

Appendix E. Output Power Measurement

<GSM Conducted Power>

【GSM850_Ant0_Default】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.47	32.57	32.69	34.00	23.47	23.57	23.69	25.00
GPRS 1 Tx slot	32.46	32.55	32.68	34.00	23.46	23.55	23.68	25.00
GPRS 2 Tx slots	29.44	29.59	29.51	31.00	23.44	23.59	23.51	25.00
GPRS 3 Tx slots	27.80	27.92	27.94	29.20	23.54	23.66	23.68	24.94
GPRS 4 Tx slots	26.06	26.73	26.41	28.00	23.06	23.73	23.41	25.00
EDGE 1 Tx slot	26.01	26.02	26.01	28.00	17.01	17.02	17.01	19.00
EDGE 2 Tx slots	23.18	23.26	23.19	25.00	17.18	17.26	17.19	19.00
EDGE 3 Tx slots	21.48	21.45	21.71	23.20	17.22	17.19	17.45	18.94
EDGE 4 Tx slots	20.02	20.03	20.17	22.00	17.02	17.03	17.17	19.00

【GSM850_Ant0_DS11】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.47	32.57	32.69	34.00	23.47	23.57	23.69	25.00
GPRS 1 Tx slot	32.46	32.55	32.68	34.00	23.46	23.55	23.68	25.00
GPRS 2 Tx slots	29.44	29.59	29.51	31.00	23.44	23.59	23.51	25.00
GPRS 3 Tx slots	27.80	27.92	27.94	29.20	23.54	23.66	23.68	24.94
GPRS 4 Tx slots	26.06	26.73	26.41	28.00	23.06	23.73	23.41	25.00
EDGE 1 Tx slot	26.01	26.02	26.01	28.00	17.01	17.02	17.01	19.00
EDGE 2 Tx slots	23.18	23.26	23.19	25.00	17.18	17.26	17.19	19.00
EDGE 3 Tx slots	21.48	21.45	21.71	23.20	17.22	17.19	17.45	18.94
EDGE 4 Tx slots	20.02	20.03	20.17	22.00	17.02	17.03	17.17	19.00

【GSM850_Ant0_DS13】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.47	32.57	32.69	34.00	23.47	23.57	23.69	25.00
GPRS 1 Tx slot	32.46	32.55	32.68	34.00	23.46	23.55	23.68	25.00
GPRS 2 Tx slots	29.44	29.59	29.51	31.00	23.44	23.59	23.51	25.00
GPRS 3 Tx slots	27.80	27.92	27.94	29.20	23.54	23.66	23.68	24.94
GPRS 4 Tx slots	26.06	26.73	26.41	28.00	23.06	23.73	23.41	25.00
EDGE 1 Tx slot	26.01	26.02	26.01	28.00	17.01	17.02	17.01	19.00
EDGE 2 Tx slots	23.18	23.26	23.19	25.00	17.18	17.26	17.19	19.00
EDGE 3 Tx slots	21.48	21.45	21.71	23.20	17.22	17.19	17.45	18.94
EDGE 4 Tx slots	20.02	20.03	20.17	22.00	17.02	17.03	17.17	19.00

【GSM850_Ant0_DS14】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.47	32.57	32.69	34.00	23.47	23.57	23.69	25.00
GPRS 1 Tx slot	32.46	32.55	32.68	34.00	23.46	23.55	23.68	25.00
GPRS 2 Tx slots	29.44	29.59	29.51	31.00	23.44	23.59	23.51	25.00
GPRS 3 Tx slots	27.80	27.92	27.94	29.20	23.54	23.66	23.68	24.94
GPRS 4 Tx slots	26.06	26.73	26.41	28.00	23.06	23.73	23.41	25.00
EDGE 1 Tx slot	26.01	26.02	26.01	28.00	17.01	17.02	17.01	19.00
EDGE 2 Tx slots	23.18	23.26	23.19	25.00	17.18	17.26	17.19	19.00
EDGE 3 Tx slots	21.48	21.45	21.71	23.20	17.22	17.19	17.45	18.94
EDGE 4 Tx slots	20.02	20.03	20.17	22.00	17.02	17.03	17.17	19.00

【GSM850_Ant0_DSI5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.47	32.57	32.69	34.00	23.47	23.57	23.69	25.00
GPRS 1 Tx slot	32.46	32.55	32.68	34.00	23.46	23.55	23.68	25.00
GPRS 2 Tx slots	29.44	29.59	29.51	31.00	23.44	23.59	23.51	25.00
GPRS 3 Tx slots	27.80	27.92	27.94	29.20	23.54	23.66	23.68	24.94
GPRS 4 Tx slots	26.06	26.73	26.41	28.00	23.06	23.73	23.41	25.00
EDGE 1 Tx slot	26.01	26.02	26.01	28.00	17.01	17.02	17.01	19.00
EDGE 2 Tx slots	23.18	23.26	23.19	25.00	17.18	17.26	17.19	19.00
EDGE 3 Tx slots	21.48	21.45	21.71	23.20	17.22	17.19	17.45	18.94
EDGE 4 Tx slots	20.02	20.03	20.17	22.00	17.02	17.03	17.17	19.00

【GSM850_Ant1_Default】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.99	32.95	32.95	34.50	23.99	23.95	23.95	25.50
GPRS 1 Tx slot	32.98	32.94	32.93	34.50	23.98	23.94	23.93	25.50
GPRS 2 Tx slots	29.85	29.94	29.97	31.50	23.85	23.94	23.97	25.50
GPRS 3 Tx slots	28.14	28.21	28.51	29.70	23.88	23.95	24.25	25.44
GPRS 4 Tx slots	26.65	26.98	26.94	28.50	23.65	23.98	23.94	25.50
EDGE 1 Tx slot	26.13	25.94	26.04	28.50	17.13	16.94	17.04	19.50
EDGE 2 Tx slots	23.81	23.73	23.77	25.50	17.81	17.73	17.77	19.50
EDGE 3 Tx slots	21.89	21.91	21.81	23.70	17.63	17.65	17.55	19.44
EDGE 4 Tx slots	20.64	20.58	20.55	22.50	17.64	17.58	17.55	19.50

【GSM850_Ant1_DSI1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.55	28.50	28.54	30.00	19.55	19.50	19.54	21.00
GPRS 1 Tx slot	28.62	28.49	28.52	30.00	19.62	19.49	19.52	21.00
GPRS 2 Tx slots	25.42	25.56	25.59	27.00	19.42	19.56	19.59	21.00
GPRS 3 Tx slots	23.76	23.79	24.08	25.20	19.50	19.53	19.82	20.94
GPRS 4 Tx slots	22.52	22.62	22.58	24.00	19.52	19.62	19.58	21.00
EDGE 1 Tx slot	26.13	25.94	26.04	28.50	17.13	16.94	17.04	19.50
EDGE 2 Tx slots	23.81	23.73	23.77	25.50	17.81	17.73	17.77	19.50
EDGE 3 Tx slots	21.89	21.91	21.81	23.70	17.63	17.65	17.55	19.44
EDGE 4 Tx slots	20.64	20.58	20.55	22.50	17.64	17.58	17.55	19.50

【GSM850_Ant1_DSI3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.07	28.00	28.10	29.50	19.07	19.00	19.10	20.50
GPRS 1 Tx slot	28.03	28.09	27.99	29.50	19.03	19.09	18.99	20.50
GPRS 2 Tx slots	24.96	25.09	25.11	26.50	18.96	19.09	19.11	20.50
GPRS 3 Tx slots	23.28	23.31	23.57	24.70	19.02	19.05	19.31	20.44
GPRS 4 Tx slots	22.11	22.18	22.08	23.50	19.11	19.18	19.08	20.50
EDGE 1 Tx slot	26.13	25.94	26.04	28.50	17.13	16.94	17.04	19.50
EDGE 2 Tx slots	23.81	23.73	23.77	25.50	17.81	17.73	17.77	19.50
EDGE 3 Tx slots	21.89	21.91	21.81	23.70	17.63	17.65	17.55	19.44
EDGE 4 Tx slots	20.64	20.58	20.55	22.50	17.64	17.58	17.55	19.50

【GSM850_Ant1_DSI4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.99	32.95	32.95	34.50	23.99	23.95	23.95	25.50
GPRS 1 Tx slot	32.98	32.94	32.93	34.50	23.98	23.94	23.93	25.50
GPRS 2 Tx slots	29.85	29.94	29.97	31.50	23.85	23.94	23.97	25.50
GPRS 3 Tx slots	28.14	28.21	28.51	29.70	23.88	23.95	24.25	25.44
GPRS 4 Tx slots	26.65	26.98	26.94	28.50	23.65	23.98	23.94	25.50
EDGE 1 Tx slot	26.13	25.94	26.04	28.50	17.13	16.94	17.04	19.50
EDGE 2 Tx slots	23.81	23.73	23.77	25.50	17.81	17.73	17.77	19.50
EDGE 3 Tx slots	21.89	21.91	21.81	23.70	17.63	17.65	17.55	19.44
EDGE 4 Tx slots	20.64	20.58	20.55	22.50	17.64	17.58	17.55	19.50

【GSM850_Ant1_DSI5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.07	28.00	28.10	29.50	19.07	19.00	19.10	20.50
GPRS 1 Tx slot	28.03	28.09	27.99	29.50	19.03	19.09	18.99	20.50
GPRS 2 Tx slots	24.96	25.09	25.11	26.50	18.96	19.09	19.11	20.50
GPRS 3 Tx slots	23.28	23.31	23.57	24.70	19.02	19.05	19.31	20.44
GPRS 4 Tx slots	22.11	22.18	22.08	23.50	19.11	19.18	19.08	20.50
EDGE 1 Tx slot	26.13	25.94	26.04	28.50	17.13	16.94	17.04	19.50
EDGE 2 Tx slots	23.81	23.73	23.77	25.50	17.81	17.73	17.77	19.50
EDGE 3 Tx slots	21.89	21.91	21.81	23.70	17.63	17.65	17.55	19.44
EDGE 4 Tx slots	20.64	20.58	20.55	22.50	17.64	17.58	17.55	19.50

【GSM1900_Ant4_Default】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.10	30.23	29.88	31.50	21.10	21.23	20.88	22.50
GPRS 1 Tx slot	30.12	30.29	29.97	31.50	21.12	21.29	20.97	22.50
GPRS 2 Tx slots	26.82	27.14	26.98	28.50	20.82	21.14	20.98	22.50
GPRS 3 Tx slots	25.32	25.34	25.26	26.70	21.06	21.08	21.00	22.44
GPRS 4 Tx slots	24.21	24.31	24.28	25.50	21.21	21.31	21.28	22.50
EDGE 1 Tx slot	26.68	26.34	26.69	27.50	17.68	17.34	17.69	18.50
EDGE 2 Tx slots	23.44	23.24	23.35	24.50	17.44	17.24	17.35	18.50
EDGE 3 Tx slots	21.72	21.42	21.31	22.70	17.46	17.16	17.05	18.44
EDGE 4 Tx slots	20.32	19.78	19.86	21.50	17.32	16.78	16.86	18.50

【GSM1900_Ant4_DSI1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.57	27.75	27.34	29.00	18.57	18.75	18.34	20.00
GPRS 1 Tx slot	27.65	27.82	27.44	29.00	18.65	18.82	18.44	20.00
GPRS 2 Tx slots	24.34	24.68	24.44	26.00	18.34	18.68	18.44	20.00
GPRS 3 Tx slots	22.81	22.78	22.74	24.20	18.55	18.52	18.48	19.94
GPRS 4 Tx slots	21.69	21.78	21.72	23.00	18.69	18.78	18.72	20.00
EDGE 1 Tx slot	26.68	26.34	26.69	27.50	17.68	17.34	17.69	18.50
EDGE 2 Tx slots	23.44	23.24	23.35	24.50	17.44	17.24	17.35	18.50
EDGE 3 Tx slots	21.72	21.42	21.31	22.70	17.46	17.16	17.05	18.44
EDGE 4 Tx slots	20.32	19.78	19.86	21.50	17.32	16.78	16.86	18.50

【GSM1900_Ant4_DSI3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.06	27.27	26.90	28.50	18.06	18.27	17.90	19.50
GPRS 1 Tx slot	27.10	27.33	27.02	28.50	18.10	18.33	18.02	19.50
GPRS 2 Tx slots	23.83	24.08	23.96	25.50	17.83	18.08	17.96	19.50
GPRS 3 Tx slots	22.31	22.30	22.30	23.70	18.05	18.04	18.04	19.44
GPRS 4 Tx slots	21.21	21.33	21.27	22.50	18.21	18.33	18.27	19.50
EDGE 1 Tx slot	26.68	26.34	26.69	27.50	17.68	17.34	17.69	18.50
EDGE 2 Tx slots	23.44	23.24	23.35	24.50	17.44	17.24	17.35	18.50
EDGE 3 Tx slots	21.72	21.42	21.31	22.70	17.46	17.16	17.05	18.44
EDGE 4 Tx slots	20.32	19.78	19.86	21.50	17.32	16.78	16.86	18.50

【GSM1900_Ant4_DSI4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.10	30.23	29.88	31.50	21.10	21.23	20.88	22.50
GPRS 1 Tx slot	30.12	30.29	29.97	31.50	21.12	21.29	20.97	22.50
GPRS 2 Tx slots	26.82	27.14	26.98	28.50	20.82	21.14	20.98	22.50
GPRS 3 Tx slots	25.32	25.34	25.26	26.70	21.06	21.08	21.00	22.44
GPRS 4 Tx slots	24.21	24.31	24.28	25.50	21.21	21.31	21.28	22.50
EDGE 1 Tx slot	26.68	26.34	26.69	27.50	17.68	17.34	17.69	18.50
EDGE 2 Tx slots	23.44	23.24	23.35	24.50	17.44	17.24	17.35	18.50
EDGE 3 Tx slots	21.72	21.42	21.31	22.70	17.46	17.16	17.05	18.44
EDGE 4 Tx slots	20.32	19.78	19.86	21.50	17.32	16.78	16.86	18.50

【GSM1900_Ant4_DSI5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.06	27.27	26.90	28.50	18.06	18.27	17.90	19.50
GPRS 1 Tx slot	27.10	27.33	27.02	28.50	18.10	18.33	18.02	19.50
GPRS 2 Tx slots	23.83	24.08	23.96	25.50	17.83	18.08	17.96	19.50
GPRS 3 Tx slots	22.31	22.30	22.30	23.70	18.05	18.04	18.04	19.44
GPRS 4 Tx slots	21.21	21.33	21.27	22.50	18.21	18.33	18.27	19.50
EDGE 1 Tx slot	26.68	26.34	26.69	27.50	17.68	17.34	17.69	18.50
EDGE 2 Tx slots	23.44	23.24	23.35	24.50	17.44	17.24	17.35	18.50
EDGE 3 Tx slots	21.72	21.42	21.31	22.70	17.46	17.16	17.05	18.44
EDGE 4 Tx slots	20.32	19.78	19.86	21.50	17.32	16.78	16.86	18.50

【GSM1900_Ant6_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	29.73	29.80	29.70	31.00	20.73	20.80	20.70	22.00
GPRS 1 Tx slot	29.76	29.86	29.73	31.00	20.76	20.86	20.73	22.00
GPRS 2 Tx slots	26.99	27.08	27.01	28.00	20.99	21.08	21.01	22.00
GPRS 3 Tx slots	25.25	25.16	25.18	26.20	20.99	20.90	20.92	21.94
GPRS 4 Tx slots	23.96	24.18	24.13	25.00	20.96	21.18	21.13	22.00
EDGE 1 Tx slot	26.20	26.32	26.59	27.00	17.20	17.32	17.59	18.00
EDGE 2 Tx slots	22.92	23.28	23.15	24.00	16.92	17.28	17.15	18.00
EDGE 3 Tx slots	21.16	21.41	21.04	22.20	16.90	17.15	16.78	17.94
EDGE 4 Tx slots	19.59	20.14	19.49	21.00	16.59	17.14	16.49	18.00

【GSM1900_Ant6_DSI1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.73	29.80	29.70	31.00	20.73	20.80	20.70	22.00
GPRS 1 Tx slot	29.76	29.86	29.73	31.00	20.76	20.86	20.73	22.00
GPRS 2 Tx slots	26.99	27.08	27.01	28.00	20.99	21.08	21.01	22.00
GPRS 3 Tx slots	25.25	25.16	25.18	26.20	20.99	20.90	20.92	21.94
GPRS 4 Tx slots	23.96	24.18	24.13	25.00	20.96	21.18	21.13	22.00
EDGE 1 Tx slot	26.20	26.32	26.59	27.00	17.20	17.32	17.59	18.00
EDGE 2 Tx slots	22.92	23.28	23.15	24.00	16.92	17.28	17.15	18.00
EDGE 3 Tx slots	21.16	21.41	21.04	22.20	16.90	17.15	16.78	17.94
EDGE 4 Tx slots	19.59	20.14	19.49	21.00	16.59	17.14	16.49	18.00

【GSM1900_Ant6_DSI3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.78	28.83	28.70	30.00	19.78	19.83	19.70	21.00
GPRS 1 Tx slot	28.75	28.84	28.74	30.00	19.75	19.84	19.74	21.00
GPRS 2 Tx slots	25.98	26.06	26.01	27.00	19.98	20.06	20.01	21.00
GPRS 3 Tx slots	24.30	24.21	24.14	25.20	20.04	19.95	19.88	20.94
GPRS 4 Tx slots	23.16	23.20	23.14	24.00	20.16	20.20	20.14	21.00
EDGE 1 Tx slot	26.20	26.32	26.59	27.00	17.20	17.32	17.59	18.00
EDGE 2 Tx slots	22.92	23.28	23.15	24.00	16.92	17.28	17.15	18.00
EDGE 3 Tx slots	21.16	21.41	21.04	22.20	16.90	17.15	16.78	17.94
EDGE 4 Tx slots	19.59	20.14	19.49	21.00	16.59	17.14	16.49	18.00

【GSM1900_Ant6_DSI4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.78	28.83	28.70	30.00	19.78	19.83	19.70	21.00
GPRS 1 Tx slot	28.75	28.84	28.74	30.00	19.75	19.84	19.74	21.00
GPRS 2 Tx slots	25.98	26.06	26.01	27.00	19.98	20.06	20.01	21.00
GPRS 3 Tx slots	24.30	24.21	24.14	25.20	20.04	19.95	19.88	20.94
GPRS 4 Tx slots	23.16	23.20	23.14	24.00	20.16	20.20	20.14	21.00
EDGE 1 Tx slot	26.20	26.32	26.59	27.00	17.20	17.32	17.59	18.00
EDGE 2 Tx slots	22.92	23.28	23.15	24.00	16.92	17.28	17.15	18.00
EDGE 3 Tx slots	21.16	21.41	21.04	22.20	16.90	17.15	16.78	17.94
EDGE 4 Tx slots	19.59	20.14	19.49	21.00	16.59	17.14	16.49	18.00

【GSM1900_Ant6_DSI5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.78	28.83	28.70	30.00	19.78	19.83	19.70	21.00
GPRS 1 Tx slot	28.75	28.84	28.74	30.00	19.75	19.84	19.74	21.00
GPRS 2 Tx slots	25.98	26.06	26.01	27.00	19.98	20.06	20.01	21.00
GPRS 3 Tx slots	24.30	24.21	24.14	25.20	20.04	19.95	19.88	20.94
GPRS 4 Tx slots	23.16	23.20	23.14	24.00	20.16	20.20	20.14	21.00
EDGE 1 Tx slot	26.20	26.32	26.59	27.00	17.20	17.32	17.59	18.00
EDGE 2 Tx slots	22.92	23.28	23.15	24.00	16.92	17.28	17.15	18.00
EDGE 3 Tx slots	21.16	21.41	21.04	22.20	16.90	17.15	16.78	17.94
EDGE 4 Tx slots	19.59	20.14	19.49	21.00	16.59	17.14	16.49	18.00

<WCDMA Conducted Power>

【WCDMA II_Ant4_Default】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.75	24.78	24.77	25.50
3GPP Rel 99	RMC 12.2Kbps	24.78	24.84	24.79	25.50
3GPP Rel 6	HSDPA Subtest-1	23.64	23.81	23.66	24.50
3GPP Rel 6	HSDPA Subtest-2	23.67	23.80	23.71	24.50
3GPP Rel 6	HSDPA Subtest-3	23.17	23.29	23.20	24.00
3GPP Rel 6	HSDPA Subtest-4	23.16	23.22	23.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.57	23.72	23.63	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.47	23.63	23.54	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.15	23.27	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.11	23.19	23.05	24.00
3GPP Rel 6	HSUPA Subtest-1	23.50	23.63	23.49	24.50
3GPP Rel 6	HSUPA Subtest-2	21.81	21.85	21.70	22.50
3GPP Rel 6	HSUPA Subtest-3	22.71	22.82	22.76	23.50
3GPP Rel 6	HSUPA Subtest-4	21.69	21.73	21.62	22.50
3GPP Rel 6	HSUPA Subtest-5	23.60	23.78	23.63	24.50

【WCDMA II_Ant4_DSI1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.73	17.84	17.76	18.50
3GPP Rel 99	RMC 12.2Kbps	17.84	17.86	17.78	18.50
3GPP Rel 6	HSDPA Subtest-1	16.78	16.81	16.80	17.50
3GPP Rel 6	HSDPA Subtest-2	16.75	16.78	16.75	17.50
3GPP Rel 6	HSDPA Subtest-3	16.33	16.29	16.28	17.00
3GPP Rel 6	HSDPA Subtest-4	16.34	16.34	16.30	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.81	16.86	16.76	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.78	16.84	16.74	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.27	16.32	16.33	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.23	16.37	16.34	17.00
3GPP Rel 6	HSUPA Subtest-1	16.81	16.85	16.78	17.50
3GPP Rel 6	HSUPA Subtest-2	14.77	14.90	14.84	15.50
3GPP Rel 6	HSUPA Subtest-3	15.75	15.83	15.76	16.50
3GPP Rel 6	HSUPA Subtest-4	14.83	14.80	14.75	15.50
3GPP Rel 6	HSUPA Subtest-5	16.77	16.87	16.75	17.50

【WCDMA II_Ant4_DSI3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.73	18.81	18.68	19.50
3GPP Rel 99	RMC 12.2Kbps	18.76	18.84	18.74	19.50
3GPP Rel 6	HSDPA Subtest-1	17.77	17.80	17.83	18.50
3GPP Rel 6	HSDPA Subtest-2	17.75	17.83	17.73	18.50
3GPP Rel 6	HSDPA Subtest-3	17.26	17.31	17.33	18.00
3GPP Rel 6	HSDPA Subtest-4	17.28	17.38	17.35	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.72	17.86	17.74	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.76	17.80	17.75	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.32	17.32	17.25	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.31	17.34	17.25	18.00
3GPP Rel 6	HSUPA Subtest-1	17.76	17.82	17.78	18.50
3GPP Rel 6	HSUPA Subtest-2	15.77	15.89	15.80	16.50
3GPP Rel 6	HSUPA Subtest-3	16.72	16.85	16.79	17.50
3GPP Rel 6	HSUPA Subtest-4	15.78	15.85	15.84	16.50
3GPP Rel 6	HSUPA Subtest-5	17.76	17.86	17.73	18.50

【WCDMA II_Ant4_DSI4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.75	24.78	24.77	25.50
3GPP Rel 99	RMC 12.2Kbps	24.78	24.84	24.79	25.50
3GPP Rel 6	HSDPA Subtest-1	23.64	23.81	23.66	24.50
3GPP Rel 6	HSDPA Subtest-2	23.67	23.80	23.71	24.50
3GPP Rel 6	HSDPA Subtest-3	23.17	23.29	23.20	24.00
3GPP Rel 6	HSDPA Subtest-4	23.16	23.22	23.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.57	23.72	23.63	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.47	23.63	23.54	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.15	23.27	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.11	23.19	23.05	24.00
3GPP Rel 6	HSUPA Subtest-1	23.50	23.63	23.49	24.50
3GPP Rel 6	HSUPA Subtest-2	21.81	21.85	21.70	22.50
3GPP Rel 6	HSUPA Subtest-3	22.71	22.82	22.76	23.50
3GPP Rel 6	HSUPA Subtest-4	21.69	21.73	21.62	22.50
3GPP Rel 6	HSUPA Subtest-5	23.60	23.78	23.63	24.50

【WCDMA II_Ant4_DSI5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.73	17.84	17.76	18.50
3GPP Rel 99	RMC 12.2Kbps	17.84	17.86	17.78	18.50
3GPP Rel 6	HSDPA Subtest-1	16.78	16.81	16.80	17.50
3GPP Rel 6	HSDPA Subtest-2	16.75	16.78	16.75	17.50
3GPP Rel 6	HSDPA Subtest-3	16.33	16.29	16.28	17.00
3GPP Rel 6	HSDPA Subtest-4	16.34	16.34	16.30	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.81	16.86	16.76	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.78	16.84	16.74	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.27	16.32	16.33	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.23	16.37	16.34	17.00
3GPP Rel 6	HSUPA Subtest-1	16.81	16.85	16.78	17.50
3GPP Rel 6	HSUPA Subtest-2	14.77	14.90	14.84	15.50
3GPP Rel 6	HSUPA Subtest-3	15.75	15.83	15.76	16.50
3GPP Rel 6	HSUPA Subtest-4	14.83	14.80	14.75	15.50
3GPP Rel 6	HSUPA Subtest-5	16.77	16.87	16.75	17.50

【WCDMA II_Ant6_Default】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.21	24.19	24.17	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.28	24.25	25.00
3GPP Rel 6	HSDPA Subtest-1	23.07	23.18	23.02	24.00
3GPP Rel 6	HSDPA Subtest-2	23.22	23.23	23.16	24.00
3GPP Rel 6	HSDPA Subtest-3	22.57	22.70	22.63	23.50
3GPP Rel 6	HSDPA Subtest-4	22.49	22.56	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.15	23.15	23.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.90	23.02	22.92	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.64	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.50	22.40	23.50
3GPP Rel 6	HSUPA Subtest-1	23.03	23.04	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.14	21.20	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.13	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	20.99	21.07	20.91	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.15	23.03	24.00

【WCDMA II_Ant6_DSI1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.21	24.19	24.17	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.28	24.25	25.00
3GPP Rel 6	HSDPA Subtest-1	23.07	23.18	23.02	24.00
3GPP Rel 6	HSDPA Subtest-2	23.22	23.23	23.16	24.00
3GPP Rel 6	HSDPA Subtest-3	22.57	22.70	22.63	23.50
3GPP Rel 6	HSDPA Subtest-4	22.49	22.56	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.15	23.15	23.10	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.90	23.02	22.92	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.64	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.50	22.40	23.50
3GPP Rel 6	HSUPA Subtest-1	23.03	23.04	22.96	24.00
3GPP Rel 6	HSUPA Subtest-2	21.14	21.20	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.03	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-4	20.99	21.07	20.91	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.15	23.03	24.00

【WCDMA II_Ant6_DSI3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.16	19.05	19.05	20.00
3GPP Rel 99	RMC 12.2Kbps	19.17	19.19	19.13	20.00
3GPP Rel 6	HSDPA Subtest-1	17.92	18.07	17.87	19.00
3GPP Rel 6	HSDPA Subtest-2	18.12	18.15	18.01	19.00
3GPP Rel 6	HSDPA Subtest-3	17.48	17.58	17.58	18.50
3GPP Rel 6	HSDPA Subtest-4	17.42	17.50	17.40	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.07	17.99	17.98	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.84	17.97	17.78	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.54	17.49	17.35	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.36	17.40	17.26	18.50
3GPP Rel 6	HSUPA Subtest-1	17.92	17.91	17.80	19.00
3GPP Rel 6	HSUPA Subtest-2	16.07	16.08	16.02	17.00
3GPP Rel 6	HSUPA Subtest-3	16.90	17.00	16.90	18.00
3GPP Rel 6	HSUPA Subtest-4	15.91	15.91	15.84	17.00
3GPP Rel 6	HSUPA Subtest-5	18.01	18.03	17.90	19.00

【WCDMA II_Ant6_DSI4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.16	19.05	19.05	20.00
3GPP Rel 99	RMC 12.2Kbps	19.17	19.19	19.13	20.00
3GPP Rel 6	HSDPA Subtest-1	17.92	18.07	17.87	19.00
3GPP Rel 6	HSDPA Subtest-2	18.12	18.15	18.01	19.00
3GPP Rel 6	HSDPA Subtest-3	17.48	17.58	17.58	18.50
3GPP Rel 6	HSDPA Subtest-4	17.42	17.50	17.40	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.07	17.99	17.98	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.84	17.97	17.78	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.54	17.49	17.35	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.36	17.40	17.26	18.50
3GPP Rel 6	HSUPA Subtest-1	17.92	17.91	17.80	19.00
3GPP Rel 6	HSUPA Subtest-2	16.07	16.08	16.02	17.00
3GPP Rel 6	HSUPA Subtest-3	16.90	17.00	16.90	18.00
3GPP Rel 6	HSUPA Subtest-4	15.91	15.91	15.84	17.00
3GPP Rel 6	HSUPA Subtest-5	18.01	18.03	17.90	19.00

【WCDMA II_Ant6_DSI5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.16	19.05	19.05	20.00
3GPP Rel 99	RMC 12.2Kbps	19.17	19.19	19.13	20.00
3GPP Rel 6	HSDPA Subtest-1	17.92	18.07	17.87	19.00
3GPP Rel 6	HSDPA Subtest-2	18.12	18.15	18.01	19.00
3GPP Rel 6	HSDPA Subtest-3	17.48	17.58	17.58	18.50
3GPP Rel 6	HSDPA Subtest-4	17.42	17.50	17.40	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.07	17.99	17.98	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.84	17.97	17.78	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.54	17.49	17.35	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.36	17.40	17.26	18.50
3GPP Rel 6	HSUPA Subtest-1	17.92	17.91	17.80	19.00
3GPP Rel 6	HSUPA Subtest-2	16.07	16.08	16.02	17.00
3GPP Rel 6	HSUPA Subtest-3	16.90	17.00	16.90	18.00
3GPP Rel 6	HSUPA Subtest-4	15.91	15.91	15.84	17.00
3GPP Rel 6	HSUPA Subtest-5	18.01	18.03	17.90	19.00

【WCDMA IV_Ant4_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.11	25.00
3GPP Rel 99	RMC 12.2Kbps	24.12	24.18	24.10	25.00
3GPP Rel 6	HSDPA Subtest-1	22.93	23.09	22.95	24.00
3GPP Rel 6	HSDPA Subtest-2	22.92	23.04	22.95	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.65	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.42	22.48	22.36	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	23.01	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.94	22.99	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.58	22.39	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.44	22.33	23.50
3GPP Rel 6	HSUPA Subtest-1	22.80	22.91	22.74	24.00
3GPP Rel 6	HSUPA Subtest-2	21.09	21.16	21.00	22.00
3GPP Rel 6	HSUPA Subtest-3	22.08	22.13	21.99	23.00
3GPP Rel 6	HSUPA Subtest-4	20.94	21.01	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	22.90	23.06	22.96	24.00

【WCDMA IV_Ant4_DSI1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.13	17.15	17.02	18.00
3GPP Rel 99	RMC 12.2Kbps	17.16	17.18	17.06	18.00
3GPP Rel 6	HSDPA Subtest-1	16.15	16.24	16.16	17.00
3GPP Rel 6	HSDPA Subtest-2	16.11	16.22	16.08	17.00
3GPP Rel 6	HSDPA Subtest-3	15.61	15.68	15.60	16.50
3GPP Rel 6	HSDPA Subtest-4	15.67	15.64	15.61	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.16	16.23	16.15	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.10	16.15	16.06	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.62	15.72	15.65	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.58	15.72	15.59	16.50
3GPP Rel 6	HSUPA Subtest-1	16.14	16.20	16.14	17.00
3GPP Rel 6	HSUPA Subtest-2	14.12	14.18	14.09	15.00
3GPP Rel 6	HSUPA Subtest-3	15.16	15.17	15.11	16.00
3GPP Rel 6	HSUPA Subtest-4	14.13	14.17	14.09	15.00
3GPP Rel 6	HSUPA Subtest-5	16.13	16.20	16.12	17.00

【WCDMA IV_Ant4_DSI3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.58	18.63	18.55	19.50
3GPP Rel 99	RMC 12.2Kbps	18.65	18.71	18.57	19.50
3GPP Rel 6	HSDPA Subtest-1	17.62	17.68	17.59	18.50
3GPP Rel 6	HSDPA Subtest-2	17.56	17.62	17.59	18.50
3GPP Rel 6	HSDPA Subtest-3	17.16	17.22	17.14	18.00
3GPP Rel 6	HSDPA Subtest-4	17.15	17.14	17.15	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.63	17.67	17.65	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.57	17.74	17.55	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.07	17.13	17.07	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.08	17.21	17.12	18.00
3GPP Rel 6	HSUPA Subtest-1	17.64	17.63	17.65	18.50
3GPP Rel 6	HSUPA Subtest-2	15.58	15.64	15.65	16.50
3GPP Rel 6	HSUPA Subtest-3	16.64	16.63	16.61	17.50
3GPP Rel 6	HSUPA Subtest-4	15.57	15.64	15.60	16.50
3GPP Rel 6	HSUPA Subtest-5	17.60	17.71	17.64	18.50

【WCDMA IV_Ant4_DSI4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.11	25.00
3GPP Rel 99	RMC 12.2Kbps	24.12	24.18	24.10	25.00
3GPP Rel 6	HSDPA Subtest-1	22.93	23.09	22.95	24.00
3GPP Rel 6	HSDPA Subtest-2	22.92	23.04	22.95	24.00
3GPP Rel 6	HSDPA Subtest-3	22.53	22.65	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.42	22.48	22.36	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	23.01	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.94	22.99	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.58	22.39	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.44	22.33	23.50
3GPP Rel 6	HSUPA Subtest-1	22.80	22.91	22.74	24.00
3GPP Rel 6	HSUPA Subtest-2	21.09	21.16	21.00	22.00
3GPP Rel 6	HSUPA Subtest-3	22.08	22.13	21.99	23.00
3GPP Rel 6	HSUPA Subtest-4	20.94	21.01	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	22.90	23.06	22.96	24.00

【WCDMA IV_Ant4_DSI5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.13	17.15	17.02	18.00
3GPP Rel 99	RMC 12.2Kbps	17.16	17.18	17.06	18.00
3GPP Rel 6	HSDPA Subtest-1	16.15	16.24	16.16	17.00
3GPP Rel 6	HSDPA Subtest-2	16.11	16.22	16.08	17.00
3GPP Rel 6	HSDPA Subtest-3	15.61	15.68	15.60	16.50
3GPP Rel 6	HSDPA Subtest-4	15.67	15.64	15.61	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.16	16.23	16.15	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.10	16.15	16.06	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.62	15.72	15.65	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.58	15.72	15.59	16.50
3GPP Rel 6	HSUPA Subtest-1	16.14	16.20	16.14	17.00
3GPP Rel 6	HSUPA Subtest-2	14.12	14.18	14.09	15.00
3GPP Rel 6	HSUPA Subtest-3	15.16	15.17	15.11	16.00
3GPP Rel 6	HSUPA Subtest-4	14.13	14.17	14.09	15.00
3GPP Rel 6	HSUPA Subtest-5	16.13	16.20	16.12	17.00

【WCDMA IV_Ant5_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.11	23.07	23.08	24.00
3GPP Rel 99	RMC 12.2Kbps	23.12	23.16	23.15	24.00
3GPP Rel 6	HSDPA Subtest-1	22.23	22.22	22.14	23.00
3GPP Rel 6	HSDPA Subtest-2	22.11	22.18	22.12	23.00
3GPP Rel 6	HSDPA Subtest-3	21.62	21.61	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	21.55	21.57	21.46	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	22.06	21.96	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.00	22.03	21.93	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.49	21.49	21.37	22.50
3GPP Rel 6	HSUPA Subtest-1	21.93	21.93	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	20.10	20.20	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.08	21.12	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.07	20.09	20.03	21.00
3GPP Rel 6	HSUPA Subtest-5	22.12	22.15	22.06	23.00

【WCDMA IV_Ant5_DS11】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	15.58	15.63	15.60	16.50
3GPP Rel 99	RMC 12.2Kbps	15.61	15.65	15.64	16.50
3GPP Rel 6	HSDPA Subtest-1	14.61	14.61	14.70	15.50
3GPP Rel 6	HSDPA Subtest-2	14.64	14.70	14.68	15.50
3GPP Rel 6	HSDPA Subtest-3	14.08	14.20	14.10	15.00
3GPP Rel 6	HSDPA Subtest-4	14.14	14.22	14.12	15.00
3GPP Rel 8	DC-HSDPA Subtest-1	14.62	14.67	14.61	15.50
3GPP Rel 8	DC-HSDPA Subtest-2	14.66	14.71	14.67	15.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.07	14.12	14.14	15.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.11	14.19	14.12	15.00
3GPP Rel 6	HSUPA Subtest-1	14.60	14.66	14.70	15.50
3GPP Rel 6	HSUPA Subtest-2	12.61	12.67	12.60	13.50
3GPP Rel 6	HSUPA Subtest-3	13.66	13.65	13.63	14.50
3GPP Rel 6	HSUPA Subtest-4	12.67	12.69	12.66	13.50
3GPP Rel 6	HSUPA Subtest-5	14.62	14.71	14.60	15.50

【WCDMA IV_Ant5_DS13】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.11	18.13	18.06	19.00
3GPP Rel 99	RMC 12.2Kbps	18.15	18.17	18.10	19.00
3GPP Rel 6	HSDPA Subtest-1	17.08	17.15	17.11	18.00
3GPP Rel 6	HSDPA Subtest-2	17.10	17.13	17.12	18.00
3GPP Rel 6	HSDPA Subtest-3	16.66	16.71	16.71	17.50
3GPP Rel 6	HSDPA Subtest-4	16.68	16.69	16.62	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.17	17.16	17.14	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.07	17.17	17.12	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.65	16.70	16.60	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.65	16.66	16.65	17.50
3GPP Rel 6	HSUPA Subtest-1	17.07	17.17	17.18	18.00
3GPP Rel 6	HSUPA Subtest-2	15.10	15.22	15.12	16.00
3GPP Rel 6	HSUPA Subtest-3	16.14	16.14	16.12	17.00
3GPP Rel 6	HSUPA Subtest-4	15.14	15.15	15.13	16.00
3GPP Rel 6	HSUPA Subtest-5	17.08	17.13	17.12	18.00

【WCDMA IV_Ant5_DSI4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.11	23.07	23.08	24.00
3GPP Rel 99	RMC 12.2Kbps	23.12	23.16	23.15	24.00
3GPP Rel 6	HSDPA Subtest-1	22.23	22.22	22.14	23.00
3GPP Rel 6	HSDPA Subtest-2	22.11	22.18	22.12	23.00
3GPP Rel 6	HSDPA Subtest-3	21.62	21.61	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	21.55	21.57	21.46	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	22.06	21.96	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.00	22.03	21.93	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.49	21.49	21.37	22.50
3GPP Rel 6	HSUPA Subtest-1	21.93	21.93	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	20.10	20.20	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.08	21.12	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.07	20.09	20.03	21.00
3GPP Rel 6	HSUPA Subtest-5	22.12	22.15	22.06	23.00

【WCDMA IV_Ant5_DSI5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	15.58	15.63	15.60	16.50
3GPP Rel 99	RMC 12.2Kbps	15.61	15.65	15.64	16.50
3GPP Rel 6	HSDPA Subtest-1	14.61	14.61	14.70	15.50
3GPP Rel 6	HSDPA Subtest-2	14.64	14.70	14.68	15.50
3GPP Rel 6	HSDPA Subtest-3	14.08	14.20	14.10	15.00
3GPP Rel 6	HSDPA Subtest-4	14.14	14.22	14.12	15.00
3GPP Rel 8	DC-HSDPA Subtest-1	14.62	14.67	14.61	15.50
3GPP Rel 8	DC-HSDPA Subtest-2	14.66	14.71	14.67	15.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.07	14.12	14.14	15.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.11	14.19	14.12	15.00
3GPP Rel 6	HSUPA Subtest-1	14.60	14.66	14.70	15.50
3GPP Rel 6	HSUPA Subtest-2	12.61	12.67	12.60	13.50
3GPP Rel 6	HSUPA Subtest-3	13.66	13.65	13.63	14.50
3GPP Rel 6	HSUPA Subtest-4	12.67	12.69	12.66	13.50
3GPP Rel 6	HSUPA Subtest-5	14.62	14.71	14.60	15.50

【WCDMA IV_Ant6_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.43	23.47	23.41	24.50
3GPP Rel 99	RMC 12.2Kbps	23.46	23.52	23.47	24.50
3GPP Rel 6	HSDPA Subtest-1	22.44	22.50	22.33	23.50
3GPP Rel 6	HSDPA Subtest-2	22.37	22.49	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	21.85	21.99	21.86	23.00
3GPP Rel 6	HSDPA Subtest-4	21.74	21.84	21.72	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.31	22.40	22.29	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.16	22.33	22.21	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.92	21.98	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.59	21.77	21.60	23.00
3GPP Rel 6	HSUPA Subtest-1	22.20	22.34	22.18	23.50
3GPP Rel 6	HSUPA Subtest-2	20.46	20.55	20.42	21.50
3GPP Rel 6	HSUPA Subtest-3	21.27	21.46	21.38	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.36	20.28	21.50
3GPP Rel 6	HSUPA Subtest-5	22.31	22.48	22.38	23.50

【WCDMA IV_Ant6_DSI1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.43	23.47	23.41	24.50
3GPP Rel 99	RMC 12.2Kbps	23.46	23.52	23.47	24.50
3GPP Rel 6	HSDPA Subtest-1	22.44	22.50	22.33	23.50
3GPP Rel 6	HSDPA Subtest-2	22.37	22.49	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	21.85	21.99	21.86	23.00
3GPP Rel 6	HSDPA Subtest-4	21.74	21.84	21.72	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.31	22.40	22.29	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.16	22.33	22.21	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.92	21.98	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.59	21.77	21.60	23.00
3GPP Rel 6	HSUPA Subtest-1	22.20	22.34	22.18	23.50
3GPP Rel 6	HSUPA Subtest-2	20.46	20.55	20.42	21.50
3GPP Rel 6	HSUPA Subtest-3	21.27	21.46	21.38	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.36	20.28	21.50
3GPP Rel 6	HSUPA Subtest-5	22.31	22.48	22.38	23.50

【WCDMA IV_Ant6_DSI3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.87	18.96	18.87	20.00
3GPP Rel 99	RMC 12.2Kbps	19.08	19.11	19.05	20.00
3GPP Rel 6	HSDPA Subtest-1	17.91	18.01	17.82	19.00
3GPP Rel 6	HSDPA Subtest-2	17.86	17.97	17.84	19.00
3GPP Rel 6	HSDPA Subtest-3	17.38	17.45	17.35	18.50
3GPP Rel 6	HSDPA Subtest-4	17.20	17.40	17.23	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.80	17.95	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.68	17.77	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.44	17.44	17.39	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.09	17.26	17.12	18.50
3GPP Rel 6	HSUPA Subtest-1	17.64	17.78	17.63	19.00
3GPP Rel 6	HSUPA Subtest-2	15.97	16.09	15.98	17.00
3GPP Rel 6	HSUPA Subtest-3	16.78	16.97	16.84	18.00
3GPP Rel 6	HSUPA Subtest-4	15.68	15.91	15.74	17.00
3GPP Rel 6	HSUPA Subtest-5	17.75	17.96	17.89	19.00

【WCDMA IV_Ant6_DSI4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.87	18.96	18.87	20.00
3GPP Rel 99	RMC 12.2Kbps	19.08	19.11	19.05	20.00
3GPP Rel 6	HSDPA Subtest-1	17.91	18.01	17.82	19.00
3GPP Rel 6	HSDPA Subtest-2	17.86	17.97	17.84	19.00
3GPP Rel 6	HSDPA Subtest-3	17.38	17.45	17.35	18.50
3GPP Rel 6	HSDPA Subtest-4	17.20	17.40	17.23	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.80	17.95	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.68	17.77	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.44	17.44	17.39	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.09	17.26	17.12	18.50
3GPP Rel 6	HSUPA Subtest-1	17.64	17.78	17.63	19.00
3GPP Rel 6	HSUPA Subtest-2	15.97	16.09	15.98	17.00
3GPP Rel 6	HSUPA Subtest-3	16.78	16.97	16.84	18.00
3GPP Rel 6	HSUPA Subtest-4	15.68	15.91	15.74	17.00
3GPP Rel 6	HSUPA Subtest-5	17.75	17.96	17.89	19.00

【WCDMA IV_Ant6_DS15】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.87	18.96	18.87	20.00
3GPP Rel 99	RMC 12.2Kbps	19.08	19.11	19.05	20.00
3GPP Rel 6	HSDPA Subtest-1	17.91	18.01	17.82	19.00
3GPP Rel 6	HSDPA Subtest-2	17.86	17.97	17.84	19.00
3GPP Rel 6	HSDPA Subtest-3	17.38	17.45	17.35	18.50
3GPP Rel 6	HSDPA Subtest-4	17.20	17.40	17.23	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.80	17.95	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.68	17.77	17.77	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.44	17.44	17.39	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.09	17.26	17.12	18.50
3GPP Rel 6	HSUPA Subtest-1	17.64	17.78	17.63	19.00
3GPP Rel 6	HSUPA Subtest-2	15.97	16.09	15.98	17.00
3GPP Rel 6	HSUPA Subtest-3	16.78	16.97	16.84	18.00
3GPP Rel 6	HSUPA Subtest-4	15.68	15.91	15.74	17.00
3GPP Rel 6	HSUPA Subtest-5	17.75	17.96	17.89	19.00

【WCDMA IV_Ant7_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.76	22.80	22.78	24.00
3GPP Rel 99	RMC 12.2Kbps	22.80	22.85	22.83	24.00
3GPP Rel 6	HSDPA Subtest-1	21.78	21.85	21.85	23.00
3GPP Rel 6	HSDPA Subtest-2	21.81	21.80	21.89	23.00
3GPP Rel 6	HSDPA Subtest-3	21.27	21.39	21.27	22.50
3GPP Rel 6	HSDPA Subtest-4	21.27	21.29	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.87	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.81	21.87	21.79	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.26	21.35	21.33	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.33	21.36	21.30	22.50
3GPP Rel 6	HSUPA Subtest-1	21.75	21.81	21.87	23.00
3GPP Rel 6	HSUPA Subtest-2	19.84	19.89	19.81	21.00
3GPP Rel 6	HSUPA Subtest-3	20.81	20.88	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.78	19.91	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.90	21.85	23.00

【WCDMA IV_Ant7_DS11】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.23	17.25	17.31	18.50
3GPP Rel 99	RMC 12.2Kbps	17.27	17.36	17.35	18.50
3GPP Rel 6	HSDPA Subtest-1	16.29	16.32	16.30	17.50
3GPP Rel 6	HSDPA Subtest-2	16.30	16.35	16.38	17.50
3GPP Rel 6	HSDPA Subtest-3	15.81	15.87	15.78	17.00
3GPP Rel 6	HSDPA Subtest-4	15.75	15.76	15.90	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.34	16.36	16.28	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.36	16.33	16.29	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.76	15.83	15.85	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.87	15.90	15.76	17.00
3GPP Rel 6	HSUPA Subtest-1	16.23	16.35	16.37	17.50
3GPP Rel 6	HSUPA Subtest-2	14.38	14.34	14.31	15.50
3GPP Rel 6	HSUPA Subtest-3	15.29	15.43	15.25	16.50
3GPP Rel 6	HSUPA Subtest-4	14.23	14.41	14.26	15.50
3GPP Rel 6	HSUPA Subtest-5	16.35	16.42	16.30	17.50

【WCDMA IV_Ant7_DSI3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.70	17.79	17.72	19.00
3GPP Rel 99	RMC 12.2Kbps	17.74	17.81	17.79	19.00
3GPP Rel 6	HSDPA Subtest-1	16.72	16.80	16.89	18.00
3GPP Rel 6	HSDPA Subtest-2	16.78	16.85	16.88	18.00
3GPP Rel 6	HSDPA Subtest-3	16.24	16.34	16.26	17.50
3GPP Rel 6	HSDPA Subtest-4	16.22	16.33	16.37	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.83	16.88	16.83	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.78	16.89	16.74	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.31	16.33	16.34	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.34	16.32	16.31	17.50
3GPP Rel 6	HSUPA Subtest-1	16.80	16.76	16.83	18.00
3GPP Rel 6	HSUPA Subtest-2	14.90	14.89	14.86	16.00
3GPP Rel 6	HSUPA Subtest-3	15.86	15.89	15.84	17.00
3GPP Rel 6	HSUPA Subtest-4	14.80	14.93	14.75	16.00
3GPP Rel 6	HSUPA Subtest-5	16.74	16.87	16.85	18.00

【WCDMA IV_Ant7_DSI4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.70	17.79	17.72	19.00
3GPP Rel 99	RMC 12.2Kbps	17.74	17.81	17.79	19.00
3GPP Rel 6	HSDPA Subtest-1	16.72	16.80	16.89	18.00
3GPP Rel 6	HSDPA Subtest-2	16.78	16.85	16.88	18.00
3GPP Rel 6	HSDPA Subtest-3	16.24	16.34	16.26	17.50
3GPP Rel 6	HSDPA Subtest-4	16.22	16.33	16.37	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.83	16.88	16.83	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.78	16.89	16.74	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.31	16.33	16.34	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.34	16.32	16.31	17.50
3GPP Rel 6	HSUPA Subtest-1	16.80	16.76	16.83	18.00
3GPP Rel 6	HSUPA Subtest-2	14.90	14.89	14.86	16.00
3GPP Rel 6	HSUPA Subtest-3	15.86	15.89	15.84	17.00
3GPP Rel 6	HSUPA Subtest-4	14.80	14.93	14.75	16.00
3GPP Rel 6	HSUPA Subtest-5	16.74	16.87	16.85	18.00

【WCDMA IV_Ant7_DSI5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.23	17.25	17.31	18.50
3GPP Rel 99	RMC 12.2Kbps	17.27	17.36	17.35	18.50
3GPP Rel 6	HSDPA Subtest-1	16.29	16.32	16.30	17.50
3GPP Rel 6	HSDPA Subtest-2	16.30	16.35	16.38	17.50
3GPP Rel 6	HSDPA Subtest-3	15.81	15.87	15.78	17.00
3GPP Rel 6	HSDPA Subtest-4	15.75	15.76	15.90	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.34	16.36	16.28	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.36	16.33	16.29	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.76	15.83	15.85	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.87	15.90	15.76	17.00
3GPP Rel 6	HSUPA Subtest-1	16.23	16.35	16.37	17.50
3GPP Rel 6	HSUPA Subtest-2	14.38	14.34	14.31	15.50
3GPP Rel 6	HSUPA Subtest-3	15.29	15.43	15.25	16.50
3GPP Rel 6	HSUPA Subtest-4	14.23	14.41	14.26	15.50
3GPP Rel 6	HSUPA Subtest-5	16.35	16.42	16.30	17.50

【WCDMA V_Ant0_Default】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.04	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.17	24.14	25.00
3GPP Rel 6	HSDPA Subtest-1	23.06	23.10	23.06	24.00
3GPP Rel 6	HSDPA Subtest-2	22.90	22.98	22.88	24.00
3GPP Rel 6	HSDPA Subtest-3	22.49	22.58	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.44	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.82	22.89	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.86	22.84	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.34	22.44	22.37	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.39	22.42	22.39	23.50
3GPP Rel 6	HSUPA Subtest-1	22.79	22.86	22.79	24.00
3GPP Rel 6	HSUPA Subtest-2	20.94	21.03	20.97	22.00
3GPP Rel 6	HSUPA Subtest-3	22.04	22.06	22.00	23.00
3GPP Rel 6	HSUPA Subtest-4	20.93	20.99	20.89	22.00
3GPP Rel 6	HSUPA Subtest-5	23.02	23.04	22.99	24.00

【WCDMA V_Ant0_DSI1】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.04	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.17	24.14	25.00
3GPP Rel 6	HSDPA Subtest-1	23.06	23.10	23.06	24.00
3GPP Rel 6	HSDPA Subtest-2	22.90	22.98	22.88	24.00
3GPP Rel 6	HSDPA Subtest-3	22.49	22.58	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.44	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.82	22.89	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.86	22.84	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.34	22.44	22.37	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.39	22.42	22.39	23.50
3GPP Rel 6	HSUPA Subtest-1	22.79	22.86	22.79	24.00
3GPP Rel 6	HSUPA Subtest-2	20.94	21.03	20.97	22.00
3GPP Rel 6	HSUPA Subtest-3	22.04	22.06	22.00	23.00
3GPP Rel 6	HSUPA Subtest-4	20.93	20.99	20.89	22.00
3GPP Rel 6	HSUPA Subtest-5	23.02	23.04	22.99	24.00

【WCDMA V_Ant0_DSI3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.57	23.59	23.53	24.50
3GPP Rel 99	RMC 12.2Kbps	23.62	23.67	23.65	24.50
3GPP Rel 6	HSDPA Subtest-1	22.61	22.64	22.58	23.50
3GPP Rel 6	HSDPA Subtest-2	22.42	22.48	22.42	23.50
3GPP Rel 6	HSDPA Subtest-3	22.01	22.13	21.99	23.00
3GPP Rel 6	HSDPA Subtest-4	21.96	21.93	21.92	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.30	22.43	22.36	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.35	22.34	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.99	21.90	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.93	21.96	21.88	23.00
3GPP Rel 6	HSUPA Subtest-1	22.31	22.41	22.26	23.50
3GPP Rel 6	HSUPA Subtest-2	20.41	20.52	20.52	21.50
3GPP Rel 6	HSUPA Subtest-3	21.51	21.56	21.49	22.50
3GPP Rel 6	HSUPA Subtest-4	20.47	20.48	20.39	21.50
3GPP Rel 6	HSUPA Subtest-5	22.53	22.50	22.54	23.50

【WCDMA V_Ant0_DS14】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.57	23.59	23.53	24.50
3GPP Rel 99	RMC 12.2Kbps	23.62	23.67	23.65	24.50
3GPP Rel 6	HSDPA Subtest-1	22.61	22.64	22.58	23.50
3GPP Rel 6	HSDPA Subtest-2	22.42	22.48	22.42	23.50
3GPP Rel 6	HSDPA Subtest-3	22.01	22.13	21.99	23.00
3GPP Rel 6	HSDPA Subtest-4	21.96	21.93	21.92	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.30	22.43	22.36	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.35	22.34	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.99	21.90	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.93	21.96	21.88	23.00
3GPP Rel 6	HSUPA Subtest-1	22.31	22.41	22.26	23.50
3GPP Rel 6	HSUPA Subtest-2	20.41	20.52	20.52	21.50
3GPP Rel 6	HSUPA Subtest-3	21.51	21.56	21.49	22.50
3GPP Rel 6	HSUPA Subtest-4	20.47	20.48	20.39	21.50
3GPP Rel 6	HSUPA Subtest-5	22.53	22.50	22.54	23.50

【WCDMA V_Ant0_DS15】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.57	23.59	23.53	24.50
3GPP Rel 99	RMC 12.2Kbps	23.62	23.67	23.65	24.50
3GPP Rel 6	HSDPA Subtest-1	22.61	22.64	22.58	23.50
3GPP Rel 6	HSDPA Subtest-2	22.42	22.48	22.42	23.50
3GPP Rel 6	HSDPA Subtest-3	22.01	22.13	21.99	23.00
3GPP Rel 6	HSDPA Subtest-4	21.96	21.93	21.92	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.30	22.43	22.36	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.35	22.34	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.99	21.90	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.93	21.96	21.88	23.00
3GPP Rel 6	HSUPA Subtest-1	22.31	22.41	22.26	23.50
3GPP Rel 6	HSUPA Subtest-2	20.41	20.52	20.52	21.50
3GPP Rel 6	HSUPA Subtest-3	21.51	21.56	21.49	22.50
3GPP Rel 6	HSUPA Subtest-4	20.47	20.48	20.39	21.50
3GPP Rel 6	HSUPA Subtest-5	22.53	22.50	22.54	23.50

【WCDMA V_Ant1_Default】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.13	24.11	25.50
3GPP Rel 99	RMC 12.2Kbps	24.14	24.18	24.11	25.50
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.14	24.50
3GPP Rel 6	HSDPA Subtest-2	22.91	23.05	22.92	24.50
3GPP Rel 6	HSDPA Subtest-3	22.55	22.65	22.51	24.00
3GPP Rel 6	HSDPA Subtest-4	22.39	22.46	22.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.93	23.04	22.90	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.82	22.91	22.78	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.46	22.60	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.32	22.42	22.37	24.00
3GPP Rel 6	HSUPA Subtest-1	22.78	22.87	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	21.03	21.10	20.98	22.50
3GPP Rel 6	HSUPA Subtest-3	22.03	22.11	22.07	23.50
3GPP Rel 6	HSUPA Subtest-4	20.93	21.02	20.93	22.50
3GPP Rel 6	HSUPA Subtest-5	23.06	23.12	22.95	24.50

【WCDMA V_Ant1_DSI1】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.53	18.57	18.52	20.00
3GPP Rel 99	RMC 12.2Kbps	18.61	18.63	18.56	20.00
3GPP Rel 6	HSDPA Subtest-1	17.61	17.67	17.68	19.00
3GPP Rel 6	HSDPA Subtest-2	17.37	17.57	17.40	19.00
3GPP Rel 6	HSDPA Subtest-3	17.00	17.13	17.03	18.50
3GPP Rel 6	HSDPA Subtest-4	16.85	16.96	16.90	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.37	17.59	17.43	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.31	17.40	17.26	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.05	16.98	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.86	16.93	16.85	18.50
3GPP Rel 6	HSUPA Subtest-1	17.25	17.31	17.20	19.00
3GPP Rel 6	HSUPA Subtest-2	15.50	15.63	15.50	17.00
3GPP Rel 6	HSUPA Subtest-3	16.55	16.66	16.55	18.00
3GPP Rel 6	HSUPA Subtest-4	15.45	15.55	15.44	17.00
3GPP Rel 6	HSUPA Subtest-5	17.52	17.58	17.41	19.00

【WCDMA V_Ant1_DSI3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.53	18.57	18.52	20.00
3GPP Rel 99	RMC 12.2Kbps	18.61	18.63	18.56	20.00
3GPP Rel 6	HSDPA Subtest-1	17.61	17.67	17.68	19.00
3GPP Rel 6	HSDPA Subtest-2	17.37	17.57	17.40	19.00
3GPP Rel 6	HSDPA Subtest-3	17.00	17.13	17.03	18.50
3GPP Rel 6	HSDPA Subtest-4	16.85	16.96	16.90	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.37	17.59	17.43	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.31	17.40	17.26	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.05	16.98	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.86	16.93	16.85	18.50
3GPP Rel 6	HSUPA Subtest-1	17.25	17.31	17.20	19.00
3GPP Rel 6	HSUPA Subtest-2	15.50	15.63	15.50	17.00
3GPP Rel 6	HSUPA Subtest-3	16.55	16.66	16.55	18.00
3GPP Rel 6	HSUPA Subtest-4	15.45	15.55	15.44	17.00
3GPP Rel 6	HSUPA Subtest-5	17.52	17.58	17.41	19.00

【WCDMA V_Ant1_DSI4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.13	24.11	25.50
3GPP Rel 99	RMC 12.2Kbps	24.14	24.18	24.11	25.50
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.14	24.50
3GPP Rel 6	HSDPA Subtest-2	22.91	23.05	22.92	24.50
3GPP Rel 6	HSDPA Subtest-3	22.55	22.65	22.51	24.00
3GPP Rel 6	HSDPA Subtest-4	22.39	22.46	22.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.93	23.04	22.90	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.82	22.91	22.78	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.46	22.60	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.32	22.42	22.37	24.00
3GPP Rel 6	HSUPA Subtest-1	22.78	22.87	22.72	24.50
3GPP Rel 6	HSUPA Subtest-2	21.03	21.10	20.98	22.50
3GPP Rel 6	HSUPA Subtest-3	22.03	22.11	22.07	23.50
3GPP Rel 6	HSUPA Subtest-4	20.93	21.02	20.93	22.50
3GPP Rel 6	HSUPA Subtest-5	23.06	23.12	22.95	24.50

【WCDMA V_Ant1_DSI5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.53	18.57	18.52	20.00
3GPP Rel 99	RMC 12.2Kbps	18.61	18.63	18.56	20.00
3GPP Rel 6	HSDPA Subtest-1	17.61	17.67	17.68	19.00
3GPP Rel 6	HSDPA Subtest-2	17.37	17.57	17.40	19.00
3GPP Rel 6	HSDPA Subtest-3	17.00	17.13	17.03	18.50
3GPP Rel 6	HSDPA Subtest-4	16.85	16.96	16.90	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.37	17.59	17.43	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.31	17.40	17.26	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.05	16.98	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.86	16.93	16.85	18.50
3GPP Rel 6	HSUPA Subtest-1	17.25	17.31	17.20	19.00
3GPP Rel 6	HSUPA Subtest-2	15.50	15.63	15.50	17.00
3GPP Rel 6	HSUPA Subtest-3	16.55	16.66	16.55	18.00
3GPP Rel 6	HSUPA Subtest-4	15.45	15.55	15.44	17.00
3GPP Rel 6	HSUPA Subtest-5	17.52	17.58	17.41	19.00

<LTE Conducted Power>

【LTE Band 2_Ant4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.38	24.45	24.41	25.50
20	QPSK	1	49	24.21	24.29	24.23	25.50
20	QPSK	1	99	24.10	24.27	24.11	25.50
20	QPSK	50	0	23.32	23.39	23.35	24.50
20	QPSK	50	24	23.14	23.31	23.25	24.50
20	QPSK	50	50	23.10	23.25	23.09	24.50
20	QPSK	100	0	23.24	23.35	23.17	24.50
20	16QAM	1	0	22.96	23.11	23.05	24.50
20	16QAM	1	49	23.08	23.20	23.15	24.50
20	16QAM	1	99	23.10	23.23	23.11	24.50
20	16QAM	50	0	21.98	22.17	21.99	23.50
20	16QAM	50	24	21.97	22.15	22.04	23.50
20	16QAM	50	50	22.12	22.21	22.08	23.50
20	16QAM	100	0	22.10	22.22	22.10	23.50
20	64QAM	1	0	21.98	22.16	22.04	23.50
20	64QAM	1	49	21.99	22.08	21.94	23.50
20	64QAM	1	99	21.99	22.08	21.99	23.50
20	64QAM	50	0	20.95	21.13	21.04	22.50
20	64QAM	50	24	20.99	21.12	21.04	22.50
20	64QAM	50	50	21.01	21.14	21.03	22.50
20	64QAM	100	0	21.07	21.20	21.03	22.50
20	256QAM	1	0	19.01	19.09	18.98	20.50
20	256QAM	1	49	19.13	19.21	19.06	20.50
20	256QAM	1	99	18.86	19.05	18.88	20.50
20	256QAM	50	0	18.97	19.09	18.95	20.50
20	256QAM	50	24	18.93	19.13	19.03	20.50
20	256QAM	50	50	19.03	19.12	19.04	20.50
20	256QAM	100	0	18.92	19.01	18.83	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.25	24.31	24.38	25.50
15	QPSK	1	37	24.18	24.24	24.14	25.50
15	QPSK	1	74	23.99	24.16	23.97	25.50
15	QPSK	36	0	23.24	23.35	23.20	24.50
15	QPSK	36	20	23.09	23.22	23.18	24.50
15	QPSK	36	39	23.05	23.13	22.98	24.50
15	QPSK	75	0	23.19	23.32	23.03	24.50
15	16QAM	1	0	22.88	23.05	22.98	24.50
15	16QAM	1	37	22.95	23.11	23.01	24.50
15	16QAM	1	74	22.99	23.10	23.09	24.50
15	16QAM	36	0	21.85	22.15	21.95	23.50
15	16QAM	36	20	21.90	22.04	21.89	23.50
15	16QAM	36	39	22.02	22.12	22.04	23.50
15	16QAM	75	0	22.04	22.18	22.07	23.50
15	64QAM	1	0	21.93	22.04	21.98	23.50
15	64QAM	1	37	21.94	22.04	21.82	23.50
15	64QAM	1	74	21.97	21.98	21.90	23.50
15	64QAM	36	0	20.87	21.02	21.03	22.50
15	64QAM	36	20	20.94	21.07	20.96	22.50
15	64QAM	36	39	20.91	21.10	20.98	22.50
15	64QAM	75	0	20.96	21.16	21.00	22.50
15	256QAM	1	0	18.89	19.00	18.96	20.50
15	256QAM	1	37	19.02	19.08	18.92	20.50
15	256QAM	1	74	18.76	18.91	18.85	20.50
15	256QAM	36	0	18.95	18.99	18.81	20.50
15	256QAM	36	20	18.87	19.12	18.91	20.50
15	256QAM	36	39	18.90	18.99	19.02	20.50
15	256QAM	75	0	18.86	18.92	18.73	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.33	24.37	24.33	25.50
10	QPSK	1	25	24.09	24.24	24.08	25.50
10	QPSK	1	49	23.95	24.22	24.01	25.50
10	QPSK	25	0	23.25	23.28	23.16	24.50
10	QPSK	25	12	23.07	23.28	23.15	24.50

10	QPSK	25	25	22.97	23.12	22.98	24.50
10	QPSK	50	0	23.17	23.31	23.12	24.50
10	16QAM	1	0	22.95	23.04	23.04	24.50
10	16QAM	1	25	22.98	23.19	23.13	24.50
10	16QAM	1	49	22.99	23.13	23.01	24.50
10	16QAM	25	0	21.86	22.05	21.89	23.50
10	16QAM	25	12	21.88	22.05	22.00	23.50
10	16QAM	25	25	22.02	22.14	21.99	23.50
10	16QAM	50	0	22.05	22.14	21.95	23.50
10	64QAM	1	0	21.88	22.10	21.98	23.50
10	64QAM	1	25	21.87	21.98	21.91	23.50
10	64QAM	1	49	21.91	22.04	21.85	23.50
10	64QAM	25	0	20.81	21.09	20.98	22.50
10	64QAM	25	12	20.85	20.99	20.89	22.50
10	64QAM	25	25	20.93	21.07	20.98	22.50
10	64QAM	50	0	21.00	21.07	21.00	22.50
10	256QAM	1	0	18.94	19.02	18.92	20.50
10	256QAM	1	25	19.02	19.12	18.99	20.50
10	256QAM	1	49	18.78	18.96	18.87	20.50
10	256QAM	25	0	18.86	19.04	18.92	20.50
10	256QAM	25	12	18.90	19.07	18.96	20.50
10	256QAM	25	25	18.91	19.02	18.98	20.50
10	256QAM	50	0	18.88	18.96	18.76	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.24	24.36	24.27	25.50
5	QPSK	1	12	24.16	24.26	24.10	25.50
5	QPSK	1	24	24.06	24.19	24.07	25.50
5	QPSK	12	0	23.23	23.29	23.20	24.50
5	QPSK	12	7	23.09	23.20	23.10	24.50
5	QPSK	12	13	23.05	23.17	23.06	24.50
5	QPSK	25	0	23.09	23.32	23.06	24.50
5	16QAM	1	0	22.84	23.08	22.98	24.50
5	16QAM	1	12	22.99	23.13	23.10	24.50
5	16QAM	1	24	23.07	23.13	23.08	24.50
5	16QAM	12	0	21.90	22.10	21.94	23.50
5	16QAM	12	7	21.91	22.01	22.00	23.50
5	16QAM	12	13	21.99	22.14	21.95	23.50
5	16QAM	25	0	21.99	22.08	22.08	23.50
5	64QAM	1	0	21.93	22.06	21.96	23.50
5	64QAM	1	12	21.93	22.06	21.83	23.50
5	64QAM	1	24	21.88	22.07	21.96	23.50
5	64QAM	12	0	20.80	20.98	20.94	22.50
5	64QAM	12	7	20.85	21.06	20.91	22.50
5	64QAM	12	13	20.97	21.04	20.94	22.50
5	64QAM	25	0	21.00	21.18	21.01	22.50
5	256QAM	1	0	18.99	19.07	18.87	20.50
5	256QAM	1	12	19.12	19.11	18.96	20.50
5	256QAM	1	24	18.81	19.00	18.76	20.50
5	256QAM	12	0	18.88	18.98	18.93	20.50
5	256QAM	12	7	18.89	19.10	18.89	20.50
5	256QAM	12	13	18.98	19.03	18.89	20.50
5	256QAM	25	0	18.84	18.92	18.70	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.27	24.43	24.38	25.50
3	QPSK	1	8	24.09	24.18	24.17	25.50
3	QPSK	1	14	24.00	24.17	23.98	25.50
3	QPSK	8	0	23.15	23.26	23.15	24.50
3	QPSK	8	4	23.09	23.23	23.18	24.50
3	QPSK	8	7	22.98	23.13	23.02	24.50
3	QPSK	15	0	23.19	23.30	23.08	24.50
3	16QAM	1	0	22.89	23.09	22.99	24.50
3	16QAM	1	8	23.03	23.09	23.12	24.50
3	16QAM	1	14	23.07	23.17	23.08	24.50
3	16QAM	8	0	21.89	22.13	21.89	23.50
3	16QAM	8	4	21.93	22.08	21.93	23.50
3	16QAM	8	7	22.05	22.16	22.00	23.50
3	16QAM	15	0	22.04	22.09	22.08	23.50
3	64QAM	1	0	21.85	22.15	21.90	23.50
3	64QAM	1	8	21.94	22.05	21.86	23.50
3	64QAM	1	14	21.93	22.01	21.91	23.50
3	64QAM	8	0	20.94	21.06	20.91	22.50
3	64QAM	8	4	20.93	21.09	20.93	22.50

3	64QAM	8	7	20.96	21.12	20.96	22.50
3	64QAM	15	0	20.98	21.14	21.02	22.50
3	256QAM	1	0	18.89	18.95	18.90	20.50
3	256QAM	1	8	19.08	19.08	18.93	20.50
3	256QAM	1	14	18.84	18.99	18.77	20.50
3	256QAM	8	0	18.93	19.05	18.86	20.50
3	256QAM	8	4	18.88	19.03	18.96	20.50
3	256QAM	8	7	18.99	19.03	19.02	20.50
3	256QAM	15	0	18.85	18.86	18.68	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.28	24.37	24.38	25.50
1.4	QPSK	1	3	24.08	24.24	24.22	25.50
1.4	QPSK	1	5	24.06	24.15	23.97	25.50
1.4	QPSK	3	0	24.22	24.26	24.17	25.50
1.4	QPSK	3	1	24.04	24.22	24.22	25.50
1.4	QPSK	3	3	24.02	24.19	24.00	25.50
1.4	QPSK	6	0	23.09	23.32	23.04	24.50
1.4	16QAM	1	0	22.82	23.09	23.03	24.50
1.4	16QAM	1	3	23.01	23.13	23.04	24.50
1.4	16QAM	1	5	22.99	23.21	23.01	24.50
1.4	16QAM	3	0	22.96	23.07	22.84	24.50
1.4	16QAM	3	1	22.83	23.10	23.00	24.50
1.4	16QAM	3	3	23.00	23.12	23.04	24.50
1.4	16QAM	6	0	21.97	22.18	21.99	23.50
1.4	64QAM	1	0	21.91	22.14	21.91	23.50
1.4	64QAM	1	3	21.97	22.07	21.89	23.50
1.4	64QAM	1	5	21.90	22.05	21.92	23.50
1.4	64QAM	3	0	21.93	22.02	22.01	23.50
1.4	64QAM	3	1	21.87	22.04	21.92	23.50
1.4	64QAM	3	3	21.93	22.06	21.93	23.50
1.4	64QAM	6	0	21.03	21.06	20.99	22.50
1.4	256QAM	1	0	18.93	19.07	18.92	20.50
1.4	256QAM	1	3	18.98	19.15	19.01	20.50
1.4	256QAM	1	5	18.72	18.94	18.75	20.50
1.4	256QAM	3	0	18.88	19.07	18.81	20.50
1.4	256QAM	3	1	18.78	19.00	18.92	20.50
1.4	256QAM	3	3	18.95	18.99	18.92	20.50
1.4	256QAM	6	0	18.78	18.92	18.70	20.50

【LTE Band 2_Ant4_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.43	17.45	17.42	18.50
20	QPSK	1	49	17.32	17.29	17.30	18.50
20	QPSK	1	99	17.29	17.40	17.28	18.50
20	QPSK	50	0	17.36	17.43	17.40	18.50
20	QPSK	50	24	17.24	17.36	17.25	18.50
20	QPSK	50	50	17.27	17.36	17.34	18.50
20	QPSK	100	0	17.25	17.37	17.33	18.50
20	16QAM	1	0	17.27	17.39	17.37	18.50
20	16QAM	1	49	17.33	17.39	17.29	18.50
20	16QAM	1	99	17.28	17.37	17.30	18.50
20	16QAM	50	0	17.25	17.39	17.37	18.50
20	16QAM	50	24	17.27	17.41	17.27	18.50
20	16QAM	50	50	17.24	17.32	17.32	18.50
20	16QAM	100	0	17.27	17.31	17.27	18.50
20	64QAM	1	0	17.32	17.31	17.28	18.50
20	64QAM	1	49	17.29	17.41	17.37	18.50
20	64QAM	1	99	17.32	17.31	17.36	18.50
20	64QAM	50	0	17.32	17.39	17.35	18.50
20	64QAM	50	24	17.28	17.29	17.33	18.50
20	64QAM	50	50	17.34	17.30	17.26	18.50
20	64QAM	100	0	17.33	17.36	17.33	18.50
20	256QAM	1	0	17.27	17.34	17.37	18.50
20	256QAM	1	49	17.23	17.34	17.36	18.50
20	256QAM	1	99	17.33	17.37	17.32	18.50

20	256QAM	50	0	17.33	17.37	17.33	18.50
20	256QAM	50	24	17.37	17.41	17.46	18.50
20	256QAM	50	50	17.35	17.43	17.37	18.50
20	256QAM	100	0	17.33	17.46	17.44	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.36	17.31	17.37	18.50
15	QPSK	1	37	17.28	17.15	17.16	18.50
15	QPSK	1	74	17.19	17.37	17.26	18.50
15	QPSK	36	0	17.30	17.42	17.27	18.50
15	QPSK	36	20	17.18	17.25	17.22	18.50
15	QPSK	36	39	17.24	17.22	17.25	18.50
15	QPSK	75	0	17.16	17.28	17.29	18.50
15	16QAM	1	0	17.23	17.36	17.24	18.50
15	16QAM	1	37	17.30	17.29	17.22	18.50
15	16QAM	1	74	17.21	17.25	17.18	18.50
15	16QAM	36	0	17.17	17.31	17.27	18.50
15	16QAM	36	20	17.13	17.29	17.25	18.50
15	16QAM	36	39	17.21	17.19	17.30	18.50
15	16QAM	75	0	17.18	17.29	17.15	18.50
15	64QAM	1	0	17.26	17.20	17.15	18.50
15	64QAM	1	37	17.23	17.37	17.33	18.50
15	64QAM	1	74	17.21	17.22	17.25	18.50
15	64QAM	36	0	17.20	17.29	17.27	18.50
15	64QAM	36	20	17.16	17.15	17.21	18.50
15	64QAM	36	39	17.29	17.22	17.23	18.50
15	64QAM	75	0	17.25	17.27	17.28	18.50
15	256QAM	1	0	17.15	17.31	17.32	18.50
15	256QAM	1	37	17.18	17.30	17.26	18.50
15	256QAM	1	74	17.27	17.26	17.22	18.50
15	256QAM	36	0	17.28	17.30	17.18	18.50
15	256QAM	36	20	17.26	17.37	17.43	18.50
15	256QAM	36	39	17.28	17.29	17.32	18.50
15	256QAM	75	0	17.26	17.44	17.42	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.38	17.44	17.32	18.50
10	QPSK	1	25	17.27	17.22	17.17	18.50
10	QPSK	1	49	17.19	17.30	17.21	18.50
10	QPSK	25	0	17.33	17.40	17.27	18.50
10	QPSK	25	12	17.17	17.27	17.21	18.50
10	QPSK	25	25	17.22	17.31	17.21	18.50
10	QPSK	50	0	17.17	17.30	17.22	18.50
10	16QAM	1	0	17.23	17.27	17.30	18.50
10	16QAM	1	25	17.24	17.26	17.26	18.50
10	16QAM	1	49	17.25	17.26	17.21	18.50
10	16QAM	25	0	17.19	17.27	17.24	18.50
10	16QAM	25	12	17.18	17.38	17.17	18.50
10	16QAM	25	25	17.13	17.23	17.23	18.50
10	16QAM	50	0	17.20	17.23	17.16	18.50
10	64QAM	1	0	17.28	17.22	17.16	18.50
10	64QAM	1	25	17.27	17.34	17.36	18.50
10	64QAM	1	49	17.26	17.22	17.34	18.50
10	64QAM	25	0	17.27	17.30	17.29	18.50
10	64QAM	25	12	17.21	17.14	17.30	18.50
10	64QAM	25	25	17.26	17.21	17.21	18.50
10	64QAM	50	0	17.20	17.26	17.28	18.50
10	256QAM	1	0	17.18	17.29	17.28	18.50
10	256QAM	1	25	17.08	17.23	17.30	18.50
10	256QAM	1	49	17.27	17.24	17.29	18.50
10	256QAM	25	0	17.24	17.28	17.25	18.50
10	256QAM	25	12	17.23	17.37	17.32	18.50
10	256QAM	25	25	17.23	17.29	17.29	18.50
10	256QAM	50	0	17.19	17.43	17.40	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.35	17.32	17.31	18.50
5	QPSK	1	12	17.28	17.22	17.18	18.50
5	QPSK	1	24	17.27	17.28	17.22	18.50
5	QPSK	12	0	17.27	17.31	17.39	18.50
5	QPSK	12	7	17.19	17.29	17.21	18.50
5	QPSK	12	13	17.19	17.25	17.28	18.50
5	QPSK	25	0	17.11	17.26	17.20	18.50
5	16QAM	1	0	17.17	17.29	17.22	18.50

5	16QAM	1	12	17.20	17.38	17.20	18.50
5	16QAM	1	24	17.16	17.30	17.19	18.50
5	16QAM	12	0	17.13	17.33	17.23	18.50
5	16QAM	12	7	17.19	17.36	17.13	18.50
5	16QAM	12	13	17.16	17.20	17.18	18.50
5	16QAM	25	0	17.21	17.22	17.17	18.50
5	64QAM	1	0	17.21	17.24	17.13	18.50
5	64QAM	1	12	17.19	17.35	17.24	18.50
5	64QAM	1	24	17.30	17.26	17.25	18.50
5	64QAM	12	0	17.21	17.35	17.25	18.50
5	64QAM	12	7	17.24	17.24	17.26	18.50
5	64QAM	12	13	17.25	17.22	17.25	18.50
5	64QAM	25	0	17.24	17.29	17.28	18.50
5	256QAM	1	0	17.16	17.24	17.22	18.50
5	256QAM	1	12	17.08	17.23	17.25	18.50
5	256QAM	1	24	17.27	17.24	17.17	18.50
5	256QAM	12	0	17.23	17.31	17.25	18.50
5	256QAM	12	7	17.30	17.39	17.38	18.50
5	256QAM	12	13	17.26	17.32	17.34	18.50
5	256QAM	25	0	17.30	17.42	17.31	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.31	17.34	17.29	18.50
3	QPSK	1	8	17.29	17.28	17.15	18.50
3	QPSK	1	14	17.27	17.26	17.24	18.50
3	QPSK	8	0	17.22	17.29	17.32	18.50
3	QPSK	8	4	17.10	17.28	17.19	18.50
3	QPSK	8	7	17.20	17.33	17.23	18.50
3	QPSK	15	0	17.12	17.33	17.29	18.50
3	16QAM	1	0	17.12	17.25	17.30	18.50
3	16QAM	1	8	17.30	17.31	17.28	18.50
3	16QAM	1	14	17.25	17.27	17.19	18.50
3	16QAM	8	0	17.17	17.38	17.30	18.50
3	16QAM	8	4	17.22	17.26	17.21	18.50
3	16QAM	8	7	17.16	17.17	17.25	18.50
3	16QAM	15	0	17.26	17.17	17.26	18.50
3	64QAM	1	0	17.26	17.18	17.26	18.50
3	64QAM	1	8	17.18	17.37	17.36	18.50
3	64QAM	1	14	17.24	17.16	17.26	18.50
3	64QAM	8	0	17.26	17.32	17.21	18.50
3	64QAM	8	4	17.18	17.16	17.31	18.50
3	64QAM	8	7	17.28	17.21	17.17	18.50
3	64QAM	15	0	17.26	17.35	17.28	18.50
3	256QAM	1	0	17.17	17.25	17.24	18.50
3	256QAM	1	8	17.12	17.31	17.27	18.50
3	256QAM	1	14	17.26	17.23	17.19	18.50
3	256QAM	8	0	17.20	17.29	17.29	18.50
3	256QAM	8	4	17.25	17.31	17.38	18.50
3	256QAM	8	7	17.21	17.37	17.22	18.50
3	256QAM	15	0	17.25	17.39	17.32	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.29	17.39	17.36	18.50
1.4	QPSK	1	3	17.29	17.19	17.25	18.50
1.4	QPSK	1	5	17.20	17.39	17.22	18.50
1.4	QPSK	3	0	17.30	17.42	17.35	18.50
1.4	QPSK	3	1	17.18	17.28	17.16	18.50
1.4	QPSK	3	3	17.25	17.29	17.29	18.50
1.4	QPSK	6	0	17.22	17.24	17.24	18.50
1.4	16QAM	1	0	17.20	17.35	17.28	18.50
1.4	16QAM	1	3	17.30	17.26	17.27	18.50
1.4	16QAM	1	5	17.23	17.28	17.28	18.50
1.4	16QAM	3	0	17.16	17.34	17.24	18.50
1.4	16QAM	3	1	17.18	17.32	17.15	18.50
1.4	16QAM	3	3	17.15	17.28	17.29	18.50
1.4	16QAM	6	0	17.20	17.26	17.24	18.50
1.4	64QAM	1	0	17.23	17.19	17.15	18.50
1.4	64QAM	1	3	17.24	17.33	17.33	18.50
1.4	64QAM	1	5	17.26	17.19	17.32	18.50
1.4	64QAM	3	0	17.27	17.25	17.26	18.50
1.4	64QAM	3	1	17.22	17.20	17.25	18.50
1.4	64QAM	3	3	17.32	17.27	17.13	18.50
1.4	64QAM	6	0	17.28	17.33	17.30	18.50
1.4	256QAM	1	0	17.21	17.20	17.30	18.50

1.4	256QAM	1	3	17.12	17.29	17.23	18.50
1.4	256QAM	1	5	17.19	17.34	17.28	18.50
1.4	256QAM	3	0	17.23	17.26	17.26	18.50
1.4	256QAM	3	1	17.27	17.34	17.35	18.50
1.4	256QAM	3	3	17.32	17.39	17.34	18.50
1.4	256QAM	6	0	17.24	17.44	17.40	18.50

【LTE Band 2_Ant4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.39	18.47	18.43	19.50
20	QPSK	1	49	18.24	18.30	18.36	19.50
20	QPSK	1	99	18.23	18.31	18.35	19.50
20	QPSK	50	0	18.38	18.41	18.32	19.50
20	QPSK	50	24	18.27	18.34	18.31	19.50
20	QPSK	50	50	18.31	18.36	18.25	19.50
20	QPSK	100	0	18.32	18.41	18.30	19.50
20	16QAM	1	0	18.33	18.41	18.32	19.50
20	16QAM	1	49	18.26	18.40	18.29	19.50
20	16QAM	1	99	18.23	18.35	18.35	19.50
20	16QAM	50	0	18.28	18.32	18.31	19.50
20	16QAM	50	24	18.30	18.34	18.31	19.50
20	16QAM	50	50	18.33	18.40	18.35	19.50
20	16QAM	100	0	18.33	18.41	18.28	19.50
20	64QAM	1	0	18.32	18.31	18.30	19.50
20	64QAM	1	49	18.30	18.31	18.35	19.50
20	64QAM	1	99	18.26	18.36	18.26	19.50
20	64QAM	50	0	18.28	18.39	18.34	19.50
20	64QAM	50	24	18.25	18.37	18.33	19.50
20	64QAM	50	50	18.24	18.32	18.33	19.50
20	64QAM	100	0	18.25	18.39	18.32	19.50
20	256QAM	1	0	18.24	18.31	18.27	19.50
20	256QAM	1	49	18.28	18.33	18.26	19.50
20	256QAM	1	99	18.30	18.40	18.31	19.50
20	256QAM	50	0	18.34	18.33	18.33	19.50
20	256QAM	50	24	18.36	18.44	18.44	19.50
20	256QAM	50	50	18.32	18.50	18.46	19.50
20	256QAM	100	0	18.36	18.41	18.38	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.36	18.42	18.37	19.50
15	QPSK	1	37	18.22	18.27	18.32	19.50
15	QPSK	1	74	18.21	18.19	18.21	19.50
15	QPSK	36	0	18.22	18.33	18.26	19.50
15	QPSK	36	20	18.15	18.32	18.28	19.50
15	QPSK	36	39	18.20	18.31	18.23	19.50
15	QPSK	75	0	18.28	18.35	18.24	19.50
15	16QAM	1	0	18.24	18.27	18.24	19.50
15	16QAM	1	37	18.22	18.33	18.22	19.50
15	16QAM	1	74	18.13	18.23	18.27	19.50
15	16QAM	36	0	18.25	18.23	18.29	19.50
15	16QAM	36	20	18.26	18.20	18.24	19.50
15	16QAM	36	39	18.30	18.26	18.26	19.50
15	16QAM	75	0	18.27	18.39	18.25	19.50
15	64QAM	1	0	18.24	18.23	18.17	19.50
15	64QAM	1	37	18.22	18.24	18.26	19.50
15	64QAM	1	74	18.17	18.30	18.24	19.50
15	64QAM	36	0	18.24	18.35	18.26	19.50
15	64QAM	36	20	18.14	18.26	18.22	19.50
15	64QAM	36	39	18.21	18.19	18.22	19.50
15	64QAM	75	0	18.22	18.27	18.27	19.50
15	256QAM	1	0	18.12	18.22	18.22	19.50
15	256QAM	1	37	18.27	18.30	18.18	19.50
15	256QAM	1	74	18.18	18.30	18.28	19.50
15	256QAM	36	0	18.22	18.20	18.23	19.50
15	256QAM	36	20	18.22	18.38	18.41	19.50
15	256QAM	36	39	18.27	18.42	18.38	19.50

15	256QAM	75	0	18.24	18.38	18.27	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.36	18.45	18.28	19.50
10	QPSK	1	25	18.21	18.18	18.34	19.50
10	QPSK	1	49	18.22	18.19	18.33	19.50
10	QPSK	25	0	18.16	18.36	18.27	19.50
10	QPSK	25	12	18.12	18.22	18.29	19.50
10	QPSK	25	25	18.25	18.26	18.19	19.50
10	QPSK	50	0	18.19	18.38	18.25	19.50
10	16QAM	1	0	18.18	18.28	18.20	19.50
10	16QAM	1	25	18.23	18.25	18.21	19.50
10	16QAM	1	49	18.10	18.26	18.34	19.50
10	16QAM	25	0	18.19	18.20	18.22	19.50
10	16QAM	25	12	18.26	18.28	18.21	19.50
10	16QAM	25	25	18.27	18.37	18.21	19.50
10	16QAM	50	0	18.32	18.39	18.23	19.50
10	64QAM	1	0	18.25	18.17	18.25	19.50
10	64QAM	1	25	18.18	18.20	18.22	19.50
10	64QAM	1	49	18.23	18.26	18.18	19.50
10	64QAM	25	0	18.26	18.24	18.25	19.50
10	64QAM	25	12	18.19	18.36	18.21	19.50
10	64QAM	25	25	18.09	18.22	18.28	19.50
10	64QAM	50	0	18.20	18.37	18.20	19.50
10	256QAM	1	0	18.12	18.24	18.18	19.50
10	256QAM	1	25	18.14	18.26	18.16	19.50
10	256QAM	1	49	18.21	18.38	18.27	19.50
10	256QAM	25	0	18.32	18.31	18.19	19.50
10	256QAM	25	12	18.31	18.39	18.43	19.50
10	256QAM	25	25	18.28	18.37	18.31	19.50
10	256QAM	50	0	18.24	18.32	18.32	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.24	18.42	18.38	19.50
5	QPSK	1	12	18.22	18.19	18.32	19.50
5	QPSK	1	24	18.11	18.25	18.21	19.50
5	QPSK	12	0	18.25	18.28	18.21	19.50
5	QPSK	12	7	18.26	18.29	18.26	19.50
5	QPSK	12	13	18.19	18.22	18.23	19.50
5	QPSK	25	0	18.23	18.31	18.18	19.50
5	16QAM	1	0	18.19	18.33	18.28	19.50
5	16QAM	1	12	18.17	18.29	18.21	19.50
5	16QAM	1	24	18.12	18.23	18.28	19.50
5	16QAM	12	0	18.13	18.19	18.19	19.50
5	16QAM	12	7	18.17	18.32	18.23	19.50
5	16QAM	12	13	18.24	18.31	18.24	19.50
5	16QAM	25	0	18.29	18.30	18.23	19.50
5	64QAM	1	0	18.23	18.22	18.17	19.50
5	64QAM	1	12	18.17	18.30	18.25	19.50
5	64QAM	1	24	18.21	18.30	18.17	19.50
5	64QAM	12	0	18.18	18.25	18.20	19.50
5	64QAM	12	7	18.17	18.32	18.31	19.50
5	64QAM	12	13	18.14	18.31	18.30	19.50
5	64QAM	25	0	18.20	18.38	18.30	19.50
5	256QAM	1	0	18.11	18.21	18.21	19.50
5	256QAM	1	12	18.14	18.21	18.22	19.50
5	256QAM	1	24	18.17	18.32	18.20	19.50
5	256QAM	12	0	18.29	18.20	18.20	19.50
5	256QAM	12	7	18.29	18.40	18.36	19.50
5	256QAM	12	13	18.25	18.40	18.45	19.50
5	256QAM	25	0	18.25	18.34	18.25	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.27	18.45	18.33	19.50
3	QPSK	1	8	18.23	18.15	18.30	19.50
3	QPSK	1	14	18.19	18.27	18.32	19.50
3	QPSK	8	0	18.26	18.32	18.28	19.50
3	QPSK	8	4	18.17	18.25	18.25	19.50
3	QPSK	8	7	18.25	18.27	18.22	19.50
3	QPSK	15	0	18.22	18.36	18.24	19.50
3	16QAM	1	0	18.19	18.39	18.20	19.50
3	16QAM	1	8	18.20	18.30	18.22	19.50
3	16QAM	1	14	18.09	18.24	18.24	19.50
3	16QAM	8	0	18.16	18.21	18.22	19.50

3	16QAM	8	4	18.19	18.31	18.19	19.50
3	16QAM	8	7	18.24	18.29	18.27	19.50
3	16QAM	15	0	18.21	18.26	18.22	19.50
3	64QAM	1	0	18.22	18.24	18.26	19.50
3	64QAM	1	8	18.16	18.24	18.21	19.50
3	64QAM	1	14	18.17	18.31	18.25	19.50
3	64QAM	8	0	18.19	18.36	18.21	19.50
3	64QAM	8	4	18.13	18.32	18.28	19.50
3	64QAM	8	7	18.17	18.23	18.32	19.50
3	64QAM	15	0	18.21	18.27	18.18	19.50
3	256QAM	1	0	18.16	18.21	18.22	19.50
3	256QAM	1	8	18.18	18.31	18.20	19.50
3	256QAM	1	14	18.17	18.31	18.22	19.50
3	256QAM	8	0	18.19	18.27	18.19	19.50
3	256QAM	8	4	18.22	18.36	18.34	19.50
3	256QAM	8	7	18.31	18.46	18.44	19.50
3	256QAM	15	0	18.27	18.31	18.28	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.36	18.39	18.31	19.50
1.4	QPSK	1	3	18.12	18.18	18.34	19.50
1.4	QPSK	1	5	18.20	18.25	18.26	19.50
1.4	QPSK	3	0	18.18	18.32	18.20	19.50
1.4	QPSK	3	1	18.21	18.25	18.28	19.50
1.4	QPSK	3	3	18.25	18.32	18.19	19.50
1.4	QPSK	6	0	18.28	18.29	18.28	19.50
1.4	16QAM	1	0	18.24	18.30	18.22	19.50
1.4	16QAM	1	3	18.13	18.28	18.22	19.50
1.4	16QAM	1	5	18.10	18.31	18.29	19.50
1.4	16QAM	3	0	18.14	18.26	18.20	19.50
1.4	16QAM	3	1	18.24	18.21	18.17	19.50
1.4	16QAM	3	3	18.28	18.37	18.30	19.50
1.4	16QAM	6	0	18.27	18.29	18.20	19.50
1.4	64QAM	1	0	18.20	18.17	18.21	19.50
1.4	64QAM	1	3	18.23	18.25	18.34	19.50
1.4	64QAM	1	5	18.19	18.22	18.11	19.50
1.4	64QAM	3	0	18.18	18.32	18.21	19.50
1.4	64QAM	3	1	18.22	18.33	18.31	19.50
1.4	64QAM	3	3	18.22	18.22	18.21	19.50
1.4	64QAM	6	0	18.12	18.31	18.27	19.50
1.4	256QAM	1	0	18.11	18.20	18.25	19.50
1.4	256QAM	1	3	18.19	18.31	18.18	19.50
1.4	256QAM	1	5	18.29	18.29	18.29	19.50
1.4	256QAM	3	0	18.25	18.18	18.19	19.50
1.4	256QAM	3	1	18.27	18.31	18.40	19.50
1.4	256QAM	3	3	18.26	18.44	18.40	19.50
1.4	256QAM	6	0	18.25	18.34	18.36	19.50

【LTE Band 2_Ant4_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.38	24.45	24.41	25.50
20	QPSK	1	49	24.21	24.29	24.23	25.50
20	QPSK	1	99	24.10	24.27	24.11	25.50
20	QPSK	50	0	23.32	23.39	23.35	24.50
20	QPSK	50	24	23.14	23.31	23.25	24.50
20	QPSK	50	50	23.10	23.25	23.09	24.50
20	QPSK	100	0	23.24	23.35	23.17	24.50
20	16QAM	1	0	22.96	23.11	23.05	24.50
20	16QAM	1	49	23.08	23.20	23.15	24.50
20	16QAM	1	99	23.10	23.23	23.11	24.50
20	16QAM	50	0	21.98	22.17	21.99	23.50
20	16QAM	50	24	21.97	22.15	22.04	23.50
20	16QAM	50	50	22.12	22.21	22.08	23.50
20	16QAM	100	0	22.10	22.22	22.10	23.50
20	64QAM	1	0	21.98	22.16	22.04	23.50
20	64QAM	1	49	21.99	22.08	21.94	23.50

20	64QAM	1	99	21.99	22.08	21.99	23.50
20	64QAM	50	0	20.95	21.13	21.04	22.50
20	64QAM	50	24	20.99	21.12	21.04	22.50
20	64QAM	50	50	21.01	21.14	21.03	22.50
20	64QAM	100	0	21.07	21.20	21.03	22.50
20	256QAM	1	0	19.01	19.09	18.98	20.50
20	256QAM	1	49	19.13	19.21	19.06	20.50
20	256QAM	1	99	18.86	19.05	18.88	20.50
20	256QAM	50	0	18.97	19.09	18.95	20.50
20	256QAM	50	24	18.93	19.13	19.03	20.50
20	256QAM	50	50	19.03	19.12	19.04	20.50
20	256QAM	100	0	18.92	19.01	18.83	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.25	24.31	24.38	25.50
15	QPSK	1	37	24.18	24.24	24.14	25.50
15	QPSK	1	74	23.99	24.16	23.97	25.50
15	QPSK	36	0	23.24	23.35	23.20	24.50
15	QPSK	36	20	23.09	23.22	23.18	24.50
15	QPSK	36	39	23.05	23.13	22.98	24.50
15	QPSK	75	0	23.19	23.32	23.03	24.50
15	16QAM	1	0	22.88	23.05	22.98	24.50
15	16QAM	1	37	22.95	23.11	23.01	24.50
15	16QAM	1	74	22.99	23.10	23.09	24.50
15	16QAM	36	0	21.85	22.15	21.95	23.50
15	16QAM	36	20	21.90	22.04	21.89	23.50
15	16QAM	36	39	22.02	22.12	22.04	23.50
15	16QAM	75	0	22.04	22.18	22.07	23.50
15	64QAM	1	0	21.93	22.04	21.98	23.50
15	64QAM	1	37	21.94	22.04	21.82	23.50
15	64QAM	1	74	21.97	21.98	21.90	23.50
15	64QAM	36	0	20.87	21.02	21.03	22.50
15	64QAM	36	20	20.94	21.07	20.96	22.50
15	64QAM	36	39	20.91	21.10	20.98	22.50
15	64QAM	75	0	20.96	21.16	21.00	22.50
15	256QAM	1	0	18.89	19.00	18.96	20.50
15	256QAM	1	37	19.02	19.08	18.92	20.50
15	256QAM	1	74	18.76	18.91	18.85	20.50
15	256QAM	36	0	18.95	18.99	18.81	20.50
15	256QAM	36	20	18.87	19.12	18.91	20.50
15	256QAM	36	39	18.90	18.99	19.02	20.50
15	256QAM	75	0	18.86	18.92	18.73	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.33	24.37	24.33	25.50
10	QPSK	1	25	24.09	24.24	24.08	25.50
10	QPSK	1	49	23.95	24.22	24.01	25.50
10	QPSK	25	0	23.25	23.28	23.16	24.50
10	QPSK	25	12	23.07	23.28	23.15	24.50
10	QPSK	25	25	22.97	23.12	22.98	24.50
10	QPSK	50	0	23.17	23.31	23.12	24.50
10	16QAM	1	0	22.95	23.04	23.04	24.50
10	16QAM	1	25	22.98	23.19	23.13	24.50
10	16QAM	1	49	22.99	23.13	23.01	24.50
10	16QAM	25	0	21.86	22.05	21.89	23.50
10	16QAM	25	12	21.88	22.05	22.00	23.50
10	16QAM	25	25	22.02	22.14	21.99	23.50
10	16QAM	50	0	22.05	22.14	21.95	23.50
10	64QAM	1	0	21.88	22.10	21.98	23.50
10	64QAM	1	25	21.87	21.98	21.91	23.50
10	64QAM	1	49	21.91	22.04	21.85	23.50
10	64QAM	25	0	20.81	21.09	20.98	22.50
10	64QAM	25	12	20.85	20.99	20.89	22.50
10	64QAM	25	25	20.93	21.07	20.98	22.50
10	64QAM	50	0	21.00	21.07	21.00	22.50
10	256QAM	1	0	18.94	19.02	18.92	20.50
10	256QAM	1	25	19.02	19.12	18.99	20.50
10	256QAM	1	49	18.78	18.96	18.87	20.50
10	256QAM	25	0	18.86	19.04	18.92	20.50
10	256QAM	25	12	18.90	19.07	18.96	20.50
10	256QAM	25	25	18.91	19.02	18.98	20.50
10	256QAM	50	0	18.88	18.96	18.76	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	

5	QPSK	1	0	24.24	24.36	24.27	25.50
5	QPSK	1	12	24.16	24.26	24.10	25.50
5	QPSK	1	24	24.06	24.19	24.07	25.50
5	QPSK	12	0	23.23	23.29	23.20	24.50
5	QPSK	12	7	23.09	23.20	23.10	24.50
5	QPSK	12	13	23.05	23.17	23.06	24.50
5	QPSK	25	0	23.09	23.32	23.06	24.50
5	16QAM	1	0	22.84	23.08	22.98	24.50
5	16QAM	1	12	22.99	23.13	23.10	24.50
5	16QAM	1	24	23.07	23.13	23.08	24.50
5	16QAM	12	0	21.90	22.10	21.94	23.50
5	16QAM	12	7	21.91	22.01	22.00	23.50
5	16QAM	12	13	21.99	22.14	21.95	23.50
5	16QAM	25	0	21.99	22.08	22.08	23.50
5	64QAM	1	0	21.93	22.06	21.96	23.50
5	64QAM	1	12	21.93	22.06	21.83	23.50
5	64QAM	1	24	21.88	22.07	21.96	23.50
5	64QAM	12	0	20.80	20.98	20.94	22.50
5	64QAM	12	7	20.85	21.06	20.91	22.50
5	64QAM	12	13	20.97	21.04	20.94	22.50
5	64QAM	25	0	21.00	21.18	21.01	22.50
5	256QAM	1	0	18.99	19.07	18.87	20.50
5	256QAM	1	12	19.12	19.11	18.96	20.50
5	256QAM	1	24	18.81	19.00	18.76	20.50
5	256QAM	12	0	18.88	18.98	18.93	20.50
5	256QAM	12	7	18.89	19.10	18.89	20.50
5	256QAM	12	13	18.98	19.03	18.89	20.50
5	256QAM	25	0	18.84	18.92	18.70	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.27	24.43	24.38	25.50
3	QPSK	1	8	24.09	24.18	24.17	25.50
3	QPSK	1	14	24.00	24.17	23.98	25.50
3	QPSK	8	0	23.15	23.26	23.15	24.50
3	QPSK	8	4	23.09	23.23	23.18	24.50
3	QPSK	8	7	22.98	23.13	23.02	24.50
3	QPSK	15	0	23.19	23.30	23.08	24.50
3	16QAM	1	0	22.89	23.09	22.99	24.50
3	16QAM	1	8	23.03	23.09	23.12	24.50
3	16QAM	1	14	23.07	23.17	23.08	24.50
3	16QAM	8	0	21.89	22.13	21.89	23.50
3	16QAM	8	4	21.93	22.08	21.93	23.50
3	16QAM	8	7	22.05	22.16	22.00	23.50
3	16QAM	15	0	22.04	22.09	22.08	23.50
3	64QAM	1	0	21.85	22.15	21.90	23.50
3	64QAM	1	8	21.94	22.05	21.86	23.50
3	64QAM	1	14	21.93	22.01	21.91	23.50
3	64QAM	8	0	20.94	21.06	20.91	22.50
3	64QAM	8	4	20.93	21.09	20.93	22.50
3	64QAM	8	7	20.96	21.12	20.96	22.50
3	64QAM	15	0	20.98	21.14	21.02	22.50
3	256QAM	1	0	18.89	18.95	18.90	20.50
3	256QAM	1	8	19.08	19.08	18.93	20.50
3	256QAM	1	14	18.84	18.99	18.77	20.50
3	256QAM	8	0	18.93	19.05	18.86	20.50
3	256QAM	8	4	18.88	19.03	18.96	20.50
3	256QAM	8	7	18.99	19.03	19.02	20.50
3	256QAM	15	0	18.85	18.86	18.68	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.28	24.37	24.38	25.50
1.4	QPSK	1	3	24.08	24.24	24.22	25.50
1.4	QPSK	1	5	24.06	24.15	23.97	25.50
1.4	QPSK	3	0	24.22	24.26	24.17	25.50
1.4	QPSK	3	1	24.04	24.22	24.22	25.50
1.4	QPSK	3	3	24.02	24.19	24.00	25.50
1.4	QPSK	6	0	23.09	23.32	23.04	24.50
1.4	16QAM	1	0	22.82	23.09	23.03	24.50
1.4	16QAM	1	3	23.01	23.13	23.04	24.50
1.4	16QAM	1	5	22.99	23.21	23.01	24.50
1.4	16QAM	3	0	22.96	23.07	22.84	24.50
1.4	16QAM	3	1	22.83	23.10	23.00	24.50
1.4	16QAM	3	3	23.00	23.12	23.04	24.50
1.4	16QAM	6	0	21.97	22.18	21.99	23.50

1.4	64QAM	1	0	21.91	22.14	21.91	23.50
1.4	64QAM	1	3	21.97	22.07	21.89	23.50
1.4	64QAM	1	5	21.90	22.05	21.92	23.50
1.4	64QAM	3	0	21.93	22.02	22.01	23.50
1.4	64QAM	3	1	21.87	22.04	21.92	23.50
1.4	64QAM	3	3	21.93	22.06	21.93	23.50
1.4	64QAM	6	0	21.03	21.06	20.99	22.50
1.4	256QAM	1	0	18.93	19.07	18.92	20.50
1.4	256QAM	1	3	18.98	19.15	19.01	20.50
1.4	256QAM	1	5	18.72	18.94	18.75	20.50
1.4	256QAM	3	0	18.88	19.07	18.81	20.50
1.4	256QAM	3	1	18.78	19.00	18.92	20.50
1.4	256QAM	3	3	18.95	18.99	18.92	20.50
1.4	256QAM	6	0	18.78	18.92	18.70	20.50

【LTE Band 2_Ant4_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.43	17.45	17.42	18.50
20	QPSK	1	49	17.32	17.29	17.30	18.50
20	QPSK	1	99	17.29	17.40	17.28	18.50
20	QPSK	50	0	17.36	17.43	17.40	18.50
20	QPSK	50	24	17.24	17.36	17.25	18.50
20	QPSK	50	50	17.27	17.36	17.34	18.50
20	QPSK	100	0	17.25	17.37	17.33	18.50
20	16QAM	1	0	17.27	17.39	17.37	18.50
20	16QAM	1	49	17.33	17.39	17.29	18.50
20	16QAM	1	99	17.28	17.37	17.30	18.50
20	16QAM	50	0	17.25	17.39	17.37	18.50
20	16QAM	50	24	17.27	17.41	17.27	18.50
20	16QAM	50	50	17.24	17.32	17.32	18.50
20	16QAM	100	0	17.27	17.31	17.27	18.50
20	64QAM	1	0	17.32	17.31	17.28	18.50
20	64QAM	1	49	17.29	17.41	17.37	18.50
20	64QAM	1	99	17.32	17.31	17.36	18.50
20	64QAM	50	0	17.32	17.39	17.35	18.50
20	64QAM	50	24	17.28	17.29	17.33	18.50
20	64QAM	50	50	17.34	17.30	17.26	18.50
20	64QAM	100	0	17.33	17.36	17.33	18.50
20	256QAM	1	0	17.27	17.34	17.37	18.50
20	256QAM	1	49	17.23	17.34	17.36	18.50
20	256QAM	1	99	17.33	17.37	17.32	18.50
20	256QAM	50	0	17.33	17.37	17.33	18.50
20	256QAM	50	24	17.37	17.41	17.46	18.50
20	256QAM	50	50	17.35	17.43	17.37	18.50
20	256QAM	100	0	17.33	17.46	17.44	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.36	17.31	17.37	18.50
15	QPSK	1	37	17.28	17.15	17.16	18.50
15	QPSK	1	74	17.19	17.37	17.26	18.50
15	QPSK	36	0	17.30	17.42	17.27	18.50
15	QPSK	36	20	17.18	17.25	17.22	18.50
15	QPSK	36	39	17.24	17.22	17.25	18.50
15	QPSK	75	0	17.16	17.28	17.29	18.50
15	16QAM	1	0	17.23	17.36	17.24	18.50
15	16QAM	1	37	17.30	17.29	17.22	18.50
15	16QAM	1	74	17.21	17.25	17.18	18.50
15	16QAM	36	0	17.17	17.31	17.27	18.50
15	16QAM	36	20	17.13	17.29	17.25	18.50
15	16QAM	36	39	17.21	17.19	17.30	18.50
15	16QAM	75	0	17.18	17.29	17.15	18.50
15	64QAM	1	0	17.26	17.20	17.15	18.50
15	64QAM	1	37	17.23	17.37	17.33	18.50
15	64QAM	1	74	17.21	17.22	17.25	18.50
15	64QAM	36	0	17.20	17.29	17.27	18.50
15	64QAM	36	20	17.16	17.15	17.21	18.50

15	64QAM	36	39	17.29	17.22	17.23	18.50
15	64QAM	75	0	17.25	17.27	17.28	18.50
15	256QAM	1	0	17.15	17.31	17.32	18.50
15	256QAM	1	37	17.18	17.30	17.26	18.50
15	256QAM	1	74	17.27	17.26	17.22	18.50
15	256QAM	36	0	17.28	17.30	17.18	18.50
15	256QAM	36	20	17.26	17.37	17.43	18.50
15	256QAM	36	39	17.28	17.29	17.32	18.50
15	256QAM	75	0	17.26	17.44	17.42	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.38	17.44	17.32	18.50
10	QPSK	1	25	17.27	17.22	17.17	18.50
10	QPSK	1	49	17.19	17.30	17.21	18.50
10	QPSK	25	0	17.33	17.40	17.27	18.50
10	QPSK	25	12	17.17	17.27	17.21	18.50
10	QPSK	25	25	17.22	17.31	17.21	18.50
10	QPSK	50	0	17.17	17.30	17.22	18.50
10	16QAM	1	0	17.23	17.27	17.30	18.50
10	16QAM	1	25	17.24	17.26	17.26	18.50
10	16QAM	1	49	17.25	17.26	17.21	18.50
10	16QAM	25	0	17.19	17.27	17.24	18.50
10	16QAM	25	12	17.18	17.38	17.17	18.50
10	16QAM	25	25	17.13	17.23	17.23	18.50
10	16QAM	50	0	17.20	17.23	17.16	18.50
10	64QAM	1	0	17.28	17.22	17.16	18.50
10	64QAM	1	25	17.27	17.34	17.36	18.50
10	64QAM	1	49	17.26	17.22	17.34	18.50
10	64QAM	25	0	17.27	17.30	17.29	18.50
10	64QAM	25	12	17.21	17.14	17.30	18.50
10	64QAM	25	25	17.26	17.21	17.21	18.50
10	64QAM	50	0	17.20	17.26	17.28	18.50
10	256QAM	1	0	17.18	17.29	17.28	18.50
10	256QAM	1	25	17.08	17.23	17.30	18.50
10	256QAM	1	49	17.27	17.24	17.29	18.50
10	256QAM	25	0	17.24	17.28	17.25	18.50
10	256QAM	25	12	17.23	17.37	17.32	18.50
10	256QAM	25	25	17.23	17.29	17.29	18.50
10	256QAM	50	0	17.19	17.43	17.40	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.35	17.32	17.31	18.50
5	QPSK	1	12	17.28	17.22	17.18	18.50
5	QPSK	1	24	17.27	17.28	17.22	18.50
5	QPSK	12	0	17.27	17.31	17.39	18.50
5	QPSK	12	7	17.19	17.29	17.21	18.50
5	QPSK	12	13	17.19	17.25	17.28	18.50
5	QPSK	25	0	17.11	17.26	17.20	18.50
5	16QAM	1	0	17.17	17.29	17.22	18.50
5	16QAM	1	12	17.20	17.38	17.20	18.50
5	16QAM	1	24	17.16	17.30	17.19	18.50
5	16QAM	12	0	17.13	17.33	17.23	18.50
5	16QAM	12	7	17.19	17.36	17.13	18.50
5	16QAM	12	13	17.16	17.20	17.18	18.50
5	16QAM	25	0	17.21	17.22	17.17	18.50
5	64QAM	1	0	17.21	17.24	17.13	18.50
5	64QAM	1	12	17.19	17.35	17.24	18.50
5	64QAM	1	24	17.30	17.26	17.25	18.50
5	64QAM	12	0	17.21	17.35	17.25	18.50
5	64QAM	12	7	17.24	17.24	17.26	18.50
5	64QAM	12	13	17.25	17.22	17.25	18.50
5	64QAM	25	0	17.24	17.29	17.28	18.50
5	256QAM	1	0	17.16	17.24	17.22	18.50
5	256QAM	1	12	17.08	17.23	17.25	18.50
5	256QAM	1	24	17.27	17.24	17.17	18.50
5	256QAM	12	0	17.23	17.31	17.25	18.50
5	256QAM	12	7	17.30	17.39	17.38	18.50
5	256QAM	12	13	17.26	17.32	17.34	18.50
5	256QAM	25	0	17.30	17.42	17.31	18.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.31	17.34	17.29	18.50
3	QPSK	1	8	17.29	17.28	17.15	18.50
3	QPSK	1	14	17.27	17.26	17.24	18.50

3	QPSK	8	0	17.22	17.29	17.32	18.50
3	QPSK	8	4	17.10	17.28	17.19	18.50
3	QPSK	8	7	17.20	17.33	17.23	18.50
3	QPSK	15	0	17.12	17.33	17.29	18.50
3	16QAM	1	0	17.12	17.25	17.30	18.50
3	16QAM	1	8	17.30	17.31	17.28	18.50
3	16QAM	1	14	17.25	17.27	17.19	18.50
3	16QAM	8	0	17.17	17.38	17.30	18.50
3	16QAM	8	4	17.22	17.26	17.21	18.50
3	16QAM	8	7	17.16	17.17	17.25	18.50
3	16QAM	15	0	17.26	17.17	17.26	18.50
3	64QAM	1	0	17.26	17.18	17.26	18.50
3	64QAM	1	8	17.18	17.37	17.36	18.50
3	64QAM	1	14	17.24	17.16	17.26	18.50
3	64QAM	8	0	17.26	17.32	17.21	18.50
3	64QAM	8	4	17.18	17.16	17.31	18.50
3	64QAM	8	7	17.28	17.21	17.17	18.50
3	64QAM	15	0	17.26	17.35	17.28	18.50
3	256QAM	1	0	17.17	17.25	17.24	18.50
3	256QAM	1	8	17.12	17.31	17.27	18.50
3	256QAM	1	14	17.26	17.23	17.19	18.50
3	256QAM	8	0	17.20	17.29	17.29	18.50
3	256QAM	8	4	17.25	17.31	17.38	18.50
3	256QAM	8	7	17.21	17.37	17.22	18.50
3	256QAM	15	0	17.25	17.39	17.32	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.29	17.39	17.36	18.50
1.4	QPSK	1	3	17.29	17.19	17.25	18.50
1.4	QPSK	1	5	17.20	17.39	17.22	18.50
1.4	QPSK	3	0	17.30	17.42	17.35	18.50
1.4	QPSK	3	1	17.18	17.28	17.16	18.50
1.4	QPSK	3	3	17.25	17.29	17.29	18.50
1.4	QPSK	6	0	17.22	17.24	17.24	18.50
1.4	16QAM	1	0	17.20	17.35	17.28	18.50
1.4	16QAM	1	3	17.30	17.26	17.27	18.50
1.4	16QAM	1	5	17.23	17.28	17.28	18.50
1.4	16QAM	3	0	17.16	17.34	17.24	18.50
1.4	16QAM	3	1	17.18	17.32	17.15	18.50
1.4	16QAM	3	3	17.15	17.28	17.29	18.50
1.4	16QAM	6	0	17.20	17.26	17.24	18.50
1.4	64QAM	1	0	17.23	17.19	17.15	18.50
1.4	64QAM	1	3	17.24	17.33	17.33	18.50
1.4	64QAM	1	5	17.26	17.19	17.32	18.50
1.4	64QAM	3	0	17.27	17.25	17.26	18.50
1.4	64QAM	3	1	17.22	17.20	17.25	18.50
1.4	64QAM	3	3	17.32	17.27	17.13	18.50
1.4	64QAM	6	0	17.28	17.33	17.30	18.50
1.4	256QAM	1	0	17.21	17.20	17.30	18.50
1.4	256QAM	1	3	17.12	17.29	17.23	18.50
1.4	256QAM	1	5	17.19	17.34	17.28	18.50
1.4	256QAM	3	0	17.23	17.26	17.26	18.50
1.4	256QAM	3	1	17.27	17.34	17.35	18.50
1.4	256QAM	3	3	17.32	17.39	17.34	18.50
1.4	256QAM	6	0	17.24	17.44	17.40	18.50

【LTE Band 2_Ant5_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.81	23.85	23.84	24.50
20	QPSK	1	49	23.65	23.81	23.65	24.50
20	QPSK	1	99	23.66	23.78	23.65	24.50
20	QPSK	50	0	22.75	22.83	22.73	23.50
20	QPSK	50	24	22.68	22.75	22.69	23.50
20	QPSK	50	50	22.69	22.81	22.73	23.50
20	QPSK	100	0	22.68	22.81	22.67	23.50
20	16QAM	1	0	22.80	22.87	22.78	23.50

20	16QAM	1	49	22.69	22.85	22.73	23.50
20	16QAM	1	99	22.68	22.77	22.72	23.50
20	16QAM	50	0	21.74	21.84	21.73	22.50
20	16QAM	50	24	21.74	21.89	21.84	22.50
20	16QAM	50	50	21.60	21.78	21.66	22.50
20	16QAM	100	0	21.66	21.74	21.60	22.50
20	64QAM	1	0	21.66	21.81	21.66	22.50
20	64QAM	1	49	21.70	21.75	21.60	22.50
20	64QAM	1	99	21.76	21.84	21.78	22.50
20	64QAM	50	0	20.75	20.89	20.77	21.50
20	64QAM	50	24	20.79	20.84	20.68	21.50
20	64QAM	50	50	20.65	20.75	20.70	21.50
20	64QAM	100	0	20.67	20.78	20.69	21.50
20	256QAM	1	0	18.74	18.87	18.75	19.50
20	256QAM	1	49	18.65	18.78	18.66	19.50
20	256QAM	1	99	18.77	18.89	18.85	19.50
20	256QAM	50	0	18.79	18.85	18.76	19.50
20	256QAM	50	24	18.69	18.76	18.64	19.50
20	256QAM	50	50	18.69	18.84	18.74	19.50
20	256QAM	100	0	18.65	18.79	18.75	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.74	23.73	23.73	24.50
15	QPSK	1	37	23.54	23.70	23.51	24.50
15	QPSK	1	74	23.56	23.65	23.63	24.50
15	QPSK	36	0	22.62	22.79	22.55	23.50
15	QPSK	36	20	22.54	22.70	22.63	23.50
15	QPSK	36	39	22.56	22.73	22.68	23.50
15	QPSK	75	0	22.60	22.73	22.60	23.50
15	16QAM	1	0	22.78	22.84	22.74	23.50
15	16QAM	1	37	22.57	22.75	22.62	23.50
15	16QAM	1	74	22.62	22.67	22.61	23.50
15	16QAM	36	0	21.70	21.80	21.71	22.50
15	16QAM	36	20	21.71	21.84	21.78	22.50
15	16QAM	36	39	21.51	21.73	21.51	22.50
15	16QAM	75	0	21.53	21.61	21.48	22.50
15	64QAM	1	0	21.54	21.78	21.51	22.50
15	64QAM	1	37	21.68	21.68	21.47	22.50
15	64QAM	1	74	21.68	21.70	21.70	22.50
15	64QAM	36	0	20.64	20.81	20.68	21.50
15	64QAM	36	20	20.76	20.74	20.55	21.50
15	64QAM	36	39	20.64	20.64	20.56	21.50
15	64QAM	75	0	20.59	20.70	20.65	21.50
15	256QAM	1	0	18.73	18.82	18.67	19.50
15	256QAM	1	37	18.62	18.73	18.53	19.50
15	256QAM	1	74	18.71	18.80	18.79	19.50
15	256QAM	36	0	18.68	18.72	18.61	19.50
15	256QAM	36	20	18.65	18.75	18.54	19.50
15	256QAM	36	39	18.56	18.77	18.62	19.50
15	256QAM	75	0	18.54	18.68	18.66	19.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.79	23.79	23.71	24.50
10	QPSK	1	25	23.53	23.71	23.50	24.50
10	QPSK	1	49	23.65	23.69	23.60	24.50
10	QPSK	25	0	22.71	22.81	22.65	23.50
10	QPSK	25	12	22.56	22.64	22.64	23.50
10	QPSK	25	25	22.68	22.77	22.70	23.50
10	QPSK	50	0	22.66	22.70	22.62	23.50
10	16QAM	1	0	22.66	22.73	22.72	23.50
10	16QAM	1	25	22.65	22.79	22.62	23.50
10	16QAM	1	49	22.62	22.72	22.62	23.50
10	16QAM	25	0	21.70	21.81	21.60	22.50
10	16QAM	25	12	21.70	21.86	21.77	22.50
10	16QAM	25	25	21.56	21.74	21.52	22.50
10	16QAM	50	0	21.62	21.71	21.54	22.50
10	64QAM	1	0	21.52	21.69	21.57	22.50
10	64QAM	1	25	21.60	21.69	21.54	22.50
10	64QAM	1	49	21.75	21.78	21.73	22.50
10	64QAM	25	0	20.73	20.78	20.74	21.50
10	64QAM	25	12	20.72	20.69	20.64	21.50
10	64QAM	25	25	20.52	20.65	20.69	21.50
10	64QAM	50	0	20.55	20.74	20.63	21.50
10	256QAM	1	0	18.70	18.84	18.71	19.50

10	256QAM	1	25	18.50	18.75	18.55	19.50
10	256QAM	1	49	18.66	18.81	18.76	19.50
10	256QAM	25	0	18.66	18.77	18.70	19.50
10	256QAM	25	12	18.61	18.63	18.60	19.50
10	256QAM	25	25	18.65	18.69	18.70	19.50
10	256QAM	50	0	18.58	18.78	18.61	19.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.79	23.81	23.71	24.50
5	QPSK	1	12	23.56	23.68	23.59	24.50
5	QPSK	1	24	23.65	23.65	23.60	24.50
5	QPSK	12	0	22.66	22.76	22.57	23.50
5	QPSK	12	7	22.65	22.72	22.58	23.50
5	QPSK	12	13	22.58	22.78	22.72	23.50
5	QPSK	25	0	22.54	22.68	22.53	23.50
5	16QAM	1	0	22.70	22.79	22.75	23.50
5	16QAM	1	12	22.63	22.78	22.61	23.50
5	16QAM	1	24	22.63	22.74	22.67	23.50
5	16QAM	12	0	21.71	21.75	21.70	22.50
5	16QAM	12	7	21.65	21.76	21.70	22.50
5	16QAM	12	13	21.53	21.69	21.64	22.50
5	16QAM	25	0	21.63	21.67	21.58	22.50
5	64QAM	1	0	21.59	21.75	21.59	22.50
5	64QAM	1	12	21.57	21.70	21.54	22.50
5	64QAM	1	24	21.63	21.70	21.65	22.50
5	64QAM	12	0	20.62	20.85	20.73	21.50
5	64QAM	12	7	20.77	20.72	20.57	21.50
5	64QAM	12	13	20.55	20.61	20.61	21.50
5	64QAM	25	0	20.52	20.73	20.65	21.50
5	256QAM	1	0	18.69	18.76	18.68	19.50
5	256QAM	1	12	18.63	18.74	18.60	19.50
5	256QAM	1	24	18.65	18.79	18.84	19.50
5	256QAM	12	0	18.70	18.74	18.68	19.50
5	256QAM	12	7	18.57	18.65	18.56	19.50
5	256QAM	12	13	18.58	18.69	18.66	19.50
5	256QAM	25	0	18.58	18.72	18.69	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.75	23.81	23.75	24.50
3	QPSK	1	8	23.63	23.77	23.63	24.50
3	QPSK	1	14	23.52	23.74	23.54	24.50
3	QPSK	8	0	22.69	22.75	22.59	23.50
3	QPSK	8	4	22.56	22.65	22.65	23.50
3	QPSK	8	7	22.58	22.79	22.65	23.50
3	QPSK	15	0	22.66	22.75	22.63	23.50
3	16QAM	1	0	22.77	22.81	22.69	23.50
3	16QAM	1	8	22.65	22.84	22.62	23.50
3	16QAM	1	14	22.55	22.73	22.57	23.50
3	16QAM	8	0	21.59	21.77	21.64	22.50
3	16QAM	8	4	21.68	21.75	21.75	22.50
3	16QAM	8	7	21.46	21.71	21.58	22.50
3	16QAM	15	0	21.57	21.63	21.50	22.50
3	64QAM	1	0	21.52	21.78	21.57	22.50
3	64QAM	1	8	21.60	21.66	21.55	22.50
3	64QAM	1	14	21.65	21.76	21.69	22.50
3	64QAM	8	0	20.63	20.83	20.66	21.50
3	64QAM	8	4	20.64	20.80	20.67	21.50
3	64QAM	8	7	20.50	20.70	20.61	21.50
3	64QAM	15	0	20.57	20.71	20.65	21.50
3	256QAM	1	0	18.71	18.81	18.70	19.50
3	256QAM	1	8	18.56	18.74	18.54	19.50
3	256QAM	1	14	18.64	18.82	18.80	19.50
3	256QAM	8	0	18.76	18.72	18.64	19.50
3	256QAM	8	4	18.62	18.66	18.62	19.50
3	256QAM	8	7	18.65	18.81	18.71	19.50
3	256QAM	15	0	18.52	18.76	18.74	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.77	23.72	23.71	24.50
1.4	QPSK	1	3	23.61	23.69	23.63	24.50
1.4	QPSK	1	5	23.52	23.67	23.62	24.50
1.4	QPSK	3	0	23.67	23.68	23.68	24.50
1.4	QPSK	3	1	23.58	23.65	23.57	24.50
1.4	QPSK	3	3	23.58	23.79	23.61	24.50

1.4	QPSK	6	0	22.55	22.67	22.58	23.50
1.4	16QAM	1	0	22.75	22.76	22.71	23.50
1.4	16QAM	1	3	22.59	22.73	22.68	23.50
1.4	16QAM	1	5	22.56	22.69	22.60	23.50
1.4	16QAM	3	0	22.73	22.76	22.63	23.50
1.4	16QAM	3	1	22.68	22.83	22.74	23.50
1.4	16QAM	3	3	22.47	22.68	22.54	23.50
1.4	16QAM	6	0	21.59	21.69	21.48	22.50
1.4	64QAM	1	0	21.58	21.73	21.58	22.50
1.4	64QAM	1	3	21.57	21.63	21.58	22.50
1.4	64QAM	1	5	21.72	21.70	21.73	22.50
1.4	64QAM	3	0	21.70	21.78	21.67	22.50
1.4	64QAM	3	1	21.77	21.71	21.59	22.50
1.4	64QAM	3	3	21.52	21.69	21.63	22.50
1.4	64QAM	6	0	20.61	20.70	20.67	21.50
1.4	256QAM	1	0	18.66	18.72	18.68	19.50
1.4	256QAM	1	3	18.55	18.76	18.59	19.50
1.4	256QAM	1	5	18.74	18.81	18.79	19.50
1.4	256QAM	3	0	18.69	18.82	18.62	19.50
1.4	256QAM	3	1	18.55	18.62	18.59	19.50
1.4	256QAM	3	3	18.56	18.74	18.61	19.50
1.4	256QAM	6	0	18.60	18.65	18.61	19.50

【LTE Band 2_Ant5_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.33	19.39	19.32	20.00
20	QPSK	1	49	19.27	19.29	19.20	20.00
20	QPSK	1	99	19.27	19.28	19.20	20.00
20	QPSK	50	0	19.26	19.33	19.29	20.00
20	QPSK	50	24	19.22	19.24	19.29	20.00
20	QPSK	50	50	19.24	19.19	19.29	20.00
20	QPSK	100	0	19.16	19.30	19.19	20.00
20	16QAM	1	0	19.24	19.28	19.28	20.00
20	16QAM	1	49	19.25	19.31	19.20	20.00
20	16QAM	1	99	19.18	19.20	19.22	20.00
20	16QAM	50	0	19.25	19.26	19.29	20.00
20	16QAM	50	24	19.17	19.22	19.27	20.00
20	16QAM	50	50	19.22	19.26	19.24	20.00
20	16QAM	100	0	19.26	19.30	19.23	20.00
20	64QAM	1	0	19.25	19.27	19.22	20.00
20	64QAM	1	49	19.18	19.27	19.26	20.00
20	64QAM	1	99	19.15	19.29	19.28	20.00
20	64QAM	50	0	19.17	19.25	19.27	20.00
20	64QAM	50	24	19.15	19.26	19.20	20.00
20	64QAM	50	50	19.23	19.30	19.18	20.00
20	64QAM	100	0	19.24	19.23	19.23	20.00
20	256QAM	1	0	18.81	18.80	18.80	19.50
20	256QAM	1	49	18.75	18.88	18.86	19.50
20	256QAM	1	99	18.81	18.85	18.81	19.50
20	256QAM	50	0	18.78	18.91	18.80	19.50
20	256QAM	50	24	18.82	18.79	18.82	19.50
20	256QAM	50	50	18.81	18.89	18.80	19.50
20	256QAM	100	0	18.85	18.83	18.85	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.27	19.33	19.27	20.00
15	QPSK	1	37	19.12	19.20	19.16	20.00
15	QPSK	1	74	19.26	19.24	19.17	20.00
15	QPSK	36	0	19.12	19.29	19.22	20.00
15	QPSK	36	20	19.13	19.10	19.18	20.00
15	QPSK	36	39	19.17	19.08	19.15	20.00
15	QPSK	75	0	19.02	19.19	19.13	20.00
15	16QAM	1	0	19.20	19.15	19.18	20.00
15	16QAM	1	37	19.21	19.30	19.14	20.00
15	16QAM	1	74	19.05	19.17	19.17	20.00
15	16QAM	36	0	19.13	19.12	19.21	20.00

15	16QAM	36	20	19.03	19.18	19.14	20.00
15	16QAM	36	39	19.18	19.13	19.16	20.00
15	16QAM	75	0	19.15	19.26	19.09	20.00
15	64QAM	1	0	19.21	19.21	19.15	20.00
15	64QAM	1	37	19.13	19.15	19.16	20.00
15	64QAM	1	74	19.10	19.23	19.15	20.00
15	64QAM	36	0	19.07	19.14	19.23	20.00
15	64QAM	36	20	19.10	19.14	19.07	20.00
15	64QAM	36	39	19.08	19.26	19.07	20.00
15	64QAM	75	0	19.16	19.21	19.16	20.00
15	256QAM	1	0	18.71	18.73	18.68	19.50
15	256QAM	1	37	18.66	18.79	18.77	19.50
15	256QAM	1	74	18.73	18.82	18.74	19.50
15	256QAM	36	0	18.68	18.80	18.67	19.50
15	256QAM	36	20	18.78	18.72	18.69	19.50
15	256QAM	36	39	18.69	18.87	18.70	19.50
15	256QAM	75	0	18.80	18.68	18.83	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.23	19.33	19.24	20.00
10	QPSK	1	25	19.15	19.25	19.14	20.00
10	QPSK	1	49	19.23	19.19	19.10	20.00
10	QPSK	25	0	19.21	19.30	19.16	20.00
10	QPSK	25	12	19.07	19.17	19.21	20.00
10	QPSK	25	25	19.18	19.16	19.28	20.00
10	QPSK	50	0	19.03	19.19	19.06	20.00
10	16QAM	1	0	19.12	19.19	19.16	20.00
10	16QAM	1	25	19.19	19.25	19.08	20.00
10	16QAM	1	49	19.07	19.05	19.08	20.00
10	16QAM	25	0	19.12	19.22	19.20	20.00
10	16QAM	25	12	19.09	19.19	19.24	20.00
10	16QAM	25	25	19.10	19.11	19.18	20.00
10	16QAM	50	0	19.15	19.26	19.13	20.00
10	64QAM	1	0	19.11	19.26	19.17	20.00
10	64QAM	1	25	19.14	19.25	19.16	20.00
10	64QAM	1	49	19.04	19.16	19.24	20.00
10	64QAM	25	0	19.16	19.21	19.25	20.00
10	64QAM	25	12	19.02	19.24	19.17	20.00
10	64QAM	25	25	19.10	19.22	19.10	20.00
10	64QAM	50	0	19.23	19.17	19.10	20.00
10	256QAM	1	0	18.74	18.70	18.76	19.50
10	256QAM	1	25	18.73	18.84	18.84	19.50
10	256QAM	1	49	18.67	18.77	18.76	19.50
10	256QAM	25	0	18.75	18.84	18.66	19.50
10	256QAM	25	12	18.81	18.73	18.72	19.50
10	256QAM	25	25	18.72	18.76	18.73	19.50
10	256QAM	50	0	18.83	18.75	18.73	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.19	19.28	19.29	20.00
5	QPSK	1	12	19.23	19.21	19.12	20.00
5	QPSK	1	24	19.16	19.22	19.08	20.00
5	QPSK	12	0	19.15	19.28	19.25	20.00
5	QPSK	12	7	19.11	19.11	19.22	20.00
5	QPSK	12	13	19.10	19.09	19.20	20.00
5	QPSK	25	0	19.13	19.18	19.11	20.00
5	16QAM	1	0	19.10	19.13	19.23	20.00
5	16QAM	1	12	19.14	19.28	19.08	20.00
5	16QAM	1	24	19.13	19.17	19.18	20.00
5	16QAM	12	0	19.22	19.12	19.15	20.00
5	16QAM	12	7	19.13	19.20	19.18	20.00
5	16QAM	12	13	19.14	19.25	19.18	20.00
5	16QAM	25	0	19.16	19.18	19.14	20.00
5	64QAM	1	0	19.22	19.14	19.10	20.00
5	64QAM	1	12	19.11	19.17	19.15	20.00
5	64QAM	1	24	19.06	19.26	19.17	20.00
5	64QAM	12	0	19.10	19.19	19.20	20.00
5	64QAM	12	7	19.12	19.21	19.09	20.00
5	64QAM	12	13	19.21	19.18	19.14	20.00
5	64QAM	25	0	19.11	19.12	19.12	20.00
5	256QAM	1	0	18.68	18.76	18.69	19.50
5	256QAM	1	12	18.64	18.85	18.78	19.50
5	256QAM	1	24	18.67	18.73	18.74	19.50
5	256QAM	12	0	18.76	18.83	18.70	19.50

5	256QAM	12	7	18.71	18.66	18.68	19.50
5	256QAM	12	13	18.73	18.84	18.72	19.50
5	256QAM	25	0	18.74	18.69	18.78	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.21	19.38	19.28	20.00
3	QPSK	1	8	19.23	19.22	19.11	20.00
3	QPSK	1	14	19.25	19.27	19.07	20.00
3	QPSK	8	0	19.21	19.20	19.21	20.00
3	QPSK	8	4	19.12	19.18	19.22	20.00
3	QPSK	8	7	19.18	19.12	19.18	20.00
3	QPSK	15	0	19.04	19.25	19.06	20.00
3	16QAM	1	0	19.13	19.17	19.17	20.00
3	16QAM	1	8	19.11	19.21	19.11	20.00
3	16QAM	1	14	19.15	19.06	19.08	20.00
3	16QAM	8	0	19.22	19.15	19.22	20.00
3	16QAM	8	4	19.03	19.16	19.22	20.00
3	16QAM	8	7	19.18	19.19	19.17	20.00
3	16QAM	15	0	19.17	19.18	19.17	20.00
3	64QAM	1	0	19.16	19.17	19.14	20.00
3	64QAM	1	8	19.08	19.15	19.21	20.00
3	64QAM	1	14	19.06	19.25	19.19	20.00
3	64QAM	8	0	19.11	19.21	19.14	20.00
3	64QAM	8	4	19.13	19.23	19.06	20.00
3	64QAM	8	7	19.14	19.18	19.04	20.00
3	64QAM	15	0	19.19	19.16	19.14	20.00
3	256QAM	1	0	18.73	18.70	18.75	19.50
3	256QAM	1	8	18.65	18.82	18.83	19.50
3	256QAM	1	14	18.67	18.75	18.73	19.50
3	256QAM	8	0	18.72	18.87	18.73	19.50
3	256QAM	8	4	18.80	18.65	18.71	19.50
3	256QAM	8	7	18.69	18.79	18.67	19.50
3	256QAM	15	0	18.72	18.82	18.76	19.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.22	19.36	19.29	20.00
1.4	QPSK	1	3	19.26	19.16	19.12	20.00
1.4	QPSK	1	5	19.18	19.26	19.17	20.00
1.4	QPSK	3	0	19.12	19.23	19.27	20.00
1.4	QPSK	3	1	19.11	19.20	19.21	20.00
1.4	QPSK	3	3	19.16	19.12	19.25	20.00
1.4	QPSK	6	0	19.01	19.29	19.14	20.00
1.4	16QAM	1	0	19.20	19.25	19.19	20.00
1.4	16QAM	1	3	19.21	19.24	19.13	20.00
1.4	16QAM	1	5	19.11	19.10	19.20	20.00
1.4	16QAM	3	0	19.19	19.13	19.17	20.00
1.4	16QAM	3	1	19.04	19.08	19.21	20.00
1.4	16QAM	3	3	19.21	19.14	19.18	20.00
1.4	16QAM	6	0	19.15	19.22	19.08	20.00
1.4	64QAM	1	0	19.19	19.21	19.19	20.00
1.4	64QAM	1	3	19.08	19.14	19.12	20.00
1.4	64QAM	1	5	19.11	19.17	19.25	20.00
1.4	64QAM	3	0	19.09	19.15	19.22	20.00
1.4	64QAM	3	1	19.10	19.19	19.14	20.00
1.4	64QAM	3	3	19.13	19.24	19.15	20.00
1.4	64QAM	6	0	19.15	19.17	19.21	20.00
1.4	256QAM	1	0	18.75	18.73	18.69	19.50
1.4	256QAM	1	3	18.71	18.75	18.76	19.50
1.4	256QAM	1	5	18.72	18.77	18.70	19.50
1.4	256QAM	3	0	18.63	18.84	18.70	19.50
1.4	256QAM	3	1	18.79	18.72	18.67	19.50
1.4	256QAM	3	3	18.72	18.86	18.66	19.50
1.4	256QAM	6	0	18.83	18.72	18.83	19.50

【LTE Band 2_Ant5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.25	21.38	21.35	22.00
20	QPSK	1	49	21.24	21.25	21.28	22.00
20	QPSK	1	99	21.25	21.22	21.29	22.00
20	QPSK	50	0	21.23	21.34	21.32	22.00
20	QPSK	50	24	21.20	21.26	21.24	22.00
20	QPSK	50	50	21.26	21.26	21.19	22.00
20	QPSK	100	0	21.18	21.28	21.20	22.00
20	16QAM	1	0	21.19	21.27	21.29	22.00
20	16QAM	1	49	21.18	21.21	21.28	22.00
20	16QAM	1	99	21.26	21.30	21.30	22.00
20	16QAM	50	0	21.19	21.21	21.23	22.00
20	16QAM	50	24	21.20	21.20	21.27	22.00
20	16QAM	50	50	21.18	21.22	21.30	22.00
20	16QAM	100	0	21.27	21.28	21.26	22.00
20	64QAM	1	0	21.20	21.19	21.29	22.00
20	64QAM	1	49	21.23	21.27	21.21	22.00
20	64QAM	1	99	21.19	21.30	21.26	22.00
20	64QAM	50	0	20.77	20.85	20.84	21.50
20	64QAM	50	24	20.80	20.91	20.82	21.50
20	64QAM	50	50	20.78	20.87	20.83	21.50
20	64QAM	100	0	20.86	20.83	20.86	21.50
20	256QAM	1	0	18.81	18.84	18.81	19.50
20	256QAM	1	49	18.86	18.82	18.79	19.50
20	256QAM	1	99	18.83	18.82	18.90	19.50
20	256QAM	50	0	18.80	18.79	18.88	19.50
20	256QAM	50	24	18.85	18.81	18.83	19.50
20	256QAM	50	50	18.77	18.83	18.87	19.50
20	256QAM	100	0	18.81	18.87	18.85	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.11	21.27	21.27	22.00
15	QPSK	1	37	21.18	21.10	21.20	22.00
15	QPSK	1	74	21.13	21.17	21.16	22.00
15	QPSK	36	0	21.10	21.33	21.26	22.00
15	QPSK	36	20	21.13	21.19	21.13	22.00
15	QPSK	36	39	21.15	21.17	21.11	22.00
15	QPSK	75	0	21.07	21.24	21.06	22.00
15	16QAM	1	0	21.11	21.26	21.22	22.00
15	16QAM	1	37	21.06	21.15	21.26	22.00
15	16QAM	1	74	21.22	21.23	21.17	22.00
15	16QAM	36	0	21.10	21.11	21.12	22.00
15	16QAM	36	20	21.05	21.14	21.24	22.00
15	16QAM	36	39	21.15	21.15	21.20	22.00
15	16QAM	75	0	21.23	21.26	21.20	22.00
15	64QAM	1	0	21.06	21.15	21.21	22.00
15	64QAM	1	37	21.11	21.24	21.10	22.00
15	64QAM	1	74	21.09	21.17	21.21	22.00
15	64QAM	36	0	20.74	20.72	20.81	21.50
15	64QAM	36	20	20.78	20.84	20.80	21.50
15	64QAM	36	39	20.65	20.83	20.71	21.50
15	64QAM	75	0	20.73	20.76	20.82	21.50
15	256QAM	1	0	18.76	18.81	18.75	19.50
15	256QAM	1	37	18.79	18.78	18.70	19.50
15	256QAM	1	74	18.78	18.76	18.75	19.50
15	256QAM	36	0	18.75	18.74	18.84	19.50
15	256QAM	36	20	18.84	18.78	18.77	19.50
15	256QAM	36	39	18.67	18.80	18.79	19.50
15	256QAM	75	0	18.68	18.85	18.81	19.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.17	21.29	21.31	22.00
10	QPSK	1	25	21.19	21.15	21.21	22.00
10	QPSK	1	49	21.18	21.18	21.19	22.00
10	QPSK	25	0	21.15	21.21	21.30	22.00
10	QPSK	25	12	21.17	21.23	21.21	22.00
10	QPSK	25	25	21.20	21.13	21.06	22.00

10	QPSK	50	0	21.15	21.20	21.07	22.00
10	16QAM	1	0	21.11	21.16	21.27	22.00
10	16QAM	1	25	21.08	21.18	21.24	22.00
10	16QAM	1	49	21.12	21.18	21.17	22.00
10	16QAM	25	0	21.09	21.14	21.20	22.00
10	16QAM	25	12	21.13	21.06	21.16	22.00
10	16QAM	25	25	21.15	21.16	21.26	22.00
10	16QAM	50	0	21.19	21.19	21.12	22.00
10	64QAM	1	0	21.18	21.06	21.16	22.00
10	64QAM	1	25	21.18	21.12	21.15	22.00
10	64QAM	1	49	21.07	21.21	21.14	22.00
10	64QAM	25	0	20.66	20.80	20.74	21.50
10	64QAM	25	12	20.65	20.79	20.70	21.50
10	64QAM	25	25	20.71	20.84	20.77	21.50
10	64QAM	50	0	20.80	20.78	20.83	21.50
10	256QAM	1	0	18.75	18.72	18.70	19.50
10	256QAM	1	25	18.83	18.81	18.77	19.50
10	256QAM	1	49	18.68	18.79	18.87	19.50
10	256QAM	25	0	18.67	18.65	18.74	19.50
10	256QAM	25	12	18.78	18.76	18.72	19.50
10	256QAM	25	25	18.74	18.79	18.86	19.50
10	256QAM	50	0	18.68	18.82	18.80	19.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.23	21.25	21.34	22.00
5	QPSK	1	12	21.11	21.21	21.20	22.00
5	QPSK	1	24	21.21	21.15	21.18	22.00
5	QPSK	12	0	21.12	21.21	21.26	22.00
5	QPSK	12	7	21.13	21.20	21.16	22.00
5	QPSK	12	13	21.21	21.19	21.08	22.00
5	QPSK	25	0	21.08	21.20	21.07	22.00
5	16QAM	1	0	21.04	21.22	21.23	22.00
5	16QAM	1	12	21.05	21.09	21.20	22.00
5	16QAM	1	24	21.24	21.15	21.26	22.00
5	16QAM	12	0	21.16	21.20	21.21	22.00
5	16QAM	12	7	21.07	21.18	21.16	22.00
5	16QAM	12	13	21.13	21.19	21.28	22.00
5	16QAM	25	0	21.18	21.23	21.19	22.00
5	64QAM	1	0	21.13	21.18	21.25	22.00
5	64QAM	1	12	21.17	21.25	21.15	22.00
5	64QAM	1	24	21.10	21.18	21.14	22.00
5	64QAM	12	0	20.68	20.82	20.70	21.50
5	64QAM	12	7	20.71	20.83	20.80	21.50
5	64QAM	12	13	20.75	20.74	20.76	21.50
5	64QAM	25	0	20.76	20.80	20.78	21.50
5	256QAM	1	0	18.66	18.81	18.73	19.50
5	256QAM	1	12	18.71	18.74	18.68	19.50
5	256QAM	1	24	18.71	18.73	18.82	19.50
5	256QAM	12	0	18.74	18.71	18.83	19.50
5	256QAM	12	7	18.79	18.68	18.75	19.50
5	256QAM	12	13	18.64	18.72	18.76	19.50
5	256QAM	25	0	18.75	18.74	18.75	19.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.11	21.24	21.32	22.00
3	QPSK	1	8	21.13	21.17	21.17	22.00
3	QPSK	1	14	21.19	21.13	21.16	22.00
3	QPSK	8	0	21.17	21.20	21.30	22.00
3	QPSK	8	4	21.15	21.17	21.09	22.00
3	QPSK	8	7	21.21	21.16	21.13	22.00
3	QPSK	15	0	21.12	21.16	21.11	22.00
3	16QAM	1	0	21.17	21.19	21.18	22.00
3	16QAM	1	8	21.03	21.09	21.19	22.00
3	16QAM	1	14	21.15	21.26	21.18	22.00
3	16QAM	8	0	21.11	21.17	21.12	22.00
3	16QAM	8	4	21.15	21.07	21.23	22.00
3	16QAM	8	7	21.13	21.13	21.28	22.00
3	16QAM	15	0	21.24	21.19	21.21	22.00
3	64QAM	1	0	21.16	21.04	21.26	22.00
3	64QAM	1	8	21.15	21.20	21.17	22.00
3	64QAM	1	14	21.18	21.27	21.19	22.00
3	64QAM	8	0	20.68	20.76	20.77	21.50
3	64QAM	8	4	20.77	20.88	20.79	21.50
3	64QAM	8	7	20.67	20.75	20.71	21.50

3	64QAM	15	0	20.77	20.77	20.79	21.50
3	256QAM	1	0	18.73	18.75	18.74	19.50
3	256QAM	1	8	18.73	18.76	18.76	19.50
3	256QAM	1	14	18.71	18.69	18.88	19.50
3	256QAM	8	0	18.69	18.69	18.80	19.50
3	256QAM	8	4	18.75	18.73	18.74	19.50
3	256QAM	8	7	18.68	18.79	18.79	19.50
3	256QAM	15	0	18.67	18.72	18.78	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.20	21.36	21.21	22.00
1.4	QPSK	1	3	21.14	21.22	21.15	22.00
1.4	QPSK	1	5	21.16	21.14	21.17	22.00
1.4	QPSK	3	0	21.20	21.23	21.26	22.00
1.4	QPSK	3	1	21.17	21.15	21.13	22.00
1.4	QPSK	3	3	21.25	21.18	21.15	22.00
1.4	QPSK	6	0	21.11	21.18	21.06	22.00
1.4	16QAM	1	0	21.09	21.20	21.26	22.00
1.4	16QAM	1	3	21.12	21.10	21.19	22.00
1.4	16QAM	1	5	21.21	21.28	21.20	22.00
1.4	16QAM	3	0	21.07	21.06	21.16	22.00
1.4	16QAM	3	1	21.18	21.05	21.23	22.00
1.4	16QAM	3	3	21.11	21.15	21.28	22.00
1.4	16QAM	6	0	21.14	21.14	21.18	22.00
1.4	64QAM	1	0	21.16	21.06	21.17	22.00
1.4	64QAM	1	3	21.11	21.15	21.18	22.00
1.4	64QAM	1	5	21.14	21.21	21.19	22.00
1.4	64QAM	3	0	20.73	20.83	20.71	21.50
1.4	64QAM	3	1	20.79	20.85	20.77	21.50
1.4	64QAM	3	3	20.77	20.77	20.76	21.50
1.4	64QAM	6	0	20.75	20.76	20.80	21.50
1.4	256QAM	1	0	18.79	18.76	18.73	19.50
1.4	256QAM	1	3	18.83	18.68	18.66	19.50
1.4	256QAM	1	5	18.72	18.77	18.87	19.50
1.4	256QAM	3	0	18.66	18.74	18.81	19.50
1.4	256QAM	3	1	18.81	18.69	18.79	19.50
1.4	256QAM	3	3	18.64	18.81	18.80	19.50
1.4	256QAM	6	0	18.75	18.84	18.81	19.50

【LTE Band 2_Ant5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.81	23.85	23.84	24.50
20	QPSK	1	49	23.65	23.81	23.65	24.50
20	QPSK	1	99	23.66	23.78	23.65	24.50
20	QPSK	50	0	22.75	22.83	22.73	23.50
20	QPSK	50	24	22.68	22.75	22.69	23.50
20	QPSK	50	50	22.69	22.81	22.73	23.50
20	QPSK	100	0	22.68	22.81	22.67	23.50
20	16QAM	1	0	22.80	22.87	22.78	23.50
20	16QAM	1	49	22.69	22.85	22.73	23.50
20	16QAM	1	99	22.68	22.77	22.72	23.50
20	16QAM	50	0	21.74	21.84	21.73	22.50
20	16QAM	50	24	21.74	21.89	21.84	22.50
20	16QAM	50	50	21.60	21.78	21.66	22.50
20	16QAM	100	0	21.66	21.74	21.60	22.50
20	64QAM	1	0	21.66	21.81	21.66	22.50
20	64QAM	1	49	21.70	21.75	21.60	22.50
20	64QAM	1	99	21.76	21.84	21.78	22.50
20	64QAM	50	0	20.75	20.89	20.77	21.50
20	64QAM	50	24	20.79	20.84	20.68	21.50
20	64QAM	50	50	20.65	20.75	20.70	21.50
20	64QAM	100	0	20.67	20.78	20.69	21.50
20	256QAM	1	0	18.74	18.87	18.75	19.50
20	256QAM	1	49	18.65	18.78	18.66	19.50
20	256QAM	1	99	18.77	18.89	18.85	19.50
20	256QAM	50	0	18.79	18.85	18.76	19.50

20	256QAM	50	24	18.69	18.76	18.64	19.50
20	256QAM	50	50	18.69	18.84	18.74	19.50
20	256QAM	100	0	18.65	18.79	18.75	19.50
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	23.74	23.73	23.73	24.50
15	QPSK	1	37	23.54	23.70	23.51	24.50
15	QPSK	1	74	23.56	23.65	23.63	24.50
15	QPSK	36	0	22.62	22.79	22.55	23.50
15	QPSK	36	20	22.54	22.70	22.63	23.50
15	QPSK	36	39	22.56	22.73	22.68	23.50
15	QPSK	75	0	22.60	22.73	22.60	23.50
15	16QAM	1	0	22.78	22.84	22.74	23.50
15	16QAM	1	37	22.57	22.75	22.62	23.50
15	16QAM	1	74	22.62	22.67	22.61	23.50
15	16QAM	36	0	21.70	21.80	21.71	22.50
15	16QAM	36	20	21.71	21.84	21.78	22.50
15	16QAM	36	39	21.51	21.73	21.51	22.50
15	16QAM	75	0	21.53	21.61	21.48	22.50
15	64QAM	1	0	21.54	21.78	21.51	22.50
15	64QAM	1	37	21.68	21.68	21.47	22.50
15	64QAM	1	74	21.68	21.70	21.70	22.50
15	64QAM	36	0	20.64	20.81	20.68	21.50
15	64QAM	36	20	20.76	20.74	20.55	21.50
15	64QAM	36	39	20.64	20.64	20.56	21.50
15	64QAM	75	0	20.59	20.70	20.65	21.50
15	256QAM	1	0	18.73	18.82	18.67	19.50
15	256QAM	1	37	18.62	18.73	18.53	19.50
15	256QAM	1	74	18.71	18.80	18.79	19.50
15	256QAM	36	0	18.68	18.72	18.61	19.50
15	256QAM	36	20	18.65	18.75	18.54	19.50
15	256QAM	36	39	18.56	18.77	18.62	19.50
15	256QAM	75	0	18.54	18.68	18.66	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.79	23.79	23.71	24.50
10	QPSK	1	25	23.53	23.71	23.50	24.50
10	QPSK	1	49	23.65	23.69	23.60	24.50
10	QPSK	25	0	22.71	22.81	22.65	23.50
10	QPSK	25	12	22.56	22.64	22.64	23.50
10	QPSK	25	25	22.68	22.77	22.70	23.50
10	QPSK	50	0	22.66	22.70	22.62	23.50
10	16QAM	1	0	22.66	22.73	22.72	23.50
10	16QAM	1	25	22.65	22.79	22.62	23.50
10	16QAM	1	49	22.62	22.72	22.62	23.50
10	16QAM	25	0	21.70	21.81	21.60	22.50
10	16QAM	25	12	21.70	21.86	21.77	22.50
10	16QAM	25	25	21.56	21.74	21.52	22.50
10	16QAM	50	0	21.62	21.71	21.54	22.50
10	64QAM	1	0	21.52	21.69	21.57	22.50
10	64QAM	1	25	21.60	21.69	21.54	22.50
10	64QAM	1	49	21.75	21.78	21.73	22.50
10	64QAM	25	0	20.73	20.78	20.74	21.50
10	64QAM	25	12	20.72	20.69	20.64	21.50
10	64QAM	25	25	20.52	20.65	20.69	21.50
10	64QAM	50	0	20.55	20.74	20.63	21.50
10	256QAM	1	0	18.70	18.84	18.71	19.50
10	256QAM	1	25	18.50	18.75	18.55	19.50
10	256QAM	1	49	18.66	18.81	18.76	19.50
10	256QAM	25	0	18.66	18.77	18.70	19.50
10	256QAM	25	12	18.61	18.63	18.60	19.50
10	256QAM	25	25	18.65	18.69	18.70	19.50
10	256QAM	50	0	18.58	18.78	18.61	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.79	23.81	23.71	24.50
5	QPSK	1	12	23.56	23.68	23.59	24.50
5	QPSK	1	24	23.65	23.65	23.60	24.50
5	QPSK	12	0	22.66	22.76	22.57	23.50
5	QPSK	12	7	22.65	22.72	22.58	23.50
5	QPSK	12	13	22.58	22.78	22.72	23.50
5	QPSK	25	0	22.54	22.68	22.53	23.50
5	16QAM	1	0	22.70	22.79	22.75	23.50
5	16QAM	1	12	22.63	22.78	22.61	23.50

5	16QAM	1	24	22.63	22.74	22.67	23.50
5	16QAM	12	0	21.71	21.75	21.70	22.50
5	16QAM	12	7	21.65	21.76	21.70	22.50
5	16QAM	12	13	21.53	21.69	21.64	22.50
5	16QAM	25	0	21.63	21.67	21.58	22.50
5	64QAM	1	0	21.59	21.75	21.59	22.50
5	64QAM	1	12	21.57	21.70	21.54	22.50
5	64QAM	1	24	21.63	21.70	21.65	22.50
5	64QAM	12	0	20.62	20.85	20.73	21.50
5	64QAM	12	7	20.77	20.72	20.57	21.50
5	64QAM	12	13	20.55	20.61	20.61	21.50
5	64QAM	25	0	20.52	20.73	20.65	21.50
5	256QAM	1	0	18.69	18.76	18.68	19.50
5	256QAM	1	12	18.63	18.74	18.60	19.50
5	256QAM	1	24	18.65	18.79	18.84	19.50
5	256QAM	12	0	18.70	18.74	18.68	19.50
5	256QAM	12	7	18.57	18.65	18.56	19.50
5	256QAM	12	13	18.58	18.69	18.66	19.50
5	256QAM	25	0	18.58	18.72	18.69	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.75	23.81	23.75	24.50
3	QPSK	1	8	23.63	23.77	23.63	24.50
3	QPSK	1	14	23.52	23.74	23.54	24.50
3	QPSK	8	0	22.69	22.75	22.59	23.50
3	QPSK	8	4	22.56	22.65	22.65	23.50
3	QPSK	8	7	22.58	22.79	22.65	23.50
3	QPSK	15	0	22.66	22.75	22.63	23.50
3	16QAM	1	0	22.77	22.81	22.69	23.50
3	16QAM	1	8	22.65	22.84	22.62	23.50
3	16QAM	1	14	22.55	22.73	22.57	23.50
3	16QAM	8	0	21.59	21.77	21.64	22.50
3	16QAM	8	4	21.68	21.75	21.75	22.50
3	16QAM	8	7	21.46	21.71	21.58	22.50
3	16QAM	15	0	21.57	21.63	21.50	22.50
3	64QAM	1	0	21.52	21.78	21.57	22.50
3	64QAM	1	8	21.60	21.66	21.55	22.50
3	64QAM	1	14	21.65	21.76	21.69	22.50
3	64QAM	8	0	20.63	20.83	20.66	21.50
3	64QAM	8	4	20.64	20.80	20.67	21.50
3	64QAM	8	7	20.50	20.70	20.61	21.50
3	64QAM	15	0	20.57	20.71	20.65	21.50
3	256QAM	1	0	18.71	18.81	18.70	19.50
3	256QAM	1	8	18.56	18.74	18.54	19.50
3	256QAM	1	14	18.64	18.82	18.80	19.50
3	256QAM	8	0	18.76	18.72	18.64	19.50
3	256QAM	8	4	18.62	18.66	18.62	19.50
3	256QAM	8	7	18.65	18.81	18.71	19.50
3	256QAM	15	0	18.52	18.76	18.74	19.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.77	23.72	23.71	24.50
1.4	QPSK	1	3	23.61	23.69	23.63	24.50
1.4	QPSK	1	5	23.52	23.67	23.62	24.50
1.4	QPSK	3	0	23.67	23.68	23.68	24.50
1.4	QPSK	3	1	23.58	23.65	23.57	24.50
1.4	QPSK	3	3	23.58	23.79	23.61	24.50
1.4	QPSK	6	0	22.55	22.67	22.58	23.50
1.4	16QAM	1	0	22.75	22.76	22.71	23.50
1.4	16QAM	1	3	22.59	22.73	22.68	23.50
1.4	16QAM	1	5	22.56	22.69	22.60	23.50
1.4	16QAM	3	0	22.73	22.76	22.63	23.50
1.4	16QAM	3	1	22.68	22.83	22.74	23.50
1.4	16QAM	3	3	22.47	22.68	22.54	23.50
1.4	16QAM	6	0	21.59	21.69	21.48	22.50
1.4	64QAM	1	0	21.58	21.73	21.58	22.50
1.4	64QAM	1	3	21.57	21.63	21.58	22.50
1.4	64QAM	1	5	21.72	21.70	21.73	22.50
1.4	64QAM	3	0	21.70	21.78	21.67	22.50
1.4	64QAM	3	1	21.77	21.71	21.59	22.50
1.4	64QAM	3	3	21.52	21.69	21.63	22.50
1.4	64QAM	6	0	20.61	20.70	20.67	21.50
1.4	256QAM	1	0	18.66	18.72	18.68	19.50
1.4	256QAM	1	3	18.55	18.76	18.59	19.50

1.4	256QAM	1	5	18.74	18.81	18.79	19.50
1.4	256QAM	3	0	18.69	18.82	18.62	19.50
1.4	256QAM	3	1	18.55	18.62	18.59	19.50
1.4	256QAM	3	3	18.56	18.74	18.61	19.50
1.4	256QAM	6	0	18.60	18.65	18.61	19.50

【LTE Band 2_Ant5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.33	19.39	19.32	20.00
20	QPSK	1	49	19.27	19.29	19.20	20.00
20	QPSK	1	99	19.27	19.28	19.20	20.00
20	QPSK	50	0	19.26	19.33	19.29	20.00
20	QPSK	50	24	19.22	19.24	19.29	20.00
20	QPSK	50	50	19.24	19.19	19.29	20.00
20	QPSK	100	0	19.16	19.30	19.19	20.00
20	16QAM	1	0	19.24	19.28	19.28	20.00
20	16QAM	1	49	19.25	19.31	19.20	20.00
20	16QAM	1	99	19.18	19.20	19.22	20.00
20	16QAM	50	0	19.25	19.26	19.29	20.00
20	16QAM	50	24	19.17	19.22	19.27	20.00
20	16QAM	50	50	19.22	19.26	19.24	20.00
20	16QAM	100	0	19.26	19.30	19.23	20.00
20	64QAM	1	0	19.25	19.27	19.22	20.00
20	64QAM	1	49	19.18	19.27	19.26	20.00
20	64QAM	1	99	19.15	19.29	19.28	20.00
20	64QAM	50	0	19.17	19.25	19.27	20.00
20	64QAM	50	24	19.15	19.26	19.20	20.00
20	64QAM	50	50	19.23	19.30	19.18	20.00
20	64QAM	100	0	19.24	19.23	19.23	20.00
20	256QAM	1	0	18.81	18.80	18.80	19.50
20	256QAM	1	49	18.75	18.88	18.86	19.50
20	256QAM	1	99	18.81	18.85	18.81	19.50
20	256QAM	50	0	18.78	18.91	18.80	19.50
20	256QAM	50	24	18.82	18.79	18.82	19.50
20	256QAM	50	50	18.81	18.89	18.80	19.50
20	256QAM	100	0	18.85	18.83	18.85	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.27	19.33	19.27	20.00
15	QPSK	1	37	19.12	19.20	19.16	20.00
15	QPSK	1	74	19.26	19.24	19.17	20.00
15	QPSK	36	0	19.12	19.29	19.22	20.00
15	QPSK	36	20	19.13	19.10	19.18	20.00
15	QPSK	36	39	19.17	19.08	19.15	20.00
15	QPSK	75	0	19.02	19.19	19.13	20.00
15	16QAM	1	0	19.20	19.15	19.18	20.00
15	16QAM	1	37	19.21	19.30	19.14	20.00
15	16QAM	1	74	19.05	19.17	19.17	20.00
15	16QAM	36	0	19.13	19.12	19.21	20.00
15	16QAM	36	20	19.03	19.18	19.14	20.00
15	16QAM	36	39	19.18	19.13	19.16	20.00
15	16QAM	75	0	19.15	19.26	19.09	20.00
15	64QAM	1	0	19.21	19.21	19.15	20.00
15	64QAM	1	37	19.13	19.15	19.16	20.00
15	64QAM	1	74	19.10	19.23	19.15	20.00
15	64QAM	36	0	19.07	19.14	19.23	20.00
15	64QAM	36	20	19.10	19.14	19.07	20.00
15	64QAM	36	39	19.08	19.26	19.07	20.00
15	64QAM	75	0	19.16	19.21	19.16	20.00
15	256QAM	1	0	18.71	18.73	18.68	19.50
15	256QAM	1	37	18.66	18.79	18.77	19.50
15	256QAM	1	74	18.73	18.82	18.74	19.50
15	256QAM	36	0	18.68	18.80	18.67	19.50
15	256QAM	36	20	18.78	18.72	18.69	19.50
15	256QAM	36	39	18.69	18.87	18.70	19.50
15	256QAM	75	0	18.80	18.68	18.83	19.50

Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.23	19.33	19.24	20.00
10	QPSK	1	25	19.15	19.25	19.14	20.00
10	QPSK	1	49	19.23	19.19	19.10	20.00
10	QPSK	25	0	19.21	19.30	19.16	20.00
10	QPSK	25	12	19.07	19.17	19.21	20.00
10	QPSK	25	25	19.18	19.16	19.28	20.00
10	QPSK	50	0	19.03	19.19	19.06	20.00
10	16QAM	1	0	19.12	19.19	19.16	20.00
10	16QAM	1	25	19.19	19.25	19.08	20.00
10	16QAM	1	49	19.07	19.05	19.08	20.00
10	16QAM	25	0	19.12	19.22	19.20	20.00
10	16QAM	25	12	19.09	19.19	19.24	20.00
10	16QAM	25	25	19.10	19.11	19.18	20.00
10	16QAM	50	0	19.15	19.26	19.13	20.00
10	64QAM	1	0	19.11	19.26	19.17	20.00
10	64QAM	1	25	19.14	19.25	19.16	20.00
10	64QAM	1	49	19.04	19.16	19.24	20.00
10	64QAM	25	0	19.16	19.21	19.25	20.00
10	64QAM	25	12	19.02	19.24	19.17	20.00
10	64QAM	25	25	19.10	19.22	19.10	20.00
10	64QAM	50	0	19.23	19.17	19.10	20.00
10	256QAM	1	0	18.74	18.70	18.76	19.50
10	256QAM	1	25	18.73	18.84	18.84	19.50
10	256QAM	1	49	18.67	18.77	18.76	19.50
10	256QAM	25	0	18.75	18.84	18.66	19.50
10	256QAM	25	12	18.81	18.73	18.72	19.50
10	256QAM	25	25	18.72	18.76	18.73	19.50
10	256QAM	50	0	18.83	18.75	18.73	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.19	19.28	19.29	20.00
5	QPSK	1	12	19.23	19.21	19.12	20.00
5	QPSK	1	24	19.16	19.22	19.08	20.00
5	QPSK	12	0	19.15	19.28	19.25	20.00
5	QPSK	12	7	19.11	19.11	19.22	20.00
5	QPSK	12	13	19.10	19.09	19.20	20.00
5	QPSK	25	0	19.13	19.18	19.11	20.00
5	16QAM	1	0	19.10	19.13	19.23	20.00
5	16QAM	1	12	19.14	19.28	19.08	20.00
5	16QAM	1	24	19.13	19.17	19.18	20.00
5	16QAM	12	0	19.22	19.12	19.15	20.00
5	16QAM	12	7	19.13	19.20	19.18	20.00
5	16QAM	12	13	19.14	19.25	19.18	20.00
5	16QAM	25	0	19.16	19.18	19.14	20.00
5	64QAM	1	0	19.22	19.14	19.10	20.00
5	64QAM	1	12	19.11	19.17	19.15	20.00
5	64QAM	1	24	19.06	19.26	19.17	20.00
5	64QAM	12	0	19.10	19.19	19.20	20.00
5	64QAM	12	7	19.12	19.21	19.09	20.00
5	64QAM	12	13	19.21	19.18	19.14	20.00
5	64QAM	25	0	19.11	19.12	19.12	20.00
5	256QAM	1	0	18.68	18.76	18.69	19.50
5	256QAM	1	12	18.64	18.85	18.78	19.50
5	256QAM	1	24	18.67	18.73	18.74	19.50
5	256QAM	12	0	18.76	18.83	18.70	19.50
5	256QAM	12	7	18.71	18.66	18.68	19.50
5	256QAM	12	13	18.73	18.84	18.72	19.50
5	256QAM	25	0	18.74	18.69	18.78	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.21	19.38	19.28	20.00
3	QPSK	1	8	19.23	19.22	19.11	20.00
3	QPSK	1	14	19.25	19.27	19.07	20.00
3	QPSK	8	0	19.21	19.20	19.21	20.00
3	QPSK	8	4	19.12	19.18	19.22	20.00
3	QPSK	8	7	19.18	19.12	19.18	20.00
3	QPSK	15	0	19.04	19.25	19.06	20.00
3	16QAM	1	0	19.13	19.17	19.17	20.00
3	16QAM	1	8	19.11	19.21	19.11	20.00
3	16QAM	1	14	19.15	19.06	19.08	20.00
3	16QAM	8	0	19.22	19.15	19.22	20.00
3	16QAM	8	4	19.03	19.16	19.22	20.00

3	16QAM	8	7	19.18	19.19	19.17	20.00
3	16QAM	15	0	19.17	19.18	19.17	20.00
3	64QAM	1	0	19.16	19.17	19.14	20.00
3	64QAM	1	8	19.08	19.15	19.21	20.00
3	64QAM	1	14	19.06	19.25	19.19	20.00
3	64QAM	8	0	19.11	19.21	19.14	20.00
3	64QAM	8	4	19.13	19.23	19.06	20.00
3	64QAM	8	7	19.14	19.18	19.04	20.00
3	64QAM	15	0	19.19	19.16	19.14	20.00
3	256QAM	1	0	18.73	18.70	18.75	19.50
3	256QAM	1	8	18.65	18.82	18.83	19.50
3	256QAM	1	14	18.67	18.75	18.73	19.50
3	256QAM	8	0	18.72	18.87	18.73	19.50
3	256QAM	8	4	18.80	18.65	18.71	19.50
3	256QAM	8	7	18.69	18.79	18.67	19.50
3	256QAM	15	0	18.72	18.82	18.76	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.22	19.36	19.29	20.00
1.4	QPSK	1	3	19.26	19.16	19.12	20.00
1.4	QPSK	1	5	19.18	19.26	19.17	20.00
1.4	QPSK	3	0	19.12	19.23	19.27	20.00
1.4	QPSK	3	1	19.11	19.20	19.21	20.00
1.4	QPSK	3	3	19.16	19.12	19.25	20.00
1.4	QPSK	6	0	19.01	19.29	19.14	20.00
1.4	16QAM	1	0	19.20	19.25	19.19	20.00
1.4	16QAM	1	3	19.21	19.24	19.13	20.00
1.4	16QAM	1	5	19.11	19.10	19.20	20.00
1.4	16QAM	3	0	19.19	19.13	19.17	20.00
1.4	16QAM	3	1	19.04	19.08	19.21	20.00
1.4	16QAM	3	3	19.21	19.14	19.18	20.00
1.4	16QAM	6	0	19.15	19.22	19.08	20.00
1.4	64QAM	1	0	19.19	19.21	19.19	20.00
1.4	64QAM	1	3	19.08	19.14	19.12	20.00
1.4	64QAM	1	5	19.11	19.17	19.25	20.00
1.4	64QAM	3	0	19.09	19.15	19.22	20.00
1.4	64QAM	3	1	19.10	19.19	19.14	20.00
1.4	64QAM	3	3	19.13	19.24	19.15	20.00
1.4	64QAM	6	0	19.15	19.17	19.21	20.00
1.4	256QAM	1	0	18.75	18.73	18.69	19.50
1.4	256QAM	1	3	18.71	18.75	18.76	19.50
1.4	256QAM	1	5	18.72	18.77	18.70	19.50
1.4	256QAM	3	0	18.63	18.84	18.70	19.50
1.4	256QAM	3	1	18.79	18.72	18.67	19.50
1.4	256QAM	3	3	18.72	18.86	18.66	19.50
1.4	256QAM	6	0	18.83	18.72	18.83	19.50

【LTE Band 2_Ant6_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	24.05	24.10	24.06	25.00
20	QPSK	1	49	23.90	24.04	23.90	25.00
20	QPSK	1	99	23.80	23.94	23.83	25.00
20	QPSK	50	0	22.96	23.08	23.05	24.00
20	QPSK	50	24	22.76	22.95	22.77	24.00
20	QPSK	50	50	22.80	23.00	22.85	24.00
20	QPSK	100	0	22.97	23.05	22.91	24.00
20	16QAM	1	0	22.76	22.83	22.65	24.00
20	16QAM	1	49	22.71	22.88	22.76	24.00
20	16QAM	1	99	22.77	22.85	22.76	24.00
20	16QAM	50	0	21.80	21.90	21.76	23.00
20	16QAM	50	24	21.66	21.84	21.76	23.00
20	16QAM	50	50	21.62	21.81	21.69	23.00
20	16QAM	100	0	21.83	21.94	21.88	23.00
20	64QAM	1	0	21.71	21.81	21.76	23.00
20	64QAM	1	49	21.71	21.85	21.71	23.00
20	64QAM	1	99	21.73	21.82	21.67	23.00

20	64QAM	50	0	20.85	20.93	20.76	22.00
20	64QAM	50	24	20.59	20.75	20.66	22.00
20	64QAM	50	50	20.68	20.84	20.72	22.00
20	64QAM	100	0	20.74	20.85	20.73	22.00
20	256QAM	1	0	18.72	18.90	18.79	20.00
20	256QAM	1	49	18.70	18.87	18.71	20.00
20	256QAM	1	99	18.64	18.72	18.60	20.00
20	256QAM	50	0	18.65	18.80	18.63	20.00
20	256QAM	50	24	18.75	18.82	18.76	20.00
20	256QAM	50	50	18.70	18.78	18.67	20.00
20	256QAM	100	0	18.63	18.74	18.61	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.94	23.98	24.00	25.00
15	QPSK	1	37	23.85	24.02	23.87	25.00
15	QPSK	1	74	23.68	23.86	23.73	25.00
15	QPSK	36	0	22.91	23.04	22.94	24.00
15	QPSK	36	20	22.69	22.83	22.72	24.00
15	QPSK	36	39	22.69	22.92	22.73	24.00
15	QPSK	75	0	22.88	22.93	22.76	24.00
15	16QAM	1	0	22.73	22.71	22.58	24.00
15	16QAM	1	37	22.59	22.84	22.62	24.00
15	16QAM	1	74	22.64	22.77	22.62	24.00
15	16QAM	36	0	21.67	21.79	21.73	23.00
15	16QAM	36	20	21.63	21.77	21.64	23.00
15	16QAM	36	39	21.53	21.72	21.66	23.00
15	16QAM	75	0	21.68	21.80	21.76	23.00
15	64QAM	1	0	21.63	21.79	21.64	23.00
15	64QAM	1	37	21.56	21.78	21.60	23.00
15	64QAM	1	74	21.65	21.71	21.61	23.00
15	64QAM	36	0	20.72	20.81	20.75	22.00
15	64QAM	36	20	20.47	20.62	20.57	22.00
15	64QAM	36	39	20.53	20.72	20.57	22.00
15	64QAM	75	0	20.61	20.77	20.70	22.00
15	256QAM	1	0	18.69	18.79	18.72	20.00
15	256QAM	1	37	18.68	18.84	18.60	20.00
15	256QAM	1	74	18.62	18.58	18.51	20.00
15	256QAM	36	0	18.51	18.72	18.52	20.00
15	256QAM	36	20	18.68	18.75	18.64	20.00
15	256QAM	36	39	18.60	18.66	18.66	20.00
15	256QAM	75	0	18.55	18.71	18.48	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.90	24.07	24.01	25.00
10	QPSK	1	25	23.75	23.91	23.77	25.00
10	QPSK	1	49	23.66	23.79	23.73	25.00
10	QPSK	25	0	22.87	22.95	22.90	24.00
10	QPSK	25	12	22.73	22.93	22.64	24.00
10	QPSK	25	25	22.78	22.87	22.74	24.00
10	QPSK	50	0	22.92	22.94	22.80	24.00
10	16QAM	1	0	22.71	22.72	22.58	24.00
10	16QAM	1	25	22.65	22.87	22.63	24.00
10	16QAM	1	49	22.72	22.83	22.73	24.00
10	16QAM	25	0	21.65	21.87	21.62	23.00
10	16QAM	25	12	21.61	21.81	21.68	23.00
10	16QAM	25	25	21.51	21.77	21.61	23.00
10	16QAM	50	0	21.76	21.85	21.73	23.00
10	64QAM	1	0	21.67	21.77	21.73	23.00
10	64QAM	1	25	21.59	21.75	21.64	23.00
10	64QAM	1	49	21.60	21.77	21.58	23.00
10	64QAM	25	0	20.76	20.81	20.65	22.00
10	64QAM	25	12	20.51	20.64	20.58	22.00
10	64QAM	25	25	20.62	20.78	20.69	22.00
10	64QAM	50	0	20.67	20.81	20.61	22.00
10	256QAM	1	0	18.66	18.82	18.75	20.00
10	256QAM	1	25	18.64	18.72	18.65	20.00
10	256QAM	1	49	18.49	18.69	18.48	20.00
10	256QAM	25	0	18.53	18.72	18.56	20.00
10	256QAM	25	12	18.66	18.69	18.75	20.00
10	256QAM	25	25	18.64	18.73	18.54	20.00
10	256QAM	50	0	18.60	18.68	18.49	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.02	23.99	24.01	25.00

5	QPSK	1	12	23.83	23.91	23.75	25.00
5	QPSK	1	24	23.72	23.86	23.78	25.00
5	QPSK	12	0	22.92	23.01	22.81	24.00
5	QPSK	12	7	22.74	22.81	22.63	24.00
5	QPSK	12	13	22.76	22.95	22.73	24.00
5	QPSK	25	0	22.88	22.99	22.83	24.00
5	16QAM	1	0	22.71	22.77	22.55	24.00
5	16QAM	1	12	22.63	22.77	22.68	24.00
5	16QAM	1	24	22.75	22.76	22.65	24.00
5	16QAM	12	0	21.75	21.81	21.66	23.00
5	16QAM	12	7	21.57	21.77	21.69	23.00
5	16QAM	12	13	21.57	21.69	21.59	23.00
5	16QAM	25	0	21.78	21.80	21.73	23.00
5	64QAM	1	0	21.64	21.68	21.68	23.00
5	64QAM	1	12	21.59	21.77	21.60	23.00
5	64QAM	1	24	21.71	21.73	21.57	23.00
5	64QAM	12	0	20.78	20.88	20.66	22.00
5	64QAM	12	7	20.54	20.71	20.55	22.00
5	64QAM	12	13	20.55	20.73	20.63	22.00
5	64QAM	25	0	20.63	20.79	20.58	22.00
5	256QAM	1	0	18.64	18.80	18.73	20.00
5	256QAM	1	12	18.61	18.79	18.56	20.00
5	256QAM	1	24	18.52	18.69	18.49	20.00
5	256QAM	12	0	18.50	18.71	18.54	20.00
5	256QAM	12	7	18.62	18.68	18.67	20.00
5	256QAM	12	13	18.61	18.75	18.62	20.00
5	256QAM	25	0	18.49	18.61	18.46	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.94	24.08	23.96	25.00
3	QPSK	1	8	23.88	23.90	23.87	25.00
3	QPSK	1	14	23.69	23.88	23.69	25.00
3	QPSK	8	0	22.88	22.95	22.81	24.00
3	QPSK	8	4	22.71	22.91	22.75	24.00
3	QPSK	8	7	22.76	22.96	22.70	24.00
3	QPSK	15	0	22.83	23.00	22.80	24.00
3	16QAM	1	0	22.68	22.73	22.50	24.00
3	16QAM	1	8	22.69	22.75	22.72	24.00
3	16QAM	1	14	22.69	22.78	22.74	24.00
3	16QAM	8	0	21.67	21.88	21.62	23.00
3	16QAM	8	4	21.57	21.80	21.69	23.00
3	16QAM	8	7	21.55	21.76	21.62	23.00
3	16QAM	15	0	21.77	21.92	21.84	23.00
3	64QAM	1	0	21.70	21.68	21.67	23.00
3	64QAM	1	8	21.65	21.84	21.61	23.00
3	64QAM	1	14	21.69	21.76	21.58	23.00
3	64QAM	8	0	20.74	20.84	20.71	22.00
3	64QAM	8	4	20.57	20.72	20.52	22.00
3	64QAM	8	7	20.67	20.74	20.59	22.00
3	64QAM	15	0	20.63	20.75	20.66	22.00
3	256QAM	1	0	18.61	18.86	18.74	20.00
3	256QAM	1	8	18.66	18.72	18.62	20.00
3	256QAM	1	14	18.57	18.70	18.54	20.00
3	256QAM	8	0	18.55	18.71	18.48	20.00
3	256QAM	8	4	18.64	18.67	18.72	20.00
3	256QAM	8	7	18.60	18.76	18.58	20.00
3	256QAM	15	0	18.59	18.72	18.48	20.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.96	24.05	23.95	25.00
1.4	QPSK	1	3	23.76	23.90	23.84	25.00
1.4	QPSK	1	5	23.69	23.88	23.79	25.00
1.4	QPSK	3	0	23.88	24.03	23.89	25.00
1.4	QPSK	3	1	23.71	23.88	23.62	25.00
1.4	QPSK	3	3	23.74	23.88	23.73	25.00
1.4	QPSK	6	0	22.83	23.01	22.79	24.00
1.4	16QAM	1	0	22.69	22.77	22.53	24.00
1.4	16QAM	1	3	22.57	22.82	22.64	24.00
1.4	16QAM	1	5	22.70	22.80	22.63	24.00
1.4	16QAM	3	0	22.75	22.79	22.62	24.00
1.4	16QAM	3	1	22.51	22.81	22.67	24.00
1.4	16QAM	3	3	22.59	22.71	22.63	24.00
1.4	16QAM	6	0	21.69	21.84	21.83	23.00
1.4	64QAM	1	0	21.63	21.75	21.65	23.00

1.4	64QAM	1	3	21.67	21.74	21.67	23.00
1.4	64QAM	1	5	21.61	21.71	21.63	23.00
1.4	64QAM	3	0	21.76	21.87	21.75	23.00
1.4	64QAM	3	1	21.52	21.73	21.65	23.00
1.4	64QAM	3	3	21.59	21.79	21.62	23.00
1.4	64QAM	6	0	20.69	20.75	20.71	22.00
1.4	256QAM	1	0	18.58	18.87	18.69	20.00
1.4	256QAM	1	3	18.65	18.84	18.57	20.00
1.4	256QAM	1	5	18.62	18.69	18.52	20.00
1.4	256QAM	3	0	18.62	18.72	18.61	20.00
1.4	256QAM	3	1	18.66	18.69	18.62	20.00
1.4	256QAM	3	3	18.56	18.66	18.65	20.00
1.4	256QAM	6	0	18.56	18.60	18.55	20.00

【LTE Band 2_Ant6_DS11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.05	24.10	24.06	25.00
20	QPSK	1	49	23.90	24.04	23.90	25.00
20	QPSK	1	99	23.80	23.94	23.83	25.00
20	QPSK	50	0	22.96	23.08	23.05	24.00
20	QPSK	50	24	22.76	22.95	22.77	24.00
20	QPSK	50	50	22.80	23.00	22.85	24.00
20	QPSK	100	0	22.97	23.05	22.91	24.00
20	16QAM	1	0	22.76	22.83	22.65	24.00
20	16QAM	1	49	22.71	22.88	22.76	24.00
20	16QAM	1	99	22.77	22.85	22.76	24.00
20	16QAM	50	0	21.80	21.90	21.76	23.00
20	16QAM	50	24	21.66	21.84	21.76	23.00
20	16QAM	50	50	21.62	21.81	21.69	23.00
20	16QAM	100	0	21.83	21.94	21.88	23.00
20	64QAM	1	0	21.71	21.81	21.76	23.00
20	64QAM	1	49	21.71	21.85	21.71	23.00
20	64QAM	1	99	21.73	21.82	21.67	23.00
20	64QAM	50	0	20.85	20.93	20.76	22.00
20	64QAM	50	24	20.59	20.75	20.66	22.00
20	64QAM	50	50	20.68	20.84	20.72	22.00
20	64QAM	100	0	20.74	20.85	20.73	22.00
20	256QAM	1	0	18.72	18.90	18.79	20.00
20	256QAM	1	49	18.70	18.87	18.71	20.00
20	256QAM	1	99	18.64	18.72	18.60	20.00
20	256QAM	50	0	18.65	18.80	18.63	20.00
20	256QAM	50	24	18.75	18.82	18.76	20.00
20	256QAM	50	50	18.70	18.78	18.67	20.00
20	256QAM	100	0	18.63	18.74	18.61	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.94	23.98	24.00	25.00
15	QPSK	1	37	23.85	24.02	23.87	25.00
15	QPSK	1	74	23.68	23.86	23.73	25.00
15	QPSK	36	0	22.91	23.04	22.94	24.00
15	QPSK	36	20	22.69	22.83	22.72	24.00
15	QPSK	36	39	22.69	22.92	22.73	24.00
15	QPSK	75	0	22.88	22.93	22.76	24.00
15	16QAM	1	0	22.73	22.71	22.58	24.00
15	16QAM	1	37	22.59	22.84	22.62	24.00
15	16QAM	1	74	22.64	22.77	22.62	24.00
15	16QAM	36	0	21.67	21.79	21.73	23.00
15	16QAM	36	20	21.63	21.77	21.64	23.00
15	16QAM	36	39	21.53	21.72	21.66	23.00
15	16QAM	75	0	21.68	21.80	21.76	23.00
15	64QAM	1	0	21.63	21.79	21.64	23.00
15	64QAM	1	37	21.56	21.78	21.60	23.00
15	64QAM	1	74	21.65	21.71	21.61	23.00
15	64QAM	36	0	20.72	20.81	20.75	22.00
15	64QAM	36	20	20.47	20.62	20.57	22.00
15	64QAM	36	39	20.53	20.72	20.57	22.00

15	64QAM	75	0	20.61	20.77	20.70	22.00
15	256QAM	1	0	18.69	18.79	18.72	20.00
15	256QAM	1	37	18.68	18.84	18.60	20.00
15	256QAM	1	74	18.62	18.58	18.51	20.00
15	256QAM	36	0	18.51	18.72	18.52	20.00
15	256QAM	36	20	18.68	18.75	18.64	20.00
15	256QAM	36	39	18.60	18.66	18.66	20.00
15	256QAM	75	0	18.55	18.71	18.48	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.90	24.07	24.01	25.00
10	QPSK	1	25	23.75	23.91	23.77	25.00
10	QPSK	1	49	23.66	23.79	23.73	25.00
10	QPSK	25	0	22.87	22.95	22.90	24.00
10	QPSK	25	12	22.73	22.93	22.64	24.00
10	QPSK	25	25	22.78	22.87	22.74	24.00
10	QPSK	50	0	22.92	22.94	22.80	24.00
10	16QAM	1	0	22.71	22.72	22.58	24.00
10	16QAM	1	25	22.65	22.87	22.63	24.00
10	16QAM	1	49	22.72	22.83	22.73	24.00
10	16QAM	25	0	21.65	21.87	21.62	23.00
10	16QAM	25	12	21.61	21.81	21.68	23.00
10	16QAM	25	25	21.51	21.77	21.61	23.00
10	16QAM	50	0	21.76	21.85	21.73	23.00
10	64QAM	1	0	21.67	21.77	21.73	23.00
10	64QAM	1	25	21.59	21.75	21.64	23.00
10	64QAM	1	49	21.60	21.77	21.58	23.00
10	64QAM	25	0	20.76	20.81	20.65	22.00
10	64QAM	25	12	20.51	20.64	20.58	22.00
10	64QAM	25	25	20.62	20.78	20.69	22.00
10	64QAM	50	0	20.67	20.81	20.61	22.00
10	256QAM	1	0	18.66	18.82	18.75	20.00
10	256QAM	1	25	18.64	18.72	18.65	20.00
10	256QAM	1	49	18.49	18.69	18.48	20.00
10	256QAM	25	0	18.53	18.72	18.56	20.00
10	256QAM	25	12	18.66	18.69	18.75	20.00
10	256QAM	25	25	18.64	18.73	18.54	20.00
10	256QAM	50	0	18.60	18.68	18.49	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.02	23.99	24.01	25.00
5	QPSK	1	12	23.83	23.91	23.75	25.00
5	QPSK	1	24	23.72	23.86	23.78	25.00
5	QPSK	12	0	22.92	23.01	22.81	24.00
5	QPSK	12	7	22.74	22.81	22.63	24.00
5	QPSK	12	13	22.76	22.95	22.73	24.00
5	QPSK	25	0	22.88	22.99	22.83	24.00
5	16QAM	1	0	22.71	22.77	22.55	24.00
5	16QAM	1	12	22.63	22.77	22.68	24.00
5	16QAM	1	24	22.75	22.76	22.65	24.00
5	16QAM	12	0	21.75	21.81	21.66	23.00
5	16QAM	12	7	21.57	21.77	21.69	23.00
5	16QAM	12	13	21.57	21.69	21.59	23.00
5	16QAM	25	0	21.78	21.80	21.73	23.00
5	64QAM	1	0	21.64	21.68	21.68	23.00
5	64QAM	1	12	21.59	21.77	21.60	23.00
5	64QAM	1	24	21.71	21.73	21.57	23.00
5	64QAM	12	0	20.78	20.88	20.66	22.00
5	64QAM	12	7	20.54	20.71	20.55	22.00
5	64QAM	12	13	20.55	20.73	20.63	22.00
5	64QAM	25	0	20.63	20.79	20.58	22.00
5	256QAM	1	0	18.64	18.80	18.73	20.00
5	256QAM	1	12	18.61	18.79	18.56	20.00
5	256QAM	1	24	18.52	18.69	18.49	20.00
5	256QAM	12	0	18.50	18.71	18.54	20.00
5	256QAM	12	7	18.62	18.68	18.67	20.00
5	256QAM	12	13	18.61	18.75	18.62	20.00
5	256QAM	25	0	18.49	18.61	18.46	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.94	24.08	23.96	25.00
3	QPSK	1	8	23.88	23.90	23.87	25.00
3	QPSK	1	14	23.69	23.88	23.69	25.00
3	QPSK	8	0	22.88	22.95	22.81	24.00

3	QPSK	8	4	22.71	22.91	22.75	24.00
3	QPSK	8	7	22.76	22.96	22.70	24.00
3	QPSK	15	0	22.83	23.00	22.80	24.00
3	16QAM	1	0	22.68	22.73	22.50	24.00
3	16QAM	1	8	22.69	22.75	22.72	24.00
3	16QAM	1	14	22.69	22.78	22.74	24.00
3	16QAM	8	0	21.67	21.88	21.62	23.00
3	16QAM	8	4	21.57	21.80	21.69	23.00
3	16QAM	8	7	21.55	21.76	21.62	23.00
3	16QAM	15	0	21.77	21.92	21.84	23.00
3	64QAM	1	0	21.70	21.68	21.67	23.00
3	64QAM	1	8	21.65	21.84	21.61	23.00
3	64QAM	1	14	21.69	21.76	21.58	23.00
3	64QAM	8	0	20.74	20.84	20.71	22.00
3	64QAM	8	4	20.57	20.72	20.52	22.00
3	64QAM	8	7	20.67	20.74	20.59	22.00
3	64QAM	15	0	20.63	20.75	20.66	22.00
3	256QAM	1	0	18.61	18.86	18.74	20.00
3	256QAM	1	8	18.66	18.72	18.62	20.00
3	256QAM	1	14	18.57	18.70	18.54	20.00
3	256QAM	8	0	18.55	18.71	18.48	20.00
3	256QAM	8	4	18.64	18.67	18.72	20.00
3	256QAM	8	7	18.60	18.76	18.58	20.00
3	256QAM	15	0	18.59	18.72	18.48	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.96	24.05	23.95	25.00
1.4	QPSK	1	3	23.76	23.90	23.84	25.00
1.4	QPSK	1	5	23.69	23.88	23.79	25.00
1.4	QPSK	3	0	23.88	24.03	23.89	25.00
1.4	QPSK	3	1	23.71	23.88	23.62	25.00
1.4	QPSK	3	3	23.74	23.88	23.73	25.00
1.4	QPSK	6	0	22.83	23.01	22.79	24.00
1.4	16QAM	1	0	22.69	22.77	22.53	24.00
1.4	16QAM	1	3	22.57	22.82	22.64	24.00
1.4	16QAM	1	5	22.70	22.80	22.63	24.00
1.4	16QAM	3	0	22.75	22.79	22.62	24.00
1.4	16QAM	3	1	22.51	22.81	22.67	24.00
1.4	16QAM	3	3	22.59	22.71	22.63	24.00
1.4	16QAM	6	0	21.69	21.84	21.83	23.00
1.4	64QAM	1	0	21.63	21.75	21.65	23.00
1.4	64QAM	1	3	21.67	21.74	21.67	23.00
1.4	64QAM	1	5	21.61	21.71	21.63	23.00
1.4	64QAM	3	0	21.76	21.87	21.75	23.00
1.4	64QAM	3	1	21.52	21.73	21.65	23.00
1.4	64QAM	3	3	21.59	21.79	21.62	23.00
1.4	64QAM	6	0	20.69	20.75	20.71	22.00
1.4	256QAM	1	0	18.58	18.87	18.69	20.00
1.4	256QAM	1	3	18.65	18.84	18.57	20.00
1.4	256QAM	1	5	18.62	18.69	18.52	20.00
1.4	256QAM	3	0	18.62	18.72	18.61	20.00
1.4	256QAM	3	1	18.66	18.69	18.62	20.00
1.4	256QAM	3	3	18.56	18.66	18.65	20.00
1.4	256QAM	6	0	18.56	18.60	18.55	20.00

【LTE Band 2_Ant6_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.62	18.65	18.59	19.50
20	QPSK	1	49	18.49	18.59	18.44	19.50
20	QPSK	1	99	18.52	18.57	18.47	19.50
20	QPSK	50	0	18.53	18.62	18.54	19.50
20	QPSK	50	24	18.47	18.54	18.38	19.50
20	QPSK	50	50	18.45	18.58	18.49	19.50
20	QPSK	100	0	18.45	18.59	18.49	19.50
20	16QAM	1	0	18.47	18.56	18.46	19.50
20	16QAM	1	49	18.41	18.49	18.35	19.50

20	16QAM	1	99	18.55	18.60	18.48	19.50
20	16QAM	50	0	18.39	18.55	18.39	19.50
20	16QAM	50	24	18.42	18.53	18.38	19.50
20	16QAM	50	50	18.38	18.51	18.38	19.50
20	16QAM	100	0	18.34	18.49	18.34	19.50
20	64QAM	1	0	18.46	18.51	18.36	19.50
20	64QAM	1	49	18.41	18.50	18.35	19.50
20	64QAM	1	99	18.47	18.58	18.39	19.50
20	64QAM	50	0	18.52	18.58	18.50	19.50
20	64QAM	50	24	18.39	18.56	18.36	19.50
20	64QAM	50	50	18.48	18.58	18.49	19.50
20	64QAM	100	0	18.50	18.58	18.40	19.50
20	256QAM	1	0	18.45	18.56	18.39	19.50
20	256QAM	1	49	18.40	18.50	18.41	19.50
20	256QAM	1	99	18.47	18.55	18.47	19.50
20	256QAM	50	0	18.42	18.56	18.38	19.50
20	256QAM	50	24	18.33	18.49	18.41	19.50
20	256QAM	50	50	18.41	18.50	18.36	19.50
20	256QAM	100	0	18.39	18.52	18.44	19.50
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	18.59	18.60	18.47	19.50
15	QPSK	1	37	18.39	18.53	18.37	19.50
15	QPSK	1	74	18.47	18.44	18.42	19.50
15	QPSK	36	0	18.47	18.48	18.36	19.50
15	QPSK	36	20	18.32	18.42	18.26	19.50
15	QPSK	36	39	18.43	18.49	18.34	19.50
15	QPSK	75	0	18.36	18.48	18.45	19.50
15	16QAM	1	0	18.35	18.46	18.45	19.50
15	16QAM	1	37	18.36	18.34	18.29	19.50
15	16QAM	1	74	18.46	18.59	18.45	19.50
15	16QAM	36	0	18.30	18.54	18.34	19.50
15	16QAM	36	20	18.35	18.46	18.27	19.50
15	16QAM	36	39	18.30	18.43	18.25	19.50
15	16QAM	75	0	18.24	18.44	18.28	19.50
15	64QAM	1	0	18.34	18.46	18.22	19.50
15	64QAM	1	37	18.27	18.39	18.25	19.50
15	64QAM	1	74	18.40	18.43	18.33	19.50
15	64QAM	36	0	18.40	18.53	18.41	19.50
15	64QAM	36	20	18.27	18.44	18.30	19.50
15	64QAM	36	39	18.33	18.49	18.42	19.50
15	64QAM	75	0	18.38	18.50	18.37	19.50
15	256QAM	1	0	18.42	18.43	18.31	19.50
15	256QAM	1	37	18.33	18.46	18.32	19.50
15	256QAM	1	74	18.45	18.47	18.42	19.50
15	256QAM	36	0	18.35	18.49	18.36	19.50
15	256QAM	36	20	18.32	18.47	18.27	19.50
15	256QAM	36	39	18.31	18.41	18.28	19.50
15	256QAM	75	0	18.38	18.44	18.38	19.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.52	18.57	18.45	19.50
10	QPSK	1	25	18.41	18.52	18.42	19.50
10	QPSK	1	49	18.38	18.55	18.45	19.50
10	QPSK	25	0	18.45	18.50	18.39	19.50
10	QPSK	25	12	18.41	18.46	18.29	19.50
10	QPSK	25	25	18.38	18.55	18.40	19.50
10	QPSK	50	0	18.36	18.53	18.45	19.50
10	16QAM	1	0	18.39	18.46	18.44	19.50
10	16QAM	1	25	18.27	18.35	18.28	19.50
10	16QAM	1	49	18.50	18.54	18.46	19.50
10	16QAM	25	0	18.33	18.49	18.36	19.50
10	16QAM	25	12	18.40	18.50	18.36	19.50
10	16QAM	25	25	18.36	18.38	18.37	19.50
10	16QAM	50	0	18.20	18.45	18.19	19.50
10	64QAM	1	0	18.32	18.44	18.21	19.50
10	64QAM	1	25	18.33	18.46	18.26	19.50
10	64QAM	1	49	18.43	18.50	18.32	19.50
10	64QAM	25	0	18.40	18.44	18.43	19.50
10	64QAM	25	12	18.26	18.44	18.31	19.50
10	64QAM	25	25	18.41	18.44	18.38	19.50
10	64QAM	50	0	18.44	18.54	18.27	19.50
10	256QAM	1	0	18.36	18.43	18.34	19.50
10	256QAM	1	25	18.31	18.37	18.30	19.50

10	256QAM	1	49	18.41	18.44	18.41	19.50
10	256QAM	25	0	18.30	18.41	18.27	19.50
10	256QAM	25	12	18.24	18.40	18.28	19.50
10	256QAM	25	25	18.28	18.36	18.34	19.50
10	256QAM	50	0	18.37	18.48	18.31	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.54	18.59	18.54	19.50
5	QPSK	1	12	18.45	18.52	18.39	19.50
5	QPSK	1	24	18.42	18.46	18.36	19.50
5	QPSK	12	0	18.49	18.60	18.32	19.50
5	QPSK	12	7	18.35	18.48	18.27	19.50
5	QPSK	12	13	18.36	18.56	18.38	19.50
5	QPSK	25	0	18.35	18.53	18.46	19.50
5	16QAM	1	0	18.44	18.53	18.39	19.50
5	16QAM	1	12	18.27	18.47	18.23	19.50
5	16QAM	1	24	18.53	18.49	18.40	19.50
5	16QAM	12	0	18.32	18.43	18.27	19.50
5	16QAM	12	7	18.34	18.45	18.33	19.50
5	16QAM	12	13	18.37	18.46	18.28	19.50
5	16QAM	25	0	18.19	18.44	18.24	19.50
5	64QAM	1	0	18.34	18.45	18.23	19.50
5	64QAM	1	12	18.37	18.38	18.31	19.50
5	64QAM	1	24	18.35	18.47	18.26	19.50
5	64QAM	12	0	18.45	18.48	18.40	19.50
5	64QAM	12	7	18.35	18.55	18.28	19.50
5	64QAM	12	13	18.35	18.43	18.34	19.50
5	64QAM	25	0	18.47	18.56	18.34	19.50
5	256QAM	1	0	18.32	18.42	18.32	19.50
5	256QAM	1	12	18.29	18.47	18.36	19.50
5	256QAM	1	24	18.38	18.46	18.39	19.50
5	256QAM	12	0	18.30	18.47	18.25	19.50
5	256QAM	12	7	18.26	18.42	18.30	19.50
5	256QAM	12	13	18.27	18.40	18.30	19.50
5	256QAM	25	0	18.38	18.41	18.32	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.55	18.54	18.49	19.50
3	QPSK	1	8	18.47	18.51	18.31	19.50
3	QPSK	1	14	18.47	18.45	18.37	19.50
3	QPSK	8	0	18.42	18.53	18.36	19.50
3	QPSK	8	4	18.45	18.46	18.32	19.50
3	QPSK	8	7	18.42	18.45	18.34	19.50
3	QPSK	15	0	18.29	18.46	18.40	19.50
3	16QAM	1	0	18.36	18.47	18.40	19.50
3	16QAM	1	8	18.30	18.46	18.30	19.50
3	16QAM	1	14	18.52	18.53	18.46	19.50
3	16QAM	8	0	18.32	18.49	18.36	19.50
3	16QAM	8	4	18.34	18.41	18.26	19.50
3	16QAM	8	7	18.32	18.43	18.34	19.50
3	16QAM	15	0	18.22	18.44	18.28	19.50
3	64QAM	1	0	18.35	18.41	18.29	19.50
3	64QAM	1	8	18.37	18.38	18.31	19.50
3	64QAM	1	14	18.36	18.53	18.29	19.50
3	64QAM	8	0	18.48	18.49	18.44	19.50
3	64QAM	8	4	18.34	18.42	18.24	19.50
3	64QAM	8	7	18.40	18.51	18.39	19.50
3	64QAM	15	0	18.48	18.50	18.32	19.50
3	256QAM	1	0	18.40	18.46	18.37	19.50
3	256QAM	1	8	18.28	18.35	18.36	19.50
3	256QAM	1	14	18.44	18.53	18.39	19.50
3	256QAM	8	0	18.37	18.43	18.29	19.50
3	256QAM	8	4	18.30	18.44	18.38	19.50
3	256QAM	8	7	18.32	18.45	18.28	19.50
3	256QAM	15	0	18.25	18.42	18.35	19.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.58	18.55	18.48	19.50
1.4	QPSK	1	3	18.38	18.45	18.32	19.50
1.4	QPSK	1	5	18.40	18.53	18.45	19.50
1.4	QPSK	3	0	18.40	18.56	18.29	19.50
1.4	QPSK	3	1	18.37	18.49	18.25	19.50
1.4	QPSK	3	3	18.40	18.49	18.44	19.50
1.4	QPSK	6	0	18.32	18.51	18.46	19.50

1.4	16QAM	1	0	18.40	18.50	18.35	19.50
1.4	16QAM	1	3	18.33	18.41	18.28	19.50
1.4	16QAM	1	5	18.54	18.56	18.45	19.50
1.4	16QAM	3	0	18.26	18.45	18.30	19.50
1.4	16QAM	3	1	18.28	18.48	18.29	19.50
1.4	16QAM	3	3	18.33	18.46	18.26	19.50
1.4	16QAM	6	0	18.24	18.36	18.19	19.50
1.4	64QAM	1	0	18.42	18.39	18.33	19.50
1.4	64QAM	1	3	18.39	18.40	18.21	19.50
1.4	64QAM	1	5	18.39	18.47	18.30	19.50
1.4	64QAM	3	0	18.46	18.49	18.39	19.50
1.4	64QAM	3	1	18.35	18.42	18.28	19.50
1.4	64QAM	3	3	18.40	18.47	18.35	19.50
1.4	64QAM	6	0	18.48	18.47	18.36	19.50
1.4	256QAM	1	0	18.40	18.52	18.32	19.50
1.4	256QAM	1	3	18.31	18.35	18.39	19.50
1.4	256QAM	1	5	18.43	18.44	18.41	19.50
1.4	256QAM	3	0	18.30	18.49	18.26	19.50
1.4	256QAM	3	1	18.29	18.44	18.40	19.50
1.4	256QAM	3	3	18.35	18.46	18.33	19.50
1.4	256QAM	6	0	18.29	18.39	18.35	19.50

【LTE Band 2_Ant6_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.62	18.65	18.59	19.50
20	QPSK	1	49	18.49	18.59	18.44	19.50
20	QPSK	1	99	18.52	18.57	18.47	19.50
20	QPSK	50	0	18.53	18.62	18.54	19.50
20	QPSK	50	24	18.47	18.54	18.38	19.50
20	QPSK	50	50	18.45	18.58	18.49	19.50
20	QPSK	100	0	18.45	18.59	18.49	19.50
20	16QAM	1	0	18.47	18.56	18.46	19.50
20	16QAM	1	49	18.41	18.49	18.35	19.50
20	16QAM	1	99	18.55	18.60	18.48	19.50
20	16QAM	50	0	18.39	18.55	18.39	19.50
20	16QAM	50	24	18.42	18.53	18.38	19.50
20	16QAM	50	50	18.38	18.51	18.38	19.50
20	16QAM	100	0	18.34	18.49	18.34	19.50
20	64QAM	1	0	18.46	18.51	18.36	19.50
20	64QAM	1	49	18.41	18.50	18.35	19.50
20	64QAM	1	99	18.47	18.58	18.39	19.50
20	64QAM	50	0	18.52	18.58	18.50	19.50
20	64QAM	50	24	18.39	18.56	18.36	19.50
20	64QAM	50	50	18.48	18.58	18.49	19.50
20	64QAM	100	0	18.50	18.58	18.40	19.50
20	256QAM	1	0	18.45	18.56	18.39	19.50
20	256QAM	1	49	18.40	18.50	18.41	19.50
20	256QAM	1	99	18.47	18.55	18.47	19.50
20	256QAM	50	0	18.42	18.56	18.38	19.50
20	256QAM	50	24	18.33	18.49	18.41	19.50
20	256QAM	50	50	18.41	18.50	18.36	19.50
20	256QAM	100	0	18.39	18.52	18.44	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.59	18.60	18.47	19.50
15	QPSK	1	37	18.39	18.53	18.37	19.50
15	QPSK	1	74	18.47	18.44	18.42	19.50
15	QPSK	36	0	18.47	18.48	18.36	19.50
15	QPSK	36	20	18.32	18.42	18.26	19.50
15	QPSK	36	39	18.43	18.49	18.34	19.50
15	QPSK	75	0	18.36	18.48	18.45	19.50
15	16QAM	1	0	18.35	18.46	18.45	19.50
15	16QAM	1	37	18.36	18.34	18.29	19.50
15	16QAM	1	74	18.46	18.59	18.45	19.50
15	16QAM	36	0	18.30	18.54	18.34	19.50
15	16QAM	36	20	18.35	18.46	18.27	19.50

15	16QAM	36	39	18.30	18.43	18.25	19.50
15	16QAM	75	0	18.24	18.44	18.28	19.50
15	64QAM	1	0	18.34	18.46	18.22	19.50
15	64QAM	1	37	18.27	18.39	18.25	19.50
15	64QAM	1	74	18.40	18.43	18.33	19.50
15	64QAM	36	0	18.40	18.53	18.41	19.50
15	64QAM	36	20	18.27	18.44	18.30	19.50
15	64QAM	36	39	18.33	18.49	18.42	19.50
15	64QAM	75	0	18.38	18.50	18.37	19.50
15	256QAM	1	0	18.42	18.43	18.31	19.50
15	256QAM	1	37	18.33	18.46	18.32	19.50
15	256QAM	1	74	18.45	18.47	18.42	19.50
15	256QAM	36	0	18.35	18.49	18.36	19.50
15	256QAM	36	20	18.32	18.47	18.27	19.50
15	256QAM	36	39	18.31	18.41	18.28	19.50
15	256QAM	75	0	18.38	18.44	18.38	19.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.52	18.57	18.45	19.50
10	QPSK	1	25	18.41	18.52	18.42	19.50
10	QPSK	1	49	18.38	18.55	18.45	19.50
10	QPSK	25	0	18.45	18.50	18.39	19.50
10	QPSK	25	12	18.41	18.46	18.29	19.50
10	QPSK	25	25	18.38	18.55	18.40	19.50
10	QPSK	50	0	18.36	18.53	18.45	19.50
10	16QAM	1	0	18.39	18.46	18.44	19.50
10	16QAM	1	25	18.27	18.35	18.28	19.50
10	16QAM	1	49	18.50	18.54	18.46	19.50
10	16QAM	25	0	18.33	18.49	18.36	19.50
10	16QAM	25	12	18.40	18.50	18.36	19.50
10	16QAM	25	25	18.36	18.38	18.37	19.50
10	16QAM	50	0	18.20	18.45	18.19	19.50
10	64QAM	1	0	18.32	18.44	18.21	19.50
10	64QAM	1	25	18.33	18.46	18.26	19.50
10	64QAM	1	49	18.43	18.50	18.32	19.50
10	64QAM	25	0	18.40	18.44	18.43	19.50
10	64QAM	25	12	18.26	18.44	18.31	19.50
10	64QAM	25	25	18.41	18.44	18.38	19.50
10	64QAM	50	0	18.44	18.54	18.27	19.50
10	256QAM	1	0	18.36	18.43	18.34	19.50
10	256QAM	1	25	18.31	18.37	18.30	19.50
10	256QAM	1	49	18.41	18.44	18.41	19.50
10	256QAM	25	0	18.30	18.41	18.27	19.50
10	256QAM	25	12	18.24	18.40	18.28	19.50
10	256QAM	25	25	18.28	18.36	18.34	19.50
10	256QAM	50	0	18.37	18.48	18.31	19.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.54	18.59	18.54	19.50
5	QPSK	1	12	18.45	18.52	18.39	19.50
5	QPSK	1	24	18.42	18.46	18.36	19.50
5	QPSK	12	0	18.49	18.60	18.32	19.50
5	QPSK	12	7	18.35	18.48	18.27	19.50
5	QPSK	12	13	18.36	18.56	18.38	19.50
5	QPSK	25	0	18.35	18.53	18.46	19.50
5	16QAM	1	0	18.44	18.53	18.39	19.50
5	16QAM	1	12	18.27	18.47	18.23	19.50
5	16QAM	1	24	18.53	18.49	18.40	19.50
5	16QAM	12	0	18.32	18.43	18.27	19.50
5	16QAM	12	7	18.34	18.45	18.33	19.50
5	16QAM	12	13	18.37	18.46	18.28	19.50
5	16QAM	25	0	18.19	18.44	18.24	19.50
5	64QAM	1	0	18.34	18.45	18.23	19.50
5	64QAM	1	12	18.37	18.38	18.31	19.50
5	64QAM	1	24	18.35	18.47	18.26	19.50
5	64QAM	12	0	18.45	18.48	18.40	19.50
5	64QAM	12	7	18.35	18.55	18.28	19.50
5	64QAM	12	13	18.35	18.43	18.34	19.50
5	64QAM	25	0	18.47	18.56	18.34	19.50
5	256QAM	1	0	18.32	18.42	18.32	19.50
5	256QAM	1	12	18.29	18.47	18.36	19.50
5	256QAM	1	24	18.38	18.46	18.39	19.50
5	256QAM	12	0	18.30	18.47	18.25	19.50
5	256QAM	12	7	18.26	18.42	18.30	19.50

5	256QAM	12	13	18.27	18.40	18.30	19.50
5	256QAM	25	0	18.38	18.41	18.32	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.55	18.54	18.49	19.50
3	QPSK	1	8	18.47	18.51	18.31	19.50
3	QPSK	1	14	18.47	18.45	18.37	19.50
3	QPSK	8	0	18.42	18.53	18.36	19.50
3	QPSK	8	4	18.45	18.46	18.32	19.50
3	QPSK	8	7	18.42	18.45	18.34	19.50
3	QPSK	15	0	18.29	18.46	18.40	19.50
3	16QAM	1	0	18.36	18.47	18.40	19.50
3	16QAM	1	8	18.30	18.46	18.30	19.50
3	16QAM	1	14	18.52	18.53	18.46	19.50
3	16QAM	8	0	18.32	18.49	18.36	19.50
3	16QAM	8	4	18.34	18.41	18.26	19.50
3	16QAM	8	7	18.32	18.43	18.34	19.50
3	16QAM	15	0	18.22	18.44	18.28	19.50
3	64QAM	1	0	18.35	18.41	18.29	19.50
3	64QAM	1	8	18.37	18.38	18.31	19.50
3	64QAM	1	14	18.36	18.53	18.29	19.50
3	64QAM	8	0	18.48	18.49	18.44	19.50
3	64QAM	8	4	18.34	18.42	18.24	19.50
3	64QAM	8	7	18.40	18.51	18.39	19.50
3	64QAM	15	0	18.48	18.50	18.32	19.50
3	256QAM	1	0	18.40	18.46	18.37	19.50
3	256QAM	1	8	18.28	18.35	18.36	19.50
3	256QAM	1	14	18.44	18.53	18.39	19.50
3	256QAM	8	0	18.37	18.43	18.29	19.50
3	256QAM	8	4	18.30	18.44	18.38	19.50
3	256QAM	8	7	18.32	18.45	18.28	19.50
3	256QAM	15	0	18.25	18.42	18.35	19.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.58	18.55	18.48	19.50
1.4	QPSK	1	3	18.38	18.45	18.32	19.50
1.4	QPSK	1	5	18.40	18.53	18.45	19.50
1.4	QPSK	3	0	18.40	18.56	18.29	19.50
1.4	QPSK	3	1	18.37	18.49	18.25	19.50
1.4	QPSK	3	3	18.40	18.49	18.44	19.50
1.4	QPSK	6	0	18.32	18.51	18.46	19.50
1.4	16QAM	1	0	18.40	18.50	18.35	19.50
1.4	16QAM	1	3	18.33	18.41	18.28	19.50
1.4	16QAM	1	5	18.54	18.56	18.45	19.50
1.4	16QAM	3	0	18.26	18.45	18.30	19.50
1.4	16QAM	3	1	18.28	18.48	18.29	19.50
1.4	16QAM	3	3	18.33	18.46	18.26	19.50
1.4	16QAM	6	0	18.24	18.36	18.19	19.50
1.4	64QAM	1	0	18.42	18.39	18.33	19.50
1.4	64QAM	1	3	18.39	18.40	18.21	19.50
1.4	64QAM	1	5	18.39	18.47	18.30	19.50
1.4	64QAM	3	0	18.46	18.49	18.39	19.50
1.4	64QAM	3	1	18.35	18.42	18.28	19.50
1.4	64QAM	3	3	18.40	18.47	18.35	19.50
1.4	64QAM	6	0	18.48	18.47	18.36	19.50
1.4	256QAM	1	0	18.40	18.52	18.32	19.50
1.4	256QAM	1	3	18.31	18.35	18.39	19.50
1.4	256QAM	1	5	18.43	18.44	18.41	19.50
1.4	256QAM	3	0	18.30	18.49	18.26	19.50
1.4	256QAM	3	1	18.29	18.44	18.40	19.50
1.4	256QAM	3	3	18.35	18.46	18.33	19.50
1.4	256QAM	6	0	18.29	18.39	18.35	19.50

【LTE Band 2_Ant6_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.62	18.65	18.59	19.50
20	QPSK	1	49	18.49	18.59	18.44	19.50
20	QPSK	1	99	18.52	18.57	18.47	19.50
20	QPSK	50	0	18.53	18.62	18.54	19.50
20	QPSK	50	24	18.47	18.54	18.38	19.50
20	QPSK	50	50	18.45	18.58	18.49	19.50
20	QPSK	100	0	18.45	18.59	18.49	19.50
20	16QAM	1	0	18.47	18.56	18.46	19.50
20	16QAM	1	49	18.41	18.49	18.35	19.50
20	16QAM	1	99	18.55	18.60	18.48	19.50
20	16QAM	50	0	18.39	18.55	18.39	19.50
20	16QAM	50	24	18.42	18.53	18.38	19.50
20	16QAM	50	50	18.38	18.51	18.38	19.50
20	16QAM	100	0	18.34	18.49	18.34	19.50
20	64QAM	1	0	18.46	18.51	18.36	19.50
20	64QAM	1	49	18.41	18.50	18.35	19.50
20	64QAM	1	99	18.47	18.58	18.39	19.50
20	64QAM	50	0	18.52	18.58	18.50	19.50
20	64QAM	50	24	18.39	18.56	18.36	19.50
20	64QAM	50	50	18.48	18.58	18.49	19.50
20	64QAM	100	0	18.50	18.58	18.40	19.50
20	256QAM	1	0	18.45	18.56	18.39	19.50
20	256QAM	1	49	18.40	18.50	18.41	19.50
20	256QAM	1	99	18.47	18.55	18.47	19.50
20	256QAM	50	0	18.42	18.56	18.38	19.50
20	256QAM	50	24	18.33	18.49	18.41	19.50
20	256QAM	50	50	18.41	18.50	18.36	19.50
20	256QAM	100	0	18.39	18.52	18.44	19.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.59	18.60	18.47	19.50
15	QPSK	1	37	18.39	18.53	18.37	19.50
15	QPSK	1	74	18.47	18.44	18.42	19.50
15	QPSK	36	0	18.47	18.48	18.36	19.50
15	QPSK	36	20	18.32	18.42	18.26	19.50
15	QPSK	36	39	18.43	18.49	18.34	19.50
15	QPSK	75	0	18.36	18.48	18.45	19.50
15	16QAM	1	0	18.35	18.46	18.45	19.50
15	16QAM	1	37	18.36	18.34	18.29	19.50
15	16QAM	1	74	18.46	18.59	18.45	19.50
15	16QAM	36	0	18.30	18.54	18.34	19.50
15	16QAM	36	20	18.35	18.46	18.27	19.50
15	16QAM	36	39	18.30	18.43	18.25	19.50
15	16QAM	75	0	18.24	18.44	18.28	19.50
15	64QAM	1	0	18.34	18.46	18.22	19.50
15	64QAM	1	37	18.27	18.39	18.25	19.50
15	64QAM	1	74	18.40	18.43	18.33	19.50
15	64QAM	36	0	18.40	18.53	18.41	19.50
15	64QAM	36	20	18.27	18.44	18.30	19.50
15	64QAM	36	39	18.33	18.49	18.42	19.50
15	64QAM	75	0	18.38	18.50	18.37	19.50
15	256QAM	1	0	18.42	18.43	18.31	19.50
15	256QAM	1	37	18.33	18.46	18.32	19.50
15	256QAM	1	74	18.45	18.47	18.42	19.50
15	256QAM	36	0	18.35	18.49	18.36	19.50
15	256QAM	36	20	18.32	18.47	18.27	19.50
15	256QAM	36	39	18.31	18.41	18.28	19.50
15	256QAM	75	0	18.38	18.44	18.38	19.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.52	18.57	18.45	19.50
10	QPSK	1	25	18.41	18.52	18.42	19.50
10	QPSK	1	49	18.38	18.55	18.45	19.50
10	QPSK	25	0	18.45	18.50	18.39	19.50
10	QPSK	25	12	18.41	18.46	18.29	19.50
10	QPSK	25	25	18.38	18.55	18.40	19.50
10	QPSK	50	0	18.36	18.53	18.45	19.50

10	16QAM	1	0	18.39	18.46	18.44	19.50
10	16QAM	1	25	18.27	18.35	18.28	19.50
10	16QAM	1	49	18.50	18.54	18.46	19.50
10	16QAM	25	0	18.33	18.49	18.36	19.50
10	16QAM	25	12	18.40	18.50	18.36	19.50
10	16QAM	25	25	18.36	18.38	18.37	19.50
10	16QAM	50	0	18.20	18.45	18.19	19.50
10	64QAM	1	0	18.32	18.44	18.21	19.50
10	64QAM	1	25	18.33	18.46	18.26	19.50
10	64QAM	1	49	18.43	18.50	18.32	19.50
10	64QAM	25	0	18.40	18.44	18.43	19.50
10	64QAM	25	12	18.26	18.44	18.31	19.50
10	64QAM	25	25	18.41	18.44	18.38	19.50
10	64QAM	50	0	18.44	18.54	18.27	19.50
10	256QAM	1	0	18.36	18.43	18.34	19.50
10	256QAM	1	25	18.31	18.37	18.30	19.50
10	256QAM	1	49	18.41	18.44	18.41	19.50
10	256QAM	25	0	18.30	18.41	18.27	19.50
10	256QAM	25	12	18.24	18.40	18.28	19.50
10	256QAM	25	25	18.28	18.36	18.34	19.50
10	256QAM	50	0	18.37	18.48	18.31	19.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.54	18.59	18.54	19.50
5	QPSK	1	12	18.45	18.52	18.39	19.50
5	QPSK	1	24	18.42	18.46	18.36	19.50
5	QPSK	12	0	18.49	18.60	18.32	19.50
5	QPSK	12	7	18.35	18.48	18.27	19.50
5	QPSK	12	13	18.36	18.56	18.38	19.50
5	QPSK	25	0	18.35	18.53	18.46	19.50
5	16QAM	1	0	18.44	18.53	18.39	19.50
5	16QAM	1	12	18.27	18.47	18.23	19.50
5	16QAM	1	24	18.53	18.49	18.40	19.50
5	16QAM	12	0	18.32	18.43	18.27	19.50
5	16QAM	12	7	18.34	18.45	18.33	19.50
5	16QAM	12	13	18.37	18.46	18.28	19.50
5	16QAM	25	0	18.19	18.44	18.24	19.50
5	64QAM	1	0	18.34	18.45	18.23	19.50
5	64QAM	1	12	18.37	18.38	18.31	19.50
5	64QAM	1	24	18.35	18.47	18.26	19.50
5	64QAM	12	0	18.45	18.48	18.40	19.50
5	64QAM	12	7	18.35	18.55	18.28	19.50
5	64QAM	12	13	18.35	18.43	18.34	19.50
5	64QAM	25	0	18.47	18.56	18.34	19.50
5	256QAM	1	0	18.32	18.42	18.32	19.50
5	256QAM	1	12	18.29	18.47	18.36	19.50
5	256QAM	1	24	18.38	18.46	18.39	19.50
5	256QAM	12	0	18.30	18.47	18.25	19.50
5	256QAM	12	7	18.26	18.42	18.30	19.50
5	256QAM	12	13	18.27	18.40	18.30	19.50
5	256QAM	25	0	18.38	18.41	18.32	19.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.55	18.54	18.49	19.50
3	QPSK	1	8	18.47	18.51	18.31	19.50
3	QPSK	1	14	18.47	18.45	18.37	19.50
3	QPSK	8	0	18.42	18.53	18.36	19.50
3	QPSK	8	4	18.45	18.46	18.32	19.50
3	QPSK	8	7	18.42	18.45	18.34	19.50
3	QPSK	15	0	18.29	18.46	18.40	19.50
3	16QAM	1	0	18.36	18.47	18.40	19.50
3	16QAM	1	8	18.30	18.46	18.30	19.50
3	16QAM	1	14	18.52	18.53	18.46	19.50
3	16QAM	8	0	18.32	18.49	18.36	19.50
3	16QAM	8	4	18.34	18.41	18.26	19.50
3	16QAM	8	7	18.32	18.43	18.34	19.50
3	16QAM	15	0	18.22	18.44	18.28	19.50
3	64QAM	1	0	18.35	18.41	18.29	19.50
3	64QAM	1	8	18.37	18.38	18.31	19.50
3	64QAM	1	14	18.36	18.53	18.29	19.50
3	64QAM	8	0	18.48	18.49	18.44	19.50
3	64QAM	8	4	18.34	18.42	18.24	19.50
3	64QAM	8	7	18.40	18.51	18.39	19.50
3	64QAM	15	0	18.48	18.50	18.32	19.50

3	256QAM	1	0	18.40	18.46	18.37	19.50
3	256QAM	1	8	18.28	18.35	18.36	19.50
3	256QAM	1	14	18.44	18.53	18.39	19.50
3	256QAM	8	0	18.37	18.43	18.29	19.50
3	256QAM	8	4	18.30	18.44	18.38	19.50
3	256QAM	8	7	18.32	18.45	18.28	19.50
3	256QAM	15	0	18.25	18.42	18.35	19.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.58	18.55	18.48	19.50
1.4	QPSK	1	3	18.38	18.45	18.32	19.50
1.4	QPSK	1	5	18.40	18.53	18.45	19.50
1.4	QPSK	3	0	18.40	18.56	18.29	19.50
1.4	QPSK	3	1	18.37	18.49	18.25	19.50
1.4	QPSK	3	3	18.40	18.49	18.44	19.50
1.4	QPSK	6	0	18.32	18.51	18.46	19.50
1.4	16QAM	1	0	18.40	18.50	18.35	19.50
1.4	16QAM	1	3	18.33	18.41	18.28	19.50
1.4	16QAM	1	5	18.54	18.56	18.45	19.50
1.4	16QAM	3	0	18.26	18.45	18.30	19.50
1.4	16QAM	3	1	18.28	18.48	18.29	19.50
1.4	16QAM	3	3	18.33	18.46	18.26	19.50
1.4	16QAM	6	0	18.24	18.36	18.19	19.50
1.4	64QAM	1	0	18.42	18.39	18.33	19.50
1.4	64QAM	1	3	18.39	18.40	18.21	19.50
1.4	64QAM	1	5	18.39	18.47	18.30	19.50
1.4	64QAM	3	0	18.46	18.49	18.39	19.50
1.4	64QAM	3	1	18.35	18.42	18.28	19.50
1.4	64QAM	3	3	18.40	18.47	18.35	19.50
1.4	64QAM	6	0	18.48	18.47	18.36	19.50
1.4	256QAM	1	0	18.40	18.52	18.32	19.50
1.4	256QAM	1	3	18.31	18.35	18.39	19.50
1.4	256QAM	1	5	18.43	18.44	18.41	19.50
1.4	256QAM	3	0	18.30	18.49	18.26	19.50
1.4	256QAM	3	1	18.29	18.44	18.40	19.50
1.4	256QAM	3	3	18.35	18.46	18.33	19.50
1.4	256QAM	6	0	18.29	18.39	18.35	19.50

【LTE Band 4_Ant4_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	24.93	24.96	24.91	25.70
20	QPSK	1	49	24.87	24.93	24.78	25.70
20	QPSK	1	99	24.68	24.84	24.66	25.70
20	QPSK	50	0	23.92	23.95	23.89	24.70
20	QPSK	50	24	23.77	23.86	23.72	24.70
20	QPSK	50	50	23.88	23.93	23.86	24.70
20	QPSK	100	0	23.80	23.93	23.73	24.70
20	16QAM	1	0	23.71	23.77	23.61	24.70
20	16QAM	1	49	23.66	23.82	23.73	24.70
20	16QAM	1	99	23.75	23.81	23.70	24.70
20	16QAM	50	0	22.75	22.85	22.69	23.70
20	16QAM	50	24	22.63	22.79	22.73	23.70
20	16QAM	50	50	22.62	22.79	22.62	23.70
20	16QAM	100	0	22.70	22.79	22.63	23.70
20	64QAM	1	0	22.68	22.86	22.69	23.70
20	64QAM	1	49	22.69	22.82	22.63	23.70
20	64QAM	1	99	22.55	22.66	22.48	23.70
20	64QAM	50	0	21.67	21.76	21.59	22.70
20	64QAM	50	24	21.51	21.68	21.62	22.70
20	64QAM	50	50	21.66	21.75	21.58	22.70
20	64QAM	100	0	21.69	21.75	21.56	22.70
20	256QAM	1	0	19.67	19.82	19.75	20.70
20	256QAM	1	49	19.81	19.87	19.74	20.70
20	256QAM	1	99	19.49	19.65	19.56	20.70
20	256QAM	50	0	19.67	19.76	19.70	20.70
20	256QAM	50	24	19.64	19.71	19.58	20.70

20	256QAM	50	50	19.65	19.70	19.60	20.70
20	256QAM	100	0	19.53	19.65	19.51	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.84	24.82	24.82	25.70
15	QPSK	1	37	24.84	24.90	24.72	25.70
15	QPSK	1	74	24.58	24.73	24.57	25.70
15	QPSK	36	0	23.74	23.86	23.76	24.70
15	QPSK	36	20	23.63	23.74	23.68	24.70
15	QPSK	36	39	23.74	23.89	23.80	24.70
15	QPSK	75	0	23.78	23.90	23.70	24.70
15	16QAM	1	0	23.63	23.76	23.53	24.70
15	16QAM	1	37	23.65	23.74	23.61	24.70
15	16QAM	1	74	23.69	23.79	23.59	24.70
15	16QAM	36	0	22.71	22.72	22.60	23.70
15	16QAM	36	20	22.50	22.78	22.62	23.70
15	16QAM	36	39	22.47	22.65	22.58	23.70
15	16QAM	75	0	22.61	22.76	22.58	23.70
15	64QAM	1	0	22.57	22.79	22.56	23.70
15	64QAM	1	37	22.68	22.80	22.59	23.70
15	64QAM	1	74	22.52	22.64	22.36	23.70
15	64QAM	36	0	21.56	21.61	21.51	22.70
15	64QAM	36	20	21.37	21.59	21.51	22.70
15	64QAM	36	39	21.65	21.63	21.47	22.70
15	64QAM	75	0	21.59	21.64	21.49	22.70
15	256QAM	1	0	19.53	19.69	19.62	20.70
15	256QAM	1	37	19.73	19.76	19.66	20.70
15	256QAM	1	74	19.46	19.56	19.42	20.70
15	256QAM	36	0	19.63	19.63	19.60	20.70
15	256QAM	36	20	19.62	19.58	19.51	20.70
15	256QAM	36	39	19.51	19.57	19.48	20.70
15	256QAM	75	0	19.40	19.59	19.46	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.87	24.95	24.88	25.70
10	QPSK	1	25	24.74	24.87	24.71	25.70
10	QPSK	1	49	24.62	24.79	24.63	25.70
10	QPSK	25	0	23.77	23.87	23.71	24.70
10	QPSK	25	12	23.69	23.71	23.62	24.70
10	QPSK	25	25	23.80	23.87	23.73	24.70
10	QPSK	50	0	23.71	23.90	23.61	24.70
10	16QAM	1	0	23.66	23.64	23.48	24.70
10	16QAM	1	25	23.62	23.70	23.64	24.70
10	16QAM	1	49	23.69	23.73	23.69	24.70
10	16QAM	25	0	22.71	22.75	22.59	23.70
10	16QAM	25	12	22.61	22.70	22.68	23.70
10	16QAM	25	25	22.60	22.65	22.58	23.70
10	16QAM	50	0	22.68	22.66	22.55	23.70
10	64QAM	1	0	22.54	22.74	22.57	23.70
10	64QAM	1	25	22.55	22.71	22.60	23.70
10	64QAM	1	49	22.46	22.57	22.47	23.70
10	64QAM	25	0	21.58	21.69	21.45	22.70
10	64QAM	25	12	21.43	21.59	21.52	22.70
10	64QAM	25	25	21.65	21.72	21.45	22.70
10	64QAM	50	0	21.58	21.68	21.50	22.70
10	256QAM	1	0	19.53	19.78	19.64	20.70
10	256QAM	1	25	19.77	19.83	19.62	20.70
10	256QAM	1	49	19.46	19.58	19.42	20.70
10	256QAM	25	0	19.66	19.71	19.58	20.70
10	256QAM	25	12	19.53	19.60	19.54	20.70
10	256QAM	25	25	19.57	19.57	19.52	20.70
10	256QAM	50	0	19.51	19.54	19.46	20.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.91	24.85	24.84	25.70
5	QPSK	1	12	24.73	24.84	24.73	25.70
5	QPSK	1	24	24.66	24.77	24.60	25.70
5	QPSK	12	0	23.73	23.87	23.64	24.70
5	QPSK	12	7	23.69	23.78	23.67	24.70
5	QPSK	12	13	23.75	23.86	23.72	24.70
5	QPSK	25	0	23.72	23.82	23.65	24.70
5	16QAM	1	0	23.68	23.72	23.57	24.70
5	16QAM	1	12	23.55	23.71	23.67	24.70
5	16QAM	1	24	23.70	23.77	23.55	24.70

5	16QAM	12	0	22.65	22.75	22.68	23.70
5	16QAM	12	7	22.51	22.67	22.65	23.70
5	16QAM	12	13	22.51	22.74	22.58	23.70
5	16QAM	25	0	22.67	22.68	22.51	23.70
5	64QAM	1	0	22.58	22.79	22.58	23.70
5	64QAM	1	12	22.66	22.78	22.53	23.70
5	64QAM	1	24	22.50	22.56	22.45	23.70
5	64QAM	12	0	21.58	21.75	21.54	22.70
5	64QAM	12	7	21.46	21.56	21.47	22.70
5	64QAM	12	13	21.54	21.67	21.47	22.70
5	64QAM	25	0	21.66	21.62	21.48	22.70
5	256QAM	1	0	19.66	19.76	19.62	20.70
5	256QAM	1	12	19.77	19.75	19.63	20.70
5	256QAM	1	24	19.35	19.55	19.52	20.70
5	256QAM	12	0	19.61	19.64	19.62	20.70
5	256QAM	12	7	19.57	19.63	19.47	20.70
5	256QAM	12	13	19.64	19.61	19.51	20.70
5	256QAM	25	0	19.46	19.62	19.43	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.90	24.94	24.86	25.70
3	QPSK	1	8	24.78	24.81	24.66	25.70
3	QPSK	1	14	24.60	24.82	24.62	25.70
3	QPSK	8	0	23.75	23.91	23.64	24.70
3	QPSK	8	4	23.64	23.73	23.71	24.70
3	QPSK	8	7	23.75	23.90	23.72	24.70
3	QPSK	15	0	23.69	23.79	23.68	24.70
3	16QAM	1	0	23.67	23.69	23.58	24.70
3	16QAM	1	8	23.55	23.68	23.62	24.70
3	16QAM	1	14	23.61	23.75	23.56	24.70
3	16QAM	8	0	22.64	22.83	22.60	23.70
3	16QAM	8	4	22.54	22.72	22.60	23.70
3	16QAM	8	7	22.51	22.70	22.60	23.70
3	16QAM	15	0	22.62	22.67	22.61	23.70
3	64QAM	1	0	22.59	22.84	22.54	23.70
3	64QAM	1	8	22.61	22.68	22.49	23.70
3	64QAM	1	14	22.43	22.53	22.38	23.70
3	64QAM	8	0	21.52	21.70	21.45	22.70
3	64QAM	8	4	21.43	21.56	21.57	22.70
3	64QAM	8	7	21.59	21.62	21.49	22.70
3	64QAM	15	0	21.54	21.72	21.48	22.70
3	256QAM	1	0	19.59	19.76	19.66	20.70
3	256QAM	1	8	19.69	19.78	19.61	20.70
3	256QAM	1	14	19.44	19.59	19.48	20.70
3	256QAM	8	0	19.65	19.71	19.69	20.70
3	256QAM	8	4	19.59	19.65	19.50	20.70
3	256QAM	8	7	19.59	19.64	19.52	20.70
3	256QAM	15	0	19.43	19.53	19.38	20.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.92	24.95	24.89	25.70
1.4	QPSK	1	3	24.75	24.87	24.74	25.70
1.4	QPSK	1	5	24.56	24.81	24.58	25.70
1.4	QPSK	3	0	24.79	24.81	24.67	25.70
1.4	QPSK	3	1	24.71	24.80	24.59	25.70
1.4	QPSK	3	3	24.82	24.90	24.84	25.70
1.4	QPSK	6	0	23.76	23.89	23.70	24.70
1.4	16QAM	1	0	23.57	23.73	23.59	24.70
1.4	16QAM	1	3	23.56	23.72	23.71	24.70
1.4	16QAM	1	5	23.66	23.77	23.63	24.70
1.4	16QAM	3	0	23.61	23.82	23.64	24.70
1.4	16QAM	3	1	23.59	23.67	23.71	24.70
1.4	16QAM	3	3	23.57	23.76	23.51	24.70
1.4	16QAM	6	0	22.61	22.70	22.53	23.70
1.4	64QAM	1	0	22.55	22.83	22.66	23.70
1.4	64QAM	1	3	22.65	22.72	22.48	23.70
1.4	64QAM	1	5	22.50	22.64	22.36	23.70
1.4	64QAM	3	0	22.62	22.65	22.52	23.70
1.4	64QAM	3	1	22.50	22.56	22.60	23.70
1.4	64QAM	3	3	22.51	22.61	22.46	23.70
1.4	64QAM	6	0	21.64	21.69	21.52	22.70
1.4	256QAM	1	0	19.55	19.79	19.74	20.70
1.4	256QAM	1	3	19.69	19.73	19.64	20.70
1.4	256QAM	1	5	19.39	19.64	19.44	20.70

1.4	256QAM	3	0	19.63	19.67	19.62	20.70
1.4	256QAM	3	1	19.50	19.59	19.51	20.70
1.4	256QAM	3	3	19.55	19.68	19.49	20.70
1.4	256QAM	6	0	19.49	19.53	19.37	20.70

【LTE Band 4_Ant4_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.89	18.00	17.85	18.70
20	QPSK	1	49	17.83	17.87	17.79	18.70
20	QPSK	1	99	17.88	17.85	17.81	18.70
20	QPSK	50	0	17.90	17.89	17.83	18.70
20	QPSK	50	24	17.88	17.83	17.85	18.70
20	QPSK	50	50	17.79	17.81	17.85	18.70
20	QPSK	100	0	17.88	17.87	17.83	18.70
20	16QAM	1	0	17.84	17.81	17.82	18.70
20	16QAM	1	49	17.80	17.82	17.81	18.70
20	16QAM	1	99	17.87	17.83	17.79	18.70
20	16QAM	50	0	17.89	17.83	17.79	18.70
20	16QAM	50	24	17.88	17.91	17.86	18.70
20	16QAM	50	50	17.84	17.89	17.77	18.70
20	16QAM	100	0	17.78	17.84	17.79	18.70
20	64QAM	1	0	17.82	17.85	17.79	18.70
20	64QAM	1	49	17.81	17.82	17.82	18.70
20	64QAM	1	99	17.79	17.87	17.84	18.70
20	64QAM	50	0	17.88	17.82	17.79	18.70
20	64QAM	50	24	17.78	17.83	17.83	18.70
20	64QAM	50	50	17.88	17.82	17.78	18.70
20	64QAM	100	0	17.80	17.88	17.83	18.70
20	256QAM	1	0	17.88	17.91	17.79	18.70
20	256QAM	1	49	17.78	17.81	17.78	18.70
20	256QAM	1	99	17.86	17.91	17.80	18.70
20	256QAM	50	0	17.88	17.89	17.87	18.70
20	256QAM	50	24	17.81	17.88	17.80	18.70
20	256QAM	50	50	17.84	17.81	17.76	18.70
20	256QAM	100	0	17.82	17.82	17.86	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.80	17.95	17.84	18.70
15	QPSK	1	37	17.77	17.80	17.77	18.70
15	QPSK	1	74	17.85	17.73	17.72	18.70
15	QPSK	36	0	17.85	17.86	17.75	18.70
15	QPSK	36	20	17.87	17.77	17.73	18.70
15	QPSK	36	39	17.70	17.67	17.78	18.70
15	QPSK	75	0	17.80	17.81	17.81	18.70
15	16QAM	1	0	17.70	17.72	17.71	18.70
15	16QAM	1	37	17.68	17.78	17.75	18.70
15	16QAM	1	74	17.81	17.78	17.71	18.70
15	16QAM	36	0	17.83	17.73	17.68	18.70
15	16QAM	36	20	17.84	17.84	17.79	18.70
15	16QAM	36	39	17.78	17.75	17.66	18.70
15	16QAM	75	0	17.70	17.81	17.65	18.70
15	64QAM	1	0	17.68	17.80	17.72	18.70
15	64QAM	1	37	17.70	17.72	17.80	18.70
15	64QAM	1	74	17.72	17.82	17.82	18.70
15	64QAM	36	0	17.85	17.80	17.74	18.70
15	64QAM	36	20	17.72	17.80	17.74	18.70
15	64QAM	36	39	17.83	17.73	17.71	18.70
15	64QAM	75	0	17.76	17.80	17.72	18.70
15	256QAM	1	0	17.86	17.77	17.70	18.70
15	256QAM	1	37	17.73	17.78	17.77	18.70
15	256QAM	1	74	17.71	17.80	17.70	18.70
15	256QAM	36	0	17.80	17.84	17.83	18.70
15	256QAM	36	20	17.71	17.79	17.77	18.70
15	256QAM	36	39	17.72	17.68	17.62	18.70
15	256QAM	75	0	17.72	17.74	17.77	18.70
Channel				20000	20175	20350	Tune-up limit

Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.79	17.94	17.73	18.70
10	QPSK	1	25	17.69	17.74	17.65	18.70
10	QPSK	1	49	17.86	17.83	17.73	18.70
10	QPSK	25	0	17.75	17.79	17.76	18.70
10	QPSK	25	12	17.74	17.76	17.72	18.70
10	QPSK	25	25	17.78	17.75	17.81	18.70
10	QPSK	50	0	17.82	17.80	17.69	18.70
10	16QAM	1	0	17.76	17.71	17.79	18.70
10	16QAM	1	25	17.71	17.77	17.75	18.70
10	16QAM	1	49	17.75	17.73	17.67	18.70
10	16QAM	25	0	17.81	17.73	17.72	18.70
10	16QAM	25	12	17.84	17.80	17.79	18.70
10	16QAM	25	25	17.70	17.77	17.74	18.70
10	16QAM	50	0	17.69	17.80	17.71	18.70
10	64QAM	1	0	17.73	17.77	17.70	18.70
10	64QAM	1	25	17.80	17.69	17.74	18.70
10	64QAM	1	49	17.73	17.79	17.69	18.70
10	64QAM	25	0	17.74	17.73	17.73	18.70
10	64QAM	25	12	17.69	17.74	17.71	18.70
10	64QAM	25	25	17.78	17.68	17.73	18.70
10	64QAM	50	0	17.72	17.76	17.68	18.70
10	256QAM	1	0	17.76	17.85	17.74	18.70
10	256QAM	1	25	17.65	17.68	17.71	18.70
10	256QAM	1	49	17.75	17.84	17.77	18.70
10	256QAM	25	0	17.82	17.75	17.77	18.70
10	256QAM	25	12	17.80	17.80	17.67	18.70
10	256QAM	25	25	17.83	17.79	17.65	18.70
10	256QAM	50	0	17.71	17.77	17.78	18.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.81	17.89	17.78	18.70
5	QPSK	1	12	17.78	17.72	17.71	18.70
5	QPSK	1	24	17.85	17.78	17.75	18.70
5	QPSK	12	0	17.84	17.79	17.76	18.70
5	QPSK	12	7	17.86	17.77	17.75	18.70
5	QPSK	12	13	17.67	17.73	17.73	18.70
5	QPSK	25	0	17.78	17.80	17.69	18.70
5	16QAM	1	0	17.78	17.73	17.78	18.70
5	16QAM	1	12	17.74	17.81	17.67	18.70
5	16QAM	1	24	17.78	17.73	17.78	18.70
5	16QAM	12	0	17.84	17.69	17.67	18.70
5	16QAM	12	7	17.74	17.79	17.77	18.70
5	16QAM	12	13	17.70	17.86	17.69	18.70
5	16QAM	25	0	17.69	17.74	17.67	18.70
5	64QAM	1	0	17.79	17.81	17.76	18.70
5	64QAM	1	12	17.73	17.70	17.74	18.70
5	64QAM	1	24	17.77	17.77	17.75	18.70
5	64QAM	12	0	17.85	17.77	17.71	18.70
5	64QAM	12	7	17.71	17.74	17.74	18.70
5	64QAM	12	13	17.73	17.70	17.75	18.70
5	64QAM	25	0	17.65	17.82	17.80	18.70
5	256QAM	1	0	17.77	17.84	17.74	18.70
5	256QAM	1	12	17.64	17.69	17.75	18.70
5	256QAM	1	24	17.76	17.80	17.73	18.70
5	256QAM	12	0	17.87	17.79	17.81	18.70
5	256QAM	12	7	17.69	17.85	17.76	18.70
5	256QAM	12	13	17.78	17.73	17.69	18.70
5	256QAM	25	0	17.78	17.75	17.85	18.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.87	17.86	17.77	18.70
3	QPSK	1	8	17.81	17.85	17.68	18.70
3	QPSK	1	14	17.73	17.76	17.67	18.70
3	QPSK	8	0	17.87	17.85	17.74	18.70
3	QPSK	8	4	17.81	17.82	17.83	18.70
3	QPSK	8	7	17.65	17.77	17.74	18.70
3	QPSK	15	0	17.78	17.78	17.77	18.70
3	16QAM	1	0	17.82	17.72	17.73	18.70
3	16QAM	1	8	17.77	17.73	17.67	18.70
3	16QAM	1	14	17.73	17.75	17.72	18.70
3	16QAM	8	0	17.75	17.80	17.73	18.70
3	16QAM	8	4	17.79	17.86	17.82	18.70
3	16QAM	8	7	17.75	17.81	17.75	18.70

3	16QAM	15	0	17.67	17.71	17.74	18.70
3	64QAM	1	0	17.71	17.75	17.72	18.70
3	64QAM	1	8	17.76	17.68	17.78	18.70
3	64QAM	1	14	17.65	17.75	17.71	18.70
3	64QAM	8	0	17.84	17.68	17.64	18.70
3	64QAM	8	4	17.74	17.81	17.81	18.70
3	64QAM	8	7	17.80	17.68	17.73	18.70
3	64QAM	15	0	17.76	17.78	17.76	18.70
3	256QAM	1	0	17.74	17.80	17.65	18.70
3	256QAM	1	8	17.70	17.73	17.67	18.70
3	256QAM	1	14	17.84	17.81	17.77	18.70
3	256QAM	8	0	17.78	17.82	17.77	18.70
3	256QAM	8	4	17.76	17.78	17.66	18.70
3	256QAM	8	7	17.75	17.68	17.71	18.70
3	256QAM	15	0	17.76	17.78	17.79	18.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.82	17.95	17.81	18.70
1.4	QPSK	1	3	17.71	17.83	17.72	18.70
1.4	QPSK	1	5	17.75	17.81	17.67	18.70
1.4	QPSK	3	0	17.76	17.83	17.81	18.70
1.4	QPSK	3	1	17.77	17.72	17.73	18.70
1.4	QPSK	3	3	17.68	17.68	17.81	18.70
1.4	QPSK	6	0	17.80	17.83	17.79	18.70
1.4	16QAM	1	0	17.69	17.79	17.80	18.70
1.4	16QAM	1	3	17.73	17.80	17.78	18.70
1.4	16QAM	1	5	17.73	17.71	17.70	18.70
1.4	16QAM	3	0	17.82	17.71	17.66	18.70
1.4	16QAM	3	1	17.82	17.84	17.73	18.70
1.4	16QAM	3	3	17.79	17.79	17.74	18.70
1.4	16QAM	6	0	17.70	17.81	17.68	18.70
1.4	64QAM	1	0	17.78	17.84	17.72	18.70
1.4	64QAM	1	3	17.67	17.80	17.78	18.70
1.4	64QAM	1	5	17.70	17.83	17.77	18.70
1.4	64QAM	3	0	17.76	17.73	17.77	18.70
1.4	64QAM	3	1	17.71	17.80	17.78	18.70
1.4	64QAM	3	3	17.87	17.76	17.67	18.70
1.4	64QAM	6	0	17.76	17.79	17.78	18.70
1.4	256QAM	1	0	17.74	17.84	17.68	18.70
1.4	256QAM	1	3	17.64	17.72	17.70	18.70
1.4	256QAM	1	5	17.75	17.85	17.70	18.70
1.4	256QAM	3	0	17.85	17.76	17.82	18.70
1.4	256QAM	3	1	17.75	17.78	17.69	18.70
1.4	256QAM	3	3	17.80	17.78	17.62	18.70
1.4	256QAM	6	0	17.78	17.80	17.76	18.70

【LTE Band 4_Ant4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.40	19.48	19.45	20.20
20	QPSK	1	49	19.28	19.41	19.28	20.20
20	QPSK	1	99	19.34	19.40	19.31	20.20
20	QPSK	50	0	19.42	19.46	19.35	20.20
20	QPSK	50	24	19.31	19.36	19.34	20.20
20	QPSK	50	50	19.30	19.38	19.26	20.20
20	QPSK	100	0	19.28	19.38	19.31	20.20
20	16QAM	1	0	19.36	19.34	19.33	20.20
20	16QAM	1	49	19.30	19.36	19.30	20.20
20	16QAM	1	99	19.34	19.32	19.28	20.20
20	16QAM	50	0	19.27	19.41	19.26	20.20
20	16QAM	50	24	19.37	19.42	19.32	20.20
20	16QAM	50	50	19.36	19.37	19.36	20.20
20	16QAM	100	0	19.27	19.30	19.31	20.20
20	64QAM	1	0	19.35	19.35	19.35	20.20
20	64QAM	1	49	19.28	19.33	19.30	20.20
20	64QAM	1	99	19.32	19.41	19.30	20.20
20	64QAM	50	0	19.37	19.35	19.36	20.20

20	64QAM	50	24	19.30	19.33	19.31	20.20
20	64QAM	50	50	19.32	19.36	19.30	20.20
20	64QAM	100	0	19.35	19.40	19.31	20.20
20	256QAM	1	0	19.28	19.41	19.26	20.20
20	256QAM	1	49	19.30	19.42	19.29	20.20
20	256QAM	1	99	19.34	19.36	19.27	20.20
20	256QAM	50	0	19.38	19.33	19.30	20.20
20	256QAM	50	24	19.31	19.38	19.33	20.20
20	256QAM	50	50	19.38	19.42	19.31	20.20
20	256QAM	100	0	19.35	19.32	19.32	20.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.37	19.45	19.41	20.20
15	QPSK	1	37	19.23	19.31	19.26	20.20
15	QPSK	1	74	19.23	19.26	19.28	20.20
15	QPSK	36	0	19.31	19.36	19.22	20.20
15	QPSK	36	20	19.18	19.28	19.19	20.20
15	QPSK	36	39	19.23	19.32	19.18	20.20
15	QPSK	75	0	19.24	19.24	19.18	20.20
15	16QAM	1	0	19.26	19.29	19.28	20.20
15	16QAM	1	37	19.16	19.25	19.15	20.20
15	16QAM	1	74	19.31	19.26	19.13	20.20
15	16QAM	36	0	19.23	19.35	19.16	20.20
15	16QAM	36	20	19.25	19.40	19.19	20.20
15	16QAM	36	39	19.29	19.25	19.31	20.20
15	16QAM	75	0	19.20	19.29	19.27	20.20
15	64QAM	1	0	19.20	19.26	19.24	20.20
15	64QAM	1	37	19.13	19.31	19.28	20.20
15	64QAM	1	74	19.25	19.35	19.17	20.20
15	64QAM	36	0	19.25	19.23	19.29	20.20
15	64QAM	36	20	19.24	19.22	19.24	20.20
15	64QAM	36	39	19.23	19.32	19.25	20.20
15	64QAM	75	0	19.29	19.38	19.18	20.20
15	256QAM	1	0	19.18	19.27	19.24	20.20
15	256QAM	1	37	19.24	19.37	19.22	20.20
15	256QAM	1	74	19.30	19.31	19.19	20.20
15	256QAM	36	0	19.34	19.27	19.17	20.20
15	256QAM	36	20	19.24	19.25	19.32	20.20
15	256QAM	36	39	19.35	19.29	19.19	20.20
15	256QAM	75	0	19.29	19.29	19.21	20.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.25	19.43	19.41	20.20
10	QPSK	1	25	19.23	19.37	19.26	20.20
10	QPSK	1	49	19.26	19.27	19.28	20.20
10	QPSK	25	0	19.34	19.34	19.32	20.20
10	QPSK	25	12	19.25	19.32	19.25	20.20
10	QPSK	25	25	19.21	19.23	19.14	20.20
10	QPSK	50	0	19.27	19.24	19.26	20.20
10	16QAM	1	0	19.27	19.30	19.28	20.20
10	16QAM	1	25	19.17	19.25	19.16	20.20
10	16QAM	1	49	19.24	19.27	19.22	20.20
10	16QAM	25	0	19.23	19.31	19.20	20.20
10	16QAM	25	12	19.27	19.27	19.19	20.20
10	16QAM	25	25	19.25	19.27	19.33	20.20
10	16QAM	50	0	19.25	19.22	19.19	20.20
10	64QAM	1	0	19.27	19.30	19.30	20.20
10	64QAM	1	25	19.13	19.32	19.19	20.20
10	64QAM	1	49	19.19	19.35	19.28	20.20
10	64QAM	25	0	19.33	19.27	19.29	20.20
10	64QAM	25	12	19.21	19.28	19.26	20.20
10	64QAM	25	25	19.30	19.30	19.23	20.20
10	64QAM	50	0	19.24	19.37	19.28	20.20
10	256QAM	1	0	19.22	19.32	19.15	20.20
10	256QAM	1	25	19.21	19.41	19.22	20.20
10	256QAM	1	49	19.23	19.22	19.25	20.20
10	256QAM	25	0	19.24	19.24	19.28	20.20
10	256QAM	25	12	19.18	19.35	19.28	20.20
10	256QAM	25	25	19.24	19.35	19.27	20.20
10	256QAM	50	0	19.29	19.18	19.22	20.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.39	19.35	19.33	20.20
5	QPSK	1	12	19.23	19.35	19.23	20.20

5	QPSK	1	24	19.25	19.28	19.28	20.20
5	QPSK	12	0	19.34	19.33	19.23	20.20
5	QPSK	12	7	19.22	19.31	19.32	20.20
5	QPSK	12	13	19.21	19.27	19.12	20.20
5	QPSK	25	0	19.23	19.31	19.19	20.20
5	16QAM	1	0	19.31	19.25	19.27	20.20
5	16QAM	1	12	19.17	19.31	19.19	20.20
5	16QAM	1	24	19.29	19.24	19.14	20.20
5	16QAM	12	0	19.18	19.29	19.17	20.20
5	16QAM	12	7	19.27	19.36	19.17	20.20
5	16QAM	12	13	19.31	19.32	19.25	20.20
5	16QAM	25	0	19.22	19.20	19.24	20.20
5	64QAM	1	0	19.25	19.25	19.23	20.20
5	64QAM	1	12	19.25	19.32	19.26	20.20
5	64QAM	1	24	19.21	19.39	19.25	20.20
5	64QAM	12	0	19.25	19.27	19.34	20.20
5	64QAM	12	7	19.24	19.28	19.25	20.20
5	64QAM	12	13	19.27	19.30	19.20	20.20
5	64QAM	25	0	19.32	19.35	19.17	20.20
5	256QAM	1	0	19.23	19.35	19.24	20.20
5	256QAM	1	12	19.25	19.32	19.17	20.20
5	256QAM	1	24	19.25	19.35	19.15	20.20
5	256QAM	12	0	19.26	19.25	19.25	20.20
5	256QAM	12	7	19.24	19.26	19.25	20.20
5	256QAM	12	13	19.33	19.40	19.20	20.20
5	256QAM	25	0	19.24	19.22	19.27	20.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.29	19.36	19.35	20.20
3	QPSK	1	8	19.18	19.31	19.21	20.20
3	QPSK	1	14	19.31	19.33	19.25	20.20
3	QPSK	8	0	19.29	19.31	19.22	20.20
3	QPSK	8	4	19.22	19.25	19.32	20.20
3	QPSK	8	7	19.28	19.31	19.15	20.20
3	QPSK	15	0	19.14	19.33	19.22	20.20
3	16QAM	1	0	19.23	19.25	19.19	20.20
3	16QAM	1	8	19.16	19.29	19.16	20.20
3	16QAM	1	14	19.25	19.25	19.23	20.20
3	16QAM	8	0	19.16	19.33	19.23	20.20
3	16QAM	8	4	19.34	19.37	19.20	20.20
3	16QAM	8	7	19.26	19.24	19.31	20.20
3	16QAM	15	0	19.15	19.23	19.27	20.20
3	64QAM	1	0	19.33	19.27	19.29	20.20
3	64QAM	1	8	19.25	19.21	19.16	20.20
3	64QAM	1	14	19.29	19.31	19.22	20.20
3	64QAM	8	0	19.31	19.30	19.24	20.20
3	64QAM	8	4	19.18	19.26	19.25	20.20
3	64QAM	8	7	19.30	19.24	19.26	20.20
3	64QAM	15	0	19.27	19.31	19.17	20.20
3	256QAM	1	0	19.15	19.31	19.12	20.20
3	256QAM	1	8	19.18	19.32	19.24	20.20
3	256QAM	1	14	19.23	19.25	19.16	20.20
3	256QAM	8	0	19.27	19.28	19.26	20.20
3	256QAM	8	4	19.17	19.33	19.18	20.20
3	256QAM	8	7	19.26	19.30	19.16	20.20
3	256QAM	15	0	19.29	19.23	19.20	20.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.30	19.42	19.37	20.20
1.4	QPSK	1	3	19.22	19.29	19.21	20.20
1.4	QPSK	1	5	19.22	19.37	19.22	20.20
1.4	QPSK	3	0	19.32	19.44	19.33	20.20
1.4	QPSK	3	1	19.23	19.27	19.19	20.20
1.4	QPSK	3	3	19.29	19.36	19.23	20.20
1.4	QPSK	6	0	19.21	19.36	19.30	20.20
1.4	16QAM	1	0	19.31	19.19	19.18	20.20
1.4	16QAM	1	3	19.28	19.27	19.18	20.20
1.4	16QAM	1	5	19.24	19.25	19.14	20.20
1.4	16QAM	3	0	19.18	19.34	19.21	20.20
1.4	16QAM	3	1	19.23	19.29	19.24	20.20
1.4	16QAM	3	3	19.30	19.25	19.31	20.20
1.4	16QAM	6	0	19.17	19.22	19.24	20.20
1.4	64QAM	1	0	19.23	19.26	19.33	20.20
1.4	64QAM	1	3	19.22	19.27	19.22	20.20

1.4	64QAM	1	5	19.27	19.27	19.24	20.20
1.4	64QAM	3	0	19.25	19.32	19.27	20.20
1.4	64QAM	3	1	19.28	19.28	19.23	20.20
1.4	64QAM	3	3	19.27	19.34	19.16	20.20
1.4	64QAM	6	0	19.31	19.30	19.23	20.20
1.4	256QAM	1	0	19.17	19.30	19.11	20.20
1.4	256QAM	1	3	19.19	19.34	19.18	20.20
1.4	256QAM	1	5	19.22	19.34	19.17	20.20
1.4	256QAM	3	0	19.30	19.30	19.16	20.20
1.4	256QAM	3	1	19.29	19.35	19.24	20.20
1.4	256QAM	3	3	19.26	19.35	19.17	20.20
1.4	256QAM	6	0	19.27	19.24	19.23	20.20

【LTE Band 4_Ant4_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.93	24.96	24.91	25.70
20	QPSK	1	49	24.87	24.93	24.78	25.70
20	QPSK	1	99	24.68	24.84	24.66	25.70
20	QPSK	50	0	23.92	23.95	23.89	24.70
20	QPSK	50	24	23.77	23.86	23.72	24.70
20	QPSK	50	50	23.88	23.93	23.86	24.70
20	QPSK	100	0	23.80	23.93	23.73	24.70
20	16QAM	1	0	23.71	23.77	23.61	24.70
20	16QAM	1	49	23.66	23.82	23.73	24.70
20	16QAM	1	99	23.75	23.81	23.70	24.70
20	16QAM	50	0	22.75	22.85	22.69	23.70
20	16QAM	50	24	22.63	22.79	22.73	23.70
20	16QAM	50	50	22.62	22.79	22.62	23.70
20	16QAM	100	0	22.70	22.79	22.63	23.70
20	64QAM	1	0	22.68	22.86	22.69	23.70
20	64QAM	1	49	22.69	22.82	22.63	23.70
20	64QAM	1	99	22.55	22.66	22.48	23.70
20	64QAM	50	0	21.67	21.76	21.59	22.70
20	64QAM	50	24	21.51	21.68	21.62	22.70
20	64QAM	50	50	21.66	21.75	21.58	22.70
20	64QAM	100	0	21.69	21.75	21.56	22.70
20	256QAM	1	0	19.67	19.82	19.75	20.70
20	256QAM	1	49	19.81	19.87	19.74	20.70
20	256QAM	1	99	19.49	19.65	19.56	20.70
20	256QAM	50	0	19.67	19.76	19.70	20.70
20	256QAM	50	24	19.64	19.71	19.58	20.70
20	256QAM	50	50	19.65	19.70	19.60	20.70
20	256QAM	100	0	19.53	19.65	19.51	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.84	24.82	24.82	25.70
15	QPSK	1	37	24.84	24.90	24.72	25.70
15	QPSK	1	74	24.58	24.73	24.57	25.70
15	QPSK	36	0	23.74	23.86	23.76	24.70
15	QPSK	36	20	23.63	23.74	23.68	24.70
15	QPSK	36	39	23.74	23.89	23.80	24.70
15	QPSK	75	0	23.78	23.90	23.70	24.70
15	16QAM	1	0	23.63	23.76	23.53	24.70
15	16QAM	1	37	23.65	23.74	23.61	24.70
15	16QAM	1	74	23.69	23.79	23.59	24.70
15	16QAM	36	0	22.71	22.72	22.60	23.70
15	16QAM	36	20	22.50	22.78	22.62	23.70
15	16QAM	36	39	22.47	22.65	22.58	23.70
15	16QAM	75	0	22.61	22.76	22.58	23.70
15	64QAM	1	0	22.57	22.79	22.56	23.70
15	64QAM	1	37	22.68	22.80	22.59	23.70
15	64QAM	1	74	22.52	22.64	22.36	23.70
15	64QAM	36	0	21.56	21.61	21.51	22.70
15	64QAM	36	20	21.37	21.59	21.51	22.70
15	64QAM	36	39	21.65	21.63	21.47	22.70
15	64QAM	75	0	21.59	21.64	21.49	22.70

15	256QAM	1	0	19.53	19.69	19.62	20.70
15	256QAM	1	37	19.73	19.76	19.66	20.70
15	256QAM	1	74	19.46	19.56	19.42	20.70
15	256QAM	36	0	19.63	19.63	19.60	20.70
15	256QAM	36	20	19.62	19.58	19.51	20.70
15	256QAM	36	39	19.51	19.57	19.48	20.70
15	256QAM	75	0	19.40	19.59	19.46	20.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	24.87	24.95	24.88	25.70
10	QPSK	1	25	24.74	24.87	24.71	25.70
10	QPSK	1	49	24.62	24.79	24.63	25.70
10	QPSK	25	0	23.77	23.87	23.71	24.70
10	QPSK	25	12	23.69	23.71	23.62	24.70
10	QPSK	25	25	23.80	23.87	23.73	24.70
10	QPSK	50	0	23.71	23.90	23.61	24.70
10	16QAM	1	0	23.66	23.64	23.48	24.70
10	16QAM	1	25	23.62	23.70	23.64	24.70
10	16QAM	1	49	23.69	23.73	23.69	24.70
10	16QAM	25	0	22.71	22.75	22.59	23.70
10	16QAM	25	12	22.61	22.70	22.68	23.70
10	16QAM	25	25	22.60	22.65	22.58	23.70
10	16QAM	50	0	22.68	22.66	22.55	23.70
10	64QAM	1	0	22.54	22.74	22.57	23.70
10	64QAM	1	25	22.55	22.71	22.60	23.70
10	64QAM	1	49	22.46	22.57	22.47	23.70
10	64QAM	25	0	21.58	21.69	21.45	22.70
10	64QAM	25	12	21.43	21.59	21.52	22.70
10	64QAM	25	25	21.65	21.72	21.45	22.70
10	64QAM	50	0	21.58	21.68	21.50	22.70
10	256QAM	1	0	19.53	19.78	19.64	20.70
10	256QAM	1	25	19.77	19.83	19.62	20.70
10	256QAM	1	49	19.46	19.58	19.42	20.70
10	256QAM	25	0	19.66	19.71	19.58	20.70
10	256QAM	25	12	19.53	19.60	19.54	20.70
10	256QAM	25	25	19.57	19.57	19.52	20.70
10	256QAM	50	0	19.51	19.54	19.46	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.91	24.85	24.84	25.70
5	QPSK	1	12	24.73	24.84	24.73	25.70
5	QPSK	1	24	24.66	24.77	24.60	25.70
5	QPSK	12	0	23.73	23.87	23.64	24.70
5	QPSK	12	7	23.69	23.78	23.67	24.70
5	QPSK	12	13	23.75	23.86	23.72	24.70
5	QPSK	25	0	23.72	23.82	23.65	24.70
5	16QAM	1	0	23.68	23.72	23.57	24.70
5	16QAM	1	12	23.55	23.71	23.67	24.70
5	16QAM	1	24	23.70	23.77	23.55	24.70
5	16QAM	12	0	22.65	22.75	22.68	23.70
5	16QAM	12	7	22.51	22.67	22.65	23.70
5	16QAM	12	13	22.51	22.74	22.58	23.70
5	16QAM	25	0	22.67	22.68	22.51	23.70
5	64QAM	1	0	22.58	22.79	22.58	23.70
5	64QAM	1	12	22.66	22.78	22.53	23.70
5	64QAM	1	24	22.50	22.56	22.45	23.70
5	64QAM	12	0	21.58	21.75	21.54	22.70
5	64QAM	12	7	21.46	21.56	21.47	22.70
5	64QAM	12	13	21.54	21.67	21.47	22.70
5	64QAM	25	0	21.66	21.62	21.48	22.70
5	256QAM	1	0	19.66	19.76	19.62	20.70
5	256QAM	1	12	19.77	19.75	19.63	20.70
5	256QAM	1	24	19.35	19.55	19.52	20.70
5	256QAM	12	0	19.61	19.64	19.62	20.70
5	256QAM	12	7	19.57	19.63	19.47	20.70
5	256QAM	12	13	19.64	19.61	19.51	20.70
5	256QAM	25	0	19.46	19.62	19.43	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.90	24.94	24.86	25.70
3	QPSK	1	8	24.78	24.81	24.66	25.70
3	QPSK	1	14	24.60	24.82	24.62	25.70
3	QPSK	8	0	23.75	23.91	23.64	24.70
3	QPSK	8	4	23.64	23.73	23.71	24.70

3	QPSK	8	7	23.75	23.90	23.72	24.70
3	QPSK	15	0	23.69	23.79	23.68	24.70
3	16QAM	1	0	23.67	23.69	23.58	24.70
3	16QAM	1	8	23.55	23.68	23.62	24.70
3	16QAM	1	14	23.61	23.75	23.56	24.70
3	16QAM	8	0	22.64	22.83	22.60	23.70
3	16QAM	8	4	22.54	22.72	22.60	23.70
3	16QAM	8	7	22.51	22.70	22.60	23.70
3	16QAM	15	0	22.62	22.67	22.61	23.70
3	64QAM	1	0	22.59	22.84	22.54	23.70
3	64QAM	1	8	22.61	22.68	22.49	23.70
3	64QAM	1	14	22.43	22.53	22.38	23.70
3	64QAM	8	0	21.52	21.70	21.45	22.70
3	64QAM	8	4	21.43	21.56	21.57	22.70
3	64QAM	8	7	21.59	21.62	21.49	22.70
3	64QAM	15	0	21.54	21.72	21.48	22.70
3	256QAM	1	0	19.59	19.76	19.66	20.70
3	256QAM	1	8	19.69	19.78	19.61	20.70
3	256QAM	1	14	19.44	19.59	19.48	20.70
3	256QAM	8	0	19.65	19.71	19.69	20.70
3	256QAM	8	4	19.59	19.65	19.50	20.70
3	256QAM	8	7	19.59	19.64	19.52	20.70
3	256QAM	15	0	19.43	19.53	19.38	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.92	24.95	24.89	25.70
1.4	QPSK	1	3	24.75	24.87	24.74	25.70
1.4	QPSK	1	5	24.56	24.81	24.58	25.70
1.4	QPSK	3	0	24.79	24.81	24.67	25.70
1.4	QPSK	3	1	24.71	24.80	24.59	25.70
1.4	QPSK	3	3	24.82	24.90	24.84	25.70
1.4	QPSK	6	0	23.76	23.89	23.70	24.70
1.4	16QAM	1	0	23.57	23.73	23.59	24.70
1.4	16QAM	1	3	23.56	23.72	23.71	24.70
1.4	16QAM	1	5	23.66	23.77	23.63	24.70
1.4	16QAM	3	0	23.61	23.82	23.64	24.70
1.4	16QAM	3	1	23.59	23.67	23.71	24.70
1.4	16QAM	3	3	23.57	23.76	23.51	24.70
1.4	16QAM	6	0	22.61	22.70	22.53	23.70
1.4	64QAM	1	0	22.55	22.83	22.66	23.70
1.4	64QAM	1	3	22.65	22.72	22.48	23.70
1.4	64QAM	1	5	22.50	22.64	22.36	23.70
1.4	64QAM	3	0	22.62	22.65	22.52	23.70
1.4	64QAM	3	1	22.50	22.56	22.60	23.70
1.4	64QAM	3	3	22.51	22.61	22.46	23.70
1.4	64QAM	6	0	21.64	21.69	21.52	22.70
1.4	256QAM	1	0	19.55	19.79	19.74	20.70
1.4	256QAM	1	3	19.69	19.73	19.64	20.70
1.4	256QAM	1	5	19.39	19.64	19.44	20.70
1.4	256QAM	3	0	19.63	19.67	19.62	20.70
1.4	256QAM	3	1	19.50	19.59	19.51	20.70
1.4	256QAM	3	3	19.55	19.68	19.49	20.70
1.4	256QAM	6	0	19.49	19.53	19.37	20.70

【LTE Band 4_Ant4_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.89	18.00	17.85	18.70
20	QPSK	1	49	17.83	17.87	17.79	18.70
20	QPSK	1	99	17.88	17.85	17.81	18.70
20	QPSK	50	0	17.90	17.89	17.83	18.70
20	QPSK	50	24	17.88	17.83	17.85	18.70
20	QPSK	50	50	17.79	17.81	17.85	18.70
20	QPSK	100	0	17.88	17.87	17.83	18.70
20	16QAM	1	0	17.84	17.81	17.82	18.70
20	16QAM	1	49	17.80	17.82	17.81	18.70
20	16QAM	1	99	17.87	17.83	17.79	18.70

20	16QAM	50	0	17.89	17.83	17.79	18.70
20	16QAM	50	24	17.88	17.91	17.86	18.70
20	16QAM	50	50	17.84	17.89	17.77	18.70
20	16QAM	100	0	17.78	17.84	17.79	18.70
20	64QAM	1	0	17.82	17.85	17.79	18.70
20	64QAM	1	49	17.81	17.82	17.82	18.70
20	64QAM	1	99	17.79	17.87	17.84	18.70
20	64QAM	50	0	17.88	17.82	17.79	18.70
20	64QAM	50	24	17.78	17.83	17.83	18.70
20	64QAM	50	50	17.88	17.82	17.78	18.70
20	64QAM	100	0	17.80	17.88	17.83	18.70
20	256QAM	1	0	17.88	17.91	17.79	18.70
20	256QAM	1	49	17.78	17.81	17.78	18.70
20	256QAM	1	99	17.86	17.91	17.80	18.70
20	256QAM	50	0	17.88	17.89	17.87	18.70
20	256QAM	50	24	17.81	17.88	17.80	18.70
20	256QAM	50	50	17.84	17.81	17.76	18.70
20	256QAM	100	0	17.82	17.82	17.86	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.80	17.95	17.84	18.70
15	QPSK	1	37	17.77	17.80	17.77	18.70
15	QPSK	1	74	17.85	17.73	17.72	18.70
15	QPSK	36	0	17.85	17.86	17.75	18.70
15	QPSK	36	20	17.87	17.77	17.73	18.70
15	QPSK	36	39	17.70	17.67	17.78	18.70
15	QPSK	75	0	17.80	17.81	17.81	18.70
15	16QAM	1	0	17.70	17.72	17.71	18.70
15	16QAM	1	37	17.68	17.78	17.75	18.70
15	16QAM	1	74	17.81	17.78	17.71	18.70
15	16QAM	36	0	17.83	17.73	17.68	18.70
15	16QAM	36	20	17.84	17.84	17.79	18.70
15	16QAM	36	39	17.78	17.75	17.66	18.70
15	16QAM	75	0	17.70	17.81	17.65	18.70
15	64QAM	1	0	17.68	17.80	17.72	18.70
15	64QAM	1	37	17.70	17.72	17.80	18.70
15	64QAM	1	74	17.72	17.82	17.82	18.70
15	64QAM	36	0	17.85	17.80	17.74	18.70
15	64QAM	36	20	17.72	17.80	17.74	18.70
15	64QAM	36	39	17.83	17.73	17.71	18.70
15	64QAM	75	0	17.76	17.80	17.72	18.70
15	256QAM	1	0	17.86	17.77	17.70	18.70
15	256QAM	1	37	17.73	17.78	17.77	18.70
15	256QAM	1	74	17.71	17.80	17.70	18.70
15	256QAM	36	0	17.80	17.84	17.83	18.70
15	256QAM	36	20	17.71	17.79	17.77	18.70
15	256QAM	36	39	17.72	17.68	17.62	18.70
15	256QAM	75	0	17.72	17.74	17.77	18.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.79	17.94	17.73	18.70
10	QPSK	1	25	17.69	17.74	17.65	18.70
10	QPSK	1	49	17.86	17.83	17.73	18.70
10	QPSK	25	0	17.75	17.79	17.76	18.70
10	QPSK	25	12	17.74	17.76	17.72	18.70
10	QPSK	25	25	17.78	17.75	17.81	18.70
10	QPSK	50	0	17.82	17.80	17.69	18.70
10	16QAM	1	0	17.76	17.71	17.79	18.70
10	16QAM	1	25	17.71	17.77	17.75	18.70
10	16QAM	1	49	17.75	17.73	17.67	18.70
10	16QAM	25	0	17.81	17.73	17.72	18.70
10	16QAM	25	12	17.84	17.80	17.79	18.70
10	16QAM	25	25	17.70	17.77	17.74	18.70
10	16QAM	50	0	17.69	17.80	17.71	18.70
10	64QAM	1	0	17.73	17.77	17.70	18.70
10	64QAM	1	25	17.80	17.69	17.74	18.70
10	64QAM	1	49	17.73	17.79	17.69	18.70
10	64QAM	25	0	17.74	17.73	17.73	18.70
10	64QAM	25	12	17.69	17.74	17.71	18.70
10	64QAM	25	25	17.78	17.68	17.73	18.70
10	64QAM	50	0	17.72	17.76	17.68	18.70
10	256QAM	1	0	17.76	17.85	17.74	18.70
10	256QAM	1	25	17.65	17.68	17.71	18.70
10	256QAM	1	49	17.75	17.84	17.77	18.70

10	256QAM	25	0	17.82	17.75	17.77	18.70
10	256QAM	25	12	17.80	17.80	17.67	18.70
10	256QAM	25	25	17.83	17.79	17.65	18.70
10	256QAM	50	0	17.71	17.77	17.78	18.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.81	17.89	17.78	18.70
5	QPSK	1	12	17.78	17.72	17.71	18.70
5	QPSK	1	24	17.85	17.78	17.75	18.70
5	QPSK	12	0	17.84	17.79	17.76	18.70
5	QPSK	12	7	17.86	17.77	17.75	18.70
5	QPSK	12	13	17.67	17.73	17.73	18.70
5	QPSK	25	0	17.78	17.80	17.69	18.70
5	16QAM	1	0	17.78	17.73	17.78	18.70
5	16QAM	1	12	17.74	17.81	17.67	18.70
5	16QAM	1	24	17.78	17.73	17.78	18.70
5	16QAM	12	0	17.84	17.69	17.67	18.70
5	16QAM	12	7	17.74	17.79	17.77	18.70
5	16QAM	12	13	17.70	17.86	17.69	18.70
5	16QAM	25	0	17.69	17.74	17.67	18.70
5	64QAM	1	0	17.79	17.81	17.76	18.70
5	64QAM	1	12	17.73	17.70	17.74	18.70
5	64QAM	1	24	17.77	17.77	17.75	18.70
5	64QAM	12	0	17.85	17.77	17.71	18.70
5	64QAM	12	7	17.71	17.74	17.74	18.70
5	64QAM	12	13	17.73	17.70	17.75	18.70
5	64QAM	25	0	17.65	17.82	17.80	18.70
5	256QAM	1	0	17.77	17.84	17.74	18.70
5	256QAM	1	12	17.64	17.69	17.75	18.70
5	256QAM	1	24	17.76	17.80	17.73	18.70
5	256QAM	12	0	17.87	17.79	17.81	18.70
5	256QAM	12	7	17.69	17.85	17.76	18.70
5	256QAM	12	13	17.78	17.73	17.69	18.70
5	256QAM	25	0	17.78	17.75	17.85	18.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.87	17.86	17.77	18.70
3	QPSK	1	8	17.81	17.85	17.68	18.70
3	QPSK	1	14	17.73	17.76	17.67	18.70
3	QPSK	8	0	17.87	17.85	17.74	18.70
3	QPSK	8	4	17.81	17.82	17.83	18.70
3	QPSK	8	7	17.65	17.77	17.74	18.70
3	QPSK	15	0	17.78	17.78	17.77	18.70
3	16QAM	1	0	17.82	17.72	17.73	18.70
3	16QAM	1	8	17.77	17.73	17.67	18.70
3	16QAM	1	14	17.73	17.75	17.72	18.70
3	16QAM	8	0	17.75	17.80	17.73	18.70
3	16QAM	8	4	17.79	17.86	17.82	18.70
3	16QAM	8	7	17.75	17.81	17.75	18.70
3	16QAM	15	0	17.67	17.71	17.74	18.70
3	64QAM	1	0	17.71	17.75	17.72	18.70
3	64QAM	1	8	17.76	17.68	17.78	18.70
3	64QAM	1	14	17.65	17.75	17.71	18.70
3	64QAM	8	0	17.84	17.68	17.64	18.70
3	64QAM	8	4	17.74	17.81	17.81	18.70
3	64QAM	8	7	17.80	17.68	17.73	18.70
3	64QAM	15	0	17.76	17.78	17.76	18.70
3	256QAM	1	0	17.74	17.80	17.65	18.70
3	256QAM	1	8	17.70	17.73	17.67	18.70
3	256QAM	1	14	17.84	17.81	17.77	18.70
3	256QAM	8	0	17.78	17.82	17.77	18.70
3	256QAM	8	4	17.76	17.78	17.66	18.70
3	256QAM	8	7	17.75	17.68	17.71	18.70
3	256QAM	15	0	17.76	17.78	17.79	18.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.82	17.95	17.81	18.70
1.4	QPSK	1	3	17.71	17.83	17.72	18.70
1.4	QPSK	1	5	17.75	17.81	17.67	18.70
1.4	QPSK	3	0	17.76	17.83	17.81	18.70
1.4	QPSK	3	1	17.77	17.72	17.73	18.70
1.4	QPSK	3	3	17.68	17.68	17.81	18.70
1.4	QPSK	6	0	17.80	17.83	17.79	18.70
1.4	16QAM	1	0	17.69	17.79	17.80	18.70

1.4	16QAM	1	3	17.73	17.80	17.78	18.70
1.4	16QAM	1	5	17.73	17.71	17.70	18.70
1.4	16QAM	3	0	17.82	17.71	17.66	18.70
1.4	16QAM	3	1	17.82	17.84	17.73	18.70
1.4	16QAM	3	3	17.79	17.79	17.74	18.70
1.4	16QAM	6	0	17.70	17.81	17.68	18.70
1.4	64QAM	1	0	17.78	17.84	17.72	18.70
1.4	64QAM	1	3	17.67	17.80	17.78	18.70
1.4	64QAM	1	5	17.70	17.83	17.77	18.70
1.4	64QAM	3	0	17.76	17.73	17.77	18.70
1.4	64QAM	3	1	17.71	17.80	17.78	18.70
1.4	64QAM	3	3	17.87	17.76	17.67	18.70
1.4	64QAM	6	0	17.76	17.79	17.78	18.70
1.4	256QAM	1	0	17.74	17.84	17.68	18.70
1.4	256QAM	1	3	17.64	17.72	17.70	18.70
1.4	256QAM	1	5	17.75	17.85	17.70	18.70
1.4	256QAM	3	0	17.85	17.76	17.82	18.70
1.4	256QAM	3	1	17.75	17.78	17.69	18.70
1.4	256QAM	3	3	17.80	17.78	17.62	18.70
1.4	256QAM	6	0	17.78	17.80	17.76	18.70

【LTE Band 4_Ant5_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	23.85	23.88	23.83	25.00
20	QPSK	1	49	23.69	23.81	23.68	25.00
20	QPSK	1	99	23.62	23.80	23.65	25.00
20	QPSK	50	0	22.75	22.85	22.72	24.00
20	QPSK	50	24	22.65	22.81	22.62	24.00
20	QPSK	50	50	22.70	22.75	22.65	24.00
20	QPSK	100	0	22.73	22.81	22.62	24.00
20	16QAM	1	0	22.51	22.66	22.51	24.00
20	16QAM	1	49	22.47	22.64	22.58	24.00
20	16QAM	1	99	22.59	22.73	22.58	24.00
20	16QAM	50	0	21.59	21.72	21.56	23.00
20	16QAM	50	24	21.58	21.62	21.56	23.00
20	16QAM	50	50	21.61	21.66	21.50	23.00
20	16QAM	100	0	21.65	21.70	21.64	23.00
20	64QAM	1	0	21.63	21.67	21.60	23.00
20	64QAM	1	49	21.47	21.55	21.36	23.00
20	64QAM	1	99	21.42	21.58	21.50	23.00
20	64QAM	50	0	20.54	20.65	20.48	22.00
20	64QAM	50	24	20.36	20.53	20.39	22.00
20	64QAM	50	50	20.51	20.57	20.38	22.00
20	64QAM	100	0	20.54	20.67	20.49	22.00
20	256QAM	1	0	18.43	18.60	18.52	20.00
20	256QAM	1	49	18.56	18.60	18.53	20.00
20	256QAM	1	99	18.44	18.53	18.38	20.00
20	256QAM	50	0	18.48	18.58	18.52	20.00
20	256QAM	50	24	18.50	18.63	18.56	20.00
20	256QAM	50	50	18.50	18.61	18.42	20.00
20	256QAM	100	0	18.47	18.59	18.53	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.79	23.78	23.80	25.00
15	QPSK	1	37	23.55	23.77	23.63	25.00
15	QPSK	1	74	23.51	23.72	23.57	25.00
15	QPSK	36	0	22.63	22.83	22.61	24.00
15	QPSK	36	20	22.57	22.79	22.53	24.00
15	QPSK	36	39	22.57	22.72	22.61	24.00
15	QPSK	75	0	22.69	22.74	22.57	24.00
15	16QAM	1	0	22.39	22.54	22.36	24.00
15	16QAM	1	37	22.37	22.55	22.46	24.00
15	16QAM	1	74	22.53	22.69	22.45	24.00
15	16QAM	36	0	21.55	21.60	21.54	23.00
15	16QAM	36	20	21.56	21.48	21.44	23.00
15	16QAM	36	39	21.56	21.65	21.38	23.00

15	16QAM	75	0	21.63	21.58	21.56	23.00
15	64QAM	1	0	21.56	21.52	21.57	23.00
15	64QAM	1	37	21.36	21.43	21.32	23.00
15	64QAM	1	74	21.41	21.44	21.37	23.00
15	64QAM	36	0	20.40	20.50	20.36	22.00
15	64QAM	36	20	20.28	20.45	20.34	22.00
15	64QAM	36	39	20.38	20.51	20.27	22.00
15	64QAM	75	0	20.41	20.54	20.40	22.00
15	256QAM	1	0	18.37	18.51	18.48	20.00
15	256QAM	1	37	18.45	18.57	18.43	20.00
15	256QAM	1	74	18.32	18.47	18.32	20.00
15	256QAM	36	0	18.38	18.46	18.46	20.00
15	256QAM	36	20	18.47	18.56	18.51	20.00
15	256QAM	36	39	18.42	18.49	18.34	20.00
15	256QAM	75	0	18.38	18.45	18.44	20.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.72	23.83	23.72	25.00
10	QPSK	1	25	23.67	23.72	23.64	25.00
10	QPSK	1	49	23.60	23.71	23.56	25.00
10	QPSK	25	0	22.65	22.83	22.65	24.00
10	QPSK	25	12	22.64	22.78	22.49	24.00
10	QPSK	25	25	22.56	22.69	22.60	24.00
10	QPSK	50	0	22.65	22.70	22.54	24.00
10	16QAM	1	0	22.38	22.57	22.41	24.00
10	16QAM	1	25	22.44	22.55	22.53	24.00
10	16QAM	1	49	22.56	22.60	22.54	24.00
10	16QAM	25	0	21.47	21.62	21.50	23.00
10	16QAM	25	12	21.55	21.57	21.47	23.00
10	16QAM	25	25	21.51	21.51	21.48	23.00
10	16QAM	50	0	21.62	21.56	21.55	23.00
10	64QAM	1	0	21.57	21.53	21.55	23.00
10	64QAM	1	25	21.43	21.41	21.32	23.00
10	64QAM	1	49	21.34	21.52	21.41	23.00
10	64QAM	25	0	20.47	20.58	20.40	22.00
10	64QAM	25	12	20.24	20.40	20.35	22.00
10	64QAM	25	25	20.40	20.43	20.35	22.00
10	64QAM	50	0	20.40	20.54	20.46	22.00
10	256QAM	1	0	18.39	18.57	18.38	20.00
10	256QAM	1	25	18.47	18.47	18.44	20.00
10	256QAM	1	49	18.40	18.52	18.31	20.00
10	256QAM	25	0	18.37	18.57	18.40	20.00
10	256QAM	25	12	18.40	18.51	18.52	20.00
10	256QAM	25	25	18.41	18.60	18.34	20.00
10	256QAM	50	0	18.35	18.44	18.40	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.78	23.83	23.73	25.00
5	QPSK	1	12	23.55	23.70	23.57	25.00
5	QPSK	1	24	23.59	23.76	23.62	25.00
5	QPSK	12	0	22.67	22.70	22.66	24.00
5	QPSK	12	7	22.58	22.80	22.50	24.00
5	QPSK	12	13	22.59	22.71	22.61	24.00
5	QPSK	25	0	22.59	22.74	22.54	24.00
5	16QAM	1	0	22.38	22.59	22.44	24.00
5	16QAM	1	12	22.43	22.51	22.49	24.00
5	16QAM	1	24	22.54	22.63	22.53	24.00
5	16QAM	12	0	21.55	21.68	21.51	23.00
5	16QAM	12	7	21.56	21.58	21.52	23.00
5	16QAM	12	13	21.56	21.55	21.40	23.00
5	16QAM	25	0	21.51	21.62	21.63	23.00
5	64QAM	1	0	21.60	21.65	21.51	23.00
5	64QAM	1	12	21.33	21.46	21.33	23.00
5	64QAM	1	24	21.40	21.47	21.39	23.00
5	64QAM	12	0	20.42	20.56	20.47	22.00
5	64QAM	12	7	20.25	20.45	20.36	22.00
5	64QAM	12	13	20.48	20.51	20.31	22.00
5	64QAM	25	0	20.46	20.54	20.46	22.00
5	256QAM	1	0	18.35	18.48	18.44	20.00
5	256QAM	1	12	18.53	18.48	18.51	20.00
5	256QAM	1	24	18.33	18.46	18.25	20.00
5	256QAM	12	0	18.36	18.44	18.44	20.00
5	256QAM	12	7	18.42	18.59	18.50	20.00
5	256QAM	12	13	18.39	18.52	18.32	20.00

5	256QAM	25	0	18.35	18.48	18.47	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.75	23.85	23.71	25.00
3	QPSK	1	8	23.62	23.70	23.62	25.00
3	QPSK	1	14	23.60	23.78	23.60	25.00
3	QPSK	8	0	22.57	22.75	22.67	24.00
3	QPSK	8	4	22.59	22.70	22.56	24.00
3	QPSK	8	7	22.60	22.66	22.61	24.00
3	QPSK	15	0	22.65	22.74	22.51	24.00
3	16QAM	1	0	22.46	22.59	22.47	24.00
3	16QAM	1	8	22.37	22.62	22.55	24.00
3	16QAM	1	14	22.54	22.65	22.46	24.00
3	16QAM	8	0	21.58	21.58	21.52	23.00
3	16QAM	8	4	21.48	21.49	21.48	23.00
3	16QAM	8	7	21.58	21.52	21.37	23.00
3	16QAM	15	0	21.56	21.68	21.63	23.00
3	64QAM	1	0	21.51	21.55	21.52	23.00
3	64QAM	1	8	21.37	21.42	21.24	23.00
3	64QAM	1	14	21.35	21.49	21.44	23.00
3	64QAM	8	0	20.40	20.52	20.34	22.00
3	64QAM	8	4	20.24	20.50	20.33	22.00
3	64QAM	8	7	20.48	20.44	20.34	22.00
3	64QAM	15	0	20.42	20.63	20.36	22.00
3	256QAM	1	0	18.28	18.48	18.51	20.00
3	256QAM	1	8	18.54	18.54	18.46	20.00
3	256QAM	1	14	18.30	18.46	18.34	20.00
3	256QAM	8	0	18.44	18.46	18.48	20.00
3	256QAM	8	4	18.48	18.49	18.52	20.00
3	256QAM	8	7	18.39	18.54	18.38	20.00
3	256QAM	15	0	18.45	18.55	18.39	20.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.74	23.83	23.77	25.00
1.4	QPSK	1	3	23.57	23.69	23.58	25.00
1.4	QPSK	1	5	23.50	23.78	23.50	25.00
1.4	QPSK	3	0	23.63	23.73	23.60	25.00
1.4	QPSK	3	1	23.63	23.80	23.57	25.00
1.4	QPSK	3	3	23.64	23.62	23.61	25.00
1.4	QPSK	6	0	22.65	22.72	22.52	24.00
1.4	16QAM	1	0	22.40	22.54	22.45	24.00
1.4	16QAM	1	3	22.32	22.58	22.44	24.00
1.4	16QAM	1	5	22.55	22.64	22.51	24.00
1.4	16QAM	3	0	22.54	22.69	22.42	24.00
1.4	16QAM	3	1	22.57	22.51	22.48	24.00
1.4	16QAM	3	3	22.56	22.64	22.46	24.00
1.4	16QAM	6	0	21.64	21.60	21.61	23.00
1.4	64QAM	1	0	21.62	21.57	21.48	23.00
1.4	64QAM	1	3	21.33	21.49	21.28	23.00
1.4	64QAM	1	5	21.28	21.45	21.42	23.00
1.4	64QAM	3	0	21.52	21.56	21.46	23.00
1.4	64QAM	3	1	21.30	21.40	21.37	23.00
1.4	64QAM	3	3	21.42	21.46	21.23	23.00
1.4	64QAM	6	0	20.46	20.57	20.44	22.00
1.4	256QAM	1	0	18.32	18.55	18.42	20.00
1.4	256QAM	1	3	18.47	18.55	18.43	20.00
1.4	256QAM	1	5	18.31	18.44	18.31	20.00
1.4	256QAM	3	0	18.33	18.55	18.51	20.00
1.4	256QAM	3	1	18.44	18.60	18.50	20.00
1.4	256QAM	3	3	18.43	18.59	18.32	20.00
1.4	256QAM	6	0	18.33	18.49	18.44	20.00

【LTE Band 4_Ant5_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	16.50
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	15.30	15.42	15.28	16.50
20	QPSK	1	49	15.26	15.29	15.24	16.50
20	QPSK	1	99	15.29	15.28	15.21	16.50
20	QPSK	50	0	15.36	15.37	15.24	16.50
20	QPSK	50	24	15.21	15.30	15.21	16.50
20	QPSK	50	50	15.22	15.24	15.19	16.50
20	QPSK	100	0	15.21	15.29	15.26	16.50
20	16QAM	1	0	15.21	15.31	15.22	16.50
20	16QAM	1	49	15.23	15.30	15.21	16.50
20	16QAM	1	99	15.26	15.33	15.20	16.50
20	16QAM	50	0	15.27	15.24	15.24	16.50
20	16QAM	50	24	15.31	15.32	15.25	16.50
20	16QAM	50	50	15.25	15.29	15.27	16.50
20	16QAM	100	0	15.27	15.34	15.25	16.50
20	64QAM	1	0	15.20	15.31	15.22	16.50
20	64QAM	1	49	15.21	15.24	15.25	16.50
20	64QAM	1	99	15.23	15.25	15.22	16.50
20	64QAM	50	0	15.21	15.29	15.18	16.50
20	64QAM	50	24	15.28	15.23	15.27	16.50
20	64QAM	50	50	15.27	15.31	15.27	16.50
20	64QAM	100	0	15.20	15.32	15.19	16.50
20	256QAM	1	0	15.21	15.32	15.17	16.50
20	256QAM	1	49	15.24	15.29	15.19	16.50
20	256QAM	1	99	15.24	15.33	15.23	16.50
20	256QAM	50	0	15.31	15.30	15.27	16.50
20	256QAM	50	24	15.21	15.33	15.26	16.50
20	256QAM	50	50	15.22	15.25	15.28	16.50
20	256QAM	100	0	15.24	15.26	15.19	16.50
Channel				20025	20175	20325	16.50
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.25	15.40	15.19	16.50
15	QPSK	1	37	15.16	15.15	15.14	16.50
15	QPSK	1	74	15.24	15.23	15.14	16.50
15	QPSK	36	0	15.26	15.32	15.19	16.50
15	QPSK	36	20	15.19	15.24	15.13	16.50
15	QPSK	36	39	15.10	15.14	15.06	16.50
15	QPSK	75	0	15.11	15.27	15.18	16.50
15	16QAM	1	0	15.19	15.17	15.15	16.50
15	16QAM	1	37	15.09	15.25	15.09	16.50
15	16QAM	1	74	15.12	15.20	15.16	16.50
15	16QAM	36	0	15.13	15.18	15.21	16.50
15	16QAM	36	20	15.20	15.23	15.17	16.50
15	16QAM	36	39	15.19	15.27	15.23	16.50
15	16QAM	75	0	15.14	15.25	15.19	16.50
15	64QAM	1	0	15.13	15.29	15.08	16.50
15	64QAM	1	37	15.13	15.21	15.19	16.50
15	64QAM	1	74	15.10	15.13	15.07	16.50
15	64QAM	36	0	15.08	15.18	15.17	16.50
15	64QAM	36	20	15.14	15.19	15.15	16.50
15	64QAM	36	39	15.13	15.25	15.15	16.50
15	64QAM	75	0	15.16	15.18	15.12	16.50
15	256QAM	1	0	15.09	15.22	15.02	16.50
15	256QAM	1	37	15.14	15.18	15.17	16.50
15	256QAM	1	74	15.11	15.25	15.19	16.50
15	256QAM	36	0	15.22	15.23	15.21	16.50
15	256QAM	36	20	15.18	15.28	15.12	16.50
15	256QAM	36	39	15.14	15.12	15.20	16.50
15	256QAM	75	0	15.21	15.13	15.04	16.50
Channel				20000	20175	20350	16.50
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	15.25	15.41	15.25	16.50
10	QPSK	1	25	15.16	15.26	15.12	16.50
10	QPSK	1	49	15.27	15.21	15.11	16.50
10	QPSK	25	0	15.31	15.34	15.19	16.50
10	QPSK	25	12	15.20	15.20	15.15	16.50
10	QPSK	25	25	15.19	15.10	15.18	16.50
10	QPSK	50	0	15.09	15.18	15.14	16.50

10	16QAM	1	0	15.14	15.24	15.20	16.50
10	16QAM	1	25	15.14	15.25	15.14	16.50
10	16QAM	1	49	15.24	15.22	15.08	16.50
10	16QAM	25	0	15.26	15.16	15.21	16.50
10	16QAM	25	12	15.27	15.19	15.11	16.50
10	16QAM	25	25	15.10	15.20	15.14	16.50
10	16QAM	50	0	15.25	15.32	15.17	16.50
10	64QAM	1	0	15.13	15.25	15.17	16.50
10	64QAM	1	25	15.10	15.12	15.17	16.50
10	64QAM	1	49	15.20	15.13	15.15	16.50
10	64QAM	25	0	15.11	15.25	15.12	16.50
10	64QAM	25	12	15.16	15.10	15.24	16.50
10	64QAM	25	25	15.18	15.25	15.14	16.50
10	64QAM	50	0	15.10	15.29	15.15	16.50
10	256QAM	1	0	15.10	15.22	15.12	16.50
10	256QAM	1	25	15.18	15.16	15.07	16.50
10	256QAM	1	49	15.21	15.20	15.21	16.50
10	256QAM	25	0	15.21	15.27	15.13	16.50
10	256QAM	25	12	15.15	15.25	15.24	16.50
10	256QAM	25	25	15.17	15.18	15.26	16.50
10	256QAM	50	0	15.11	15.19	15.06	16.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	15.19	15.40	15.21	16.50
5	QPSK	1	12	15.13	15.23	15.15	16.50
5	QPSK	1	24	15.25	15.25	15.17	16.50
5	QPSK	12	0	15.31	15.22	15.13	16.50
5	QPSK	12	7	15.19	15.28	15.08	16.50
5	QPSK	12	13	15.18	15.22	15.09	16.50
5	QPSK	25	0	15.17	15.16	15.14	16.50
5	16QAM	1	0	15.17	15.17	15.10	16.50
5	16QAM	1	12	15.16	15.25	15.15	16.50
5	16QAM	1	24	15.14	15.32	15.10	16.50
5	16QAM	12	0	15.18	15.14	15.10	16.50
5	16QAM	12	7	15.28	15.19	15.12	16.50
5	16QAM	12	13	15.16	15.25	15.21	16.50
5	16QAM	25	0	15.12	15.24	15.23	16.50
5	64QAM	1	0	15.11	15.17	15.10	16.50
5	64QAM	1	12	15.13	15.21	15.22	16.50
5	64QAM	1	24	15.10	15.20	15.11	16.50
5	64QAM	12	0	15.09	15.23	15.06	16.50
5	64QAM	12	7	15.14	15.19	15.25	16.50
5	64QAM	12	13	15.21	15.27	15.23	16.50
5	64QAM	25	0	15.08	15.22	15.07	16.50
5	256QAM	1	0	15.14	15.26	15.15	16.50
5	256QAM	1	12	15.11	15.24	15.08	16.50
5	256QAM	1	24	15.10	15.26	15.16	16.50
5	256QAM	12	0	15.27	15.22	15.15	16.50
5	256QAM	12	7	15.08	15.28	15.19	16.50
5	256QAM	12	13	15.19	15.16	15.22	16.50
5	256QAM	25	0	15.17	15.17	15.05	16.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	15.20	15.31	15.14	16.50
3	QPSK	1	8	15.21	15.28	15.11	16.50
3	QPSK	1	14	15.19	15.27	15.19	16.50
3	QPSK	8	0	15.27	15.33	15.18	16.50
3	QPSK	8	4	15.15	15.20	15.19	16.50
3	QPSK	8	7	15.17	15.15	15.11	16.50
3	QPSK	15	0	15.12	15.14	15.11	16.50
3	16QAM	1	0	15.16	15.24	15.19	16.50
3	16QAM	1	8	15.13	15.28	15.16	16.50
3	16QAM	1	14	15.16	15.24	15.13	16.50
3	16QAM	8	0	15.23	15.13	15.21	16.50
3	16QAM	8	4	15.27	15.18	15.21	16.50
3	16QAM	8	7	15.20	15.20	15.23	16.50
3	16QAM	15	0	15.26	15.20	15.18	16.50
3	64QAM	1	0	15.13	15.27	15.16	16.50
3	64QAM	1	8	15.14	15.12	15.22	16.50
3	64QAM	1	14	15.20	15.22	15.14	16.50
3	64QAM	8	0	15.07	15.25	15.16	16.50
3	64QAM	8	4	15.20	15.10	15.15	16.50
3	64QAM	8	7	15.20	15.18	15.26	16.50
3	64QAM	15	0	15.17	15.28	15.09	16.50

3	256QAM	1	0	15.18	15.29	15.12	16.50
3	256QAM	1	8	15.12	15.16	15.07	16.50
3	256QAM	1	14	15.21	15.23	15.09	16.50
3	256QAM	8	0	15.21	15.19	15.24	16.50
3	256QAM	8	4	15.08	15.29	15.24	16.50
3	256QAM	8	7	15.19	15.10	15.23	16.50
3	256QAM	15	0	15.17	15.16	15.14	16.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	15.17	15.31	15.22	16.50
1.4	QPSK	1	3	15.18	15.17	15.18	16.50
1.4	QPSK	1	5	15.14	15.21	15.16	16.50
1.4	QPSK	3	0	15.24	15.27	15.11	16.50
1.4	QPSK	3	1	15.09	15.25	15.06	16.50
1.4	QPSK	3	3	15.13	15.16	15.16	16.50
1.4	QPSK	6	0	15.17	15.28	15.22	16.50
1.4	16QAM	1	0	15.12	15.18	15.10	16.50
1.4	16QAM	1	3	15.18	15.20	15.16	16.50
1.4	16QAM	1	5	15.20	15.31	15.17	16.50
1.4	16QAM	3	0	15.21	15.21	15.11	16.50
1.4	16QAM	3	1	15.28	15.28	15.24	16.50
1.4	16QAM	3	3	15.15	15.15	15.15	16.50
1.4	16QAM	6	0	15.18	15.26	15.19	16.50
1.4	64QAM	1	0	15.12	15.21	15.18	16.50
1.4	64QAM	1	3	15.09	15.11	15.12	16.50
1.4	64QAM	1	5	15.14	15.11	15.13	16.50
1.4	64QAM	3	0	15.11	15.27	15.05	16.50
1.4	64QAM	3	1	15.25	15.11	15.16	16.50
1.4	64QAM	3	3	15.22	15.22	15.18	16.50
1.4	64QAM	6	0	15.10	15.28	15.16	16.50
1.4	256QAM	1	0	15.12	15.19	15.14	16.50
1.4	256QAM	1	3	15.22	15.19	15.14	16.50
1.4	256QAM	1	5	15.21	15.29	15.11	16.50
1.4	256QAM	3	0	15.21	15.17	15.15	16.50
1.4	256QAM	3	1	15.12	15.24	15.19	16.50
1.4	256QAM	3	3	15.07	15.11	15.26	16.50
1.4	256QAM	6	0	15.11	15.17	15.05	16.50

【LTE Band 4_Ant5_DS13】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.86	16.91	16.84	18.00
20	QPSK	1	49	16.71	16.80	16.77	18.00
20	QPSK	1	99	16.71	16.77	16.76	18.00
20	QPSK	50	0	16.83	16.89	16.80	18.00
20	QPSK	50	24	16.69	16.84	16.72	18.00
20	QPSK	50	50	16.73	16.74	16.74	18.00
20	QPSK	100	0	16.73	16.75	16.76	18.00
20	16QAM	1	0	16.72	16.79	16.67	18.00
20	16QAM	1	49	16.69	16.80	16.77	18.00
20	16QAM	1	99	16.81	16.81	16.79	18.00
20	16QAM	50	0	16.72	16.81	16.68	18.00
20	16QAM	50	24	16.73	16.72	16.70	18.00
20	16QAM	50	50	16.73	16.77	16.69	18.00
20	16QAM	100	0	16.71	16.81	16.76	18.00
20	64QAM	1	0	16.76	16.75	16.69	18.00
20	64QAM	1	49	16.70	16.81	16.70	18.00
20	64QAM	1	99	16.77	16.78	16.72	18.00
20	64QAM	50	0	16.79	16.74	16.72	18.00
20	64QAM	50	24	16.75	16.75	16.69	18.00
20	64QAM	50	50	16.70	16.81	16.67	18.00
20	64QAM	100	0	16.76	16.77	16.72	18.00
20	256QAM	1	0	16.72	16.77	16.74	18.00
20	256QAM	1	49	16.71	16.83	16.71	18.00
20	256QAM	1	99	16.78	16.84	16.76	18.00
20	256QAM	50	0	16.78	16.79	16.77	18.00
20	256QAM	50	24	16.75	16.76	16.68	18.00

20	256QAM	50	50	16.78	16.78	16.72	18.00
20	256QAM	100	0	16.71	16.82	16.67	18.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.71	16.89	16.70	18.00
15	QPSK	1	37	16.65	16.69	16.68	18.00
15	QPSK	1	74	16.60	16.69	16.68	18.00
15	QPSK	36	0	16.78	16.75	16.71	18.00
15	QPSK	36	20	16.57	16.70	16.64	18.00
15	QPSK	36	39	16.64	16.70	16.71	18.00
15	QPSK	75	0	16.70	16.72	16.71	18.00
15	16QAM	1	0	16.67	16.68	16.61	18.00
15	16QAM	1	37	16.65	16.75	16.69	18.00
15	16QAM	1	74	16.73	16.72	16.74	18.00
15	16QAM	36	0	16.59	16.71	16.63	18.00
15	16QAM	36	20	16.70	16.59	16.55	18.00
15	16QAM	36	39	16.60	16.76	16.66	18.00
15	16QAM	75	0	16.57	16.78	16.65	18.00
15	64QAM	1	0	16.73	16.64	16.54	18.00
15	64QAM	1	37	16.61	16.69	16.65	18.00
15	64QAM	1	74	16.65	16.69	16.63	18.00
15	64QAM	36	0	16.78	16.67	16.68	18.00
15	64QAM	36	20	16.65	16.69	16.57	18.00
15	64QAM	36	39	16.56	16.75	16.60	18.00
15	64QAM	75	0	16.67	16.75	16.67	18.00
15	256QAM	1	0	16.61	16.64	16.64	18.00
15	256QAM	1	37	16.60	16.74	16.60	18.00
15	256QAM	1	74	16.68	16.76	16.63	18.00
15	256QAM	36	0	16.76	16.74	16.69	18.00
15	256QAM	36	20	16.72	16.73	16.54	18.00
15	256QAM	36	39	16.69	16.66	16.65	18.00
15	256QAM	75	0	16.58	16.69	16.58	18.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.73	16.87	16.81	18.00
10	QPSK	1	25	16.59	16.77	16.73	18.00
10	QPSK	1	49	16.63	16.69	16.68	18.00
10	QPSK	25	0	16.70	16.87	16.67	18.00
10	QPSK	25	12	16.65	16.80	16.68	18.00
10	QPSK	25	25	16.62	16.59	16.73	18.00
10	QPSK	50	0	16.69	16.71	16.66	18.00
10	16QAM	1	0	16.63	16.69	16.65	18.00
10	16QAM	1	25	16.64	16.73	16.62	18.00
10	16QAM	1	49	16.66	16.79	16.76	18.00
10	16QAM	25	0	16.68	16.71	16.58	18.00
10	16QAM	25	12	16.63	16.57	16.57	18.00
10	16QAM	25	25	16.64	16.70	16.60	18.00
10	16QAM	50	0	16.58	16.66	16.62	18.00
10	64QAM	1	0	16.67	16.72	16.67	18.00
10	64QAM	1	25	16.63	16.74	16.64	18.00
10	64QAM	1	49	16.74	16.64	16.61	18.00
10	64QAM	25	0	16.68	16.60	16.62	18.00
10	64QAM	25	12	16.73	16.73	16.62	18.00
10	64QAM	25	25	16.61	16.66	16.54	18.00
10	64QAM	50	0	16.68	16.73	16.64	18.00
10	256QAM	1	0	16.65	16.65	16.63	18.00
10	256QAM	1	25	16.65	16.70	16.61	18.00
10	256QAM	1	49	16.75	16.80	16.73	18.00
10	256QAM	25	0	16.75	16.73	16.65	18.00
10	256QAM	25	12	16.73	16.62	16.64	18.00
10	256QAM	25	25	16.74	16.65	16.65	18.00
10	256QAM	50	0	16.68	16.81	16.59	18.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.72	16.87	16.82	18.00
5	QPSK	1	12	16.62	16.71	16.69	18.00
5	QPSK	1	24	16.62	16.73	16.64	18.00
5	QPSK	12	0	16.79	16.85	16.73	18.00
5	QPSK	12	7	16.57	16.80	16.62	18.00
5	QPSK	12	13	16.71	16.66	16.66	18.00
5	QPSK	25	0	16.71	16.72	16.71	18.00
5	16QAM	1	0	16.64	16.73	16.59	18.00
5	16QAM	1	12	16.65	16.78	16.68	18.00
5	16QAM	1	24	16.73	16.67	16.69	18.00

5	16QAM	12	0	16.67	16.79	16.62	18.00
5	16QAM	12	7	16.68	16.59	16.59	18.00
5	16QAM	12	13	16.72	16.71	16.64	18.00
5	16QAM	25	0	16.61	16.75	16.73	18.00
5	64QAM	1	0	16.66	16.64	16.64	18.00
5	64QAM	1	12	16.63	16.68	16.66	18.00
5	64QAM	1	24	16.66	16.66	16.61	18.00
5	64QAM	12	0	16.75	16.70	16.65	18.00
5	64QAM	12	7	16.66	16.72	16.59	18.00
5	64QAM	12	13	16.58	16.78	16.54	18.00
5	64QAM	25	0	16.73	16.63	16.63	18.00
5	256QAM	1	0	16.66	16.75	16.60	18.00
5	256QAM	1	12	16.69	16.79	16.69	18.00
5	256QAM	1	24	16.68	16.80	16.70	18.00
5	256QAM	12	0	16.63	16.69	16.72	18.00
5	256QAM	12	7	16.71	16.68	16.58	18.00
5	256QAM	12	13	16.67	16.72	16.59	18.00
5	256QAM	25	0	16.61	16.73	16.65	18.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.75	16.90	16.70	18.00
3	QPSK	1	8	16.67	16.76	16.68	18.00
3	QPSK	1	14	16.57	16.63	16.69	18.00
3	QPSK	8	0	16.68	16.79	16.77	18.00
3	QPSK	8	4	16.63	16.71	16.60	18.00
3	QPSK	8	7	16.66	16.62	16.72	18.00
3	QPSK	15	0	16.62	16.62	16.68	18.00
3	16QAM	1	0	16.70	16.71	16.64	18.00
3	16QAM	1	8	16.65	16.78	16.69	18.00
3	16QAM	1	14	16.68	16.73	16.75	18.00
3	16QAM	8	0	16.58	16.77	16.54	18.00
3	16QAM	8	4	16.60	16.61	16.62	18.00
3	16QAM	8	7	16.63	16.72	16.55	18.00
3	16QAM	15	0	16.63	16.66	16.63	18.00
3	64QAM	1	0	16.72	16.63	16.67	18.00
3	64QAM	1	8	16.68	16.69	16.67	18.00
3	64QAM	1	14	16.71	16.65	16.67	18.00
3	64QAM	8	0	16.72	16.65	16.61	18.00
3	64QAM	8	4	16.73	16.67	16.57	18.00
3	64QAM	8	7	16.64	16.74	16.54	18.00
3	64QAM	15	0	16.64	16.74	16.64	18.00
3	256QAM	1	0	16.59	16.64	16.67	18.00
3	256QAM	1	8	16.57	16.71	16.59	18.00
3	256QAM	1	14	16.73	16.78	16.72	18.00
3	256QAM	8	0	16.67	16.73	16.66	18.00
3	256QAM	8	4	16.64	16.65	16.54	18.00
3	256QAM	8	7	16.77	16.68	16.60	18.00
3	256QAM	15	0	16.57	16.68	16.57	18.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.71	16.87	16.71	18.00
1.4	QPSK	1	3	16.57	16.71	16.67	18.00
1.4	QPSK	1	5	16.67	16.72	16.73	18.00
1.4	QPSK	3	0	16.77	16.80	16.67	18.00
1.4	QPSK	3	1	16.66	16.79	16.67	18.00
1.4	QPSK	3	3	16.71	16.60	16.73	18.00
1.4	QPSK	6	0	16.65	16.73	16.65	18.00
1.4	16QAM	1	0	16.58	16.73	16.56	18.00
1.4	16QAM	1	3	16.68	16.69	16.74	18.00
1.4	16QAM	1	5	16.73	16.69	16.67	18.00
1.4	16QAM	3	0	16.71	16.71	16.65	18.00
1.4	16QAM	3	1	16.64	16.68	16.62	18.00
1.4	16QAM	3	3	16.67	16.65	16.55	18.00
1.4	16QAM	6	0	16.64	16.69	16.71	18.00
1.4	64QAM	1	0	16.65	16.74	16.63	18.00
1.4	64QAM	1	3	16.57	16.79	16.57	18.00
1.4	64QAM	1	5	16.70	16.68	16.65	18.00
1.4	64QAM	3	0	16.65	16.69	16.68	18.00
1.4	64QAM	3	1	16.72	16.72	16.61	18.00
1.4	64QAM	3	3	16.67	16.79	16.55	18.00
1.4	64QAM	6	0	16.72	16.67	16.70	18.00
1.4	256QAM	1	0	16.66	16.75	16.69	18.00
1.4	256QAM	1	3	16.68	16.69	16.60	18.00
1.4	256QAM	1	5	16.73	16.80	16.65	18.00

1.4	256QAM	3	0	16.65	16.77	16.66	18.00
1.4	256QAM	3	1	16.68	16.72	16.66	18.00
1.4	256QAM	3	3	16.64	16.75	16.69	18.00
1.4	256QAM	6	0	16.62	16.76	16.60	18.00

【LTE Band 4_Ant5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.85	23.88	23.83	25.00
20	QPSK	1	49	23.69	23.81	23.68	25.00
20	QPSK	1	99	23.62	23.80	23.65	25.00
20	QPSK	50	0	22.75	22.85	22.72	24.00
20	QPSK	50	24	22.65	22.81	22.62	24.00
20	QPSK	50	50	22.70	22.75	22.65	24.00
20	QPSK	100	0	22.73	22.81	22.62	24.00
20	16QAM	1	0	22.51	22.66	22.51	24.00
20	16QAM	1	49	22.47	22.64	22.58	24.00
20	16QAM	1	99	22.59	22.73	22.58	24.00
20	16QAM	50	0	21.59	21.72	21.56	23.00
20	16QAM	50	24	21.58	21.62	21.56	23.00
20	16QAM	50	50	21.61	21.66	21.50	23.00
20	16QAM	100	0	21.65	21.70	21.64	23.00
20	64QAM	1	0	21.63	21.67	21.60	23.00
20	64QAM	1	49	21.47	21.55	21.36	23.00
20	64QAM	1	99	21.42	21.58	21.50	23.00
20	64QAM	50	0	20.54	20.65	20.48	22.00
20	64QAM	50	24	20.36	20.53	20.39	22.00
20	64QAM	50	50	20.51	20.57	20.38	22.00
20	64QAM	100	0	20.54	20.67	20.49	22.00
20	256QAM	1	0	18.43	18.60	18.52	20.00
20	256QAM	1	49	18.56	18.60	18.53	20.00
20	256QAM	1	99	18.44	18.53	18.38	20.00
20	256QAM	50	0	18.48	18.58	18.52	20.00
20	256QAM	50	24	18.50	18.63	18.56	20.00
20	256QAM	50	50	18.50	18.61	18.42	20.00
20	256QAM	100	0	18.47	18.59	18.53	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.79	23.78	23.80	25.00
15	QPSK	1	37	23.55	23.77	23.63	25.00
15	QPSK	1	74	23.51	23.72	23.57	25.00
15	QPSK	36	0	22.63	22.83	22.61	24.00
15	QPSK	36	20	22.57	22.79	22.53	24.00
15	QPSK	36	39	22.57	22.72	22.61	24.00
15	QPSK	75	0	22.69	22.74	22.57	24.00
15	16QAM	1	0	22.39	22.54	22.36	24.00
15	16QAM	1	37	22.37	22.55	22.46	24.00
15	16QAM	1	74	22.53	22.69	22.45	24.00
15	16QAM	36	0	21.55	21.60	21.54	23.00
15	16QAM	36	20	21.56	21.48	21.44	23.00
15	16QAM	36	39	21.56	21.65	21.38	23.00
15	16QAM	75	0	21.63	21.58	21.56	23.00
15	64QAM	1	0	21.56	21.52	21.57	23.00
15	64QAM	1	37	21.36	21.43	21.32	23.00
15	64QAM	1	74	21.41	21.44	21.37	23.00
15	64QAM	36	0	20.40	20.50	20.36	22.00
15	64QAM	36	20	20.28	20.45	20.34	22.00
15	64QAM	36	39	20.38	20.51	20.27	22.00
15	64QAM	75	0	20.41	20.54	20.40	22.00
15	256QAM	1	0	18.37	18.51	18.48	20.00
15	256QAM	1	37	18.45	18.57	18.43	20.00
15	256QAM	1	74	18.32	18.47	18.32	20.00
15	256QAM	36	0	18.38	18.46	18.46	20.00
15	256QAM	36	20	18.47	18.56	18.51	20.00
15	256QAM	36	39	18.42	18.49	18.34	20.00
15	256QAM	75	0	18.38	18.45	18.44	20.00
Channel				20000	20175	20350	Tune-up limit

Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.72	23.83	23.72	25.00
10	QPSK	1	25	23.67	23.72	23.64	25.00
10	QPSK	1	49	23.60	23.71	23.56	25.00
10	QPSK	25	0	22.65	22.83	22.65	24.00
10	QPSK	25	12	22.64	22.78	22.49	24.00
10	QPSK	25	25	22.56	22.69	22.60	24.00
10	QPSK	50	0	22.65	22.70	22.54	24.00
10	16QAM	1	0	22.38	22.57	22.41	24.00
10	16QAM	1	25	22.44	22.55	22.53	24.00
10	16QAM	1	49	22.56	22.60	22.54	24.00
10	16QAM	25	0	21.47	21.62	21.50	23.00
10	16QAM	25	12	21.55	21.57	21.47	23.00
10	16QAM	25	25	21.51	21.51	21.48	23.00
10	16QAM	50	0	21.62	21.56	21.55	23.00
10	64QAM	1	0	21.57	21.53	21.55	23.00
10	64QAM	1	25	21.43	21.41	21.32	23.00
10	64QAM	1	49	21.34	21.52	21.41	23.00
10	64QAM	25	0	20.47	20.58	20.40	22.00
10	64QAM	25	12	20.24	20.40	20.35	22.00
10	64QAM	25	25	20.40	20.43	20.35	22.00
10	64QAM	50	0	20.40	20.54	20.46	22.00
10	256QAM	1	0	18.39	18.57	18.38	20.00
10	256QAM	1	25	18.47	18.47	18.44	20.00
10	256QAM	1	49	18.40	18.52	18.31	20.00
10	256QAM	25	0	18.37	18.57	18.40	20.00
10	256QAM	25	12	18.40	18.51	18.52	20.00
10	256QAM	25	25	18.41	18.60	18.34	20.00
10	256QAM	50	0	18.35	18.44	18.40	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.78	23.83	23.73	25.00
5	QPSK	1	12	23.55	23.70	23.57	25.00
5	QPSK	1	24	23.59	23.76	23.62	25.00
5	QPSK	12	0	22.67	22.70	22.66	24.00
5	QPSK	12	7	22.58	22.80	22.50	24.00
5	QPSK	12	13	22.59	22.71	22.61	24.00
5	QPSK	25	0	22.59	22.74	22.54	24.00
5	16QAM	1	0	22.38	22.59	22.44	24.00
5	16QAM	1	12	22.43	22.51	22.49	24.00
5	16QAM	1	24	22.54	22.63	22.53	24.00
5	16QAM	12	0	21.55	21.68	21.51	23.00
5	16QAM	12	7	21.56	21.58	21.52	23.00
5	16QAM	12	13	21.56	21.55	21.40	23.00
5	16QAM	25	0	21.51	21.62	21.63	23.00
5	64QAM	1	0	21.60	21.65	21.51	23.00
5	64QAM	1	12	21.33	21.46	21.33	23.00
5	64QAM	1	24	21.40	21.47	21.39	23.00
5	64QAM	12	0	20.42	20.56	20.47	22.00
5	64QAM	12	7	20.25	20.45	20.36	22.00
5	64QAM	12	13	20.48	20.51	20.31	22.00
5	64QAM	25	0	20.46	20.54	20.46	22.00
5	256QAM	1	0	18.35	18.48	18.44	20.00
5	256QAM	1	12	18.53	18.48	18.51	20.00
5	256QAM	1	24	18.33	18.46	18.25	20.00
5	256QAM	12	0	18.36	18.44	18.44	20.00
5	256QAM	12	7	18.42	18.59	18.50	20.00
5	256QAM	12	13	18.39	18.52	18.32	20.00
5	256QAM	25	0	18.35	18.48	18.47	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.75	23.85	23.71	25.00
3	QPSK	1	8	23.62	23.70	23.62	25.00
3	QPSK	1	14	23.60	23.78	23.60	25.00
3	QPSK	8	0	22.57	22.75	22.67	24.00
3	QPSK	8	4	22.59	22.70	22.56	24.00
3	QPSK	8	7	22.60	22.66	22.61	24.00
3	QPSK	15	0	22.65	22.74	22.51	24.00
3	16QAM	1	0	22.46	22.59	22.47	24.00
3	16QAM	1	8	22.37	22.62	22.55	24.00
3	16QAM	1	14	22.54	22.65	22.46	24.00
3	16QAM	8	0	21.58	21.58	21.52	23.00
3	16QAM	8	4	21.48	21.49	21.48	23.00
3	16QAM	8	7	21.58	21.52	21.37	23.00

3	16QAM	15	0	21.56	21.68	21.63	23.00
3	64QAM	1	0	21.51	21.55	21.52	23.00
3	64QAM	1	8	21.37	21.42	21.24	23.00
3	64QAM	1	14	21.35	21.49	21.44	23.00
3	64QAM	8	0	20.40	20.52	20.34	22.00
3	64QAM	8	4	20.24	20.50	20.33	22.00
3	64QAM	8	7	20.48	20.44	20.34	22.00
3	64QAM	15	0	20.42	20.63	20.36	22.00
3	256QAM	1	0	18.28	18.48	18.51	20.00
3	256QAM	1	8	18.54	18.54	18.46	20.00
3	256QAM	1	14	18.30	18.46	18.34	20.00
3	256QAM	8	0	18.44	18.46	18.48	20.00
3	256QAM	8	4	18.48	18.49	18.52	20.00
3	256QAM	8	7	18.39	18.54	18.38	20.00
3	256QAM	15	0	18.45	18.55	18.39	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.74	23.83	23.77	25.00
1.4	QPSK	1	3	23.57	23.69	23.58	25.00
1.4	QPSK	1	5	23.50	23.78	23.50	25.00
1.4	QPSK	3	0	23.63	23.73	23.60	25.00
1.4	QPSK	3	1	23.63	23.80	23.57	25.00
1.4	QPSK	3	3	23.64	23.62	23.61	25.00
1.4	QPSK	6	0	22.65	22.72	22.52	24.00
1.4	16QAM	1	0	22.40	22.54	22.45	24.00
1.4	16QAM	1	3	22.32	22.58	22.44	24.00
1.4	16QAM	1	5	22.55	22.64	22.51	24.00
1.4	16QAM	3	0	22.54	22.69	22.42	24.00
1.4	16QAM	3	1	22.57	22.51	22.48	24.00
1.4	16QAM	3	3	22.56	22.64	22.46	24.00
1.4	16QAM	6	0	21.64	21.60	21.61	23.00
1.4	64QAM	1	0	21.62	21.57	21.48	23.00
1.4	64QAM	1	3	21.33	21.49	21.28	23.00
1.4	64QAM	1	5	21.28	21.45	21.42	23.00
1.4	64QAM	3	0	21.52	21.56	21.46	23.00
1.4	64QAM	3	1	21.30	21.40	21.37	23.00
1.4	64QAM	3	3	21.42	21.46	21.23	23.00
1.4	64QAM	6	0	20.46	20.57	20.44	22.00
1.4	256QAM	1	0	18.32	18.55	18.42	20.00
1.4	256QAM	1	3	18.47	18.55	18.43	20.00
1.4	256QAM	1	5	18.31	18.44	18.31	20.00
1.4	256QAM	3	0	18.33	18.55	18.51	20.00
1.4	256QAM	3	1	18.44	18.60	18.50	20.00
1.4	256QAM	3	3	18.43	18.59	18.32	20.00
1.4	256QAM	6	0	18.33	18.49	18.44	20.00

【LTE Band 4_Ant5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	15.30	15.42	15.28	16.50
20	QPSK	1	49	15.26	15.29	15.24	16.50
20	QPSK	1	99	15.29	15.28	15.21	16.50
20	QPSK	50	0	15.36	15.37	15.24	16.50
20	QPSK	50	24	15.21	15.30	15.21	16.50
20	QPSK	50	50	15.22	15.24	15.19	16.50
20	QPSK	100	0	15.21	15.29	15.26	16.50
20	16QAM	1	0	15.21	15.31	15.22	16.50
20	16QAM	1	49	15.23	15.30	15.21	16.50
20	16QAM	1	99	15.26	15.33	15.20	16.50
20	16QAM	50	0	15.27	15.24	15.24	16.50
20	16QAM	50	24	15.31	15.32	15.25	16.50
20	16QAM	50	50	15.25	15.29	15.27	16.50
20	16QAM	100	0	15.27	15.34	15.25	16.50
20	64QAM	1	0	15.20	15.31	15.22	16.50
20	64QAM	1	49	15.21	15.24	15.25	16.50
20	64QAM	1	99	15.23	15.25	15.22	16.50
20	64QAM	50	0	15.21	15.29	15.18	16.50

20	64QAM	50	24	15.28	15.23	15.27	16.50
20	64QAM	50	50	15.27	15.31	15.27	16.50
20	64QAM	100	0	15.20	15.32	15.19	16.50
20	256QAM	1	0	15.21	15.32	15.17	16.50
20	256QAM	1	49	15.24	15.29	15.19	16.50
20	256QAM	1	99	15.24	15.33	15.23	16.50
20	256QAM	50	0	15.31	15.30	15.27	16.50
20	256QAM	50	24	15.21	15.33	15.26	16.50
20	256QAM	50	50	15.22	15.25	15.28	16.50
20	256QAM	100	0	15.24	15.26	15.19	16.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.25	15.40	15.19	16.50
15	QPSK	1	37	15.16	15.15	15.14	16.50
15	QPSK	1	74	15.24	15.23	15.14	16.50
15	QPSK	36	0	15.26	15.32	15.19	16.50
15	QPSK	36	20	15.19	15.24	15.13	16.50
15	QPSK	36	39	15.10	15.14	15.06	16.50
15	QPSK	75	0	15.11	15.27	15.18	16.50
15	16QAM	1	0	15.19	15.17	15.15	16.50
15	16QAM	1	37	15.09	15.25	15.09	16.50
15	16QAM	1	74	15.12	15.20	15.16	16.50
15	16QAM	36	0	15.13	15.18	15.21	16.50
15	16QAM	36	20	15.20	15.23	15.17	16.50
15	16QAM	36	39	15.19	15.27	15.23	16.50
15	16QAM	75	0	15.14	15.25	15.19	16.50
15	64QAM	1	0	15.13	15.29	15.08	16.50
15	64QAM	1	37	15.13	15.21	15.19	16.50
15	64QAM	1	74	15.10	15.13	15.07	16.50
15	64QAM	36	0	15.08	15.18	15.17	16.50
15	64QAM	36	20	15.14	15.19	15.15	16.50
15	64QAM	36	39	15.13	15.25	15.15	16.50
15	64QAM	75	0	15.16	15.18	15.12	16.50
15	256QAM	1	0	15.09	15.22	15.02	16.50
15	256QAM	1	37	15.14	15.18	15.17	16.50
15	256QAM	1	74	15.11	15.25	15.19	16.50
15	256QAM	36	0	15.22	15.23	15.21	16.50
15	256QAM	36	20	15.18	15.28	15.12	16.50
15	256QAM	36	39	15.14	15.12	15.20	16.50
15	256QAM	75	0	15.21	15.13	15.04	16.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	15.25	15.41	15.25	16.50
10	QPSK	1	25	15.16	15.26	15.12	16.50
10	QPSK	1	49	15.27	15.21	15.11	16.50
10	QPSK	25	0	15.31	15.34	15.19	16.50
10	QPSK	25	12	15.20	15.20	15.15	16.50
10	QPSK	25	25	15.19	15.10	15.18	16.50
10	QPSK	50	0	15.09	15.18	15.14	16.50
10	16QAM	1	0	15.14	15.24	15.20	16.50
10	16QAM	1	25	15.14	15.25	15.14	16.50
10	16QAM	1	49	15.24	15.22	15.08	16.50
10	16QAM	25	0	15.26	15.16	15.21	16.50
10	16QAM	25	12	15.27	15.19	15.11	16.50
10	16QAM	25	25	15.10	15.20	15.14	16.50
10	16QAM	50	0	15.25	15.32	15.17	16.50
10	64QAM	1	0	15.13	15.25	15.17	16.50
10	64QAM	1	25	15.10	15.12	15.17	16.50
10	64QAM	1	49	15.20	15.13	15.15	16.50
10	64QAM	25	0	15.11	15.25	15.12	16.50
10	64QAM	25	12	15.16	15.10	15.24	16.50
10	64QAM	25	25	15.18	15.25	15.14	16.50
10	64QAM	50	0	15.10	15.29	15.15	16.50
10	256QAM	1	0	15.10	15.22	15.12	16.50
10	256QAM	1	25	15.18	15.16	15.07	16.50
10	256QAM	1	49	15.21	15.20	15.21	16.50
10	256QAM	25	0	15.21	15.27	15.13	16.50
10	256QAM	25	12	15.15	15.25	15.24	16.50
10	256QAM	25	25	15.17	15.18	15.26	16.50
10	256QAM	50	0	15.11	15.19	15.06	16.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	15.19	15.40	15.21	16.50
5	QPSK	1	12	15.13	15.23	15.15	16.50

5	QPSK	1	24	15.25	15.25	15.17	16.50
5	QPSK	12	0	15.31	15.22	15.13	16.50
5	QPSK	12	7	15.19	15.28	15.08	16.50
5	QPSK	12	13	15.18	15.22	15.09	16.50
5	QPSK	25	0	15.17	15.16	15.14	16.50
5	16QAM	1	0	15.17	15.17	15.10	16.50
5	16QAM	1	12	15.16	15.25	15.15	16.50
5	16QAM	1	24	15.14	15.32	15.10	16.50
5	16QAM	12	0	15.18	15.14	15.10	16.50
5	16QAM	12	7	15.28	15.19	15.12	16.50
5	16QAM	12	13	15.16	15.25	15.21	16.50
5	16QAM	25	0	15.12	15.24	15.23	16.50
5	64QAM	1	0	15.11	15.17	15.10	16.50
5	64QAM	1	12	15.13	15.21	15.22	16.50
5	64QAM	1	24	15.10	15.20	15.11	16.50
5	64QAM	12	0	15.09	15.23	15.06	16.50
5	64QAM	12	7	15.14	15.19	15.25	16.50
5	64QAM	12	13	15.21	15.27	15.23	16.50
5	64QAM	25	0	15.08	15.22	15.07	16.50
5	256QAM	1	0	15.14	15.26	15.15	16.50
5	256QAM	1	12	15.11	15.24	15.08	16.50
5	256QAM	1	24	15.10	15.26	15.16	16.50
5	256QAM	12	0	15.27	15.22	15.15	16.50
5	256QAM	12	7	15.08	15.28	15.19	16.50
5	256QAM	12	13	15.19	15.16	15.22	16.50
5	256QAM	25	0	15.17	15.17	15.05	16.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	15.20	15.31	15.14	16.50
3	QPSK	1	8	15.21	15.28	15.11	16.50
3	QPSK	1	14	15.19	15.27	15.19	16.50
3	QPSK	8	0	15.27	15.33	15.18	16.50
3	QPSK	8	4	15.15	15.20	15.19	16.50
3	QPSK	8	7	15.17	15.15	15.11	16.50
3	QPSK	15	0	15.12	15.14	15.11	16.50
3	16QAM	1	0	15.16	15.24	15.19	16.50
3	16QAM	1	8	15.13	15.28	15.16	16.50
3	16QAM	1	14	15.16	15.24	15.13	16.50
3	16QAM	8	0	15.23	15.13	15.21	16.50
3	16QAM	8	4	15.27	15.18	15.21	16.50
3	16QAM	8	7	15.20	15.20	15.23	16.50
3	16QAM	15	0	15.26	15.20	15.18	16.50
3	64QAM	1	0	15.13	15.27	15.16	16.50
3	64QAM	1	8	15.14	15.12	15.22	16.50
3	64QAM	1	14	15.20	15.22	15.14	16.50
3	64QAM	8	0	15.07	15.25	15.16	16.50
3	64QAM	8	4	15.20	15.10	15.15	16.50
3	64QAM	8	7	15.20	15.18	15.26	16.50
3	64QAM	15	0	15.17	15.28	15.09	16.50
3	256QAM	1	0	15.18	15.29	15.12	16.50
3	256QAM	1	8	15.12	15.16	15.07	16.50
3	256QAM	1	14	15.21	15.23	15.09	16.50
3	256QAM	8	0	15.21	15.19	15.24	16.50
3	256QAM	8	4	15.08	15.29	15.24	16.50
3	256QAM	8	7	15.19	15.10	15.23	16.50
3	256QAM	15	0	15.17	15.16	15.14	16.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	15.17	15.31	15.22	16.50
1.4	QPSK	1	3	15.18	15.17	15.18	16.50
1.4	QPSK	1	5	15.14	15.21	15.16	16.50
1.4	QPSK	3	0	15.24	15.27	15.11	16.50
1.4	QPSK	3	1	15.09	15.25	15.06	16.50
1.4	QPSK	3	3	15.13	15.16	15.16	16.50
1.4	QPSK	6	0	15.17	15.28	15.22	16.50
1.4	16QAM	1	0	15.12	15.18	15.10	16.50
1.4	16QAM	1	3	15.18	15.20	15.16	16.50
1.4	16QAM	1	5	15.20	15.31	15.17	16.50
1.4	16QAM	3	0	15.21	15.21	15.11	16.50
1.4	16QAM	3	1	15.28	15.28	15.24	16.50
1.4	16QAM	3	3	15.15	15.15	15.15	16.50
1.4	16QAM	6	0	15.18	15.26	15.19	16.50
1.4	64QAM	1	0	15.12	15.21	15.18	16.50
1.4	64QAM	1	3	15.09	15.11	15.12	16.50

1.4	64QAM	1	5	15.14	15.11	15.13	16.50
1.4	64QAM	3	0	15.11	15.27	15.05	16.50
1.4	64QAM	3	1	15.25	15.11	15.16	16.50
1.4	64QAM	3	3	15.22	15.22	15.18	16.50
1.4	64QAM	6	0	15.10	15.28	15.16	16.50
1.4	256QAM	1	0	15.12	15.19	15.14	16.50
1.4	256QAM	1	3	15.22	15.19	15.14	16.50
1.4	256QAM	1	5	15.21	15.29	15.11	16.50
1.4	256QAM	3	0	15.21	15.17	15.15	16.50
1.4	256QAM	3	1	15.12	15.24	15.19	16.50
1.4	256QAM	3	3	15.07	15.11	15.26	16.50
1.4	256QAM	6	0	15.11	15.17	15.05	16.50

【LTE Band 4_Ant6_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	24.15	24.21	24.19	25.50
20	QPSK	1	49	24.04	24.15	24.09	25.50
20	QPSK	1	99	23.93	24.02	23.87	25.50
20	QPSK	50	0	23.02	23.19	23.03	24.50
20	QPSK	50	24	22.89	23.08	22.92	24.50
20	QPSK	50	50	22.88	23.04	23.00	24.50
20	QPSK	100	0	22.98	23.14	23.05	24.50
20	16QAM	1	0	22.84	23.01	22.96	24.50
20	16QAM	1	49	22.95	23.03	22.90	24.50
20	16QAM	1	99	22.89	23.01	22.88	24.50
20	16QAM	50	0	21.85	22.02	21.93	23.50
20	16QAM	50	24	21.90	21.97	21.84	23.50
20	16QAM	50	50	21.83	21.98	21.88	23.50
20	16QAM	100	0	21.94	22.04	21.95	23.50
20	64QAM	1	0	21.86	22.02	21.93	23.50
20	64QAM	1	49	21.83	21.99	21.93	23.50
20	64QAM	1	99	21.74	21.91	21.77	23.50
20	64QAM	50	0	20.85	21.02	20.96	22.50
20	64QAM	50	24	20.67	20.86	20.69	22.50
20	64QAM	50	50	20.83	20.98	20.90	22.50
20	64QAM	100	0	20.80	20.92	20.83	22.50
20	256QAM	1	0	18.87	19.00	18.96	20.50
20	256QAM	1	49	18.72	18.92	18.76	20.50
20	256QAM	1	99	18.74	18.89	18.76	20.50
20	256QAM	50	0	18.70	18.89	18.85	20.50
20	256QAM	50	24	18.75	18.90	18.78	20.50
20	256QAM	50	50	18.76	18.84	18.79	20.50
20	256QAM	100	0	18.67	18.86	18.73	20.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.03	24.13	24.15	25.50
15	QPSK	1	37	23.92	24.02	23.94	25.50
15	QPSK	1	74	23.85	23.94	23.77	25.50
15	QPSK	36	0	22.99	23.15	23.00	24.50
15	QPSK	36	20	22.77	22.93	22.86	24.50
15	QPSK	36	39	22.86	22.89	22.96	24.50
15	QPSK	75	0	22.83	23.06	23.01	24.50
15	16QAM	1	0	22.82	22.97	22.89	24.50
15	16QAM	1	37	22.92	22.90	22.87	24.50
15	16QAM	1	74	22.83	22.90	22.83	24.50
15	16QAM	36	0	21.75	21.92	21.85	23.50
15	16QAM	36	20	21.79	21.82	21.78	23.50
15	16QAM	36	39	21.79	21.95	21.75	23.50
15	16QAM	75	0	21.79	22.00	21.82	23.50
15	64QAM	1	0	21.75	21.98	21.83	23.50
15	64QAM	1	37	21.80	21.94	21.91	23.50
15	64QAM	1	74	21.61	21.89	21.67	23.50
15	64QAM	36	0	20.79	20.93	20.90	22.50
15	64QAM	36	20	20.62	20.74	20.55	22.50
15	64QAM	36	39	20.77	20.89	20.80	22.50
15	64QAM	75	0	20.72	20.87	20.76	22.50

15	256QAM	1	0	18.77	18.97	18.88	20.50
15	256QAM	1	37	18.69	18.82	18.72	20.50
15	256QAM	1	74	18.70	18.86	18.66	20.50
15	256QAM	36	0	18.68	18.79	18.79	20.50
15	256QAM	36	20	18.74	18.80	18.72	20.50
15	256QAM	36	39	18.68	18.76	18.65	20.50
15	256QAM	75	0	18.57	18.73	18.66	20.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	24.03	24.09	24.14	25.50
10	QPSK	1	25	23.92	24.07	23.95	25.50
10	QPSK	1	49	23.78	23.87	23.82	25.50
10	QPSK	25	0	22.88	23.10	22.95	24.50
10	QPSK	25	12	22.86	23.02	22.91	24.50
10	QPSK	25	25	22.85	22.95	22.93	24.50
10	QPSK	50	0	22.85	23.05	23.02	24.50
10	16QAM	1	0	22.76	22.88	22.84	24.50
10	16QAM	1	25	22.90	22.96	22.82	24.50
10	16QAM	1	49	22.80	22.95	22.79	24.50
10	16QAM	25	0	21.79	21.96	21.88	23.50
10	16QAM	25	12	21.84	21.90	21.76	23.50
10	16QAM	25	25	21.74	21.84	21.86	23.50
10	16QAM	50	0	21.82	21.89	21.93	23.50
10	64QAM	1	0	21.81	21.94	21.90	23.50
10	64QAM	1	25	21.73	21.97	21.82	23.50
10	64QAM	1	49	21.73	21.89	21.72	23.50
10	64QAM	25	0	20.74	20.99	20.86	22.50
10	64QAM	25	12	20.65	20.79	20.63	22.50
10	64QAM	25	25	20.81	20.94	20.85	22.50
10	64QAM	50	0	20.74	20.77	20.74	22.50
10	256QAM	1	0	18.76	18.93	18.85	20.50
10	256QAM	1	25	18.63	18.86	18.68	20.50
10	256QAM	1	49	18.62	18.79	18.66	20.50
10	256QAM	25	0	18.66	18.86	18.83	20.50
10	256QAM	25	12	18.71	18.79	18.67	20.50
10	256QAM	25	25	18.73	18.73	18.71	20.50
10	256QAM	50	0	18.64	18.77	18.68	20.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.03	24.18	24.10	25.50
5	QPSK	1	12	23.94	24.00	23.98	25.50
5	QPSK	1	24	23.89	23.96	23.82	25.50
5	QPSK	12	0	22.94	23.15	22.96	24.50
5	QPSK	12	7	22.77	23.00	22.81	24.50
5	QPSK	12	13	22.81	22.91	22.93	24.50
5	QPSK	25	0	22.90	23.00	22.98	24.50
5	16QAM	1	0	22.82	22.91	22.85	24.50
5	16QAM	1	12	22.92	22.94	22.84	24.50
5	16QAM	1	24	22.77	22.87	22.87	24.50
5	16QAM	12	0	21.76	21.90	21.86	23.50
5	16QAM	12	7	21.85	21.87	21.75	23.50
5	16QAM	12	13	21.81	21.87	21.82	23.50
5	16QAM	25	0	21.84	22.02	21.83	23.50
5	64QAM	1	0	21.78	21.90	21.80	23.50
5	64QAM	1	12	21.76	21.91	21.91	23.50
5	64QAM	1	24	21.67	21.81	21.71	23.50
5	64QAM	12	0	20.79	20.98	20.89	22.50
5	64QAM	12	7	20.64	20.84	20.57	22.50
5	64QAM	12	13	20.70	20.89	20.80	22.50
5	64QAM	25	0	20.79	20.78	20.76	22.50
5	256QAM	1	0	18.77	18.99	18.86	20.50
5	256QAM	1	12	18.64	18.78	18.70	20.50
5	256QAM	1	24	18.72	18.76	18.62	20.50
5	256QAM	12	0	18.67	18.76	18.78	20.50
5	256QAM	12	7	18.74	18.79	18.64	20.50
5	256QAM	12	13	18.69	18.81	18.66	20.50
5	256QAM	25	0	18.62	18.74	18.62	20.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.13	24.17	24.10	25.50
3	QPSK	1	8	24.02	24.11	24.04	25.50
3	QPSK	1	14	23.80	23.99	23.81	25.50
3	QPSK	8	0	22.95	23.14	22.94	24.50
3	QPSK	8	4	22.83	23.07	22.85	24.50

3	QPSK	8	7	22.82	22.99	22.93	24.50
3	QPSK	15	0	22.88	23.00	22.91	24.50
3	16QAM	1	0	22.70	22.88	22.87	24.50
3	16QAM	1	8	22.80	22.95	22.79	24.50
3	16QAM	1	14	22.81	22.90	22.87	24.50
3	16QAM	8	0	21.75	21.99	21.86	23.50
3	16QAM	8	4	21.79	21.93	21.79	23.50
3	16QAM	8	7	21.81	21.89	21.81	23.50
3	16QAM	15	0	21.82	21.98	21.80	23.50
3	64QAM	1	0	21.78	21.89	21.82	23.50
3	64QAM	1	8	21.80	21.96	21.92	23.50
3	64QAM	1	14	21.73	21.82	21.66	23.50
3	64QAM	8	0	20.73	20.88	20.84	22.50
3	64QAM	8	4	20.65	20.82	20.56	22.50
3	64QAM	8	7	20.80	20.94	20.75	22.50
3	64QAM	15	0	20.66	20.83	20.71	22.50
3	256QAM	1	0	18.74	18.89	18.93	20.50
3	256QAM	1	8	18.59	18.86	18.69	20.50
3	256QAM	1	14	18.69	18.74	18.68	20.50
3	256QAM	8	0	18.61	18.84	18.75	20.50
3	256QAM	8	4	18.62	18.75	18.70	20.50
3	256QAM	8	7	18.74	18.74	18.71	20.50
3	256QAM	15	0	18.63	18.78	18.68	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.09	24.17	24.07	25.50
1.4	QPSK	1	3	23.99	24.03	24.06	25.50
1.4	QPSK	1	5	23.86	23.96	23.76	25.50
1.4	QPSK	3	0	23.99	24.08	23.95	25.50
1.4	QPSK	3	1	23.80	24.02	23.81	25.50
1.4	QPSK	3	3	23.74	23.96	23.89	25.50
1.4	QPSK	6	0	22.85	23.02	22.96	24.50
1.4	16QAM	1	0	22.79	22.87	22.82	24.50
1.4	16QAM	1	3	22.81	22.95	22.85	24.50
1.4	16QAM	1	5	22.76	22.97	22.81	24.50
1.4	16QAM	3	0	22.76	22.96	22.83	24.50
1.4	16QAM	3	1	22.75	22.84	22.75	24.50
1.4	16QAM	3	3	22.76	22.93	22.87	24.50
1.4	16QAM	6	0	21.86	22.02	21.93	23.50
1.4	64QAM	1	0	21.73	21.91	21.89	23.50
1.4	64QAM	1	3	21.71	21.97	21.86	23.50
1.4	64QAM	1	5	21.71	21.82	21.65	23.50
1.4	64QAM	3	0	21.74	21.96	21.92	23.50
1.4	64QAM	3	1	21.63	21.85	21.61	23.50
1.4	64QAM	3	3	21.77	21.91	21.82	23.50
1.4	64QAM	6	0	20.66	20.86	20.76	22.50
1.4	256QAM	1	0	18.75	18.92	18.91	20.50
1.4	256QAM	1	3	18.63	18.90	18.70	20.50
1.4	256QAM	1	5	18.68	18.84	18.66	20.50
1.4	256QAM	3	0	18.56	18.77	18.80	20.50
1.4	256QAM	3	1	18.70	18.76	18.65	20.50
1.4	256QAM	3	3	18.68	18.71	18.73	20.50
1.4	256QAM	6	0	18.56	18.79	18.60	20.50

【LTE Band 4_Ant6_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.15	24.21	24.19	25.50
20	QPSK	1	49	24.04	24.15	24.09	25.50
20	QPSK	1	99	23.93	24.02	23.87	25.50
20	QPSK	50	0	23.02	23.19	23.03	24.50
20	QPSK	50	24	22.89	23.08	22.92	24.50
20	QPSK	50	50	22.88	23.04	23.00	24.50
20	QPSK	100	0	22.98	23.14	23.05	24.50
20	16QAM	1	0	22.84	23.01	22.96	24.50
20	16QAM	1	49	22.95	23.03	22.90	24.50
20	16QAM	1	99	22.89	23.01	22.88	24.50

20	16QAM	50	0	21.85	22.02	21.93	23.50
20	16QAM	50	24	21.90	21.97	21.84	23.50
20	16QAM	50	50	21.83	21.98	21.88	23.50
20	16QAM	100	0	21.94	22.04	21.95	23.50
20	64QAM	1	0	21.86	22.02	21.93	23.50
20	64QAM	1	49	21.83	21.99	21.93	23.50
20	64QAM	1	99	21.74	21.91	21.77	23.50
20	64QAM	50	0	20.85	21.02	20.96	22.50
20	64QAM	50	24	20.67	20.86	20.69	22.50
20	64QAM	50	50	20.83	20.98	20.90	22.50
20	64QAM	100	0	20.80	20.92	20.83	22.50
20	256QAM	1	0	18.87	19.00	18.96	20.50
20	256QAM	1	49	18.72	18.92	18.76	20.50
20	256QAM	1	99	18.74	18.89	18.76	20.50
20	256QAM	50	0	18.70	18.89	18.85	20.50
20	256QAM	50	24	18.75	18.90	18.78	20.50
20	256QAM	50	50	18.76	18.84	18.79	20.50
20	256QAM	100	0	18.67	18.86	18.73	20.50
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.03	24.13	24.15	25.50
15	QPSK	1	37	23.92	24.02	23.94	25.50
15	QPSK	1	74	23.85	23.94	23.77	25.50
15	QPSK	36	0	22.99	23.15	23.00	24.50
15	QPSK	36	20	22.77	22.93	22.86	24.50
15	QPSK	36	39	22.86	22.89	22.96	24.50
15	QPSK	75	0	22.83	23.06	23.01	24.50
15	16QAM	1	0	22.82	22.97	22.89	24.50
15	16QAM	1	37	22.92	22.90	22.87	24.50
15	16QAM	1	74	22.83	22.90	22.83	24.50
15	16QAM	36	0	21.75	21.92	21.85	23.50
15	16QAM	36	20	21.79	21.82	21.78	23.50
15	16QAM	36	39	21.79	21.95	21.75	23.50
15	16QAM	75	0	21.79	22.00	21.82	23.50
15	64QAM	1	0	21.75	21.98	21.83	23.50
15	64QAM	1	37	21.80	21.94	21.91	23.50
15	64QAM	1	74	21.61	21.89	21.67	23.50
15	64QAM	36	0	20.79	20.93	20.90	22.50
15	64QAM	36	20	20.62	20.74	20.55	22.50
15	64QAM	36	39	20.77	20.89	20.80	22.50
15	64QAM	75	0	20.72	20.87	20.76	22.50
15	256QAM	1	0	18.77	18.97	18.88	20.50
15	256QAM	1	37	18.69	18.82	18.72	20.50
15	256QAM	1	74	18.70	18.86	18.66	20.50
15	256QAM	36	0	18.68	18.79	18.79	20.50
15	256QAM	36	20	18.74	18.80	18.72	20.50
15	256QAM	36	39	18.68	18.76	18.65	20.50
15	256QAM	75	0	18.57	18.73	18.66	20.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.03	24.09	24.14	25.50
10	QPSK	1	25	23.92	24.07	23.95	25.50
10	QPSK	1	49	23.78	23.87	23.82	25.50
10	QPSK	25	0	22.88	23.10	22.95	24.50
10	QPSK	25	12	22.86	23.02	22.91	24.50
10	QPSK	25	25	22.85	22.95	22.93	24.50
10	QPSK	50	0	22.85	23.05	23.02	24.50
10	16QAM	1	0	22.76	22.88	22.84	24.50
10	16QAM	1	25	22.90	22.96	22.82	24.50
10	16QAM	1	49	22.80	22.95	22.79	24.50
10	16QAM	25	0	21.79	21.96	21.88	23.50
10	16QAM	25	12	21.84	21.90	21.76	23.50
10	16QAM	25	25	21.74	21.84	21.86	23.50
10	16QAM	50	0	21.82	21.89	21.93	23.50
10	64QAM	1	0	21.81	21.94	21.90	23.50
10	64QAM	1	25	21.73	21.97	21.82	23.50
10	64QAM	1	49	21.73	21.89	21.72	23.50
10	64QAM	25	0	20.74	20.99	20.86	22.50
10	64QAM	25	12	20.65	20.79	20.63	22.50
10	64QAM	25	25	20.81	20.94	20.85	22.50
10	64QAM	50	0	20.74	20.77	20.74	22.50
10	256QAM	1	0	18.76	18.93	18.85	20.50
10	256QAM	1	25	18.63	18.86	18.68	20.50
10	256QAM	1	49	18.62	18.79	18.66	20.50

10	256QAM	25	0	18.66	18.86	18.83	20.50
10	256QAM	25	12	18.71	18.79	18.67	20.50
10	256QAM	25	25	18.73	18.73	18.71	20.50
10	256QAM	50	0	18.64	18.77	18.68	20.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.03	24.18	24.10	25.50
5	QPSK	1	12	23.94	24.00	23.98	25.50
5	QPSK	1	24	23.89	23.96	23.82	25.50
5	QPSK	12	0	22.94	23.15	22.96	24.50
5	QPSK	12	7	22.77	23.00	22.81	24.50
5	QPSK	12	13	22.81	22.91	22.93	24.50
5	QPSK	25	0	22.90	23.00	22.98	24.50
5	16QAM	1	0	22.82	22.91	22.85	24.50
5	16QAM	1	12	22.92	22.94	22.84	24.50
5	16QAM	1	24	22.77	22.87	22.87	24.50
5	16QAM	12	0	21.76	21.90	21.86	23.50
5	16QAM	12	7	21.85	21.87	21.75	23.50
5	16QAM	12	13	21.81	21.87	21.82	23.50
5	16QAM	25	0	21.84	22.02	21.83	23.50
5	64QAM	1	0	21.78	21.90	21.80	23.50
5	64QAM	1	12	21.76	21.91	21.91	23.50
5	64QAM	1	24	21.67	21.81	21.71	23.50
5	64QAM	12	0	20.79	20.98	20.89	22.50
5	64QAM	12	7	20.64	20.84	20.57	22.50
5	64QAM	12	13	20.70	20.89	20.80	22.50
5	64QAM	25	0	20.79	20.78	20.76	22.50
5	256QAM	1	0	18.77	18.99	18.86	20.50
5	256QAM	1	12	18.64	18.78	18.70	20.50
5	256QAM	1	24	18.72	18.76	18.62	20.50
5	256QAM	12	0	18.67	18.76	18.78	20.50
5	256QAM	12	7	18.74	18.79	18.64	20.50
5	256QAM	12	13	18.69	18.81	18.66	20.50
5	256QAM	25	0	18.62	18.74	18.62	20.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.13	24.17	24.10	25.50
3	QPSK	1	8	24.02	24.11	24.04	25.50
3	QPSK	1	14	23.80	23.99	23.81	25.50
3	QPSK	8	0	22.95	23.14	22.94	24.50
3	QPSK	8	4	22.83	23.07	22.85	24.50
3	QPSK	8	7	22.82	22.99	22.93	24.50
3	QPSK	15	0	22.88	23.00	22.91	24.50
3	16QAM	1	0	22.70	22.88	22.87	24.50
3	16QAM	1	8	22.80	22.95	22.79	24.50
3	16QAM	1	14	22.81	22.90	22.87	24.50
3	16QAM	8	0	21.75	21.99	21.86	23.50
3	16QAM	8	4	21.79	21.93	21.79	23.50
3	16QAM	8	7	21.81	21.89	21.81	23.50
3	16QAM	15	0	21.82	21.98	21.80	23.50
3	64QAM	1	0	21.78	21.89	21.82	23.50
3	64QAM	1	8	21.80	21.96	21.92	23.50
3	64QAM	1	14	21.73	21.82	21.66	23.50
3	64QAM	8	0	20.73	20.88	20.84	22.50
3	64QAM	8	4	20.65	20.82	20.56	22.50
3	64QAM	8	7	20.80	20.94	20.75	22.50
3	64QAM	15	0	20.66	20.83	20.71	22.50
3	256QAM	1	0	18.74	18.89	18.93	20.50
3	256QAM	1	8	18.59	18.86	18.69	20.50
3	256QAM	1	14	18.69	18.74	18.68	20.50
3	256QAM	8	0	18.61	18.84	18.75	20.50
3	256QAM	8	4	18.62	18.75	18.70	20.50
3	256QAM	8	7	18.74	18.74	18.71	20.50
3	256QAM	15	0	18.63	18.78	18.68	20.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.09	24.17	24.07	25.50
1.4	QPSK	1	3	23.99	24.03	24.06	25.50
1.4	QPSK	1	5	23.86	23.96	23.76	25.50
1.4	QPSK	3	0	23.99	24.08	23.95	25.50
1.4	QPSK	3	1	23.80	24.02	23.81	25.50
1.4	QPSK	3	3	23.74	23.96	23.89	25.50
1.4	QPSK	6	0	22.85	23.02	22.96	24.50
1.4	16QAM	1	0	22.79	22.87	22.82	24.50

1.4	16QAM	1	3	22.81	22.95	22.85	24.50
1.4	16QAM	1	5	22.76	22.97	22.81	24.50
1.4	16QAM	3	0	22.76	22.96	22.83	24.50
1.4	16QAM	3	1	22.75	22.84	22.75	24.50
1.4	16QAM	3	3	22.76	22.93	22.87	24.50
1.4	16QAM	6	0	21.86	22.02	21.93	23.50
1.4	64QAM	1	0	21.73	21.91	21.89	23.50
1.4	64QAM	1	3	21.71	21.97	21.86	23.50
1.4	64QAM	1	5	21.71	21.82	21.65	23.50
1.4	64QAM	3	0	21.74	21.96	21.92	23.50
1.4	64QAM	3	1	21.63	21.85	21.61	23.50
1.4	64QAM	3	3	21.77	21.91	21.82	23.50
1.4	64QAM	6	0	20.66	20.86	20.76	22.50
1.4	256QAM	1	0	18.75	18.92	18.91	20.50
1.4	256QAM	1	3	18.63	18.90	18.70	20.50
1.4	256QAM	1	5	18.68	18.84	18.66	20.50
1.4	256QAM	3	0	18.56	18.77	18.80	20.50
1.4	256QAM	3	1	18.70	18.76	18.65	20.50
1.4	256QAM	3	3	18.68	18.71	18.73	20.50
1.4	256QAM	6	0	18.56	18.79	18.60	20.50

【LTE Band 4_Ant6_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.58	17.65	17.61	19.00
20	QPSK	1	49	17.40	17.57	17.41	19.00
20	QPSK	1	99	17.40	17.54	17.48	19.00
20	QPSK	50	0	17.52	17.62	17.54	19.00
20	QPSK	50	24	17.43	17.57	17.41	19.00
20	QPSK	50	50	17.49	17.56	17.48	19.00
20	QPSK	100	0	17.42	17.59	17.44	19.00
20	16QAM	1	0	17.37	17.52	17.39	19.00
20	16QAM	1	49	17.32	17.53	17.44	19.00
20	16QAM	1	99	17.40	17.58	17.43	19.00
20	16QAM	50	0	17.34	17.50	17.40	19.00
20	16QAM	50	24	17.33	17.54	17.48	19.00
20	16QAM	50	50	17.34	17.54	17.43	19.00
20	16QAM	100	0	17.38	17.54	17.49	19.00
20	64QAM	1	0	17.38	17.56	17.47	19.00
20	64QAM	1	49	17.28	17.50	17.36	19.00
20	64QAM	1	99	17.44	17.60	17.45	19.00
20	64QAM	50	0	17.42	17.53	17.36	19.00
20	64QAM	50	24	17.37	17.50	17.41	19.00
20	64QAM	50	50	17.31	17.51	17.35	19.00
20	64QAM	100	0	17.45	17.57	17.39	19.00
20	256QAM	1	0	17.49	17.57	17.41	19.00
20	256QAM	1	49	17.40	17.50	17.35	19.00
20	256QAM	1	99	17.41	17.59	17.49	19.00
20	256QAM	50	0	17.48	17.56	17.45	19.00
20	256QAM	50	24	17.41	17.51	17.45	19.00
20	256QAM	50	50	17.40	17.51	17.45	19.00
20	256QAM	100	0	17.38	17.51	17.35	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.56	17.57	17.53	19.00
15	QPSK	1	37	17.26	17.53	17.27	19.00
15	QPSK	1	74	17.31	17.50	17.46	19.00
15	QPSK	36	0	17.39	17.53	17.49	19.00
15	QPSK	36	20	17.38	17.46	17.40	19.00
15	QPSK	36	39	17.34	17.49	17.47	19.00
15	QPSK	75	0	17.37	17.48	17.35	19.00
15	16QAM	1	0	17.30	17.49	17.25	19.00
15	16QAM	1	37	17.27	17.47	17.31	19.00
15	16QAM	1	74	17.30	17.50	17.41	19.00
15	16QAM	36	0	17.27	17.47	17.26	19.00
15	16QAM	36	20	17.27	17.39	17.45	19.00
15	16QAM	36	39	17.28	17.46	17.29	19.00

15	16QAM	75	0	17.36	17.41	17.36	19.00
15	64QAM	1	0	17.29	17.42	17.34	19.00
15	64QAM	1	37	17.27	17.42	17.27	19.00
15	64QAM	1	74	17.33	17.58	17.37	19.00
15	64QAM	36	0	17.31	17.41	17.32	19.00
15	64QAM	36	20	17.22	17.40	17.31	19.00
15	64QAM	36	39	17.19	17.38	17.34	19.00
15	64QAM	75	0	17.42	17.43	17.30	19.00
15	256QAM	1	0	17.39	17.56	17.39	19.00
15	256QAM	1	37	17.39	17.47	17.21	19.00
15	256QAM	1	74	17.33	17.54	17.36	19.00
15	256QAM	36	0	17.33	17.54	17.42	19.00
15	256QAM	36	20	17.37	17.47	17.40	19.00
15	256QAM	36	39	17.32	17.41	17.42	19.00
15	256QAM	75	0	17.27	17.41	17.27	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.51	17.51	17.47	19.00
10	QPSK	1	25	17.39	17.53	17.37	19.00
10	QPSK	1	49	17.27	17.42	17.39	19.00
10	QPSK	25	0	17.41	17.58	17.48	19.00
10	QPSK	25	12	17.34	17.52	17.32	19.00
10	QPSK	25	25	17.33	17.51	17.37	19.00
10	QPSK	50	0	17.29	17.56	17.38	19.00
10	16QAM	1	0	17.31	17.45	17.28	19.00
10	16QAM	1	25	17.23	17.47	17.33	19.00
10	16QAM	1	49	17.37	17.55	17.30	19.00
10	16QAM	25	0	17.24	17.39	17.35	19.00
10	16QAM	25	12	17.26	17.53	17.45	19.00
10	16QAM	25	25	17.20	17.42	17.39	19.00
10	16QAM	50	0	17.29	17.40	17.47	19.00
10	64QAM	1	0	17.36	17.45	17.45	19.00
10	64QAM	1	25	17.21	17.35	17.35	19.00
10	64QAM	1	49	17.35	17.54	17.34	19.00
10	64QAM	25	0	17.40	17.49	17.31	19.00
10	64QAM	25	12	17.26	17.44	17.31	19.00
10	64QAM	25	25	17.29	17.43	17.24	19.00
10	64QAM	50	0	17.32	17.52	17.29	19.00
10	256QAM	1	0	17.35	17.53	17.29	19.00
10	256QAM	1	25	17.35	17.45	17.33	19.00
10	256QAM	1	49	17.36	17.49	17.38	19.00
10	256QAM	25	0	17.42	17.55	17.31	19.00
10	256QAM	25	12	17.29	17.44	17.42	19.00
10	256QAM	25	25	17.31	17.46	17.41	19.00
10	256QAM	50	0	17.36	17.36	17.31	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.43	17.55	17.57	19.00
5	QPSK	1	12	17.26	17.47	17.38	19.00
5	QPSK	1	24	17.28	17.48	17.46	19.00
5	QPSK	12	0	17.36	17.57	17.43	19.00
5	QPSK	12	7	17.29	17.48	17.40	19.00
5	QPSK	12	13	17.31	17.44	17.45	19.00
5	QPSK	25	0	17.36	17.56	17.29	19.00
5	16QAM	1	0	17.28	17.50	17.35	19.00
5	16QAM	1	12	17.21	17.41	17.39	19.00
5	16QAM	1	24	17.26	17.48	17.40	19.00
5	16QAM	12	0	17.28	17.38	17.27	19.00
5	16QAM	12	7	17.24	17.51	17.36	19.00
5	16QAM	12	13	17.33	17.43	17.40	19.00
5	16QAM	25	0	17.33	17.52	17.46	19.00
5	64QAM	1	0	17.32	17.45	17.43	19.00
5	64QAM	1	12	17.16	17.48	17.33	19.00
5	64QAM	1	24	17.37	17.57	17.42	19.00
5	64QAM	12	0	17.40	17.46	17.33	19.00
5	64QAM	12	7	17.32	17.38	17.30	19.00
5	64QAM	12	13	17.26	17.43	17.28	19.00
5	64QAM	25	0	17.36	17.50	17.28	19.00
5	256QAM	1	0	17.44	17.54	17.27	19.00
5	256QAM	1	12	17.32	17.42	17.26	19.00
5	256QAM	1	24	17.37	17.55	17.42	19.00
5	256QAM	12	0	17.36	17.51	17.39	19.00
5	256QAM	12	7	17.28	17.47	17.42	19.00
5	256QAM	12	13	17.34	17.37	17.33	19.00

5	256QAM	25	0	17.27	17.46	17.29	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.49	17.61	17.54	19.00
3	QPSK	1	8	17.34	17.48	17.37	19.00
3	QPSK	1	14	17.30	17.48	17.37	19.00
3	QPSK	8	0	17.41	17.59	17.45	19.00
3	QPSK	8	4	17.34	17.51	17.39	19.00
3	QPSK	8	7	17.36	17.43	17.34	19.00
3	QPSK	15	0	17.35	17.45	17.41	19.00
3	16QAM	1	0	17.32	17.47	17.25	19.00
3	16QAM	1	8	17.27	17.42	17.39	19.00
3	16QAM	1	14	17.30	17.46	17.37	19.00
3	16QAM	8	0	17.26	17.47	17.32	19.00
3	16QAM	8	4	17.31	17.40	17.37	19.00
3	16QAM	8	7	17.32	17.45	17.34	19.00
3	16QAM	15	0	17.37	17.48	17.37	19.00
3	64QAM	1	0	17.26	17.47	17.40	19.00
3	64QAM	1	8	17.15	17.39	17.31	19.00
3	64QAM	1	14	17.38	17.59	17.35	19.00
3	64QAM	8	0	17.31	17.47	17.24	19.00
3	64QAM	8	4	17.31	17.40	17.37	19.00
3	64QAM	8	7	17.20	17.50	17.25	19.00
3	64QAM	15	0	17.35	17.45	17.25	19.00
3	256QAM	1	0	17.34	17.43	17.36	19.00
3	256QAM	1	8	17.34	17.36	17.31	19.00
3	256QAM	1	14	17.30	17.54	17.44	19.00
3	256QAM	8	0	17.34	17.54	17.40	19.00
3	256QAM	8	4	17.27	17.39	17.35	19.00
3	256QAM	8	7	17.36	17.45	17.31	19.00
3	256QAM	15	0	17.35	17.44	17.23	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.50	17.52	17.58	19.00
1.4	QPSK	1	3	17.32	17.50	17.28	19.00
1.4	QPSK	1	5	17.31	17.45	17.43	19.00
1.4	QPSK	3	0	17.37	17.51	17.51	19.00
1.4	QPSK	3	1	17.32	17.44	17.27	19.00
1.4	QPSK	3	3	17.34	17.42	17.34	19.00
1.4	QPSK	6	0	17.37	17.47	17.37	19.00
1.4	16QAM	1	0	17.30	17.49	17.35	19.00
1.4	16QAM	1	3	17.29	17.44	17.43	19.00
1.4	16QAM	1	5	17.29	17.49	17.32	19.00
1.4	16QAM	3	0	17.28	17.38	17.34	19.00
1.4	16QAM	3	1	17.21	17.43	17.35	19.00
1.4	16QAM	3	3	17.21	17.52	17.39	19.00
1.4	16QAM	6	0	17.27	17.49	17.40	19.00
1.4	64QAM	1	0	17.28	17.45	17.43	19.00
1.4	64QAM	1	3	17.16	17.40	17.34	19.00
1.4	64QAM	1	5	17.38	17.51	17.31	19.00
1.4	64QAM	3	0	17.36	17.43	17.29	19.00
1.4	64QAM	3	1	17.31	17.46	17.30	19.00
1.4	64QAM	3	3	17.17	17.49	17.22	19.00
1.4	64QAM	6	0	17.43	17.48	17.37	19.00
1.4	256QAM	1	0	17.38	17.50	17.40	19.00
1.4	256QAM	1	3	17.33	17.42	17.33	19.00
1.4	256QAM	1	5	17.32	17.56	17.43	19.00
1.4	256QAM	3	0	17.47	17.55	17.33	19.00
1.4	256QAM	3	1	17.29	17.39	17.38	19.00
1.4	256QAM	3	3	17.39	17.36	17.35	19.00
1.4	256QAM	6	0	17.36	17.47	17.32	19.00

【LTE Band 4_Ant6_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	19.00
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.58	17.65	17.61	19.00
20	QPSK	1	49	17.40	17.57	17.41	19.00
20	QPSK	1	99	17.40	17.54	17.48	19.00
20	QPSK	50	0	17.52	17.62	17.54	19.00
20	QPSK	50	24	17.43	17.57	17.41	19.00
20	QPSK	50	50	17.49	17.56	17.48	19.00
20	QPSK	100	0	17.42	17.59	17.44	19.00
20	16QAM	1	0	17.37	17.52	17.39	19.00
20	16QAM	1	49	17.32	17.53	17.44	19.00
20	16QAM	1	99	17.40	17.58	17.43	19.00
20	16QAM	50	0	17.34	17.50	17.40	19.00
20	16QAM	50	24	17.33	17.54	17.48	19.00
20	16QAM	50	50	17.34	17.54	17.43	19.00
20	16QAM	100	0	17.38	17.54	17.49	19.00
20	64QAM	1	0	17.38	17.56	17.47	19.00
20	64QAM	1	49	17.28	17.50	17.36	19.00
20	64QAM	1	99	17.44	17.60	17.45	19.00
20	64QAM	50	0	17.42	17.53	17.36	19.00
20	64QAM	50	24	17.37	17.50	17.41	19.00
20	64QAM	50	50	17.31	17.51	17.35	19.00
20	64QAM	100	0	17.45	17.57	17.39	19.00
20	256QAM	1	0	17.49	17.57	17.41	19.00
20	256QAM	1	49	17.40	17.50	17.35	19.00
20	256QAM	1	99	17.41	17.59	17.49	19.00
20	256QAM	50	0	17.48	17.56	17.45	19.00
20	256QAM	50	24	17.41	17.51	17.45	19.00
20	256QAM	50	50	17.40	17.51	17.45	19.00
20	256QAM	100	0	17.38	17.51	17.35	19.00
Channel				20025	20175	20325	19.00
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.56	17.57	17.53	19.00
15	QPSK	1	37	17.26	17.53	17.27	19.00
15	QPSK	1	74	17.31	17.50	17.46	19.00
15	QPSK	36	0	17.39	17.53	17.49	19.00
15	QPSK	36	20	17.38	17.46	17.40	19.00
15	QPSK	36	39	17.34	17.49	17.47	19.00
15	QPSK	75	0	17.37	17.48	17.35	19.00
15	16QAM	1	0	17.30	17.49	17.25	19.00
15	16QAM	1	37	17.27	17.47	17.31	19.00
15	16QAM	1	74	17.30	17.50	17.41	19.00
15	16QAM	36	0	17.27	17.47	17.26	19.00
15	16QAM	36	20	17.27	17.39	17.45	19.00
15	16QAM	36	39	17.28	17.46	17.29	19.00
15	16QAM	75	0	17.36	17.41	17.36	19.00
15	64QAM	1	0	17.29	17.42	17.34	19.00
15	64QAM	1	37	17.27	17.42	17.27	19.00
15	64QAM	1	74	17.33	17.58	17.37	19.00
15	64QAM	36	0	17.31	17.41	17.32	19.00
15	64QAM	36	20	17.22	17.40	17.31	19.00
15	64QAM	36	39	17.19	17.38	17.34	19.00
15	64QAM	75	0	17.42	17.43	17.30	19.00
15	256QAM	1	0	17.39	17.56	17.39	19.00
15	256QAM	1	37	17.39	17.47	17.21	19.00
15	256QAM	1	74	17.33	17.54	17.36	19.00
15	256QAM	36	0	17.33	17.54	17.42	19.00
15	256QAM	36	20	17.37	17.47	17.40	19.00
15	256QAM	36	39	17.32	17.41	17.42	19.00
15	256QAM	75	0	17.27	17.41	17.27	19.00
Channel				20000	20175	20350	19.00
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.51	17.51	17.47	19.00
10	QPSK	1	25	17.39	17.53	17.37	19.00
10	QPSK	1	49	17.27	17.42	17.39	19.00
10	QPSK	25	0	17.41	17.58	17.48	19.00
10	QPSK	25	12	17.34	17.52	17.32	19.00
10	QPSK	25	25	17.33	17.51	17.37	19.00

10	QPSK	50	0	17.29	17.56	17.38	19.00
10	16QAM	1	0	17.31	17.45	17.28	19.00
10	16QAM	1	25	17.23	17.47	17.33	19.00
10	16QAM	1	49	17.37	17.55	17.30	19.00
10	16QAM	25	0	17.24	17.39	17.35	19.00
10	16QAM	25	12	17.26	17.53	17.45	19.00
10	16QAM	25	25	17.20	17.42	17.39	19.00
10	16QAM	50	0	17.29	17.40	17.47	19.00
10	64QAM	1	0	17.36	17.45	17.45	19.00
10	64QAM	1	25	17.21	17.35	17.35	19.00
10	64QAM	1	49	17.35	17.54	17.34	19.00
10	64QAM	25	0	17.40	17.49	17.31	19.00
10	64QAM	25	12	17.26	17.44	17.31	19.00
10	64QAM	25	25	17.29	17.43	17.24	19.00
10	64QAM	50	0	17.32	17.52	17.29	19.00
10	256QAM	1	0	17.35	17.53	17.29	19.00
10	256QAM	1	25	17.35	17.45	17.33	19.00
10	256QAM	1	49	17.36	17.49	17.38	19.00
10	256QAM	25	0	17.42	17.55	17.31	19.00
10	256QAM	25	12	17.29	17.44	17.42	19.00
10	256QAM	25	25	17.31	17.46	17.41	19.00
10	256QAM	50	0	17.36	17.36	17.31	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.43	17.55	17.57	19.00
5	QPSK	1	12	17.26	17.47	17.38	19.00
5	QPSK	1	24	17.28	17.48	17.46	19.00
5	QPSK	12	0	17.36	17.57	17.43	19.00
5	QPSK	12	7	17.29	17.48	17.40	19.00
5	QPSK	12	13	17.31	17.44	17.45	19.00
5	QPSK	25	0	17.36	17.56	17.29	19.00
5	16QAM	1	0	17.28	17.50	17.35	19.00
5	16QAM	1	12	17.21	17.41	17.39	19.00
5	16QAM	1	24	17.26	17.48	17.40	19.00
5	16QAM	12	0	17.28	17.38	17.27	19.00
5	16QAM	12	7	17.24	17.51	17.36	19.00
5	16QAM	12	13	17.33	17.43	17.40	19.00
5	16QAM	25	0	17.33	17.52	17.46	19.00
5	64QAM	1	0	17.32	17.45	17.43	19.00
5	64QAM	1	12	17.16	17.48	17.33	19.00
5	64QAM	1	24	17.37	17.57	17.42	19.00
5	64QAM	12	0	17.40	17.46	17.33	19.00
5	64QAM	12	7	17.32	17.38	17.30	19.00
5	64QAM	12	13	17.26	17.43	17.28	19.00
5	64QAM	25	0	17.36	17.50	17.28	19.00
5	256QAM	1	0	17.44	17.54	17.27	19.00
5	256QAM	1	12	17.32	17.42	17.26	19.00
5	256QAM	1	24	17.37	17.55	17.42	19.00
5	256QAM	12	0	17.36	17.51	17.39	19.00
5	256QAM	12	7	17.28	17.47	17.42	19.00
5	256QAM	12	13	17.34	17.37	17.33	19.00
5	256QAM	25	0	17.27	17.46	17.29	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.49	17.61	17.54	19.00
3	QPSK	1	8	17.34	17.48	17.37	19.00
3	QPSK	1	14	17.30	17.48	17.37	19.00
3	QPSK	8	0	17.41	17.59	17.45	19.00
3	QPSK	8	4	17.34	17.51	17.39	19.00
3	QPSK	8	7	17.36	17.43	17.34	19.00
3	QPSK	15	0	17.35	17.45	17.41	19.00
3	16QAM	1	0	17.32	17.47	17.25	19.00
3	16QAM	1	8	17.27	17.42	17.39	19.00
3	16QAM	1	14	17.30	17.46	17.37	19.00
3	16QAM	8	0	17.26	17.47	17.32	19.00
3	16QAM	8	4	17.31	17.40	17.37	19.00
3	16QAM	8	7	17.32	17.45	17.34	19.00
3	16QAM	15	0	17.37	17.48	17.37	19.00
3	64QAM	1	0	17.26	17.47	17.40	19.00
3	64QAM	1	8	17.15	17.39	17.31	19.00
3	64QAM	1	14	17.38	17.59	17.35	19.00
3	64QAM	8	0	17.31	17.47	17.24	19.00
3	64QAM	8	4	17.31	17.40	17.37	19.00
3	64QAM	8	7	17.20	17.50	17.25	19.00

3	64QAM	15	0	17.35	17.45	17.25	19.00
3	256QAM	1	0	17.34	17.43	17.36	19.00
3	256QAM	1	8	17.34	17.36	17.31	19.00
3	256QAM	1	14	17.30	17.54	17.44	19.00
3	256QAM	8	0	17.34	17.54	17.40	19.00
3	256QAM	8	4	17.27	17.39	17.35	19.00
3	256QAM	8	7	17.36	17.45	17.31	19.00
3	256QAM	15	0	17.35	17.44	17.23	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.50	17.52	17.58	19.00
1.4	QPSK	1	3	17.32	17.50	17.28	19.00
1.4	QPSK	1	5	17.31	17.45	17.43	19.00
1.4	QPSK	3	0	17.37	17.51	17.51	19.00
1.4	QPSK	3	1	17.32	17.44	17.27	19.00
1.4	QPSK	3	3	17.34	17.42	17.34	19.00
1.4	QPSK	6	0	17.37	17.47	17.37	19.00
1.4	16QAM	1	0	17.30	17.49	17.35	19.00
1.4	16QAM	1	3	17.29	17.44	17.43	19.00
1.4	16QAM	1	5	17.29	17.49	17.32	19.00
1.4	16QAM	3	0	17.28	17.38	17.34	19.00
1.4	16QAM	3	1	17.21	17.43	17.35	19.00
1.4	16QAM	3	3	17.21	17.52	17.39	19.00
1.4	16QAM	6	0	17.27	17.49	17.40	19.00
1.4	64QAM	1	0	17.28	17.45	17.43	19.00
1.4	64QAM	1	3	17.16	17.40	17.34	19.00
1.4	64QAM	1	5	17.38	17.51	17.31	19.00
1.4	64QAM	3	0	17.36	17.43	17.29	19.00
1.4	64QAM	3	1	17.31	17.46	17.30	19.00
1.4	64QAM	3	3	17.17	17.49	17.22	19.00
1.4	64QAM	6	0	17.43	17.48	17.37	19.00
1.4	256QAM	1	0	17.38	17.50	17.40	19.00
1.4	256QAM	1	3	17.33	17.42	17.33	19.00
1.4	256QAM	1	5	17.32	17.56	17.43	19.00
1.4	256QAM	3	0	17.47	17.55	17.33	19.00
1.4	256QAM	3	1	17.29	17.39	17.38	19.00
1.4	256QAM	3	3	17.39	17.36	17.35	19.00
1.4	256QAM	6	0	17.36	17.47	17.32	19.00

【LTE Band 4_Ant6_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.58	17.65	17.61	19.00
20	QPSK	1	49	17.40	17.57	17.41	19.00
20	QPSK	1	99	17.40	17.54	17.48	19.00
20	QPSK	50	0	17.52	17.62	17.54	19.00
20	QPSK	50	24	17.43	17.57	17.41	19.00
20	QPSK	50	50	17.49	17.56	17.48	19.00
20	QPSK	100	0	17.42	17.59	17.44	19.00
20	16QAM	1	0	17.37	17.52	17.39	19.00
20	16QAM	1	49	17.32	17.53	17.44	19.00
20	16QAM	1	99	17.40	17.58	17.43	19.00
20	16QAM	50	0	17.34	17.50	17.40	19.00
20	16QAM	50	24	17.33	17.54	17.48	19.00
20	16QAM	50	50	17.34	17.54	17.43	19.00
20	16QAM	100	0	17.38	17.54	17.49	19.00
20	64QAM	1	0	17.38	17.56	17.47	19.00
20	64QAM	1	49	17.28	17.50	17.36	19.00
20	64QAM	1	99	17.44	17.60	17.45	19.00
20	64QAM	50	0	17.42	17.53	17.36	19.00
20	64QAM	50	24	17.37	17.50	17.41	19.00
20	64QAM	50	50	17.31	17.51	17.35	19.00
20	64QAM	100	0	17.45	17.57	17.39	19.00
20	256QAM	1	0	17.49	17.57	17.41	19.00
20	256QAM	1	49	17.40	17.50	17.35	19.00
20	256QAM	1	99	17.41	17.59	17.49	19.00
20	256QAM	50	0	17.48	17.56	17.45	19.00

20	256QAM	50	24	17.41	17.51	17.45	19.00
20	256QAM	50	50	17.40	17.51	17.45	19.00
20	256QAM	100	0	17.38	17.51	17.35	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	17.56	17.57	17.53	19.00
15	QPSK	1	37	17.26	17.53	17.27	19.00
15	QPSK	1	74	17.31	17.50	17.46	19.00
15	QPSK	36	0	17.39	17.53	17.49	19.00
15	QPSK	36	20	17.38	17.46	17.40	19.00
15	QPSK	36	39	17.34	17.49	17.47	19.00
15	QPSK	75	0	17.37	17.48	17.35	19.00
15	16QAM	1	0	17.30	17.49	17.25	19.00
15	16QAM	1	37	17.27	17.47	17.31	19.00
15	16QAM	1	74	17.30	17.50	17.41	19.00
15	16QAM	36	0	17.27	17.47	17.26	19.00
15	16QAM	36	20	17.27	17.39	17.45	19.00
15	16QAM	36	39	17.28	17.46	17.29	19.00
15	16QAM	75	0	17.36	17.41	17.36	19.00
15	64QAM	1	0	17.29	17.42	17.34	19.00
15	64QAM	1	37	17.27	17.42	17.27	19.00
15	64QAM	1	74	17.33	17.58	17.37	19.00
15	64QAM	36	0	17.31	17.41	17.32	19.00
15	64QAM	36	20	17.22	17.40	17.31	19.00
15	64QAM	36	39	17.19	17.38	17.34	19.00
15	64QAM	75	0	17.42	17.43	17.30	19.00
15	256QAM	1	0	17.39	17.56	17.39	19.00
15	256QAM	1	37	17.39	17.47	17.21	19.00
15	256QAM	1	74	17.33	17.54	17.36	19.00
15	256QAM	36	0	17.33	17.54	17.42	19.00
15	256QAM	36	20	17.37	17.47	17.40	19.00
15	256QAM	36	39	17.32	17.41	17.42	19.00
15	256QAM	75	0	17.27	17.41	17.27	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.51	17.51	17.47	19.00
10	QPSK	1	25	17.39	17.53	17.37	19.00
10	QPSK	1	49	17.27	17.42	17.39	19.00
10	QPSK	25	0	17.41	17.58	17.48	19.00
10	QPSK	25	12	17.34	17.52	17.32	19.00
10	QPSK	25	25	17.33	17.51	17.37	19.00
10	QPSK	50	0	17.29	17.56	17.38	19.00
10	16QAM	1	0	17.31	17.45	17.28	19.00
10	16QAM	1	25	17.23	17.47	17.33	19.00
10	16QAM	1	49	17.37	17.55	17.30	19.00
10	16QAM	25	0	17.24	17.39	17.35	19.00
10	16QAM	25	12	17.26	17.53	17.45	19.00
10	16QAM	25	25	17.20	17.42	17.39	19.00
10	16QAM	50	0	17.29	17.40	17.47	19.00
10	64QAM	1	0	17.36	17.45	17.45	19.00
10	64QAM	1	25	17.21	17.35	17.35	19.00
10	64QAM	1	49	17.35	17.54	17.34	19.00
10	64QAM	25	0	17.40	17.49	17.31	19.00
10	64QAM	25	12	17.26	17.44	17.31	19.00
10	64QAM	25	25	17.29	17.43	17.24	19.00
10	64QAM	50	0	17.32	17.52	17.29	19.00
10	256QAM	1	0	17.35	17.53	17.29	19.00
10	256QAM	1	25	17.35	17.45	17.33	19.00
10	256QAM	1	49	17.36	17.49	17.38	19.00
10	256QAM	25	0	17.42	17.55	17.31	19.00
10	256QAM	25	12	17.29	17.44	17.42	19.00
10	256QAM	25	25	17.31	17.46	17.41	19.00
10	256QAM	50	0	17.36	17.36	17.31	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.43	17.55	17.57	19.00
5	QPSK	1	12	17.26	17.47	17.38	19.00
5	QPSK	1	24	17.28	17.48	17.46	19.00
5	QPSK	12	0	17.36	17.57	17.43	19.00
5	QPSK	12	7	17.29	17.48	17.40	19.00
5	QPSK	12	13	17.31	17.44	17.45	19.00
5	QPSK	25	0	17.36	17.56	17.29	19.00
5	16QAM	1	0	17.28	17.50	17.35	19.00
5	16QAM	1	12	17.21	17.41	17.39	19.00

5	16QAM	1	24	17.26	17.48	17.40	19.00
5	16QAM	12	0	17.28	17.38	17.27	19.00
5	16QAM	12	7	17.24	17.51	17.36	19.00
5	16QAM	12	13	17.33	17.43	17.40	19.00
5	16QAM	25	0	17.33	17.52	17.46	19.00
5	64QAM	1	0	17.32	17.45	17.43	19.00
5	64QAM	1	12	17.16	17.48	17.33	19.00
5	64QAM	1	24	17.37	17.57	17.42	19.00
5	64QAM	12	0	17.40	17.46	17.33	19.00
5	64QAM	12	7	17.32	17.38	17.30	19.00
5	64QAM	12	13	17.26	17.43	17.28	19.00
5	64QAM	25	0	17.36	17.50	17.28	19.00
5	256QAM	1	0	17.44	17.54	17.27	19.00
5	256QAM	1	12	17.32	17.42	17.26	19.00
5	256QAM	1	24	17.37	17.55	17.42	19.00
5	256QAM	12	0	17.36	17.51	17.39	19.00
5	256QAM	12	7	17.28	17.47	17.42	19.00
5	256QAM	12	13	17.34	17.37	17.33	19.00
5	256QAM	25	0	17.27	17.46	17.29	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.49	17.61	17.54	19.00
3	QPSK	1	8	17.34	17.48	17.37	19.00
3	QPSK	1	14	17.30	17.48	17.37	19.00
3	QPSK	8	0	17.41	17.59	17.45	19.00
3	QPSK	8	4	17.34	17.51	17.39	19.00
3	QPSK	8	7	17.36	17.43	17.34	19.00
3	QPSK	15	0	17.35	17.45	17.41	19.00
3	16QAM	1	0	17.32	17.47	17.25	19.00
3	16QAM	1	8	17.27	17.42	17.39	19.00
3	16QAM	1	14	17.30	17.46	17.37	19.00
3	16QAM	8	0	17.26	17.47	17.32	19.00
3	16QAM	8	4	17.31	17.40	17.37	19.00
3	16QAM	8	7	17.32	17.45	17.34	19.00
3	16QAM	15	0	17.37	17.48	17.37	19.00
3	64QAM	1	0	17.26	17.47	17.40	19.00
3	64QAM	1	8	17.15	17.39	17.31	19.00
3	64QAM	1	14	17.38	17.59	17.35	19.00
3	64QAM	8	0	17.31	17.47	17.24	19.00
3	64QAM	8	4	17.31	17.40	17.37	19.00
3	64QAM	8	7	17.20	17.50	17.25	19.00
3	64QAM	15	0	17.35	17.45	17.25	19.00
3	256QAM	1	0	17.34	17.43	17.36	19.00
3	256QAM	1	8	17.34	17.36	17.31	19.00
3	256QAM	1	14	17.30	17.54	17.44	19.00
3	256QAM	8	0	17.34	17.54	17.40	19.00
3	256QAM	8	4	17.27	17.39	17.35	19.00
3	256QAM	8	7	17.36	17.45	17.31	19.00
3	256QAM	15	0	17.35	17.44	17.23	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.50	17.52	17.58	19.00
1.4	QPSK	1	3	17.32	17.50	17.28	19.00
1.4	QPSK	1	5	17.31	17.45	17.43	19.00
1.4	QPSK	3	0	17.37	17.51	17.51	19.00
1.4	QPSK	3	1	17.32	17.44	17.27	19.00
1.4	QPSK	3	3	17.34	17.42	17.34	19.00
1.4	QPSK	6	0	17.37	17.47	17.37	19.00
1.4	16QAM	1	0	17.30	17.49	17.35	19.00
1.4	16QAM	1	3	17.29	17.44	17.43	19.00
1.4	16QAM	1	5	17.29	17.49	17.32	19.00
1.4	16QAM	3	0	17.28	17.38	17.34	19.00
1.4	16QAM	3	1	17.21	17.43	17.35	19.00
1.4	16QAM	3	3	17.21	17.52	17.39	19.00
1.4	16QAM	6	0	17.27	17.49	17.40	19.00
1.4	64QAM	1	0	17.28	17.45	17.43	19.00
1.4	64QAM	1	3	17.16	17.40	17.34	19.00
1.4	64QAM	1	5	17.38	17.51	17.31	19.00
1.4	64QAM	3	0	17.36	17.43	17.29	19.00
1.4	64QAM	3	1	17.31	17.46	17.30	19.00
1.4	64QAM	3	3	17.17	17.49	17.22	19.00
1.4	64QAM	6	0	17.43	17.48	17.37	19.00
1.4	256QAM	1	0	17.38	17.50	17.40	19.00
1.4	256QAM	1	3	17.33	17.42	17.33	19.00

1.4	256QAM	1	5	17.32	17.56	17.43	19.00
1.4	256QAM	3	0	17.47	17.55	17.33	19.00
1.4	256QAM	3	1	17.29	17.39	17.38	19.00
1.4	256QAM	3	3	17.39	17.36	17.35	19.00
1.4	256QAM	6	0	17.36	17.47	17.32	19.00

【LTE Band 4_Ant7_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	23.50	23.51	23.46	25.00
20	QPSK	1	49	23.28	23.41	23.22	25.00
20	QPSK	1	99	23.32	23.45	23.35	25.00
20	QPSK	50	0	22.43	22.48	22.39	24.00
20	QPSK	50	24	22.41	22.44	22.26	24.00
20	QPSK	50	50	22.28	22.42	22.28	24.00
20	QPSK	100	0	22.36	22.45	22.26	24.00
20	16QAM	1	0	22.32	22.47	22.37	24.00
20	16QAM	1	49	22.34	22.41	22.28	24.00
20	16QAM	1	99	22.31	22.44	22.31	24.00
20	16QAM	50	0	21.30	21.41	21.24	23.00
20	16QAM	50	24	21.32	21.46	21.29	23.00
20	16QAM	50	50	21.36	21.41	21.34	23.00
20	16QAM	100	0	21.35	21.38	21.21	23.00
20	64QAM	1	0	21.24	21.39	21.30	23.00
20	64QAM	1	49	21.35	21.38	21.26	23.00
20	64QAM	1	99	21.30	21.41	21.31	23.00
20	64QAM	50	0	20.29	20.43	20.32	22.00
20	64QAM	50	24	20.37	20.40	20.21	22.00
20	64QAM	50	50	20.32	20.41	20.35	22.00
20	64QAM	100	0	20.35	20.43	20.33	22.00
20	256QAM	1	0	18.48	18.53	18.45	20.00
20	256QAM	1	49	18.42	18.50	18.38	20.00
20	256QAM	1	99	18.41	18.52	18.44	20.00
20	256QAM	50	0	18.45	18.57	18.46	20.00
20	256QAM	50	24	18.39	18.52	18.43	20.00
20	256QAM	50	50	18.37	18.48	18.32	20.00
20	256QAM	100	0	18.40	18.51	18.33	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.36	23.43	23.39	25.00
15	QPSK	1	37	23.22	23.33	23.18	25.00
15	QPSK	1	74	23.23	23.39	23.30	25.00
15	QPSK	36	0	22.32	22.40	22.37	24.00
15	QPSK	36	20	22.28	22.41	22.20	24.00
15	QPSK	36	39	22.16	22.31	22.18	24.00
15	QPSK	75	0	22.27	22.33	22.21	24.00
15	16QAM	1	0	22.24	22.43	22.35	24.00
15	16QAM	1	37	22.23	22.31	22.17	24.00
15	16QAM	1	74	22.20	22.31	22.25	24.00
15	16QAM	36	0	21.24	21.39	21.23	23.00
15	16QAM	36	20	21.25	21.35	21.15	23.00
15	16QAM	36	39	21.28	21.33	21.24	23.00
15	16QAM	75	0	21.28	21.34	21.13	23.00
15	64QAM	1	0	21.12	21.35	21.15	23.00
15	64QAM	1	37	21.31	21.29	21.20	23.00
15	64QAM	1	74	21.19	21.36	21.18	23.00
15	64QAM	36	0	20.16	20.29	20.29	22.00
15	64QAM	36	20	20.31	20.27	20.17	22.00
15	64QAM	36	39	20.29	20.30	20.26	22.00
15	64QAM	75	0	20.23	20.38	20.20	22.00
15	256QAM	1	0	18.37	18.48	18.30	20.00
15	256QAM	1	37	18.28	18.48	18.28	20.00
15	256QAM	1	74	18.35	18.49	18.39	20.00
15	256QAM	36	0	18.33	18.55	18.38	20.00
15	256QAM	36	20	18.31	18.49	18.33	20.00
15	256QAM	36	39	18.32	18.35	18.27	20.00
15	256QAM	75	0	18.35	18.44	18.24	20.00

Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.41	23.48	23.33	25.00
10	QPSK	1	25	23.25	23.31	23.18	25.00
10	QPSK	1	49	23.24	23.43	23.31	25.00
10	QPSK	25	0	22.29	22.38	22.32	24.00
10	QPSK	25	12	22.33	22.32	22.11	24.00
10	QPSK	25	25	22.22	22.38	22.25	24.00
10	QPSK	50	0	22.29	22.43	22.17	24.00
10	16QAM	1	0	22.25	22.35	22.22	24.00
10	16QAM	1	25	22.28	22.35	22.21	24.00
10	16QAM	1	49	22.28	22.32	22.21	24.00
10	16QAM	25	0	21.27	21.29	21.11	23.00
10	16QAM	25	12	21.24	21.36	21.25	23.00
10	16QAM	25	25	21.27	21.28	21.33	23.00
10	16QAM	50	0	21.32	21.27	21.20	23.00
10	64QAM	1	0	21.22	21.37	21.20	23.00
10	64QAM	1	25	21.28	21.32	21.21	23.00
10	64QAM	1	49	21.24	21.34	21.16	23.00
10	64QAM	25	0	20.21	20.32	20.31	22.00
10	64QAM	25	12	20.27	20.25	20.08	22.00
10	64QAM	25	25	20.27	20.33	20.25	22.00
10	64QAM	50	0	20.25	20.37	20.29	22.00
10	256QAM	1	0	18.43	18.45	18.38	20.00
10	256QAM	1	25	18.39	18.43	18.27	20.00
10	256QAM	1	49	18.32	18.41	18.30	20.00
10	256QAM	25	0	18.38	18.44	18.43	20.00
10	256QAM	25	12	18.29	18.41	18.31	20.00
10	256QAM	25	25	18.26	18.34	18.18	20.00
10	256QAM	50	0	18.37	18.49	18.21	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.42	23.40	23.39	25.00
5	QPSK	1	12	23.24	23.34	23.21	25.00
5	QPSK	1	24	23.22	23.37	23.27	25.00
5	QPSK	12	0	22.26	22.47	22.26	24.00
5	QPSK	12	7	22.31	22.37	22.12	24.00
5	QPSK	12	13	22.17	22.33	22.25	24.00
5	QPSK	25	0	22.26	22.30	22.16	24.00
5	16QAM	1	0	22.26	22.36	22.33	24.00
5	16QAM	1	12	22.29	22.40	22.22	24.00
5	16QAM	1	24	22.18	22.40	22.30	24.00
5	16QAM	12	0	21.19	21.33	21.15	23.00
5	16QAM	12	7	21.25	21.33	21.27	23.00
5	16QAM	12	13	21.24	21.37	21.33	23.00
5	16QAM	25	0	21.30	21.36	21.16	23.00
5	64QAM	1	0	21.23	21.36	21.18	23.00
5	64QAM	1	12	21.23	21.23	21.20	23.00
5	64QAM	1	24	21.17	21.39	21.28	23.00
5	64QAM	12	0	20.17	20.36	20.22	22.00
5	64QAM	12	7	20.25	20.26	20.13	22.00
5	64QAM	12	13	20.21	20.31	20.25	22.00
5	64QAM	25	0	20.21	20.29	20.22	22.00
5	256QAM	1	0	18.35	18.44	18.38	20.00
5	256QAM	1	12	18.32	18.41	18.35	20.00
5	256QAM	1	24	18.33	18.41	18.33	20.00
5	256QAM	12	0	18.37	18.49	18.31	20.00
5	256QAM	12	7	18.31	18.38	18.29	20.00
5	256QAM	12	13	18.33	18.44	18.27	20.00
5	256QAM	25	0	18.28	18.41	18.20	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.40	23.40	23.33	25.00
3	QPSK	1	8	23.19	23.27	23.21	25.00
3	QPSK	1	14	23.22	23.33	23.26	25.00
3	QPSK	8	0	22.27	22.45	22.24	24.00
3	QPSK	8	4	22.35	22.39	22.15	24.00
3	QPSK	8	7	22.26	22.33	22.21	24.00
3	QPSK	15	0	22.34	22.40	22.20	24.00
3	16QAM	1	0	22.30	22.36	22.25	24.00
3	16QAM	1	8	22.24	22.28	22.21	24.00
3	16QAM	1	14	22.24	22.33	22.27	24.00
3	16QAM	8	0	21.21	21.33	21.18	23.00
3	16QAM	8	4	21.26	21.37	21.27	23.00

3	16QAM	8	7	21.27	21.28	21.26	23.00
3	16QAM	15	0	21.30	21.33	21.14	23.00
3	64QAM	1	0	21.19	21.31	21.24	23.00
3	64QAM	1	8	21.33	21.32	21.19	23.00
3	64QAM	1	14	21.15	21.36	21.28	23.00
3	64QAM	8	0	20.15	20.30	20.26	22.00
3	64QAM	8	4	20.29	20.33	20.18	22.00
3	64QAM	8	7	20.19	20.38	20.27	22.00
3	64QAM	15	0	20.26	20.42	20.27	22.00
3	256QAM	1	0	18.41	18.44	18.38	20.00
3	256QAM	1	8	18.34	18.48	18.35	20.00
3	256QAM	1	14	18.35	18.37	18.32	20.00
3	256QAM	8	0	18.35	18.49	18.42	20.00
3	256QAM	8	4	18.32	18.44	18.38	20.00
3	256QAM	8	7	18.24	18.44	18.22	20.00
3	256QAM	15	0	18.25	18.39	18.23	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.40	23.48	23.33	25.00
1.4	QPSK	1	3	23.19	23.34	23.20	25.00
1.4	QPSK	1	5	23.29	23.41	23.32	25.00
1.4	QPSK	3	0	23.30	23.46	23.35	25.00
1.4	QPSK	3	1	23.32	23.36	23.24	25.00
1.4	QPSK	3	3	23.23	23.38	23.21	25.00
1.4	QPSK	6	0	22.25	22.43	22.23	24.00
1.4	16QAM	1	0	22.29	22.34	22.26	24.00
1.4	16QAM	1	3	22.30	22.33	22.22	24.00
1.4	16QAM	1	5	22.22	22.37	22.29	24.00
1.4	16QAM	3	0	22.22	22.29	22.22	24.00
1.4	16QAM	3	1	22.21	22.42	22.14	24.00
1.4	16QAM	3	3	22.25	22.40	22.25	24.00
1.4	16QAM	6	0	21.30	21.33	21.14	23.00
1.4	64QAM	1	0	21.11	21.27	21.22	23.00
1.4	64QAM	1	3	21.21	21.32	21.11	23.00
1.4	64QAM	1	5	21.19	21.36	21.28	23.00
1.4	64QAM	3	0	21.18	21.34	21.31	23.00
1.4	64QAM	3	1	21.34	21.28	21.19	23.00
1.4	64QAM	3	3	21.28	21.28	21.23	23.00
1.4	64QAM	6	0	20.24	20.31	20.20	22.00
1.4	256QAM	1	0	18.46	18.51	18.40	20.00
1.4	256QAM	1	3	18.28	18.39	18.24	20.00
1.4	256QAM	1	5	18.26	18.49	18.36	20.00
1.4	256QAM	3	0	18.37	18.53	18.34	20.00
1.4	256QAM	3	1	18.27	18.39	18.29	20.00
1.4	256QAM	3	3	18.27	18.37	18.27	20.00
1.4	256QAM	6	0	18.29	18.44	18.25	20.00

【LTE Band 4_Ant7_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.61	17.65	17.64	19.00
20	QPSK	1	49	17.47	17.60	17.45	19.00
20	QPSK	1	99	17.37	17.55	17.51	19.00
20	QPSK	50	0	17.53	17.62	17.60	19.00
20	QPSK	50	24	17.48	17.57	17.42	19.00
20	QPSK	50	50	17.35	17.50	17.41	19.00
20	QPSK	100	0	17.52	17.59	17.56	19.00
20	16QAM	1	0	17.45	17.56	17.45	19.00
20	16QAM	1	49	17.46	17.58	17.55	19.00
20	16QAM	1	99	17.38	17.49	17.47	19.00
20	16QAM	50	0	17.36	17.54	17.46	19.00
20	16QAM	50	24	17.40	17.56	17.46	19.00
20	16QAM	50	50	17.45	17.60	17.48	19.00
20	16QAM	100	0	17.40	17.58	17.47	19.00
20	64QAM	1	0	17.54	17.60	17.45	19.00
20	64QAM	1	49	17.41	17.58	17.49	19.00
20	64QAM	1	99	17.53	17.59	17.44	19.00

20	64QAM	50	0	17.38	17.53	17.40	19.00
20	64QAM	50	24	17.53	17.60	17.56	19.00
20	64QAM	50	50	17.42	17.61	17.54	19.00
20	64QAM	100	0	17.53	17.59	17.51	19.00
20	256QAM	1	0	17.41	17.56	17.42	19.00
20	256QAM	1	49	17.40	17.58	17.45	19.00
20	256QAM	1	99	17.35	17.53	17.47	19.00
20	256QAM	50	0	17.43	17.55	17.51	19.00
20	256QAM	50	24	17.43	17.60	17.46	19.00
20	256QAM	50	50	17.36	17.52	17.37	19.00
20	256QAM	100	0	17.51	17.60	17.48	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.47	17.51	17.54	19.00
15	QPSK	1	37	17.46	17.58	17.34	19.00
15	QPSK	1	74	17.25	17.51	17.45	19.00
15	QPSK	36	0	17.51	17.59	17.48	19.00
15	QPSK	36	20	17.34	17.46	17.38	19.00
15	QPSK	36	39	17.24	17.39	17.34	19.00
15	QPSK	75	0	17.46	17.49	17.47	19.00
15	16QAM	1	0	17.35	17.53	17.32	19.00
15	16QAM	1	37	17.32	17.48	17.43	19.00
15	16QAM	1	74	17.26	17.44	17.36	19.00
15	16QAM	36	0	17.21	17.45	17.39	19.00
15	16QAM	36	20	17.38	17.44	17.40	19.00
15	16QAM	36	39	17.36	17.52	17.42	19.00
15	16QAM	75	0	17.29	17.44	17.33	19.00
15	64QAM	1	0	17.51	17.49	17.39	19.00
15	64QAM	1	37	17.33	17.54	17.42	19.00
15	64QAM	1	74	17.41	17.46	17.39	19.00
15	64QAM	36	0	17.31	17.41	17.28	19.00
15	64QAM	36	20	17.48	17.47	17.52	19.00
15	64QAM	36	39	17.35	17.49	17.43	19.00
15	64QAM	75	0	17.40	17.47	17.40	19.00
15	256QAM	1	0	17.37	17.51	17.40	19.00
15	256QAM	1	37	17.37	17.43	17.39	19.00
15	256QAM	1	74	17.22	17.50	17.40	19.00
15	256QAM	36	0	17.34	17.41	17.42	19.00
15	256QAM	36	20	17.29	17.57	17.44	19.00
15	256QAM	36	39	17.28	17.47	17.27	19.00
15	256QAM	75	0	17.36	17.57	17.40	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.52	17.55	17.54	19.00
10	QPSK	1	25	17.33	17.46	17.36	19.00
10	QPSK	1	49	17.26	17.45	17.38	19.00
10	QPSK	25	0	17.45	17.58	17.58	19.00
10	QPSK	25	12	17.40	17.53	17.27	19.00
10	QPSK	25	25	17.27	17.49	17.34	19.00
10	QPSK	50	0	17.49	17.52	17.43	19.00
10	16QAM	1	0	17.32	17.46	17.39	19.00
10	16QAM	1	25	17.33	17.45	17.48	19.00
10	16QAM	1	49	17.36	17.39	17.39	19.00
10	16QAM	25	0	17.31	17.52	17.45	19.00
10	16QAM	25	12	17.26	17.50	17.35	19.00
10	16QAM	25	25	17.37	17.53	17.41	19.00
10	16QAM	50	0	17.31	17.49	17.43	19.00
10	64QAM	1	0	17.49	17.50	17.42	19.00
10	64QAM	1	25	17.30	17.51	17.42	19.00
10	64QAM	1	49	17.42	17.56	17.38	19.00
10	64QAM	25	0	17.23	17.45	17.26	19.00
10	64QAM	25	12	17.41	17.48	17.44	19.00
10	64QAM	25	25	17.38	17.55	17.48	19.00
10	64QAM	50	0	17.39	17.58	17.42	19.00
10	256QAM	1	0	17.28	17.48	17.29	19.00
10	256QAM	1	25	17.33	17.48	17.38	19.00
10	256QAM	1	49	17.27	17.44	17.42	19.00
10	256QAM	25	0	17.28	17.50	17.44	19.00
10	256QAM	25	12	17.32	17.56	17.31	19.00
10	256QAM	25	25	17.27	17.49	17.25	19.00
10	256QAM	50	0	17.48	17.48	17.40	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.60	17.60	17.57	19.00

5	QPSK	1	12	17.38	17.56	17.32	19.00
5	QPSK	1	24	17.36	17.43	17.37	19.00
5	QPSK	12	0	17.46	17.51	17.52	19.00
5	QPSK	12	7	17.34	17.49	17.32	19.00
5	QPSK	12	13	17.22	17.39	17.39	19.00
5	QPSK	25	0	17.47	17.48	17.47	19.00
5	16QAM	1	0	17.42	17.41	17.42	19.00
5	16QAM	1	12	17.35	17.44	17.41	19.00
5	16QAM	1	24	17.35	17.42	17.41	19.00
5	16QAM	12	0	17.26	17.41	17.42	19.00
5	16QAM	12	7	17.38	17.51	17.35	19.00
5	16QAM	12	13	17.36	17.47	17.36	19.00
5	16QAM	25	0	17.35	17.45	17.45	19.00
5	64QAM	1	0	17.46	17.46	17.40	19.00
5	64QAM	1	12	17.40	17.48	17.40	19.00
5	64QAM	1	24	17.38	17.58	17.34	19.00
5	64QAM	12	0	17.27	17.45	17.34	19.00
5	64QAM	12	7	17.40	17.50	17.51	19.00
5	64QAM	12	13	17.28	17.57	17.41	19.00
5	64QAM	25	0	17.44	17.44	17.43	19.00
5	256QAM	1	0	17.39	17.52	17.36	19.00
5	256QAM	1	12	17.38	17.54	17.38	19.00
5	256QAM	1	24	17.32	17.44	17.36	19.00
5	256QAM	12	0	17.38	17.49	17.46	19.00
5	256QAM	12	7	17.32	17.58	17.37	19.00
5	256QAM	12	13	17.35	17.38	17.36	19.00
5	256QAM	25	0	17.41	17.48	17.45	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.48	17.54	17.52	19.00
3	QPSK	1	8	17.33	17.51	17.41	19.00
3	QPSK	1	14	17.30	17.43	17.39	19.00
3	QPSK	8	0	17.46	17.57	17.50	19.00
3	QPSK	8	4	17.40	17.53	17.38	19.00
3	QPSK	8	7	17.21	17.39	17.29	19.00
3	QPSK	15	0	17.43	17.48	17.46	19.00
3	16QAM	1	0	17.35	17.44	17.33	19.00
3	16QAM	1	8	17.31	17.57	17.44	19.00
3	16QAM	1	14	17.37	17.39	17.35	19.00
3	16QAM	8	0	17.32	17.41	17.44	19.00
3	16QAM	8	4	17.27	17.52	17.40	19.00
3	16QAM	8	7	17.32	17.55	17.43	19.00
3	16QAM	15	0	17.38	17.54	17.38	19.00
3	64QAM	1	0	17.46	17.51	17.31	19.00
3	64QAM	1	8	17.35	17.43	17.42	19.00
3	64QAM	1	14	17.42	17.55	17.41	19.00
3	64QAM	8	0	17.32	17.44	17.33	19.00
3	64QAM	8	4	17.44	17.48	17.43	19.00
3	64QAM	8	7	17.32	17.56	17.49	19.00
3	64QAM	15	0	17.48	17.46	17.47	19.00
3	256QAM	1	0	17.34	17.44	17.39	19.00
3	256QAM	1	8	17.38	17.51	17.39	19.00
3	256QAM	1	14	17.28	17.51	17.41	19.00
3	256QAM	8	0	17.39	17.54	17.39	19.00
3	256QAM	8	4	17.32	17.51	17.33	19.00
3	256QAM	8	7	17.28	17.41	17.31	19.00
3	256QAM	15	0	17.45	17.59	17.43	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.50	17.64	17.53	19.00
1.4	QPSK	1	3	17.41	17.48	17.39	19.00
1.4	QPSK	1	5	17.29	17.49	17.38	19.00
1.4	QPSK	3	0	17.40	17.55	17.48	19.00
1.4	QPSK	3	1	17.44	17.50	17.39	19.00
1.4	QPSK	3	3	17.30	17.40	17.37	19.00
1.4	QPSK	6	0	17.41	17.50	17.42	19.00
1.4	16QAM	1	0	17.39	17.51	17.31	19.00
1.4	16QAM	1	3	17.36	17.57	17.43	19.00
1.4	16QAM	1	5	17.27	17.46	17.32	19.00
1.4	16QAM	3	0	17.30	17.49	17.37	19.00
1.4	16QAM	3	1	17.30	17.49	17.39	19.00
1.4	16QAM	3	3	17.31	17.56	17.35	19.00
1.4	16QAM	6	0	17.28	17.56	17.32	19.00
1.4	64QAM	1	0	17.53	17.47	17.38	19.00

1.4	64QAM	1	3	17.31	17.45	17.39	19.00
1.4	64QAM	1	5	17.39	17.51	17.32	19.00
1.4	64QAM	3	0	17.28	17.40	17.37	19.00
1.4	64QAM	3	1	17.49	17.51	17.48	19.00
1.4	64QAM	3	3	17.38	17.58	17.53	19.00
1.4	64QAM	6	0	17.40	17.46	17.40	19.00
1.4	256QAM	1	0	17.34	17.46	17.28	19.00
1.4	256QAM	1	3	17.36	17.43	17.43	19.00
1.4	256QAM	1	5	17.27	17.39	17.43	19.00
1.4	256QAM	3	0	17.38	17.49	17.46	19.00
1.4	256QAM	3	1	17.42	17.48	17.44	19.00
1.4	256QAM	3	3	17.31	17.41	17.34	19.00
1.4	256QAM	6	0	17.50	17.58	17.35	19.00

【LTE Band 4_Ant7_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.05	18.10	18.08	19.50
20	QPSK	1	49	18.03	18.09	18.03	19.50
20	QPSK	1	99	17.89	18.05	17.95	19.50
20	QPSK	50	0	17.99	18.08	18.02	19.50
20	QPSK	50	24	17.97	18.05	17.99	19.50
20	QPSK	50	50	17.89	18.07	17.96	19.50
20	QPSK	100	0	17.89	18.04	17.89	19.50
20	16QAM	1	0	17.92	18.05	18.02	19.50
20	16QAM	1	49	17.95	18.09	17.95	19.50
20	16QAM	1	99	17.91	18.03	17.98	19.50
20	16QAM	50	0	17.90	18.06	17.91	19.50
20	16QAM	50	24	17.93	18.05	17.90	19.50
20	16QAM	50	50	17.90	18.00	17.93	19.50
20	16QAM	100	0	17.95	18.11	18.01	19.50
20	64QAM	1	0	17.88	18.07	17.90	19.50
20	64QAM	1	49	17.92	18.10	17.95	19.50
20	64QAM	1	99	17.94	18.08	17.94	19.50
20	64QAM	50	0	17.85	18.04	17.96	19.50
20	64QAM	50	24	17.92	18.09	18.04	19.50
20	64QAM	50	50	17.85	18.05	17.98	19.50
20	64QAM	100	0	17.96	18.11	18.06	19.50
20	256QAM	1	0	17.93	18.11	18.04	19.50
20	256QAM	1	49	17.86	18.01	17.93	19.50
20	256QAM	1	99	17.86	18.00	17.88	19.50
20	256QAM	50	0	18.01	18.09	17.95	19.50
20	256QAM	50	24	18.01	18.10	18.06	19.50
20	256QAM	50	50	17.95	18.08	18.03	19.50
20	256QAM	100	0	17.85	18.00	17.86	19.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.93	17.95	17.98	19.50
15	QPSK	1	37	18.00	18.05	17.99	19.50
15	QPSK	1	74	17.83	17.96	17.82	19.50
15	QPSK	36	0	17.85	18.06	17.86	19.50
15	QPSK	36	20	17.88	17.91	17.95	19.50
15	QPSK	36	39	17.75	18.01	17.91	19.50
15	QPSK	75	0	17.82	18.02	17.85	19.50
15	16QAM	1	0	17.78	18.03	17.89	19.50
15	16QAM	1	37	17.82	18.04	17.89	19.50
15	16QAM	1	74	17.84	17.93	17.97	19.50
15	16QAM	36	0	17.81	17.92	17.86	19.50
15	16QAM	36	20	17.87	17.93	17.89	19.50
15	16QAM	36	39	17.80	17.91	17.88	19.50
15	16QAM	75	0	17.92	18.07	17.99	19.50
15	64QAM	1	0	17.85	17.96	17.88	19.50
15	64QAM	1	37	17.79	17.96	17.84	19.50
15	64QAM	1	74	17.82	18.01	17.79	19.50
15	64QAM	36	0	17.73	17.90	17.87	19.50
15	64QAM	36	20	17.85	17.96	17.97	19.50
15	64QAM	36	39	17.71	17.96	17.90	19.50

15	64QAM	75	0	17.82	17.97	17.93	19.50
15	256QAM	1	0	17.88	18.06	17.92	19.50
15	256QAM	1	37	17.72	17.91	17.84	19.50
15	256QAM	1	74	17.73	17.91	17.80	19.50
15	256QAM	36	0	17.92	18.04	17.90	19.50
15	256QAM	36	20	17.95	17.96	17.95	19.50
15	256QAM	36	39	17.88	17.99	17.98	19.50
15	256QAM	75	0	17.71	17.97	17.82	19.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.98	18.08	18.02	19.50
10	QPSK	1	25	17.94	18.08	17.88	19.50
10	QPSK	1	49	17.83	18.00	17.82	19.50
10	QPSK	25	0	17.84	17.95	17.82	19.50
10	QPSK	25	12	17.88	17.99	17.87	19.50
10	QPSK	25	25	17.79	17.94	17.82	19.50
10	QPSK	50	0	17.88	18.02	17.79	19.50
10	16QAM	1	0	17.77	18.03	17.96	19.50
10	16QAM	1	25	17.88	17.97	17.90	19.50
10	16QAM	1	49	17.85	17.93	17.84	19.50
10	16QAM	25	0	17.81	17.95	17.89	19.50
10	16QAM	25	12	17.81	18.02	17.88	19.50
10	16QAM	25	25	17.76	17.87	17.86	19.50
10	16QAM	50	0	17.84	18.08	17.94	19.50
10	64QAM	1	0	17.74	17.99	17.86	19.50
10	64QAM	1	25	17.79	18.01	17.92	19.50
10	64QAM	1	49	17.88	18.01	17.85	19.50
10	64QAM	25	0	17.72	18.01	17.85	19.50
10	64QAM	25	12	17.89	17.95	17.97	19.50
10	64QAM	25	25	17.70	17.97	17.94	19.50
10	64QAM	50	0	17.89	18.04	17.98	19.50
10	256QAM	1	0	17.88	17.99	17.94	19.50
10	256QAM	1	25	17.71	17.97	17.81	19.50
10	256QAM	1	49	17.72	17.94	17.85	19.50
10	256QAM	25	0	17.93	17.97	17.92	19.50
10	256QAM	25	12	17.99	18.02	17.96	19.50
10	256QAM	25	25	17.93	17.99	17.93	19.50
10	256QAM	50	0	17.80	17.96	17.76	19.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.96	18.00	18.02	19.50
5	QPSK	1	12	17.91	18.07	17.93	19.50
5	QPSK	1	24	17.77	18.02	17.93	19.50
5	QPSK	12	0	17.87	17.94	17.88	19.50
5	QPSK	12	7	17.88	17.98	17.94	19.50
5	QPSK	12	13	17.83	18.01	17.83	19.50
5	QPSK	25	0	17.79	17.89	17.84	19.50
5	16QAM	1	0	17.84	18.02	17.92	19.50
5	16QAM	1	12	17.83	18.04	17.86	19.50
5	16QAM	1	24	17.89	17.91	17.86	19.50
5	16QAM	12	0	17.88	18.00	17.76	19.50
5	16QAM	12	7	17.81	17.94	17.85	19.50
5	16QAM	12	13	17.79	17.92	17.89	19.50
5	16QAM	25	0	17.90	18.04	17.93	19.50
5	64QAM	1	0	17.84	18.04	17.79	19.50
5	64QAM	1	12	17.83	17.96	17.86	19.50
5	64QAM	1	24	17.81	18.04	17.91	19.50
5	64QAM	12	0	17.77	17.89	17.92	19.50
5	64QAM	12	7	17.80	18.03	18.03	19.50
5	64QAM	12	13	17.83	17.92	17.97	19.50
5	64QAM	25	0	17.87	17.98	18.00	19.50
5	256QAM	1	0	17.81	18.06	18.01	19.50
5	256QAM	1	12	17.82	17.91	17.88	19.50
5	256QAM	1	24	17.73	17.97	17.74	19.50
5	256QAM	12	0	17.94	18.04	17.86	19.50
5	256QAM	12	7	17.88	18.00	18.01	19.50
5	256QAM	12	13	17.87	17.97	17.90	19.50
5	256QAM	25	0	17.73	17.94	17.75	19.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.00	17.99	17.96	19.50
3	QPSK	1	8	17.91	17.95	17.89	19.50
3	QPSK	1	14	17.78	18.04	17.94	19.50
3	QPSK	8	0	17.79	18.05	17.86	19.50

3	QPSK	8	4	17.84	17.93	17.91	19.50
3	QPSK	8	7	17.78	17.98	17.92	19.50
3	QPSK	15	0	17.76	17.96	17.77	19.50
3	16QAM	1	0	17.87	17.94	17.98	19.50
3	16QAM	1	8	17.87	18.03	17.92	19.50
3	16QAM	1	14	17.81	18.00	17.84	19.50
3	16QAM	8	0	17.86	17.98	17.81	19.50
3	16QAM	8	4	17.90	18.02	17.83	19.50
3	16QAM	8	7	17.85	17.91	17.87	19.50
3	16QAM	15	0	17.89	18.06	17.96	19.50
3	64QAM	1	0	17.74	17.96	17.87	19.50
3	64QAM	1	8	17.89	18.08	17.82	19.50
3	64QAM	1	14	17.86	17.94	17.80	19.50
3	64QAM	8	0	17.76	17.90	17.89	19.50
3	64QAM	8	4	17.89	18.03	17.99	19.50
3	64QAM	8	7	17.78	17.96	17.84	19.50
3	64QAM	15	0	17.83	17.97	17.92	19.50
3	256QAM	1	0	17.87	18.07	17.99	19.50
3	256QAM	1	8	17.73	17.89	17.80	19.50
3	256QAM	1	14	17.81	17.98	17.74	19.50
3	256QAM	8	0	17.94	17.97	17.85	19.50
3	256QAM	8	4	17.90	18.01	18.03	19.50
3	256QAM	8	7	17.85	17.98	17.94	19.50
3	256QAM	15	0	17.84	17.97	17.75	19.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.93	18.02	17.95	19.50
1.4	QPSK	1	3	17.94	17.98	18.00	19.50
1.4	QPSK	1	5	17.75	18.03	17.84	19.50
1.4	QPSK	3	0	17.86	17.95	17.86	19.50
1.4	QPSK	3	1	17.87	17.98	17.97	19.50
1.4	QPSK	3	3	17.84	17.95	17.89	19.50
1.4	QPSK	6	0	17.87	17.95	17.82	19.50
1.4	16QAM	1	0	17.83	18.03	17.91	19.50
1.4	16QAM	1	3	17.89	18.06	17.88	19.50
1.4	16QAM	1	5	17.82	17.99	17.90	19.50
1.4	16QAM	3	0	17.81	18.04	17.79	19.50
1.4	16QAM	3	1	17.84	18.00	17.84	19.50
1.4	16QAM	3	3	17.76	17.95	17.86	19.50
1.4	16QAM	6	0	17.88	17.97	17.96	19.50
1.4	64QAM	1	0	17.79	17.96	17.76	19.50
1.4	64QAM	1	3	17.81	18.02	17.85	19.50
1.4	64QAM	1	5	17.82	17.95	17.87	19.50
1.4	64QAM	3	0	17.82	17.90	17.94	19.50
1.4	64QAM	3	1	17.86	18.04	17.93	19.50
1.4	64QAM	3	3	17.76	17.94	17.85	19.50
1.4	64QAM	6	0	17.91	18.03	18.01	19.50
1.4	256QAM	1	0	17.78	18.03	17.91	19.50
1.4	256QAM	1	3	17.84	17.95	17.82	19.50
1.4	256QAM	1	5	17.79	17.92	17.73	19.50
1.4	256QAM	3	0	17.96	18.00	17.82	19.50
1.4	256QAM	3	1	17.89	18.07	18.05	19.50
1.4	256QAM	3	3	17.87	18.06	17.98	19.50
1.4	256QAM	6	0	17.83	17.88	17.84	19.50

【LTE Band 4_Ant7_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.05	18.10	18.08	19.50
20	QPSK	1	49	18.03	18.09	18.03	19.50
20	QPSK	1	99	17.89	18.05	17.95	19.50
20	QPSK	50	0	17.99	18.08	18.02	19.50
20	QPSK	50	24	17.97	18.05	17.99	19.50
20	QPSK	50	50	17.89	18.07	17.96	19.50
20	QPSK	100	0	17.89	18.04	17.89	19.50
20	16QAM	1	0	17.92	18.05	18.02	19.50
20	16QAM	1	49	17.95	18.09	17.95	19.50
20	16QAM	1	99	17.91	18.03	17.98	19.50
20	16QAM	50	0	17.90	18.06	17.91	19.50
20	16QAM	50	24	17.93	18.05	17.90	19.50
20	16QAM	50	50	17.90	18.00	17.93	19.50
20	16QAM	100	0	17.95	18.11	18.01	19.50
20	64QAM	1	0	17.88	18.07	17.90	19.50
20	64QAM	1	49	17.92	18.10	17.95	19.50
20	64QAM	1	99	17.94	18.08	17.94	19.50
20	64QAM	50	0	17.85	18.04	17.96	19.50
20	64QAM	50	24	17.92	18.09	18.04	19.50
20	64QAM	50	50	17.85	18.05	17.98	19.50
20	64QAM	100	0	17.96	18.11	18.06	19.50
20	256QAM	1	0	17.93	18.11	18.04	19.50
20	256QAM	1	49	17.86	18.01	17.93	19.50
20	256QAM	1	99	17.86	18.00	17.88	19.50
20	256QAM	50	0	18.01	18.09	17.95	19.50
20	256QAM	50	24	18.01	18.10	18.06	19.50
20	256QAM	50	50	17.95	18.08	18.03	19.50
20	256QAM	100	0	17.85	18.00	17.86	19.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.93	17.95	17.98	19.50
15	QPSK	1	37	18.00	18.05	17.99	19.50
15	QPSK	1	74	17.83	17.96	17.82	19.50
15	QPSK	36	0	17.85	18.06	17.86	19.50
15	QPSK	36	20	17.88	17.91	17.95	19.50
15	QPSK	36	39	17.75	18.01	17.91	19.50
15	QPSK	75	0	17.82	18.02	17.85	19.50
15	16QAM	1	0	17.78	18.03	17.89	19.50
15	16QAM	1	37	17.82	18.04	17.89	19.50
15	16QAM	1	74	17.84	17.93	17.97	19.50
15	16QAM	36	0	17.81	17.92	17.86	19.50
15	16QAM	36	20	17.87	17.93	17.89	19.50
15	16QAM	36	39	17.80	17.91	17.88	19.50
15	16QAM	75	0	17.92	18.07	17.99	19.50
15	64QAM	1	0	17.85	17.96	17.88	19.50
15	64QAM	1	37	17.79	17.96	17.84	19.50
15	64QAM	1	74	17.82	18.01	17.79	19.50
15	64QAM	36	0	17.73	17.90	17.87	19.50
15	64QAM	36	20	17.85	17.96	17.97	19.50
15	64QAM	36	39	17.71	17.96	17.90	19.50
15	64QAM	75	0	17.82	17.97	17.93	19.50
15	256QAM	1	0	17.88	18.06	17.92	19.50
15	256QAM	1	37	17.72	17.91	17.84	19.50
15	256QAM	1	74	17.73	17.91	17.80	19.50
15	256QAM	36	0	17.92	18.04	17.90	19.50
15	256QAM	36	20	17.95	17.96	17.95	19.50
15	256QAM	36	39	17.88	17.99	17.98	19.50
15	256QAM	75	0	17.71	17.97	17.82	19.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.98	18.08	18.02	19.50
10	QPSK	1	25	17.94	18.08	17.88	19.50
10	QPSK	1	49	17.83	18.00	17.82	19.50
10	QPSK	25	0	17.84	17.95	17.82	19.50
10	QPSK	25	12	17.88	17.99	17.87	19.50
10	QPSK	25	25	17.79	17.94	17.82	19.50
10	QPSK	50	0	17.88	18.02	17.79	19.50

10	16QAM	1	0	17.77	18.03	17.96	19.50
10	16QAM	1	25	17.88	17.97	17.90	19.50
10	16QAM	1	49	17.85	17.93	17.84	19.50
10	16QAM	25	0	17.81	17.95	17.89	19.50
10	16QAM	25	12	17.81	18.02	17.88	19.50
10	16QAM	25	25	17.76	17.87	17.86	19.50
10	16QAM	50	0	17.84	18.08	17.94	19.50
10	64QAM	1	0	17.74	17.99	17.86	19.50
10	64QAM	1	25	17.79	18.01	17.92	19.50
10	64QAM	1	49	17.88	18.01	17.85	19.50
10	64QAM	25	0	17.72	18.01	17.85	19.50
10	64QAM	25	12	17.89	17.95	17.97	19.50
10	64QAM	25	25	17.70	17.97	17.94	19.50
10	64QAM	50	0	17.89	18.04	17.98	19.50
10	256QAM	1	0	17.88	17.99	17.94	19.50
10	256QAM	1	25	17.71	17.97	17.81	19.50
10	256QAM	1	49	17.72	17.94	17.85	19.50
10	256QAM	25	0	17.93	17.97	17.92	19.50
10	256QAM	25	12	17.99	18.02	17.96	19.50
10	256QAM	25	25	17.93	17.99	17.93	19.50
10	256QAM	50	0	17.80	17.96	17.76	19.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.96	18.00	18.02	19.50
5	QPSK	1	12	17.91	18.07	17.93	19.50
5	QPSK	1	24	17.77	18.02	17.93	19.50
5	QPSK	12	0	17.87	17.94	17.88	19.50
5	QPSK	12	7	17.88	17.98	17.94	19.50
5	QPSK	12	13	17.83	18.01	17.83	19.50
5	QPSK	25	0	17.79	17.89	17.84	19.50
5	16QAM	1	0	17.84	18.02	17.92	19.50
5	16QAM	1	12	17.83	18.04	17.86	19.50
5	16QAM	1	24	17.89	17.91	17.86	19.50
5	16QAM	12	0	17.88	18.00	17.76	19.50
5	16QAM	12	7	17.81	17.94	17.85	19.50
5	16QAM	12	13	17.79	17.92	17.89	19.50
5	16QAM	25	0	17.90	18.04	17.93	19.50
5	64QAM	1	0	17.84	18.04	17.79	19.50
5	64QAM	1	12	17.83	17.96	17.86	19.50
5	64QAM	1	24	17.81	18.04	17.91	19.50
5	64QAM	12	0	17.77	17.89	17.92	19.50
5	64QAM	12	7	17.80	18.03	18.03	19.50
5	64QAM	12	13	17.83	17.92	17.97	19.50
5	64QAM	25	0	17.87	17.98	18.00	19.50
5	256QAM	1	0	17.81	18.06	18.01	19.50
5	256QAM	1	12	17.82	17.91	17.88	19.50
5	256QAM	1	24	17.73	17.97	17.74	19.50
5	256QAM	12	0	17.94	18.04	17.86	19.50
5	256QAM	12	7	17.88	18.00	18.01	19.50
5	256QAM	12	13	17.87	17.97	17.90	19.50
5	256QAM	25	0	17.73	17.94	17.75	19.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	18.00	17.99	17.96	19.50
3	QPSK	1	8	17.91	17.95	17.89	19.50
3	QPSK	1	14	17.78	18.04	17.94	19.50
3	QPSK	8	0	17.79	18.05	17.86	19.50
3	QPSK	8	4	17.84	17.93	17.91	19.50
3	QPSK	8	7	17.78	17.98	17.92	19.50
3	QPSK	15	0	17.76	17.96	17.77	19.50
3	16QAM	1	0	17.87	17.94	17.98	19.50
3	16QAM	1	8	17.87	18.03	17.92	19.50
3	16QAM	1	14	17.81	18.00	17.84	19.50
3	16QAM	8	0	17.86	17.98	17.81	19.50
3	16QAM	8	4	17.90	18.02	17.83	19.50
3	16QAM	8	7	17.85	17.91	17.87	19.50
3	16QAM	15	0	17.89	18.06	17.96	19.50
3	64QAM	1	0	17.74	17.96	17.87	19.50
3	64QAM	1	8	17.89	18.08	17.82	19.50
3	64QAM	1	14	17.86	17.94	17.80	19.50
3	64QAM	8	0	17.76	17.90	17.89	19.50
3	64QAM	8	4	17.89	18.03	17.99	19.50
3	64QAM	8	7	17.78	17.96	17.84	19.50
3	64QAM	15	0	17.83	17.97	17.92	19.50

3	256QAM	1	0	17.87	18.07	17.99	19.50
3	256QAM	1	8	17.73	17.89	17.80	19.50
3	256QAM	1	14	17.81	17.98	17.74	19.50
3	256QAM	8	0	17.94	17.97	17.85	19.50
3	256QAM	8	4	17.90	18.01	18.03	19.50
3	256QAM	8	7	17.85	17.98	17.94	19.50
3	256QAM	15	0	17.84	17.97	17.75	19.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.93	18.02	17.95	19.50
1.4	QPSK	1	3	17.94	17.98	18.00	19.50
1.4	QPSK	1	5	17.75	18.03	17.84	19.50
1.4	QPSK	3	0	17.86	17.95	17.86	19.50
1.4	QPSK	3	1	17.87	17.98	17.97	19.50
1.4	QPSK	3	3	17.84	17.95	17.89	19.50
1.4	QPSK	6	0	17.87	17.95	17.82	19.50
1.4	16QAM	1	0	17.83	18.03	17.91	19.50
1.4	16QAM	1	3	17.89	18.06	17.88	19.50
1.4	16QAM	1	5	17.82	17.99	17.90	19.50
1.4	16QAM	3	0	17.81	18.04	17.79	19.50
1.4	16QAM	3	1	17.84	18.00	17.84	19.50
1.4	16QAM	3	3	17.76	17.95	17.86	19.50
1.4	16QAM	6	0	17.88	17.97	17.96	19.50
1.4	64QAM	1	0	17.79	17.96	17.76	19.50
1.4	64QAM	1	3	17.81	18.02	17.85	19.50
1.4	64QAM	1	5	17.82	17.95	17.87	19.50
1.4	64QAM	3	0	17.82	17.90	17.94	19.50
1.4	64QAM	3	1	17.86	18.04	17.93	19.50
1.4	64QAM	3	3	17.76	17.94	17.85	19.50
1.4	64QAM	6	0	17.91	18.03	18.01	19.50
1.4	256QAM	1	0	17.78	18.03	17.91	19.50
1.4	256QAM	1	3	17.84	17.95	17.82	19.50
1.4	256QAM	1	5	17.79	17.92	17.73	19.50
1.4	256QAM	3	0	17.96	18.00	17.82	19.50
1.4	256QAM	3	1	17.89	18.07	18.05	19.50
1.4	256QAM	3	3	17.87	18.06	17.98	19.50
1.4	256QAM	6	0	17.83	17.88	17.84	19.50

【LTE Band 4_Ant7_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.61	17.65	17.64	19.00
20	QPSK	1	49	17.47	17.60	17.45	19.00
20	QPSK	1	99	17.37	17.55	17.51	19.00
20	QPSK	50	0	17.53	17.62	17.60	19.00
20	QPSK	50	24	17.48	17.57	17.42	19.00
20	QPSK	50	50	17.35	17.50	17.41	19.00
20	QPSK	100	0	17.52	17.59	17.56	19.00
20	16QAM	1	0	17.45	17.56	17.45	19.00
20	16QAM	1	49	17.46	17.58	17.55	19.00
20	16QAM	1	99	17.38	17.49	17.47	19.00
20	16QAM	50	0	17.36	17.54	17.46	19.00
20	16QAM	50	24	17.40	17.56	17.46	19.00
20	16QAM	50	50	17.45	17.60	17.48	19.00
20	16QAM	100	0	17.40	17.58	17.47	19.00
20	64QAM	1	0	17.54	17.60	17.45	19.00
20	64QAM	1	49	17.41	17.58	17.49	19.00
20	64QAM	1	99	17.53	17.59	17.44	19.00
20	64QAM	50	0	17.38	17.53	17.40	19.00
20	64QAM	50	24	17.53	17.60	17.56	19.00
20	64QAM	50	50	17.42	17.61	17.54	19.00
20	64QAM	100	0	17.53	17.59	17.51	19.00
20	256QAM	1	0	17.41	17.56	17.42	19.00
20	256QAM	1	49	17.40	17.58	17.45	19.00
20	256QAM	1	99	17.35	17.53	17.47	19.00
20	256QAM	50	0	17.43	17.55	17.51	19.00
20	256QAM	50	24	17.43	17.60	17.46	19.00

20	256QAM	50	50	17.36	17.52	17.37	19.00
20	256QAM	100	0	17.51	17.60	17.48	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.47	17.51	17.54	19.00
15	QPSK	1	37	17.46	17.58	17.34	19.00
15	QPSK	1	74	17.25	17.51	17.45	19.00
15	QPSK	36	0	17.51	17.59	17.48	19.00
15	QPSK	36	20	17.34	17.46	17.38	19.00
15	QPSK	36	39	17.24	17.39	17.34	19.00
15	QPSK	75	0	17.46	17.49	17.47	19.00
15	16QAM	1	0	17.35	17.53	17.32	19.00
15	16QAM	1	37	17.32	17.48	17.43	19.00
15	16QAM	1	74	17.26	17.44	17.36	19.00
15	16QAM	36	0	17.21	17.45	17.39	19.00
15	16QAM	36	20	17.38	17.44	17.40	19.00
15	16QAM	36	39	17.36	17.52	17.42	19.00
15	16QAM	75	0	17.29	17.44	17.33	19.00
15	64QAM	1	0	17.51	17.49	17.39	19.00
15	64QAM	1	37	17.33	17.54	17.42	19.00
15	64QAM	1	74	17.41	17.46	17.39	19.00
15	64QAM	36	0	17.31	17.41	17.28	19.00
15	64QAM	36	20	17.48	17.47	17.52	19.00
15	64QAM	36	39	17.35	17.49	17.43	19.00
15	64QAM	75	0	17.40	17.47	17.40	19.00
15	256QAM	1	0	17.37	17.51	17.40	19.00
15	256QAM	1	37	17.37	17.43	17.39	19.00
15	256QAM	1	74	17.22	17.50	17.40	19.00
15	256QAM	36	0	17.34	17.41	17.42	19.00
15	256QAM	36	20	17.29	17.57	17.44	19.00
15	256QAM	36	39	17.28	17.47	17.27	19.00
15	256QAM	75	0	17.36	17.57	17.40	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.52	17.55	17.54	19.00
10	QPSK	1	25	17.33	17.46	17.36	19.00
10	QPSK	1	49	17.26	17.45	17.38	19.00
10	QPSK	25	0	17.45	17.58	17.58	19.00
10	QPSK	25	12	17.40	17.53	17.27	19.00
10	QPSK	25	25	17.27	17.49	17.34	19.00
10	QPSK	50	0	17.49	17.52	17.43	19.00
10	16QAM	1	0	17.32	17.46	17.39	19.00
10	16QAM	1	25	17.33	17.45	17.48	19.00
10	16QAM	1	49	17.36	17.39	17.39	19.00
10	16QAM	25	0	17.31	17.52	17.45	19.00
10	16QAM	25	12	17.26	17.50	17.35	19.00
10	16QAM	25	25	17.37	17.53	17.41	19.00
10	16QAM	50	0	17.31	17.49	17.43	19.00
10	64QAM	1	0	17.49	17.50	17.42	19.00
10	64QAM	1	25	17.30	17.51	17.42	19.00
10	64QAM	1	49	17.42	17.56	17.38	19.00
10	64QAM	25	0	17.23	17.45	17.26	19.00
10	64QAM	25	12	17.41	17.48	17.44	19.00
10	64QAM	25	25	17.38	17.55	17.48	19.00
10	64QAM	50	0	17.39	17.58	17.42	19.00
10	256QAM	1	0	17.28	17.48	17.29	19.00
10	256QAM	1	25	17.33	17.48	17.38	19.00
10	256QAM	1	49	17.27	17.44	17.42	19.00
10	256QAM	25	0	17.28	17.50	17.44	19.00
10	256QAM	25	12	17.32	17.56	17.31	19.00
10	256QAM	25	25	17.27	17.49	17.25	19.00
10	256QAM	50	0	17.48	17.48	17.40	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.60	17.60	17.57	19.00
5	QPSK	1	12	17.38	17.56	17.32	19.00
5	QPSK	1	24	17.36	17.43	17.37	19.00
5	QPSK	12	0	17.46	17.51	17.52	19.00
5	QPSK	12	7	17.34	17.49	17.32	19.00
5	QPSK	12	13	17.22	17.39	17.39	19.00
5	QPSK	25	0	17.47	17.48	17.47	19.00
5	16QAM	1	0	17.42	17.41	17.42	19.00
5	16QAM	1	12	17.35	17.44	17.41	19.00
5	16QAM	1	24	17.35	17.42	17.41	19.00

5	16QAM	12	0	17.26	17.41	17.42	19.00
5	16QAM	12	7	17.38	17.51	17.35	19.00
5	16QAM	12	13	17.36	17.47	17.36	19.00
5	16QAM	25	0	17.35	17.45	17.45	19.00
5	64QAM	1	0	17.46	17.46	17.40	19.00
5	64QAM	1	12	17.40	17.48	17.40	19.00
5	64QAM	1	24	17.38	17.58	17.34	19.00
5	64QAM	12	0	17.27	17.45	17.34	19.00
5	64QAM	12	7	17.40	17.50	17.51	19.00
5	64QAM	12	13	17.28	17.57	17.41	19.00
5	64QAM	25	0	17.44	17.44	17.43	19.00
5	256QAM	1	0	17.39	17.52	17.36	19.00
5	256QAM	1	12	17.38	17.54	17.38	19.00
5	256QAM	1	24	17.32	17.44	17.36	19.00
5	256QAM	12	0	17.38	17.49	17.46	19.00
5	256QAM	12	7	17.32	17.58	17.37	19.00
5	256QAM	12	13	17.35	17.38	17.36	19.00
5	256QAM	25	0	17.41	17.48	17.45	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.48	17.54	17.52	19.00
3	QPSK	1	8	17.33	17.51	17.41	19.00
3	QPSK	1	14	17.30	17.43	17.39	19.00
3	QPSK	8	0	17.46	17.57	17.50	19.00
3	QPSK	8	4	17.40	17.53	17.38	19.00
3	QPSK	8	7	17.21	17.39	17.29	19.00
3	QPSK	15	0	17.43	17.48	17.46	19.00
3	16QAM	1	0	17.35	17.44	17.33	19.00
3	16QAM	1	8	17.31	17.57	17.44	19.00
3	16QAM	1	14	17.37	17.39	17.35	19.00
3	16QAM	8	0	17.32	17.41	17.44	19.00
3	16QAM	8	4	17.27	17.52	17.40	19.00
3	16QAM	8	7	17.32	17.55	17.43	19.00
3	16QAM	15	0	17.38	17.54	17.38	19.00
3	64QAM	1	0	17.46	17.51	17.31	19.00
3	64QAM	1	8	17.35	17.43	17.42	19.00
3	64QAM	1	14	17.42	17.55	17.41	19.00
3	64QAM	8	0	17.32	17.44	17.33	19.00
3	64QAM	8	4	17.44	17.48	17.43	19.00
3	64QAM	8	7	17.32	17.56	17.49	19.00
3	64QAM	15	0	17.48	17.46	17.47	19.00
3	256QAM	1	0	17.34	17.44	17.39	19.00
3	256QAM	1	8	17.38	17.51	17.39	19.00
3	256QAM	1	14	17.28	17.51	17.41	19.00
3	256QAM	8	0	17.39	17.54	17.39	19.00
3	256QAM	8	4	17.32	17.51	17.33	19.00
3	256QAM	8	7	17.28	17.41	17.31	19.00
3	256QAM	15	0	17.45	17.59	17.43	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.50	17.64	17.53	19.00
1.4	QPSK	1	3	17.41	17.48	17.39	19.00
1.4	QPSK	1	5	17.29	17.49	17.38	19.00
1.4	QPSK	3	0	17.40	17.55	17.48	19.00
1.4	QPSK	3	1	17.44	17.50	17.39	19.00
1.4	QPSK	3	3	17.30	17.40	17.37	19.00
1.4	QPSK	6	0	17.41	17.50	17.42	19.00
1.4	16QAM	1	0	17.39	17.51	17.31	19.00
1.4	16QAM	1	3	17.36	17.57	17.43	19.00
1.4	16QAM	1	5	17.27	17.46	17.32	19.00
1.4	16QAM	3	0	17.30	17.49	17.37	19.00
1.4	16QAM	3	1	17.30	17.49	17.39	19.00
1.4	16QAM	3	3	17.31	17.56	17.35	19.00
1.4	16QAM	6	0	17.28	17.56	17.32	19.00
1.4	64QAM	1	0	17.53	17.47	17.38	19.00
1.4	64QAM	1	3	17.31	17.45	17.39	19.00
1.4	64QAM	1	5	17.39	17.51	17.32	19.00
1.4	64QAM	3	0	17.28	17.40	17.37	19.00
1.4	64QAM	3	1	17.49	17.51	17.48	19.00
1.4	64QAM	3	3	17.38	17.58	17.53	19.00
1.4	64QAM	6	0	17.40	17.46	17.40	19.00
1.4	256QAM	1	0	17.34	17.46	17.28	19.00
1.4	256QAM	1	3	17.36	17.43	17.43	19.00
1.4	256QAM	1	5	17.27	17.39	17.43	19.00

1.4	256QAM	3	0	17.38	17.49	17.46	19.00
1.4	256QAM	3	1	17.42	17.48	17.44	19.00
1.4	256QAM	3	3	17.31	17.41	17.34	19.00
1.4	256QAM	6	0	17.50	17.58	17.35	19.00

【LTE Band 5_Ant0_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	25.01	25.04	24.98	25.70
10	QPSK	1	25	24.86	25.01	24.88	25.70
10	QPSK	1	49	24.84	24.96	24.86	25.70
10	QPSK	25	0	23.89	24.03	23.93	24.70
10	QPSK	25	12	23.82	23.97	23.87	24.70
10	QPSK	25	25	23.78	23.95	23.85	24.70
10	QPSK	50	0	23.88	24.01	23.82	24.70
10	16QAM	1	0	23.71	23.86	23.71	24.70
10	16QAM	1	25	23.84	23.89	23.75	24.70
10	16QAM	1	49	23.76	23.91	23.81	24.70
10	16QAM	25	0	22.83	22.89	22.75	23.70
10	16QAM	25	12	22.79	22.87	22.78	23.70
10	16QAM	25	25	22.79	22.86	22.77	23.70
10	16QAM	50	0	22.77	22.91	22.81	23.70
10	64QAM	1	0	22.78	22.87	22.78	23.70
10	64QAM	1	25	22.74	22.83	22.63	23.70
10	64QAM	1	49	22.71	22.78	22.57	23.70
10	64QAM	25	0	21.75	21.87	21.72	22.70
10	64QAM	25	12	21.69	21.78	21.64	22.70
10	64QAM	25	25	21.78	21.83	21.76	22.70
10	64QAM	50	0	21.71	21.86	21.72	22.70
10	256QAM	1	0	19.70	19.85	19.70	20.70
10	256QAM	1	25	19.77	19.87	19.75	20.70
10	256QAM	1	49	19.71	19.75	19.63	20.70
10	256QAM	25	0	19.65	19.82	19.71	20.70
10	256QAM	25	12	19.67	19.81	19.71	20.70
10	256QAM	25	25	19.66	19.78	19.66	20.70
10	256QAM	50	0	19.67	19.76	19.60	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.90	24.92	24.87	25.70
5	QPSK	1	12	24.83	25.00	24.79	25.70
5	QPSK	1	24	24.82	24.92	24.81	25.70
5	QPSK	12	0	23.77	23.90	23.81	24.70
5	QPSK	12	7	23.67	23.83	23.85	24.70
5	QPSK	12	13	23.65	23.90	23.72	24.70
5	QPSK	25	0	23.77	23.88	23.71	24.70
5	16QAM	1	0	23.61	23.74	23.61	24.70
5	16QAM	1	12	23.70	23.78	23.63	24.70
5	16QAM	1	24	23.62	23.85	23.66	24.70
5	16QAM	12	0	22.77	22.81	22.69	23.70
5	16QAM	12	7	22.66	22.86	22.66	23.70
5	16QAM	12	13	22.70	22.73	22.73	23.70
5	16QAM	25	0	22.62	22.85	22.77	23.70
5	64QAM	1	0	22.70	22.73	22.74	23.70
5	64QAM	1	12	22.71	22.71	22.50	23.70
5	64QAM	1	24	22.66	22.65	22.48	23.70
5	64QAM	12	0	21.65	21.82	21.58	22.70
5	64QAM	12	7	21.63	21.75	21.49	22.70
5	64QAM	12	13	21.64	21.71	21.67	22.70
5	64QAM	25	0	21.65	21.74	21.67	22.70
5	256QAM	1	0	19.65	19.71	19.60	20.70
5	256QAM	1	12	19.74	19.84	19.68	20.70
5	256QAM	1	24	19.61	19.66	19.55	20.70
5	256QAM	12	0	19.58	19.80	19.57	20.70
5	256QAM	12	7	19.58	19.66	19.66	20.70
5	256QAM	12	13	19.53	19.70	19.57	20.70
5	256QAM	25	0	19.52	19.67	19.55	20.70
Channel				20415	20525	20635	Tune-up limit

Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.88	25.02	24.92	25.70
3	QPSK	1	8	24.75	24.97	24.84	25.70
3	QPSK	1	14	24.73	24.86	24.85	25.70
3	QPSK	8	0	23.84	23.99	23.80	24.70
3	QPSK	8	4	23.69	23.86	23.75	24.70
3	QPSK	8	7	23.68	23.94	23.71	24.70
3	QPSK	15	0	23.77	23.90	23.80	24.70
3	16QAM	1	0	23.62	23.79	23.61	24.70
3	16QAM	1	8	23.70	23.77	23.63	24.70
3	16QAM	1	14	23.71	23.81	23.76	24.70
3	16QAM	8	0	22.77	22.78	22.63	23.70
3	16QAM	8	4	22.77	22.82	22.74	23.70
3	16QAM	8	7	22.78	22.77	22.65	23.70
3	16QAM	15	0	22.62	22.85	22.67	23.70
3	64QAM	1	0	22.65	22.79	22.64	23.70
3	64QAM	1	8	22.68	22.78	22.56	23.70
3	64QAM	1	14	22.62	22.63	22.44	23.70
3	64QAM	8	0	21.67	21.76	21.66	22.70
3	64QAM	8	4	21.55	21.68	21.51	22.70
3	64QAM	8	7	21.72	21.80	21.66	22.70
3	64QAM	15	0	21.67	21.75	21.60	22.70
3	256QAM	1	0	19.67	19.83	19.67	20.70
3	256QAM	1	8	19.64	19.84	19.73	20.70
3	256QAM	1	14	19.58	19.67	19.49	20.70
3	256QAM	8	0	19.59	19.78	19.56	20.70
3	256QAM	8	4	19.63	19.67	19.61	20.70
3	256QAM	8	7	19.52	19.66	19.63	20.70
3	256QAM	15	0	19.56	19.71	19.53	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.91	25.00	24.86	25.70
1.4	QPSK	1	3	24.75	24.90	24.85	25.70
1.4	QPSK	1	5	24.82	24.86	24.82	25.70
1.4	QPSK	3	0	24.84	24.91	24.84	25.70
1.4	QPSK	3	1	24.76	24.85	24.75	25.70
1.4	QPSK	3	3	24.68	24.87	24.74	25.70
1.4	QPSK	6	0	23.85	23.96	23.78	24.70
1.4	16QAM	1	0	23.64	23.71	23.59	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.73	23.79	23.67	24.70
1.4	16QAM	3	0	23.69	23.81	23.64	24.70
1.4	16QAM	3	1	23.64	23.72	23.67	24.70
1.4	16QAM	3	3	23.77	23.72	23.64	24.70
1.4	16QAM	6	0	22.75	22.80	22.69	23.70
1.4	64QAM	1	0	22.67	22.72	22.73	23.70
1.4	64QAM	1	3	22.65	22.79	22.49	23.70
1.4	64QAM	1	5	22.63	22.66	22.54	23.70
1.4	64QAM	3	0	22.62	22.82	22.62	23.70
1.4	64QAM	3	1	22.60	22.75	22.53	23.70
1.4	64QAM	3	3	22.64	22.78	22.61	23.70
1.4	64QAM	6	0	21.68	21.78	21.61	22.70
1.4	256QAM	1	0	19.61	19.78	19.60	20.70
1.4	256QAM	1	3	19.72	19.73	19.68	20.70
1.4	256QAM	1	5	19.60	19.70	19.51	20.70
1.4	256QAM	3	0	19.57	19.76	19.67	20.70
1.4	256QAM	3	1	19.55	19.67	19.59	20.70
1.4	256QAM	3	3	19.65	19.63	19.57	20.70
1.4	256QAM	6	0	19.63	19.68	19.52	20.70

【LTE Band 5_Ant0_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	24.05	24.18	24.12	25.00
10	QPSK	1	25	23.84	24.12	24.01	25.00
10	QPSK	1	49	23.93	24.13	24.06	25.00
10	QPSK	25	0	23.05	23.17	23.07	24.00
10	QPSK	25	12	22.92	23.12	22.98	24.00
10	QPSK	25	25	22.85	23.04	22.88	24.00
10	QPSK	50	0	22.97	23.21	23.02	24.00
10	16QAM	1	0	22.80	23.03	22.88	24.00
10	16QAM	1	25	22.83	22.99	22.84	24.00
10	16QAM	1	49	22.83	23.06	22.89	24.00
10	16QAM	25	0	21.86	22.07	21.91	23.00
10	16QAM	25	12	21.76	22.02	21.94	23.00
10	16QAM	25	25	21.73	21.97	21.82	23.00
10	16QAM	50	0	21.98	22.11	21.93	23.00
10	64QAM	1	0	21.87	22.04	21.92	23.00
10	64QAM	1	25	21.78	21.98	21.91	23.00
10	64QAM	1	49	21.78	21.97	21.85	23.00
10	64QAM	25	0	20.82	21.05	20.86	22.00
10	64QAM	25	12	20.76	20.96	20.78	22.00
10	64QAM	25	25	20.81	20.96	20.82	22.00
10	64QAM	50	0	20.84	20.99	20.87	22.00
10	256QAM	1	0	18.72	18.97	18.91	20.00
10	256QAM	1	25	18.79	18.97	18.89	20.00
10	256QAM	1	49	18.75	18.91	18.75	20.00
10	256QAM	25	0	18.71	18.92	18.79	20.00
10	256QAM	25	12	18.85	18.97	18.82	20.00
10	256QAM	25	25	18.77	18.98	18.92	20.00
10	256QAM	50	0	18.75	18.86	18.73	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.91	24.05	24.09	25.00
5	QPSK	1	12	23.83	24.09	23.88	25.00
5	QPSK	1	24	23.87	24.03	23.93	25.00
5	QPSK	12	0	22.92	23.04	22.99	24.00
5	QPSK	12	7	22.82	23.10	22.96	24.00
5	QPSK	12	13	22.75	22.93	22.83	24.00
5	QPSK	25	0	22.92	23.07	22.88	24.00
5	16QAM	1	0	22.69	22.98	22.75	24.00
5	16QAM	1	12	22.80	22.98	22.81	24.00
5	16QAM	1	24	22.77	22.92	22.78	24.00
5	16QAM	12	0	21.77	21.98	21.88	23.00
5	16QAM	12	7	21.70	21.97	21.91	23.00
5	16QAM	12	13	21.59	21.94	21.79	23.00
5	16QAM	25	0	21.96	21.97	21.86	23.00
5	64QAM	1	0	21.77	22.00	21.78	23.00
5	64QAM	1	12	21.71	21.85	21.88	23.00
5	64QAM	1	24	21.70	21.85	21.71	23.00
5	64QAM	12	0	20.75	21.03	20.76	22.00
5	64QAM	12	7	20.67	20.92	20.63	22.00
5	64QAM	12	13	20.80	20.91	20.76	22.00
5	64QAM	25	0	20.81	20.94	20.79	22.00
5	256QAM	1	0	18.58	18.85	18.89	20.00
5	256QAM	1	12	18.74	18.87	18.75	20.00
5	256QAM	1	24	18.64	18.77	18.61	20.00
5	256QAM	12	0	18.67	18.85	18.71	20.00
5	256QAM	12	7	18.72	18.83	18.79	20.00
5	256QAM	12	13	18.63	18.88	18.82	20.00
5	256QAM	25	0	18.69	18.78	18.64	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.93	24.12	23.99	25.00
3	QPSK	1	8	23.78	24.10	23.90	25.00
3	QPSK	1	14	23.84	24.11	23.92	25.00
3	QPSK	8	0	22.93	23.08	22.99	24.00
3	QPSK	8	4	22.90	23.02	22.89	24.00
3	QPSK	8	7	22.74	22.92	22.75	24.00
3	QPSK	15	0	22.87	23.07	22.89	24.00

3	16QAM	1	0	22.77	22.88	22.83	24.00
3	16QAM	1	8	22.81	22.95	22.82	24.00
3	16QAM	1	14	22.73	22.95	22.80	24.00
3	16QAM	8	0	21.72	22.01	21.78	23.00
3	16QAM	8	4	21.67	21.96	21.92	23.00
3	16QAM	8	7	21.66	21.88	21.71	23.00
3	16QAM	15	0	21.96	22.00	21.83	23.00
3	64QAM	1	0	21.83	21.93	21.82	23.00
3	64QAM	1	8	21.75	21.89	21.79	23.00
3	64QAM	1	14	21.76	21.87	21.73	23.00
3	64QAM	8	0	20.74	20.91	20.84	22.00
3	64QAM	8	4	20.70	20.89	20.72	22.00
3	64QAM	8	7	20.79	20.81	20.75	22.00
3	64QAM	15	0	20.82	20.89	20.73	22.00
3	256QAM	1	0	18.62	18.89	18.86	20.00
3	256QAM	1	8	18.67	18.89	18.78	20.00
3	256QAM	1	14	18.72	18.80	18.68	20.00
3	256QAM	8	0	18.60	18.79	18.70	20.00
3	256QAM	8	4	18.74	18.92	18.77	20.00
3	256QAM	8	7	18.66	18.96	18.79	20.00
3	256QAM	15	0	18.68	18.82	18.62	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.91	24.14	24.00	25.00
1.4	QPSK	1	3	23.75	24.01	24.00	25.00
1.4	QPSK	1	5	23.87	24.09	23.94	25.00
1.4	QPSK	3	0	23.90	24.02	23.86	25.00
1.4	QPSK	3	1	23.79	24.10	23.95	25.00
1.4	QPSK	3	3	23.84	24.00	23.83	25.00
1.4	QPSK	6	0	22.88	23.15	22.88	24.00
1.4	16QAM	1	0	22.69	22.90	22.79	24.00
1.4	16QAM	1	3	22.68	22.98	22.70	24.00
1.4	16QAM	1	5	22.71	23.00	22.84	24.00
1.4	16QAM	3	0	22.72	22.94	22.85	24.00
1.4	16QAM	3	1	22.67	22.91	22.91	24.00
1.4	16QAM	3	3	22.71	22.94	22.68	24.00
1.4	16QAM	6	0	21.95	22.06	21.86	23.00
1.4	64QAM	1	0	21.84	21.94	21.86	23.00
1.4	64QAM	1	3	21.74	21.94	21.81	23.00
1.4	64QAM	1	5	21.74	21.88	21.70	23.00
1.4	64QAM	3	0	21.71	21.92	21.73	23.00
1.4	64QAM	3	1	21.68	21.84	21.74	23.00
1.4	64QAM	3	3	21.66	21.95	21.69	23.00
1.4	64QAM	6	0	20.73	20.89	20.75	22.00
1.4	256QAM	1	0	18.64	18.96	18.84	20.00
1.4	256QAM	1	3	18.70	18.87	18.74	20.00
1.4	256QAM	1	5	18.61	18.78	18.65	20.00
1.4	256QAM	3	0	18.69	18.89	18.73	20.00
1.4	256QAM	3	1	18.74	18.92	18.72	20.00
1.4	256QAM	3	3	18.72	18.84	18.81	20.00
1.4	256QAM	6	0	18.69	18.81	18.58	20.00

【LTE Band 5_Ant0_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	25.01	25.04	24.98	25.70
10	QPSK	1	25	24.86	25.01	24.88	25.70
10	QPSK	1	49	24.84	24.96	24.86	25.70
10	QPSK	25	0	23.89	24.03	23.93	24.70
10	QPSK	25	12	23.82	23.97	23.87	24.70
10	QPSK	25	25	23.78	23.95	23.85	24.70
10	QPSK	50	0	23.88	24.01	23.82	24.70
10	16QAM	1	0	23.71	23.86	23.71	24.70
10	16QAM	1	25	23.84	23.89	23.75	24.70
10	16QAM	1	49	23.76	23.91	23.81	24.70
10	16QAM	25	0	22.83	22.89	22.75	23.70
10	16QAM	25	12	22.79	22.87	22.78	23.70

10	16QAM	25	25	22.79	22.86	22.77	23.70
10	16QAM	50	0	22.77	22.91	22.81	23.70
10	64QAM	1	0	22.78	22.87	22.78	23.70
10	64QAM	1	25	22.74	22.83	22.63	23.70
10	64QAM	1	49	22.71	22.78	22.57	23.70
10	64QAM	25	0	21.75	21.87	21.72	22.70
10	64QAM	25	12	21.69	21.78	21.64	22.70
10	64QAM	25	25	21.78	21.83	21.76	22.70
10	64QAM	50	0	21.71	21.86	21.72	22.70
10	256QAM	1	0	19.70	19.85	19.70	20.70
10	256QAM	1	25	19.77	19.87	19.75	20.70
10	256QAM	1	49	19.71	19.75	19.63	20.70
10	256QAM	25	0	19.65	19.82	19.71	20.70
10	256QAM	25	12	19.67	19.81	19.71	20.70
10	256QAM	25	25	19.66	19.78	19.66	20.70
10	256QAM	50	0	19.67	19.76	19.60	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.90	24.92	24.87	25.70
5	QPSK	1	12	24.83	25.00	24.79	25.70
5	QPSK	1	24	24.82	24.92	24.81	25.70
5	QPSK	12	0	23.77	23.90	23.81	24.70
5	QPSK	12	7	23.67	23.83	23.85	24.70
5	QPSK	12	13	23.65	23.90	23.72	24.70
5	QPSK	25	0	23.77	23.88	23.71	24.70
5	16QAM	1	0	23.61	23.74	23.61	24.70
5	16QAM	1	12	23.70	23.78	23.63	24.70
5	16QAM	1	24	23.62	23.85	23.66	24.70
5	16QAM	12	0	22.77	22.81	22.69	23.70
5	16QAM	12	7	22.66	22.86	22.66	23.70
5	16QAM	12	13	22.70	22.73	22.73	23.70
5	16QAM	25	0	22.62	22.85	22.77	23.70
5	64QAM	1	0	22.70	22.73	22.74	23.70
5	64QAM	1	12	22.71	22.71	22.50	23.70
5	64QAM	1	24	22.66	22.65	22.48	23.70
5	64QAM	12	0	21.65	21.82	21.58	22.70
5	64QAM	12	7	21.63	21.75	21.49	22.70
5	64QAM	12	13	21.64	21.71	21.67	22.70
5	64QAM	25	0	21.65	21.74	21.67	22.70
5	256QAM	1	0	19.65	19.71	19.60	20.70
5	256QAM	1	12	19.74	19.84	19.68	20.70
5	256QAM	1	24	19.61	19.66	19.55	20.70
5	256QAM	12	0	19.58	19.80	19.57	20.70
5	256QAM	12	7	19.58	19.66	19.66	20.70
5	256QAM	12	13	19.53	19.70	19.57	20.70
5	256QAM	25	0	19.52	19.67	19.55	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.88	25.02	24.92	25.70
3	QPSK	1	8	24.75	24.97	24.84	25.70
3	QPSK	1	14	24.73	24.86	24.85	25.70
3	QPSK	8	0	23.84	23.99	23.80	24.70
3	QPSK	8	4	23.69	23.86	23.75	24.70
3	QPSK	8	7	23.68	23.94	23.71	24.70
3	QPSK	15	0	23.77	23.90	23.80	24.70
3	16QAM	1	0	23.62	23.79	23.61	24.70
3	16QAM	1	8	23.70	23.77	23.63	24.70
3	16QAM	1	14	23.71	23.81	23.76	24.70
3	16QAM	8	0	22.77	22.78	22.63	23.70
3	16QAM	8	4	22.77	22.82	22.74	23.70
3	16QAM	8	7	22.78	22.77	22.65	23.70
3	16QAM	15	0	22.62	22.85	22.67	23.70
3	64QAM	1	0	22.65	22.79	22.64	23.70
3	64QAM	1	8	22.68	22.78	22.56	23.70
3	64QAM	1	14	22.62	22.63	22.44	23.70
3	64QAM	8	0	21.67	21.76	21.66	22.70
3	64QAM	8	4	21.55	21.68	21.51	22.70
3	64QAM	8	7	21.72	21.80	21.66	22.70
3	64QAM	15	0	21.67	21.75	21.60	22.70
3	256QAM	1	0	19.67	19.83	19.67	20.70
3	256QAM	1	8	19.64	19.84	19.73	20.70
3	256QAM	1	14	19.58	19.67	19.49	20.70
3	256QAM	8	0	19.59	19.78	19.56	20.70
3	256QAM	8	4	19.63	19.67	19.61	20.70

3	256QAM	8	7	19.52	19.66	19.63	20.70
3	256QAM	15	0	19.56	19.71	19.53	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.91	25.00	24.86	25.70
1.4	QPSK	1	3	24.75	24.90	24.85	25.70
1.4	QPSK	1	5	24.82	24.86	24.82	25.70
1.4	QPSK	3	0	24.84	24.91	24.84	25.70
1.4	QPSK	3	1	24.76	24.85	24.75	25.70
1.4	QPSK	3	3	24.68	24.87	24.74	25.70
1.4	QPSK	6	0	23.85	23.96	23.78	24.70
1.4	16QAM	1	0	23.64	23.71	23.59	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.73	23.79	23.67	24.70
1.4	16QAM	3	0	23.69	23.81	23.64	24.70
1.4	16QAM	3	1	23.64	23.72	23.67	24.70
1.4	16QAM	3	3	23.77	23.72	23.64	24.70
1.4	16QAM	6	0	22.75	22.80	22.69	23.70
1.4	64QAM	1	0	22.67	22.72	22.73	23.70
1.4	64QAM	1	3	22.65	22.79	22.49	23.70
1.4	64QAM	1	5	22.63	22.66	22.54	23.70
1.4	64QAM	3	0	22.62	22.82	22.62	23.70
1.4	64QAM	3	1	22.60	22.75	22.53	23.70
1.4	64QAM	3	3	22.64	22.78	22.61	23.70
1.4	64QAM	6	0	21.68	21.78	21.61	22.70
1.4	256QAM	1	0	19.61	19.78	19.60	20.70
1.4	256QAM	1	3	19.72	19.73	19.68	20.70
1.4	256QAM	1	5	19.60	19.70	19.51	20.70
1.4	256QAM	3	0	19.57	19.76	19.67	20.70
1.4	256QAM	3	1	19.55	19.67	19.59	20.70
1.4	256QAM	3	3	19.65	19.63	19.57	20.70
1.4	256QAM	6	0	19.63	19.68	19.52	20.70

【LTE Band 5_Ant0_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.05	24.18	24.12	25.00
10	QPSK	1	25	23.84	24.12	24.01	25.00
10	QPSK	1	49	23.93	24.13	24.06	25.00
10	QPSK	25	0	23.05	23.17	23.07	24.00
10	QPSK	25	12	22.92	23.12	22.98	24.00
10	QPSK	25	25	22.85	23.04	22.88	24.00
10	QPSK	50	0	22.97	23.21	23.02	24.00
10	16QAM	1	0	22.80	23.03	22.88	24.00
10	16QAM	1	25	22.83	22.99	22.84	24.00
10	16QAM	1	49	22.83	23.06	22.89	24.00
10	16QAM	25	0	21.86	22.07	21.91	23.00
10	16QAM	25	12	21.76	22.02	21.94	23.00
10	16QAM	25	25	21.73	21.97	21.82	23.00
10	16QAM	50	0	21.98	22.11	21.93	23.00
10	64QAM	1	0	21.87	22.04	21.92	23.00
10	64QAM	1	25	21.78	21.98	21.91	23.00
10	64QAM	1	49	21.78	21.97	21.85	23.00
10	64QAM	25	0	20.82	21.05	20.86	22.00
10	64QAM	25	12	20.76	20.96	20.78	22.00
10	64QAM	25	25	20.81	20.96	20.82	22.00
10	64QAM	50	0	20.84	20.99	20.87	22.00
10	256QAM	1	0	18.72	18.97	18.91	20.00
10	256QAM	1	25	18.79	18.97	18.89	20.00
10	256QAM	1	49	18.75	18.91	18.75	20.00
10	256QAM	25	0	18.71	18.92	18.79	20.00
10	256QAM	25	12	18.85	18.97	18.82	20.00
10	256QAM	25	25	18.77	18.98	18.92	20.00
10	256QAM	50	0	18.75	18.86	18.73	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.91	24.05	24.09	25.00

5	QPSK	1	12	23.83	24.09	23.88	25.00
5	QPSK	1	24	23.87	24.03	23.93	25.00
5	QPSK	12	0	22.92	23.04	22.99	24.00
5	QPSK	12	7	22.82	23.10	22.96	24.00
5	QPSK	12	13	22.75	22.93	22.83	24.00
5	QPSK	25	0	22.92	23.07	22.88	24.00
5	16QAM	1	0	22.69	22.98	22.75	24.00
5	16QAM	1	12	22.80	22.98	22.81	24.00
5	16QAM	1	24	22.77	22.92	22.78	24.00
5	16QAM	12	0	21.77	21.98	21.88	23.00
5	16QAM	12	7	21.70	21.97	21.91	23.00
5	16QAM	12	13	21.59	21.94	21.79	23.00
5	16QAM	25	0	21.96	21.97	21.86	23.00
5	64QAM	1	0	21.77	22.00	21.78	23.00
5	64QAM	1	12	21.71	21.85	21.88	23.00
5	64QAM	1	24	21.70	21.85	21.71	23.00
5	64QAM	12	0	20.75	21.03	20.76	22.00
5	64QAM	12	7	20.67	20.92	20.63	22.00
5	64QAM	12	13	20.80	20.91	20.76	22.00
5	64QAM	25	0	20.81	20.94	20.79	22.00
5	256QAM	1	0	18.58	18.85	18.89	20.00
5	256QAM	1	12	18.74	18.87	18.75	20.00
5	256QAM	1	24	18.64	18.77	18.61	20.00
5	256QAM	12	0	18.67	18.85	18.71	20.00
5	256QAM	12	7	18.72	18.83	18.79	20.00
5	256QAM	12	13	18.63	18.88	18.82	20.00
5	256QAM	25	0	18.69	18.78	18.64	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.93	24.12	23.99	25.00
3	QPSK	1	8	23.78	24.10	23.90	25.00
3	QPSK	1	14	23.84	24.11	23.92	25.00
3	QPSK	8	0	22.93	23.08	22.99	24.00
3	QPSK	8	4	22.90	23.02	22.89	24.00
3	QPSK	8	7	22.74	22.92	22.75	24.00
3	QPSK	15	0	22.87	23.07	22.89	24.00
3	16QAM	1	0	22.77	22.88	22.83	24.00
3	16QAM	1	8	22.81	22.95	22.82	24.00
3	16QAM	1	14	22.73	22.95	22.80	24.00
3	16QAM	8	0	21.72	22.01	21.78	23.00
3	16QAM	8	4	21.67	21.96	21.92	23.00
3	16QAM	8	7	21.66	21.88	21.71	23.00
3	16QAM	15	0	21.96	22.00	21.83	23.00
3	64QAM	1	0	21.83	21.93	21.82	23.00
3	64QAM	1	8	21.75	21.89	21.79	23.00
3	64QAM	1	14	21.76	21.87	21.73	23.00
3	64QAM	8	0	20.74	20.91	20.84	22.00
3	64QAM	8	4	20.70	20.89	20.72	22.00
3	64QAM	8	7	20.79	20.81	20.75	22.00
3	64QAM	15	0	20.82	20.89	20.73	22.00
3	256QAM	1	0	18.62	18.89	18.86	20.00
3	256QAM	1	8	18.67	18.89	18.78	20.00
3	256QAM	1	14	18.72	18.80	18.68	20.00
3	256QAM	8	0	18.60	18.79	18.70	20.00
3	256QAM	8	4	18.74	18.92	18.77	20.00
3	256QAM	8	7	18.66	18.96	18.79	20.00
3	256QAM	15	0	18.68	18.82	18.62	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.91	24.14	24.00	25.00
1.4	QPSK	1	3	23.75	24.01	24.00	25.00
1.4	QPSK	1	5	23.87	24.09	23.94	25.00
1.4	QPSK	3	0	23.90	24.02	23.86	25.00
1.4	QPSK	3	1	23.79	24.10	23.95	25.00
1.4	QPSK	3	3	23.84	24.00	23.83	25.00
1.4	QPSK	6	0	22.88	23.15	22.88	24.00
1.4	16QAM	1	0	22.69	22.90	22.79	24.00
1.4	16QAM	1	3	22.68	22.98	22.70	24.00
1.4	16QAM	1	5	22.71	23.00	22.84	24.00
1.4	16QAM	3	0	22.72	22.94	22.85	24.00
1.4	16QAM	3	1	22.67	22.91	22.91	24.00
1.4	16QAM	3	3	22.71	22.94	22.68	24.00
1.4	16QAM	6	0	21.95	22.06	21.86	23.00
1.4	64QAM	1	0	21.84	21.94	21.86	23.00

1.4	64QAM	1	3	21.74	21.94	21.81	23.00
1.4	64QAM	1	5	21.74	21.88	21.70	23.00
1.4	64QAM	3	0	21.71	21.92	21.73	23.00
1.4	64QAM	3	1	21.68	21.84	21.74	23.00
1.4	64QAM	3	3	21.66	21.95	21.69	23.00
1.4	64QAM	6	0	20.73	20.89	20.75	22.00
1.4	256QAM	1	0	18.64	18.96	18.84	20.00
1.4	256QAM	1	3	18.70	18.87	18.74	20.00
1.4	256QAM	1	5	18.61	18.78	18.65	20.00
1.4	256QAM	3	0	18.69	18.89	18.73	20.00
1.4	256QAM	3	1	18.74	18.92	18.72	20.00
1.4	256QAM	3	3	18.72	18.84	18.81	20.00
1.4	256QAM	6	0	18.69	18.81	18.58	20.00

【LTE Band 5_Ant0_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.51	24.52	24.47	25.20
10	QPSK	1	25	24.39	24.45	24.28	25.20
10	QPSK	1	49	24.35	24.48	24.33	25.20
10	QPSK	25	0	23.95	24.03	23.93	24.70
10	QPSK	25	12	23.82	23.97	23.87	24.70
10	QPSK	25	25	23.78	23.95	23.85	24.70
10	QPSK	50	0	23.88	24.01	23.82	24.70
10	16QAM	1	0	23.71	23.86	23.71	24.70
10	16QAM	1	25	23.84	23.89	23.75	24.70
10	16QAM	1	49	23.76	23.91	23.81	24.70
10	16QAM	25	0	22.83	22.89	22.75	23.70
10	16QAM	25	12	22.79	22.87	22.78	23.70
10	16QAM	25	25	22.79	22.86	22.77	23.70
10	16QAM	50	0	22.77	22.91	22.81	23.70
10	64QAM	1	0	22.78	22.87	22.78	23.70
10	64QAM	1	25	22.74	22.83	22.63	23.70
10	64QAM	1	49	22.71	22.78	22.57	23.70
10	64QAM	25	0	21.75	21.87	21.72	22.70
10	64QAM	25	12	21.69	21.78	21.64	22.70
10	64QAM	25	25	21.78	21.83	21.76	22.70
10	64QAM	50	0	21.71	21.86	21.72	22.70
10	256QAM	1	0	19.70	19.85	19.70	20.70
10	256QAM	1	25	19.77	19.87	19.75	20.70
10	256QAM	1	49	19.71	19.75	19.63	20.70
10	256QAM	25	0	19.65	19.82	19.71	20.70
10	256QAM	25	12	19.67	19.81	19.71	20.70
10	256QAM	25	25	19.66	19.78	19.66	20.70
10	256QAM	50	0	19.67	19.76	19.60	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.38	24.42	24.45	25.20
5	QPSK	1	12	24.35	24.42	24.23	25.20
5	QPSK	1	24	24.20	24.34	24.21	25.20
5	QPSK	12	0	23.77	23.90	23.81	24.70
5	QPSK	12	7	23.67	23.83	23.85	24.70
5	QPSK	12	13	23.65	23.90	23.72	24.70
5	QPSK	25	0	23.77	23.88	23.71	24.70
5	16QAM	1	0	23.61	23.74	23.61	24.70
5	16QAM	1	12	23.70	23.78	23.63	24.70
5	16QAM	1	24	23.62	23.85	23.66	24.70
5	16QAM	12	0	22.77	22.81	22.69	23.70
5	16QAM	12	7	22.66	22.86	22.66	23.70
5	16QAM	12	13	22.70	22.73	22.73	23.70
5	16QAM	25	0	22.62	22.85	22.77	23.70
5	64QAM	1	0	22.70	22.73	22.74	23.70
5	64QAM	1	12	22.71	22.71	22.50	23.70
5	64QAM	1	24	22.66	22.65	22.48	23.70
5	64QAM	12	0	21.65	21.82	21.58	22.70
5	64QAM	12	7	21.63	21.75	21.49	22.70
5	64QAM	12	13	21.64	21.71	21.67	22.70

5	64QAM	25	0	21.65	21.74	21.67	22.70
5	256QAM	1	0	19.65	19.71	19.60	20.70
5	256QAM	1	12	19.74	19.84	19.68	20.70
5	256QAM	1	24	19.61	19.66	19.55	20.70
5	256QAM	12	0	19.58	19.80	19.57	20.70
5	256QAM	12	7	19.58	19.66	19.66	20.70
5	256QAM	12	13	19.53	19.70	19.57	20.70
5	256QAM	25	0	19.52	19.67	19.55	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.44	24.41	24.45	25.20
3	QPSK	1	8	24.35	24.34	24.23	25.20
3	QPSK	1	14	24.21	24.46	24.23	25.20
3	QPSK	8	0	23.84	23.99	23.80	24.70
3	QPSK	8	4	23.69	23.86	23.75	24.70
3	QPSK	8	7	23.68	23.94	23.71	24.70
3	QPSK	15	0	23.77	23.90	23.80	24.70
3	16QAM	1	0	23.62	23.79	23.61	24.70
3	16QAM	1	8	23.70	23.77	23.63	24.70
3	16QAM	1	14	23.71	23.81	23.76	24.70
3	16QAM	8	0	22.77	22.78	22.63	23.70
3	16QAM	8	4	22.77	22.82	22.74	23.70
3	16QAM	8	7	22.78	22.77	22.65	23.70
3	16QAM	15	0	22.62	22.85	22.67	23.70
3	64QAM	1	0	22.65	22.79	22.64	23.70
3	64QAM	1	8	22.68	22.78	22.56	23.70
3	64QAM	1	14	22.62	22.63	22.44	23.70
3	64QAM	8	0	21.67	21.76	21.66	22.70
3	64QAM	8	4	21.55	21.68	21.51	22.70
3	64QAM	8	7	21.72	21.80	21.66	22.70
3	64QAM	15	0	21.67	21.75	21.60	22.70
3	256QAM	1	0	19.67	19.83	19.67	20.70
3	256QAM	1	8	19.64	19.84	19.73	20.70
3	256QAM	1	14	19.58	19.67	19.49	20.70
3	256QAM	8	0	19.59	19.78	19.56	20.70
3	256QAM	8	4	19.63	19.67	19.61	20.70
3	256QAM	8	7	19.52	19.66	19.63	20.70
3	256QAM	15	0	19.56	19.71	19.53	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.49	24.46	24.43	25.20
1.4	QPSK	1	3	24.37	24.35	24.14	25.20
1.4	QPSK	1	5	24.29	24.39	24.21	25.20
1.4	QPSK	3	0	24.34	24.43	24.29	25.20
1.4	QPSK	3	1	24.29	24.43	24.30	25.20
1.4	QPSK	3	3	24.15	24.40	24.28	25.20
1.4	QPSK	6	0	23.85	23.96	23.78	24.70
1.4	16QAM	1	0	23.64	23.71	23.59	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.73	23.79	23.67	24.70
1.4	16QAM	3	0	23.69	23.81	23.64	24.70
1.4	16QAM	3	1	23.64	23.72	23.67	24.70
1.4	16QAM	3	3	23.77	23.72	23.64	24.70
1.4	16QAM	6	0	22.75	22.80	22.69	23.70
1.4	64QAM	1	0	22.67	22.72	22.73	23.70
1.4	64QAM	1	3	22.65	22.79	22.49	23.70
1.4	64QAM	1	5	22.63	22.66	22.54	23.70
1.4	64QAM	3	0	22.62	22.82	22.62	23.70
1.4	64QAM	3	1	22.60	22.75	22.53	23.70
1.4	64QAM	3	3	22.64	22.78	22.61	23.70
1.4	64QAM	6	0	21.68	21.78	21.61	22.70
1.4	256QAM	1	0	19.61	19.78	19.60	20.70
1.4	256QAM	1	3	19.72	19.73	19.68	20.70
1.4	256QAM	1	5	19.60	19.70	19.51	20.70
1.4	256QAM	3	0	19.57	19.76	19.67	20.70
1.4	256QAM	3	1	19.55	19.67	19.59	20.70
1.4	256QAM	3	3	19.65	19.63	19.57	20.70
1.4	256QAM	6	0	19.63	19.68	19.52	20.70

【LTE Band 5_Ant0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.05	24.18	24.12	25.00
10	QPSK	1	25	23.84	24.12	24.01	25.00
10	QPSK	1	49	23.93	24.13	24.06	25.00
10	QPSK	25	0	23.05	23.17	23.07	24.00
10	QPSK	25	12	22.92	23.12	22.98	24.00
10	QPSK	25	25	22.85	23.04	22.88	24.00
10	QPSK	50	0	22.97	23.21	23.02	24.00
10	16QAM	1	0	22.80	23.03	22.88	24.00
10	16QAM	1	25	22.83	22.99	22.84	24.00
10	16QAM	1	49	22.83	23.06	22.89	24.00
10	16QAM	25	0	21.86	22.07	21.91	23.00
10	16QAM	25	12	21.76	22.02	21.94	23.00
10	16QAM	25	25	21.73	21.97	21.82	23.00
10	16QAM	50	0	21.98	22.11	21.93	23.00
10	64QAM	1	0	21.87	22.04	21.92	23.00
10	64QAM	1	25	21.78	21.98	21.91	23.00
10	64QAM	1	49	21.78	21.97	21.85	23.00
10	64QAM	25	0	20.82	21.05	20.86	22.00
10	64QAM	25	12	20.76	20.96	20.78	22.00
10	64QAM	25	25	20.81	20.96	20.82	22.00
10	64QAM	50	0	20.84	20.99	20.87	22.00
10	256QAM	1	0	18.72	18.97	18.91	20.00
10	256QAM	1	25	18.79	18.97	18.89	20.00
10	256QAM	1	49	18.75	18.91	18.75	20.00
10	256QAM	25	0	18.71	18.92	18.79	20.00
10	256QAM	25	12	18.85	18.97	18.82	20.00
10	256QAM	25	25	18.77	18.98	18.92	20.00
10	256QAM	50	0	18.75	18.86	18.73	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.91	24.05	24.09	25.00
5	QPSK	1	12	23.83	24.09	23.88	25.00
5	QPSK	1	24	23.87	24.03	23.93	25.00
5	QPSK	12	0	22.92	23.04	22.99	24.00
5	QPSK	12	7	22.82	23.10	22.96	24.00
5	QPSK	12	13	22.75	22.93	22.83	24.00
5	QPSK	25	0	22.92	23.07	22.88	24.00
5	16QAM	1	0	22.69	22.98	22.75	24.00
5	16QAM	1	12	22.80	22.98	22.81	24.00
5	16QAM	1	24	22.77	22.92	22.78	24.00
5	16QAM	12	0	21.77	21.98	21.88	23.00
5	16QAM	12	7	21.70	21.97	21.91	23.00
5	16QAM	12	13	21.59	21.94	21.79	23.00
5	16QAM	25	0	21.96	21.97	21.86	23.00
5	64QAM	1	0	21.77	22.00	21.78	23.00
5	64QAM	1	12	21.71	21.85	21.88	23.00
5	64QAM	1	24	21.70	21.85	21.71	23.00
5	64QAM	12	0	20.75	21.03	20.76	22.00
5	64QAM	12	7	20.67	20.92	20.63	22.00
5	64QAM	12	13	20.80	20.91	20.76	22.00
5	64QAM	25	0	20.81	20.94	20.79	22.00
5	256QAM	1	0	18.58	18.85	18.89	20.00
5	256QAM	1	12	18.74	18.87	18.75	20.00
5	256QAM	1	24	18.64	18.77	18.61	20.00
5	256QAM	12	0	18.67	18.85	18.71	20.00
5	256QAM	12	7	18.72	18.83	18.79	20.00
5	256QAM	12	13	18.63	18.88	18.82	20.00
5	256QAM	25	0	18.69	18.78	18.64	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.93	24.12	23.99	25.00
3	QPSK	1	8	23.78	24.10	23.90	25.00
3	QPSK	1	14	23.84	24.11	23.92	25.00
3	QPSK	8	0	22.93	23.08	22.99	24.00
3	QPSK	8	4	22.90	23.02	22.89	24.00
3	QPSK	8	7	22.74	22.92	22.75	24.00

3	QPSK	15	0	22.87	23.07	22.89	24.00
3	16QAM	1	0	22.77	22.88	22.83	24.00
3	16QAM	1	8	22.81	22.95	22.82	24.00
3	16QAM	1	14	22.73	22.95	22.80	24.00
3	16QAM	8	0	21.72	22.01	21.78	23.00
3	16QAM	8	4	21.67	21.96	21.92	23.00
3	16QAM	8	7	21.66	21.88	21.71	23.00
3	16QAM	15	0	21.96	22.00	21.83	23.00
3	64QAM	1	0	21.83	21.93	21.82	23.00
3	64QAM	1	8	21.75	21.89	21.79	23.00
3	64QAM	1	14	21.76	21.87	21.73	23.00
3	64QAM	8	0	20.74	20.91	20.84	22.00
3	64QAM	8	4	20.70	20.89	20.72	22.00
3	64QAM	8	7	20.79	20.81	20.75	22.00
3	64QAM	15	0	20.82	20.89	20.73	22.00
3	256QAM	1	0	18.62	18.89	18.86	20.00
3	256QAM	1	8	18.67	18.89	18.78	20.00
3	256QAM	1	14	18.72	18.80	18.68	20.00
3	256QAM	8	0	18.60	18.79	18.70	20.00
3	256QAM	8	4	18.74	18.92	18.77	20.00
3	256QAM	8	7	18.66	18.96	18.79	20.00
3	256QAM	15	0	18.68	18.82	18.62	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.91	24.14	24.00	25.00
1.4	QPSK	1	3	23.75	24.01	24.00	25.00
1.4	QPSK	1	5	23.87	24.09	23.94	25.00
1.4	QPSK	3	0	23.90	24.02	23.86	25.00
1.4	QPSK	3	1	23.79	24.10	23.95	25.00
1.4	QPSK	3	3	23.84	24.00	23.83	25.00
1.4	QPSK	6	0	22.88	23.15	22.88	24.00
1.4	16QAM	1	0	22.69	22.90	22.79	24.00
1.4	16QAM	1	3	22.68	22.98	22.70	24.00
1.4	16QAM	1	5	22.71	23.00	22.84	24.00
1.4	16QAM	3	0	22.72	22.94	22.85	24.00
1.4	16QAM	3	1	22.67	22.91	22.91	24.00
1.4	16QAM	3	3	22.71	22.94	22.68	24.00
1.4	16QAM	6	0	21.95	22.06	21.86	23.00
1.4	64QAM	1	0	21.84	21.94	21.86	23.00
1.4	64QAM	1	3	21.74	21.94	21.81	23.00
1.4	64QAM	1	5	21.74	21.88	21.70	23.00
1.4	64QAM	3	0	21.71	21.92	21.73	23.00
1.4	64QAM	3	1	21.68	21.84	21.74	23.00
1.4	64QAM	3	3	21.66	21.95	21.69	23.00
1.4	64QAM	6	0	20.73	20.89	20.75	22.00
1.4	256QAM	1	0	18.64	18.96	18.84	20.00
1.4	256QAM	1	3	18.70	18.87	18.74	20.00
1.4	256QAM	1	5	18.61	18.78	18.65	20.00
1.4	256QAM	3	0	18.69	18.89	18.73	20.00
1.4	256QAM	3	1	18.74	18.92	18.72	20.00
1.4	256QAM	3	3	18.72	18.84	18.81	20.00
1.4	256QAM	6	0	18.69	18.81	18.58	20.00

【LTE Band 5_Ant0_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.51	24.52	24.47	25.20
10	QPSK	1	25	24.39	24.45	24.28	25.20
10	QPSK	1	49	24.35	24.48	24.33	25.20
10	QPSK	25	0	23.95	24.03	23.93	24.70
10	QPSK	25	12	23.82	23.97	23.87	24.70
10	QPSK	25	25	23.78	23.95	23.85	24.70
10	QPSK	50	0	23.88	24.01	23.82	24.70
10	16QAM	1	0	23.71	23.86	23.71	24.70
10	16QAM	1	25	23.84	23.89	23.75	24.70
10	16QAM	1	49	23.76	23.91	23.81	24.70
10	16QAM	25	0	22.83	22.89	22.75	23.70

10	16QAM	25	12	22.79	22.87	22.78	23.70
10	16QAM	25	25	22.79	22.86	22.77	23.70
10	16QAM	50	0	22.77	22.91	22.81	23.70
10	64QAM	1	0	22.78	22.87	22.78	23.70
10	64QAM	1	25	22.74	22.83	22.63	23.70
10	64QAM	1	49	22.71	22.78	22.57	23.70
10	64QAM	25	0	21.75	21.87	21.72	22.70
10	64QAM	25	12	21.69	21.78	21.64	22.70
10	64QAM	25	25	21.78	21.83	21.76	22.70
10	64QAM	50	0	21.71	21.86	21.72	22.70
10	256QAM	1	0	19.70	19.85	19.70	20.70
10	256QAM	1	25	19.77	19.87	19.75	20.70
10	256QAM	1	49	19.71	19.75	19.63	20.70
10	256QAM	25	0	19.65	19.82	19.71	20.70
10	256QAM	25	12	19.67	19.81	19.71	20.70
10	256QAM	25	25	19.66	19.78	19.66	20.70
10	256QAM	50	0	19.67	19.76	19.60	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	24.38	24.42	24.45	25.20
5	QPSK	1	12	24.35	24.42	24.23	25.20
5	QPSK	1	24	24.20	24.34	24.21	25.20
5	QPSK	12	0	23.77	23.90	23.81	24.70
5	QPSK	12	7	23.67	23.83	23.85	24.70
5	QPSK	12	13	23.65	23.90	23.72	24.70
5	QPSK	25	0	23.77	23.88	23.71	24.70
5	16QAM	1	0	23.61	23.74	23.61	24.70
5	16QAM	1	12	23.70	23.78	23.63	24.70
5	16QAM	1	24	23.62	23.85	23.66	24.70
5	16QAM	12	0	22.77	22.81	22.69	23.70
5	16QAM	12	7	22.66	22.86	22.66	23.70
5	16QAM	12	13	22.70	22.73	22.73	23.70
5	16QAM	25	0	22.62	22.85	22.77	23.70
5	64QAM	1	0	22.70	22.73	22.74	23.70
5	64QAM	1	12	22.71	22.71	22.50	23.70
5	64QAM	1	24	22.66	22.65	22.48	23.70
5	64QAM	12	0	21.65	21.82	21.58	22.70
5	64QAM	12	7	21.63	21.75	21.49	22.70
5	64QAM	12	13	21.64	21.71	21.67	22.70
5	64QAM	25	0	21.65	21.74	21.67	22.70
5	256QAM	1	0	19.65	19.71	19.60	20.70
5	256QAM	1	12	19.74	19.84	19.68	20.70
5	256QAM	1	24	19.61	19.66	19.55	20.70
5	256QAM	12	0	19.58	19.80	19.57	20.70
5	256QAM	12	7	19.58	19.66	19.66	20.70
5	256QAM	12	13	19.53	19.70	19.57	20.70
5	256QAM	25	0	19.52	19.67	19.55	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.44	24.41	24.45	25.20
3	QPSK	1	8	24.35	24.34	24.23	25.20
3	QPSK	1	14	24.21	24.46	24.23	25.20
3	QPSK	8	0	23.84	23.99	23.80	24.70
3	QPSK	8	4	23.69	23.86	23.75	24.70
3	QPSK	8	7	23.68	23.94	23.71	24.70
3	QPSK	15	0	23.77	23.90	23.80	24.70
3	16QAM	1	0	23.62	23.79	23.61	24.70
3	16QAM	1	8	23.70	23.77	23.63	24.70
3	16QAM	1	14	23.71	23.81	23.76	24.70
3	16QAM	8	0	22.77	22.78	22.63	23.70
3	16QAM	8	4	22.77	22.82	22.74	23.70
3	16QAM	8	7	22.78	22.77	22.65	23.70
3	16QAM	15	0	22.62	22.85	22.67	23.70
3	64QAM	1	0	22.65	22.79	22.64	23.70
3	64QAM	1	8	22.68	22.78	22.56	23.70
3	64QAM	1	14	22.62	22.63	22.44	23.70
3	64QAM	8	0	21.67	21.76	21.66	22.70
3	64QAM	8	4	21.55	21.68	21.51	22.70
3	64QAM	8	7	21.72	21.80	21.66	22.70
3	64QAM	15	0	21.67	21.75	21.60	22.70
3	256QAM	1	0	19.67	19.83	19.67	20.70
3	256QAM	1	8	19.64	19.84	19.73	20.70
3	256QAM	1	14	19.58	19.67	19.49	20.70
3	256QAM	8	0	19.59	19.78	19.56	20.70

3	256QAM	8	4	19.63	19.67	19.61	20.70
3	256QAM	8	7	19.52	19.66	19.63	20.70
3	256QAM	15	0	19.56	19.71	19.53	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.49	24.46	24.43	25.20
1.4	QPSK	1	3	24.37	24.35	24.14	25.20
1.4	QPSK	1	5	24.29	24.39	24.21	25.20
1.4	QPSK	3	0	24.34	24.43	24.29	25.20
1.4	QPSK	3	1	24.29	24.43	24.30	25.20
1.4	QPSK	3	3	24.15	24.40	24.28	25.20
1.4	QPSK	6	0	23.85	23.96	23.78	24.70
1.4	16QAM	1	0	23.64	23.71	23.59	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.73	23.79	23.67	24.70
1.4	16QAM	3	0	23.69	23.81	23.64	24.70
1.4	16QAM	3	1	23.64	23.72	23.67	24.70
1.4	16QAM	3	3	23.77	23.72	23.64	24.70
1.4	16QAM	6	0	22.75	22.80	22.69	23.70
1.4	64QAM	1	0	22.67	22.72	22.73	23.70
1.4	64QAM	1	3	22.65	22.79	22.49	23.70
1.4	64QAM	1	5	22.63	22.66	22.54	23.70
1.4	64QAM	3	0	22.62	22.82	22.62	23.70
1.4	64QAM	3	1	22.60	22.75	22.53	23.70
1.4	64QAM	3	3	22.64	22.78	22.61	23.70
1.4	64QAM	6	0	21.68	21.78	21.61	22.70
1.4	256QAM	1	0	19.61	19.78	19.60	20.70
1.4	256QAM	1	3	19.72	19.73	19.68	20.70
1.4	256QAM	1	5	19.60	19.70	19.51	20.70
1.4	256QAM	3	0	19.57	19.76	19.67	20.70
1.4	256QAM	3	1	19.55	19.67	19.59	20.70
1.4	256QAM	3	3	19.65	19.63	19.57	20.70
1.4	256QAM	6	0	19.63	19.68	19.52	20.70

【LTE Band 5_Ant0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.05	24.18	24.12	25.00
10	QPSK	1	25	23.84	24.12	24.01	25.00
10	QPSK	1	49	23.93	24.13	24.06	25.00
10	QPSK	25	0	23.05	23.17	23.07	24.00
10	QPSK	25	12	22.92	23.12	22.98	24.00
10	QPSK	25	25	22.85	23.04	22.88	24.00
10	QPSK	50	0	22.97	23.21	23.02	24.00
10	16QAM	1	0	22.80	23.03	22.88	24.00
10	16QAM	1	25	22.83	22.99	22.84	24.00
10	16QAM	1	49	22.83	23.06	22.89	24.00
10	16QAM	25	0	21.86	22.07	21.91	23.00
10	16QAM	25	12	21.76	22.02	21.94	23.00
10	16QAM	25	25	21.73	21.97	21.82	23.00
10	16QAM	50	0	21.98	22.11	21.93	23.00
10	64QAM	1	0	21.87	22.04	21.92	23.00
10	64QAM	1	25	21.78	21.98	21.91	23.00
10	64QAM	1	49	21.78	21.97	21.85	23.00
10	64QAM	25	0	20.82	21.05	20.86	22.00
10	64QAM	25	12	20.76	20.96	20.78	22.00
10	64QAM	25	25	20.81	20.96	20.82	22.00
10	64QAM	50	0	20.84	20.99	20.87	22.00
10	256QAM	1	0	18.72	18.97	18.91	20.00
10	256QAM	1	25	18.79	18.97	18.89	20.00
10	256QAM	1	49	18.75	18.91	18.75	20.00
10	256QAM	25	0	18.71	18.92	18.79	20.00
10	256QAM	25	12	18.85	18.97	18.82	20.00
10	256QAM	25	25	18.77	18.98	18.92	20.00
10	256QAM	50	0	18.75	18.86	18.73	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	

5	QPSK	1	0	23.91	24.05	24.09	25.00
5	QPSK	1	12	23.83	24.09	23.88	25.00
5	QPSK	1	24	23.87	24.03	23.93	25.00
5	QPSK	12	0	22.92	23.04	22.99	24.00
5	QPSK	12	7	22.82	23.10	22.96	24.00
5	QPSK	12	13	22.75	22.93	22.83	24.00
5	QPSK	25	0	22.92	23.07	22.88	24.00
5	16QAM	1	0	22.69	22.98	22.75	24.00
5	16QAM	1	12	22.80	22.98	22.81	24.00
5	16QAM	1	24	22.77	22.92	22.78	24.00
5	16QAM	12	0	21.77	21.98	21.88	23.00
5	16QAM	12	7	21.70	21.97	21.91	23.00
5	16QAM	12	13	21.59	21.94	21.79	23.00
5	16QAM	25	0	21.96	21.97	21.86	23.00
5	64QAM	1	0	21.77	22.00	21.78	23.00
5	64QAM	1	12	21.71	21.85	21.88	23.00
5	64QAM	1	24	21.70	21.85	21.71	23.00
5	64QAM	12	0	20.75	21.03	20.76	22.00
5	64QAM	12	7	20.67	20.92	20.63	22.00
5	64QAM	12	13	20.80	20.91	20.76	22.00
5	64QAM	25	0	20.81	20.94	20.79	22.00
5	256QAM	1	0	18.58	18.85	18.89	20.00
5	256QAM	1	12	18.74	18.87	18.75	20.00
5	256QAM	1	24	18.64	18.77	18.61	20.00
5	256QAM	12	0	18.67	18.85	18.71	20.00
5	256QAM	12	7	18.72	18.83	18.79	20.00
5	256QAM	12	13	18.63	18.88	18.82	20.00
5	256QAM	25	0	18.69	18.78	18.64	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.93	24.12	23.99	25.00
3	QPSK	1	8	23.78	24.10	23.90	25.00
3	QPSK	1	14	23.84	24.11	23.92	25.00
3	QPSK	8	0	22.93	23.08	22.99	24.00
3	QPSK	8	4	22.90	23.02	22.89	24.00
3	QPSK	8	7	22.74	22.92	22.75	24.00
3	QPSK	15	0	22.87	23.07	22.89	24.00
3	16QAM	1	0	22.77	22.88	22.83	24.00
3	16QAM	1	8	22.81	22.95	22.82	24.00
3	16QAM	1	14	22.73	22.95	22.80	24.00
3	16QAM	8	0	21.72	22.01	21.78	23.00
3	16QAM	8	4	21.67	21.96	21.92	23.00
3	16QAM	8	7	21.66	21.88	21.71	23.00
3	16QAM	15	0	21.96	22.00	21.83	23.00
3	64QAM	1	0	21.83	21.93	21.82	23.00
3	64QAM	1	8	21.75	21.89	21.79	23.00
3	64QAM	1	14	21.76	21.87	21.73	23.00
3	64QAM	8	0	20.74	20.91	20.84	22.00
3	64QAM	8	4	20.70	20.89	20.72	22.00
3	64QAM	8	7	20.79	20.81	20.75	22.00
3	64QAM	15	0	20.82	20.89	20.73	22.00
3	256QAM	1	0	18.62	18.89	18.86	20.00
3	256QAM	1	8	18.67	18.89	18.78	20.00
3	256QAM	1	14	18.72	18.80	18.68	20.00
3	256QAM	8	0	18.60	18.79	18.70	20.00
3	256QAM	8	4	18.74	18.92	18.77	20.00
3	256QAM	8	7	18.66	18.96	18.79	20.00
3	256QAM	15	0	18.68	18.82	18.62	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.91	24.14	24.00	25.00
1.4	QPSK	1	3	23.75	24.01	24.00	25.00
1.4	QPSK	1	5	23.87	24.09	23.94	25.00
1.4	QPSK	3	0	23.90	24.02	23.86	25.00
1.4	QPSK	3	1	23.79	24.10	23.95	25.00
1.4	QPSK	3	3	23.84	24.00	23.83	25.00
1.4	QPSK	6	0	22.88	23.15	22.88	24.00
1.4	16QAM	1	0	22.69	22.90	22.79	24.00
1.4	16QAM	1	3	22.68	22.98	22.70	24.00
1.4	16QAM	1	5	22.71	23.00	22.84	24.00
1.4	16QAM	3	0	22.72	22.94	22.85	24.00
1.4	16QAM	3	1	22.67	22.91	22.91	24.00
1.4	16QAM	3	3	22.71	22.94	22.68	24.00
1.4	16QAM	6	0	21.95	22.06	21.86	23.00

1.4	64QAM	1	0	21.84	21.94	21.86	23.00
1.4	64QAM	1	3	21.74	21.94	21.81	23.00
1.4	64QAM	1	5	21.74	21.88	21.70	23.00
1.4	64QAM	3	0	21.71	21.92	21.73	23.00
1.4	64QAM	3	1	21.68	21.84	21.74	23.00
1.4	64QAM	3	3	21.66	21.95	21.69	23.00
1.4	64QAM	6	0	20.73	20.89	20.75	22.00
1.4	256QAM	1	0	18.64	18.96	18.84	20.00
1.4	256QAM	1	3	18.70	18.87	18.74	20.00
1.4	256QAM	1	5	18.61	18.78	18.65	20.00
1.4	256QAM	3	0	18.69	18.89	18.73	20.00
1.4	256QAM	3	1	18.74	18.92	18.72	20.00
1.4	256QAM	3	3	18.72	18.84	18.81	20.00
1.4	256QAM	6	0	18.69	18.81	18.58	20.00

【LTE Band 5_Ant0_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.51	24.52	24.47	25.20
10	QPSK	1	25	24.39	24.45	24.28	25.20
10	QPSK	1	49	24.35	24.48	24.33	25.20
10	QPSK	25	0	23.95	24.03	23.93	24.70
10	QPSK	25	12	23.82	23.97	23.87	24.70
10	QPSK	25	25	23.78	23.95	23.85	24.70
10	QPSK	50	0	23.88	24.01	23.82	24.70
10	16QAM	1	0	23.71	23.86	23.71	24.70
10	16QAM	1	25	23.84	23.89	23.75	24.70
10	16QAM	1	49	23.76	23.91	23.81	24.70
10	16QAM	25	0	22.83	22.89	22.75	23.70
10	16QAM	25	12	22.79	22.87	22.78	23.70
10	16QAM	25	25	22.79	22.86	22.77	23.70
10	16QAM	50	0	22.77	22.91	22.81	23.70
10	64QAM	1	0	22.78	22.87	22.78	23.70
10	64QAM	1	25	22.74	22.83	22.63	23.70
10	64QAM	1	49	22.71	22.78	22.57	23.70
10	64QAM	25	0	21.75	21.87	21.72	22.70
10	64QAM	25	12	21.69	21.78	21.64	22.70
10	64QAM	25	25	21.78	21.83	21.76	22.70
10	64QAM	50	0	21.71	21.86	21.72	22.70
10	256QAM	1	0	19.70	19.85	19.70	20.70
10	256QAM	1	25	19.77	19.87	19.75	20.70
10	256QAM	1	49	19.71	19.75	19.63	20.70
10	256QAM	25	0	19.65	19.82	19.71	20.70
10	256QAM	25	12	19.67	19.81	19.71	20.70
10	256QAM	25	25	19.66	19.78	19.66	20.70
10	256QAM	50	0	19.67	19.76	19.60	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.38	24.42	24.45	25.20
5	QPSK	1	12	24.35	24.42	24.23	25.20
5	QPSK	1	24	24.20	24.34	24.21	25.20
5	QPSK	12	0	23.77	23.90	23.81	24.70
5	QPSK	12	7	23.67	23.83	23.85	24.70
5	QPSK	12	13	23.65	23.90	23.72	24.70
5	QPSK	25	0	23.77	23.88	23.71	24.70
5	16QAM	1	0	23.61	23.74	23.61	24.70
5	16QAM	1	12	23.70	23.78	23.63	24.70
5	16QAM	1	24	23.62	23.85	23.66	24.70
5	16QAM	12	0	22.77	22.81	22.69	23.70
5	16QAM	12	7	22.66	22.86	22.66	23.70
5	16QAM	12	13	22.70	22.73	22.73	23.70
5	16QAM	25	0	22.62	22.85	22.77	23.70
5	64QAM	1	0	22.70	22.73	22.74	23.70
5	64QAM	1	12	22.71	22.71	22.50	23.70
5	64QAM	1	24	22.66	22.65	22.48	23.70
5	64QAM	12	0	21.65	21.82	21.58	22.70
5	64QAM	12	7	21.63	21.75	21.49	22.70

5	64QAM	12	13	21.64	21.71	21.67	22.70
5	64QAM	25	0	21.65	21.74	21.67	22.70
5	256QAM	1	0	19.65	19.71	19.60	20.70
5	256QAM	1	12	19.74	19.84	19.68	20.70
5	256QAM	1	24	19.61	19.66	19.55	20.70
5	256QAM	12	0	19.58	19.80	19.57	20.70
5	256QAM	12	7	19.58	19.66	19.66	20.70
5	256QAM	12	13	19.53	19.70	19.57	20.70
5	256QAM	25	0	19.52	19.67	19.55	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.44	24.41	24.45	25.20
3	QPSK	1	8	24.35	24.34	24.23	25.20
3	QPSK	1	14	24.21	24.46	24.23	25.20
3	QPSK	8	0	23.84	23.99	23.80	24.70
3	QPSK	8	4	23.69	23.86	23.75	24.70
3	QPSK	8	7	23.68	23.94	23.71	24.70
3	QPSK	15	0	23.77	23.90	23.80	24.70
3	16QAM	1	0	23.62	23.79	23.61	24.70
3	16QAM	1	8	23.70	23.77	23.63	24.70
3	16QAM	1	14	23.71	23.81	23.76	24.70
3	16QAM	8	0	22.77	22.78	22.63	23.70
3	16QAM	8	4	22.77	22.82	22.74	23.70
3	16QAM	8	7	22.78	22.77	22.65	23.70
3	16QAM	15	0	22.62	22.85	22.67	23.70
3	64QAM	1	0	22.65	22.79	22.64	23.70
3	64QAM	1	8	22.68	22.78	22.56	23.70
3	64QAM	1	14	22.62	22.63	22.44	23.70
3	64QAM	8	0	21.67	21.76	21.66	22.70
3	64QAM	8	4	21.55	21.68	21.51	22.70
3	64QAM	8	7	21.72	21.80	21.66	22.70
3	64QAM	15	0	21.67	21.75	21.60	22.70
3	256QAM	1	0	19.67	19.83	19.67	20.70
3	256QAM	1	8	19.64	19.84	19.73	20.70
3	256QAM	1	14	19.58	19.67	19.49	20.70
3	256QAM	8	0	19.59	19.78	19.56	20.70
3	256QAM	8	4	19.63	19.67	19.61	20.70
3	256QAM	8	7	19.52	19.66	19.63	20.70
3	256QAM	15	0	19.56	19.71	19.53	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.49	24.46	24.43	25.20
1.4	QPSK	1	3	24.37	24.35	24.14	25.20
1.4	QPSK	1	5	24.29	24.39	24.21	25.20
1.4	QPSK	3	0	24.34	24.43	24.29	25.20
1.4	QPSK	3	1	24.29	24.43	24.30	25.20
1.4	QPSK	3	3	24.15	24.40	24.28	25.20
1.4	QPSK	6	0	23.85	23.96	23.78	24.70
1.4	16QAM	1	0	23.64	23.71	23.59	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.73	23.79	23.67	24.70
1.4	16QAM	3	0	23.69	23.81	23.64	24.70
1.4	16QAM	3	1	23.64	23.72	23.67	24.70
1.4	16QAM	3	3	23.77	23.72	23.64	24.70
1.4	16QAM	6	0	22.75	22.80	22.69	23.70
1.4	64QAM	1	0	22.67	22.72	22.73	23.70
1.4	64QAM	1	3	22.65	22.79	22.49	23.70
1.4	64QAM	1	5	22.63	22.66	22.54	23.70
1.4	64QAM	3	0	22.62	22.82	22.62	23.70
1.4	64QAM	3	1	22.60	22.75	22.53	23.70
1.4	64QAM	3	3	22.64	22.78	22.61	23.70
1.4	64QAM	6	0	21.68	21.78	21.61	22.70
1.4	256QAM	1	0	19.61	19.78	19.60	20.70
1.4	256QAM	1	3	19.72	19.73	19.68	20.70
1.4	256QAM	1	5	19.60	19.70	19.51	20.70
1.4	256QAM	3	0	19.57	19.76	19.67	20.70
1.4	256QAM	3	1	19.55	19.67	19.59	20.70
1.4	256QAM	3	3	19.65	19.63	19.57	20.70
1.4	256QAM	6	0	19.63	19.68	19.52	20.70

【LTE Band 5_Ant0_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.05	24.18	24.12	25.00
10	QPSK	1	25	23.84	24.12	24.01	25.00
10	QPSK	1	49	23.93	24.13	24.06	25.00
10	QPSK	25	0	23.05	23.17	23.07	24.00
10	QPSK	25	12	22.92	23.12	22.98	24.00
10	QPSK	25	25	22.85	23.04	22.88	24.00
10	QPSK	50	0	22.97	23.21	23.02	24.00
10	16QAM	1	0	22.80	23.03	22.88	24.00
10	16QAM	1	25	22.83	22.99	22.84	24.00
10	16QAM	1	49	22.83	23.06	22.89	24.00
10	16QAM	25	0	21.86	22.07	21.91	23.00
10	16QAM	25	12	21.76	22.02	21.94	23.00
10	16QAM	25	25	21.73	21.97	21.82	23.00
10	16QAM	50	0	21.98	22.11	21.93	23.00
10	64QAM	1	0	21.87	22.04	21.92	23.00
10	64QAM	1	25	21.78	21.98	21.91	23.00
10	64QAM	1	49	21.78	21.97	21.85	23.00
10	64QAM	25	0	20.82	21.05	20.86	22.00
10	64QAM	25	12	20.76	20.96	20.78	22.00
10	64QAM	25	25	20.81	20.96	20.82	22.00
10	64QAM	50	0	20.84	20.99	20.87	22.00
10	256QAM	1	0	18.72	18.97	18.91	20.00
10	256QAM	1	25	18.79	18.97	18.89	20.00
10	256QAM	1	49	18.75	18.91	18.75	20.00
10	256QAM	25	0	18.71	18.92	18.79	20.00
10	256QAM	25	12	18.85	18.97	18.82	20.00
10	256QAM	25	25	18.77	18.98	18.92	20.00
10	256QAM	50	0	18.75	18.86	18.73	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.91	24.05	24.09	25.00
5	QPSK	1	12	23.83	24.09	23.88	25.00
5	QPSK	1	24	23.87	24.03	23.93	25.00
5	QPSK	12	0	22.92	23.04	22.99	24.00
5	QPSK	12	7	22.82	23.10	22.96	24.00
5	QPSK	12	13	22.75	22.93	22.83	24.00
5	QPSK	25	0	22.92	23.07	22.88	24.00
5	16QAM	1	0	22.69	22.98	22.75	24.00
5	16QAM	1	12	22.80	22.98	22.81	24.00
5	16QAM	1	24	22.77	22.92	22.78	24.00
5	16QAM	12	0	21.77	21.98	21.88	23.00
5	16QAM	12	7	21.70	21.97	21.91	23.00
5	16QAM	12	13	21.59	21.94	21.79	23.00
5	16QAM	25	0	21.96	21.97	21.86	23.00
5	64QAM	1	0	21.77	22.00	21.78	23.00
5	64QAM	1	12	21.71	21.85	21.88	23.00
5	64QAM	1	24	21.70	21.85	21.71	23.00
5	64QAM	12	0	20.75	21.03	20.76	22.00
5	64QAM	12	7	20.67	20.92	20.63	22.00
5	64QAM	12	13	20.80	20.91	20.76	22.00
5	64QAM	25	0	20.81	20.94	20.79	22.00
5	256QAM	1	0	18.58	18.85	18.89	20.00
5	256QAM	1	12	18.74	18.87	18.75	20.00
5	256QAM	1	24	18.64	18.77	18.61	20.00
5	256QAM	12	0	18.67	18.85	18.71	20.00
5	256QAM	12	7	18.72	18.83	18.79	20.00
5	256QAM	12	13	18.63	18.88	18.82	20.00
5	256QAM	25	0	18.69	18.78	18.64	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.93	24.12	23.99	25.00
3	QPSK	1	8	23.78	24.10	23.90	25.00
3	QPSK	1	14	23.84	24.11	23.92	25.00
3	QPSK	8	0	22.93	23.08	22.99	24.00
3	QPSK	8	4	22.90	23.02	22.89	24.00
3	QPSK	8	7	22.74	22.92	22.75	24.00
3	QPSK	15	0	22.87	23.07	22.89	24.00
3	16QAM	1	0	22.77	22.88	22.83	24.00

3	16QAM	1	8	22.81	22.95	22.82	24.00
3	16QAM	1	14	22.73	22.95	22.80	24.00
3	16QAM	8	0	21.72	22.01	21.78	23.00
3	16QAM	8	4	21.67	21.96	21.92	23.00
3	16QAM	8	7	21.66	21.88	21.71	23.00
3	16QAM	15	0	21.96	22.00	21.83	23.00
3	64QAM	1	0	21.83	21.93	21.82	23.00
3	64QAM	1	8	21.75	21.89	21.79	23.00
3	64QAM	1	14	21.76	21.87	21.73	23.00
3	64QAM	8	0	20.74	20.91	20.84	22.00
3	64QAM	8	4	20.70	20.89	20.72	22.00
3	64QAM	8	7	20.79	20.81	20.75	22.00
3	64QAM	15	0	20.82	20.89	20.73	22.00
3	256QAM	1	0	18.62	18.89	18.86	20.00
3	256QAM	1	8	18.67	18.89	18.78	20.00
3	256QAM	1	14	18.72	18.80	18.68	20.00
3	256QAM	8	0	18.60	18.79	18.70	20.00
3	256QAM	8	4	18.74	18.92	18.77	20.00
3	256QAM	8	7	18.66	18.96	18.79	20.00
3	256QAM	15	0	18.68	18.82	18.62	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.91	24.14	24.00	25.00
1.4	QPSK	1	3	23.75	24.01	24.00	25.00
1.4	QPSK	1	5	23.87	24.09	23.94	25.00
1.4	QPSK	3	0	23.90	24.02	23.86	25.00
1.4	QPSK	3	1	23.79	24.10	23.95	25.00
1.4	QPSK	3	3	23.84	24.00	23.83	25.00
1.4	QPSK	6	0	22.88	23.15	22.88	24.00
1.4	16QAM	1	0	22.69	22.90	22.79	24.00
1.4	16QAM	1	3	22.68	22.98	22.70	24.00
1.4	16QAM	1	5	22.71	23.00	22.84	24.00
1.4	16QAM	3	0	22.72	22.94	22.85	24.00
1.4	16QAM	3	1	22.67	22.91	22.91	24.00
1.4	16QAM	3	3	22.71	22.94	22.68	24.00
1.4	16QAM	6	0	21.95	22.06	21.86	23.00
1.4	64QAM	1	0	21.84	21.94	21.86	23.00
1.4	64QAM	1	3	21.74	21.94	21.81	23.00
1.4	64QAM	1	5	21.74	21.88	21.70	23.00
1.4	64QAM	3	0	21.71	21.92	21.73	23.00
1.4	64QAM	3	1	21.68	21.84	21.74	23.00
1.4	64QAM	3	3	21.66	21.95	21.69	23.00
1.4	64QAM	6	0	20.73	20.89	20.75	22.00
1.4	256QAM	1	0	18.64	18.96	18.84	20.00
1.4	256QAM	1	3	18.70	18.87	18.74	20.00
1.4	256QAM	1	5	18.61	18.78	18.65	20.00
1.4	256QAM	3	0	18.69	18.89	18.73	20.00
1.4	256QAM	3	1	18.74	18.92	18.72	20.00
1.4	256QAM	3	3	18.72	18.84	18.81	20.00
1.4	256QAM	6	0	18.69	18.81	18.58	20.00

【LTE Band 5_Ant1_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	24.59	24.65	24.62	25.70
10	QPSK	1	25	24.44	24.59	24.54	25.70
10	QPSK	1	49	24.44	24.56	24.47	25.70
10	QPSK	25	0	23.59	23.64	23.58	24.70
10	QPSK	25	12	23.53	23.60	23.56	24.70
10	QPSK	25	25	23.38	23.55	23.41	24.70
10	QPSK	50	0	23.46	23.61	23.54	24.70
10	16QAM	1	0	23.39	23.46	23.31	24.70
10	16QAM	1	25	23.32	23.52	23.40	24.70
10	16QAM	1	49	23.37	23.51	23.42	24.70
10	16QAM	25	0	22.37	22.44	22.35	23.70
10	16QAM	25	12	22.35	22.47	22.39	23.70
10	16QAM	25	25	22.37	22.48	22.42	23.70

10	16QAM	50	0	22.30	22.50	22.36	23.70
10	64QAM	1	0	22.26	22.45	22.39	23.70
10	64QAM	1	25	22.24	22.43	22.31	23.70
10	64QAM	1	49	22.27	22.34	22.30	23.70
10	64QAM	25	0	21.36	21.52	21.36	22.70
10	64QAM	25	12	21.23	21.42	21.28	22.70
10	64QAM	25	25	21.34	21.45	21.32	22.70
10	64QAM	50	0	21.43	21.50	21.37	22.70
10	256QAM	1	0	19.22	19.39	19.30	20.70
10	256QAM	1	25	19.42	19.48	19.37	20.70
10	256QAM	1	49	19.20	19.33	19.27	20.70
10	256QAM	25	0	19.29	19.41	19.27	20.70
10	256QAM	25	12	19.21	19.40	19.33	20.70
10	256QAM	25	25	19.17	19.36	19.26	20.70
10	256QAM	50	0	19.20	19.38	19.27	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	24.45	24.53	24.60	25.70
5	QPSK	1	12	24.38	24.49	24.43	25.70
5	QPSK	1	24	24.43	24.43	24.45	25.70
5	QPSK	12	0	23.50	23.57	23.51	24.70
5	QPSK	12	7	23.50	23.48	23.50	24.70
5	QPSK	12	13	23.25	23.53	23.36	24.70
5	QPSK	25	0	23.38	23.56	23.43	24.70
5	16QAM	1	0	23.33	23.36	23.25	24.70
5	16QAM	1	12	23.26	23.44	23.33	24.70
5	16QAM	1	24	23.24	23.36	23.28	24.70
5	16QAM	12	0	22.26	22.40	22.30	23.70
5	16QAM	12	7	22.23	22.44	22.36	23.70
5	16QAM	12	13	22.29	22.47	22.41	23.70
5	16QAM	25	0	22.26	22.49	22.31	23.70
5	64QAM	1	0	22.15	22.32	22.35	23.70
5	64QAM	1	12	22.15	22.32	22.28	23.70
5	64QAM	1	24	22.24	22.22	22.20	23.70
5	64QAM	12	0	21.32	21.44	21.23	22.70
5	64QAM	12	7	21.10	21.37	21.24	22.70
5	64QAM	12	13	21.21	21.33	21.23	22.70
5	64QAM	25	0	21.33	21.45	21.30	22.70
5	256QAM	1	0	19.09	19.25	19.17	20.70
5	256QAM	1	12	19.38	19.34	19.33	20.70
5	256QAM	1	24	19.05	19.31	19.17	20.70
5	256QAM	12	0	19.24	19.27	19.23	20.70
5	256QAM	12	7	19.12	19.30	19.25	20.70
5	256QAM	12	13	19.12	19.28	19.19	20.70
5	256QAM	25	0	19.07	19.35	19.24	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.47	24.56	24.54	25.70
3	QPSK	1	8	24.38	24.47	24.51	25.70
3	QPSK	1	14	24.43	24.47	24.44	25.70
3	QPSK	8	0	23.48	23.57	23.41	24.70
3	QPSK	8	4	23.40	23.46	23.41	24.70
3	QPSK	8	7	23.30	23.47	23.30	24.70
3	QPSK	15	0	23.40	23.50	23.46	24.70
3	16QAM	1	0	23.37	23.33	23.29	24.70
3	16QAM	1	8	23.21	23.44	23.30	24.70
3	16QAM	1	14	23.24	23.50	23.34	24.70
3	16QAM	8	0	22.34	22.32	22.29	23.70
3	16QAM	8	4	22.27	22.38	22.33	23.70
3	16QAM	8	7	22.29	22.42	22.40	23.70
3	16QAM	15	0	22.17	22.47	22.24	23.70
3	64QAM	1	0	22.13	22.41	22.25	23.70
3	64QAM	1	8	22.12	22.30	22.25	23.70
3	64QAM	1	14	22.21	22.29	22.15	23.70
3	64QAM	8	0	21.30	21.40	21.31	22.70
3	64QAM	8	4	21.18	21.37	21.27	22.70
3	64QAM	8	7	21.32	21.39	21.31	22.70
3	64QAM	15	0	21.29	21.48	21.28	22.70
3	256QAM	1	0	19.10	19.28	19.19	20.70
3	256QAM	1	8	19.41	19.41	19.26	20.70
3	256QAM	1	14	19.10	19.30	19.19	20.70
3	256QAM	8	0	19.26	19.34	19.23	20.70
3	256QAM	8	4	19.12	19.36	19.20	20.70
3	256QAM	8	7	19.11	19.32	19.13	20.70

3	256QAM	15	0	19.19	19.33	19.16	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.49	24.58	24.51	25.70
1.4	QPSK	1	3	24.31	24.44	24.47	25.70
1.4	QPSK	1	5	24.33	24.54	24.42	25.70
1.4	QPSK	3	0	24.41	24.52	24.45	25.70
1.4	QPSK	3	1	24.42	24.59	24.46	25.70
1.4	QPSK	3	3	24.32	24.51	24.40	25.70
1.4	QPSK	6	0	23.39	23.59	23.42	24.70
1.4	16QAM	1	0	23.35	23.34	23.26	24.70
1.4	16QAM	1	3	23.30	23.40	23.35	24.70
1.4	16QAM	1	5	23.23	23.38	23.36	24.70
1.4	16QAM	3	0	23.33	23.42	23.26	24.70
1.4	16QAM	3	1	23.21	23.45	23.27	24.70
1.4	16QAM	3	3	23.25	23.39	23.38	24.70
1.4	16QAM	6	0	22.15	22.42	22.27	23.70
1.4	64QAM	1	0	22.16	22.42	22.30	23.70
1.4	64QAM	1	3	22.13	22.30	22.19	23.70
1.4	64QAM	1	5	22.15	22.30	22.16	23.70
1.4	64QAM	3	0	22.26	22.41	22.21	23.70
1.4	64QAM	3	1	22.14	22.32	22.14	23.70
1.4	64QAM	3	3	22.21	22.40	22.22	23.70
1.4	64QAM	6	0	21.29	21.48	21.26	22.70
1.4	256QAM	1	0	19.20	19.35	19.27	20.70
1.4	256QAM	1	3	19.28	19.35	19.35	20.70
1.4	256QAM	1	5	19.17	19.22	19.15	20.70
1.4	256QAM	3	0	19.17	19.32	19.21	20.70
1.4	256QAM	3	1	19.12	19.29	19.22	20.70
1.4	256QAM	3	3	19.03	19.30	19.14	20.70
1.4	256QAM	6	0	19.14	19.31	19.13	20.70

【LTE Band 5_Ant1_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	23.95	24.01	23.98	25.00
10	QPSK	1	25	23.75	23.92	23.86	25.00
10	QPSK	1	49	23.80	23.95	23.88	25.00
10	QPSK	25	0	22.85	22.98	22.86	24.00
10	QPSK	25	12	22.76	22.91	22.74	24.00
10	QPSK	25	25	22.66	22.86	22.82	24.00
10	QPSK	50	0	22.94	23.04	22.90	24.00
10	16QAM	1	0	22.59	22.79	22.69	24.00
10	16QAM	1	25	22.67	22.82	22.75	24.00
10	16QAM	1	49	22.71	22.82	22.75	24.00
10	16QAM	25	0	21.81	21.89	21.85	23.00
10	16QAM	25	12	21.70	21.77	21.66	23.00
10	16QAM	25	25	21.61	21.81	21.64	23.00
10	16QAM	50	0	21.79	21.92	21.75	23.00
10	64QAM	1	0	21.67	21.82	21.66	23.00
10	64QAM	1	25	21.66	21.74	21.61	23.00
10	64QAM	1	49	21.64	21.82	21.70	23.00
10	64QAM	25	0	20.66	20.83	20.71	22.00
10	64QAM	25	12	20.58	20.73	20.60	22.00
10	64QAM	25	25	20.70	20.78	20.63	22.00
10	64QAM	50	0	20.69	20.84	20.71	22.00
10	256QAM	1	0	18.55	18.73	18.61	20.00
10	256QAM	1	25	18.70	18.81	18.76	20.00
10	256QAM	1	49	18.55	18.74	18.65	20.00
10	256QAM	25	0	18.57	18.74	18.59	20.00
10	256QAM	25	12	18.72	18.82	18.76	20.00
10	256QAM	25	25	18.62	18.77	18.72	20.00
10	256QAM	50	0	18.45	18.61	18.47	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	23.81	23.92	23.89	25.00
5	QPSK	1	12	23.63	23.81	23.76	25.00

5	QPSK	1	24	23.70	23.89	23.74	25.00
5	QPSK	12	0	22.75	22.96	22.83	24.00
5	QPSK	12	7	22.65	22.89	22.63	24.00
5	QPSK	12	13	22.55	22.76	22.68	24.00
5	QPSK	25	0	22.85	23.00	22.86	24.00
5	16QAM	1	0	22.56	22.73	22.56	24.00
5	16QAM	1	12	22.65	22.70	22.61	24.00
5	16QAM	1	24	22.69	22.67	22.64	24.00
5	16QAM	12	0	21.68	21.77	21.71	23.00
5	16QAM	12	7	21.67	21.69	21.51	23.00
5	16QAM	12	13	21.49	21.76	21.50	23.00
5	16QAM	25	0	21.64	21.78	21.67	23.00
5	64QAM	1	0	21.57	21.74	21.53	23.00
5	64QAM	1	12	21.60	21.65	21.48	23.00
5	64QAM	1	24	21.62	21.72	21.63	23.00
5	64QAM	12	0	20.59	20.74	20.57	22.00
5	64QAM	12	7	20.52	20.62	20.55	22.00
5	64QAM	12	13	20.69	20.70	20.57	22.00
5	64QAM	25	0	20.68	20.78	20.66	22.00
5	256QAM	1	0	18.46	18.68	18.50	20.00
5	256QAM	1	12	18.60	18.70	18.62	20.00
5	256QAM	1	24	18.43	18.60	18.61	20.00
5	256QAM	12	0	18.52	18.73	18.45	20.00
5	256QAM	12	7	18.62	18.68	18.67	20.00
5	256QAM	12	13	18.50	18.72	18.60	20.00
5	256QAM	25	0	18.38	18.49	18.42	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.86	23.88	23.87	25.00
3	QPSK	1	8	23.61	23.80	23.84	25.00
3	QPSK	1	14	23.73	23.90	23.79	25.00
3	QPSK	8	0	22.71	22.83	22.83	24.00
3	QPSK	8	4	22.66	22.80	22.72	24.00
3	QPSK	8	7	22.63	22.81	22.78	24.00
3	QPSK	15	0	22.82	23.02	22.85	24.00
3	16QAM	1	0	22.46	22.68	22.59	24.00
3	16QAM	1	8	22.53	22.70	22.62	24.00
3	16QAM	1	14	22.64	22.76	22.63	24.00
3	16QAM	8	0	21.66	21.78	21.75	23.00
3	16QAM	8	4	21.61	21.69	21.56	23.00
3	16QAM	8	7	21.50	21.73	21.55	23.00
3	16QAM	15	0	21.75	21.81	21.67	23.00
3	64QAM	1	0	21.63	21.80	21.52	23.00
3	64QAM	1	8	21.62	21.65	21.48	23.00
3	64QAM	1	14	21.58	21.75	21.65	23.00
3	64QAM	8	0	20.55	20.81	20.67	22.00
3	64QAM	8	4	20.43	20.70	20.52	22.00
3	64QAM	8	7	20.59	20.75	20.59	22.00
3	64QAM	15	0	20.62	20.81	20.66	22.00
3	256QAM	1	0	18.54	18.60	18.50	20.00
3	256QAM	1	8	18.59	18.77	18.63	20.00
3	256QAM	1	14	18.42	18.68	18.54	20.00
3	256QAM	8	0	18.43	18.73	18.51	20.00
3	256QAM	8	4	18.59	18.71	18.66	20.00
3	256QAM	8	7	18.50	18.65	18.70	20.00
3	256QAM	15	0	18.36	18.59	18.41	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.84	23.89	23.97	25.00
1.4	QPSK	1	3	23.62	23.81	23.76	25.00
1.4	QPSK	1	5	23.71	23.82	23.73	25.00
1.4	QPSK	3	0	23.72	23.84	23.72	25.00
1.4	QPSK	3	1	23.61	23.77	23.64	25.00
1.4	QPSK	3	3	23.55	23.81	23.69	25.00
1.4	QPSK	6	0	22.82	22.94	22.85	24.00
1.4	16QAM	1	0	22.58	22.65	22.68	24.00
1.4	16QAM	1	3	22.57	22.81	22.62	24.00
1.4	16QAM	1	5	22.61	22.79	22.64	24.00
1.4	16QAM	3	0	22.68	22.80	22.71	24.00
1.4	16QAM	3	1	22.57	22.72	22.57	24.00
1.4	16QAM	3	3	22.46	22.77	22.49	24.00
1.4	16QAM	6	0	21.67	21.78	21.69	23.00
1.4	64QAM	1	0	21.65	21.74	21.61	23.00
1.4	64QAM	1	3	21.54	21.72	21.53	23.00

1.4	64QAM	1	5	21.63	21.77	21.63	23.00
1.4	64QAM	3	0	21.54	21.71	21.66	23.00
1.4	64QAM	3	1	21.52	21.67	21.53	23.00
1.4	64QAM	3	3	21.64	21.74	21.57	23.00
1.4	64QAM	6	0	20.66	20.77	20.70	22.00
1.4	256QAM	1	0	18.52	18.58	18.48	20.00
1.4	256QAM	1	3	18.66	18.69	18.73	20.00
1.4	256QAM	1	5	18.49	18.61	18.51	20.00
1.4	256QAM	3	0	18.45	18.72	18.58	20.00
1.4	256QAM	3	1	18.67	18.73	18.62	20.00
1.4	256QAM	3	3	18.50	18.72	18.68	20.00
1.4	256QAM	6	0	18.32	18.49	18.38	20.00

【LTE Band 5_Ant1_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.65	18.70	18.67	19.70
10	QPSK	1	25	18.50	18.62	18.56	19.70
10	QPSK	1	49	18.45	18.58	18.53	19.70
10	QPSK	25	0	18.61	18.65	18.59	19.70
10	QPSK	25	12	18.44	18.57	18.46	19.70
10	QPSK	25	25	18.49	18.60	18.51	19.70
10	QPSK	50	0	18.54	18.63	18.49	19.70
10	16QAM	1	0	18.44	18.62	18.44	19.70
10	16QAM	1	25	18.43	18.56	18.48	19.70
10	16QAM	1	49	18.39	18.56	18.47	19.70
10	16QAM	25	0	18.38	18.54	18.39	19.70
10	16QAM	25	12	18.33	18.53	18.44	19.70
10	16QAM	25	25	18.37	18.55	18.41	19.70
10	16QAM	50	0	18.49	18.61	18.44	19.70
10	64QAM	1	0	18.45	18.59	18.53	19.70
10	64QAM	1	25	18.45	18.54	18.44	19.70
10	64QAM	1	49	18.38	18.57	18.50	19.70
10	64QAM	25	0	18.47	18.60	18.52	19.70
10	64QAM	25	12	18.42	18.60	18.43	19.70
10	64QAM	25	25	18.40	18.57	18.40	19.70
10	64QAM	50	0	18.34	18.54	18.40	19.70
10	256QAM	1	0	18.42	18.58	18.42	19.70
10	256QAM	1	25	18.45	18.63	18.58	19.70
10	256QAM	1	49	18.41	18.58	18.52	19.70
10	256QAM	25	0	18.50	18.61	18.45	19.70
10	256QAM	25	12	18.47	18.62	18.55	19.70
10	256QAM	25	25	18.46	18.55	18.45	19.70
10	256QAM	50	0	18.46	18.65	18.55	19.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.58	18.56	18.64	19.70
5	QPSK	1	12	18.48	18.54	18.47	19.70
5	QPSK	1	24	18.37	18.52	18.39	19.70
5	QPSK	12	0	18.48	18.54	18.51	19.70
5	QPSK	12	7	18.35	18.50	18.41	19.70
5	QPSK	12	13	18.47	18.54	18.45	19.70
5	QPSK	25	0	18.39	18.60	18.38	19.70
5	16QAM	1	0	18.41	18.51	18.37	19.70
5	16QAM	1	12	18.28	18.51	18.35	19.70
5	16QAM	1	24	18.32	18.44	18.33	19.70
5	16QAM	12	0	18.24	18.49	18.38	19.70
5	16QAM	12	7	18.25	18.50	18.36	19.70
5	16QAM	12	13	18.32	18.45	18.28	19.70
5	16QAM	25	0	18.39	18.60	18.35	19.70
5	64QAM	1	0	18.39	18.53	18.47	19.70
5	64QAM	1	12	18.44	18.40	18.37	19.70
5	64QAM	1	24	18.24	18.44	18.45	19.70
5	64QAM	12	0	18.44	18.46	18.44	19.70
5	64QAM	12	7	18.34	18.47	18.39	19.70
5	64QAM	12	13	18.36	18.45	18.35	19.70
5	64QAM	25	0	18.21	18.43	18.28	19.70

5	256QAM	1	0	18.35	18.51	18.29	19.70
5	256QAM	1	12	18.30	18.54	18.43	19.70
5	256QAM	1	24	18.30	18.57	18.39	19.70
5	256QAM	12	0	18.44	18.47	18.32	19.70
5	256QAM	12	7	18.34	18.51	18.45	19.70
5	256QAM	12	13	18.31	18.41	18.42	19.70
5	256QAM	25	0	18.44	18.62	18.49	19.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	18.64	18.60	18.65	19.70
3	QPSK	1	8	18.40	18.56	18.42	19.70
3	QPSK	1	14	18.34	18.49	18.39	19.70
3	QPSK	8	0	18.51	18.61	18.46	19.70
3	QPSK	8	4	18.29	18.50	18.44	19.70
3	QPSK	8	7	18.47	18.57	18.37	19.70
3	QPSK	15	0	18.42	18.57	18.45	19.70
3	16QAM	1	0	18.33	18.59	18.32	19.70
3	16QAM	1	8	18.39	18.42	18.40	19.70
3	16QAM	1	14	18.35	18.42	18.40	19.70
3	16QAM	8	0	18.30	18.49	18.38	19.70
3	16QAM	8	4	18.19	18.38	18.35	19.70
3	16QAM	8	7	18.22	18.41	18.27	19.70
3	16QAM	15	0	18.39	18.58	18.39	19.70
3	64QAM	1	0	18.36	18.45	18.44	19.70
3	64QAM	1	8	18.34	18.45	18.30	19.70
3	64QAM	1	14	18.34	18.43	18.47	19.70
3	64QAM	8	0	18.40	18.52	18.51	19.70
3	64QAM	8	4	18.38	18.47	18.35	19.70
3	64QAM	8	7	18.25	18.51	18.31	19.70
3	64QAM	15	0	18.20	18.49	18.36	19.70
3	256QAM	1	0	18.31	18.49	18.30	19.70
3	256QAM	1	8	18.30	18.52	18.49	19.70
3	256QAM	1	14	18.34	18.50	18.49	19.70
3	256QAM	8	0	18.48	18.48	18.35	19.70
3	256QAM	8	4	18.33	18.49	18.46	19.70
3	256QAM	8	7	18.39	18.48	18.30	19.70
3	256QAM	15	0	18.45	18.57	18.49	19.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	18.62	18.58	18.66	19.70
1.4	QPSK	1	3	18.41	18.52	18.48	19.70
1.4	QPSK	1	5	18.37	18.51	18.51	19.70
1.4	QPSK	3	0	18.42	18.58	18.54	19.70
1.4	QPSK	3	1	18.41	18.51	18.44	19.70
1.4	QPSK	3	3	18.45	18.57	18.46	19.70
1.4	QPSK	6	0	18.39	18.60	18.39	19.70
1.4	16QAM	1	0	18.32	18.54	18.40	19.70
1.4	16QAM	1	3	18.35	18.48	18.36	19.70
1.4	16QAM	1	5	18.27	18.47	18.43	19.70
1.4	16QAM	3	0	18.29	18.40	18.33	19.70
1.4	16QAM	3	1	18.21	18.39	18.36	19.70
1.4	16QAM	3	3	18.32	18.52	18.32	19.70
1.4	16QAM	6	0	18.43	18.55	18.37	19.70
1.4	64QAM	1	0	18.42	18.46	18.44	19.70
1.4	64QAM	1	3	18.37	18.48	18.37	19.70
1.4	64QAM	1	5	18.24	18.43	18.43	19.70
1.4	64QAM	3	0	18.37	18.53	18.43	19.70
1.4	64QAM	3	1	18.40	18.49	18.30	19.70
1.4	64QAM	3	3	18.33	18.45	18.29	19.70
1.4	64QAM	6	0	18.32	18.49	18.33	19.70
1.4	256QAM	1	0	18.40	18.43	18.41	19.70
1.4	256QAM	1	3	18.33	18.50	18.56	19.70
1.4	256QAM	1	5	18.35	18.55	18.37	19.70
1.4	256QAM	3	0	18.41	18.55	18.41	19.70
1.4	256QAM	3	1	18.32	18.50	18.53	19.70
1.4	256QAM	3	3	18.34	18.45	18.37	19.70
1.4	256QAM	6	0	18.36	18.52	18.54	19.70

【LTE Band 5_Ant1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.79	18.85	18.81	20.00
10	QPSK	1	25	18.69	18.80	18.66	20.00
10	QPSK	1	49	18.59	18.73	18.57	20.00
10	QPSK	25	0	18.78	18.83	18.74	20.00
10	QPSK	25	12	18.71	18.80	18.71	20.00
10	QPSK	25	25	18.62	18.71	18.65	20.00
10	QPSK	50	0	18.60	18.80	18.61	20.00
10	16QAM	1	0	18.59	18.78	18.67	20.00
10	16QAM	1	25	18.63	18.76	18.59	20.00
10	16QAM	1	49	18.59	18.78	18.59	20.00
10	16QAM	25	0	18.57	18.73	18.60	20.00
10	16QAM	25	12	18.55	18.75	18.61	20.00
10	16QAM	25	25	18.59	18.73	18.61	20.00
10	16QAM	50	0	18.65	18.73	18.67	20.00
10	64QAM	1	0	18.57	18.76	18.71	20.00
10	64QAM	1	25	18.60	18.69	18.61	20.00
10	64QAM	1	49	18.52	18.73	18.57	20.00
10	64QAM	25	0	18.60	18.80	18.67	20.00
10	64QAM	25	12	18.56	18.71	18.54	20.00
10	64QAM	25	25	18.65	18.79	18.71	20.00
10	64QAM	50	0	18.59	18.71	18.64	20.00
10	256QAM	1	0	18.53	18.71	18.59	20.00
10	256QAM	1	25	18.55	18.71	18.57	20.00
10	256QAM	1	49	18.58	18.77	18.59	20.00
10	256QAM	25	0	18.54	18.74	18.59	20.00
10	256QAM	25	12	18.69	18.79	18.65	20.00
10	256QAM	25	25	18.67	18.76	18.67	20.00
10	256QAM	50	0	18.72	18.79	18.72	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.70	18.75	18.72	20.00
5	QPSK	1	12	18.66	18.69	18.54	20.00
5	QPSK	1	24	18.49	18.70	18.54	20.00
5	QPSK	12	0	18.71	18.73	18.53	20.00
5	QPSK	12	7	18.62	18.75	18.61	20.00
5	QPSK	12	13	18.53	18.65	18.64	20.00
5	QPSK	25	0	18.51	18.71	18.51	20.00
5	16QAM	1	0	18.45	18.67	18.60	20.00
5	16QAM	1	12	18.48	18.65	18.50	20.00
5	16QAM	1	24	18.55	18.71	18.55	20.00
5	16QAM	12	0	18.47	18.68	18.49	20.00
5	16QAM	12	7	18.49	18.66	18.59	20.00
5	16QAM	12	13	18.55	18.64	18.58	20.00
5	16QAM	25	0	18.63	18.72	18.56	20.00
5	64QAM	1	0	18.54	18.61	18.60	20.00
5	64QAM	1	12	18.53	18.60	18.46	20.00
5	64QAM	1	24	18.44	18.70	18.43	20.00
5	64QAM	12	0	18.51	18.75	18.65	20.00
5	64QAM	12	7	18.52	18.67	18.51	20.00
5	64QAM	12	13	18.54	18.67	18.61	20.00
5	64QAM	25	0	18.54	18.56	18.51	20.00
5	256QAM	1	0	18.46	18.65	18.45	20.00
5	256QAM	1	12	18.40	18.60	18.54	20.00
5	256QAM	1	24	18.50	18.69	18.57	20.00
5	256QAM	12	0	18.41	18.62	18.53	20.00
5	256QAM	12	7	18.55	18.64	18.60	20.00
5	256QAM	12	13	18.60	18.75	18.52	20.00
5	256QAM	25	0	18.63	18.72	18.59	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	18.67	18.77	18.77	20.00
3	QPSK	1	8	18.67	18.77	18.52	20.00
3	QPSK	1	14	18.45	18.59	18.52	20.00
3	QPSK	8	0	18.65	18.80	18.59	20.00
3	QPSK	8	4	18.56	18.78	18.69	20.00
3	QPSK	8	7	18.59	18.57	18.54	20.00

3	QPSK	15	0	18.57	18.70	18.47	20.00
3	16QAM	1	0	18.56	18.63	18.53	20.00
3	16QAM	1	8	18.52	18.68	18.58	20.00
3	16QAM	1	14	18.52	18.76	18.45	20.00
3	16QAM	8	0	18.47	18.59	18.48	20.00
3	16QAM	8	4	18.41	18.63	18.59	20.00
3	16QAM	8	7	18.50	18.61	18.49	20.00
3	16QAM	15	0	18.52	18.59	18.65	20.00
3	64QAM	1	0	18.45	18.67	18.59	20.00
3	64QAM	1	8	18.59	18.59	18.53	20.00
3	64QAM	1	14	18.40	18.63	18.54	20.00
3	64QAM	8	0	18.53	18.71	18.52	20.00
3	64QAM	8	4	18.48	18.70	18.48	20.00
3	64QAM	8	7	18.54	18.68	18.67	20.00
3	64QAM	15	0	18.53	18.65	18.61	20.00
3	256QAM	1	0	18.46	18.60	18.45	20.00
3	256QAM	1	8	18.41	18.67	18.55	20.00
3	256QAM	1	14	18.55	18.75	18.57	20.00
3	256QAM	8	0	18.50	18.68	18.47	20.00
3	256QAM	8	4	18.57	18.67	18.58	20.00
3	256QAM	8	7	18.57	18.73	18.63	20.00
3	256QAM	15	0	18.65	18.77	18.68	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.67	18.76	18.67	20.00
1.4	QPSK	1	3	18.64	18.69	18.62	20.00
1.4	QPSK	1	5	18.48	18.60	18.52	20.00
1.4	QPSK	3	0	18.64	18.74	18.51	20.00
1.4	QPSK	3	1	18.58	18.73	18.64	20.00
1.4	QPSK	3	3	18.61	18.69	18.63	20.00
1.4	QPSK	6	0	18.48	18.78	18.53	20.00
1.4	16QAM	1	0	18.48	18.66	18.63	20.00
1.4	16QAM	1	3	18.62	18.72	18.52	20.00
1.4	16QAM	1	5	18.54	18.64	18.49	20.00
1.4	16QAM	3	0	18.49	18.63	18.57	20.00
1.4	16QAM	3	1	18.44	18.67	18.58	20.00
1.4	16QAM	3	3	18.47	18.59	18.48	20.00
1.4	16QAM	6	0	18.64	18.59	18.64	20.00
1.4	64QAM	1	0	18.47	18.64	18.57	20.00
1.4	64QAM	1	3	18.54	18.66	18.55	20.00
1.4	64QAM	1	5	18.38	18.66	18.51	20.00
1.4	64QAM	3	0	18.45	18.67	18.56	20.00
1.4	64QAM	3	1	18.45	18.66	18.50	20.00
1.4	64QAM	3	3	18.54	18.75	18.63	20.00
1.4	64QAM	6	0	18.44	18.61	18.49	20.00
1.4	256QAM	1	0	18.42	18.70	18.57	20.00
1.4	256QAM	1	3	18.48	18.56	18.48	20.00
1.4	256QAM	1	5	18.48	18.62	18.50	20.00
1.4	256QAM	3	0	18.50	18.67	18.51	20.00
1.4	256QAM	3	1	18.57	18.77	18.63	20.00
1.4	256QAM	3	3	18.57	18.70	18.62	20.00
1.4	256QAM	6	0	18.64	18.71	18.70	20.00

【LTE Band 5_Ant1_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.65	18.70	18.67	19.70
10	QPSK	1	25	18.50	18.62	18.56	19.70
10	QPSK	1	49	18.45	18.58	18.53	19.70
10	QPSK	25	0	18.61	18.65	18.59	19.70
10	QPSK	25	12	18.44	18.57	18.46	19.70
10	QPSK	25	25	18.49	18.60	18.51	19.70
10	QPSK	50	0	18.54	18.63	18.49	19.70
10	16QAM	1	0	18.44	18.62	18.44	19.70
10	16QAM	1	25	18.43	18.56	18.48	19.70
10	16QAM	1	49	18.39	18.56	18.47	19.70
10	16QAM	25	0	18.38	18.54	18.39	19.70
10	16QAM	25	12	18.33	18.53	18.44	19.70
10	16QAM	25	25	18.37	18.55	18.41	19.70
10	16QAM	50	0	18.49	18.61	18.44	19.70
10	64QAM	1	0	18.45	18.59	18.53	19.70
10	64QAM	1	25	18.45	18.54	18.44	19.70
10	64QAM	1	49	18.38	18.57	18.50	19.70
10	64QAM	25	0	18.47	18.60	18.52	19.70
10	64QAM	25	12	18.42	18.60	18.43	19.70
10	64QAM	25	25	18.40	18.57	18.40	19.70
10	64QAM	50	0	18.34	18.54	18.40	19.70
10	256QAM	1	0	18.42	18.58	18.42	19.70
10	256QAM	1	25	18.45	18.63	18.58	19.70
10	256QAM	1	49	18.41	18.58	18.52	19.70
10	256QAM	25	0	18.50	18.61	18.45	19.70
10	256QAM	25	12	18.47	18.62	18.55	19.70
10	256QAM	25	25	18.46	18.55	18.45	19.70
10	256QAM	50	0	18.46	18.65	18.55	19.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.58	18.56	18.64	19.70
5	QPSK	1	12	18.48	18.54	18.47	19.70
5	QPSK	1	24	18.37	18.52	18.39	19.70
5	QPSK	12	0	18.48	18.54	18.51	19.70
5	QPSK	12	7	18.35	18.50	18.41	19.70
5	QPSK	12	13	18.47	18.54	18.45	19.70
5	QPSK	25	0	18.39	18.60	18.38	19.70
5	16QAM	1	0	18.41	18.51	18.37	19.70
5	16QAM	1	12	18.28	18.51	18.35	19.70
5	16QAM	1	24	18.32	18.44	18.33	19.70
5	16QAM	12	0	18.24	18.49	18.38	19.70
5	16QAM	12	7	18.25	18.50	18.36	19.70
5	16QAM	12	13	18.32	18.45	18.28	19.70
5	16QAM	25	0	18.39	18.60	18.35	19.70
5	64QAM	1	0	18.39	18.53	18.47	19.70
5	64QAM	1	12	18.44	18.40	18.37	19.70
5	64QAM	1	24	18.24	18.44	18.45	19.70
5	64QAM	12	0	18.44	18.46	18.44	19.70
5	64QAM	12	7	18.34	18.47	18.39	19.70
5	64QAM	12	13	18.36	18.45	18.35	19.70
5	64QAM	25	0	18.21	18.43	18.28	19.70
5	256QAM	1	0	18.35	18.51	18.29	19.70
5	256QAM	1	12	18.30	18.54	18.43	19.70
5	256QAM	1	24	18.30	18.57	18.39	19.70
5	256QAM	12	0	18.44	18.47	18.32	19.70
5	256QAM	12	7	18.34	18.51	18.45	19.70
5	256QAM	12	13	18.31	18.41	18.42	19.70
5	256QAM	25	0	18.44	18.62	18.49	19.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	18.64	18.60	18.65	19.70
3	QPSK	1	8	18.40	18.56	18.42	19.70
3	QPSK	1	14	18.34	18.49	18.39	19.70
3	QPSK	8	0	18.51	18.61	18.46	19.70
3	QPSK	8	4	18.29	18.50	18.44	19.70
3	QPSK	8	7	18.47	18.57	18.37	19.70

3	QPSK	15	0	18.42	18.57	18.45	19.70
3	16QAM	1	0	18.33	18.59	18.32	19.70
3	16QAM	1	8	18.39	18.42	18.40	19.70
3	16QAM	1	14	18.35	18.42	18.40	19.70
3	16QAM	8	0	18.30	18.49	18.38	19.70
3	16QAM	8	4	18.19	18.38	18.35	19.70
3	16QAM	8	7	18.22	18.41	18.27	19.70
3	16QAM	15	0	18.39	18.58	18.39	19.70
3	64QAM	1	0	18.36	18.45	18.44	19.70
3	64QAM	1	8	18.34	18.45	18.30	19.70
3	64QAM	1	14	18.34	18.43	18.47	19.70
3	64QAM	8	0	18.40	18.52	18.51	19.70
3	64QAM	8	4	18.38	18.47	18.35	19.70
3	64QAM	8	7	18.25	18.51	18.31	19.70
3	64QAM	15	0	18.20	18.49	18.36	19.70
3	256QAM	1	0	18.31	18.49	18.30	19.70
3	256QAM	1	8	18.30	18.52	18.49	19.70
3	256QAM	1	14	18.34	18.50	18.49	19.70
3	256QAM	8	0	18.48	18.48	18.35	19.70
3	256QAM	8	4	18.33	18.49	18.46	19.70
3	256QAM	8	7	18.39	18.48	18.30	19.70
3	256QAM	15	0	18.45	18.57	18.49	19.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.62	18.58	18.66	19.70
1.4	QPSK	1	3	18.41	18.52	18.48	19.70
1.4	QPSK	1	5	18.37	18.51	18.51	19.70
1.4	QPSK	3	0	18.42	18.58	18.54	19.70
1.4	QPSK	3	1	18.41	18.51	18.44	19.70
1.4	QPSK	3	3	18.45	18.57	18.46	19.70
1.4	QPSK	6	0	18.39	18.60	18.39	19.70
1.4	16QAM	1	0	18.32	18.54	18.40	19.70
1.4	16QAM	1	3	18.35	18.48	18.36	19.70
1.4	16QAM	1	5	18.27	18.47	18.43	19.70
1.4	16QAM	3	0	18.29	18.40	18.33	19.70
1.4	16QAM	3	1	18.21	18.39	18.36	19.70
1.4	16QAM	3	3	18.32	18.52	18.32	19.70
1.4	16QAM	6	0	18.43	18.55	18.37	19.70
1.4	64QAM	1	0	18.42	18.46	18.44	19.70
1.4	64QAM	1	3	18.37	18.48	18.37	19.70
1.4	64QAM	1	5	18.24	18.43	18.43	19.70
1.4	64QAM	3	0	18.37	18.53	18.43	19.70
1.4	64QAM	3	1	18.40	18.49	18.30	19.70
1.4	64QAM	3	3	18.33	18.45	18.29	19.70
1.4	64QAM	6	0	18.32	18.49	18.33	19.70
1.4	256QAM	1	0	18.40	18.43	18.41	19.70
1.4	256QAM	1	3	18.33	18.50	18.56	19.70
1.4	256QAM	1	5	18.35	18.55	18.37	19.70
1.4	256QAM	3	0	18.41	18.55	18.41	19.70
1.4	256QAM	3	1	18.32	18.50	18.53	19.70
1.4	256QAM	3	3	18.34	18.45	18.37	19.70
1.4	256QAM	6	0	18.36	18.52	18.54	19.70

【LTE Band 5_Ant1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.79	18.85	18.81	20.00
10	QPSK	1	25	18.69	18.80	18.66	20.00
10	QPSK	1	49	18.59	18.73	18.57	20.00
10	QPSK	25	0	18.78	18.83	18.74	20.00
10	QPSK	25	12	18.71	18.80	18.71	20.00
10	QPSK	25	25	18.62	18.71	18.65	20.00
10	QPSK	50	0	18.60	18.80	18.61	20.00
10	16QAM	1	0	18.59	18.78	18.67	20.00
10	16QAM	1	25	18.63	18.76	18.59	20.00
10	16QAM	1	49	18.59	18.78	18.59	20.00
10	16QAM	25	0	18.57	18.73	18.60	20.00

10	16QAM	25	12	18.55	18.75	18.61	20.00
10	16QAM	25	25	18.59	18.73	18.61	20.00
10	16QAM	50	0	18.65	18.73	18.67	20.00
10	64QAM	1	0	18.57	18.76	18.71	20.00
10	64QAM	1	25	18.60	18.69	18.61	20.00
10	64QAM	1	49	18.52	18.73	18.57	20.00
10	64QAM	25	0	18.60	18.80	18.67	20.00
10	64QAM	25	12	18.56	18.71	18.54	20.00
10	64QAM	25	25	18.65	18.79	18.71	20.00
10	64QAM	50	0	18.59	18.71	18.64	20.00
10	256QAM	1	0	18.53	18.71	18.59	20.00
10	256QAM	1	25	18.55	18.71	18.57	20.00
10	256QAM	1	49	18.58	18.77	18.59	20.00
10	256QAM	25	0	18.54	18.74	18.59	20.00
10	256QAM	25	12	18.69	18.79	18.65	20.00
10	256QAM	25	25	18.67	18.76	18.67	20.00
10	256QAM	50	0	18.72	18.79	18.72	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	18.70	18.75	18.72	20.00
5	QPSK	1	12	18.66	18.69	18.54	20.00
5	QPSK	1	24	18.49	18.70	18.54	20.00
5	QPSK	12	0	18.71	18.73	18.53	20.00
5	QPSK	12	7	18.62	18.75	18.61	20.00
5	QPSK	12	13	18.53	18.65	18.64	20.00
5	QPSK	25	0	18.51	18.71	18.51	20.00
5	16QAM	1	0	18.45	18.67	18.60	20.00
5	16QAM	1	12	18.48	18.65	18.50	20.00
5	16QAM	1	24	18.55	18.71	18.55	20.00
5	16QAM	12	0	18.47	18.68	18.49	20.00
5	16QAM	12	7	18.49	18.66	18.59	20.00
5	16QAM	12	13	18.55	18.64	18.58	20.00
5	16QAM	25	0	18.63	18.72	18.56	20.00
5	64QAM	1	0	18.54	18.61	18.60	20.00
5	64QAM	1	12	18.53	18.60	18.46	20.00
5	64QAM	1	24	18.44	18.70	18.43	20.00
5	64QAM	12	0	18.51	18.75	18.65	20.00
5	64QAM	12	7	18.52	18.67	18.51	20.00
5	64QAM	12	13	18.54	18.67	18.61	20.00
5	64QAM	25	0	18.54	18.56	18.51	20.00
5	256QAM	1	0	18.46	18.65	18.45	20.00
5	256QAM	1	12	18.40	18.60	18.54	20.00
5	256QAM	1	24	18.50	18.69	18.57	20.00
5	256QAM	12	0	18.41	18.62	18.53	20.00
5	256QAM	12	7	18.55	18.64	18.60	20.00
5	256QAM	12	13	18.60	18.75	18.52	20.00
5	256QAM	25	0	18.63	18.72	18.59	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	18.67	18.77	18.77	20.00
3	QPSK	1	8	18.67	18.77	18.52	20.00
3	QPSK	1	14	18.45	18.59	18.52	20.00
3	QPSK	8	0	18.65	18.80	18.59	20.00
3	QPSK	8	4	18.56	18.78	18.69	20.00
3	QPSK	8	7	18.59	18.57	18.54	20.00
3	QPSK	15	0	18.57	18.70	18.47	20.00
3	16QAM	1	0	18.56	18.63	18.53	20.00
3	16QAM	1	8	18.52	18.68	18.58	20.00
3	16QAM	1	14	18.52	18.76	18.45	20.00
3	16QAM	8	0	18.47	18.59	18.48	20.00
3	16QAM	8	4	18.41	18.63	18.59	20.00
3	16QAM	8	7	18.50	18.61	18.49	20.00
3	16QAM	15	0	18.52	18.59	18.65	20.00
3	64QAM	1	0	18.45	18.67	18.59	20.00
3	64QAM	1	8	18.59	18.59	18.53	20.00
3	64QAM	1	14	18.40	18.63	18.54	20.00
3	64QAM	8	0	18.53	18.71	18.52	20.00
3	64QAM	8	4	18.48	18.70	18.48	20.00
3	64QAM	8	7	18.54	18.68	18.67	20.00
3	64QAM	15	0	18.53	18.65	18.61	20.00
3	256QAM	1	0	18.46	18.60	18.45	20.00
3	256QAM	1	8	18.41	18.67	18.55	20.00
3	256QAM	1	14	18.55	18.75	18.57	20.00
3	256QAM	8	0	18.50	18.68	18.47	20.00

3	256QAM	8	4	18.57	18.67	18.58	20.00
3	256QAM	8	7	18.57	18.73	18.63	20.00
3	256QAM	15	0	18.65	18.77	18.68	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.67	18.76	18.67	20.00
1.4	QPSK	1	3	18.64	18.69	18.62	20.00
1.4	QPSK	1	5	18.48	18.60	18.52	20.00
1.4	QPSK	3	0	18.64	18.74	18.51	20.00
1.4	QPSK	3	1	18.58	18.73	18.64	20.00
1.4	QPSK	3	3	18.61	18.69	18.63	20.00
1.4	QPSK	6	0	18.48	18.78	18.53	20.00
1.4	16QAM	1	0	18.48	18.66	18.63	20.00
1.4	16QAM	1	3	18.62	18.72	18.52	20.00
1.4	16QAM	1	5	18.54	18.64	18.49	20.00
1.4	16QAM	3	0	18.49	18.63	18.57	20.00
1.4	16QAM	3	1	18.44	18.67	18.58	20.00
1.4	16QAM	3	3	18.47	18.59	18.48	20.00
1.4	16QAM	6	0	18.64	18.59	18.64	20.00
1.4	64QAM	1	0	18.47	18.64	18.57	20.00
1.4	64QAM	1	3	18.54	18.66	18.55	20.00
1.4	64QAM	1	5	18.38	18.66	18.51	20.00
1.4	64QAM	3	0	18.45	18.67	18.56	20.00
1.4	64QAM	3	1	18.45	18.66	18.50	20.00
1.4	64QAM	3	3	18.54	18.75	18.63	20.00
1.4	64QAM	6	0	18.44	18.61	18.49	20.00
1.4	256QAM	1	0	18.42	18.70	18.57	20.00
1.4	256QAM	1	3	18.48	18.56	18.48	20.00
1.4	256QAM	1	5	18.48	18.62	18.50	20.00
1.4	256QAM	3	0	18.50	18.67	18.51	20.00
1.4	256QAM	3	1	18.57	18.77	18.63	20.00
1.4	256QAM	3	3	18.57	18.70	18.62	20.00
1.4	256QAM	6	0	18.64	18.71	18.70	20.00

【LTE Band 5_Ant1_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.59	24.65	24.62	25.70
10	QPSK	1	25	24.44	24.59	24.54	25.70
10	QPSK	1	49	24.44	24.56	24.47	25.70
10	QPSK	25	0	23.59	23.64	23.58	24.70
10	QPSK	25	12	23.53	23.60	23.56	24.70
10	QPSK	25	25	23.38	23.55	23.41	24.70
10	QPSK	50	0	23.46	23.61	23.54	24.70
10	16QAM	1	0	23.39	23.46	23.31	24.70
10	16QAM	1	25	23.32	23.52	23.40	24.70
10	16QAM	1	49	23.37	23.51	23.42	24.70
10	16QAM	25	0	22.37	22.44	22.35	23.70
10	16QAM	25	12	22.35	22.47	22.39	23.70
10	16QAM	25	25	22.37	22.48	22.42	23.70
10	16QAM	50	0	22.30	22.50	22.36	23.70
10	64QAM	1	0	22.26	22.45	22.39	23.70
10	64QAM	1	25	22.24	22.43	22.31	23.70
10	64QAM	1	49	22.27	22.34	22.30	23.70
10	64QAM	25	0	21.36	21.52	21.36	22.70
10	64QAM	25	12	21.23	21.42	21.28	22.70
10	64QAM	25	25	21.34	21.45	21.32	22.70
10	64QAM	50	0	21.43	21.50	21.37	22.70
10	256QAM	1	0	19.22	19.39	19.30	20.70
10	256QAM	1	25	19.42	19.48	19.37	20.70
10	256QAM	1	49	19.20	19.33	19.27	20.70
10	256QAM	25	0	19.29	19.41	19.27	20.70
10	256QAM	25	12	19.21	19.40	19.33	20.70
10	256QAM	25	25	19.17	19.36	19.26	20.70
10	256QAM	50	0	19.20	19.38	19.27	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	

5	QPSK	1	0	24.45	24.53	24.60	25.70
5	QPSK	1	12	24.38	24.49	24.43	25.70
5	QPSK	1	24	24.43	24.43	24.45	25.70
5	QPSK	12	0	23.50	23.57	23.51	24.70
5	QPSK	12	7	23.50	23.48	23.50	24.70
5	QPSK	12	13	23.25	23.53	23.36	24.70
5	QPSK	25	0	23.38	23.56	23.43	24.70
5	16QAM	1	0	23.33	23.36	23.25	24.70
5	16QAM	1	12	23.26	23.44	23.33	24.70
5	16QAM	1	24	23.24	23.36	23.28	24.70
5	16QAM	12	0	22.26	22.40	22.30	23.70
5	16QAM	12	7	22.23	22.44	22.36	23.70
5	16QAM	12	13	22.29	22.47	22.41	23.70
5	16QAM	25	0	22.26	22.49	22.31	23.70
5	64QAM	1	0	22.15	22.32	22.35	23.70
5	64QAM	1	12	22.15	22.32	22.28	23.70
5	64QAM	1	24	22.24	22.22	22.20	23.70
5	64QAM	12	0	21.32	21.44	21.23	22.70
5	64QAM	12	7	21.10	21.37	21.24	22.70
5	64QAM	12	13	21.21	21.33	21.23	22.70
5	64QAM	25	0	21.33	21.45	21.30	22.70
5	256QAM	1	0	19.09	19.25	19.17	20.70
5	256QAM	1	12	19.38	19.34	19.33	20.70
5	256QAM	1	24	19.05	19.31	19.17	20.70
5	256QAM	12	0	19.24	19.27	19.23	20.70
5	256QAM	12	7	19.12	19.30	19.25	20.70
5	256QAM	12	13	19.12	19.28	19.19	20.70
5	256QAM	25	0	19.07	19.35	19.24	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.47	24.56	24.54	25.70
3	QPSK	1	8	24.38	24.47	24.51	25.70
3	QPSK	1	14	24.43	24.47	24.44	25.70
3	QPSK	8	0	23.48	23.57	23.41	24.70
3	QPSK	8	4	23.40	23.46	23.41	24.70
3	QPSK	8	7	23.30	23.47	23.30	24.70
3	QPSK	15	0	23.40	23.50	23.46	24.70
3	16QAM	1	0	23.37	23.33	23.29	24.70
3	16QAM	1	8	23.21	23.44	23.30	24.70
3	16QAM	1	14	23.24	23.50	23.34	24.70
3	16QAM	8	0	22.34	22.32	22.29	23.70
3	16QAM	8	4	22.27	22.38	22.33	23.70
3	16QAM	8	7	22.29	22.42	22.40	23.70
3	16QAM	15	0	22.17	22.47	22.24	23.70
3	64QAM	1	0	22.13	22.41	22.25	23.70
3	64QAM	1	8	22.12	22.30	22.25	23.70
3	64QAM	1	14	22.21	22.29	22.15	23.70
3	64QAM	8	0	21.30	21.40	21.31	22.70
3	64QAM	8	4	21.18	21.37	21.27	22.70
3	64QAM	8	7	21.32	21.39	21.31	22.70
3	64QAM	15	0	21.29	21.48	21.28	22.70
3	256QAM	1	0	19.10	19.28	19.19	20.70
3	256QAM	1	8	19.41	19.41	19.26	20.70
3	256QAM	1	14	19.10	19.30	19.19	20.70
3	256QAM	8	0	19.26	19.34	19.23	20.70
3	256QAM	8	4	19.12	19.36	19.20	20.70
3	256QAM	8	7	19.11	19.32	19.13	20.70
3	256QAM	15	0	19.19	19.33	19.16	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.49	24.58	24.51	25.70
1.4	QPSK	1	3	24.31	24.44	24.47	25.70
1.4	QPSK	1	5	24.33	24.54	24.42	25.70
1.4	QPSK	3	0	24.41	24.52	24.45	25.70
1.4	QPSK	3	1	24.42	24.59	24.46	25.70
1.4	QPSK	3	3	24.32	24.51	24.40	25.70
1.4	QPSK	6	0	23.39	23.59	23.42	24.70
1.4	16QAM	1	0	23.35	23.34	23.26	24.70
1.4	16QAM	1	3	23.30	23.40	23.35	24.70
1.4	16QAM	1	5	23.23	23.38	23.36	24.70
1.4	16QAM	3	0	23.33	23.42	23.26	24.70
1.4	16QAM	3	1	23.21	23.45	23.27	24.70
1.4	16QAM	3	3	23.25	23.39	23.38	24.70
1.4	16QAM	6	0	22.15	22.42	22.27	23.70

1.4	64QAM	1	0	22.16	22.42	22.30	23.70
1.4	64QAM	1	3	22.13	22.30	22.19	23.70
1.4	64QAM	1	5	22.15	22.30	22.16	23.70
1.4	64QAM	3	0	22.26	22.41	22.21	23.70
1.4	64QAM	3	1	22.14	22.32	22.14	23.70
1.4	64QAM	3	3	22.21	22.40	22.22	23.70
1.4	64QAM	6	0	21.29	21.48	21.26	22.70
1.4	256QAM	1	0	19.20	19.35	19.27	20.70
1.4	256QAM	1	3	19.28	19.35	19.35	20.70
1.4	256QAM	1	5	19.17	19.22	19.15	20.70
1.4	256QAM	3	0	19.17	19.32	19.21	20.70
1.4	256QAM	3	1	19.12	19.29	19.22	20.70
1.4	256QAM	3	3	19.03	19.30	19.14	20.70
1.4	256QAM	6	0	19.14	19.31	19.13	20.70

【LTE Band 5_Ant1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.95	24.01	23.98	25.00
10	QPSK	1	25	23.75	23.92	23.86	25.00
10	QPSK	1	49	23.80	23.95	23.88	25.00
10	QPSK	25	0	22.85	22.98	22.86	24.00
10	QPSK	25	12	22.76	22.91	22.74	24.00
10	QPSK	25	25	22.66	22.86	22.82	24.00
10	QPSK	50	0	22.94	23.04	22.90	24.00
10	16QAM	1	0	22.59	22.79	22.69	24.00
10	16QAM	1	25	22.67	22.82	22.75	24.00
10	16QAM	1	49	22.71	22.82	22.75	24.00
10	16QAM	25	0	21.81	21.89	21.85	23.00
10	16QAM	25	12	21.70	21.77	21.66	23.00
10	16QAM	25	25	21.61	21.81	21.64	23.00
10	16QAM	50	0	21.79	21.92	21.75	23.00
10	64QAM	1	0	21.67	21.82	21.66	23.00
10	64QAM	1	25	21.66	21.74	21.61	23.00
10	64QAM	1	49	21.64	21.82	21.70	23.00
10	64QAM	25	0	20.66	20.83	20.71	22.00
10	64QAM	25	12	20.58	20.73	20.60	22.00
10	64QAM	25	25	20.70	20.78	20.63	22.00
10	64QAM	50	0	20.69	20.84	20.71	22.00
10	256QAM	1	0	18.55	18.73	18.61	20.00
10	256QAM	1	25	18.70	18.81	18.76	20.00
10	256QAM	1	49	18.55	18.74	18.65	20.00
10	256QAM	25	0	18.57	18.74	18.59	20.00
10	256QAM	25	12	18.72	18.82	18.76	20.00
10	256QAM	25	25	18.62	18.77	18.72	20.00
10	256QAM	50	0	18.45	18.61	18.47	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.81	23.92	23.89	25.00
5	QPSK	1	12	23.63	23.81	23.76	25.00
5	QPSK	1	24	23.70	23.89	23.74	25.00
5	QPSK	12	0	22.75	22.96	22.83	24.00
5	QPSK	12	7	22.65	22.89	22.63	24.00
5	QPSK	12	13	22.55	22.76	22.68	24.00
5	QPSK	25	0	22.85	23.00	22.86	24.00
5	16QAM	1	0	22.56	22.73	22.56	24.00
5	16QAM	1	12	22.65	22.70	22.61	24.00
5	16QAM	1	24	22.69	22.67	22.64	24.00
5	16QAM	12	0	21.68	21.77	21.71	23.00
5	16QAM	12	7	21.67	21.69	21.51	23.00
5	16QAM	12	13	21.49	21.76	21.50	23.00
5	16QAM	25	0	21.64	21.78	21.67	23.00
5	64QAM	1	0	21.57	21.74	21.53	23.00
5	64QAM	1	12	21.60	21.65	21.48	23.00
5	64QAM	1	24	21.62	21.72	21.63	23.00
5	64QAM	12	0	20.59	20.74	20.57	22.00
5	64QAM	12	7	20.52	20.62	20.55	22.00

5	64QAM	12	13	20.69	20.70	20.57	22.00
5	64QAM	25	0	20.68	20.78	20.66	22.00
5	256QAM	1	0	18.46	18.68	18.50	20.00
5	256QAM	1	12	18.60	18.70	18.62	20.00
5	256QAM	1	24	18.43	18.60	18.61	20.00
5	256QAM	12	0	18.52	18.73	18.45	20.00
5	256QAM	12	7	18.62	18.68	18.67	20.00
5	256QAM	12	13	18.50	18.72	18.60	20.00
5	256QAM	25	0	18.38	18.49	18.42	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.86	23.88	23.87	25.00
3	QPSK	1	8	23.61	23.80	23.84	25.00
3	QPSK	1	14	23.73	23.90	23.79	25.00
3	QPSK	8	0	22.71	22.83	22.83	24.00
3	QPSK	8	4	22.66	22.80	22.72	24.00
3	QPSK	8	7	22.63	22.81	22.78	24.00
3	QPSK	15	0	22.82	23.02	22.85	24.00
3	16QAM	1	0	22.46	22.68	22.59	24.00
3	16QAM	1	8	22.53	22.70	22.62	24.00
3	16QAM	1	14	22.64	22.76	22.63	24.00
3	16QAM	8	0	21.66	21.78	21.75	23.00
3	16QAM	8	4	21.61	21.69	21.56	23.00
3	16QAM	8	7	21.50	21.73	21.55	23.00
3	16QAM	15	0	21.75	21.81	21.67	23.00
3	64QAM	1	0	21.63	21.80	21.52	23.00
3	64QAM	1	8	21.62	21.65	21.48	23.00
3	64QAM	1	14	21.58	21.75	21.65	23.00
3	64QAM	8	0	20.55	20.81	20.67	22.00
3	64QAM	8	4	20.43	20.70	20.52	22.00
3	64QAM	8	7	20.59	20.75	20.59	22.00
3	64QAM	15	0	20.62	20.81	20.66	22.00
3	256QAM	1	0	18.54	18.60	18.50	20.00
3	256QAM	1	8	18.59	18.77	18.63	20.00
3	256QAM	1	14	18.42	18.68	18.54	20.00
3	256QAM	8	0	18.43	18.73	18.51	20.00
3	256QAM	8	4	18.59	18.71	18.66	20.00
3	256QAM	8	7	18.50	18.65	18.70	20.00
3	256QAM	15	0	18.36	18.59	18.41	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.84	23.89	23.97	25.00
1.4	QPSK	1	3	23.62	23.81	23.76	25.00
1.4	QPSK	1	5	23.71	23.82	23.73	25.00
1.4	QPSK	3	0	23.72	23.84	23.72	25.00
1.4	QPSK	3	1	23.61	23.77	23.64	25.00
1.4	QPSK	3	3	23.55	23.81	23.69	25.00
1.4	QPSK	6	0	22.82	22.94	22.85	24.00
1.4	16QAM	1	0	22.58	22.65	22.68	24.00
1.4	16QAM	1	3	22.57	22.81	22.62	24.00
1.4	16QAM	1	5	22.61	22.79	22.64	24.00
1.4	16QAM	3	0	22.68	22.80	22.71	24.00
1.4	16QAM	3	1	22.57	22.72	22.57	24.00
1.4	16QAM	3	3	22.46	22.77	22.49	24.00
1.4	16QAM	6	0	21.67	21.78	21.69	23.00
1.4	64QAM	1	0	21.65	21.74	21.61	23.00
1.4	64QAM	1	3	21.54	21.72	21.53	23.00
1.4	64QAM	1	5	21.63	21.77	21.63	23.00
1.4	64QAM	3	0	21.54	21.71	21.66	23.00
1.4	64QAM	3	1	21.52	21.67	21.53	23.00
1.4	64QAM	3	3	21.64	21.74	21.57	23.00
1.4	64QAM	6	0	20.66	20.77	20.70	22.00
1.4	256QAM	1	0	18.52	18.58	18.48	20.00
1.4	256QAM	1	3	18.66	18.69	18.73	20.00
1.4	256QAM	1	5	18.49	18.61	18.51	20.00
1.4	256QAM	3	0	18.45	18.72	18.58	20.00
1.4	256QAM	3	1	18.67	18.73	18.62	20.00
1.4	256QAM	3	3	18.50	18.72	18.68	20.00
1.4	256QAM	6	0	18.32	18.49	18.38	20.00

【LTE Band 5_Ant1_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.65	18.70	18.67	19.70
10	QPSK	1	25	18.50	18.62	18.56	19.70
10	QPSK	1	49	18.45	18.58	18.53	19.70
10	QPSK	25	0	18.61	18.65	18.59	19.70
10	QPSK	25	12	18.44	18.57	18.46	19.70
10	QPSK	25	25	18.49	18.60	18.51	19.70
10	QPSK	50	0	18.54	18.63	18.49	19.70
10	16QAM	1	0	18.44	18.62	18.44	19.70
10	16QAM	1	25	18.43	18.56	18.48	19.70
10	16QAM	1	49	18.39	18.56	18.47	19.70
10	16QAM	25	0	18.38	18.54	18.39	19.70
10	16QAM	25	12	18.33	18.53	18.44	19.70
10	16QAM	25	25	18.37	18.55	18.41	19.70
10	16QAM	50	0	18.49	18.61	18.44	19.70
10	64QAM	1	0	18.45	18.59	18.53	19.70
10	64QAM	1	25	18.45	18.54	18.44	19.70
10	64QAM	1	49	18.38	18.57	18.50	19.70
10	64QAM	25	0	18.47	18.60	18.52	19.70
10	64QAM	25	12	18.42	18.60	18.43	19.70
10	64QAM	25	25	18.40	18.57	18.40	19.70
10	64QAM	50	0	18.34	18.54	18.40	19.70
10	256QAM	1	0	18.42	18.58	18.42	19.70
10	256QAM	1	25	18.45	18.63	18.58	19.70
10	256QAM	1	49	18.41	18.58	18.52	19.70
10	256QAM	25	0	18.50	18.61	18.45	19.70
10	256QAM	25	12	18.47	18.62	18.55	19.70
10	256QAM	25	25	18.46	18.55	18.45	19.70
10	256QAM	50	0	18.46	18.65	18.55	19.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.58	18.56	18.64	19.70
5	QPSK	1	12	18.48	18.54	18.47	19.70
5	QPSK	1	24	18.37	18.52	18.39	19.70
5	QPSK	12	0	18.48	18.54	18.51	19.70
5	QPSK	12	7	18.35	18.50	18.41	19.70
5	QPSK	12	13	18.47	18.54	18.45	19.70
5	QPSK	25	0	18.39	18.60	18.38	19.70
5	16QAM	1	0	18.41	18.51	18.37	19.70
5	16QAM	1	12	18.28	18.51	18.35	19.70
5	16QAM	1	24	18.32	18.44	18.33	19.70
5	16QAM	12	0	18.24	18.49	18.38	19.70
5	16QAM	12	7	18.25	18.50	18.36	19.70
5	16QAM	12	13	18.32	18.45	18.28	19.70
5	16QAM	25	0	18.39	18.60	18.35	19.70
5	64QAM	1	0	18.39	18.53	18.47	19.70
5	64QAM	1	12	18.44	18.40	18.37	19.70
5	64QAM	1	24	18.24	18.44	18.45	19.70
5	64QAM	12	0	18.44	18.46	18.44	19.70
5	64QAM	12	7	18.34	18.47	18.39	19.70
5	64QAM	12	13	18.36	18.45	18.35	19.70
5	64QAM	25	0	18.21	18.43	18.28	19.70
5	256QAM	1	0	18.35	18.51	18.29	19.70
5	256QAM	1	12	18.30	18.54	18.43	19.70
5	256QAM	1	24	18.30	18.57	18.39	19.70
5	256QAM	12	0	18.44	18.47	18.32	19.70
5	256QAM	12	7	18.34	18.51	18.45	19.70
5	256QAM	12	13	18.31	18.41	18.42	19.70
5	256QAM	25	0	18.44	18.62	18.49	19.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	18.64	18.60	18.65	19.70
3	QPSK	1	8	18.40	18.56	18.42	19.70
3	QPSK	1	14	18.34	18.49	18.39	19.70
3	QPSK	8	0	18.51	18.61	18.46	19.70
3	QPSK	8	4	18.29	18.50	18.44	19.70
3	QPSK	8	7	18.47	18.57	18.37	19.70
3	QPSK	15	0	18.42	18.57	18.45	19.70
3	16QAM	1	0	18.33	18.59	18.32	19.70

3	16QAM	1	8	18.39	18.42	18.40	19.70
3	16QAM	1	14	18.35	18.42	18.40	19.70
3	16QAM	8	0	18.30	18.49	18.38	19.70
3	16QAM	8	4	18.19	18.38	18.35	19.70
3	16QAM	8	7	18.22	18.41	18.27	19.70
3	16QAM	15	0	18.39	18.58	18.39	19.70
3	64QAM	1	0	18.36	18.45	18.44	19.70
3	64QAM	1	8	18.34	18.45	18.30	19.70
3	64QAM	1	14	18.34	18.43	18.47	19.70
3	64QAM	8	0	18.40	18.52	18.51	19.70
3	64QAM	8	4	18.38	18.47	18.35	19.70
3	64QAM	8	7	18.25	18.51	18.31	19.70
3	64QAM	15	0	18.20	18.49	18.36	19.70
3	256QAM	1	0	18.31	18.49	18.30	19.70
3	256QAM	1	8	18.30	18.52	18.49	19.70
3	256QAM	1	14	18.34	18.50	18.49	19.70
3	256QAM	8	0	18.48	18.48	18.35	19.70
3	256QAM	8	4	18.33	18.49	18.46	19.70
3	256QAM	8	7	18.39	18.48	18.30	19.70
3	256QAM	15	0	18.45	18.57	18.49	19.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.62	18.58	18.66	19.70
1.4	QPSK	1	3	18.41	18.52	18.48	19.70
1.4	QPSK	1	5	18.37	18.51	18.51	19.70
1.4	QPSK	3	0	18.42	18.58	18.54	19.70
1.4	QPSK	3	1	18.41	18.51	18.44	19.70
1.4	QPSK	3	3	18.45	18.57	18.46	19.70
1.4	QPSK	6	0	18.39	18.60	18.39	19.70
1.4	16QAM	1	0	18.32	18.54	18.40	19.70
1.4	16QAM	1	3	18.35	18.48	18.36	19.70
1.4	16QAM	1	5	18.27	18.47	18.43	19.70
1.4	16QAM	3	0	18.29	18.40	18.33	19.70
1.4	16QAM	3	1	18.21	18.39	18.36	19.70
1.4	16QAM	3	3	18.32	18.52	18.32	19.70
1.4	16QAM	6	0	18.43	18.55	18.37	19.70
1.4	64QAM	1	0	18.42	18.46	18.44	19.70
1.4	64QAM	1	3	18.37	18.48	18.37	19.70
1.4	64QAM	1	5	18.24	18.43	18.43	19.70
1.4	64QAM	3	0	18.37	18.53	18.43	19.70
1.4	64QAM	3	1	18.40	18.49	18.30	19.70
1.4	64QAM	3	3	18.33	18.45	18.29	19.70
1.4	64QAM	6	0	18.32	18.49	18.33	19.70
1.4	256QAM	1	0	18.40	18.43	18.41	19.70
1.4	256QAM	1	3	18.33	18.50	18.56	19.70
1.4	256QAM	1	5	18.35	18.55	18.37	19.70
1.4	256QAM	3	0	18.41	18.55	18.41	19.70
1.4	256QAM	3	1	18.32	18.50	18.53	19.70
1.4	256QAM	3	3	18.34	18.45	18.37	19.70
1.4	256QAM	6	0	18.36	18.52	18.54	19.70

【LTE Band 5_Ant1_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.79	18.85	18.81	20.00
10	QPSK	1	25	18.69	18.80	18.66	20.00
10	QPSK	1	49	18.59	18.73	18.57	20.00
10	QPSK	25	0	18.78	18.83	18.74	20.00
10	QPSK	25	12	18.71	18.80	18.71	20.00
10	QPSK	25	25	18.62	18.71	18.65	20.00
10	QPSK	50	0	18.60	18.80	18.61	20.00
10	16QAM	1	0	18.59	18.78	18.67	20.00
10	16QAM	1	25	18.63	18.76	18.59	20.00
10	16QAM	1	49	18.59	18.78	18.59	20.00
10	16QAM	25	0	18.57	18.73	18.60	20.00
10	16QAM	25	12	18.55	18.75	18.61	20.00
10	16QAM	25	25	18.59	18.73	18.61	20.00

10	16QAM	50	0	18.65	18.73	18.67	20.00
10	64QAM	1	0	18.57	18.76	18.71	20.00
10	64QAM	1	25	18.60	18.69	18.61	20.00
10	64QAM	1	49	18.52	18.73	18.57	20.00
10	64QAM	25	0	18.60	18.80	18.67	20.00
10	64QAM	25	12	18.56	18.71	18.54	20.00
10	64QAM	25	25	18.65	18.79	18.71	20.00
10	64QAM	50	0	18.59	18.71	18.64	20.00
10	256QAM	1	0	18.53	18.71	18.59	20.00
10	256QAM	1	25	18.55	18.71	18.57	20.00
10	256QAM	1	49	18.58	18.77	18.59	20.00
10	256QAM	25	0	18.54	18.74	18.59	20.00
10	256QAM	25	12	18.69	18.79	18.65	20.00
10	256QAM	25	25	18.67	18.76	18.67	20.00
10	256QAM	50	0	18.72	18.79	18.72	20.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	18.70	18.75	18.72	20.00
5	QPSK	1	12	18.66	18.69	18.54	20.00
5	QPSK	1	24	18.49	18.70	18.54	20.00
5	QPSK	12	0	18.71	18.73	18.53	20.00
5	QPSK	12	7	18.62	18.75	18.61	20.00
5	QPSK	12	13	18.53	18.65	18.64	20.00
5	QPSK	25	0	18.51	18.71	18.51	20.00
5	16QAM	1	0	18.45	18.67	18.60	20.00
5	16QAM	1	12	18.48	18.65	18.50	20.00
5	16QAM	1	24	18.55	18.71	18.55	20.00
5	16QAM	12	0	18.47	18.68	18.49	20.00
5	16QAM	12	7	18.49	18.66	18.59	20.00
5	16QAM	12	13	18.55	18.64	18.58	20.00
5	16QAM	25	0	18.63	18.72	18.56	20.00
5	64QAM	1	0	18.54	18.61	18.60	20.00
5	64QAM	1	12	18.53	18.60	18.46	20.00
5	64QAM	1	24	18.44	18.70	18.43	20.00
5	64QAM	12	0	18.51	18.75	18.65	20.00
5	64QAM	12	7	18.52	18.67	18.51	20.00
5	64QAM	12	13	18.54	18.67	18.61	20.00
5	64QAM	25	0	18.54	18.56	18.51	20.00
5	256QAM	1	0	18.46	18.65	18.45	20.00
5	256QAM	1	12	18.40	18.60	18.54	20.00
5	256QAM	1	24	18.50	18.69	18.57	20.00
5	256QAM	12	0	18.41	18.62	18.53	20.00
5	256QAM	12	7	18.55	18.64	18.60	20.00
5	256QAM	12	13	18.60	18.75	18.52	20.00
5	256QAM	25	0	18.63	18.72	18.59	20.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	18.67	18.77	18.77	20.00
3	QPSK	1	8	18.67	18.77	18.52	20.00
3	QPSK	1	14	18.45	18.59	18.52	20.00
3	QPSK	8	0	18.65	18.80	18.59	20.00
3	QPSK	8	4	18.56	18.78	18.69	20.00
3	QPSK	8	7	18.59	18.57	18.54	20.00
3	QPSK	15	0	18.57	18.70	18.47	20.00
3	16QAM	1	0	18.56	18.63	18.53	20.00
3	16QAM	1	8	18.52	18.68	18.58	20.00
3	16QAM	1	14	18.52	18.76	18.45	20.00
3	16QAM	8	0	18.47	18.59	18.48	20.00
3	16QAM	8	4	18.41	18.63	18.59	20.00
3	16QAM	8	7	18.50	18.61	18.49	20.00
3	16QAM	15	0	18.52	18.59	18.65	20.00
3	64QAM	1	0	18.45	18.67	18.59	20.00
3	64QAM	1	8	18.59	18.59	18.53	20.00
3	64QAM	1	14	18.40	18.63	18.54	20.00
3	64QAM	8	0	18.53	18.71	18.52	20.00
3	64QAM	8	4	18.48	18.70	18.48	20.00
3	64QAM	8	7	18.54	18.68	18.67	20.00
3	64QAM	15	0	18.53	18.65	18.61	20.00
3	256QAM	1	0	18.46	18.60	18.45	20.00
3	256QAM	1	8	18.41	18.67	18.55	20.00
3	256QAM	1	14	18.55	18.75	18.57	20.00
3	256QAM	8	0	18.50	18.68	18.47	20.00
3	256QAM	8	4	18.57	18.67	18.58	20.00
3	256QAM	8	7	18.57	18.73	18.63	20.00

3	256QAM	15	0	18.65	18.77	18.68	20.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	18.67	18.76	18.67	20.00
1.4	QPSK	1	3	18.64	18.69	18.62	20.00
1.4	QPSK	1	5	18.48	18.60	18.52	20.00
1.4	QPSK	3	0	18.64	18.74	18.51	20.00
1.4	QPSK	3	1	18.58	18.73	18.64	20.00
1.4	QPSK	3	3	18.61	18.69	18.63	20.00
1.4	QPSK	6	0	18.48	18.78	18.53	20.00
1.4	16QAM	1	0	18.48	18.66	18.63	20.00
1.4	16QAM	1	3	18.62	18.72	18.52	20.00
1.4	16QAM	1	5	18.54	18.64	18.49	20.00
1.4	16QAM	3	0	18.49	18.63	18.57	20.00
1.4	16QAM	3	1	18.44	18.67	18.58	20.00
1.4	16QAM	3	3	18.47	18.59	18.48	20.00
1.4	16QAM	6	0	18.64	18.59	18.64	20.00
1.4	64QAM	1	0	18.47	18.64	18.57	20.00
1.4	64QAM	1	3	18.54	18.66	18.55	20.00
1.4	64QAM	1	5	18.38	18.66	18.51	20.00
1.4	64QAM	3	0	18.45	18.67	18.56	20.00
1.4	64QAM	3	1	18.45	18.66	18.50	20.00
1.4	64QAM	3	3	18.54	18.75	18.63	20.00
1.4	64QAM	6	0	18.44	18.61	18.49	20.00
1.4	256QAM	1	0	18.42	18.70	18.57	20.00
1.4	256QAM	1	3	18.48	18.56	18.48	20.00
1.4	256QAM	1	5	18.48	18.62	18.50	20.00
1.4	256QAM	3	0	18.50	18.67	18.51	20.00
1.4	256QAM	3	1	18.57	18.77	18.63	20.00
1.4	256QAM	3	3	18.57	18.70	18.62	20.00
1.4	256QAM	6	0	18.64	18.71	18.70	20.00

【LTE Band 7_Ant4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	25.29	25.32	25.26	25.70
20	QPSK	1	49	25.19	25.25	25.05	25.70
20	QPSK	1	99	25.16	25.22	25.06	25.70
20	QPSK	50	0	24.23	24.29	24.18	24.70
20	QPSK	50	24	24.08	24.22	24.08	24.70
20	QPSK	50	50	24.07	24.25	24.10	24.70
20	QPSK	100	0	24.12	24.27	24.20	24.70
20	16QAM	1	0	24.04	24.09	23.95	24.70
20	16QAM	1	49	24.08	24.17	23.97	24.70
20	16QAM	1	99	24.08	24.12	23.99	24.70
20	16QAM	50	0	23.13	23.19	23.12	23.70
20	16QAM	50	24	23.09	23.16	22.99	23.70
20	16QAM	50	50	23.11	23.17	22.97	23.70
20	16QAM	100	0	23.17	23.22	23.15	23.70
20	64QAM	1	0	23.05	23.13	23.07	23.70
20	64QAM	1	49	23.03	23.12	22.92	23.70
20	64QAM	1	99	22.86	22.97	22.90	23.70
20	64QAM	50	0	22.04	22.15	22.02	22.70
20	64QAM	50	24	21.97	22.01	21.84	22.70
20	64QAM	50	50	21.98	22.10	21.93	22.70
20	64QAM	100	0	21.97	22.13	21.95	22.70
20	256QAM	1	0	20.01	20.15	19.97	20.70
20	256QAM	1	49	19.98	20.14	20.07	20.70
20	256QAM	1	99	19.97	20.03	19.97	20.70
20	256QAM	50	0	20.00	20.08	20.00	20.70
20	256QAM	50	24	19.99	20.11	19.93	20.70
20	256QAM	50	50	19.87	20.00	19.85	20.70
20	256QAM	100	0	19.98	20.07	19.90	20.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	25.27	25.17	25.21	25.70
15	QPSK	1	37	25.04	25.23	24.97	25.70

15	QPSK	1	74	25.08	25.07	25.00	25.70
15	QPSK	36	0	24.02	24.26	23.99	24.70
15	QPSK	36	20	23.93	24.16	24.05	24.70
15	QPSK	36	39	24.00	24.21	24.07	24.70
15	QPSK	75	0	24.05	24.22	24.06	24.70
15	16QAM	1	0	23.90	23.94	23.87	24.70
15	16QAM	1	37	24.00	24.16	23.84	24.70
15	16QAM	1	74	23.95	24.09	23.86	24.70
15	16QAM	36	0	23.05	23.06	23.07	23.70
15	16QAM	36	20	23.00	23.03	22.96	23.70
15	16QAM	36	39	23.04	23.05	22.93	23.70
15	16QAM	75	0	23.04	23.16	23.11	23.70
15	64QAM	1	0	23.03	23.06	23.03	23.70
15	64QAM	1	37	22.92	23.05	22.83	23.70
15	64QAM	1	74	22.80	22.84	22.78	23.70
15	64QAM	36	0	21.95	22.13	21.95	22.70
15	64QAM	36	20	21.88	21.97	21.79	22.70
15	64QAM	36	39	21.92	21.98	21.79	22.70
15	64QAM	75	0	21.83	22.02	21.91	22.70
15	256QAM	1	0	19.86	20.09	19.85	20.70
15	256QAM	1	37	19.96	20.01	20.01	20.70
15	256QAM	1	74	19.83	19.96	19.86	20.70
15	256QAM	36	0	19.87	19.97	19.93	20.70
15	256QAM	36	20	19.88	20.09	19.91	20.70
15	256QAM	36	39	19.81	19.93	19.80	20.70
15	256QAM	75	0	19.95	19.97	19.86	20.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	25.28	25.29	25.17	25.70
10	QPSK	1	25	25.08	25.19	24.95	25.70
10	QPSK	1	49	25.10	25.11	25.00	25.70
10	QPSK	25	0	24.05	24.16	24.01	24.70
10	QPSK	25	12	24.05	24.17	23.98	24.70
10	QPSK	25	25	23.99	24.21	24.01	24.70
10	QPSK	50	0	24.03	24.25	24.17	24.70
10	16QAM	1	0	23.98	24.03	23.86	24.70
10	16QAM	1	25	24.00	24.06	23.84	24.70
10	16QAM	1	49	23.99	24.02	23.90	24.70
10	16QAM	25	0	23.00	23.17	23.06	23.70
10	16QAM	25	12	22.96	23.08	22.96	23.70
10	16QAM	25	25	23.05	23.11	22.86	23.70
10	16QAM	50	0	23.07	23.16	23.01	23.70
10	64QAM	1	0	23.04	23.06	23.06	23.70
10	64QAM	1	25	22.99	23.00	22.80	23.70
10	64QAM	1	49	22.71	22.94	22.89	23.70
10	64QAM	25	0	21.95	22.08	21.96	22.70
10	64QAM	25	12	21.92	21.89	21.80	22.70
10	64QAM	25	25	21.96	22.06	21.82	22.70
10	64QAM	50	0	21.85	22.00	21.94	22.70
10	256QAM	1	0	19.92	20.04	19.94	20.70
10	256QAM	1	25	19.88	20.02	19.93	20.70
10	256QAM	1	49	19.91	20.01	19.84	20.70
10	256QAM	25	0	19.98	20.04	19.89	20.70
10	256QAM	25	12	19.97	20.03	19.82	20.70
10	256QAM	25	25	19.75	19.85	19.78	20.70
10	256QAM	50	0	19.83	19.93	19.83	20.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	25.19	25.23	25.22	25.70
5	QPSK	1	12	25.17	25.18	24.97	25.70
5	QPSK	1	24	25.07	25.10	25.03	25.70
5	QPSK	12	0	24.05	24.17	24.04	24.70
5	QPSK	12	7	23.98	24.19	23.93	24.70
5	QPSK	12	13	23.97	24.16	24.00	24.70
5	QPSK	25	0	23.99	24.16	24.07	24.70
5	16QAM	1	0	23.92	24.02	23.86	24.70
5	16QAM	1	12	23.97	24.06	23.96	24.70
5	16QAM	1	24	23.95	24.07	23.86	24.70
5	16QAM	12	0	23.01	23.11	23.07	23.70
5	16QAM	12	7	22.98	23.05	22.95	23.70
5	16QAM	12	13	23.00	23.07	22.86	23.70
5	16QAM	25	0	23.02	23.13	23.08	23.70
5	64QAM	1	0	22.91	23.11	22.99	23.70
5	64QAM	1	12	22.97	23.05	22.80	23.70

5	64QAM	1	24	22.79	22.84	22.88	23.70
5	64QAM	12	0	21.91	22.07	21.88	22.70
5	64QAM	12	7	21.90	21.90	21.70	22.70
5	64QAM	12	13	21.90	22.08	21.82	22.70
5	64QAM	25	0	21.85	22.06	21.81	22.70
5	256QAM	1	0	19.88	20.01	19.90	20.70
5	256QAM	1	12	19.83	20.10	20.04	20.70
5	256QAM	1	24	19.94	19.95	19.88	20.70
5	256QAM	12	0	19.88	19.99	19.96	20.70
5	256QAM	12	7	19.97	19.97	19.91	20.70
5	256QAM	12	13	19.83	19.86	19.71	20.70
5	256QAM	25	0	19.88	20.05	19.85	20.70

【LTE Band 7_Ant4_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.78	16.82	16.75	17.20
20	QPSK	1	49	16.64	16.74	16.69	17.20
20	QPSK	1	99	16.74	16.71	16.68	17.20
20	QPSK	50	0	16.76	16.78	16.72	17.20
20	QPSK	50	24	16.74	16.72	16.65	17.20
20	QPSK	50	50	16.75	16.75	16.62	17.20
20	QPSK	100	0	16.64	16.69	16.69	17.20
20	16QAM	1	0	16.65	16.72	16.71	17.20
20	16QAM	1	49	16.64	16.76	16.62	17.20
20	16QAM	1	99	16.75	16.74	16.68	17.20
20	16QAM	50	0	16.71	16.71	16.63	17.20
20	16QAM	50	24	16.63	16.72	16.60	17.20
20	16QAM	50	50	16.74	16.66	16.67	17.20
20	16QAM	100	0	16.68	16.70	16.67	17.20
20	64QAM	1	0	16.65	16.71	16.71	17.20
20	64QAM	1	49	16.65	16.70	16.72	17.20
20	64QAM	1	99	16.70	16.76	16.65	17.20
20	64QAM	50	0	16.72	16.69	16.61	17.20
20	64QAM	50	24	16.66	16.66	16.68	17.20
20	64QAM	50	50	16.68	16.74	16.63	17.20
20	64QAM	100	0	16.71	16.70	16.66	17.20
20	256QAM	1	0	16.71	16.75	16.62	17.20
20	256QAM	1	49	16.73	16.69	16.70	17.20
20	256QAM	1	99	16.74	16.71	16.70	17.20
20	256QAM	50	0	16.69	16.72	16.65	17.20
20	256QAM	50	24	16.70	16.67	16.66	17.20
20	256QAM	50	50	16.64	16.76	16.68	17.20
20	256QAM	100	0	16.64	16.75	16.64	17.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.59	16.70	16.73	17.20
15	QPSK	1	37	16.50	16.62	16.67	17.20
15	QPSK	1	74	16.63	16.59	16.56	17.20
15	QPSK	36	0	16.71	16.63	16.60	17.20
15	QPSK	36	20	16.62	16.71	16.62	17.20
15	QPSK	36	39	16.68	16.70	16.60	17.20
15	QPSK	75	0	16.51	16.67	16.66	17.20
15	16QAM	1	0	16.51	16.62	16.63	17.20
15	16QAM	1	37	16.55	16.73	16.48	17.20
15	16QAM	1	74	16.70	16.60	16.61	17.20
15	16QAM	36	0	16.62	16.69	16.53	17.20
15	16QAM	36	20	16.50	16.61	16.54	17.20
15	16QAM	36	39	16.61	16.55	16.55	17.20
15	16QAM	75	0	16.65	16.61	16.60	17.20
15	64QAM	1	0	16.59	16.62	16.57	17.20
15	64QAM	1	37	16.60	16.63	16.69	17.20
15	64QAM	1	74	16.67	16.67	16.54	17.20
15	64QAM	36	0	16.69	16.55	16.48	17.20
15	64QAM	36	20	16.65	16.53	16.57	17.20
15	64QAM	36	39	16.57	16.66	16.61	17.20
15	64QAM	75	0	16.57	16.59	16.62	17.20

15	256QAM	1	0	16.64	16.66	16.57	17.20
15	256QAM	1	37	16.65	16.60	16.69	17.20
15	256QAM	1	74	16.72	16.62	16.57	17.20
15	256QAM	36	0	16.62	16.61	16.61	17.20
15	256QAM	36	20	16.56	16.52	16.62	17.20
15	256QAM	36	39	16.55	16.73	16.60	17.20
15	256QAM	75	0	16.60	16.69	16.61	17.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.65	16.70	16.68	17.20
10	QPSK	1	25	16.56	16.59	16.56	17.20
10	QPSK	1	49	16.73	16.64	16.67	17.20
10	QPSK	25	0	16.74	16.65	16.56	17.20
10	QPSK	25	12	16.73	16.69	16.65	17.20
10	QPSK	25	25	16.67	16.65	16.60	17.20
10	QPSK	50	0	16.58	16.57	16.57	17.20
10	16QAM	1	0	16.58	16.69	16.69	17.20
10	16QAM	1	25	16.51	16.71	16.49	17.20
10	16QAM	1	49	16.72	16.67	16.58	17.20
10	16QAM	25	0	16.68	16.67	16.50	17.20
10	16QAM	25	12	16.54	16.64	16.49	17.20
10	16QAM	25	25	16.64	16.65	16.64	17.20
10	16QAM	50	0	16.53	16.68	16.61	17.20
10	64QAM	1	0	16.60	16.59	16.69	17.20
10	64QAM	1	25	16.57	16.56	16.67	17.20
10	64QAM	1	49	16.56	16.67	16.51	17.20
10	64QAM	25	0	16.69	16.55	16.52	17.20
10	64QAM	25	12	16.57	16.59	16.62	17.20
10	64QAM	25	25	16.64	16.69	16.54	17.20
10	64QAM	50	0	16.57	16.64	16.60	17.20
10	256QAM	1	0	16.65	16.73	16.48	17.20
10	256QAM	1	25	16.62	16.64	16.58	17.20
10	256QAM	1	49	16.61	16.59	16.60	17.20
10	256QAM	25	0	16.63	16.64	16.59	17.20
10	256QAM	25	12	16.61	16.65	16.51	17.20
10	256QAM	25	25	16.50	16.62	16.62	17.20
10	256QAM	50	0	16.56	16.61	16.60	17.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	16.70	16.71	16.61	17.20
5	QPSK	1	12	16.61	16.59	16.62	17.20
5	QPSK	1	24	16.69	16.59	16.54	17.20
5	QPSK	12	0	16.61	16.72	16.56	17.20
5	QPSK	12	7	16.72	16.75	16.65	17.20
5	QPSK	12	13	16.61	16.64	16.57	17.20
5	QPSK	25	0	16.62	16.54	16.57	17.20
5	16QAM	1	0	16.51	16.70	16.59	17.20
5	16QAM	1	12	16.49	16.74	16.60	17.20
5	16QAM	1	24	16.73	16.68	16.67	17.20
5	16QAM	12	0	16.62	16.62	16.54	17.20
5	16QAM	12	7	16.49	16.65	16.51	17.20
5	16QAM	12	13	16.64	16.59	16.54	17.20
5	16QAM	25	0	16.67	16.66	16.62	17.20
5	64QAM	1	0	16.51	16.60	16.64	17.20
5	64QAM	1	12	16.60	16.61	16.58	17.20
5	64QAM	1	24	16.61	16.72	16.54	17.20
5	64QAM	12	0	16.69	16.68	16.51	17.20
5	64QAM	12	7	16.52	16.62	16.59	17.20
5	64QAM	12	13	16.54	16.60	16.59	17.20
5	64QAM	25	0	16.63	16.59	16.57	17.20
5	256QAM	1	0	16.65	16.60	16.51	17.20
5	256QAM	1	12	16.69	16.57	16.67	17.20
5	256QAM	1	24	16.67	16.61	16.57	17.20
5	256QAM	12	0	16.67	16.69	16.61	17.20
5	256QAM	12	7	16.61	16.54	16.54	17.20
5	256QAM	12	13	16.61	16.67	16.56	17.20
5	256QAM	25	0	16.54	16.73	16.52	17.20

【LTE Band 7_Ant4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.31	18.36	18.21	18.70
20	QPSK	1	49	18.14	18.26	18.21	18.70
20	QPSK	1	99	18.16	18.26	18.13	18.70
20	QPSK	50	0	18.26	18.28	18.21	18.70
20	QPSK	50	24	18.20	18.25	18.11	18.70
20	QPSK	50	50	18.20	18.21	18.12	18.70
20	QPSK	100	0	18.24	18.21	18.13	18.70
20	16QAM	1	0	18.22	18.18	18.21	18.70
20	16QAM	1	49	18.19	18.21	18.12	18.70
20	16QAM	1	99	18.23	18.24	18.20	18.70
20	16QAM	50	0	18.22	18.24	18.18	18.70
20	16QAM	50	24	18.24	18.18	18.17	18.70
20	16QAM	50	50	18.23	18.19	18.17	18.70
20	16QAM	100	0	18.18	18.27	18.12	18.70
20	64QAM	1	0	18.20	18.24	18.20	18.70
20	64QAM	1	49	18.14	18.18	18.19	18.70
20	64QAM	1	99	18.20	18.28	18.17	18.70
20	64QAM	50	0	18.22	18.25	18.13	18.70
20	64QAM	50	24	18.24	18.25	18.18	18.70
20	64QAM	50	50	18.16	18.17	18.20	18.70
20	64QAM	100	0	18.20	18.26	18.19	18.70
20	256QAM	1	0	18.13	18.19	18.12	18.70
20	256QAM	1	49	18.14	18.18	18.15	18.70
20	256QAM	1	99	18.16	18.17	18.21	18.70
20	256QAM	50	0	18.23	18.18	18.19	18.70
20	256QAM	50	24	18.23	18.26	18.14	18.70
20	256QAM	50	50	18.19	18.18	18.15	18.70
20	256QAM	100	0	18.18	18.25	18.14	18.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.19	18.24	18.13	18.70
15	QPSK	1	37	18.11	18.22	18.13	18.70
15	QPSK	1	74	18.02	18.12	18.10	18.70
15	QPSK	36	0	18.15	18.23	18.17	18.70
15	QPSK	36	20	18.18	18.11	18.08	18.70
15	QPSK	36	39	18.18	18.16	17.98	18.70
15	QPSK	75	0	18.18	18.09	18.09	18.70
15	16QAM	1	0	18.20	18.03	18.14	18.70
15	16QAM	1	37	18.12	18.18	18.09	18.70
15	16QAM	1	74	18.09	18.13	18.13	18.70
15	16QAM	36	0	18.09	18.11	18.05	18.70
15	16QAM	36	20	18.16	18.06	18.15	18.70
15	16QAM	36	39	18.17	18.17	18.04	18.70
15	16QAM	75	0	18.14	18.19	17.97	18.70
15	64QAM	1	0	18.19	18.22	18.16	18.70
15	64QAM	1	37	18.12	18.14	18.12	18.70
15	64QAM	1	74	18.05	18.15	18.06	18.70
15	64QAM	36	0	18.19	18.19	18.03	18.70
15	64QAM	36	20	18.12	18.21	18.09	18.70
15	64QAM	36	39	18.04	18.08	18.05	18.70
15	64QAM	75	0	18.18	18.18	18.17	18.70
15	256QAM	1	0	18.07	18.13	18.01	18.70
15	256QAM	1	37	18.00	18.17	18.14	18.70
15	256QAM	1	74	18.10	18.04	18.10	18.70
15	256QAM	36	0	18.12	18.06	18.11	18.70
15	256QAM	36	20	18.20	18.22	17.99	18.70
15	256QAM	36	39	18.05	18.04	18.10	18.70
15	256QAM	75	0	18.05	18.19	18.00	18.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.20	18.33	18.11	18.70
10	QPSK	1	25	18.02	18.19	18.13	18.70
10	QPSK	1	49	18.01	18.13	18.07	18.70
10	QPSK	25	0	18.14	18.27	18.15	18.70
10	QPSK	25	12	18.08	18.21	18.00	18.70
10	QPSK	25	25	18.06	18.09	18.05	18.70