
20	64QAM	50	50	17.96	18.17	18.05	19.70
20	64QAM	100	0	17.99	18.17	17.98	19.70
20	256QAM	1	0	17.97	18.13	18.05	19.70
20	256QAM	1	49	17.92	18.11	18.00	19.70
20	256QAM	1	99	17.95	18.15	18.08	19.70
20	256QAM	50	0	17.97	18.12	18.07	19.70
20	256QAM	50	24	17.92	18.09	18.06	19.70
20	256QAM	50	50	17.93	18.11	17.96	19.70
20	256QAM	100	0	18.00	18.18	17.99	19.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.98	18.20	18.03	19.70
15	QPSK	1	37	17.93	18.04	17.96	19.70
15	QPSK	1	74	17.82	18.07	17.88	19.70
15	QPSK	36	0	18.08	18.14	18.17	19.70
15	QPSK	36	20	17.90	18.02	17.93	19.70

15	QPSK	36	39	17.81	18.02	18.02	19.70
15	QPSK	75	0	17.89	18.13	18.01	19.70
15	16QAM	1	0	17.86	18.12	17.98	19.70
15	16QAM	1	37	17.87	18.12	17.96	19.70
15	16QAM	1	74	17.91	17.98	17.99	19.70
15	16QAM	36	0	17.90	18.13	17.83	19.70
15	16QAM	36	20	17.94	17.97	17.95	19.70
15	16QAM	36	39	17.81	18.16	18.04	19.70
15	16QAM	75	0	17.85	18.07	17.96	19.70
15	64QAM	1	0	17.89	18.09	18.02	19.70
15	64QAM	1	37	17.96	18.00	17.97	19.70
15	64QAM	1	74	17.88	18.10	17.99	19.70
15	64QAM	36	0	17.91	18.06	17.98	19.70
15	64QAM	36	20	17.93	18.18	17.96	19.70
15	64QAM	36	39	17.93	18.04	18.02	19.70
15	64QAM	75	0	17.87	18.09	17.87	19.70
15	256QAM	1	0	17.87	18.11	17.93	19.70
15	256QAM	1	37	17.88	18.03	17.86	19.70
15	256QAM	1	74	17.91	18.11	17.94	19.70
15	256QAM	36	0	17.93	18.03	17.99	19.70
15	256QAM	36	20	17.91	18.04	18.00	19.70
15	256QAM	36	39	17.86	18.02	17.87	19.70
15	256QAM	75	0	17.86	18.05	17.88	19.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.03	18.15	18.13	19.70
10	QPSK	1	25	17.89	18.05	17.92	19.70
10	QPSK	1	49	17.84	18.08	17.89	19.70
10	QPSK	25	0	18.16	18.20	18.05	19.70
10	QPSK	25	12	17.82	18.10	17.91	19.70
10	QPSK	25	25	17.89	18.01	18.01	19.70
10	QPSK	50	0	17.91	18.13	17.96	19.70
10	16QAM	1	0	17.85	18.07	18.02	19.70
10	16QAM	1	25	17.91	18.11	18.00	19.70
10	16QAM	1	49	17.90	18.04	17.91	19.70
10	16QAM	25	0	17.87	18.06	17.91	19.70
10	16QAM	25	12	17.91	17.97	17.93	19.70
10	16QAM	25	25	17.89	18.17	17.97	19.70
10	16QAM	50	0	17.83	18.13	17.90	19.70
10	64QAM	1	0	17.88	18.16	17.91	19.70
10	64QAM	1	25	17.88	18.06	17.88	19.70
10	64QAM	1	49	17.90	18.12	17.98	19.70
10	64QAM	25	0	17.85	18.08	17.91	19.70
10	64QAM	25	12	17.88	18.13	17.92	19.70
10	64QAM	25	25	17.91	18.06	18.03	19.70
10	64QAM	50	0	17.95	18.13	17.94	19.70
10	256QAM	1	0	17.96	18.09	17.93	19.70
10	256QAM	1	25	17.83	18.05	17.86	19.70
10	256QAM	1	49	17.90	18.04	18.02	19.70
10	256QAM	25	0	17.83	17.98	18.02	19.70
10	256QAM	25	12	17.86	18.03	17.94	19.70
10	256QAM	25	25	17.82	18.10	17.84	19.70
10	256QAM	50	0	17.88	18.08	17.89	19.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.97	18.18	18.03	19.70
5	QPSK	1	12	17.90	18.08	17.95	19.70
5	QPSK	1	24	17.87	18.18	17.94	19.70
5	QPSK	12	0	18.07	18.11	18.12	19.70
5	QPSK	12	7	17.87	18.07	17.90	19.70
5	QPSK	12	13	17.86	18.04	17.98	19.70
5	QPSK	25	0	17.94	18.15	17.96	19.70
5	16QAM	1	0	17.82	18.11	17.90	19.70
5	16QAM	1	12	17.93	18.09	17.99	19.70
5	16QAM	1	24	17.88	18.01	17.87	19.70
5	16QAM	12	0	17.88	18.03	17.89	19.70
5	16QAM	12	7	17.93	18.02	18.01	19.70
5	16QAM	12	13	17.89	18.17	17.97	19.70
5	16QAM	25	0	17.85	18.15	17.96	19.70
5	64QAM	1	0	17.91	18.11	17.96	19.70
5	64QAM	1	12	17.89	18.06	17.89	19.70
5	64QAM	1	24	17.96	18.08	18.02	19.70
5	64QAM	12	0	17.81	18.05	17.95	19.70
5	64QAM	12	7	17.87	18.18	17.91	19.70
5	64QAM	12	13	17.92	18.14	18.02	19.70
5	64QAM	25	0	17.86	18.03	17.96	19.70
5	256QAM	1	0	17.86	18.03	17.91	19.70
5	256QAM	1	12	17.83	18.00	17.97	19.70

5	256QAM	1	24	17.86	18.06	17.98	19.70
5	256QAM	12	0	17.83	17.98	18.06	19.70
5	256QAM	12	7	17.89	18.06	17.93	19.70
5	256QAM	12	13	17.81	18.08	17.88	19.70
5	256QAM	25	0	17.95	18.09	17.87	19.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.08	18.14	18.04	19.70
3	QPSK	1	8	17.92	18.17	17.91	19.70
3	QPSK	1	14	17.83	18.06	17.97	19.70
3	QPSK	8	0	18.07	18.23	18.11	19.70
3	QPSK	8	4	17.83	18.11	17.84	19.70
3	QPSK	8	7	17.79	18.04	17.94	19.70
3	QPSK	15	0	17.96	18.13	17.98	19.70
3	16QAM	1	0	17.88	18.11	17.95	19.70
3	16QAM	1	8	17.87	18.02	17.96	19.70
3	16QAM	1	14	17.92	18.00	17.88	19.70
3	16QAM	8	0	17.80	18.12	17.94	19.70
3	16QAM	8	4	17.91	18.02	18.02	19.70
3	16QAM	8	7	17.86	18.08	18.00	19.70
3	16QAM	15	0	17.80	18.11	18.04	19.70
3	64QAM	1	0	17.95	18.11	17.93	19.70
3	64QAM	1	8	17.92	17.98	17.87	19.70
3	64QAM	1	14	17.90	18.06	18.00	19.70
3	64QAM	8	0	17.86	18.10	17.95	19.70
3	64QAM	8	4	17.84	18.18	17.98	19.70
3	64QAM	8	7	17.83	18.07	17.99	19.70
3	64QAM	15	0	17.90	18.06	17.92	19.70
3	256QAM	1	0	17.83	18.02	17.99	19.70
3	256QAM	1	8	17.90	18.09	17.98	19.70
3	256QAM	1	14	17.87	18.07	17.97	19.70
3	256QAM	8	0	17.88	17.99	18.02	19.70
3	256QAM	8	4	17.80	17.98	17.98	19.70
3	256QAM	8	7	17.79	17.97	17.87	19.70
3	256QAM	15	0	17.93	18.06	17.94	19.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.00	18.23	18.02	19.70
1.4	QPSK	1	3	17.93	18.14	17.94	19.70
1.4	QPSK	1	5	17.95	18.06	17.97	19.70
1.4	QPSK	3	0	18.07	18.17	18.07	19.70
1.4	QPSK	3	1	17.83	18.13	17.84	19.70
1.4	QPSK	3	3	17.87	18.00	17.99	19.70
1.4	QPSK	6	0	17.87	18.07	17.97	19.70
1.4	16QAM	1	0	17.82	18.12	17.90	19.70
1.4	16QAM	1	3	17.96	18.03	18.01	19.70
1.4	16QAM	1	5	17.83	17.96	17.91	19.70
1.4	16QAM	3	0	17.81	18.10	17.94	19.70
1.4	16QAM	3	1	17.87	18.00	17.95	19.70
1.4	16QAM	3	3	17.90	18.14	18.00	19.70
1.4	16QAM	6	0	17.92	18.12	17.92	19.70
1.4	64QAM	1	0	17.99	18.14	18.01	19.70
1.4	64QAM	1	3	17.87	17.96	17.92	19.70
1.4	64QAM	1	5	17.93	18.12	17.92	19.70
1.4	64QAM	3	0	17.85	17.99	17.90	19.70
1.4	64QAM	3	1	17.87	18.09	17.89	19.70
1.4	64QAM	3	3	17.91	18.12	18.01	19.70
1.4	64QAM	6	0	17.94	18.11	17.96	19.70
1.4	256QAM	1	0	17.90	18.11	18.02	19.70
1.4	256QAM	1	3	17.86	18.07	17.96	19.70
1.4	256QAM	1	5	17.83	18.06	17.94	19.70
1.4	256QAM	3	0	17.89	17.99	17.93	19.70
1.4	256QAM	3	1	17.79	18.08	17.92	19.70
1.4	256QAM	3	3	17.89	18.05	17.94	19.70
1.4	256QAM	6	0	17.96	18.08	17.86	19.70

【LTE Band 4_Ant 4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.17	24.25	24.15	25.70
20	QPSK	1	49	24.03	24.08	24.02	25.70
20	QPSK	1	99	24.13	24.14	24.02	25.70
20	QPSK	50	0	23.26	23.24	23.27	24.70
20	QPSK	50	24	23.21	23.21	23.10	24.70
20	QPSK	50	50	23.22	23.19	23.26	24.70
20	QPSK	100	0	23.16	23.19	23.18	24.70
20	16QAM	1	0	23.15	23.24	23.11	24.70
20	16QAM	1	49	23.15	23.25	23.16	24.70
20	16QAM	1	99	23.17	23.19	23.14	24.70
20	16QAM	50	0	22.24	22.27	22.26	23.70
20	16QAM	50	24	22.17	22.25	22.24	23.70
20	16QAM	50	50	22.18	22.18	22.21	23.70
20	16QAM	100	0	22.14	22.16	22.14	23.70
20	64QAM	1	0	22.15	22.17	22.26	23.70
20	64QAM	1	49	22.20	22.13	22.22	23.70
20	64QAM	1	99	22.21	22.24	22.16	23.70
20	64QAM	50	0	21.18	21.12	21.09	22.70
20	64QAM	50	24	21.11	21.19	21.17	22.70
20	64QAM	50	50	21.09	21.19	21.29	22.70
20	64QAM	100	0	21.19	21.23	21.21	22.70
20	256QAM	1	0	19.20	19.29	19.25	20.70
20	256QAM	1	49	19.25	19.17	19.15	20.70
20	256QAM	1	99	19.17	19.27	19.15	20.70
20	256QAM	50	0	19.26	19.28	19.20	20.70
20	256QAM	50	24	19.10	19.20	19.23	20.70
20	256QAM	50	50	19.09	19.21	19.24	20.70
20	256QAM	100	0	19.14	19.28	19.12	20.70
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.06	24.11	24.04	25.70
15	QPSK	1	37	23.92	24.03	23.99	25.70
15	QPSK	1	74	23.99	24.10	23.90	25.70
15	QPSK	36	0	23.17	23.15	23.13	24.70
15	QPSK	36	20	23.07	23.13	23.03	24.70
15	QPSK	36	39	23.12	23.11	23.16	24.70
15	QPSK	75	0	23.09	23.12	23.04	24.70
15	16QAM	1	0	23.01	23.23	23.03	24.70
15	16QAM	1	37	23.07	23.15	23.09	24.70
15	16QAM	1	74	23.16	23.06	23.09	24.70
15	16QAM	36	0	22.14	22.22	22.13	23.70
15	16QAM	36	20	22.04	22.17	22.10	23.70
15	16QAM	36	39	22.04	22.07	22.09	23.70
15	16QAM	75	0	22.12	22.04	22.08	23.70
15	64QAM	1	0	22.13	22.11	22.12	23.70
15	64QAM	1	37	22.10	22.01	22.17	23.70
15	64QAM	1	74	22.15	22.19	22.11	23.70
15	64QAM	36	0	21.04	21.00	20.98	22.70
15	64QAM	36	20	21.00	21.04	21.10	22.70
15	64QAM	36	39	20.96	21.09	21.16	22.70
15	64QAM	75	0	21.13	21.12	21.13	22.70
15	256QAM	1	0	19.14	19.15	19.18	20.70
15	256QAM	1	37	19.15	19.09	19.07	20.70
15	256QAM	1	74	19.06	19.24	19.12	20.70
15	256QAM	36	0	19.18	19.19	19.08	20.70
15	256QAM	36	20	19.03	19.11	19.16	20.70
15	256QAM	36	39	19.07	19.09	19.13	20.70
15	256QAM	75	0	19.02	19.20	19.02	20.70
Channel				20000	20175	20350	
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.10	24.21	24.02	25.70
10	QPSK	1	25	23.95	24.06	23.90	25.70
10	QPSK	1	49	24.00	23.99	23.91	25.70
10	QPSK	25	0	23.18	23.19	23.25	24.70
10	QPSK	25	12	23.14	23.08	23.03	24.70
10	QPSK	25	25	23.17	23.05	23.20	24.70
10	QPSK	50	0	23.03	23.06	23.16	24.70
10	16QAM	1	0	23.10	23.13	23.03	24.70
10	16QAM	1	25	23.05	23.17	23.13	24.70

10	16QAM	1	49	23.09	23.10	22.99	24.70
10	16QAM	25	0	22.21	22.24	22.16	23.70
10	16QAM	25	12	22.13	22.18	22.19	23.70
10	16QAM	25	25	22.16	22.08	22.08	23.70
10	16QAM	50	0	22.01	22.11	22.08	23.70
10	64QAM	1	0	22.03	22.08	22.24	23.70
10	64QAM	1	25	22.07	21.99	22.18	23.70
10	64QAM	1	49	22.17	22.15	22.06	23.70
10	64QAM	25	0	21.09	20.98	21.05	22.70
10	64QAM	25	12	21.08	21.05	21.03	22.70
10	64QAM	25	25	21.00	21.09	21.24	22.70
10	64QAM	50	0	21.12	21.15	21.13	22.70
10	256QAM	1	0	19.12	19.24	19.21	20.70
10	256QAM	1	25	19.24	19.09	19.03	20.70
10	256QAM	1	49	19.02	19.18	19.02	20.70
10	256QAM	25	0	19.17	19.19	19.10	20.70
10	256QAM	25	12	19.05	19.11	19.14	20.70
10	256QAM	25	25	19.02	19.11	19.16	20.70
10	256QAM	50	0	19.08	19.17	19.07	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.13	24.22	24.04	25.70
5	QPSK	1	12	24.02	24.04	23.95	25.70
5	QPSK	1	24	24.10	24.12	23.90	25.70
5	QPSK	12	0	23.18	23.15	23.13	24.70
5	QPSK	12	7	23.12	23.08	23.01	24.70
5	QPSK	12	13	23.08	23.06	23.12	24.70
5	QPSK	25	0	23.04	23.07	23.08	24.70
5	16QAM	1	0	23.04	23.21	22.98	24.70
5	16QAM	1	12	23.03	23.16	23.05	24.70
5	16QAM	1	24	23.09	23.11	23.09	24.70
5	16QAM	12	0	22.13	22.14	22.24	23.70
5	16QAM	12	7	22.13	22.10	22.13	23.70
5	16QAM	12	13	22.15	22.08	22.15	23.70
5	16QAM	25	0	22.03	22.08	22.03	23.70
5	64QAM	1	0	22.06	22.16	22.18	23.70
5	64QAM	1	12	22.05	21.99	22.20	23.70
5	64QAM	1	24	22.18	22.10	22.12	23.70
5	64QAM	12	0	21.06	20.99	21.04	22.70
5	64QAM	12	7	21.07	21.10	21.06	22.70
5	64QAM	12	13	20.99	21.11	21.17	22.70
5	64QAM	25	0	21.18	21.19	21.06	22.70
5	256QAM	1	0	19.18	19.25	19.14	20.70
5	256QAM	1	12	19.14	19.16	19.04	20.70
5	256QAM	1	24	19.11	19.22	19.03	20.70
5	256QAM	12	0	19.21	19.23	19.08	20.70
5	256QAM	12	7	19.00	19.12	19.10	20.70
5	256QAM	12	13	19.02	19.19	19.13	20.70
5	256QAM	25	0	19.01	19.23	19.04	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.03	24.20	24.09	25.70
3	QPSK	1	8	23.91	23.95	23.92	25.70
3	QPSK	1	14	24.08	24.11	23.97	25.70
3	QPSK	8	0	23.19	23.21	23.22	24.70
3	QPSK	8	4	23.13	23.16	23.09	24.70
3	QPSK	8	7	23.12	23.18	23.12	24.70
3	QPSK	15	0	23.10	23.09	23.12	24.70
3	16QAM	1	0	23.13	23.20	23.05	24.70
3	16QAM	1	8	23.01	23.10	23.10	24.70
3	16QAM	1	14	23.15	23.08	23.00	24.70
3	16QAM	8	0	22.12	22.13	22.13	23.70
3	16QAM	8	4	22.04	22.17	22.16	23.70
3	16QAM	8	7	22.17	22.07	22.06	23.70
3	16QAM	15	0	22.01	22.09	22.10	23.70
3	64QAM	1	0	22.03	22.03	22.15	23.70
3	64QAM	1	8	22.06	22.02	22.14	23.70
3	64QAM	1	14	22.16	22.14	22.12	23.70
3	64QAM	8	0	21.17	21.10	21.02	22.70
3	64QAM	8	4	20.98	21.05	21.10	22.70
3	64QAM	8	7	21.06	21.09	21.25	22.70
3	64QAM	15	0	21.10	21.17	21.07	22.70
3	256QAM	1	0	19.10	19.15	19.22	20.70
3	256QAM	1	8	19.18	19.09	19.07	20.70
3	256QAM	1	14	19.14	19.22	19.05	20.70
3	256QAM	8	0	19.12	19.21	19.11	20.70
3	256QAM	8	4	18.96	19.17	19.09	20.70
3	256QAM	8	7	18.96	19.14	19.10	20.70

3	256QAM	15	0	19.08	19.26	19.11	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.09	24.13	24.06	25.70
1.4	QPSK	1	3	23.95	23.96	24.01	25.70
1.4	QPSK	1	5	24.11	24.00	23.93	25.70
1.4	QPSK	3	0	24.13	24.20	24.15	25.70
1.4	QPSK	3	1	24.15	24.11	23.97	25.70
1.4	QPSK	3	3	24.18	24.05	24.22	25.70
1.4	QPSK	6	0	23.08	23.05	23.05	24.70
1.4	16QAM	1	0	23.08	23.18	22.99	24.70
1.4	16QAM	1	3	23.05	23.20	23.12	24.70
1.4	16QAM	1	5	23.08	23.06	23.10	24.70
1.4	16QAM	3	0	23.22	23.24	23.19	24.70
1.4	16QAM	3	1	23.11	23.19	23.16	24.70
1.4	16QAM	3	3	23.10	23.09	23.16	24.70
1.4	16QAM	6	0	22.10	22.10	22.10	23.70
1.4	64QAM	1	0	22.05	22.02	22.13	23.70
1.4	64QAM	1	3	22.09	22.06	22.15	23.70
1.4	64QAM	1	5	22.14	22.16	22.06	23.70
1.4	64QAM	3	0	22.15	22.05	22.06	23.70
1.4	64QAM	3	1	22.00	22.09	22.09	23.70
1.4	64QAM	3	3	21.98	22.17	22.15	23.70
1.4	64QAM	6	0	21.16	21.21	21.18	22.70
1.4	256QAM	1	0	19.11	19.17	19.12	20.70
1.4	256QAM	1	3	19.22	19.04	19.05	20.70
1.4	256QAM	1	5	19.14	19.14	19.12	20.70
1.4	256QAM	3	0	19.11	19.16	19.13	20.70
1.4	256QAM	3	1	19.05	19.09	19.10	20.70
1.4	256QAM	3	3	19.06	19.13	19.16	20.70
1.4	256QAM	6	0	19.00	19.22	19.09	20.70

【LTE Band 4_Ant 4_ECI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.07	18.13	17.99	18.70
20	QPSK	1	49	17.99	17.94	17.88	18.70
20	QPSK	1	99	17.94	17.94	17.86	18.70
20	QPSK	50	0	18.08	18.11	18.09	18.70
20	QPSK	50	24	17.95	18.05	17.88	18.70
20	QPSK	50	50	17.89	18.03	17.87	18.70
20	QPSK	100	0	17.93	18.04	17.91	18.70
20	16QAM	1	0	17.95	17.97	17.80	18.70
20	16QAM	1	49	17.91	17.94	17.89	18.70
20	16QAM	1	99	17.88	17.95	17.91	18.70
20	16QAM	50	0	17.97	18.05	17.87	18.70
20	16QAM	50	24	17.95	18.03	17.85	18.70
20	16QAM	50	50	17.96	18.01	17.87	18.70
20	16QAM	100	0	17.93	17.93	17.81	18.70
20	64QAM	1	0	17.98	18.02	17.87	18.70
20	64QAM	1	49	17.87	17.95	17.81	18.70
20	64QAM	1	99	17.94	17.98	17.87	18.70
20	64QAM	50	0	17.99	17.95	17.86	18.70
20	64QAM	50	24	17.97	17.95	17.82	18.70
20	64QAM	50	50	17.87	18.05	17.89	18.70
20	64QAM	100	0	17.94	17.96	17.84	18.70
20	256QAM	1	0	17.91	17.98	17.79	18.70
20	256QAM	1	49	17.95	17.99	17.86	18.70
20	256QAM	1	99	17.89	17.96	17.82	18.70
20	256QAM	50	0	17.90	18.03	17.82	18.70
20	256QAM	50	24	17.95	18.02	17.79	18.70
20	256QAM	50	50	17.93	17.96	17.85	18.70
20	256QAM	100	0	17.97	18.04	17.89	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.05	18.02	17.95	18.70
15	QPSK	1	37	17.97	17.86	17.76	18.70
15	QPSK	1	74	17.79	17.82	17.78	18.70
15	QPSK	36	0	18.07	18.02	17.98	18.70
15	QPSK	36	20	17.88	18.03	17.81	18.70

15	QPSK	36	39	17.86	17.97	17.72	18.70
15	QPSK	75	0	17.83	17.89	17.81	18.70
15	16QAM	1	0	17.87	17.93	17.67	18.70
15	16QAM	1	37	17.81	17.82	17.86	18.70
15	16QAM	1	74	17.82	17.82	17.84	18.70
15	16QAM	36	0	17.84	18.04	17.74	18.70
15	16QAM	36	20	17.84	18.01	17.71	18.70
15	16QAM	36	39	17.84	17.98	17.78	18.70
15	16QAM	75	0	17.85	17.85	17.79	18.70
15	64QAM	1	0	17.83	17.88	17.74	18.70
15	64QAM	1	37	17.85	17.84	17.67	18.70
15	64QAM	1	74	17.79	17.84	17.77	18.70
15	64QAM	36	0	17.88	17.93	17.78	18.70
15	64QAM	36	20	17.86	17.86	17.71	18.70
15	64QAM	36	39	17.81	18.03	17.83	18.70
15	64QAM	75	0	17.85	17.95	17.73	18.70
15	256QAM	1	0	17.87	17.94	17.66	18.70
15	256QAM	1	37	17.89	17.97	17.83	18.70
15	256QAM	1	74	17.81	17.83	17.76	18.70
15	256QAM	36	0	17.84	18.00	17.76	18.70
15	256QAM	36	20	17.89	17.88	17.67	18.70
15	256QAM	36	39	17.91	17.91	17.76	18.70
15	256QAM	75	0	17.88	17.90	17.86	18.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.99	18.12	17.88	18.70
10	QPSK	1	25	17.96	17.87	17.84	18.70
10	QPSK	1	49	17.81	17.84	17.83	18.70
10	QPSK	25	0	18.00	18.08	18.05	18.70
10	QPSK	25	12	17.94	17.90	17.82	18.70
10	QPSK	25	25	17.87	17.98	17.84	18.70
10	QPSK	50	0	17.87	17.92	17.77	18.70
10	16QAM	1	0	17.90	17.88	17.73	18.70
10	16QAM	1	25	17.80	17.91	17.76	18.70
10	16QAM	1	49	17.81	17.92	17.86	18.70
10	16QAM	25	0	17.94	18.02	17.80	18.70
10	16QAM	25	12	17.81	17.98	17.76	18.70
10	16QAM	25	25	17.95	17.88	17.73	18.70
10	16QAM	50	0	17.79	17.89	17.79	18.70
10	64QAM	1	0	17.96	17.98	17.75	18.70
10	64QAM	1	25	17.75	17.85	17.80	18.70
10	64QAM	1	49	17.91	17.86	17.84	18.70
10	64QAM	25	0	17.97	17.94	17.81	18.70
10	64QAM	25	12	17.85	17.87	17.78	18.70
10	64QAM	25	25	17.76	17.96	17.82	18.70
10	64QAM	50	0	17.90	17.93	17.78	18.70
10	256QAM	1	0	17.81	17.86	17.73	18.70
10	256QAM	1	25	17.93	17.95	17.78	18.70
10	256QAM	1	49	17.83	17.91	17.77	18.70
10	256QAM	25	0	17.80	17.91	17.78	18.70
10	256QAM	25	12	17.90	17.97	17.67	18.70
10	256QAM	25	25	17.91	17.89	17.76	18.70
10	256QAM	50	0	17.94	17.96	17.84	18.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.94	17.99	17.95	18.70
5	QPSK	1	12	17.87	17.88	17.76	18.70
5	QPSK	1	24	17.89	17.86	17.80	18.70
5	QPSK	12	0	18.00	17.99	18.06	18.70
5	QPSK	12	7	17.86	18.04	17.76	18.70
5	QPSK	12	13	17.76	17.89	17.85	18.70
5	QPSK	25	0	17.82	17.92	17.90	18.70
5	16QAM	1	0	17.91	17.87	17.74	18.70
5	16QAM	1	12	17.86	17.88	17.83	18.70
5	16QAM	1	24	17.78	17.92	17.84	18.70
5	16QAM	12	0	17.88	17.95	17.86	18.70
5	16QAM	12	7	17.83	17.93	17.72	18.70
5	16QAM	12	13	17.90	17.94	17.80	18.70
5	16QAM	25	0	17.90	17.90	17.74	18.70
5	64QAM	1	0	17.88	17.91	17.83	18.70
5	64QAM	1	12	17.72	17.87	17.72	18.70
5	64QAM	1	24	17.93	17.90	17.75	18.70
5	64QAM	12	0	17.86	17.88	17.75	18.70
5	64QAM	12	7	17.93	17.90	17.79	18.70
5	64QAM	12	13	17.78	18.01	17.74	18.70
5	64QAM	25	0	17.93	17.89	17.72	18.70
5	256QAM	1	0	17.88	17.86	17.70	18.70
5	256QAM	1	12	17.88	17.87	17.84	18.70

5	256QAM	1	24	17.83	17.93	17.79	18.70
5	256QAM	12	0	17.81	18.01	17.78	18.70
5	256QAM	12	7	17.88	17.88	17.74	18.70
5	256QAM	12	13	17.87	17.90	17.78	18.70
5	256QAM	25	0	17.91	17.95	17.87	18.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.04	18.11	17.91	18.70
3	QPSK	1	8	17.88	17.81	17.83	18.70
3	QPSK	1	14	17.84	17.82	17.73	18.70
3	QPSK	8	0	17.99	18.06	18.05	18.70
3	QPSK	8	4	17.83	17.92	17.79	18.70
3	QPSK	8	7	17.76	17.94	17.84	18.70
3	QPSK	15	0	17.90	17.96	17.76	18.70
3	16QAM	1	0	17.87	17.92	17.73	18.70
3	16QAM	1	8	17.87	17.88	17.82	18.70
3	16QAM	1	14	17.76	17.87	17.79	18.70
3	16QAM	8	0	17.88	17.95	17.81	18.70
3	16QAM	8	4	17.84	17.96	17.83	18.70
3	16QAM	8	7	17.91	17.98	17.82	18.70
3	16QAM	15	0	17.89	17.80	17.75	18.70
3	64QAM	1	0	17.88	17.88	17.79	18.70
3	64QAM	1	8	17.86	17.85	17.68	18.70
3	64QAM	1	14	17.86	17.87	17.85	18.70
3	64QAM	8	0	17.90	17.86	17.78	18.70
3	64QAM	8	4	17.93	17.90	17.69	18.70
3	64QAM	8	7	17.82	18.02	17.79	18.70
3	64QAM	15	0	17.84	17.91	17.70	18.70
3	256QAM	1	0	17.85	17.94	17.66	18.70
3	256QAM	1	8	17.82	17.84	17.81	18.70
3	256QAM	1	14	17.76	17.82	17.79	18.70
3	256QAM	8	0	17.77	18.02	17.69	18.70
3	256QAM	8	4	17.87	17.96	17.78	18.70
3	256QAM	8	7	17.82	17.91	17.81	18.70
3	256QAM	15	0	17.89	18.00	17.81	18.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.98	18.12	17.96	18.70
1.4	QPSK	1	3	17.86	17.82	17.76	18.70
1.4	QPSK	1	5	17.83	17.90	17.82	18.70
1.4	QPSK	3	0	17.94	17.99	18.06	18.70
1.4	QPSK	3	1	17.91	17.94	17.77	18.70
1.4	QPSK	3	3	17.76	17.99	17.80	18.70
1.4	QPSK	6	0	17.89	18.02	17.89	18.70
1.4	16QAM	1	0	17.91	17.93	17.75	18.70
1.4	16QAM	1	3	17.76	17.81	17.87	18.70
1.4	16QAM	1	5	17.76	17.91	17.85	18.70
1.4	16QAM	3	0	17.93	17.94	17.80	18.70
1.4	16QAM	3	1	17.84	17.93	17.72	18.70
1.4	16QAM	3	3	17.93	17.98	17.86	18.70
1.4	16QAM	6	0	17.84	17.83	17.67	18.70
1.4	64QAM	1	0	17.83	17.95	17.85	18.70
1.4	64QAM	1	3	17.82	17.93	17.71	18.70
1.4	64QAM	1	5	17.88	17.97	17.76	18.70
1.4	64QAM	3	0	17.85	17.85	17.71	18.70
1.4	64QAM	3	1	17.88	17.84	17.78	18.70
1.4	64QAM	3	3	17.85	18.00	17.75	18.70
1.4	64QAM	6	0	17.85	17.93	17.77	18.70
1.4	256QAM	1	0	17.85	17.92	17.75	18.70
1.4	256QAM	1	3	17.86	17.98	17.78	18.70
1.4	256QAM	1	5	17.84	17.89	17.79	18.70
1.4	256QAM	3	0	17.89	17.89	17.76	18.70
1.4	256QAM	3	1	17.90	17.87	17.68	18.70
1.4	256QAM	3	3	17.82	17.82	17.82	18.70
1.4	256QAM	6	0	17.87	17.94	17.79	18.70

【LTE Band 4_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	20.20
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.07	19.08	18.89	20.20
20	QPSK	1	49	18.88	18.92	18.79	20.20
20	QPSK	1	99	18.95	18.91	18.71	20.20
20	QPSK	50	0	19.04	19.05	19.03	20.20
20	QPSK	50	24	18.90	18.90	18.74	20.20
20	QPSK	50	50	18.95	18.89	18.81	20.20
20	QPSK	100	0	18.92	18.96	18.70	20.20
20	16QAM	1	0	18.98	18.99	18.80	20.20
20	16QAM	1	49	18.97	18.92	18.79	20.20
20	16QAM	1	99	18.92	18.99	18.76	20.20
20	16QAM	50	0	18.93	18.95	18.73	20.20
20	16QAM	50	24	18.88	18.93	18.74	20.20
20	16QAM	50	50	18.96	18.96	18.74	20.20
20	16QAM	100	0	18.91	18.93	18.77	20.20
20	64QAM	1	0	18.91	18.94	18.70	20.20
20	64QAM	1	49	18.91	18.91	18.75	20.20
20	64QAM	1	99	18.92	18.94	18.77	20.20
20	64QAM	50	0	18.92	18.92	18.70	20.20
20	64QAM	50	24	18.91	18.90	18.79	20.20
20	64QAM	50	50	18.89	18.98	18.79	20.20
20	64QAM	100	0	18.91	18.90	18.70	20.20
20	256QAM	1	0	18.97	19.00	18.70	20.20
20	256QAM	1	49	18.95	19.00	18.78	20.20
20	256QAM	1	99	18.90	18.95	18.79	20.20
20	256QAM	50	0	18.97	18.92	18.75	20.20
20	256QAM	50	24	18.93	18.91	18.78	20.20
20	256QAM	50	50	18.89	18.92	18.79	20.20
20	256QAM	100	0	18.96	18.90	18.71	20.20
Channel				20025	20175	20325	20.20
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.92	19.00	18.88	20.20
15	QPSK	1	37	18.76	18.78	18.73	20.20
15	QPSK	1	74	18.89	18.85	18.66	20.20
15	QPSK	36	0	18.96	19.02	19.00	20.20
15	QPSK	36	20	18.76	18.83	18.64	20.20
15	QPSK	36	39	18.91	18.77	18.74	20.20
15	QPSK	75	0	18.88	18.94	18.65	20.20
15	16QAM	1	0	18.85	18.93	18.70	20.20
15	16QAM	1	37	18.96	18.82	18.66	20.20
15	16QAM	1	74	18.77	18.85	18.69	20.20
15	16QAM	36	0	18.81	18.91	18.70	20.20
15	16QAM	36	20	18.74	18.88	18.63	20.20
15	16QAM	36	39	18.92	18.93	18.64	20.20
15	16QAM	75	0	18.86	18.87	18.69	20.20
15	64QAM	1	0	18.80	18.80	18.63	20.20
15	64QAM	1	37	18.81	18.88	18.71	20.20
15	64QAM	1	74	18.79	18.90	18.65	20.20
15	64QAM	36	0	18.89	18.78	18.65	20.20
15	64QAM	36	20	18.82	18.79	18.73	20.20
15	64QAM	36	39	18.87	18.86	18.69	20.20
15	64QAM	75	0	18.84	18.76	18.65	20.20
15	256QAM	1	0	18.90	18.85	18.60	20.20
15	256QAM	1	37	18.89	18.96	18.69	20.20
15	256QAM	1	74	18.85	18.88	18.75	20.20
15	256QAM	36	0	18.90	18.90	18.66	20.20
15	256QAM	36	20	18.91	18.85	18.74	20.20
15	256QAM	36	39	18.81	18.80	18.64	20.20
15	256QAM	75	0	18.94	18.84	18.68	20.20
Channel				20000	20175	20350	20.20
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.05	19.02	18.78	20.20
10	QPSK	1	25	18.80	18.85	18.75	20.20
10	QPSK	1	49	18.86	18.88	18.64	20.20
10	QPSK	25	0	19.02	18.94	18.96	20.20
10	QPSK	25	12	18.82	18.80	18.59	20.20
10	QPSK	25	25	18.84	18.78	18.75	20.20
10	QPSK	50	0	18.82	18.82	18.67	20.20
10	16QAM	1	0	18.93	18.85	18.78	20.20
10	16QAM	1	25	18.91	18.89	18.64	20.20

10	16QAM	1	49	18.85	18.97	18.63	20.20
10	16QAM	25	0	18.91	18.82	18.71	20.20
10	16QAM	25	12	18.75	18.83	18.69	20.20
10	16QAM	25	25	18.88	18.89	18.70	20.20
10	16QAM	50	0	18.78	18.87	18.74	20.20
10	64QAM	1	0	18.76	18.82	18.59	20.20
10	64QAM	1	25	18.84	18.76	18.63	20.20
10	64QAM	1	49	18.83	18.93	18.67	20.20
10	64QAM	25	0	18.86	18.77	18.57	20.20
10	64QAM	25	12	18.76	18.79	18.72	20.20
10	64QAM	25	25	18.84	18.89	18.74	20.20
10	64QAM	50	0	18.90	18.76	18.59	20.20
10	256QAM	1	0	18.85	18.91	18.66	20.20
10	256QAM	1	25	18.86	18.97	18.65	20.20
10	256QAM	1	49	18.84	18.91	18.64	20.20
10	256QAM	25	0	18.90	18.79	18.67	20.20
10	256QAM	25	12	18.83	18.89	18.63	20.20
10	256QAM	25	25	18.83	18.86	18.70	20.20
10	256QAM	50	0	18.91	18.77	18.69	20.20
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	19.03	18.96	18.88	20.20
5	QPSK	1	12	18.82	18.86	18.77	20.20
5	QPSK	1	24	18.81	18.79	18.58	20.20
5	QPSK	12	0	18.91	18.96	18.96	20.20
5	QPSK	12	7	18.84	18.86	18.66	20.20
5	QPSK	12	13	18.81	18.83	18.67	20.20
5	QPSK	25	0	18.80	18.85	18.63	20.20
5	16QAM	1	0	18.96	18.86	18.72	20.20
5	16QAM	1	12	18.93	18.89	18.72	20.20
5	16QAM	1	24	18.79	18.94	18.68	20.20
5	16QAM	12	0	18.81	18.92	18.62	20.20
5	16QAM	12	7	18.78	18.84	18.67	20.20
5	16QAM	12	13	18.85	18.89	18.70	20.20
5	16QAM	25	0	18.76	18.90	18.68	20.20
5	64QAM	1	0	18.76	18.82	18.61	20.20
5	64QAM	1	12	18.82	18.86	18.61	20.20
5	64QAM	1	24	18.78	18.82	18.73	20.20
5	64QAM	12	0	18.89	18.81	18.66	20.20
5	64QAM	12	7	18.85	18.82	18.64	20.20
5	64QAM	12	13	18.75	18.97	18.75	20.20
5	64QAM	25	0	18.78	18.89	18.63	20.20
5	256QAM	1	0	18.94	18.96	18.66	20.20
5	256QAM	1	12	18.88	18.95	18.67	20.20
5	256QAM	1	24	18.77	18.89	18.65	20.20
5	256QAM	12	0	18.86	18.87	18.61	20.20
5	256QAM	12	7	18.81	18.81	18.63	20.20
5	256QAM	12	13	18.75	18.81	18.78	20.20
5	256QAM	25	0	18.90	18.76	18.64	20.20
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.03	19.02	18.84	20.20
3	QPSK	1	8	18.80	18.88	18.70	20.20
3	QPSK	1	14	18.84	18.81	18.70	20.20
3	QPSK	8	0	19.00	18.98	18.98	20.20
3	QPSK	8	4	18.82	18.78	18.66	20.20
3	QPSK	8	7	18.88	18.84	18.66	20.20
3	QPSK	15	0	18.84	18.90	18.64	20.20
3	16QAM	1	0	18.85	18.91	18.77	20.20
3	16QAM	1	8	18.88	18.87	18.67	20.20
3	16QAM	1	14	18.83	18.89	18.69	20.20
3	16QAM	8	0	18.86	18.86	18.64	20.20
3	16QAM	8	4	18.84	18.83	18.72	20.20
3	16QAM	8	7	18.88	18.94	18.59	20.20
3	16QAM	15	0	18.90	18.84	18.74	20.20
3	64QAM	1	0	18.82	18.93	18.69	20.20
3	64QAM	1	8	18.89	18.77	18.61	20.20
3	64QAM	1	14	18.90	18.81	18.75	20.20
3	64QAM	8	0	18.87	18.78	18.65	20.20
3	64QAM	8	4	18.76	18.77	18.70	20.20
3	64QAM	8	7	18.86	18.94	18.77	20.20
3	64QAM	15	0	18.80	18.87	18.64	20.20
3	256QAM	1	0	18.82	18.88	18.66	20.20
3	256QAM	1	8	18.83	18.88	18.74	20.20
3	256QAM	1	14	18.76	18.86	18.76	20.20
3	256QAM	8	0	18.92	18.89	18.64	20.20
3	256QAM	8	4	18.86	18.90	18.67	20.20
3	256QAM	8	7	18.84	18.84	18.70	20.20

3	256QAM	15	0	18.85	18.84	18.67	20.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.02	18.98	18.87	20.20
1.4	QPSK	1	3	18.84	18.80	18.69	20.20
1.4	QPSK	1	5	18.86	18.87	18.69	20.20
1.4	QPSK	3	0	19.02	18.99	18.89	20.20
1.4	QPSK	3	1	18.89	18.76	18.71	20.20
1.4	QPSK	3	3	18.84	18.77	18.71	20.20
1.4	QPSK	6	0	18.80	18.86	18.61	20.20
1.4	16QAM	1	0	18.90	18.90	18.69	20.20
1.4	16QAM	1	3	18.94	18.88	18.77	20.20
1.4	16QAM	1	5	18.84	18.86	18.72	20.20
1.4	16QAM	3	0	18.82	18.84	18.69	20.20
1.4	16QAM	3	1	18.87	18.79	18.62	20.20
1.4	16QAM	3	3	18.89	18.94	18.59	20.20
1.4	16QAM	6	0	18.82	18.78	18.71	20.20
1.4	64QAM	1	0	18.84	18.82	18.64	20.20
1.4	64QAM	1	3	18.89	18.78	18.63	20.20
1.4	64QAM	1	5	18.84	18.89	18.64	20.20
1.4	64QAM	3	0	18.82	18.86	18.58	20.20
1.4	64QAM	3	1	18.87	18.79	18.66	20.20
1.4	64QAM	3	3	18.82	18.88	18.74	20.20
1.4	64QAM	6	0	18.78	18.77	18.59	20.20
1.4	256QAM	1	0	18.94	18.97	18.64	20.20
1.4	256QAM	1	3	18.83	18.88	18.72	20.20
1.4	256QAM	1	5	18.75	18.93	18.73	20.20
1.4	256QAM	3	0	18.86	18.80	18.69	20.20
1.4	256QAM	3	1	18.91	18.83	18.68	20.20
1.4	256QAM	3	3	18.88	18.89	18.69	20.20
1.4	256QAM	6	0	18.85	18.81	18.66	20.20

【LTE Band 4_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.07	19.08	18.89	20.20
20	QPSK	1	49	18.88	18.92	18.79	20.20
20	QPSK	1	99	18.95	18.91	18.71	20.20
20	QPSK	50	0	19.04	19.05	19.03	20.20
20	QPSK	50	24	18.90	18.90	18.74	20.20
20	QPSK	50	50	18.95	18.89	18.81	20.20
20	QPSK	100	0	18.92	18.96	18.70	20.20
20	16QAM	1	0	18.98	18.99	18.80	20.20
20	16QAM	1	49	18.97	18.92	18.79	20.20
20	16QAM	1	99	18.92	18.99	18.76	20.20
20	16QAM	50	0	18.93	18.95	18.73	20.20
20	16QAM	50	24	18.88	18.93	18.74	20.20
20	16QAM	50	50	18.96	18.96	18.74	20.20
20	16QAM	100	0	18.91	18.93	18.77	20.20
20	64QAM	1	0	18.91	18.94	18.70	20.20
20	64QAM	1	49	18.91	18.91	18.75	20.20
20	64QAM	1	99	18.92	18.94	18.77	20.20
20	64QAM	50	0	18.92	18.92	18.70	20.20
20	64QAM	50	24	18.91	18.90	18.79	20.20
20	64QAM	50	50	18.89	18.98	18.79	20.20
20	64QAM	100	0	18.91	18.90	18.70	20.20
20	256QAM	1	0	18.97	19.00	18.70	20.20
20	256QAM	1	49	18.95	19.00	18.78	20.20
20	256QAM	1	99	18.90	18.95	18.79	20.20
20	256QAM	50	0	18.97	18.92	18.75	20.20
20	256QAM	50	24	18.93	18.91	18.78	20.20
20	256QAM	50	50	18.89	18.92	18.79	20.20
20	256QAM	100	0	18.96	18.90	18.71	20.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.92	19.00	18.88	20.20
15	QPSK	1	37	18.76	18.78	18.73	20.20
15	QPSK	1	74	18.89	18.85	18.66	20.20
15	QPSK	36	0	18.96	19.02	19.00	20.20
15	QPSK	36	20	18.76	18.83	18.64	20.20

15	QPSK	36	39	18.91	18.77	18.74	20.20
15	QPSK	75	0	18.88	18.94	18.65	20.20
15	16QAM	1	0	18.85	18.93	18.70	20.20
15	16QAM	1	37	18.96	18.82	18.66	20.20
15	16QAM	1	74	18.77	18.85	18.69	20.20
15	16QAM	36	0	18.81	18.91	18.70	20.20
15	16QAM	36	20	18.74	18.88	18.63	20.20
15	16QAM	36	39	18.92	18.93	18.64	20.20
15	16QAM	75	0	18.86	18.87	18.69	20.20
15	64QAM	1	0	18.80	18.80	18.63	20.20
15	64QAM	1	37	18.81	18.88	18.71	20.20
15	64QAM	1	74	18.79	18.90	18.65	20.20
15	64QAM	36	0	18.89	18.78	18.65	20.20
15	64QAM	36	20	18.82	18.79	18.73	20.20
15	64QAM	36	39	18.87	18.86	18.69	20.20
15	64QAM	75	0	18.84	18.76	18.65	20.20
15	256QAM	1	0	18.90	18.85	18.60	20.20
15	256QAM	1	37	18.89	18.96	18.69	20.20
15	256QAM	1	74	18.85	18.88	18.75	20.20
15	256QAM	36	0	18.90	18.90	18.66	20.20
15	256QAM	36	20	18.91	18.85	18.74	20.20
15	256QAM	36	39	18.81	18.80	18.64	20.20
15	256QAM	75	0	18.94	18.84	18.68	20.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.05	19.02	18.78	20.20
10	QPSK	1	25	18.80	18.85	18.75	20.20
10	QPSK	1	49	18.86	18.88	18.64	20.20
10	QPSK	25	0	19.02	18.94	18.96	20.20
10	QPSK	25	12	18.82	18.80	18.59	20.20
10	QPSK	25	25	18.84	18.78	18.75	20.20
10	QPSK	50	0	18.82	18.82	18.67	20.20
10	16QAM	1	0	18.93	18.85	18.78	20.20
10	16QAM	1	25	18.91	18.89	18.64	20.20
10	16QAM	1	49	18.85	18.97	18.63	20.20
10	16QAM	25	0	18.91	18.82	18.71	20.20
10	16QAM	25	12	18.75	18.83	18.69	20.20
10	16QAM	25	25	18.88	18.89	18.70	20.20
10	16QAM	50	0	18.78	18.87	18.74	20.20
10	64QAM	1	0	18.76	18.82	18.59	20.20
10	64QAM	1	25	18.84	18.76	18.63	20.20
10	64QAM	1	49	18.83	18.93	18.67	20.20
10	64QAM	25	0	18.86	18.77	18.57	20.20
10	64QAM	25	12	18.76	18.79	18.72	20.20
10	64QAM	25	25	18.84	18.89	18.74	20.20
10	64QAM	50	0	18.90	18.76	18.59	20.20
10	256QAM	1	0	18.85	18.91	18.66	20.20
10	256QAM	1	25	18.86	18.97	18.65	20.20
10	256QAM	1	49	18.84	18.91	18.64	20.20
10	256QAM	25	0	18.90	18.79	18.67	20.20
10	256QAM	25	12	18.83	18.89	18.63	20.20
10	256QAM	25	25	18.83	18.86	18.70	20.20
10	256QAM	50	0	18.91	18.77	18.69	20.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.03	18.96	18.88	20.20
5	QPSK	1	12	18.82	18.86	18.77	20.20
5	QPSK	1	24	18.81	18.79	18.58	20.20
5	QPSK	12	0	18.91	18.96	18.96	20.20
5	QPSK	12	7	18.84	18.86	18.66	20.20
5	QPSK	12	13	18.81	18.83	18.67	20.20
5	QPSK	25	0	18.80	18.85	18.63	20.20
5	16QAM	1	0	18.96	18.86	18.72	20.20
5	16QAM	1	12	18.93	18.89	18.72	20.20
5	16QAM	1	24	18.79	18.94	18.68	20.20
5	16QAM	12	0	18.81	18.92	18.62	20.20
5	16QAM	12	7	18.78	18.84	18.67	20.20
5	16QAM	12	13	18.85	18.89	18.70	20.20
5	16QAM	25	0	18.76	18.90	18.68	20.20
5	64QAM	1	0	18.76	18.82	18.61	20.20
5	64QAM	1	12	18.82	18.86	18.61	20.20
5	64QAM	1	24	18.78	18.82	18.73	20.20
5	64QAM	12	0	18.89	18.81	18.66	20.20
5	64QAM	12	7	18.85	18.82	18.64	20.20
5	64QAM	12	13	18.75	18.97	18.75	20.20
5	64QAM	25	0	18.78	18.89	18.63	20.20
5	256QAM	1	0	18.94	18.96	18.66	20.20
5	256QAM	1	12	18.88	18.95	18.67	20.20

5	256QAM	1	24	18.77	18.89	18.65	20.20
5	256QAM	12	0	18.86	18.87	18.61	20.20
5	256QAM	12	7	18.81	18.81	18.63	20.20
5	256QAM	12	13	18.75	18.81	18.78	20.20
5	256QAM	25	0	18.90	18.76	18.64	20.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.03	19.02	18.84	20.20
3	QPSK	1	8	18.80	18.88	18.70	20.20
3	QPSK	1	14	18.84	18.81	18.70	20.20
3	QPSK	8	0	19.00	18.98	18.98	20.20
3	QPSK	8	4	18.82	18.78	18.66	20.20
3	QPSK	8	7	18.88	18.84	18.66	20.20
3	QPSK	15	0	18.84	18.90	18.64	20.20
3	16QAM	1	0	18.85	18.91	18.77	20.20
3	16QAM	1	8	18.88	18.87	18.67	20.20
3	16QAM	1	14	18.83	18.89	18.69	20.20
3	16QAM	8	0	18.86	18.86	18.64	20.20
3	16QAM	8	4	18.84	18.83	18.72	20.20
3	16QAM	8	7	18.88	18.94	18.59	20.20
3	16QAM	15	0	18.90	18.84	18.74	20.20
3	64QAM	1	0	18.82	18.93	18.69	20.20
3	64QAM	1	8	18.89	18.77	18.61	20.20
3	64QAM	1	14	18.90	18.81	18.75	20.20
3	64QAM	8	0	18.87	18.78	18.65	20.20
3	64QAM	8	4	18.76	18.77	18.70	20.20
3	64QAM	8	7	18.86	18.94	18.77	20.20
3	64QAM	15	0	18.80	18.87	18.64	20.20
3	256QAM	1	0	18.82	18.88	18.66	20.20
3	256QAM	1	8	18.83	18.88	18.74	20.20
3	256QAM	1	14	18.76	18.86	18.76	20.20
3	256QAM	8	0	18.92	18.89	18.64	20.20
3	256QAM	8	4	18.86	18.90	18.67	20.20
3	256QAM	8	7	18.84	18.84	18.70	20.20
3	256QAM	15	0	18.85	18.84	18.67	20.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.02	18.98	18.87	20.20
1.4	QPSK	1	3	18.84	18.80	18.69	20.20
1.4	QPSK	1	5	18.86	18.87	18.69	20.20
1.4	QPSK	3	0	19.02	18.99	18.89	20.20
1.4	QPSK	3	1	18.89	18.76	18.71	20.20
1.4	QPSK	3	3	18.84	18.77	18.71	20.20
1.4	QPSK	6	0	18.80	18.86	18.61	20.20
1.4	16QAM	1	0	18.90	18.90	18.69	20.20
1.4	16QAM	1	3	18.94	18.88	18.77	20.20
1.4	16QAM	1	5	18.84	18.86	18.72	20.20
1.4	16QAM	3	0	18.82	18.84	18.69	20.20
1.4	16QAM	3	1	18.87	18.79	18.62	20.20
1.4	16QAM	3	3	18.89	18.94	18.59	20.20
1.4	16QAM	6	0	18.82	18.78	18.71	20.20
1.4	64QAM	1	0	18.84	18.82	18.64	20.20
1.4	64QAM	1	3	18.89	18.78	18.63	20.20
1.4	64QAM	1	5	18.84	18.89	18.64	20.20
1.4	64QAM	3	0	18.82	18.86	18.58	20.20
1.4	64QAM	3	1	18.87	18.79	18.66	20.20
1.4	64QAM	3	3	18.82	18.88	18.74	20.20
1.4	64QAM	6	0	18.78	18.77	18.59	20.20
1.4	256QAM	1	0	18.94	18.97	18.64	20.20
1.4	256QAM	1	3	18.83	18.88	18.72	20.20
1.4	256QAM	1	5	18.75	18.93	18.73	20.20
1.4	256QAM	3	0	18.86	18.80	18.69	20.20
1.4	256QAM	3	1	18.91	18.83	18.68	20.20
1.4	256QAM	3	3	18.88	18.89	18.69	20.20
1.4	256QAM	6	0	18.85	18.81	18.66	20.20

【LTE Band 4_Ant 4_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.07	18.13	17.99	18.70
20	QPSK	1	49	17.99	17.94	17.88	18.70
20	QPSK	1	99	17.94	17.94	17.86	18.70
20	QPSK	50	0	18.08	18.11	18.09	18.70
20	QPSK	50	24	17.95	18.05	17.88	18.70
20	QPSK	50	50	17.89	18.03	17.87	18.70
20	QPSK	100	0	17.93	18.04	17.91	18.70
20	16QAM	1	0	17.95	17.97	17.80	18.70
20	16QAM	1	49	17.91	17.94	17.89	18.70
20	16QAM	1	99	17.88	17.95	17.91	18.70
20	16QAM	50	0	17.97	18.05	17.87	18.70
20	16QAM	50	24	17.95	18.03	17.85	18.70
20	16QAM	50	50	17.96	18.01	17.87	18.70
20	16QAM	100	0	17.93	17.93	17.81	18.70
20	64QAM	1	0	17.98	18.02	17.87	18.70
20	64QAM	1	49	17.87	17.95	17.81	18.70
20	64QAM	1	99	17.94	17.98	17.87	18.70
20	64QAM	50	0	17.99	17.95	17.86	18.70
20	64QAM	50	24	17.97	17.95	17.82	18.70
20	64QAM	50	50	17.87	18.05	17.89	18.70
20	64QAM	100	0	17.94	17.96	17.84	18.70
20	256QAM	1	0	17.91	17.98	17.79	18.70
20	256QAM	1	49	17.95	17.99	17.86	18.70
20	256QAM	1	99	17.89	17.96	17.82	18.70
20	256QAM	50	0	17.90	18.03	17.82	18.70
20	256QAM	50	24	17.95	18.02	17.79	18.70
20	256QAM	50	50	17.93	17.96	17.85	18.70
20	256QAM	100	0	17.97	18.04	17.89	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.05	18.02	17.95	18.70
15	QPSK	1	37	17.97	17.86	17.76	18.70
15	QPSK	1	74	17.79	17.82	17.78	18.70
15	QPSK	36	0	18.07	18.02	17.98	18.70
15	QPSK	36	20	17.88	18.03	17.81	18.70
15	QPSK	36	39	17.86	17.97	17.72	18.70
15	QPSK	75	0	17.83	17.89	17.81	18.70
15	16QAM	1	0	17.87	17.93	17.67	18.70
15	16QAM	1	37	17.81	17.82	17.86	18.70
15	16QAM	1	74	17.82	17.82	17.84	18.70
15	16QAM	36	0	17.84	18.04	17.74	18.70
15	16QAM	36	20	17.84	18.01	17.71	18.70
15	16QAM	36	39	17.84	17.98	17.78	18.70
15	16QAM	75	0	17.85	17.85	17.79	18.70
15	64QAM	1	0	17.83	17.88	17.74	18.70
15	64QAM	1	37	17.85	17.84	17.67	18.70
15	64QAM	1	74	17.79	17.84	17.77	18.70
15	64QAM	36	0	17.88	17.93	17.78	18.70
15	64QAM	36	20	17.86	17.86	17.71	18.70
15	64QAM	36	39	17.81	18.03	17.83	18.70
15	64QAM	75	0	17.85	17.95	17.73	18.70
15	256QAM	1	0	17.87	17.94	17.66	18.70
15	256QAM	1	37	17.89	17.97	17.83	18.70
15	256QAM	1	74	17.81	17.83	17.76	18.70
15	256QAM	36	0	17.84	18.00	17.76	18.70
15	256QAM	36	20	17.89	17.88	17.67	18.70
15	256QAM	36	39	17.91	17.91	17.76	18.70
15	256QAM	75	0	17.88	17.90	17.86	18.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.99	18.12	17.88	18.70
10	QPSK	1	25	17.96	17.87	17.84	18.70
10	QPSK	1	49	17.81	17.84	17.83	18.70
10	QPSK	25	0	18.00	18.08	18.05	18.70
10	QPSK	25	12	17.94	17.90	17.82	18.70
10	QPSK	25	25	17.87	17.98	17.84	18.70
10	QPSK	50	0	17.87	17.92	17.77	18.70
10	16QAM	1	0	17.90	17.88	17.73	18.70

10	16QAM	1	25	17.80	17.91	17.76	18.70
10	16QAM	1	49	17.81	17.92	17.86	18.70
10	16QAM	25	0	17.94	18.02	17.80	18.70
10	16QAM	25	12	17.81	17.98	17.76	18.70
10	16QAM	25	25	17.95	17.88	17.73	18.70
10	16QAM	50	0	17.79	17.89	17.79	18.70
10	64QAM	1	0	17.96	17.98	17.75	18.70
10	64QAM	1	25	17.75	17.85	17.80	18.70
10	64QAM	1	49	17.91	17.86	17.84	18.70
10	64QAM	25	0	17.97	17.94	17.81	18.70
10	64QAM	25	12	17.85	17.87	17.78	18.70
10	64QAM	25	25	17.76	17.96	17.82	18.70
10	64QAM	50	0	17.90	17.93	17.78	18.70
10	256QAM	1	0	17.81	17.86	17.73	18.70
10	256QAM	1	25	17.93	17.95	17.78	18.70
10	256QAM	1	49	17.83	17.91	17.77	18.70
10	256QAM	25	0	17.80	17.91	17.78	18.70
10	256QAM	25	12	17.90	17.97	17.67	18.70
10	256QAM	25	25	17.91	17.89	17.76	18.70
10	256QAM	50	0	17.94	17.96	17.84	18.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.94	17.99	17.95	18.70
5	QPSK	1	12	17.87	17.88	17.76	18.70
5	QPSK	1	24	17.89	17.86	17.80	18.70
5	QPSK	12	0	18.00	17.99	18.06	18.70
5	QPSK	12	7	17.86	18.04	17.76	18.70
5	QPSK	12	13	17.76	17.89	17.85	18.70
5	QPSK	25	0	17.82	17.92	17.90	18.70
5	16QAM	1	0	17.91	17.87	17.74	18.70
5	16QAM	1	12	17.86	17.88	17.83	18.70
5	16QAM	1	24	17.78	17.92	17.84	18.70
5	16QAM	12	0	17.88	17.95	17.86	18.70
5	16QAM	12	7	17.83	17.93	17.72	18.70
5	16QAM	12	13	17.90	17.94	17.80	18.70
5	16QAM	25	0	17.90	17.90	17.74	18.70
5	64QAM	1	0	17.88	17.91	17.83	18.70
5	64QAM	1	12	17.72	17.87	17.72	18.70
5	64QAM	1	24	17.93	17.90	17.75	18.70
5	64QAM	12	0	17.86	17.88	17.75	18.70
5	64QAM	12	7	17.93	17.90	17.79	18.70
5	64QAM	12	13	17.78	18.01	17.74	18.70
5	64QAM	25	0	17.93	17.89	17.72	18.70
5	256QAM	1	0	17.88	17.86	17.70	18.70
5	256QAM	1	12	17.88	17.87	17.84	18.70
5	256QAM	1	24	17.83	17.93	17.79	18.70
5	256QAM	12	0	17.81	18.01	17.78	18.70
5	256QAM	12	7	17.88	17.88	17.74	18.70
5	256QAM	12	13	17.87	17.90	17.78	18.70
5	256QAM	25	0	17.91	17.95	17.87	18.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	18.04	18.11	17.91	18.70
3	QPSK	1	8	17.88	17.81	17.83	18.70
3	QPSK	1	14	17.84	17.82	17.73	18.70
3	QPSK	8	0	17.99	18.06	18.05	18.70
3	QPSK	8	4	17.83	17.92	17.79	18.70
3	QPSK	8	7	17.76	17.94	17.84	18.70
3	QPSK	15	0	17.90	17.96	17.76	18.70
3	16QAM	1	0	17.87	17.92	17.73	18.70
3	16QAM	1	8	17.87	17.88	17.82	18.70
3	16QAM	1	14	17.76	17.87	17.79	18.70
3	16QAM	8	0	17.88	17.95	17.81	18.70
3	16QAM	8	4	17.84	17.96	17.83	18.70
3	16QAM	8	7	17.91	17.98	17.82	18.70
3	16QAM	15	0	17.89	17.80	17.75	18.70
3	64QAM	1	0	17.88	17.88	17.79	18.70
3	64QAM	1	8	17.86	17.85	17.68	18.70
3	64QAM	1	14	17.86	17.87	17.85	18.70
3	64QAM	8	0	17.90	17.86	17.78	18.70
3	64QAM	8	4	17.93	17.90	17.69	18.70
3	64QAM	8	7	17.82	18.02	17.79	18.70
3	64QAM	15	0	17.84	17.91	17.70	18.70
3	256QAM	1	0	17.85	17.94	17.66	18.70
3	256QAM	1	8	17.82	17.84	17.81	18.70
3	256QAM	1	14	17.76	17.82	17.79	18.70
3	256QAM	8	0	17.77	18.02	17.69	18.70
3	256QAM	8	4	17.87	17.96	17.78	18.70

3	256QAM	8	7	17.82	17.91	17.81	18.70
3	256QAM	15	0	17.89	18.00	17.81	18.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.98	18.12	17.96	18.70
1.4	QPSK	1	3	17.86	17.82	17.76	18.70
1.4	QPSK	1	5	17.83	17.90	17.82	18.70
1.4	QPSK	3	0	17.94	17.99	18.06	18.70
1.4	QPSK	3	1	17.91	17.94	17.77	18.70
1.4	QPSK	3	3	17.76	17.99	17.80	18.70
1.4	QPSK	6	0	17.89	18.02	17.89	18.70
1.4	16QAM	1	0	17.91	17.93	17.75	18.70
1.4	16QAM	1	3	17.76	17.81	17.87	18.70
1.4	16QAM	1	5	17.76	17.91	17.85	18.70
1.4	16QAM	3	0	17.93	17.94	17.80	18.70
1.4	16QAM	3	1	17.84	17.93	17.72	18.70
1.4	16QAM	3	3	17.93	17.98	17.86	18.70
1.4	16QAM	6	0	17.84	17.83	17.67	18.70
1.4	64QAM	1	0	17.83	17.95	17.85	18.70
1.4	64QAM	1	3	17.82	17.93	17.71	18.70
1.4	64QAM	1	5	17.88	17.97	17.76	18.70
1.4	64QAM	3	0	17.85	17.85	17.71	18.70
1.4	64QAM	3	1	17.88	17.84	17.78	18.70
1.4	64QAM	3	3	17.85	18.00	17.75	18.70
1.4	64QAM	6	0	17.85	17.93	17.77	18.70
1.4	256QAM	1	0	17.85	17.92	17.75	18.70
1.4	256QAM	1	3	17.86	17.98	17.78	18.70
1.4	256QAM	1	5	17.84	17.89	17.79	18.70
1.4	256QAM	3	0	17.89	17.89	17.76	18.70
1.4	256QAM	3	1	17.90	17.87	17.68	18.70
1.4	256QAM	3	3	17.82	17.82	17.82	18.70
1.4	256QAM	6	0	17.87	17.94	17.79	18.70

【LTE Band 4_Ant 5_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.02	24.03	24.01	25.50
20	QPSK	1	49	23.85	23.86	23.88	25.50
20	QPSK	1	99	23.87	23.94	23.79	25.50
20	QPSK	50	0	22.97	23.09	23.08	24.50
20	QPSK	50	24	22.99	23.08	22.93	24.50
20	QPSK	50	50	22.96	23.02	23.00	24.50
20	QPSK	100	0	22.96	22.96	22.89	24.50
20	16QAM	1	0	22.91	22.96	22.90	24.50
20	16QAM	1	49	23.02	23.07	22.96	24.50
20	16QAM	1	99	22.93	23.04	23.00	24.50
20	16QAM	50	0	21.97	21.99	22.05	23.50
20	16QAM	50	24	22.00	22.05	21.95	23.50
20	16QAM	50	50	21.91	21.93	22.02	23.50
20	16QAM	100	0	21.92	22.03	21.97	23.50
20	64QAM	1	0	21.96	22.00	22.04	23.50
20	64QAM	1	49	22.01	21.90	21.99	23.50
20	64QAM	1	99	21.99	22.07	21.96	23.50
20	64QAM	50	0	20.99	21.01	20.95	22.50
20	64QAM	50	24	21.01	21.02	21.02	22.50
20	64QAM	50	50	20.92	20.98	21.07	22.50
20	64QAM	100	0	21.02	20.96	21.01	22.50
20	256QAM	1	0	19.02	19.07	18.99	20.50
20	256QAM	1	49	19.00	18.98	18.94	20.50
20	256QAM	1	99	19.04	19.09	19.06	20.50
20	256QAM	50	0	19.01	19.07	18.95	20.50
20	256QAM	50	24	18.91	19.08	19.01	20.50
20	256QAM	50	50	18.97	18.99	19.06	20.50
20	256QAM	100	0	18.96	19.07	18.94	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.91	23.93	23.87	25.50
15	QPSK	1	37	23.80	23.84	23.84	25.50
15	QPSK	1	74	23.77	23.82	23.69	25.50
15	QPSK	36	0	22.87	23.03	23.05	24.50

15	QPSK	36	20	22.87	23.02	22.89	24.50
15	QPSK	36	39	22.83	22.95	22.86	24.50
15	QPSK	75	0	22.93	22.94	22.75	24.50
15	16QAM	1	0	22.79	22.89	22.76	24.50
15	16QAM	1	37	22.99	22.94	22.86	24.50
15	16QAM	1	74	22.91	22.94	22.88	24.50
15	16QAM	36	0	21.89	21.96	21.97	23.50
15	16QAM	36	20	21.90	22.03	21.84	23.50
15	16QAM	36	39	21.79	21.86	21.91	23.50
15	16QAM	75	0	21.90	21.93	21.85	23.50
15	64QAM	1	0	21.85	21.92	21.92	23.50
15	64QAM	1	37	21.99	21.82	21.91	23.50
15	64QAM	1	74	21.87	21.97	21.88	23.50
15	64QAM	36	0	20.97	20.91	20.80	22.50
15	64QAM	36	20	20.90	20.94	20.93	22.50
15	64QAM	36	39	20.81	20.83	21.03	22.50
15	64QAM	75	0	20.98	20.85	20.94	22.50
15	256QAM	1	0	18.97	19.05	18.87	20.50
15	256QAM	1	37	18.87	18.93	18.87	20.50
15	256QAM	1	74	19.00	18.95	18.96	20.50
15	256QAM	36	0	18.98	18.97	18.90	20.50
15	256QAM	36	20	18.88	19.01	18.96	20.50
15	256QAM	36	39	18.84	18.92	18.93	20.50
15	256QAM	75	0	18.87	18.94	18.81	20.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.88	24.02	23.92	25.50
10	QPSK	1	25	23.83	23.74	23.86	25.50
10	QPSK	1	49	23.75	23.90	23.74	25.50
10	QPSK	25	0	22.87	22.96	22.97	24.50
10	QPSK	25	12	22.90	23.04	22.82	24.50
10	QPSK	25	25	22.85	23.00	22.91	24.50
10	QPSK	50	0	22.91	22.95	22.83	24.50
10	16QAM	1	0	22.88	22.87	22.83	24.50
10	16QAM	1	25	22.94	22.93	22.88	24.50
10	16QAM	1	49	22.91	22.97	22.88	24.50
10	16QAM	25	0	21.93	21.95	21.98	23.50
10	16QAM	25	12	21.85	21.98	21.89	23.50
10	16QAM	25	25	21.76	21.89	21.93	23.50
10	16QAM	50	0	21.90	21.97	21.91	23.50
10	64QAM	1	0	21.89	21.94	21.94	23.50
10	64QAM	1	25	21.99	21.81	21.95	23.50
10	64QAM	1	49	21.87	21.99	21.82	23.50
10	64QAM	25	0	20.86	20.91	20.85	22.50
10	64QAM	25	12	20.93	20.90	20.96	22.50
10	64QAM	25	25	20.80	20.92	20.99	22.50
10	64QAM	50	0	20.91	20.91	20.95	22.50
10	256QAM	1	0	18.89	18.94	18.86	20.50
10	256QAM	1	25	18.95	18.89	18.92	20.50
10	256QAM	1	49	18.99	18.96	18.95	20.50
10	256QAM	25	0	19.00	19.06	18.94	20.50
10	256QAM	25	12	18.78	19.06	18.86	20.50
10	256QAM	25	25	18.92	18.89	18.91	20.50
10	256QAM	50	0	18.82	19.01	18.91	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.01	24.00	23.94	25.50
5	QPSK	1	12	23.71	23.82	23.78	25.50
5	QPSK	1	24	23.83	23.91	23.75	25.50
5	QPSK	12	0	22.88	23.07	22.97	24.50
5	QPSK	12	7	22.96	22.95	22.90	24.50
5	QPSK	12	13	22.92	22.88	22.91	24.50
5	QPSK	25	0	22.88	22.85	22.75	24.50
5	16QAM	1	0	22.85	22.90	22.81	24.50
5	16QAM	1	12	22.97	22.92	22.92	24.50
5	16QAM	1	24	22.86	22.96	22.92	24.50
5	16QAM	12	0	21.93	21.94	21.91	23.50
5	16QAM	12	7	21.89	21.97	21.82	23.50
5	16QAM	12	13	21.85	21.91	21.91	23.50
5	16QAM	25	0	21.88	21.97	21.85	23.50
5	64QAM	1	0	21.82	21.86	21.94	23.50
5	64QAM	1	12	21.89	21.82	21.94	23.50
5	64QAM	1	24	21.91	22.00	21.84	23.50
5	64QAM	12	0	20.90	20.99	20.84	22.50
5	64QAM	12	7	20.97	20.96	20.95	22.50
5	64QAM	12	13	20.82	20.87	20.97	22.50
5	64QAM	25	0	20.94	20.88	20.92	22.50
5	256QAM	1	0	18.87	19.01	18.86	20.50

5	256QAM	1	12	18.97	18.86	18.79	20.50
5	256QAM	1	24	18.94	18.99	18.93	20.50
5	256QAM	12	0	18.95	18.95	18.93	20.50
5	256QAM	12	7	18.88	18.97	18.88	20.50
5	256QAM	12	13	18.93	18.88	18.92	20.50
5	256QAM	25	0	18.88	19.04	18.80	20.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.89	23.96	23.89	25.50
3	QPSK	1	8	23.82	23.76	23.85	25.50
3	QPSK	1	14	23.78	23.92	23.68	25.50
3	QPSK	8	0	22.93	23.07	23.02	24.50
3	QPSK	8	4	22.86	22.99	22.84	24.50
3	QPSK	8	7	22.91	22.96	22.93	24.50
3	QPSK	15	0	22.81	22.94	22.85	24.50
3	16QAM	1	0	22.80	22.83	22.75	24.50
3	16QAM	1	8	23.00	22.93	22.88	24.50
3	16QAM	1	14	22.91	22.94	22.97	24.50
3	16QAM	8	0	21.92	21.86	22.02	23.50
3	16QAM	8	4	21.95	21.99	21.85	23.50
3	16QAM	8	7	21.78	21.85	21.95	23.50
3	16QAM	15	0	21.90	21.97	21.88	23.50
3	64QAM	1	0	21.87	21.99	22.00	23.50
3	64QAM	1	8	21.95	21.78	21.93	23.50
3	64QAM	1	14	21.85	22.00	21.87	23.50
3	64QAM	8	0	20.94	20.88	20.93	22.50
3	64QAM	8	4	20.88	20.89	20.89	22.50
3	64QAM	8	7	20.83	20.92	20.93	22.50
3	64QAM	15	0	20.90	20.82	20.99	22.50
3	256QAM	1	0	18.89	18.99	18.91	20.50
3	256QAM	1	8	18.88	18.94	18.80	20.50
3	256QAM	1	14	18.92	19.00	18.92	20.50
3	256QAM	8	0	18.91	19.03	18.88	20.50
3	256QAM	8	4	18.82	18.99	18.92	20.50
3	256QAM	8	7	18.89	18.93	18.94	20.50
3	256QAM	15	0	18.82	18.92	18.79	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.88	24.00	23.91	25.50
1.4	QPSK	1	3	23.75	23.71	23.83	25.50
1.4	QPSK	1	5	23.83	23.86	23.72	25.50
1.4	QPSK	3	0	23.86	24.06	24.07	25.50
1.4	QPSK	3	1	23.96	23.94	23.85	25.50
1.4	QPSK	3	3	23.93	23.89	23.92	25.50
1.4	QPSK	6	0	22.83	22.82	22.88	24.50
1.4	16QAM	1	0	22.82	22.89	22.76	24.50
1.4	16QAM	1	3	22.94	23.04	22.94	24.50
1.4	16QAM	1	5	22.81	22.97	22.97	24.50
1.4	16QAM	3	0	22.83	22.91	22.96	24.50
1.4	16QAM	3	1	22.90	22.99	22.82	24.50
1.4	16QAM	3	3	22.76	22.89	22.90	24.50
1.4	16QAM	6	0	21.78	21.95	21.94	23.50
1.4	64QAM	1	0	21.84	21.97	22.01	23.50
1.4	64QAM	1	3	21.88	21.87	21.85	23.50
1.4	64QAM	1	5	21.95	22.03	21.83	23.50
1.4	64QAM	3	0	21.86	21.86	21.86	23.50
1.4	64QAM	3	1	21.96	22.00	21.96	23.50
1.4	64QAM	3	3	21.81	21.94	22.06	23.50
1.4	64QAM	6	0	20.90	20.81	20.92	22.50
1.4	256QAM	1	0	18.96	18.93	18.88	20.50
1.4	256QAM	1	3	18.89	18.84	18.86	20.50
1.4	256QAM	1	5	18.95	18.94	19.03	20.50
1.4	256QAM	3	0	18.97	18.93	18.90	20.50
1.4	256QAM	3	1	18.82	18.97	18.91	20.50
1.4	256QAM	3	3	18.83	18.86	18.94	20.50
1.4	256QAM	6	0	18.89	18.93	18.90	20.50

【LTE Band 4_Ant 5_ECI 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	24.02	24.03	24.01	25.50
20	QPSK	1	49	23.85	23.86	23.88	25.50
20	QPSK	1	99	23.87	23.94	23.79	25.50
20	QPSK	50	0	22.97	23.09	23.08	24.50
20	QPSK	50	24	22.99	23.08	22.93	24.50
20	QPSK	50	50	22.96	23.02	23.00	24.50
20	QPSK	100	0	22.96	22.96	22.89	24.50
20	16QAM	1	0	22.91	22.96	22.90	24.50
20	16QAM	1	49	23.02	23.07	22.96	24.50
20	16QAM	1	99	22.93	23.04	23.00	24.50
20	16QAM	50	0	21.97	21.99	22.05	23.50
20	16QAM	50	24	22.00	22.05	21.95	23.50
20	16QAM	50	50	21.91	21.93	22.02	23.50
20	16QAM	100	0	21.92	22.03	21.97	23.50
20	64QAM	1	0	21.96	22.00	22.04	23.50
20	64QAM	1	49	22.01	21.90	21.99	23.50
20	64QAM	1	99	21.99	22.07	21.96	23.50
20	64QAM	50	0	20.99	21.01	20.95	22.50
20	64QAM	50	24	21.01	21.02	21.02	22.50
20	64QAM	50	50	20.92	20.98	21.07	22.50
20	64QAM	100	0	21.02	20.96	21.01	22.50
20	256QAM	1	0	19.02	19.07	18.99	20.50
20	256QAM	1	49	19.00	18.98	18.94	20.50
20	256QAM	1	99	19.04	19.09	19.06	20.50
20	256QAM	50	0	19.01	19.07	18.95	20.50
20	256QAM	50	24	18.91	19.08	19.01	20.50
20	256QAM	50	50	18.97	18.99	19.06	20.50
20	256QAM	100	0	18.96	19.07	18.94	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.91	23.93	23.87	25.50
15	QPSK	1	37	23.80	23.84	23.84	25.50
15	QPSK	1	74	23.77	23.82	23.69	25.50
15	QPSK	36	0	22.87	23.03	23.05	24.50
15	QPSK	36	20	22.87	23.02	22.89	24.50
15	QPSK	36	39	22.83	22.95	22.86	24.50
15	QPSK	75	0	22.93	22.94	22.75	24.50
15	16QAM	1	0	22.79	22.89	22.76	24.50
15	16QAM	1	37	22.99	22.94	22.86	24.50
15	16QAM	1	74	22.91	22.94	22.88	24.50
15	16QAM	36	0	21.89	21.96	21.97	23.50
15	16QAM	36	20	21.90	22.03	21.84	23.50
15	16QAM	36	39	21.79	21.86	21.91	23.50
15	16QAM	75	0	21.90	21.93	21.85	23.50
15	64QAM	1	0	21.85	21.92	21.92	23.50
15	64QAM	1	37	21.99	21.82	21.91	23.50
15	64QAM	1	74	21.87	21.97	21.88	23.50
15	64QAM	36	0	20.97	20.91	20.80	22.50
15	64QAM	36	20	20.90	20.94	20.93	22.50
15	64QAM	36	39	20.81	20.83	21.03	22.50
15	64QAM	75	0	20.98	20.85	20.94	22.50
15	256QAM	1	0	18.97	19.05	18.87	20.50
15	256QAM	1	37	18.87	18.93	18.87	20.50
15	256QAM	1	74	19.00	18.95	18.96	20.50
15	256QAM	36	0	18.98	18.97	18.90	20.50
15	256QAM	36	20	18.88	19.01	18.96	20.50
15	256QAM	36	39	18.84	18.92	18.93	20.50
15	256QAM	75	0	18.87	18.94	18.81	20.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.88	24.02	23.92	25.50
10	QPSK	1	25	23.83	23.74	23.86	25.50
10	QPSK	1	49	23.75	23.90	23.74	25.50
10	QPSK	25	0	22.87	22.96	22.97	24.50
10	QPSK	25	12	22.90	23.04	22.82	24.50
10	QPSK	25	25	22.85	23.00	22.91	24.50
10	QPSK	50	0	22.91	22.95	22.83	24.50
10	16QAM	1	0	22.88	22.87	22.83	24.50

10	16QAM	1	25	22.94	22.93	22.88	24.50
10	16QAM	1	49	22.91	22.97	22.88	24.50
10	16QAM	25	0	21.93	21.95	21.98	23.50
10	16QAM	25	12	21.85	21.98	21.89	23.50
10	16QAM	25	25	21.76	21.89	21.93	23.50
10	16QAM	50	0	21.90	21.97	21.91	23.50
10	64QAM	1	0	21.89	21.94	21.94	23.50
10	64QAM	1	25	21.99	21.81	21.95	23.50
10	64QAM	1	49	21.87	21.99	21.82	23.50
10	64QAM	25	0	20.86	20.91	20.85	22.50
10	64QAM	25	12	20.93	20.90	20.96	22.50
10	64QAM	25	25	20.80	20.92	20.99	22.50
10	64QAM	50	0	20.91	20.91	20.95	22.50
10	256QAM	1	0	18.89	18.94	18.86	20.50
10	256QAM	1	25	18.95	18.89	18.92	20.50
10	256QAM	1	49	18.99	18.96	18.95	20.50
10	256QAM	25	0	19.00	19.06	18.94	20.50
10	256QAM	25	12	18.78	19.06	18.86	20.50
10	256QAM	25	25	18.92	18.89	18.91	20.50
10	256QAM	50	0	18.82	19.01	18.91	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.01	24.00	23.94	25.50
5	QPSK	1	12	23.71	23.82	23.78	25.50
5	QPSK	1	24	23.83	23.91	23.75	25.50
5	QPSK	12	0	22.88	23.07	22.97	24.50
5	QPSK	12	7	22.96	22.95	22.90	24.50
5	QPSK	12	13	22.92	22.88	22.91	24.50
5	QPSK	25	0	22.88	22.85	22.75	24.50
5	16QAM	1	0	22.85	22.90	22.81	24.50
5	16QAM	1	12	22.97	22.92	22.92	24.50
5	16QAM	1	24	22.86	22.96	22.92	24.50
5	16QAM	12	0	21.93	21.94	21.91	23.50
5	16QAM	12	7	21.89	21.97	21.82	23.50
5	16QAM	12	13	21.85	21.91	21.91	23.50
5	16QAM	25	0	21.88	21.97	21.85	23.50
5	64QAM	1	0	21.82	21.86	21.94	23.50
5	64QAM	1	12	21.89	21.82	21.94	23.50
5	64QAM	1	24	21.91	22.00	21.84	23.50
5	64QAM	12	0	20.90	20.99	20.84	22.50
5	64QAM	12	7	20.97	20.96	20.95	22.50
5	64QAM	12	13	20.82	20.87	20.97	22.50
5	64QAM	25	0	20.94	20.88	20.92	22.50
5	256QAM	1	0	18.87	19.01	18.86	20.50
5	256QAM	1	12	18.97	18.86	18.79	20.50
5	256QAM	1	24	18.94	18.99	18.93	20.50
5	256QAM	12	0	18.95	18.95	18.93	20.50
5	256QAM	12	7	18.88	18.97	18.88	20.50
5	256QAM	12	13	18.93	18.88	18.92	20.50
5	256QAM	25	0	18.88	19.04	18.80	20.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.89	23.96	23.89	25.50
3	QPSK	1	8	23.82	23.76	23.85	25.50
3	QPSK	1	14	23.78	23.92	23.68	25.50
3	QPSK	8	0	22.93	23.07	23.02	24.50
3	QPSK	8	4	22.86	22.99	22.84	24.50
3	QPSK	8	7	22.91	22.96	22.93	24.50
3	QPSK	15	0	22.81	22.94	22.85	24.50
3	16QAM	1	0	22.80	22.83	22.75	24.50
3	16QAM	1	8	23.00	22.93	22.88	24.50
3	16QAM	1	14	22.91	22.94	22.97	24.50
3	16QAM	8	0	21.92	21.86	22.02	23.50
3	16QAM	8	4	21.95	21.99	21.85	23.50
3	16QAM	8	7	21.78	21.85	21.95	23.50
3	16QAM	15	0	21.90	21.97	21.88	23.50
3	64QAM	1	0	21.87	21.99	22.00	23.50
3	64QAM	1	8	21.95	21.78	21.93	23.50
3	64QAM	1	14	21.85	22.00	21.87	23.50
3	64QAM	8	0	20.94	20.88	20.93	22.50
3	64QAM	8	4	20.88	20.89	20.89	22.50
3	64QAM	8	7	20.83	20.92	20.93	22.50
3	64QAM	15	0	20.90	20.82	20.99	22.50
3	256QAM	1	0	18.89	18.99	18.91	20.50
3	256QAM	1	8	18.88	18.94	18.80	20.50
3	256QAM	1	14	18.92	19.00	18.92	20.50
3	256QAM	8	0	18.91	19.03	18.88	20.50
3	256QAM	8	4	18.82	18.99	18.92	20.50

3	256QAM	8	7	18.89	18.93	18.94	20.50
3	256QAM	15	0	18.82	18.92	18.79	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.88	24.00	23.91	25.50
1.4	QPSK	1	3	23.75	23.71	23.83	25.50
1.4	QPSK	1	5	23.83	23.86	23.72	25.50
1.4	QPSK	3	0	23.86	24.06	24.07	25.50
1.4	QPSK	3	1	23.96	23.94	23.85	25.50
1.4	QPSK	3	3	23.93	23.89	23.92	25.50
1.4	QPSK	6	0	22.83	22.82	22.88	24.50
1.4	16QAM	1	0	22.82	22.89	22.76	24.50
1.4	16QAM	1	3	22.94	23.04	22.94	24.50
1.4	16QAM	1	5	22.81	22.97	22.97	24.50
1.4	16QAM	3	0	22.83	22.91	22.96	24.50
1.4	16QAM	3	1	22.90	22.99	22.82	24.50
1.4	16QAM	3	3	22.76	22.89	22.90	24.50
1.4	16QAM	6	0	21.78	21.95	21.94	23.50
1.4	64QAM	1	0	21.84	21.97	22.01	23.50
1.4	64QAM	1	3	21.88	21.87	21.85	23.50
1.4	64QAM	1	5	21.95	22.03	21.83	23.50
1.4	64QAM	3	0	21.86	21.86	21.86	23.50
1.4	64QAM	3	1	21.96	22.00	21.96	23.50
1.4	64QAM	3	3	21.81	21.94	22.06	23.50
1.4	64QAM	6	0	20.90	20.81	20.92	22.50
1.4	256QAM	1	0	18.96	18.93	18.88	20.50
1.4	256QAM	1	3	18.89	18.84	18.86	20.50
1.4	256QAM	1	5	18.95	18.94	19.03	20.50
1.4	256QAM	3	0	18.97	18.93	18.90	20.50
1.4	256QAM	3	1	18.82	18.97	18.91	20.50
1.4	256QAM	3	3	18.83	18.86	18.94	20.50
1.4	256QAM	6	0	18.89	18.93	18.90	20.50

【LTE Band 4_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.14	19.16	19.12	20.50
20	QPSK	1	49	19.01	18.98	19.03	20.50
20	QPSK	1	99	19.00	19.05	19.02	20.50
20	QPSK	50	0	19.14	19.15	19.13	20.50
20	QPSK	50	24	19.05	19.04	18.96	20.50
20	QPSK	50	50	19.04	18.96	19.01	20.50
20	QPSK	100	0	19.05	18.98	19.00	20.50
20	16QAM	1	0	19.01	19.02	18.96	20.50
20	16QAM	1	49	19.06	18.97	19.03	20.50
20	16QAM	1	99	18.97	19.05	18.97	20.50
20	16QAM	50	0	18.96	18.98	18.99	20.50
20	16QAM	50	24	19.03	19.04	18.93	20.50
20	16QAM	50	50	18.96	19.04	18.94	20.50
20	16QAM	100	0	19.01	19.04	18.98	20.50
20	64QAM	1	0	18.96	18.98	18.96	20.50
20	64QAM	1	49	19.03	19.01	18.99	20.50
20	64QAM	1	99	18.98	19.04	19.00	20.50
20	64QAM	50	0	18.94	19.05	18.94	20.50
20	64QAM	50	24	18.96	19.00	19.00	20.50
20	64QAM	50	50	18.95	18.96	19.03	20.50
20	64QAM	100	0	19.05	19.06	18.97	20.50
20	256QAM	1	0	19.02	19.07	18.98	20.50
20	256QAM	1	49	18.94	19.04	19.00	20.50
20	256QAM	1	99	18.98	19.00	18.98	20.50
20	256QAM	50	0	18.98	19.04	18.98	20.50
20	256QAM	50	24	19.00	19.00	18.95	20.50
20	256QAM	50	50	19.00	19.00	18.94	20.50
20	256QAM	100	0	19.06	19.03	18.99	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.02	19.10	18.99	20.50
15	QPSK	1	37	18.90	18.92	19.01	20.50
15	QPSK	1	74	18.96	18.99	18.91	20.50
15	QPSK	36	0	19.08	19.12	19.00	20.50

15	QPSK	36	20	18.93	19.00	18.87	20.50
15	QPSK	36	39	18.98	18.89	18.94	20.50
15	QPSK	75	0	19.04	18.89	18.91	20.50
15	16QAM	1	0	18.98	18.97	18.85	20.50
15	16QAM	1	37	18.95	18.87	18.95	20.50
15	16QAM	1	74	18.82	19.03	18.92	20.50
15	16QAM	36	0	18.92	18.83	18.94	20.50
15	16QAM	36	20	18.95	18.91	18.81	20.50
15	16QAM	36	39	18.86	19.01	18.83	20.50
15	16QAM	75	0	18.91	18.94	18.91	20.50
15	64QAM	1	0	18.86	18.96	18.89	20.50
15	64QAM	1	37	18.92	18.88	18.96	20.50
15	64QAM	1	74	18.86	18.89	18.95	20.50
15	64QAM	36	0	18.88	18.97	18.82	20.50
15	64QAM	36	20	18.94	18.93	18.86	20.50
15	64QAM	36	39	18.86	18.94	18.91	20.50
15	64QAM	75	0	18.99	18.95	18.83	20.50
15	256QAM	1	0	18.97	18.99	18.84	20.50
15	256QAM	1	37	18.82	18.97	18.99	20.50
15	256QAM	1	74	18.86	18.89	18.83	20.50
15	256QAM	36	0	18.87	19.00	18.93	20.50
15	256QAM	36	20	18.86	18.92	18.87	20.50
15	256QAM	36	39	18.92	18.90	18.93	20.50
15	256QAM	75	0	18.93	18.90	18.92	20.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	19.02	19.08	19.06	20.50
10	QPSK	1	25	18.90	18.87	19.01	20.50
10	QPSK	1	49	18.89	19.01	18.98	20.50
10	QPSK	25	0	19.00	19.02	19.11	20.50
10	QPSK	25	12	18.93	18.98	18.91	20.50
10	QPSK	25	25	19.00	18.93	18.95	20.50
10	QPSK	50	0	18.97	18.95	18.96	20.50
10	16QAM	1	0	18.88	18.94	18.84	20.50
10	16QAM	1	25	19.02	18.92	18.98	20.50
10	16QAM	1	49	18.87	18.92	18.86	20.50
10	16QAM	25	0	18.94	18.86	18.98	20.50
10	16QAM	25	12	19.00	18.91	18.79	20.50
10	16QAM	25	25	18.94	18.97	18.84	20.50
10	16QAM	50	0	18.94	18.95	18.89	20.50
10	64QAM	1	0	18.82	18.97	18.89	20.50
10	64QAM	1	25	19.02	18.93	18.87	20.50
10	64QAM	1	49	18.96	18.94	18.91	20.50
10	64QAM	25	0	18.82	18.96	18.79	20.50
10	64QAM	25	12	18.81	18.95	18.97	20.50
10	64QAM	25	25	18.93	18.95	18.99	20.50
10	64QAM	50	0	19.00	18.98	18.85	20.50
10	256QAM	1	0	18.94	18.99	18.88	20.50
10	256QAM	1	25	18.91	19.02	18.95	20.50
10	256QAM	1	49	18.92	18.98	18.89	20.50
10	256QAM	25	0	18.95	18.96	18.96	20.50
10	256QAM	25	12	18.95	18.97	18.81	20.50
10	256QAM	25	25	18.95	18.88	18.90	20.50
10	256QAM	50	0	18.98	18.95	18.95	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	19.08	19.13	19.02	20.50
5	QPSK	1	12	18.88	18.97	19.01	20.50
5	QPSK	1	24	18.95	19.03	18.92	20.50
5	QPSK	12	0	19.02	19.00	19.07	20.50
5	QPSK	12	7	19.03	19.00	18.95	20.50
5	QPSK	12	13	18.90	18.81	18.93	20.50
5	QPSK	25	0	19.02	18.96	18.91	20.50
5	16QAM	1	0	18.96	18.93	18.90	20.50
5	16QAM	1	12	19.00	18.93	18.95	20.50
5	16QAM	1	24	18.86	19.01	18.85	20.50
5	16QAM	12	0	18.82	18.84	18.91	20.50
5	16QAM	12	7	18.88	18.98	18.85	20.50
5	16QAM	12	13	18.91	18.93	18.92	20.50
5	16QAM	25	0	18.93	18.94	18.92	20.50
5	64QAM	1	0	18.91	18.93	18.90	20.50
5	64QAM	1	12	18.97	18.88	18.90	20.50
5	64QAM	1	24	18.95	18.95	18.86	20.50
5	64QAM	12	0	18.79	18.96	18.83	20.50
5	64QAM	12	7	18.90	18.87	18.86	20.50
5	64QAM	12	13	18.93	18.89	18.96	20.50
5	64QAM	25	0	18.92	18.96	18.92	20.50
5	256QAM	1	0	18.94	19.02	18.92	20.50

5	256QAM	1	12	18.82	18.91	18.96	20.50
5	256QAM	1	24	18.93	18.93	18.86	20.50
5	256QAM	12	0	18.87	19.03	18.89	20.50
5	256QAM	12	7	18.98	18.89	18.90	20.50
5	256QAM	12	13	18.92	18.92	18.85	20.50
5	256QAM	25	0	19.00	18.96	18.87	20.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.07	19.04	19.10	20.50
3	QPSK	1	8	18.86	18.94	18.90	20.50
3	QPSK	1	14	18.96	18.97	18.99	20.50
3	QPSK	8	0	19.13	19.07	19.03	20.50
3	QPSK	8	4	18.92	18.93	18.85	20.50
3	QPSK	8	7	18.91	18.92	18.87	20.50
3	QPSK	15	0	18.93	18.97	18.98	20.50
3	16QAM	1	0	18.87	18.89	18.87	20.50
3	16QAM	1	8	18.98	18.90	18.95	20.50
3	16QAM	1	14	18.96	19.01	18.82	20.50
3	16QAM	8	0	18.93	18.86	18.86	20.50
3	16QAM	8	4	18.92	18.99	18.90	20.50
3	16QAM	8	7	18.94	19.02	18.85	20.50
3	16QAM	15	0	18.94	18.91	18.95	20.50
3	64QAM	1	0	18.87	18.87	18.90	20.50
3	64QAM	1	8	18.97	18.87	18.92	20.50
3	64QAM	1	14	18.95	19.02	18.86	20.50
3	64QAM	8	0	18.84	18.91	18.93	20.50
3	64QAM	8	4	18.87	18.88	18.96	20.50
3	64QAM	8	7	18.84	18.83	19.00	20.50
3	64QAM	15	0	19.02	18.93	18.88	20.50
3	256QAM	1	0	18.98	19.04	18.93	20.50
3	256QAM	1	8	18.89	19.02	18.98	20.50
3	256QAM	1	14	18.86	18.96	18.97	20.50
3	256QAM	8	0	18.92	18.96	18.95	20.50
3	256QAM	8	4	18.95	18.97	18.86	20.50
3	256QAM	8	7	18.92	18.98	18.90	20.50
3	256QAM	15	0	19.04	18.99	18.97	20.50
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	19.01	19.10	19.11	20.50
1.4	QPSK	1	3	18.92	18.84	18.94	20.50
1.4	QPSK	1	5	18.87	19.00	18.87	20.50
1.4	QPSK	3	0	19.12	19.13	19.12	20.50
1.4	QPSK	3	1	18.91	18.90	18.95	20.50
1.4	QPSK	3	3	18.98	18.92	18.98	20.50
1.4	QPSK	6	0	18.98	18.91	18.88	20.50
1.4	16QAM	1	0	18.93	18.88	18.88	20.50
1.4	16QAM	1	3	19.03	18.93	18.92	20.50
1.4	16QAM	1	5	18.87	19.02	18.91	20.50
1.4	16QAM	3	0	18.85	18.94	18.87	20.50
1.4	16QAM	3	1	18.99	18.97	18.85	20.50
1.4	16QAM	3	3	18.94	18.95	18.89	20.50
1.4	16QAM	6	0	18.99	18.96	18.86	20.50
1.4	64QAM	1	0	18.82	18.96	18.83	20.50
1.4	64QAM	1	3	18.96	18.96	18.91	20.50
1.4	64QAM	1	5	18.97	19.03	18.97	20.50
1.4	64QAM	3	0	18.86	19.01	18.85	20.50
1.4	64QAM	3	1	18.87	18.98	18.98	20.50
1.4	64QAM	3	3	18.90	18.83	18.92	20.50
1.4	64QAM	6	0	19.03	18.96	18.82	20.50
1.4	256QAM	1	0	18.93	19.02	18.89	20.50
1.4	256QAM	1	3	18.86	19.02	18.88	20.50
1.4	256QAM	1	5	18.86	18.93	18.91	20.50
1.4	256QAM	3	0	18.91	18.95	18.87	20.50
1.4	256QAM	3	1	18.87	18.91	18.88	20.50
1.4	256QAM	3	3	18.92	18.99	18.81	20.50
1.4	256QAM	6	0	19.03	18.99	18.94	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				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.14	19.16	19.12	20.50
20	QPSK	1	49	19.01	18.98	19.03	20.50
20	QPSK	1	99	19.00	19.05	19.02	20.50
20	QPSK	50	0	19.14	19.15	19.13	20.50
20	QPSK	50	24	19.05	19.04	18.96	20.50
20	QPSK	50	50	19.04	18.96	19.01	20.50
20	QPSK	100	0	19.05	18.98	19.00	20.50
20	16QAM	1	0	19.01	19.02	18.96	20.50
20	16QAM	1	49	19.06	18.97	19.03	20.50
20	16QAM	1	99	18.97	19.05	18.97	20.50
20	16QAM	50	0	18.96	18.98	18.99	20.50
20	16QAM	50	24	19.03	19.04	18.93	20.50
20	16QAM	50	50	18.96	19.04	18.94	20.50
20	16QAM	100	0	19.01	19.04	18.98	20.50
20	64QAM	1	0	18.96	18.98	18.96	20.50
20	64QAM	1	49	19.03	19.01	18.99	20.50
20	64QAM	1	99	18.98	19.04	19.00	20.50
20	64QAM	50	0	18.94	19.05	18.94	20.50
20	64QAM	50	24	18.96	19.00	19.00	20.50
20	64QAM	50	50	18.95	18.96	19.03	20.50
20	64QAM	100	0	19.05	19.06	18.97	20.50
20	256QAM	1	0	19.02	19.07	18.98	20.50
20	256QAM	1	49	18.94	19.04	19.00	20.50
20	256QAM	1	99	18.98	19.00	18.98	20.50
20	256QAM	50	0	18.98	19.04	18.98	20.50
20	256QAM	50	24	19.00	19.00	18.95	20.50
20	256QAM	50	50	19.00	19.00	18.94	20.50
20	256QAM	100	0	19.06	19.03	18.99	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.02	19.10	18.99	20.50
15	QPSK	1	37	18.90	18.92	19.01	20.50
15	QPSK	1	74	18.96	18.99	18.91	20.50
15	QPSK	36	0	19.08	19.12	19.00	20.50
15	QPSK	36	20	18.93	19.00	18.87	20.50
15	QPSK	36	39	18.98	18.89	18.94	20.50
15	QPSK	75	0	19.04	18.89	18.91	20.50
15	16QAM	1	0	18.98	18.97	18.85	20.50
15	16QAM	1	37	18.95	18.87	18.95	20.50
15	16QAM	1	74	18.82	19.03	18.92	20.50
15	16QAM	36	0	18.92	18.83	18.94	20.50
15	16QAM	36	20	18.95	18.91	18.81	20.50
15	16QAM	36	39	18.86	19.01	18.83	20.50
15	16QAM	75	0	18.91	18.94	18.91	20.50
15	64QAM	1	0	18.86	18.96	18.89	20.50
15	64QAM	1	37	18.92	18.88	18.96	20.50
15	64QAM	1	74	18.86	18.89	18.95	20.50
15	64QAM	36	0	18.88	18.97	18.82	20.50
15	64QAM	36	20	18.94	18.93	18.86	20.50
15	64QAM	36	39	18.86	18.94	18.91	20.50
15	64QAM	75	0	18.99	18.95	18.83	20.50
15	256QAM	1	0	18.97	18.99	18.84	20.50
15	256QAM	1	37	18.82	18.97	18.99	20.50
15	256QAM	1	74	18.86	18.89	18.83	20.50
15	256QAM	36	0	18.87	19.00	18.93	20.50
15	256QAM	36	20	18.86	18.92	18.87	20.50
15	256QAM	36	39	18.92	18.90	18.93	20.50
15	256QAM	75	0	18.93	18.90	18.92	20.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.02	19.08	19.06	20.50
10	QPSK	1	25	18.90	18.87	19.01	20.50
10	QPSK	1	49	18.89	19.01	18.98	20.50
10	QPSK	25	0	19.00	19.02	19.11	20.50
10	QPSK	25	12	18.93	18.98	18.91	20.50
10	QPSK	25	25	19.00	18.93	18.95	20.50
10	QPSK	50	0	18.97	18.95	18.96	20.50
10	16QAM	1	0	18.88	18.94	18.84	20.50
10	16QAM	1	25	19.02	18.92	18.98	20.50

10	16QAM	1	49	18.87	18.92	18.86	20.50
10	16QAM	25	0	18.94	18.86	18.98	20.50
10	16QAM	25	12	19.00	18.91	18.79	20.50
10	16QAM	25	25	18.94	18.97	18.84	20.50
10	16QAM	50	0	18.94	18.95	18.89	20.50
10	64QAM	1	0	18.82	18.97	18.89	20.50
10	64QAM	1	25	19.02	18.93	18.87	20.50
10	64QAM	1	49	18.96	18.94	18.91	20.50
10	64QAM	25	0	18.82	18.96	18.79	20.50
10	64QAM	25	12	18.81	18.95	18.97	20.50
10	64QAM	25	25	18.93	18.95	18.99	20.50
10	64QAM	50	0	19.00	18.98	18.85	20.50
10	256QAM	1	0	18.94	18.99	18.88	20.50
10	256QAM	1	25	18.91	19.02	18.95	20.50
10	256QAM	1	49	18.92	18.98	18.89	20.50
10	256QAM	25	0	18.95	18.96	18.96	20.50
10	256QAM	25	12	18.95	18.97	18.81	20.50
10	256QAM	25	25	18.95	18.88	18.90	20.50
10	256QAM	50	0	18.98	18.95	18.95	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	19.08	19.13	19.02	20.50
5	QPSK	1	12	18.88	18.97	19.01	20.50
5	QPSK	1	24	18.95	19.03	18.92	20.50
5	QPSK	12	0	19.02	19.00	19.07	20.50
5	QPSK	12	7	19.03	19.00	18.95	20.50
5	QPSK	12	13	18.90	18.81	18.93	20.50
5	QPSK	25	0	19.02	18.96	18.91	20.50
5	16QAM	1	0	18.96	18.93	18.90	20.50
5	16QAM	1	12	19.00	18.93	18.95	20.50
5	16QAM	1	24	18.86	19.01	18.85	20.50
5	16QAM	12	0	18.82	18.84	18.91	20.50
5	16QAM	12	7	18.88	18.98	18.85	20.50
5	16QAM	12	13	18.91	18.93	18.92	20.50
5	16QAM	25	0	18.93	18.94	18.92	20.50
5	64QAM	1	0	18.91	18.93	18.90	20.50
5	64QAM	1	12	18.97	18.88	18.90	20.50
5	64QAM	1	24	18.95	18.95	18.86	20.50
5	64QAM	12	0	18.79	18.96	18.83	20.50
5	64QAM	12	7	18.90	18.87	18.86	20.50
5	64QAM	12	13	18.93	18.89	18.96	20.50
5	64QAM	25	0	18.92	18.96	18.92	20.50
5	256QAM	1	0	18.94	19.02	18.92	20.50
5	256QAM	1	12	18.82	18.91	18.96	20.50
5	256QAM	1	24	18.93	18.93	18.86	20.50
5	256QAM	12	0	18.87	19.03	18.89	20.50
5	256QAM	12	7	18.98	18.89	18.90	20.50
5	256QAM	12	13	18.92	18.92	18.85	20.50
5	256QAM	25	0	19.00	18.96	18.87	20.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.07	19.04	19.10	20.50
3	QPSK	1	8	18.86	18.94	18.90	20.50
3	QPSK	1	14	18.96	18.97	18.99	20.50
3	QPSK	8	0	19.13	19.07	19.03	20.50
3	QPSK	8	4	18.92	18.93	18.85	20.50
3	QPSK	8	7	18.91	18.92	18.87	20.50
3	QPSK	15	0	18.93	18.97	18.98	20.50
3	16QAM	1	0	18.87	18.89	18.87	20.50
3	16QAM	1	8	18.98	18.90	18.95	20.50
3	16QAM	1	14	18.96	19.01	18.82	20.50
3	16QAM	8	0	18.93	18.86	18.86	20.50
3	16QAM	8	4	18.92	18.99	18.90	20.50
3	16QAM	8	7	18.94	19.02	18.85	20.50
3	16QAM	15	0	18.94	18.91	18.95	20.50
3	64QAM	1	0	18.87	18.87	18.90	20.50
3	64QAM	1	8	18.97	18.87	18.92	20.50
3	64QAM	1	14	18.95	19.02	18.86	20.50
3	64QAM	8	0	18.84	18.91	18.93	20.50
3	64QAM	8	4	18.87	18.88	18.96	20.50
3	64QAM	8	7	18.84	18.83	19.00	20.50
3	64QAM	15	0	19.02	18.93	18.88	20.50
3	256QAM	1	0	18.98	19.04	18.93	20.50
3	256QAM	1	8	18.89	19.02	18.98	20.50
3	256QAM	1	14	18.86	18.96	18.97	20.50
3	256QAM	8	0	18.92	18.96	18.95	20.50
3	256QAM	8	4	18.95	18.97	18.86	20.50
3	256QAM	8	7	18.92	18.98	18.90	20.50

3	256QAM	15	0	19.04	18.99	18.97	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.01	19.10	19.11	20.50
1.4	QPSK	1	3	18.92	18.84	18.94	20.50
1.4	QPSK	1	5	18.87	19.00	18.87	20.50
1.4	QPSK	3	0	19.12	19.13	19.12	20.50
1.4	QPSK	3	1	18.91	18.90	18.95	20.50
1.4	QPSK	3	3	18.98	18.92	18.98	20.50
1.4	QPSK	6	0	18.98	18.91	18.88	20.50
1.4	16QAM	1	0	18.93	18.88	18.88	20.50
1.4	16QAM	1	3	19.03	18.93	18.92	20.50
1.4	16QAM	1	5	18.87	19.02	18.91	20.50
1.4	16QAM	3	0	18.85	18.94	18.87	20.50
1.4	16QAM	3	1	18.99	18.97	18.85	20.50
1.4	16QAM	3	3	18.94	18.95	18.89	20.50
1.4	16QAM	6	0	18.99	18.96	18.86	20.50
1.4	64QAM	1	0	18.82	18.96	18.83	20.50
1.4	64QAM	1	3	18.96	18.96	18.91	20.50
1.4	64QAM	1	5	18.97	19.03	18.97	20.50
1.4	64QAM	3	0	18.86	19.01	18.85	20.50
1.4	64QAM	3	1	18.87	18.98	18.98	20.50
1.4	64QAM	3	3	18.90	18.83	18.92	20.50
1.4	64QAM	6	0	19.03	18.96	18.82	20.50
1.4	256QAM	1	0	18.93	19.02	18.89	20.50
1.4	256QAM	1	3	18.86	19.02	18.88	20.50
1.4	256QAM	1	5	18.86	18.93	18.91	20.50
1.4	256QAM	3	0	18.91	18.95	18.87	20.50
1.4	256QAM	3	1	18.87	18.91	18.88	20.50
1.4	256QAM	3	3	18.92	18.99	18.81	20.50
1.4	256QAM	6	0	19.03	18.99	18.94	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.14	19.16	19.12	20.50
20	QPSK	1	49	19.01	18.98	19.03	20.50
20	QPSK	1	99	19.00	19.05	19.02	20.50
20	QPSK	50	0	19.14	19.15	19.13	20.50
20	QPSK	50	24	19.05	19.04	18.96	20.50
20	QPSK	50	50	19.04	18.96	19.01	20.50
20	QPSK	100	0	19.05	18.98	19.00	20.50
20	16QAM	1	0	19.01	19.02	18.96	20.50
20	16QAM	1	49	19.06	18.97	19.03	20.50
20	16QAM	1	99	18.97	19.05	18.97	20.50
20	16QAM	50	0	18.96	18.98	18.99	20.50
20	16QAM	50	24	19.03	19.04	18.93	20.50
20	16QAM	50	50	18.96	19.04	18.94	20.50
20	16QAM	100	0	19.01	19.04	18.98	20.50
20	64QAM	1	0	18.96	18.98	18.96	20.50
20	64QAM	1	49	19.03	19.01	18.99	20.50
20	64QAM	1	99	18.98	19.04	19.00	20.50
20	64QAM	50	0	18.94	19.05	18.94	20.50
20	64QAM	50	24	18.96	19.00	19.00	20.50
20	64QAM	50	50	18.95	18.96	19.03	20.50
20	64QAM	100	0	19.05	19.06	18.97	20.50
20	256QAM	1	0	19.02	19.07	18.98	20.50
20	256QAM	1	49	18.94	19.04	19.00	20.50
20	256QAM	1	99	18.98	19.00	18.98	20.50
20	256QAM	50	0	18.98	19.04	18.98	20.50
20	256QAM	50	24	19.00	19.00	18.95	20.50
20	256QAM	50	50	19.00	19.00	18.94	20.50
20	256QAM	100	0	19.06	19.03	18.99	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.02	19.10	18.99	20.50
15	QPSK	1	37	18.90	18.92	19.01	20.50
15	QPSK	1	74	18.96	18.99	18.91	20.50
15	QPSK	36	0	19.08	19.12	19.00	20.50
15	QPSK	36	20	18.93	19.00	18.87	20.50

15	QPSK	36	39	18.98	18.89	18.94	20.50
15	QPSK	75	0	19.04	18.89	18.91	20.50
15	16QAM	1	0	18.98	18.97	18.85	20.50
15	16QAM	1	37	18.95	18.87	18.95	20.50
15	16QAM	1	74	18.82	19.03	18.92	20.50
15	16QAM	36	0	18.92	18.83	18.94	20.50
15	16QAM	36	20	18.95	18.91	18.81	20.50
15	16QAM	36	39	18.86	19.01	18.83	20.50
15	16QAM	75	0	18.91	18.94	18.91	20.50
15	64QAM	1	0	18.86	18.96	18.89	20.50
15	64QAM	1	37	18.92	18.88	18.96	20.50
15	64QAM	1	74	18.86	18.89	18.95	20.50
15	64QAM	36	0	18.88	18.97	18.82	20.50
15	64QAM	36	20	18.94	18.93	18.86	20.50
15	64QAM	36	39	18.86	18.94	18.91	20.50
15	64QAM	75	0	18.99	18.95	18.83	20.50
15	256QAM	1	0	18.97	18.99	18.84	20.50
15	256QAM	1	37	18.82	18.97	18.99	20.50
15	256QAM	1	74	18.86	18.89	18.83	20.50
15	256QAM	36	0	18.87	19.00	18.93	20.50
15	256QAM	36	20	18.86	18.92	18.87	20.50
15	256QAM	36	39	18.92	18.90	18.93	20.50
15	256QAM	75	0	18.93	18.90	18.92	20.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.02	19.08	19.06	20.50
10	QPSK	1	25	18.90	18.87	19.01	20.50
10	QPSK	1	49	18.89	19.01	18.98	20.50
10	QPSK	25	0	19.00	19.02	19.11	20.50
10	QPSK	25	12	18.93	18.98	18.91	20.50
10	QPSK	25	25	19.00	18.93	18.95	20.50
10	QPSK	50	0	18.97	18.95	18.96	20.50
10	16QAM	1	0	18.88	18.94	18.84	20.50
10	16QAM	1	25	19.02	18.92	18.98	20.50
10	16QAM	1	49	18.87	18.92	18.86	20.50
10	16QAM	25	0	18.94	18.86	18.98	20.50
10	16QAM	25	12	19.00	18.91	18.79	20.50
10	16QAM	25	25	18.94	18.97	18.84	20.50
10	16QAM	50	0	18.94	18.95	18.89	20.50
10	64QAM	1	0	18.82	18.97	18.89	20.50
10	64QAM	1	25	19.02	18.93	18.87	20.50
10	64QAM	1	49	18.96	18.94	18.91	20.50
10	64QAM	25	0	18.82	18.96	18.79	20.50
10	64QAM	25	12	18.81	18.95	18.97	20.50
10	64QAM	25	25	18.93	18.95	18.99	20.50
10	64QAM	50	0	19.00	18.98	18.85	20.50
10	256QAM	1	0	18.94	18.99	18.88	20.50
10	256QAM	1	25	18.91	19.02	18.95	20.50
10	256QAM	1	49	18.92	18.98	18.89	20.50
10	256QAM	25	0	18.95	18.96	18.96	20.50
10	256QAM	25	12	18.95	18.97	18.81	20.50
10	256QAM	25	25	18.95	18.88	18.90	20.50
10	256QAM	50	0	18.98	18.95	18.95	20.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.08	19.13	19.02	20.50
5	QPSK	1	12	18.88	18.97	19.01	20.50
5	QPSK	1	24	18.95	19.03	18.92	20.50
5	QPSK	12	0	19.02	19.00	19.07	20.50
5	QPSK	12	7	19.03	19.00	18.95	20.50
5	QPSK	12	13	18.90	18.81	18.93	20.50
5	QPSK	25	0	19.02	18.96	18.91	20.50
5	16QAM	1	0	18.96	18.93	18.90	20.50
5	16QAM	1	12	19.00	18.93	18.95	20.50
5	16QAM	1	24	18.86	19.01	18.85	20.50
5	16QAM	12	0	18.82	18.84	18.91	20.50
5	16QAM	12	7	18.88	18.98	18.85	20.50
5	16QAM	12	13	18.91	18.93	18.92	20.50
5	16QAM	25	0	18.93	18.94	18.92	20.50
5	64QAM	1	0	18.91	18.93	18.90	20.50
5	64QAM	1	12	18.97	18.88	18.90	20.50
5	64QAM	1	24	18.95	18.95	18.86	20.50
5	64QAM	12	0	18.79	18.96	18.83	20.50
5	64QAM	12	7	18.90	18.87	18.86	20.50
5	64QAM	12	13	18.93	18.89	18.96	20.50
5	64QAM	25	0	18.92	18.96	18.92	20.50
5	256QAM	1	0	18.94	19.02	18.92	20.50
5	256QAM	1	12	18.82	18.91	18.96	20.50

5	256QAM	1	24	18.93	18.93	18.86	20.50
5	256QAM	12	0	18.87	19.03	18.89	20.50
5	256QAM	12	7	18.98	18.89	18.90	20.50
5	256QAM	12	13	18.92	18.92	18.85	20.50
5	256QAM	25	0	19.00	18.96	18.87	20.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.07	19.04	19.10	20.50
3	QPSK	1	8	18.86	18.94	18.90	20.50
3	QPSK	1	14	18.96	18.97	18.99	20.50
3	QPSK	8	0	19.13	19.07	19.03	20.50
3	QPSK	8	4	18.92	18.93	18.85	20.50
3	QPSK	8	7	18.91	18.92	18.87	20.50
3	QPSK	15	0	18.93	18.97	18.98	20.50
3	16QAM	1	0	18.87	18.89	18.87	20.50
3	16QAM	1	8	18.98	18.90	18.95	20.50
3	16QAM	1	14	18.96	19.01	18.82	20.50
3	16QAM	8	0	18.93	18.86	18.86	20.50
3	16QAM	8	4	18.92	18.99	18.90	20.50
3	16QAM	8	7	18.94	19.02	18.85	20.50
3	16QAM	15	0	18.94	18.91	18.95	20.50
3	64QAM	1	0	18.87	18.87	18.90	20.50
3	64QAM	1	8	18.97	18.87	18.92	20.50
3	64QAM	1	14	18.95	19.02	18.86	20.50
3	64QAM	8	0	18.84	18.91	18.93	20.50
3	64QAM	8	4	18.87	18.88	18.96	20.50
3	64QAM	8	7	18.84	18.83	19.00	20.50
3	64QAM	15	0	19.02	18.93	18.88	20.50
3	256QAM	1	0	18.98	19.04	18.93	20.50
3	256QAM	1	8	18.89	19.02	18.98	20.50
3	256QAM	1	14	18.86	18.96	18.97	20.50
3	256QAM	8	0	18.92	18.96	18.95	20.50
3	256QAM	8	4	18.95	18.97	18.86	20.50
3	256QAM	8	7	18.92	18.98	18.90	20.50
3	256QAM	15	0	19.04	18.99	18.97	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.01	19.10	19.11	20.50
1.4	QPSK	1	3	18.92	18.84	18.94	20.50
1.4	QPSK	1	5	18.87	19.00	18.87	20.50
1.4	QPSK	3	0	19.12	19.13	19.12	20.50
1.4	QPSK	3	1	18.91	18.90	18.95	20.50
1.4	QPSK	3	3	18.98	18.92	18.98	20.50
1.4	QPSK	6	0	18.98	18.91	18.88	20.50
1.4	16QAM	1	0	18.93	18.88	18.88	20.50
1.4	16QAM	1	3	19.03	18.93	18.92	20.50
1.4	16QAM	1	5	18.87	19.02	18.91	20.50
1.4	16QAM	3	0	18.85	18.94	18.87	20.50
1.4	16QAM	3	1	18.99	18.97	18.85	20.50
1.4	16QAM	3	3	18.94	18.95	18.89	20.50
1.4	16QAM	6	0	18.99	18.96	18.86	20.50
1.4	64QAM	1	0	18.82	18.96	18.83	20.50
1.4	64QAM	1	3	18.96	18.96	18.91	20.50
1.4	64QAM	1	5	18.97	19.03	18.97	20.50
1.4	64QAM	3	0	18.86	19.01	18.85	20.50
1.4	64QAM	3	1	18.87	18.98	18.98	20.50
1.4	64QAM	3	3	18.90	18.83	18.92	20.50
1.4	64QAM	6	0	19.03	18.96	18.82	20.50
1.4	256QAM	1	0	18.93	19.02	18.89	20.50
1.4	256QAM	1	3	18.86	19.02	18.88	20.50
1.4	256QAM	1	5	18.86	18.93	18.91	20.50
1.4	256QAM	3	0	18.91	18.95	18.87	20.50
1.4	256QAM	3	1	18.87	18.91	18.88	20.50
1.4	256QAM	3	3	18.92	18.99	18.81	20.50
1.4	256QAM	6	0	19.03	18.99	18.94	20.50

【LTE Band 5_Ant 0_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.26	24.30	24.27	25.50
10	QPSK	1	25	24.15	24.19	24.15	25.50
10	QPSK	1	49	24.17	24.19	24.13	25.50
10	QPSK	25	0	23.31	23.36	23.33	24.50
10	QPSK	25	12	23.29	23.35	23.24	24.50
10	QPSK	25	25	23.26	23.34	23.30	24.50
10	QPSK	50	0	23.28	23.28	23.22	24.50
10	16QAM	1	0	23.24	23.30	23.23	24.50
10	16QAM	1	25	23.27	23.34	23.26	24.50
10	16QAM	1	49	23.22	23.32	23.24	24.50
10	16QAM	25	0	22.27	22.34	22.29	23.50
10	16QAM	25	12	22.32	22.37	22.29	23.50
10	16QAM	25	25	22.26	22.25	22.25	23.50
10	16QAM	50	0	22.25	22.30	22.27	23.50
10	64QAM	1	0	22.30	22.26	22.30	23.50
10	64QAM	1	25	22.28	22.25	22.28	23.50
10	64QAM	1	49	22.31	22.32	22.27	23.50
10	64QAM	25	0	21.30	21.26	21.23	22.50
10	64QAM	25	12	21.25	21.31	21.27	22.50
10	64QAM	25	25	21.24	21.32	21.32	22.50
10	64QAM	50	0	21.26	21.31	21.30	22.50
10	256QAM	1	0	19.31	19.34	19.32	20.50
10	256QAM	1	25	19.30	19.31	19.24	20.50
10	256QAM	1	49	19.29	19.36	19.30	20.50
10	256QAM	25	0	19.32	19.33	19.26	20.50
10	256QAM	25	12	19.22	19.32	19.29	20.50
10	256QAM	25	25	19.22	19.25	19.30	20.50
10	256QAM	50	0	19.27	19.35	19.25	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.23	24.23	24.20	25.50
5	QPSK	1	12	24.02	24.10	24.06	25.50
5	QPSK	1	24	24.06	24.09	23.99	25.50
5	QPSK	12	0	23.25	23.29	23.28	24.50
5	QPSK	12	7	23.18	23.29	23.19	24.50
5	QPSK	12	13	23.17	23.27	23.18	24.50
5	QPSK	25	0	23.18	23.14	23.07	24.50
5	16QAM	1	0	23.12	23.25	23.16	24.50
5	16QAM	1	12	23.13	23.23	23.25	24.50
5	16QAM	1	24	23.09	23.18	23.16	24.50
5	16QAM	12	0	22.16	22.27	22.15	23.50
5	16QAM	12	7	22.21	22.27	22.20	23.50
5	16QAM	12	13	22.14	22.24	22.17	23.50
5	16QAM	25	0	22.24	22.27	22.19	23.50
5	64QAM	1	0	22.21	22.23	22.28	23.50
5	64QAM	1	12	22.14	22.15	22.24	23.50
5	64QAM	1	24	22.29	22.19	22.25	23.50
5	64QAM	12	0	21.20	21.11	21.11	22.50
5	64QAM	12	7	21.20	21.22	21.20	22.50
5	64QAM	12	13	21.18	21.20	21.18	22.50
5	64QAM	25	0	21.19	21.26	21.29	22.50
5	256QAM	1	0	19.27	19.29	19.24	20.50
5	256QAM	1	12	19.21	19.17	19.21	20.50
5	256QAM	1	24	19.22	19.22	19.24	20.50
5	256QAM	12	0	19.29	19.24	19.14	20.50
5	256QAM	12	7	19.15	19.21	19.21	20.50
5	256QAM	12	13	19.12	19.22	19.17	20.50
5	256QAM	25	0	19.17	19.21	19.15	20.50
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.19	24.18	24.12	25.50
3	QPSK	1	8	24.12	24.13	24.12	25.50
3	QPSK	1	14	24.06	24.08	24.01	25.50
3	QPSK	8	0	23.28	23.22	23.27	24.50
3	QPSK	8	4	23.20	23.32	23.14	24.50
3	QPSK	8	7	23.20	23.22	23.17	24.50
3	QPSK	15	0	23.21	23.25	23.09	24.50
3	16QAM	1	0	23.09	23.18	23.21	24.50
3	16QAM	1	8	23.19	23.25	23.15	24.50

3	16QAM	1	14	23.11	23.29	23.18	24.50
3	16QAM	8	0	22.21	22.21	22.19	23.50
3	16QAM	8	4	22.22	22.26	22.16	23.50
3	16QAM	8	7	22.11	22.12	22.22	23.50
3	16QAM	15	0	22.14	22.25	22.13	23.50
3	64QAM	1	0	22.27	22.24	22.18	23.50
3	64QAM	1	8	22.21	22.22	22.19	23.50
3	64QAM	1	14	22.17	22.21	22.19	23.50
3	64QAM	8	0	21.27	21.17	21.20	22.50
3	64QAM	8	4	21.18	21.20	21.13	22.50
3	64QAM	8	7	21.20	21.25	21.29	22.50
3	64QAM	15	0	21.24	21.22	21.26	22.50
3	256QAM	1	0	19.26	19.27	19.19	20.50
3	256QAM	1	8	19.21	19.16	19.10	20.50
3	256QAM	1	14	19.18	19.31	19.20	20.50
3	256QAM	8	0	19.31	19.25	19.15	20.50
3	256QAM	8	4	19.19	19.20	19.24	20.50
3	256QAM	8	7	19.18	19.12	19.15	20.50
3	256QAM	15	0	19.17	19.28	19.13	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.17	24.19	24.24	25.50
1.4	QPSK	1	3	24.05	24.14	24.02	25.50
1.4	QPSK	1	5	24.06	24.08	24.01	25.50
1.4	QPSK	3	0	24.26	24.29	24.21	25.50
1.4	QPSK	3	1	24.21	24.33	24.11	25.50
1.4	QPSK	3	3	24.12	24.22	24.22	25.50
1.4	QPSK	6	0	23.19	23.18	23.10	24.50
1.4	16QAM	1	0	23.12	23.24	23.17	24.50
1.4	16QAM	1	3	23.21	23.22	23.14	24.50
1.4	16QAM	1	5	23.15	23.28	23.14	24.50
1.4	16QAM	3	0	23.22	23.27	23.27	24.50
1.4	16QAM	3	1	23.26	23.32	23.27	24.50
1.4	16QAM	3	3	23.22	23.23	23.15	24.50
1.4	16QAM	6	0	22.14	22.26	22.25	23.50
1.4	64QAM	1	0	22.21	22.23	22.23	23.50
1.4	64QAM	1	3	22.24	22.14	22.23	23.50
1.4	64QAM	1	5	22.24	22.24	22.25	23.50
1.4	64QAM	3	0	22.26	22.18	22.21	23.50
1.4	64QAM	3	1	22.21	22.22	22.13	23.50
1.4	64QAM	3	3	22.21	22.17	22.28	23.50
1.4	64QAM	6	0	21.13	21.18	21.25	22.50
1.4	256QAM	1	0	19.24	19.24	19.29	20.50
1.4	256QAM	1	3	19.17	19.27	19.21	20.50
1.4	256QAM	1	5	19.20	19.25	19.28	20.50
1.4	256QAM	3	0	19.29	19.28	19.18	20.50
1.4	256QAM	3	1	19.17	19.20	19.19	20.50
1.4	256QAM	3	3	19.14	19.15	19.19	20.50
1.4	256QAM	6	0	19.22	19.33	19.18	20.50

【LTE Band 5_Ant 0_Default-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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.99	24.05	24.03	25.00
10	QPSK	1	25	23.85	23.96	23.90	25.00
10	QPSK	1	49	23.88	23.99	23.88	25.00
10	QPSK	25	0	23.07	23.08	23.01	24.00
10	QPSK	25	12	22.93	23.04	22.96	24.00
10	QPSK	25	25	22.96	23.03	22.88	24.00
10	QPSK	50	0	22.99	23.06	22.90	24.00
10	16QAM	1	0	23.11	23.18	23.05	24.00
10	16QAM	1	25	23.01	23.10	23.06	24.00
10	16QAM	1	49	23.08	23.15	23.12	24.00
10	16QAM	25	0	21.93	22.01	21.92	23.00
10	16QAM	25	12	21.86	22.03	21.90	23.00
10	16QAM	25	25	21.81	22.00	21.92	23.00
10	16QAM	50	0	21.94	22.04	21.91	23.00
10	64QAM	1	0	21.94	22.12	22.04	23.00
10	64QAM	1	25	21.84	22.04	21.98	23.00
10	64QAM	1	49	21.95	22.10	22.02	23.00

10	64QAM	25	0	20.96	21.02	20.85	22.00
10	64QAM	25	12	20.84	21.01	20.88	22.00
10	64QAM	25	25	20.88	21.00	20.85	22.00
10	64QAM	50	0	20.83	21.02	20.90	22.00
10	256QAM	1	0	18.89	18.95	18.90	20.00
10	256QAM	1	25	18.79	18.87	18.73	20.00
10	256QAM	1	49	18.79	18.93	18.84	20.00
10	256QAM	25	0	18.91	19.01	18.92	20.00
10	256QAM	25	12	18.89	19.01	18.90	20.00
10	256QAM	25	25	18.91	19.00	18.97	20.00
10	256QAM	50	0	18.87	19.02	18.95	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	23.87	23.98	24.01	25.00
5	QPSK	1	12	23.77	23.87	23.80	25.00
5	QPSK	1	24	23.74	23.98	23.73	25.00
5	QPSK	12	0	23.03	22.95	22.96	24.00
5	QPSK	12	7	22.81	23.01	22.82	24.00
5	QPSK	12	13	22.81	23.00	22.76	24.00
5	QPSK	25	0	22.88	22.95	22.79	24.00
5	16QAM	1	0	23.02	23.05	22.92	24.00
5	16QAM	1	12	22.92	22.99	22.99	24.00
5	16QAM	1	24	22.99	23.03	22.98	24.00
5	16QAM	12	0	21.84	21.96	21.87	23.00
5	16QAM	12	7	21.83	22.01	21.83	23.00
5	16QAM	12	13	21.68	21.95	21.88	23.00
5	16QAM	25	0	21.84	22.02	21.81	23.00
5	64QAM	1	0	21.82	22.10	22.01	23.00
5	64QAM	1	12	21.77	21.99	21.95	23.00
5	64QAM	1	24	21.89	22.08	21.98	23.00
5	64QAM	12	0	20.81	20.89	20.75	22.00
5	64QAM	12	7	20.80	20.91	20.81	22.00
5	64QAM	12	13	20.80	20.93	20.71	22.00
5	64QAM	25	0	20.70	20.89	20.84	22.00
5	256QAM	1	0	18.76	18.94	18.88	20.00
5	256QAM	1	12	18.75	18.86	18.61	20.00
5	256QAM	1	24	18.76	18.90	18.71	20.00
5	256QAM	12	0	18.85	18.97	18.82	20.00
5	256QAM	12	7	18.79	18.92	18.82	20.00
5	256QAM	12	13	18.89	18.97	18.91	20.00
5	256QAM	25	0	18.84	18.91	18.83	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.97	24.02	23.98	25.00
3	QPSK	1	8	23.80	23.86	23.87	25.00
3	QPSK	1	14	23.83	23.93	23.79	25.00
3	QPSK	8	0	23.01	22.97	22.92	24.00
3	QPSK	8	4	22.85	22.97	22.92	24.00
3	QPSK	8	7	22.89	22.90	22.81	24.00
3	QPSK	15	0	22.91	22.94	22.80	24.00
3	16QAM	1	0	23.09	23.15	23.01	24.00
3	16QAM	1	8	22.94	23.09	23.02	24.00
3	16QAM	1	14	23.03	23.03	23.05	24.00
3	16QAM	8	0	21.81	21.91	21.88	23.00
3	16QAM	8	4	21.83	21.90	21.77	23.00
3	16QAM	8	7	21.73	21.95	21.83	23.00
3	16QAM	15	0	21.86	21.91	21.86	23.00
3	64QAM	1	0	21.89	22.10	22.01	23.00
3	64QAM	1	8	21.79	21.92	21.89	23.00
3	64QAM	1	14	21.82	21.96	21.90	23.00
3	64QAM	8	0	20.82	20.88	20.81	22.00
3	64QAM	8	4	20.82	20.93	20.84	22.00
3	64QAM	8	7	20.81	20.90	20.80	22.00
3	64QAM	15	0	20.77	20.90	20.77	22.00
3	256QAM	1	0	18.86	18.92	18.77	20.00
3	256QAM	1	8	18.68	18.78	18.64	20.00
3	256QAM	1	14	18.75	18.88	18.77	20.00
3	256QAM	8	0	18.83	18.87	18.86	20.00
3	256QAM	8	4	18.80	18.92	18.84	20.00
3	256QAM	8	7	18.88	18.90	18.84	20.00
3	256QAM	15	0	18.80	18.89	18.86	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.90	23.93	24.01	25.00
1.4	QPSK	1	3	23.70	23.82	23.79	25.00
1.4	QPSK	1	5	23.81	23.92	23.83	25.00
1.4	QPSK	3	0	23.98	24.07	23.94	25.00
1.4	QPSK	3	1	23.86	23.97	23.91	25.00

1.4	QPSK	3	3	23.85	23.90	23.86	25.00
1.4	QPSK	6	0	22.94	23.04	22.89	24.00
1.4	16QAM	1	0	22.98	23.05	22.97	24.00
1.4	16QAM	1	3	22.98	23.02	22.93	24.00
1.4	16QAM	1	5	22.96	23.02	23.07	24.00
1.4	16QAM	3	0	22.84	22.99	22.87	24.00
1.4	16QAM	3	1	22.79	22.89	22.80	24.00
1.4	16QAM	3	3	22.69	22.88	22.83	24.00
1.4	16QAM	6	0	21.93	21.91	21.88	23.00
1.4	64QAM	1	0	21.80	22.10	22.00	23.00
1.4	64QAM	1	3	21.80	21.89	21.92	23.00
1.4	64QAM	1	5	21.87	22.02	21.90	23.00
1.4	64QAM	3	0	21.86	21.87	21.83	23.00
1.4	64QAM	3	1	21.82	21.87	21.80	23.00
1.4	64QAM	3	3	21.75	21.96	21.74	23.00
1.4	64QAM	6	0	20.71	20.92	20.79	22.00
1.4	256QAM	1	0	18.79	18.94	18.78	20.00
1.4	256QAM	1	3	18.69	18.84	18.59	20.00
1.4	256QAM	1	5	18.69	18.78	18.78	20.00
1.4	256QAM	3	0	18.82	18.87	18.88	20.00
1.4	256QAM	3	1	18.75	19.00	18.84	20.00
1.4	256QAM	3	3	18.87	18.88	18.92	20.00
1.4	256QAM	6	0	18.78	18.97	18.92	20.00

【LTE Band 5_Ant 0_ECI 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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.26	24.30	24.27	25.50
10	QPSK	1	25	24.15	24.19	24.15	25.50
10	QPSK	1	49	24.17	24.19	24.13	25.50
10	QPSK	25	0	23.31	23.36	23.33	24.50
10	QPSK	25	12	23.29	23.35	23.24	24.50
10	QPSK	25	25	23.26	23.34	23.30	24.50
10	QPSK	50	0	23.28	23.28	23.22	24.50
10	16QAM	1	0	23.24	23.30	23.23	24.50
10	16QAM	1	25	23.27	23.34	23.26	24.50
10	16QAM	1	49	23.22	23.32	23.24	24.50
10	16QAM	25	0	22.27	22.34	22.29	23.50
10	16QAM	25	12	22.32	22.37	22.29	23.50
10	16QAM	25	25	22.26	22.25	22.25	23.50
10	16QAM	50	0	22.25	22.30	22.27	23.50
10	64QAM	1	0	22.30	22.26	22.30	23.50
10	64QAM	1	25	22.28	22.25	22.28	23.50
10	64QAM	1	49	22.31	22.32	22.27	23.50
10	64QAM	25	0	21.30	21.26	21.23	22.50
10	64QAM	25	12	21.25	21.31	21.27	22.50
10	64QAM	25	25	21.24	21.32	21.32	22.50
10	64QAM	50	0	21.26	21.31	21.30	22.50
10	256QAM	1	0	19.31	19.34	19.32	20.50
10	256QAM	1	25	19.30	19.31	19.24	20.50
10	256QAM	1	49	19.29	19.36	19.30	20.50
10	256QAM	25	0	19.32	19.33	19.26	20.50
10	256QAM	25	12	19.22	19.32	19.29	20.50
10	256QAM	25	25	19.22	19.25	19.30	20.50
10	256QAM	50	0	19.27	19.35	19.25	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.23	24.23	24.20	25.50
5	QPSK	1	12	24.02	24.10	24.06	25.50
5	QPSK	1	24	24.06	24.09	23.99	25.50
5	QPSK	12	0	23.25	23.29	23.28	24.50
5	QPSK	12	7	23.18	23.29	23.19	24.50
5	QPSK	12	13	23.17	23.27	23.18	24.50
5	QPSK	25	0	23.18	23.14	23.07	24.50
5	16QAM	1	0	23.12	23.25	23.16	24.50
5	16QAM	1	12	23.13	23.23	23.25	24.50
5	16QAM	1	24	23.09	23.18	23.16	24.50
5	16QAM	12	0	22.16	22.27	22.15	23.50
5	16QAM	12	7	22.21	22.27	22.20	23.50
5	16QAM	12	13	22.14	22.24	22.17	23.50

5	16QAM	25	0	22.24	22.27	22.19	23.50
5	64QAM	1	0	22.21	22.23	22.28	23.50
5	64QAM	1	12	22.14	22.15	22.24	23.50
5	64QAM	1	24	22.29	22.19	22.25	23.50
5	64QAM	12	0	21.20	21.11	21.11	22.50
5	64QAM	12	7	21.20	21.22	21.20	22.50
5	64QAM	12	13	21.18	21.20	21.18	22.50
5	64QAM	25	0	21.19	21.26	21.29	22.50
5	256QAM	1	0	19.27	19.29	19.24	20.50
5	256QAM	1	12	19.21	19.17	19.21	20.50
5	256QAM	1	24	19.22	19.22	19.24	20.50
5	256QAM	12	0	19.29	19.24	19.14	20.50
5	256QAM	12	7	19.15	19.21	19.21	20.50
5	256QAM	12	13	19.12	19.22	19.17	20.50
5	256QAM	25	0	19.17	19.21	19.15	20.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.19	24.18	24.12	25.50
3	QPSK	1	8	24.12	24.13	24.12	25.50
3	QPSK	1	14	24.06	24.08	24.01	25.50
3	QPSK	8	0	23.28	23.22	23.27	24.50
3	QPSK	8	4	23.20	23.32	23.14	24.50
3	QPSK	8	7	23.20	23.22	23.17	24.50
3	QPSK	15	0	23.21	23.25	23.09	24.50
3	16QAM	1	0	23.09	23.18	23.21	24.50
3	16QAM	1	8	23.19	23.25	23.15	24.50
3	16QAM	1	14	23.11	23.29	23.18	24.50
3	16QAM	8	0	22.21	22.21	22.19	23.50
3	16QAM	8	4	22.22	22.26	22.16	23.50
3	16QAM	8	7	22.11	22.12	22.22	23.50
3	16QAM	15	0	22.14	22.25	22.13	23.50
3	64QAM	1	0	22.27	22.24	22.18	23.50
3	64QAM	1	8	22.21	22.22	22.19	23.50
3	64QAM	1	14	22.17	22.21	22.19	23.50
3	64QAM	8	0	21.27	21.17	21.20	22.50
3	64QAM	8	4	21.18	21.20	21.13	22.50
3	64QAM	8	7	21.20	21.25	21.29	22.50
3	64QAM	15	0	21.24	21.22	21.26	22.50
3	256QAM	1	0	19.26	19.27	19.19	20.50
3	256QAM	1	8	19.21	19.16	19.10	20.50
3	256QAM	1	14	19.18	19.31	19.20	20.50
3	256QAM	8	0	19.31	19.25	19.15	20.50
3	256QAM	8	4	19.19	19.20	19.24	20.50
3	256QAM	8	7	19.18	19.12	19.15	20.50
3	256QAM	15	0	19.17	19.28	19.13	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.17	24.19	24.24	25.50
1.4	QPSK	1	3	24.05	24.14	24.02	25.50
1.4	QPSK	1	5	24.06	24.08	24.01	25.50
1.4	QPSK	3	0	24.26	24.29	24.21	25.50
1.4	QPSK	3	1	24.21	24.33	24.11	25.50
1.4	QPSK	3	3	24.12	24.22	24.22	25.50
1.4	QPSK	6	0	23.19	23.18	23.10	24.50
1.4	16QAM	1	0	23.12	23.24	23.17	24.50
1.4	16QAM	1	3	23.21	23.22	23.14	24.50
1.4	16QAM	1	5	23.15	23.28	23.14	24.50
1.4	16QAM	3	0	23.22	23.27	23.27	24.50
1.4	16QAM	3	1	23.26	23.32	23.27	24.50
1.4	16QAM	3	3	23.22	23.23	23.15	24.50
1.4	16QAM	6	0	22.14	22.26	22.25	23.50
1.4	64QAM	1	0	22.21	22.23	22.23	23.50
1.4	64QAM	1	3	22.24	22.14	22.23	23.50
1.4	64QAM	1	5	22.24	22.24	22.25	23.50
1.4	64QAM	3	0	22.26	22.18	22.21	23.50
1.4	64QAM	3	1	22.21	22.22	22.13	23.50
1.4	64QAM	3	3	22.21	22.17	22.28	23.50
1.4	64QAM	6	0	21.13	21.18	21.25	22.50
1.4	256QAM	1	0	19.24	19.24	19.29	20.50
1.4	256QAM	1	3	19.17	19.27	19.21	20.50
1.4	256QAM	1	5	19.20	19.25	19.28	20.50
1.4	256QAM	3	0	19.29	19.28	19.18	20.50
1.4	256QAM	3	1	19.17	19.20	19.19	20.50
1.4	256QAM	3	3	19.14	19.15	19.19	20.50
1.4	256QAM	6	0	19.22	19.33	19.18	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.99	24.05	24.03	25.00
10	QPSK	1	25	23.85	23.96	23.90	25.00
10	QPSK	1	49	23.88	23.99	23.88	25.00
10	QPSK	25	0	23.07	23.08	23.01	24.00
10	QPSK	25	12	22.93	23.04	22.96	24.00
10	QPSK	25	25	22.96	23.03	22.88	24.00
10	QPSK	50	0	22.99	23.06	22.90	24.00
10	16QAM	1	0	23.11	23.18	23.05	24.00
10	16QAM	1	25	23.01	23.10	23.06	24.00
10	16QAM	1	49	23.08	23.15	23.12	24.00
10	16QAM	25	0	21.93	22.01	21.92	23.00
10	16QAM	25	12	21.86	22.03	21.90	23.00
10	16QAM	25	25	21.81	22.00	21.92	23.00
10	16QAM	50	0	21.94	22.04	21.91	23.00
10	64QAM	1	0	21.94	22.12	22.04	23.00
10	64QAM	1	25	21.84	22.04	21.98	23.00
10	64QAM	1	49	21.95	22.10	22.02	23.00
10	64QAM	25	0	20.96	21.02	20.85	22.00
10	64QAM	25	12	20.84	21.01	20.88	22.00
10	64QAM	25	25	20.88	21.00	20.85	22.00
10	64QAM	50	0	20.83	21.02	20.90	22.00
10	256QAM	1	0	18.89	18.95	18.90	20.00
10	256QAM	1	25	18.79	18.87	18.73	20.00
10	256QAM	1	49	18.79	18.93	18.84	20.00
10	256QAM	25	0	18.91	19.01	18.92	20.00
10	256QAM	25	12	18.89	19.01	18.90	20.00
10	256QAM	25	25	18.91	19.00	18.97	20.00
10	256QAM	50	0	18.87	19.02	18.95	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.87	23.98	24.01	25.00
5	QPSK	1	12	23.77	23.87	23.80	25.00
5	QPSK	1	24	23.74	23.98	23.73	25.00
5	QPSK	12	0	23.03	22.95	22.96	24.00
5	QPSK	12	7	22.81	23.01	22.82	24.00
5	QPSK	12	13	22.81	23.00	22.76	24.00
5	QPSK	25	0	22.88	22.95	22.79	24.00
5	16QAM	1	0	23.02	23.05	22.92	24.00
5	16QAM	1	12	22.92	22.99	22.99	24.00
5	16QAM	1	24	22.99	23.03	22.98	24.00
5	16QAM	12	0	21.84	21.96	21.87	23.00
5	16QAM	12	7	21.83	22.01	21.83	23.00
5	16QAM	12	13	21.68	21.95	21.88	23.00
5	16QAM	25	0	21.84	22.02	21.81	23.00
5	64QAM	1	0	21.82	22.10	22.01	23.00
5	64QAM	1	12	21.77	21.99	21.95	23.00
5	64QAM	1	24	21.89	22.08	21.98	23.00
5	64QAM	12	0	20.81	20.89	20.75	22.00
5	64QAM	12	7	20.80	20.91	20.81	22.00
5	64QAM	12	13	20.80	20.93	20.71	22.00
5	64QAM	25	0	20.70	20.89	20.84	22.00
5	256QAM	1	0	18.76	18.94	18.88	20.00
5	256QAM	1	12	18.75	18.86	18.61	20.00
5	256QAM	1	24	18.76	18.90	18.71	20.00
5	256QAM	12	0	18.85	18.97	18.82	20.00
5	256QAM	12	7	18.79	18.92	18.82	20.00
5	256QAM	12	13	18.89	18.97	18.91	20.00
5	256QAM	25	0	18.84	18.91	18.83	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.97	24.02	23.98	25.00
3	QPSK	1	8	23.80	23.86	23.87	25.00
3	QPSK	1	14	23.83	23.93	23.79	25.00
3	QPSK	8	0	23.01	22.97	22.92	24.00
3	QPSK	8	4	22.85	22.97	22.92	24.00
3	QPSK	8	7	22.89	22.90	22.81	24.00
3	QPSK	15	0	22.91	22.94	22.80	24.00
3	16QAM	1	0	23.09	23.15	23.01	24.00
3	16QAM	1	8	22.94	23.09	23.02	24.00

3	16QAM	1	14	23.03	23.03	23.05	24.00
3	16QAM	8	0	21.81	21.91	21.88	23.00
3	16QAM	8	4	21.83	21.90	21.77	23.00
3	16QAM	8	7	21.73	21.95	21.83	23.00
3	16QAM	15	0	21.86	21.91	21.86	23.00
3	64QAM	1	0	21.89	22.10	22.01	23.00
3	64QAM	1	8	21.79	21.92	21.89	23.00
3	64QAM	1	14	21.82	21.96	21.90	23.00
3	64QAM	8	0	20.82	20.88	20.81	22.00
3	64QAM	8	4	20.82	20.93	20.84	22.00
3	64QAM	8	7	20.81	20.90	20.80	22.00
3	64QAM	15	0	20.77	20.90	20.77	22.00
3	256QAM	1	0	18.86	18.92	18.77	20.00
3	256QAM	1	8	18.68	18.78	18.64	20.00
3	256QAM	1	14	18.75	18.88	18.77	20.00
3	256QAM	8	0	18.83	18.87	18.86	20.00
3	256QAM	8	4	18.80	18.92	18.84	20.00
3	256QAM	8	7	18.88	18.90	18.84	20.00
3	256QAM	15	0	18.80	18.89	18.86	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.90	23.93	24.01	25.00
1.4	QPSK	1	3	23.70	23.82	23.79	25.00
1.4	QPSK	1	5	23.81	23.92	23.83	25.00
1.4	QPSK	3	0	23.98	24.07	23.94	25.00
1.4	QPSK	3	1	23.86	23.97	23.91	25.00
1.4	QPSK	3	3	23.85	23.90	23.86	25.00
1.4	QPSK	6	0	22.94	23.04	22.89	24.00
1.4	16QAM	1	0	22.98	23.05	22.97	24.00
1.4	16QAM	1	3	22.98	23.02	22.93	24.00
1.4	16QAM	1	5	22.96	23.02	23.07	24.00
1.4	16QAM	3	0	22.84	22.99	22.87	24.00
1.4	16QAM	3	1	22.79	22.89	22.80	24.00
1.4	16QAM	3	3	22.69	22.88	22.83	24.00
1.4	16QAM	6	0	21.93	21.91	21.88	23.00
1.4	64QAM	1	0	21.80	22.10	22.00	23.00
1.4	64QAM	1	3	21.80	21.89	21.92	23.00
1.4	64QAM	1	5	21.87	22.02	21.90	23.00
1.4	64QAM	3	0	21.86	21.87	21.83	23.00
1.4	64QAM	3	1	21.82	21.87	21.80	23.00
1.4	64QAM	3	3	21.75	21.96	21.74	23.00
1.4	64QAM	6	0	20.71	20.92	20.79	22.00
1.4	256QAM	1	0	18.79	18.94	18.78	20.00
1.4	256QAM	1	3	18.69	18.84	18.59	20.00
1.4	256QAM	1	5	18.69	18.78	18.78	20.00
1.4	256QAM	3	0	18.82	18.87	18.88	20.00
1.4	256QAM	3	1	18.75	19.00	18.84	20.00
1.4	256QAM	3	3	18.87	18.88	18.92	20.00
1.4	256QAM	6	0	18.78	18.97	18.92	20.00

【LTE Band 5_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.26	24.30	24.27	25.50
10	QPSK	1	25	24.15	24.19	24.15	25.50
10	QPSK	1	49	24.17	24.19	24.13	25.50
10	QPSK	25	0	23.31	23.36	23.33	24.50
10	QPSK	25	12	23.29	23.35	23.24	24.50
10	QPSK	25	25	23.26	23.34	23.30	24.50
10	QPSK	50	0	23.28	23.28	23.22	24.50
10	16QAM	1	0	23.24	23.30	23.23	24.50
10	16QAM	1	25	23.27	23.34	23.26	24.50
10	16QAM	1	49	23.22	23.32	23.24	24.50
10	16QAM	25	0	22.27	22.34	22.29	23.50
10	16QAM	25	12	22.32	22.37	22.29	23.50
10	16QAM	25	25	22.26	22.25	22.25	23.50
10	16QAM	50	0	22.25	22.30	22.27	23.50
10	64QAM	1	0	22.30	22.26	22.30	23.50
10	64QAM	1	25	22.28	22.25	22.28	23.50
10	64QAM	1	49	22.31	22.32	22.27	23.50

10	64QAM	25	0	21.30	21.26	21.23	22.50
10	64QAM	25	12	21.25	21.31	21.27	22.50
10	64QAM	25	25	21.24	21.32	21.32	22.50
10	64QAM	50	0	21.26	21.31	21.30	22.50
10	256QAM	1	0	19.31	19.34	19.32	20.50
10	256QAM	1	25	19.30	19.31	19.24	20.50
10	256QAM	1	49	19.29	19.36	19.30	20.50
10	256QAM	25	0	19.32	19.33	19.26	20.50
10	256QAM	25	12	19.22	19.32	19.29	20.50
10	256QAM	25	25	19.22	19.25	19.30	20.50
10	256QAM	50	0	19.27	19.35	19.25	20.50
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	24.23	24.23	24.20	25.50
5	QPSK	1	12	24.02	24.10	24.06	25.50
5	QPSK	1	24	24.06	24.09	23.99	25.50
5	QPSK	12	0	23.25	23.29	23.28	24.50
5	QPSK	12	7	23.18	23.29	23.19	24.50
5	QPSK	12	13	23.17	23.27	23.18	24.50
5	QPSK	25	0	23.18	23.14	23.07	24.50
5	16QAM	1	0	23.12	23.25	23.16	24.50
5	16QAM	1	12	23.13	23.23	23.25	24.50
5	16QAM	1	24	23.09	23.18	23.16	24.50
5	16QAM	12	0	22.16	22.27	22.15	23.50
5	16QAM	12	7	22.21	22.27	22.20	23.50
5	16QAM	12	13	22.14	22.24	22.17	23.50
5	16QAM	25	0	22.24	22.27	22.19	23.50
5	64QAM	1	0	22.21	22.23	22.28	23.50
5	64QAM	1	12	22.14	22.15	22.24	23.50
5	64QAM	1	24	22.29	22.19	22.25	23.50
5	64QAM	12	0	21.20	21.11	21.11	22.50
5	64QAM	12	7	21.20	21.22	21.20	22.50
5	64QAM	12	13	21.18	21.20	21.18	22.50
5	64QAM	25	0	21.19	21.26	21.29	22.50
5	256QAM	1	0	19.27	19.29	19.24	20.50
5	256QAM	1	12	19.21	19.17	19.21	20.50
5	256QAM	1	24	19.22	19.22	19.24	20.50
5	256QAM	12	0	19.29	19.24	19.14	20.50
5	256QAM	12	7	19.15	19.21	19.21	20.50
5	256QAM	12	13	19.12	19.22	19.17	20.50
5	256QAM	25	0	19.17	19.21	19.15	20.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.19	24.18	24.12	25.50
3	QPSK	1	8	24.12	24.13	24.12	25.50
3	QPSK	1	14	24.06	24.08	24.01	25.50
3	QPSK	8	0	23.28	23.22	23.27	24.50
3	QPSK	8	4	23.20	23.32	23.14	24.50
3	QPSK	8	7	23.20	23.22	23.17	24.50
3	QPSK	15	0	23.21	23.25	23.09	24.50
3	16QAM	1	0	23.09	23.18	23.21	24.50
3	16QAM	1	8	23.19	23.25	23.15	24.50
3	16QAM	1	14	23.11	23.29	23.18	24.50
3	16QAM	8	0	22.21	22.21	22.19	23.50
3	16QAM	8	4	22.22	22.26	22.16	23.50
3	16QAM	8	7	22.11	22.12	22.22	23.50
3	16QAM	15	0	22.14	22.25	22.13	23.50
3	64QAM	1	0	22.27	22.24	22.18	23.50
3	64QAM	1	8	22.21	22.22	22.19	23.50
3	64QAM	1	14	22.17	22.21	22.19	23.50
3	64QAM	8	0	21.27	21.17	21.20	22.50
3	64QAM	8	4	21.18	21.20	21.13	22.50
3	64QAM	8	7	21.20	21.25	21.29	22.50
3	64QAM	15	0	21.24	21.22	21.26	22.50
3	256QAM	1	0	19.26	19.27	19.19	20.50
3	256QAM	1	8	19.21	19.16	19.10	20.50
3	256QAM	1	14	19.18	19.31	19.20	20.50
3	256QAM	8	0	19.31	19.25	19.15	20.50
3	256QAM	8	4	19.19	19.20	19.24	20.50
3	256QAM	8	7	19.18	19.12	19.15	20.50
3	256QAM	15	0	19.17	19.28	19.13	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.17	24.19	24.24	25.50
1.4	QPSK	1	3	24.05	24.14	24.02	25.50
1.4	QPSK	1	5	24.06	24.08	24.01	25.50
1.4	QPSK	3	0	24.26	24.29	24.21	25.50
1.4	QPSK	3	1	24.21	24.33	24.11	25.50

1.4	QPSK	3	3	24.12	24.22	24.22	25.50
1.4	QPSK	6	0	23.19	23.18	23.10	24.50
1.4	16QAM	1	0	23.12	23.24	23.17	24.50
1.4	16QAM	1	3	23.21	23.22	23.14	24.50
1.4	16QAM	1	5	23.15	23.28	23.14	24.50
1.4	16QAM	3	0	23.22	23.27	23.27	24.50
1.4	16QAM	3	1	23.26	23.32	23.27	24.50
1.4	16QAM	3	3	23.22	23.23	23.15	24.50
1.4	16QAM	6	0	22.14	22.26	22.25	23.50
1.4	64QAM	1	0	22.21	22.23	22.23	23.50
1.4	64QAM	1	3	22.24	22.14	22.23	23.50
1.4	64QAM	1	5	22.24	22.24	22.25	23.50
1.4	64QAM	3	0	22.26	22.18	22.21	23.50
1.4	64QAM	3	1	22.21	22.22	22.13	23.50
1.4	64QAM	3	3	22.21	22.17	22.28	23.50
1.4	64QAM	6	0	21.13	21.18	21.25	22.50
1.4	256QAM	1	0	19.24	19.24	19.29	20.50
1.4	256QAM	1	3	19.17	19.27	19.21	20.50
1.4	256QAM	1	5	19.20	19.25	19.28	20.50
1.4	256QAM	3	0	19.29	19.28	19.18	20.50
1.4	256QAM	3	1	19.17	19.20	19.19	20.50
1.4	256QAM	3	3	19.14	19.15	19.19	20.50
1.4	256QAM	6	0	19.22	19.33	19.18	20.50

【LTE Band 5_Ant 0_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.99	24.05	24.03	25.00
10	QPSK	1	25	23.85	23.96	23.90	25.00
10	QPSK	1	49	23.88	23.99	23.88	25.00
10	QPSK	25	0	23.07	23.08	23.01	24.00
10	QPSK	25	12	22.93	23.04	22.96	24.00
10	QPSK	25	25	22.96	23.03	22.88	24.00
10	QPSK	50	0	22.99	23.06	22.90	24.00
10	16QAM	1	0	23.11	23.18	23.05	24.00
10	16QAM	1	25	23.01	23.10	23.06	24.00
10	16QAM	1	49	23.08	23.15	23.12	24.00
10	16QAM	25	0	21.93	22.01	21.92	23.00
10	16QAM	25	12	21.86	22.03	21.90	23.00
10	16QAM	25	25	21.81	22.00	21.92	23.00
10	16QAM	50	0	21.94	22.04	21.91	23.00
10	64QAM	1	0	21.94	22.12	22.04	23.00
10	64QAM	1	25	21.84	22.04	21.98	23.00
10	64QAM	1	49	21.95	22.10	22.02	23.00
10	64QAM	25	0	20.96	21.02	20.85	22.00
10	64QAM	25	12	20.84	21.01	20.88	22.00
10	64QAM	25	25	20.88	21.00	20.85	22.00
10	64QAM	50	0	20.83	21.02	20.90	22.00
10	256QAM	1	0	18.89	18.95	18.90	20.00
10	256QAM	1	25	18.79	18.87	18.73	20.00
10	256QAM	1	49	18.79	18.93	18.84	20.00
10	256QAM	25	0	18.91	19.01	18.92	20.00
10	256QAM	25	12	18.89	19.01	18.90	20.00
10	256QAM	25	25	18.91	19.00	18.97	20.00
10	256QAM	50	0	18.87	19.02	18.95	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.87	23.98	24.01	25.00
5	QPSK	1	12	23.77	23.87	23.80	25.00
5	QPSK	1	24	23.74	23.98	23.73	25.00
5	QPSK	12	0	23.03	22.95	22.96	24.00
5	QPSK	12	7	22.81	23.01	22.82	24.00
5	QPSK	12	13	22.81	23.00	22.76	24.00
5	QPSK	25	0	22.88	22.95	22.79	24.00
5	16QAM	1	0	23.02	23.05	22.92	24.00
5	16QAM	1	12	22.92	22.99	22.99	24.00
5	16QAM	1	24	22.99	23.03	22.98	24.00
5	16QAM	12	0	21.84	21.96	21.87	23.00
5	16QAM	12	7	21.83	22.01	21.83	23.00
5	16QAM	12	13	21.68	21.95	21.88	23.00

5	16QAM	25	0	21.84	22.02	21.81	23.00
5	64QAM	1	0	21.82	22.10	22.01	23.00
5	64QAM	1	12	21.77	21.99	21.95	23.00
5	64QAM	1	24	21.89	22.08	21.98	23.00
5	64QAM	12	0	20.81	20.89	20.75	22.00
5	64QAM	12	7	20.80	20.91	20.81	22.00
5	64QAM	12	13	20.80	20.93	20.71	22.00
5	64QAM	25	0	20.70	20.89	20.84	22.00
5	256QAM	1	0	18.76	18.94	18.88	20.00
5	256QAM	1	12	18.75	18.86	18.61	20.00
5	256QAM	1	24	18.76	18.90	18.71	20.00
5	256QAM	12	0	18.85	18.97	18.82	20.00
5	256QAM	12	7	18.79	18.92	18.82	20.00
5	256QAM	12	13	18.89	18.97	18.91	20.00
5	256QAM	25	0	18.84	18.91	18.83	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.97	24.02	23.98	25.00
3	QPSK	1	8	23.80	23.86	23.87	25.00
3	QPSK	1	14	23.83	23.93	23.79	25.00
3	QPSK	8	0	23.01	22.97	22.92	24.00
3	QPSK	8	4	22.85	22.97	22.92	24.00
3	QPSK	8	7	22.89	22.90	22.81	24.00
3	QPSK	15	0	22.91	22.94	22.80	24.00
3	16QAM	1	0	23.09	23.15	23.01	24.00
3	16QAM	1	8	22.94	23.09	23.02	24.00
3	16QAM	1	14	23.03	23.03	23.05	24.00
3	16QAM	8	0	21.81	21.91	21.88	23.00
3	16QAM	8	4	21.83	21.90	21.77	23.00
3	16QAM	8	7	21.73	21.95	21.83	23.00
3	16QAM	15	0	21.86	21.91	21.86	23.00
3	64QAM	1	0	21.89	22.10	22.01	23.00
3	64QAM	1	8	21.79	21.92	21.89	23.00
3	64QAM	1	14	21.82	21.96	21.90	23.00
3	64QAM	8	0	20.82	20.88	20.81	22.00
3	64QAM	8	4	20.82	20.93	20.84	22.00
3	64QAM	8	7	20.81	20.90	20.80	22.00
3	64QAM	15	0	20.77	20.90	20.77	22.00
3	256QAM	1	0	18.86	18.92	18.77	20.00
3	256QAM	1	8	18.68	18.78	18.64	20.00
3	256QAM	1	14	18.75	18.88	18.77	20.00
3	256QAM	8	0	18.83	18.87	18.86	20.00
3	256QAM	8	4	18.80	18.92	18.84	20.00
3	256QAM	8	7	18.88	18.90	18.84	20.00
3	256QAM	15	0	18.80	18.89	18.86	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.90	23.93	24.01	25.00
1.4	QPSK	1	3	23.70	23.82	23.79	25.00
1.4	QPSK	1	5	23.81	23.92	23.83	25.00
1.4	QPSK	3	0	23.98	24.07	23.94	25.00
1.4	QPSK	3	1	23.86	23.97	23.91	25.00
1.4	QPSK	3	3	23.85	23.90	23.86	25.00
1.4	QPSK	6	0	22.94	23.04	22.89	24.00
1.4	16QAM	1	0	22.98	23.05	22.97	24.00
1.4	16QAM	1	3	22.98	23.02	22.93	24.00
1.4	16QAM	1	5	22.96	23.02	23.07	24.00
1.4	16QAM	3	0	22.84	22.99	22.87	24.00
1.4	16QAM	3	1	22.79	22.89	22.80	24.00
1.4	16QAM	3	3	22.69	22.88	22.83	24.00
1.4	16QAM	6	0	21.93	21.91	21.88	23.00
1.4	64QAM	1	0	21.80	22.10	22.00	23.00
1.4	64QAM	1	3	21.80	21.89	21.92	23.00
1.4	64QAM	1	5	21.87	22.02	21.90	23.00
1.4	64QAM	3	0	21.86	21.87	21.83	23.00
1.4	64QAM	3	1	21.82	21.87	21.80	23.00
1.4	64QAM	3	3	21.75	21.96	21.74	23.00
1.4	64QAM	6	0	20.71	20.92	20.79	22.00
1.4	256QAM	1	0	18.79	18.94	18.78	20.00
1.4	256QAM	1	3	18.69	18.84	18.59	20.00
1.4	256QAM	1	5	18.69	18.78	18.78	20.00
1.4	256QAM	3	0	18.82	18.87	18.88	20.00
1.4	256QAM	3	1	18.75	19.00	18.84	20.00
1.4	256QAM	3	3	18.87	18.88	18.92	20.00
1.4	256QAM	6	0	18.78	18.97	18.92	20.00

【LTE Band 5_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.26	24.30	24.27	25.50
10	QPSK	1	25	24.15	24.19	24.15	25.50
10	QPSK	1	49	24.17	24.19	24.13	25.50
10	QPSK	25	0	23.31	23.36	23.33	24.50
10	QPSK	25	12	23.29	23.35	23.24	24.50
10	QPSK	25	25	23.26	23.34	23.30	24.50
10	QPSK	50	0	23.28	23.28	23.22	24.50
10	16QAM	1	0	23.24	23.30	23.23	24.50
10	16QAM	1	25	23.27	23.34	23.26	24.50
10	16QAM	1	49	23.22	23.32	23.24	24.50
10	16QAM	25	0	22.27	22.34	22.29	23.50
10	16QAM	25	12	22.32	22.37	22.29	23.50
10	16QAM	25	25	22.26	22.25	22.25	23.50
10	16QAM	50	0	22.25	22.30	22.27	23.50
10	64QAM	1	0	22.30	22.26	22.30	23.50
10	64QAM	1	25	22.28	22.25	22.28	23.50
10	64QAM	1	49	22.31	22.32	22.27	23.50
10	64QAM	25	0	21.30	21.26	21.23	22.50
10	64QAM	25	12	21.25	21.31	21.27	22.50
10	64QAM	25	25	21.24	21.32	21.32	22.50
10	64QAM	50	0	21.26	21.31	21.30	22.50
10	256QAM	1	0	19.31	19.34	19.32	20.50
10	256QAM	1	25	19.30	19.31	19.24	20.50
10	256QAM	1	49	19.29	19.36	19.30	20.50
10	256QAM	25	0	19.32	19.33	19.26	20.50
10	256QAM	25	12	19.22	19.32	19.29	20.50
10	256QAM	25	25	19.22	19.25	19.30	20.50
10	256QAM	50	0	19.27	19.35	19.25	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.23	24.23	24.20	25.50
5	QPSK	1	12	24.02	24.10	24.06	25.50
5	QPSK	1	24	24.06	24.09	23.99	25.50
5	QPSK	12	0	23.25	23.29	23.28	24.50
5	QPSK	12	7	23.18	23.29	23.19	24.50
5	QPSK	12	13	23.17	23.27	23.18	24.50
5	QPSK	25	0	23.18	23.14	23.07	24.50
5	16QAM	1	0	23.12	23.25	23.16	24.50
5	16QAM	1	12	23.13	23.23	23.25	24.50
5	16QAM	1	24	23.09	23.18	23.16	24.50
5	16QAM	12	0	22.16	22.27	22.15	23.50
5	16QAM	12	7	22.21	22.27	22.20	23.50
5	16QAM	12	13	22.14	22.24	22.17	23.50
5	16QAM	25	0	22.24	22.27	22.19	23.50
5	64QAM	1	0	22.21	22.23	22.28	23.50
5	64QAM	1	12	22.14	22.15	22.24	23.50
5	64QAM	1	24	22.29	22.19	22.25	23.50
5	64QAM	12	0	21.20	21.11	21.11	22.50
5	64QAM	12	7	21.20	21.22	21.20	22.50
5	64QAM	12	13	21.18	21.20	21.18	22.50
5	64QAM	25	0	21.19	21.26	21.29	22.50
5	256QAM	1	0	19.27	19.29	19.24	20.50
5	256QAM	1	12	19.21	19.17	19.21	20.50
5	256QAM	1	24	19.22	19.22	19.24	20.50
5	256QAM	12	0	19.29	19.24	19.14	20.50
5	256QAM	12	7	19.15	19.21	19.21	20.50
5	256QAM	12	13	19.12	19.22	19.17	20.50
5	256QAM	25	0	19.17	19.21	19.15	20.50
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.19	24.18	24.12	25.50
3	QPSK	1	8	24.12	24.13	24.12	25.50
3	QPSK	1	14	24.06	24.08	24.01	25.50
3	QPSK	8	0	23.28	23.22	23.27	24.50
3	QPSK	8	4	23.20	23.32	23.14	24.50
3	QPSK	8	7	23.20	23.22	23.17	24.50
3	QPSK	15	0	23.21	23.25	23.09	24.50
3	16QAM	1	0	23.09	23.18	23.21	24.50
3	16QAM	1	8	23.19	23.25	23.15	24.50

3	16QAM	1	14	23.11	23.29	23.18	24.50
3	16QAM	8	0	22.21	22.21	22.19	23.50
3	16QAM	8	4	22.22	22.26	22.16	23.50
3	16QAM	8	7	22.11	22.12	22.22	23.50
3	16QAM	15	0	22.14	22.25	22.13	23.50
3	64QAM	1	0	22.27	22.24	22.18	23.50
3	64QAM	1	8	22.21	22.22	22.19	23.50
3	64QAM	1	14	22.17	22.21	22.19	23.50
3	64QAM	8	0	21.27	21.17	21.20	22.50
3	64QAM	8	4	21.18	21.20	21.13	22.50
3	64QAM	8	7	21.20	21.25	21.29	22.50
3	64QAM	15	0	21.24	21.22	21.26	22.50
3	256QAM	1	0	19.26	19.27	19.19	20.50
3	256QAM	1	8	19.21	19.16	19.10	20.50
3	256QAM	1	14	19.18	19.31	19.20	20.50
3	256QAM	8	0	19.31	19.25	19.15	20.50
3	256QAM	8	4	19.19	19.20	19.24	20.50
3	256QAM	8	7	19.18	19.12	19.15	20.50
3	256QAM	15	0	19.17	19.28	19.13	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.17	24.19	24.24	25.50
1.4	QPSK	1	3	24.05	24.14	24.02	25.50
1.4	QPSK	1	5	24.06	24.08	24.01	25.50
1.4	QPSK	3	0	24.26	24.29	24.21	25.50
1.4	QPSK	3	1	24.21	24.33	24.11	25.50
1.4	QPSK	3	3	24.12	24.22	24.22	25.50
1.4	QPSK	6	0	23.19	23.18	23.10	24.50
1.4	16QAM	1	0	23.12	23.24	23.17	24.50
1.4	16QAM	1	3	23.21	23.22	23.14	24.50
1.4	16QAM	1	5	23.15	23.28	23.14	24.50
1.4	16QAM	3	0	23.22	23.27	23.27	24.50
1.4	16QAM	3	1	23.26	23.32	23.27	24.50
1.4	16QAM	3	3	23.22	23.23	23.15	24.50
1.4	16QAM	6	0	22.14	22.26	22.25	23.50
1.4	64QAM	1	0	22.21	22.23	22.23	23.50
1.4	64QAM	1	3	22.24	22.14	22.23	23.50
1.4	64QAM	1	5	22.24	22.24	22.25	23.50
1.4	64QAM	3	0	22.26	22.18	22.21	23.50
1.4	64QAM	3	1	22.21	22.22	22.13	23.50
1.4	64QAM	3	3	22.21	22.17	22.28	23.50
1.4	64QAM	6	0	21.13	21.18	21.25	22.50
1.4	256QAM	1	0	19.24	19.24	19.29	20.50
1.4	256QAM	1	3	19.17	19.27	19.21	20.50
1.4	256QAM	1	5	19.20	19.25	19.28	20.50
1.4	256QAM	3	0	19.29	19.28	19.18	20.50
1.4	256QAM	3	1	19.17	19.20	19.19	20.50
1.4	256QAM	3	3	19.14	19.15	19.19	20.50
1.4	256QAM	6	0	19.22	19.33	19.18	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.99	24.05	24.03	25.00
10	QPSK	1	25	23.85	23.96	23.90	25.00
10	QPSK	1	49	23.88	23.99	23.88	25.00
10	QPSK	25	0	23.07	23.08	23.01	24.00
10	QPSK	25	12	22.93	23.04	22.96	24.00
10	QPSK	25	25	22.96	23.03	22.88	24.00
10	QPSK	50	0	22.99	23.06	22.90	24.00
10	16QAM	1	0	23.11	23.18	23.05	24.00
10	16QAM	1	25	23.01	23.10	23.06	24.00
10	16QAM	1	49	23.08	23.15	23.12	24.00
10	16QAM	25	0	21.93	22.01	21.92	23.00
10	16QAM	25	12	21.86	22.03	21.90	23.00
10	16QAM	25	25	21.81	22.00	21.92	23.00
10	16QAM	50	0	21.94	22.04	21.91	23.00
10	64QAM	1	0	21.94	22.12	22.04	23.00
10	64QAM	1	25	21.84	22.04	21.98	23.00
10	64QAM	1	49	21.95	22.10	22.02	23.00

10	64QAM	25	0	20.96	21.02	20.85	22.00
10	64QAM	25	12	20.84	21.01	20.88	22.00
10	64QAM	25	25	20.88	21.00	20.85	22.00
10	64QAM	50	0	20.83	21.02	20.90	22.00
10	256QAM	1	0	18.89	18.95	18.90	20.00
10	256QAM	1	25	18.79	18.87	18.73	20.00
10	256QAM	1	49	18.79	18.93	18.84	20.00
10	256QAM	25	0	18.91	19.01	18.92	20.00
10	256QAM	25	12	18.89	19.01	18.90	20.00
10	256QAM	25	25	18.91	19.00	18.97	20.00
10	256QAM	50	0	18.87	19.02	18.95	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	23.87	23.98	24.01	25.00
5	QPSK	1	12	23.77	23.87	23.80	25.00
5	QPSK	1	24	23.74	23.98	23.73	25.00
5	QPSK	12	0	23.03	22.95	22.96	24.00
5	QPSK	12	7	22.81	23.01	22.82	24.00
5	QPSK	12	13	22.81	23.00	22.76	24.00
5	QPSK	25	0	22.88	22.95	22.79	24.00
5	16QAM	1	0	23.02	23.05	22.92	24.00
5	16QAM	1	12	22.92	22.99	22.99	24.00
5	16QAM	1	24	22.99	23.03	22.98	24.00
5	16QAM	12	0	21.84	21.96	21.87	23.00
5	16QAM	12	7	21.83	22.01	21.83	23.00
5	16QAM	12	13	21.68	21.95	21.88	23.00
5	16QAM	25	0	21.84	22.02	21.81	23.00
5	64QAM	1	0	21.82	22.10	22.01	23.00
5	64QAM	1	12	21.77	21.99	21.95	23.00
5	64QAM	1	24	21.89	22.08	21.98	23.00
5	64QAM	12	0	20.81	20.89	20.75	22.00
5	64QAM	12	7	20.80	20.91	20.81	22.00
5	64QAM	12	13	20.80	20.93	20.71	22.00
5	64QAM	25	0	20.70	20.89	20.84	22.00
5	256QAM	1	0	18.76	18.94	18.88	20.00
5	256QAM	1	12	18.75	18.86	18.61	20.00
5	256QAM	1	24	18.76	18.90	18.71	20.00
5	256QAM	12	0	18.85	18.97	18.82	20.00
5	256QAM	12	7	18.79	18.92	18.82	20.00
5	256QAM	12	13	18.89	18.97	18.91	20.00
5	256QAM	25	0	18.84	18.91	18.83	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.97	24.02	23.98	25.00
3	QPSK	1	8	23.80	23.86	23.87	25.00
3	QPSK	1	14	23.83	23.93	23.79	25.00
3	QPSK	8	0	23.01	22.97	22.92	24.00
3	QPSK	8	4	22.85	22.97	22.92	24.00
3	QPSK	8	7	22.89	22.90	22.81	24.00
3	QPSK	15	0	22.91	22.94	22.80	24.00
3	16QAM	1	0	23.09	23.15	23.01	24.00
3	16QAM	1	8	22.94	23.09	23.02	24.00
3	16QAM	1	14	23.03	23.03	23.05	24.00
3	16QAM	8	0	21.81	21.91	21.88	23.00
3	16QAM	8	4	21.83	21.90	21.77	23.00
3	16QAM	8	7	21.73	21.95	21.83	23.00
3	16QAM	15	0	21.86	21.91	21.86	23.00
3	64QAM	1	0	21.89	22.10	22.01	23.00
3	64QAM	1	8	21.79	21.92	21.89	23.00
3	64QAM	1	14	21.82	21.96	21.90	23.00
3	64QAM	8	0	20.82	20.88	20.81	22.00
3	64QAM	8	4	20.82	20.93	20.84	22.00
3	64QAM	8	7	20.81	20.90	20.80	22.00
3	64QAM	15	0	20.77	20.90	20.77	22.00
3	256QAM	1	0	18.86	18.92	18.77	20.00
3	256QAM	1	8	18.68	18.78	18.64	20.00
3	256QAM	1	14	18.75	18.88	18.77	20.00
3	256QAM	8	0	18.83	18.87	18.86	20.00
3	256QAM	8	4	18.80	18.92	18.84	20.00
3	256QAM	8	7	18.88	18.90	18.84	20.00
3	256QAM	15	0	18.80	18.89	18.86	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.90	23.93	24.01	25.00
1.4	QPSK	1	3	23.70	23.82	23.79	25.00
1.4	QPSK	1	5	23.81	23.92	23.83	25.00
1.4	QPSK	3	0	23.98	24.07	23.94	25.00
1.4	QPSK	3	1	23.86	23.97	23.91	25.00

1.4	QPSK	3	3	23.85	23.90	23.86	25.00
1.4	QPSK	6	0	22.94	23.04	22.89	24.00
1.4	16QAM	1	0	22.98	23.05	22.97	24.00
1.4	16QAM	1	3	22.98	23.02	22.93	24.00
1.4	16QAM	1	5	22.96	23.02	23.07	24.00
1.4	16QAM	3	0	22.84	22.99	22.87	24.00
1.4	16QAM	3	1	22.79	22.89	22.80	24.00
1.4	16QAM	3	3	22.69	22.88	22.83	24.00
1.4	16QAM	6	0	21.93	21.91	21.88	23.00
1.4	64QAM	1	0	21.80	22.10	22.00	23.00
1.4	64QAM	1	3	21.80	21.89	21.92	23.00
1.4	64QAM	1	5	21.87	22.02	21.90	23.00
1.4	64QAM	3	0	21.86	21.87	21.83	23.00
1.4	64QAM	3	1	21.82	21.87	21.80	23.00
1.4	64QAM	3	3	21.75	21.96	21.74	23.00
1.4	64QAM	6	0	20.71	20.92	20.79	22.00
1.4	256QAM	1	0	18.79	18.94	18.78	20.00
1.4	256QAM	1	3	18.69	18.84	18.59	20.00
1.4	256QAM	1	5	18.69	18.78	18.78	20.00
1.4	256QAM	3	0	18.82	18.87	18.88	20.00
1.4	256QAM	3	1	18.75	19.00	18.84	20.00
1.4	256QAM	3	3	18.87	18.88	18.92	20.00
1.4	256QAM	6	0	18.78	18.97	18.92	20.00

【LTE Band 5_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.26	24.30	24.27	25.50
10	QPSK	1	25	24.15	24.19	24.15	25.50
10	QPSK	1	49	24.17	24.19	24.13	25.50
10	QPSK	25	0	23.31	23.36	23.33	24.50
10	QPSK	25	12	23.29	23.35	23.24	24.50
10	QPSK	25	25	23.26	23.34	23.30	24.50
10	QPSK	50	0	23.28	23.28	23.22	24.50
10	16QAM	1	0	23.24	23.30	23.23	24.50
10	16QAM	1	25	23.27	23.34	23.26	24.50
10	16QAM	1	49	23.22	23.32	23.24	24.50
10	16QAM	25	0	22.27	22.34	22.29	23.50
10	16QAM	25	12	22.32	22.37	22.29	23.50
10	16QAM	25	25	22.26	22.25	22.25	23.50
10	16QAM	50	0	22.25	22.30	22.27	23.50
10	64QAM	1	0	22.30	22.26	22.30	23.50
10	64QAM	1	25	22.28	22.25	22.28	23.50
10	64QAM	1	49	22.31	22.32	22.27	23.50
10	64QAM	25	0	21.30	21.26	21.23	22.50
10	64QAM	25	12	21.25	21.31	21.27	22.50
10	64QAM	25	25	21.24	21.32	21.32	22.50
10	64QAM	50	0	21.26	21.31	21.30	22.50
10	256QAM	1	0	19.31	19.34	19.32	20.50
10	256QAM	1	25	19.30	19.31	19.24	20.50
10	256QAM	1	49	19.29	19.36	19.30	20.50
10	256QAM	25	0	19.32	19.33	19.26	20.50
10	256QAM	25	12	19.22	19.32	19.29	20.50
10	256QAM	25	25	19.22	19.25	19.30	20.50
10	256QAM	50	0	19.27	19.35	19.25	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.23	24.23	24.20	25.50
5	QPSK	1	12	24.02	24.10	24.06	25.50
5	QPSK	1	24	24.06	24.09	23.99	25.50
5	QPSK	12	0	23.25	23.29	23.28	24.50
5	QPSK	12	7	23.18	23.29	23.19	24.50
5	QPSK	12	13	23.17	23.27	23.18	24.50
5	QPSK	25	0	23.18	23.14	23.07	24.50
5	16QAM	1	0	23.12	23.25	23.16	24.50
5	16QAM	1	12	23.13	23.23	23.25	24.50
5	16QAM	1	24	23.09	23.18	23.16	24.50
5	16QAM	12	0	22.16	22.27	22.15	23.50
5	16QAM	12	7	22.21	22.27	22.20	23.50
5	16QAM	12	13	22.14	22.24	22.17	23.50

5	16QAM	25	0	22.24	22.27	22.19	23.50
5	64QAM	1	0	22.21	22.23	22.28	23.50
5	64QAM	1	12	22.14	22.15	22.24	23.50
5	64QAM	1	24	22.29	22.19	22.25	23.50
5	64QAM	12	0	21.20	21.11	21.11	22.50
5	64QAM	12	7	21.20	21.22	21.20	22.50
5	64QAM	12	13	21.18	21.20	21.18	22.50
5	64QAM	25	0	21.19	21.26	21.29	22.50
5	256QAM	1	0	19.27	19.29	19.24	20.50
5	256QAM	1	12	19.21	19.17	19.21	20.50
5	256QAM	1	24	19.22	19.22	19.24	20.50
5	256QAM	12	0	19.29	19.24	19.14	20.50
5	256QAM	12	7	19.15	19.21	19.21	20.50
5	256QAM	12	13	19.12	19.22	19.17	20.50
5	256QAM	25	0	19.17	19.21	19.15	20.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.19	24.18	24.12	25.50
3	QPSK	1	8	24.12	24.13	24.12	25.50
3	QPSK	1	14	24.06	24.08	24.01	25.50
3	QPSK	8	0	23.28	23.22	23.27	24.50
3	QPSK	8	4	23.20	23.32	23.14	24.50
3	QPSK	8	7	23.20	23.22	23.17	24.50
3	QPSK	15	0	23.21	23.25	23.09	24.50
3	16QAM	1	0	23.09	23.18	23.21	24.50
3	16QAM	1	8	23.19	23.25	23.15	24.50
3	16QAM	1	14	23.11	23.29	23.18	24.50
3	16QAM	8	0	22.21	22.21	22.19	23.50
3	16QAM	8	4	22.22	22.26	22.16	23.50
3	16QAM	8	7	22.11	22.12	22.22	23.50
3	16QAM	15	0	22.14	22.25	22.13	23.50
3	64QAM	1	0	22.27	22.24	22.18	23.50
3	64QAM	1	8	22.21	22.22	22.19	23.50
3	64QAM	1	14	22.17	22.21	22.19	23.50
3	64QAM	8	0	21.27	21.17	21.20	22.50
3	64QAM	8	4	21.18	21.20	21.13	22.50
3	64QAM	8	7	21.20	21.25	21.29	22.50
3	64QAM	15	0	21.24	21.22	21.26	22.50
3	256QAM	1	0	19.26	19.27	19.19	20.50
3	256QAM	1	8	19.21	19.16	19.10	20.50
3	256QAM	1	14	19.18	19.31	19.20	20.50
3	256QAM	8	0	19.31	19.25	19.15	20.50
3	256QAM	8	4	19.19	19.20	19.24	20.50
3	256QAM	8	7	19.18	19.12	19.15	20.50
3	256QAM	15	0	19.17	19.28	19.13	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.17	24.19	24.24	25.50
1.4	QPSK	1	3	24.05	24.14	24.02	25.50
1.4	QPSK	1	5	24.06	24.08	24.01	25.50
1.4	QPSK	3	0	24.26	24.29	24.21	25.50
1.4	QPSK	3	1	24.21	24.33	24.11	25.50
1.4	QPSK	3	3	24.12	24.22	24.22	25.50
1.4	QPSK	6	0	23.19	23.18	23.10	24.50
1.4	16QAM	1	0	23.12	23.24	23.17	24.50
1.4	16QAM	1	3	23.21	23.22	23.14	24.50
1.4	16QAM	1	5	23.15	23.28	23.14	24.50
1.4	16QAM	3	0	23.22	23.27	23.27	24.50
1.4	16QAM	3	1	23.26	23.32	23.27	24.50
1.4	16QAM	3	3	23.22	23.23	23.15	24.50
1.4	16QAM	6	0	22.14	22.26	22.25	23.50
1.4	64QAM	1	0	22.21	22.23	22.23	23.50
1.4	64QAM	1	3	22.24	22.14	22.23	23.50
1.4	64QAM	1	5	22.24	22.24	22.25	23.50
1.4	64QAM	3	0	22.26	22.18	22.21	23.50
1.4	64QAM	3	1	22.21	22.22	22.13	23.50
1.4	64QAM	3	3	22.21	22.17	22.28	23.50
1.4	64QAM	6	0	21.13	21.18	21.25	22.50
1.4	256QAM	1	0	19.24	19.24	19.29	20.50
1.4	256QAM	1	3	19.17	19.27	19.21	20.50
1.4	256QAM	1	5	19.20	19.25	19.28	20.50
1.4	256QAM	3	0	19.29	19.28	19.18	20.50
1.4	256QAM	3	1	19.17	19.20	19.19	20.50
1.4	256QAM	3	3	19.14	19.15	19.19	20.50
1.4	256QAM	6	0	19.22	19.33	19.18	20.50

【LTE Band 5_Ant 0_ECI 5-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.99	24.05	24.03	25.00
10	QPSK	1	25	23.85	23.96	23.90	25.00
10	QPSK	1	49	23.88	23.99	23.88	25.00
10	QPSK	25	0	23.07	23.08	23.01	24.00
10	QPSK	25	12	22.93	23.04	22.96	24.00
10	QPSK	25	25	22.96	23.03	22.88	24.00
10	QPSK	50	0	22.99	23.06	22.90	24.00
10	16QAM	1	0	23.11	23.18	23.05	24.00
10	16QAM	1	25	23.01	23.10	23.06	24.00
10	16QAM	1	49	23.08	23.15	23.12	24.00
10	16QAM	25	0	21.93	22.01	21.92	23.00
10	16QAM	25	12	21.86	22.03	21.90	23.00
10	16QAM	25	25	21.81	22.00	21.92	23.00
10	16QAM	50	0	21.94	22.04	21.91	23.00
10	64QAM	1	0	21.94	22.12	22.04	23.00
10	64QAM	1	25	21.84	22.04	21.98	23.00
10	64QAM	1	49	21.95	22.10	22.02	23.00
10	64QAM	25	0	20.96	21.02	20.85	22.00
10	64QAM	25	12	20.84	21.01	20.88	22.00
10	64QAM	25	25	20.88	21.00	20.85	22.00
10	64QAM	50	0	20.83	21.02	20.90	22.00
10	256QAM	1	0	18.89	18.95	18.90	20.00
10	256QAM	1	25	18.79	18.87	18.73	20.00
10	256QAM	1	49	18.79	18.93	18.84	20.00
10	256QAM	25	0	18.91	19.01	18.92	20.00
10	256QAM	25	12	18.89	19.01	18.90	20.00
10	256QAM	25	25	18.91	19.00	18.97	20.00
10	256QAM	50	0	18.87	19.02	18.95	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.87	23.98	24.01	25.00
5	QPSK	1	12	23.77	23.87	23.80	25.00
5	QPSK	1	24	23.74	23.98	23.73	25.00
5	QPSK	12	0	23.03	22.95	22.96	24.00
5	QPSK	12	7	22.81	23.01	22.82	24.00
5	QPSK	12	13	22.81	23.00	22.76	24.00
5	QPSK	25	0	22.88	22.95	22.79	24.00
5	16QAM	1	0	23.02	23.05	22.92	24.00
5	16QAM	1	12	22.92	22.99	22.99	24.00
5	16QAM	1	24	22.99	23.03	22.98	24.00
5	16QAM	12	0	21.84	21.96	21.87	23.00
5	16QAM	12	7	21.83	22.01	21.83	23.00
5	16QAM	12	13	21.68	21.95	21.88	23.00
5	16QAM	25	0	21.84	22.02	21.81	23.00
5	64QAM	1	0	21.82	22.10	22.01	23.00
5	64QAM	1	12	21.77	21.99	21.95	23.00
5	64QAM	1	24	21.89	22.08	21.98	23.00
5	64QAM	12	0	20.81	20.89	20.75	22.00
5	64QAM	12	7	20.80	20.91	20.81	22.00
5	64QAM	12	13	20.80	20.93	20.71	22.00
5	64QAM	25	0	20.70	20.89	20.84	22.00
5	256QAM	1	0	18.76	18.94	18.88	20.00
5	256QAM	1	12	18.75	18.86	18.61	20.00
5	256QAM	1	24	18.76	18.90	18.71	20.00
5	256QAM	12	0	18.85	18.97	18.82	20.00
5	256QAM	12	7	18.79	18.92	18.82	20.00
5	256QAM	12	13	18.89	18.97	18.91	20.00
5	256QAM	25	0	18.84	18.91	18.83	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.97	24.02	23.98	25.00
3	QPSK	1	8	23.80	23.86	23.87	25.00
3	QPSK	1	14	23.83	23.93	23.79	25.00
3	QPSK	8	0	23.01	22.97	22.92	24.00
3	QPSK	8	4	22.85	22.97	22.92	24.00
3	QPSK	8	7	22.89	22.90	22.81	24.00
3	QPSK	15	0	22.91	22.94	22.80	24.00
3	16QAM	1	0	23.09	23.15	23.01	24.00
3	16QAM	1	8	22.94	23.09	23.02	24.00

3	16QAM	1	14	23.03	23.03	23.05	24.00
3	16QAM	8	0	21.81	21.91	21.88	23.00
3	16QAM	8	4	21.83	21.90	21.77	23.00
3	16QAM	8	7	21.73	21.95	21.83	23.00
3	16QAM	15	0	21.86	21.91	21.86	23.00
3	64QAM	1	0	21.89	22.10	22.01	23.00
3	64QAM	1	8	21.79	21.92	21.89	23.00
3	64QAM	1	14	21.82	21.96	21.90	23.00
3	64QAM	8	0	20.82	20.88	20.81	22.00
3	64QAM	8	4	20.82	20.93	20.84	22.00
3	64QAM	8	7	20.81	20.90	20.80	22.00
3	64QAM	15	0	20.77	20.90	20.77	22.00
3	256QAM	1	0	18.86	18.92	18.77	20.00
3	256QAM	1	8	18.68	18.78	18.64	20.00
3	256QAM	1	14	18.75	18.88	18.77	20.00
3	256QAM	8	0	18.83	18.87	18.86	20.00
3	256QAM	8	4	18.80	18.92	18.84	20.00
3	256QAM	8	7	18.88	18.90	18.84	20.00
3	256QAM	15	0	18.80	18.89	18.86	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.90	23.93	24.01	25.00
1.4	QPSK	1	3	23.70	23.82	23.79	25.00
1.4	QPSK	1	5	23.81	23.92	23.83	25.00
1.4	QPSK	3	0	23.98	24.07	23.94	25.00
1.4	QPSK	3	1	23.86	23.97	23.91	25.00
1.4	QPSK	3	3	23.85	23.90	23.86	25.00
1.4	QPSK	6	0	22.94	23.04	22.89	24.00
1.4	16QAM	1	0	22.98	23.05	22.97	24.00
1.4	16QAM	1	3	22.98	23.02	22.93	24.00
1.4	16QAM	1	5	22.96	23.02	23.07	24.00
1.4	16QAM	3	0	22.84	22.99	22.87	24.00
1.4	16QAM	3	1	22.79	22.89	22.80	24.00
1.4	16QAM	3	3	22.69	22.88	22.83	24.00
1.4	16QAM	6	0	21.93	21.91	21.88	23.00
1.4	64QAM	1	0	21.80	22.10	22.00	23.00
1.4	64QAM	1	3	21.80	21.89	21.92	23.00
1.4	64QAM	1	5	21.87	22.02	21.90	23.00
1.4	64QAM	3	0	21.86	21.87	21.83	23.00
1.4	64QAM	3	1	21.82	21.87	21.80	23.00
1.4	64QAM	3	3	21.75	21.96	21.74	23.00
1.4	64QAM	6	0	20.71	20.92	20.79	22.00
1.4	256QAM	1	0	18.79	18.94	18.78	20.00
1.4	256QAM	1	3	18.69	18.84	18.59	20.00
1.4	256QAM	1	5	18.69	18.78	18.78	20.00
1.4	256QAM	3	0	18.82	18.87	18.88	20.00
1.4	256QAM	3	1	18.75	19.00	18.84	20.00
1.4	256QAM	3	3	18.87	18.88	18.92	20.00
1.4	256QAM	6	0	18.78	18.97	18.92	20.00

【LTE Band 5_Ant 1_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.06	24.15	24.10	25.50
10	QPSK	1	25	23.95	23.99	23.94	25.50
10	QPSK	1	49	24.02	23.98	23.90	25.50
10	QPSK	25	0	23.18	23.21	23.16	24.50
10	QPSK	25	12	23.12	23.16	23.08	24.50
10	QPSK	25	25	23.05	23.16	23.11	24.50
10	QPSK	50	0	23.03	23.11	23.07	24.50
10	16QAM	1	0	23.06	23.07	23.05	24.50
10	16QAM	1	25	23.08	23.16	23.02	24.50
10	16QAM	1	49	23.03	23.10	23.01	24.50
10	16QAM	25	0	22.07	22.19	22.16	23.50
10	16QAM	25	12	22.17	22.19	22.08	23.50
10	16QAM	25	25	22.11	22.09	22.12	23.50
10	16QAM	50	0	22.01	22.13	22.07	23.50
10	64QAM	1	0	22.11	22.01	22.11	23.50
10	64QAM	1	25	22.06	22.05	22.10	23.50
10	64QAM	1	49	22.17	22.12	22.06	23.50

10	64QAM	25	0	21.16	21.11	21.07	22.50
10	64QAM	25	12	21.10	21.12	21.10	22.50
10	64QAM	25	25	21.03	21.12	21.12	22.50
10	64QAM	50	0	21.10	21.12	21.10	22.50
10	256QAM	1	0	19.08	19.11	19.12	20.50
10	256QAM	1	25	19.11	19.12	19.06	20.50
10	256QAM	1	49	19.07	19.22	19.16	20.50
10	256QAM	25	0	19.15	19.09	19.09	20.50
10	256QAM	25	12	19.01	19.17	19.06	20.50
10	256QAM	25	25	19.03	19.08	19.11	20.50
10	256QAM	50	0	19.05	19.13	19.03	20.50
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	23.98	24.02	24.08	25.50
5	QPSK	1	12	23.80	23.93	23.87	25.50
5	QPSK	1	24	23.99	23.84	23.80	25.50
5	QPSK	12	0	23.17	23.20	23.13	24.50
5	QPSK	12	7	23.08	23.07	23.02	24.50
5	QPSK	12	13	22.98	23.05	23.09	24.50
5	QPSK	25	0	22.90	23.08	22.98	24.50
5	16QAM	1	0	23.00	22.98	23.02	24.50
5	16QAM	1	12	22.96	23.11	22.97	24.50
5	16QAM	1	24	22.99	23.07	22.95	24.50
5	16QAM	12	0	22.03	22.05	22.02	23.50
5	16QAM	12	7	22.06	22.16	21.96	23.50
5	16QAM	12	13	21.98	22.06	22.00	23.50
5	16QAM	25	0	21.90	22.09	21.94	23.50
5	64QAM	1	0	22.02	21.90	22.02	23.50
5	64QAM	1	12	21.93	21.94	22.00	23.50
5	64QAM	1	24	22.09	21.98	21.98	23.50
5	64QAM	12	0	21.12	21.02	21.04	22.50
5	64QAM	12	7	20.98	21.06	21.07	22.50
5	64QAM	12	13	21.02	20.98	21.09	22.50
5	64QAM	25	0	21.09	21.00	21.01	22.50
5	256QAM	1	0	18.93	19.08	19.07	20.50
5	256QAM	1	12	19.07	19.02	18.95	20.50
5	256QAM	1	24	18.93	19.18	19.14	20.50
5	256QAM	12	0	19.10	18.98	18.97	20.50
5	256QAM	12	7	18.88	19.07	18.99	20.50
5	256QAM	12	13	18.97	19.02	19.05	20.50
5	256QAM	25	0	18.95	19.12	18.96	20.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.98	24.12	23.96	25.50
3	QPSK	1	8	23.90	23.95	23.88	25.50
3	QPSK	1	14	23.98	23.94	23.82	25.50
3	QPSK	8	0	23.03	23.20	23.09	24.50
3	QPSK	8	4	23.06	23.05	23.02	24.50
3	QPSK	8	7	23.03	23.01	23.10	24.50
3	QPSK	15	0	22.95	23.08	23.02	24.50
3	16QAM	1	0	23.04	22.95	22.92	24.50
3	16QAM	1	8	22.94	23.13	22.99	24.50
3	16QAM	1	14	22.88	23.02	22.94	24.50
3	16QAM	8	0	22.03	22.14	22.14	23.50
3	16QAM	8	4	22.11	22.05	22.03	23.50
3	16QAM	8	7	21.98	22.02	22.08	23.50
3	16QAM	15	0	21.96	22.02	21.99	23.50
3	64QAM	1	0	22.06	21.93	22.05	23.50
3	64QAM	1	8	21.98	21.90	21.99	23.50
3	64QAM	1	14	22.05	22.04	21.99	23.50
3	64QAM	8	0	21.10	21.04	20.93	22.50
3	64QAM	8	4	21.05	21.00	20.97	22.50
3	64QAM	8	7	20.93	21.06	21.08	22.50
3	64QAM	15	0	21.05	21.10	21.03	22.50
3	256QAM	1	0	18.96	18.97	19.08	20.50
3	256QAM	1	8	18.99	19.03	18.92	20.50
3	256QAM	1	14	18.94	19.10	19.11	20.50
3	256QAM	8	0	19.05	19.07	18.98	20.50
3	256QAM	8	4	18.90	19.11	18.95	20.50
3	256QAM	8	7	18.93	18.99	19.06	20.50
3	256QAM	15	0	19.02	19.00	18.94	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.01	24.14	23.96	25.50
1.4	QPSK	1	3	23.85	23.94	23.86	25.50
1.4	QPSK	1	5	24.01	23.96	23.83	25.50
1.4	QPSK	3	0	24.15	24.20	24.11	25.50
1.4	QPSK	3	1	23.99	24.14	24.03	25.50

1.4	QPSK	3	3	24.01	24.10	24.00	25.50
1.4	QPSK	6	0	22.92	22.99	22.97	24.50
1.4	16QAM	1	0	23.00	23.04	22.96	24.50
1.4	16QAM	1	3	23.03	23.09	22.97	24.50
1.4	16QAM	1	5	22.98	22.97	22.97	24.50
1.4	16QAM	3	0	23.04	23.13	23.11	24.50
1.4	16QAM	3	1	23.06	23.12	22.94	24.50
1.4	16QAM	3	3	23.03	23.00	23.00	24.50
1.4	16QAM	6	0	21.99	22.08	21.97	23.50
1.4	64QAM	1	0	22.01	21.98	22.09	23.50
1.4	64QAM	1	3	21.99	21.99	22.03	23.50
1.4	64QAM	1	5	22.11	22.10	22.00	23.50
1.4	64QAM	3	0	22.04	21.96	21.99	23.50
1.4	64QAM	3	1	22.04	21.98	22.06	23.50
1.4	64QAM	3	3	21.96	22.08	22.05	23.50
1.4	64QAM	6	0	20.97	21.02	21.03	22.50
1.4	256QAM	1	0	19.04	19.07	19.08	20.50
1.4	256QAM	1	3	19.04	19.04	18.99	20.50
1.4	256QAM	1	5	18.94	19.07	19.02	20.50
1.4	256QAM	3	0	19.10	19.02	19.06	20.50
1.4	256QAM	3	1	18.87	19.07	18.98	20.50
1.4	256QAM	3	3	19.00	19.01	19.02	20.50
1.4	256QAM	6	0	18.98	19.06	19.01	20.50

【LTE Band 5_Ant 1_Default-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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.66	23.70	23.57	25.00
10	QPSK	1	25	23.53	23.59	23.36	25.00
10	QPSK	1	49	23.49	23.67	23.46	25.00
10	QPSK	25	0	22.73	22.85	22.72	24.00
10	QPSK	25	12	22.66	22.72	22.52	24.00
10	QPSK	25	25	22.65	22.74	22.57	24.00
10	QPSK	50	0	22.66	22.75	22.57	24.00
10	16QAM	1	0	22.71	22.78	22.54	24.00
10	16QAM	1	25	22.67	22.74	22.47	24.00
10	16QAM	1	49	22.76	22.84	22.63	24.00
10	16QAM	25	0	21.49	21.68	21.45	23.00
10	16QAM	25	12	21.57	21.69	21.55	23.00
10	16QAM	25	25	21.60	21.70	21.53	23.00
10	16QAM	50	0	21.62	21.72	21.58	23.00
10	64QAM	1	0	21.64	21.75	21.57	23.00
10	64QAM	1	25	21.62	21.69	21.55	23.00
10	64QAM	1	49	21.65	21.79	21.61	23.00
10	64QAM	25	0	20.52	20.70	20.50	22.00
10	64QAM	25	12	20.60	20.71	20.48	22.00
10	64QAM	25	25	20.58	20.72	20.54	22.00
10	64QAM	50	0	20.62	20.72	20.48	22.00
10	256QAM	1	0	18.46	18.60	18.42	20.00
10	256QAM	1	25	18.45	18.55	18.37	20.00
10	256QAM	1	49	18.55	18.66	18.53	20.00
10	256QAM	25	0	18.54	18.71	18.52	20.00
10	256QAM	25	12	18.65	18.70	18.55	20.00
10	256QAM	25	25	18.66	18.73	18.52	20.00
10	256QAM	50	0	18.54	18.72	18.50	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.65	23.58	23.54	25.00
5	QPSK	1	12	23.50	23.51	23.22	25.00
5	QPSK	1	24	23.43	23.65	23.41	25.00
5	QPSK	12	0	22.59	22.75	22.67	24.00
5	QPSK	12	7	22.51	22.69	22.46	24.00
5	QPSK	12	13	22.62	22.72	22.51	24.00
5	QPSK	25	0	22.62	22.62	22.47	24.00
5	16QAM	1	0	22.68	22.69	22.41	24.00
5	16QAM	1	12	22.58	22.63	22.32	24.00
5	16QAM	1	24	22.63	22.76	22.53	24.00
5	16QAM	12	0	21.35	21.53	21.34	23.00
5	16QAM	12	7	21.53	21.64	21.43	23.00
5	16QAM	12	13	21.51	21.66	21.43	23.00

5	16QAM	25	0	21.57	21.64	21.52	23.00
5	64QAM	1	0	21.61	21.71	21.49	23.00
5	64QAM	1	12	21.53	21.62	21.54	23.00
5	64QAM	1	24	21.55	21.68	21.49	23.00
5	64QAM	12	0	20.41	20.55	20.44	22.00
5	64QAM	12	7	20.58	20.56	20.43	22.00
5	64QAM	12	13	20.49	20.70	20.46	22.00
5	64QAM	25	0	20.53	20.65	20.39	22.00
5	256QAM	1	0	18.39	18.45	18.34	20.00
5	256QAM	1	12	18.37	18.43	18.31	20.00
5	256QAM	1	24	18.46	18.54	18.48	20.00
5	256QAM	12	0	18.41	18.69	18.37	20.00
5	256QAM	12	7	18.50	18.64	18.42	20.00
5	256QAM	12	13	18.55	18.68	18.49	20.00
5	256QAM	25	0	18.47	18.66	18.38	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.63	23.55	23.54	25.00
3	QPSK	1	8	23.44	23.52	23.33	25.00
3	QPSK	1	14	23.47	23.55	23.40	25.00
3	QPSK	8	0	22.63	22.77	22.70	24.00
3	QPSK	8	4	22.56	22.68	22.49	24.00
3	QPSK	8	7	22.63	22.61	22.46	24.00
3	QPSK	15	0	22.64	22.63	22.44	24.00
3	16QAM	1	0	22.60	22.70	22.47	24.00
3	16QAM	1	8	22.61	22.64	22.41	24.00
3	16QAM	1	14	22.65	22.78	22.49	24.00
3	16QAM	8	0	21.41	21.60	21.33	23.00
3	16QAM	8	4	21.42	21.58	21.45	23.00
3	16QAM	8	7	21.50	21.57	21.48	23.00
3	16QAM	15	0	21.55	21.66	21.51	23.00
3	64QAM	1	0	21.56	21.62	21.50	23.00
3	64QAM	1	8	21.52	21.60	21.49	23.00
3	64QAM	1	14	21.50	21.73	21.51	23.00
3	64QAM	8	0	20.40	20.58	20.39	22.00
3	64QAM	8	4	20.47	20.70	20.34	22.00
3	64QAM	8	7	20.54	20.61	20.53	22.00
3	64QAM	15	0	20.61	20.60	20.38	22.00
3	256QAM	1	0	18.39	18.50	18.37	20.00
3	256QAM	1	8	18.33	18.41	18.32	20.00
3	256QAM	1	14	18.41	18.64	18.41	20.00
3	256QAM	8	0	18.51	18.62	18.43	20.00
3	256QAM	8	4	18.63	18.66	18.51	20.00
3	256QAM	8	7	18.56	18.63	18.50	20.00
3	256QAM	15	0	18.47	18.62	18.39	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.64	23.67	23.49	25.00
1.4	QPSK	1	3	23.45	23.57	23.24	25.00
1.4	QPSK	1	5	23.47	23.58	23.43	25.00
1.4	QPSK	3	0	23.61	23.80	23.61	25.00
1.4	QPSK	3	1	23.64	23.60	23.43	25.00
1.4	QPSK	3	3	23.60	23.61	23.50	25.00
1.4	QPSK	6	0	22.59	22.61	22.55	24.00
1.4	16QAM	1	0	22.64	22.75	22.43	24.00
1.4	16QAM	1	3	22.65	22.73	22.46	24.00
1.4	16QAM	1	5	22.73	22.80	22.62	24.00
1.4	16QAM	3	0	22.35	22.56	22.39	24.00
1.4	16QAM	3	1	22.48	22.58	22.53	24.00
1.4	16QAM	3	3	22.46	22.57	22.42	24.00
1.4	16QAM	6	0	21.57	21.60	21.51	23.00
1.4	64QAM	1	0	21.53	21.65	21.56	23.00
1.4	64QAM	1	3	21.47	21.57	21.42	23.00
1.4	64QAM	1	5	21.51	21.75	21.52	23.00
1.4	64QAM	3	0	21.43	21.58	21.45	23.00
1.4	64QAM	3	1	21.57	21.69	21.42	23.00
1.4	64QAM	3	3	21.45	21.59	21.41	23.00
1.4	64QAM	6	0	20.61	20.68	20.44	22.00
1.4	256QAM	1	0	18.39	18.49	18.35	20.00
1.4	256QAM	1	3	18.39	18.50	18.23	20.00
1.4	256QAM	1	5	18.48	18.64	18.46	20.00
1.4	256QAM	3	0	18.50	18.64	18.37	20.00
1.4	256QAM	3	1	18.56	18.60	18.46	20.00
1.4	256QAM	3	3	18.61	18.71	18.50	20.00
1.4	256QAM	6	0	18.44	18.61	18.43	20.00

【LTE Band 5_Ant 1_ECI 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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.94	20.94	20.93	22.00
10	QPSK	1	25	20.76	20.79	20.81	22.00
10	QPSK	1	49	20.77	20.85	20.73	22.00
10	QPSK	25	0	20.89	20.91	20.83	22.00
10	QPSK	25	12	20.86	20.85	20.77	22.00
10	QPSK	25	25	20.78	20.76	20.83	22.00
10	QPSK	50	0	20.81	20.75	20.82	22.00
10	16QAM	1	0	20.81	20.79	20.74	22.00
10	16QAM	1	25	20.81	20.75	20.81	22.00
10	16QAM	1	49	20.81	20.78	20.78	22.00
10	16QAM	25	0	20.79	20.74	20.82	22.00
10	16QAM	25	12	20.84	20.83	20.82	22.00
10	16QAM	25	25	20.78	20.86	20.77	22.00
10	16QAM	50	0	20.78	20.75	20.80	22.00
10	64QAM	1	0	20.79	20.74	20.79	22.00
10	64QAM	1	25	20.74	20.82	20.81	22.00
10	64QAM	1	49	20.81	20.75	20.84	22.00
10	64QAM	25	0	20.76	20.82	20.77	22.00
10	64QAM	25	12	20.76	20.76	20.84	22.00
10	64QAM	25	25	20.85	20.79	20.76	22.00
10	64QAM	50	0	20.81	20.84	20.84	22.00
10	256QAM	1	0	19.49	19.47	19.44	20.50
10	256QAM	1	25	19.46	19.40	19.43	20.50
10	256QAM	1	49	19.50	19.49	19.48	20.50
10	256QAM	25	0	19.41	19.41	19.50	20.50
10	256QAM	25	12	19.39	19.43	19.39	20.50
10	256QAM	25	25	19.45	19.49	19.48	20.50
10	256QAM	50	0	19.45	19.40	19.38	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	20.81	20.85	20.79	22.00
5	QPSK	1	12	20.72	20.64	20.77	22.00
5	QPSK	1	24	20.75	20.82	20.58	22.00
5	QPSK	12	0	20.75	20.87	20.70	22.00
5	QPSK	12	7	20.76	20.78	20.72	22.00
5	QPSK	12	13	20.63	20.63	20.74	22.00
5	QPSK	25	0	20.71	20.64	20.78	22.00
5	16QAM	1	0	20.73	20.74	20.64	22.00
5	16QAM	1	12	20.76	20.69	20.79	22.00
5	16QAM	1	24	20.67	20.68	20.68	22.00
5	16QAM	12	0	20.76	20.59	20.71	22.00
5	16QAM	12	7	20.72	20.68	20.72	22.00
5	16QAM	12	13	20.73	20.72	20.74	22.00
5	16QAM	25	0	20.71	20.71	20.72	22.00
5	64QAM	1	0	20.68	20.72	20.68	22.00
5	64QAM	1	12	20.63	20.76	20.78	22.00
5	64QAM	1	24	20.76	20.70	20.77	22.00
5	64QAM	12	0	20.69	20.68	20.74	22.00
5	64QAM	12	7	20.67	20.67	20.77	22.00
5	64QAM	12	13	20.74	20.69	20.67	22.00
5	64QAM	25	0	20.76	20.71	20.76	22.00
5	256QAM	1	0	19.40	19.39	19.35	20.50
5	256QAM	1	12	19.37	19.26	19.41	20.50
5	256QAM	1	24	19.47	19.39	19.34	20.50
5	256QAM	12	0	19.35	19.36	19.48	20.50
5	256QAM	12	7	19.30	19.31	19.28	20.50
5	256QAM	12	13	19.35	19.35	19.44	20.50
5	256QAM	25	0	19.34	19.33	19.34	20.50
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	20.88	20.88	20.84	22.00
3	QPSK	1	8	20.72	20.72	20.68	22.00
3	QPSK	1	14	20.74	20.75	20.63	22.00
3	QPSK	8	0	20.81	20.78	20.68	22.00
3	QPSK	8	4	20.83	20.77	20.73	22.00
3	QPSK	8	7	20.74	20.65	20.69	22.00
3	QPSK	15	0	20.69	20.69	20.72	22.00
3	16QAM	1	0	20.68	20.71	20.61	22.00
3	16QAM	1	8	20.72	20.72	20.70	22.00

3	16QAM	1	14	20.78	20.74	20.73	22.00
3	16QAM	8	0	20.69	20.71	20.75	22.00
3	16QAM	8	4	20.82	20.70	20.73	22.00
3	16QAM	8	7	20.75	20.76	20.75	22.00
3	16QAM	15	0	20.73	20.73	20.67	22.00
3	64QAM	1	0	20.64	20.61	20.64	22.00
3	64QAM	1	8	20.60	20.76	20.80	22.00
3	64QAM	1	14	20.74	20.66	20.82	22.00
3	64QAM	8	0	20.74	20.74	20.74	22.00
3	64QAM	8	4	20.67	20.62	20.71	22.00
3	64QAM	8	7	20.81	20.74	20.73	22.00
3	64QAM	15	0	20.68	20.74	20.70	22.00
3	256QAM	1	0	19.35	19.34	19.38	20.50
3	256QAM	1	8	19.31	19.35	19.31	20.50
3	256QAM	1	14	19.47	19.38	19.37	20.50
3	256QAM	8	0	19.39	19.35	19.40	20.50
3	256QAM	8	4	19.33	19.42	19.29	20.50
3	256QAM	8	7	19.36	19.45	19.36	20.50
3	256QAM	15	0	19.30	19.38	19.24	20.50
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	20.93	20.88	20.82	22.00
1.4	QPSK	1	3	20.64	20.66	20.79	22.00
1.4	QPSK	1	5	20.71	20.80	20.64	22.00
1.4	QPSK	3	0	20.74	20.84	20.81	22.00
1.4	QPSK	3	1	20.74	20.72	20.69	22.00
1.4	QPSK	3	3	20.72	20.62	20.76	22.00
1.4	QPSK	6	0	20.70	20.71	20.68	22.00
1.4	16QAM	1	0	20.73	20.65	20.72	22.00
1.4	16QAM	1	3	20.72	20.72	20.72	22.00
1.4	16QAM	1	5	20.72	20.77	20.63	22.00
1.4	16QAM	3	0	20.73	20.62	20.77	22.00
1.4	16QAM	3	1	20.70	20.74	20.79	22.00
1.4	16QAM	3	3	20.71	20.84	20.69	22.00
1.4	16QAM	6	0	20.67	20.64	20.66	22.00
1.4	64QAM	1	0	20.74	20.61	20.72	22.00
1.4	64QAM	1	3	20.64	20.73	20.69	22.00
1.4	64QAM	1	5	20.75	20.71	20.73	22.00
1.4	64QAM	3	0	20.65	20.79	20.73	22.00
1.4	64QAM	3	1	20.71	20.72	20.83	22.00
1.4	64QAM	3	3	20.81	20.67	20.63	22.00
1.4	64QAM	6	0	20.69	20.72	20.72	22.00
1.4	256QAM	1	0	19.45	19.45	19.36	20.50
1.4	256QAM	1	3	19.42	19.33	19.35	20.50
1.4	256QAM	1	5	19.38	19.41	19.44	20.50
1.4	256QAM	3	0	19.38	19.36	19.44	20.50
1.4	256QAM	3	1	19.37	19.39	19.38	20.50
1.4	256QAM	3	3	19.41	19.34	19.38	20.50
1.4	256QAM	6	0	19.33	19.33	19.28	20.50

【LTE Band 5_Ant 1_ECI 1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.81	20.85	20.84	22.00
10	QPSK	1	25	20.60	20.66	20.70	22.00
10	QPSK	1	49	20.67	20.72	20.60	22.00
10	QPSK	25	0	20.83	20.84	20.81	22.00
10	QPSK	25	12	20.80	20.81	20.81	22.00
10	QPSK	25	25	20.62	20.66	20.75	22.00
10	QPSK	50	0	20.66	20.60	20.73	22.00
10	16QAM	1	0	20.71	20.70	20.56	22.00
10	16QAM	1	25	20.72	20.57	20.63	22.00
10	16QAM	1	49	20.64	20.59	20.67	22.00
10	16QAM	25	0	20.70	20.58	20.70	22.00
10	16QAM	25	12	20.73	20.68	20.66	22.00
10	16QAM	25	25	20.69	20.57	20.69	22.00
10	16QAM	50	0	20.66	20.69	20.62	22.00
10	64QAM	1	0	20.66	20.73	20.65	22.00
10	64QAM	1	25	20.68	20.66	20.64	22.00
10	64QAM	1	49	20.62	20.58	20.62	22.00

10	64QAM	25	0	20.54	20.66	20.70	22.00
10	64QAM	25	12	20.64	20.66	20.74	22.00
10	64QAM	25	25	20.57	20.69	20.63	22.00
10	64QAM	50	0	20.68	20.60	20.69	22.00
10	256QAM	1	0	18.82	18.81	18.86	20.00
10	256QAM	1	25	18.80	18.86	18.76	20.00
10	256QAM	1	49	18.91	18.93	18.81	20.00
10	256QAM	25	0	18.87	18.89	18.83	20.00
10	256QAM	25	12	18.84	18.76	18.84	20.00
10	256QAM	25	25	18.82	18.73	18.83	20.00
10	256QAM	50	0	18.78	18.85	18.80	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	20.78	20.81	20.69	22.00
5	QPSK	1	12	20.58	20.61	20.55	22.00
5	QPSK	1	24	20.57	20.67	20.53	22.00
5	QPSK	12	0	20.67	20.74	20.50	22.00
5	QPSK	12	7	20.79	20.76	20.70	22.00
5	QPSK	12	13	20.60	20.53	20.70	22.00
5	QPSK	25	0	20.62	20.53	20.59	22.00
5	16QAM	1	0	20.63	20.64	20.43	22.00
5	16QAM	1	12	20.59	20.43	20.58	22.00
5	16QAM	1	24	20.54	20.50	20.65	22.00
5	16QAM	12	0	20.68	20.51	20.56	22.00
5	16QAM	12	7	20.59	20.63	20.61	22.00
5	16QAM	12	13	20.65	20.53	20.66	22.00
5	16QAM	25	0	20.63	20.66	20.53	22.00
5	64QAM	1	0	20.57	20.63	20.61	22.00
5	64QAM	1	12	20.65	20.61	20.59	22.00
5	64QAM	1	24	20.59	20.44	20.59	22.00
5	64QAM	12	0	20.40	20.60	20.67	22.00
5	64QAM	12	7	20.51	20.55	20.61	22.00
5	64QAM	12	13	20.45	20.63	20.50	22.00
5	64QAM	25	0	20.67	20.59	20.65	22.00
5	256QAM	1	0	18.76	18.79	18.75	20.00
5	256QAM	1	12	18.78	18.75	18.69	20.00
5	256QAM	1	24	18.86	18.81	18.78	20.00
5	256QAM	12	0	18.83	18.86	18.69	20.00
5	256QAM	12	7	18.75	18.69	18.73	20.00
5	256QAM	12	13	18.79	18.62	18.69	20.00
5	256QAM	25	0	18.64	18.81	18.79	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.76	20.76	20.77	22.00
3	QPSK	1	8	20.51	20.54	20.62	22.00
3	QPSK	1	14	20.65	20.58	20.48	22.00
3	QPSK	8	0	20.75	20.69	20.52	22.00
3	QPSK	8	4	20.79	20.69	20.68	22.00
3	QPSK	8	7	20.57	20.54	20.62	22.00
3	QPSK	15	0	20.62	20.56	20.71	22.00
3	16QAM	1	0	20.58	20.64	20.42	22.00
3	16QAM	1	8	20.64	20.54	20.61	22.00
3	16QAM	1	14	20.56	20.58	20.55	22.00
3	16QAM	8	0	20.60	20.57	20.66	22.00
3	16QAM	8	4	20.62	20.53	20.62	22.00
3	16QAM	8	7	20.55	20.50	20.58	22.00
3	16QAM	15	0	20.54	20.60	20.52	22.00
3	64QAM	1	0	20.52	20.61	20.55	22.00
3	64QAM	1	8	20.57	20.59	20.59	22.00
3	64QAM	1	14	20.48	20.55	20.57	22.00
3	64QAM	8	0	20.46	20.56	20.65	22.00
3	64QAM	8	4	20.51	20.51	20.73	22.00
3	64QAM	8	7	20.54	20.56	20.49	22.00
3	64QAM	15	0	20.54	20.58	20.57	22.00
3	256QAM	1	0	18.80	18.79	18.84	20.00
3	256QAM	1	8	18.73	18.82	18.73	20.00
3	256QAM	1	14	18.81	18.84	18.79	20.00
3	256QAM	8	0	18.83	18.80	18.72	20.00
3	256QAM	8	4	18.73	18.71	18.77	20.00
3	256QAM	8	7	18.68	18.60	18.75	20.00
3	256QAM	15	0	18.64	18.81	18.77	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.73	20.75	20.70	22.00
1.4	QPSK	1	3	20.50	20.54	20.64	22.00
1.4	QPSK	1	5	20.62	20.58	20.49	22.00
1.4	QPSK	3	0	20.71	20.76	20.54	22.00
1.4	QPSK	3	1	20.77	20.82	20.78	22.00

1.4	QPSK	3	3	20.54	20.51	20.62	22.00
1.4	QPSK	6	0	20.59	20.54	20.63	22.00
1.4	16QAM	1	0	20.65	20.62	20.48	22.00
1.4	16QAM	1	3	20.69	20.49	20.59	22.00
1.4	16QAM	1	5	20.54	20.51	20.56	22.00
1.4	16QAM	3	0	20.64	20.48	20.55	22.00
1.4	16QAM	3	1	20.69	20.56	20.59	22.00
1.4	16QAM	3	3	20.55	20.51	20.63	22.00
1.4	16QAM	6	0	20.59	20.64	20.55	22.00
1.4	64QAM	1	0	20.63	20.61	20.52	22.00
1.4	64QAM	1	3	20.62	20.62	20.56	22.00
1.4	64QAM	1	5	20.55	20.44	20.56	22.00
1.4	64QAM	3	0	20.41	20.64	20.61	22.00
1.4	64QAM	3	1	20.57	20.53	20.69	22.00
1.4	64QAM	3	3	20.54	20.55	20.61	22.00
1.4	64QAM	6	0	20.63	20.50	20.64	22.00
1.4	256QAM	1	0	18.76	18.72	18.82	20.00
1.4	256QAM	1	3	18.72	18.85	18.65	20.00
1.4	256QAM	1	5	18.80	18.84	18.70	20.00
1.4	256QAM	3	0	18.79	18.84	18.78	20.00
1.4	256QAM	3	1	18.78	18.67	18.70	20.00
1.4	256QAM	3	3	18.67	18.67	18.71	20.00
1.4	256QAM	6	0	18.76	18.74	18.66	20.00

【LTE Band 5_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.35	21.37	21.34	22.50
10	QPSK	1	25	21.17	21.26	21.23	22.50
10	QPSK	1	49	21.22	21.23	21.22	22.50
10	QPSK	25	0	21.31	21.35	21.29	22.50
10	QPSK	25	12	21.21	21.20	21.23	22.50
10	QPSK	25	25	21.24	21.29	21.20	22.50
10	QPSK	50	0	21.16	21.29	21.18	22.50
10	16QAM	1	0	21.17	21.21	21.19	22.50
10	16QAM	1	25	21.16	21.17	21.18	22.50
10	16QAM	1	49	21.25	21.22	21.16	22.50
10	16QAM	25	0	21.17	21.20	21.24	22.50
10	16QAM	25	12	21.20	21.26	21.17	22.50
10	16QAM	25	25	21.20	21.19	21.25	22.50
10	16QAM	50	0	21.17	21.28	21.20	22.50
10	64QAM	1	0	21.27	21.26	21.24	22.50
10	64QAM	1	25	21.23	21.26	21.23	22.50
10	64QAM	1	49	21.23	21.24	21.15	22.50
10	64QAM	25	0	21.24	21.19	21.25	22.50
10	64QAM	25	12	21.20	21.26	21.25	22.50
10	64QAM	25	25	21.16	21.18	21.23	22.50
10	64QAM	50	0	21.15	21.23	21.19	22.50
10	256QAM	1	0	19.30	19.39	19.32	20.50
10	256QAM	1	25	19.37	19.39	19.32	20.50
10	256QAM	1	49	19.39	19.43	19.41	20.50
10	256QAM	25	0	19.37	19.44	19.36	20.50
10	256QAM	25	12	19.40	19.40	19.34	20.50
10	256QAM	25	25	19.33	19.35	19.41	20.50
10	256QAM	50	0	19.32	19.34	19.32	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.23	21.25	21.29	22.50
5	QPSK	1	12	21.10	21.21	21.09	22.50
5	QPSK	1	24	21.15	21.18	21.16	22.50
5	QPSK	12	0	21.27	21.26	21.16	22.50
5	QPSK	12	7	21.16	21.11	21.20	22.50
5	QPSK	12	13	21.13	21.14	21.11	22.50
5	QPSK	25	0	21.08	21.27	21.05	22.50
5	16QAM	1	0	21.04	21.14	21.05	22.50
5	16QAM	1	12	21.04	21.03	21.09	22.50
5	16QAM	1	24	21.11	21.16	21.02	22.50
5	16QAM	12	0	21.14	21.10	21.09	22.50
5	16QAM	12	7	21.16	21.24	21.11	22.50
5	16QAM	12	13	21.05	21.18	21.16	22.50

5	16QAM	25	0	21.12	21.15	21.13	22.50
5	64QAM	1	0	21.14	21.18	21.20	22.50
5	64QAM	1	12	21.21	21.23	21.10	22.50
5	64QAM	1	24	21.13	21.21	21.12	22.50
5	64QAM	12	0	21.10	21.13	21.14	22.50
5	64QAM	12	7	21.09	21.24	21.22	22.50
5	64QAM	12	13	21.13	21.14	21.17	22.50
5	64QAM	25	0	21.11	21.17	21.12	22.50
5	256QAM	1	0	19.25	19.34	19.25	20.50
5	256QAM	1	12	19.26	19.28	19.19	20.50
5	256QAM	1	24	19.32	19.29	19.38	20.50
5	256QAM	12	0	19.32	19.42	19.21	20.50
5	256QAM	12	7	19.36	19.30	19.25	20.50
5	256QAM	12	13	19.32	19.21	19.40	20.50
5	256QAM	25	0	19.24	19.21	19.29	20.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	21.25	21.35	21.28	22.50
3	QPSK	1	8	21.09	21.21	21.14	22.50
3	QPSK	1	14	21.17	21.13	21.12	22.50
3	QPSK	8	0	21.26	21.28	21.19	22.50
3	QPSK	8	4	21.11	21.16	21.16	22.50
3	QPSK	8	7	21.19	21.17	21.15	22.50
3	QPSK	15	0	21.13	21.24	21.15	22.50
3	16QAM	1	0	21.02	21.13	21.06	22.50
3	16QAM	1	8	21.03	21.16	21.13	22.50
3	16QAM	1	14	21.17	21.15	21.10	22.50
3	16QAM	8	0	21.03	21.19	21.21	22.50
3	16QAM	8	4	21.10	21.16	21.07	22.50
3	16QAM	8	7	21.14	21.17	21.21	22.50
3	16QAM	15	0	21.03	21.16	21.17	22.50
3	64QAM	1	0	21.22	21.12	21.17	22.50
3	64QAM	1	8	21.15	21.25	21.17	22.50
3	64QAM	1	14	21.15	21.12	21.13	22.50
3	64QAM	8	0	21.19	21.14	21.10	22.50
3	64QAM	8	4	21.17	21.12	21.11	22.50
3	64QAM	8	7	21.06	21.16	21.20	22.50
3	64QAM	15	0	21.03	21.20	21.14	22.50
3	256QAM	1	0	19.28	19.31	19.27	20.50
3	256QAM	1	8	19.25	19.27	19.18	20.50
3	256QAM	1	14	19.32	19.41	19.27	20.50
3	256QAM	8	0	19.33	19.39	19.33	20.50
3	256QAM	8	4	19.31	19.27	19.26	20.50
3	256QAM	8	7	19.26	19.27	19.27	20.50
3	256QAM	15	0	19.18	19.22	19.20	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	21.28	21.30	21.27	22.50
1.4	QPSK	1	3	21.08	21.18	21.08	22.50
1.4	QPSK	1	5	21.13	21.15	21.16	22.50
1.4	QPSK	3	0	21.23	21.27	21.25	22.50
1.4	QPSK	3	1	21.07	21.12	21.19	22.50
1.4	QPSK	3	3	21.22	21.28	21.18	22.50
1.4	QPSK	6	0	21.10	21.26	21.05	22.50
1.4	16QAM	1	0	21.13	21.17	21.04	22.50
1.4	16QAM	1	3	21.03	21.03	21.13	22.50
1.4	16QAM	1	5	21.20	21.20	21.07	22.50
1.4	16QAM	3	0	21.14	21.05	21.10	22.50
1.4	16QAM	3	1	21.08	21.13	21.05	22.50
1.4	16QAM	3	3	21.06	21.13	21.19	22.50
1.4	16QAM	6	0	21.13	21.24	21.12	22.50
1.4	64QAM	1	0	21.17	21.11	21.09	22.50
1.4	64QAM	1	3	21.17	21.12	21.09	22.50
1.4	64QAM	1	5	21.12	21.10	21.10	22.50
1.4	64QAM	3	0	21.16	21.05	21.23	22.50
1.4	64QAM	3	1	21.06	21.21	21.22	22.50
1.4	64QAM	3	3	21.09	21.07	21.19	22.50
1.4	64QAM	6	0	21.12	21.09	21.15	22.50
1.4	256QAM	1	0	19.18	19.32	19.27	20.50
1.4	256QAM	1	3	19.26	19.26	19.28	20.50
1.4	256QAM	1	5	19.30	19.42	19.33	20.50
1.4	256QAM	3	0	19.25	19.40	19.35	20.50
1.4	256QAM	3	1	19.34	19.33	19.20	20.50
1.4	256QAM	3	3	19.24	19.23	19.35	20.50
1.4	256QAM	6	0	19.25	19.20	19.30	20.50

【LTE Band 5_Ant 1_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.25	21.26	21.23	22.50
10	QPSK	1	25	21.03	21.17	21.13	22.50
10	QPSK	1	49	21.07	21.07	21.12	22.50
10	QPSK	25	0	21.20	21.23	21.22	22.50
10	QPSK	25	12	21.03	21.07	21.15	22.50
10	QPSK	25	25	21.12	21.14	21.08	22.50
10	QPSK	50	0	20.98	21.19	20.99	22.50
10	16QAM	1	0	21.02	21.01	21.07	22.50
10	16QAM	1	25	21.05	21.02	21.01	22.50
10	16QAM	1	49	21.13	21.08	21.04	22.50
10	16QAM	25	0	21.08	21.11	21.05	22.50
10	16QAM	25	12	21.08	21.10	21.00	22.50
10	16QAM	25	25	21.02	21.07	21.10	22.50
10	16QAM	50	0	21.00	21.13	21.12	22.50
10	64QAM	1	0	21.16	21.15	21.07	22.50
10	64QAM	1	25	21.10	21.13	21.07	22.50
10	64QAM	1	49	21.05	21.12	21.07	22.50
10	64QAM	25	0	20.66	20.75	20.69	22.00
10	64QAM	25	12	20.68	20.79	20.77	22.00
10	64QAM	25	25	20.77	20.85	20.75	22.00
10	64QAM	50	0	20.71	20.68	20.73	22.00
10	256QAM	1	0	18.85	18.86	18.91	20.00
10	256QAM	1	25	18.68	18.79	18.77	20.00
10	256QAM	1	49	18.71	18.70	18.70	20.00
10	256QAM	25	0	18.77	18.82	18.81	20.00
10	256QAM	25	12	18.69	18.67	18.74	20.00
10	256QAM	25	25	18.79	18.79	18.69	20.00
10	256QAM	50	0	18.67	18.86	18.65	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.14	21.24	21.16	22.50
5	QPSK	1	12	20.90	21.11	21.08	22.50
5	QPSK	1	24	21.04	21.05	20.99	22.50
5	QPSK	12	0	21.08	21.10	21.16	22.50
5	QPSK	12	7	20.98	21.00	21.10	22.50
5	QPSK	12	13	21.08	21.11	20.96	22.50
5	QPSK	25	0	20.91	21.09	20.95	22.50
5	16QAM	1	0	20.91	20.86	20.95	22.50
5	16QAM	1	12	20.93	20.94	20.91	22.50
5	16QAM	1	24	21.03	20.94	20.93	22.50
5	16QAM	12	0	21.03	21.03	20.91	22.50
5	16QAM	12	7	21.00	20.96	20.95	22.50
5	16QAM	12	13	20.91	20.94	21.03	22.50
5	16QAM	25	0	20.97	21.03	21.04	22.50
5	64QAM	1	0	21.09	21.00	21.05	22.50
5	64QAM	1	12	21.07	21.02	20.94	22.50
5	64QAM	1	24	20.91	21.04	20.96	22.50
5	64QAM	12	0	20.60	20.68	20.60	22.00
5	64QAM	12	7	20.63	20.73	20.67	22.00
5	64QAM	12	13	20.65	20.81	20.68	22.00
5	64QAM	25	0	20.56	20.66	20.61	22.00
5	256QAM	1	0	18.78	18.74	18.81	20.00
5	256QAM	1	12	18.64	18.65	18.67	20.00
5	256QAM	1	24	18.60	18.68	18.62	20.00
5	256QAM	12	0	18.64	18.71	18.75	20.00
5	256QAM	12	7	18.59	18.53	18.65	20.00
5	256QAM	12	13	18.76	18.77	18.56	20.00
5	256QAM	25	0	18.62	18.73	18.56	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.21	21.23	21.09	22.50
3	QPSK	1	8	20.92	21.10	21.08	22.50
3	QPSK	1	14	21.02	20.95	21.04	22.50
3	QPSK	8	0	21.13	21.19	21.18	22.50
3	QPSK	8	4	20.97	21.03	21.02	22.50
3	QPSK	8	7	21.01	21.12	21.04	22.50
3	QPSK	15	0	20.93	21.16	20.85	22.50
3	16QAM	1	0	20.93	20.99	20.99	22.50
3	16QAM	1	8	20.92	20.90	20.98	22.50

3	16QAM	1	14	21.04	21.01	20.97	22.50
3	16QAM	8	0	20.95	21.08	21.02	22.50
3	16QAM	8	4	20.98	21.02	20.94	22.50
3	16QAM	8	7	21.00	20.94	21.02	22.50
3	16QAM	15	0	20.90	21.11	21.07	22.50
3	64QAM	1	0	21.13	21.09	20.94	22.50
3	64QAM	1	8	21.01	21.06	21.02	22.50
3	64QAM	1	14	20.97	21.10	20.94	22.50
3	64QAM	8	0	20.52	20.68	20.58	22.00
3	64QAM	8	4	20.59	20.68	20.72	22.00
3	64QAM	8	7	20.71	20.75	20.69	22.00
3	64QAM	15	0	20.63	20.60	20.58	22.00
3	256QAM	1	0	18.78	18.84	18.76	20.00
3	256QAM	1	8	18.61	18.71	18.72	20.00
3	256QAM	1	14	18.66	18.67	18.68	20.00
3	256QAM	8	0	18.68	18.73	18.70	20.00
3	256QAM	8	4	18.60	18.59	18.71	20.00
3	256QAM	8	7	18.67	18.67	18.59	20.00
3	256QAM	15	0	18.58	18.74	18.55	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.16	21.11	21.08	22.50
1.4	QPSK	1	3	20.90	21.13	21.04	22.50
1.4	QPSK	1	5	20.95	20.92	21.01	22.50
1.4	QPSK	3	0	21.17	21.20	21.09	22.50
1.4	QPSK	3	1	21.00	21.03	21.04	22.50
1.4	QPSK	3	3	21.04	21.00	21.05	22.50
1.4	QPSK	6	0	20.92	21.10	20.88	22.50
1.4	16QAM	1	0	20.93	20.99	21.02	22.50
1.4	16QAM	1	3	20.92	20.98	20.92	22.50
1.4	16QAM	1	5	21.08	21.00	21.01	22.50
1.4	16QAM	3	0	21.07	21.03	21.00	22.50
1.4	16QAM	3	1	20.97	20.95	20.95	22.50
1.4	16QAM	3	3	20.93	20.96	21.01	22.50
1.4	16QAM	6	0	20.90	21.09	21.08	22.50
1.4	64QAM	1	0	21.09	21.10	21.01	22.50
1.4	64QAM	1	3	21.03	21.03	21.04	22.50
1.4	64QAM	1	5	20.98	20.98	20.96	22.50
1.4	64QAM	3	0	21.01	21.15	21.07	22.50
1.4	64QAM	3	1	21.16	21.18	21.19	22.50
1.4	64QAM	3	3	21.14	21.21	21.17	22.50
1.4	64QAM	6	0	20.59	20.58	20.65	22.00
1.4	256QAM	1	0	18.83	18.75	18.85	20.00
1.4	256QAM	1	3	18.62	18.75	18.63	20.00
1.4	256QAM	1	5	18.68	18.61	18.63	20.00
1.4	256QAM	3	0	18.63	18.77	18.77	20.00
1.4	256QAM	3	1	18.55	18.54	18.70	20.00
1.4	256QAM	3	3	18.76	18.71	18.57	20.00
1.4	256QAM	6	0	18.56	18.74	18.63	20.00

【LTE Band 5_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.35	21.37	21.34	22.50
10	QPSK	1	25	21.17	21.26	21.23	22.50
10	QPSK	1	49	21.22	21.23	21.22	22.50
10	QPSK	25	0	21.31	21.35	21.29	22.50
10	QPSK	25	12	21.21	21.20	21.23	22.50
10	QPSK	25	25	21.24	21.29	21.20	22.50
10	QPSK	50	0	21.16	21.29	21.18	22.50
10	16QAM	1	0	21.17	21.21	21.19	22.50
10	16QAM	1	25	21.16	21.17	21.18	22.50
10	16QAM	1	49	21.25	21.22	21.16	22.50
10	16QAM	25	0	21.17	21.20	21.24	22.50
10	16QAM	25	12	21.20	21.26	21.17	22.50
10	16QAM	25	25	21.20	21.19	21.25	22.50
10	16QAM	50	0	21.17	21.28	21.20	22.50
10	64QAM	1	0	21.27	21.26	21.24	22.50
10	64QAM	1	25	21.23	21.26	21.23	22.50
10	64QAM	1	49	21.23	21.24	21.15	22.50

10	64QAM	25	0	21.24	21.19	21.25	22.50
10	64QAM	25	12	21.20	21.26	21.25	22.50
10	64QAM	25	25	21.16	21.18	21.23	22.50
10	64QAM	50	0	21.15	21.23	21.19	22.50
10	256QAM	1	0	19.30	19.39	19.32	20.50
10	256QAM	1	25	19.37	19.39	19.32	20.50
10	256QAM	1	49	19.39	19.43	19.41	20.50
10	256QAM	25	0	19.37	19.44	19.36	20.50
10	256QAM	25	12	19.40	19.40	19.34	20.50
10	256QAM	25	25	19.33	19.35	19.41	20.50
10	256QAM	50	0	19.32	19.34	19.32	20.50
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	21.23	21.25	21.29	22.50
5	QPSK	1	12	21.10	21.21	21.09	22.50
5	QPSK	1	24	21.15	21.18	21.16	22.50
5	QPSK	12	0	21.27	21.26	21.16	22.50
5	QPSK	12	7	21.16	21.11	21.20	22.50
5	QPSK	12	13	21.13	21.14	21.11	22.50
5	QPSK	25	0	21.08	21.27	21.05	22.50
5	16QAM	1	0	21.04	21.14	21.05	22.50
5	16QAM	1	12	21.04	21.03	21.09	22.50
5	16QAM	1	24	21.11	21.16	21.02	22.50
5	16QAM	12	0	21.14	21.10	21.09	22.50
5	16QAM	12	7	21.16	21.24	21.11	22.50
5	16QAM	12	13	21.05	21.18	21.16	22.50
5	16QAM	25	0	21.12	21.15	21.13	22.50
5	64QAM	1	0	21.14	21.18	21.20	22.50
5	64QAM	1	12	21.21	21.23	21.10	22.50
5	64QAM	1	24	21.13	21.21	21.12	22.50
5	64QAM	12	0	21.10	21.13	21.14	22.50
5	64QAM	12	7	21.09	21.24	21.22	22.50
5	64QAM	12	13	21.13	21.14	21.17	22.50
5	64QAM	25	0	21.11	21.17	21.12	22.50
5	256QAM	1	0	19.25	19.34	19.25	20.50
5	256QAM	1	12	19.26	19.28	19.19	20.50
5	256QAM	1	24	19.32	19.29	19.38	20.50
5	256QAM	12	0	19.32	19.42	19.21	20.50
5	256QAM	12	7	19.36	19.30	19.25	20.50
5	256QAM	12	13	19.32	19.21	19.40	20.50
5	256QAM	25	0	19.24	19.21	19.29	20.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	21.25	21.35	21.28	22.50
3	QPSK	1	8	21.09	21.21	21.14	22.50
3	QPSK	1	14	21.17	21.13	21.12	22.50
3	QPSK	8	0	21.26	21.28	21.19	22.50
3	QPSK	8	4	21.11	21.16	21.16	22.50
3	QPSK	8	7	21.19	21.17	21.15	22.50
3	QPSK	15	0	21.13	21.24	21.15	22.50
3	16QAM	1	0	21.02	21.13	21.06	22.50
3	16QAM	1	8	21.03	21.16	21.13	22.50
3	16QAM	1	14	21.17	21.15	21.10	22.50
3	16QAM	8	0	21.03	21.19	21.21	22.50
3	16QAM	8	4	21.10	21.16	21.07	22.50
3	16QAM	8	7	21.14	21.17	21.21	22.50
3	16QAM	15	0	21.03	21.16	21.17	22.50
3	64QAM	1	0	21.22	21.12	21.17	22.50
3	64QAM	1	8	21.15	21.25	21.17	22.50
3	64QAM	1	14	21.15	21.12	21.13	22.50
3	64QAM	8	0	21.19	21.14	21.10	22.50
3	64QAM	8	4	21.17	21.12	21.11	22.50
3	64QAM	8	7	21.06	21.16	21.20	22.50
3	64QAM	15	0	21.03	21.20	21.14	22.50
3	256QAM	1	0	19.28	19.31	19.27	20.50
3	256QAM	1	8	19.25	19.27	19.18	20.50
3	256QAM	1	14	19.32	19.41	19.27	20.50
3	256QAM	8	0	19.33	19.39	19.33	20.50
3	256QAM	8	4	19.31	19.27	19.26	20.50
3	256QAM	8	7	19.26	19.27	19.27	20.50
3	256QAM	15	0	19.18	19.22	19.20	20.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	21.28	21.30	21.27	22.50
1.4	QPSK	1	3	21.08	21.18	21.08	22.50
1.4	QPSK	1	5	21.13	21.15	21.16	22.50
1.4	QPSK	3	0	21.23	21.27	21.25	22.50
1.4	QPSK	3	1	21.07	21.12	21.19	22.50

1.4	QPSK	3	3	21.22	21.28	21.18	22.50
1.4	QPSK	6	0	21.10	21.26	21.05	22.50
1.4	16QAM	1	0	21.13	21.17	21.04	22.50
1.4	16QAM	1	3	21.03	21.03	21.13	22.50
1.4	16QAM	1	5	21.20	21.20	21.07	22.50
1.4	16QAM	3	0	21.14	21.05	21.10	22.50
1.4	16QAM	3	1	21.08	21.13	21.05	22.50
1.4	16QAM	3	3	21.06	21.13	21.19	22.50
1.4	16QAM	6	0	21.13	21.24	21.12	22.50
1.4	64QAM	1	0	21.17	21.11	21.09	22.50
1.4	64QAM	1	3	21.17	21.12	21.09	22.50
1.4	64QAM	1	5	21.12	21.10	21.10	22.50
1.4	64QAM	3	0	21.16	21.05	21.23	22.50
1.4	64QAM	3	1	21.06	21.21	21.22	22.50
1.4	64QAM	3	3	21.09	21.07	21.19	22.50
1.4	64QAM	6	0	21.12	21.09	21.15	22.50
1.4	256QAM	1	0	19.18	19.32	19.27	20.50
1.4	256QAM	1	3	19.26	19.26	19.28	20.50
1.4	256QAM	1	5	19.30	19.42	19.33	20.50
1.4	256QAM	3	0	19.25	19.40	19.35	20.50
1.4	256QAM	3	1	19.34	19.33	19.20	20.50
1.4	256QAM	3	3	19.24	19.23	19.35	20.50
1.4	256QAM	6	0	19.25	19.20	19.30	20.50

【LTE Band 5_Ant 1_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.25	21.26	21.23	22.50
10	QPSK	1	25	21.03	21.17	21.13	22.50
10	QPSK	1	49	21.07	21.07	21.12	22.50
10	QPSK	25	0	21.20	21.23	21.22	22.50
10	QPSK	25	12	21.03	21.07	21.15	22.50
10	QPSK	25	25	21.12	21.14	21.08	22.50
10	QPSK	50	0	20.98	21.19	20.99	22.50
10	16QAM	1	0	21.02	21.01	21.07	22.50
10	16QAM	1	25	21.05	21.02	21.01	22.50
10	16QAM	1	49	21.13	21.08	21.04	22.50
10	16QAM	25	0	21.08	21.11	21.05	22.50
10	16QAM	25	12	21.08	21.10	21.00	22.50
10	16QAM	25	25	21.02	21.07	21.10	22.50
10	16QAM	50	0	21.00	21.13	21.12	22.50
10	64QAM	1	0	21.16	21.15	21.07	22.50
10	64QAM	1	25	21.10	21.13	21.07	22.50
10	64QAM	1	49	21.05	21.12	21.07	22.50
10	64QAM	25	0	20.66	20.75	20.69	22.00
10	64QAM	25	12	20.68	20.79	20.77	22.00
10	64QAM	25	25	20.77	20.85	20.75	22.00
10	64QAM	50	0	20.71	20.68	20.73	22.00
10	256QAM	1	0	18.85	18.86	18.91	20.00
10	256QAM	1	25	18.68	18.79	18.77	20.00
10	256QAM	1	49	18.71	18.70	18.70	20.00
10	256QAM	25	0	18.77	18.82	18.81	20.00
10	256QAM	25	12	18.69	18.67	18.74	20.00
10	256QAM	25	25	18.79	18.79	18.69	20.00
10	256QAM	50	0	18.67	18.86	18.65	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.14	21.24	21.16	22.50
5	QPSK	1	12	20.90	21.11	21.08	22.50
5	QPSK	1	24	21.04	21.05	20.99	22.50
5	QPSK	12	0	21.08	21.10	21.16	22.50
5	QPSK	12	7	20.98	21.00	21.10	22.50
5	QPSK	12	13	21.08	21.11	20.96	22.50
5	QPSK	25	0	20.91	21.09	20.95	22.50
5	16QAM	1	0	20.91	20.86	20.95	22.50
5	16QAM	1	12	20.93	20.94	20.91	22.50
5	16QAM	1	24	21.03	20.94	20.93	22.50
5	16QAM	12	0	21.03	21.03	20.91	22.50
5	16QAM	12	7	21.00	20.96	20.95	22.50
5	16QAM	12	13	20.91	20.94	21.03	22.50

5	16QAM	25	0	20.97	21.03	21.04	22.50
5	64QAM	1	0	21.09	21.00	21.05	22.50
5	64QAM	1	12	21.07	21.02	20.94	22.50
5	64QAM	1	24	20.91	21.04	20.96	22.50
5	64QAM	12	0	20.60	20.68	20.60	22.00
5	64QAM	12	7	20.63	20.73	20.67	22.00
5	64QAM	12	13	20.65	20.81	20.68	22.00
5	64QAM	25	0	20.56	20.66	20.61	22.00
5	256QAM	1	0	18.78	18.74	18.81	20.00
5	256QAM	1	12	18.64	18.65	18.67	20.00
5	256QAM	1	24	18.60	18.68	18.62	20.00
5	256QAM	12	0	18.64	18.71	18.75	20.00
5	256QAM	12	7	18.59	18.53	18.65	20.00
5	256QAM	12	13	18.76	18.77	18.56	20.00
5	256QAM	25	0	18.62	18.73	18.56	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	21.21	21.23	21.09	22.50
3	QPSK	1	8	20.92	21.10	21.08	22.50
3	QPSK	1	14	21.02	20.95	21.04	22.50
3	QPSK	8	0	21.13	21.19	21.18	22.50
3	QPSK	8	4	20.97	21.03	21.02	22.50
3	QPSK	8	7	21.01	21.12	21.04	22.50
3	QPSK	15	0	20.93	21.16	20.85	22.50
3	16QAM	1	0	20.93	20.99	20.99	22.50
3	16QAM	1	8	20.92	20.90	20.98	22.50
3	16QAM	1	14	21.04	21.01	20.97	22.50
3	16QAM	8	0	20.95	21.08	21.02	22.50
3	16QAM	8	4	20.98	21.02	20.94	22.50
3	16QAM	8	7	21.00	20.94	21.02	22.50
3	16QAM	15	0	20.90	21.11	21.07	22.50
3	64QAM	1	0	21.13	21.09	20.94	22.50
3	64QAM	1	8	21.01	21.06	21.02	22.50
3	64QAM	1	14	20.97	21.10	20.94	22.50
3	64QAM	8	0	20.52	20.68	20.58	22.00
3	64QAM	8	4	20.59	20.68	20.72	22.00
3	64QAM	8	7	20.71	20.75	20.69	22.00
3	64QAM	15	0	20.63	20.60	20.58	22.00
3	256QAM	1	0	18.78	18.84	18.76	20.00
3	256QAM	1	8	18.61	18.71	18.72	20.00
3	256QAM	1	14	18.66	18.67	18.68	20.00
3	256QAM	8	0	18.68	18.73	18.70	20.00
3	256QAM	8	4	18.60	18.59	18.71	20.00
3	256QAM	8	7	18.67	18.67	18.59	20.00
3	256QAM	15	0	18.58	18.74	18.55	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	21.16	21.11	21.08	22.50
1.4	QPSK	1	3	20.90	21.13	21.04	22.50
1.4	QPSK	1	5	20.95	20.92	21.01	22.50
1.4	QPSK	3	0	21.17	21.20	21.09	22.50
1.4	QPSK	3	1	21.00	21.03	21.04	22.50
1.4	QPSK	3	3	21.04	21.00	21.05	22.50
1.4	QPSK	6	0	20.92	21.10	20.88	22.50
1.4	16QAM	1	0	20.93	20.99	21.02	22.50
1.4	16QAM	1	3	20.92	20.98	20.92	22.50
1.4	16QAM	1	5	21.08	21.00	21.01	22.50
1.4	16QAM	3	0	21.07	21.03	21.00	22.50
1.4	16QAM	3	1	20.97	20.95	20.95	22.50
1.4	16QAM	3	3	20.93	20.96	21.01	22.50
1.4	16QAM	6	0	20.90	21.09	21.08	22.50
1.4	64QAM	1	0	21.09	21.10	21.01	22.50
1.4	64QAM	1	3	21.03	21.03	21.04	22.50
1.4	64QAM	1	5	20.98	20.98	20.96	22.50
1.4	64QAM	3	0	21.01	21.15	21.07	22.50
1.4	64QAM	3	1	21.16	21.18	21.19	22.50
1.4	64QAM	3	3	21.14	21.21	21.17	22.50
1.4	64QAM	6	0	20.59	20.58	20.65	22.00
1.4	256QAM	1	0	18.83	18.75	18.85	20.00
1.4	256QAM	1	3	18.62	18.75	18.63	20.00
1.4	256QAM	1	5	18.68	18.61	18.63	20.00
1.4	256QAM	3	0	18.63	18.77	18.77	20.00
1.4	256QAM	3	1	18.55	18.54	18.70	20.00
1.4	256QAM	3	3	18.76	18.71	18.57	20.00
1.4	256QAM	6	0	18.56	18.74	18.63	20.00

【LTE Band 5_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.94	20.94	20.93	22.00
10	QPSK	1	25	20.76	20.79	20.81	22.00
10	QPSK	1	49	20.77	20.85	20.73	22.00
10	QPSK	25	0	20.89	20.91	20.83	22.00
10	QPSK	25	12	20.86	20.85	20.77	22.00
10	QPSK	25	25	20.78	20.76	20.83	22.00
10	QPSK	50	0	20.81	20.75	20.82	22.00
10	16QAM	1	0	20.81	20.79	20.74	22.00
10	16QAM	1	25	20.81	20.75	20.81	22.00
10	16QAM	1	49	20.81	20.78	20.78	22.00
10	16QAM	25	0	20.79	20.74	20.82	22.00
10	16QAM	25	12	20.84	20.83	20.82	22.00
10	16QAM	25	25	20.78	20.86	20.77	22.00
10	16QAM	50	0	20.78	20.75	20.80	22.00
10	64QAM	1	0	20.79	20.74	20.79	22.00
10	64QAM	1	25	20.74	20.82	20.81	22.00
10	64QAM	1	49	20.81	20.75	20.84	22.00
10	64QAM	25	0	20.76	20.82	20.77	22.00
10	64QAM	25	12	20.76	20.76	20.84	22.00
10	64QAM	25	25	20.85	20.79	20.76	22.00
10	64QAM	50	0	20.81	20.84	20.84	22.00
10	256QAM	1	0	19.49	19.47	19.44	20.50
10	256QAM	1	25	19.46	19.40	19.43	20.50
10	256QAM	1	49	19.50	19.49	19.48	20.50
10	256QAM	25	0	19.41	19.41	19.50	20.50
10	256QAM	25	12	19.39	19.43	19.39	20.50
10	256QAM	25	25	19.45	19.49	19.48	20.50
10	256QAM	50	0	19.45	19.40	19.38	20.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	20.81	20.85	20.79	22.00
5	QPSK	1	12	20.72	20.64	20.77	22.00
5	QPSK	1	24	20.75	20.82	20.58	22.00
5	QPSK	12	0	20.75	20.87	20.70	22.00
5	QPSK	12	7	20.76	20.78	20.72	22.00
5	QPSK	12	13	20.63	20.63	20.74	22.00
5	QPSK	25	0	20.71	20.64	20.78	22.00
5	16QAM	1	0	20.73	20.74	20.64	22.00
5	16QAM	1	12	20.76	20.69	20.79	22.00
5	16QAM	1	24	20.67	20.68	20.68	22.00
5	16QAM	12	0	20.76	20.59	20.71	22.00
5	16QAM	12	7	20.72	20.68	20.72	22.00
5	16QAM	12	13	20.73	20.72	20.74	22.00
5	16QAM	25	0	20.71	20.71	20.72	22.00
5	64QAM	1	0	20.68	20.72	20.68	22.00
5	64QAM	1	12	20.63	20.76	20.78	22.00
5	64QAM	1	24	20.76	20.70	20.77	22.00
5	64QAM	12	0	20.69	20.68	20.74	22.00
5	64QAM	12	7	20.67	20.67	20.77	22.00
5	64QAM	12	13	20.74	20.69	20.67	22.00
5	64QAM	25	0	20.76	20.71	20.76	22.00
5	256QAM	1	0	19.40	19.39	19.35	20.50
5	256QAM	1	12	19.37	19.26	19.41	20.50
5	256QAM	1	24	19.47	19.39	19.34	20.50
5	256QAM	12	0	19.35	19.36	19.48	20.50
5	256QAM	12	7	19.30	19.31	19.28	20.50
5	256QAM	12	13	19.35	19.35	19.44	20.50
5	256QAM	25	0	19.34	19.33	19.34	20.50
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	20.88	20.88	20.84	22.00
3	QPSK	1	8	20.72	20.72	20.68	22.00
3	QPSK	1	14	20.74	20.75	20.63	22.00
3	QPSK	8	0	20.81	20.78	20.68	22.00
3	QPSK	8	4	20.83	20.77	20.73	22.00
3	QPSK	8	7	20.74	20.65	20.69	22.00
3	QPSK	15	0	20.69	20.69	20.72	22.00
3	16QAM	1	0	20.68	20.71	20.61	22.00
3	16QAM	1	8	20.72	20.72	20.70	22.00

3	16QAM	1	14	20.78	20.74	20.73	22.00
3	16QAM	8	0	20.69	20.71	20.75	22.00
3	16QAM	8	4	20.82	20.70	20.73	22.00
3	16QAM	8	7	20.75	20.76	20.75	22.00
3	16QAM	15	0	20.73	20.73	20.67	22.00
3	64QAM	1	0	20.64	20.61	20.64	22.00
3	64QAM	1	8	20.60	20.76	20.80	22.00
3	64QAM	1	14	20.74	20.66	20.82	22.00
3	64QAM	8	0	20.74	20.74	20.74	22.00
3	64QAM	8	4	20.67	20.62	20.71	22.00
3	64QAM	8	7	20.81	20.74	20.73	22.00
3	64QAM	15	0	20.68	20.74	20.70	22.00
3	256QAM	1	0	19.35	19.34	19.38	20.50
3	256QAM	1	8	19.31	19.35	19.31	20.50
3	256QAM	1	14	19.47	19.38	19.37	20.50
3	256QAM	8	0	19.39	19.35	19.40	20.50
3	256QAM	8	4	19.33	19.42	19.29	20.50
3	256QAM	8	7	19.36	19.45	19.36	20.50
3	256QAM	15	0	19.30	19.38	19.24	20.50
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	20.93	20.88	20.82	22.00
1.4	QPSK	1	3	20.64	20.66	20.79	22.00
1.4	QPSK	1	5	20.71	20.80	20.64	22.00
1.4	QPSK	3	0	20.74	20.84	20.81	22.00
1.4	QPSK	3	1	20.74	20.72	20.69	22.00
1.4	QPSK	3	3	20.72	20.62	20.76	22.00
1.4	QPSK	6	0	20.70	20.71	20.68	22.00
1.4	16QAM	1	0	20.73	20.65	20.72	22.00
1.4	16QAM	1	3	20.72	20.72	20.72	22.00
1.4	16QAM	1	5	20.72	20.77	20.63	22.00
1.4	16QAM	3	0	20.73	20.62	20.77	22.00
1.4	16QAM	3	1	20.70	20.74	20.79	22.00
1.4	16QAM	3	3	20.71	20.84	20.69	22.00
1.4	16QAM	6	0	20.67	20.64	20.66	22.00
1.4	64QAM	1	0	20.74	20.61	20.72	22.00
1.4	64QAM	1	3	20.64	20.73	20.69	22.00
1.4	64QAM	1	5	20.75	20.71	20.73	22.00
1.4	64QAM	3	0	20.65	20.79	20.73	22.00
1.4	64QAM	3	1	20.71	20.72	20.83	22.00
1.4	64QAM	3	3	20.81	20.67	20.63	22.00
1.4	64QAM	6	0	20.69	20.72	20.72	22.00
1.4	256QAM	1	0	19.45	19.45	19.36	20.50
1.4	256QAM	1	3	19.42	19.33	19.35	20.50
1.4	256QAM	1	5	19.38	19.41	19.44	20.50
1.4	256QAM	3	0	19.38	19.36	19.44	20.50
1.4	256QAM	3	1	19.37	19.39	19.38	20.50
1.4	256QAM	3	3	19.41	19.34	19.38	20.50
1.4	256QAM	6	0	19.33	19.33	19.28	20.50

【LTE Band 5_Ant 1_ECI 5-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.81	20.85	20.84	22.00
10	QPSK	1	25	20.60	20.66	20.70	22.00
10	QPSK	1	49	20.67	20.72	20.60	22.00
10	QPSK	25	0	20.83	20.84	20.81	22.00
10	QPSK	25	12	20.80	20.81	20.81	22.00
10	QPSK	25	25	20.62	20.66	20.75	22.00
10	QPSK	50	0	20.66	20.60	20.73	22.00
10	16QAM	1	0	20.71	20.70	20.56	22.00
10	16QAM	1	25	20.72	20.57	20.63	22.00
10	16QAM	1	49	20.64	20.59	20.67	22.00
10	16QAM	25	0	20.70	20.58	20.70	22.00
10	16QAM	25	12	20.73	20.68	20.66	22.00
10	16QAM	25	25	20.69	20.57	20.69	22.00
10	16QAM	50	0	20.66	20.69	20.62	22.00
10	64QAM	1	0	20.66	20.73	20.65	22.00
10	64QAM	1	25	20.68	20.66	20.64	22.00
10	64QAM	1	49	20.62	20.58	20.62	22.00

10	64QAM	25	0	20.54	20.66	20.70	22.00
10	64QAM	25	12	20.64	20.66	20.74	22.00
10	64QAM	25	25	20.57	20.69	20.63	22.00
10	64QAM	50	0	20.68	20.60	20.69	22.00
10	256QAM	1	0	18.82	18.81	18.86	20.00
10	256QAM	1	25	18.80	18.86	18.76	20.00
10	256QAM	1	49	18.91	18.93	18.81	20.00
10	256QAM	25	0	18.87	18.89	18.83	20.00
10	256QAM	25	12	18.84	18.76	18.84	20.00
10	256QAM	25	25	18.82	18.73	18.83	20.00
10	256QAM	50	0	18.78	18.85	18.80	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	20.78	20.81	20.69	22.00
5	QPSK	1	12	20.58	20.61	20.55	22.00
5	QPSK	1	24	20.57	20.67	20.53	22.00
5	QPSK	12	0	20.67	20.74	20.50	22.00
5	QPSK	12	7	20.79	20.76	20.70	22.00
5	QPSK	12	13	20.60	20.53	20.70	22.00
5	QPSK	25	0	20.62	20.53	20.59	22.00
5	16QAM	1	0	20.63	20.64	20.43	22.00
5	16QAM	1	12	20.59	20.43	20.58	22.00
5	16QAM	1	24	20.54	20.50	20.65	22.00
5	16QAM	12	0	20.68	20.51	20.56	22.00
5	16QAM	12	7	20.59	20.63	20.61	22.00
5	16QAM	12	13	20.65	20.53	20.66	22.00
5	16QAM	25	0	20.63	20.66	20.53	22.00
5	64QAM	1	0	20.57	20.63	20.61	22.00
5	64QAM	1	12	20.65	20.61	20.59	22.00
5	64QAM	1	24	20.59	20.44	20.59	22.00
5	64QAM	12	0	20.40	20.60	20.67	22.00
5	64QAM	12	7	20.51	20.55	20.61	22.00
5	64QAM	12	13	20.45	20.63	20.50	22.00
5	64QAM	25	0	20.67	20.59	20.65	22.00
5	256QAM	1	0	18.76	18.79	18.75	20.00
5	256QAM	1	12	18.78	18.75	18.69	20.00
5	256QAM	1	24	18.86	18.81	18.78	20.00
5	256QAM	12	0	18.83	18.86	18.69	20.00
5	256QAM	12	7	18.75	18.69	18.73	20.00
5	256QAM	12	13	18.79	18.62	18.69	20.00
5	256QAM	25	0	18.64	18.81	18.79	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.76	20.76	20.77	22.00
3	QPSK	1	8	20.51	20.54	20.62	22.00
3	QPSK	1	14	20.65	20.58	20.48	22.00
3	QPSK	8	0	20.75	20.69	20.52	22.00
3	QPSK	8	4	20.79	20.69	20.68	22.00
3	QPSK	8	7	20.57	20.54	20.62	22.00
3	QPSK	15	0	20.62	20.56	20.71	22.00
3	16QAM	1	0	20.58	20.64	20.42	22.00
3	16QAM	1	8	20.64	20.54	20.61	22.00
3	16QAM	1	14	20.56	20.58	20.55	22.00
3	16QAM	8	0	20.60	20.57	20.66	22.00
3	16QAM	8	4	20.62	20.53	20.62	22.00
3	16QAM	8	7	20.55	20.50	20.58	22.00
3	16QAM	15	0	20.54	20.60	20.52	22.00
3	64QAM	1	0	20.52	20.61	20.55	22.00
3	64QAM	1	8	20.57	20.59	20.59	22.00
3	64QAM	1	14	20.48	20.55	20.57	22.00
3	64QAM	8	0	20.46	20.56	20.65	22.00
3	64QAM	8	4	20.51	20.51	20.73	22.00
3	64QAM	8	7	20.54	20.56	20.49	22.00
3	64QAM	15	0	20.54	20.58	20.57	22.00
3	256QAM	1	0	18.80	18.79	18.84	20.00
3	256QAM	1	8	18.73	18.82	18.73	20.00
3	256QAM	1	14	18.81	18.84	18.79	20.00
3	256QAM	8	0	18.83	18.80	18.72	20.00
3	256QAM	8	4	18.73	18.71	18.77	20.00
3	256QAM	8	7	18.68	18.60	18.75	20.00
3	256QAM	15	0	18.64	18.81	18.77	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.73	20.75	20.70	22.00
1.4	QPSK	1	3	20.50	20.54	20.64	22.00
1.4	QPSK	1	5	20.62	20.58	20.49	22.00
1.4	QPSK	3	0	20.71	20.76	20.54	22.00
1.4	QPSK	3	1	20.77	20.82	20.78	22.00

1.4	QPSK	3	3	20.54	20.51	20.62	22.00
1.4	QPSK	6	0	20.59	20.54	20.63	22.00
1.4	16QAM	1	0	20.65	20.62	20.48	22.00
1.4	16QAM	1	3	20.69	20.49	20.59	22.00
1.4	16QAM	1	5	20.54	20.51	20.56	22.00
1.4	16QAM	3	0	20.64	20.48	20.55	22.00
1.4	16QAM	3	1	20.69	20.56	20.59	22.00
1.4	16QAM	3	3	20.55	20.51	20.63	22.00
1.4	16QAM	6	0	20.59	20.64	20.55	22.00
1.4	64QAM	1	0	20.63	20.61	20.52	22.00
1.4	64QAM	1	3	20.62	20.62	20.56	22.00
1.4	64QAM	1	5	20.55	20.44	20.56	22.00
1.4	64QAM	3	0	20.41	20.64	20.61	22.00
1.4	64QAM	3	1	20.57	20.53	20.69	22.00
1.4	64QAM	3	3	20.54	20.55	20.61	22.00
1.4	64QAM	6	0	20.63	20.50	20.64	22.00
1.4	256QAM	1	0	18.76	18.72	18.82	20.00
1.4	256QAM	1	3	18.72	18.85	18.65	20.00
1.4	256QAM	1	5	18.80	18.84	18.70	20.00
1.4	256QAM	3	0	18.79	18.84	18.78	20.00
1.4	256QAM	3	1	18.78	18.67	18.70	20.00
1.4	256QAM	3	3	18.67	18.67	18.71	20.00
1.4	256QAM	6	0	18.76	18.74	18.66	20.00

【LTE Band 7_Ant 2_Default】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	24.59
20	QPSK	1	49	24.41
20	QPSK	1	99	24.54
20	QPSK	50	0	23.61
20	QPSK	50	24	23.59
20	QPSK	50	50	23.53
20	QPSK	100	0	23.55
20	16QAM	1	0	23.61
20	16QAM	1	49	23.60
20	16QAM	1	99	23.54
20	16QAM	50	0	22.56
20	16QAM	50	24	22.61
20	16QAM	50	50	22.60
20	16QAM	100	0	22.52
20	64QAM	1	0	22.64
20	64QAM	1	49	22.56
20	64QAM	1	99	22.66
20	64QAM	50	0	21.59
20	64QAM	50	24	21.61
20	64QAM	50	50	21.58
20	64QAM	100	0	21.59
20	256QAM	1	0	19.65
20	256QAM	1	49	19.58
20	256QAM	1	99	19.66
20	256QAM	50	0	19.58
20	256QAM	50	24	19.51
20	256QAM	50	50	19.52
20	256QAM	100	0	19.61
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	24.55
15	QPSK	1	37	24.31
15	QPSK	1	74	24.43
15	QPSK	36	0	23.51
15	QPSK	36	20	23.57
15	QPSK	36	39	23.40
15	QPSK	75	0	23.48
15	16QAM	1	0	23.50
15	16QAM	1	37	23.55
15	16QAM	1	74	23.40
15	16QAM	36	0	22.49
15	16QAM	36	20	22.57
15	16QAM	36	39	22.48

15	16QAM	75	0	22.48	22.43	22.42	23.50
15	64QAM	1	0	22.54	22.41	22.60	23.50
15	64QAM	1	37	22.51	22.52	22.47	23.50
15	64QAM	1	74	22.58	22.58	22.63	23.50
15	64QAM	36	0	21.55	21.51	21.47	22.50
15	64QAM	36	20	21.53	21.51	21.41	22.50
15	64QAM	36	39	21.43	21.55	21.58	22.50
15	64QAM	75	0	21.44	21.60	21.56	22.50
15	256QAM	1	0	19.55	19.58	19.62	20.50
15	256QAM	1	37	19.52	19.55	19.46	20.50
15	256QAM	1	74	19.64	19.67	19.60	20.50
15	256QAM	36	0	19.49	19.50	19.38	20.50
15	256QAM	36	20	19.43	19.53	19.41	20.50
15	256QAM	36	39	19.38	19.45	19.45	20.50
15	256QAM	75	0	19.53	19.53	19.42	20.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.44	24.58	24.45	25.50
10	QPSK	1	25	24.29	24.45	24.42	25.50
10	QPSK	1	49	24.43	24.48	24.41	25.50
10	QPSK	25	0	23.51	23.59	23.47	24.50
10	QPSK	25	12	23.51	23.56	23.47	24.50
10	QPSK	25	25	23.42	23.61	23.59	24.50
10	QPSK	50	0	23.47	23.40	23.50	24.50
10	16QAM	1	0	23.57	23.59	23.47	24.50
10	16QAM	1	25	23.48	23.55	23.46	24.50
10	16QAM	1	49	23.45	23.60	23.51	24.50
10	16QAM	25	0	22.52	22.65	22.40	23.50
10	16QAM	25	12	22.53	22.70	22.54	23.50
10	16QAM	25	25	22.57	22.48	22.46	23.50
10	16QAM	50	0	22.43	22.46	22.52	23.50
10	64QAM	1	0	22.51	22.42	22.51	23.50
10	64QAM	1	25	22.46	22.52	22.55	23.50
10	64QAM	1	49	22.60	22.60	22.56	23.50
10	64QAM	25	0	21.47	21.48	21.38	22.50
10	64QAM	25	12	21.49	21.54	21.40	22.50
10	64QAM	25	25	21.45	21.63	21.59	22.50
10	64QAM	50	0	21.56	21.58	21.61	22.50
10	256QAM	1	0	19.57	19.53	19.63	20.50
10	256QAM	1	25	19.50	19.59	19.53	20.50
10	256QAM	1	49	19.57	19.65	19.62	20.50
10	256QAM	25	0	19.43	19.58	19.45	20.50
10	256QAM	25	12	19.37	19.50	19.41	20.50
10	256QAM	25	25	19.48	19.43	19.48	20.50
10	256QAM	50	0	19.53	19.65	19.48	20.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	24.54	24.54	24.48	25.50
5	QPSK	1	12	24.26	24.47	24.33	25.50
5	QPSK	1	24	24.48	24.39	24.44	25.50
5	QPSK	12	0	23.50	23.58	23.47	24.50
5	QPSK	12	7	23.57	23.54	23.55	24.50
5	QPSK	12	13	23.52	23.63	23.59	24.50
5	QPSK	25	0	23.48	23.41	23.52	24.50
5	16QAM	1	0	23.49	23.57	23.37	24.50
5	16QAM	1	12	23.45	23.60	23.46	24.50
5	16QAM	1	24	23.52	23.57	23.51	24.50
5	16QAM	12	0	22.54	22.58	22.44	23.50
5	16QAM	12	7	22.56	22.63	22.49	23.50
5	16QAM	12	13	22.51	22.47	22.48	23.50
5	16QAM	25	0	22.41	22.47	22.49	23.50
5	64QAM	1	0	22.51	22.42	22.59	23.50
5	64QAM	1	12	22.52	22.52	22.56	23.50
5	64QAM	1	24	22.56	22.60	22.57	23.50
5	64QAM	12	0	21.52	21.44	21.37	22.50
5	64QAM	12	7	21.50	21.48	21.41	22.50
5	64QAM	12	13	21.47	21.62	21.61	22.50
5	64QAM	25	0	21.55	21.59	21.64	22.50
5	256QAM	1	0	19.53	19.61	19.55	20.50
5	256QAM	1	12	19.55	19.58	19.49	20.50
5	256QAM	1	24	19.52	19.59	19.55	20.50
5	256QAM	12	0	19.47	19.57	19.46	20.50
5	256QAM	12	7	19.41	19.51	19.44	20.50
5	256QAM	12	13	19.47	19.45	19.54	20.50
5	256QAM	25	0	19.50	19.59	19.40	20.50

【LTE Band 7_Ant 2_Default-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.07	24.11	24.10	25.50
20	QPSK	1	49	24.01	23.95	23.93	25.50
20	QPSK	1	99	24.02	24.03	23.92	25.50
20	QPSK	50	0	23.10	23.25	23.14	24.50
20	QPSK	50	24	23.12	23.20	23.00	24.50
20	QPSK	50	50	23.09	23.15	23.11	24.50
20	QPSK	100	0	23.06	23.07	23.02	24.50
20	16QAM	1	0	23.03	23.16	23.07	24.50
20	16QAM	1	49	23.03	23.12	23.05	24.50
20	16QAM	1	99	22.99	23.16	22.99	24.50
20	16QAM	50	0	22.08	22.15	22.10	23.50
20	16QAM	50	24	22.12	22.16	22.15	23.50
20	16QAM	50	50	22.09	22.07	22.10	23.50
20	16QAM	100	0	22.09	22.15	22.04	23.50
20	64QAM	1	0	22.10	22.07	22.08	23.50
20	64QAM	1	49	22.04	22.10	22.14	23.50
20	64QAM	1	99	22.09	22.12	22.13	23.50
20	64QAM	50	0	21.15	21.06	20.99	22.50
20	64QAM	50	24	21.07	21.10	21.08	22.50
20	64QAM	50	50	21.00	21.07	21.11	22.50
20	64QAM	100	0	21.04	21.13	21.07	22.50
20	256QAM	1	0	19.15	19.14	19.15	20.50
20	256QAM	1	49	19.12	19.15	19.11	20.50
20	256QAM	1	99	19.10	19.13	19.07	20.50
20	256QAM	50	0	19.09	19.19	19.01	20.50
20	256QAM	50	24	19.00	19.11	19.08	20.50
20	256QAM	50	50	19.00	19.05	19.06	20.50
20	256QAM	100	0	19.11	19.11	19.01	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.04	24.07	23.95	25.50
15	QPSK	1	37	23.95	23.86	23.82	25.50
15	QPSK	1	74	23.91	23.98	23.79	25.50
15	QPSK	36	0	23.00	23.12	22.99	24.50
15	QPSK	36	20	23.06	23.06	22.87	24.50
15	QPSK	36	39	23.01	23.12	23.09	24.50
15	QPSK	75	0	23.00	23.04	22.99	24.50
15	16QAM	1	0	22.99	23.10	23.02	24.50
15	16QAM	1	37	22.96	23.09	22.97	24.50
15	16QAM	1	74	22.87	23.13	22.90	24.50
15	16QAM	36	0	21.96	22.11	22.08	23.50
15	16QAM	36	20	22.00	22.05	22.09	23.50
15	16QAM	36	39	22.06	21.92	21.99	23.50
15	16QAM	75	0	22.04	22.01	21.99	23.50
15	64QAM	1	0	21.99	22.06	21.94	23.50
15	64QAM	1	37	22.02	22.01	22.12	23.50
15	64QAM	1	74	22.01	21.99	21.99	23.50
15	64QAM	36	0	21.01	20.97	20.88	22.50
15	64QAM	36	20	20.99	21.04	20.93	22.50
15	64QAM	36	39	20.94	21.01	21.08	22.50
15	64QAM	75	0	20.99	20.99	21.00	22.50
15	256QAM	1	0	19.04	19.10	19.04	20.50
15	256QAM	1	37	19.00	19.01	18.98	20.50
15	256QAM	1	74	19.00	19.10	18.96	20.50
15	256QAM	36	0	19.01	19.04	18.87	20.50
15	256QAM	36	20	18.95	18.98	19.02	20.50
15	256QAM	36	39	18.92	18.98	18.99	20.50
15	256QAM	75	0	19.06	19.02	18.88	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.02	24.00	24.08	25.50
10	QPSK	1	25	23.92	23.82	23.87	25.50
10	QPSK	1	49	23.93	23.94	23.91	25.50
10	QPSK	25	0	23.06	23.20	23.05	24.50
10	QPSK	25	12	22.98	23.18	22.99	24.50
10	QPSK	25	25	23.04	23.12	22.98	24.50
10	QPSK	50	0	23.04	22.93	22.90	24.50
10	16QAM	1	0	22.96	23.02	23.00	24.50
10	16QAM	1	25	22.89	23.05	23.00	24.50

10	16QAM	1	49	22.86	23.10	22.91	24.50
10	16QAM	25	0	22.07	22.08	22.09	23.50
10	16QAM	25	12	22.05	22.03	22.11	23.50
10	16QAM	25	25	22.04	21.92	22.04	23.50
10	16QAM	50	0	22.01	22.08	22.00	23.50
10	64QAM	1	0	22.05	21.97	22.03	23.50
10	64QAM	1	25	21.95	22.05	22.05	23.50
10	64QAM	1	49	22.00	22.10	22.06	23.50
10	64QAM	25	0	21.12	20.95	20.90	22.50
10	64QAM	25	12	21.02	21.01	21.06	22.50
10	64QAM	25	25	20.86	20.98	21.08	22.50
10	64QAM	50	0	20.92	21.03	20.93	22.50
10	256QAM	1	0	19.06	19.03	19.04	20.50
10	256QAM	1	25	19.02	19.06	19.06	20.50
10	256QAM	1	49	19.06	19.03	19.06	20.50
10	256QAM	25	0	19.07	19.07	18.94	20.50
10	256QAM	25	12	18.86	18.99	19.00	20.50
10	256QAM	25	25	18.90	18.94	19.00	20.50
10	256QAM	50	0	18.99	19.09	18.94	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.95	23.98	24.03	25.50
5	QPSK	1	12	23.88	23.90	23.86	25.50
5	QPSK	1	24	23.99	24.01	23.80	25.50
5	QPSK	12	0	22.95	23.16	23.12	24.50
5	QPSK	12	7	23.01	23.07	22.94	24.50
5	QPSK	12	13	23.03	23.05	23.00	24.50
5	QPSK	25	0	23.01	23.05	22.90	24.50
5	16QAM	1	0	23.02	23.07	22.96	24.50
5	16QAM	1	12	23.02	23.00	22.98	24.50
5	16QAM	1	24	22.87	23.11	22.97	24.50
5	16QAM	12	0	22.03	22.10	22.03	23.50
5	16QAM	12	7	22.03	22.06	22.01	23.50
5	16QAM	12	13	21.95	21.95	22.07	23.50
5	16QAM	25	0	21.97	22.13	21.97	23.50
5	64QAM	1	0	22.00	21.97	21.96	23.50
5	64QAM	1	12	21.93	21.96	22.01	23.50
5	64QAM	1	24	21.95	22.01	22.10	23.50
5	64QAM	12	0	21.12	21.02	20.89	22.50
5	64QAM	12	7	20.93	21.02	20.97	22.50
5	64QAM	12	13	20.96	20.97	21.07	22.50
5	64QAM	25	0	20.95	21.06	20.95	22.50
5	256QAM	1	0	19.01	19.02	19.03	20.50
5	256QAM	1	12	19.02	19.10	19.02	20.50
5	256QAM	1	24	19.02	18.99	19.04	20.50
5	256QAM	12	0	19.04	19.09	18.92	20.50
5	256QAM	12	7	18.99	18.97	19.05	20.50
5	256QAM	12	13	18.96	18.98	18.97	20.50
5	256QAM	25	0	18.98	19.17	19.06	20.50

【LTE Band 7_Ant 2_ECI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.25	15.28	15.23	16.00
20	QPSK	1	49	14.96	15.16	15.00	16.00
20	QPSK	1	99	15.02	15.19	14.99	16.00
20	QPSK	50	0	15.21	15.25	15.19	16.00
20	QPSK	50	24	14.96	15.15	15.01	16.00
20	QPSK	50	50	14.93	15.11	14.91	16.00
20	QPSK	100	0	14.97	15.09	14.99	16.00
20	16QAM	1	0	15.01	15.09	14.97	16.00
20	16QAM	1	49	15.04	15.16	14.97	16.00
20	16QAM	1	99	14.92	15.14	15.02	16.00
20	16QAM	50	0	15.03	15.17	14.97	16.00
20	16QAM	50	24	14.95	15.19	14.94	16.00
20	16QAM	50	50	15.00	15.18	14.94	16.00
20	16QAM	100	0	15.01	15.19	14.98	16.00
20	64QAM	1	0	15.02	15.15	14.99	16.00
20	64QAM	1	49	15.00	15.13	15.02	16.00
20	64QAM	1	99	14.96	15.15	14.97	16.00

20	64QAM	50	0	14.99	15.10	15.00	16.00
20	64QAM	50	24	14.92	15.12	15.01	16.00
20	64QAM	50	50	14.93	15.16	14.95	16.00
20	64QAM	100	0	14.94	15.11	14.91	16.00
20	256QAM	1	0	15.00	15.18	14.99	16.00
20	256QAM	1	49	14.99	15.08	14.98	16.00
20	256QAM	1	99	15.00	15.19	15.02	16.00
20	256QAM	50	0	14.95	15.14	14.99	16.00
20	256QAM	50	24	15.02	15.15	14.95	16.00
20	256QAM	50	50	15.02	15.19	14.99	16.00
20	256QAM	100	0	14.96	15.18	15.01	16.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.21	15.25	15.14	16.00
15	QPSK	1	37	14.93	15.12	14.90	16.00
15	QPSK	1	74	14.88	15.15	14.98	16.00
15	QPSK	36	0	15.12	15.13	15.13	16.00
15	QPSK	36	20	14.90	15.04	14.89	16.00
15	QPSK	36	39	14.83	15.08	14.89	16.00
15	QPSK	75	0	14.92	15.07	14.85	16.00
15	16QAM	1	0	14.99	15.03	14.88	16.00
15	16QAM	1	37	14.93	15.02	14.91	16.00
15	16QAM	1	74	14.84	15.09	14.92	16.00
15	16QAM	36	0	15.01	15.15	14.86	16.00
15	16QAM	36	20	14.91	15.05	14.79	16.00
15	16QAM	36	39	14.93	15.08	14.92	16.00
15	16QAM	75	0	14.90	15.05	14.84	16.00
15	64QAM	1	0	14.95	15.09	14.91	16.00
15	64QAM	1	37	14.90	15.06	14.96	16.00
15	64QAM	1	74	14.85	15.06	14.95	16.00
15	64QAM	36	0	14.94	15.01	14.86	16.00
15	64QAM	36	20	14.87	15.11	14.99	16.00
15	64QAM	36	39	14.91	15.02	14.85	16.00
15	64QAM	75	0	14.86	15.01	14.82	16.00
15	256QAM	1	0	14.97	15.05	14.93	16.00
15	256QAM	1	37	14.96	14.95	14.88	16.00
15	256QAM	1	74	14.97	15.14	14.89	16.00
15	256QAM	36	0	14.83	15.03	14.96	16.00
15	256QAM	36	20	14.92	15.07	14.82	16.00
15	256QAM	36	39	14.90	15.10	14.88	16.00
15	256QAM	75	0	14.85	15.09	14.99	16.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.15	15.19	15.10	16.00
10	QPSK	1	25	14.92	15.11	14.86	16.00
10	QPSK	1	49	14.93	15.15	14.84	16.00
10	QPSK	25	0	15.19	15.15	15.18	16.00
10	QPSK	25	12	14.92	15.01	14.94	16.00
10	QPSK	25	25	14.79	15.10	14.83	16.00
10	QPSK	50	0	14.90	14.96	14.84	16.00
10	16QAM	1	0	14.96	15.04	14.92	16.00
10	16QAM	1	25	14.94	15.11	14.87	16.00
10	16QAM	1	49	14.81	15.06	14.92	16.00
10	16QAM	25	0	14.92	15.07	14.90	16.00
10	16QAM	25	12	14.86	15.12	14.80	16.00
10	16QAM	25	25	14.91	15.12	14.93	16.00
10	16QAM	50	0	14.96	15.05	14.90	16.00
10	64QAM	1	0	14.92	15.13	14.98	16.00
10	64QAM	1	25	14.88	14.99	14.96	16.00
10	64QAM	1	49	14.83	15.02	14.88	16.00
10	64QAM	25	0	14.98	15.08	14.93	16.00
10	64QAM	25	12	14.78	15.00	14.98	16.00
10	64QAM	25	25	14.80	15.13	14.89	16.00
10	64QAM	50	0	14.91	15.00	14.84	16.00
10	256QAM	1	0	14.88	15.12	14.93	16.00
10	256QAM	1	25	14.94	14.99	14.85	16.00
10	256QAM	1	49	14.85	15.05	14.91	16.00
10	256QAM	25	0	14.90	15.00	14.87	16.00
10	256QAM	25	12	14.89	15.11	14.93	16.00
10	256QAM	25	25	14.94	15.11	14.85	16.00
10	256QAM	50	0	14.91	15.16	14.88	16.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.23	15.25	15.11	16.00
5	QPSK	1	12	14.83	15.05	14.87	16.00
5	QPSK	1	24	15.00	15.08	14.88	16.00
5	QPSK	12	0	15.19	15.23	15.18	16.00
5	QPSK	12	7	14.87	15.02	14.93	16.00

5	QPSK	12	13	14.91	15.03	14.81	16.00
5	QPSK	25	0	14.84	14.96	14.86	16.00
5	16QAM	1	0	14.98	15.05	14.87	16.00
5	16QAM	1	12	14.98	15.13	14.87	16.00
5	16QAM	1	24	14.88	15.05	15.00	16.00
5	16QAM	12	0	15.02	15.12	14.96	16.00
5	16QAM	12	7	14.85	15.06	14.86	16.00
5	16QAM	12	13	14.94	15.12	14.81	16.00
5	16QAM	25	0	14.94	15.05	14.93	16.00
5	64QAM	1	0	15.01	15.11	14.97	16.00
5	64QAM	1	12	14.89	15.11	14.90	16.00
5	64QAM	1	24	14.92	15.01	14.91	16.00
5	64QAM	12	0	14.95	14.97	14.92	16.00
5	64QAM	12	7	14.89	15.03	14.89	16.00
5	64QAM	12	13	14.87	15.11	14.83	16.00
5	64QAM	25	0	14.82	15.04	14.79	16.00
5	256QAM	1	0	14.92	15.14	14.94	16.00
5	256QAM	1	12	14.87	14.93	14.85	16.00
5	256QAM	1	24	14.91	15.14	14.90	16.00
5	256QAM	12	0	14.83	15.04	14.94	16.00
5	256QAM	12	7	14.99	15.11	14.92	16.00
5	256QAM	12	13	14.90	15.04	14.95	16.00
5	256QAM	25	0	14.94	15.05	14.98	16.00

【LTE Band 7_Ant 2_ECI 1-1】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	15.17
20	QPSK	1	49	14.84
20	QPSK	1	99	14.84
20	QPSK	50	0	15.17
20	QPSK	50	24	14.85
20	QPSK	50	50	14.80
20	QPSK	100	0	14.82
20	16QAM	1	0	14.90
20	16QAM	1	49	14.87
20	16QAM	1	99	14.81
20	16QAM	50	0	14.84
20	16QAM	50	24	14.82
20	16QAM	50	50	14.85
20	16QAM	100	0	14.87
20	64QAM	1	0	14.90
20	64QAM	1	49	14.88
20	64QAM	1	99	14.79
20	64QAM	50	0	14.85
20	64QAM	50	24	14.80
20	64QAM	50	50	14.80
20	64QAM	100	0	14.79
20	256QAM	1	0	14.88
20	256QAM	1	49	14.81
20	256QAM	1	99	14.87
20	256QAM	50	0	14.82
20	256QAM	50	24	14.89
20	256QAM	50	50	14.83
20	256QAM	100	0	14.85
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.16
15	QPSK	1	37	14.72
15	QPSK	1	74	14.77
15	QPSK	36	0	15.12
15	QPSK	36	20	14.80
15	QPSK	36	39	14.78
15	QPSK	75	0	14.71
15	16QAM	1	0	14.80
15	16QAM	1	37	14.76
15	16QAM	1	74	14.72
15	16QAM	36	0	14.80
15	16QAM	36	20	14.74
15	16QAM	36	39	14.82

15	16QAM	75	0	14.79	15.01	14.79	16.50
15	64QAM	1	0	14.78	15.05	14.70	16.50
15	64QAM	1	37	14.77	14.90	14.70	16.50
15	64QAM	1	74	14.76	15.02	14.71	16.50
15	64QAM	36	0	14.80	14.91	14.79	16.50
15	64QAM	36	20	14.78	14.93	14.79	16.50
15	64QAM	36	39	14.65	15.03	14.77	16.50
15	64QAM	75	0	14.74	14.90	14.66	16.50
15	256QAM	1	0	14.83	14.86	14.74	16.50
15	256QAM	1	37	14.69	14.87	14.82	16.50
15	256QAM	1	74	14.81	15.02	14.84	16.50
15	256QAM	36	0	14.74	14.95	14.70	16.50
15	256QAM	36	20	14.83	14.90	14.80	16.50
15	256QAM	36	39	14.72	15.01	14.81	16.50
15	256QAM	75	0	14.73	14.90	14.86	16.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.10	15.15	15.11	16.50
10	QPSK	1	25	14.82	14.95	14.83	16.50
10	QPSK	1	49	14.71	14.97	14.84	16.50
10	QPSK	25	0	15.15	15.17	15.07	16.50
10	QPSK	25	12	14.74	14.96	14.70	16.50
10	QPSK	25	25	14.71	14.85	14.72	16.50
10	QPSK	50	0	14.69	14.90	14.71	16.50
10	16QAM	1	0	14.85	14.79	14.83	16.50
10	16QAM	1	25	14.77	14.92	14.73	16.50
10	16QAM	1	49	14.74	15.00	14.91	16.50
10	16QAM	25	0	14.80	14.87	14.75	16.50
10	16QAM	25	12	14.69	14.94	14.74	16.50
10	16QAM	25	25	14.76	14.96	14.75	16.50
10	16QAM	50	0	14.82	14.93	14.83	16.50
10	64QAM	1	0	14.88	14.99	14.74	16.50
10	64QAM	1	25	14.81	14.91	14.84	16.50
10	64QAM	1	49	14.66	15.05	14.78	16.50
10	64QAM	25	0	14.79	14.95	14.66	16.50
10	64QAM	25	12	14.66	14.83	14.86	16.50
10	64QAM	25	25	14.74	15.00	14.74	16.50
10	64QAM	50	0	14.67	14.91	14.64	16.50
10	256QAM	1	0	14.76	14.96	14.77	16.50
10	256QAM	1	25	14.66	14.91	14.89	16.50
10	256QAM	1	49	14.76	14.90	14.89	16.50
10	256QAM	25	0	14.70	14.84	14.71	16.50
10	256QAM	25	12	14.83	14.92	14.81	16.50
10	256QAM	25	25	14.72	15.06	14.75	16.50
10	256QAM	50	0	14.70	14.99	14.86	16.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.14	15.14	15.15	16.50
5	QPSK	1	12	14.74	14.91	14.70	16.50
5	QPSK	1	24	14.72	15.03	14.75	16.50
5	QPSK	12	0	15.16	15.17	15.08	16.50
5	QPSK	12	7	14.76	14.89	14.79	16.50
5	QPSK	12	13	14.70	14.83	14.66	16.50
5	QPSK	25	0	14.81	14.88	14.76	16.50
5	16QAM	1	0	14.85	14.85	14.83	16.50
5	16QAM	1	12	14.78	14.89	14.77	16.50
5	16QAM	1	24	14.67	14.90	14.84	16.50
5	16QAM	12	0	14.71	14.97	14.80	16.50
5	16QAM	12	7	14.70	14.93	14.69	16.50
5	16QAM	12	13	14.73	14.96	14.70	16.50
5	16QAM	25	0	14.84	14.94	14.86	16.50
5	64QAM	1	0	14.83	14.95	14.77	16.50
5	64QAM	1	12	14.77	14.91	14.79	16.50
5	64QAM	1	24	14.66	14.95	14.80	16.50
5	64QAM	12	0	14.83	14.88	14.66	16.50
5	64QAM	12	7	14.71	14.88	14.78	16.50
5	64QAM	12	13	14.77	14.98	14.71	16.50
5	64QAM	25	0	14.77	14.92	14.76	16.50
5	256QAM	1	0	14.73	14.97	14.65	16.50
5	256QAM	1	12	14.79	14.85	14.88	16.50
5	256QAM	1	24	14.86	15.02	14.86	16.50
5	256QAM	12	0	14.68	14.88	14.75	16.50
5	256QAM	12	7	14.81	14.97	14.73	16.50
5	256QAM	12	13	14.69	14.98	14.73	16.50
5	256QAM	25	0	14.78	14.96	14.77	16.50

【LTE Band 7_Ant 2_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.62	15.68	15.61	16.50
20	QPSK	1	49	15.42	15.56	15.42	16.50
20	QPSK	1	99	15.46	15.49	15.48	16.50
20	QPSK	50	0	15.61	15.63	15.62	16.50
20	QPSK	50	24	15.44	15.51	15.43	16.50
20	QPSK	50	50	15.52	15.60	15.43	16.50
20	QPSK	100	0	15.45	15.58	15.48	16.50
20	16QAM	1	0	15.52	15.54	15.49	16.50
20	16QAM	1	49	15.49	15.55	15.46	16.50
20	16QAM	1	99	15.43	15.51	15.51	16.50
20	16QAM	50	0	15.51	15.60	15.48	16.50
20	16QAM	50	24	15.52	15.53	15.41	16.50
20	16QAM	50	50	15.53	15.56	15.51	16.50
20	16QAM	100	0	15.48	15.51	15.49	16.50
20	64QAM	1	0	15.42	15.54	15.47	16.50
20	64QAM	1	49	15.54	15.57	15.43	16.50
20	64QAM	1	99	15.42	15.51	15.48	16.50
20	64QAM	50	0	15.52	15.58	15.43	16.50
20	64QAM	50	24	15.43	15.52	15.45	16.50
20	64QAM	50	50	15.47	15.58	15.45	16.50
20	64QAM	100	0	15.49	15.53	15.51	16.50
20	256QAM	1	0	15.51	15.56	15.41	16.50
20	256QAM	1	49	15.52	15.49	15.52	16.50
20	256QAM	1	99	15.43	15.58	15.41	16.50
20	256QAM	50	0	15.43	15.54	15.48	16.50
20	256QAM	50	24	15.50	15.53	15.47	16.50
20	256QAM	50	50	15.45	15.54	15.42	16.50
20	256QAM	100	0	15.44	15.50	15.43	16.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.55	15.61	15.58	16.50
15	QPSK	1	37	15.33	15.44	15.27	16.50
15	QPSK	1	74	15.39	15.46	15.39	16.50
15	QPSK	36	0	15.58	15.51	15.51	16.50
15	QPSK	36	20	15.37	15.42	15.32	16.50
15	QPSK	36	39	15.41	15.51	15.30	16.50
15	QPSK	75	0	15.37	15.49	15.45	16.50
15	16QAM	1	0	15.37	15.40	15.39	16.50
15	16QAM	1	37	15.38	15.53	15.32	16.50
15	16QAM	1	74	15.39	15.46	15.36	16.50
15	16QAM	36	0	15.48	15.45	15.36	16.50
15	16QAM	36	20	15.51	15.38	15.29	16.50
15	16QAM	36	39	15.49	15.52	15.39	16.50
15	16QAM	75	0	15.41	15.47	15.47	16.50
15	64QAM	1	0	15.35	15.48	15.34	16.50
15	64QAM	1	37	15.43	15.49	15.37	16.50
15	64QAM	1	74	15.29	15.46	15.45	16.50
15	64QAM	36	0	15.41	15.51	15.34	16.50
15	64QAM	36	20	15.35	15.43	15.39	16.50
15	64QAM	36	39	15.43	15.47	15.41	16.50
15	64QAM	75	0	15.37	15.49	15.47	16.50
15	256QAM	1	0	15.38	15.46	15.32	16.50
15	256QAM	1	37	15.42	15.46	15.38	16.50
15	256QAM	1	74	15.37	15.43	15.39	16.50
15	256QAM	36	0	15.37	15.51	15.37	16.50
15	256QAM	36	20	15.40	15.41	15.36	16.50
15	256QAM	36	39	15.30	15.48	15.31	16.50
15	256QAM	75	0	15.43	15.42	15.31	16.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.57	15.64	15.55	16.50
10	QPSK	1	25	15.29	15.46	15.33	16.50
10	QPSK	1	49	15.38	15.45	15.40	16.50
10	QPSK	25	0	15.51	15.62	15.58	16.50
10	QPSK	25	12	15.40	15.43	15.37	16.50
10	QPSK	25	25	15.48	15.56	15.37	16.50
10	QPSK	50	0	15.34	15.46	15.43	16.50
10	16QAM	1	0	15.43	15.47	15.37	16.50
10	16QAM	1	25	15.43	15.46	15.40	16.50

10	16QAM	1	49	15.29	15.45	15.36	16.50
10	16QAM	25	0	15.43	15.57	15.34	16.50
10	16QAM	25	12	15.44	15.49	15.38	16.50
10	16QAM	25	25	15.50	15.42	15.44	16.50
10	16QAM	50	0	15.47	15.49	15.45	16.50
10	64QAM	1	0	15.32	15.43	15.40	16.50
10	64QAM	1	25	15.44	15.47	15.28	16.50
10	64QAM	1	49	15.33	15.39	15.34	16.50
10	64QAM	25	0	15.45	15.54	15.35	16.50
10	64QAM	25	12	15.29	15.47	15.44	16.50
10	64QAM	25	25	15.37	15.44	15.38	16.50
10	64QAM	50	0	15.40	15.49	15.37	16.50
10	256QAM	1	0	15.40	15.48	15.35	16.50
10	256QAM	1	25	15.50	15.44	15.45	16.50
10	256QAM	1	49	15.42	15.54	15.37	16.50
10	256QAM	25	0	15.37	15.49	15.45	16.50
10	256QAM	25	12	15.44	15.43	15.36	16.50
10	256QAM	25	25	15.41	15.41	15.38	16.50
10	256QAM	50	0	15.38	15.40	15.30	16.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.57	15.62	15.54	16.50
5	QPSK	1	12	15.28	15.45	15.34	16.50
5	QPSK	1	24	15.33	15.40	15.44	16.50
5	QPSK	12	0	15.58	15.53	15.53	16.50
5	QPSK	12	7	15.42	15.42	15.30	16.50
5	QPSK	12	13	15.48	15.58	15.39	16.50
5	QPSK	25	0	15.41	15.43	15.35	16.50
5	16QAM	1	0	15.40	15.40	15.36	16.50
5	16QAM	1	12	15.38	15.48	15.45	16.50
5	16QAM	1	24	15.38	15.42	15.37	16.50
5	16QAM	12	0	15.44	15.50	15.45	16.50
5	16QAM	12	7	15.37	15.40	15.38	16.50
5	16QAM	12	13	15.48	15.51	15.41	16.50
5	16QAM	25	0	15.37	15.37	15.38	16.50
5	64QAM	1	0	15.31	15.53	15.42	16.50
5	64QAM	1	12	15.40	15.46	15.30	16.50
5	64QAM	1	24	15.29	15.46	15.39	16.50
5	64QAM	12	0	15.47	15.48	15.39	16.50
5	64QAM	12	7	15.37	15.45	15.41	16.50
5	64QAM	12	13	15.34	15.56	15.32	16.50
5	64QAM	25	0	15.46	15.42	15.39	16.50
5	256QAM	1	0	15.48	15.46	15.36	16.50
5	256QAM	1	12	15.47	15.35	15.44	16.50
5	256QAM	1	24	15.35	15.44	15.34	16.50
5	256QAM	12	0	15.31	15.42	15.46	16.50
5	256QAM	12	7	15.46	15.39	15.34	16.50
5	256QAM	12	13	15.40	15.43	15.32	16.50
5	256QAM	25	0	15.32	15.39	15.39	16.50

【LTE Band 7_Ant 2_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.51	15.53	15.44	17.00
20	QPSK	1	49	15.28	15.40	15.22	17.00
20	QPSK	1	99	15.35	15.29	15.34	17.00
20	QPSK	50	0	15.48	15.51	15.46	17.00
20	QPSK	50	24	15.32	15.36	15.24	17.00
20	QPSK	50	50	15.35	15.40	15.29	17.00
20	QPSK	100	0	15.27	15.46	15.29	17.00
20	16QAM	1	0	15.40	15.45	15.36	17.00
20	16QAM	1	49	15.31	15.37	15.29	17.00
20	16QAM	1	99	15.28	15.42	15.43	17.00
20	16QAM	50	0	15.31	15.47	15.33	17.00
20	16QAM	50	24	15.41	15.44	15.22	17.00
20	16QAM	50	50	15.34	15.37	15.40	17.00
20	16QAM	100	0	15.29	15.42	15.31	17.00
20	64QAM	1	0	15.22	15.37	15.39	17.00
20	64QAM	1	49	15.34	15.39	15.28	17.00
20	64QAM	1	99	15.28	15.37	15.35	17.00

20	64QAM	50	0	15.44	15.42	15.31	17.00
20	64QAM	50	24	15.31	15.32	15.32	17.00
20	64QAM	50	50	15.35	15.41	15.29	17.00
20	64QAM	100	0	15.40	15.36	15.32	17.00
20	256QAM	1	0	15.36	15.36	15.29	17.00
20	256QAM	1	49	15.42	15.40	15.37	17.00
20	256QAM	1	99	15.30	15.43	15.29	17.00
20	256QAM	50	0	15.30	15.40	15.35	17.00
20	256QAM	50	24	15.32	15.34	15.29	17.00
20	256QAM	50	50	15.26	15.36	15.32	17.00
20	256QAM	100	0	15.25	15.39	15.26	17.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.40	15.42	15.41	17.00
15	QPSK	1	37	15.15	15.28	15.09	17.00
15	QPSK	1	74	15.23	15.27	15.31	17.00
15	QPSK	36	0	15.43	15.44	15.37	17.00
15	QPSK	36	20	15.21	15.24	15.10	17.00
15	QPSK	36	39	15.31	15.29	15.21	17.00
15	QPSK	75	0	15.18	15.37	15.16	17.00
15	16QAM	1	0	15.26	15.43	15.25	17.00
15	16QAM	1	37	15.29	15.24	15.27	17.00
15	16QAM	1	74	15.18	15.30	15.33	17.00
15	16QAM	36	0	15.28	15.43	15.32	17.00
15	16QAM	36	20	15.39	15.34	15.15	17.00
15	16QAM	36	39	15.28	15.25	15.27	17.00
15	16QAM	75	0	15.15	15.29	15.28	17.00
15	64QAM	1	0	15.18	15.33	15.32	17.00
15	64QAM	1	37	15.29	15.27	15.17	17.00
15	64QAM	1	74	15.16	15.22	15.20	17.00
15	64QAM	36	0	15.42	15.29	15.23	17.00
15	64QAM	36	20	15.21	15.25	15.25	17.00
15	64QAM	36	39	15.27	15.28	15.20	17.00
15	64QAM	75	0	15.39	15.21	15.22	17.00
15	256QAM	1	0	15.35	15.25	15.14	17.00
15	256QAM	1	37	15.28	15.35	15.28	17.00
15	256QAM	1	74	15.28	15.33	15.17	17.00
15	256QAM	36	0	15.23	15.30	15.30	17.00
15	256QAM	36	20	15.22	15.32	15.24	17.00
15	256QAM	36	39	15.20	15.21	15.26	17.00
15	256QAM	75	0	15.11	15.24	15.22	17.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.47	15.46	15.35	17.00
10	QPSK	1	25	15.19	15.25	15.09	17.00
10	QPSK	1	49	15.29	15.16	15.26	17.00
10	QPSK	25	0	15.41	15.42	15.32	17.00
10	QPSK	25	12	15.23	15.23	15.20	17.00
10	QPSK	25	25	15.27	15.33	15.24	17.00
10	QPSK	50	0	15.22	15.32	15.23	17.00
10	16QAM	1	0	15.25	15.37	15.32	17.00
10	16QAM	1	25	15.24	15.23	15.25	17.00
10	16QAM	1	49	15.26	15.28	15.33	17.00
10	16QAM	25	0	15.17	15.34	15.26	17.00
10	16QAM	25	12	15.36	15.32	15.17	17.00
10	16QAM	25	25	15.29	15.24	15.27	17.00
10	16QAM	50	0	15.21	15.41	15.16	17.00
10	64QAM	1	0	15.16	15.36	15.26	17.00
10	64QAM	1	25	15.20	15.31	15.16	17.00
10	64QAM	1	49	15.14	15.23	15.31	17.00
10	64QAM	25	0	15.39	15.27	15.26	17.00
10	64QAM	25	12	15.18	15.23	15.26	17.00
10	64QAM	25	25	15.23	15.36	15.14	17.00
10	64QAM	50	0	15.38	15.22	15.23	17.00
10	256QAM	1	0	15.35	15.28	15.24	17.00
10	256QAM	1	25	15.36	15.33	15.33	17.00
10	256QAM	1	49	15.18	15.32	15.20	17.00
10	256QAM	25	0	15.16	15.28	15.31	17.00
10	256QAM	25	12	15.27	15.22	15.20	17.00
10	256QAM	25	25	15.17	15.28	15.25	17.00
10	256QAM	50	0	15.16	15.36	15.20	17.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.37	15.42	15.38	17.00
5	QPSK	1	12	15.16	15.32	15.13	17.00
5	QPSK	1	24	15.20	15.19	15.21	17.00
5	QPSK	12	0	15.35	15.39	15.39	17.00
5	QPSK	12	7	15.25	15.23	15.18	17.00

5	QPSK	12	13	15.29	15.37	15.16	17.00
5	QPSK	25	0	15.18	15.34	15.15	17.00
5	16QAM	1	0	15.36	15.39	15.21	17.00
5	16QAM	1	12	15.21	15.29	15.26	17.00
5	16QAM	1	24	15.23	15.37	15.40	17.00
5	16QAM	12	0	15.17	15.32	15.29	17.00
5	16QAM	12	7	15.34	15.42	15.09	17.00
5	16QAM	12	13	15.27	15.36	15.27	17.00
5	16QAM	25	0	15.18	15.34	15.28	17.00
5	64QAM	1	0	15.08	15.25	15.34	17.00
5	64QAM	1	12	15.23	15.32	15.14	17.00
5	64QAM	1	24	15.22	15.24	15.24	17.00
5	64QAM	12	0	15.39	15.33	15.29	17.00
5	64QAM	12	7	15.28	15.23	15.21	17.00
5	64QAM	12	13	15.22	15.34	15.22	17.00
5	64QAM	25	0	15.29	15.35	15.20	17.00
5	256QAM	1	0	15.24	15.31	15.21	17.00
5	256QAM	1	12	15.30	15.25	15.36	17.00
5	256QAM	1	24	15.22	15.36	15.22	17.00
5	256QAM	12	0	15.22	15.33	15.31	17.00
5	256QAM	12	7	15.21	15.28	15.23	17.00
5	256QAM	12	13	15.18	15.24	15.20	17.00
5	256QAM	25	0	15.20	15.29	15.18	17.00

【LTE Band 7_Ant 2_ECI 4】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	21.71
20	QPSK	1	49	21.67
20	QPSK	1	99	21.71
20	QPSK	50	0	21.65
20	QPSK	50	24	21.68
20	QPSK	50	50	21.72
20	QPSK	100	0	21.70
20	16QAM	1	0	21.66
20	16QAM	1	49	21.70
20	16QAM	1	99	21.67
20	16QAM	50	0	21.70
20	16QAM	50	24	21.69
20	16QAM	50	50	21.72
20	16QAM	100	0	21.71
20	64QAM	1	0	21.75
20	64QAM	1	49	21.73
20	64QAM	1	99	21.70
20	64QAM	50	0	21.68
20	64QAM	50	24	21.66
20	64QAM	50	50	21.74
20	64QAM	100	0	21.70
20	256QAM	1	0	19.54
20	256QAM	1	49	19.60
20	256QAM	1	99	19.54
20	256QAM	50	0	19.58
20	256QAM	50	24	19.59
20	256QAM	50	50	19.56
20	256QAM	100	0	19.55
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	
15	QPSK	1	0	21.58
15	QPSK	1	37	21.62
15	QPSK	1	74	21.66
15	QPSK	36	0	21.64
15	QPSK	36	20	21.59
15	QPSK	36	39	21.66
15	QPSK	75	0	21.66
15	16QAM	1	0	21.57
15	16QAM	1	37	21.63
15	16QAM	1	74	21.65
15	16QAM	36	0	21.59
15	16QAM	36	20	21.68
15	16QAM	36	39	21.59

15	16QAM	75	0	21.57	21.67	21.60	22.50
15	64QAM	1	0	21.63	21.75	21.64	22.50
15	64QAM	1	37	21.66	21.74	21.65	22.50
15	64QAM	1	74	21.65	21.65	21.73	22.50
15	64QAM	36	0	21.54	21.64	21.61	22.50
15	64QAM	36	20	21.59	21.73	21.59	22.50
15	64QAM	36	39	21.66	21.77	21.69	22.50
15	64QAM	75	0	21.68	21.70	21.57	22.50
15	256QAM	1	0	19.52	19.66	19.55	20.50
15	256QAM	1	37	19.54	19.59	19.54	20.50
15	256QAM	1	74	19.39	19.59	19.55	20.50
15	256QAM	36	0	19.49	19.54	19.57	20.50
15	256QAM	36	20	19.57	19.56	19.43	20.50
15	256QAM	36	39	19.44	19.54	19.53	20.50
15	256QAM	75	0	19.43	19.50	19.50	20.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	21.64	21.72	21.67	22.50
10	QPSK	1	25	21.61	21.78	21.65	22.50
10	QPSK	1	49	21.57	21.74	21.60	22.50
10	QPSK	25	0	21.59	21.77	21.61	22.50
10	QPSK	25	12	21.55	21.65	21.52	22.50
10	QPSK	25	25	21.65	21.61	21.65	22.50
10	QPSK	50	0	21.63	21.78	21.62	22.50
10	16QAM	1	0	21.56	21.66	21.55	22.50
10	16QAM	1	25	21.57	21.72	21.63	22.50
10	16QAM	1	49	21.57	21.71	21.57	22.50
10	16QAM	25	0	21.67	21.59	21.49	22.50
10	16QAM	25	12	21.62	21.76	21.52	22.50
10	16QAM	25	25	21.66	21.72	21.57	22.50
10	16QAM	50	0	21.59	21.64	21.62	22.50
10	64QAM	1	0	21.71	21.64	21.65	22.50
10	64QAM	1	25	21.60	21.69	21.60	22.50
10	64QAM	1	49	21.56	21.74	21.63	22.50
10	64QAM	25	0	21.61	21.74	21.62	22.50
10	64QAM	25	12	21.55	21.65	21.56	22.50
10	64QAM	25	25	21.66	21.69	21.65	22.50
10	64QAM	50	0	21.68	21.74	21.54	22.50
10	256QAM	1	0	19.41	19.58	19.45	20.50
10	256QAM	1	25	19.52	19.61	19.44	20.50
10	256QAM	1	49	19.39	19.55	19.58	20.50
10	256QAM	25	0	19.50	19.48	19.50	20.50
10	256QAM	25	12	19.50	19.59	19.42	20.50
10	256QAM	25	25	19.49	19.63	19.57	20.50
10	256QAM	50	0	19.47	19.48	19.55	20.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	21.65	21.78	21.65	22.50
5	QPSK	1	12	21.65	21.67	21.67	22.50
5	QPSK	1	24	21.58	21.69	21.62	22.50
5	QPSK	12	0	21.54	21.73	21.60	22.50
5	QPSK	12	7	21.59	21.69	21.57	22.50
5	QPSK	12	13	21.64	21.62	21.71	22.50
5	QPSK	25	0	21.67	21.70	21.66	22.50
5	16QAM	1	0	21.54	21.71	21.65	22.50
5	16QAM	1	12	21.62	21.70	21.67	22.50
5	16QAM	1	24	21.59	21.71	21.55	22.50
5	16QAM	12	0	21.67	21.66	21.53	22.50
5	16QAM	12	7	21.65	21.63	21.51	22.50
5	16QAM	12	13	21.63	21.64	21.53	22.50
5	16QAM	25	0	21.67	21.67	21.57	22.50
5	64QAM	1	0	21.64	21.74	21.58	22.50
5	64QAM	1	12	21.72	21.64	21.62	22.50
5	64QAM	1	24	21.63	21.68	21.73	22.50
5	64QAM	12	0	21.64	21.68	21.61	22.50
5	64QAM	12	7	21.57	21.70	21.58	22.50
5	64QAM	12	13	21.63	21.70	21.69	22.50
5	64QAM	25	0	21.56	21.72	21.63	22.50
5	256QAM	1	0	19.52	19.68	19.58	20.50
5	256QAM	1	12	19.57	19.52	19.48	20.50
5	256QAM	1	24	19.46	19.55	19.60	20.50
5	256QAM	12	0	19.49	19.54	19.57	20.50
5	256QAM	12	7	19.49	19.63	19.48	20.50
5	256QAM	12	13	19.55	19.53	19.53	20.50
5	256QAM	25	0	19.52	19.48	19.50	20.50

【LTE Band 7_Ant 2_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.62	21.76	21.59	23.00
20	QPSK	1	49	21.58	21.71	21.60	23.00
20	QPSK	1	99	21.56	21.63	21.60	23.00
20	QPSK	50	0	21.46	21.70	21.60	23.00
20	QPSK	50	24	21.58	21.64	21.50	23.00
20	QPSK	50	50	21.59	21.62	21.57	23.00
20	QPSK	100	0	21.56	21.71	21.60	23.00
20	16QAM	1	0	21.48	21.63	21.56	23.00
20	16QAM	1	49	21.61	21.59	21.61	23.00
20	16QAM	1	99	21.49	21.69	21.52	23.00
20	16QAM	50	0	21.54	21.58	21.47	23.00
20	16QAM	50	24	21.55	21.64	21.53	23.00
20	16QAM	50	50	21.64	21.68	21.53	23.00
20	16QAM	100	0	21.53	21.58	21.53	23.00
20	64QAM	1	0	21.55	21.63	21.55	23.00
20	64QAM	1	49	21.63	21.65	21.54	23.00
20	64QAM	1	99	21.56	21.67	21.58	23.00
20	64QAM	50	0	21.56	21.57	21.57	23.00
20	64QAM	50	24	21.57	21.71	21.51	23.00
20	64QAM	50	50	21.61	21.70	21.59	23.00
20	64QAM	100	0	21.56	21.64	21.47	23.00
20	256QAM	1	0	19.42	19.51	19.45	21.00
20	256QAM	1	49	19.49	19.46	19.38	21.00
20	256QAM	1	99	19.36	19.50	19.49	21.00
20	256QAM	50	0	19.46	19.44	19.41	21.00
20	256QAM	50	24	19.50	19.62	19.37	21.00
20	256QAM	50	50	19.37	19.53	19.42	21.00
20	256QAM	100	0	19.43	19.44	19.46	21.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.59	21.62	21.53	23.00
15	QPSK	1	37	21.52	21.60	21.53	23.00
15	QPSK	1	74	21.54	21.53	21.54	23.00
15	QPSK	36	0	21.35	21.59	21.52	23.00
15	QPSK	36	20	21.57	21.55	21.38	23.00
15	QPSK	36	39	21.47	21.48	21.50	23.00
15	QPSK	75	0	21.49	21.69	21.49	23.00
15	16QAM	1	0	21.42	21.56	21.53	23.00
15	16QAM	1	37	21.52	21.50	21.51	23.00
15	16QAM	1	74	21.42	21.62	21.44	23.00
15	16QAM	36	0	21.41	21.47	21.40	23.00
15	16QAM	36	20	21.45	21.50	21.44	23.00
15	16QAM	36	39	21.51	21.57	21.50	23.00
15	16QAM	75	0	21.41	21.47	21.38	23.00
15	64QAM	1	0	21.45	21.51	21.46	23.00
15	64QAM	1	37	21.60	21.60	21.51	23.00
15	64QAM	1	74	21.43	21.58	21.46	23.00
15	64QAM	36	0	21.50	21.52	21.53	23.00
15	64QAM	36	20	21.45	21.57	21.44	23.00
15	64QAM	36	39	21.53	21.59	21.46	23.00
15	64QAM	75	0	21.54	21.52	21.39	23.00
15	256QAM	1	0	19.40	19.44	19.37	21.00
15	256QAM	1	37	19.46	19.44	19.27	21.00
15	256QAM	1	74	19.28	19.48	19.44	21.00
15	256QAM	36	0	19.45	19.34	19.34	21.00
15	256QAM	36	20	19.37	19.51	19.25	21.00
15	256QAM	36	39	19.28	19.51	19.31	21.00
15	256QAM	75	0	19.35	19.33	19.40	21.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.49	21.73	21.58	23.00
10	QPSK	1	25	21.45	21.63	21.45	23.00
10	QPSK	1	49	21.55	21.58	21.48	23.00
10	QPSK	25	0	21.39	21.66	21.47	23.00
10	QPSK	25	12	21.45	21.53	21.46	23.00
10	QPSK	25	25	21.51	21.48	21.51	23.00
10	QPSK	50	0	21.50	21.62	21.58	23.00
10	16QAM	1	0	21.47	21.56	21.44	23.00
10	16QAM	1	25	21.49	21.54	21.54	23.00

10	16QAM	1	49	21.39	21.64	21.51	23.00
10	16QAM	25	0	21.47	21.46	21.33	23.00
10	16QAM	25	12	21.44	21.63	21.47	23.00
10	16QAM	25	25	21.58	21.58	21.43	23.00
10	16QAM	50	0	21.52	21.54	21.40	23.00
10	64QAM	1	0	21.52	21.48	21.50	23.00
10	64QAM	1	25	21.54	21.60	21.47	23.00
10	64QAM	1	49	21.41	21.62	21.55	23.00
10	64QAM	25	0	21.44	21.44	21.51	23.00
10	64QAM	25	12	21.54	21.64	21.45	23.00
10	64QAM	25	25	21.57	21.56	21.55	23.00
10	64QAM	50	0	21.46	21.49	21.43	23.00
10	256QAM	1	0	19.36	19.40	19.41	21.00
10	256QAM	1	25	19.42	19.35	19.30	21.00
10	256QAM	1	49	19.22	19.40	19.34	21.00
10	256QAM	25	0	19.41	19.39	19.29	21.00
10	256QAM	25	12	19.46	19.54	19.34	21.00
10	256QAM	25	25	19.33	19.46	19.28	21.00
10	256QAM	50	0	19.36	19.30	19.36	21.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.60	21.65	21.45	23.00
5	QPSK	1	12	21.47	21.65	21.52	23.00
5	QPSK	1	24	21.41	21.55	21.47	23.00
5	QPSK	12	0	21.43	21.61	21.57	23.00
5	QPSK	12	7	21.57	21.54	21.45	23.00
5	QPSK	12	13	21.54	21.49	21.44	23.00
5	QPSK	25	0	21.44	21.64	21.58	23.00
5	16QAM	1	0	21.42	21.53	21.45	23.00
5	16QAM	1	12	21.55	21.56	21.49	23.00
5	16QAM	1	24	21.48	21.59	21.47	23.00
5	16QAM	12	0	21.46	21.47	21.33	23.00
5	16QAM	12	7	21.46	21.52	21.38	23.00
5	16QAM	12	13	21.58	21.59	21.50	23.00
5	16QAM	25	0	21.43	21.45	21.51	23.00
5	64QAM	1	0	21.41	21.61	21.50	23.00
5	64QAM	1	12	21.54	21.62	21.48	23.00
5	64QAM	1	24	21.46	21.52	21.43	23.00
5	64QAM	12	0	21.42	21.48	21.47	23.00
5	64QAM	12	7	21.51	21.57	21.47	23.00
5	64QAM	12	13	21.50	21.58	21.49	23.00
5	64QAM	25	0	21.45	21.60	21.46	23.00
5	256QAM	1	0	19.36	19.49	19.42	21.00
5	256QAM	1	12	19.44	19.45	19.26	21.00
5	256QAM	1	24	19.33	19.46	19.43	21.00
5	256QAM	12	0	19.44	19.36	19.31	21.00
5	256QAM	12	7	19.39	19.50	19.35	21.00
5	256QAM	12	13	19.36	19.38	19.38	21.00
5	256QAM	25	0	19.35	19.36	19.44	21.00

【LTE Band 7_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.25	15.28	15.23	16.00
20	QPSK	1	49	14.96	15.16	15.00	16.00
20	QPSK	1	99	15.02	15.19	14.99	16.00
20	QPSK	50	0	15.21	15.25	15.19	16.00
20	QPSK	50	24	14.96	15.15	15.01	16.00
20	QPSK	50	50	14.93	15.11	14.91	16.00
20	QPSK	100	0	14.97	15.09	14.99	16.00
20	16QAM	1	0	15.01	15.09	14.97	16.00
20	16QAM	1	49	15.04	15.16	14.97	16.00
20	16QAM	1	99	14.92	15.14	15.02	16.00
20	16QAM	50	0	15.03	15.17	14.97	16.00
20	16QAM	50	24	14.95	15.19	14.94	16.00
20	16QAM	50	50	15.00	15.18	14.94	16.00
20	16QAM	100	0	15.01	15.19	14.98	16.00
20	64QAM	1	0	15.02	15.15	14.99	16.00
20	64QAM	1	49	15.00	15.13	15.02	16.00
20	64QAM	1	99	14.96	15.15	14.97	16.00

20	64QAM	50	0	14.99	15.10	15.00	16.00
20	64QAM	50	24	14.92	15.12	15.01	16.00
20	64QAM	50	50	14.93	15.16	14.95	16.00
20	64QAM	100	0	14.94	15.11	14.91	16.00
20	256QAM	1	0	15.00	15.18	14.99	16.00
20	256QAM	1	49	14.99	15.08	14.98	16.00
20	256QAM	1	99	15.00	15.19	15.02	16.00
20	256QAM	50	0	14.95	15.14	14.99	16.00
20	256QAM	50	24	15.02	15.15	14.95	16.00
20	256QAM	50	50	15.02	15.19	14.99	16.00
20	256QAM	100	0	14.96	15.18	15.01	16.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.21	15.25	15.14	16.00
15	QPSK	1	37	14.93	15.12	14.90	16.00
15	QPSK	1	74	14.88	15.15	14.98	16.00
15	QPSK	36	0	15.12	15.13	15.13	16.00
15	QPSK	36	20	14.90	15.04	14.89	16.00
15	QPSK	36	39	14.83	15.08	14.89	16.00
15	QPSK	75	0	14.92	15.07	14.85	16.00
15	16QAM	1	0	14.99	15.03	14.88	16.00
15	16QAM	1	37	14.93	15.02	14.91	16.00
15	16QAM	1	74	14.84	15.09	14.92	16.00
15	16QAM	36	0	15.01	15.15	14.86	16.00
15	16QAM	36	20	14.91	15.05	14.79	16.00
15	16QAM	36	39	14.93	15.08	14.92	16.00
15	16QAM	75	0	14.90	15.05	14.84	16.00
15	64QAM	1	0	14.95	15.09	14.91	16.00
15	64QAM	1	37	14.90	15.06	14.96	16.00
15	64QAM	1	74	14.85	15.06	14.95	16.00
15	64QAM	36	0	14.94	15.01	14.86	16.00
15	64QAM	36	20	14.87	15.11	14.99	16.00
15	64QAM	36	39	14.91	15.02	14.85	16.00
15	64QAM	75	0	14.86	15.01	14.82	16.00
15	256QAM	1	0	14.97	15.05	14.93	16.00
15	256QAM	1	37	14.96	14.95	14.88	16.00
15	256QAM	1	74	14.97	15.14	14.89	16.00
15	256QAM	36	0	14.83	15.03	14.96	16.00
15	256QAM	36	20	14.92	15.07	14.82	16.00
15	256QAM	36	39	14.90	15.10	14.88	16.00
15	256QAM	75	0	14.85	15.09	14.99	16.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.15	15.19	15.10	16.00
10	QPSK	1	25	14.92	15.11	14.86	16.00
10	QPSK	1	49	14.93	15.15	14.84	16.00
10	QPSK	25	0	15.19	15.15	15.18	16.00
10	QPSK	25	12	14.92	15.01	14.94	16.00
10	QPSK	25	25	14.79	15.10	14.83	16.00
10	QPSK	50	0	14.90	14.96	14.84	16.00
10	16QAM	1	0	14.96	15.04	14.92	16.00
10	16QAM	1	25	14.94	15.11	14.87	16.00
10	16QAM	1	49	14.81	15.06	14.92	16.00
10	16QAM	25	0	14.92	15.07	14.90	16.00
10	16QAM	25	12	14.86	15.12	14.80	16.00
10	16QAM	25	25	14.91	15.12	14.93	16.00
10	16QAM	50	0	14.96	15.05	14.90	16.00
10	64QAM	1	0	14.92	15.13	14.98	16.00
10	64QAM	1	25	14.88	14.99	14.96	16.00
10	64QAM	1	49	14.83	15.02	14.88	16.00
10	64QAM	25	0	14.98	15.08	14.93	16.00
10	64QAM	25	12	14.78	15.00	14.98	16.00
10	64QAM	25	25	14.80	15.13	14.89	16.00
10	64QAM	50	0	14.91	15.00	14.84	16.00
10	256QAM	1	0	14.88	15.12	14.93	16.00
10	256QAM	1	25	14.94	14.99	14.85	16.00
10	256QAM	1	49	14.85	15.05	14.91	16.00
10	256QAM	25	0	14.90	15.00	14.87	16.00
10	256QAM	25	12	14.89	15.11	14.93	16.00
10	256QAM	25	25	14.94	15.11	14.85	16.00
10	256QAM	50	0	14.91	15.16	14.88	16.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.23	15.25	15.11	16.00
5	QPSK	1	12	14.83	15.05	14.87	16.00
5	QPSK	1	24	15.00	15.08	14.88	16.00
5	QPSK	12	0	15.19	15.23	15.18	16.00
5	QPSK	12	7	14.87	15.02	14.93	16.00

5	QPSK	12	13	14.91	15.03	14.81	16.00
5	QPSK	25	0	14.84	14.96	14.86	16.00
5	16QAM	1	0	14.98	15.05	14.87	16.00
5	16QAM	1	12	14.98	15.13	14.87	16.00
5	16QAM	1	24	14.88	15.05	15.00	16.00
5	16QAM	12	0	15.02	15.12	14.96	16.00
5	16QAM	12	7	14.85	15.06	14.86	16.00
5	16QAM	12	13	14.94	15.12	14.81	16.00
5	16QAM	25	0	14.94	15.05	14.93	16.00
5	64QAM	1	0	15.01	15.11	14.97	16.00
5	64QAM	1	12	14.89	15.11	14.90	16.00
5	64QAM	1	24	14.92	15.01	14.91	16.00
5	64QAM	12	0	14.95	14.97	14.92	16.00
5	64QAM	12	7	14.89	15.03	14.89	16.00
5	64QAM	12	13	14.87	15.11	14.83	16.00
5	64QAM	25	0	14.82	15.04	14.79	16.00
5	256QAM	1	0	14.92	15.14	14.94	16.00
5	256QAM	1	12	14.87	14.93	14.85	16.00
5	256QAM	1	24	14.91	15.14	14.90	16.00
5	256QAM	12	0	14.83	15.04	14.94	16.00
5	256QAM	12	7	14.99	15.11	14.92	16.00
5	256QAM	12	13	14.90	15.04	14.95	16.00
5	256QAM	25	0	14.94	15.05	14.98	16.00

【LTE Band 7_Ant 2_ECI 5-1】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	15.17
20	QPSK	1	49	14.84
20	QPSK	1	99	14.84
20	QPSK	50	0	15.17
20	QPSK	50	24	14.85
20	QPSK	50	50	14.80
20	QPSK	100	0	14.82
20	16QAM	1	0	14.90
20	16QAM	1	49	14.87
20	16QAM	1	99	14.81
20	16QAM	50	0	14.84
20	16QAM	50	24	14.82
20	16QAM	50	50	14.85
20	16QAM	100	0	14.87
20	64QAM	1	0	14.90
20	64QAM	1	49	14.88
20	64QAM	1	99	14.79
20	64QAM	50	0	14.85
20	64QAM	50	24	14.80
20	64QAM	50	50	14.80
20	64QAM	100	0	14.79
20	256QAM	1	0	14.88
20	256QAM	1	49	14.81
20	256QAM	1	99	14.87
20	256QAM	50	0	14.82
20	256QAM	50	24	14.89
20	256QAM	50	50	14.83
20	256QAM	100	0	14.85
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.16
15	QPSK	1	37	14.72
15	QPSK	1	74	14.77
15	QPSK	36	0	15.12
15	QPSK	36	20	14.80
15	QPSK	36	39	14.78
15	QPSK	75	0	14.71
15	16QAM	1	0	14.80
15	16QAM	1	37	14.76
15	16QAM	1	74	14.72
15	16QAM	36	0	14.80
15	16QAM	36	20	14.74
15	16QAM	36	39	14.82

15	16QAM	75	0	14.79	15.01	14.79	16.50
15	64QAM	1	0	14.78	15.05	14.70	16.50
15	64QAM	1	37	14.77	14.90	14.70	16.50
15	64QAM	1	74	14.76	15.02	14.71	16.50
15	64QAM	36	0	14.80	14.91	14.79	16.50
15	64QAM	36	20	14.78	14.93	14.79	16.50
15	64QAM	36	39	14.65	15.03	14.77	16.50
15	64QAM	75	0	14.74	14.90	14.66	16.50
15	256QAM	1	0	14.83	14.86	14.74	16.50
15	256QAM	1	37	14.69	14.87	14.82	16.50
15	256QAM	1	74	14.81	15.02	14.84	16.50
15	256QAM	36	0	14.74	14.95	14.70	16.50
15	256QAM	36	20	14.83	14.90	14.80	16.50
15	256QAM	36	39	14.72	15.01	14.81	16.50
15	256QAM	75	0	14.73	14.90	14.86	16.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.10	15.15	15.11	16.50
10	QPSK	1	25	14.82	14.95	14.83	16.50
10	QPSK	1	49	14.71	14.97	14.84	16.50
10	QPSK	25	0	15.15	15.17	15.07	16.50
10	QPSK	25	12	14.74	14.96	14.70	16.50
10	QPSK	25	25	14.71	14.85	14.72	16.50
10	QPSK	50	0	14.69	14.90	14.71	16.50
10	16QAM	1	0	14.85	14.79	14.83	16.50
10	16QAM	1	25	14.77	14.92	14.73	16.50
10	16QAM	1	49	14.74	15.00	14.91	16.50
10	16QAM	25	0	14.80	14.87	14.75	16.50
10	16QAM	25	12	14.69	14.94	14.74	16.50
10	16QAM	25	25	14.76	14.96	14.75	16.50
10	16QAM	50	0	14.82	14.93	14.83	16.50
10	64QAM	1	0	14.88	14.99	14.74	16.50
10	64QAM	1	25	14.81	14.91	14.84	16.50
10	64QAM	1	49	14.66	15.05	14.78	16.50
10	64QAM	25	0	14.79	14.95	14.66	16.50
10	64QAM	25	12	14.66	14.83	14.86	16.50
10	64QAM	25	25	14.74	15.00	14.74	16.50
10	64QAM	50	0	14.67	14.91	14.64	16.50
10	256QAM	1	0	14.76	14.96	14.77	16.50
10	256QAM	1	25	14.66	14.91	14.89	16.50
10	256QAM	1	49	14.76	14.90	14.89	16.50
10	256QAM	25	0	14.70	14.84	14.71	16.50
10	256QAM	25	12	14.83	14.92	14.81	16.50
10	256QAM	25	25	14.72	15.06	14.75	16.50
10	256QAM	50	0	14.70	14.99	14.86	16.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.14	15.14	15.15	16.50
5	QPSK	1	12	14.74	14.91	14.70	16.50
5	QPSK	1	24	14.72	15.03	14.75	16.50
5	QPSK	12	0	15.16	15.17	15.08	16.50
5	QPSK	12	7	14.76	14.89	14.79	16.50
5	QPSK	12	13	14.70	14.83	14.66	16.50
5	QPSK	25	0	14.81	14.88	14.76	16.50
5	16QAM	1	0	14.85	14.85	14.83	16.50
5	16QAM	1	12	14.78	14.89	14.77	16.50
5	16QAM	1	24	14.67	14.90	14.84	16.50
5	16QAM	12	0	14.71	14.97	14.80	16.50
5	16QAM	12	7	14.70	14.93	14.69	16.50
5	16QAM	12	13	14.73	14.96	14.70	16.50
5	16QAM	25	0	14.84	14.94	14.86	16.50
5	64QAM	1	0	14.83	14.95	14.77	16.50
5	64QAM	1	12	14.77	14.91	14.79	16.50
5	64QAM	1	24	14.66	14.95	14.80	16.50
5	64QAM	12	0	14.83	14.88	14.66	16.50
5	64QAM	12	7	14.71	14.88	14.78	16.50
5	64QAM	12	13	14.77	14.98	14.71	16.50
5	64QAM	25	0	14.77	14.92	14.76	16.50
5	256QAM	1	0	14.73	14.97	14.65	16.50
5	256QAM	1	12	14.79	14.85	14.88	16.50
5	256QAM	1	24	14.86	15.02	14.86	16.50
5	256QAM	12	0	14.68	14.88	14.75	16.50
5	256QAM	12	7	14.81	14.97	14.73	16.50
5	256QAM	12	13	14.69	14.98	14.73	16.50
5	256QAM	25	0	14.78	14.96	14.77	16.50

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.01	24.09	24.08	25.50
20	QPSK	1	49	23.92	23.98	23.98	25.50
20	QPSK	1	99	23.95	23.96	23.90	25.50
20	QPSK	50	0	23.12	23.22	23.10	24.50
20	QPSK	50	24	23.16	23.17	23.05	24.50
20	QPSK	50	50	23.05	23.11	23.11	24.50
20	QPSK	100	0	23.05	23.06	23.05	24.50
20	16QAM	1	0	23.09	23.07	23.06	24.50
20	16QAM	1	49	23.14	23.14	23.11	24.50
20	16QAM	1	99	23.05	23.14	23.08	24.50
20	16QAM	50	0	22.02	22.16	22.06	23.50
20	16QAM	50	24	22.19	22.19	22.12	23.50
20	16QAM	50	50	22.07	22.07	22.06	23.50
20	16QAM	100	0	22.06	22.08	22.12	23.50
20	64QAM	1	0	22.17	22.11	22.09	23.50
20	64QAM	1	49	22.10	22.01	22.06	23.50
20	64QAM	1	99	22.09	22.14	22.02	23.50
20	64QAM	50	0	21.07	21.03	21.08	22.50
20	64QAM	50	24	21.07	21.16	21.07	22.50
20	64QAM	50	50	21.07	21.07	21.10	22.50
20	64QAM	100	0	21.02	21.08	21.11	22.50
20	256QAM	1	0	19.12	19.18	19.14	20.50
20	256QAM	1	49	19.06	19.09	19.10	20.50
20	256QAM	1	99	19.10	19.22	19.16	20.50
20	256QAM	50	0	19.18	19.08	19.08	20.50
20	256QAM	50	24	19.04	19.07	19.08	20.50
20	256QAM	50	50	19.08	19.08	19.16	20.50
20	256QAM	100	0	19.06	19.19	19.05	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.92	24.07	23.95	25.50
15	QPSK	1	37	23.84	23.96	23.90	25.50
15	QPSK	1	74	23.94	23.85	23.75	25.50
15	QPSK	36	0	22.98	23.20	23.04	24.50
15	QPSK	36	20	23.10	23.12	22.95	24.50
15	QPSK	36	39	22.99	23.04	23.00	24.50
15	QPSK	75	0	22.93	23.01	22.91	24.50
15	16QAM	1	0	23.01	22.92	22.92	24.50
15	16QAM	1	37	23.02	23.12	23.07	24.50
15	16QAM	1	74	22.98	23.11	22.97	24.50
15	16QAM	36	0	21.93	22.04	22.03	23.50
15	16QAM	36	20	22.15	22.13	22.10	23.50
15	16QAM	36	39	21.99	22.03	22.02	23.50
15	16QAM	75	0	21.96	21.97	21.98	23.50
15	64QAM	1	0	22.13	22.05	21.94	23.50
15	64QAM	1	37	21.96	21.90	22.01	23.50
15	64QAM	1	74	21.97	22.04	21.95	23.50
15	64QAM	36	0	20.96	20.99	20.99	22.50
15	64QAM	36	20	20.95	21.12	21.00	22.50
15	64QAM	36	39	21.00	20.93	21.03	22.50
15	64QAM	75	0	20.88	21.06	21.04	22.50
15	256QAM	1	0	19.07	19.17	19.08	20.50
15	256QAM	1	37	18.96	19.08	19.03	20.50
15	256QAM	1	74	18.98	19.16	19.12	20.50
15	256QAM	36	0	19.07	19.06	18.94	20.50
15	256QAM	36	20	18.94	18.95	19.02	20.50
15	256QAM	36	39	19.06	19.03	19.12	20.50
15	256QAM	75	0	19.04	19.17	18.96	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.89	24.03	24.07	25.50
10	QPSK	1	25	23.82	23.87	23.87	25.50
10	QPSK	1	49	23.89	23.84	23.83	25.50
10	QPSK	25	0	23.01	23.07	22.96	24.50
10	QPSK	25	12	23.13	23.07	22.92	24.50
10	QPSK	25	25	22.97	22.99	22.96	24.50
10	QPSK	50	0	22.95	22.97	22.99	24.50
10	16QAM	1	0	22.95	23.04	23.03	24.50
10	16QAM	1	25	23.07	23.03	23.01	24.50

10	16QAM	1	49	22.92	23.13	22.99	24.50
10	16QAM	25	0	21.94	22.03	21.98	23.50
10	16QAM	25	12	22.08	22.13	22.03	23.50
10	16QAM	25	25	21.99	21.92	22.00	23.50
10	16QAM	50	0	21.97	22.07	22.06	23.50
10	64QAM	1	0	22.06	22.01	22.07	23.50
10	64QAM	1	25	22.06	21.99	21.97	23.50
10	64QAM	1	49	22.02	22.13	21.89	23.50
10	64QAM	25	0	21.00	21.02	20.99	22.50
10	64QAM	25	12	21.05	21.02	20.99	22.50
10	64QAM	25	25	20.98	21.01	21.06	22.50
10	64QAM	50	0	21.01	20.98	21.02	22.50
10	256QAM	1	0	18.99	19.08	19.09	20.50
10	256QAM	1	25	18.96	19.02	19.06	20.50
10	256QAM	1	49	19.06	19.14	19.03	20.50
10	256QAM	25	0	19.09	19.04	19.00	20.50
10	256QAM	25	12	18.96	18.93	18.93	20.50
10	256QAM	25	25	19.02	18.95	19.05	20.50
10	256QAM	50	0	18.96	19.09	19.01	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.96	23.95	24.05	25.50
5	QPSK	1	12	23.78	23.92	23.93	25.50
5	QPSK	1	24	23.80	23.92	23.76	25.50
5	QPSK	12	0	23.00	23.19	22.97	24.50
5	QPSK	12	7	23.04	23.08	22.97	24.50
5	QPSK	12	13	22.96	22.98	23.00	24.50
5	QPSK	25	0	22.92	22.94	23.00	24.50
5	16QAM	1	0	23.03	22.99	23.05	24.50
5	16QAM	1	12	23.01	23.03	23.10	24.50
5	16QAM	1	24	22.91	23.02	22.98	24.50
5	16QAM	12	0	21.89	22.14	22.00	23.50
5	16QAM	12	7	22.07	22.10	22.09	23.50
5	16QAM	12	13	21.94	21.97	21.92	23.50
5	16QAM	25	0	22.02	21.93	22.11	23.50
5	64QAM	1	0	22.07	22.09	21.95	23.50
5	64QAM	1	12	21.97	21.96	21.95	23.50
5	64QAM	1	24	22.06	22.01	21.89	23.50
5	64QAM	12	0	21.03	20.99	20.96	22.50
5	64QAM	12	7	20.96	21.10	21.00	22.50
5	64QAM	12	13	21.05	20.93	21.04	22.50
5	64QAM	25	0	20.92	21.01	21.02	22.50
5	256QAM	1	0	19.09	19.13	19.09	20.50
5	256QAM	1	12	19.00	19.01	19.08	20.50
5	256QAM	1	24	19.02	19.08	19.12	20.50
5	256QAM	12	0	19.08	18.99	18.95	20.50
5	256QAM	12	7	18.96	18.93	18.96	20.50
5	256QAM	12	13	19.04	18.97	19.04	20.50
5	256QAM	25	0	19.04	19.05	18.90	20.50

【LTE Band 7_Ant 3_Default-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.79	23.81	23.76	25.00
20	QPSK	1	49	23.59	23.73	23.56	25.00
20	QPSK	1	99	23.69	23.78	23.71	25.00
20	QPSK	50	0	22.73	22.80	22.75	24.00
20	QPSK	50	24	22.65	22.79	22.62	24.00
20	QPSK	50	50	22.74	22.78	22.59	24.00
20	QPSK	100	0	22.68	22.77	22.65	24.00
20	16QAM	1	0	22.68	22.79	22.60	24.00
20	16QAM	1	49	22.58	22.70	22.62	24.00
20	16QAM	1	99	22.71	22.75	22.68	24.00
20	16QAM	50	0	21.67	21.81	21.63	23.00
20	16QAM	50	24	21.66	21.80	21.61	23.00
20	16QAM	50	50	21.74	21.78	21.66	23.00
20	16QAM	100	0	21.75	21.82	21.74	23.00
20	64QAM	1	0	21.68	21.83	21.69	23.00
20	64QAM	1	49	21.72	21.83	21.75	23.00
20	64QAM	1	99	21.73	21.79	21.61	23.00

20	64QAM	50	0	20.72	20.79	20.67	22.00
20	64QAM	50	24	20.67	20.75	20.69	22.00
20	64QAM	50	50	20.64	20.76	20.61	22.00
20	64QAM	100	0	20.67	20.77	20.64	22.00
20	256QAM	1	0	18.58	18.69	18.54	20.00
20	256QAM	1	49	18.57	18.64	18.48	20.00
20	256QAM	1	99	18.55	18.69	18.60	20.00
20	256QAM	50	0	18.67	18.77	18.62	20.00
20	256QAM	50	24	18.62	18.74	18.59	20.00
20	256QAM	50	50	18.59	18.73	18.61	20.00
20	256QAM	100	0	18.70	18.76	18.68	20.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	23.68	23.71	23.65	25.00
15	QPSK	1	37	23.54	23.63	23.54	25.00
15	QPSK	1	74	23.65	23.71	23.60	25.00
15	QPSK	36	0	22.72	22.76	22.68	24.00
15	QPSK	36	20	22.58	22.72	22.48	24.00
15	QPSK	36	39	22.60	22.70	22.56	24.00
15	QPSK	75	0	22.55	22.63	22.64	24.00
15	16QAM	1	0	22.60	22.72	22.58	24.00
15	16QAM	1	37	22.49	22.61	22.59	24.00
15	16QAM	1	74	22.57	22.69	22.59	24.00
15	16QAM	36	0	21.54	21.67	21.53	23.00
15	16QAM	36	20	21.64	21.72	21.49	23.00
15	16QAM	36	39	21.69	21.76	21.59	23.00
15	16QAM	75	0	21.72	21.79	21.63	23.00
15	64QAM	1	0	21.53	21.82	21.67	23.00
15	64QAM	1	37	21.58	21.73	21.72	23.00
15	64QAM	1	74	21.66	21.73	21.51	23.00
15	64QAM	36	0	20.58	20.66	20.56	22.00
15	64QAM	36	20	20.55	20.73	20.57	22.00
15	64QAM	36	39	20.55	20.74	20.59	22.00
15	64QAM	75	0	20.62	20.75	20.57	22.00
15	256QAM	1	0	18.43	18.60	18.51	20.00
15	256QAM	1	37	18.44	18.61	18.41	20.00
15	256QAM	1	74	18.43	18.57	18.52	20.00
15	256QAM	36	0	18.60	18.69	18.48	20.00
15	256QAM	36	20	18.47	18.66	18.49	20.00
15	256QAM	36	39	18.52	18.68	18.57	20.00
15	256QAM	75	0	18.62	18.72	18.59	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.75	23.71	23.72	25.00
10	QPSK	1	25	23.47	23.71	23.54	25.00
10	QPSK	1	49	23.67	23.64	23.65	25.00
10	QPSK	25	0	22.58	22.74	22.64	24.00
10	QPSK	25	12	22.57	22.71	22.48	24.00
10	QPSK	25	25	22.73	22.63	22.51	24.00
10	QPSK	50	0	22.62	22.67	22.62	24.00
10	16QAM	1	0	22.56	22.66	22.53	24.00
10	16QAM	1	25	22.52	22.60	22.47	24.00
10	16QAM	1	49	22.65	22.65	22.58	24.00
10	16QAM	25	0	21.60	21.78	21.54	23.00
10	16QAM	25	12	21.52	21.68	21.51	23.00
10	16QAM	25	25	21.65	21.65	21.62	23.00
10	16QAM	50	0	21.74	21.73	21.70	23.00
10	64QAM	1	0	21.63	21.68	21.61	23.00
10	64QAM	1	25	21.60	21.79	21.65	23.00
10	64QAM	1	49	21.67	21.68	21.53	23.00
10	64QAM	25	0	20.60	20.73	20.64	22.00
10	64QAM	25	12	20.65	20.70	20.67	22.00
10	64QAM	25	25	20.62	20.72	20.54	22.00
10	64QAM	50	0	20.61	20.75	20.61	22.00
10	256QAM	1	0	18.52	18.66	18.53	20.00
10	256QAM	1	25	18.48	18.54	18.39	20.00
10	256QAM	1	49	18.42	18.56	18.50	20.00
10	256QAM	25	0	18.53	18.74	18.51	20.00
10	256QAM	25	12	18.50	18.61	18.50	20.00
10	256QAM	25	25	18.50	18.63	18.54	20.00
10	256QAM	50	0	18.66	18.72	18.56	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.65	23.75	23.75	25.00
5	QPSK	1	12	23.56	23.67	23.45	25.00
5	QPSK	1	24	23.56	23.76	23.63	25.00
5	QPSK	12	0	22.68	22.73	22.69	24.00
5	QPSK	12	7	22.52	22.74	22.60	24.00

5	QPSK	12	13	22.63	22.76	22.55	24.00
5	QPSK	25	0	22.60	22.66	22.63	24.00
5	16QAM	1	0	22.56	22.67	22.55	24.00
5	16QAM	1	12	22.52	22.62	22.58	24.00
5	16QAM	1	24	22.69	22.69	22.55	24.00
5	16QAM	12	0	21.63	21.76	21.53	23.00
5	16QAM	12	7	21.63	21.77	21.55	23.00
5	16QAM	12	13	21.66	21.73	21.62	23.00
5	16QAM	25	0	21.69	21.68	21.64	23.00
5	64QAM	1	0	21.54	21.68	21.61	23.00
5	64QAM	1	12	21.70	21.70	21.69	23.00
5	64QAM	1	24	21.63	21.64	21.57	23.00
5	64QAM	12	0	20.59	20.65	20.64	22.00
5	64QAM	12	7	20.65	20.65	20.59	22.00
5	64QAM	12	13	20.63	20.67	20.59	22.00
5	64QAM	25	0	20.62	20.70	20.50	22.00
5	256QAM	1	0	18.43	18.54	18.49	20.00
5	256QAM	1	12	18.52	18.62	18.40	20.00
5	256QAM	1	24	18.40	18.59	18.49	20.00
5	256QAM	12	0	18.61	18.75	18.48	20.00
5	256QAM	12	7	18.50	18.65	18.45	20.00
5	256QAM	12	13	18.47	18.71	18.48	20.00
5	256QAM	25	0	18.64	18.64	18.67	20.00

【LTE Band 7_Ant 3_ECI 1】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	19.57
20	QPSK	1	49	19.41
20	QPSK	1	99	19.46
20	QPSK	50	0	19.63
20	QPSK	50	24	19.49
20	QPSK	50	50	19.38
20	QPSK	100	0	19.39
20	16QAM	1	0	19.43
20	16QAM	1	49	19.44
20	16QAM	1	99	19.41
20	16QAM	50	0	19.40
20	16QAM	50	24	19.44
20	16QAM	50	50	19.41
20	16QAM	100	0	19.38
20	64QAM	1	0	19.40
20	64QAM	1	49	19.43
20	64QAM	1	99	19.46
20	64QAM	50	0	19.44
20	64QAM	50	24	19.42
20	64QAM	50	50	19.44
20	64QAM	100	0	19.39
20	256QAM	1	0	19.02
20	256QAM	1	49	19.04
20	256QAM	1	99	19.04
20	256QAM	50	0	19.12
20	256QAM	50	24	19.03
20	256QAM	50	50	19.03
20	256QAM	100	0	19.04
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	19.50
15	QPSK	1	37	19.29
15	QPSK	1	74	19.34
15	QPSK	36	0	19.60
15	QPSK	36	20	19.37
15	QPSK	36	39	19.26
15	QPSK	75	0	19.36
15	16QAM	1	0	19.32
15	16QAM	1	37	19.34
15	16QAM	1	74	19.38
15	16QAM	36	0	19.28
15	16QAM	36	20	19.29
15	16QAM	36	39	19.31

15	16QAM	75	0	19.32	19.52	19.34	21.00
15	64QAM	1	0	19.34	19.47	19.41	21.00
15	64QAM	1	37	19.36	19.44	19.39	21.00
15	64QAM	1	74	19.41	19.43	19.48	21.00
15	64QAM	36	0	19.32	19.57	19.41	21.00
15	64QAM	36	20	19.33	19.59	19.48	21.00
15	64QAM	36	39	19.39	19.54	19.50	21.00
15	64QAM	75	0	19.36	19.47	19.50	21.00
15	256QAM	1	0	18.99	19.21	19.12	20.50
15	256QAM	1	37	18.97	19.16	19.07	20.50
15	256QAM	1	74	19.01	19.06	19.04	20.50
15	256QAM	36	0	19.02	19.11	19.05	20.50
15	256QAM	36	20	18.98	19.11	19.06	20.50
15	256QAM	36	39	18.95	19.16	19.10	20.50
15	256QAM	75	0	18.92	19.04	19.11	20.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.46	19.56	19.60	21.00
10	QPSK	1	25	19.39	19.43	19.42	21.00
10	QPSK	1	49	19.39	19.49	19.50	21.00
10	QPSK	25	0	19.49	19.55	19.50	21.00
10	QPSK	25	12	19.41	19.53	19.55	21.00
10	QPSK	25	25	19.24	19.55	19.55	21.00
10	QPSK	50	0	19.30	19.49	19.51	21.00
10	16QAM	1	0	19.32	19.51	19.50	21.00
10	16QAM	1	25	19.29	19.45	19.47	21.00
10	16QAM	1	49	19.33	19.49	19.53	21.00
10	16QAM	25	0	19.38	19.47	19.54	21.00
10	16QAM	25	12	19.38	19.46	19.48	21.00
10	16QAM	25	25	19.27	19.40	19.50	21.00
10	16QAM	50	0	19.37	19.59	19.42	21.00
10	64QAM	1	0	19.31	19.50	19.53	21.00
10	64QAM	1	25	19.31	19.55	19.39	21.00
10	64QAM	1	49	19.32	19.47	19.51	21.00
10	64QAM	25	0	19.40	19.47	19.42	21.00
10	64QAM	25	12	19.37	19.56	19.50	21.00
10	64QAM	25	25	19.35	19.58	19.46	21.00
10	64QAM	50	0	19.25	19.47	19.53	21.00
10	256QAM	1	0	18.88	19.23	19.10	20.50
10	256QAM	1	25	18.96	19.12	19.16	20.50
10	256QAM	1	49	18.93	19.10	19.08	20.50
10	256QAM	25	0	19.07	19.03	19.08	20.50
10	256QAM	25	12	18.98	19.18	19.05	20.50
10	256QAM	25	25	18.91	19.13	19.16	20.50
10	256QAM	50	0	18.91	19.06	19.04	20.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.47	19.56	19.55	21.00
5	QPSK	1	12	19.38	19.46	19.39	21.00
5	QPSK	1	24	19.34	19.44	19.54	21.00
5	QPSK	12	0	19.52	19.65	19.49	21.00
5	QPSK	12	7	19.46	19.51	19.56	21.00
5	QPSK	12	13	19.30	19.42	19.51	21.00
5	QPSK	25	0	19.25	19.50	19.39	21.00
5	16QAM	1	0	19.28	19.41	19.53	21.00
5	16QAM	1	12	19.42	19.49	19.48	21.00
5	16QAM	1	24	19.37	19.49	19.49	21.00
5	16QAM	12	0	19.33	19.55	19.48	21.00
5	16QAM	12	7	19.35	19.54	19.39	21.00
5	16QAM	12	13	19.31	19.43	19.50	21.00
5	16QAM	25	0	19.37	19.49	19.41	21.00
5	64QAM	1	0	19.28	19.60	19.46	21.00
5	64QAM	1	12	19.42	19.45	19.39	21.00
5	64QAM	1	24	19.44	19.46	19.48	21.00
5	64QAM	12	0	19.41	19.51	19.46	21.00
5	64QAM	12	7	19.28	19.49	19.49	21.00
5	64QAM	12	13	19.40	19.56	19.47	21.00
5	64QAM	25	0	19.36	19.39	19.55	21.00
5	256QAM	1	0	18.93	19.14	19.07	20.50
5	256QAM	1	12	19.00	19.16	19.15	20.50
5	256QAM	1	24	19.01	19.06	19.08	20.50
5	256QAM	12	0	19.07	19.02	19.04	20.50
5	256QAM	12	7	18.99	19.11	19.13	20.50
5	256QAM	12	13	19.00	19.15	19.20	20.50
5	256QAM	25	0	18.90	19.08	19.11	20.50

【LTE Band 7_Ant 3_ECI 1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.47	19.62	19.55	21.00
20	QPSK	1	49	19.31	19.35	19.34	21.00
20	QPSK	1	99	19.34	19.36	19.46	21.00
20	QPSK	50	0	19.59	19.61	19.58	21.00
20	QPSK	50	24	19.37	19.46	19.47	21.00
20	QPSK	50	50	19.19	19.47	19.44	21.00
20	QPSK	100	0	19.29	19.46	19.39	21.00
20	16QAM	1	0	19.28	19.44	19.42	21.00
20	16QAM	1	49	19.35	19.49	19.36	21.00
20	16QAM	1	99	19.32	19.47	19.44	21.00
20	16QAM	50	0	19.25	19.50	19.39	21.00
20	16QAM	50	24	19.33	19.47	19.38	21.00
20	16QAM	50	50	19.29	19.32	19.48	21.00
20	16QAM	100	0	19.23	19.52	19.41	21.00
20	64QAM	1	0	19.23	19.51	19.41	21.00
20	64QAM	1	49	19.32	19.45	19.38	21.00
20	64QAM	1	99	19.37	19.41	19.46	21.00
20	64QAM	50	0	19.30	19.40	19.34	21.00
20	64QAM	50	24	19.30	19.47	19.51	21.00
20	64QAM	50	50	19.35	19.53	19.34	21.00
20	64QAM	100	0	19.27	19.42	19.40	21.00
20	256QAM	1	0	18.88	19.09	19.02	21.00
20	256QAM	1	49	18.90	19.13	19.07	21.00
20	256QAM	1	99	18.85	19.02	19.05	21.00
20	256QAM	50	0	18.58	18.74	18.74	20.00
20	256QAM	50	24	18.37	18.49	18.46	20.00
20	256QAM	50	50	18.49	18.59	18.54	20.00
20	256QAM	100	0	18.65	18.72	18.60	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.35	19.49	19.41	21.00
15	QPSK	1	37	19.18	19.31	19.25	21.00
15	QPSK	1	74	19.21	19.28	19.44	21.00
15	QPSK	36	0	19.53	19.51	19.45	21.00
15	QPSK	36	20	19.33	19.45	19.41	21.00
15	QPSK	36	39	19.15	19.41	19.37	21.00
15	QPSK	75	0	19.20	19.38	19.38	21.00
15	16QAM	1	0	19.22	19.36	19.35	21.00
15	16QAM	1	37	19.22	19.48	19.21	21.00
15	16QAM	1	74	19.18	19.33	19.32	21.00
15	16QAM	36	0	19.22	19.36	19.36	21.00
15	16QAM	36	20	19.28	19.44	19.25	21.00
15	16QAM	36	39	19.18	19.28	19.46	21.00
15	16QAM	75	0	19.17	19.46	19.36	21.00
15	64QAM	1	0	19.08	19.40	19.32	21.00
15	64QAM	1	37	19.18	19.43	19.28	21.00
15	64QAM	1	74	19.29	19.31	19.33	21.00
15	64QAM	36	0	19.19	19.38	19.31	21.00
15	64QAM	36	20	19.21	19.36	19.43	21.00
15	64QAM	36	39	19.23	19.49	19.24	21.00
15	64QAM	75	0	19.21	19.27	19.38	21.00
15	256QAM	1	0	18.75	19.04	19.00	21.00
15	256QAM	1	37	18.77	19.05	18.97	21.00
15	256QAM	1	74	18.74	18.93	18.91	21.00
15	256QAM	36	0	18.54	18.69	18.68	20.00
15	256QAM	36	20	18.35	18.38	18.43	20.00
15	256QAM	36	39	18.47	18.56	18.50	20.00
15	256QAM	75	0	18.57	18.65	18.50	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.46	19.50	19.49	21.00
10	QPSK	1	25	19.24	19.31	19.23	21.00
10	QPSK	1	49	19.23	19.31	19.45	21.00
10	QPSK	25	0	19.48	19.53	19.46	21.00
10	QPSK	25	12	19.28	19.44	19.35	21.00
10	QPSK	25	25	19.11	19.36	19.38	21.00
10	QPSK	50	0	19.17	19.31	19.27	21.00
10	16QAM	1	0	19.24	19.41	19.38	21.00
10	16QAM	1	25	19.28	19.41	19.29	21.00

10	16QAM	1	49	19.30	19.34	19.42	21.00
10	16QAM	25	0	19.19	19.43	19.37	21.00
10	16QAM	25	12	19.18	19.40	19.27	21.00
10	16QAM	25	25	19.20	19.27	19.34	21.00
10	16QAM	50	0	19.21	19.42	19.32	21.00
10	64QAM	1	0	19.09	19.37	19.36	21.00
10	64QAM	1	25	19.22	19.38	19.35	21.00
10	64QAM	1	49	19.30	19.31	19.31	21.00
10	64QAM	25	0	19.15	19.30	19.20	21.00
10	64QAM	25	12	19.22	19.42	19.39	21.00
10	64QAM	25	25	19.27	19.40	19.20	21.00
10	64QAM	50	0	19.15	19.34	19.38	21.00
10	256QAM	1	0	18.81	19.05	18.90	21.00
10	256QAM	1	25	18.78	19.02	18.95	21.00
10	256QAM	1	49	18.79	18.88	18.97	21.00
10	256QAM	25	0	18.55	18.71	18.67	20.00
10	256QAM	25	12	18.35	18.34	18.31	20.00
10	256QAM	25	25	18.44	18.58	18.44	20.00
10	256QAM	50	0	18.56	18.67	18.48	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.39	19.53	19.44	21.00
5	QPSK	1	12	19.28	19.24	19.33	21.00
5	QPSK	1	24	19.26	19.28	19.32	21.00
5	QPSK	12	0	19.48	19.54	19.50	21.00
5	QPSK	12	7	19.36	19.43	19.37	21.00
5	QPSK	12	13	19.10	19.46	19.43	21.00
5	QPSK	25	0	19.23	19.33	19.25	21.00
5	16QAM	1	0	19.24	19.38	19.33	21.00
5	16QAM	1	12	19.27	19.42	19.22	21.00
5	16QAM	1	24	19.27	19.41	19.30	21.00
5	16QAM	12	0	19.14	19.45	19.31	21.00
5	16QAM	12	7	19.31	19.40	19.28	21.00
5	16QAM	12	13	19.18	19.25	19.34	21.00
5	16QAM	25	0	19.11	19.47	19.31	21.00
5	64QAM	1	0	19.14	19.43	19.28	21.00
5	64QAM	1	12	19.27	19.31	19.24	21.00
5	64QAM	1	24	19.29	19.40	19.38	21.00
5	64QAM	12	0	19.26	19.29	19.29	21.00
5	64QAM	12	7	19.17	19.35	19.44	21.00
5	64QAM	12	13	19.27	19.50	19.28	21.00
5	64QAM	25	0	19.13	19.40	19.28	21.00
5	256QAM	1	0	18.80	19.01	18.88	21.00
5	256QAM	1	12	18.85	19.08	18.94	21.00
5	256QAM	1	24	18.76	18.99	18.93	21.00
5	256QAM	12	0	18.47	18.67	18.66	20.00
5	256QAM	12	7	18.28	18.40	18.40	20.00
5	256QAM	12	13	18.43	18.50	18.45	20.00
5	256QAM	25	0	18.58	18.61	18.45	20.00

【LTE Band 7_Ant 3_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.69	18.83	18.80	20.00
20	QPSK	1	49	18.59	18.74	18.61	20.00
20	QPSK	1	99	18.53	18.64	18.61	20.00
20	QPSK	50	0	18.79	18.81	18.78	20.00
20	QPSK	50	24	18.55	18.71	18.61	20.00
20	QPSK	50	50	18.56	18.74	18.68	20.00
20	QPSK	100	0	18.52	18.70	18.68	20.00
20	16QAM	1	0	18.58	18.68	18.64	20.00
20	16QAM	1	49	18.52	18.70	18.67	20.00
20	16QAM	1	99	18.59	18.67	18.71	20.00
20	16QAM	50	0	18.56	18.68	18.64	20.00
20	16QAM	50	24	18.50	18.74	18.64	20.00
20	16QAM	50	50	18.60	18.72	18.65	20.00
20	16QAM	100	0	18.56	18.74	18.63	20.00
20	64QAM	1	0	18.56	18.65	18.66	20.00
20	64QAM	1	49	18.54	18.65	18.64	20.00
20	64QAM	1	99	18.51	18.67	18.61	20.00

20	64QAM	50	0	18.52	18.67	18.66	20.00
20	64QAM	50	24	18.60	18.65	18.69	20.00
20	64QAM	50	50	18.56	18.64	18.72	20.00
20	64QAM	100	0	18.54	18.71	18.68	20.00
20	256QAM	1	0	18.52	18.73	18.69	20.00
20	256QAM	1	49	18.54	18.73	18.72	20.00
20	256QAM	1	99	18.56	18.66	18.61	20.00
20	256QAM	50	0	18.56	18.64	18.61	20.00
20	256QAM	50	24	18.49	18.67	18.61	20.00
20	256QAM	50	50	18.50	18.72	18.61	20.00
20	256QAM	100	0	18.60	18.64	18.61	20.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	18.58	18.70	18.74	20.00
15	QPSK	1	37	18.58	18.61	18.54	20.00
15	QPSK	1	74	18.45	18.51	18.60	20.00
15	QPSK	36	0	18.76	18.70	18.72	20.00
15	QPSK	36	20	18.52	18.61	18.60	20.00
15	QPSK	36	39	18.46	18.61	18.64	20.00
15	QPSK	75	0	18.47	18.64	18.54	20.00
15	16QAM	1	0	18.51	18.63	18.61	20.00
15	16QAM	1	37	18.45	18.57	18.52	20.00
15	16QAM	1	74	18.51	18.64	18.66	20.00
15	16QAM	36	0	18.49	18.56	18.58	20.00
15	16QAM	36	20	18.44	18.59	18.60	20.00
15	16QAM	36	39	18.51	18.65	18.59	20.00
15	16QAM	75	0	18.44	18.70	18.53	20.00
15	64QAM	1	0	18.48	18.58	18.55	20.00
15	64QAM	1	37	18.49	18.54	18.53	20.00
15	64QAM	1	74	18.44	18.61	18.55	20.00
15	64QAM	36	0	18.42	18.55	18.65	20.00
15	64QAM	36	20	18.48	18.61	18.58	20.00
15	64QAM	36	39	18.45	18.59	18.66	20.00
15	64QAM	75	0	18.48	18.57	18.64	20.00
15	256QAM	1	0	18.39	18.71	18.62	20.00
15	256QAM	1	37	18.48	18.66	18.68	20.00
15	256QAM	1	74	18.48	18.52	18.51	20.00
15	256QAM	36	0	18.54	18.62	18.51	20.00
15	256QAM	36	20	18.44	18.60	18.47	20.00
15	256QAM	36	39	18.43	18.59	18.48	20.00
15	256QAM	75	0	18.54	18.58	18.53	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.62	18.72	18.71	20.00
10	QPSK	1	25	18.49	18.70	18.53	20.00
10	QPSK	1	49	18.51	18.56	18.60	20.00
10	QPSK	25	0	18.72	18.79	18.77	20.00
10	QPSK	25	12	18.51	18.57	18.52	20.00
10	QPSK	25	25	18.44	18.69	18.56	20.00
10	QPSK	50	0	18.38	18.61	18.55	20.00
10	16QAM	1	0	18.54	18.66	18.62	20.00
10	16QAM	1	25	18.43	18.59	18.58	20.00
10	16QAM	1	49	18.49	18.54	18.68	20.00
10	16QAM	25	0	18.49	18.67	18.53	20.00
10	16QAM	25	12	18.36	18.68	18.58	20.00
10	16QAM	25	25	18.50	18.65	18.53	20.00
10	16QAM	50	0	18.42	18.67	18.53	20.00
10	64QAM	1	0	18.43	18.53	18.58	20.00
10	64QAM	1	25	18.50	18.64	18.55	20.00
10	64QAM	1	49	18.40	18.60	18.57	20.00
10	64QAM	25	0	18.41	18.65	18.58	20.00
10	64QAM	25	12	18.51	18.62	18.64	20.00
10	64QAM	25	25	18.51	18.56	18.65	20.00
10	64QAM	50	0	18.50	18.66	18.62	20.00
10	256QAM	1	0	18.49	18.71	18.67	20.00
10	256QAM	1	25	18.51	18.60	18.68	20.00
10	256QAM	1	49	18.54	18.63	18.58	20.00
10	256QAM	25	0	18.44	18.57	18.51	20.00
10	256QAM	25	12	18.39	18.54	18.49	20.00
10	256QAM	25	25	18.42	18.60	18.49	20.00
10	256QAM	50	0	18.55	18.55	18.58	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.59	18.69	18.76	20.00
5	QPSK	1	12	18.49	18.59	18.49	20.00
5	QPSK	1	24	18.49	18.49	18.60	20.00
5	QPSK	12	0	18.70	18.74	18.76	20.00
5	QPSK	12	7	18.50	18.62	18.55	20.00

5	QPSK	12	13	18.44	18.68	18.65	20.00
5	QPSK	25	0	18.42	18.66	18.60	20.00
5	16QAM	1	0	18.45	18.56	18.59	20.00
5	16QAM	1	12	18.48	18.66	18.64	20.00
5	16QAM	1	24	18.47	18.65	18.63	20.00
5	16QAM	12	0	18.52	18.56	18.62	20.00
5	16QAM	12	7	18.41	18.68	18.58	20.00
5	16QAM	12	13	18.56	18.66	18.50	20.00
5	16QAM	25	0	18.45	18.67	18.52	20.00
5	64QAM	1	0	18.47	18.63	18.64	20.00
5	64QAM	1	12	18.46	18.52	18.55	20.00
5	64QAM	1	24	18.38	18.59	18.47	20.00
5	64QAM	12	0	18.48	18.54	18.58	20.00
5	64QAM	12	7	18.47	18.56	18.58	20.00
5	64QAM	12	13	18.47	18.51	18.62	20.00
5	64QAM	25	0	18.49	18.66	18.60	20.00
5	256QAM	1	0	18.41	18.58	18.67	20.00
5	256QAM	1	12	18.40	18.65	18.62	20.00
5	256QAM	1	24	18.51	18.63	18.55	20.00
5	256QAM	12	0	18.55	18.55	18.54	20.00
5	256QAM	12	7	18.44	18.53	18.57	20.00
5	256QAM	12	13	18.38	18.61	18.48	20.00
5	256QAM	25	0	18.55	18.55	18.56	20.00

【LTE Band 7_Ant 3_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.59	18.76	18.73	20.00
20	QPSK	1	49	18.47	18.61	18.52	20.00
20	QPSK	1	99	18.45	18.53	18.47	20.00
20	QPSK	50	0	18.66	18.75	18.73	20.00
20	QPSK	50	24	18.40	18.62	18.55	20.00
20	QPSK	50	50	18.46	18.60	18.64	20.00
20	QPSK	100	0	18.43	18.58	18.54	20.00
20	16QAM	1	0	18.52	18.60	18.54	20.00
20	16QAM	1	49	18.47	18.61	18.57	20.00
20	16QAM	1	99	18.46	18.53	18.66	20.00
20	16QAM	50	0	18.49	18.55	18.51	20.00
20	16QAM	50	24	18.36	18.64	18.52	20.00
20	16QAM	50	50	18.49	18.66	18.59	20.00
20	16QAM	100	0	18.48	18.63	18.59	20.00
20	64QAM	1	0	18.45	18.57	18.55	20.00
20	64QAM	1	49	18.49	18.51	18.58	20.00
20	64QAM	1	99	18.47	18.54	18.48	20.00
20	64QAM	50	0	18.39	18.54	18.58	20.00
20	64QAM	50	24	18.55	18.59	18.65	20.00
20	64QAM	50	50	18.48	18.57	18.66	20.00
20	64QAM	100	0	18.46	18.59	18.53	20.00
20	256QAM	1	0	18.42	18.66	18.58	20.00
20	256QAM	1	49	18.43	18.68	18.65	20.00
20	256QAM	1	99	18.48	18.52	18.48	20.00
20	256QAM	50	0	18.46	18.59	18.53	20.00
20	256QAM	50	24	18.37	18.62	18.55	20.00
20	256QAM	50	50	18.44	18.61	18.56	20.00
20	256QAM	100	0	18.54	18.49	18.54	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.50	18.65	18.59	20.00
15	QPSK	1	37	18.42	18.50	18.50	20.00
15	QPSK	1	74	18.32	18.51	18.46	20.00
15	QPSK	36	0	18.63	18.63	18.60	20.00
15	QPSK	36	20	18.26	18.54	18.45	20.00
15	QPSK	36	39	18.39	18.47	18.53	20.00
15	QPSK	75	0	18.33	18.56	18.43	20.00
15	16QAM	1	0	18.39	18.46	18.44	20.00
15	16QAM	1	37	18.35	18.47	18.46	20.00
15	16QAM	1	74	18.34	18.40	18.60	20.00
15	16QAM	36	0	18.36	18.43	18.47	20.00
15	16QAM	36	20	18.31	18.61	18.50	20.00
15	16QAM	36	39	18.38	18.62	18.55	20.00

15	16QAM	75	0	18.35	18.61	18.46	20.00
15	64QAM	1	0	18.41	18.55	18.44	20.00
15	64QAM	1	37	18.36	18.47	18.52	20.00
15	64QAM	1	74	18.37	18.41	18.40	20.00
15	64QAM	36	0	18.37	18.43	18.53	20.00
15	64QAM	36	20	18.48	18.55	18.56	20.00
15	64QAM	36	39	18.44	18.56	18.62	20.00
15	64QAM	75	0	18.39	18.56	18.39	20.00
15	256QAM	1	0	18.29	18.58	18.55	20.00
15	256QAM	1	37	18.35	18.58	18.51	20.00
15	256QAM	1	74	18.37	18.48	18.43	20.00
15	256QAM	36	0	18.32	18.46	18.49	20.00
15	256QAM	36	20	18.29	18.49	18.54	20.00
15	256QAM	36	39	18.38	18.51	18.51	20.00
15	256QAM	75	0	18.44	18.34	18.52	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.55	18.64	18.63	20.00
10	QPSK	1	25	18.39	18.51	18.41	20.00
10	QPSK	1	49	18.34	18.47	18.35	20.00
10	QPSK	25	0	18.59	18.70	18.60	20.00
10	QPSK	25	12	18.37	18.59	18.52	20.00
10	QPSK	25	25	18.38	18.51	18.51	20.00
10	QPSK	50	0	18.39	18.47	18.47	20.00
10	16QAM	1	0	18.40	18.46	18.40	20.00
10	16QAM	1	25	18.41	18.52	18.43	20.00
10	16QAM	1	49	18.37	18.51	18.52	20.00
10	16QAM	25	0	18.36	18.43	18.47	20.00
10	16QAM	25	12	18.21	18.60	18.43	20.00
10	16QAM	25	25	18.44	18.63	18.57	20.00
10	16QAM	50	0	18.41	18.55	18.47	20.00
10	64QAM	1	0	18.40	18.53	18.47	20.00
10	64QAM	1	25	18.46	18.45	18.52	20.00
10	64QAM	1	49	18.40	18.40	18.42	20.00
10	64QAM	25	0	18.32	18.47	18.49	20.00
10	64QAM	25	12	18.48	18.52	18.52	20.00
10	64QAM	25	25	18.44	18.51	18.53	20.00
10	64QAM	50	0	18.39	18.48	18.40	20.00
10	256QAM	1	0	18.31	18.52	18.52	20.00
10	256QAM	1	25	18.35	18.60	18.59	20.00
10	256QAM	1	49	18.39	18.44	18.34	20.00
10	256QAM	25	0	18.42	18.48	18.50	20.00
10	256QAM	25	12	18.34	18.50	18.41	20.00
10	256QAM	25	25	18.43	18.56	18.44	20.00
10	256QAM	50	0	18.51	18.36	18.51	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.53	18.65	18.61	20.00
5	QPSK	1	12	18.43	18.52	18.40	20.00
5	QPSK	1	24	18.38	18.45	18.35	20.00
5	QPSK	12	0	18.54	18.62	18.66	20.00
5	QPSK	12	7	18.33	18.56	18.48	20.00
5	QPSK	12	13	18.41	18.58	18.55	20.00
5	QPSK	25	0	18.30	18.54	18.52	20.00
5	16QAM	1	0	18.41	18.52	18.52	20.00
5	16QAM	1	12	18.32	18.59	18.54	20.00
5	16QAM	1	24	18.40	18.47	18.65	20.00
5	16QAM	12	0	18.37	18.44	18.41	20.00
5	16QAM	12	7	18.30	18.56	18.45	20.00
5	16QAM	12	13	18.35	18.62	18.48	20.00
5	16QAM	25	0	18.36	18.51	18.46	20.00
5	64QAM	1	0	18.44	18.45	18.48	20.00
5	64QAM	1	12	18.36	18.44	18.44	20.00
5	64QAM	1	24	18.42	18.53	18.39	20.00
5	64QAM	12	0	18.35	18.40	18.50	20.00
5	64QAM	12	7	18.47	18.48	18.55	20.00
5	64QAM	12	13	18.42	18.50	18.61	20.00
5	64QAM	25	0	18.42	18.54	18.44	20.00
5	256QAM	1	0	18.37	18.52	18.52	20.00
5	256QAM	1	12	18.39	18.60	18.51	20.00
5	256QAM	1	24	18.33	18.42	18.33	20.00
5	256QAM	12	0	18.39	18.57	18.46	20.00
5	256QAM	12	7	18.28	18.50	18.48	20.00
5	256QAM	12	13	18.35	18.55	18.42	20.00
5	256QAM	25	0	18.52	18.38	18.47	20.00

【LTE Band 7_Ant 3_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.01	24.09	24.08	25.50
20	QPSK	1	49	23.92	23.98	23.98	25.50
20	QPSK	1	99	23.95	23.96	23.90	25.50
20	QPSK	50	0	23.12	23.22	23.10	24.50
20	QPSK	50	24	23.16	23.17	23.05	24.50
20	QPSK	50	50	23.05	23.11	23.11	24.50
20	QPSK	100	0	23.05	23.06	23.05	24.50
20	16QAM	1	0	23.09	23.07	23.06	24.50
20	16QAM	1	49	23.14	23.14	23.11	24.50
20	16QAM	1	99	23.05	23.14	23.08	24.50
20	16QAM	50	0	22.02	22.16	22.06	23.50
20	16QAM	50	24	22.19	22.19	22.12	23.50
20	16QAM	50	50	22.07	22.07	22.06	23.50
20	16QAM	100	0	22.06	22.08	22.12	23.50
20	64QAM	1	0	22.17	22.11	22.09	23.50
20	64QAM	1	49	22.10	22.01	22.06	23.50
20	64QAM	1	99	22.09	22.14	22.02	23.50
20	64QAM	50	0	21.07	21.03	21.08	22.50
20	64QAM	50	24	21.07	21.16	21.07	22.50
20	64QAM	50	50	21.07	21.07	21.10	22.50
20	64QAM	100	0	21.02	21.08	21.11	22.50
20	256QAM	1	0	19.12	19.18	19.14	20.50
20	256QAM	1	49	19.06	19.09	19.10	20.50
20	256QAM	1	99	19.10	19.22	19.16	20.50
20	256QAM	50	0	19.18	19.08	19.08	20.50
20	256QAM	50	24	19.04	19.07	19.08	20.50
20	256QAM	50	50	19.08	19.08	19.16	20.50
20	256QAM	100	0	19.06	19.19	19.05	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.92	24.07	23.95	25.50
15	QPSK	1	37	23.84	23.96	23.90	25.50
15	QPSK	1	74	23.94	23.85	23.75	25.50
15	QPSK	36	0	22.98	23.20	23.04	24.50
15	QPSK	36	20	23.10	23.12	22.95	24.50
15	QPSK	36	39	22.99	23.04	23.00	24.50
15	QPSK	75	0	22.93	23.01	22.91	24.50
15	16QAM	1	0	23.01	22.92	22.92	24.50
15	16QAM	1	37	23.02	23.12	23.07	24.50
15	16QAM	1	74	22.98	23.11	22.97	24.50
15	16QAM	36	0	21.93	22.04	22.03	23.50
15	16QAM	36	20	22.15	22.13	22.10	23.50
15	16QAM	36	39	21.99	22.03	22.02	23.50
15	16QAM	75	0	21.96	21.97	21.98	23.50
15	64QAM	1	0	22.13	22.05	21.94	23.50
15	64QAM	1	37	21.96	21.90	22.01	23.50
15	64QAM	1	74	21.97	22.04	21.95	23.50
15	64QAM	36	0	20.96	20.99	20.99	22.50
15	64QAM	36	20	20.95	21.12	21.00	22.50
15	64QAM	36	39	21.00	20.93	21.03	22.50
15	64QAM	75	0	20.88	21.06	21.04	22.50
15	256QAM	1	0	19.07	19.17	19.08	20.50
15	256QAM	1	37	18.96	19.08	19.03	20.50
15	256QAM	1	74	18.98	19.16	19.12	20.50
15	256QAM	36	0	19.07	19.06	18.94	20.50
15	256QAM	36	20	18.94	18.95	19.02	20.50
15	256QAM	36	39	19.06	19.03	19.12	20.50
15	256QAM	75	0	19.04	19.17	18.96	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.89	24.03	24.07	25.50
10	QPSK	1	25	23.82	23.87	23.87	25.50
10	QPSK	1	49	23.89	23.84	23.83	25.50
10	QPSK	25	0	23.01	23.07	22.96	24.50
10	QPSK	25	12	23.13	23.07	22.92	24.50
10	QPSK	25	25	22.97	22.99	22.96	24.50
10	QPSK	50	0	22.95	22.97	22.99	24.50
10	16QAM	1	0	22.95	23.04	23.03	24.50
10	16QAM	1	25	23.07	23.03	23.01	24.50

10	16QAM	1	49	22.92	23.13	22.99	24.50
10	16QAM	25	0	21.94	22.03	21.98	23.50
10	16QAM	25	12	22.08	22.13	22.03	23.50
10	16QAM	25	25	21.99	21.92	22.00	23.50
10	16QAM	50	0	21.97	22.07	22.06	23.50
10	64QAM	1	0	22.06	22.01	22.07	23.50
10	64QAM	1	25	22.06	21.99	21.97	23.50
10	64QAM	1	49	22.02	22.13	21.89	23.50
10	64QAM	25	0	21.00	21.02	20.99	22.50
10	64QAM	25	12	21.05	21.02	20.99	22.50
10	64QAM	25	25	20.98	21.01	21.06	22.50
10	64QAM	50	0	21.01	20.98	21.02	22.50
10	256QAM	1	0	18.99	19.08	19.09	20.50
10	256QAM	1	25	18.96	19.02	19.06	20.50
10	256QAM	1	49	19.06	19.14	19.03	20.50
10	256QAM	25	0	19.09	19.04	19.00	20.50
10	256QAM	25	12	18.96	18.93	18.93	20.50
10	256QAM	25	25	19.02	18.95	19.05	20.50
10	256QAM	50	0	18.96	19.09	19.01	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.96	23.95	24.05	25.50
5	QPSK	1	12	23.78	23.92	23.93	25.50
5	QPSK	1	24	23.80	23.92	23.76	25.50
5	QPSK	12	0	23.00	23.19	22.97	24.50
5	QPSK	12	7	23.04	23.08	22.97	24.50
5	QPSK	12	13	22.96	22.98	23.00	24.50
5	QPSK	25	0	22.92	22.94	23.00	24.50
5	16QAM	1	0	23.03	22.99	23.05	24.50
5	16QAM	1	12	23.01	23.03	23.10	24.50
5	16QAM	1	24	22.91	23.02	22.98	24.50
5	16QAM	12	0	21.89	22.14	22.00	23.50
5	16QAM	12	7	22.07	22.10	22.09	23.50
5	16QAM	12	13	21.94	21.97	21.92	23.50
5	16QAM	25	0	22.02	21.93	22.11	23.50
5	64QAM	1	0	22.07	22.09	21.95	23.50
5	64QAM	1	12	21.97	21.96	21.95	23.50
5	64QAM	1	24	22.06	22.01	21.89	23.50
5	64QAM	12	0	21.03	20.99	20.96	22.50
5	64QAM	12	7	20.96	21.10	21.00	22.50
5	64QAM	12	13	21.05	20.93	21.04	22.50
5	64QAM	25	0	20.92	21.01	21.02	22.50
5	256QAM	1	0	19.09	19.13	19.09	20.50
5	256QAM	1	12	19.00	19.01	19.08	20.50
5	256QAM	1	24	19.02	19.08	19.12	20.50
5	256QAM	12	0	19.08	18.99	18.95	20.50
5	256QAM	12	7	18.96	18.93	18.96	20.50
5	256QAM	12	13	19.04	18.97	19.04	20.50
5	256QAM	25	0	19.04	19.05	18.90	20.50

【LTE Band 7_Ant 3_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.79	23.81	23.76	25.00
20	QPSK	1	49	23.59	23.73	23.56	25.00
20	QPSK	1	99	23.69	23.78	23.71	25.00
20	QPSK	50	0	22.73	22.80	22.75	24.00
20	QPSK	50	24	22.65	22.79	22.62	24.00
20	QPSK	50	50	22.74	22.78	22.59	24.00
20	QPSK	100	0	22.68	22.77	22.65	24.00
20	16QAM	1	0	22.68	22.79	22.60	24.00
20	16QAM	1	49	22.58	22.70	22.62	24.00
20	16QAM	1	99	22.71	22.75	22.68	24.00
20	16QAM	50	0	21.67	21.81	21.63	23.00
20	16QAM	50	24	21.66	21.80	21.61	23.00
20	16QAM	50	50	21.74	21.78	21.66	23.00
20	16QAM	100	0	21.75	21.82	21.74	23.00
20	64QAM	1	0	21.68	21.83	21.69	23.00
20	64QAM	1	49	21.72	21.83	21.75	23.00
20	64QAM	1	99	21.73	21.79	21.61	23.00

20	64QAM	50	0	20.72	20.79	20.67	22.00
20	64QAM	50	24	20.67	20.75	20.69	22.00
20	64QAM	50	50	20.64	20.76	20.61	22.00
20	64QAM	100	0	20.67	20.77	20.64	22.00
20	256QAM	1	0	18.58	18.69	18.54	20.00
20	256QAM	1	49	18.57	18.64	18.48	20.00
20	256QAM	1	99	18.55	18.69	18.60	20.00
20	256QAM	50	0	18.67	18.77	18.62	20.00
20	256QAM	50	24	18.62	18.74	18.59	20.00
20	256QAM	50	50	18.59	18.73	18.61	20.00
20	256QAM	100	0	18.70	18.76	18.68	20.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	23.68	23.71	23.65	25.00
15	QPSK	1	37	23.54	23.63	23.54	25.00
15	QPSK	1	74	23.65	23.71	23.60	25.00
15	QPSK	36	0	22.72	22.76	22.68	24.00
15	QPSK	36	20	22.58	22.72	22.48	24.00
15	QPSK	36	39	22.60	22.70	22.56	24.00
15	QPSK	75	0	22.55	22.63	22.64	24.00
15	16QAM	1	0	22.60	22.72	22.58	24.00
15	16QAM	1	37	22.49	22.61	22.59	24.00
15	16QAM	1	74	22.57	22.69	22.59	24.00
15	16QAM	36	0	21.54	21.67	21.53	23.00
15	16QAM	36	20	21.64	21.72	21.49	23.00
15	16QAM	36	39	21.69	21.76	21.59	23.00
15	16QAM	75	0	21.72	21.79	21.63	23.00
15	64QAM	1	0	21.53	21.82	21.67	23.00
15	64QAM	1	37	21.58	21.73	21.72	23.00
15	64QAM	1	74	21.66	21.73	21.51	23.00
15	64QAM	36	0	20.58	20.66	20.56	22.00
15	64QAM	36	20	20.55	20.73	20.57	22.00
15	64QAM	36	39	20.55	20.74	20.59	22.00
15	64QAM	75	0	20.62	20.75	20.57	22.00
15	256QAM	1	0	18.43	18.60	18.51	20.00
15	256QAM	1	37	18.44	18.61	18.41	20.00
15	256QAM	1	74	18.43	18.57	18.52	20.00
15	256QAM	36	0	18.60	18.69	18.48	20.00
15	256QAM	36	20	18.47	18.66	18.49	20.00
15	256QAM	36	39	18.52	18.68	18.57	20.00
15	256QAM	75	0	18.62	18.72	18.59	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.75	23.71	23.72	25.00
10	QPSK	1	25	23.47	23.71	23.54	25.00
10	QPSK	1	49	23.67	23.64	23.65	25.00
10	QPSK	25	0	22.58	22.74	22.64	24.00
10	QPSK	25	12	22.57	22.71	22.48	24.00
10	QPSK	25	25	22.73	22.63	22.51	24.00
10	QPSK	50	0	22.62	22.67	22.62	24.00
10	16QAM	1	0	22.56	22.66	22.53	24.00
10	16QAM	1	25	22.52	22.60	22.47	24.00
10	16QAM	1	49	22.65	22.65	22.58	24.00
10	16QAM	25	0	21.60	21.78	21.54	23.00
10	16QAM	25	12	21.52	21.68	21.51	23.00
10	16QAM	25	25	21.65	21.65	21.62	23.00
10	16QAM	50	0	21.74	21.73	21.70	23.00
10	64QAM	1	0	21.63	21.68	21.61	23.00
10	64QAM	1	25	21.60	21.79	21.65	23.00
10	64QAM	1	49	21.67	21.68	21.53	23.00
10	64QAM	25	0	20.60	20.73	20.64	22.00
10	64QAM	25	12	20.65	20.70	20.67	22.00
10	64QAM	25	25	20.62	20.72	20.54	22.00
10	64QAM	50	0	20.61	20.75	20.61	22.00
10	256QAM	1	0	18.52	18.66	18.53	20.00
10	256QAM	1	25	18.48	18.54	18.39	20.00
10	256QAM	1	49	18.42	18.56	18.50	20.00
10	256QAM	25	0	18.53	18.74	18.51	20.00
10	256QAM	25	12	18.50	18.61	18.50	20.00
10	256QAM	25	25	18.50	18.63	18.54	20.00
10	256QAM	50	0	18.66	18.72	18.56	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.65	23.75	23.75	25.00
5	QPSK	1	12	23.56	23.67	23.45	25.00
5	QPSK	1	24	23.56	23.76	23.63	25.00
5	QPSK	12	0	22.68	22.73	22.69	24.00
5	QPSK	12	7	22.52	22.74	22.60	24.00

5	QPSK	12	13	22.63	22.76	22.55	24.00
5	QPSK	25	0	22.60	22.66	22.63	24.00
5	16QAM	1	0	22.56	22.67	22.55	24.00
5	16QAM	1	12	22.52	22.62	22.58	24.00
5	16QAM	1	24	22.69	22.69	22.55	24.00
5	16QAM	12	0	21.63	21.76	21.53	23.00
5	16QAM	12	7	21.63	21.77	21.55	23.00
5	16QAM	12	13	21.66	21.73	21.62	23.00
5	16QAM	25	0	21.69	21.68	21.64	23.00
5	64QAM	1	0	21.54	21.68	21.61	23.00
5	64QAM	1	12	21.70	21.70	21.69	23.00
5	64QAM	1	24	21.63	21.64	21.57	23.00
5	64QAM	12	0	20.59	20.65	20.64	22.00
5	64QAM	12	7	20.65	20.65	20.59	22.00
5	64QAM	12	13	20.63	20.67	20.59	22.00
5	64QAM	25	0	20.62	20.70	20.50	22.00
5	256QAM	1	0	18.43	18.54	18.49	20.00
5	256QAM	1	12	18.52	18.62	18.40	20.00
5	256QAM	1	24	18.40	18.59	18.49	20.00
5	256QAM	12	0	18.61	18.75	18.48	20.00
5	256QAM	12	7	18.50	18.65	18.45	20.00
5	256QAM	12	13	18.47	18.71	18.48	20.00
5	256QAM	25	0	18.64	18.64	18.67	20.00

【LTE Band 7_Ant 3_ECI 5】

BW [MHz]		Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.69	18.83	18.80	20.00	
20	QPSK	1	49	18.59	18.74	18.61	20.00	
20	QPSK	1	99	18.53	18.64	18.61	20.00	
20	QPSK	50	0	18.79	18.81	18.78	20.00	
20	QPSK	50	24	18.55	18.71	18.61	20.00	
20	QPSK	50	50	18.56	18.74	18.68	20.00	
20	QPSK	100	0	18.52	18.70	18.68	20.00	
20	16QAM	1	0	18.58	18.68	18.64	20.00	
20	16QAM	1	49	18.52	18.70	18.67	20.00	
20	16QAM	1	99	18.59	18.67	18.71	20.00	
20	16QAM	50	0	18.56	18.68	18.64	20.00	
20	16QAM	50	24	18.50	18.74	18.64	20.00	
20	16QAM	50	50	18.60	18.72	18.65	20.00	
20	16QAM	100	0	18.56	18.74	18.63	20.00	
20	64QAM	1	0	18.56	18.65	18.66	20.00	
20	64QAM	1	49	18.54	18.65	18.64	20.00	
20	64QAM	1	99	18.51	18.67	18.61	20.00	
20	64QAM	50	0	18.52	18.67	18.66	20.00	
20	64QAM	50	24	18.60	18.65	18.69	20.00	
20	64QAM	50	50	18.56	18.64	18.72	20.00	
20	64QAM	100	0	18.54	18.71	18.68	20.00	
20	256QAM	1	0	18.52	18.73	18.69	20.00	
20	256QAM	1	49	18.54	18.73	18.72	20.00	
20	256QAM	1	99	18.56	18.66	18.61	20.00	
20	256QAM	50	0	18.56	18.64	18.61	20.00	
20	256QAM	50	24	18.49	18.67	18.61	20.00	
20	256QAM	50	50	18.50	18.72	18.61	20.00	
20	256QAM	100	0	18.60	18.64	18.61	20.00	
Channel				20825	21100	21375	Tune-up limit (dBm)	
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.58	18.70	18.74	20.00	
15	QPSK	1	37	18.58	18.61	18.54	20.00	
15	QPSK	1	74	18.45	18.51	18.60	20.00	
15	QPSK	36	0	18.76	18.70	18.72	20.00	
15	QPSK	36	20	18.52	18.61	18.60	20.00	
15	QPSK	36	39	18.46	18.61	18.64	20.00	
15	QPSK	75	0	18.47	18.64	18.54	20.00	
15	16QAM	1	0	18.51	18.63	18.61	20.00	
15	16QAM	1	37	18.45	18.57	18.52	20.00	
15	16QAM	1	74	18.51	18.64	18.66	20.00	
15	16QAM	36	0	18.49	18.56	18.58	20.00	
15	16QAM	36	20	18.44	18.59	18.60	20.00	
15	16QAM	36	39	18.51	18.65	18.59	20.00	

15	16QAM	75	0	18.44	18.70	18.53	20.00
15	64QAM	1	0	18.48	18.58	18.55	20.00
15	64QAM	1	37	18.49	18.54	18.53	20.00
15	64QAM	1	74	18.44	18.61	18.55	20.00
15	64QAM	36	0	18.42	18.55	18.65	20.00
15	64QAM	36	20	18.48	18.61	18.58	20.00
15	64QAM	36	39	18.45	18.59	18.66	20.00
15	64QAM	75	0	18.48	18.57	18.64	20.00
15	256QAM	1	0	18.39	18.71	18.62	20.00
15	256QAM	1	37	18.48	18.66	18.68	20.00
15	256QAM	1	74	18.48	18.52	18.51	20.00
15	256QAM	36	0	18.54	18.62	18.51	20.00
15	256QAM	36	20	18.44	18.60	18.47	20.00
15	256QAM	36	39	18.43	18.59	18.48	20.00
15	256QAM	75	0	18.54	18.58	18.53	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.62	18.72	18.71	20.00
10	QPSK	1	25	18.49	18.70	18.53	20.00
10	QPSK	1	49	18.51	18.56	18.60	20.00
10	QPSK	25	0	18.72	18.79	18.77	20.00
10	QPSK	25	12	18.51	18.57	18.52	20.00
10	QPSK	25	25	18.44	18.69	18.56	20.00
10	QPSK	50	0	18.38	18.61	18.55	20.00
10	16QAM	1	0	18.54	18.66	18.62	20.00
10	16QAM	1	25	18.43	18.59	18.58	20.00
10	16QAM	1	49	18.49	18.54	18.68	20.00
10	16QAM	25	0	18.49	18.67	18.53	20.00
10	16QAM	25	12	18.36	18.68	18.58	20.00
10	16QAM	25	25	18.50	18.65	18.53	20.00
10	16QAM	50	0	18.42	18.67	18.53	20.00
10	64QAM	1	0	18.43	18.53	18.58	20.00
10	64QAM	1	25	18.50	18.64	18.55	20.00
10	64QAM	1	49	18.40	18.60	18.57	20.00
10	64QAM	25	0	18.41	18.65	18.58	20.00
10	64QAM	25	12	18.51	18.62	18.64	20.00
10	64QAM	25	25	18.51	18.56	18.65	20.00
10	64QAM	50	0	18.50	18.66	18.62	20.00
10	256QAM	1	0	18.49	18.71	18.67	20.00
10	256QAM	1	25	18.51	18.60	18.68	20.00
10	256QAM	1	49	18.54	18.63	18.58	20.00
10	256QAM	25	0	18.44	18.57	18.51	20.00
10	256QAM	25	12	18.39	18.54	18.49	20.00
10	256QAM	25	25	18.42	18.60	18.49	20.00
10	256QAM	50	0	18.55	18.55	18.58	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.59	18.69	18.76	20.00
5	QPSK	1	12	18.49	18.59	18.49	20.00
5	QPSK	1	24	18.49	18.49	18.60	20.00
5	QPSK	12	0	18.70	18.74	18.76	20.00
5	QPSK	12	7	18.50	18.62	18.55	20.00
5	QPSK	12	13	18.44	18.68	18.65	20.00
5	QPSK	25	0	18.42	18.66	18.60	20.00
5	16QAM	1	0	18.45	18.56	18.59	20.00
5	16QAM	1	12	18.48	18.66	18.64	20.00
5	16QAM	1	24	18.47	18.65	18.63	20.00
5	16QAM	12	0	18.52	18.56	18.62	20.00
5	16QAM	12	7	18.41	18.68	18.58	20.00
5	16QAM	12	13	18.56	18.66	18.50	20.00
5	16QAM	25	0	18.45	18.67	18.52	20.00
5	64QAM	1	0	18.47	18.63	18.64	20.00
5	64QAM	1	12	18.46	18.52	18.55	20.00
5	64QAM	1	24	18.38	18.59	18.47	20.00
5	64QAM	12	0	18.48	18.54	18.58	20.00
5	64QAM	12	7	18.47	18.56	18.58	20.00
5	64QAM	12	13	18.47	18.51	18.62	20.00
5	64QAM	25	0	18.49	18.66	18.60	20.00
5	256QAM	1	0	18.41	18.58	18.67	20.00
5	256QAM	1	12	18.40	18.65	18.62	20.00
5	256QAM	1	24	18.51	18.63	18.55	20.00
5	256QAM	12	0	18.55	18.55	18.54	20.00
5	256QAM	12	7	18.44	18.53	18.57	20.00
5	256QAM	12	13	18.38	18.61	18.48	20.00
5	256QAM	25	0	18.55	18.55	18.56	20.00

【LTE Band 7_Ant 3_ECI 5-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.59	18.76	18.73	20.00
20	QPSK	1	49	18.47	18.61	18.52	20.00
20	QPSK	1	99	18.45	18.53	18.47	20.00
20	QPSK	50	0	18.66	18.75	18.73	20.00
20	QPSK	50	24	18.40	18.62	18.55	20.00
20	QPSK	50	50	18.46	18.60	18.64	20.00
20	QPSK	100	0	18.43	18.58	18.54	20.00
20	16QAM	1	0	18.52	18.60	18.54	20.00
20	16QAM	1	49	18.47	18.61	18.57	20.00
20	16QAM	1	99	18.46	18.53	18.66	20.00
20	16QAM	50	0	18.49	18.55	18.51	20.00
20	16QAM	50	24	18.36	18.64	18.52	20.00
20	16QAM	50	50	18.49	18.66	18.59	20.00
20	16QAM	100	0	18.48	18.63	18.59	20.00
20	64QAM	1	0	18.45	18.57	18.55	20.00
20	64QAM	1	49	18.49	18.51	18.58	20.00
20	64QAM	1	99	18.47	18.54	18.48	20.00
20	64QAM	50	0	18.39	18.54	18.58	20.00
20	64QAM	50	24	18.55	18.59	18.65	20.00
20	64QAM	50	50	18.48	18.57	18.66	20.00
20	64QAM	100	0	18.46	18.59	18.53	20.00
20	256QAM	1	0	18.42	18.66	18.58	20.00
20	256QAM	1	49	18.43	18.68	18.65	20.00
20	256QAM	1	99	18.48	18.52	18.48	20.00
20	256QAM	50	0	18.46	18.59	18.53	20.00
20	256QAM	50	24	18.37	18.62	18.55	20.00
20	256QAM	50	50	18.44	18.61	18.56	20.00
20	256QAM	100	0	18.54	18.49	18.54	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.50	18.65	18.59	20.00
15	QPSK	1	37	18.42	18.50	18.50	20.00
15	QPSK	1	74	18.32	18.51	18.46	20.00
15	QPSK	36	0	18.63	18.63	18.60	20.00
15	QPSK	36	20	18.26	18.54	18.45	20.00
15	QPSK	36	39	18.39	18.47	18.53	20.00
15	QPSK	75	0	18.33	18.56	18.43	20.00
15	16QAM	1	0	18.39	18.46	18.44	20.00
15	16QAM	1	37	18.35	18.47	18.46	20.00
15	16QAM	1	74	18.34	18.40	18.60	20.00
15	16QAM	36	0	18.36	18.43	18.47	20.00
15	16QAM	36	20	18.31	18.61	18.50	20.00
15	16QAM	36	39	18.38	18.62	18.55	20.00
15	16QAM	75	0	18.35	18.61	18.46	20.00
15	64QAM	1	0	18.41	18.55	18.44	20.00
15	64QAM	1	37	18.36	18.47	18.52	20.00
15	64QAM	1	74	18.37	18.41	18.40	20.00
15	64QAM	36	0	18.37	18.43	18.53	20.00
15	64QAM	36	20	18.48	18.55	18.56	20.00
15	64QAM	36	39	18.44	18.56	18.62	20.00
15	64QAM	75	0	18.39	18.56	18.39	20.00
15	256QAM	1	0	18.29	18.58	18.55	20.00
15	256QAM	1	37	18.35	18.58	18.51	20.00
15	256QAM	1	74	18.37	18.48	18.43	20.00
15	256QAM	36	0	18.32	18.46	18.49	20.00
15	256QAM	36	20	18.29	18.49	18.54	20.00
15	256QAM	36	39	18.38	18.51	18.51	20.00
15	256QAM	75	0	18.44	18.34	18.52	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.55	18.64	18.63	20.00
10	QPSK	1	25	18.39	18.51	18.41	20.00
10	QPSK	1	49	18.34	18.47	18.35	20.00
10	QPSK	25	0	18.59	18.70	18.60	20.00
10	QPSK	25	12	18.37	18.59	18.52	20.00
10	QPSK	25	25	18.38	18.51	18.51	20.00
10	QPSK	50	0	18.39	18.47	18.47	20.00
10	16QAM	1	0	18.40	18.46	18.40	20.00
10	16QAM	1	25	18.41	18.52	18.43	20.00

10	16QAM	1	49	18.37	18.51	18.52	20.00
10	16QAM	25	0	18.36	18.43	18.47	20.00
10	16QAM	25	12	18.21	18.60	18.43	20.00
10	16QAM	25	25	18.44	18.63	18.57	20.00
10	16QAM	50	0	18.41	18.55	18.47	20.00
10	64QAM	1	0	18.40	18.53	18.47	20.00
10	64QAM	1	25	18.46	18.45	18.52	20.00
10	64QAM	1	49	18.40	18.40	18.42	20.00
10	64QAM	25	0	18.32	18.47	18.49	20.00
10	64QAM	25	12	18.48	18.52	18.52	20.00
10	64QAM	25	25	18.44	18.51	18.53	20.00
10	64QAM	50	0	18.39	18.48	18.40	20.00
10	256QAM	1	0	18.31	18.52	18.52	20.00
10	256QAM	1	25	18.35	18.60	18.59	20.00
10	256QAM	1	49	18.39	18.44	18.34	20.00
10	256QAM	25	0	18.42	18.48	18.50	20.00
10	256QAM	25	12	18.34	18.50	18.41	20.00
10	256QAM	25	25	18.43	18.56	18.44	20.00
10	256QAM	50	0	18.51	18.36	18.51	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.53	18.65	18.61	20.00
5	QPSK	1	12	18.43	18.52	18.40	20.00
5	QPSK	1	24	18.38	18.45	18.35	20.00
5	QPSK	12	0	18.54	18.62	18.66	20.00
5	QPSK	12	7	18.33	18.56	18.48	20.00
5	QPSK	12	13	18.41	18.58	18.55	20.00
5	QPSK	25	0	18.30	18.54	18.52	20.00
5	16QAM	1	0	18.41	18.52	18.52	20.00
5	16QAM	1	12	18.32	18.59	18.54	20.00
5	16QAM	1	24	18.40	18.47	18.65	20.00
5	16QAM	12	0	18.37	18.44	18.41	20.00
5	16QAM	12	7	18.30	18.56	18.45	20.00
5	16QAM	12	13	18.35	18.62	18.48	20.00
5	16QAM	25	0	18.36	18.51	18.46	20.00
5	64QAM	1	0	18.44	18.45	18.48	20.00
5	64QAM	1	12	18.36	18.44	18.44	20.00
5	64QAM	1	24	18.42	18.53	18.39	20.00
5	64QAM	12	0	18.35	18.40	18.50	20.00
5	64QAM	12	7	18.47	18.48	18.55	20.00
5	64QAM	12	13	18.42	18.50	18.61	20.00
5	64QAM	25	0	18.42	18.54	18.44	20.00
5	256QAM	1	0	18.37	18.52	18.52	20.00
5	256QAM	1	12	18.39	18.60	18.51	20.00
5	256QAM	1	24	18.33	18.42	18.33	20.00
5	256QAM	12	0	18.39	18.57	18.46	20.00
5	256QAM	12	7	18.28	18.50	18.48	20.00
5	256QAM	12	13	18.35	18.55	18.42	20.00
5	256QAM	25	0	18.52	18.38	18.47	20.00

【LTE Band 7_Ant 4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.07	24.18	24.05	25.70
20	QPSK	1	49	23.94	24.11	23.97	25.70
20	QPSK	1	99	23.82	24.02	23.98	25.70
20	QPSK	50	0	23.16	23.16	23.12	24.70
20	QPSK	50	24	22.92	23.05	23.08	24.70
20	QPSK	50	50	22.96	23.14	23.07	24.70
20	QPSK	100	0	23.09	23.19	23.02	24.70
20	16QAM	1	0	22.99	23.12	23.03	24.70
20	16QAM	1	49	23.00	23.14	22.97	24.70
20	16QAM	1	99	23.02	23.14	23.05	24.70
20	16QAM	50	0	22.08	22.30	22.18	23.70
20	16QAM	50	24	22.14	22.23	22.15	23.70
20	16QAM	50	50	22.14	22.18	22.08	23.70
20	16QAM	100	0	22.05	22.25	22.25	23.70
20	64QAM	1	0	21.98	22.22	22.09	23.70
20	64QAM	1	49	22.17	22.26	22.26	23.70
20	64QAM	1	99	22.09	22.28	22.16	23.70

20	64QAM	50	0	21.03	21.23	21.14	22.70
20	64QAM	50	24	20.93	21.24	21.08	22.70
20	64QAM	50	50	20.97	21.14	21.09	22.70
20	64QAM	100	0	21.11	21.13	21.10	22.70
20	256QAM	1	0	18.99	19.14	19.00	20.70
20	256QAM	1	49	18.98	19.06	18.95	20.70
20	256QAM	1	99	19.03	19.09	18.99	20.70
20	256QAM	50	0	18.94	19.17	19.04	20.70
20	256QAM	50	24	18.98	19.19	19.07	20.70
20	256QAM	50	50	19.00	19.09	18.96	20.70
20	256QAM	100	0	19.05	19.13	19.07	20.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	24.06	24.17	23.93	25.70
15	QPSK	1	37	23.81	24.04	23.88	25.70
15	QPSK	1	74	23.79	23.96	23.94	25.70
15	QPSK	36	0	23.04	23.11	23.07	24.70
15	QPSK	36	20	22.89	22.91	22.95	24.70
15	QPSK	36	39	22.94	23.02	22.99	24.70
15	QPSK	75	0	23.02	23.07	22.94	24.70
15	16QAM	1	0	22.90	23.09	23.02	24.70
15	16QAM	1	37	22.92	23.02	22.85	24.70
15	16QAM	1	74	22.88	23.06	23.00	24.70
15	16QAM	36	0	22.02	22.22	22.14	23.70
15	16QAM	36	20	22.09	22.09	22.05	23.70
15	16QAM	36	39	22.00	22.12	22.06	23.70
15	16QAM	75	0	22.03	22.14	22.21	23.70
15	64QAM	1	0	21.88	22.09	21.96	23.70
15	64QAM	1	37	22.03	22.17	22.21	23.70
15	64QAM	1	74	21.96	22.24	22.11	23.70
15	64QAM	36	0	20.89	21.15	21.08	22.70
15	64QAM	36	20	20.90	21.23	20.99	22.70
15	64QAM	36	39	20.83	21.07	21.07	22.70
15	64QAM	75	0	21.09	21.09	21.08	22.70
15	256QAM	1	0	18.89	19.02	18.97	20.70
15	256QAM	1	37	18.91	18.98	18.91	20.70
15	256QAM	1	74	18.98	19.08	18.96	20.70
15	256QAM	36	0	18.91	19.16	18.93	20.70
15	256QAM	36	20	18.96	19.09	19.00	20.70
15	256QAM	36	39	18.98	19.02	18.81	20.70
15	256QAM	75	0	18.93	19.11	18.98	20.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.06	24.06	23.91	25.70
10	QPSK	1	25	23.88	24.05	23.86	25.70
10	QPSK	1	49	23.70	23.87	23.93	25.70
10	QPSK	25	0	23.15	23.03	23.07	24.70
10	QPSK	25	12	22.90	22.99	23.06	24.70
10	QPSK	25	25	22.84	23.05	22.94	24.70
10	QPSK	50	0	23.03	23.09	23.00	24.70
10	16QAM	1	0	22.92	22.99	22.97	24.70
10	16QAM	1	25	22.98	23.10	22.85	24.70
10	16QAM	1	49	22.94	23.05	22.93	24.70
10	16QAM	25	0	22.01	22.16	22.11	23.70
10	16QAM	25	12	22.04	22.12	22.06	23.70
10	16QAM	25	25	22.08	22.07	22.02	23.70
10	16QAM	50	0	22.02	22.17	22.15	23.70
10	64QAM	1	0	21.90	22.15	22.04	23.70
10	64QAM	1	25	22.04	22.20	22.16	23.70
10	64QAM	1	49	21.95	22.23	22.13	23.70
10	64QAM	25	0	20.95	21.18	21.05	22.70
10	64QAM	25	12	20.91	21.21	21.00	22.70
10	64QAM	25	25	20.84	21.10	20.97	22.70
10	64QAM	50	0	21.06	21.06	21.00	22.70
10	256QAM	1	0	18.90	19.11	18.95	20.70
10	256QAM	1	25	18.86	19.00	18.87	20.70
10	256QAM	1	49	18.93	18.98	18.97	20.70
10	256QAM	25	0	18.81	19.09	18.97	20.70
10	256QAM	25	12	18.92	19.11	18.99	20.70
10	256QAM	25	25	18.91	19.02	18.94	20.70
10	256QAM	50	0	18.96	19.08	19.00	20.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.97	24.17	23.95	25.70
5	QPSK	1	12	23.91	24.01	23.87	25.70
5	QPSK	1	24	23.68	24.00	23.85	25.70
5	QPSK	12	0	23.09	23.08	23.03	24.70
5	QPSK	12	7	22.82	22.95	22.97	24.70

5	QPSK	12	13	22.94	23.01	22.97	24.70
5	QPSK	25	0	22.95	23.14	22.96	24.70
5	16QAM	1	0	22.96	23.05	22.98	24.70
5	16QAM	1	12	22.85	23.06	22.83	24.70
5	16QAM	1	24	22.87	22.99	22.99	24.70
5	16QAM	12	0	21.95	22.24	22.15	23.70
5	16QAM	12	7	22.02	22.16	22.11	23.70
5	16QAM	12	13	22.09	22.04	21.94	23.70
5	16QAM	25	0	21.91	22.13	22.22	23.70
5	64QAM	1	0	21.90	22.12	22.00	23.70
5	64QAM	1	12	22.04	22.16	22.21	23.70
5	64QAM	1	24	21.96	22.25	22.08	23.70
5	64QAM	12	0	21.02	21.18	20.99	22.70
5	64QAM	12	7	20.90	21.15	20.94	22.70
5	64QAM	12	13	20.91	21.07	20.94	22.70
5	64QAM	25	0	20.97	21.00	20.95	22.70
5	256QAM	1	0	18.85	19.11	18.94	20.70
5	256QAM	1	12	18.86	18.96	18.83	20.70
5	256QAM	1	24	18.91	19.07	18.88	20.70
5	256QAM	12	0	18.84	19.15	18.95	20.70
5	256QAM	12	7	18.91	19.17	19.00	20.70
5	256QAM	12	13	18.90	18.95	18.85	20.70
5	256QAM	25	0	18.92	19.05	18.99	20.70

【LTE Band 7_Ant 4_Default-1】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	24.09
20	QPSK	1	49	24.00
20	QPSK	1	99	23.94
20	QPSK	50	0	23.14
20	QPSK	50	24	23.13
20	QPSK	50	50	23.07
20	QPSK	100	0	23.08
20	16QAM	1	0	23.10
20	16QAM	1	49	23.09
20	16QAM	1	99	23.01
20	16QAM	50	0	22.11
20	16QAM	50	24	22.08
20	16QAM	50	50	22.01
20	16QAM	100	0	22.07
20	64QAM	1	0	22.11
20	64QAM	1	49	22.14
20	64QAM	1	99	22.15
20	64QAM	50	0	21.06
20	64QAM	50	24	21.01
20	64QAM	50	50	21.08
20	64QAM	100	0	21.02
20	256QAM	1	0	19.09
20	256QAM	1	49	19.13
20	256QAM	1	99	19.09
20	256QAM	50	0	19.12
20	256QAM	50	24	19.08
20	256QAM	50	50	19.08
20	256QAM	100	0	19.04
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	
15	QPSK	1	0	24.01
15	QPSK	1	37	23.94
15	QPSK	1	74	23.86
15	QPSK	36	0	23.00
15	QPSK	36	20	23.00
15	QPSK	36	39	22.93
15	QPSK	75	0	22.93
15	16QAM	1	0	23.04
15	16QAM	1	37	22.95
15	16QAM	1	74	22.88
15	16QAM	36	0	21.99
15	16QAM	36	20	21.96
15	16QAM	36	39	21.89

15	16QAM	75	0	22.03	22.03	21.99	23.00
15	64QAM	1	0	22.06	21.94	21.99	23.00
15	64QAM	1	37	22.02	21.97	22.07	23.00
15	64QAM	1	74	22.04	22.06	21.94	23.00
15	64QAM	36	0	21.01	20.92	20.93	22.00
15	64QAM	36	20	20.94	21.09	21.02	22.00
15	64QAM	36	39	21.01	21.08	21.16	22.00
15	64QAM	75	0	20.94	21.03	21.07	22.00
15	256QAM	1	0	19.02	19.11	18.95	20.00
15	256QAM	1	37	19.11	18.98	18.98	20.00
15	256QAM	1	74	19.02	19.11	19.07	20.00
15	256QAM	36	0	19.00	18.98	18.99	20.00
15	256QAM	36	20	18.96	19.00	19.03	20.00
15	256QAM	36	39	19.01	18.93	18.99	20.00
15	256QAM	75	0	19.00	19.09	18.97	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.98	24.09	24.03	25.00
10	QPSK	1	25	23.90	23.90	23.93	25.00
10	QPSK	1	49	23.84	23.91	23.92	25.00
10	QPSK	25	0	23.06	23.05	23.04	24.00
10	QPSK	25	12	23.02	23.03	23.05	24.00
10	QPSK	25	25	22.97	23.07	23.04	24.00
10	QPSK	50	0	22.95	23.12	22.99	24.00
10	16QAM	1	0	23.05	22.94	22.96	24.00
10	16QAM	1	25	23.01	23.02	22.98	24.00
10	16QAM	1	49	22.91	23.09	23.03	24.00
10	16QAM	25	0	22.01	22.06	22.00	23.00
10	16QAM	25	12	22.05	22.09	22.12	23.00
10	16QAM	25	25	21.91	21.92	22.02	23.00
10	16QAM	50	0	21.95	22.13	21.96	23.00
10	64QAM	1	0	22.01	22.00	22.06	23.00
10	64QAM	1	25	22.02	21.95	22.02	23.00
10	64QAM	1	49	22.14	22.04	21.99	23.00
10	64QAM	25	0	21.01	20.95	21.00	22.00
10	64QAM	25	12	20.88	21.11	21.02	22.00
10	64QAM	25	25	20.94	21.04	21.09	22.00
10	64QAM	50	0	20.91	21.03	21.02	22.00
10	256QAM	1	0	19.04	19.15	18.93	20.00
10	256QAM	1	25	19.00	19.05	19.00	20.00
10	256QAM	1	49	19.04	19.16	19.00	20.00
10	256QAM	25	0	19.02	18.94	18.97	20.00
10	256QAM	25	12	19.03	19.05	19.13	20.00
10	256QAM	25	25	19.05	18.89	18.93	20.00
10	256QAM	50	0	18.92	19.06	19.03	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.99	24.03	24.03	25.00
5	QPSK	1	12	23.90	23.88	23.86	25.00
5	QPSK	1	24	23.90	23.97	23.81	25.00
5	QPSK	12	0	23.12	23.14	23.07	24.00
5	QPSK	12	7	23.10	22.97	23.04	24.00
5	QPSK	12	13	23.03	22.95	23.06	24.00
5	QPSK	25	0	22.99	23.06	23.03	24.00
5	16QAM	1	0	23.00	23.04	23.04	24.00
5	16QAM	1	12	22.97	23.12	23.00	24.00
5	16QAM	1	24	22.92	23.11	23.01	24.00
5	16QAM	12	0	21.98	22.13	21.99	23.00
5	16QAM	12	7	22.02	22.05	22.02	23.00
5	16QAM	12	13	21.92	22.00	21.97	23.00
5	16QAM	25	0	22.05	22.15	21.94	23.00
5	64QAM	1	0	22.05	22.04	22.00	23.00
5	64QAM	1	12	22.13	21.99	22.08	23.00
5	64QAM	1	24	22.05	22.03	21.99	23.00
5	64QAM	12	0	20.92	21.00	21.01	22.00
5	64QAM	12	7	20.92	21.00	20.99	22.00
5	64QAM	12	13	21.05	20.98	21.02	22.00
5	64QAM	25	0	20.96	21.08	21.03	22.00
5	256QAM	1	0	19.00	19.07	19.06	20.00
5	256QAM	1	12	19.07	19.02	18.96	20.00
5	256QAM	1	24	18.96	19.12	18.99	20.00
5	256QAM	12	0	18.98	18.98	18.99	20.00
5	256QAM	12	7	19.00	19.00	19.05	20.00
5	256QAM	12	13	18.98	18.96	19.05	20.00
5	256QAM	25	0	18.92	19.05	18.99	20.00

【LTE Band 7_Ant 4_ECI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.85	17.99	17.98	19.20
20	QPSK	1	49	17.75	17.87	17.86	19.20
20	QPSK	1	99	17.76	17.83	17.79	19.20
20	QPSK	50	0	17.94	17.95	17.94	19.20
20	QPSK	50	24	17.71	17.86	17.85	19.20
20	QPSK	50	50	17.71	17.85	17.81	19.20
20	QPSK	100	0	17.71	17.87	17.85	19.20
20	16QAM	1	0	17.69	17.80	17.80	19.20
20	16QAM	1	49	17.74	17.81	17.90	19.20
20	16QAM	1	99	17.75	17.81	17.85	19.20
20	16QAM	50	0	17.68	17.85	17.83	19.20
20	16QAM	50	24	17.73	17.84	17.88	19.20
20	16QAM	50	50	17.74	17.90	17.84	19.20
20	16QAM	100	0	17.66	17.84	17.78	19.20
20	64QAM	1	0	17.75	17.89	17.80	19.20
20	64QAM	1	49	17.71	17.87	17.90	19.20
20	64QAM	1	99	17.72	17.86	17.86	19.20
20	64QAM	50	0	17.68	17.82	17.81	19.20
20	64QAM	50	24	17.66	17.84	17.88	19.20
20	64QAM	50	50	17.72	17.80	17.90	19.20
20	64QAM	100	0	17.65	17.88	17.85	19.20
20	256QAM	1	0	17.75	17.88	17.79	19.20
20	256QAM	1	49	17.74	17.90	17.85	19.20
20	256QAM	1	99	17.73	17.83	17.81	19.20
20	256QAM	50	0	17.66	17.83	17.81	19.20
20	256QAM	50	24	17.66	17.89	17.88	19.20
20	256QAM	50	50	17.65	17.85	17.78	19.20
20	256QAM	100	0	17.73	17.80	17.83	19.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.84	17.91	17.94	19.20
15	QPSK	1	37	17.71	17.74	17.82	19.20
15	QPSK	1	74	17.67	17.69	17.71	19.20
15	QPSK	36	0	17.85	17.91	17.80	19.20
15	QPSK	36	20	17.60	17.84	17.77	19.20
15	QPSK	36	39	17.58	17.70	17.70	19.20
15	QPSK	75	0	17.67	17.84	17.82	19.20
15	16QAM	1	0	17.67	17.78	17.74	19.20
15	16QAM	1	37	17.65	17.76	17.85	19.20
15	16QAM	1	74	17.68	17.70	17.72	19.20
15	16QAM	36	0	17.56	17.81	17.76	19.20
15	16QAM	36	20	17.63	17.78	17.77	19.20
15	16QAM	36	39	17.63	17.78	17.71	19.20
15	16QAM	75	0	17.55	17.82	17.67	19.20
15	64QAM	1	0	17.72	17.77	17.76	19.20
15	64QAM	1	37	17.66	17.85	17.81	19.20
15	64QAM	1	74	17.58	17.82	17.74	19.20
15	64QAM	36	0	17.64	17.73	17.70	19.20
15	64QAM	36	20	17.54	17.78	17.86	19.20
15	64QAM	36	39	17.60	17.65	17.81	19.20
15	64QAM	75	0	17.56	17.82	17.73	19.20
15	256QAM	1	0	17.69	17.84	17.71	19.20
15	256QAM	1	37	17.63	17.88	17.79	19.20
15	256QAM	1	74	17.67	17.81	17.68	19.20
15	256QAM	36	0	17.63	17.80	17.76	19.20
15	256QAM	36	20	17.57	17.84	17.76	19.20
15	256QAM	36	39	17.56	17.80	17.72	19.20
15	256QAM	75	0	17.63	17.70	17.71	19.20
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.83	17.97	17.85	19.20
10	QPSK	1	25	17.66	17.73	17.83	19.20
10	QPSK	1	49	17.69	17.73	17.69	19.20
10	QPSK	25	0	17.86	17.89	17.91	19.20
10	QPSK	25	12	17.65	17.76	17.81	19.20
10	QPSK	25	25	17.61	17.81	17.71	19.20
10	QPSK	50	0	17.57	17.77	17.83	19.20
10	16QAM	1	0	17.57	17.78	17.67	19.20
10	16QAM	1	25	17.70	17.78	17.78	19.20

10	16QAM	1	49	17.66	17.67	17.73	19.20
10	16QAM	25	0	17.57	17.76	17.82	19.20
10	16QAM	25	12	17.61	17.69	17.73	19.20
10	16QAM	25	25	17.60	17.85	17.80	19.20
10	16QAM	50	0	17.58	17.83	17.75	19.20
10	64QAM	1	0	17.63	17.80	17.73	19.20
10	64QAM	1	25	17.58	17.74	17.80	19.20
10	64QAM	1	49	17.61	17.79	17.77	19.20
10	64QAM	25	0	17.54	17.68	17.77	19.20
10	64QAM	25	12	17.58	17.82	17.78	19.20
10	64QAM	25	25	17.63	17.68	17.86	19.20
10	64QAM	50	0	17.51	17.79	17.82	19.20
10	256QAM	1	0	17.72	17.81	17.66	19.20
10	256QAM	1	25	17.63	17.78	17.75	19.20
10	256QAM	1	49	17.71	17.68	17.71	19.20
10	256QAM	25	0	17.59	17.77	17.71	19.20
10	256QAM	25	12	17.51	17.75	17.84	19.20
10	256QAM	25	25	17.60	17.76	17.68	19.20
10	256QAM	50	0	17.66	17.69	17.71	19.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.81	17.86	17.95	19.20
5	QPSK	1	12	17.66	17.83	17.73	19.20
5	QPSK	1	24	17.67	17.73	17.74	19.20
5	QPSK	12	0	17.86	17.85	17.90	19.20
5	QPSK	12	7	17.64	17.77	17.76	19.20
5	QPSK	12	13	17.70	17.75	17.67	19.20
5	QPSK	25	0	17.68	17.78	17.77	19.20
5	16QAM	1	0	17.56	17.71	17.67	19.20
5	16QAM	1	12	17.67	17.74	17.89	19.20
5	16QAM	1	24	17.71	17.72	17.71	19.20
5	16QAM	12	0	17.67	17.76	17.73	19.20
5	16QAM	12	7	17.67	17.81	17.80	19.20
5	16QAM	12	13	17.70	17.77	17.81	19.20
5	16QAM	25	0	17.53	17.76	17.73	19.20
5	64QAM	1	0	17.70	17.85	17.68	19.20
5	64QAM	1	12	17.58	17.77	17.81	19.20
5	64QAM	1	24	17.70	17.74	17.73	19.20
5	64QAM	12	0	17.58	17.75	17.78	19.20
5	64QAM	12	7	17.53	17.79	17.74	19.20
5	64QAM	12	13	17.69	17.74	17.86	19.20
5	64QAM	25	0	17.59	17.76	17.73	19.20
5	256QAM	1	0	17.66	17.77	17.77	19.20
5	256QAM	1	12	17.71	17.84	17.73	19.20
5	256QAM	1	24	17.65	17.68	17.70	19.20
5	256QAM	12	0	17.54	17.79	17.80	19.20
5	256QAM	12	7	17.58	17.75	17.80	19.20
5	256QAM	12	13	17.57	17.75	17.73	19.20
5	256QAM	25	0	17.65	17.68	17.75	19.20

【LTE Band 7_Ant 4_ECI 1-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.91	17.94	17.88	18.70
20	QPSK	1	49	17.62	17.78	17.71	18.70
20	QPSK	1	99	17.68	17.77	17.72	18.70
20	QPSK	50	0	17.89	17.93	17.91	18.70
20	QPSK	50	24	17.59	17.79	17.75	18.70
20	QPSK	50	50	17.60	17.79	17.75	18.70
20	QPSK	100	0	17.65	17.80	17.80	18.70
20	16QAM	1	0	17.65	17.70	17.65	18.70
20	16QAM	1	49	17.67	17.77	17.79	18.70
20	16QAM	1	99	17.71	17.75	17.74	18.70
20	16QAM	50	0	17.58	17.70	17.77	18.70
20	16QAM	50	24	17.65	17.74	17.79	18.70
20	16QAM	50	50	17.64	17.80	17.71	18.70
20	16QAM	100	0	17.52	17.71	17.69	18.70
20	64QAM	1	0	17.69	17.84	17.71	18.70
20	64QAM	1	49	17.56	17.79	17.78	18.70
20	64QAM	1	99	17.69	17.75	17.77	18.70

20	64QAM	50	0	17.56	17.75	17.71	18.70
20	64QAM	50	24	17.52	17.70	17.76	18.70
20	64QAM	50	50	17.68	17.66	17.77	18.70
20	64QAM	100	0	17.62	17.76	17.79	18.70
20	256QAM	1	0	17.65	17.83	17.75	18.70
20	256QAM	1	49	17.63	17.78	17.76	18.70
20	256QAM	1	99	17.58	17.74	17.76	18.70
20	256QAM	50	0	17.57	17.75	17.67	18.70
20	256QAM	50	24	17.58	17.86	17.78	18.70
20	256QAM	50	50	17.55	17.82	17.68	18.70
20	256QAM	100	0	17.58	17.73	17.71	18.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	17.85	17.88	17.85	18.70
15	QPSK	1	37	17.47	17.67	17.56	18.70
15	QPSK	1	74	17.60	17.63	17.70	18.70
15	QPSK	36	0	17.81	17.90	17.83	18.70
15	QPSK	36	20	17.52	17.68	17.68	18.70
15	QPSK	36	39	17.57	17.73	17.71	18.70
15	QPSK	75	0	17.60	17.67	17.76	18.70
15	16QAM	1	0	17.61	17.67	17.61	18.70
15	16QAM	1	37	17.62	17.72	17.70	18.70
15	16QAM	1	74	17.66	17.65	17.68	18.70
15	16QAM	36	0	17.49	17.69	17.66	18.70
15	16QAM	36	20	17.51	17.65	17.68	18.70
15	16QAM	36	39	17.52	17.73	17.67	18.70
15	16QAM	75	0	17.39	17.59	17.60	18.70
15	64QAM	1	0	17.58	17.75	17.64	18.70
15	64QAM	1	37	17.53	17.74	17.75	18.70
15	64QAM	1	74	17.54	17.73	17.70	18.70
15	64QAM	36	0	17.52	17.65	17.62	18.70
15	64QAM	36	20	17.43	17.59	17.70	18.70
15	64QAM	36	39	17.59	17.55	17.76	18.70
15	64QAM	75	0	17.58	17.67	17.65	18.70
15	256QAM	1	0	17.54	17.77	17.64	18.70
15	256QAM	1	37	17.55	17.64	17.74	18.70
15	256QAM	1	74	17.45	17.71	17.67	18.70
15	256QAM	36	0	17.50	17.62	17.63	18.70
15	256QAM	36	20	17.49	17.78	17.67	18.70
15	256QAM	36	39	17.50	17.73	17.64	18.70
15	256QAM	75	0	17.45	17.64	17.67	18.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	17.88	17.91	17.85	18.70
10	QPSK	1	25	17.60	17.74	17.70	18.70
10	QPSK	1	49	17.54	17.73	17.58	18.70
10	QPSK	25	0	17.84	17.86	17.87	18.70
10	QPSK	25	12	17.57	17.64	17.61	18.70
10	QPSK	25	25	17.46	17.75	17.65	18.70
10	QPSK	50	0	17.54	17.70	17.79	18.70
10	16QAM	1	0	17.58	17.60	17.59	18.70
10	16QAM	1	25	17.55	17.63	17.68	18.70
10	16QAM	1	49	17.67	17.68	17.62	18.70
10	16QAM	25	0	17.51	17.58	17.66	18.70
10	16QAM	25	12	17.57	17.61	17.67	18.70
10	16QAM	25	25	17.58	17.76	17.58	18.70
10	16QAM	50	0	17.43	17.59	17.62	18.70
10	64QAM	1	0	17.60	17.71	17.62	18.70
10	64QAM	1	25	17.44	17.69	17.72	18.70
10	64QAM	1	49	17.68	17.64	17.63	18.70
10	64QAM	25	0	17.42	17.65	17.62	18.70
10	64QAM	25	12	17.47	17.62	17.66	18.70
10	64QAM	25	25	17.65	17.56	17.66	18.70
10	64QAM	50	0	17.51	17.62	17.73	18.70
10	256QAM	1	0	17.52	17.79	17.71	18.70
10	256QAM	1	25	17.48	17.70	17.68	18.70
10	256QAM	1	49	17.46	17.67	17.74	18.70
10	256QAM	25	0	17.51	17.73	17.62	18.70
10	256QAM	25	12	17.56	17.79	17.63	18.70
10	256QAM	25	25	17.40	17.77	17.64	18.70
10	256QAM	50	0	17.50	17.62	17.58	18.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.77	17.84	17.82	18.70
5	QPSK	1	12	17.55	17.75	17.68	18.70
5	QPSK	1	24	17.63	17.74	17.59	18.70
5	QPSK	12	0	17.87	17.78	17.89	18.70
5	QPSK	12	7	17.54	17.77	17.67	18.70

5	QPSK	12	13	17.47	17.67	17.62	18.70
5	QPSK	25	0	17.58	17.65	17.74	18.70
5	16QAM	1	0	17.53	17.68	17.61	18.70
5	16QAM	1	12	17.60	17.74	17.68	18.70
5	16QAM	1	24	17.63	17.66	17.64	18.70
5	16QAM	12	0	17.49	17.63	17.68	18.70
5	16QAM	12	7	17.62	17.65	17.64	18.70
5	16QAM	12	13	17.52	17.72	17.57	18.70
5	16QAM	25	0	17.47	17.58	17.55	18.70
5	64QAM	1	0	17.62	17.80	17.57	18.70
5	64QAM	1	12	17.54	17.69	17.69	18.70
5	64QAM	1	24	17.55	17.64	17.73	18.70
5	64QAM	12	0	17.49	17.72	17.59	18.70
5	64QAM	12	7	17.39	17.60	17.68	18.70
5	64QAM	12	13	17.65	17.58	17.64	18.70
5	64QAM	25	0	17.59	17.65	17.68	18.70
5	256QAM	1	0	17.52	17.78	17.67	18.70
5	256QAM	1	12	17.49	17.68	17.68	18.70
5	256QAM	1	24	17.48	17.59	17.62	18.70
5	256QAM	12	0	17.47	17.63	17.58	18.70
5	256QAM	12	7	17.48	17.73	17.68	18.70
5	256QAM	12	13	17.47	17.80	17.65	18.70
5	256QAM	25	0	17.48	17.71	17.66	18.70

【LTE Band 7_Ant 4_ECI 3】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20850	21100	21350		
Frequency (MHz)	2510	2535	2560	
20	QPSK	1	0	17.85
20	QPSK	1	49	17.75
20	QPSK	1	99	17.76
20	QPSK	50	0	17.94
20	QPSK	50	24	17.71
20	QPSK	50	50	17.71
20	QPSK	100	0	17.71
20	16QAM	1	0	17.69
20	16QAM	1	49	17.74
20	16QAM	1	99	17.75
20	16QAM	50	0	17.68
20	16QAM	50	24	17.73
20	16QAM	50	50	17.74
20	16QAM	100	0	17.66
20	64QAM	1	0	17.75
20	64QAM	1	49	17.71
20	64QAM	1	99	17.72
20	64QAM	50	0	17.68
20	64QAM	50	24	17.66
20	64QAM	50	50	17.72
20	64QAM	100	0	17.65
20	256QAM	1	0	17.75
20	256QAM	1	49	17.74
20	256QAM	1	99	17.73
20	256QAM	50	0	17.66
20	256QAM	50	24	17.66
20	256QAM	50	50	17.65
20	256QAM	100	0	17.73
Channel	20825	21100	21375	Tune-up limit
Frequency (MHz)	2507.5	2535	2562.5	
15	QPSK	1	0	17.84
15	QPSK	1	37	17.71
15	QPSK	1	74	17.67
15	QPSK	36	0	17.85
15	QPSK	36	20	17.60
15	QPSK	36	39	17.58
15	QPSK	75	0	17.67
15	16QAM	1	0	17.67
15	16QAM	1	37	17.65
15	16QAM	1	74	17.68
15	16QAM	36	0	17.56
15	16QAM	36	20	17.63
15	16QAM	36	39	17.63

15	16QAM	75	0	17.55	17.82	17.67	19.20
15	64QAM	1	0	17.72	17.77	17.76	19.20
15	64QAM	1	37	17.66	17.85	17.81	19.20
15	64QAM	1	74	17.58	17.82	17.74	19.20
15	64QAM	36	0	17.64	17.73	17.70	19.20
15	64QAM	36	20	17.54	17.78	17.86	19.20
15	64QAM	36	39	17.60	17.65	17.81	19.20
15	64QAM	75	0	17.56	17.82	17.73	19.20
15	256QAM	1	0	17.69	17.84	17.71	19.20
15	256QAM	1	37	17.63	17.88	17.79	19.20
15	256QAM	1	74	17.67	17.81	17.68	19.20
15	256QAM	36	0	17.63	17.80	17.76	19.20
15	256QAM	36	20	17.57	17.84	17.76	19.20
15	256QAM	36	39	17.56	17.80	17.72	19.20
15	256QAM	75	0	17.63	17.70	17.71	19.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	17.83	17.97	17.85	19.20
10	QPSK	1	25	17.66	17.73	17.83	19.20
10	QPSK	1	49	17.69	17.73	17.69	19.20
10	QPSK	25	0	17.86	17.89	17.91	19.20
10	QPSK	25	12	17.65	17.76	17.81	19.20
10	QPSK	25	25	17.61	17.81	17.71	19.20
10	QPSK	50	0	17.57	17.77	17.83	19.20
10	16QAM	1	0	17.57	17.78	17.67	19.20
10	16QAM	1	25	17.70	17.78	17.78	19.20
10	16QAM	1	49	17.66	17.67	17.73	19.20
10	16QAM	25	0	17.57	17.76	17.82	19.20
10	16QAM	25	12	17.61	17.69	17.73	19.20
10	16QAM	25	25	17.60	17.85	17.80	19.20
10	16QAM	50	0	17.58	17.83	17.75	19.20
10	64QAM	1	0	17.63	17.80	17.73	19.20
10	64QAM	1	25	17.58	17.74	17.80	19.20
10	64QAM	1	49	17.61	17.79	17.77	19.20
10	64QAM	25	0	17.54	17.68	17.77	19.20
10	64QAM	25	12	17.58	17.82	17.78	19.20
10	64QAM	25	25	17.63	17.68	17.86	19.20
10	64QAM	50	0	17.51	17.79	17.82	19.20
10	256QAM	1	0	17.72	17.81	17.66	19.20
10	256QAM	1	25	17.63	17.78	17.75	19.20
10	256QAM	1	49	17.71	17.68	17.71	19.20
10	256QAM	25	0	17.59	17.77	17.71	19.20
10	256QAM	25	12	17.51	17.75	17.84	19.20
10	256QAM	25	25	17.60	17.76	17.68	19.20
10	256QAM	50	0	17.66	17.69	17.71	19.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.81	17.86	17.95	19.20
5	QPSK	1	12	17.66	17.83	17.73	19.20
5	QPSK	1	24	17.67	17.73	17.74	19.20
5	QPSK	12	0	17.86	17.85	17.90	19.20
5	QPSK	12	7	17.64	17.77	17.76	19.20
5	QPSK	12	13	17.70	17.75	17.67	19.20
5	QPSK	25	0	17.68	17.78	17.77	19.20
5	16QAM	1	0	17.56	17.71	17.67	19.20
5	16QAM	1	12	17.67	17.74	17.89	19.20
5	16QAM	1	24	17.71	17.72	17.71	19.20
5	16QAM	12	0	17.67	17.76	17.73	19.20
5	16QAM	12	7	17.67	17.81	17.80	19.20
5	16QAM	12	13	17.70	17.77	17.81	19.20
5	16QAM	25	0	17.53	17.76	17.73	19.20
5	64QAM	1	0	17.70	17.85	17.68	19.20
5	64QAM	1	12	17.58	17.77	17.81	19.20
5	64QAM	1	24	17.70	17.74	17.73	19.20
5	64QAM	12	0	17.58	17.75	17.78	19.20
5	64QAM	12	7	17.53	17.79	17.74	19.20
5	64QAM	12	13	17.69	17.74	17.86	19.20
5	64QAM	25	0	17.59	17.76	17.73	19.20
5	256QAM	1	0	17.66	17.77	17.77	19.20
5	256QAM	1	12	17.71	17.84	17.73	19.20
5	256QAM	1	24	17.65	17.68	17.70	19.20
5	256QAM	12	0	17.54	17.79	17.80	19.20
5	256QAM	12	7	17.58	17.75	17.80	19.20
5	256QAM	12	13	17.57	17.75	17.73	19.20
5	256QAM	25	0	17.65	17.68	17.75	19.20

【LTE Band 7_Ant 4_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.91	17.94	17.88	18.70
20	QPSK	1	49	17.62	17.78	17.71	18.70
20	QPSK	1	99	17.68	17.77	17.72	18.70
20	QPSK	50	0	17.89	17.93	17.91	18.70
20	QPSK	50	24	17.59	17.79	17.75	18.70
20	QPSK	50	50	17.60	17.79	17.75	18.70
20	QPSK	100	0	17.65	17.80	17.80	18.70
20	16QAM	1	0	17.65	17.70	17.65	18.70
20	16QAM	1	49	17.67	17.77	17.79	18.70
20	16QAM	1	99	17.71	17.75	17.74	18.70
20	16QAM	50	0	17.58	17.70	17.77	18.70
20	16QAM	50	24	17.65	17.74	17.79	18.70
20	16QAM	50	50	17.64	17.80	17.71	18.70
20	16QAM	100	0	17.52	17.71	17.69	18.70
20	64QAM	1	0	17.69	17.84	17.71	18.70
20	64QAM	1	49	17.56	17.79	17.78	18.70
20	64QAM	1	99	17.69	17.75	17.77	18.70
20	64QAM	50	0	17.56	17.75	17.71	18.70
20	64QAM	50	24	17.52	17.70	17.76	18.70
20	64QAM	50	50	17.68	17.66	17.77	18.70
20	64QAM	100	0	17.62	17.76	17.79	18.70
20	256QAM	1	0	17.65	17.83	17.75	18.70
20	256QAM	1	49	17.63	17.78	17.76	18.70
20	256QAM	1	99	17.58	17.74	17.76	18.70
20	256QAM	50	0	17.57	17.75	17.67	18.70
20	256QAM	50	24	17.58	17.86	17.78	18.70
20	256QAM	50	50	17.55	17.82	17.68	18.70
20	256QAM	100	0	17.58	17.73	17.71	18.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.85	17.88	17.85	18.70
15	QPSK	1	37	17.47	17.67	17.56	18.70
15	QPSK	1	74	17.60	17.63	17.70	18.70
15	QPSK	36	0	17.81	17.90	17.83	18.70
15	QPSK	36	20	17.52	17.68	17.68	18.70
15	QPSK	36	39	17.57	17.73	17.71	18.70
15	QPSK	75	0	17.60	17.67	17.76	18.70
15	16QAM	1	0	17.61	17.67	17.61	18.70
15	16QAM	1	37	17.62	17.72	17.70	18.70
15	16QAM	1	74	17.66	17.65	17.68	18.70
15	16QAM	36	0	17.49	17.69	17.66	18.70
15	16QAM	36	20	17.51	17.65	17.68	18.70
15	16QAM	36	39	17.52	17.73	17.67	18.70
15	16QAM	75	0	17.39	17.59	17.60	18.70
15	64QAM	1	0	17.58	17.75	17.64	18.70
15	64QAM	1	37	17.53	17.74	17.75	18.70
15	64QAM	1	74	17.54	17.73	17.70	18.70
15	64QAM	36	0	17.52	17.65	17.62	18.70
15	64QAM	36	20	17.43	17.59	17.70	18.70
15	64QAM	36	39	17.59	17.55	17.76	18.70
15	64QAM	75	0	17.58	17.67	17.65	18.70
15	256QAM	1	0	17.54	17.77	17.64	18.70
15	256QAM	1	37	17.55	17.64	17.74	18.70
15	256QAM	1	74	17.45	17.71	17.67	18.70
15	256QAM	36	0	17.50	17.62	17.63	18.70
15	256QAM	36	20	17.49	17.78	17.67	18.70
15	256QAM	36	39	17.50	17.73	17.64	18.70
15	256QAM	75	0	17.45	17.64	17.67	18.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.88	17.91	17.85	18.70
10	QPSK	1	25	17.60	17.74	17.70	18.70
10	QPSK	1	49	17.54	17.73	17.58	18.70
10	QPSK	25	0	17.84	17.86	17.87	18.70
10	QPSK	25	12	17.57	17.64	17.61	18.70
10	QPSK	25	25	17.46	17.75	17.65	18.70
10	QPSK	50	0	17.54	17.70	17.79	18.70
10	16QAM	1	0	17.58	17.60	17.59	18.70
10	16QAM	1	25	17.55	17.63	17.68	18.70

10	16QAM	1	49	17.67	17.68	17.62	18.70
10	16QAM	25	0	17.51	17.58	17.66	18.70
10	16QAM	25	12	17.57	17.61	17.67	18.70
10	16QAM	25	25	17.58	17.76	17.58	18.70
10	16QAM	50	0	17.43	17.59	17.62	18.70
10	64QAM	1	0	17.60	17.71	17.62	18.70
10	64QAM	1	25	17.44	17.69	17.72	18.70
10	64QAM	1	49	17.68	17.64	17.63	18.70
10	64QAM	25	0	17.42	17.65	17.62	18.70
10	64QAM	25	12	17.47	17.62	17.66	18.70
10	64QAM	25	25	17.65	17.56	17.66	18.70
10	64QAM	50	0	17.51	17.62	17.73	18.70
10	256QAM	1	0	17.52	17.79	17.71	18.70
10	256QAM	1	25	17.48	17.70	17.68	18.70
10	256QAM	1	49	17.46	17.67	17.74	18.70
10	256QAM	25	0	17.51	17.73	17.62	18.70
10	256QAM	25	12	17.56	17.79	17.63	18.70
10	256QAM	25	25	17.40	17.77	17.64	18.70
10	256QAM	50	0	17.50	17.62	17.58	18.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.77	17.84	17.82	18.70
5	QPSK	1	12	17.55	17.75	17.68	18.70
5	QPSK	1	24	17.63	17.74	17.59	18.70
5	QPSK	12	0	17.87	17.78	17.89	18.70
5	QPSK	12	7	17.54	17.77	17.67	18.70
5	QPSK	12	13	17.47	17.67	17.62	18.70
5	QPSK	25	0	17.58	17.65	17.74	18.70
5	16QAM	1	0	17.53	17.68	17.61	18.70
5	16QAM	1	12	17.60	17.74	17.68	18.70
5	16QAM	1	24	17.63	17.66	17.64	18.70
5	16QAM	12	0	17.49	17.63	17.68	18.70
5	16QAM	12	7	17.62	17.65	17.64	18.70
5	16QAM	12	13	17.52	17.72	17.57	18.70
5	16QAM	25	0	17.47	17.58	17.55	18.70
5	64QAM	1	0	17.62	17.80	17.57	18.70
5	64QAM	1	12	17.54	17.69	17.69	18.70
5	64QAM	1	24	17.55	17.64	17.73	18.70
5	64QAM	12	0	17.49	17.72	17.59	18.70
5	64QAM	12	7	17.39	17.60	17.68	18.70
5	64QAM	12	13	17.65	17.58	17.64	18.70
5	64QAM	25	0	17.59	17.65	17.68	18.70
5	256QAM	1	0	17.52	17.78	17.67	18.70
5	256QAM	1	12	17.49	17.68	17.68	18.70
5	256QAM	1	24	17.48	17.59	17.62	18.70
5	256QAM	12	0	17.47	17.63	17.58	18.70
5	256QAM	12	7	17.48	17.73	17.68	18.70
5	256QAM	12	13	17.47	17.80	17.65	18.70
5	256QAM	25	0	17.48	17.71	17.66	18.70

【LTE Band 7_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.85	17.99	17.98	19.20
20	QPSK	1	49	17.75	17.87	17.86	19.20
20	QPSK	1	99	17.76	17.83	17.79	19.20
20	QPSK	50	0	17.94	17.95	17.94	19.20
20	QPSK	50	24	17.71	17.86	17.85	19.20
20	QPSK	50	50	17.71	17.85	17.81	19.20
20	QPSK	100	0	17.71	17.87	17.85	19.20
20	16QAM	1	0	17.69	17.80	17.80	19.20
20	16QAM	1	49	17.74	17.81	17.90	19.20
20	16QAM	1	99	17.75	17.81	17.85	19.20
20	16QAM	50	0	17.68	17.85	17.83	19.20
20	16QAM	50	24	17.73	17.84	17.88	19.20
20	16QAM	50	50	17.74	17.90	17.84	19.20
20	16QAM	100	0	17.66	17.84	17.78	19.20
20	64QAM	1	0	17.75	17.89	17.80	19.20
20	64QAM	1	49	17.71	17.87	17.90	19.20
20	64QAM	1	99	17.72	17.86	17.86	19.20

20	64QAM	50	0	17.68	17.82	17.81	19.20
20	64QAM	50	24	17.66	17.84	17.88	19.20
20	64QAM	50	50	17.72	17.80	17.90	19.20
20	64QAM	100	0	17.65	17.88	17.85	19.20
20	256QAM	1	0	17.75	17.88	17.79	19.20
20	256QAM	1	49	17.74	17.90	17.85	19.20
20	256QAM	1	99	17.73	17.83	17.81	19.20
20	256QAM	50	0	17.66	17.83	17.81	19.20
20	256QAM	50	24	17.66	17.89	17.88	19.20
20	256QAM	50	50	17.65	17.85	17.78	19.20
20	256QAM	100	0	17.73	17.80	17.83	19.20
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	17.84	17.91	17.94	19.20
15	QPSK	1	37	17.71	17.74	17.82	19.20
15	QPSK	1	74	17.67	17.69	17.71	19.20
15	QPSK	36	0	17.85	17.91	17.80	19.20
15	QPSK	36	20	17.60	17.84	17.77	19.20
15	QPSK	36	39	17.58	17.70	17.70	19.20
15	QPSK	75	0	17.67	17.84	17.82	19.20
15	16QAM	1	0	17.67	17.78	17.74	19.20
15	16QAM	1	37	17.65	17.76	17.85	19.20
15	16QAM	1	74	17.68	17.70	17.72	19.20
15	16QAM	36	0	17.56	17.81	17.76	19.20
15	16QAM	36	20	17.63	17.78	17.77	19.20
15	16QAM	36	39	17.63	17.78	17.71	19.20
15	16QAM	75	0	17.55	17.82	17.67	19.20
15	64QAM	1	0	17.72	17.77	17.76	19.20
15	64QAM	1	37	17.66	17.85	17.81	19.20
15	64QAM	1	74	17.58	17.82	17.74	19.20
15	64QAM	36	0	17.64	17.73	17.70	19.20
15	64QAM	36	20	17.54	17.78	17.86	19.20
15	64QAM	36	39	17.60	17.65	17.81	19.20
15	64QAM	75	0	17.56	17.82	17.73	19.20
15	256QAM	1	0	17.69	17.84	17.71	19.20
15	256QAM	1	37	17.63	17.88	17.79	19.20
15	256QAM	1	74	17.67	17.81	17.68	19.20
15	256QAM	36	0	17.63	17.80	17.76	19.20
15	256QAM	36	20	17.57	17.84	17.76	19.20
15	256QAM	36	39	17.56	17.80	17.72	19.20
15	256QAM	75	0	17.63	17.70	17.71	19.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	17.83	17.97	17.85	19.20
10	QPSK	1	25	17.66	17.73	17.83	19.20
10	QPSK	1	49	17.69	17.73	17.69	19.20
10	QPSK	25	0	17.86	17.89	17.91	19.20
10	QPSK	25	12	17.65	17.76	17.81	19.20
10	QPSK	25	25	17.61	17.81	17.71	19.20
10	QPSK	50	0	17.57	17.77	17.83	19.20
10	16QAM	1	0	17.57	17.78	17.67	19.20
10	16QAM	1	25	17.70	17.78	17.78	19.20
10	16QAM	1	49	17.66	17.67	17.73	19.20
10	16QAM	25	0	17.57	17.76	17.82	19.20
10	16QAM	25	12	17.61	17.69	17.73	19.20
10	16QAM	25	25	17.60	17.85	17.80	19.20
10	16QAM	50	0	17.58	17.83	17.75	19.20
10	64QAM	1	0	17.63	17.80	17.73	19.20
10	64QAM	1	25	17.58	17.74	17.80	19.20
10	64QAM	1	49	17.61	17.79	17.77	19.20
10	64QAM	25	0	17.54	17.68	17.77	19.20
10	64QAM	25	12	17.58	17.82	17.78	19.20
10	64QAM	25	25	17.63	17.68	17.86	19.20
10	64QAM	50	0	17.51	17.79	17.82	19.20
10	256QAM	1	0	17.72	17.81	17.66	19.20
10	256QAM	1	25	17.63	17.78	17.75	19.20
10	256QAM	1	49	17.71	17.68	17.71	19.20
10	256QAM	25	0	17.59	17.77	17.71	19.20
10	256QAM	25	12	17.51	17.75	17.84	19.20
10	256QAM	25	25	17.60	17.76	17.68	19.20
10	256QAM	50	0	17.66	17.69	17.71	19.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.81	17.86	17.95	19.20
5	QPSK	1	12	17.66	17.83	17.73	19.20
5	QPSK	1	24	17.67	17.73	17.74	19.20
5	QPSK	12	0	17.86	17.85	17.90	19.20
5	QPSK	12	7	17.64	17.77	17.76	19.20

5	QPSK	12	13	17.70	17.75	17.67	19.20
5	QPSK	25	0	17.68	17.78	17.77	19.20
5	16QAM	1	0	17.56	17.71	17.67	19.20
5	16QAM	1	12	17.67	17.74	17.89	19.20
5	16QAM	1	24	17.71	17.72	17.71	19.20
5	16QAM	12	0	17.67	17.76	17.73	19.20
5	16QAM	12	7	17.67	17.81	17.80	19.20
5	16QAM	12	13	17.70	17.77	17.81	19.20
5	16QAM	25	0	17.53	17.76	17.73	19.20
5	64QAM	1	0	17.70	17.85	17.68	19.20
5	64QAM	1	12	17.58	17.77	17.81	19.20
5	64QAM	1	24	17.70	17.74	17.73	19.20
5	64QAM	12	0	17.58	17.75	17.78	19.20
5	64QAM	12	7	17.53	17.79	17.74	19.20
5	64QAM	12	13	17.69	17.74	17.86	19.20
5	64QAM	25	0	17.59	17.76	17.73	19.20
5	256QAM	1	0	17.66	17.77	17.77	19.20
5	256QAM	1	12	17.71	17.84	17.73	19.20
5	256QAM	1	24	17.65	17.68	17.70	19.20
5	256QAM	12	0	17.54	17.79	17.80	19.20
5	256QAM	12	7	17.58	17.75	17.80	19.20
5	256QAM	12	13	17.57	17.75	17.73	19.20
5	256QAM	25	0	17.65	17.68	17.75	19.20

【LTE Band 7_Ant 4_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.91	17.94	17.88	18.70
20	QPSK	1	49	17.62	17.78	17.71	18.70
20	QPSK	1	99	17.68	17.77	17.72	18.70
20	QPSK	50	0	17.89	17.93	17.91	18.70
20	QPSK	50	24	17.59	17.79	17.75	18.70
20	QPSK	50	50	17.60	17.79	17.75	18.70
20	QPSK	100	0	17.65	17.80	17.80	18.70
20	16QAM	1	0	17.65	17.70	17.65	18.70
20	16QAM	1	49	17.67	17.77	17.79	18.70
20	16QAM	1	99	17.71	17.75	17.74	18.70
20	16QAM	50	0	17.58	17.70	17.77	18.70
20	16QAM	50	24	17.65	17.74	17.79	18.70
20	16QAM	50	50	17.64	17.80	17.71	18.70
20	16QAM	100	0	17.52	17.71	17.69	18.70
20	64QAM	1	0	17.69	17.84	17.71	18.70
20	64QAM	1	49	17.56	17.79	17.78	18.70
20	64QAM	1	99	17.69	17.75	17.77	18.70
20	64QAM	50	0	17.56	17.75	17.71	18.70
20	64QAM	50	24	17.52	17.70	17.76	18.70
20	64QAM	50	50	17.68	17.66	17.77	18.70
20	64QAM	100	0	17.62	17.76	17.79	18.70
20	256QAM	1	0	17.65	17.83	17.75	18.70
20	256QAM	1	49	17.63	17.78	17.76	18.70
20	256QAM	1	99	17.58	17.74	17.76	18.70
20	256QAM	50	0	17.57	17.75	17.67	18.70
20	256QAM	50	24	17.58	17.86	17.78	18.70
20	256QAM	50	50	17.55	17.82	17.68	18.70
20	256QAM	100	0	17.58	17.73	17.71	18.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.85	17.88	17.85	18.70
15	QPSK	1	37	17.47	17.67	17.56	18.70
15	QPSK	1	74	17.60	17.63	17.70	18.70
15	QPSK	36	0	17.81	17.90	17.83	18.70
15	QPSK	36	20	17.52	17.68	17.68	18.70
15	QPSK	36	39	17.57	17.73	17.71	18.70
15	QPSK	75	0	17.60	17.67	17.76	18.70
15	16QAM	1	0	17.61	17.67	17.61	18.70
15	16QAM	1	37	17.62	17.72	17.70	18.70
15	16QAM	1	74	17.66	17.65	17.68	18.70
15	16QAM	36	0	17.49	17.69	17.66	18.70
15	16QAM	36	20	17.51	17.65	17.68	18.70
15	16QAM	36	39	17.52	17.73	17.67	18.70

15	16QAM	75	0	17.39	17.59	17.60	18.70
15	64QAM	1	0	17.58	17.75	17.64	18.70
15	64QAM	1	37	17.53	17.74	17.75	18.70
15	64QAM	1	74	17.54	17.73	17.70	18.70
15	64QAM	36	0	17.52	17.65	17.62	18.70
15	64QAM	36	20	17.43	17.59	17.70	18.70
15	64QAM	36	39	17.59	17.55	17.76	18.70
15	64QAM	75	0	17.58	17.67	17.65	18.70
15	256QAM	1	0	17.54	17.77	17.64	18.70
15	256QAM	1	37	17.55	17.64	17.74	18.70
15	256QAM	1	74	17.45	17.71	17.67	18.70
15	256QAM	36	0	17.50	17.62	17.63	18.70
15	256QAM	36	20	17.49	17.78	17.67	18.70
15	256QAM	36	39	17.50	17.73	17.64	18.70
15	256QAM	75	0	17.45	17.64	17.67	18.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	17.88	17.91	17.85	18.70
10	QPSK	1	25	17.60	17.74	17.70	18.70
10	QPSK	1	49	17.54	17.73	17.58	18.70
10	QPSK	25	0	17.84	17.86	17.87	18.70
10	QPSK	25	12	17.57	17.64	17.61	18.70
10	QPSK	25	25	17.46	17.75	17.65	18.70
10	QPSK	50	0	17.54	17.70	17.79	18.70
10	16QAM	1	0	17.58	17.60	17.59	18.70
10	16QAM	1	25	17.55	17.63	17.68	18.70
10	16QAM	1	49	17.67	17.68	17.62	18.70
10	16QAM	25	0	17.51	17.58	17.66	18.70
10	16QAM	25	12	17.57	17.61	17.67	18.70
10	16QAM	25	25	17.58	17.76	17.58	18.70
10	16QAM	50	0	17.43	17.59	17.62	18.70
10	64QAM	1	0	17.60	17.71	17.62	18.70
10	64QAM	1	25	17.44	17.69	17.72	18.70
10	64QAM	1	49	17.68	17.64	17.63	18.70
10	64QAM	25	0	17.42	17.65	17.62	18.70
10	64QAM	25	12	17.47	17.62	17.66	18.70
10	64QAM	25	25	17.65	17.56	17.66	18.70
10	64QAM	50	0	17.51	17.62	17.73	18.70
10	256QAM	1	0	17.52	17.79	17.71	18.70
10	256QAM	1	25	17.48	17.70	17.68	18.70
10	256QAM	1	49	17.46	17.67	17.74	18.70
10	256QAM	25	0	17.51	17.73	17.62	18.70
10	256QAM	25	12	17.56	17.79	17.63	18.70
10	256QAM	25	25	17.40	17.77	17.64	18.70
10	256QAM	50	0	17.50	17.62	17.58	18.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.77	17.84	17.82	18.70
5	QPSK	1	12	17.55	17.75	17.68	18.70
5	QPSK	1	24	17.63	17.74	17.59	18.70
5	QPSK	12	0	17.87	17.78	17.89	18.70
5	QPSK	12	7	17.54	17.77	17.67	18.70
5	QPSK	12	13	17.47	17.67	17.62	18.70
5	QPSK	25	0	17.58	17.65	17.74	18.70
5	16QAM	1	0	17.53	17.68	17.61	18.70
5	16QAM	1	12	17.60	17.74	17.68	18.70
5	16QAM	1	24	17.63	17.66	17.64	18.70
5	16QAM	12	0	17.49	17.63	17.68	18.70
5	16QAM	12	7	17.62	17.65	17.64	18.70
5	16QAM	12	13	17.52	17.72	17.57	18.70
5	16QAM	25	0	17.47	17.58	17.55	18.70
5	64QAM	1	0	17.62	17.80	17.57	18.70
5	64QAM	1	12	17.54	17.69	17.69	18.70
5	64QAM	1	24	17.55	17.64	17.73	18.70
5	64QAM	12	0	17.49	17.72	17.59	18.70
5	64QAM	12	7	17.39	17.60	17.68	18.70
5	64QAM	12	13	17.65	17.58	17.64	18.70
5	64QAM	25	0	17.59	17.65	17.68	18.70
5	256QAM	1	0	17.52	17.78	17.67	18.70
5	256QAM	1	12	17.49	17.68	17.68	18.70
5	256QAM	1	24	17.48	17.59	17.62	18.70
5	256QAM	12	0	17.47	17.63	17.58	18.70
5	256QAM	12	7	17.48	17.73	17.68	18.70
5	256QAM	12	13	17.47	17.80	17.65	18.70
5	256QAM	25	0	17.48	17.71	17.66	18.70