

Appendix E. Output Power Measurement

<GSM Conducted Power>

【GSM850_DSI 4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.66	32.65	32.68	33.50	23.66	23.65	23.68	24.50
GPRS 1 Tx slot	32.65	32.61	32.70	33.50	23.65	23.61	23.70	24.50
GPRS 2 Tx slots	30.49	30.47	30.52	31.50	24.49	24.47	24.52	25.50
GPRS 3 Tx slots	28.90	28.89	28.88	29.50	24.64	24.63	24.62	25.24
GPRS 4 Tx slots	27.35	27.36	27.28	28.50	24.35	24.36	24.28	25.50
EDGE 1 Tx slot	26.41	26.34	26.30	27.50	17.41	17.34	17.30	18.50
EDGE 2 Tx slots	25.05	24.92	25.04	26.50	19.05	18.92	19.04	20.50
EDGE 3 Tx slots	23.59	23.61	23.54	25.00	19.33	19.35	19.28	20.74
EDGE 4 Tx slots	21.64	21.69	21.67	23.00	18.64	18.69	18.67	20.00

【GSM850_DSI 7】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.66	32.65	32.68	33.50	23.66	23.65	23.68	24.50
GPRS 1 Tx slot	32.65	32.61	32.70	33.50	23.65	23.61	23.70	24.50
GPRS 2 Tx slots	28.92	28.92	29.47	30.50	22.92	22.92	23.47	24.50
GPRS 3 Tx slots	27.15	27.21	27.74	28.50	22.89	22.95	23.48	24.24
GPRS 4 Tx slots	25.99	25.97	26.45	27.50	22.99	22.97	23.45	24.50
EDGE 1 Tx slot	26.41	26.34	26.30	27.50	17.41	17.34	17.30	18.50
EDGE 2 Tx slots	25.05	24.92	25.04	26.50	19.05	18.92	19.04	20.50
EDGE 3 Tx slots	23.59	23.61	23.54	25.00	19.33	19.35	19.28	20.74
EDGE 4 Tx slots	21.64	21.69	21.67	23.00	18.64	18.69	18.67	20.00

【GSM850_DSI 3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.66	32.65	32.68	33.50	23.66	23.65	23.68	24.50
GPRS 1 Tx slot	32.65	32.61	32.70	33.50	23.65	23.61	23.70	24.50
GPRS 2 Tx slots	28.92	28.92	29.47	30.50	22.92	22.92	23.47	24.50
GPRS 3 Tx slots	27.15	27.21	27.74	28.50	22.89	22.95	23.48	24.24
GPRS 4 Tx slots	25.99	25.97	26.45	27.50	22.99	22.97	23.45	24.50
EDGE 1 Tx slot	26.41	26.34	26.30	27.50	17.41	17.34	17.30	18.50
EDGE 2 Tx slots	25.05	24.92	25.04	26.50	19.05	18.92	19.04	20.50
EDGE 3 Tx slots	23.59	23.61	23.54	24.00	19.33	19.35	19.28	19.74
EDGE 4 Tx slots	21.64	21.69	21.67	23.00	18.64	18.69	18.67	20.00

【GSM850_DSI 6】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.66	32.65	32.68	33.50	23.66	23.65	23.68	24.50
GPRS 1 Tx slot	32.65	32.61	32.70	33.50	23.65	23.61	23.70	24.50
GPRS 2 Tx slots	30.49	30.47	30.52	31.50	24.49	24.47	24.52	25.50
GPRS 3 Tx slots	28.90	28.89	28.88	29.50	24.64	24.63	24.62	25.24
GPRS 4 Tx slots	27.35	27.36	27.28	28.50	24.35	24.36	24.28	25.50
EDGE 1 Tx slot	26.41	26.34	26.30	27.50	17.41	17.34	17.30	18.50
EDGE 2 Tx slots	25.05	24.92	25.04	26.50	19.05	18.92	19.04	20.50
EDGE 3 Tx slots	23.59	23.61	23.54	25.00	19.33	19.35	19.28	20.74
EDGE 4 Tx slots	21.64	21.69	21.67	23.00	18.64	18.69	18.67	20.00

【GSM850_DSI 2】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.66	32.65	32.68	33.50	23.66	23.65	23.68	24.50
GPRS 1 Tx slot	32.65	32.61	32.70	33.50	23.65	23.61	23.70	24.50
GPRS 2 Tx slots	30.49	30.47	30.52	31.50	24.49	24.47	24.52	25.50
GPRS 3 Tx slots	28.90	28.89	28.88	29.50	24.64	24.63	24.62	25.24
GPRS 4 Tx slots	27.35	27.36	27.28	28.50	24.35	24.36	24.28	25.50
EDGE 1 Tx slot	26.41	26.34	26.30	27.50	17.41	17.34	17.30	18.50
EDGE 2 Tx slots	25.05	24.92	25.04	26.50	19.05	18.92	19.04	20.50
EDGE 3 Tx slots	23.59	23.61	23.54	25.00	19.33	19.35	19.28	20.74
EDGE 4 Tx slots	21.64	21.69	21.67	23.00	18.64	18.69	18.67	20.00

【GSM1900_DSI 4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.22	30.23	30.17	30.50	21.22	21.23	21.17	21.50
GPRS 1 Tx slot	30.07	30.24	30.18	30.50	21.07	21.24	21.18	21.50
GPRS 2 Tx slots	27.98	28.13	28.07	28.50	21.98	22.13	22.07	22.50
GPRS 3 Tx slots	26.48	26.61	26.50	27.00	22.22	22.35	22.24	22.74
GPRS 4 Tx slots	25.06	25.03	25.11	26.00	22.06	22.03	22.11	23.00
EDGE 1 Tx slot	26.32	26.34	26.29	27.00	17.32	17.34	17.29	18.00
EDGE 2 Tx slots	25.16	25.24	25.19	26.00	19.16	19.24	19.19	20.00
EDGE 3 Tx slots	23.73	23.83	23.81	24.50	19.47	19.57	19.55	20.24
EDGE 4 Tx slots	21.63	21.66	21.64	22.00	18.63	18.66	18.64	19.00

【GSM1900_DSI 7】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.15	25.71	25.82	27.00	16.15	16.71	16.82	18.00
GPRS 1 Tx slot	25.09	25.68	25.97	27.00	16.09	16.68	16.97	18.00
GPRS 2 Tx slots	22.40	23.02	22.45	24.00	16.40	17.02	16.45	18.00
GPRS 3 Tx slots	20.28	20.31	21.00	22.00	16.02	16.05	16.74	17.74
GPRS 4 Tx slots	19.13	19.74	19.83	21.00	16.13	16.74	16.83	18.00
EDGE 1 Tx slot	25.22	25.83	25.56	26.50	16.22	16.83	16.56	17.50
EDGE 2 Tx slots	21.93	22.81	22.48	23.50	15.93	16.81	16.48	17.50
EDGE 3 Tx slots	20.21	20.88	20.61	21.50	15.95	16.62	16.35	17.24
EDGE 4 Tx slots	18.95	19.91	19.36	20.50	15.95	16.91	16.36	17.50

【GSM1900_DSI 3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.66	29.36	29.15	29.50	19.66	20.36	20.15	20.50
GPRS 1 Tx slot	28.68	29.44	29.18	29.50	19.68	20.44	20.18	20.50
GPRS 2 Tx slots	25.21	26.10	25.82	26.50	19.21	20.10	19.82	20.50
GPRS 3 Tx slots	23.60	24.38	24.10	24.50	19.34	20.12	19.84	20.24
GPRS 4 Tx slots	22.31	22.80	22.95	23.50	19.31	19.80	19.95	20.50
EDGE 1 Tx slot	26.32	26.34	26.29	27.00	17.32	17.34	17.29	18.00
EDGE 2 Tx slots	25.16	25.24	25.19	26.00	19.16	19.24	19.19	20.00
EDGE 3 Tx slots	23.73	23.83	23.81	24.50	19.47	19.57	19.55	20.24
EDGE 4 Tx slots	21.63	21.66	21.64	22.00	18.63	18.66	18.64	19.00

【GSM1900_DSI 6】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.40	29.90	29.70	30.00	20.40	20.90	20.70	21.00
GPRS 1 Tx slot	29.39	29.80	30.00	30.00	20.39	20.80	21.00	21.00
GPRS 2 Tx slots	25.82	26.70	25.98	27.00	19.82	20.70	19.98	21.00
GPRS 3 Tx slots	24.30	24.80	24.46	25.00	20.04	20.54	20.20	20.74
GPRS 4 Tx slots	23.07	23.25	23.32	25.00	20.07	20.25	20.32	22.00
EDGE 1 Tx slot	26.32	26.34	26.29	27.00	17.32	17.34	17.29	18.00
EDGE 2 Tx slots	25.16	25.24	25.19	26.00	19.16	19.24	19.19	20.00
EDGE 3 Tx slots	23.73	23.83	23.81	24.50	19.47	19.57	19.55	20.24
EDGE 4 Tx slots	21.63	21.66	21.64	22.00	18.63	18.66	18.64	19.00

【GSM1900_DSI 2】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.22	30.23	30.17	30.50	21.22	21.23	21.17	21.50
GPRS 1 Tx slot	30.07	30.24	30.18	30.50	21.07	21.24	21.18	21.50
GPRS 2 Tx slots	27.98	28.13	28.07	28.50	21.98	22.13	22.07	22.50
GPRS 3 Tx slots	26.48	26.61	26.50	27.00	22.22	22.35	22.24	22.74
GPRS 4 Tx slots	25.06	25.03	25.11	26.00	22.06	22.03	22.11	23.00
EDGE 1 Tx slot	26.32	26.34	26.29	27.00	17.32	17.34	17.29	18.00
EDGE 2 Tx slots	25.16	25.24	25.19	26.00	19.16	19.24	19.19	20.00
EDGE 3 Tx slots	23.73	23.83	23.81	24.50	19.47	19.57	19.55	20.24
EDGE 4 Tx slots	21.63	21.66	21.64	22.00	18.63	18.66	18.64	19.00

<WCDMA Conducted Power>

【WCDMA II_DSI 4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.06	23.11	23.07	24.00
3GPP Rel 99	RMC 12.2Kbps	23.19	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	22.20	22.26	22.15	23.00
3GPP Rel 6	HSDPA Subtest-2	22.11	22.23	22.09	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.75	21.61	22.50
3GPP Rel 6	HSDPA Subtest-4	21.70	21.74	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.45	22.59	22.54	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.53	22.57	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.02	22.08	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.03	22.07	22.06	22.50
3GPP Rel 6	HSUPA Subtest-1	22.22	22.24	22.11	23.00
3GPP Rel 6	HSUPA Subtest-2	20.16	20.22	20.07	21.00
3GPP Rel 6	HSUPA Subtest-3	21.12	21.23	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.19	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.75	21.87	21.74	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.44	20.44	20.50

【WCDMA II_DSI 7】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.30	17.40	17.39	18.00
3GPP Rel 99	RMC 12.2Kbps	17.33	17.43	17.42	18.00
3GPP Rel 6	HSDPA Subtest-1	16.24	16.27	16.22	17.00
3GPP Rel 6	HSDPA Subtest-2	16.24	15.93	16.20	17.00
3GPP Rel 6	HSDPA Subtest-3	15.75	15.74	15.70	16.50
3GPP Rel 6	HSDPA Subtest-4	15.72	15.79	15.68	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.51	16.68	16.52	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.62	16.58	16.43	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.12	16.09	16.06	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.13	16.14	16.03	16.50
3GPP Rel 6	HSUPA Subtest-1	16.21	16.22	16.13	17.00
3GPP Rel 6	HSUPA Subtest-2	14.21	14.30	14.13	15.00
3GPP Rel 6	HSUPA Subtest-3	15.09	15.27	15.14	16.00
3GPP Rel 6	HSUPA Subtest-4	14.22	14.22	14.19	15.00
3GPP Rel 6	HSUPA Subtest-5	15.73	15.96	15.79	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.59	14.40	14.54	15.00

【WCDMA II_DSI 3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.60	19.70	19.69	20.50
3GPP Rel 99	RMC 12.2Kbps	19.63	19.73	19.72	20.50
3GPP Rel 6	HSDPA Subtest-1	18.54	18.57	18.52	19.50
3GPP Rel 6	HSDPA Subtest-2	18.54	18.23	18.50	19.50
3GPP Rel 6	HSDPA Subtest-3	18.05	18.04	18.00	19.00
3GPP Rel 6	HSDPA Subtest-4	18.02	18.09	17.98	19.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.81	18.98	18.82	19.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.92	18.88	18.73	19.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.42	18.39	18.36	19.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.43	18.44	18.33	19.00
3GPP Rel 6	HSUPA Subtest-1	18.51	18.52	18.43	19.50
3GPP Rel 6	HSUPA Subtest-2	16.51	16.60	16.43	17.50
3GPP Rel 6	HSUPA Subtest-3	17.39	17.57	17.44	18.50
3GPP Rel 6	HSUPA Subtest-4	16.52	16.52	16.49	17.50
3GPP Rel 6	HSUPA Subtest-5	18.03	18.26	18.09	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.89	16.70	16.84	17.00

【WCDMA II_DSI 6】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.68	20.70	20.66	21.50
3GPP Rel 99	RMC 12.2Kbps	20.71	20.73	20.67	21.50
3GPP Rel 6	HSDPA Subtest-1	19.73	19.73	19.73	20.50
3GPP Rel 6	HSDPA Subtest-2	19.73	19.76	19.71	20.50
3GPP Rel 6	HSDPA Subtest-3	19.23	19.25	19.21	20.00
3GPP Rel 6	HSDPA Subtest-4	19.26	19.27	19.23	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.88	19.89	19.85	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.94	19.98	19.88	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.41	19.41	19.40	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.38	19.50	19.39	20.00
3GPP Rel 6	HSUPA Subtest-1	19.51	19.68	19.43	20.50
3GPP Rel 6	HSUPA Subtest-2	17.59	17.55	17.44	18.50
3GPP Rel 6	HSUPA Subtest-3	18.42	18.53	18.44	19.50
3GPP Rel 6	HSUPA Subtest-4	17.47	17.58	17.38	18.50
3GPP Rel 6	HSUPA Subtest-5	19.07	19.21	19.15	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.89	17.76	17.79	18.00

【WCDMA II_DSI 2】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.06	23.11	23.07	24.00
3GPP Rel 99	RMC 12.2Kbps	23.19	23.26	23.25	24.00
3GPP Rel 6	HSDPA Subtest-1	22.20	22.26	22.15	23.00
3GPP Rel 6	HSDPA Subtest-2	22.11	22.23	22.09	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.75	21.61	22.50
3GPP Rel 6	HSDPA Subtest-4	21.70	21.74	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.45	22.59	22.54	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.53	22.57	22.45	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.02	22.08	22.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.03	22.07	22.06	22.50
3GPP Rel 6	HSUPA Subtest-1	22.22	22.24	22.11	23.00
3GPP Rel 6	HSUPA Subtest-2	20.16	20.22	20.07	21.00
3GPP Rel 6	HSUPA Subtest-3	21.12	21.23	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.19	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.75	21.87	21.74	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.44	20.44	20.50

【WCDMA IV_DSI 4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.18	23.14	24.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.19	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.17	22.09	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.19	22.06	23.00
3GPP Rel 6	HSDPA Subtest-3	21.54	21.63	21.60	22.50
3GPP Rel 6	HSDPA Subtest-4	21.59	21.70	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.35	22.57	22.58	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.55	22.55	22.39	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.95	22.08	22.08	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.03	22.09	21.96	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.13	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.08	20.11	20.07	21.00
3GPP Rel 6	HSUPA Subtest-3	21.02	21.12	21.04	22.00
3GPP Rel 6	HSUPA Subtest-4	19.97	20.07	20.01	21.00
3GPP Rel 6	HSUPA Subtest-5	22.05	22.11	22.00	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.43	20.40	20.40	20.50

【WCDMA IV_DSI 7】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.40	17.45	17.42	18.50
3GPP Rel 99	RMC 12.2Kbps	17.42	17.49	17.47	18.50
3GPP Rel 6	HSDPA Subtest-1	16.47	16.51	16.52	17.50
3GPP Rel 6	HSDPA Subtest-2	16.40	16.45	16.49	17.50
3GPP Rel 6	HSDPA Subtest-3	15.90	15.93	15.98	17.00
3GPP Rel 6	HSDPA Subtest-4	15.93	15.96	15.97	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.84	16.94	17.05	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.90	16.89	16.88	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.31	16.57	16.51	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.52	16.50	16.32	17.00
3GPP Rel 6	HSUPA Subtest-1	16.44	16.51	16.52	17.50
3GPP Rel 6	HSUPA Subtest-2	14.51	14.51	14.54	15.50
3GPP Rel 6	HSUPA Subtest-3	15.43	15.51	15.52	16.50
3GPP Rel 6	HSUPA Subtest-4	14.33	14.42	14.40	15.50
3GPP Rel 6	HSUPA Subtest-5	16.41	16.60	16.39	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.88	14.80	14.86	15.00

【WCDMA IV_DSI 3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.77	19.95	19.90	21.00
3GPP Rel 99	RMC 12.2Kbps	19.81	19.97	19.91	21.00
3GPP Rel 6	HSDPA Subtest-1	18.81	18.96	18.96	20.00
3GPP Rel 6	HSDPA Subtest-2	18.92	18.96	18.97	20.00
3GPP Rel 6	HSDPA Subtest-3	18.42	18.47	18.41	19.50
3GPP Rel 6	HSDPA Subtest-4	18.49	18.45	18.44	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.25	19.35	19.35	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.38	19.34	19.26	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.82	18.98	18.98	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.94	19.00	18.83	19.50
3GPP Rel 6	HSUPA Subtest-1	18.89	18.93	18.86	20.00
3GPP Rel 6	HSUPA Subtest-2	16.97	16.99	16.93	18.00
3GPP Rel 6	HSUPA Subtest-3	17.79	18.03	17.91	19.00
3GPP Rel 6	HSUPA Subtest-4	16.81	16.87	16.92	18.00
3GPP Rel 6	HSUPA Subtest-5	18.84	19.00	18.86	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.24	17.20	17.25	17.50

【WCDMA IV_DSI 6】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.35	20.42	20.40	22.00
3GPP Rel 99	RMC 12.2Kbps	20.37	20.46	20.42	22.00
3GPP Rel 6	HSDPA Subtest-1	19.42	19.46	19.43	21.00
3GPP Rel 6	HSDPA Subtest-2	19.40	19.43	19.49	21.00
3GPP Rel 6	HSDPA Subtest-3	18.91	18.94	18.95	20.50
3GPP Rel 6	HSDPA Subtest-4	18.95	18.98	18.91	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.68	19.93	19.95	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.94	19.85	19.82	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.32	19.52	19.49	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.43	19.45	19.28	20.50
3GPP Rel 6	HSUPA Subtest-1	19.30	19.55	19.42	21.00
3GPP Rel 6	HSUPA Subtest-2	17.38	17.47	17.45	19.00
3GPP Rel 6	HSUPA Subtest-3	18.33	18.42	18.43	20.00
3GPP Rel 6	HSUPA Subtest-4	17.40	17.43	17.32	19.00
3GPP Rel 6	HSUPA Subtest-5	19.41	19.40	19.30	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.72	17.75	17.70	18.50

【WCDMA IV_DSI 2】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.18	23.14	24.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.19	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.17	22.09	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.19	22.06	23.00
3GPP Rel 6	HSDPA Subtest-3	21.54	21.63	21.60	22.50
3GPP Rel 6	HSDPA Subtest-4	21.59	21.70	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.35	22.57	22.58	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.55	22.55	22.39	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.95	22.08	22.08	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.03	22.09	21.96	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.13	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.08	20.11	20.07	21.00
3GPP Rel 6	HSUPA Subtest-3	21.02	21.12	21.04	22.00
3GPP Rel 6	HSUPA Subtest-4	19.97	20.07	20.01	21.00
3GPP Rel 6	HSUPA Subtest-5	22.05	22.11	22.00	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.43	20.40	20.40	20.50

【WCDMA V_DSI 4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.71	22.74	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.73	22.75	22.66	24.00
3GPP Rel 6	HSDPA Subtest-1	21.56	21.68	21.59	23.00
3GPP Rel 6	HSDPA Subtest-2	21.64	21.66	21.53	23.00
3GPP Rel 6	HSDPA Subtest-3	21.03	21.17	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	21.15	21.27	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.01	22.06	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.06	22.04	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.47	21.57	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.48	21.63	21.63	22.50
3GPP Rel 6	HSUPA Subtest-1	21.62	21.65	21.57	23.00
3GPP Rel 6	HSUPA Subtest-2	19.65	19.73	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	20.59	20.68	20.65	22.00
3GPP Rel 6	HSUPA Subtest-4	19.62	19.67	19.60	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.64	21.56	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.12	20.04	20.50

【WCDMA V_DSI 7】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.40	22.46	22.37	23.50
3GPP Rel 99	RMC 12.2Kbps	22.48	22.50	22.40	23.50
3GPP Rel 6	HSDPA Subtest-1	21.56	21.53	21.46	22.50
3GPP Rel 6	HSDPA Subtest-2	21.50	21.52	21.45	22.50
3GPP Rel 6	HSDPA Subtest-3	20.99	21.04	20.98	22.00
3GPP Rel 6	HSDPA Subtest-4	20.98	21.04	20.91	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.94	21.99	22.05	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.98	22.03	22.02	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.49	21.58	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.44	21.52	21.57	22.00
3GPP Rel 6	HSUPA Subtest-1	21.53	21.49	21.50	22.50
3GPP Rel 6	HSUPA Subtest-2	19.50	19.57	19.62	20.50
3GPP Rel 6	HSUPA Subtest-3	20.48	20.62	20.64	21.50
3GPP Rel 6	HSUPA Subtest-4	19.50	19.60	19.54	20.50
3GPP Rel 6	HSUPA Subtest-5	21.47	21.49	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.89	20.06	20.02	20.50

【WCDMA V_DSI 3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.40	22.46	22.37	23.50
3GPP Rel 99	RMC 12.2Kbps	22.48	22.50	22.40	23.50
3GPP Rel 6	HSDPA Subtest-1	21.56	21.53	21.46	22.50
3GPP Rel 6	HSDPA Subtest-2	21.50	21.52	21.45	22.50
3GPP Rel 6	HSDPA Subtest-3	20.99	21.04	20.98	22.00
3GPP Rel 6	HSDPA Subtest-4	20.98	21.04	20.91	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.94	21.99	22.05	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.98	22.03	22.02	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.49	21.58	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.44	21.52	21.57	22.00
3GPP Rel 6	HSUPA Subtest-1	21.53	21.49	21.50	22.50
3GPP Rel 6	HSUPA Subtest-2	19.50	19.57	19.62	20.50
3GPP Rel 6	HSUPA Subtest-3	20.48	20.62	20.64	21.50
3GPP Rel 6	HSUPA Subtest-4	19.50	19.60	19.54	20.50
3GPP Rel 6	HSUPA Subtest-5	21.47	21.49	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.89	20.06	20.02	20.50

【WCDMA V_DSI 6】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.71	22.74	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.73	22.75	22.66	24.00
3GPP Rel 6	HSDPA Subtest-1	21.56	21.68	21.59	23.00
3GPP Rel 6	HSDPA Subtest-2	21.64	21.66	21.53	23.00
3GPP Rel 6	HSDPA Subtest-3	21.03	21.17	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	21.15	21.27	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.01	22.06	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.06	22.04	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.47	21.57	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.48	21.63	21.63	22.50
3GPP Rel 6	HSUPA Subtest-1	21.62	21.65	21.57	23.00
3GPP Rel 6	HSUPA Subtest-2	19.65	19.73	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	20.59	20.68	20.65	22.00
3GPP Rel 6	HSUPA Subtest-4	19.62	19.67	19.60	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.64	21.56	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.12	20.04	20.50

【WCDMA V_DSI 2】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.71	22.74	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.73	22.75	22.66	24.00
3GPP Rel 6	HSDPA Subtest-1	21.56	21.68	21.59	23.00
3GPP Rel 6	HSDPA Subtest-2	21.64	21.66	21.53	23.00
3GPP Rel 6	HSDPA Subtest-3	21.03	21.17	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	21.15	21.27	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.01	22.06	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.06	22.04	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.47	21.57	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.48	21.63	21.63	22.50
3GPP Rel 6	HSUPA Subtest-1	21.62	21.65	21.57	23.00
3GPP Rel 6	HSUPA Subtest-2	19.65	19.73	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	20.59	20.68	20.65	22.00
3GPP Rel 6	HSUPA Subtest-4	19.62	19.67	19.60	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.64	21.56	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.12	20.04	20.50

<LTE Conducted Power>

【LTE Band 2_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.98	23.02	22.85	24.00
20	QPSK	1	49	23.04	23.13	22.92	24.00
20	QPSK	1	99	23.00	23.11	22.90	24.00
20	QPSK	50	0	22.10	22.14	21.95	23.00
20	QPSK	50	24	22.11	22.16	22.05	23.00
20	QPSK	50	50	21.97	22.08	21.91	23.00
20	QPSK	100	0	22.01	22.13	22.02	23.00
20	16QAM	1	0	22.26	22.39	22.15	23.00
20	16QAM	1	49	22.36	22.37	22.17	23.00
20	16QAM	1	99	22.25	22.33	22.12	23.00
20	16QAM	50	0	21.05	21.06	20.91	22.00
20	16QAM	50	24	21.08	21.15	20.93	22.00
20	16QAM	50	50	21.06	21.19	21.03	22.00
20	16QAM	100	0	21.06	21.21	21.02	22.00
20	64QAM	1	0	21.27	21.31	21.13	22.00
20	64QAM	1	49	21.12	21.27	21.15	22.00
20	64QAM	1	99	21.20	21.29	21.08	22.00
20	64QAM	50	0	19.99	20.09	19.85	21.00
20	64QAM	50	24	20.05	20.14	19.89	21.00
20	64QAM	50	50	19.99	20.14	19.96	21.00
20	64QAM	100	0	20.10	20.21	20.04	21.00
20	256QAM	1	0	18.15	18.16	18.02	19.00
20	256QAM	1	49	18.24	18.29	18.17	19.00
20	256QAM	1	99	18.13	18.24	18.02	19.00
20	256QAM	50	0	17.99	18.14	17.90	19.00
20	256QAM	50	24	17.92	18.07	17.85	19.00
20	256QAM	50	50	18.18	18.20	18.04	19.00
20	256QAM	100	0	18.10	18.16	17.96	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.92	23.01	22.78	24.00
15	QPSK	1	37	22.89	23.06	22.80	24.00
15	QPSK	1	74	22.87	23.06	22.79	24.00
15	QPSK	36	0	21.98	21.99	21.92	23.00
15	QPSK	36	20	21.96	22.04	21.94	23.00
15	QPSK	36	39	21.94	21.93	21.90	23.00
15	QPSK	75	0	21.87	22.05	21.90	23.00
15	16QAM	1	0	22.15	22.32	22.08	23.00
15	16QAM	1	37	22.25	22.27	22.08	23.00
15	16QAM	1	74	22.19	22.31	22.02	23.00
15	16QAM	36	0	20.95	21.02	20.89	22.00
15	16QAM	36	20	21.07	21.02	20.79	22.00
15	16QAM	36	39	21.01	21.07	21.01	22.00
15	16QAM	75	0	20.99	21.06	21.01	22.00
15	64QAM	1	0	21.22	21.16	21.03	22.00
15	64QAM	1	37	21.08	21.18	21.13	22.00
15	64QAM	1	74	21.11	21.19	21.04	22.00
15	64QAM	36	0	19.84	20.02	19.79	21.00
15	64QAM	36	20	19.94	20.07	19.86	21.00
15	64QAM	36	39	19.86	19.99	19.94	21.00
15	64QAM	75	0	20.07	20.14	19.90	21.00
15	256QAM	1	0	18.14	18.11	17.89	19.00
15	256QAM	1	37	18.13	18.28	18.09	19.00
15	256QAM	1	74	18.03	18.22	17.96	19.00
15	256QAM	36	0	17.87	18.13	17.86	19.00
15	256QAM	36	20	17.87	18.02	17.78	19.00
15	256QAM	36	39	18.08	18.19	17.92	19.00
15	256QAM	75	0	17.99	18.05	17.95	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.83	22.93	22.80	24.00
10	QPSK	1	25	22.90	23.02	22.79	24.00
10	QPSK	1	49	22.89	23.04	22.83	24.00
10	QPSK	25	0	21.95	22.01	21.87	23.00
10	QPSK	25	12	22.07	22.13	22.04	23.00
10	QPSK	25	25	21.91	21.94	21.90	23.00

10	QPSK	50	0	21.95	22.12	21.97	23.00
10	16QAM	1	0	22.11	22.29	22.14	23.00
10	16QAM	1	25	22.26	22.31	22.10	23.00
10	16QAM	1	49	22.23	22.31	22.11	23.00
10	16QAM	25	0	20.97	21.01	20.83	22.00
10	16QAM	25	12	20.93	21.00	20.91	22.00
10	16QAM	25	25	20.99	21.18	21.02	22.00
10	16QAM	50	0	21.00	21.15	20.96	22.00
10	64QAM	1	0	21.15	21.17	20.99	22.00
10	64QAM	1	25	21.07	21.26	21.00	22.00
10	64QAM	1	49	21.19	21.14	21.04	22.00
10	64QAM	25	0	19.89	20.08	19.70	21.00
10	64QAM	25	12	19.98	20.00	19.84	21.00
10	64QAM	25	25	19.93	20.09	19.95	21.00
10	64QAM	50	0	20.02	20.20	20.03	21.00
10	256QAM	1	0	18.11	18.09	17.99	19.00
10	256QAM	1	25	18.09	18.17	18.03	19.00
10	256QAM	1	49	18.11	18.15	17.87	19.00
10	256QAM	25	0	17.84	18.08	17.80	19.00
10	256QAM	25	12	17.80	18.06	17.78	19.00
10	256QAM	25	25	18.09	18.09	18.03	19.00
10	256QAM	50	0	17.99	18.10	17.83	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.87	22.99	22.81	24.00
5	QPSK	1	12	22.95	23.05	22.89	24.00
5	QPSK	1	24	22.98	23.08	22.81	24.00
5	QPSK	12	0	22.06	22.01	21.89	23.00
5	QPSK	12	7	22.10	22.09	21.94	23.00
5	QPSK	12	13	21.87	22.06	21.78	23.00
5	QPSK	25	0	21.87	22.00	22.01	23.00
5	16QAM	1	0	22.24	22.36	22.04	23.00
5	16QAM	1	12	22.25	22.23	22.05	23.00
5	16QAM	1	24	22.15	22.32	21.97	23.00
5	16QAM	12	0	20.92	21.01	20.88	22.00
5	16QAM	12	7	21.03	21.07	20.85	22.00
5	16QAM	12	13	20.97	21.12	21.02	22.00
5	16QAM	25	0	21.05	21.06	20.98	22.00
5	64QAM	1	0	21.20	21.22	21.00	22.00
5	64QAM	1	12	21.09	21.15	21.09	22.00
5	64QAM	1	24	21.06	21.23	20.94	22.00
5	64QAM	12	0	19.87	19.98	19.70	21.00
5	64QAM	12	7	20.04	20.08	19.76	21.00
5	64QAM	12	13	19.95	20.11	19.88	21.00
5	64QAM	25	0	19.96	20.20	20.01	21.00
5	256QAM	1	0	18.06	18.06	17.99	19.00
5	256QAM	1	12	18.23	18.17	18.03	19.00
5	256QAM	1	24	18.06	18.11	17.97	19.00
5	256QAM	12	0	17.86	18.12	17.85	19.00
5	256QAM	12	7	17.86	17.98	17.79	19.00
5	256QAM	12	13	18.04	18.11	17.90	19.00
5	256QAM	25	0	17.95	18.05	17.82	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.93	22.88	22.79	24.00
3	QPSK	1	8	23.03	22.99	22.87	24.00
3	QPSK	1	14	22.94	22.97	22.78	24.00
3	QPSK	8	0	22.07	22.06	21.91	23.00
3	QPSK	8	4	22.02	22.01	21.97	23.00
3	QPSK	8	7	21.94	21.93	21.81	23.00
3	QPSK	15	0	21.86	22.09	21.89	23.00
3	16QAM	1	0	22.11	22.26	22.07	23.00
3	16QAM	1	8	22.35	22.36	22.03	23.00
3	16QAM	1	14	22.19	22.20	22.01	23.00
3	16QAM	8	0	21.01	20.97	20.78	22.00
3	16QAM	8	4	20.94	21.11	20.83	22.00
3	16QAM	8	7	21.05	21.04	21.01	22.00
3	16QAM	15	0	21.05	21.20	20.96	22.00
3	64QAM	1	0	21.26	21.21	21.01	22.00
3	64QAM	1	8	21.05	21.15	21.10	22.00
3	64QAM	1	14	21.16	21.23	21.06	22.00
3	64QAM	8	0	19.93	20.02	19.74	21.00
3	64QAM	8	4	20.01	20.12	19.76	21.00
3	64QAM	8	7	19.86	20.06	19.92	21.00
3	64QAM	15	0	19.96	20.16	19.97	21.00
3	256QAM	1	0	18.12	18.10	17.90	19.00
3	256QAM	1	8	18.17	18.18	18.13	19.00
3	256QAM	1	14	18.05	18.21	18.01	19.00

3	256QAM	8	0	17.85	18.12	17.75	19.00
3	256QAM	8	4	17.81	18.00	17.81	19.00
3	256QAM	8	7	18.11	18.06	18.03	19.00
3	256QAM	15	0	18.09	18.06	17.82	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.90	22.78	22.79	24.00
1.4	QPSK	1	3	22.93	22.89	22.78	24.00
1.4	QPSK	1	5	22.90	22.89	22.83	24.00
1.4	QPSK	3	0	22.93	22.90	22.87	24.00
1.4	QPSK	3	1	22.93	23.12	22.84	24.00
1.4	QPSK	3	3	22.79	22.96	22.75	24.00
1.4	QPSK	6	0	21.84	22.01	21.75	23.00
1.4	16QAM	1	0	21.99	22.21	21.95	23.00
1.4	16QAM	1	3	22.18	22.28	21.99	23.00
1.4	16QAM	1	5	22.07	22.26	21.94	23.00
1.4	16QAM	3	0	21.94	21.93	21.76	23.00
1.4	16QAM	3	1	21.94	21.91	21.75	23.00
1.4	16QAM	3	3	21.94	21.95	21.91	23.00
1.4	16QAM	6	0	20.84	21.05	20.80	22.00
1.4	64QAM	1	0	21.18	21.21	21.06	22.00
1.4	64QAM	1	3	20.99	21.13	21.04	22.00
1.4	64QAM	1	5	20.96	21.05	20.93	22.00
1.4	64QAM	3	0	20.73	20.80	20.63	22.00
1.4	64QAM	3	1	20.86	20.97	20.57	22.00
1.4	64QAM	3	3	20.77	20.99	20.83	22.00
1.4	64QAM	6	0	19.88	20.11	19.91	21.00
1.4	256QAM	1	0	18.04	17.93	17.81	19.00
1.4	256QAM	1	3	18.02	18.08	17.94	19.00
1.4	256QAM	1	5	17.88	18.08	17.87	19.00
1.4	256QAM	3	0	17.82	17.95	17.83	19.00
1.4	256QAM	3	1	17.83	17.88	17.77	19.00
1.4	256QAM	3	3	18.00	18.03	17.94	19.00
1.4	256QAM	6	0	17.97	17.95	17.82	19.00

【LTE Band 2_Ant 0_PA_Reference Designator_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.97	23.03	22.92	24.00
20	QPSK	1	49	23.04	23.05	22.96	24.00
20	QPSK	1	99	22.84	22.88	22.84	24.00
20	QPSK	50	0	21.80	21.95	21.91	23.00
20	QPSK	50	24	21.96	22.00	21.93	23.00
20	QPSK	50	50	21.95	21.97	21.82	23.00
20	QPSK	100	0	21.84	21.92	21.77	23.00
20	16QAM	1	0	21.87	21.97	21.82	23.00
20	16QAM	1	49	21.85	21.96	21.87	23.00
20	16QAM	1	99	21.71	21.84	21.81	23.00
20	16QAM	50	0	20.79	20.90	20.86	22.00
20	16QAM	50	24	20.87	20.93	20.80	22.00
20	16QAM	50	50	20.91	20.97	20.84	22.00
20	16QAM	100	0	20.87	20.96	20.93	22.00
20	64QAM	1	0	20.81	20.82	20.74	22.00
20	64QAM	1	49	20.80	20.94	20.85	22.00
20	64QAM	1	99	20.75	20.79	20.74	22.00
20	64QAM	50	0	19.80	19.94	19.89	21.00
20	64QAM	50	24	19.91	19.92	19.82	21.00
20	64QAM	50	50	19.97	20.07	20.04	21.00
20	64QAM	100	0	19.91	19.96	19.83	21.00
20	256QAM	1	0	18.01	18.16	18.15	19.00
20	256QAM	1	49	18.05	18.11	18.07	19.00
20	256QAM	1	99	18.14	18.15	18.01	19.00
20	256QAM	50	0	18.04	18.10	18.05	19.00
20	256QAM	50	24	18.00	18.06	17.91	19.00
20	256QAM	50	50	18.08	18.09	18.07	19.00
20	256QAM	100	0	17.95	18.09	18.04	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.91	22.90	22.81	24.00
15	QPSK	1	37	22.99	22.90	22.87	24.00
15	QPSK	1	74	22.79	22.84	22.74	24.00

15	QPSK	36	0	21.73	21.94	21.81	23.00
15	QPSK	36	20	21.84	21.96	21.80	23.00
15	QPSK	36	39	21.94	21.95	21.77	23.00
15	QPSK	75	0	21.83	21.78	21.67	23.00
15	16QAM	1	0	21.86	21.85	21.68	23.00
15	16QAM	1	37	21.70	21.86	21.80	23.00
15	16QAM	1	74	21.68	21.79	21.71	23.00
15	16QAM	36	0	20.65	20.75	20.79	22.00
15	16QAM	36	20	20.81	20.84	20.66	22.00
15	16QAM	36	39	20.81	20.93	20.79	22.00
15	16QAM	75	0	20.75	20.88	20.85	22.00
15	64QAM	1	0	20.78	20.69	20.68	22.00
15	64QAM	1	37	20.73	20.88	20.78	22.00
15	64QAM	1	74	20.65	20.65	20.71	22.00
15	64QAM	36	0	19.74	19.89	19.86	21.00
15	64QAM	36	20	19.80	19.80	19.70	21.00
15	64QAM	36	39	19.83	19.93	20.01	21.00
15	64QAM	75	0	19.90	19.85	19.75	21.00
15	256QAM	1	0	17.94	18.05	18.08	19.00
15	256QAM	1	37	17.92	18.06	18.06	19.00
15	256QAM	1	74	18.06	18.09	17.88	19.00
15	256QAM	36	0	17.97	18.04	17.97	19.00
15	256QAM	36	20	17.95	18.02	17.85	19.00
15	256QAM	36	39	17.93	18.04	18.06	19.00
15	256QAM	75	0	17.90	18.07	17.89	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.90	22.88	22.84	24.00
10	QPSK	1	25	22.91	22.96	22.89	24.00
10	QPSK	1	49	22.74	22.79	22.83	24.00
10	QPSK	25	0	21.67	21.94	21.86	23.00
10	QPSK	25	12	21.81	21.99	21.83	23.00
10	QPSK	25	25	21.89	21.96	21.80	23.00
10	QPSK	50	0	21.74	21.83	21.71	23.00
10	16QAM	1	0	21.75	21.90	21.72	23.00
10	16QAM	1	25	21.79	21.92	21.84	23.00
10	16QAM	1	49	21.61	21.70	21.79	23.00
10	16QAM	25	0	20.78	20.88	20.77	22.00
10	16QAM	25	12	20.80	20.78	20.76	22.00
10	16QAM	25	25	20.78	20.89	20.79	22.00
10	16QAM	50	0	20.86	20.86	20.78	22.00
10	64QAM	1	0	20.67	20.75	20.65	22.00
10	64QAM	1	25	20.72	20.89	20.84	22.00
10	64QAM	1	49	20.69	20.70	20.67	22.00
10	64QAM	25	0	19.73	19.87	19.81	21.00
10	64QAM	25	12	19.89	19.91	19.73	21.00
10	64QAM	25	25	19.87	19.99	19.91	21.00
10	64QAM	50	0	19.83	19.82	19.71	21.00
10	256QAM	1	0	17.87	18.07	18.00	19.00
10	256QAM	1	25	17.98	18.08	18.01	19.00
10	256QAM	1	49	18.11	18.13	17.91	19.00
10	256QAM	25	0	17.91	17.95	17.91	19.00
10	256QAM	25	12	17.90	17.93	17.87	19.00
10	256QAM	25	25	18.01	18.07	18.06	19.00
10	256QAM	50	0	17.83	17.97	17.96	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.83	22.90	22.90	24.00
5	QPSK	1	12	22.91	22.99	22.86	24.00
5	QPSK	1	24	22.74	22.78	22.78	24.00
5	QPSK	12	0	21.76	21.80	21.77	23.00
5	QPSK	12	7	21.87	21.96	21.86	23.00
5	QPSK	12	13	21.90	21.91	21.80	23.00
5	QPSK	25	0	21.76	21.81	21.62	23.00
5	16QAM	1	0	21.74	21.86	21.68	23.00
5	16QAM	1	12	21.74	21.87	21.77	23.00
5	16QAM	1	24	21.70	21.80	21.75	23.00
5	16QAM	12	0	20.68	20.84	20.84	22.00
5	16QAM	12	7	20.82	20.84	20.69	22.00
5	16QAM	12	13	20.76	20.86	20.82	22.00
5	16QAM	25	0	20.75	20.90	20.79	22.00
5	64QAM	1	0	20.78	20.77	20.66	22.00
5	64QAM	1	12	20.71	20.83	20.71	22.00
5	64QAM	1	24	20.64	20.71	20.68	22.00
5	64QAM	12	0	19.74	19.91	19.78	21.00
5	64QAM	12	7	19.89	19.81	19.73	21.00
5	64QAM	12	13	19.85	19.95	19.97	21.00
5	64QAM	25	0	19.86	19.88	19.79	21.00

5	256QAM	1	0	17.87	18.04	18.12	19.00
5	256QAM	1	12	17.96	18.07	17.99	19.00
5	256QAM	1	24	18.10	18.01	17.87	19.00
5	256QAM	12	0	17.92	18.01	17.90	19.00
5	256QAM	12	7	17.92	18.03	17.89	19.00
5	256QAM	12	13	18.07	18.02	18.00	19.00
5	256QAM	25	0	17.89	17.95	17.96	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.86	22.91	22.90	24.00
3	QPSK	1	8	23.01	22.95	22.91	24.00
3	QPSK	1	14	22.71	22.80	22.77	24.00
3	QPSK	8	0	21.68	21.89	21.89	23.00
3	QPSK	8	4	21.88	21.99	21.78	23.00
3	QPSK	8	7	21.92	21.84	21.76	23.00
3	QPSK	15	0	21.72	21.90	21.68	23.00
3	16QAM	1	0	21.74	21.91	21.71	23.00
3	16QAM	1	8	21.79	21.93	21.83	23.00
3	16QAM	1	14	21.62	21.76	21.72	23.00
3	16QAM	8	0	20.74	20.82	20.85	22.00
3	16QAM	8	4	20.81	20.89	20.73	22.00
3	16QAM	8	7	20.84	20.84	20.72	22.00
3	16QAM	15	0	20.84	20.85	20.86	22.00
3	64QAM	1	0	20.69	20.81	20.60	22.00
3	64QAM	1	8	20.70	20.79	20.75	22.00
3	64QAM	1	14	20.70	20.68	20.69	22.00
3	64QAM	8	0	19.76	19.88	19.82	21.00
3	64QAM	8	4	19.77	19.77	19.69	21.00
3	64QAM	8	7	19.96	19.95	19.93	21.00
3	64QAM	15	0	19.87	19.94	19.79	21.00
3	256QAM	1	0	17.97	18.08	18.01	19.00
3	256QAM	1	8	18.02	17.98	18.00	19.00
3	256QAM	1	14	18.04	18.09	17.99	19.00
3	256QAM	8	0	17.93	17.98	17.96	19.00
3	256QAM	8	4	17.97	17.96	17.86	19.00
3	256QAM	8	7	18.06	18.06	17.97	19.00
3	256QAM	15	0	17.80	18.07	18.00	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.75	22.75	22.72	24.00
1.4	QPSK	1	3	22.90	22.76	22.68	24.00
1.4	QPSK	1	5	22.76	22.70	22.73	24.00
1.4	QPSK	3	0	22.56	22.73	22.74	24.00
1.4	QPSK	3	1	22.71	22.81	22.83	24.00
1.4	QPSK	3	3	22.88	22.67	22.76	24.00
1.4	QPSK	6	0	21.53	21.67	21.63	23.00
1.4	16QAM	1	0	21.68	21.83	21.60	23.00
1.4	16QAM	1	3	21.72	21.73	21.65	23.00
1.4	16QAM	1	5	21.70	21.62	21.61	23.00
1.4	16QAM	3	0	21.65	21.88	21.70	23.00
1.4	16QAM	3	1	21.73	21.79	21.55	23.00
1.4	16QAM	3	3	21.82	21.93	21.53	23.00
1.4	16QAM	6	0	20.81	20.77	20.75	22.00
1.4	64QAM	1	0	20.73	20.70	20.53	22.00
1.4	64QAM	1	3	20.65	20.79	20.69	22.00
1.4	64QAM	1	5	20.60	20.57	20.67	22.00
1.4	64QAM	3	0	20.55	20.76	20.84	22.00
1.4	64QAM	3	1	20.66	20.63	20.57	22.00
1.4	64QAM	3	3	20.81	20.84	20.82	22.00
1.4	64QAM	6	0	19.74	19.85	19.59	21.00
1.4	256QAM	1	0	17.89	18.00	17.87	19.00
1.4	256QAM	1	3	17.88	17.99	17.94	19.00
1.4	256QAM	1	5	17.98	17.87	17.93	19.00
1.4	256QAM	3	0	17.85	17.93	17.83	19.00
1.4	256QAM	3	1	17.78	17.80	17.83	19.00
1.4	256QAM	3	3	17.90	17.84	18.03	19.00
1.4	256QAM	6	0	17.72	17.88	17.94	19.00

【LTE Band 2_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	18.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.10	17.15	17.02	18.00
20	QPSK	1	49	17.13	17.18	17.05	18.00
20	QPSK	1	99	17.04	17.12	17.00	18.00
20	QPSK	50	0	17.08	17.04	16.95	18.00
20	QPSK	50	24	17.11	17.16	17.02	18.00
20	QPSK	50	50	17.10	17.12	16.91	18.00
20	QPSK	100	0	17.10	17.14	17.00	18.00
20	16QAM	1	0	16.98	17.08	16.97	18.00
20	16QAM	1	49	17.04	17.17	17.01	18.00
20	16QAM	1	99	17.04	17.03	16.90	18.00
20	16QAM	50	0	16.97	17.15	16.98	18.00
20	16QAM	50	24	17.09	17.15	17.04	18.00
20	16QAM	50	50	17.12	17.04	17.02	18.00
20	16QAM	100	0	17.09	17.14	16.95	18.00
20	64QAM	1	0	16.97	17.16	17.01	18.00
20	64QAM	1	49	17.09	17.09	16.90	18.00
20	64QAM	1	99	17.00	17.17	16.91	18.00
20	64QAM	50	0	17.08	17.15	16.96	18.00
20	64QAM	50	24	16.98	17.06	16.95	18.00
20	64QAM	50	50	17.05	17.14	17.02	18.00
20	64QAM	100	0	17.04	17.04	17.02	18.00
20	256QAM	1	0	17.08	17.12	16.99	18.00
20	256QAM	1	49	17.10	17.06	17.04	18.00
20	256QAM	1	99	17.11	17.08	16.93	18.00
20	256QAM	50	0	17.00	17.09	17.01	18.00
20	256QAM	50	24	17.02	17.07	17.01	18.00
20	256QAM	50	50	17.02	17.17	17.00	18.00
20	256QAM	100	0	17.00	17.15	17.01	18.00
Channel				18675	18900	19125	18.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.04	17.13	17.00	18.00
15	QPSK	1	37	17.10	17.13	17.02	18.00
15	QPSK	1	74	16.90	16.97	16.84	18.00
15	QPSK	36	0	17.01	17.03	16.93	18.00
15	QPSK	36	20	17.01	17.09	16.88	18.00
15	QPSK	36	39	16.94	16.96	16.84	18.00
15	QPSK	75	0	17.04	17.11	16.88	18.00
15	16QAM	1	0	16.84	17.04	16.84	18.00
15	16QAM	1	37	16.99	17.02	16.93	18.00
15	16QAM	1	74	17.03	16.87	16.87	18.00
15	16QAM	36	0	16.81	17.02	16.91	18.00
15	16QAM	36	20	17.03	17.03	17.01	18.00
15	16QAM	36	39	17.01	17.03	17.00	18.00
15	16QAM	75	0	16.99	16.98	16.91	18.00
15	64QAM	1	0	16.86	17.04	16.96	18.00
15	64QAM	1	37	17.06	17.04	16.86	18.00
15	64QAM	1	74	16.86	17.13	16.76	18.00
15	64QAM	36	0	17.04	17.06	16.85	18.00
15	64QAM	36	20	16.82	17.01	16.94	18.00
15	64QAM	36	39	17.01	17.05	16.88	18.00
15	64QAM	75	0	16.93	16.99	16.92	18.00
15	256QAM	1	0	17.05	17.01	16.87	18.00
15	256QAM	1	37	17.00	16.94	16.88	18.00
15	256QAM	1	74	17.06	17.00	16.86	18.00
15	256QAM	36	0	16.86	16.96	16.87	18.00
15	256QAM	36	20	17.01	17.05	16.92	18.00
15	256QAM	36	39	17.01	17.07	16.85	18.00
15	256QAM	75	0	16.84	17.09	16.96	18.00
Channel				18650	18900	19150	18.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.07	17.01	16.88	18.00
10	QPSK	1	25	17.03	17.12	17.00	18.00
10	QPSK	1	49	16.93	17.09	16.97	18.00
10	QPSK	25	0	17.05	16.90	16.80	18.00
10	QPSK	25	12	17.07	17.07	16.88	18.00
10	QPSK	25	25	17.04	17.01	16.84	18.00
10	QPSK	50	0	17.06	17.05	16.95	18.00
10	16QAM	1	0	16.89	16.99	16.88	18.00

10	16QAM	1	25	16.99	17.10	16.86	18.00
10	16QAM	1	49	16.99	17.02	16.89	18.00
10	16QAM	25	0	16.84	17.13	16.94	18.00
10	16QAM	25	12	16.94	16.99	16.96	18.00
10	16QAM	25	25	16.99	16.98	17.00	18.00
10	16QAM	50	0	17.03	17.00	16.81	18.00
10	64QAM	1	0	16.90	17.01	16.85	18.00
10	64QAM	1	25	17.05	16.94	16.82	18.00
10	64QAM	1	49	16.88	17.03	16.88	18.00
10	64QAM	25	0	17.01	17.10	16.81	18.00
10	64QAM	25	12	16.93	17.00	16.88	18.00
10	64QAM	25	25	17.03	17.10	17.00	18.00
10	64QAM	50	0	16.93	17.03	16.98	18.00
10	256QAM	1	0	16.94	17.04	16.90	18.00
10	256QAM	1	25	16.98	17.02	17.02	18.00
10	256QAM	1	49	17.01	17.01	16.85	18.00
10	256QAM	25	0	16.94	17.02	16.85	18.00
10	256QAM	25	12	16.91	16.95	16.91	18.00
10	256QAM	25	25	16.93	17.14	16.84	18.00
10	256QAM	50	0	16.86	17.08	16.95	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.06	17.01	16.88	18.00
5	QPSK	1	12	17.03	17.14	16.95	18.00
5	QPSK	1	24	16.88	17.08	16.85	18.00
5	QPSK	12	0	17.06	16.91	16.87	18.00
5	QPSK	12	7	17.07	17.01	16.97	18.00
5	QPSK	12	13	17.08	17.00	16.87	18.00
5	QPSK	25	0	17.01	16.99	16.99	18.00
5	16QAM	1	0	16.93	16.98	16.92	18.00
5	16QAM	1	12	16.94	17.02	16.92	18.00
5	16QAM	1	24	16.94	16.97	16.86	18.00
5	16QAM	12	0	16.92	17.02	16.83	18.00
5	16QAM	12	7	16.96	17.01	16.91	18.00
5	16QAM	12	13	17.04	16.94	16.89	18.00
5	16QAM	25	0	16.95	17.07	16.94	18.00
5	64QAM	1	0	16.81	17.11	16.85	18.00
5	64QAM	1	12	17.07	17.07	16.83	18.00
5	64QAM	1	24	16.99	17.15	16.86	18.00
5	64QAM	12	0	17.07	17.04	16.94	18.00
5	64QAM	12	7	16.82	16.97	16.84	18.00
5	64QAM	12	13	16.99	17.08	16.96	18.00
5	64QAM	25	0	16.88	16.88	17.00	18.00
5	256QAM	1	0	17.04	17.03	16.83	18.00
5	256QAM	1	12	17.06	16.96	17.01	18.00
5	256QAM	1	24	17.08	16.97	16.87	18.00
5	256QAM	12	0	16.89	17.01	16.97	18.00
5	256QAM	12	7	16.97	16.98	16.94	18.00
5	256QAM	12	13	16.88	17.12	16.88	18.00
5	256QAM	25	0	16.97	17.00	16.91	18.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.09	17.02	17.01	18.00
3	QPSK	1	8	17.09	17.15	17.01	18.00
3	QPSK	1	14	16.97	17.02	16.90	18.00
3	QPSK	8	0	17.01	16.95	16.82	18.00
3	QPSK	8	4	17.04	17.10	16.95	18.00
3	QPSK	8	7	17.03	17.06	16.86	18.00
3	QPSK	15	0	17.04	17.07	16.90	18.00
3	16QAM	1	0	16.87	16.98	16.83	18.00
3	16QAM	1	8	16.91	17.06	16.91	18.00
3	16QAM	1	14	16.94	16.96	16.77	18.00
3	16QAM	8	0	16.85	17.00	16.84	18.00
3	16QAM	8	4	17.05	17.06	16.97	18.00
3	16QAM	8	7	16.97	16.90	16.92	18.00
3	16QAM	15	0	16.97	17.09	16.84	18.00
3	64QAM	1	0	16.95	17.02	17.00	18.00
3	64QAM	1	8	16.97	16.99	16.79	18.00
3	64QAM	1	14	16.97	17.02	16.82	18.00
3	64QAM	8	0	17.06	17.14	16.92	18.00
3	64QAM	8	4	16.82	16.92	16.83	18.00
3	64QAM	8	7	17.02	17.07	16.87	18.00
3	64QAM	15	0	16.91	16.99	16.93	18.00
3	256QAM	1	0	17.05	17.04	16.85	18.00
3	256QAM	1	8	17.05	17.02	16.96	18.00
3	256QAM	1	14	17.02	16.97	16.80	18.00
3	256QAM	8	0	16.94	17.02	16.90	18.00
3	256QAM	8	4	16.89	17.05	16.94	18.00

3	256QAM	8	7	16.95	17.13	16.95	18.00
3	256QAM	15	0	16.97	17.11	16.85	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.00	17.04	16.91	18.00
1.4	QPSK	1	3	17.00	17.04	16.90	18.00
1.4	QPSK	1	5	16.91	17.10	16.94	18.00
1.4	QPSK	3	0	17.01	16.88	16.79	18.00
1.4	QPSK	3	1	17.07	17.05	16.86	18.00
1.4	QPSK	3	3	16.94	16.99	16.80	18.00
1.4	QPSK	6	0	17.09	17.01	16.96	18.00
1.4	16QAM	1	0	16.92	17.06	16.85	18.00
1.4	16QAM	1	3	16.93	17.13	16.97	18.00
1.4	16QAM	1	5	16.91	17.00	16.80	18.00
1.4	16QAM	3	0	16.84	17.14	16.86	18.00
1.4	16QAM	3	1	16.96	17.04	16.98	18.00
1.4	16QAM	3	3	17.04	17.03	16.91	18.00
1.4	16QAM	6	0	16.95	17.08	16.90	18.00
1.4	64QAM	1	0	16.96	17.07	17.00	18.00
1.4	64QAM	1	3	17.07	17.01	16.89	18.00
1.4	64QAM	1	5	16.85	17.12	16.82	18.00
1.4	64QAM	3	0	17.07	17.06	16.95	18.00
1.4	64QAM	3	1	16.95	17.00	16.79	18.00
1.4	64QAM	3	3	16.94	17.03	16.99	18.00
1.4	64QAM	6	0	16.89	16.91	16.89	18.00
1.4	256QAM	1	0	16.93	17.06	16.84	18.00
1.4	256QAM	1	3	16.99	16.99	16.93	18.00
1.4	256QAM	1	5	17.06	16.99	16.91	18.00
1.4	256QAM	3	0	16.98	16.97	16.88	18.00
1.4	256QAM	3	1	16.90	16.95	16.89	18.00
1.4	256QAM	3	3	16.97	17.08	16.86	18.00
1.4	256QAM	6	0	16.88	17.03	16.86	18.00

【LTE Band 2_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.77	19.79	19.73	20.50
20	QPSK	1	49	19.82	19.85	19.78	20.50
20	QPSK	1	99	19.75	19.81	19.70	20.50
20	QPSK	50	0	19.79	19.80	19.66	20.50
20	QPSK	50	24	19.80	19.82	19.75	20.50
20	QPSK	50	50	19.75	19.78	19.71	20.50
20	QPSK	100	0	19.67	19.79	19.76	20.50
20	16QAM	1	0	19.69	19.71	19.72	20.50
20	16QAM	1	49	19.79	19.75	19.72	20.50
20	16QAM	1	99	19.69	19.74	19.76	20.50
20	16QAM	50	0	19.73	19.84	19.66	20.50
20	16QAM	50	24	19.67	19.83	19.73	20.50
20	16QAM	50	50	19.77	19.77	19.74	20.50
20	16QAM	100	0	19.76	19.72	19.63	20.50
20	64QAM	1	0	19.71	19.71	19.72	20.50
20	64QAM	1	49	19.73	19.69	19.65	20.50
20	64QAM	1	99	19.75	19.82	19.70	20.50
20	64QAM	50	0	19.76	19.75	19.64	20.50
20	64QAM	50	24	19.75	19.74	19.62	20.50
20	64QAM	50	50	19.70	19.76	19.70	20.50
20	64QAM	100	0	19.76	19.81	19.68	20.50
20	256QAM	1	0	18.15	18.16	18.02	19.00
20	256QAM	1	49	18.24	18.29	18.17	19.00
20	256QAM	1	99	18.13	18.24	18.02	19.00
20	256QAM	50	0	17.99	18.14	17.90	19.00
20	256QAM	50	24	17.92	18.07	17.85	19.00
20	256QAM	50	50	18.18	18.20	18.04	19.00
20	256QAM	100	0	18.10	18.16	17.96	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.67	19.69	19.67	20.50
15	QPSK	1	37	19.71	19.75	19.62	20.50
15	QPSK	1	74	19.61	19.66	19.55	20.50
15	QPSK	36	0	19.64	19.73	19.59	20.50
15	QPSK	36	20	19.64	19.75	19.63	20.50

15	QPSK	36	39	19.69	19.76	19.68	20.50
15	QPSK	75	0	19.60	19.69	19.63	20.50
15	16QAM	1	0	19.64	19.65	19.69	20.50
15	16QAM	1	37	19.76	19.72	19.62	20.50
15	16QAM	1	74	19.65	19.65	19.68	20.50
15	16QAM	36	0	19.66	19.78	19.55	20.50
15	16QAM	36	20	19.58	19.76	19.64	20.50
15	16QAM	36	39	19.70	19.73	19.71	20.50
15	16QAM	75	0	19.68	19.59	19.62	20.50
15	64QAM	1	0	19.61	19.70	19.68	20.50
15	64QAM	1	37	19.64	19.57	19.64	20.50
15	64QAM	1	74	19.68	19.68	19.61	20.50
15	64QAM	36	0	19.61	19.68	19.51	20.50
15	64QAM	36	20	19.59	19.67	19.50	20.50
15	64QAM	36	39	19.66	19.74	19.67	20.50
15	64QAM	75	0	19.70	19.75	19.59	20.50
15	256QAM	1	0	18.14	18.11	17.89	19.00
15	256QAM	1	37	18.13	18.28	18.09	19.00
15	256QAM	1	74	18.03	18.22	17.96	19.00
15	256QAM	36	0	17.87	18.13	17.86	19.00
15	256QAM	36	20	17.87	18.02	17.78	19.00
15	256QAM	36	39	18.08	18.19	17.92	19.00
15	256QAM	75	0	17.99	18.05	17.95	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.73	19.66	19.68	20.50
10	QPSK	1	25	19.71	19.74	19.65	20.50
10	QPSK	1	49	19.59	19.78	19.66	20.50
10	QPSK	25	0	19.76	19.70	19.52	20.50
10	QPSK	25	12	19.65	19.77	19.59	20.50
10	QPSK	25	25	19.74	19.66	19.56	20.50
10	QPSK	50	0	19.65	19.77	19.61	20.50
10	16QAM	1	0	19.54	19.69	19.67	20.50
10	16QAM	1	25	19.74	19.70	19.64	20.50
10	16QAM	1	49	19.54	19.72	19.64	20.50
10	16QAM	25	0	19.69	19.79	19.50	20.50
10	16QAM	25	12	19.51	19.74	19.70	20.50
10	16QAM	25	25	19.76	19.61	19.65	20.50
10	16QAM	50	0	19.72	19.71	19.48	20.50
10	64QAM	1	0	19.61	19.63	19.65	20.50
10	64QAM	1	25	19.60	19.59	19.59	20.50
10	64QAM	1	49	19.68	19.73	19.62	20.50
10	64QAM	25	0	19.61	19.72	19.60	20.50
10	64QAM	25	12	19.69	19.70	19.53	20.50
10	64QAM	25	25	19.59	19.74	19.61	20.50
10	64QAM	50	0	19.63	19.78	19.55	20.50
10	256QAM	1	0	18.11	18.09	17.99	19.00
10	256QAM	1	25	18.09	18.17	18.03	19.00
10	256QAM	1	49	18.11	18.15	17.87	19.00
10	256QAM	25	0	17.84	18.08	17.80	19.00
10	256QAM	25	12	17.80	18.06	17.78	19.00
10	256QAM	25	25	18.09	18.09	18.03	19.00
10	256QAM	50	0	17.99	18.10	17.83	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.64	19.71	19.65	20.50
5	QPSK	1	12	19.67	19.81	19.75	20.50
5	QPSK	1	24	19.61	19.79	19.69	20.50
5	QPSK	12	0	19.65	19.70	19.60	20.50
5	QPSK	12	7	19.72	19.69	19.66	20.50
5	QPSK	12	13	19.66	19.65	19.67	20.50
5	QPSK	25	0	19.60	19.67	19.63	20.50
5	16QAM	1	0	19.66	19.70	19.67	20.50
5	16QAM	1	12	19.71	19.65	19.67	20.50
5	16QAM	1	24	19.63	19.60	19.68	20.50
5	16QAM	12	0	19.58	19.68	19.65	20.50
5	16QAM	12	7	19.52	19.72	19.72	20.50
5	16QAM	12	13	19.70	19.67	19.58	20.50
5	16QAM	25	0	19.75	19.69	19.59	20.50
5	64QAM	1	0	19.69	19.65	19.66	20.50
5	64QAM	1	12	19.62	19.64	19.62	20.50
5	64QAM	1	24	19.62	19.81	19.59	20.50
5	64QAM	12	0	19.73	19.72	19.62	20.50
5	64QAM	12	7	19.66	19.66	19.57	20.50
5	64QAM	12	13	19.59	19.69	19.64	20.50
5	64QAM	25	0	19.64	19.75	19.58	20.50
5	256QAM	1	0	18.06	18.06	17.99	19.00
5	256QAM	1	12	18.23	18.17	18.03	19.00

5	256QAM	1	24	18.06	18.11	17.97	19.00
5	256QAM	12	0	17.86	18.12	17.85	19.00
5	256QAM	12	7	17.86	17.98	17.79	19.00
5	256QAM	12	13	18.04	18.11	17.90	19.00
5	256QAM	25	0	17.95	18.05	17.82	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.67	19.65	19.63	20.50
3	QPSK	1	8	19.70	19.74	19.63	20.50
3	QPSK	1	14	19.62	19.68	19.57	20.50
3	QPSK	8	0	19.68	19.67	19.51	20.50
3	QPSK	8	4	19.78	19.77	19.61	20.50
3	QPSK	8	7	19.60	19.73	19.65	20.50
3	QPSK	15	0	19.52	19.76	19.67	20.50
3	16QAM	1	0	19.62	19.66	19.60	20.50
3	16QAM	1	8	19.75	19.73	19.69	20.50
3	16QAM	1	14	19.67	19.61	19.63	20.50
3	16QAM	8	0	19.60	19.80	19.54	20.50
3	16QAM	8	4	19.62	19.76	19.71	20.50
3	16QAM	8	7	19.76	19.76	19.68	20.50
3	16QAM	15	0	19.72	19.66	19.62	20.50
3	64QAM	1	0	19.64	19.61	19.67	20.50
3	64QAM	1	8	19.57	19.62	19.64	20.50
3	64QAM	1	14	19.60	19.81	19.57	20.50
3	64QAM	8	0	19.71	19.65	19.50	20.50
3	64QAM	8	4	19.64	19.62	19.58	20.50
3	64QAM	8	7	19.65	19.74	19.62	20.50
3	64QAM	15	0	19.73	19.80	19.57	20.50
3	256QAM	1	0	18.12	18.10	17.90	19.00
3	256QAM	1	8	18.17	18.18	18.13	19.00
3	256QAM	1	14	18.05	18.21	18.01	19.00
3	256QAM	8	0	17.85	18.12	17.75	19.00
3	256QAM	8	4	17.81	18.00	17.81	19.00
3	256QAM	8	7	18.11	18.06	18.03	19.00
3	256QAM	15	0	18.09	18.06	17.82	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.75	19.72	19.58	20.50
1.4	QPSK	1	3	19.79	19.74	19.71	20.50
1.4	QPSK	1	5	19.68	19.68	19.65	20.50
1.4	QPSK	3	0	19.75	19.74	19.50	20.50
1.4	QPSK	3	1	19.75	19.72	19.65	20.50
1.4	QPSK	3	3	19.71	19.74	19.68	20.50
1.4	QPSK	6	0	19.58	19.78	19.68	20.50
1.4	16QAM	1	0	19.60	19.70	19.61	20.50
1.4	16QAM	1	3	19.72	19.60	19.60	20.50
1.4	16QAM	1	5	19.66	19.65	19.67	20.50
1.4	16QAM	3	0	19.61	19.71	19.54	20.50
1.4	16QAM	3	1	19.56	19.79	19.62	20.50
1.4	16QAM	3	3	19.69	19.69	19.70	20.50
1.4	16QAM	6	0	19.73	19.64	19.47	20.50
1.4	64QAM	1	0	19.59	19.64	19.59	20.50
1.4	64QAM	1	3	19.61	19.61	19.59	20.50
1.4	64QAM	1	5	19.68	19.67	19.63	20.50
1.4	64QAM	3	0	19.74	19.62	19.63	20.50
1.4	64QAM	3	1	19.69	19.70	19.57	20.50
1.4	64QAM	3	3	19.59	19.60	19.68	20.50
1.4	64QAM	6	0	19.67	19.68	19.52	20.50
1.4	256QAM	1	0	18.04	17.93	17.81	19.00
1.4	256QAM	1	3	18.02	18.08	17.94	19.00
1.4	256QAM	1	5	17.88	18.08	17.87	19.00
1.4	256QAM	3	0	17.82	17.95	17.83	19.00
1.4	256QAM	3	1	17.83	17.88	17.77	19.00
1.4	256QAM	3	3	18.00	18.03	17.94	19.00
1.4	256QAM	6	0	17.97	17.95	17.82	19.00

【LTE Band 2_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.47	20.53	20.43	22.00
20	QPSK	1	49	20.50	20.57	20.46	22.00
20	QPSK	1	99	20.35	20.45	20.38	22.00
20	QPSK	50	0	20.47	20.43	20.34	22.00
20	QPSK	50	24	20.49	20.55	20.44	22.00
20	QPSK	50	50	20.35	20.48	20.42	22.00
20	QPSK	100	0	20.47	20.52	20.39	22.00
20	16QAM	1	0	20.45	20.54	20.30	22.00
20	16QAM	1	49	20.47	20.56	20.31	22.00
20	16QAM	1	99	20.40	20.45	20.31	22.00
20	16QAM	50	0	20.42	20.49	20.41	22.00
20	16QAM	50	24	20.42	20.49	20.38	22.00
20	16QAM	50	50	20.41	20.48	20.34	22.00
20	16QAM	100	0	20.42	20.50	20.32	22.00
20	64QAM	1	0	20.45	20.56	20.35	22.00
20	64QAM	1	49	20.38	20.52	20.38	22.00
20	64QAM	1	99	20.39	20.56	20.45	22.00
20	64QAM	50	0	19.99	20.09	19.85	21.00
20	64QAM	50	24	20.05	20.14	19.89	21.00
20	64QAM	50	50	19.99	20.14	19.96	21.00
20	64QAM	100	0	20.10	20.21	20.04	21.00
20	256QAM	1	0	18.15	18.16	18.02	19.00
20	256QAM	1	49	18.24	18.29	18.17	19.00
20	256QAM	1	99	18.13	18.24	18.02	19.00
20	256QAM	50	0	17.99	18.14	17.90	19.00
20	256QAM	50	24	17.92	18.07	17.85	19.00
20	256QAM	50	50	18.18	18.20	18.04	19.00
20	256QAM	100	0	18.10	18.16	17.96	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.35	20.51	20.40	22.00
15	QPSK	1	37	20.38	20.56	20.30	22.00
15	QPSK	1	74	20.34	20.32	20.35	22.00
15	QPSK	36	0	20.42	20.28	20.32	22.00
15	QPSK	36	20	20.36	20.49	20.38	22.00
15	QPSK	36	39	20.24	20.40	20.28	22.00
15	QPSK	75	0	20.32	20.42	20.33	22.00
15	16QAM	1	0	20.29	20.44	20.20	22.00
15	16QAM	1	37	20.31	20.42	20.29	22.00
15	16QAM	1	74	20.30	20.31	20.22	22.00
15	16QAM	36	0	20.26	20.45	20.27	22.00
15	16QAM	36	20	20.26	20.41	20.26	22.00
15	16QAM	36	39	20.35	20.35	20.29	22.00
15	16QAM	75	0	20.39	20.43	20.24	22.00
15	64QAM	1	0	20.39	20.46	20.25	22.00
15	64QAM	1	37	20.23	20.50	20.35	22.00
15	64QAM	1	74	20.23	20.49	20.39	22.00
15	64QAM	36	0	19.84	20.02	19.79	21.00
15	64QAM	36	20	19.94	20.07	19.86	21.00
15	64QAM	36	39	19.86	19.99	19.94	21.00
15	64QAM	75	0	20.07	20.14	19.90	21.00
15	256QAM	1	0	18.14	18.11	17.89	19.00
15	256QAM	1	37	18.13	18.28	18.09	19.00
15	256QAM	1	74	18.03	18.22	17.96	19.00
15	256QAM	36	0	17.87	18.13	17.86	19.00
15	256QAM	36	20	17.87	18.02	17.78	19.00
15	256QAM	36	39	18.08	18.19	17.92	19.00
15	256QAM	75	0	17.99	18.05	17.95	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.38	20.41	20.33	22.00
10	QPSK	1	25	20.38	20.53	20.42	22.00
10	QPSK	1	49	20.23	20.39	20.23	22.00
10	QPSK	25	0	20.41	20.32	20.33	22.00
10	QPSK	25	12	20.41	20.43	20.41	22.00
10	QPSK	25	25	20.31	20.45	20.28	22.00
10	QPSK	50	0	20.46	20.51	20.31	22.00
10	16QAM	1	0	20.31	20.46	20.22	22.00

10	16QAM	1	25	20.39	20.47	20.28	22.00
10	16QAM	1	49	20.25	20.41	20.25	22.00
10	16QAM	25	0	20.31	20.33	20.39	22.00
10	16QAM	25	12	20.30	20.36	20.22	22.00
10	16QAM	25	25	20.39	20.33	20.24	22.00
10	16QAM	50	0	20.29	20.48	20.27	22.00
10	64QAM	1	0	20.31	20.46	20.32	22.00
10	64QAM	1	25	20.35	20.37	20.32	22.00
10	64QAM	1	49	20.35	20.47	20.30	22.00
10	64QAM	25	0	19.89	20.08	19.70	21.00
10	64QAM	25	12	19.98	20.00	19.84	21.00
10	64QAM	25	25	19.93	20.09	19.95	21.00
10	64QAM	50	0	20.02	20.20	20.03	21.00
10	256QAM	1	0	18.11	18.09	17.99	19.00
10	256QAM	1	25	18.09	18.17	18.03	19.00
10	256QAM	1	49	18.11	18.15	17.87	19.00
10	256QAM	25	0	17.84	18.08	17.80	19.00
10	256QAM	25	12	17.80	18.06	17.78	19.00
10	256QAM	25	25	18.09	18.09	18.03	19.00
10	256QAM	50	0	17.99	18.10	17.83	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.35	20.51	20.39	22.00
5	QPSK	1	12	20.49	20.49	20.42	22.00
5	QPSK	1	24	20.33	20.43	20.37	22.00
5	QPSK	12	0	20.32	20.33	20.32	22.00
5	QPSK	12	7	20.36	20.45	20.39	22.00
5	QPSK	12	13	20.34	20.33	20.39	22.00
5	QPSK	25	0	20.44	20.47	20.26	22.00
5	16QAM	1	0	20.38	20.51	20.23	22.00
5	16QAM	1	12	20.44	20.52	20.28	22.00
5	16QAM	1	24	20.30	20.33	20.19	22.00
5	16QAM	12	0	20.41	20.39	20.39	22.00
5	16QAM	12	7	20.40	20.48	20.34	22.00
5	16QAM	12	13	20.33	20.43	20.27	22.00
5	16QAM	25	0	20.28	20.49	20.19	22.00
5	64QAM	1	0	20.41	20.46	20.24	22.00
5	64QAM	1	12	20.36	20.47	20.36	22.00
5	64QAM	1	24	20.29	20.48	20.33	22.00
5	64QAM	12	0	19.87	19.98	19.70	21.00
5	64QAM	12	7	20.04	20.08	19.76	21.00
5	64QAM	12	13	19.95	20.11	19.88	21.00
5	64QAM	25	0	19.96	20.20	20.01	21.00
5	256QAM	1	0	18.06	18.06	17.99	19.00
5	256QAM	1	12	18.23	18.17	18.03	19.00
5	256QAM	1	24	18.06	18.11	17.97	19.00
5	256QAM	12	0	17.86	18.12	17.85	19.00
5	256QAM	12	7	17.86	17.98	17.79	19.00
5	256QAM	12	13	18.04	18.11	17.90	19.00
5	256QAM	25	0	17.95	18.05	17.82	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.45	20.38	20.33	22.00
3	QPSK	1	8	20.48	20.46	20.43	22.00
3	QPSK	1	14	20.29	20.44	20.28	22.00
3	QPSK	8	0	20.33	20.38	20.24	22.00
3	QPSK	8	4	20.44	20.52	20.42	22.00
3	QPSK	8	7	20.28	20.47	20.29	22.00
3	QPSK	15	0	20.35	20.48	20.31	22.00
3	16QAM	1	0	20.29	20.41	20.27	22.00
3	16QAM	1	8	20.37	20.49	20.29	22.00
3	16QAM	1	14	20.27	20.31	20.17	22.00
3	16QAM	8	0	20.31	20.42	20.39	22.00
3	16QAM	8	4	20.36	20.41	20.32	22.00
3	16QAM	8	7	20.27	20.37	20.26	22.00
3	16QAM	15	0	20.36	20.37	20.22	22.00
3	64QAM	1	0	20.33	20.55	20.29	22.00
3	64QAM	1	8	20.23	20.41	20.36	22.00
3	64QAM	1	14	20.24	20.44	20.33	22.00
3	64QAM	8	0	19.93	20.02	19.74	21.00
3	64QAM	8	4	20.01	20.12	19.76	21.00
3	64QAM	8	7	19.86	20.06	19.92	21.00
3	64QAM	15	0	19.96	20.16	19.97	21.00
3	256QAM	1	0	18.12	18.10	17.90	19.00
3	256QAM	1	8	18.17	18.18	18.13	19.00
3	256QAM	1	14	18.05	18.21	18.01	19.00
3	256QAM	8	0	17.85	18.12	17.75	19.00
3	256QAM	8	4	17.81	18.00	17.81	19.00

3	256QAM	8	7	18.11	18.06	18.03	19.00
3	256QAM	15	0	18.09	18.06	17.82	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.42	20.39	20.42	22.00
1.4	QPSK	1	3	20.36	20.46	20.44	22.00
1.4	QPSK	1	5	20.26	20.42	20.33	22.00
1.4	QPSK	3	0	20.45	20.51	20.33	22.00
1.4	QPSK	3	1	20.40	20.44	20.36	22.00
1.4	QPSK	3	3	20.29	20.32	20.26	22.00
1.4	QPSK	6	0	20.44	20.42	20.30	22.00
1.4	16QAM	1	0	20.42	20.51	20.31	22.00
1.4	16QAM	1	3	20.22	20.44	20.35	22.00
1.4	16QAM	1	5	20.36	20.47	20.25	22.00
1.4	16QAM	3	0	20.31	20.46	20.15	22.00
1.4	16QAM	3	1	20.46	20.47	20.24	22.00
1.4	16QAM	3	3	20.26	20.42	20.20	22.00
1.4	16QAM	6	0	20.26	20.45	20.33	22.00
1.4	64QAM	1	0	20.34	20.47	20.37	22.00
1.4	64QAM	1	3	20.33	20.34	20.27	22.00
1.4	64QAM	1	5	20.37	20.48	20.27	22.00
1.4	64QAM	3	0	20.41	20.46	20.29	21.00
1.4	64QAM	3	1	20.37	20.38	20.35	21.00
1.4	64QAM	3	3	20.35	20.45	20.35	21.00
1.4	64QAM	6	0	19.88	20.11	19.91	21.00
1.4	256QAM	1	0	18.04	17.93	17.81	19.00
1.4	256QAM	1	3	18.02	18.08	17.94	19.00
1.4	256QAM	1	5	17.88	18.08	17.87	19.00
1.4	256QAM	3	0	17.82	17.95	17.83	19.00
1.4	256QAM	3	1	17.83	17.88	17.77	19.00
1.4	256QAM	3	3	18.00	18.03	17.94	19.00
1.4	256QAM	6	0	17.97	17.95	17.82	19.00

【LTE Band 2_Ant 0_PA_Reference Designator_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.92	17.01	16.94	18.00
20	QPSK	1	49	17.02	17.07	16.97	18.00
20	QPSK	1	99	16.91	16.92	16.87	18.00
20	QPSK	50	0	16.95	16.89	16.87	18.00
20	QPSK	50	24	16.97	17.01	16.92	18.00
20	QPSK	50	50	16.91	16.94	16.78	18.00
20	QPSK	100	0	16.96	16.98	16.87	18.00
20	16QAM	1	0	16.87	17.03	16.90	18.00
20	16QAM	1	49	16.95	17.04	16.83	18.00
20	16QAM	1	99	16.88	16.96	16.95	18.00
20	16QAM	50	0	16.90	17.03	16.96	18.00
20	16QAM	50	24	16.91	17.03	16.92	18.00
20	16QAM	50	50	16.96	17.02	16.93	18.00
20	16QAM	100	0	16.97	16.97	16.85	18.00
20	64QAM	1	0	16.94	17.04	16.87	18.00
20	64QAM	1	49	16.94	17.00	16.93	18.00
20	64QAM	1	99	16.90	16.98	16.96	18.00
20	64QAM	50	0	16.98	16.92	16.82	18.00
20	64QAM	50	24	16.93	16.93	16.94	18.00
20	64QAM	50	50	16.97	16.98	16.89	18.00
20	64QAM	100	0	16.98	17.04	16.95	18.00
20	256QAM	1	0	16.90	16.94	16.86	18.00
20	256QAM	1	49	17.00	16.92	16.86	18.00
20	256QAM	1	99	16.94	16.95	16.91	18.00
20	256QAM	50	0	16.92	17.03	16.84	18.00
20	256QAM	50	24	16.98	17.00	16.87	18.00
20	256QAM	50	50	16.95	17.06	16.86	18.00
20	256QAM	100	0	16.95	16.96	16.88	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.79	16.97	16.93	18.00
15	QPSK	1	37	16.88	17.05	16.88	18.00
15	QPSK	1	74	16.78	16.84	16.75	18.00
15	QPSK	36	0	16.90	16.74	16.80	18.00
15	QPSK	36	20	16.85	16.92	16.83	18.00

15	QPSK	36	39	16.84	16.92	16.74	18.00
15	QPSK	75	0	16.88	16.85	16.86	18.00
15	16QAM	1	0	16.82	16.98	16.85	18.00
15	16QAM	1	37	16.87	17.01	16.80	18.00
15	16QAM	1	74	16.80	16.88	16.84	18.00
15	16QAM	36	0	16.85	16.94	16.94	18.00
15	16QAM	36	20	16.89	16.93	16.91	18.00
15	16QAM	36	39	16.82	17.01	16.92	18.00
15	16QAM	75	0	16.90	16.93	16.84	18.00
15	64QAM	1	0	16.92	16.94	16.80	18.00
15	64QAM	1	37	16.79	16.97	16.79	18.00
15	64QAM	1	74	16.83	16.83	16.87	18.00
15	64QAM	36	0	16.84	16.77	16.77	18.00
15	64QAM	36	20	16.82	16.88	16.81	18.00
15	64QAM	36	39	16.91	16.97	16.86	18.00
15	64QAM	75	0	16.97	16.98	16.84	18.00
15	256QAM	1	0	16.79	16.86	16.85	18.00
15	256QAM	1	37	16.93	16.86	16.74	18.00
15	256QAM	1	74	16.90	16.91	16.78	18.00
15	256QAM	36	0	16.91	16.91	16.78	18.00
15	256QAM	36	20	16.97	16.96	16.77	18.00
15	256QAM	36	39	16.88	17.05	16.82	18.00
15	256QAM	75	0	16.89	16.82	16.73	18.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.84	16.90	16.80	18.00
10	QPSK	1	25	17.00	16.92	16.90	18.00
10	QPSK	1	49	16.82	16.80	16.72	18.00
10	QPSK	25	0	16.83	16.76	16.74	18.00
10	QPSK	25	12	16.95	16.99	16.81	18.00
10	QPSK	25	25	16.84	16.79	16.68	18.00
10	QPSK	50	0	16.81	16.96	16.86	18.00
10	16QAM	1	0	16.75	16.93	16.76	18.00
10	16QAM	1	25	16.94	16.97	16.81	18.00
10	16QAM	1	49	16.73	16.81	16.81	18.00
10	16QAM	25	0	16.81	16.95	16.93	18.00
10	16QAM	25	12	16.86	16.91	16.81	18.00
10	16QAM	25	25	16.87	16.90	16.91	18.00
10	16QAM	50	0	16.94	16.94	16.78	18.00
10	64QAM	1	0	16.79	17.02	16.80	18.00
10	64QAM	1	25	16.80	16.86	16.92	18.00
10	64QAM	1	49	16.88	16.83	16.92	18.00
10	64QAM	25	0	16.94	16.91	16.77	18.00
10	64QAM	25	12	16.81	16.82	16.86	18.00
10	64QAM	25	25	16.94	16.95	16.76	18.00
10	64QAM	50	0	16.95	16.93	16.83	18.00
10	256QAM	1	0	16.86	16.92	16.82	18.00
10	256QAM	1	25	16.87	16.91	16.71	18.00
10	256QAM	1	49	16.86	16.84	16.85	18.00
10	256QAM	25	0	16.80	16.93	16.81	18.00
10	256QAM	25	12	16.90	16.85	16.86	18.00
10	256QAM	25	25	16.92	16.94	16.75	18.00
10	256QAM	50	0	16.89	16.92	16.83	18.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.78	16.91	16.89	18.00
5	QPSK	1	12	16.93	17.02	16.89	18.00
5	QPSK	1	24	16.88	16.91	16.86	18.00
5	QPSK	12	0	16.92	16.74	16.76	18.00
5	QPSK	12	7	16.89	16.97	16.90	18.00
5	QPSK	12	13	16.84	16.82	16.69	18.00
5	QPSK	25	0	16.89	16.84	16.86	18.00
5	16QAM	1	0	16.86	16.89	16.89	18.00
5	16QAM	1	12	16.80	17.02	16.69	18.00
5	16QAM	1	24	16.83	16.81	16.83	18.00
5	16QAM	12	0	16.76	16.93	16.87	18.00
5	16QAM	12	7	16.87	17.00	16.85	18.00
5	16QAM	12	13	16.87	17.01	16.87	18.00
5	16QAM	25	0	16.96	16.83	16.73	18.00
5	64QAM	1	0	16.80	16.94	16.74	18.00
5	64QAM	1	12	16.86	16.89	16.84	18.00
5	64QAM	1	24	16.76	16.93	16.91	18.00
5	64QAM	12	0	16.97	16.83	16.73	18.00
5	64QAM	12	7	16.84	16.88	16.89	18.00
5	64QAM	12	13	16.85	16.92	16.74	18.00
5	64QAM	25	0	16.90	17.02	16.91	18.00
5	256QAM	1	0	16.80	16.86	16.73	18.00
5	256QAM	1	12	16.87	16.80	16.79	18.00

5	256QAM	1	24	16.83	16.80	16.78	18.00
5	256QAM	12	0	16.90	17.02	16.80	18.00
5	256QAM	12	7	16.93	16.88	16.72	18.00
5	256QAM	12	13	16.89	16.98	16.81	18.00
5	256QAM	25	0	16.86	16.91	16.77	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.79	16.97	16.90	18.00
3	QPSK	1	8	16.97	16.93	16.95	18.00
3	QPSK	1	14	16.82	16.89	16.75	18.00
3	QPSK	8	0	16.87	16.88	16.72	18.00
3	QPSK	8	4	16.90	16.95	16.84	18.00
3	QPSK	8	7	16.80	16.79	16.66	18.00
3	QPSK	15	0	16.92	16.97	16.81	18.00
3	16QAM	1	0	16.74	16.91	16.79	18.00
3	16QAM	1	8	16.91	16.98	16.76	18.00
3	16QAM	1	14	16.87	16.83	16.81	18.00
3	16QAM	8	0	16.86	16.91	16.86	18.00
3	16QAM	8	4	16.87	16.95	16.84	18.00
3	16QAM	8	7	16.94	16.89	16.88	18.00
3	16QAM	15	0	16.93	16.88	16.75	18.00
3	64QAM	1	0	16.84	16.99	16.76	18.00
3	64QAM	1	8	16.93	16.97	16.79	18.00
3	64QAM	1	14	16.88	16.91	16.92	18.00
3	64QAM	8	0	16.95	16.82	16.79	18.00
3	64QAM	8	4	16.92	16.78	16.88	18.00
3	64QAM	8	7	16.86	16.84	16.83	18.00
3	64QAM	15	0	16.97	16.90	16.89	18.00
3	256QAM	1	0	16.88	16.88	16.76	18.00
3	256QAM	1	8	16.89	16.85	16.73	18.00
3	256QAM	1	14	16.88	16.94	16.77	18.00
3	256QAM	8	0	16.86	16.88	16.77	18.00
3	256QAM	8	4	16.84	16.96	16.83	18.00
3	256QAM	8	7	16.84	17.03	16.73	18.00
3	256QAM	15	0	16.91	16.81	16.73	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.79	16.87	16.87	18.00
1.4	QPSK	1	3	16.88	17.02	16.83	18.00
1.4	QPSK	1	5	16.80	16.91	16.75	18.00
1.4	QPSK	3	0	16.91	16.87	16.78	18.00
1.4	QPSK	3	1	16.95	16.92	16.89	18.00
1.4	QPSK	3	3	16.77	16.91	16.69	18.00
1.4	QPSK	6	0	16.81	16.85	16.76	18.00
1.4	16QAM	1	0	16.76	16.98	16.86	18.00
1.4	16QAM	1	3	16.89	17.01	16.72	18.00
1.4	16QAM	1	5	16.84	16.88	16.81	18.00
1.4	16QAM	3	0	16.77	16.92	16.87	18.00
1.4	16QAM	3	1	16.90	16.91	16.79	18.00
1.4	16QAM	3	3	16.93	17.01	16.92	18.00
1.4	16QAM	6	0	16.88	16.89	16.70	18.00
1.4	64QAM	1	0	16.91	16.95	16.76	18.00
1.4	64QAM	1	3	16.89	16.88	16.88	18.00
1.4	64QAM	1	5	16.84	16.83	16.90	18.00
1.4	64QAM	3	0	16.93	16.88	16.71	18.00
1.4	64QAM	3	1	16.79	16.78	16.79	18.00
1.4	64QAM	3	3	16.91	16.91	16.83	18.00
1.4	64QAM	6	0	16.94	17.02	16.89	18.00
1.4	256QAM	1	0	16.80	16.84	16.78	18.00
1.4	256QAM	1	3	16.87	16.87	16.82	18.00
1.4	256QAM	1	5	16.92	16.81	16.81	18.00
1.4	256QAM	3	0	16.78	16.94	16.81	18.00
1.4	256QAM	3	1	16.84	16.85	16.76	18.00
1.4	256QAM	3	3	16.92	16.95	16.72	18.00
1.4	256QAM	6	0	16.87	16.88	16.84	18.00

【LTE Band 2_Ant 0_PA_Reference Designator_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.42	19.40	19.45	20.50
20	QPSK	1	49	19.45	19.51	19.49	20.50
20	QPSK	1	99	19.44	19.35	19.41	20.50
20	QPSK	50	0	19.37	19.43	19.44	20.50
20	QPSK	50	24	19.39	19.47	19.45	20.50
20	QPSK	50	50	19.32	19.44	19.37	20.50
20	QPSK	100	0	19.37	19.45	19.39	20.50
20	16QAM	1	0	19.34	19.37	19.47	20.50
20	16QAM	1	49	19.31	19.38	19.47	20.50
20	16QAM	1	99	19.42	19.48	19.41	20.50
20	16QAM	50	0	19.39	19.35	19.37	20.50
20	16QAM	50	24	19.37	19.43	19.42	20.50
20	16QAM	50	50	19.41	19.48	19.39	20.50
20	16QAM	100	0	19.38	19.34	19.41	20.50
20	64QAM	1	0	19.44	19.45	19.47	20.50
20	64QAM	1	49	19.35	19.45	19.39	20.50
20	64QAM	1	99	19.36	19.40	19.49	20.50
20	64QAM	50	0	19.33	19.47	19.42	20.50
20	64QAM	50	24	19.36	19.37	19.43	20.50
20	64QAM	50	50	19.33	19.47	19.49	20.50
20	64QAM	100	0	19.32	19.37	19.45	20.50
20	256QAM	1	0	18.01	18.16	18.15	19.00
20	256QAM	1	49	18.05	18.11	18.07	19.00
20	256QAM	1	99	18.14	18.15	18.01	19.00
20	256QAM	50	0	18.04	18.10	18.05	19.00
20	256QAM	50	24	18.00	18.06	17.91	19.00
20	256QAM	50	50	18.08	18.09	18.07	19.00
20	256QAM	100	0	17.95	18.09	18.04	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.34	19.38	19.30	20.50
15	QPSK	1	37	19.32	19.34	19.45	20.50
15	QPSK	1	74	19.41	19.32	19.35	20.50
15	QPSK	36	0	19.34	19.41	19.42	20.50
15	QPSK	36	20	19.34	19.39	19.39	20.50
15	QPSK	36	39	19.25	19.34	19.32	20.50
15	QPSK	75	0	19.28	19.43	19.34	20.50
15	16QAM	1	0	19.20	19.34	19.38	20.50
15	16QAM	1	37	19.28	19.27	19.36	20.50
15	16QAM	1	74	19.39	19.46	19.28	20.50
15	16QAM	36	0	19.37	19.24	19.22	20.50
15	16QAM	36	20	19.27	19.35	19.28	20.50
15	16QAM	36	39	19.27	19.38	19.25	20.50
15	16QAM	75	0	19.23	19.19	19.34	20.50
15	64QAM	1	0	19.30	19.32	19.38	20.50
15	64QAM	1	37	19.28	19.31	19.32	20.50
15	64QAM	1	74	19.35	19.37	19.35	20.50
15	64QAM	36	0	19.30	19.40	19.36	20.50
15	64QAM	36	20	19.27	19.27	19.30	20.50
15	64QAM	36	39	19.31	19.44	19.37	20.50
15	64QAM	75	0	19.18	19.26	19.38	20.50
15	256QAM	1	0	17.94	18.05	18.08	19.00
15	256QAM	1	37	17.92	18.06	18.06	19.00
15	256QAM	1	74	18.06	18.09	17.88	19.00
15	256QAM	36	0	17.97	18.04	17.97	19.00
15	256QAM	36	20	17.95	18.02	17.85	19.00
15	256QAM	36	39	17.93	18.04	18.06	19.00
15	256QAM	75	0	17.90	18.07	17.89	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.28	19.39	19.31	20.50
10	QPSK	1	25	19.32	19.34	19.38	20.50
10	QPSK	1	49	19.39	19.31	19.38	20.50
10	QPSK	25	0	19.34	19.35	19.35	20.50
10	QPSK	25	12	19.37	19.45	19.31	20.50
10	QPSK	25	25	19.31	19.31	19.30	20.50
10	QPSK	50	0	19.23	19.44	19.30	20.50
10	16QAM	1	0	19.30	19.32	19.45	20.50
10	16QAM	1	25	19.23	19.24	19.45	20.50

10	16QAM	1	49	19.36	19.42	19.39	20.50
10	16QAM	25	0	19.34	19.32	19.27	20.50
10	16QAM	25	12	19.31	19.32	19.39	20.50
10	16QAM	25	25	19.38	19.41	19.26	20.50
10	16QAM	50	0	19.25	19.21	19.38	20.50
10	64QAM	1	0	19.38	19.32	19.46	20.50
10	64QAM	1	25	19.27	19.34	19.31	20.50
10	64QAM	1	49	19.32	19.32	19.41	20.50
10	64QAM	25	0	19.19	19.35	19.32	20.50
10	64QAM	25	12	19.30	19.29	19.32	20.50
10	64QAM	25	25	19.31	19.41	19.38	20.50
10	64QAM	50	0	19.23	19.28	19.30	20.50
10	256QAM	1	0	17.87	18.07	18.00	19.00
10	256QAM	1	25	17.98	18.08	18.01	19.00
10	256QAM	1	49	18.11	18.13	17.91	19.00
10	256QAM	25	0	17.91	17.95	17.91	19.00
10	256QAM	25	12	17.90	17.93	17.87	19.00
10	256QAM	25	25	18.01	18.07	18.06	19.00
10	256QAM	50	0	17.83	17.97	17.96	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.40	19.34	19.44	20.50
5	QPSK	1	12	19.38	19.40	19.41	20.50
5	QPSK	1	24	19.31	19.33	19.39	20.50
5	QPSK	12	0	19.29	19.40	19.42	20.50
5	QPSK	12	7	19.26	19.38	19.32	20.50
5	QPSK	12	13	19.25	19.37	19.32	20.50
5	QPSK	25	0	19.26	19.35	19.33	20.50
5	16QAM	1	0	19.19	19.35	19.42	20.50
5	16QAM	1	12	19.22	19.28	19.39	20.50
5	16QAM	1	24	19.28	19.35	19.28	20.50
5	16QAM	12	0	19.24	19.28	19.31	20.50
5	16QAM	12	7	19.35	19.30	19.37	20.50
5	16QAM	12	13	19.36	19.41	19.34	20.50
5	16QAM	25	0	19.28	19.32	19.38	20.50
5	64QAM	1	0	19.38	19.30	19.44	20.50
5	64QAM	1	12	19.32	19.31	19.30	20.50
5	64QAM	1	24	19.26	19.36	19.42	20.50
5	64QAM	12	0	19.32	19.38	19.35	20.50
5	64QAM	12	7	19.21	19.26	19.34	20.50
5	64QAM	12	13	19.24	19.41	19.41	20.50
5	64QAM	25	0	19.18	19.30	19.34	20.50
5	256QAM	1	0	17.87	18.04	18.12	19.00
5	256QAM	1	12	17.96	18.07	17.99	19.00
5	256QAM	1	24	18.10	18.01	17.87	19.00
5	256QAM	12	0	17.92	18.01	17.90	19.00
5	256QAM	12	7	17.92	18.03	17.89	19.00
5	256QAM	12	13	18.07	18.02	18.00	19.00
5	256QAM	25	0	17.89	17.95	17.96	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.30	19.34	19.36	20.50
3	QPSK	1	8	19.44	19.35	19.43	20.50
3	QPSK	1	14	19.36	19.31	19.31	20.50
3	QPSK	8	0	19.32	19.40	19.37	20.50
3	QPSK	8	4	19.33	19.39	19.40	20.50
3	QPSK	8	7	19.22	19.42	19.27	20.50
3	QPSK	15	0	19.34	19.33	19.27	20.50
3	16QAM	1	0	19.29	19.26	19.46	20.50
3	16QAM	1	8	19.21	19.34	19.40	20.50
3	16QAM	1	14	19.33	19.40	19.37	20.50
3	16QAM	8	0	19.38	19.24	19.26	20.50
3	16QAM	8	4	19.26	19.32	19.40	20.50
3	16QAM	8	7	19.38	19.40	19.34	20.50
3	16QAM	15	0	19.36	19.21	19.35	20.50
3	64QAM	1	0	19.41	19.31	19.38	20.50
3	64QAM	1	8	19.25	19.38	19.32	20.50
3	64QAM	1	14	19.26	19.39	19.40	20.50
3	64QAM	8	0	19.21	19.33	19.28	20.50
3	64QAM	8	4	19.34	19.23	19.30	20.50
3	64QAM	8	7	19.29	19.41	19.43	20.50
3	64QAM	15	0	19.27	19.36	19.44	20.50
3	256QAM	1	0	17.97	18.08	18.01	19.00
3	256QAM	1	8	18.02	17.98	18.00	19.00
3	256QAM	1	14	18.04	18.09	17.99	19.00
3	256QAM	8	0	17.93	17.98	17.96	19.00
3	256QAM	8	4	17.97	17.96	17.86	19.00
3	256QAM	8	7	18.06	18.06	17.97	19.00

3	256QAM	15	0	17.80	18.07	18.00	19.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.29	19.27	19.35	20.50
1.4	QPSK	1	3	19.30	19.41	19.46	20.50
1.4	QPSK	1	5	19.42	19.20	19.27	20.50
1.4	QPSK	3	0	19.36	19.39	19.39	20.50
1.4	QPSK	3	1	19.27	19.34	19.34	20.50
1.4	QPSK	3	3	19.28	19.41	19.22	20.50
1.4	QPSK	6	0	19.29	19.42	19.37	20.50
1.4	16QAM	1	0	19.24	19.23	19.41	20.50
1.4	16QAM	1	3	19.16	19.26	19.45	20.50
1.4	16QAM	1	5	19.38	19.37	19.39	20.50
1.4	16QAM	3	0	19.29	19.33	19.28	20.50
1.4	16QAM	3	1	19.32	19.32	19.27	20.50
1.4	16QAM	3	3	19.39	19.34	19.37	20.50
1.4	16QAM	6	0	19.30	19.26	19.38	20.50
1.4	64QAM	1	0	19.34	19.38	19.43	20.50
1.4	64QAM	1	3	19.22	19.35	19.27	20.50
1.4	64QAM	1	5	19.22	19.37	19.41	20.50
1.4	64QAM	3	0	19.28	19.46	19.40	20.50
1.4	64QAM	3	1	19.28	19.29	19.30	20.50
1.4	64QAM	3	3	19.21	19.45	19.48	20.50
1.4	64QAM	6	0	19.31	19.36	19.34	20.50
1.4	256QAM	1	0	17.89	18.00	17.87	19.00
1.4	256QAM	1	3	17.88	17.99	17.94	19.00
1.4	256QAM	1	5	17.98	17.87	17.93	19.00
1.4	256QAM	3	0	17.85	17.93	17.83	19.00
1.4	256QAM	3	1	17.78	17.80	17.83	19.00
1.4	256QAM	3	3	17.90	17.84	18.03	19.00
1.4	256QAM	6	0	17.72	17.88	17.94	19.00

【LTE Band 2_Ant 0_PA_Reference Designator_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.35	20.44	20.28	22.00
20	QPSK	1	49	20.50	20.59	20.40	22.00
20	QPSK	1	99	20.40	20.53	20.25	22.00
20	QPSK	50	0	20.37	20.51	20.29	22.00
20	QPSK	50	24	20.47	20.55	20.38	22.00
20	QPSK	50	50	20.32	20.52	20.31	22.00
20	QPSK	100	0	20.44	20.49	20.34	22.00
20	16QAM	1	0	20.40	20.46	20.35	22.00
20	16QAM	1	49	20.48	20.56	20.25	22.00
20	16QAM	1	99	20.35	20.51	20.34	22.00
20	16QAM	50	0	20.47	20.50	20.31	22.00
20	16QAM	50	24	20.37	20.53	20.38	22.00
20	16QAM	50	50	20.40	20.53	20.27	22.00
20	16QAM	100	0	20.37	20.56	20.27	22.00
20	64QAM	1	0	20.42	20.52	20.31	22.00
20	64QAM	1	49	20.49	20.53	20.29	22.00
20	64QAM	1	99	20.41	20.54	20.35	22.00
20	64QAM	50	0	19.80	19.94	19.89	21.00
20	64QAM	50	24	19.91	19.92	19.82	21.00
20	64QAM	50	50	19.97	20.07	20.04	21.00
20	64QAM	100	0	19.91	19.96	19.83	21.00
20	256QAM	1	0	18.01	18.16	18.15	19.00
20	256QAM	1	49	18.05	18.11	18.07	19.00
20	256QAM	1	99	18.14	18.15	18.01	19.00
20	256QAM	50	0	18.04	18.10	18.05	19.00
20	256QAM	50	24	18.00	18.06	17.91	19.00
20	256QAM	50	50	18.08	18.09	18.07	19.00
20	256QAM	100	0	17.95	18.09	18.04	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	20.31	20.29	20.13	22.00
15	QPSK	1	37	20.36	20.49	20.28	22.00
15	QPSK	1	74	20.37	20.51	20.24	22.00
15	QPSK	36	0	20.27	20.43	20.25	22.00
15	QPSK	36	20	20.38	20.44	20.24	22.00
15	QPSK	36	39	20.19	20.50	20.28	22.00

15	QPSK	75	0	20.39	20.41	20.22	22.00
15	16QAM	1	0	20.28	20.44	20.27	22.00
15	16QAM	1	37	20.37	20.54	20.22	22.00
15	16QAM	1	74	20.28	20.37	20.32	22.00
15	16QAM	36	0	20.44	20.49	20.19	22.00
15	16QAM	36	20	20.34	20.52	20.30	22.00
15	16QAM	36	39	20.31	20.48	20.17	22.00
15	16QAM	75	0	20.33	20.46	20.18	22.00
15	64QAM	1	0	20.36	20.46	20.26	22.00
15	64QAM	1	37	20.43	20.39	20.17	22.00
15	64QAM	1	74	20.36	20.42	20.33	22.00
15	64QAM	36	0	19.74	19.89	19.86	21.00
15	64QAM	36	20	19.80	19.80	19.70	21.00
15	64QAM	36	39	19.83	19.93	20.01	21.00
15	64QAM	75	0	19.90	19.85	19.75	21.00
15	256QAM	1	0	17.94	18.05	18.08	19.00
15	256QAM	1	37	17.92	18.06	18.06	19.00
15	256QAM	1	74	18.06	18.09	17.88	19.00
15	256QAM	36	0	17.97	18.04	17.97	19.00
15	256QAM	36	20	17.95	18.02	17.85	19.00
15	256QAM	36	39	17.93	18.04	18.06	19.00
15	256QAM	75	0	17.90	18.07	17.89	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.24	20.36	20.18	22.00
10	QPSK	1	25	20.38	20.52	20.38	22.00
10	QPSK	1	49	20.37	20.48	20.24	22.00
10	QPSK	25	0	20.22	20.42	20.16	22.00
10	QPSK	25	12	20.46	20.46	20.37	22.00
10	QPSK	25	25	20.19	20.43	20.25	22.00
10	QPSK	50	0	20.42	20.42	20.21	22.00
10	16QAM	1	0	20.28	20.43	20.24	22.00
10	16QAM	1	25	20.34	20.45	20.12	22.00
10	16QAM	1	49	20.21	20.49	20.24	22.00
10	16QAM	25	0	20.39	20.44	20.17	22.00
10	16QAM	25	12	20.35	20.41	20.30	22.00
10	16QAM	25	25	20.39	20.38	20.14	22.00
10	16QAM	50	0	20.30	20.53	20.16	22.00
10	64QAM	1	0	20.32	20.37	20.29	22.00
10	64QAM	1	25	20.44	20.42	20.22	22.00
10	64QAM	1	49	20.39	20.52	20.23	22.00
10	64QAM	25	0	19.73	19.87	19.81	21.00
10	64QAM	25	12	19.89	19.91	19.73	21.00
10	64QAM	25	25	19.87	19.99	19.91	21.00
10	64QAM	50	0	19.83	19.82	19.71	21.00
10	256QAM	1	0	17.87	18.07	18.00	19.00
10	256QAM	1	25	17.98	18.08	18.01	19.00
10	256QAM	1	49	18.11	18.13	17.91	19.00
10	256QAM	25	0	17.91	17.95	17.91	19.00
10	256QAM	25	12	17.90	17.93	17.87	19.00
10	256QAM	25	25	18.01	18.07	18.06	19.00
10	256QAM	50	0	17.83	17.97	17.96	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.27	20.31	20.26	22.00
5	QPSK	1	12	20.41	20.54	20.39	22.00
5	QPSK	1	24	20.37	20.46	20.16	22.00
5	QPSK	12	0	20.33	20.47	20.16	22.00
5	QPSK	12	7	20.38	20.44	20.34	22.00
5	QPSK	12	13	20.20	20.46	20.27	22.00
5	QPSK	25	0	20.38	20.40	20.29	22.00
5	16QAM	1	0	20.26	20.42	20.21	22.00
5	16QAM	1	12	20.45	20.44	20.24	22.00
5	16QAM	1	24	20.34	20.45	20.24	22.00
5	16QAM	12	0	20.44	20.43	20.23	22.00
5	16QAM	12	7	20.28	20.45	20.37	22.00
5	16QAM	12	13	20.34	20.50	20.16	22.00
5	16QAM	25	0	20.31	20.54	20.12	22.00
5	64QAM	1	0	20.27	20.48	20.29	22.00
5	64QAM	1	12	20.45	20.39	20.25	22.00
5	64QAM	1	24	20.34	20.41	20.28	22.00
5	64QAM	12	0	19.74	19.91	19.78	21.00
5	64QAM	12	7	19.89	19.81	19.73	21.00
5	64QAM	12	13	19.85	19.95	19.97	21.00
5	64QAM	25	0	19.86	19.88	19.79	21.00
5	256QAM	1	0	17.87	18.04	18.12	19.00
5	256QAM	1	12	17.96	18.07	17.99	19.00
5	256QAM	1	24	18.10	18.01	17.87	19.00

5	256QAM	12	0	17.92	18.01	17.90	19.00
5	256QAM	12	7	17.92	18.03	17.89	19.00
5	256QAM	12	13	18.07	18.02	18.00	19.00
5	256QAM	25	0	17.89	17.95	17.96	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.28	20.29	20.22	22.00
3	QPSK	1	8	20.42	20.48	20.38	22.00
3	QPSK	1	14	20.30	20.45	20.21	22.00
3	QPSK	8	0	20.30	20.38	20.20	22.00
3	QPSK	8	4	20.45	20.51	20.36	22.00
3	QPSK	8	7	20.19	20.37	20.20	22.00
3	QPSK	15	0	20.36	20.46	20.30	22.00
3	16QAM	1	0	20.30	20.34	20.22	22.00
3	16QAM	1	8	20.34	20.47	20.13	22.00
3	16QAM	1	14	20.34	20.49	20.25	22.00
3	16QAM	8	0	20.45	20.41	20.24	22.00
3	16QAM	8	4	20.27	20.42	20.24	22.00
3	16QAM	8	7	20.35	20.51	20.18	22.00
3	16QAM	15	0	20.25	20.42	20.26	22.00
3	64QAM	1	0	20.27	20.44	20.29	22.00
3	64QAM	1	8	20.37	20.48	20.22	22.00
3	64QAM	1	14	20.26	20.48	20.29	22.00
3	64QAM	8	0	19.76	19.88	19.82	21.00
3	64QAM	8	4	19.77	19.77	19.69	21.00
3	64QAM	8	7	19.96	19.95	19.93	21.00
3	64QAM	15	0	19.87	19.94	19.79	21.00
3	256QAM	1	0	17.97	18.08	18.01	19.00
3	256QAM	1	8	18.02	17.98	18.00	19.00
3	256QAM	1	14	18.04	18.09	17.99	19.00
3	256QAM	8	0	17.93	17.98	17.96	19.00
3	256QAM	8	4	17.97	17.96	17.86	19.00
3	256QAM	8	7	18.06	18.06	17.97	19.00
3	256QAM	15	0	17.80	18.07	18.00	19.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	20.22	20.33	20.16	22.00
1.4	QPSK	1	3	20.41	20.55	20.34	22.00
1.4	QPSK	1	5	20.39	20.45	20.19	22.00
1.4	QPSK	3	0	20.22	20.32	20.22	22.00
1.4	QPSK	3	1	20.40	20.58	20.38	22.00
1.4	QPSK	3	3	20.31	20.44	20.18	22.00
1.4	QPSK	6	0	20.35	20.41	20.16	22.00
1.4	16QAM	1	0	20.34	20.54	20.26	22.00
1.4	16QAM	1	3	20.22	20.46	20.24	22.00
1.4	16QAM	1	5	20.29	20.37	20.27	22.00
1.4	16QAM	3	0	20.28	20.40	20.25	22.00
1.4	16QAM	3	1	20.33	20.51	20.21	22.00
1.4	16QAM	3	3	20.33	20.36	20.26	22.00
1.4	16QAM	6	0	20.42	20.37	20.27	22.00
1.4	64QAM	1	0	20.26	20.52	20.26	22.00
1.4	64QAM	1	3	20.29	20.38	20.16	22.00
1.4	64QAM	1	5	20.35	20.53	20.23	22.00
1.4	64QAM	3	0	20.32	20.51	20.24	21.00
1.4	64QAM	3	1	20.43	20.39	20.22	21.00
1.4	64QAM	3	3	20.28	20.48	20.29	21.00
1.4	64QAM	6	0	19.74	19.85	19.59	21.00
1.4	256QAM	1	0	17.89	18.00	17.87	19.00
1.4	256QAM	1	3	17.88	17.99	17.94	19.00
1.4	256QAM	1	5	17.98	17.87	17.93	19.00
1.4	256QAM	3	0	17.85	17.93	17.83	19.00
1.4	256QAM	3	1	17.78	17.80	17.83	19.00
1.4	256QAM	3	3	17.90	17.84	18.03	19.00
1.4	256QAM	6	0	17.72	17.88	17.94	19.00

【LTE Band 2_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.68	22.72	22.55	24.00
20	QPSK	1	49	22.74	22.83	22.62	24.00
20	QPSK	1	99	22.70	22.81	22.60	24.00
20	QPSK	50	0	22.10	22.14	21.95	23.00
20	QPSK	50	24	22.11	22.16	22.05	23.00
20	QPSK	50	50	21.97	22.08	21.91	23.00
20	QPSK	100	0	22.01	22.13	22.02	23.00
20	16QAM	1	0	22.26	22.39	22.15	23.00
20	16QAM	1	49	22.36	22.37	22.17	23.00
20	16QAM	1	99	22.25	22.33	22.12	23.00
20	16QAM	50	0	21.05	21.06	20.91	22.00
20	16QAM	50	24	21.08	21.15	20.93	22.00
20	16QAM	50	50	21.06	21.19	21.03	22.00
20	16QAM	100	0	21.06	21.21	21.02	22.00
20	64QAM	1	0	21.27	21.31	21.13	22.00
20	64QAM	1	49	21.12	21.27	21.15	22.00
20	64QAM	1	99	21.20	21.29	21.08	22.00
20	64QAM	50	0	19.99	20.09	19.85	21.00
20	64QAM	50	24	20.05	20.14	19.89	21.00
20	64QAM	50	50	19.99	20.14	19.96	21.00
20	64QAM	100	0	20.10	20.21	20.04	21.00
20	256QAM	1	0	18.15	18.16	18.02	19.00
20	256QAM	1	49	18.24	18.29	18.17	19.00
20	256QAM	1	99	18.13	18.24	18.02	19.00
20	256QAM	50	0	17.99	18.14	17.90	19.00
20	256QAM	50	24	17.92	18.07	17.85	19.00
20	256QAM	50	50	18.18	18.20	18.04	19.00
20	256QAM	100	0	18.10	18.16	17.96	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.62	22.71	22.48	24.00
15	QPSK	1	37	22.59	22.76	22.50	24.00
15	QPSK	1	74	22.57	22.76	22.49	24.00
15	QPSK	36	0	21.98	21.99	21.92	23.00
15	QPSK	36	20	21.96	22.04	21.94	23.00
15	QPSK	36	39	21.94	21.93	21.90	23.00
15	QPSK	75	0	21.87	22.05	21.90	23.00
15	16QAM	1	0	22.15	22.32	22.08	23.00
15	16QAM	1	37	22.25	22.27	22.08	23.00
15	16QAM	1	74	22.19	22.31	22.02	23.00
15	16QAM	36	0	20.95	21.02	20.89	22.00
15	16QAM	36	20	21.07	21.02	20.79	22.00
15	16QAM	36	39	21.01	21.07	21.01	22.00
15	16QAM	75	0	20.99	21.06	21.01	22.00
15	64QAM	1	0	21.22	21.16	21.03	22.00
15	64QAM	1	37	21.08	21.18	21.13	22.00
15	64QAM	1	74	21.11	21.19	21.04	22.00
15	64QAM	36	0	19.84	20.02	19.79	21.00
15	64QAM	36	20	19.94	20.07	19.86	21.00
15	64QAM	36	39	19.86	19.99	19.94	21.00
15	64QAM	75	0	20.07	20.14	19.90	21.00
15	256QAM	1	0	18.14	18.11	17.89	19.00
15	256QAM	1	37	18.13	18.28	18.09	19.00
15	256QAM	1	74	18.03	18.22	17.96	19.00
15	256QAM	36	0	17.87	18.13	17.86	19.00
15	256QAM	36	20	17.87	18.02	17.78	19.00
15	256QAM	36	39	18.08	18.19	17.92	19.00
15	256QAM	75	0	17.99	18.05	17.95	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.53	22.63	22.50	24.00
10	QPSK	1	25	22.60	22.72	22.49	24.00
10	QPSK	1	49	22.59	22.74	22.53	24.00
10	QPSK	25	0	21.95	22.01	21.87	23.00
10	QPSK	25	12	22.07	22.13	22.04	23.00
10	QPSK	25	25	21.91	21.94	21.90	23.00
10	QPSK	50	0	21.95	22.12	21.97	23.00
10	16QAM	1	0	22.11	22.29	22.14	23.00
10	16QAM	1	25	22.26	22.31	22.10	23.00
10	16QAM	1	49	22.23	22.31	22.11	23.00

10	16QAM	25	0	20.97	21.01	20.83	22.00
10	16QAM	25	12	20.93	21.00	20.91	22.00
10	16QAM	25	25	20.99	21.18	21.02	22.00
10	16QAM	50	0	21.00	21.15	20.96	22.00
10	64QAM	1	0	21.15	21.17	20.99	22.00
10	64QAM	1	25	21.07	21.26	21.00	22.00
10	64QAM	1	49	21.19	21.14	21.04	22.00
10	64QAM	25	0	19.89	20.08	19.70	21.00
10	64QAM	25	12	19.98	20.00	19.84	21.00
10	64QAM	25	25	19.93	20.09	19.95	21.00
10	64QAM	50	0	20.02	20.20	20.03	21.00
10	256QAM	1	0	18.11	18.09	17.99	19.00
10	256QAM	1	25	18.09	18.17	18.03	19.00
10	256QAM	1	49	18.11	18.15	17.87	19.00
10	256QAM	25	0	17.84	18.08	17.80	19.00
10	256QAM	25	12	17.80	18.06	17.78	19.00
10	256QAM	25	25	18.09	18.09	18.03	19.00
10	256QAM	50	0	17.99	18.10	17.83	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.57	22.69	22.51	24.00
5	QPSK	1	12	22.65	22.75	22.59	24.00
5	QPSK	1	24	22.68	22.78	22.51	24.00
5	QPSK	12	0	22.06	22.01	21.89	23.00
5	QPSK	12	7	22.10	22.09	21.94	23.00
5	QPSK	12	13	21.87	22.06	21.78	23.00
5	QPSK	25	0	21.87	22.00	22.01	23.00
5	16QAM	1	0	22.24	22.36	22.04	23.00
5	16QAM	1	12	22.25	22.23	22.05	23.00
5	16QAM	1	24	22.15	22.32	21.97	23.00
5	16QAM	12	0	20.92	21.01	20.88	22.00
5	16QAM	12	7	21.03	21.07	20.85	22.00
5	16QAM	12	13	20.97	21.12	21.02	22.00
5	16QAM	25	0	21.05	21.06	20.98	22.00
5	64QAM	1	0	21.20	21.22	21.00	22.00
5	64QAM	1	12	21.09	21.15	21.09	22.00
5	64QAM	1	24	21.06	21.23	20.94	22.00
5	64QAM	12	0	19.87	19.98	19.70	21.00
5	64QAM	12	7	20.04	20.08	19.76	21.00
5	64QAM	12	13	19.95	20.11	19.88	21.00
5	64QAM	25	0	19.96	20.20	20.01	21.00
5	256QAM	1	0	18.06	18.06	17.99	19.00
5	256QAM	1	12	18.23	18.17	18.03	19.00
5	256QAM	1	24	18.06	18.11	17.97	19.00
5	256QAM	12	0	17.86	18.12	17.85	19.00
5	256QAM	12	7	17.86	17.98	17.79	19.00
5	256QAM	12	13	18.04	18.11	17.90	19.00
5	256QAM	25	0	17.95	18.05	17.82	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.63	22.58	22.49	24.00
3	QPSK	1	8	22.73	22.69	22.57	24.00
3	QPSK	1	14	22.64	22.67	22.48	24.00
3	QPSK	8	0	22.07	22.06	21.91	23.00
3	QPSK	8	4	22.02	22.01	21.97	23.00
3	QPSK	8	7	21.94	21.93	21.81	23.00
3	QPSK	15	0	21.86	22.09	21.89	23.00
3	16QAM	1	0	22.11	22.26	22.07	23.00
3	16QAM	1	8	22.35	22.36	22.03	23.00
3	16QAM	1	14	22.19	22.20	22.01	23.00
3	16QAM	8	0	21.01	20.97	20.78	22.00
3	16QAM	8	4	20.94	21.11	20.83	22.00
3	16QAM	8	7	21.05	21.04	21.01	22.00
3	16QAM	15	0	21.05	21.20	20.96	22.00
3	64QAM	1	0	21.26	21.21	21.01	22.00
3	64QAM	1	8	21.05	21.15	21.10	22.00
3	64QAM	1	14	21.16	21.23	21.06	22.00
3	64QAM	8	0	19.93	20.02	19.74	21.00
3	64QAM	8	4	20.01	20.12	19.76	21.00
3	64QAM	8	7	19.86	20.06	19.92	21.00
3	64QAM	15	0	19.96	20.16	19.97	21.00
3	256QAM	1	0	18.12	18.10	17.90	19.00
3	256QAM	1	8	18.17	18.18	18.13	19.00
3	256QAM	1	14	18.05	18.21	18.01	19.00
3	256QAM	8	0	17.85	18.12	17.75	19.00
3	256QAM	8	4	17.81	18.00	17.81	19.00
3	256QAM	8	7	18.11	18.06	18.03	19.00
3	256QAM	15	0	18.09	18.06	17.82	19.00

Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.60	22.48	22.49	24.00
1.4	QPSK	1	3	22.63	22.59	22.48	24.00
1.4	QPSK	1	5	22.60	22.59	22.53	24.00
1.4	QPSK	3	0	22.63	22.60	22.57	24.00
1.4	QPSK	3	1	22.63	22.82	22.54	24.00
1.4	QPSK	3	3	22.49	22.66	22.45	24.00
1.4	QPSK	6	0	21.84	22.01	21.75	23.00
1.4	16QAM	1	0	21.99	22.21	21.95	23.00
1.4	16QAM	1	3	22.18	22.28	21.99	23.00
1.4	16QAM	1	5	22.07	22.26	21.94	23.00
1.4	16QAM	3	0	21.94	21.93	21.76	23.00
1.4	16QAM	3	1	21.94	21.91	21.75	23.00
1.4	16QAM	3	3	21.94	21.95	21.91	23.00
1.4	16QAM	6	0	20.84	21.05	20.80	22.00
1.4	64QAM	1	0	21.18	21.21	21.06	22.00
1.4	64QAM	1	3	20.99	21.13	21.04	22.00
1.4	64QAM	1	5	20.96	21.05	20.93	22.00
1.4	64QAM	3	0	20.73	20.80	20.63	22.00
1.4	64QAM	3	1	20.86	20.97	20.57	22.00
1.4	64QAM	3	3	20.77	20.99	20.83	22.00
1.4	64QAM	6	0	19.88	20.11	19.91	21.00
1.4	256QAM	1	0	18.04	17.93	17.81	19.00
1.4	256QAM	1	3	18.02	18.08	17.94	19.00
1.4	256QAM	1	5	17.88	18.08	17.87	19.00
1.4	256QAM	3	0	17.82	17.95	17.83	19.00
1.4	256QAM	3	1	17.83	17.88	17.77	19.00
1.4	256QAM	3	3	18.00	18.03	17.94	19.00
1.4	256QAM	6	0	17.97	17.95	17.82	19.00

【LTE Band 2_Ant 0_PA_Reference Designator_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.97	23.03	22.92	24.00
20	QPSK	1	49	23.04	23.05	22.96	24.00
20	QPSK	1	99	22.84	22.88	22.84	24.00
20	QPSK	50	0	21.80	21.95	21.91	23.00
20	QPSK	50	24	21.96	22.00	21.93	23.00
20	QPSK	50	50	21.95	21.97	21.82	23.00
20	QPSK	100	0	21.84	21.92	21.77	23.00
20	16QAM	1	0	21.87	21.97	21.82	23.00
20	16QAM	1	49	21.85	21.96	21.87	23.00
20	16QAM	1	99	21.71	21.84	21.81	23.00
20	16QAM	50	0	20.79	20.90	20.86	22.00
20	16QAM	50	24	20.87	20.93	20.80	22.00
20	16QAM	50	50	20.91	20.97	20.84	22.00
20	16QAM	100	0	20.87	20.96	20.93	22.00
20	64QAM	1	0	20.81	20.82	20.74	22.00
20	64QAM	1	49	20.80	20.94	20.85	22.00
20	64QAM	1	99	20.75	20.79	20.74	22.00
20	64QAM	50	0	19.80	19.94	19.89	21.00
20	64QAM	50	24	19.91	19.92	19.82	21.00
20	64QAM	50	50	19.97	20.07	20.04	21.00
20	64QAM	100	0	19.91	19.96	19.83	21.00
20	256QAM	1	0	18.01	18.16	18.15	19.00
20	256QAM	1	49	18.05	18.11	18.07	19.00
20	256QAM	1	99	18.14	18.15	18.01	19.00
20	256QAM	50	0	18.04	18.10	18.05	19.00
20	256QAM	50	24	18.00	18.06	17.91	19.00
20	256QAM	50	50	18.08	18.09	18.07	19.00
20	256QAM	100	0	17.95	18.09	18.04	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.91	22.90	22.81	24.00
15	QPSK	1	37	22.99	22.90	22.87	24.00
15	QPSK	1	74	22.79	22.84	22.74	24.00
15	QPSK	36	0	21.73	21.94	21.81	23.00
15	QPSK	36	20	21.84	21.96	21.80	23.00
15	QPSK	36	39	21.94	21.95	21.77	23.00
15	QPSK	75	0	21.83	21.78	21.67	23.00

15	16QAM	1	0	21.86	21.85	21.68	23.00
15	16QAM	1	37	21.70	21.86	21.80	23.00
15	16QAM	1	74	21.68	21.79	21.71	23.00
15	16QAM	36	0	20.65	20.75	20.79	22.00
15	16QAM	36	20	20.81	20.84	20.66	22.00
15	16QAM	36	39	20.81	20.93	20.79	22.00
15	16QAM	75	0	20.75	20.88	20.85	22.00
15	64QAM	1	0	20.78	20.69	20.68	22.00
15	64QAM	1	37	20.73	20.88	20.78	22.00
15	64QAM	1	74	20.65	20.65	20.71	22.00
15	64QAM	36	0	19.74	19.89	19.86	21.00
15	64QAM	36	20	19.80	19.80	19.70	21.00
15	64QAM	36	39	19.83	19.93	20.01	21.00
15	64QAM	75	0	19.90	19.85	19.75	21.00
15	256QAM	1	0	17.94	18.05	18.08	19.00
15	256QAM	1	37	17.92	18.06	18.06	19.00
15	256QAM	1	74	18.06	18.09	17.88	19.00
15	256QAM	36	0	17.97	18.04	17.97	19.00
15	256QAM	36	20	17.95	18.02	17.85	19.00
15	256QAM	36	39	17.93	18.04	18.06	19.00
15	256QAM	75	0	17.90	18.07	17.89	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.90	22.88	22.84	24.00
10	QPSK	1	25	22.91	22.96	22.89	24.00
10	QPSK	1	49	22.74	22.79	22.83	24.00
10	QPSK	25	0	21.67	21.94	21.86	23.00
10	QPSK	25	12	21.81	21.99	21.83	23.00
10	QPSK	25	25	21.89	21.96	21.80	23.00
10	QPSK	50	0	21.74	21.83	21.71	23.00
10	16QAM	1	0	21.75	21.90	21.72	23.00
10	16QAM	1	25	21.79	21.92	21.84	23.00
10	16QAM	1	49	21.61	21.70	21.79	23.00
10	16QAM	25	0	20.78	20.88	20.77	22.00
10	16QAM	25	12	20.80	20.78	20.76	22.00
10	16QAM	25	25	20.78	20.89	20.79	22.00
10	16QAM	50	0	20.86	20.86	20.78	22.00
10	64QAM	1	0	20.67	20.75	20.65	22.00
10	64QAM	1	25	20.72	20.89	20.84	22.00
10	64QAM	1	49	20.69	20.70	20.67	22.00
10	64QAM	25	0	19.73	19.87	19.81	21.00
10	64QAM	25	12	19.89	19.91	19.73	21.00
10	64QAM	25	25	19.87	19.99	19.91	21.00
10	64QAM	50	0	19.83	19.82	19.71	21.00
10	256QAM	1	0	17.87	18.07	18.00	19.00
10	256QAM	1	25	17.98	18.08	18.01	19.00
10	256QAM	1	49	18.11	18.13	17.91	19.00
10	256QAM	25	0	17.91	17.95	17.91	19.00
10	256QAM	25	12	17.90	17.93	17.87	19.00
10	256QAM	25	25	18.01	18.07	18.06	19.00
10	256QAM	50	0	17.83	17.97	17.96	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.83	22.90	22.90	24.00
5	QPSK	1	12	22.91	22.99	22.86	24.00
5	QPSK	1	24	22.74	22.78	22.78	24.00
5	QPSK	12	0	21.76	21.80	21.77	23.00
5	QPSK	12	7	21.87	21.96	21.86	23.00
5	QPSK	12	13	21.90	21.91	21.80	23.00
5	QPSK	25	0	21.76	21.81	21.62	23.00
5	16QAM	1	0	21.74	21.86	21.68	23.00
5	16QAM	1	12	21.74	21.87	21.77	23.00
5	16QAM	1	24	21.70	21.80	21.75	23.00
5	16QAM	12	0	20.68	20.84	20.84	22.00
5	16QAM	12	7	20.82	20.84	20.69	22.00
5	16QAM	12	13	20.76	20.86	20.82	22.00
5	16QAM	25	0	20.75	20.90	20.79	22.00
5	64QAM	1	0	20.78	20.77	20.66	22.00
5	64QAM	1	12	20.71	20.83	20.71	22.00
5	64QAM	1	24	20.64	20.71	20.68	22.00
5	64QAM	12	0	19.74	19.91	19.78	21.00
5	64QAM	12	7	19.89	19.81	19.73	21.00
5	64QAM	12	13	19.85	19.95	19.97	21.00
5	64QAM	25	0	19.86	19.88	19.79	21.00
5	256QAM	1	0	17.87	18.04	18.12	19.00
5	256QAM	1	12	17.96	18.07	17.99	19.00
5	256QAM	1	24	18.10	18.01	17.87	19.00
5	256QAM	12	0	17.92	18.01	17.90	19.00

5	256QAM	12	7	17.92	18.03	17.89	19.00
5	256QAM	12	13	18.07	18.02	18.00	19.00
5	256QAM	25	0	17.89	17.95	17.96	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.86	22.91	22.90	24.00
3	QPSK	1	8	23.01	22.95	22.91	24.00
3	QPSK	1	14	22.71	22.80	22.77	24.00
3	QPSK	8	0	21.68	21.89	21.89	23.00
3	QPSK	8	4	21.88	21.99	21.78	23.00
3	QPSK	8	7	21.92	21.84	21.76	23.00
3	QPSK	15	0	21.72	21.90	21.68	23.00
3	16QAM	1	0	21.74	21.91	21.71	23.00
3	16QAM	1	8	21.79	21.93	21.83	23.00
3	16QAM	1	14	21.62	21.76	21.72	23.00
3	16QAM	8	0	20.74	20.82	20.85	22.00
3	16QAM	8	4	20.81	20.89	20.73	22.00
3	16QAM	8	7	20.84	20.84	20.72	22.00
3	16QAM	15	0	20.84	20.85	20.86	22.00
3	64QAM	1	0	20.69	20.81	20.60	22.00
3	64QAM	1	8	20.70	20.79	20.75	22.00
3	64QAM	1	14	20.70	20.68	20.69	22.00
3	64QAM	8	0	19.76	19.88	19.82	21.00
3	64QAM	8	4	19.77	19.77	19.69	21.00
3	64QAM	8	7	19.96	19.95	19.93	21.00
3	64QAM	15	0	19.87	19.94	19.79	21.00
3	256QAM	1	0	17.97	18.08	18.01	19.00
3	256QAM	1	8	18.02	17.98	18.00	19.00
3	256QAM	1	14	18.04	18.09	17.99	19.00
3	256QAM	8	0	17.93	17.98	17.96	19.00
3	256QAM	8	4	17.97	17.96	17.86	19.00
3	256QAM	8	7	18.06	18.06	17.97	19.00
3	256QAM	15	0	17.80	18.07	18.00	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.75	22.75	22.72	24.00
1.4	QPSK	1	3	22.90	22.76	22.68	24.00
1.4	QPSK	1	5	22.76	22.70	22.73	24.00
1.4	QPSK	3	0	22.56	22.73	22.74	24.00
1.4	QPSK	3	1	22.71	22.81	22.83	24.00
1.4	QPSK	3	3	22.88	22.67	22.76	24.00
1.4	QPSK	6	0	21.53	21.67	21.63	23.00
1.4	16QAM	1	0	21.68	21.83	21.60	23.00
1.4	16QAM	1	3	21.72	21.73	21.65	23.00
1.4	16QAM	1	5	21.70	21.62	21.61	23.00
1.4	16QAM	3	0	21.65	21.88	21.70	23.00
1.4	16QAM	3	1	21.73	21.79	21.55	23.00
1.4	16QAM	3	3	21.82	21.93	21.53	23.00
1.4	16QAM	6	0	20.81	20.77	20.75	22.00
1.4	64QAM	1	0	20.73	20.70	20.53	22.00
1.4	64QAM	1	3	20.65	20.79	20.69	22.00
1.4	64QAM	1	5	20.60	20.57	20.67	22.00
1.4	64QAM	3	0	20.55	20.76	20.84	22.00
1.4	64QAM	3	1	20.66	20.63	20.57	22.00
1.4	64QAM	3	3	20.81	20.84	20.82	22.00
1.4	64QAM	6	0	19.74	19.85	19.59	21.00
1.4	256QAM	1	0	17.89	18.00	17.87	19.00
1.4	256QAM	1	3	17.88	17.99	17.94	19.00
1.4	256QAM	1	5	17.98	17.87	17.93	19.00
1.4	256QAM	3	0	17.85	17.93	17.83	19.00
1.4	256QAM	3	1	17.78	17.80	17.83	19.00
1.4	256QAM	3	3	17.90	17.84	18.03	19.00
1.4	256QAM	6	0	17.72	17.88	17.94	19.00

【LTE Band 4_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		23.10		24.00
20	QPSK	1	49		23.12		24.00
20	QPSK	1	99		23.04		24.00
20	QPSK	50	0		22.16		23.00
20	QPSK	50	24		22.30		23.00
20	QPSK	50	50		22.25		23.00
20	QPSK	100	0		22.21		23.00
20	16QAM	1	0		22.40		23.00
20	16QAM	1	49		22.63		23.00
20	16QAM	1	99		22.44		23.00
20	16QAM	50	0		21.15		22.00
20	16QAM	50	24		21.17		22.00
20	16QAM	50	50		21.29		22.00
20	16QAM	100	0		21.22		22.00
20	64QAM	1	0		21.33		22.00
20	64QAM	1	49		21.31		22.00
20	64QAM	1	99		21.41		22.00
20	64QAM	50	0		20.21		21.00
20	64QAM	50	24		20.18		21.00
20	64QAM	50	50		20.26		21.00
20	64QAM	100	0		20.18		21.00
20	256QAM	1	0		18.22		19.00
20	256QAM	1	49		18.29		19.00
20	256QAM	1	99		18.44		19.00
20	256QAM	50	0		18.13		19.00
20	256QAM	50	24		18.22		19.00
20	256QAM	50	50		18.26		19.00
20	256QAM	100	0		18.19		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.94	22.99	22.93	24.00
15	QPSK	1	37	23.01	23.02	23.06	24.00
15	QPSK	1	74	22.94	22.89	22.98	24.00
15	QPSK	36	0	21.93	22.09	22.04	23.00
15	QPSK	36	20	22.11	22.25	22.08	23.00
15	QPSK	36	39	22.06	22.20	22.01	23.00
15	QPSK	75	0	22.00	22.09	22.04	23.00
15	16QAM	1	0	22.25	22.28	22.33	23.00
15	16QAM	1	37	22.50	22.50	22.47	23.00
15	16QAM	1	74	22.23	22.31	22.41	23.00
15	16QAM	36	0	21.01	21.05	20.91	22.00
15	16QAM	36	20	21.02	21.07	21.06	22.00
15	16QAM	36	39	21.16	21.25	21.18	22.00
15	16QAM	75	0	21.08	21.08	21.05	22.00
15	64QAM	1	0	21.26	21.30	21.14	22.00
15	64QAM	1	37	21.08	21.22	21.09	22.00
15	64QAM	1	74	21.20	21.36	21.15	22.00
15	64QAM	36	0	19.93	20.10	20.04	21.00
15	64QAM	36	20	20.00	20.11	20.03	21.00
15	64QAM	36	39	20.07	20.25	20.22	21.00
15	64QAM	75	0	19.90	20.03	20.05	21.00
15	256QAM	1	0	18.10	18.09	18.06	19.00
15	256QAM	1	37	18.07	18.24	18.22	19.00
15	256QAM	1	74	18.31	18.38	18.33	19.00
15	256QAM	36	0	18.06	18.07	17.85	19.00
15	256QAM	36	20	18.04	18.12	18.01	19.00
15	256QAM	36	39	18.13	18.16	18.17	19.00
15	256QAM	75	0	17.99	18.07	18.03	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.92	23.03	22.97	24.00
10	QPSK	1	25	23.03	23.00	22.95	24.00
10	QPSK	1	49	22.96	22.98	22.86	24.00
10	QPSK	25	0	21.96	22.09	22.01	23.00
10	QPSK	25	12	22.16	22.16	22.08	23.00
10	QPSK	25	25	22.12	22.11	22.11	23.00
10	QPSK	50	0	22.05	22.08	22.05	23.00
10	16QAM	1	0	22.33	22.38	22.26	23.00
10	16QAM	1	25	22.53	22.59	22.46	23.00
10	16QAM	1	49	22.31	22.35	22.41	23.00

10	16QAM	25	0	21.05	21.03	20.96	22.00
10	16QAM	25	12	21.07	21.04	21.07	22.00
10	16QAM	25	25	21.16	21.20	21.22	22.00
10	16QAM	50	0	21.06	21.07	21.03	22.00
10	64QAM	1	0	21.23	21.30	21.18	22.00
10	64QAM	1	25	21.16	21.25	21.06	22.00
10	64QAM	1	49	21.22	21.39	21.25	22.00
10	64QAM	25	0	19.97	20.07	20.01	21.00
10	64QAM	25	12	20.00	20.04	20.05	21.00
10	64QAM	25	25	20.16	20.16	20.21	21.00
10	64QAM	50	0	19.96	20.06	20.09	21.00
10	256QAM	1	0	18.05	18.09	18.07	19.00
10	256QAM	1	25	18.11	18.14	18.18	19.00
10	256QAM	1	49	18.36	18.41	18.35	19.00
10	256QAM	25	0	18.06	18.08	17.97	19.00
10	256QAM	25	12	18.06	18.13	18.05	19.00
10	256QAM	25	25	18.22	18.14	18.11	19.00
10	256QAM	50	0	18.10	18.06	17.92	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.88	23.01	22.99	24.00
5	QPSK	1	12	22.97	23.01	22.99	24.00
5	QPSK	1	24	22.84	22.94	22.89	24.00
5	QPSK	12	0	21.94	22.04	22.01	23.00
5	QPSK	12	7	22.08	22.25	22.03	23.00
5	QPSK	12	13	22.10	22.21	22.02	23.00
5	QPSK	25	0	21.99	22.20	22.04	23.00
5	16QAM	1	0	22.26	22.39	22.28	23.00
5	16QAM	1	12	22.59	22.60	22.47	23.00
5	16QAM	1	24	22.23	22.41	22.30	23.00
5	16QAM	12	0	21.03	21.06	21.00	22.00
5	16QAM	12	7	21.00	21.10	21.05	22.00
5	16QAM	12	13	21.08	21.24	21.23	22.00
5	16QAM	25	0	21.05	21.16	21.13	22.00
5	64QAM	1	0	21.17	21.24	21.21	22.00
5	64QAM	1	12	21.12	21.29	21.04	22.00
5	64QAM	1	24	21.28	21.27	21.17	22.00
5	64QAM	12	0	19.97	20.08	20.07	21.00
5	64QAM	12	7	19.93	20.04	20.03	21.00
5	64QAM	12	13	20.10	20.22	20.22	21.00
5	64QAM	25	0	19.95	20.16	20.06	21.00
5	256QAM	1	0	18.10	18.19	18.01	19.00
5	256QAM	1	12	18.13	18.25	18.12	19.00
5	256QAM	1	24	18.37	18.36	18.34	19.00
5	256QAM	12	0	18.07	18.03	17.91	19.00
5	256QAM	12	7	18.15	18.08	17.97	19.00
5	256QAM	12	13	18.20	18.14	18.21	19.00
5	256QAM	25	0	17.99	18.07	18.03	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.86	23.05	22.94	24.00
3	QPSK	1	8	23.03	23.02	23.06	24.00
3	QPSK	1	14	22.92	23.03	22.96	24.00
3	QPSK	8	0	21.91	22.07	21.99	23.00
3	QPSK	8	4	22.20	22.28	22.02	23.00
3	QPSK	8	7	22.03	22.16	22.06	23.00
3	QPSK	15	0	22.01	22.12	21.99	23.00
3	16QAM	1	0	22.22	22.37	22.29	23.00
3	16QAM	1	8	22.58	22.53	22.42	23.00
3	16QAM	1	14	22.20	22.35	22.38	23.00
3	16QAM	8	0	20.96	21.04	20.94	22.00
3	16QAM	8	4	20.95	21.08	21.00	22.00
3	16QAM	8	7	21.10	21.20	21.25	22.00
3	16QAM	15	0	21.19	21.18	21.15	22.00
3	64QAM	1	0	21.18	21.20	21.12	22.00
3	64QAM	1	8	21.16	21.23	21.14	22.00
3	64QAM	1	14	21.23	21.34	21.14	22.00
3	64QAM	8	0	19.93	20.12	20.02	21.00
3	64QAM	8	4	20.02	20.17	19.97	21.00
3	64QAM	8	7	20.17	20.19	20.13	21.00
3	64QAM	15	0	19.95	20.08	19.99	21.00
3	256QAM	1	0	18.09	18.07	18.05	19.00
3	256QAM	1	8	18.10	18.23	18.12	19.00
3	256QAM	1	14	18.28	18.30	18.30	19.00
3	256QAM	8	0	18.03	18.11	17.98	19.00
3	256QAM	8	4	18.17	18.21	18.01	19.00
3	256QAM	8	7	18.14	18.22	18.21	19.00
3	256QAM	15	0	18.10	18.05	18.04	19.00

Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.84	22.84	22.89	24.00
1.4	QPSK	1	3	22.79	22.88	22.92	24.00
1.4	QPSK	1	5	22.82	22.77	22.81	24.00
1.4	QPSK	3	0	22.83	22.97	22.77	24.00
1.4	QPSK	3	1	22.95	23.02	23.00	24.00
1.4	QPSK	3	3	22.98	23.07	22.94	24.00
1.4	QPSK	6	0	21.87	21.98	21.91	23.00
1.4	16QAM	1	0	22.21	22.13	22.13	23.00
1.4	16QAM	1	3	22.41	22.42	22.39	23.00
1.4	16QAM	1	5	22.18	22.16	22.18	23.00
1.4	16QAM	3	0	21.98	21.92	21.90	23.00
1.4	16QAM	3	1	21.90	21.94	22.00	23.00
1.4	16QAM	3	3	22.00	22.10	22.08	23.00
1.4	16QAM	6	0	21.03	21.02	20.89	22.00
1.4	64QAM	1	0	21.05	21.11	21.07	22.00
1.4	64QAM	1	3	21.09	21.17	21.03	22.00
1.4	64QAM	1	5	21.07	21.25	21.03	22.00
1.4	64QAM	3	0	20.83	20.99	21.04	22.00
1.4	64QAM	3	1	20.82	20.98	20.92	22.00
1.4	64QAM	3	3	20.99	21.05	21.10	22.00
1.4	64QAM	6	0	19.81	20.08	20.01	21.00
1.4	256QAM	1	0	18.00	17.94	17.96	19.00
1.4	256QAM	1	3	18.05	18.16	18.11	19.00
1.4	256QAM	1	5	18.17	18.34	18.29	19.00
1.4	256QAM	3	0	18.00	18.01	17.82	19.00
1.4	256QAM	3	1	17.94	18.09	17.92	19.00
1.4	256QAM	3	3	17.97	18.14	18.11	19.00
1.4	256QAM	6	0	18.02	17.97	17.84	19.00

【LTE Band 4_Ant 0_PA_Reference Designator_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				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		22.75		24.00
20	QPSK	1	49		22.80		24.00
20	QPSK	1	99		22.68		24.00
20	QPSK	50	0		21.72		23.00
20	QPSK	50	24		21.83		23.00
20	QPSK	50	50		21.77		23.00
20	QPSK	100	0		21.79		23.00
20	16QAM	1	0		21.78		23.00
20	16QAM	1	49		21.75		23.00
20	16QAM	1	99		21.70		23.00
20	16QAM	50	0		20.70		22.00
20	16QAM	50	24		20.74		22.00
20	16QAM	50	50		20.77		22.00
20	16QAM	100	0		20.81		22.00
20	64QAM	1	0		20.83		22.00
20	64QAM	1	49		20.79		22.00
20	64QAM	1	99		20.68		22.00
20	64QAM	50	0		19.69		21.00
20	64QAM	50	24		19.86		21.00
20	64QAM	50	50		19.76		21.00
20	64QAM	100	0		19.83		21.00
20	256QAM	1	0		17.99		19.00
20	256QAM	1	49		17.97		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.93		19.00
20	256QAM	50	24		17.85		19.00
20	256QAM	50	50		17.91		19.00
20	256QAM	100	0		17.90		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.60	22.74	22.56	24.00
15	QPSK	1	37	22.51	22.78	22.56	24.00
15	QPSK	1	74	22.51	22.53	22.50	24.00
15	QPSK	36	0	21.52	21.68	21.54	23.00
15	QPSK	36	20	21.60	21.72	21.62	23.00
15	QPSK	36	39	21.57	21.76	21.66	23.00
15	QPSK	75	0	21.66	21.68	21.71	23.00

15	16QAM	1	0	21.50	21.72	21.68	23.00
15	16QAM	1	37	21.57	21.64	21.62	23.00
15	16QAM	1	74	21.61	21.61	21.52	23.00
15	16QAM	36	0	20.64	20.66	20.55	22.00
15	16QAM	36	20	20.54	20.66	20.66	22.00
15	16QAM	36	39	20.64	20.75	20.66	22.00
15	16QAM	75	0	20.62	20.77	20.63	22.00
15	64QAM	1	0	20.76	20.74	20.63	22.00
15	64QAM	1	37	20.55	20.78	20.61	22.00
15	64QAM	1	74	20.51	20.65	20.50	22.00
15	64QAM	36	0	19.56	19.63	19.56	21.00
15	64QAM	36	20	19.78	19.84	19.71	21.00
15	64QAM	36	39	19.64	19.73	19.65	21.00
15	64QAM	75	0	19.68	19.73	19.63	21.00
15	256QAM	1	0	17.71	17.91	17.93	19.00
15	256QAM	1	37	17.82	17.90	17.92	19.00
15	256QAM	1	74	17.91	17.93	17.85	19.00
15	256QAM	36	0	17.83	17.88	17.67	19.00
15	256QAM	36	20	17.77	17.71	17.69	19.00
15	256QAM	36	39	17.71	17.87	17.76	19.00
15	256QAM	75	0	17.80	17.76	17.71	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.64	22.67	22.54	24.00
10	QPSK	1	25	22.60	22.72	22.63	24.00
10	QPSK	1	49	22.58	22.57	22.53	24.00
10	QPSK	25	0	21.51	21.58	21.58	23.00
10	QPSK	25	12	21.60	21.69	21.70	23.00
10	QPSK	25	25	21.63	21.67	21.55	23.00
10	QPSK	50	0	21.68	21.73	21.66	23.00
10	16QAM	1	0	21.54	21.68	21.73	23.00
10	16QAM	1	25	21.56	21.74	21.65	23.00
10	16QAM	1	49	21.50	21.61	21.59	23.00
10	16QAM	25	0	20.67	20.60	20.67	22.00
10	16QAM	25	12	20.49	20.73	20.54	22.00
10	16QAM	25	25	20.59	20.74	20.70	22.00
10	16QAM	50	0	20.56	20.79	20.64	22.00
10	64QAM	1	0	20.71	20.82	20.65	22.00
10	64QAM	1	25	20.59	20.64	20.62	22.00
10	64QAM	1	49	20.57	20.53	20.50	22.00
10	64QAM	25	0	19.50	19.68	19.46	21.00
10	64QAM	25	12	19.68	19.80	19.84	21.00
10	64QAM	25	25	19.62	19.66	19.59	21.00
10	64QAM	50	0	19.61	19.78	19.68	21.00
10	256QAM	1	0	17.76	17.88	17.82	19.00
10	256QAM	1	25	17.80	17.84	17.88	19.00
10	256QAM	1	49	17.86	17.87	17.72	19.00
10	256QAM	25	0	17.82	17.78	17.81	19.00
10	256QAM	25	12	17.83	17.70	17.69	19.00
10	256QAM	25	25	17.66	17.84	17.84	19.00
10	256QAM	50	0	17.74	17.81	17.71	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.62	22.68	22.47	24.00
5	QPSK	1	12	22.56	22.79	22.62	24.00
5	QPSK	1	24	22.58	22.63	22.53	24.00
5	QPSK	12	0	21.59	21.60	21.53	23.00
5	QPSK	12	7	21.60	21.75	21.62	23.00
5	QPSK	12	13	21.55	21.62	21.53	23.00
5	QPSK	25	0	21.66	21.72	21.65	23.00
5	16QAM	1	0	21.58	21.67	21.72	23.00
5	16QAM	1	12	21.57	21.70	21.66	23.00
5	16QAM	1	24	21.62	21.67	21.52	23.00
5	16QAM	12	0	20.66	20.66	20.61	22.00
5	16QAM	12	7	20.50	20.63	20.57	22.00
5	16QAM	12	13	20.59	20.64	20.62	22.00
5	16QAM	25	0	20.66	20.79	20.60	22.00
5	64QAM	1	0	20.68	20.72	20.62	22.00
5	64QAM	1	12	20.56	20.64	20.62	22.00
5	64QAM	1	24	20.49	20.54	20.50	22.00
5	64QAM	12	0	19.58	19.59	19.56	21.00
5	64QAM	12	7	19.68	19.75	19.80	21.00
5	64QAM	12	13	19.58	19.67	19.67	21.00
5	64QAM	25	0	19.61	19.74	19.69	21.00
5	256QAM	1	0	17.77	17.96	17.81	19.00
5	256QAM	1	12	17.68	17.83	17.92	19.00
5	256QAM	1	24	17.84	17.81	17.76	19.00
5	256QAM	12	0	17.78	17.78	17.75	19.00



5	256QAM	12	7	17.81	17.72	17.65	19.00
5	256QAM	12	13	17.74	17.88	17.76	19.00
5	256QAM	25	0	17.85	17.84	17.76	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.51	22.73	22.58	24.00
3	QPSK	1	8	22.51	22.67	22.65	24.00
3	QPSK	1	14	22.59	22.54	22.51	24.00
3	QPSK	8	0	21.56	21.69	21.46	23.00
3	QPSK	8	4	21.71	21.79	21.72	23.00
3	QPSK	8	7	21.60	21.73	21.60	23.00
3	QPSK	15	0	21.61	21.68	21.66	23.00
3	16QAM	1	0	21.50	21.66	21.74	23.00
3	16QAM	1	8	21.58	21.61	21.59	23.00
3	16QAM	1	14	21.61	21.63	21.54	23.00
3	16QAM	8	0	20.54	20.69	20.66	22.00
3	16QAM	8	4	20.52	20.69	20.63	22.00
3	16QAM	8	7	20.59	20.75	20.68	22.00
3	16QAM	15	0	20.66	20.68	20.59	22.00
3	64QAM	1	0	20.72	20.70	20.67	22.00
3	64QAM	1	8	20.58	20.77	20.62	22.00
3	64QAM	1	14	20.46	20.57	20.59	22.00
3	64QAM	8	0	19.48	19.56	19.56	21.00
3	64QAM	8	4	19.68	19.81	19.70	21.00
3	64QAM	8	7	19.56	19.66	19.66	21.00
3	64QAM	15	0	19.57	19.71	19.57	21.00
3	256QAM	1	0	17.72	17.85	17.83	19.00
3	256QAM	1	8	17.68	17.93	17.82	19.00
3	256QAM	1	14	17.92	17.87	17.86	19.00
3	256QAM	8	0	17.86	17.91	17.80	19.00
3	256QAM	8	4	17.80	17.80	17.70	19.00
3	256QAM	8	7	17.70	17.76	17.75	19.00
3	256QAM	15	0	17.74	17.82	17.82	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.35	22.52	22.52	24.00
1.4	QPSK	1	3	22.38	22.59	22.45	24.00
1.4	QPSK	1	5	22.53	22.62	22.36	24.00
1.4	QPSK	3	0	22.49	22.47	22.34	24.00
1.4	QPSK	3	1	22.65	22.69	22.53	24.00
1.4	QPSK	3	3	22.47	22.56	22.49	24.00
1.4	QPSK	6	0	21.65	21.56	21.49	23.00
1.4	16QAM	1	0	21.42	21.63	21.48	23.00
1.4	16QAM	1	3	21.49	21.45	21.56	23.00
1.4	16QAM	1	5	21.54	21.61	21.41	23.00
1.4	16QAM	3	0	21.68	21.50	21.46	23.00
1.4	16QAM	3	1	21.39	21.65	21.52	23.00
1.4	16QAM	3	3	21.55	21.56	21.46	23.00
1.4	16QAM	6	0	20.53	20.57	20.52	22.00
1.4	64QAM	1	0	20.61	20.65	20.47	22.00
1.4	64QAM	1	3	20.44	20.61	20.61	22.00
1.4	64QAM	1	5	20.38	20.43	20.43	22.00
1.4	64QAM	3	0	20.61	20.48	20.45	22.00
1.4	64QAM	3	1	20.66	20.73	20.77	22.00
1.4	64QAM	3	3	20.57	20.64	20.49	22.00
1.4	64QAM	6	0	19.59	19.69	19.57	21.00
1.4	256QAM	1	0	17.61	17.83	17.72	19.00
1.4	256QAM	1	3	17.61	17.77	17.71	19.00
1.4	256QAM	1	5	17.86	17.86	17.75	19.00
1.4	256QAM	3	0	17.81	17.88	17.55	19.00
1.4	256QAM	3	1	17.74	17.72	17.62	19.00
1.4	256QAM	3	3	17.63	17.82	17.67	19.00
1.4	256QAM	6	0	17.65	17.70	17.58	19.00

【LTE Band 4_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		17.88		18.50
20	QPSK	1	49		17.91		18.50
20	QPSK	1	99		17.87		18.50
20	QPSK	50	0		17.79		18.50
20	QPSK	50	24		17.88		18.50
20	QPSK	50	50		17.84		18.50
20	QPSK	100	0		17.87		18.50
20	16QAM	1	0		17.79		18.50
20	16QAM	1	49		17.77		18.50
20	16QAM	1	99		17.79		18.50
20	16QAM	50	0		17.81		18.50
20	16QAM	50	24		17.88		18.50
20	16QAM	50	50		17.76		18.50
20	16QAM	100	0		17.88		18.50
20	64QAM	1	0		17.88		18.50
20	64QAM	1	49		17.83		18.50
20	64QAM	1	99		17.82		18.50
20	64QAM	50	0		17.88		18.50
20	64QAM	50	24		17.83		18.50
20	64QAM	50	50		17.80		18.50
20	64QAM	100	0		17.87		18.50
20	256QAM	1	0		17.76		18.50
20	256QAM	1	49		17.89		18.50
20	256QAM	1	99		17.87		18.50
20	256QAM	50	0		17.84		18.50
20	256QAM	50	24		17.89		18.50
20	256QAM	50	50		17.89		18.50
20	256QAM	100	0		17.84		18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.74	17.79	17.81	18.50
15	QPSK	1	37	17.78	17.75	17.75	18.50
15	QPSK	1	74	17.69	17.75	17.71	18.50
15	QPSK	36	0	17.74	17.73	17.83	18.50
15	QPSK	36	20	17.78	17.86	17.70	18.50
15	QPSK	36	39	17.65	17.69	17.60	18.50
15	QPSK	75	0	17.64	17.86	17.81	18.50
15	16QAM	1	0	17.80	17.65	17.75	18.50
15	16QAM	1	37	17.71	17.76	17.68	18.50
15	16QAM	1	74	17.84	17.77	17.74	18.50
15	16QAM	36	0	17.65	17.71	17.64	18.50
15	16QAM	36	20	17.78	17.77	17.76	18.50
15	16QAM	36	39	17.74	17.61	17.72	18.50
15	16QAM	75	0	17.60	17.78	17.65	18.50
15	64QAM	1	0	17.69	17.78	17.62	18.50
15	64QAM	1	37	17.71	17.75	17.74	18.50
15	64QAM	1	74	17.82	17.73	17.62	18.50
15	64QAM	36	0	17.64	17.77	17.73	18.50
15	64QAM	36	20	17.79	17.80	17.81	18.50
15	64QAM	36	39	17.79	17.72	17.70	18.50
15	64QAM	75	0	17.68	17.80	17.69	18.50
15	256QAM	1	0	17.80	17.68	17.82	18.50
15	256QAM	1	37	17.74	17.85	17.67	18.50
15	256QAM	1	74	17.57	17.76	17.68	18.50
15	256QAM	36	0	17.60	17.70	17.78	18.50
15	256QAM	36	20	17.62	17.79	17.68	18.50
15	256QAM	36	39	17.85	17.81	17.61	18.50
15	256QAM	75	0	17.82	17.74	17.81	18.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.78	17.72	17.70	18.50
10	QPSK	1	25	17.87	17.79	17.83	18.50
10	QPSK	1	49	17.77	17.80	17.66	18.50
10	QPSK	25	0	17.75	17.76	17.71	18.50
10	QPSK	25	12	17.78	17.76	17.83	18.50
10	QPSK	25	25	17.58	17.74	17.55	18.50
10	QPSK	50	0	17.74	17.73	17.78	18.50
10	16QAM	1	0	17.67	17.64	17.74	18.50
10	16QAM	1	25	17.77	17.76	17.67	18.50

10	16QAM	1	49	17.75	17.66	17.70	18.50
10	16QAM	25	0	17.65	17.71	17.63	18.50
10	16QAM	25	12	17.73	17.77	17.77	18.50
10	16QAM	25	25	17.78	17.64	17.74	18.50
10	16QAM	50	0	17.67	17.84	17.63	18.50
10	64QAM	1	0	17.78	17.84	17.71	18.50
10	64QAM	1	25	17.76	17.75	17.75	18.50
10	64QAM	1	49	17.75	17.70	17.70	18.50
10	64QAM	25	0	17.70	17.74	17.75	18.50
10	64QAM	25	12	17.66	17.78	17.71	18.50
10	64QAM	25	25	17.78	17.76	17.56	18.50
10	64QAM	50	0	17.69	17.77	17.58	18.50
10	256QAM	1	0	17.76	17.66	17.81	18.50
10	256QAM	1	25	17.72	17.83	17.63	18.50
10	256QAM	1	49	17.70	17.84	17.55	18.50
10	256QAM	25	0	17.58	17.82	17.63	18.50
10	256QAM	25	12	17.71	17.82	17.69	18.50
10	256QAM	25	25	17.84	17.82	17.65	18.50
10	256QAM	50	0	17.71	17.79	17.69	18.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.77	17.77	17.71	18.50
5	QPSK	1	12	17.76	17.75	17.75	18.50
5	QPSK	1	24	17.79	17.81	17.79	18.50
5	QPSK	12	0	17.75	17.68	17.80	18.50
5	QPSK	12	7	17.79	17.78	17.69	18.50
5	QPSK	12	13	17.64	17.82	17.69	18.50
5	QPSK	25	0	17.78	17.83	17.78	18.50
5	16QAM	1	0	17.75	17.69	17.68	18.50
5	16QAM	1	12	17.75	17.76	17.71	18.50
5	16QAM	1	24	17.79	17.69	17.80	18.50
5	16QAM	12	0	17.70	17.78	17.68	18.50
5	16QAM	12	7	17.67	17.73	17.82	18.50
5	16QAM	12	13	17.74	17.60	17.67	18.50
5	16QAM	25	0	17.59	17.81	17.61	18.50
5	64QAM	1	0	17.66	17.85	17.71	18.50
5	64QAM	1	12	17.78	17.67	17.77	18.50
5	64QAM	1	24	17.73	17.81	17.70	18.50
5	64QAM	12	0	17.74	17.73	17.79	18.50
5	64QAM	12	7	17.67	17.81	17.70	18.50
5	64QAM	12	13	17.80	17.78	17.61	18.50
5	64QAM	25	0	17.77	17.72	17.68	18.50
5	256QAM	1	0	17.83	17.65	17.69	18.50
5	256QAM	1	12	17.79	17.82	17.65	18.50
5	256QAM	1	24	17.59	17.74	17.60	18.50
5	256QAM	12	0	17.58	17.78	17.75	18.50
5	256QAM	12	7	17.61	17.80	17.79	18.50
5	256QAM	12	13	17.79	17.85	17.67	18.50
5	256QAM	25	0	17.83	17.77	17.76	18.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.83	17.82	17.74	18.50
3	QPSK	1	8	17.75	17.84	17.71	18.50
3	QPSK	1	14	17.79	17.83	17.64	18.50
3	QPSK	8	0	17.66	17.70	17.75	18.50
3	QPSK	8	4	17.66	17.73	17.70	18.50
3	QPSK	8	7	17.60	17.69	17.69	18.50
3	QPSK	15	0	17.72	17.80	17.66	18.50
3	16QAM	1	0	17.76	17.67	17.74	18.50
3	16QAM	1	8	17.71	17.70	17.61	18.50
3	16QAM	1	14	17.77	17.65	17.82	18.50
3	16QAM	8	0	17.68	17.80	17.62	18.50
3	16QAM	8	4	17.75	17.79	17.82	18.50
3	16QAM	8	7	17.74	17.70	17.76	18.50
3	16QAM	15	0	17.67	17.80	17.70	18.50
3	64QAM	1	0	17.76	17.83	17.68	18.50
3	64QAM	1	8	17.78	17.75	17.76	18.50
3	64QAM	1	14	17.78	17.67	17.61	18.50
3	64QAM	8	0	17.74	17.79	17.73	18.50
3	64QAM	8	4	17.68	17.68	17.70	18.50
3	64QAM	8	7	17.71	17.68	17.68	18.50
3	64QAM	15	0	17.63	17.84	17.62	18.50
3	256QAM	1	0	17.78	17.73	17.81	18.50
3	256QAM	1	8	17.81	17.75	17.57	18.50
3	256QAM	1	14	17.58	17.74	17.58	18.50
3	256QAM	8	0	17.65	17.75	17.67	18.50
3	256QAM	8	4	17.61	17.74	17.75	18.50
3	256QAM	8	7	17.71	17.87	17.67	18.50

3	256QAM	15	0	17.72	17.77	17.76	18.50
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.70	17.77	17.78	18.50
1.4	QPSK	1	3	17.82	17.83	17.82	18.50
1.4	QPSK	1	5	17.78	17.85	17.74	18.50
1.4	QPSK	3	0	17.73	17.65	17.74	18.50
1.4	QPSK	3	1	17.76	17.76	17.83	18.50
1.4	QPSK	3	3	17.69	17.80	17.59	18.50
1.4	QPSK	6	0	17.63	17.75	17.81	18.50
1.4	16QAM	1	0	17.74	17.77	17.72	18.50
1.4	16QAM	1	3	17.70	17.64	17.65	18.50
1.4	16QAM	1	5	17.86	17.78	17.73	18.50
1.4	16QAM	3	0	17.70	17.76	17.63	18.50
1.4	16QAM	3	1	17.81	17.87	17.77	18.50
1.4	16QAM	3	3	17.77	17.63	17.73	18.50
1.4	16QAM	6	0	17.57	17.84	17.74	18.50
1.4	64QAM	1	0	17.78	17.81	17.63	18.50
1.4	64QAM	1	3	17.68	17.77	17.78	18.50
1.4	64QAM	1	5	17.77	17.66	17.64	18.50
1.4	64QAM	3	0	17.67	17.80	17.71	18.50
1.4	64QAM	3	1	17.78	17.78	17.70	18.50
1.4	64QAM	3	3	17.70	17.69	17.59	18.50
1.4	64QAM	6	0	17.71	17.72	17.56	18.50
1.4	256QAM	1	0	17.74	17.74	17.83	18.50
1.4	256QAM	1	3	17.73	17.86	17.59	18.50
1.4	256QAM	1	5	17.64	17.86	17.67	18.50
1.4	256QAM	3	0	17.58	17.78	17.69	18.50
1.4	256QAM	3	1	17.67	17.88	17.81	18.50
1.4	256QAM	3	3	17.84	17.74	17.68	18.50
1.4	256QAM	6	0	17.79	17.82	17.68	18.50

【LTE Band 4_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		19.97		21.00
20	QPSK	1	49		20.01		21.00
20	QPSK	1	99		19.92		21.00
20	QPSK	50	0		19.95		21.00
20	QPSK	50	24		20.00		21.00
20	QPSK	50	50		19.99		21.00
20	QPSK	100	0		19.95		21.00
20	16QAM	1	0		20.00		21.00
20	16QAM	1	49		19.91		21.00
20	16QAM	1	99		19.94		21.00
20	16QAM	50	0		19.89		21.00
20	16QAM	50	24		19.97		21.00
20	16QAM	50	50		19.93		21.00
20	16QAM	100	0		19.90		21.00
20	64QAM	1	0		19.93		21.00
20	64QAM	1	49		19.90		21.00
20	64QAM	1	99		19.93		21.00
20	64QAM	50	0		19.96		21.00
20	64QAM	50	24		19.90		21.00
20	64QAM	50	50		19.85		21.00
20	64QAM	100	0		19.86		21.00
20	256QAM	1	0		18.22		19.00
20	256QAM	1	49		18.29		19.00
20	256QAM	1	99		18.44		19.00
20	256QAM	50	0		18.13		19.00
20	256QAM	50	24		18.22		19.00
20	256QAM	50	50		18.26		19.00
20	256QAM	100	0		18.19		19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.89	19.85	19.90	21.00
15	QPSK	1	37	19.90	20.00	19.84	21.00
15	QPSK	1	74	19.77	19.78	19.80	21.00
15	QPSK	36	0	19.75	19.79	19.81	21.00
15	QPSK	36	20	19.90	19.96	19.86	21.00
15	QPSK	36	39	19.90	19.90	19.65	21.00

15	QPSK	75	0	19.67	19.89	19.71	21.00
15	16QAM	1	0	19.65	19.94	19.71	21.00
15	16QAM	1	37	19.73	19.75	19.75	21.00
15	16QAM	1	74	19.72	19.81	19.84	21.00
15	16QAM	36	0	19.76	19.79	19.82	21.00
15	16QAM	36	20	19.90	19.83	19.88	21.00
15	16QAM	36	39	19.78	19.85	19.72	21.00
15	16QAM	75	0	19.90	19.79	19.69	21.00
15	64QAM	1	0	19.72	19.91	19.69	21.00
15	64QAM	1	37	19.78	19.74	19.90	21.00
15	64QAM	1	74	19.83	19.79	19.78	21.00
15	64QAM	36	0	19.73	19.80	19.83	21.00
15	64QAM	36	20	19.71	19.79	19.85	21.00
15	64QAM	36	39	19.66	19.70	19.74	21.00
15	64QAM	75	0	19.68	19.70	19.78	21.00
15	256QAM	1	0	18.10	18.09	18.06	19.00
15	256QAM	1	37	18.07	18.24	18.22	19.00
15	256QAM	1	74	18.31	18.38	18.33	19.00
15	256QAM	36	0	18.06	18.07	17.85	19.00
15	256QAM	36	20	18.04	18.12	18.01	19.00
15	256QAM	36	39	18.13	18.16	18.17	19.00
15	256QAM	75	0	17.99	18.07	18.03	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.81	19.89	19.92	21.00
10	QPSK	1	25	19.84	19.88	19.88	21.00
10	QPSK	1	49	19.76	19.80	19.77	21.00
10	QPSK	25	0	19.79	19.79	19.79	21.00
10	QPSK	25	12	19.87	19.97	19.85	21.00
10	QPSK	25	25	19.83	19.87	19.75	21.00
10	QPSK	50	0	19.70	19.85	19.80	21.00
10	16QAM	1	0	19.69	19.94	19.68	21.00
10	16QAM	1	25	19.74	19.89	19.78	21.00
10	16QAM	1	49	19.82	19.89	19.85	21.00
10	16QAM	25	0	19.69	19.78	19.73	21.00
10	16QAM	25	12	19.85	19.81	19.79	21.00
10	16QAM	25	25	19.77	19.77	19.77	21.00
10	16QAM	50	0	19.82	19.74	19.71	21.00
10	64QAM	1	0	19.79	19.86	19.78	21.00
10	64QAM	1	25	19.83	19.86	19.82	21.00
10	64QAM	1	49	19.71	19.88	19.77	21.00
10	64QAM	25	0	19.76	19.85	19.92	21.00
10	64QAM	25	12	19.68	19.80	19.85	21.00
10	64QAM	25	25	19.74	19.69	19.66	21.00
10	64QAM	50	0	19.79	19.84	19.90	21.00
10	256QAM	1	0	18.05	18.09	18.07	19.00
10	256QAM	1	25	18.11	18.14	18.18	19.00
10	256QAM	1	49	18.36	18.41	18.35	19.00
10	256QAM	25	0	18.06	18.08	17.97	19.00
10	256QAM	25	12	18.06	18.13	18.05	19.00
10	256QAM	25	25	18.22	18.14	18.11	19.00
10	256QAM	50	0	18.10	18.06	17.92	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.79	19.87	19.88	21.00
5	QPSK	1	12	19.81	19.86	19.92	21.00
5	QPSK	1	24	19.74	19.81	19.79	21.00
5	QPSK	12	0	19.78	19.80	19.91	21.00
5	QPSK	12	7	19.77	19.94	19.84	21.00
5	QPSK	12	13	19.88	19.83	19.67	21.00
5	QPSK	25	0	19.78	19.89	19.68	21.00
5	16QAM	1	0	19.71	19.90	19.71	21.00
5	16QAM	1	12	19.83	19.75	19.76	21.00
5	16QAM	1	24	19.71	19.90	19.87	21.00
5	16QAM	12	0	19.68	19.85	19.75	21.00
5	16QAM	12	7	19.88	19.82	19.82	21.00
5	16QAM	12	13	19.88	19.89	19.72	21.00
5	16QAM	25	0	19.87	19.78	19.70	21.00
5	64QAM	1	0	19.68	19.77	19.68	21.00
5	64QAM	1	12	19.73	19.76	19.81	21.00
5	64QAM	1	24	19.68	19.82	19.75	21.00
5	64QAM	12	0	19.75	19.86	19.83	21.00
5	64QAM	12	7	19.73	19.80	19.87	21.00
5	64QAM	12	13	19.67	19.71	19.75	21.00
5	64QAM	25	0	19.80	19.71	19.84	21.00
5	256QAM	1	0	18.10	18.19	18.01	19.00
5	256QAM	1	12	18.13	18.25	18.12	19.00
5	256QAM	1	24	18.37	18.36	18.34	19.00

5	256QAM	12	0	18.07	18.03	17.91	19.00
5	256QAM	12	7	18.15	18.08	17.97	19.00
5	256QAM	12	13	18.20	18.14	18.21	19.00
5	256QAM	25	0	17.99	18.07	18.03	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.91	19.95	19.79	21.00
3	QPSK	1	8	19.92	19.87	19.94	21.00
3	QPSK	1	14	19.76	19.88	19.87	21.00
3	QPSK	8	0	19.75	19.87	19.83	21.00
3	QPSK	8	4	19.87	19.85	19.94	21.00
3	QPSK	8	7	19.88	19.90	19.79	21.00
3	QPSK	15	0	19.66	19.91	19.67	21.00
3	16QAM	1	0	19.73	19.88	19.80	21.00
3	16QAM	1	8	19.86	19.81	19.78	21.00
3	16QAM	1	14	19.75	19.79	19.87	21.00
3	16QAM	8	0	19.73	19.86	19.69	21.00
3	16QAM	8	4	19.86	19.81	19.83	21.00
3	16QAM	8	7	19.80	19.90	19.81	21.00
3	16QAM	15	0	19.90	19.80	19.69	21.00
3	64QAM	1	0	19.69	19.78	19.76	21.00
3	64QAM	1	8	19.70	19.79	19.82	21.00
3	64QAM	1	14	19.76	19.92	19.76	21.00
3	64QAM	8	0	19.75	19.87	19.81	21.00
3	64QAM	8	4	19.68	19.85	19.85	21.00
3	64QAM	8	7	19.66	19.77	19.75	21.00
3	64QAM	15	0	19.75	19.72	19.76	21.00
3	256QAM	1	0	18.09	18.07	18.05	19.00
3	256QAM	1	8	18.10	18.23	18.12	19.00
3	256QAM	1	14	18.28	18.30	18.30	19.00
3	256QAM	8	0	18.03	18.11	17.98	19.00
3	256QAM	8	4	18.17	18.21	18.01	19.00
3	256QAM	8	7	18.14	18.22	18.21	19.00
3	256QAM	15	0	18.10	18.05	18.04	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.86	19.87	19.88	21.00
1.4	QPSK	1	3	19.94	19.87	19.95	21.00
1.4	QPSK	1	5	19.81	19.81	19.76	21.00
1.4	QPSK	3	0	19.75	19.88	19.87	21.00
1.4	QPSK	3	1	19.89	19.95	19.90	21.00
1.4	QPSK	3	3	19.80	19.86	19.68	21.00
1.4	QPSK	6	0	19.67	19.94	19.67	21.00
1.4	16QAM	1	0	19.76	19.85	19.71	21.00
1.4	16QAM	1	3	19.72	19.80	19.74	21.00
1.4	16QAM	1	5	19.68	19.82	19.81	21.00
1.4	16QAM	3	0	19.73	19.78	19.75	21.00
1.4	16QAM	3	1	19.82	19.86	19.89	21.00
1.4	16QAM	3	3	19.78	19.92	19.79	21.00
1.4	16QAM	6	0	19.87	19.78	19.74	21.00
1.4	64QAM	1	0	19.75	19.82	19.72	21.00
1.4	64QAM	1	3	19.81	19.86	19.82	21.00
1.4	64QAM	1	5	19.72	19.80	19.71	21.00
1.4	64QAM	3	0	19.64	19.95	19.86	21.00
1.4	64QAM	3	1	19.79	19.77	19.88	21.00
1.4	64QAM	3	3	19.67	19.75	19.76	21.00
1.4	64QAM	6	0	19.80	19.79	19.78	21.00
1.4	256QAM	1	0	18.00	17.94	17.96	19.00
1.4	256QAM	1	3	18.05	18.16	18.11	19.00
1.4	256QAM	1	5	18.17	18.34	18.29	19.00
1.4	256QAM	3	0	18.00	18.01	17.82	19.00
1.4	256QAM	3	1	17.94	18.09	17.92	19.00
1.4	256QAM	3	3	17.97	18.14	18.11	19.00
1.4	256QAM	6	0	18.02	17.97	17.84	19.00

[LTE Band 4_Ant 0_DSI 6]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		21.26		22.00
20	QPSK	1	49		21.30		22.00
20	QPSK	1	99		21.24		22.00

20	QPSK	50	0		21.15		22.00
20	QPSK	50	24		21.28		22.00
20	QPSK	50	50		21.24		22.00
20	QPSK	100	0		21.26		22.00
20	16QAM	1	0		21.17		22.00
20	16QAM	1	49		21.28		22.00
20	16QAM	1	99		21.25		22.00
20	16QAM	50	0		21.23		22.00
20	16QAM	50	24		21.26		22.00
20	16QAM	50	50		21.20		22.00
20	16QAM	100	0		21.29		22.00
20	64QAM	1	0		21.23		22.00
20	64QAM	1	49		21.28		22.00
20	64QAM	1	99		21.17		22.00
20	64QAM	50	0		20.21		21.00
20	64QAM	50	24		20.18		21.00
20	64QAM	50	50		20.26		21.00
20	64QAM	100	0		20.18		21.00
20	256QAM	1	0		18.22		19.00
20	256QAM	1	49		18.29		19.00
20	256QAM	1	99		18.44		19.00
20	256QAM	50	0		18.13		19.00
20	256QAM	50	24		18.22		19.00
20	256QAM	50	50		18.26		19.00
20	256QAM	100	0		18.19		19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	21.08	21.17	21.18	22.00
15	QPSK	1	37	21.23	21.26	21.16	22.00
15	QPSK	1	74	21.23	21.23	21.07	22.00
15	QPSK	36	0	21.04	21.08	21.00	22.00
15	QPSK	36	20	21.11	21.16	21.12	22.00
15	QPSK	36	39	21.20	21.16	21.00	22.00
15	QPSK	75	0	21.01	21.24	21.15	22.00
15	16QAM	1	0	21.14	21.07	21.21	22.00
15	16QAM	1	37	21.10	21.15	21.08	22.00
15	16QAM	1	74	21.03	21.19	21.09	22.00
15	16QAM	36	0	21.09	21.08	21.23	22.00
15	16QAM	36	20	21.11	21.24	21.10	22.00
15	16QAM	36	39	21.04	21.19	21.12	22.00
15	16QAM	75	0	21.04	21.26	21.14	22.00
15	64QAM	1	0	21.04	21.07	21.01	22.00
15	64QAM	1	37	21.16	21.15	20.97	22.00
15	64QAM	1	74	21.07	21.04	21.13	22.00
15	64QAM	36	0	19.93	20.10	20.04	21.00
15	64QAM	36	20	20.00	20.11	20.03	21.00
15	64QAM	36	39	20.07	20.25	20.22	21.00
15	64QAM	75	0	19.90	20.03	20.05	21.00
15	256QAM	1	0	18.10	18.09	18.06	19.00
15	256QAM	1	37	18.07	18.24	18.22	19.00
15	256QAM	1	74	18.31	18.38	18.33	19.00
15	256QAM	36	0	18.06	18.07	17.85	19.00
15	256QAM	36	20	18.04	18.12	18.01	19.00
15	256QAM	36	39	18.13	18.16	18.17	19.00
15	256QAM	75	0	17.99	18.07	18.03	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	21.13	21.20	21.08	22.00
10	QPSK	1	25	21.13	21.24	21.23	22.00
10	QPSK	1	49	21.22	21.14	21.20	22.00
10	QPSK	25	0	21.03	21.10	21.08	22.00
10	QPSK	25	12	21.15	21.22	21.23	22.00
10	QPSK	25	25	21.15	21.12	21.05	22.00
10	QPSK	50	0	21.03	21.11	21.07	22.00
10	16QAM	1	0	21.11	21.04	21.17	22.00
10	16QAM	1	25	21.05	21.14	21.04	22.00
10	16QAM	1	49	21.00	21.13	21.05	22.00
10	16QAM	25	0	21.14	21.20	21.15	22.00
10	16QAM	25	12	21.12	21.16	21.09	22.00
10	16QAM	25	25	21.08	21.15	21.12	22.00
10	16QAM	50	0	21.07	21.20	21.05	22.00
10	64QAM	1	0	21.00	21.16	21.12	22.00
10	64QAM	1	25	21.11	21.14	21.06	22.00
10	64QAM	1	49	21.09	21.06	21.09	22.00
10	64QAM	25	0	19.97	20.07	20.01	21.00
10	64QAM	25	12	20.00	20.04	20.05	21.00
10	64QAM	25	25	20.16	20.16	20.21	21.00
10	64QAM	50	0	19.96	20.06	20.09	21.00

10	256QAM	1	0	18.05	18.09	18.07	19.00
10	256QAM	1	25	18.11	18.14	18.18	19.00
10	256QAM	1	49	18.36	18.41	18.35	19.00
10	256QAM	25	0	18.06	18.08	17.97	19.00
10	256QAM	25	12	18.06	18.13	18.05	19.00
10	256QAM	25	25	18.22	18.14	18.11	19.00
10	256QAM	50	0	18.10	18.06	17.92	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.04	21.20	21.21	22.00
5	QPSK	1	12	21.16	21.29	21.15	22.00
5	QPSK	1	24	21.15	21.16	21.20	22.00
5	QPSK	12	0	20.95	21.00	21.00	22.00
5	QPSK	12	7	21.16	21.13	21.17	22.00
5	QPSK	12	13	21.18	21.21	21.08	22.00
5	QPSK	25	0	21.13	21.13	21.05	22.00
5	16QAM	1	0	21.20	21.14	21.10	22.00
5	16QAM	1	12	21.08	21.21	21.00	22.00
5	16QAM	1	24	21.01	21.14	21.05	22.00
5	16QAM	12	0	21.09	21.17	21.26	22.00
5	16QAM	12	7	21.18	21.15	21.09	22.00
5	16QAM	12	13	21.12	21.07	21.03	22.00
5	16QAM	25	0	21.06	21.27	21.18	22.00
5	64QAM	1	0	21.12	21.19	21.04	22.00
5	64QAM	1	12	21.16	21.20	21.01	22.00
5	64QAM	1	24	21.16	21.07	21.05	22.00
5	64QAM	12	0	19.97	20.08	20.07	21.00
5	64QAM	12	7	19.93	20.04	20.03	21.00
5	64QAM	12	13	20.10	20.22	20.22	21.00
5	64QAM	25	0	19.95	20.16	20.06	21.00
5	256QAM	1	0	18.10	18.19	18.01	19.00
5	256QAM	1	12	18.13	18.25	18.12	19.00
5	256QAM	1	24	18.37	18.36	18.34	19.00
5	256QAM	12	0	18.07	18.03	17.91	19.00
5	256QAM	12	7	18.15	18.08	17.97	19.00
5	256QAM	12	13	18.20	18.14	18.21	19.00
5	256QAM	25	0	17.99	18.07	18.03	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.14	21.16	21.10	22.00
3	QPSK	1	8	21.23	21.17	21.21	22.00
3	QPSK	1	14	21.21	21.18	21.19	22.00
3	QPSK	8	0	21.03	21.07	21.05	22.00
3	QPSK	8	4	21.19	21.12	21.17	22.00
3	QPSK	8	7	21.11	21.21	21.12	22.00
3	QPSK	15	0	21.14	21.17	21.16	22.00
3	16QAM	1	0	21.14	21.05	21.14	22.00
3	16QAM	1	8	21.09	21.20	20.99	22.00
3	16QAM	1	14	21.02	21.16	21.14	22.00
3	16QAM	8	0	21.18	21.17	21.25	22.00
3	16QAM	8	4	21.11	21.18	21.00	22.00
3	16QAM	8	7	21.12	21.14	21.11	22.00
3	16QAM	15	0	21.16	21.14	21.17	22.00
3	64QAM	1	0	21.12	21.09	20.98	22.00
3	64QAM	1	8	21.06	21.18	21.10	22.00
3	64QAM	1	14	21.13	21.16	21.15	22.00
3	64QAM	8	0	19.93	20.12	20.02	21.00
3	64QAM	8	4	20.02	20.17	19.97	21.00
3	64QAM	8	7	20.17	20.19	20.13	21.00
3	64QAM	15	0	19.95	20.08	19.99	21.00
3	256QAM	1	0	18.09	18.07	18.05	19.00
3	256QAM	1	8	18.10	18.23	18.12	19.00
3	256QAM	1	14	18.28	18.30	18.30	19.00
3	256QAM	8	0	18.03	18.11	17.98	19.00
3	256QAM	8	4	18.17	18.21	18.01	19.00
3	256QAM	8	7	18.14	18.22	18.21	19.00
3	256QAM	15	0	18.10	18.05	18.04	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.11	21.25	21.11	22.00
1.4	QPSK	1	3	21.22	21.28	21.20	22.00
1.4	QPSK	1	5	21.22	21.08	21.19	22.00
1.4	QPSK	3	0	21.12	21.18	21.22	22.00
1.4	QPSK	3	1	21.13	21.25	21.14	22.00
1.4	QPSK	3	3	21.15	21.09	21.12	22.00
1.4	QPSK	6	0	21.02	21.12	21.10	22.00
1.4	16QAM	1	0	21.11	21.15	21.24	22.00
1.4	16QAM	1	3	21.11	21.23	21.00	22.00

1.4	16QAM	1	5	21.07	21.12	21.07	22.00
1.4	16QAM	3	0	21.16	21.06	21.09	22.00
1.4	16QAM	3	1	20.96	21.15	21.00	22.00
1.4	16QAM	3	3	21.11	21.20	21.11	22.00
1.4	16QAM	6	0	21.12	21.15	21.21	22.00
1.4	64QAM	1	0	21.17	21.21	20.99	22.00
1.4	64QAM	1	3	21.15	21.09	21.08	22.00
1.4	64QAM	1	5	21.17	21.27	21.05	22.00
1.4	64QAM	3	0	21.09	21.22	21.12	22.00
1.4	64QAM	3	1	21.13	21.14	21.08	22.00
1.4	64QAM	3	3	21.02	21.12	21.17	22.00
1.4	64QAM	6	0	19.81	20.08	20.01	21.00
1.4	256QAM	1	0	18.00	17.94	17.96	19.00
1.4	256QAM	1	3	18.05	18.16	18.11	19.00
1.4	256QAM	1	5	18.17	18.34	18.29	19.00
1.4	256QAM	3	0	18.00	18.01	17.82	19.00
1.4	256QAM	3	1	17.94	18.09	17.92	19.00
1.4	256QAM	3	3	17.97	18.14	18.11	19.00
1.4	256QAM	6	0	18.02	17.97	17.84	19.00

【LTE Band 4_Ant 0_PA_Reference Designator_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		17.14		18.50
20	QPSK	1	49		17.22		18.50
20	QPSK	1	99		17.08		18.50
20	QPSK	50	0		17.06		18.50
20	QPSK	50	24		17.21		18.50
20	QPSK	50	50		17.07		18.50
20	QPSK	100	0		17.20		18.50
20	16QAM	1	0		17.09		18.50
20	16QAM	1	49		17.12		18.50
20	16QAM	1	99		17.15		18.50
20	16QAM	50	0		17.18		18.50
20	16QAM	50	24		17.13		18.50
20	16QAM	50	50		17.21		18.50
20	16QAM	100	0		17.19		18.50
20	64QAM	1	0		17.10		18.50
20	64QAM	1	49		17.10		18.50
20	64QAM	1	99		17.07		18.50
20	64QAM	50	0		17.08		18.50
20	64QAM	50	24		17.13		18.50
20	64QAM	50	50		17.11		18.50
20	64QAM	100	0		17.15		18.50
20	256QAM	1	0		17.10		18.50
20	256QAM	1	49		17.20		18.50
20	256QAM	1	99		17.07		18.50
20	256QAM	50	0		17.12		18.50
20	256QAM	50	24		17.19		18.50
20	256QAM	50	50		17.17		18.50
20	256QAM	100	0		17.09		18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.99	17.11	16.88	18.50
15	QPSK	1	37	17.06	17.15	17.09	18.50
15	QPSK	1	74	16.86	17.03	17.02	18.50
15	QPSK	36	0	16.81	16.98	16.97	18.50
15	QPSK	36	20	17.00	17.11	16.94	18.50
15	QPSK	36	39	16.85	16.94	16.95	18.50
15	QPSK	75	0	16.88	17.16	16.91	18.50
15	16QAM	1	0	16.89	17.01	16.91	18.50
15	16QAM	1	37	16.96	17.08	16.93	18.50
15	16QAM	1	74	16.99	17.01	16.89	18.50
15	16QAM	36	0	16.96	17.09	17.05	18.50
15	16QAM	36	20	17.00	17.07	16.97	18.50
15	16QAM	36	39	16.85	17.14	17.07	18.50
15	16QAM	75	0	16.94	17.06	16.85	18.50
15	64QAM	1	0	16.94	17.02	17.08	18.50
15	64QAM	1	37	16.87	17.03	17.02	18.50
15	64QAM	1	74	16.87	17.04	17.01	18.50
15	64QAM	36	0	16.92	17.04	16.94	18.50

15	64QAM	36	20	16.86	16.98	16.98	18.50
15	64QAM	36	39	16.82	17.06	16.96	18.50
15	64QAM	75	0	16.89	17.03	16.92	18.50
15	256QAM	1	0	17.01	17.07	17.03	18.50
15	256QAM	1	37	16.95	17.13	16.89	18.50
15	256QAM	1	74	17.00	16.98	17.05	18.50
15	256QAM	36	0	17.01	17.01	17.01	18.50
15	256QAM	36	20	16.95	17.11	17.10	18.50
15	256QAM	36	39	16.95	17.04	17.06	18.50
15	256QAM	75	0	16.89	17.07	17.07	18.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.05	16.99	17.01	18.50
10	QPSK	1	25	16.99	17.13	17.13	18.50
10	QPSK	1	49	16.90	17.00	16.98	18.50
10	QPSK	25	0	16.89	17.02	16.88	18.50
10	QPSK	25	12	16.91	17.11	16.97	18.50
10	QPSK	25	25	16.83	17.03	16.91	18.50
10	QPSK	50	0	16.85	17.18	16.95	18.50
10	16QAM	1	0	16.81	17.03	16.85	18.50
10	16QAM	1	25	16.88	17.08	16.88	18.50
10	16QAM	1	49	16.88	17.03	16.94	18.50
10	16QAM	25	0	16.98	17.04	17.07	18.50
10	16QAM	25	12	16.96	17.09	17.02	18.50
10	16QAM	25	25	16.89	17.07	17.07	18.50
10	16QAM	50	0	16.97	17.18	16.96	18.50
10	64QAM	1	0	16.86	17.02	17.03	18.50
10	64QAM	1	25	16.88	16.99	16.92	18.50
10	64QAM	1	49	16.90	17.06	16.91	18.50
10	64QAM	25	0	17.04	16.96	17.04	18.50
10	64QAM	25	12	16.91	17.08	17.04	18.50
10	64QAM	25	25	16.87	17.01	16.96	18.50
10	64QAM	50	0	16.91	17.00	16.85	18.50
10	256QAM	1	0	16.94	17.02	16.93	18.50
10	256QAM	1	25	16.88	17.06	16.91	18.50
10	256QAM	1	49	17.01	16.92	16.94	18.50
10	256QAM	25	0	17.00	17.08	17.06	18.50
10	256QAM	25	12	16.87	17.10	17.08	18.50
10	256QAM	25	25	16.93	17.08	17.03	18.50
10	256QAM	50	0	16.89	16.96	16.93	18.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.01	17.05	16.88	18.50
5	QPSK	1	12	17.03	17.17	17.05	18.50
5	QPSK	1	24	16.83	16.96	16.93	18.50
5	QPSK	12	0	16.86	17.00	16.97	18.50
5	QPSK	12	7	16.98	17.08	16.93	18.50
5	QPSK	12	13	16.88	16.94	16.84	18.50
5	QPSK	25	0	16.83	17.10	16.92	18.50
5	16QAM	1	0	16.87	16.94	16.95	18.50
5	16QAM	1	12	16.90	17.11	16.98	18.50
5	16QAM	1	24	16.91	17.03	16.92	18.50
5	16QAM	12	0	16.90	17.17	17.05	18.50
5	16QAM	12	7	16.99	17.10	17.02	18.50
5	16QAM	12	13	16.91	17.12	17.07	18.50
5	16QAM	25	0	16.88	17.17	16.87	18.50
5	64QAM	1	0	16.87	16.97	16.99	18.50
5	64QAM	1	12	16.83	16.97	16.92	18.50
5	64QAM	1	24	16.90	16.97	16.95	18.50
5	64QAM	12	0	17.00	16.93	16.97	18.50
5	64QAM	12	7	16.80	17.09	16.98	18.50
5	64QAM	12	13	16.89	17.07	17.05	18.50
5	64QAM	25	0	16.85	17.11	16.93	18.50
5	256QAM	1	0	16.89	17.04	16.99	18.50
5	256QAM	1	12	16.88	17.11	16.97	18.50
5	256QAM	1	24	16.98	17.04	17.05	18.50
5	256QAM	12	0	17.02	17.02	17.07	18.50
5	256QAM	12	7	16.82	17.18	17.04	18.50
5	256QAM	12	13	16.96	17.02	16.99	18.50
5	256QAM	25	0	16.91	17.03	16.98	18.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.92	17.09	16.91	18.50
3	QPSK	1	8	16.93	17.18	17.10	18.50
3	QPSK	1	14	16.84	17.00	16.94	18.50
3	QPSK	8	0	16.94	16.91	16.86	18.50
3	QPSK	8	4	17.00	17.18	17.02	18.50
3	QPSK	8	7	16.91	16.99	16.86	18.50

3	QPSK	15	0	16.92	17.08	16.93	18.50
3	16QAM	1	0	16.87	17.05	16.95	18.50
3	16QAM	1	8	16.88	17.08	16.98	18.50
3	16QAM	1	14	16.88	17.07	16.88	18.50
3	16QAM	8	0	16.88	17.10	17.00	18.50
3	16QAM	8	4	16.89	17.01	17.00	18.50
3	16QAM	8	7	16.94	17.08	17.12	18.50
3	16QAM	15	0	16.98	17.12	16.96	18.50
3	64QAM	1	0	16.90	17.06	17.00	18.50
3	64QAM	1	8	16.83	17.09	16.99	18.50
3	64QAM	1	14	17.01	17.04	16.94	18.50
3	64QAM	8	0	16.93	17.02	16.95	18.50
3	64QAM	8	4	16.89	17.06	17.04	18.50
3	64QAM	8	7	16.87	17.06	16.93	18.50
3	64QAM	15	0	16.91	17.05	16.96	18.50
3	256QAM	1	0	16.90	17.09	16.98	18.50
3	256QAM	1	8	16.99	17.14	17.00	18.50
3	256QAM	1	14	16.92	16.94	16.97	18.50
3	256QAM	8	0	17.00	17.04	17.05	18.50
3	256QAM	8	4	16.91	17.11	17.04	18.50
3	256QAM	8	7	16.99	17.15	16.94	18.50
3	256QAM	15	0	16.89	16.94	16.98	18.50
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	16.97	17.04	16.88	18.50
1.4	QPSK	1	3	17.00	17.14	17.10	18.50
1.4	QPSK	1	5	16.95	16.98	17.04	18.50
1.4	QPSK	3	0	16.91	16.95	16.91	18.50
1.4	QPSK	3	1	16.90	17.13	17.02	18.50
1.4	QPSK	3	3	16.86	16.93	16.87	18.50
1.4	QPSK	6	0	16.81	17.05	16.89	18.50
1.4	16QAM	1	0	16.80	17.02	16.97	18.50
1.4	16QAM	1	3	16.86	17.08	16.96	18.50
1.4	16QAM	1	5	17.00	17.01	16.95	18.50
1.4	16QAM	3	0	16.88	17.11	17.06	18.50
1.4	16QAM	3	1	16.97	17.04	17.02	18.50
1.4	16QAM	3	3	16.93	17.10	17.12	18.50
1.4	16QAM	6	0	16.95	17.07	16.98	18.50
1.4	64QAM	1	0	16.93	17.09	17.06	18.50
1.4	64QAM	1	3	16.93	16.97	17.00	18.50
1.4	64QAM	1	5	16.95	16.98	16.93	18.50
1.4	64QAM	3	0	17.03	16.93	16.92	18.50
1.4	64QAM	3	1	16.79	17.01	17.11	18.50
1.4	64QAM	3	3	16.83	17.04	16.96	18.50
1.4	64QAM	6	0	16.86	17.09	16.87	18.50
1.4	256QAM	1	0	17.00	16.96	16.97	18.50
1.4	256QAM	1	3	16.96	17.16	17.03	18.50
1.4	256QAM	1	5	16.97	17.02	16.92	18.50
1.4	256QAM	3	0	16.92	16.99	17.08	18.50
1.4	256QAM	3	1	16.82	17.10	17.04	18.50
1.4	256QAM	3	3	16.97	17.13	16.95	18.50
1.4	256QAM	6	0	16.90	16.98	17.05	18.50

【LTE Band 4_Ant 0_PA_Reference Designator_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				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		19.69		21.00
20	QPSK	1	49		19.78		21.00
20	QPSK	1	99		19.73		21.00
20	QPSK	50	0		19.66		21.00
20	QPSK	50	24		19.72		21.00
20	QPSK	50	50		19.60		21.00
20	QPSK	100	0		19.68		21.00
20	16QAM	1	0		19.74		21.00
20	16QAM	1	49		19.76		21.00
20	16QAM	1	99		19.66		21.00
20	16QAM	50	0		19.67		21.00
20	16QAM	50	24		19.69		21.00
20	16QAM	50	50		19.65		21.00
20	16QAM	100	0		19.63		21.00
20	64QAM	1	0		19.68		21.00

20	64QAM	1	49		19.66		21.00
20	64QAM	1	99		19.64		21.00
20	64QAM	50	0		19.75		21.00
20	64QAM	50	24		19.71		21.00
20	64QAM	50	50		19.70		21.00
20	64QAM	100	0		19.70		21.00
20	256QAM	1	0		17.99		19.00
20	256QAM	1	49		17.97		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.93		19.00
20	256QAM	50	24		17.85		19.00
20	256QAM	50	50		17.91		19.00
20	256QAM	100	0		17.90		19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	19.39	19.64	19.44	21.00
15	QPSK	1	37	19.40	19.74	19.48	21.00
15	QPSK	1	74	19.38	19.70	19.45	21.00
15	QPSK	36	0	19.36	19.62	19.35	21.00
15	QPSK	36	20	19.43	19.65	19.49	21.00
15	QPSK	36	39	19.33	19.46	19.37	21.00
15	QPSK	75	0	19.39	19.57	19.36	21.00
15	16QAM	1	0	19.39	19.61	19.43	21.00
15	16QAM	1	37	19.39	19.71	19.42	21.00
15	16QAM	1	74	19.38	19.64	19.30	21.00
15	16QAM	36	0	19.33	19.60	19.50	21.00
15	16QAM	36	20	19.33	19.54	19.38	21.00
15	16QAM	36	39	19.38	19.60	19.41	21.00
15	16QAM	75	0	19.34	19.60	19.50	21.00
15	64QAM	1	0	19.38	19.63	19.44	21.00
15	64QAM	1	37	19.42	19.54	19.31	21.00
15	64QAM	1	74	19.36	19.54	19.47	21.00
15	64QAM	36	0	19.39	19.64	19.32	21.00
15	64QAM	36	20	19.38	19.59	19.40	21.00
15	64QAM	36	39	19.41	19.60	19.40	21.00
15	64QAM	75	0	19.51	19.65	19.40	21.00
15	256QAM	1	0	17.71	17.91	17.93	19.00
15	256QAM	1	37	17.82	17.90	17.92	19.00
15	256QAM	1	74	17.91	17.93	17.85	19.00
15	256QAM	36	0	17.83	17.88	17.67	19.00
15	256QAM	36	20	17.77	17.71	17.69	19.00
15	256QAM	36	39	17.71	17.87	17.76	19.00
15	256QAM	75	0	17.80	17.76	17.71	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	19.40	19.54	19.39	21.00
10	QPSK	1	25	19.42	19.67	19.43	21.00
10	QPSK	1	49	19.49	19.65	19.39	21.00
10	QPSK	25	0	19.36	19.52	19.25	21.00
10	QPSK	25	12	19.39	19.67	19.44	21.00
10	QPSK	25	25	19.35	19.55	19.44	21.00
10	QPSK	50	0	19.34	19.67	19.43	21.00
10	16QAM	1	0	19.40	19.69	19.45	21.00
10	16QAM	1	25	19.43	19.62	19.39	21.00
10	16QAM	1	49	19.42	19.58	19.36	21.00
10	16QAM	25	0	19.31	19.52	19.46	21.00
10	16QAM	25	12	19.35	19.58	19.37	21.00
10	16QAM	25	25	19.34	19.60	19.44	21.00
10	16QAM	50	0	19.42	19.54	19.49	21.00
10	64QAM	1	0	19.35	19.58	19.46	21.00
10	64QAM	1	25	19.41	19.64	19.34	21.00
10	64QAM	1	49	19.42	19.61	19.42	21.00
10	64QAM	25	0	19.44	19.73	19.37	21.00
10	64QAM	25	12	19.39	19.56	19.41	21.00
10	64QAM	25	25	19.31	19.65	19.50	21.00
10	64QAM	50	0	19.45	19.56	19.40	21.00
10	256QAM	1	0	17.76	17.88	17.82	19.00
10	256QAM	1	25	17.80	17.84	17.88	19.00
10	256QAM	1	49	17.86	17.87	17.72	19.00
10	256QAM	25	0	17.82	17.78	17.81	19.00
10	256QAM	25	12	17.83	17.70	17.69	19.00
10	256QAM	25	25	17.66	17.84	17.84	19.00
10	256QAM	50	0	17.74	17.81	17.71	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	19.30	19.60	19.43	21.00
5	QPSK	1	12	19.54	19.75	19.49	21.00
5	QPSK	1	24	19.50	19.59	19.43	21.00

5	QPSK	12	0	19.32	19.59	19.27	21.00
5	QPSK	12	7	19.48	19.63	19.44	21.00
5	QPSK	12	13	19.42	19.48	19.39	21.00
5	QPSK	25	0	19.38	19.55	19.42	21.00
5	16QAM	1	0	19.41	19.66	19.43	21.00
5	16QAM	1	12	19.42	19.74	19.46	21.00
5	16QAM	1	24	19.32	19.55	19.34	21.00
5	16QAM	12	0	19.40	19.62	19.47	21.00
5	16QAM	12	7	19.38	19.59	19.39	21.00
5	16QAM	12	13	19.30	19.59	19.47	21.00
5	16QAM	25	0	19.38	19.54	19.51	21.00
5	64QAM	1	0	19.40	19.64	19.35	21.00
5	64QAM	1	12	19.38	19.54	19.36	21.00
5	64QAM	1	24	19.39	19.57	19.42	21.00
5	64QAM	12	0	19.47	19.73	19.37	21.00
5	64QAM	12	7	19.48	19.65	19.45	21.00
5	64QAM	12	13	19.37	19.68	19.47	21.00
5	64QAM	25	0	19.46	19.57	19.37	21.00
5	256QAM	1	0	17.77	17.96	17.81	19.00
5	256QAM	1	12	17.68	17.83	17.92	19.00
5	256QAM	1	24	17.84	17.81	17.76	19.00
5	256QAM	12	0	17.78	17.78	17.75	19.00
5	256QAM	12	7	17.81	17.72	17.65	19.00
5	256QAM	12	13	17.74	17.88	17.76	19.00
5	256QAM	25	0	17.85	17.84	17.76	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.41	19.56	19.39	21.00
3	QPSK	1	8	19.50	19.73	19.45	21.00
3	QPSK	1	14	19.36	19.67	19.47	21.00
3	QPSK	8	0	19.43	19.58	19.26	21.00
3	QPSK	8	4	19.42	19.65	19.48	21.00
3	QPSK	8	7	19.38	19.49	19.41	21.00
3	QPSK	15	0	19.38	19.55	19.33	21.00
3	16QAM	1	0	19.33	19.63	19.48	21.00
3	16QAM	1	8	19.44	19.71	19.42	21.00
3	16QAM	1	14	19.44	19.61	19.35	21.00
3	16QAM	8	0	19.35	19.60	19.52	21.00
3	16QAM	8	4	19.45	19.61	19.41	21.00
3	16QAM	8	7	19.27	19.55	19.39	21.00
3	16QAM	15	0	19.47	19.59	19.38	21.00
3	64QAM	1	0	19.35	19.55	19.35	21.00
3	64QAM	1	8	19.32	19.51	19.39	21.00
3	64QAM	1	14	19.35	19.58	19.38	21.00
3	64QAM	8	0	19.38	19.73	19.29	21.00
3	64QAM	8	4	19.49	19.58	19.45	21.00
3	64QAM	8	7	19.36	19.62	19.49	21.00
3	64QAM	15	0	19.48	19.62	19.45	21.00
3	256QAM	1	0	17.72	17.85	17.83	19.00
3	256QAM	1	8	17.68	17.93	17.82	19.00
3	256QAM	1	14	17.92	17.87	17.86	19.00
3	256QAM	8	0	17.86	17.91	17.80	19.00
3	256QAM	8	4	17.80	17.80	17.70	19.00
3	256QAM	8	7	17.70	17.76	17.75	19.00
3	256QAM	15	0	17.74	17.82	17.82	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	19.30	19.66	19.40	21.00
1.4	QPSK	1	3	19.47	19.66	19.50	21.00
1.4	QPSK	1	5	19.39	19.61	19.38	21.00
1.4	QPSK	3	0	19.41	19.59	19.33	21.00
1.4	QPSK	3	1	19.45	19.63	19.47	21.00
1.4	QPSK	3	3	19.44	19.50	19.39	21.00
1.4	QPSK	6	0	19.34	19.67	19.32	21.00
1.4	16QAM	1	0	19.43	19.65	19.48	21.00
1.4	16QAM	1	3	19.38	19.62	19.44	21.00
1.4	16QAM	1	5	19.33	19.58	19.43	21.00
1.4	16QAM	3	0	19.38	19.59	19.47	21.00
1.4	16QAM	3	1	19.38	19.62	19.30	21.00
1.4	16QAM	3	3	19.27	19.63	19.42	21.00
1.4	16QAM	6	0	19.35	19.58	19.41	21.00
1.4	64QAM	1	0	19.39	19.59	19.45	21.00
1.4	64QAM	1	3	19.30	19.62	19.40	21.00
1.4	64QAM	1	5	19.47	19.57	19.35	21.00
1.4	64QAM	3	0	19.43	19.66	19.33	21.00
1.4	64QAM	3	1	19.40	19.61	19.40	21.00
1.4	64QAM	3	3	19.31	19.59	19.50	21.00
1.4	64QAM	6	0	19.37	19.69	19.44	21.00

1.4	256QAM	1	0	17.61	17.83	17.72	19.00
1.4	256QAM	1	3	17.61	17.77	17.71	19.00
1.4	256QAM	1	5	17.86	17.86	17.75	19.00
1.4	256QAM	3	0	17.81	17.88	17.55	19.00
1.4	256QAM	3	1	17.74	17.72	17.62	19.00
1.4	256QAM	3	3	17.63	17.82	17.67	19.00
1.4	256QAM	6	0	17.65	17.70	17.58	19.00

【LTE Band 4_Ant 0_PA_Reference Designator_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		20.68		22.00
20	QPSK	1	49		20.73		22.00
20	QPSK	1	99		20.68		22.00
20	QPSK	50	0		20.67		22.00
20	QPSK	50	24		20.70		22.00
20	QPSK	50	50		20.67		22.00
20	QPSK	100	0		20.63		22.00
20	16QAM	1	0		20.69		22.00
20	16QAM	1	49		20.62		22.00
20	16QAM	1	99		20.65		22.00
20	16QAM	50	0		20.66		22.00
20	16QAM	50	24		20.71		22.00
20	16QAM	50	50		20.66		22.00
20	16QAM	100	0		20.64		22.00
20	64QAM	1	0		20.72		22.00
20	64QAM	1	49		20.70		22.00
20	64QAM	1	99		20.62		22.00
20	64QAM	50	0		19.69		21.00
20	64QAM	50	24		19.86		21.00
20	64QAM	50	50		19.76		21.00
20	64QAM	100	0		19.83		21.00
20	256QAM	1	0		17.99		19.00
20	256QAM	1	49		17.97		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.93		19.00
20	256QAM	50	24		17.85		19.00
20	256QAM	50	50		17.91		19.00
20	256QAM	100	0		17.90		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.45	20.67	20.53	22.00
15	QPSK	1	37	20.51	20.67	20.54	22.00
15	QPSK	1	74	20.39	20.60	20.56	22.00
15	QPSK	36	0	20.33	20.66	20.34	22.00
15	QPSK	36	20	20.47	20.64	20.57	22.00
15	QPSK	36	39	20.34	20.65	20.34	22.00
15	QPSK	75	0	20.35	20.53	20.45	22.00
15	16QAM	1	0	20.36	20.57	20.44	22.00
15	16QAM	1	37	20.39	20.51	20.45	22.00
15	16QAM	1	74	20.52	20.63	20.51	22.00
15	16QAM	36	0	20.54	20.62	20.57	22.00
15	16QAM	36	20	20.48	20.68	20.41	22.00
15	16QAM	36	39	20.36	20.57	20.42	22.00
15	16QAM	75	0	20.54	20.56	20.40	22.00
15	64QAM	1	0	20.45	20.59	20.47	22.00
15	64QAM	1	37	20.34	20.67	20.53	22.00
15	64QAM	1	74	20.44	20.50	20.42	22.00
15	64QAM	36	0	19.56	19.63	19.56	21.00
15	64QAM	36	20	19.78	19.84	19.71	21.00
15	64QAM	36	39	19.64	19.73	19.65	21.00
15	64QAM	75	0	19.68	19.73	19.63	21.00
15	256QAM	1	0	17.71	17.91	17.93	19.00
15	256QAM	1	37	17.82	17.90	17.92	19.00
15	256QAM	1	74	17.91	17.93	17.85	19.00
15	256QAM	36	0	17.83	17.88	17.67	19.00
15	256QAM	36	20	17.77	17.71	17.69	19.00
15	256QAM	36	39	17.71	17.87	17.76	19.00
15	256QAM	75	0	17.80	17.76	17.71	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	

10	QPSK	1	0	20.45	20.67	20.43	22.00
10	QPSK	1	25	20.52	20.61	20.56	22.00
10	QPSK	1	49	20.50	20.63	20.59	22.00
10	QPSK	25	0	20.33	20.56	20.39	22.00
10	QPSK	25	12	20.47	20.59	20.57	22.00
10	QPSK	25	25	20.30	20.60	20.41	22.00
10	QPSK	50	0	20.40	20.57	20.41	22.00
10	16QAM	1	0	20.36	20.60	20.42	22.00
10	16QAM	1	25	20.37	20.50	20.58	22.00
10	16QAM	1	49	20.49	20.60	20.51	22.00
10	16QAM	25	0	20.51	20.55	20.56	22.00
10	16QAM	25	12	20.50	20.68	20.51	22.00
10	16QAM	25	25	20.37	20.62	20.55	22.00
10	16QAM	50	0	20.41	20.53	20.48	22.00
10	64QAM	1	0	20.46	20.67	20.56	22.00
10	64QAM	1	25	20.46	20.68	20.54	22.00
10	64QAM	1	49	20.46	20.57	20.51	22.00
10	64QAM	25	0	19.50	19.68	19.46	21.00
10	64QAM	25	12	19.68	19.80	19.84	21.00
10	64QAM	25	25	19.62	19.66	19.59	21.00
10	64QAM	50	0	19.61	19.78	19.68	21.00
10	256QAM	1	0	17.76	17.88	17.82	19.00
10	256QAM	1	25	17.80	17.84	17.88	19.00
10	256QAM	1	49	17.86	17.87	17.72	19.00
10	256QAM	25	0	17.82	17.78	17.81	19.00
10	256QAM	25	12	17.83	17.70	17.69	19.00
10	256QAM	25	25	17.66	17.84	17.84	19.00
10	256QAM	50	0	17.74	17.81	17.71	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.51	20.55	20.40	22.00
5	QPSK	1	12	20.54	20.66	20.63	22.00
5	QPSK	1	24	20.50	20.53	20.50	22.00
5	QPSK	12	0	20.42	20.60	20.41	22.00
5	QPSK	12	7	20.41	20.66	20.51	22.00
5	QPSK	12	13	20.41	20.66	20.43	22.00
5	QPSK	25	0	20.35	20.48	20.36	22.00
5	16QAM	1	0	20.45	20.67	20.45	22.00
5	16QAM	1	12	20.46	20.49	20.59	22.00
5	16QAM	1	24	20.43	20.53	20.42	22.00
5	16QAM	12	0	20.48	20.52	20.59	22.00
5	16QAM	12	7	20.45	20.56	20.46	22.00
5	16QAM	12	13	20.46	20.55	20.43	22.00
5	16QAM	25	0	20.50	20.56	20.45	22.00
5	64QAM	1	0	20.41	20.66	20.47	22.00
5	64QAM	1	12	20.35	20.57	20.57	22.00
5	64QAM	1	24	20.43	20.61	20.39	22.00
5	64QAM	12	0	19.58	19.59	19.56	21.00
5	64QAM	12	7	19.68	19.75	19.80	21.00
5	64QAM	12	13	19.58	19.67	19.67	21.00
5	64QAM	25	0	19.61	19.74	19.69	21.00
5	256QAM	1	0	17.77	17.96	17.81	19.00
5	256QAM	1	12	17.68	17.83	17.92	19.00
5	256QAM	1	24	17.84	17.81	17.76	19.00
5	256QAM	12	0	17.78	17.78	17.75	19.00
5	256QAM	12	7	17.81	17.72	17.65	19.00
5	256QAM	12	13	17.74	17.88	17.76	19.00
5	256QAM	25	0	17.85	17.84	17.76	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.52	20.65	20.48	22.00
3	QPSK	1	8	20.46	20.72	20.52	22.00
3	QPSK	1	14	20.44	20.64	20.51	22.00
3	QPSK	8	0	20.34	20.64	20.46	22.00
3	QPSK	8	4	20.44	20.61	20.56	22.00
3	QPSK	8	7	20.34	20.55	20.45	22.00
3	QPSK	15	0	20.45	20.62	20.44	22.00
3	16QAM	1	0	20.37	20.59	20.40	22.00
3	16QAM	1	8	20.41	20.56	20.59	22.00
3	16QAM	1	14	20.54	20.54	20.51	22.00
3	16QAM	8	0	20.49	20.54	20.46	22.00
3	16QAM	8	4	20.50	20.59	20.41	22.00
3	16QAM	8	7	20.41	20.54	20.41	22.00
3	16QAM	15	0	20.48	20.50	20.44	22.00
3	64QAM	1	0	20.46	20.66	20.53	22.00
3	64QAM	1	8	20.46	20.66	20.61	22.00
3	64QAM	1	14	20.49	20.55	20.52	22.00
3	64QAM	8	0	19.48	19.56	19.56	21.00

3	64QAM	8	4	19.68	19.81	19.70	21.00
3	64QAM	8	7	19.56	19.66	19.66	21.00
3	64QAM	15	0	19.57	19.71	19.57	21.00
3	256QAM	1	0	17.72	17.85	17.83	19.00
3	256QAM	1	8	17.68	17.93	17.82	19.00
3	256QAM	1	14	17.92	17.87	17.86	19.00
3	256QAM	8	0	17.86	17.91	17.80	19.00
3	256QAM	8	4	17.80	17.80	17.70	19.00
3	256QAM	8	7	17.70	17.76	17.75	19.00
3	256QAM	15	0	17.74	17.82	17.82	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	20.45	20.66	20.43	22.00
1.4	QPSK	1	3	20.46	20.62	20.52	22.00
1.4	QPSK	1	5	20.39	20.53	20.56	22.00
1.4	QPSK	3	0	20.43	20.56	20.50	22.00
1.4	QPSK	3	1	20.52	20.63	20.57	22.00
1.4	QPSK	3	3	20.40	20.61	20.60	22.00
1.4	QPSK	6	0	20.30	20.54	20.40	22.00
1.4	16QAM	1	0	20.50	20.61	20.44	22.00
1.4	16QAM	1	3	20.40	20.53	20.43	22.00
1.4	16QAM	1	5	20.48	20.55	20.40	22.00
1.4	16QAM	3	0	20.41	20.60	20.41	22.00
1.4	16QAM	3	1	20.41	20.55	20.49	22.00
1.4	16QAM	3	3	20.48	20.51	20.46	22.00
1.4	16QAM	6	0	20.50	20.53	20.47	22.00
1.4	64QAM	1	0	20.52	20.56	20.47	22.00
1.4	64QAM	1	3	20.43	20.62	20.45	22.00
1.4	64QAM	1	5	20.43	20.49	20.36	22.00
1.4	64QAM	3	0	20.38	20.59	20.55	22.00
1.4	64QAM	3	1	20.44	20.63	20.55	22.00
1.4	64QAM	3	3	20.46	20.51	20.51	22.00
1.4	64QAM	6	0	19.59	19.69	19.57	21.00
1.4	256QAM	1	0	17.61	17.83	17.72	19.00
1.4	256QAM	1	3	17.61	17.77	17.71	19.00
1.4	256QAM	1	5	17.86	17.86	17.75	19.00
1.4	256QAM	3	0	17.81	17.88	17.55	19.00
1.4	256QAM	3	1	17.74	17.72	17.62	19.00
1.4	256QAM	3	3	17.63	17.82	17.67	19.00
1.4	256QAM	6	0	17.65	17.70	17.58	19.00

【LTE Band 4_Ant 0_PA_Reference Designator_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		22.75		24.00
20	QPSK	1	49		22.80		24.00
20	QPSK	1	99		22.68		24.00
20	QPSK	50	0		21.72		23.00
20	QPSK	50	24		21.83		23.00
20	QPSK	50	50		21.77		23.00
20	QPSK	100	0		21.79		23.00
20	16QAM	1	0		21.78		23.00
20	16QAM	1	49		21.75		23.00
20	16QAM	1	99		21.70		23.00
20	16QAM	50	0		20.70		22.00
20	16QAM	50	24		20.74		22.00
20	16QAM	50	50		20.77		22.00
20	16QAM	100	0		20.81		22.00
20	64QAM	1	0		20.83		22.00
20	64QAM	1	49		20.79		22.00
20	64QAM	1	99		20.68		22.00
20	64QAM	50	0		19.69		21.00
20	64QAM	50	24		19.86		21.00
20	64QAM	50	50		19.76		21.00
20	64QAM	100	0		19.83		21.00
20	256QAM	1	0		17.99		19.00
20	256QAM	1	49		17.97		19.00
20	256QAM	1	99		17.94		19.00
20	256QAM	50	0		17.93		19.00
20	256QAM	50	24		17.85		19.00
20	256QAM	50	50		17.91		19.00

20	256QAM	100	0		17.90		19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	22.60	22.74	22.56	24.00
15	QPSK	1	37	22.51	22.78	22.56	24.00
15	QPSK	1	74	22.51	22.53	22.50	24.00
15	QPSK	36	0	21.52	21.68	21.54	23.00
15	QPSK	36	20	21.60	21.72	21.62	23.00
15	QPSK	36	39	21.57	21.76	21.66	23.00
15	QPSK	75	0	21.66	21.68	21.71	23.00
15	16QAM	1	0	21.50	21.72	21.68	23.00
15	16QAM	1	37	21.57	21.64	21.62	23.00
15	16QAM	1	74	21.61	21.61	21.52	23.00
15	16QAM	36	0	20.64	20.66	20.55	22.00
15	16QAM	36	20	20.54	20.66	20.66	22.00
15	16QAM	36	39	20.64	20.75	20.66	22.00
15	16QAM	75	0	20.62	20.77	20.63	22.00
15	64QAM	1	0	20.76	20.74	20.63	22.00
15	64QAM	1	37	20.55	20.78	20.61	22.00
15	64QAM	1	74	20.51	20.65	20.50	22.00
15	64QAM	36	0	19.56	19.63	19.56	21.00
15	64QAM	36	20	19.78	19.84	19.71	21.00
15	64QAM	36	39	19.64	19.73	19.65	21.00
15	64QAM	75	0	19.68	19.73	19.63	21.00
15	256QAM	1	0	17.71	17.91	17.93	19.00
15	256QAM	1	37	17.82	17.90	17.92	19.00
15	256QAM	1	74	17.91	17.93	17.85	19.00
15	256QAM	36	0	17.83	17.88	17.67	19.00
15	256QAM	36	20	17.77	17.71	17.69	19.00
15	256QAM	36	39	17.71	17.87	17.76	19.00
15	256QAM	75	0	17.80	17.76	17.71	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.64	22.67	22.54	24.00
10	QPSK	1	25	22.60	22.72	22.63	24.00
10	QPSK	1	49	22.58	22.57	22.53	24.00
10	QPSK	25	0	21.51	21.58	21.58	23.00
10	QPSK	25	12	21.60	21.69	21.70	23.00
10	QPSK	25	25	21.63	21.67	21.55	23.00
10	QPSK	50	0	21.68	21.73	21.66	23.00
10	16QAM	1	0	21.54	21.68	21.73	23.00
10	16QAM	1	25	21.56	21.74	21.65	23.00
10	16QAM	1	49	21.50	21.61	21.59	23.00
10	16QAM	25	0	20.67	20.60	20.67	22.00
10	16QAM	25	12	20.49	20.73	20.54	22.00
10	16QAM	25	25	20.59	20.74	20.70	22.00
10	16QAM	50	0	20.56	20.79	20.64	22.00
10	64QAM	1	0	20.71	20.82	20.65	22.00
10	64QAM	1	25	20.59	20.64	20.62	22.00
10	64QAM	1	49	20.57	20.53	20.50	22.00
10	64QAM	25	0	19.50	19.68	19.46	21.00
10	64QAM	25	12	19.68	19.80	19.84	21.00
10	64QAM	25	25	19.62	19.66	19.59	21.00
10	64QAM	50	0	19.61	19.78	19.68	21.00
10	256QAM	1	0	17.76	17.88	17.82	19.00
10	256QAM	1	25	17.80	17.84	17.88	19.00
10	256QAM	1	49	17.86	17.87	17.72	19.00
10	256QAM	25	0	17.82	17.78	17.81	19.00
10	256QAM	25	12	17.83	17.70	17.69	19.00
10	256QAM	25	25	17.66	17.84	17.84	19.00
10	256QAM	50	0	17.74	17.81	17.71	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.62	22.68	22.47	24.00
5	QPSK	1	12	22.56	22.79	22.62	24.00
5	QPSK	1	24	22.58	22.63	22.53	24.00
5	QPSK	12	0	21.59	21.60	21.53	23.00
5	QPSK	12	7	21.60	21.75	21.62	23.00
5	QPSK	12	13	21.55	21.62	21.53	23.00
5	QPSK	25	0	21.66	21.72	21.65	23.00
5	16QAM	1	0	21.58	21.67	21.72	23.00
5	16QAM	1	12	21.57	21.70	21.66	23.00
5	16QAM	1	24	21.62	21.67	21.52	23.00
5	16QAM	12	0	20.66	20.66	20.61	22.00
5	16QAM	12	7	20.50	20.63	20.57	22.00
5	16QAM	12	13	20.59	20.64	20.62	22.00
5	16QAM	25	0	20.66	20.79	20.60	22.00
5	64QAM	1	0	20.68	20.72	20.62	22.00

5	64QAM	1	12	20.56	20.64	20.62	22.00
5	64QAM	1	24	20.49	20.54	20.50	22.00
5	64QAM	12	0	19.58	19.59	19.56	21.00
5	64QAM	12	7	19.68	19.75	19.80	21.00
5	64QAM	12	13	19.58	19.67	19.67	21.00
5	64QAM	25	0	19.61	19.74	19.69	21.00
5	256QAM	1	0	17.77	17.96	17.81	19.00
5	256QAM	1	12	17.68	17.83	17.92	19.00
5	256QAM	1	24	17.84	17.81	17.76	19.00
5	256QAM	12	0	17.78	17.78	17.75	19.00
5	256QAM	12	7	17.81	17.72	17.65	19.00
5	256QAM	12	13	17.74	17.88	17.76	19.00
5	256QAM	25	0	17.85	17.84	17.76	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.51	22.73	22.58	24.00
3	QPSK	1	8	22.51	22.67	22.65	24.00
3	QPSK	1	14	22.59	22.54	22.51	24.00
3	QPSK	8	0	21.56	21.69	21.46	23.00
3	QPSK	8	4	21.71	21.79	21.72	23.00
3	QPSK	8	7	21.60	21.73	21.60	23.00
3	QPSK	15	0	21.61	21.68	21.66	23.00
3	16QAM	1	0	21.50	21.66	21.74	23.00
3	16QAM	1	8	21.58	21.61	21.59	23.00
3	16QAM	1	14	21.61	21.63	21.54	23.00
3	16QAM	8	0	20.54	20.69	20.66	22.00
3	16QAM	8	4	20.52	20.69	20.63	22.00
3	16QAM	8	7	20.59	20.75	20.68	22.00
3	16QAM	15	0	20.66	20.68	20.59	22.00
3	64QAM	1	0	20.72	20.70	20.67	22.00
3	64QAM	1	8	20.58	20.77	20.62	22.00
3	64QAM	1	14	20.46	20.57	20.59	22.00
3	64QAM	8	0	19.48	19.56	19.56	21.00
3	64QAM	8	4	19.68	19.81	19.70	21.00
3	64QAM	8	7	19.56	19.66	19.66	21.00
3	64QAM	15	0	19.57	19.71	19.57	21.00
3	256QAM	1	0	17.72	17.85	17.83	19.00
3	256QAM	1	8	17.68	17.93	17.82	19.00
3	256QAM	1	14	17.92	17.87	17.86	19.00
3	256QAM	8	0	17.86	17.91	17.80	19.00
3	256QAM	8	4	17.80	17.80	17.70	19.00
3	256QAM	8	7	17.70	17.76	17.75	19.00
3	256QAM	15	0	17.74	17.82	17.82	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.35	22.52	22.52	24.00
1.4	QPSK	1	3	22.38	22.59	22.45	24.00
1.4	QPSK	1	5	22.53	22.62	22.36	24.00
1.4	QPSK	3	0	22.49	22.47	22.34	24.00
1.4	QPSK	3	1	22.65	22.69	22.53	24.00
1.4	QPSK	3	3	22.47	22.56	22.49	24.00
1.4	QPSK	6	0	21.65	21.56	21.49	23.00
1.4	16QAM	1	0	21.42	21.63	21.48	23.00
1.4	16QAM	1	3	21.49	21.45	21.56	23.00
1.4	16QAM	1	5	21.54	21.61	21.41	23.00
1.4	16QAM	3	0	21.68	21.50	21.46	23.00
1.4	16QAM	3	1	21.39	21.65	21.52	23.00
1.4	16QAM	3	3	21.55	21.56	21.46	23.00
1.4	16QAM	6	0	20.53	20.57	20.52	22.00
1.4	64QAM	1	0	20.61	20.65	20.47	22.00
1.4	64QAM	1	3	20.44	20.61	20.61	22.00
1.4	64QAM	1	5	20.38	20.43	20.43	22.00
1.4	64QAM	3	0	20.61	20.48	20.45	22.00
1.4	64QAM	3	1	20.66	20.73	20.77	22.00
1.4	64QAM	3	3	20.57	20.64	20.49	22.00
1.4	64QAM	6	0	19.59	19.69	19.57	21.00
1.4	256QAM	1	0	17.61	17.83	17.72	19.00
1.4	256QAM	1	3	17.61	17.77	17.71	19.00
1.4	256QAM	1	5	17.86	17.86	17.75	19.00
1.4	256QAM	3	0	17.81	17.88	17.55	19.00
1.4	256QAM	3	1	17.74	17.72	17.62	19.00
1.4	256QAM	3	3	17.63	17.82	17.67	19.00
1.4	256QAM	6	0	17.65	17.70	17.58	19.00

【LTE Band 4_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		23.10		24.00
20	QPSK	1	49		23.12		24.00
20	QPSK	1	99		23.04		24.00
20	QPSK	50	0		22.16		23.00
20	QPSK	50	24		22.30		23.00
20	QPSK	50	50		22.25		23.00
20	QPSK	100	0		22.21		23.00
20	16QAM	1	0		22.40		23.00
20	16QAM	1	49		22.63		23.00
20	16QAM	1	99		22.44		23.00
20	16QAM	50	0		21.15		22.00
20	16QAM	50	24		21.17		22.00
20	16QAM	50	50		21.29		22.00
20	16QAM	100	0		21.22		22.00
20	64QAM	1	0		21.33		22.00
20	64QAM	1	49		21.31		22.00
20	64QAM	1	99		21.41		22.00
20	64QAM	50	0		20.21		21.00
20	64QAM	50	24		20.18		21.00
20	64QAM	50	50		20.26		21.00
20	64QAM	100	0		20.18		21.00
20	256QAM	1	0		18.22		19.00
20	256QAM	1	49		18.29		19.00
20	256QAM	1	99		18.44		19.00
20	256QAM	50	0		18.13		19.00
20	256QAM	50	24		18.22		19.00
20	256QAM	50	50		18.26		19.00
20	256QAM	100	0		18.19		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.94	22.99	22.93	24.00
15	QPSK	1	37	23.01	23.02	23.06	24.00
15	QPSK	1	74	22.94	22.89	22.98	24.00
15	QPSK	36	0	21.93	22.09	22.04	23.00
15	QPSK	36	20	22.11	22.25	22.08	23.00
15	QPSK	36	39	22.06	22.20	22.01	23.00
15	QPSK	75	0	22.00	22.09	22.04	23.00
15	16QAM	1	0	22.25	22.28	22.33	23.00
15	16QAM	1	37	22.50	22.50	22.47	23.00
15	16QAM	1	74	22.23	22.31	22.41	23.00
15	16QAM	36	0	21.01	21.05	20.91	22.00
15	16QAM	36	20	21.02	21.07	21.06	22.00
15	16QAM	36	39	21.16	21.25	21.18	22.00
15	16QAM	75	0	21.08	21.08	21.05	22.00
15	64QAM	1	0	21.26	21.30	21.14	22.00
15	64QAM	1	37	21.08	21.22	21.09	22.00
15	64QAM	1	74	21.20	21.36	21.15	22.00
15	64QAM	36	0	19.93	20.10	20.04	21.00
15	64QAM	36	20	20.00	20.11	20.03	21.00
15	64QAM	36	39	20.07	20.25	20.22	21.00
15	64QAM	75	0	19.90	20.03	20.05	21.00
15	256QAM	1	0	18.10	18.09	18.06	19.00
15	256QAM	1	37	18.07	18.24	18.22	19.00
15	256QAM	1	74	18.31	18.38	18.33	19.00
15	256QAM	36	0	18.06	18.07	17.85	19.00
15	256QAM	36	20	18.04	18.12	18.01	19.00
15	256QAM	36	39	18.13	18.16	18.17	19.00
15	256QAM	75	0	17.99	18.07	18.03	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.92	23.03	22.97	24.00
10	QPSK	1	25	23.03	23.00	22.95	24.00
10	QPSK	1	49	22.96	22.98	22.86	24.00
10	QPSK	25	0	21.96	22.09	22.01	23.00
10	QPSK	25	12	22.16	22.16	22.08	23.00
10	QPSK	25	25	22.12	22.11	22.11	23.00
10	QPSK	50	0	22.05	22.08	22.05	23.00
10	16QAM	1	0	22.33	22.38	22.26	23.00
10	16QAM	1	25	22.53	22.59	22.46	23.00
10	16QAM	1	49	22.31	22.35	22.41	23.00

10	16QAM	25	0	21.05	21.03	20.96	22.00
10	16QAM	25	12	21.07	21.04	21.07	22.00
10	16QAM	25	25	21.16	21.20	21.22	22.00
10	16QAM	50	0	21.06	21.07	21.03	22.00
10	64QAM	1	0	21.23	21.30	21.18	22.00
10	64QAM	1	25	21.16	21.25	21.06	22.00
10	64QAM	1	49	21.22	21.39	21.25	22.00
10	64QAM	25	0	19.97	20.07	20.01	21.00
10	64QAM	25	12	20.00	20.04	20.05	21.00
10	64QAM	25	25	20.16	20.16	20.21	21.00
10	64QAM	50	0	19.96	20.06	20.09	21.00
10	256QAM	1	0	18.05	18.09	18.07	19.00
10	256QAM	1	25	18.11	18.14	18.18	19.00
10	256QAM	1	49	18.36	18.41	18.35	19.00
10	256QAM	25	0	18.06	18.08	17.97	19.00
10	256QAM	25	12	18.06	18.13	18.05	19.00
10	256QAM	25	25	18.22	18.14	18.11	19.00
10	256QAM	50	0	18.10	18.06	17.92	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.88	23.01	22.99	24.00
5	QPSK	1	12	22.97	23.01	22.99	24.00
5	QPSK	1	24	22.84	22.94	22.89	24.00
5	QPSK	12	0	21.94	22.04	22.01	23.00
5	QPSK	12	7	22.08	22.25	22.03	23.00
5	QPSK	12	13	22.10	22.21	22.02	23.00
5	QPSK	25	0	21.99	22.20	22.04	23.00
5	16QAM	1	0	22.26	22.39	22.28	23.00
5	16QAM	1	12	22.59	22.60	22.47	23.00
5	16QAM	1	24	22.23	22.41	22.30	23.00
5	16QAM	12	0	21.03	21.06	21.00	22.00
5	16QAM	12	7	21.00	21.10	21.05	22.00
5	16QAM	12	13	21.08	21.24	21.23	22.00
5	16QAM	25	0	21.05	21.16	21.13	22.00
5	64QAM	1	0	21.17	21.24	21.21	22.00
5	64QAM	1	12	21.12	21.29	21.04	22.00
5	64QAM	1	24	21.28	21.27	21.17	22.00
5	64QAM	12	0	19.97	20.08	20.07	21.00
5	64QAM	12	7	19.93	20.04	20.03	21.00
5	64QAM	12	13	20.10	20.22	20.22	21.00
5	64QAM	25	0	19.95	20.16	20.06	21.00
5	256QAM	1	0	18.10	18.19	18.01	19.00
5	256QAM	1	12	18.13	18.25	18.12	19.00
5	256QAM	1	24	18.37	18.36	18.34	19.00
5	256QAM	12	0	18.07	18.03	17.91	19.00
5	256QAM	12	7	18.15	18.08	17.97	19.00
5	256QAM	12	13	18.20	18.14	18.21	19.00
5	256QAM	25	0	17.99	18.07	18.03	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.86	23.05	22.94	24.00
3	QPSK	1	8	23.03	23.02	23.06	24.00
3	QPSK	1	14	22.92	23.03	22.96	24.00
3	QPSK	8	0	21.91	22.07	21.99	23.00
3	QPSK	8	4	22.20	22.28	22.02	23.00
3	QPSK	8	7	22.03	22.16	22.06	23.00
3	QPSK	15	0	22.01	22.12	21.99	23.00
3	16QAM	1	0	22.22	22.37	22.29	23.00
3	16QAM	1	8	22.58	22.53	22.42	23.00
3	16QAM	1	14	22.20	22.35	22.38	23.00
3	16QAM	8	0	20.96	21.04	20.94	22.00
3	16QAM	8	4	20.95	21.08	21.00	22.00
3	16QAM	8	7	21.10	21.20	21.25	22.00
3	16QAM	15	0	21.19	21.18	21.15	22.00
3	64QAM	1	0	21.18	21.20	21.12	22.00
3	64QAM	1	8	21.16	21.23	21.14	22.00
3	64QAM	1	14	21.23	21.34	21.14	22.00
3	64QAM	8	0	19.93	20.12	20.02	21.00
3	64QAM	8	4	20.02	20.17	19.97	21.00
3	64QAM	8	7	20.17	20.19	20.13	21.00
3	64QAM	15	0	19.95	20.08	19.99	21.00
3	256QAM	1	0	18.09	18.07	18.05	19.00
3	256QAM	1	8	18.10	18.23	18.12	19.00
3	256QAM	1	14	18.28	18.30	18.30	19.00
3	256QAM	8	0	18.03	18.11	17.98	19.00
3	256QAM	8	4	18.17	18.21	18.01	19.00
3	256QAM	8	7	18.14	18.22	18.21	19.00
3	256QAM	15	0	18.10	18.05	18.04	19.00

Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.84	22.84	22.89	24.00
1.4	QPSK	1	3	22.79	22.88	22.92	24.00
1.4	QPSK	1	5	22.82	22.77	22.81	24.00
1.4	QPSK	3	0	22.83	22.97	22.77	24.00
1.4	QPSK	3	1	22.95	23.02	23.00	24.00
1.4	QPSK	3	3	22.98	23.07	22.94	24.00
1.4	QPSK	6	0	21.87	21.98	21.91	23.00
1.4	16QAM	1	0	22.21	22.13	22.13	23.00
1.4	16QAM	1	3	22.41	22.42	22.39	23.00
1.4	16QAM	1	5	22.18	22.16	22.18	23.00
1.4	16QAM	3	0	21.98	21.92	21.90	23.00
1.4	16QAM	3	1	21.90	21.94	22.00	23.00
1.4	16QAM	3	3	22.00	22.10	22.08	23.00
1.4	16QAM	6	0	21.03	21.02	20.89	22.00
1.4	64QAM	1	0	21.05	21.11	21.07	22.00
1.4	64QAM	1	3	21.09	21.17	21.03	22.00
1.4	64QAM	1	5	21.07	21.25	21.03	22.00
1.4	64QAM	3	0	20.83	20.99	21.04	22.00
1.4	64QAM	3	1	20.82	20.98	20.92	22.00
1.4	64QAM	3	3	20.99	21.05	21.10	22.00
1.4	64QAM	6	0	19.81	20.08	20.01	21.00
1.4	256QAM	1	0	18.00	17.94	17.96	19.00
1.4	256QAM	1	3	18.05	18.16	18.11	19.00
1.4	256QAM	1	5	18.17	18.34	18.29	19.00
1.4	256QAM	3	0	18.00	18.01	17.82	19.00
1.4	256QAM	3	1	17.94	18.09	17.92	19.00
1.4	256QAM	3	3	17.97	18.14	18.11	19.00
1.4	256QAM	6	0	18.02	17.97	17.84	19.00

【LTE Band 4_Ant 4_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				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		22.29		24.00
20	QPSK	1	49		22.36		24.00
20	QPSK	1	99		22.24		24.00
20	QPSK	50	0		21.36		23.00
20	QPSK	50	24		21.42		23.00
20	QPSK	50	50		21.41		23.00
20	QPSK	100	0		21.36		23.00
20	16QAM	1	0		21.77		23.00
20	16QAM	1	49		21.70		23.00
20	16QAM	1	99		21.63		23.00
20	16QAM	50	0		20.40		22.00
20	16QAM	50	24		20.37		22.00
20	16QAM	50	50		20.43		22.00
20	16QAM	100	0		20.37		22.00
20	64QAM	1	0		20.68		22.00
20	64QAM	1	49		20.57		22.00
20	64QAM	1	99		20.55		22.00
20	64QAM	50	0		19.41		21.00
20	64QAM	50	24		19.39		21.00
20	64QAM	50	50		19.43		21.00
20	64QAM	100	0		19.36		21.00
20	256QAM	1	0		17.57		19.00
20	256QAM	1	49		17.66		19.00
20	256QAM	1	99		17.86		19.00
20	256QAM	50	0		17.45		19.00
20	256QAM	50	24		17.57		19.00
20	256QAM	50	50		17.69		19.00
20	256QAM	100	0		17.62		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.09	22.15	22.14	24.00
15	QPSK	1	37	22.21	22.27	22.23	24.00
15	QPSK	1	74	22.01	22.17	22.00	24.00
15	QPSK	36	0	21.31	21.27	21.11	23.00
15	QPSK	36	20	21.28	21.39	21.26	23.00
15	QPSK	36	39	21.17	21.29	21.16	23.00
15	QPSK	75	0	21.24	21.31	21.28	23.00

15	16QAM	1	0	21.53	21.72	21.61	23.00
15	16QAM	1	37	21.61	21.59	21.47	23.00
15	16QAM	1	74	21.56	21.58	21.59	23.00
15	16QAM	36	0	20.26	20.39	20.23	22.00
15	16QAM	36	20	20.20	20.22	20.16	22.00
15	16QAM	36	39	20.36	20.37	20.25	22.00
15	16QAM	75	0	20.15	20.34	20.19	22.00
15	64QAM	1	0	20.50	20.61	20.64	22.00
15	64QAM	1	37	20.36	20.51	20.43	22.00
15	64QAM	1	74	20.47	20.54	20.41	22.00
15	64QAM	36	0	19.30	19.35	19.19	21.00
15	64QAM	36	20	19.22	19.28	19.20	21.00
15	64QAM	36	39	19.28	19.31	19.27	21.00
15	64QAM	75	0	19.24	19.22	19.13	21.00
15	256QAM	1	0	17.48	17.46	17.44	19.00
15	256QAM	1	37	17.48	17.63	17.66	19.00
15	256QAM	1	74	17.70	17.76	17.58	19.00
15	256QAM	36	0	17.37	17.32	17.26	19.00
15	256QAM	36	20	17.44	17.55	17.41	19.00
15	256QAM	36	39	17.46	17.63	17.48	19.00
15	256QAM	75	0	17.39	17.56	17.25	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.10	22.18	22.09	24.00
10	QPSK	1	25	22.32	22.35	22.18	24.00
10	QPSK	1	49	22.04	22.20	22.05	24.00
10	QPSK	25	0	21.25	21.30	21.13	23.00
10	QPSK	25	12	21.30	21.40	21.36	23.00
10	QPSK	25	25	21.23	21.35	21.16	23.00
10	QPSK	50	0	21.23	21.29	21.26	23.00
10	16QAM	1	0	21.58	21.66	21.50	23.00
10	16QAM	1	25	21.64	21.56	21.54	23.00
10	16QAM	1	49	21.59	21.48	21.51	23.00
10	16QAM	25	0	20.23	20.39	20.26	22.00
10	16QAM	25	12	20.32	20.28	20.27	22.00
10	16QAM	25	25	20.39	20.31	20.34	22.00
10	16QAM	50	0	20.17	20.26	20.27	22.00
10	64QAM	1	0	20.44	20.62	20.63	22.00
10	64QAM	1	25	20.38	20.43	20.45	22.00
10	64QAM	1	49	20.41	20.46	20.35	22.00
10	64QAM	25	0	19.19	19.33	19.19	21.00
10	64QAM	25	12	19.17	19.35	19.19	21.00
10	64QAM	25	25	19.28	19.36	19.26	21.00
10	64QAM	50	0	19.23	19.30	19.18	21.00
10	256QAM	1	0	17.41	17.54	17.45	19.00
10	256QAM	1	25	17.49	17.61	17.60	19.00
10	256QAM	1	49	17.74	17.76	17.65	19.00
10	256QAM	25	0	17.47	17.42	17.35	19.00
10	256QAM	25	12	17.46	17.42	17.45	19.00
10	256QAM	25	25	17.52	17.66	17.50	19.00
10	256QAM	50	0	17.37	17.61	17.22	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.13	22.16	22.15	24.00
5	QPSK	1	12	22.22	22.34	22.28	24.00
5	QPSK	1	24	22.12	22.21	22.08	24.00
5	QPSK	12	0	21.30	21.27	21.10	23.00
5	QPSK	12	7	21.25	21.28	21.32	23.00
5	QPSK	12	13	21.15	21.39	21.20	23.00
5	QPSK	25	0	21.22	21.25	21.27	23.00
5	16QAM	1	0	21.63	21.68	21.58	23.00
5	16QAM	1	12	21.55	21.61	21.54	23.00
5	16QAM	1	24	21.57	21.62	21.45	23.00
5	16QAM	12	0	20.28	20.39	20.31	22.00
5	16QAM	12	7	20.24	20.36	20.26	22.00
5	16QAM	12	13	20.36	20.29	20.22	22.00
5	16QAM	25	0	20.09	20.27	20.17	22.00
5	64QAM	1	0	20.49	20.61	20.56	22.00
5	64QAM	1	12	20.40	20.45	20.42	22.00
5	64QAM	1	24	20.45	20.45	20.31	22.00
5	64QAM	12	0	19.26	19.37	19.21	21.00
5	64QAM	12	7	19.25	19.24	19.12	21.00
5	64QAM	12	13	19.25	19.37	19.17	21.00
5	64QAM	25	0	19.18	19.23	19.18	21.00
5	256QAM	1	0	17.43	17.53	17.46	19.00
5	256QAM	1	12	17.45	17.62	17.61	19.00
5	256QAM	1	24	17.75	17.79	17.64	19.00
5	256QAM	12	0	17.48	17.38	17.21	19.00



5	256QAM	12	7	17.32	17.54	17.44	19.00
5	256QAM	12	13	17.47	17.68	17.51	19.00
5	256QAM	25	0	17.39	17.49	17.22	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.04	22.23	22.04	24.00
3	QPSK	1	8	22.31	22.21	22.22	24.00
3	QPSK	1	14	22.09	22.11	22.04	24.00
3	QPSK	8	0	21.27	21.30	21.11	23.00
3	QPSK	8	4	21.31	21.37	21.31	23.00
3	QPSK	8	7	21.18	21.28	21.25	23.00
3	QPSK	15	0	21.22	21.32	21.24	23.00
3	16QAM	1	0	21.62	21.70	21.60	23.00
3	16QAM	1	8	21.60	21.55	21.53	23.00
3	16QAM	1	14	21.57	21.49	21.46	23.00
3	16QAM	8	0	20.27	20.28	20.22	22.00
3	16QAM	8	4	20.33	20.31	20.27	22.00
3	16QAM	8	7	20.38	20.36	20.23	22.00
3	16QAM	15	0	20.12	20.33	20.27	22.00
3	64QAM	1	0	20.53	20.55	20.61	22.00
3	64QAM	1	8	20.28	20.44	20.40	22.00
3	64QAM	1	14	20.48	20.52	20.41	22.00
3	64QAM	8	0	19.27	19.35	19.29	21.00
3	64QAM	8	4	19.20	19.32	19.14	21.00
3	64QAM	8	7	19.22	19.39	19.22	21.00
3	64QAM	15	0	19.15	19.24	19.13	21.00
3	256QAM	1	0	17.40	17.52	17.38	19.00
3	256QAM	1	8	17.52	17.59	17.55	19.00
3	256QAM	1	14	17.65	17.78	17.60	19.00
3	256QAM	8	0	17.48	17.43	17.34	19.00
3	256QAM	8	4	17.42	17.45	17.31	19.00
3	256QAM	8	7	17.49	17.63	17.45	19.00
3	256QAM	15	0	17.29	17.55	17.28	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.00	22.14	22.10	24.00
1.4	QPSK	1	3	22.24	22.21	22.26	24.00
1.4	QPSK	1	5	22.07	22.10	22.08	24.00
1.4	QPSK	3	0	22.28	22.18	22.07	24.00
1.4	QPSK	3	1	22.32	22.30	22.27	24.00
1.4	QPSK	3	3	22.26	22.31	22.20	24.00
1.4	QPSK	6	0	21.10	21.35	21.20	23.00
1.4	16QAM	1	0	21.59	21.64	21.46	23.00
1.4	16QAM	1	3	21.60	21.59	21.53	23.00
1.4	16QAM	1	5	21.47	21.49	21.60	23.00
1.4	16QAM	3	0	21.15	21.24	21.33	23.00
1.4	16QAM	3	1	21.34	21.30	21.21	23.00
1.4	16QAM	3	3	21.35	21.32	21.26	23.00
1.4	16QAM	6	0	20.11	20.29	20.21	22.00
1.4	64QAM	1	0	20.39	20.65	20.56	22.00
1.4	64QAM	1	3	20.31	20.47	20.51	22.00
1.4	64QAM	1	5	20.52	20.49	20.41	22.00
1.4	64QAM	3	0	20.24	20.25	20.32	22.00
1.4	64QAM	3	1	20.14	20.21	20.17	22.00
1.4	64QAM	3	3	20.21	20.37	20.28	22.00
1.4	64QAM	6	0	19.18	19.34	19.07	21.00
1.4	256QAM	1	0	17.54	17.51	17.47	19.00
1.4	256QAM	1	3	17.42	17.64	17.54	19.00
1.4	256QAM	1	5	17.60	17.68	17.56	19.00
1.4	256QAM	3	0	17.36	17.32	17.33	19.00
1.4	256QAM	3	1	17.35	17.50	17.45	19.00
1.4	256QAM	3	3	17.44	17.69	17.44	19.00
1.4	256QAM	6	0	17.27	17.52	17.25	19.00

【LTE Band 4_Ant 4_PA_Reference Designator_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				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		23.18		24.00
20	QPSK	1	49		23.20		24.00
20	QPSK	1	99		23.14		24.00
20	QPSK	50	0		22.13		23.00
20	QPSK	50	24		22.14		23.00
20	QPSK	50	50		22.11		23.00
20	QPSK	100	0		22.10		23.00
20	16QAM	1	0		22.21		23.00
20	16QAM	1	49		22.23		23.00
20	16QAM	1	99		22.16		23.00
20	16QAM	50	0		21.09		22.00
20	16QAM	50	24		21.13		22.00
20	16QAM	50	50		21.18		22.00
20	16QAM	100	0		21.14		22.00
20	64QAM	1	0		21.09		22.00
20	64QAM	1	49		21.03		22.00
20	64QAM	1	99		21.05		22.00
20	64QAM	50	0		20.14		21.00
20	64QAM	50	24		20.13		21.00
20	64QAM	50	50		20.23		21.00
20	64QAM	100	0		20.12		21.00
20	256QAM	1	0		18.37		19.00
20	256QAM	1	49		18.34		19.00
20	256QAM	1	99		18.25		19.00
20	256QAM	50	0		18.32		19.00
20	256QAM	50	24		18.25		19.00
20	256QAM	50	50		18.31		19.00
20	256QAM	100	0		18.25		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.02	23.09	23.05	24.00
15	QPSK	1	37	23.01	23.08	23.05	24.00
15	QPSK	1	74	22.92	23.02	22.90	24.00
15	QPSK	36	0	21.96	22.01	21.92	23.00
15	QPSK	36	20	22.03	22.02	22.02	23.00
15	QPSK	36	39	21.94	21.96	21.86	23.00
15	QPSK	75	0	21.83	22.02	21.97	23.00
15	16QAM	1	0	22.12	22.18	22.01	23.00
15	16QAM	1	37	21.99	22.10	22.05	23.00
15	16QAM	1	74	22.00	22.07	21.98	23.00
15	16QAM	36	0	20.99	21.06	20.95	22.00
15	16QAM	36	20	20.90	21.08	20.91	22.00
15	16QAM	36	39	20.89	21.05	21.12	22.00
15	16QAM	75	0	20.96	21.12	20.98	22.00
15	64QAM	1	0	20.85	21.08	20.97	22.00
15	64QAM	1	37	20.88	20.97	20.89	22.00
15	64QAM	1	74	20.93	20.98	20.95	22.00
15	64QAM	36	0	19.95	20.04	20.12	21.00
15	64QAM	36	20	19.99	20.04	19.91	21.00
15	64QAM	36	39	19.95	20.14	20.05	21.00
15	64QAM	75	0	19.96	20.09	19.89	21.00
15	256QAM	1	0	18.22	18.30	18.16	19.00
15	256QAM	1	37	18.21	18.28	18.21	19.00
15	256QAM	1	74	18.09	18.19	18.13	19.00
15	256QAM	36	0	18.19	18.22	18.12	19.00
15	256QAM	36	20	18.09	18.17	18.08	19.00
15	256QAM	36	39	18.18	18.27	18.14	19.00
15	256QAM	75	0	17.96	18.24	18.05	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.96	23.10	23.07	24.00
10	QPSK	1	25	23.02	23.05	23.13	24.00
10	QPSK	1	49	22.96	23.04	22.99	24.00
10	QPSK	25	0	21.87	22.05	21.95	23.00
10	QPSK	25	12	22.00	22.01	21.99	23.00
10	QPSK	25	25	22.01	22.02	21.85	23.00
10	QPSK	50	0	21.84	22.00	21.92	23.00
10	16QAM	1	0	22.12	22.13	21.97	23.00
10	16QAM	1	25	22.00	22.11	22.09	23.00

10	16QAM	1	49	21.93	22.08	22.02	23.00
10	16QAM	25	0	20.93	21.00	20.96	22.00
10	16QAM	25	12	20.98	21.02	20.87	22.00
10	16QAM	25	25	20.96	21.09	21.04	22.00
10	16QAM	50	0	20.91	20.99	20.94	22.00
10	64QAM	1	0	20.92	20.98	21.01	22.00
10	64QAM	1	25	20.79	20.96	20.99	22.00
10	64QAM	1	49	20.95	20.92	20.94	22.00
10	64QAM	25	0	19.93	20.10	20.05	21.00
10	64QAM	25	12	19.99	20.08	19.94	21.00
10	64QAM	25	25	20.05	20.20	20.04	21.00
10	64QAM	50	0	19.92	20.07	19.90	21.00
10	256QAM	1	0	18.18	18.35	18.29	19.00
10	256QAM	1	25	18.18	18.27	18.18	19.00
10	256QAM	1	49	18.11	18.10	18.17	19.00
10	256QAM	25	0	18.29	18.17	18.15	19.00
10	256QAM	25	12	18.06	18.19	18.02	19.00
10	256QAM	25	25	18.20	18.26	18.16	19.00
10	256QAM	50	0	17.98	18.21	18.11	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.91	23.16	23.04	24.00
5	QPSK	1	12	22.96	23.09	23.11	24.00
5	QPSK	1	24	22.95	23.10	22.95	24.00
5	QPSK	12	0	21.92	21.99	21.97	23.00
5	QPSK	12	7	21.92	22.01	22.03	23.00
5	QPSK	12	13	21.98	22.02	21.98	23.00
5	QPSK	25	0	21.86	22.06	22.01	23.00
5	16QAM	1	0	22.06	22.13	22.07	23.00
5	16QAM	1	12	22.04	22.14	22.06	23.00
5	16QAM	1	24	21.99	22.04	22.07	23.00
5	16QAM	12	0	20.93	20.95	20.99	22.00
5	16QAM	12	7	20.89	21.00	20.88	22.00
5	16QAM	12	13	21.02	21.09	21.07	22.00
5	16QAM	25	0	21.00	21.13	20.89	22.00
5	64QAM	1	0	20.95	20.99	20.95	22.00
5	64QAM	1	12	20.83	20.95	20.94	22.00
5	64QAM	1	24	20.94	21.01	20.88	22.00
5	64QAM	12	0	19.98	20.07	19.99	21.00
5	64QAM	12	7	20.00	20.07	19.95	21.00
5	64QAM	12	13	19.95	20.11	19.96	21.00
5	64QAM	25	0	20.02	20.00	20.00	21.00
5	256QAM	1	0	18.31	18.31	18.16	19.00
5	256QAM	1	12	18.21	18.27	18.14	19.00
5	256QAM	1	24	18.12	18.23	18.11	19.00
5	256QAM	12	0	18.19	18.20	18.22	19.00
5	256QAM	12	7	18.04	18.22	18.02	19.00
5	256QAM	12	13	18.17	18.27	18.10	19.00
5	256QAM	25	0	18.00	18.23	18.12	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.99	23.04	22.99	24.00
3	QPSK	1	8	23.00	23.06	23.13	24.00
3	QPSK	1	14	22.92	23.03	22.94	24.00
3	QPSK	8	0	21.93	22.03	21.90	23.00
3	QPSK	8	4	22.01	22.09	21.95	23.00
3	QPSK	8	7	21.99	22.07	21.92	23.00
3	QPSK	15	0	21.90	22.04	21.96	23.00
3	16QAM	1	0	22.03	22.18	21.93	23.00
3	16QAM	1	8	22.05	22.16	22.09	23.00
3	16QAM	1	14	21.89	22.05	21.96	23.00
3	16QAM	8	0	20.93	21.03	20.85	22.00
3	16QAM	8	4	20.87	21.03	20.85	22.00
3	16QAM	8	7	21.00	21.13	21.09	22.00
3	16QAM	15	0	21.01	21.00	20.97	22.00
3	64QAM	1	0	20.84	20.96	21.01	22.00
3	64QAM	1	8	20.88	20.98	20.90	22.00
3	64QAM	1	14	20.91	21.04	20.94	22.00
3	64QAM	8	0	19.94	20.09	20.10	21.00
3	64QAM	8	4	20.00	20.04	19.92	21.00
3	64QAM	8	7	20.02	20.15	19.98	21.00
3	64QAM	15	0	19.94	20.11	19.89	21.00
3	256QAM	1	0	18.21	18.29	18.18	19.00
3	256QAM	1	8	18.24	18.21	18.17	19.00
3	256QAM	1	14	18.08	18.12	18.16	19.00
3	256QAM	8	0	18.23	18.31	18.15	19.00
3	256QAM	8	4	18.02	18.10	17.99	19.00
3	256QAM	8	7	18.16	18.20	18.18	19.00

3	256QAM	15	0	18.08	18.19	18.05	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.76	22.98	22.90	24.00
1.4	QPSK	1	3	22.87	23.04	23.04	24.00
1.4	QPSK	1	5	22.90	22.91	22.78	24.00
1.4	QPSK	3	0	22.67	23.02	22.91	24.00
1.4	QPSK	3	1	22.90	23.01	22.96	24.00
1.4	QPSK	3	3	22.88	22.97	22.81	24.00
1.4	QPSK	6	0	21.81	21.97	21.87	23.00
1.4	16QAM	1	0	21.92	21.94	21.99	23.00
1.4	16QAM	1	3	22.02	22.01	21.97	23.00
1.4	16QAM	1	5	21.85	22.01	21.84	23.00
1.4	16QAM	3	0	21.77	21.84	21.87	23.00
1.4	16QAM	3	1	21.92	21.98	21.96	23.00
1.4	16QAM	3	3	21.95	21.89	22.06	23.00
1.4	16QAM	6	0	20.94	20.97	20.76	22.00
1.4	64QAM	1	0	20.70	20.93	20.86	22.00
1.4	64QAM	1	3	20.86	20.74	20.84	22.00
1.4	64QAM	1	5	20.79	20.82	20.79	22.00
1.4	64QAM	3	0	20.84	20.88	20.92	22.00
1.4	64QAM	3	1	20.86	21.06	20.87	22.00
1.4	64QAM	3	3	20.84	20.95	20.92	22.00
1.4	64QAM	6	0	19.82	19.93	19.74	21.00
1.4	256QAM	1	0	18.19	18.07	18.22	19.00
1.4	256QAM	1	3	18.02	18.19	18.07	19.00
1.4	256QAM	1	5	18.09	18.21	18.09	19.00
1.4	256QAM	3	0	18.04	18.22	17.95	19.00
1.4	256QAM	3	1	18.05	17.94	17.98	19.00
1.4	256QAM	3	3	18.04	18.13	18.00	19.00
1.4	256QAM	6	0	18.06	18.07	17.97	19.00

【LTE Band 4_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		12.45		14.00
20	QPSK	1	49		12.51		14.00
20	QPSK	1	99		12.41		14.00
20	QPSK	50	0		12.37		14.00
20	QPSK	50	24		12.45		14.00
20	QPSK	50	50		12.45		14.00
20	QPSK	100	0		12.46		14.00
20	16QAM	1	0		12.40		14.00
20	16QAM	1	49		12.39		14.00
20	16QAM	1	99		12.46		14.00
20	16QAM	50	0		12.44		14.00
20	16QAM	50	24		12.43		14.00
20	16QAM	50	50		12.43		14.00
20	16QAM	100	0		12.43		14.00
20	64QAM	1	0		12.46		14.00
20	64QAM	1	49		12.37		14.00
20	64QAM	1	99		12.49		14.00
20	64QAM	50	0		12.36		14.00
20	64QAM	50	24		12.32		14.00
20	64QAM	50	50		12.38		14.00
20	64QAM	100	0		12.30		14.00
20	256QAM	1	0		12.32		14.00
20	256QAM	1	49		12.42		14.00
20	256QAM	1	99		12.36		14.00
20	256QAM	50	0		12.34		14.00
20	256QAM	50	24		12.30		14.00
20	256QAM	50	50		12.44		14.00
20	256QAM	100	0		12.38		14.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	12.25	12.43	12.23	14.00
15	QPSK	1	37	12.36	12.46	12.40	14.00
15	QPSK	1	74	12.25	12.37	12.12	14.00
15	QPSK	36	0	12.07	12.33	12.32	14.00
15	QPSK	36	20	12.30	12.35	12.36	14.00
15	QPSK	36	39	12.15	12.38	12.21	14.00

15	QPSK	75	0	12.26	12.37	12.23	14.00
15	16QAM	1	0	12.18	12.32	12.27	14.00
15	16QAM	1	37	12.21	12.30	12.35	14.00
15	16QAM	1	74	12.16	12.36	12.24	14.00
15	16QAM	36	0	12.24	12.42	12.19	14.00
15	16QAM	36	20	12.26	12.33	12.19	14.00
15	16QAM	36	39	12.25	12.35	12.22	14.00
15	16QAM	75	0	12.23	12.41	12.11	14.00
15	64QAM	1	0	12.17	12.42	12.27	14.00
15	64QAM	1	37	12.25	12.31	12.13	14.00
15	64QAM	1	74	12.22	12.44	12.34	14.00
15	64QAM	36	0	12.22	12.31	12.31	14.00
15	64QAM	36	20	12.19	12.27	12.16	14.00
15	64QAM	36	39	12.27	12.32	12.26	14.00
15	64QAM	75	0	12.32	12.24	12.29	14.00
15	256QAM	1	0	12.25	12.30	12.20	14.00
15	256QAM	1	37	12.21	12.35	12.31	14.00
15	256QAM	1	74	12.27	12.29	12.24	14.00
15	256QAM	36	0	12.25	12.24	12.23	14.00
15	256QAM	36	20	12.21	12.24	12.28	14.00
15	256QAM	36	39	12.15	12.34	12.31	14.00
15	256QAM	75	0	12.11	12.30	12.25	14.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	12.26	12.36	12.23	14.00
10	QPSK	1	25	12.30	12.42	12.40	14.00
10	QPSK	1	49	12.21	12.39	12.20	14.00
10	QPSK	25	0	12.15	12.28	12.35	14.00
10	QPSK	25	12	12.31	12.41	12.29	14.00
10	QPSK	25	25	12.19	12.35	12.16	14.00
10	QPSK	50	0	12.23	12.41	12.24	14.00
10	16QAM	1	0	12.16	12.31	12.26	14.00
10	16QAM	1	25	12.12	12.30	12.30	14.00
10	16QAM	1	49	12.14	12.40	12.23	14.00
10	16QAM	25	0	12.18	12.39	12.19	14.00
10	16QAM	25	12	12.25	12.36	12.14	14.00
10	16QAM	25	25	12.24	12.37	12.20	14.00
10	16QAM	50	0	12.23	12.39	12.19	14.00
10	64QAM	1	0	12.15	12.39	12.31	14.00
10	64QAM	1	25	12.24	12.27	12.13	14.00
10	64QAM	1	49	12.25	12.43	12.32	14.00
10	64QAM	25	0	12.26	12.26	12.25	14.00
10	64QAM	25	12	12.18	12.31	12.21	14.00
10	64QAM	25	25	12.31	12.33	12.24	14.00
10	64QAM	50	0	12.33	12.26	12.33	14.00
10	256QAM	1	0	12.17	12.27	12.19	14.00
10	256QAM	1	25	12.21	12.39	12.29	14.00
10	256QAM	1	49	12.22	12.29	12.23	14.00
10	256QAM	25	0	12.26	12.30	12.23	14.00
10	256QAM	25	12	12.23	12.29	12.30	14.00
10	256QAM	25	25	12.22	12.42	12.33	14.00
10	256QAM	50	0	12.16	12.31	12.24	14.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	12.31	12.35	12.25	14.00
5	QPSK	1	12	12.32	12.42	12.34	14.00
5	QPSK	1	24	12.17	12.38	12.13	14.00
5	QPSK	12	0	12.16	12.35	12.39	14.00
5	QPSK	12	7	12.26	12.43	12.34	14.00
5	QPSK	12	13	12.15	12.37	12.23	14.00
5	QPSK	25	0	12.26	12.37	12.28	14.00
5	16QAM	1	0	12.16	12.31	12.31	14.00
5	16QAM	1	12	12.18	12.29	12.35	14.00
5	16QAM	1	24	12.14	12.36	12.30	14.00
5	16QAM	12	0	12.20	12.41	12.20	14.00
5	16QAM	12	7	12.25	12.39	12.17	14.00
5	16QAM	12	13	12.28	12.33	12.20	14.00
5	16QAM	25	0	12.17	12.41	12.18	14.00
5	64QAM	1	0	12.16	12.41	12.26	14.00
5	64QAM	1	12	12.23	12.27	12.14	14.00
5	64QAM	1	24	12.26	12.45	12.33	14.00
5	64QAM	12	0	12.29	12.35	12.25	14.00
5	64QAM	12	7	12.19	12.29	12.14	14.00
5	64QAM	12	13	12.32	12.30	12.28	14.00
5	64QAM	25	0	12.26	12.21	12.30	14.00
5	256QAM	1	0	12.17	12.31	12.20	14.00
5	256QAM	1	12	12.20	12.37	12.35	14.00
5	256QAM	1	24	12.29	12.26	12.21	14.00

5	256QAM	12	0	12.28	12.33	12.23	14.00
5	256QAM	12	7	12.20	12.21	12.27	14.00
5	256QAM	12	13	12.15	12.43	12.34	14.00
5	256QAM	25	0	12.10	12.36	12.22	14.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	12.27	12.44	12.24	14.00
3	QPSK	1	8	12.33	12.46	12.39	14.00
3	QPSK	1	14	12.24	12.39	12.12	14.00
3	QPSK	8	0	12.16	12.34	12.37	14.00
3	QPSK	8	4	12.35	12.43	12.29	14.00
3	QPSK	8	7	12.24	12.41	12.23	14.00
3	QPSK	15	0	12.21	12.37	12.31	14.00
3	16QAM	1	0	12.10	12.34	12.33	14.00
3	16QAM	1	8	12.17	12.38	12.29	14.00
3	16QAM	1	14	12.13	12.37	12.30	14.00
3	16QAM	8	0	12.18	12.41	12.19	14.00
3	16QAM	8	4	12.32	12.33	12.19	14.00
3	16QAM	8	7	12.24	12.41	12.19	14.00
3	16QAM	15	0	12.15	12.38	12.20	14.00
3	64QAM	1	0	12.22	12.36	12.27	14.00
3	64QAM	1	8	12.23	12.31	12.19	14.00
3	64QAM	1	14	12.23	12.45	12.27	14.00
3	64QAM	8	0	12.23	12.34	12.27	14.00
3	64QAM	8	4	12.20	12.24	12.12	14.00
3	64QAM	8	7	12.28	12.33	12.33	14.00
3	64QAM	15	0	12.29	12.23	12.32	14.00
3	256QAM	1	0	12.20	12.31	12.19	14.00
3	256QAM	1	8	12.18	12.38	12.28	14.00
3	256QAM	1	14	12.25	12.27	12.27	14.00
3	256QAM	8	0	12.24	12.30	12.19	14.00
3	256QAM	8	4	12.20	12.25	12.26	14.00
3	256QAM	8	7	12.15	12.39	12.35	14.00
3	256QAM	15	0	12.16	12.36	12.17	14.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	12.33	12.42	12.20	14.00
1.4	QPSK	1	3	12.28	12.49	12.36	14.00
1.4	QPSK	1	5	12.23	12.38	12.19	14.00
1.4	QPSK	3	0	12.09	12.34	12.34	14.00
1.4	QPSK	3	1	12.35	12.35	12.28	14.00
1.4	QPSK	3	3	12.21	12.41	12.16	14.00
1.4	QPSK	6	0	12.27	12.38	12.32	14.00
1.4	16QAM	1	0	12.11	12.36	12.30	14.00
1.4	16QAM	1	3	12.21	12.38	12.32	14.00
1.4	16QAM	1	5	12.11	12.42	12.31	14.00
1.4	16QAM	3	0	12.19	12.42	12.24	14.00
1.4	16QAM	3	1	12.23	12.42	12.22	14.00
1.4	16QAM	3	3	12.25	12.36	12.25	14.00
1.4	16QAM	6	0	12.20	12.33	12.13	14.00
1.4	64QAM	1	0	12.21	12.43	12.32	14.00
1.4	64QAM	1	3	12.26	12.34	12.18	14.00
1.4	64QAM	1	5	12.22	12.44	12.29	14.00
1.4	64QAM	3	0	12.25	12.32	12.31	14.00
1.4	64QAM	3	1	12.20	12.31	12.20	14.00
1.4	64QAM	3	3	12.28	12.31	12.24	14.00
1.4	64QAM	6	0	12.32	12.29	12.27	14.00
1.4	256QAM	1	0	12.25	12.31	12.18	14.00
1.4	256QAM	1	3	12.26	12.36	12.30	14.00
1.4	256QAM	1	5	12.25	12.33	12.26	14.00
1.4	256QAM	3	0	12.29	12.33	12.22	14.00
1.4	256QAM	3	1	12.19	12.25	12.25	14.00
1.4	256QAM	3	3	12.14	12.41	12.36	14.00
1.4	256QAM	6	0	12.14	12.29	12.21	14.00

【LTE Band 4_Ant 4_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				20025	20175	20325	16.50
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		14.78		16.50
20	QPSK	1	49		14.86		16.50
20	QPSK	1	99		14.76		16.50
20	QPSK	50	0		14.79		16.50
20	QPSK	50	24		14.84		16.50
20	QPSK	50	50		14.65		16.50
20	QPSK	100	0		14.78		16.50
20	16QAM	1	0		14.77		16.50
20	16QAM	1	49		14.73		16.50
20	16QAM	1	99		14.71		16.50
20	16QAM	50	0		14.74		16.50
20	16QAM	50	24		14.65		16.50
20	16QAM	50	50		14.72		16.50
20	16QAM	100	0		14.70		16.50
20	64QAM	1	0		14.73		16.50
20	64QAM	1	49		14.77		16.50
20	64QAM	1	99		14.72		16.50
20	64QAM	50	0		14.81		16.50
20	64QAM	50	24		14.78		16.50
20	64QAM	50	50		14.81		16.50
20	64QAM	100	0		14.83		16.50
20	256QAM	1	0		14.72		16.50
20	256QAM	1	49		14.81		16.50
20	256QAM	1	99		14.83		16.50
20	256QAM	50	0		14.76		16.50
20	256QAM	50	24		14.69		16.50
20	256QAM	50	50		14.73		16.50
20	256QAM	100	0		14.70		16.50
Channel				20025	20175	20325	16.50
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	14.72	14.68	14.65	16.50
15	QPSK	1	37	14.64	14.77	14.78	16.50
15	QPSK	1	74	14.56	14.71	14.58	16.50
15	QPSK	36	0	14.69	14.73	14.66	16.50
15	QPSK	36	20	14.69	14.74	14.71	16.50
15	QPSK	36	39	14.72	14.60	14.52	16.50
15	QPSK	75	0	14.67	14.77	14.62	16.50
15	16QAM	1	0	14.55	14.69	14.50	16.50
15	16QAM	1	37	14.63	14.63	14.61	16.50
15	16QAM	1	74	14.53	14.68	14.54	16.50
15	16QAM	36	0	14.62	14.64	14.64	16.50
15	16QAM	36	20	14.55	14.60	14.69	16.50
15	16QAM	36	39	14.58	14.66	14.61	16.50
15	16QAM	75	0	14.64	14.65	14.69	16.50
15	64QAM	1	0	14.66	14.69	14.64	16.50
15	64QAM	1	37	14.56	14.69	14.69	16.50
15	64QAM	1	74	14.67	14.71	14.61	16.50
15	64QAM	36	0	14.63	14.80	14.53	16.50
15	64QAM	36	20	14.68	14.75	14.58	16.50
15	64QAM	36	39	14.60	14.76	14.58	16.50
15	64QAM	75	0	14.64	14.73	14.67	16.50
15	256QAM	1	0	14.61	14.69	14.63	16.50
15	256QAM	1	37	14.66	14.80	14.58	16.50
15	256QAM	1	74	14.54	14.73	14.56	16.50
15	256QAM	36	0	14.58	14.66	14.59	16.50
15	256QAM	36	20	14.66	14.64	14.63	16.50
15	256QAM	36	39	14.61	14.71	14.62	16.50
15	256QAM	75	0	14.61	14.61	14.64	16.50
Channel				20000	20175	20350	16.50
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	14.72	14.75	14.73	16.50
10	QPSK	1	25	14.73	14.79	14.73	16.50
10	QPSK	1	49	14.62	14.73	14.59	16.50
10	QPSK	25	0	14.66	14.76	14.65	16.50
10	QPSK	25	12	14.66	14.82	14.69	16.50
10	QPSK	25	25	14.72	14.56	14.55	16.50
10	QPSK	50	0	14.63	14.73	14.59	16.50
10	16QAM	1	0	14.58	14.71	14.54	16.50
10	16QAM	1	25	14.61	14.69	14.66	16.50
10	16QAM	1	49	14.57	14.68	14.52	16.50

10	16QAM	25	0	14.55	14.70	14.65	16.50
10	16QAM	25	12	14.59	14.56	14.67	16.50
10	16QAM	25	25	14.60	14.62	14.68	16.50
10	16QAM	50	0	14.63	14.69	14.66	16.50
10	64QAM	1	0	14.70	14.67	14.60	16.50
10	64QAM	1	25	14.60	14.73	14.68	16.50
10	64QAM	1	49	14.69	14.68	14.61	16.50
10	64QAM	25	0	14.61	14.73	14.55	16.50
10	64QAM	25	12	14.71	14.77	14.54	16.50
10	64QAM	25	25	14.67	14.76	14.53	16.50
10	64QAM	50	0	14.72	14.81	14.63	16.50
10	256QAM	1	0	14.65	14.67	14.58	16.50
10	256QAM	1	25	14.71	14.78	14.56	16.50
10	256QAM	1	49	14.53	14.77	14.60	16.50
10	256QAM	25	0	14.62	14.73	14.54	16.50
10	256QAM	25	12	14.63	14.64	14.60	16.50
10	256QAM	25	25	14.59	14.66	14.56	16.50
10	256QAM	50	0	14.60	14.67	14.67	16.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	14.72	14.68	14.72	16.50
5	QPSK	1	12	14.65	14.74	14.77	16.50
5	QPSK	1	24	14.57	14.74	14.59	16.50
5	QPSK	12	0	14.60	14.71	14.59	16.50
5	QPSK	12	7	14.71	14.82	14.73	16.50
5	QPSK	12	13	14.72	14.59	14.59	16.50
5	QPSK	25	0	14.64	14.74	14.64	16.50
5	16QAM	1	0	14.56	14.67	14.55	16.50
5	16QAM	1	12	14.58	14.69	14.58	16.50
5	16QAM	1	24	14.58	14.67	14.52	16.50
5	16QAM	12	0	14.60	14.73	14.56	16.50
5	16QAM	12	7	14.58	14.62	14.73	16.50
5	16QAM	12	13	14.58	14.64	14.69	16.50
5	16QAM	25	0	14.65	14.67	14.65	16.50
5	64QAM	1	0	14.67	14.70	14.64	16.50
5	64QAM	1	12	14.63	14.76	14.70	16.50
5	64QAM	1	24	14.75	14.62	14.58	16.50
5	64QAM	12	0	14.62	14.76	14.53	16.50
5	64QAM	12	7	14.67	14.75	14.55	16.50
5	64QAM	12	13	14.62	14.78	14.58	16.50
5	64QAM	25	0	14.66	14.80	14.60	16.50
5	256QAM	1	0	14.67	14.69	14.64	16.50
5	256QAM	1	12	14.64	14.76	14.52	16.50
5	256QAM	1	24	14.53	14.76	14.55	16.50
5	256QAM	12	0	14.58	14.69	14.57	16.50
5	256QAM	12	7	14.61	14.61	14.61	16.50
5	256QAM	12	13	14.61	14.69	14.63	16.50
5	256QAM	25	0	14.60	14.65	14.67	16.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	14.70	14.73	14.73	16.50
3	QPSK	1	8	14.70	14.74	14.69	16.50
3	QPSK	1	14	14.55	14.66	14.61	16.50
3	QPSK	8	0	14.64	14.73	14.63	16.50
3	QPSK	8	4	14.64	14.83	14.74	16.50
3	QPSK	8	7	14.67	14.56	14.61	16.50
3	QPSK	15	0	14.62	14.69	14.60	16.50
3	16QAM	1	0	14.64	14.71	14.52	16.50
3	16QAM	1	8	14.60	14.70	14.65	16.50
3	16QAM	1	14	14.55	14.63	14.57	16.50
3	16QAM	8	0	14.60	14.71	14.57	16.50
3	16QAM	8	4	14.59	14.56	14.71	16.50
3	16QAM	8	7	14.65	14.62	14.66	16.50
3	16QAM	15	0	14.59	14.63	14.71	16.50
3	64QAM	1	0	14.63	14.71	14.63	16.50
3	64QAM	1	8	14.61	14.75	14.68	16.50
3	64QAM	1	14	14.72	14.67	14.60	16.50
3	64QAM	8	0	14.56	14.74	14.58	16.50
3	64QAM	8	4	14.66	14.73	14.51	16.50
3	64QAM	8	7	14.64	14.72	14.52	16.50
3	64QAM	15	0	14.66	14.81	14.67	16.50
3	256QAM	1	0	14.61	14.64	14.55	16.50
3	256QAM	1	8	14.66	14.75	14.57	16.50
3	256QAM	1	14	14.59	14.78	14.59	16.50
3	256QAM	8	0	14.63	14.74	14.60	16.50
3	256QAM	8	4	14.65	14.65	14.69	16.50
3	256QAM	8	7	14.61	14.69	14.57	16.50
3	256QAM	15	0	14.64	14.66	14.63	16.50

Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	14.70	14.69	14.65	16.50
1.4	QPSK	1	3	14.68	14.77	14.72	16.50
1.4	QPSK	1	5	14.61	14.70	14.60	16.50
1.4	QPSK	3	0	14.69	14.75	14.66	16.50
1.4	QPSK	3	1	14.71	14.77	14.75	16.50
1.4	QPSK	3	3	14.68	14.59	14.52	16.50
1.4	QPSK	6	0	14.61	14.73	14.63	16.50
1.4	16QAM	1	0	14.55	14.76	14.51	16.50
1.4	16QAM	1	3	14.63	14.67	14.64	16.50
1.4	16QAM	1	5	14.55	14.66	14.50	16.50
1.4	16QAM	3	0	14.55	14.65	14.62	16.50
1.4	16QAM	3	1	14.56	14.55	14.67	16.50
1.4	16QAM	3	3	14.63	14.69	14.68	16.50
1.4	16QAM	6	0	14.58	14.66	14.66	16.50
1.4	64QAM	1	0	14.69	14.72	14.67	16.50
1.4	64QAM	1	3	14.65	14.73	14.61	16.50
1.4	64QAM	1	5	14.69	14.63	14.56	16.50
1.4	64QAM	3	0	14.57	14.72	14.51	16.50
1.4	64QAM	3	1	14.66	14.77	14.54	16.50
1.4	64QAM	3	3	14.62	14.74	14.53	16.50
1.4	64QAM	6	0	14.67	14.78	14.61	16.50
1.4	256QAM	1	0	14.64	14.62	14.55	16.50
1.4	256QAM	1	3	14.71	14.80	14.53	16.50
1.4	256QAM	1	5	14.59	14.82	14.59	16.50
1.4	256QAM	3	0	14.61	14.73	14.59	16.50
1.4	256QAM	3	1	14.61	14.67	14.64	16.50
1.4	256QAM	3	3	14.55	14.72	14.58	16.50
1.4	256QAM	6	0	14.60	14.62	14.63	16.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		17.91		19.50
20	QPSK	1	49		17.95		19.50
20	QPSK	1	99		17.82		19.50
20	QPSK	50	0		17.88		19.50
20	QPSK	50	24		17.93		19.50
20	QPSK	50	50		17.92		19.50
20	QPSK	100	0		17.89		19.50
20	16QAM	1	0		17.83		19.50
20	16QAM	1	49		17.82		19.50
20	16QAM	1	99		17.81		19.50
20	16QAM	50	0		17.86		19.50
20	16QAM	50	24		17.92		19.50
20	16QAM	50	50		17.82		19.50
20	16QAM	100	0		17.82		19.50
20	64QAM	1	0		17.83		19.50
20	64QAM	1	49		17.79		19.50
20	64QAM	1	99		17.84		19.50
20	64QAM	50	0		17.81		19.50
20	64QAM	50	24		17.84		19.50
20	64QAM	50	50		17.81		19.50
20	64QAM	100	0		17.83		19.50
20	256QAM	1	0		17.42		19.00
20	256QAM	1	49		17.51		19.00
20	256QAM	1	99		17.71		19.00
20	256QAM	50	0		17.30		19.00
20	256QAM	50	24		17.42		19.00
20	256QAM	50	50		17.54		19.00
20	256QAM	100	0		17.47		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.84	17.83	17.73	19.50
15	QPSK	1	37	17.76	17.87	17.86	19.50
15	QPSK	1	74	17.80	17.76	17.61	19.50
15	QPSK	36	0	17.67	17.80	17.65	19.50
15	QPSK	36	20	17.76	17.87	17.81	19.50
15	QPSK	36	39	17.79	17.79	17.69	19.50
15	QPSK	75	0	17.71	17.88	17.67	19.50

15	16QAM	1	0	17.74	17.72	17.71	19.50
15	16QAM	1	37	17.73	17.76	17.60	19.50
15	16QAM	1	74	17.68	17.79	17.72	19.50
15	16QAM	36	0	17.75	17.83	17.70	19.50
15	16QAM	36	20	17.69	17.79	17.69	19.50
15	16QAM	36	39	17.71	17.81	17.69	19.50
15	16QAM	75	0	17.80	17.80	17.67	19.50
15	64QAM	1	0	17.73	17.81	17.76	19.50
15	64QAM	1	37	17.70	17.66	17.81	19.50
15	64QAM	1	74	17.85	17.72	17.71	19.50
15	64QAM	36	0	17.79	17.71	17.79	19.50
15	64QAM	36	20	17.80	17.68	17.74	19.50
15	64QAM	36	39	17.72	17.68	17.73	19.50
15	64QAM	75	0	17.78	17.80	17.69	19.50
15	256QAM	1	0	17.33	17.31	17.29	19.00
15	256QAM	1	37	17.33	17.48	17.51	19.00
15	256QAM	1	74	17.55	17.61	17.43	19.00
15	256QAM	36	0	17.22	17.17	17.11	19.00
15	256QAM	36	20	17.29	17.40	17.26	19.00
15	256QAM	36	39	17.31	17.48	17.33	19.00
15	256QAM	75	0	17.24	17.41	17.10	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.83	17.78	17.74	19.50
10	QPSK	1	25	17.87	17.84	17.86	19.50
10	QPSK	1	49	17.71	17.78	17.69	19.50
10	QPSK	25	0	17.66	17.83	17.66	19.50
10	QPSK	25	12	17.85	17.81	17.72	19.50
10	QPSK	25	25	17.76	17.83	17.70	19.50
10	QPSK	50	0	17.72	17.85	17.64	19.50
10	16QAM	1	0	17.68	17.67	17.65	19.50
10	16QAM	1	25	17.74	17.75	17.70	19.50
10	16QAM	1	49	17.80	17.67	17.77	19.50
10	16QAM	25	0	17.66	17.73	17.75	19.50
10	16QAM	25	12	17.75	17.88	17.68	19.50
10	16QAM	25	25	17.72	17.69	17.69	19.50
10	16QAM	50	0	17.72	17.66	17.70	19.50
10	64QAM	1	0	17.71	17.78	17.72	19.50
10	64QAM	1	25	17.61	17.70	17.76	19.50
10	64QAM	1	49	17.84	17.68	17.75	19.50
10	64QAM	25	0	17.77	17.80	17.75	19.50
10	64QAM	25	12	17.72	17.70	17.68	19.50
10	64QAM	25	25	17.66	17.65	17.81	19.50
10	64QAM	50	0	17.70	17.68	17.66	19.50
10	256QAM	1	0	17.26	17.39	17.30	19.00
10	256QAM	1	25	17.34	17.46	17.45	19.00
10	256QAM	1	49	17.59	17.61	17.50	19.00
10	256QAM	25	0	17.32	17.27	17.20	19.00
10	256QAM	25	12	17.31	17.27	17.30	19.00
10	256QAM	25	25	17.37	17.51	17.35	19.00
10	256QAM	50	0	17.22	17.46	17.07	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.74	17.77	17.75	19.50
5	QPSK	1	12	17.75	17.83	17.78	19.50
5	QPSK	1	24	17.78	17.69	17.70	19.50
5	QPSK	12	0	17.66	17.82	17.59	19.50
5	QPSK	12	7	17.85	17.79	17.74	19.50
5	QPSK	12	13	17.80	17.90	17.78	19.50
5	QPSK	25	0	17.75	17.73	17.77	19.50
5	16QAM	1	0	17.64	17.67	17.72	19.50
5	16QAM	1	12	17.74	17.72	17.58	19.50
5	16QAM	1	24	17.75	17.70	17.85	19.50
5	16QAM	12	0	17.77	17.80	17.72	19.50
5	16QAM	12	7	17.61	17.90	17.66	19.50
5	16QAM	12	13	17.74	17.81	17.62	19.50
5	16QAM	25	0	17.68	17.78	17.62	19.50
5	64QAM	1	0	17.78	17.71	17.72	19.50
5	64QAM	1	12	17.66	17.70	17.79	19.50
5	64QAM	1	24	17.79	17.71	17.79	19.50
5	64QAM	12	0	17.79	17.71	17.74	19.50
5	64QAM	12	7	17.79	17.73	17.63	19.50
5	64QAM	12	13	17.59	17.76	17.71	19.50
5	64QAM	25	0	17.73	17.78	17.68	19.50
5	256QAM	1	0	17.28	17.38	17.31	19.00
5	256QAM	1	12	17.30	17.47	17.46	19.00
5	256QAM	1	24	17.60	17.64	17.49	19.00
5	256QAM	12	0	17.33	17.23	17.06	19.00

5	256QAM	12	7	17.17	17.39	17.29	19.00
5	256QAM	12	13	17.32	17.53	17.36	19.00
5	256QAM	25	0	17.24	17.34	17.07	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.86	17.77	17.73	19.50
3	QPSK	1	8	17.81	17.87	17.73	19.50
3	QPSK	1	14	17.72	17.78	17.69	19.50
3	QPSK	8	0	17.75	17.78	17.63	19.50
3	QPSK	8	4	17.85	17.90	17.74	19.50
3	QPSK	8	7	17.75	17.83	17.66	19.50
3	QPSK	15	0	17.63	17.75	17.72	19.50
3	16QAM	1	0	17.76	17.81	17.74	19.50
3	16QAM	1	8	17.78	17.68	17.66	19.50
3	16QAM	1	14	17.67	17.79	17.85	19.50
3	16QAM	8	0	17.66	17.74	17.83	19.50
3	16QAM	8	4	17.65	17.82	17.75	19.50
3	16QAM	8	7	17.73	17.76	17.70	19.50
3	16QAM	15	0	17.76	17.78	17.63	19.50
3	64QAM	1	0	17.77	17.80	17.82	19.50
3	64QAM	1	8	17.73	17.70	17.68	19.50
3	64QAM	1	14	17.81	17.68	17.76	19.50
3	64QAM	8	0	17.82	17.78	17.79	19.50
3	64QAM	8	4	17.76	17.82	17.65	19.50
3	64QAM	8	7	17.72	17.80	17.82	19.50
3	64QAM	15	0	17.79	17.69	17.69	19.50
3	256QAM	1	0	17.25	17.37	17.23	19.00
3	256QAM	1	8	17.37	17.44	17.40	19.00
3	256QAM	1	14	17.50	17.63	17.45	19.00
3	256QAM	8	0	17.33	17.28	17.19	19.00
3	256QAM	8	4	17.27	17.30	17.16	19.00
3	256QAM	8	7	17.34	17.48	17.30	19.00
3	256QAM	15	0	17.14	17.40	17.13	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.78	17.89	17.73	19.50
1.4	QPSK	1	3	17.76	17.89	17.81	19.50
1.4	QPSK	1	5	17.73	17.71	17.72	19.50
1.4	QPSK	3	0	17.72	17.74	17.64	19.50
1.4	QPSK	3	1	17.84	17.91	17.76	19.50
1.4	QPSK	3	3	17.71	17.83	17.66	19.50
1.4	QPSK	6	0	17.66	17.88	17.76	19.50
1.4	16QAM	1	0	17.62	17.75	17.76	19.50
1.4	16QAM	1	3	17.69	17.73	17.62	19.50
1.4	16QAM	1	5	17.66	17.78	17.84	19.50
1.4	16QAM	3	0	17.72	17.75	17.72	19.50
1.4	16QAM	3	1	17.70	17.81	17.75	19.50
1.4	16QAM	3	3	17.74	17.67	17.71	19.50
1.4	16QAM	6	0	17.83	17.66	17.60	19.50
1.4	64QAM	1	0	17.70	17.69	17.84	19.50
1.4	64QAM	1	3	17.64	17.77	17.81	19.50
1.4	64QAM	1	5	17.83	17.71	17.69	19.50
1.4	64QAM	3	0	17.76	17.65	17.71	19.50
1.4	64QAM	3	1	17.83	17.77	17.75	19.50
1.4	64QAM	3	3	17.60	17.68	17.81	19.50
1.4	64QAM	6	0	17.76	17.69	17.68	19.50
1.4	256QAM	1	0	17.39	17.36	17.32	19.00
1.4	256QAM	1	3	17.27	17.49	17.39	19.00
1.4	256QAM	1	5	17.45	17.53	17.41	19.00
1.4	256QAM	3	0	17.21	17.17	17.18	19.00
1.4	256QAM	3	1	17.20	17.35	17.30	19.00
1.4	256QAM	3	3	17.29	17.54	17.29	19.00
1.4	256QAM	6	0	17.12	17.37	17.10	19.00

【LTE Band 4_Ant 4_PA_Reference Designator_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	14.00
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		12.99		14.00
20	QPSK	1	49		13.17		14.00
20	QPSK	1	99		13.13		14.00
20	QPSK	50	0		13.02		14.00
20	QPSK	50	24		13.16		14.00
20	QPSK	50	50		13.08		14.00
20	QPSK	100	0		13.11		14.00
20	16QAM	1	0		13.10		14.00
20	16QAM	1	49		13.07		14.00
20	16QAM	1	99		13.07		14.00
20	16QAM	50	0		12.99		14.00
20	16QAM	50	24		13.15		14.00
20	16QAM	50	50		13.03		14.00
20	16QAM	100	0		13.01		14.00
20	64QAM	1	0		13.08		14.00
20	64QAM	1	49		13.04		14.00
20	64QAM	1	99		13.11		14.00
20	64QAM	50	0		13.02		14.00
20	64QAM	50	24		13.09		14.00
20	64QAM	50	50		13.04		14.00
20	64QAM	100	0		13.09		14.00
20	256QAM	1	0		12.98		14.00
20	256QAM	1	49		13.07		14.00
20	256QAM	1	99		13.04		14.00
20	256QAM	50	0		12.99		14.00
20	256QAM	50	24		13.16		14.00
20	256QAM	50	50		13.05		14.00
20	256QAM	100	0		13.14		14.00
Channel				20025	20175	20325	14.00
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	13.00	12.95	12.97	14.00
15	QPSK	1	37	12.93	13.15	13.06	14.00
15	QPSK	1	74	12.96	13.03	12.92	14.00
15	QPSK	36	0	12.87	12.92	12.99	14.00
15	QPSK	36	20	12.96	13.08	12.95	14.00
15	QPSK	36	39	12.85	12.98	12.81	14.00
15	QPSK	75	0	12.94	13.10	12.94	14.00
15	16QAM	1	0	12.91	13.04	12.98	14.00
15	16QAM	1	37	12.96	13.02	13.00	14.00
15	16QAM	1	74	12.93	12.98	12.87	14.00
15	16QAM	36	0	13.01	12.92	12.94	14.00
15	16QAM	36	20	12.95	13.05	12.94	14.00
15	16QAM	36	39	12.91	13.01	12.89	14.00
15	16QAM	75	0	13.02	12.91	12.91	14.00
15	64QAM	1	0	13.05	13.07	12.97	14.00
15	64QAM	1	37	13.02	12.97	12.98	14.00
15	64QAM	1	74	12.90	13.07	12.92	14.00
15	64QAM	36	0	12.83	13.00	13.03	14.00
15	64QAM	36	20	12.85	13.07	12.94	14.00
15	64QAM	36	39	12.95	12.95	12.92	14.00
15	64QAM	75	0	12.85	13.06	12.93	14.00
15	256QAM	1	0	12.98	12.90	12.94	14.00
15	256QAM	1	37	12.82	13.05	12.88	14.00
15	256QAM	1	74	12.98	13.03	12.99	14.00
15	256QAM	36	0	12.91	12.90	12.91	14.00
15	256QAM	36	20	12.86	13.14	12.83	14.00
15	256QAM	36	39	12.92	13.02	12.93	14.00
15	256QAM	75	0	12.99	13.04	13.02	14.00
Channel				20000	20175	20350	14.00
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	13.01	12.97	12.96	14.00
10	QPSK	1	25	12.98	13.07	12.99	14.00
10	QPSK	1	49	12.95	13.10	12.92	14.00
10	QPSK	25	0	12.90	12.98	13.00	14.00
10	QPSK	25	12	12.99	13.06	12.93	14.00
10	QPSK	25	25	12.85	13.01	12.80	14.00
10	QPSK	50	0	12.98	13.10	12.88	14.00
10	16QAM	1	0	12.94	13.00	12.98	14.00
10	16QAM	1	25	12.90	12.99	13.05	14.00
10	16QAM	1	49	12.90	13.00	12.90	14.00

10	16QAM	25	0	13.04	12.97	12.90	14.00
10	16QAM	25	12	12.94	13.08	12.93	14.00
10	16QAM	25	25	12.83	13.00	12.91	14.00
10	16QAM	50	0	13.05	12.91	12.99	14.00
10	64QAM	1	0	13.02	13.01	12.93	14.00
10	64QAM	1	25	12.97	12.94	12.93	14.00
10	64QAM	1	49	12.93	13.07	12.87	14.00
10	64QAM	25	0	12.83	12.93	12.99	14.00
10	64QAM	25	12	12.85	13.00	12.95	14.00
10	64QAM	25	25	12.93	12.99	12.89	14.00
10	64QAM	50	0	12.81	13.02	12.97	14.00
10	256QAM	1	0	12.92	12.90	12.92	14.00
10	256QAM	1	25	12.85	13.05	12.86	14.00
10	256QAM	1	49	12.97	13.00	12.97	14.00
10	256QAM	25	0	12.97	12.91	12.98	14.00
10	256QAM	25	12	12.87	13.14	12.85	14.00
10	256QAM	25	25	12.93	13.00	12.94	14.00
10	256QAM	50	0	12.94	13.05	13.06	14.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	13.04	12.93	12.94	14.00
5	QPSK	1	12	12.94	13.07	12.97	14.00
5	QPSK	1	24	12.88	13.04	12.92	14.00
5	QPSK	12	0	12.90	12.96	12.94	14.00
5	QPSK	12	7	12.95	13.12	12.94	14.00
5	QPSK	12	13	12.86	12.99	12.87	14.00
5	QPSK	25	0	12.97	13.10	12.88	14.00
5	16QAM	1	0	12.99	13.03	12.90	14.00
5	16QAM	1	12	12.89	13.04	13.07	14.00
5	16QAM	1	24	12.93	13.06	12.94	14.00
5	16QAM	12	0	13.03	12.90	12.93	14.00
5	16QAM	12	7	12.98	13.11	12.96	14.00
5	16QAM	12	13	12.88	13.00	12.86	14.00
5	16QAM	25	0	13.02	12.99	12.97	14.00
5	64QAM	1	0	12.99	13.03	12.97	14.00
5	64QAM	1	12	12.97	12.95	12.93	14.00
5	64QAM	1	24	12.87	13.01	12.85	14.00
5	64QAM	12	0	12.83	12.93	13.02	14.00
5	64QAM	12	7	12.84	13.02	12.97	14.00
5	64QAM	12	13	12.97	13.00	12.94	14.00
5	64QAM	25	0	12.83	13.05	12.98	14.00
5	256QAM	1	0	12.99	12.96	12.96	14.00
5	256QAM	1	12	12.86	13.00	12.86	14.00
5	256QAM	1	24	12.94	13.02	12.96	14.00
5	256QAM	12	0	12.89	12.95	12.93	14.00
5	256QAM	12	7	12.86	13.11	12.81	14.00
5	256QAM	12	13	12.87	13.00	13.02	14.00
5	256QAM	25	0	12.96	13.08	13.03	14.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	13.03	12.98	12.91	14.00
3	QPSK	1	8	13.02	13.11	12.99	14.00
3	QPSK	1	14	12.89	13.09	12.93	14.00
3	QPSK	8	0	12.93	12.99	12.96	14.00
3	QPSK	8	4	12.97	13.15	12.91	14.00
3	QPSK	8	7	12.86	12.99	12.81	14.00
3	QPSK	15	0	13.01	13.01	12.89	14.00
3	16QAM	1	0	12.94	13.03	12.97	14.00
3	16QAM	1	8	12.95	12.98	13.07	14.00
3	16QAM	1	14	12.88	13.01	12.89	14.00
3	16QAM	8	0	12.99	12.92	12.91	14.00
3	16QAM	8	4	13.01	13.06	12.94	14.00
3	16QAM	8	7	12.90	12.96	12.85	14.00
3	16QAM	15	0	13.04	12.96	12.94	14.00
3	64QAM	1	0	12.99	12.98	12.94	14.00
3	64QAM	1	8	12.95	12.99	12.93	14.00
3	64QAM	1	14	12.92	13.02	12.86	14.00
3	64QAM	8	0	12.91	12.95	13.02	14.00
3	64QAM	8	4	12.86	13.02	12.91	14.00
3	64QAM	8	7	12.93	13.03	12.86	14.00
3	64QAM	15	0	12.79	13.03	13.00	14.00
3	256QAM	1	0	12.92	12.93	12.95	14.00
3	256QAM	1	8	12.82	13.04	12.88	14.00
3	256QAM	1	14	12.95	12.94	12.97	14.00
3	256QAM	8	0	12.94	12.93	12.98	14.00
3	256QAM	8	4	12.89	13.15	12.81	14.00
3	256QAM	8	7	12.95	13.02	13.01	14.00
3	256QAM	15	0	12.93	13.06	13.04	14.00

Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	13.05	12.90	12.96	14.00
1.4	QPSK	1	3	12.96	13.09	13.01	14.00
1.4	QPSK	1	5	12.88	13.09	12.88	14.00
1.4	QPSK	3	0	12.91	12.94	13.03	14.00
1.4	QPSK	3	1	12.99	13.08	12.93	14.00
1.4	QPSK	3	3	12.81	12.99	12.86	14.00
1.4	QPSK	6	0	12.98	13.09	12.88	14.00
1.4	16QAM	1	0	12.95	13.07	12.90	14.00
1.4	16QAM	1	3	12.97	13.01	13.06	14.00
1.4	16QAM	1	5	12.92	13.04	12.92	14.00
1.4	16QAM	3	0	12.96	12.96	12.96	14.00
1.4	16QAM	3	1	13.00	13.13	12.98	14.00
1.4	16QAM	3	3	12.88	12.98	12.84	14.00
1.4	16QAM	6	0	13.02	12.92	12.99	14.00
1.4	64QAM	1	0	12.98	13.07	12.93	14.00
1.4	64QAM	1	3	12.99	12.99	12.96	14.00
1.4	64QAM	1	5	12.90	13.07	12.89	14.00
1.4	64QAM	3	0	12.84	13.01	13.07	14.00
1.4	64QAM	3	1	12.91	13.06	12.95	14.00
1.4	64QAM	3	3	12.93	12.95	12.91	14.00
1.4	64QAM	6	0	12.78	13.08	13.01	14.00
1.4	256QAM	1	0	12.92	12.91	12.95	14.00
1.4	256QAM	1	3	12.81	13.04	12.91	14.00
1.4	256QAM	1	5	12.92	12.94	12.94	14.00
1.4	256QAM	3	0	12.95	12.91	12.92	14.00
1.4	256QAM	3	1	12.94	13.14	12.83	14.00
1.4	256QAM	3	3	12.90	12.98	12.95	14.00
1.4	256QAM	6	0	12.93	13.11	12.97	14.00

【LTE Band 4_Ant 4_PA_Reference Designator_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				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		15.70		16.50
20	QPSK	1	49		15.73		16.50
20	QPSK	1	99		15.59		16.50
20	QPSK	50	0		15.54		16.50
20	QPSK	50	24		15.69		16.50
20	QPSK	50	50		15.60		16.50
20	QPSK	100	0		15.67		16.50
20	16QAM	1	0		15.62		16.50
20	16QAM	1	49		15.70		16.50
20	16QAM	1	99		15.59		16.50
20	16QAM	50	0		15.64		16.50
20	16QAM	50	24		15.68		16.50
20	16QAM	50	50		15.60		16.50
20	16QAM	100	0		15.58		16.50
20	64QAM	1	0		15.69		16.50
20	64QAM	1	49		15.69		16.50
20	64QAM	1	99		15.65		16.50
20	64QAM	50	0		15.72		16.50
20	64QAM	50	24		15.71		16.50
20	64QAM	50	50		15.66		16.50
20	64QAM	100	0		15.60		16.50
20	256QAM	1	0		15.68		16.50
20	256QAM	1	49		15.68		16.50
20	256QAM	1	99		15.69		16.50
20	256QAM	50	0		15.58		16.50
20	256QAM	50	24		15.69		16.50
20	256QAM	50	50		15.60		16.50
20	256QAM	100	0		15.60		16.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.51	15.67	15.50	16.50
15	QPSK	1	37	15.58	15.65	15.54	16.50
15	QPSK	1	74	15.40	15.49	15.45	16.50
15	QPSK	36	0	15.40	15.48	15.45	16.50
15	QPSK	36	20	15.54	15.63	15.55	16.50
15	QPSK	36	39	15.49	15.55	15.46	16.50
15	QPSK	75	0	15.52	15.63	15.54	16.50

15	16QAM	1	0	15.45	15.56	15.43	16.50
15	16QAM	1	37	15.41	15.61	15.50	16.50
15	16QAM	1	74	15.45	15.52	15.52	16.50
15	16QAM	36	0	15.35	15.60	15.50	16.50
15	16QAM	36	20	15.38	15.61	15.43	16.50
15	16QAM	36	39	15.50	15.54	15.40	16.50
15	16QAM	75	0	15.47	15.53	15.58	16.50
15	64QAM	1	0	15.43	15.61	15.56	16.50
15	64QAM	1	37	15.42	15.65	15.48	16.50
15	64QAM	1	74	15.44	15.64	15.49	16.50
15	64QAM	36	0	15.56	15.65	15.50	16.50
15	64QAM	36	20	15.48	15.68	15.51	16.50
15	64QAM	36	39	15.49	15.64	15.46	16.50
15	64QAM	75	0	15.37	15.57	15.50	16.50
15	256QAM	1	0	15.39	15.64	15.47	16.50
15	256QAM	1	37	15.37	15.64	15.47	16.50
15	256QAM	1	74	15.44	15.67	15.52	16.50
15	256QAM	36	0	15.50	15.48	15.53	16.50
15	256QAM	36	20	15.40	15.61	15.53	16.50
15	256QAM	36	39	15.34	15.52	15.48	16.50
15	256QAM	75	0	15.56	15.55	15.46	16.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	15.47	15.66	15.49	16.50
10	QPSK	1	25	15.49	15.72	15.53	16.50
10	QPSK	1	49	15.43	15.57	15.47	16.50
10	QPSK	25	0	15.48	15.53	15.40	16.50
10	QPSK	25	12	15.55	15.64	15.55	16.50
10	QPSK	25	25	15.53	15.59	15.40	16.50
10	QPSK	50	0	15.48	15.58	15.50	16.50
10	16QAM	1	0	15.40	15.59	15.51	16.50
10	16QAM	1	25	15.38	15.66	15.58	16.50
10	16QAM	1	49	15.50	15.55	15.56	16.50
10	16QAM	25	0	15.43	15.58	15.45	16.50
10	16QAM	25	12	15.39	15.66	15.43	16.50
10	16QAM	25	25	15.53	15.55	15.46	16.50
10	16QAM	50	0	15.56	15.52	15.50	16.50
10	64QAM	1	0	15.42	15.61	15.56	16.50
10	64QAM	1	25	15.44	15.62	15.50	16.50
10	64QAM	1	49	15.43	15.58	15.55	16.50
10	64QAM	25	0	15.54	15.63	15.50	16.50
10	64QAM	25	12	15.47	15.62	15.54	16.50
10	64QAM	25	25	15.52	15.57	15.46	16.50
10	64QAM	50	0	15.39	15.50	15.46	16.50
10	256QAM	1	0	15.42	15.64	15.43	16.50
10	256QAM	1	25	15.34	15.60	15.44	16.50
10	256QAM	1	49	15.43	15.68	15.58	16.50
10	256QAM	25	0	15.47	15.57	15.53	16.50
10	256QAM	25	12	15.41	15.65	15.54	16.50
10	256QAM	25	25	15.34	15.52	15.49	16.50
10	256QAM	50	0	15.48	15.50	15.51	16.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	15.49	15.63	15.50	16.50
5	QPSK	1	12	15.54	15.66	15.53	16.50
5	QPSK	1	24	15.41	15.54	15.52	16.50
5	QPSK	12	0	15.47	15.44	15.48	16.50
5	QPSK	12	7	15.49	15.63	15.55	16.50
5	QPSK	12	13	15.46	15.56	15.39	16.50
5	QPSK	25	0	15.49	15.65	15.53	16.50
5	16QAM	1	0	15.41	15.60	15.49	16.50
5	16QAM	1	12	15.42	15.69	15.53	16.50
5	16QAM	1	24	15.47	15.51	15.51	16.50
5	16QAM	12	0	15.42	15.59	15.43	16.50
5	16QAM	12	7	15.43	15.63	15.44	16.50
5	16QAM	12	13	15.52	15.57	15.42	16.50
5	16QAM	25	0	15.48	15.48	15.51	16.50
5	64QAM	1	0	15.44	15.60	15.49	16.50
5	64QAM	1	12	15.45	15.59	15.43	16.50
5	64QAM	1	24	15.39	15.60	15.52	16.50
5	64QAM	12	0	15.52	15.67	15.46	16.50
5	64QAM	12	7	15.46	15.63	15.48	16.50
5	64QAM	12	13	15.53	15.61	15.55	16.50
5	64QAM	25	0	15.39	15.52	15.46	16.50
5	256QAM	1	0	15.35	15.64	15.38	16.50
5	256QAM	1	12	15.35	15.60	15.38	16.50
5	256QAM	1	24	15.43	15.61	15.52	16.50
5	256QAM	12	0	15.52	15.49	15.57	16.50



5	256QAM	12	7	15.44	15.67	15.49	16.50
5	256QAM	12	13	15.36	15.55	15.47	16.50
5	256QAM	25	0	15.51	15.50	15.54	16.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	15.55	15.60	15.51	16.50
3	QPSK	1	8	15.56	15.65	15.52	16.50
3	QPSK	1	14	15.43	15.50	15.43	16.50
3	QPSK	8	0	15.48	15.50	15.46	16.50
3	QPSK	8	4	15.49	15.62	15.49	16.50
3	QPSK	8	7	15.51	15.58	15.42	16.50
3	QPSK	15	0	15.51	15.64	15.50	16.50
3	16QAM	1	0	15.46	15.56	15.48	16.50
3	16QAM	1	8	15.39	15.62	15.55	16.50
3	16QAM	1	14	15.48	15.51	15.54	16.50
3	16QAM	8	0	15.36	15.57	15.51	16.50
3	16QAM	8	4	15.41	15.64	15.39	16.50
3	16QAM	8	7	15.48	15.57	15.46	16.50
3	16QAM	15	0	15.56	15.55	15.59	16.50
3	64QAM	1	0	15.43	15.59	15.55	16.50
3	64QAM	1	8	15.43	15.63	15.42	16.50
3	64QAM	1	14	15.40	15.57	15.55	16.50
3	64QAM	8	0	15.53	15.71	15.55	16.50
3	64QAM	8	4	15.45	15.68	15.47	16.50
3	64QAM	8	7	15.51	15.60	15.48	16.50
3	64QAM	15	0	15.43	15.55	15.41	16.50
3	256QAM	1	0	15.36	15.65	15.44	16.50
3	256QAM	1	8	15.38	15.67	15.47	16.50
3	256QAM	1	14	15.44	15.65	15.52	16.50
3	256QAM	8	0	15.54	15.51	15.50	16.50
3	256QAM	8	4	15.37	15.67	15.54	16.50
3	256QAM	8	7	15.42	15.58	15.44	16.50
3	256QAM	15	0	15.56	15.52	15.54	16.50
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	15.54	15.65	15.57	16.50
1.4	QPSK	1	3	15.51	15.66	15.58	16.50
1.4	QPSK	1	5	15.41	15.54	15.43	16.50
1.4	QPSK	3	0	15.46	15.45	15.43	16.50
1.4	QPSK	3	1	15.51	15.67	15.56	16.50
1.4	QPSK	3	3	15.51	15.58	15.38	16.50
1.4	QPSK	6	0	15.46	15.65	15.52	16.50
1.4	16QAM	1	0	15.46	15.61	15.52	16.50
1.4	16QAM	1	3	15.40	15.63	15.56	16.50
1.4	16QAM	1	5	15.48	15.55	15.53	16.50
1.4	16QAM	3	0	15.35	15.60	15.44	16.50
1.4	16QAM	3	1	15.41	15.59	15.39	16.50
1.4	16QAM	3	3	15.50	15.50	15.41	16.50
1.4	16QAM	6	0	15.54	15.55	15.59	16.50
1.4	64QAM	1	0	15.43	15.60	15.54	16.50
1.4	64QAM	1	3	15.48	15.67	15.50	16.50
1.4	64QAM	1	5	15.39	15.61	15.55	16.50
1.4	64QAM	3	0	15.55	15.67	15.51	16.50
1.4	64QAM	3	1	15.47	15.70	15.48	16.50
1.4	64QAM	3	3	15.50	15.65	15.50	16.50
1.4	64QAM	6	0	15.38	15.56	15.49	16.50
1.4	256QAM	1	0	15.39	15.61	15.38	16.50
1.4	256QAM	1	3	15.42	15.65	15.47	16.50
1.4	256QAM	1	5	15.43	15.59	15.54	16.50
1.4	256QAM	3	0	15.50	15.49	15.48	16.50
1.4	256QAM	3	1	15.38	15.61	15.58	16.50
1.4	256QAM	3	3	15.38	15.50	15.50	16.50
1.4	256QAM	6	0	15.47	15.59	15.47	16.50

【LTE Band 4_Ant 4_PA_Reference Designator_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		18.60		19.50
20	QPSK	1	49		18.64		19.50
20	QPSK	1	99		18.55		19.50
20	QPSK	50	0		18.49		19.50
20	QPSK	50	24		18.58		19.50
20	QPSK	50	50		18.51		19.50
20	QPSK	100	0		18.54		19.50
20	16QAM	1	0		18.52		19.50
20	16QAM	1	49		18.61		19.50
20	16QAM	1	99		18.51		19.50
20	16QAM	50	0		18.56		19.50
20	16QAM	50	24		18.52		19.50
20	16QAM	50	50		18.49		19.50
20	16QAM	100	0		18.58		19.50
20	64QAM	1	0		18.62		19.50
20	64QAM	1	49		18.57		19.50
20	64QAM	1	99		18.57		19.50
20	64QAM	50	0		18.62		19.50
20	64QAM	50	24		18.50		19.50
20	64QAM	50	50		18.50		19.50
20	64QAM	100	0		18.54		19.50
20	256QAM	1	0		18.37		19.00
20	256QAM	1	49		18.34		19.00
20	256QAM	1	99		18.25		19.00
20	256QAM	50	0		18.32		19.00
20	256QAM	50	24		18.25		19.00
20	256QAM	50	50		18.31		19.00
20	256QAM	100	0		18.25		19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.48	18.49	18.36	19.50
15	QPSK	1	37	18.47	18.55	18.48	19.50
15	QPSK	1	74	18.53	18.49	18.50	19.50
15	QPSK	36	0	18.42	18.34	18.35	19.50
15	QPSK	36	20	18.55	18.43	18.45	19.50
15	QPSK	36	39	18.39	18.43	18.38	19.50
15	QPSK	75	0	18.43	18.47	18.46	19.50
15	16QAM	1	0	18.33	18.48	18.53	19.50
15	16QAM	1	37	18.41	18.60	18.45	19.50
15	16QAM	1	74	18.41	18.46	18.46	19.50
15	16QAM	36	0	18.33	18.51	18.39	19.50
15	16QAM	36	20	18.40	18.40	18.41	19.50
15	16QAM	36	39	18.35	18.48	18.54	19.50
15	16QAM	75	0	18.48	18.43	18.46	19.50
15	64QAM	1	0	18.34	18.56	18.41	19.50
15	64QAM	1	37	18.43	18.55	18.38	19.50
15	64QAM	1	74	18.30	18.43	18.46	19.50
15	64QAM	36	0	18.33	18.49	18.51	19.50
15	64QAM	36	20	18.34	18.45	18.52	19.50
15	64QAM	36	39	18.42	18.46	18.40	19.50
15	64QAM	75	0	18.34	18.53	18.40	19.50
15	256QAM	1	0	18.22	18.30	18.16	19.00
15	256QAM	1	37	18.21	18.28	18.21	19.00
15	256QAM	1	74	18.09	18.19	18.13	19.00
15	256QAM	36	0	18.19	18.22	18.12	19.00
15	256QAM	36	20	18.09	18.17	18.08	19.00
15	256QAM	36	39	18.18	18.27	18.14	19.00
15	256QAM	75	0	17.96	18.24	18.05	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.52	18.51	18.42	19.50
10	QPSK	1	25	18.50	18.52	18.59	19.50
10	QPSK	1	49	18.51	18.45	18.50	19.50
10	QPSK	25	0	18.46	18.35	18.33	19.50
10	QPSK	25	12	18.42	18.45	18.50	19.50
10	QPSK	25	25	18.49	18.44	18.38	19.50
10	QPSK	50	0	18.50	18.44	18.37	19.50
10	16QAM	1	0	18.41	18.38	18.52	19.50
10	16QAM	1	25	18.49	18.57	18.51	19.50

10	16QAM	1	49	18.46	18.42	18.55	19.50
10	16QAM	25	0	18.40	18.55	18.42	19.50
10	16QAM	25	12	18.37	18.39	18.36	19.50
10	16QAM	25	25	18.35	18.42	18.47	19.50
10	16QAM	50	0	18.46	18.49	18.53	19.50
10	64QAM	1	0	18.36	18.56	18.45	19.50
10	64QAM	1	25	18.54	18.54	18.41	19.50
10	64QAM	1	49	18.41	18.52	18.44	19.50
10	64QAM	25	0	18.44	18.56	18.54	19.50
10	64QAM	25	12	18.35	18.49	18.52	19.50
10	64QAM	25	25	18.45	18.44	18.44	19.50
10	64QAM	50	0	18.31	18.46	18.50	19.50
10	256QAM	1	0	18.18	18.35	18.29	19.00
10	256QAM	1	25	18.18	18.27	18.18	19.00
10	256QAM	1	49	18.11	18.10	18.17	19.00
10	256QAM	25	0	18.29	18.17	18.15	19.00
10	256QAM	25	12	18.06	18.19	18.02	19.00
10	256QAM	25	25	18.20	18.26	18.16	19.00
10	256QAM	50	0	17.98	18.21	18.11	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.43	18.51	18.40	19.50
5	QPSK	1	12	18.50	18.62	18.48	19.50
5	QPSK	1	24	18.53	18.43	18.45	19.50
5	QPSK	12	0	18.42	18.36	18.34	19.50
5	QPSK	12	7	18.44	18.56	18.45	19.50
5	QPSK	12	13	18.40	18.41	18.39	19.50
5	QPSK	25	0	18.42	18.47	18.44	19.50
5	16QAM	1	0	18.40	18.39	18.43	19.50
5	16QAM	1	12	18.45	18.46	18.50	19.50
5	16QAM	1	24	18.37	18.46	18.57	19.50
5	16QAM	12	0	18.38	18.49	18.34	19.50
5	16QAM	12	7	18.49	18.42	18.46	19.50
5	16QAM	12	13	18.39	18.44	18.50	19.50
5	16QAM	25	0	18.53	18.49	18.50	19.50
5	64QAM	1	0	18.41	18.55	18.49	19.50
5	64QAM	1	12	18.40	18.50	18.39	19.50
5	64QAM	1	24	18.38	18.54	18.49	19.50
5	64QAM	12	0	18.43	18.59	18.43	19.50
5	64QAM	12	7	18.37	18.45	18.48	19.50
5	64QAM	12	13	18.49	18.38	18.51	19.50
5	64QAM	25	0	18.40	18.47	18.41	19.50
5	256QAM	1	0	18.31	18.31	18.16	19.00
5	256QAM	1	12	18.21	18.27	18.14	19.00
5	256QAM	1	24	18.12	18.23	18.11	19.00
5	256QAM	12	0	18.19	18.20	18.22	19.00
5	256QAM	12	7	18.04	18.22	18.02	19.00
5	256QAM	12	13	18.17	18.27	18.10	19.00
5	256QAM	25	0	18.00	18.23	18.12	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.45	18.49	18.45	19.50
3	QPSK	1	8	18.48	18.51	18.49	19.50
3	QPSK	1	14	18.45	18.41	18.54	19.50
3	QPSK	8	0	18.44	18.44	18.33	19.50
3	QPSK	8	4	18.55	18.50	18.49	19.50
3	QPSK	8	7	18.41	18.50	18.43	19.50
3	QPSK	15	0	18.45	18.43	18.45	19.50
3	16QAM	1	0	18.38	18.50	18.55	19.50
3	16QAM	1	8	18.38	18.55	18.48	19.50
3	16QAM	1	14	18.43	18.38	18.54	19.50
3	16QAM	8	0	18.32	18.43	18.41	19.50
3	16QAM	8	4	18.44	18.41	18.49	19.50
3	16QAM	8	7	18.43	18.39	18.53	19.50
3	16QAM	15	0	18.47	18.50	18.43	19.50
3	64QAM	1	0	18.39	18.57	18.40	19.50
3	64QAM	1	8	18.52	18.50	18.39	19.50
3	64QAM	1	14	18.33	18.53	18.51	19.50
3	64QAM	8	0	18.38	18.51	18.54	19.50
3	64QAM	8	4	18.41	18.36	18.45	19.50
3	64QAM	8	7	18.50	18.49	18.51	19.50
3	64QAM	15	0	18.40	18.42	18.50	19.50
3	256QAM	1	0	18.21	18.29	18.18	19.00
3	256QAM	1	8	18.24	18.21	18.17	19.00
3	256QAM	1	14	18.08	18.12	18.16	19.00
3	256QAM	8	0	18.23	18.31	18.15	19.00
3	256QAM	8	4	18.02	18.10	17.99	19.00
3	256QAM	8	7	18.16	18.20	18.18	19.00



3	256QAM	15	0	18.08	18.19	18.05	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	18.48	18.50	18.37	19.50
1.4	QPSK	1	3	18.45	18.58	18.50	19.50
1.4	QPSK	1	5	18.46	18.40	18.50	19.50
1.4	QPSK	3	0	18.44	18.41	18.37	19.50
1.4	QPSK	3	1	18.46	18.49	18.51	19.50
1.4	QPSK	3	3	18.48	18.49	18.37	19.50
1.4	QPSK	6	0	18.40	18.47	18.36	19.50
1.4	16QAM	1	0	18.44	18.40	18.57	19.50
1.4	16QAM	1	3	18.42	18.49	18.46	19.50
1.4	16QAM	1	5	18.48	18.41	18.45	19.50
1.4	16QAM	3	0	18.40	18.46	18.35	19.50
1.4	16QAM	3	1	18.46	18.47	18.45	19.50
1.4	16QAM	3	3	18.41	18.39	18.47	19.50
1.4	16QAM	6	0	18.52	18.51	18.41	19.50
1.4	64QAM	1	0	18.36	18.58	18.38	19.50
1.4	64QAM	1	3	18.52	18.56	18.44	19.50
1.4	64QAM	1	5	18.36	18.48	18.53	19.50
1.4	64QAM	3	0	18.45	18.47	18.54	19.50
1.4	64QAM	3	1	18.38	18.42	18.45	19.50
1.4	64QAM	3	3	18.46	18.40	18.42	19.50
1.4	64QAM	6	0	18.41	18.40	18.40	19.50
1.4	256QAM	1	0	18.19	18.07	18.22	19.00
1.4	256QAM	1	3	18.02	18.19	18.07	19.00
1.4	256QAM	1	5	18.09	18.21	18.09	19.00
1.4	256QAM	3	0	18.04	18.22	17.95	19.00
1.4	256QAM	3	1	18.05	17.94	17.98	19.00
1.4	256QAM	3	3	18.04	18.13	18.00	19.00
1.4	256QAM	6	0	18.06	18.07	17.97	19.00

【LTE Band 4_Ant 4_PA_Reference Designator_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		14.54		15.50
20	QPSK	1	49		14.69		15.50
20	QPSK	1	99		14.67		15.50
20	QPSK	50	0		14.56		15.50
20	QPSK	50	24		14.68		15.50
20	QPSK	50	50		14.61		15.50
20	QPSK	100	0		14.66		15.50
20	16QAM	1	0		14.67		15.50
20	16QAM	1	49		14.65		15.50
20	16QAM	1	99		14.60		15.50
20	16QAM	50	0		14.54		15.50
20	16QAM	50	24		14.66		15.50
20	16QAM	50	50		14.57		15.50
20	16QAM	100	0		14.60		15.50
20	64QAM	1	0		14.65		15.50
20	64QAM	1	49		14.61		15.50
20	64QAM	1	99		14.64		15.50
20	64QAM	50	0		14.57		15.50
20	64QAM	50	24		14.66		15.50
20	64QAM	50	50		14.56		15.50
20	64QAM	100	0		14.64		15.50
20	256QAM	1	0		14.54		15.50
20	256QAM	1	49		14.60		15.50
20	256QAM	1	99		14.63		15.50
20	256QAM	50	0		14.54		15.50
20	256QAM	50	24		14.67		15.50
20	256QAM	50	50		14.57		15.50
20	256QAM	100	0		14.66		15.50
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	14.44	14.52	14.38	15.50
15	QPSK	1	37	14.51	14.59	14.61	15.50
15	QPSK	1	74	14.43	14.56	14.49	15.50
15	QPSK	36	0	14.38	14.41	14.42	15.50
15	QPSK	36	20	14.44	14.53	14.46	15.50
15	QPSK	36	39	14.38	14.46	14.39	15.50

15	QPSK	75	0	14.50	14.65	14.41	15.50
15	16QAM	1	0	14.48	14.57	14.44	15.50
15	16QAM	1	37	14.50	14.63	14.49	15.50
15	16QAM	1	74	14.50	14.47	14.38	15.50
15	16QAM	36	0	14.42	14.47	14.48	15.50
15	16QAM	36	20	14.42	14.52	14.48	15.50
15	16QAM	36	39	14.41	14.50	14.40	15.50
15	16QAM	75	0	14.52	14.51	14.51	15.50
15	64QAM	1	0	14.46	14.61	14.44	15.50
15	64QAM	1	37	14.46	14.47	14.57	15.50
15	64QAM	1	74	14.46	14.52	14.47	15.50
15	64QAM	36	0	14.41	14.51	14.49	15.50
15	64QAM	36	20	14.46	14.54	14.51	15.50
15	64QAM	36	39	14.41	14.54	14.46	15.50
15	64QAM	75	0	14.44	14.60	14.53	15.50
15	256QAM	1	0	14.45	14.39	14.43	15.50
15	256QAM	1	37	14.35	14.50	14.41	15.50
15	256QAM	1	74	14.41	14.57	14.46	15.50
15	256QAM	36	0	14.51	14.47	14.41	15.50
15	256QAM	36	20	14.39	14.58	14.47	15.50
15	256QAM	36	39	14.49	14.51	14.53	15.50
15	256QAM	75	0	14.55	14.62	14.56	15.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	14.44	14.39	14.49	15.50
10	QPSK	1	25	14.57	14.58	14.52	15.50
10	QPSK	1	49	14.49	14.64	14.50	15.50
10	QPSK	25	0	14.44	14.55	14.43	15.50
10	QPSK	25	12	14.53	14.55	14.47	15.50
10	QPSK	25	25	14.42	14.46	14.33	15.50
10	QPSK	50	0	14.45	14.57	14.44	15.50
10	16QAM	1	0	14.53	14.54	14.43	15.50
10	16QAM	1	25	14.45	14.52	14.52	15.50
10	16QAM	1	49	14.43	14.47	14.33	15.50
10	16QAM	25	0	14.47	14.48	14.45	15.50
10	16QAM	25	12	14.53	14.62	14.53	15.50
10	16QAM	25	25	14.33	14.49	14.42	15.50
10	16QAM	50	0	14.57	14.54	14.50	15.50
10	64QAM	1	0	14.51	14.51	14.46	15.50
10	64QAM	1	25	14.52	14.52	14.51	15.50
10	64QAM	1	49	14.50	14.49	14.43	15.50
10	64QAM	25	0	14.37	14.44	14.51	15.50
10	64QAM	25	12	14.44	14.60	14.46	15.50
10	64QAM	25	25	14.51	14.47	14.39	15.50
10	64QAM	50	0	14.45	14.49	14.51	15.50
10	256QAM	1	0	14.43	14.41	14.49	15.50
10	256QAM	1	25	14.31	14.53	14.42	15.50
10	256QAM	1	49	14.45	14.53	14.51	15.50
10	256QAM	25	0	14.42	14.44	14.48	15.50
10	256QAM	25	12	14.40	14.55	14.39	15.50
10	256QAM	25	25	14.54	14.50	14.54	15.50
10	256QAM	50	0	14.54	14.63	14.56	15.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	14.44	14.51	14.40	15.50
5	QPSK	1	12	14.55	14.63	14.48	15.50
5	QPSK	1	24	14.40	14.58	14.47	15.50
5	QPSK	12	0	14.46	14.43	14.49	15.50
5	QPSK	12	7	14.43	14.55	14.43	15.50
5	QPSK	12	13	14.34	14.53	14.43	15.50
5	QPSK	25	0	14.53	14.51	14.38	15.50
5	16QAM	1	0	14.47	14.58	14.52	15.50
5	16QAM	1	12	14.42	14.57	14.57	15.50
5	16QAM	1	24	14.47	14.56	14.46	15.50
5	16QAM	12	0	14.44	14.43	14.48	15.50
5	16QAM	12	7	14.43	14.59	14.53	15.50
5	16QAM	12	13	14.44	14.47	14.47	15.50
5	16QAM	25	0	14.50	14.49	14.55	15.50
5	64QAM	1	0	14.49	14.53	14.46	15.50
5	64QAM	1	12	14.54	14.48	14.48	15.50
5	64QAM	1	24	14.50	14.54	14.40	15.50
5	64QAM	12	0	14.43	14.52	14.58	15.50
5	64QAM	12	7	14.49	14.53	14.55	15.50
5	64QAM	12	13	14.44	14.47	14.38	15.50
5	64QAM	25	0	14.32	14.56	14.48	15.50
5	256QAM	1	0	14.42	14.48	14.40	15.50
5	256QAM	1	12	14.41	14.54	14.38	15.50
5	256QAM	1	24	14.53	14.49	14.41	15.50

5	256QAM	12	0	14.48	14.43	14.43	15.50
5	256QAM	12	7	14.43	14.53	14.36	15.50
5	256QAM	12	13	14.54	14.51	14.54	15.50
5	256QAM	25	0	14.49	14.62	14.51	15.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	14.56	14.46	14.42	15.50
3	QPSK	1	8	14.46	14.54	14.59	15.50
3	QPSK	1	14	14.41	14.53	14.50	15.50
3	QPSK	8	0	14.44	14.44	14.44	15.50
3	QPSK	8	4	14.56	14.61	14.49	15.50
3	QPSK	8	7	14.35	14.46	14.46	15.50
3	QPSK	15	0	14.54	14.56	14.36	15.50
3	16QAM	1	0	14.48	14.58	14.49	15.50
3	16QAM	1	8	14.43	14.55	14.58	15.50
3	16QAM	1	14	14.48	14.47	14.36	15.50
3	16QAM	8	0	14.51	14.50	14.47	15.50
3	16QAM	8	4	14.41	14.55	14.41	15.50
3	16QAM	8	7	14.37	14.44	14.50	15.50
3	16QAM	15	0	14.48	14.58	14.44	15.50
3	64QAM	1	0	14.55	14.52	14.44	15.50
3	64QAM	1	8	14.52	14.59	14.51	15.50
3	64QAM	1	14	14.39	14.62	14.48	15.50
3	64QAM	8	0	14.41	14.48	14.49	15.50
3	64QAM	8	4	14.38	14.58	14.47	15.50
3	64QAM	8	7	14.44	14.50	14.41	15.50
3	64QAM	15	0	14.38	14.49	14.48	15.50
3	256QAM	1	0	14.41	14.41	14.40	15.50
3	256QAM	1	8	14.39	14.47	14.43	15.50
3	256QAM	1	14	14.53	14.55	14.42	15.50
3	256QAM	8	0	14.47	14.39	14.49	15.50
3	256QAM	8	4	14.49	14.61	14.37	15.50
3	256QAM	8	7	14.48	14.44	14.43	15.50
3	256QAM	15	0	14.45	14.52	14.61	15.50
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	14.53	14.48	14.46	15.50
1.4	QPSK	1	3	14.49	14.54	14.57	15.50
1.4	QPSK	1	5	14.42	14.56	14.43	15.50
1.4	QPSK	3	0	14.44	14.48	14.47	15.50
1.4	QPSK	3	1	14.49	14.67	14.43	15.50
1.4	QPSK	3	3	14.32	14.46	14.46	15.50
1.4	QPSK	6	0	14.48	14.57	14.38	15.50
1.4	16QAM	1	0	14.47	14.55	14.49	15.50
1.4	16QAM	1	3	14.51	14.62	14.53	15.50
1.4	16QAM	1	5	14.53	14.57	14.35	15.50
1.4	16QAM	3	0	14.52	14.45	14.49	15.50
1.4	16QAM	3	1	14.40	14.58	14.47	15.50
1.4	16QAM	3	3	14.44	14.48	14.45	15.50
1.4	16QAM	6	0	14.56	14.54	14.45	15.50
1.4	64QAM	1	0	14.48	14.52	14.51	15.50
1.4	64QAM	1	3	14.48	14.59	14.46	15.50
1.4	64QAM	1	5	14.47	14.55	14.49	15.50
1.4	64QAM	3	0	14.39	14.53	14.57	15.50
1.4	64QAM	3	1	14.42	14.57	14.54	15.50
1.4	64QAM	3	3	14.49	14.52	14.42	15.50
1.4	64QAM	6	0	14.44	14.61	14.55	15.50
1.4	256QAM	1	0	14.48	14.44	14.39	15.50
1.4	256QAM	1	3	14.42	14.49	14.46	15.50
1.4	256QAM	1	5	14.45	14.61	14.48	15.50
1.4	256QAM	3	0	14.44	14.42	14.36	15.50
1.4	256QAM	3	1	14.42	14.59	14.43	15.50
1.4	256QAM	3	3	14.46	14.49	14.49	15.50
1.4	256QAM	6	0	14.50	14.55	14.61	15.50

【LTE Band 4_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20025	20175	20325	15.50
Frequency (MHz)				1717.5	1732.5	1747.5	
20	QPSK	1	0		14.11		15.50
20	QPSK	1	49		14.14		15.50
20	QPSK	1	99		14.03		15.50
20	QPSK	50	0		14.07		15.50
20	QPSK	50	24		14.11		15.50
20	QPSK	50	50		14.07		15.50
20	QPSK	100	0		14.09		15.50
20	16QAM	1	0		14.08		15.50
20	16QAM	1	49		14.01		15.50
20	16QAM	1	99		14.11		15.50
20	16QAM	50	0		14.10		15.50
20	16QAM	50	24		14.13		15.50
20	16QAM	50	50		14.10		15.50
20	16QAM	100	0		14.07		15.50
20	64QAM	1	0		14.12		15.50
20	64QAM	1	49		14.03		15.50
20	64QAM	1	99		14.12		15.50
20	64QAM	50	0		14.04		15.50
20	64QAM	50	24		14.00		15.50
20	64QAM	50	50		14.04		15.50
20	64QAM	100	0		13.98		15.50
20	256QAM	1	0		14.02		15.50
20	256QAM	1	49		14.07		15.50
20	256QAM	1	99		13.98		15.50
20	256QAM	50	0		14.04		15.50
20	256QAM	50	24		14.00		15.50
20	256QAM	50	50		14.07		15.50
20	256QAM	100	0		14.01		15.50
Channel				20025	20175	20325	15.50
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	13.92	14.09	13.90	15.50
15	QPSK	1	37	13.90	14.11	13.93	15.50
15	QPSK	1	74	13.80	14.00	13.83	15.50
15	QPSK	36	0	13.71	13.94	13.93	15.50
15	QPSK	36	20	13.99	14.04	13.97	15.50
15	QPSK	36	39	13.88	13.94	13.90	15.50
15	QPSK	75	0	13.95	14.08	13.90	15.50
15	16QAM	1	0	13.80	14.02	13.89	15.50
15	16QAM	1	37	13.84	13.87	13.97	15.50
15	16QAM	1	74	13.79	14.04	13.91	15.50
15	16QAM	36	0	13.87	14.08	13.81	15.50
15	16QAM	36	20	13.81	13.97	13.85	15.50
15	16QAM	36	39	13.84	14.06	13.91	15.50
15	16QAM	75	0	13.90	13.99	13.73	15.50
15	64QAM	1	0	13.85	13.96	13.93	15.50
15	64QAM	1	37	13.91	13.95	13.86	15.50
15	64QAM	1	74	13.82	14.04	13.88	15.50
15	64QAM	36	0	13.75	13.90	13.94	15.50
15	64QAM	36	20	13.84	13.99	13.75	15.50
15	64QAM	36	39	13.89	13.93	13.86	15.50
15	64QAM	75	0	13.92	13.90	13.83	15.50
15	256QAM	1	0	13.94	13.96	13.85	15.50
15	256QAM	1	37	13.83	13.91	13.97	15.50
15	256QAM	1	74	13.92	13.88	13.88	15.50
15	256QAM	36	0	13.92	13.90	13.83	15.50
15	256QAM	36	20	13.83	13.98	13.97	15.50
15	256QAM	36	39	13.84	13.92	13.90	15.50
15	256QAM	75	0	13.83	13.90	13.84	15.50
Channel				20000	20175	20350	15.50
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	13.89	14.03	13.86	15.50
10	QPSK	1	25	13.85	13.98	13.91	15.50
10	QPSK	1	49	13.94	13.99	13.86	15.50
10	QPSK	25	0	13.83	14.01	13.98	15.50
10	QPSK	25	12	13.84	13.99	13.93	15.50
10	QPSK	25	25	13.81	14.02	13.77	15.50
10	QPSK	50	0	13.95	13.99	13.80	15.50
10	16QAM	1	0	13.77	14.00	13.96	15.50
10	16QAM	1	25	13.76	13.86	13.89	15.50
10	16QAM	1	49	13.81	13.95	13.88	15.50

10	16QAM	25	0	13.91	14.01	13.89	15.50
10	16QAM	25	12	13.93	14.03	13.82	15.50
10	16QAM	25	25	13.86	13.96	13.79	15.50
10	16QAM	50	0	13.77	14.05	13.77	15.50
10	64QAM	1	0	13.81	14.08	13.91	15.50
10	64QAM	1	25	13.87	13.98	13.81	15.50
10	64QAM	1	49	13.88	14.01	13.94	15.50
10	64QAM	25	0	13.80	13.96	13.90	15.50
10	64QAM	25	12	13.83	13.92	13.80	15.50
10	64QAM	25	25	13.81	13.93	13.94	15.50
10	64QAM	50	0	13.85	13.97	13.85	15.50
10	256QAM	1	0	13.92	14.00	13.77	15.50
10	256QAM	1	25	13.95	14.00	13.85	15.50
10	256QAM	1	49	13.92	13.96	13.75	15.50
10	256QAM	25	0	13.90	13.89	13.92	15.50
10	256QAM	25	12	13.81	13.88	13.97	15.50
10	256QAM	25	25	13.78	13.96	13.84	15.50
10	256QAM	50	0	13.77	13.94	13.93	15.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	13.84	14.02	13.94	15.50
5	QPSK	1	12	14.00	14.06	13.98	15.50
5	QPSK	1	24	13.93	13.98	13.79	15.50
5	QPSK	12	0	13.76	13.94	13.87	15.50
5	QPSK	12	7	13.95	14.09	13.99	15.50
5	QPSK	12	13	13.92	13.91	13.79	15.50
5	QPSK	25	0	13.87	14.08	13.85	15.50
5	16QAM	1	0	13.82	14.03	13.98	15.50
5	16QAM	1	12	13.81	13.92	13.92	15.50
5	16QAM	1	24	13.71	13.95	13.86	15.50
5	16QAM	12	0	13.77	13.98	13.85	15.50
5	16QAM	12	7	13.81	14.05	13.84	15.50
5	16QAM	12	13	13.90	14.04	13.76	15.50
5	16QAM	25	0	13.86	14.04	13.83	15.50
5	64QAM	1	0	13.85	14.07	13.90	15.50
5	64QAM	1	12	13.92	14.02	13.84	15.50
5	64QAM	1	24	13.81	14.03	13.88	15.50
5	64QAM	12	0	13.80	13.89	13.94	15.50
5	64QAM	12	7	13.74	13.85	13.84	15.50
5	64QAM	12	13	13.91	14.02	13.87	15.50
5	64QAM	25	0	13.89	13.83	13.90	15.50
5	256QAM	1	0	13.93	13.86	13.85	15.50
5	256QAM	1	12	13.88	13.96	13.88	15.50
5	256QAM	1	24	13.96	13.88	13.82	15.50
5	256QAM	12	0	13.82	14.02	13.82	15.50
5	256QAM	12	7	13.86	13.98	13.87	15.50
5	256QAM	12	13	13.81	13.94	13.93	15.50
5	256QAM	25	0	13.86	13.98	13.86	15.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	13.91	13.98	13.83	15.50
3	QPSK	1	8	13.90	13.99	13.90	15.50
3	QPSK	1	14	13.93	13.98	13.76	15.50
3	QPSK	8	0	13.83	13.91	13.94	15.50
3	QPSK	8	4	13.91	14.07	13.95	15.50
3	QPSK	8	7	13.82	13.92	13.80	15.50
3	QPSK	15	0	13.85	14.01	13.86	15.50
3	16QAM	1	0	13.76	14.07	13.97	15.50
3	16QAM	1	8	13.78	13.87	13.95	15.50
3	16QAM	1	14	13.77	14.05	13.83	15.50
3	16QAM	8	0	13.89	14.07	13.79	15.50
3	16QAM	8	4	13.81	14.04	13.84	15.50
3	16QAM	8	7	13.85	14.03	13.84	15.50
3	16QAM	15	0	13.85	13.99	13.80	15.50
3	64QAM	1	0	13.84	13.97	13.85	15.50
3	64QAM	1	8	13.88	13.90	13.79	15.50
3	64QAM	1	14	13.81	14.03	13.91	15.50
3	64QAM	8	0	13.81	14.00	13.88	15.50
3	64QAM	8	4	13.78	13.93	13.87	15.50
3	64QAM	8	7	13.86	13.99	13.89	15.50
3	64QAM	15	0	13.88	13.95	13.88	15.50
3	256QAM	1	0	13.86	13.95	13.86	15.50
3	256QAM	1	8	13.86	14.05	13.83	15.50
3	256QAM	1	14	13.86	13.88	13.79	15.50
3	256QAM	8	0	13.86	14.00	13.78	15.50
3	256QAM	8	4	13.82	13.90	13.95	15.50
3	256QAM	8	7	13.86	13.96	13.97	15.50
3	256QAM	15	0	13.78	13.90	13.83	15.50

Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	13.87	14.09	13.93	15.50
1.4	QPSK	1	3	13.90	14.02	13.93	15.50
1.4	QPSK	1	5	13.91	13.87	13.88	15.50
1.4	QPSK	3	0	13.76	14.06	13.96	15.50
1.4	QPSK	3	1	13.94	14.01	13.94	15.50
1.4	QPSK	3	3	13.89	14.01	13.77	15.50
1.4	QPSK	6	0	13.83	13.93	13.91	15.50
1.4	16QAM	1	0	13.75	14.04	13.99	15.50
1.4	16QAM	1	3	13.78	13.85	13.97	15.50
1.4	16QAM	1	5	13.82	13.96	13.89	15.50
1.4	16QAM	3	0	13.89	14.07	13.79	15.50
1.4	16QAM	3	1	13.90	14.05	13.81	15.50
1.4	16QAM	3	3	13.89	14.07	13.79	15.50
1.4	16QAM	6	0	13.89	13.92	13.81	15.50
1.4	64QAM	1	0	13.76	14.02	13.87	15.50
1.4	64QAM	1	3	13.92	13.92	13.80	15.50
1.4	64QAM	1	5	13.85	14.06	13.93	15.50
1.4	64QAM	3	0	13.83	13.99	13.92	15.50
1.4	64QAM	3	1	13.83	13.84	13.79	15.50
1.4	64QAM	3	3	13.91	14.02	13.97	15.50
1.4	64QAM	6	0	13.90	13.91	13.96	15.50
1.4	256QAM	1	0	13.92	13.93	13.76	15.50
1.4	256QAM	1	3	13.96	13.91	13.85	15.50
1.4	256QAM	1	5	13.90	13.91	13.83	15.50
1.4	256QAM	3	0	13.85	13.92	13.88	15.50
1.4	256QAM	3	1	13.87	13.84	13.91	15.50
1.4	256QAM	3	3	13.71	14.01	13.84	15.50
1.4	256QAM	6	0	13.73	13.96	13.89	15.50

【LTE Band 5_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.55		24.00
10	QPSK	1	25		22.63		24.00
10	QPSK	1	49		22.46		24.00
10	QPSK	25	0		21.46		23.00
10	QPSK	25	12		21.63		23.00
10	QPSK	25	25		21.51		23.00
10	QPSK	50	0		21.56		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.75		23.00
10	16QAM	1	49		21.61		23.00
10	16QAM	25	0		20.54		22.00
10	16QAM	25	12		20.64		22.00
10	16QAM	25	25		20.60		22.00
10	16QAM	50	0		20.51		22.00
10	64QAM	1	0		20.63		22.00
10	64QAM	1	25		20.66		22.00
10	64QAM	1	49		20.68		22.00
10	64QAM	25	0		19.52		21.00
10	64QAM	25	12		19.62		21.00
10	64QAM	25	25		19.58		21.00
10	64QAM	50	0		19.56		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.55		19.00
10	256QAM	1	49		17.63		19.00
10	256QAM	25	0		17.47		19.00
10	256QAM	25	12		17.48		19.00
10	256QAM	25	25		17.53		19.00
10	256QAM	50	0		17.55		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.36	22.53	22.40	24.00
5	QPSK	1	12	22.39	22.50	22.46	24.00
5	QPSK	1	24	22.36	22.33	22.25	24.00
5	QPSK	12	0	21.20	21.31	21.38	23.00
5	QPSK	12	7	21.49	21.53	21.39	23.00
5	QPSK	12	13	21.36	21.45	21.41	23.00
5	QPSK	25	0	21.38	21.45	21.51	23.00

5	16QAM	1	0	21.48	21.48	21.44	23.00
5	16QAM	1	12	21.63	21.70	21.62	23.00
5	16QAM	1	24	21.49	21.58	21.45	23.00
5	16QAM	12	0	20.38	20.48	20.46	22.00
5	16QAM	12	7	20.48	20.55	20.40	22.00
5	16QAM	12	13	20.45	20.51	20.44	22.00
5	16QAM	25	0	20.37	20.36	20.26	22.00
5	64QAM	1	0	20.52	20.55	20.51	22.00
5	64QAM	1	12	20.46	20.65	20.59	22.00
5	64QAM	1	24	20.49	20.53	20.49	22.00
5	64QAM	12	0	19.44	19.51	19.32	21.00
5	64QAM	12	7	19.50	19.57	19.39	21.00
5	64QAM	12	13	19.45	19.48	19.36	21.00
5	64QAM	25	0	19.41	19.41	19.32	21.00
5	256QAM	1	0	17.27	17.31	17.28	19.00
5	256QAM	1	12	17.43	17.46	17.33	19.00
5	256QAM	1	24	17.44	17.58	17.51	19.00
5	256QAM	12	0	17.28	17.38	17.32	19.00
5	256QAM	12	7	17.28	17.39	17.32	19.00
5	256QAM	12	13	17.41	17.38	17.45	19.00
5	256QAM	25	0	17.43	17.41	17.35	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.37	22.40	22.44	24.00
3	QPSK	1	8	22.37	22.55	22.49	24.00
3	QPSK	1	14	22.23	22.34	22.30	24.00
3	QPSK	8	0	21.31	21.42	21.39	23.00
3	QPSK	8	4	21.44	21.49	21.35	23.00
3	QPSK	8	7	21.27	21.42	21.36	23.00
3	QPSK	15	0	21.31	21.44	21.44	23.00
3	16QAM	1	0	21.58	21.57	21.50	23.00
3	16QAM	1	8	21.72	21.61	21.62	23.00
3	16QAM	1	14	21.56	21.60	21.55	23.00
3	16QAM	8	0	20.27	20.52	20.38	22.00
3	16QAM	8	4	20.53	20.55	20.38	22.00
3	16QAM	8	7	20.43	20.54	20.35	22.00
3	16QAM	15	0	20.45	20.49	20.26	22.00
3	64QAM	1	0	20.56	20.60	20.54	22.00
3	64QAM	1	8	20.44	20.56	20.63	22.00
3	64QAM	1	14	20.52	20.65	20.48	22.00
3	64QAM	8	0	19.42	19.37	19.43	21.00
3	64QAM	8	4	19.46	19.54	19.41	21.00
3	64QAM	8	7	19.43	19.57	19.37	21.00
3	64QAM	15	0	19.39	19.52	19.30	21.00
3	256QAM	1	0	17.28	17.31	17.32	19.00
3	256QAM	1	8	17.48	17.41	17.36	19.00
3	256QAM	1	14	17.43	17.61	17.57	19.00
3	256QAM	8	0	17.25	17.41	17.34	19.00
3	256QAM	8	4	17.33	17.33	17.37	19.00
3	256QAM	8	7	17.32	17.50	17.31	19.00
3	256QAM	15	0	17.45	17.46	17.32	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.38	22.42	22.34	24.00
1.4	QPSK	1	3	22.23	22.53	22.30	24.00
1.4	QPSK	1	5	22.11	22.28	22.33	24.00
1.4	QPSK	3	0	22.09	22.31	22.12	24.00
1.4	QPSK	3	1	22.36	22.43	22.34	24.00
1.4	QPSK	3	3	22.16	22.33	22.39	24.00
1.4	QPSK	6	0	21.38	21.29	21.43	23.00
1.4	16QAM	1	0	21.31	21.41	21.32	23.00
1.4	16QAM	1	3	21.64	21.67	21.45	23.00
1.4	16QAM	1	5	21.41	21.42	21.41	23.00
1.4	16QAM	3	0	21.16	21.22	21.33	23.00
1.4	16QAM	3	1	21.40	21.52	21.27	23.00
1.4	16QAM	3	3	21.48	21.41	21.29	23.00
1.4	16QAM	6	0	20.30	20.39	20.19	22.00
1.4	64QAM	1	0	20.35	20.47	20.40	22.00
1.4	64QAM	1	3	20.36	20.43	20.44	22.00
1.4	64QAM	1	5	20.49	20.55	20.38	22.00
1.4	64QAM	3	0	20.19	20.28	20.42	22.00
1.4	64QAM	3	1	20.37	20.43	20.32	22.00
1.4	64QAM	3	3	20.56	20.41	20.26	22.00
1.4	64QAM	6	0	19.21	19.40	19.19	21.00
1.4	256QAM	1	0	17.17	17.32	17.28	19.00
1.4	256QAM	1	3	17.48	17.34	17.40	19.00
1.4	256QAM	1	5	17.36	17.48	17.43	19.00
1.4	256QAM	3	0	17.20	17.26	17.35	19.00



1.4	256QAM	3	1	17.23	17.23	17.18	19.00
1.4	256QAM	3	3	17.23	17.48	17.34	19.00
1.4	256QAM	6	0	17.28	17.43	17.37	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.55		24.00
10	QPSK	1	25		22.63		24.00
10	QPSK	1	49		22.46		24.00
10	QPSK	25	0		21.46		23.00
10	QPSK	25	12		21.63		23.00
10	QPSK	25	25		21.51		23.00
10	QPSK	50	0		21.56		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.75		23.00
10	16QAM	1	49		21.61		23.00
10	16QAM	25	0		20.54		22.00
10	16QAM	25	12		20.64		22.00
10	16QAM	25	25		20.60		22.00
10	16QAM	50	0		20.51		22.00
10	64QAM	1	0		20.63		22.00
10	64QAM	1	25		20.66		22.00
10	64QAM	1	49		20.68		22.00
10	64QAM	25	0		19.52		21.00
10	64QAM	25	12		19.62		21.00
10	64QAM	25	25		19.58		21.00
10	64QAM	50	0		19.56		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.55		19.00
10	256QAM	1	49		17.63		19.00
10	256QAM	25	0		17.47		19.00
10	256QAM	25	12		17.48		19.00
10	256QAM	25	25		17.53		19.00
10	256QAM	50	0		17.55		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.36	22.53	22.40	24.00
5	QPSK	1	12	22.39	22.50	22.46	24.00
5	QPSK	1	24	22.36	22.33	22.25	24.00
5	QPSK	12	0	21.20	21.31	21.38	23.00
5	QPSK	12	7	21.49	21.53	21.39	23.00
5	QPSK	12	13	21.36	21.45	21.41	23.00
5	QPSK	25	0	21.38	21.45	21.51	23.00
5	16QAM	1	0	21.48	21.48	21.44	23.00
5	16QAM	1	12	21.63	21.70	21.62	23.00
5	16QAM	1	24	21.49	21.58	21.45	23.00
5	16QAM	12	0	20.38	20.48	20.46	22.00
5	16QAM	12	7	20.48	20.55	20.40	22.00
5	16QAM	12	13	20.45	20.51	20.44	22.00
5	16QAM	25	0	20.37	20.36	20.26	22.00
5	64QAM	1	0	20.52	20.55	20.51	22.00
5	64QAM	1	12	20.46	20.65	20.59	22.00
5	64QAM	1	24	20.49	20.53	20.49	22.00
5	64QAM	12	0	19.44	19.51	19.32	21.00
5	64QAM	12	7	19.50	19.57	19.39	21.00
5	64QAM	12	13	19.45	19.48	19.36	21.00
5	64QAM	25	0	19.41	19.41	19.32	21.00
5	256QAM	1	0	17.27	17.31	17.28	19.00
5	256QAM	1	12	17.43	17.46	17.33	19.00
5	256QAM	1	24	17.44	17.58	17.51	19.00
5	256QAM	12	0	17.28	17.38	17.32	19.00
5	256QAM	12	7	17.28	17.39	17.32	19.00
5	256QAM	12	13	17.41	17.38	17.45	19.00
5	256QAM	25	0	17.43	17.41	17.35	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.37	22.40	22.44	24.00
3	QPSK	1	8	22.37	22.55	22.49	24.00
3	QPSK	1	14	22.23	22.34	22.30	24.00
3	QPSK	8	0	21.31	21.42	21.39	23.00

3	QPSK	8	4	21.44	21.49	21.35	23.00
3	QPSK	8	7	21.27	21.42	21.36	23.00
3	QPSK	15	0	21.31	21.44	21.44	23.00
3	16QAM	1	0	21.58	21.57	21.50	23.00
3	16QAM	1	8	21.72	21.61	21.62	23.00
3	16QAM	1	14	21.56	21.60	21.55	23.00
3	16QAM	8	0	20.27	20.52	20.38	22.00
3	16QAM	8	4	20.53	20.55	20.38	22.00
3	16QAM	8	7	20.43	20.54	20.35	22.00
3	16QAM	15	0	20.45	20.49	20.26	22.00
3	64QAM	1	0	20.56	20.60	20.54	22.00
3	64QAM	1	8	20.44	20.56	20.63	22.00
3	64QAM	1	14	20.52	20.65	20.48	22.00
3	64QAM	8	0	19.42	19.37	19.43	21.00
3	64QAM	8	4	19.46	19.54	19.41	21.00
3	64QAM	8	7	19.43	19.57	19.37	21.00
3	64QAM	15	0	19.39	19.52	19.30	21.00
3	256QAM	1	0	17.28	17.31	17.32	19.00
3	256QAM	1	8	17.48	17.41	17.36	19.00
3	256QAM	1	14	17.43	17.61	17.57	19.00
3	256QAM	8	0	17.25	17.41	17.34	19.00
3	256QAM	8	4	17.33	17.33	17.37	19.00
3	256QAM	8	7	17.32	17.50	17.31	19.00
3	256QAM	15	0	17.45	17.46	17.32	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.38	22.42	22.34	24.00
1.4	QPSK	1	3	22.23	22.53	22.30	24.00
1.4	QPSK	1	5	22.11	22.28	22.33	24.00
1.4	QPSK	3	0	22.09	22.31	22.12	24.00
1.4	QPSK	3	1	22.36	22.43	22.34	24.00
1.4	QPSK	3	3	22.16	22.33	22.39	24.00
1.4	QPSK	6	0	21.38	21.29	21.43	23.00
1.4	16QAM	1	0	21.31	21.41	21.32	23.00
1.4	16QAM	1	3	21.64	21.67	21.45	23.00
1.4	16QAM	1	5	21.41	21.42	21.41	23.00
1.4	16QAM	3	0	21.16	21.22	21.33	23.00
1.4	16QAM	3	1	21.40	21.52	21.27	23.00
1.4	16QAM	3	3	21.48	21.41	21.29	23.00
1.4	16QAM	6	0	20.30	20.39	20.19	22.00
1.4	64QAM	1	0	20.35	20.47	20.40	22.00
1.4	64QAM	1	3	20.36	20.43	20.44	22.00
1.4	64QAM	1	5	20.49	20.55	20.38	22.00
1.4	64QAM	3	0	20.19	20.28	20.42	22.00
1.4	64QAM	3	1	20.37	20.43	20.32	22.00
1.4	64QAM	3	3	20.56	20.41	20.26	22.00
1.4	64QAM	6	0	19.21	19.40	19.19	21.00
1.4	256QAM	1	0	17.17	17.32	17.28	19.00
1.4	256QAM	1	3	17.48	17.34	17.40	19.00
1.4	256QAM	1	5	17.36	17.48	17.43	19.00
1.4	256QAM	3	0	17.20	17.26	17.35	19.00
1.4	256QAM	3	1	17.23	17.23	17.18	19.00
1.4	256QAM	3	3	17.23	17.48	17.34	19.00
1.4	256QAM	6	0	17.28	17.43	17.37	19.00

【LTE Band 5_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.55		24.00
10	QPSK	1	25		22.63		24.00
10	QPSK	1	49		22.46		24.00
10	QPSK	25	0		21.46		23.00
10	QPSK	25	12		21.63		23.00
10	QPSK	25	25		21.51		23.00
10	QPSK	50	0		21.56		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.75		23.00
10	16QAM	1	49		21.61		23.00
10	16QAM	25	0		20.54		22.00
10	16QAM	25	12		20.64		22.00
10	16QAM	25	25		20.60		22.00

10	16QAM	50	0		20.51		22.00
10	64QAM	1	0		20.63		22.00
10	64QAM	1	25		20.66		22.00
10	64QAM	1	49		20.68		22.00
10	64QAM	25	0		19.52		21.00
10	64QAM	25	12		19.62		21.00
10	64QAM	25	25		19.58		21.00
10	64QAM	50	0		19.56		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.55		19.00
10	256QAM	1	49		17.63		19.00
10	256QAM	25	0		17.47		19.00
10	256QAM	25	12		17.48		19.00
10	256QAM	25	25		17.53		19.00
10	256QAM	50	0		17.55		19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.36	22.53	22.40	24.00
5	QPSK	1	12	22.39	22.50	22.46	24.00
5	QPSK	1	24	22.36	22.33	22.25	24.00
5	QPSK	12	0	21.20	21.31	21.38	23.00
5	QPSK	12	7	21.49	21.53	21.39	23.00
5	QPSK	12	13	21.36	21.45	21.41	23.00
5	QPSK	25	0	21.38	21.45	21.51	23.00
5	16QAM	1	0	21.48	21.48	21.44	23.00
5	16QAM	1	12	21.63	21.70	21.62	23.00
5	16QAM	1	24	21.49	21.58	21.45	23.00
5	16QAM	12	0	20.38	20.48	20.46	22.00
5	16QAM	12	7	20.48	20.55	20.40	22.00
5	16QAM	12	13	20.45	20.51	20.44	22.00
5	16QAM	25	0	20.37	20.36	20.26	22.00
5	64QAM	1	0	20.52	20.55	20.51	22.00
5	64QAM	1	12	20.46	20.65	20.59	22.00
5	64QAM	1	24	20.49	20.53	20.49	22.00
5	64QAM	12	0	19.44	19.51	19.32	21.00
5	64QAM	12	7	19.50	19.57	19.39	21.00
5	64QAM	12	13	19.45	19.48	19.36	21.00
5	64QAM	25	0	19.41	19.41	19.32	21.00
5	256QAM	1	0	17.27	17.31	17.28	19.00
5	256QAM	1	12	17.43	17.46	17.33	19.00
5	256QAM	1	24	17.44	17.58	17.51	19.00
5	256QAM	12	0	17.28	17.38	17.32	19.00
5	256QAM	12	7	17.28	17.39	17.32	19.00
5	256QAM	12	13	17.41	17.38	17.45	19.00
5	256QAM	25	0	17.43	17.41	17.35	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.37	22.40	22.44	24.00
3	QPSK	1	8	22.37	22.55	22.49	24.00
3	QPSK	1	14	22.23	22.34	22.30	24.00
3	QPSK	8	0	21.31	21.42	21.39	23.00
3	QPSK	8	4	21.44	21.49	21.35	23.00
3	QPSK	8	7	21.27	21.42	21.36	23.00
3	QPSK	15	0	21.31	21.44	21.44	23.00
3	16QAM	1	0	21.58	21.57	21.50	23.00
3	16QAM	1	8	21.72	21.61	21.62	23.00
3	16QAM	1	14	21.56	21.60	21.55	23.00
3	16QAM	8	0	20.27	20.52	20.38	22.00
3	16QAM	8	4	20.53	20.55	20.38	22.00
3	16QAM	8	7	20.43	20.54	20.35	22.00
3	16QAM	15	0	20.45	20.49	20.26	22.00
3	64QAM	1	0	20.56	20.60	20.54	22.00
3	64QAM	1	8	20.44	20.56	20.63	22.00
3	64QAM	1	14	20.52	20.65	20.48	22.00
3	64QAM	8	0	19.42	19.37	19.43	21.00
3	64QAM	8	4	19.46	19.54	19.41	21.00
3	64QAM	8	7	19.43	19.57	19.37	21.00
3	64QAM	15	0	19.39	19.52	19.30	21.00
3	256QAM	1	0	17.28	17.31	17.32	19.00
3	256QAM	1	8	17.48	17.41	17.36	19.00
3	256QAM	1	14	17.43	17.61	17.57	19.00
3	256QAM	8	0	17.25	17.41	17.34	19.00
3	256QAM	8	4	17.33	17.33	17.37	19.00
3	256QAM	8	7	17.32	17.50	17.31	19.00
3	256QAM	15	0	17.45	17.46	17.32	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.38	22.42	22.34	24.00



1.4	QPSK	1	3	22.23	22.53	22.30	24.00
1.4	QPSK	1	5	22.11	22.28	22.33	24.00
1.4	QPSK	3	0	22.09	22.31	22.12	24.00
1.4	QPSK	3	1	22.36	22.43	22.34	24.00
1.4	QPSK	3	3	22.16	22.33	22.39	24.00
1.4	QPSK	6	0	21.38	21.29	21.43	23.00
1.4	16QAM	1	0	21.31	21.41	21.32	23.00
1.4	16QAM	1	3	21.64	21.67	21.45	23.00
1.4	16QAM	1	5	21.41	21.42	21.41	23.00
1.4	16QAM	3	0	21.16	21.22	21.33	23.00
1.4	16QAM	3	1	21.40	21.52	21.27	23.00
1.4	16QAM	3	3	21.48	21.41	21.29	23.00
1.4	16QAM	6	0	20.30	20.39	20.19	22.00
1.4	64QAM	1	0	20.35	20.47	20.40	22.00
1.4	64QAM	1	3	20.36	20.43	20.44	22.00
1.4	64QAM	1	5	20.49	20.55	20.38	22.00
1.4	64QAM	3	0	20.19	20.28	20.42	22.00
1.4	64QAM	3	1	20.37	20.43	20.32	22.00
1.4	64QAM	3	3	20.56	20.41	20.26	22.00
1.4	64QAM	6	0	19.21	19.40	19.19	21.00
1.4	256QAM	1	0	17.17	17.32	17.28	19.00
1.4	256QAM	1	3	17.48	17.34	17.40	19.00
1.4	256QAM	1	5	17.36	17.48	17.43	19.00
1.4	256QAM	3	0	17.20	17.26	17.35	19.00
1.4	256QAM	3	1	17.23	17.23	17.18	19.00
1.4	256QAM	3	3	17.23	17.48	17.34	19.00
1.4	256QAM	6	0	17.28	17.43	17.37	19.00

【LTE Band 5_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.55		24.00
10	QPSK	1	25		22.63		24.00
10	QPSK	1	49		22.46		24.00
10	QPSK	25	0		21.46		23.00
10	QPSK	25	12		21.63		23.00
10	QPSK	25	25		21.51		23.00
10	QPSK	50	0		21.56		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.75		23.00
10	16QAM	1	49		21.61		23.00
10	16QAM	25	0		20.54		22.00
10	16QAM	25	12		20.64		22.00
10	16QAM	25	25		20.60		22.00
10	16QAM	50	0		20.51		22.00
10	64QAM	1	0		20.63		22.00
10	64QAM	1	25		20.66		22.00
10	64QAM	1	49		20.68		22.00
10	64QAM	25	0		19.52		21.00
10	64QAM	25	12		19.62		21.00
10	64QAM	25	25		19.58		21.00
10	64QAM	50	0		19.56		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.55		19.00
10	256QAM	1	49		17.63		19.00
10	256QAM	25	0		17.47		19.00
10	256QAM	25	12		17.48		19.00
10	256QAM	25	25		17.53		19.00
10	256QAM	50	0		17.55		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.36	22.53	22.40	24.00
5	QPSK	1	12	22.39	22.50	22.46	24.00
5	QPSK	1	24	22.36	22.33	22.25	24.00
5	QPSK	12	0	21.20	21.31	21.38	23.00
5	QPSK	12	7	21.49	21.53	21.39	23.00
5	QPSK	12	13	21.36	21.45	21.41	23.00
5	QPSK	25	0	21.38	21.45	21.51	23.00
5	16QAM	1	0	21.48	21.48	21.44	23.00
5	16QAM	1	12	21.63	21.70	21.62	23.00
5	16QAM	1	24	21.49	21.58	21.45	23.00

5	16QAM	12	0	20.38	20.48	20.46	22.00
5	16QAM	12	7	20.48	20.55	20.40	22.00
5	16QAM	12	13	20.45	20.51	20.44	22.00
5	16QAM	25	0	20.37	20.36	20.26	22.00
5	64QAM	1	0	20.52	20.55	20.51	22.00
5	64QAM	1	12	20.46	20.65	20.59	22.00
5	64QAM	1	24	20.49	20.53	20.49	22.00
5	64QAM	12	0	19.44	19.51	19.32	21.00
5	64QAM	12	7	19.50	19.57	19.39	21.00
5	64QAM	12	13	19.45	19.48	19.36	21.00
5	64QAM	25	0	19.41	19.41	19.32	21.00
5	256QAM	1	0	17.27	17.31	17.28	19.00
5	256QAM	1	12	17.43	17.46	17.33	19.00
5	256QAM	1	24	17.44	17.58	17.51	19.00
5	256QAM	12	0	17.28	17.38	17.32	19.00
5	256QAM	12	7	17.28	17.39	17.32	19.00
5	256QAM	12	13	17.41	17.38	17.45	19.00
5	256QAM	25	0	17.43	17.41	17.35	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.37	22.40	22.44	24.00
3	QPSK	1	8	22.37	22.55	22.49	24.00
3	QPSK	1	14	22.23	22.34	22.30	24.00
3	QPSK	8	0	21.31	21.42	21.39	23.00
3	QPSK	8	4	21.44	21.49	21.35	23.00
3	QPSK	8	7	21.27	21.42	21.36	23.00
3	QPSK	15	0	21.31	21.44	21.44	23.00
3	16QAM	1	0	21.58	21.57	21.50	23.00
3	16QAM	1	8	21.72	21.61	21.62	23.00
3	16QAM	1	14	21.56	21.60	21.55	23.00
3	16QAM	8	0	20.27	20.52	20.38	22.00
3	16QAM	8	4	20.53	20.55	20.38	22.00
3	16QAM	8	7	20.43	20.54	20.35	22.00
3	16QAM	15	0	20.45	20.49	20.26	22.00
3	64QAM	1	0	20.56	20.60	20.54	22.00
3	64QAM	1	8	20.44	20.56	20.63	22.00
3	64QAM	1	14	20.52	20.65	20.48	22.00
3	64QAM	8	0	19.42	19.37	19.43	21.00
3	64QAM	8	4	19.46	19.54	19.41	21.00
3	64QAM	8	7	19.43	19.57	19.37	21.00
3	64QAM	15	0	19.39	19.52	19.30	21.00
3	256QAM	1	0	17.28	17.31	17.32	19.00
3	256QAM	1	8	17.48	17.41	17.36	19.00
3	256QAM	1	14	17.43	17.61	17.57	19.00
3	256QAM	8	0	17.25	17.41	17.34	19.00
3	256QAM	8	4	17.33	17.33	17.37	19.00
3	256QAM	8	7	17.32	17.50	17.31	19.00
3	256QAM	15	0	17.45	17.46	17.32	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.38	22.42	22.34	24.00
1.4	QPSK	1	3	22.23	22.53	22.30	24.00
1.4	QPSK	1	5	22.11	22.28	22.33	24.00
1.4	QPSK	3	0	22.09	22.31	22.12	24.00
1.4	QPSK	3	1	22.36	22.43	22.34	24.00
1.4	QPSK	3	3	22.16	22.33	22.39	24.00
1.4	QPSK	6	0	21.38	21.29	21.43	23.00
1.4	16QAM	1	0	21.31	21.41	21.32	23.00
1.4	16QAM	1	3	21.64	21.67	21.45	23.00
1.4	16QAM	1	5	21.41	21.42	21.41	23.00
1.4	16QAM	3	0	21.16	21.22	21.33	23.00
1.4	16QAM	3	1	21.40	21.52	21.27	23.00
1.4	16QAM	3	3	21.48	21.41	21.29	23.00
1.4	16QAM	6	0	20.30	20.39	20.19	22.00
1.4	64QAM	1	0	20.35	20.47	20.40	22.00
1.4	64QAM	1	3	20.36	20.43	20.44	22.00
1.4	64QAM	1	5	20.49	20.55	20.38	22.00
1.4	64QAM	3	0	20.19	20.28	20.42	22.00
1.4	64QAM	3	1	20.37	20.43	20.32	22.00
1.4	64QAM	3	3	20.56	20.41	20.26	22.00
1.4	64QAM	6	0	19.21	19.40	19.19	21.00
1.4	256QAM	1	0	17.17	17.32	17.28	19.00
1.4	256QAM	1	3	17.48	17.34	17.40	19.00
1.4	256QAM	1	5	17.36	17.48	17.43	19.00
1.4	256QAM	3	0	17.20	17.26	17.35	19.00
1.4	256QAM	3	1	17.23	17.23	17.18	19.00
1.4	256QAM	3	3	17.23	17.48	17.34	19.00
1.4	256QAM	6	0	17.28	17.43	17.37	19.00

【LTE Band 5_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.55		24.00
10	QPSK	1	25		22.63		24.00
10	QPSK	1	49		22.46		24.00
10	QPSK	25	0		21.46		23.00
10	QPSK	25	12		21.63		23.00
10	QPSK	25	25		21.51		23.00
10	QPSK	50	0		21.56		23.00
10	16QAM	1	0		21.63		23.00
10	16QAM	1	25		21.75		23.00
10	16QAM	1	49		21.61		23.00
10	16QAM	25	0		20.54		22.00
10	16QAM	25	12		20.64		22.00
10	16QAM	25	25		20.60		22.00
10	16QAM	50	0		20.51		22.00
10	64QAM	1	0		20.63		22.00
10	64QAM	1	25		20.66		22.00
10	64QAM	1	49		20.68		22.00
10	64QAM	25	0		19.52		21.00
10	64QAM	25	12		19.62		21.00
10	64QAM	25	25		19.58		21.00
10	64QAM	50	0		19.56		21.00
10	256QAM	1	0		17.45		19.00
10	256QAM	1	25		17.55		19.00
10	256QAM	1	49		17.63		19.00
10	256QAM	25	0		17.47		19.00
10	256QAM	25	12		17.48		19.00
10	256QAM	25	25		17.53		19.00
10	256QAM	50	0		17.55		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.36	22.53	22.40	24.00
5	QPSK	1	12	22.39	22.50	22.46	24.00
5	QPSK	1	24	22.36	22.33	22.25	24.00
5	QPSK	12	0	21.20	21.31	21.38	23.00
5	QPSK	12	7	21.49	21.53	21.39	23.00
5	QPSK	12	13	21.36	21.45	21.41	23.00
5	QPSK	25	0	21.38	21.45	21.51	23.00
5	16QAM	1	0	21.48	21.48	21.44	23.00
5	16QAM	1	12	21.63	21.70	21.62	23.00
5	16QAM	1	24	21.49	21.58	21.45	23.00
5	16QAM	12	0	20.38	20.48	20.46	22.00
5	16QAM	12	7	20.48	20.55	20.40	22.00
5	16QAM	12	13	20.45	20.51	20.44	22.00
5	16QAM	25	0	20.37	20.36	20.26	22.00
5	64QAM	1	0	20.52	20.55	20.51	22.00
5	64QAM	1	12	20.46	20.65	20.59	22.00
5	64QAM	1	24	20.49	20.53	20.49	22.00
5	64QAM	12	0	19.44	19.51	19.32	21.00
5	64QAM	12	7	19.50	19.57	19.39	21.00
5	64QAM	12	13	19.45	19.48	19.36	21.00
5	64QAM	25	0	19.41	19.41	19.32	21.00
5	256QAM	1	0	17.27	17.31	17.28	19.00
5	256QAM	1	12	17.43	17.46	17.33	19.00
5	256QAM	1	24	17.44	17.58	17.51	19.00
5	256QAM	12	0	17.28	17.38	17.32	19.00
5	256QAM	12	7	17.28	17.39	17.32	19.00
5	256QAM	12	13	17.41	17.38	17.45	19.00
5	256QAM	25	0	17.43	17.41	17.35	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.37	22.40	22.44	24.00
3	QPSK	1	8	22.37	22.55	22.49	24.00
3	QPSK	1	14	22.23	22.34	22.30	24.00
3	QPSK	8	0	21.31	21.42	21.39	23.00
3	QPSK	8	4	21.44	21.49	21.35	23.00
3	QPSK	8	7	21.27	21.42	21.36	23.00
3	QPSK	15	0	21.31	21.44	21.44	23.00

3	16QAM	1	0	21.58	21.57	21.50	23.00
3	16QAM	1	8	21.72	21.61	21.62	23.00
3	16QAM	1	14	21.56	21.60	21.55	23.00
3	16QAM	8	0	20.27	20.52	20.38	22.00
3	16QAM	8	4	20.53	20.55	20.38	22.00
3	16QAM	8	7	20.43	20.54	20.35	22.00
3	16QAM	15	0	20.45	20.49	20.26	22.00
3	64QAM	1	0	20.56	20.60	20.54	22.00
3	64QAM	1	8	20.44	20.56	20.63	22.00
3	64QAM	1	14	20.52	20.65	20.48	22.00
3	64QAM	8	0	19.42	19.37	19.43	21.00
3	64QAM	8	4	19.46	19.54	19.41	21.00
3	64QAM	8	7	19.43	19.57	19.37	21.00
3	64QAM	15	0	19.39	19.52	19.30	21.00
3	256QAM	1	0	17.28	17.31	17.32	19.00
3	256QAM	1	8	17.48	17.41	17.36	19.00
3	256QAM	1	14	17.43	17.61	17.57	19.00
3	256QAM	8	0	17.25	17.41	17.34	19.00
3	256QAM	8	4	17.33	17.33	17.37	19.00
3	256QAM	8	7	17.32	17.50	17.31	19.00
3	256QAM	15	0	17.45	17.46	17.32	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.38	22.42	22.34	24.00
1.4	QPSK	1	3	22.23	22.53	22.30	24.00
1.4	QPSK	1	5	22.11	22.28	22.33	24.00
1.4	QPSK	3	0	22.09	22.31	22.12	24.00
1.4	QPSK	3	1	22.36	22.43	22.34	24.00
1.4	QPSK	3	3	22.16	22.33	22.39	24.00
1.4	QPSK	6	0	21.38	21.29	21.43	23.00
1.4	16QAM	1	0	21.31	21.41	21.32	23.00
1.4	16QAM	1	3	21.64	21.67	21.45	23.00
1.4	16QAM	1	5	21.41	21.42	21.41	23.00
1.4	16QAM	3	0	21.16	21.22	21.33	23.00
1.4	16QAM	3	1	21.40	21.52	21.27	23.00
1.4	16QAM	3	3	21.48	21.41	21.29	23.00
1.4	16QAM	6	0	20.30	20.39	20.19	22.00
1.4	64QAM	1	0	20.35	20.47	20.40	22.00
1.4	64QAM	1	3	20.36	20.43	20.44	22.00
1.4	64QAM	1	5	20.49	20.55	20.38	22.00
1.4	64QAM	3	0	20.19	20.28	20.42	22.00
1.4	64QAM	3	1	20.37	20.43	20.32	22.00
1.4	64QAM	3	3	20.56	20.41	20.26	22.00
1.4	64QAM	6	0	19.21	19.40	19.19	21.00
1.4	256QAM	1	0	17.17	17.32	17.28	19.00
1.4	256QAM	1	3	17.48	17.34	17.40	19.00
1.4	256QAM	1	5	17.36	17.48	17.43	19.00
1.4	256QAM	3	0	17.20	17.26	17.35	19.00
1.4	256QAM	3	1	17.23	17.23	17.18	19.00
1.4	256QAM	3	3	17.23	17.48	17.34	19.00
1.4	256QAM	6	0	17.28	17.43	17.37	19.00

【LTE Band 5_Ant 4_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				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.23		24.00
10	QPSK	1	25		22.38		24.00
10	QPSK	1	49		22.23		24.00
10	QPSK	25	0		21.31		23.00
10	QPSK	25	12		21.38		23.00
10	QPSK	25	25		21.32		23.00
10	QPSK	50	0		21.34		23.00
10	16QAM	1	0		21.64		23.00
10	16QAM	1	25		21.54		23.00
10	16QAM	1	49		21.52		23.00
10	16QAM	25	0		20.29		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.32		22.00
10	16QAM	50	0		20.36		22.00
10	64QAM	1	0		20.50		22.00
10	64QAM	1	25		20.46		22.00

10	64QAM	1	49		20.49		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.34		21.00
10	64QAM	25	25		19.31		21.00
10	64QAM	50	0		19.32		21.00
10	256QAM	1	0		17.15		19.00
10	256QAM	1	25		17.29		19.00
10	256QAM	1	49		17.41		19.00
10	256QAM	25	0		17.29		19.00
10	256QAM	25	12		17.17		19.00
10	256QAM	25	25		17.21		19.00
10	256QAM	50	0		17.33		19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.03	22.20	22.04	24.00
5	QPSK	1	12	22.31	22.24	22.25	24.00
5	QPSK	1	24	22.00	22.15	22.08	24.00
5	QPSK	12	0	21.24	21.20	21.03	23.00
5	QPSK	12	7	21.25	21.30	21.24	23.00
5	QPSK	12	13	21.17	21.26	21.21	23.00
5	QPSK	25	0	21.14	21.32	21.25	23.00
5	16QAM	1	0	21.46	21.51	21.56	23.00
5	16QAM	1	12	21.39	21.51	21.35	23.00
5	16QAM	1	24	21.26	21.45	21.40	23.00
5	16QAM	12	0	20.13	20.22	20.11	22.00
5	16QAM	12	7	20.29	20.17	20.16	22.00
5	16QAM	12	13	20.16	20.30	20.14	22.00
5	16QAM	25	0	20.32	20.34	20.24	22.00
5	64QAM	1	0	20.33	20.47	20.23	22.00
5	64QAM	1	12	20.17	20.45	20.31	22.00
5	64QAM	1	24	20.45	20.44	20.32	22.00
5	64QAM	12	0	19.10	19.11	19.07	21.00
5	64QAM	12	7	19.21	19.20	19.22	21.00
5	64QAM	12	13	19.18	19.16	19.22	21.00
5	64QAM	25	0	19.20	19.23	19.04	21.00
5	256QAM	1	0	17.09	17.10	17.15	19.00
5	256QAM	1	12	17.11	17.16	17.02	19.00
5	256QAM	1	24	17.12	17.35	17.31	19.00
5	256QAM	12	0	17.09	17.25	17.22	19.00
5	256QAM	12	7	17.09	17.11	17.14	19.00
5	256QAM	12	13	17.12	17.09	17.16	19.00
5	256QAM	25	0	17.25	17.23	17.11	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.05	22.21	22.03	24.00
3	QPSK	1	8	22.30	22.34	22.15	24.00
3	QPSK	1	14	22.00	22.17	22.10	24.00
3	QPSK	8	0	21.15	21.23	21.08	23.00
3	QPSK	8	4	21.25	21.25	21.11	23.00
3	QPSK	8	7	21.24	21.26	21.15	23.00
3	QPSK	15	0	21.19	21.28	21.25	23.00
3	16QAM	1	0	21.51	21.54	21.60	23.00
3	16QAM	1	8	21.42	21.48	21.36	23.00
3	16QAM	1	14	21.30	21.43	21.30	23.00
3	16QAM	8	0	20.20	20.19	20.08	22.00
3	16QAM	8	4	20.28	20.23	20.29	22.00
3	16QAM	8	7	20.02	20.19	20.18	22.00
3	16QAM	15	0	20.27	20.23	20.28	22.00
3	64QAM	1	0	20.35	20.37	20.22	22.00
3	64QAM	1	8	20.18	20.43	20.27	22.00
3	64QAM	1	14	20.41	20.41	20.28	22.00
3	64QAM	8	0	19.15	19.24	19.11	21.00
3	64QAM	8	4	19.19	19.30	19.27	21.00
3	64QAM	8	7	19.18	19.24	19.20	21.00
3	64QAM	15	0	19.23	19.29	19.11	21.00
3	256QAM	1	0	17.01	17.04	17.09	19.00
3	256QAM	1	8	17.17	17.17	17.08	19.00
3	256QAM	1	14	17.04	17.35	17.28	19.00
3	256QAM	8	0	17.16	17.23	17.26	19.00
3	256QAM	8	4	17.05	17.13	17.16	19.00
3	256QAM	8	7	17.12	17.15	17.17	19.00
3	256QAM	15	0	17.30	17.26	17.13	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.16	22.13	22.08	24.00
1.4	QPSK	1	3	22.16	22.35	22.30	24.00
1.4	QPSK	1	5	22.12	22.22	22.03	24.00
1.4	QPSK	3	0	22.10	22.21	22.16	24.00

1.4	QPSK	3	1	22.27	22.27	22.22	24.00
1.4	QPSK	3	3	22.25	22.18	22.22	24.00
1.4	QPSK	6	0	21.09	21.28	21.28	23.00
1.4	16QAM	1	0	21.52	21.56	21.53	23.00
1.4	16QAM	1	3	21.38	21.51	21.45	23.00
1.4	16QAM	1	5	21.30	21.51	21.39	23.00
1.4	16QAM	3	0	21.13	21.33	21.19	23.00
1.4	16QAM	3	1	21.25	21.26	21.23	23.00
1.4	16QAM	3	3	21.05	21.29	21.27	23.00
1.4	16QAM	6	0	20.27	20.17	20.31	22.00
1.4	64QAM	1	0	20.48	20.38	20.32	22.00
1.4	64QAM	1	3	20.27	20.37	20.30	22.00
1.4	64QAM	1	5	20.49	20.30	20.40	22.00
1.4	64QAM	3	0	20.07	20.24	20.19	22.00
1.4	64QAM	3	1	20.29	20.29	20.24	22.00
1.4	64QAM	3	3	20.31	20.21	20.27	22.00
1.4	64QAM	6	0	19.12	19.23	19.11	21.00
1.4	256QAM	1	0	17.13	17.15	17.06	19.00
1.4	256QAM	1	3	17.07	17.33	17.11	19.00
1.4	256QAM	1	5	17.03	17.24	17.31	19.00
1.4	256QAM	3	0	17.08	17.35	17.13	19.00
1.4	256QAM	3	1	17.07	17.12	17.12	19.00
1.4	256QAM	3	3	17.02	17.11	17.29	19.00
1.4	256QAM	6	0	17.11	17.31	17.09	19.00

【LTE Band 5_Ant 4_PA_Reference Designator_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				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.79		24.00
10	QPSK	1	25		22.82		24.00
10	QPSK	1	49		22.68		24.00
10	QPSK	25	0		21.67		23.00
10	QPSK	25	12		21.71		23.00
10	QPSK	25	25		21.63		23.00
10	QPSK	50	0		21.67		23.00
10	16QAM	1	0		21.75		23.00
10	16QAM	1	25		21.78		23.00
10	16QAM	1	49		21.67		23.00
10	16QAM	25	0		20.66		22.00
10	16QAM	25	12		20.71		22.00
10	16QAM	25	25		20.75		22.00
10	16QAM	50	0		20.66		22.00
10	64QAM	1	0		20.64		22.00
10	64QAM	1	25		20.63		22.00
10	64QAM	1	49		20.53		22.00
10	64QAM	25	0		19.77		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.84		21.00
10	64QAM	50	0		19.68		21.00
10	256QAM	1	0		17.93		19.00
10	256QAM	1	25		17.80		19.00
10	256QAM	1	49		17.81		19.00
10	256QAM	25	0		17.90		19.00
10	256QAM	25	12		17.78		19.00
10	256QAM	25	25		17.91		19.00
10	256QAM	50	0		17.89		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.72	22.69	22.51	24.00
5	QPSK	1	12	22.73	22.79	22.55	24.00
5	QPSK	1	24	22.52	22.65	22.51	24.00
5	QPSK	12	0	21.54	21.66	21.48	23.00
5	QPSK	12	7	21.51	21.60	21.54	23.00
5	QPSK	12	13	21.47	21.61	21.53	23.00
5	QPSK	25	0	21.47	21.54	21.57	23.00
5	16QAM	1	0	21.54	21.73	21.53	23.00
5	16QAM	1	12	21.59	21.69	21.56	23.00
5	16QAM	1	24	21.51	21.60	21.56	23.00
5	16QAM	12	0	20.59	20.55	20.49	22.00
5	16QAM	12	7	20.50	20.60	20.47	22.00
5	16QAM	12	13	20.73	20.64	20.57	22.00

5	16QAM	25	0	20.47	20.55	20.56	22.00
5	64QAM	1	0	20.47	20.51	20.54	22.00
5	64QAM	1	12	20.42	20.59	20.47	22.00
5	64QAM	1	24	20.42	20.47	20.45	22.00
5	64QAM	12	0	19.60	19.67	19.69	21.00
5	64QAM	12	7	19.69	19.66	19.59	21.00
5	64QAM	12	13	19.63	19.69	19.69	21.00
5	64QAM	25	0	19.53	19.55	19.53	21.00
5	256QAM	1	0	17.72	17.86	17.84	19.00
5	256QAM	1	12	17.63	17.76	17.63	19.00
5	256QAM	1	24	17.58	17.74	17.75	19.00
5	256QAM	12	0	17.61	17.80	17.69	19.00
5	256QAM	12	7	17.67	17.70	17.56	19.00
5	256QAM	12	13	17.84	17.87	17.73	19.00
5	256QAM	25	0	17.64	17.83	17.80	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.61	22.68	22.59	24.00
3	QPSK	1	8	22.75	22.72	22.64	24.00
3	QPSK	1	14	22.45	22.65	22.51	24.00
3	QPSK	8	0	21.55	21.57	21.44	23.00
3	QPSK	8	4	21.53	21.58	21.59	23.00
3	QPSK	8	7	21.59	21.62	21.50	23.00
3	QPSK	15	0	21.41	21.61	21.55	23.00
3	16QAM	1	0	21.53	21.66	21.52	23.00
3	16QAM	1	8	21.69	21.71	21.56	23.00
3	16QAM	1	14	21.43	21.59	21.47	23.00
3	16QAM	8	0	20.57	20.59	20.48	22.00
3	16QAM	8	4	20.63	20.63	20.57	22.00
3	16QAM	8	7	20.69	20.72	20.52	22.00
3	16QAM	15	0	20.54	20.54	20.55	22.00
3	64QAM	1	0	20.46	20.50	20.54	22.00
3	64QAM	1	8	20.43	20.50	20.53	22.00
3	64QAM	1	14	20.42	20.44	20.43	22.00
3	64QAM	8	0	19.66	19.69	19.73	21.00
3	64QAM	8	4	19.65	19.65	19.65	21.00
3	64QAM	8	7	19.77	19.80	19.65	21.00
3	64QAM	15	0	19.51	19.59	19.44	21.00
3	256QAM	1	0	17.73	17.88	17.78	19.00
3	256QAM	1	8	17.63	17.79	17.63	19.00
3	256QAM	1	14	17.64	17.74	17.71	19.00
3	256QAM	8	0	17.73	17.79	17.68	19.00
3	256QAM	8	4	17.66	17.70	17.58	19.00
3	256QAM	8	7	17.71	17.80	17.77	19.00
3	256QAM	15	0	17.74	17.77	17.70	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.61	22.56	22.51	24.00
1.4	QPSK	1	3	22.50	22.61	22.50	24.00
1.4	QPSK	1	5	22.34	22.49	22.39	24.00
1.4	QPSK	3	0	22.32	22.53	22.36	24.00
1.4	QPSK	3	1	22.42	22.55	22.48	24.00
1.4	QPSK	3	3	22.36	22.55	22.40	24.00
1.4	QPSK	6	0	21.38	21.58	21.31	23.00
1.4	16QAM	1	0	21.43	21.58	21.41	23.00
1.4	16QAM	1	3	21.50	21.63	21.53	23.00
1.4	16QAM	1	5	21.49	21.56	21.50	23.00
1.4	16QAM	3	0	21.47	21.41	21.37	23.00
1.4	16QAM	3	1	21.51	21.50	21.34	23.00
1.4	16QAM	3	3	21.58	21.53	21.47	23.00
1.4	16QAM	6	0	20.39	20.47	20.42	22.00
1.4	64QAM	1	0	20.43	20.34	20.37	22.00
1.4	64QAM	1	3	20.33	20.59	20.45	22.00
1.4	64QAM	1	5	20.28	20.39	20.43	22.00
1.4	64QAM	3	0	20.47	20.50	20.69	22.00
1.4	64QAM	3	1	20.47	20.58	20.69	22.00
1.4	64QAM	3	3	20.57	20.68	20.52	22.00
1.4	64QAM	6	0	19.43	19.52	19.45	21.00
1.4	256QAM	1	0	17.63	17.71	17.84	19.00
1.4	256QAM	1	3	17.51	17.58	17.51	19.00
1.4	256QAM	1	5	17.50	17.63	17.75	19.00
1.4	256QAM	3	0	17.52	17.65	17.51	19.00
1.4	256QAM	3	1	17.45	17.59	17.41	19.00
1.4	256QAM	3	3	17.74	17.63	17.71	19.00
1.4	256QAM	6	0	17.68	17.74	17.64	19.00

【LTE Band 5_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		18.76		20.50
10	QPSK	1	25		18.81		20.50
10	QPSK	1	49		18.71		20.50
10	QPSK	25	0		18.70		20.50
10	QPSK	25	12		18.78		20.50
10	QPSK	25	25		18.70		20.50
10	QPSK	50	0		18.77		20.50
10	16QAM	1	0		18.76		20.50
10	16QAM	1	25		18.66		20.50
10	16QAM	1	49		18.79		20.50
10	16QAM	25	0		18.72		20.50
10	16QAM	25	12		18.77		20.50
10	16QAM	25	25		18.75		20.50
10	16QAM	50	0		18.80		20.50
10	64QAM	1	0		18.66		20.50
10	64QAM	1	25		18.65		20.50
10	64QAM	1	49		18.72		20.50
10	64QAM	25	0		18.75		20.50
10	64QAM	25	12		18.68		20.50
10	64QAM	25	25		18.80		20.50
10	64QAM	50	0		18.72		20.50
10	256QAM	1	0		17.15		19.00
10	256QAM	1	25		17.29		19.00
10	256QAM	1	49		17.41		19.00
10	256QAM	25	0		17.29		19.00
10	256QAM	25	12		17.17		19.00
10	256QAM	25	25		17.21		19.00
10	256QAM	50	0		17.33		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.63	18.60	18.69	20.50
5	QPSK	1	12	18.66	18.68	18.71	20.50
5	QPSK	1	24	18.61	18.59	18.68	20.50
5	QPSK	12	0	18.52	18.55	18.67	20.50
5	QPSK	12	7	18.67	18.74	18.71	20.50
5	QPSK	12	13	18.52	18.62	18.60	20.50
5	QPSK	25	0	18.65	18.64	18.69	20.50
5	16QAM	1	0	18.63	18.75	18.61	20.50
5	16QAM	1	12	18.52	18.52	18.64	20.50
5	16QAM	1	24	18.56	18.71	18.54	20.50
5	16QAM	12	0	18.63	18.62	18.69	20.50
5	16QAM	12	7	18.64	18.74	18.52	20.50
5	16QAM	12	13	18.51	18.71	18.62	20.50
5	16QAM	25	0	18.64	18.66	18.67	20.50
5	64QAM	1	0	18.50	18.64	18.67	20.50
5	64QAM	1	12	18.60	18.50	18.61	20.50
5	64QAM	1	24	18.58	18.71	18.59	20.50
5	64QAM	12	0	18.55	18.61	18.62	20.50
5	64QAM	12	7	18.68	18.53	18.65	20.50
5	64QAM	12	13	18.64	18.76	18.61	20.50
5	64QAM	25	0	18.55	18.69	18.51	20.50
5	256QAM	1	0	17.09	17.10	17.15	19.00
5	256QAM	1	12	17.11	17.16	17.02	19.00
5	256QAM	1	24	17.12	17.35	17.31	19.00
5	256QAM	12	0	17.09	17.25	17.22	19.00
5	256QAM	12	7	17.09	17.11	17.14	19.00
5	256QAM	12	13	17.12	17.09	17.16	19.00
5	256QAM	25	0	17.25	17.23	17.11	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	18.69	18.68	18.71	20.50
3	QPSK	1	8	18.66	18.66	18.73	20.50
3	QPSK	1	14	18.60	18.57	18.71	20.50
3	QPSK	8	0	18.56	18.61	18.54	20.50
3	QPSK	8	4	18.60	18.72	18.60	20.50
3	QPSK	8	7	18.51	18.66	18.59	20.50
3	QPSK	15	0	18.56	18.74	18.61	20.50
3	16QAM	1	0	18.64	18.62	18.65	20.50
3	16QAM	1	8	18.60	18.64	18.54	20.50
3	16QAM	1	14	18.65	18.67	18.63	20.50

3	16QAM	8	0	18.57	18.58	18.57	20.50
3	16QAM	8	4	18.58	18.69	18.55	20.50
3	16QAM	8	7	18.53	18.68	18.74	20.50
3	16QAM	15	0	18.62	18.75	18.55	20.50
3	64QAM	1	0	18.59	18.50	18.60	20.50
3	64QAM	1	8	18.63	18.51	18.53	20.50
3	64QAM	1	14	18.64	18.60	18.64	20.50
3	64QAM	8	0	18.65	18.62	18.60	20.50
3	64QAM	8	4	18.55	18.66	18.67	20.50
3	64QAM	8	7	18.57	18.77	18.51	20.50
3	64QAM	15	0	18.66	18.70	18.62	20.50
3	256QAM	1	0	17.01	17.04	17.09	19.00
3	256QAM	1	8	17.17	17.17	17.08	19.00
3	256QAM	1	14	17.04	17.35	17.28	19.00
3	256QAM	8	0	17.16	17.23	17.26	19.00
3	256QAM	8	4	17.05	17.13	17.16	19.00
3	256QAM	8	7	17.12	17.15	17.17	19.00
3	256QAM	15	0	17.30	17.26	17.13	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.66	18.70	18.69	20.50
1.4	QPSK	1	3	18.59	18.72	18.72	20.50
1.4	QPSK	1	5	18.55	18.67	18.60	20.50
1.4	QPSK	3	0	18.65	18.59	18.54	20.50
1.4	QPSK	3	1	18.66	18.77	18.62	20.50
1.4	QPSK	3	3	18.51	18.56	18.53	20.50
1.4	QPSK	6	0	18.69	18.67	18.72	20.50
1.4	16QAM	1	0	18.53	18.63	18.62	20.50
1.4	16QAM	1	3	18.58	18.63	18.52	20.50
1.4	16QAM	1	5	18.56	18.72	18.51	20.50
1.4	16QAM	3	0	18.67	18.56	18.71	20.50
1.4	16QAM	3	1	18.56	18.69	18.56	20.50
1.4	16QAM	3	3	18.65	18.63	18.69	20.50
1.4	16QAM	6	0	18.61	18.72	18.53	20.50
1.4	64QAM	1	0	18.62	18.61	18.55	20.50
1.4	64QAM	1	3	18.52	18.57	18.65	20.50
1.4	64QAM	1	5	18.59	18.65	18.56	20.50
1.4	64QAM	3	0	18.57	18.70	18.61	20.50
1.4	64QAM	3	1	18.58	18.54	18.67	20.50
1.4	64QAM	3	3	18.54	18.64	18.60	20.50
1.4	64QAM	6	0	18.58	18.56	18.53	20.50
1.4	256QAM	1	0	17.13	17.15	17.06	19.00
1.4	256QAM	1	3	17.07	17.33	17.11	19.00
1.4	256QAM	1	5	17.03	17.24	17.31	19.00
1.4	256QAM	3	0	17.08	17.35	17.13	19.00
1.4	256QAM	3	1	17.07	17.12	17.12	19.00
1.4	256QAM	3	3	17.02	17.11	17.29	19.00
1.4	256QAM	6	0	17.11	17.31	17.09	19.00

【LTE Band 5_Ant 4_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				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		20.85		22.50
10	QPSK	1	25		20.93		22.50
10	QPSK	1	49		20.89		22.50
10	QPSK	25	0		20.86		21.50
10	QPSK	25	12		20.90		21.50
10	QPSK	25	25		20.79		21.50
10	QPSK	50	0		20.88		21.50
10	16QAM	1	0		20.83		21.50
10	16QAM	1	25		20.92		21.50
10	16QAM	1	49		20.82		21.50
10	16QAM	25	0		20.19		20.50
10	16QAM	25	12		20.22		20.50
10	16QAM	25	25		20.22		20.50
10	16QAM	50	0		20.26		20.50
10	64QAM	1	0		20.40		20.50
10	64QAM	1	25		20.36		20.50
10	64QAM	1	49		20.39		20.50
10	64QAM	25	0		19.16		19.50
10	64QAM	25	12		19.24		19.50

10	64QAM	25	25		19.21		19.50
10	64QAM	50	0		19.22		19.50
10	256QAM	1	0		17.05		17.50
10	256QAM	1	25		17.19		17.50
10	256QAM	1	49		17.31		17.50
10	256QAM	25	0		17.19		17.50
10	256QAM	25	12		17.07		17.50
10	256QAM	25	25		17.11		17.50
10	256QAM	50	0		17.23		17.50
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	20.65	20.71	20.79	22.50
5	QPSK	1	12	20.80	20.89	20.74	22.50
5	QPSK	1	24	20.77	20.77	20.69	22.50
5	QPSK	12	0	20.67	20.78	20.75	21.50
5	QPSK	12	7	20.80	20.80	20.83	21.50
5	QPSK	12	13	20.73	20.67	20.62	21.50
5	QPSK	25	0	20.64	20.80	20.72	21.50
5	16QAM	1	0	20.68	20.73	20.76	21.50
5	16QAM	1	12	20.65	20.88	20.74	21.50
5	16QAM	1	24	20.69	20.75	20.66	21.50
5	16QAM	12	0	20.13	20.22	20.11	20.50
5	16QAM	12	7	20.29	20.17	20.16	20.50
5	16QAM	12	13	20.16	20.30	20.14	20.50
5	16QAM	25	0	20.32	20.34	20.24	20.50
5	64QAM	1	0	20.33	20.47	20.23	20.50
5	64QAM	1	12	20.17	20.45	20.31	20.50
5	64QAM	1	24	20.45	20.44	20.32	20.50
5	64QAM	12	0	19.10	19.11	19.07	19.50
5	64QAM	12	7	19.21	19.20	19.22	19.50
5	64QAM	12	13	19.18	19.16	19.22	19.50
5	64QAM	25	0	19.20	19.23	19.04	19.50
5	256QAM	1	0	17.09	17.10	17.15	17.50
5	256QAM	1	12	17.11	17.16	17.02	17.50
5	256QAM	1	24	17.12	17.35	17.31	17.50
5	256QAM	12	0	17.09	17.25	17.22	17.50
5	256QAM	12	7	17.09	17.11	17.14	17.50
5	256QAM	12	13	17.12	17.09	17.16	17.50
5	256QAM	25	0	17.25	17.23	17.11	17.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.67	20.77	20.72	22.50
3	QPSK	1	8	20.76	20.78	20.79	22.50
3	QPSK	1	14	20.78	20.77	20.76	22.50
3	QPSK	8	0	20.67	20.78	20.76	21.50
3	QPSK	8	4	20.75	20.87	20.83	21.50
3	QPSK	8	7	20.70	20.66	20.65	21.50
3	QPSK	15	0	20.62	20.81	20.77	21.50
3	16QAM	1	0	20.70	20.70	20.74	21.50
3	16QAM	1	8	20.62	20.87	20.84	21.50
3	16QAM	1	14	20.57	20.77	20.77	21.50
3	16QAM	8	0	20.20	20.19	20.08	20.50
3	16QAM	8	4	20.28	20.23	20.29	20.50
3	16QAM	8	7	20.02	20.19	20.18	20.50
3	16QAM	15	0	20.27	20.23	20.28	20.50
3	64QAM	1	0	20.35	20.37	20.22	20.50
3	64QAM	1	8	20.18	20.43	20.27	20.50
3	64QAM	1	14	20.41	20.41	20.28	20.50
3	64QAM	8	0	19.15	19.24	19.11	19.50
3	64QAM	8	4	19.19	19.30	19.27	19.50
3	64QAM	8	7	19.18	19.24	19.20	19.50
3	64QAM	15	0	19.23	19.29	19.11	19.50
3	256QAM	1	0	17.01	17.04	17.09	17.50
3	256QAM	1	8	17.17	17.17	17.08	17.50
3	256QAM	1	14	17.04	17.35	17.28	17.50
3	256QAM	8	0	17.16	17.23	17.26	17.50
3	256QAM	8	4	17.05	17.13	17.16	17.50
3	256QAM	8	7	17.12	17.15	17.17	17.50
3	256QAM	15	0	17.30	17.26	17.13	17.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.71	20.84	20.79	22.50
1.4	QPSK	1	3	20.81	20.79	20.84	22.50
1.4	QPSK	1	5	20.71	20.80	20.69	22.50
1.4	QPSK	3	0	20.72	20.79	20.79	22.50
1.4	QPSK	3	1	20.84	20.85	20.77	22.50
1.4	QPSK	3	3	20.78	20.64	20.61	22.50
1.4	QPSK	6	0	20.72	20.79	20.77	21.50

1.4	16QAM	1	0	20.76	20.71	20.80	21.50
1.4	16QAM	1	3	20.64	20.90	20.76	21.50
1.4	16QAM	1	5	20.69	20.77	20.78	21.50
1.4	16QAM	3	0	20.73	20.82	20.73	21.50
1.4	16QAM	3	1	20.76	20.89	20.83	21.50
1.4	16QAM	3	3	20.83	20.82	20.71	21.50
1.4	16QAM	6	0	20.27	20.17	20.31	20.50
1.4	64QAM	1	0	20.48	20.38	20.32	20.50
1.4	64QAM	1	3	20.27	20.37	20.30	20.50
1.4	64QAM	1	5	20.49	20.30	20.40	20.50
1.4	64QAM	3	0	20.07	20.24	20.19	20.50
1.4	64QAM	3	1	20.29	20.29	20.24	20.50
1.4	64QAM	3	3	20.31	20.21	20.27	20.50
1.4	64QAM	6	0	19.12	19.23	19.11	19.50
1.4	256QAM	1	0	17.13	17.15	17.06	17.50
1.4	256QAM	1	3	17.07	17.33	17.11	17.50
1.4	256QAM	1	5	17.03	17.24	17.31	17.50
1.4	256QAM	3	0	17.08	17.35	17.13	17.50
1.4	256QAM	3	1	17.07	17.12	17.12	17.50
1.4	256QAM	3	3	17.02	17.11	17.29	17.50
1.4	256QAM	6	0	17.11	17.31	17.09	17.50

【LTE Band 5_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.23		24.00
10	QPSK	1	25		22.38		24.00
10	QPSK	1	49		22.23		24.00
10	QPSK	25	0		21.31		23.00
10	QPSK	25	12		21.38		23.00
10	QPSK	25	25		21.32		23.00
10	QPSK	50	0		21.34		23.00
10	16QAM	1	0		21.64		23.00
10	16QAM	1	25		21.54		23.00
10	16QAM	1	49		21.52		23.00
10	16QAM	25	0		20.29		22.00
10	16QAM	25	12		20.32		22.00
10	16QAM	25	25		20.32		22.00
10	16QAM	50	0		20.36		22.00
10	64QAM	1	0		20.50		22.00
10	64QAM	1	25		20.46		22.00
10	64QAM	1	49		20.49		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.34		21.00
10	64QAM	25	25		19.31		21.00
10	64QAM	50	0		19.32		21.00
10	256QAM	1	0		17.15		19.00
10	256QAM	1	25		17.29		19.00
10	256QAM	1	49		17.41		19.00
10	256QAM	25	0		17.29		19.00
10	256QAM	25	12		17.17		19.00
10	256QAM	25	25		17.21		19.00
10	256QAM	50	0		17.33		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.03	22.20	22.04	24.00
5	QPSK	1	12	22.31	22.24	22.25	24.00
5	QPSK	1	24	22.00	22.15	22.08	24.00
5	QPSK	12	0	21.24	21.20	21.03	23.00
5	QPSK	12	7	21.25	21.30	21.24	23.00
5	QPSK	12	13	21.17	21.26	21.21	23.00
5	QPSK	25	0	21.14	21.32	21.25	23.00
5	16QAM	1	0	21.46	21.51	21.56	23.00
5	16QAM	1	12	21.39	21.51	21.35	23.00
5	16QAM	1	24	21.26	21.45	21.40	23.00
5	16QAM	12	0	20.13	20.22	20.11	22.00
5	16QAM	12	7	20.29	20.17	20.16	22.00
5	16QAM	12	13	20.16	20.30	20.14	22.00
5	16QAM	25	0	20.32	20.34	20.24	22.00
5	64QAM	1	0	20.33	20.47	20.23	22.00
5	64QAM	1	12	20.17	20.45	20.31	22.00

5	64QAM	1	24	20.45	20.44	20.32	22.00
5	64QAM	12	0	19.10	19.11	19.07	21.00
5	64QAM	12	7	19.21	19.20	19.22	21.00
5	64QAM	12	13	19.18	19.16	19.22	21.00
5	64QAM	25	0	19.20	19.23	19.04	21.00
5	256QAM	1	0	17.09	17.10	17.15	19.00
5	256QAM	1	12	17.11	17.16	17.02	19.00
5	256QAM	1	24	17.12	17.35	17.31	19.00
5	256QAM	12	0	17.09	17.25	17.22	19.00
5	256QAM	12	7	17.09	17.11	17.14	19.00
5	256QAM	12	13	17.12	17.09	17.16	19.00
5	256QAM	25	0	17.25	17.23	17.11	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.05	22.21	22.03	24.00
3	QPSK	1	8	22.30	22.34	22.15	24.00
3	QPSK	1	14	22.00	22.17	22.10	24.00
3	QPSK	8	0	21.15	21.23	21.08	23.00
3	QPSK	8	4	21.25	21.25	21.11	23.00
3	QPSK	8	7	21.24	21.26	21.15	23.00
3	QPSK	15	0	21.19	21.28	21.25	23.00
3	16QAM	1	0	21.51	21.54	21.60	23.00
3	16QAM	1	8	21.42	21.48	21.36	23.00
3	16QAM	1	14	21.30	21.43	21.30	23.00
3	16QAM	8	0	20.20	20.19	20.08	22.00
3	16QAM	8	4	20.28	20.23	20.29	22.00
3	16QAM	8	7	20.02	20.19	20.18	22.00
3	16QAM	15	0	20.27	20.23	20.28	22.00
3	64QAM	1	0	20.35	20.37	20.22	22.00
3	64QAM	1	8	20.18	20.43	20.27	22.00
3	64QAM	1	14	20.41	20.41	20.28	22.00
3	64QAM	8	0	19.15	19.24	19.11	21.00
3	64QAM	8	4	19.19	19.30	19.27	21.00
3	64QAM	8	7	19.18	19.24	19.20	21.00
3	64QAM	15	0	19.23	19.29	19.11	21.00
3	256QAM	1	0	17.01	17.04	17.09	19.00
3	256QAM	1	8	17.17	17.17	17.08	19.00
3	256QAM	1	14	17.04	17.35	17.28	19.00
3	256QAM	8	0	17.16	17.23	17.26	19.00
3	256QAM	8	4	17.05	17.13	17.16	19.00
3	256QAM	8	7	17.12	17.15	17.17	19.00
3	256QAM	15	0	17.30	17.26	17.13	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.16	22.13	22.08	24.00
1.4	QPSK	1	3	22.16	22.35	22.30	24.00
1.4	QPSK	1	5	22.12	22.22	22.03	24.00
1.4	QPSK	3	0	22.10	22.21	22.16	24.00
1.4	QPSK	3	1	22.27	22.27	22.22	24.00
1.4	QPSK	3	3	22.25	22.18	22.22	24.00
1.4	QPSK	6	0	21.09	21.28	21.28	23.00
1.4	16QAM	1	0	21.52	21.56	21.53	23.00
1.4	16QAM	1	3	21.38	21.51	21.45	23.00
1.4	16QAM	1	5	21.30	21.51	21.39	23.00
1.4	16QAM	3	0	21.13	21.33	21.19	23.00
1.4	16QAM	3	1	21.25	21.26	21.23	23.00
1.4	16QAM	3	3	21.05	21.29	21.27	23.00
1.4	16QAM	6	0	20.27	20.17	20.31	22.00
1.4	64QAM	1	0	20.48	20.38	20.32	22.00
1.4	64QAM	1	3	20.27	20.37	20.30	22.00
1.4	64QAM	1	5	20.49	20.30	20.40	22.00
1.4	64QAM	3	0	20.07	20.24	20.19	22.00
1.4	64QAM	3	1	20.29	20.29	20.24	22.00
1.4	64QAM	3	3	20.31	20.21	20.27	22.00
1.4	64QAM	6	0	19.12	19.23	19.11	21.00
1.4	256QAM	1	0	17.13	17.15	17.06	19.00
1.4	256QAM	1	3	17.07	17.33	17.11	19.00
1.4	256QAM	1	5	17.03	17.24	17.31	19.00
1.4	256QAM	3	0	17.08	17.35	17.13	19.00
1.4	256QAM	3	1	17.07	17.12	17.12	19.00
1.4	256QAM	3	3	17.02	17.11	17.29	19.00
1.4	256QAM	6	0	17.11	17.31	17.09	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		19.16		20.50
10	QPSK	1	25		19.24		20.50
10	QPSK	1	49		19.21		20.50
10	QPSK	25	0		19.06		20.50
10	QPSK	25	12		19.18		20.50
10	QPSK	25	25		19.03		20.50
10	QPSK	50	0		19.11		20.50
10	16QAM	1	0		19.16		20.50
10	16QAM	1	25		19.22		20.50
10	16QAM	1	49		19.19		20.50
10	16QAM	25	0		19.14		20.50
10	16QAM	25	12		19.14		20.50
10	16QAM	25	25		19.11		20.50
10	16QAM	50	0		19.10		20.50
10	64QAM	1	0		19.14		20.50
10	64QAM	1	25		19.22		20.50
10	64QAM	1	49		19.15		20.50
10	64QAM	25	0		19.21		20.50
10	64QAM	25	12		19.14		20.50
10	64QAM	25	25		19.13		20.50
10	64QAM	50	0		19.12		20.50
10	256QAM	1	0		17.93		19.00
10	256QAM	1	25		17.80		19.00
10	256QAM	1	49		17.81		19.00
10	256QAM	25	0		17.90		19.00
10	256QAM	25	12		17.78		19.00
10	256QAM	25	25		17.91		19.00
10	256QAM	50	0		17.89		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.98	19.11	18.99	20.50
5	QPSK	1	12	19.15	19.10	18.95	20.50
5	QPSK	1	24	19.03	19.13	18.94	20.50
5	QPSK	12	0	18.92	19.02	18.94	20.50
5	QPSK	12	7	19.03	19.17	19.01	20.50
5	QPSK	12	13	19.02	18.91	18.88	20.50
5	QPSK	25	0	18.97	18.96	18.86	20.50
5	16QAM	1	0	19.02	19.14	18.97	20.50
5	16QAM	1	12	19.10	19.21	18.98	20.50
5	16QAM	1	24	18.96	19.12	18.98	20.50
5	16QAM	12	0	18.95	19.08	18.91	20.50
5	16QAM	12	7	19.03	19.06	18.92	20.50
5	16QAM	12	13	18.95	18.97	18.94	20.50
5	16QAM	25	0	19.13	19.02	19.00	20.50
5	64QAM	1	0	19.10	19.08	18.95	20.50
5	64QAM	1	12	19.08	19.16	18.90	20.50
5	64QAM	1	24	18.95	19.02	19.02	20.50
5	64QAM	12	0	19.08	19.10	18.95	20.50
5	64QAM	12	7	19.05	18.99	18.98	20.50
5	64QAM	12	13	19.05	19.09	19.01	20.50
5	64QAM	25	0	18.94	19.05	19.01	20.50
5	256QAM	1	0	17.72	17.86	17.84	19.00
5	256QAM	1	12	17.63	17.76	17.63	19.00
5	256QAM	1	24	17.58	17.74	17.75	19.00
5	256QAM	12	0	17.61	17.80	17.69	19.00
5	256QAM	12	7	17.67	17.70	17.56	19.00
5	256QAM	12	13	17.84	17.87	17.73	19.00
5	256QAM	25	0	17.64	17.83	17.80	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	19.00	19.10	18.92	20.50
3	QPSK	1	8	19.09	19.20	19.01	20.50
3	QPSK	1	14	18.99	19.16	18.82	20.50
3	QPSK	8	0	18.93	18.93	18.97	20.50
3	QPSK	8	4	19.06	19.06	18.96	20.50
3	QPSK	8	7	18.97	18.97	18.83	20.50
3	QPSK	15	0	19.09	19.08	18.98	20.50
3	16QAM	1	0	19.05	19.11	18.95	20.50
3	16QAM	1	8	19.06	19.16	19.06	20.50

3	16QAM	1	14	18.93	19.14	18.85	20.50
3	16QAM	8	0	18.99	19.04	18.93	20.50
3	16QAM	8	4	19.05	19.12	19.00	20.50
3	16QAM	8	7	18.97	19.02	18.98	20.50
3	16QAM	15	0	19.16	18.98	18.98	20.50
3	64QAM	1	0	19.14	19.10	18.94	20.50
3	64QAM	1	8	19.11	19.10	18.91	20.50
3	64QAM	1	14	19.03	19.12	19.02	20.50
3	64QAM	8	0	19.05	19.06	18.96	20.50
3	64QAM	8	4	19.00	19.05	18.93	20.50
3	64QAM	8	7	18.96	19.05	19.03	20.50
3	64QAM	15	0	19.02	19.04	19.04	20.50
3	256QAM	1	0	17.73	17.88	17.78	19.00
3	256QAM	1	8	17.63	17.79	17.63	19.00
3	256QAM	1	14	17.64	17.74	17.71	19.00
3	256QAM	8	0	17.73	17.79	17.68	19.00
3	256QAM	8	4	17.66	17.70	17.58	19.00
3	256QAM	8	7	17.71	17.80	17.77	19.00
3	256QAM	15	0	17.74	17.77	17.70	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.98	19.02	18.94	20.50
1.4	QPSK	1	3	19.05	19.15	19.07	20.50
1.4	QPSK	1	5	18.96	19.11	18.90	20.50
1.4	QPSK	3	0	18.89	19.00	18.95	20.50
1.4	QPSK	3	1	19.15	19.12	18.94	20.50
1.4	QPSK	3	3	18.97	19.02	18.92	20.50
1.4	QPSK	6	0	18.99	19.04	18.85	20.50
1.4	16QAM	1	0	19.11	19.07	18.90	20.50
1.4	16QAM	1	3	19.02	19.09	18.94	20.50
1.4	16QAM	1	5	19.04	19.18	18.98	20.50
1.4	16QAM	3	0	19.02	19.09	18.92	20.50
1.4	16QAM	3	1	19.06	19.10	18.95	20.50
1.4	16QAM	3	3	18.98	19.06	19.03	20.50
1.4	16QAM	6	0	19.14	18.95	18.86	20.50
1.4	64QAM	1	0	19.05	19.08	18.96	20.50
1.4	64QAM	1	3	19.13	19.20	18.89	20.50
1.4	64QAM	1	5	19.02	19.12	19.01	20.50
1.4	64QAM	3	0	19.11	19.18	18.98	20.50
1.4	64QAM	3	1	19.05	18.99	18.91	20.50
1.4	64QAM	3	3	18.96	19.12	18.95	20.50
1.4	64QAM	6	0	18.95	19.10	19.07	20.50
1.4	256QAM	1	0	17.63	17.71	17.84	19.00
1.4	256QAM	1	3	17.51	17.58	17.51	19.00
1.4	256QAM	1	5	17.50	17.63	17.75	19.00
1.4	256QAM	3	0	17.52	17.65	17.51	19.00
1.4	256QAM	3	1	17.45	17.59	17.41	19.00
1.4	256QAM	3	3	17.74	17.63	17.71	19.00
1.4	256QAM	6	0	17.68	17.74	17.64	19.00

【LTE Band 5_Ant 4_PA_Reference Designator_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				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		21.18		22.50
10	QPSK	1	25		21.29		22.50
10	QPSK	1	49		21.17		22.50
10	QPSK	25	0		21.24		22.50
10	QPSK	25	12		21.25		22.50
10	QPSK	25	25		21.23		22.50
10	QPSK	50	0		21.19		22.50
10	16QAM	1	0		21.16		22.50
10	16QAM	1	25		21.25		22.50
10	16QAM	1	49		21.26		22.50
10	16QAM	25	0		20.66		22.00
10	16QAM	25	12		20.71		22.00
10	16QAM	25	25		20.75		22.00
10	16QAM	50	0		20.66		22.00
10	64QAM	1	0		20.64		22.00
10	64QAM	1	25		20.63		22.00
10	64QAM	1	49		20.53		22.00
10	64QAM	25	0		19.77		21.00

10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.84		21.00
10	64QAM	50	0		19.68		21.00
10	256QAM	1	0		17.93		19.00
10	256QAM	1	25		17.80		19.00
10	256QAM	1	49		17.81		19.00
10	256QAM	25	0		17.90		19.00
10	256QAM	25	12		17.78		19.00
10	256QAM	25	25		17.91		19.00
10	256QAM	50	0		17.89		19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	20.97	21.13	20.96	22.50
5	QPSK	1	12	21.05	21.16	21.19	22.50
5	QPSK	1	24	20.98	21.11	20.97	22.50
5	QPSK	12	0	21.00	21.09	20.96	22.50
5	QPSK	12	7	21.00	21.14	21.13	22.50
5	QPSK	12	13	20.96	21.13	20.97	22.50
5	QPSK	25	0	20.94	21.10	20.95	22.50
5	16QAM	1	0	21.01	21.08	20.98	22.50
5	16QAM	1	12	21.02	21.24	21.16	22.50
5	16QAM	1	24	21.02	21.22	21.03	22.50
5	16QAM	12	0	20.59	20.55	20.49	22.00
5	16QAM	12	7	20.50	20.60	20.47	22.00
5	16QAM	12	13	20.73	20.64	20.57	22.00
5	16QAM	25	0	20.47	20.55	20.56	22.00
5	64QAM	1	0	20.47	20.51	20.54	22.00
5	64QAM	1	12	20.42	20.59	20.47	22.00
5	64QAM	1	24	20.42	20.47	20.45	22.00
5	64QAM	12	0	19.60	19.67	19.69	21.00
5	64QAM	12	7	19.69	19.66	19.59	21.00
5	64QAM	12	13	19.63	19.69	19.69	21.00
5	64QAM	25	0	19.53	19.55	19.53	21.00
5	256QAM	1	0	17.72	17.86	17.84	19.00
5	256QAM	1	12	17.63	17.76	17.63	19.00
5	256QAM	1	24	17.58	17.74	17.75	19.00
5	256QAM	12	0	17.61	17.80	17.69	19.00
5	256QAM	12	7	17.67	17.70	17.56	19.00
5	256QAM	12	13	17.84	17.87	17.73	19.00
5	256QAM	25	0	17.64	17.83	17.80	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.92	21.11	21.09	22.50
3	QPSK	1	8	21.07	21.14	21.11	22.50
3	QPSK	1	14	21.02	21.04	21.01	22.50
3	QPSK	8	0	20.95	21.22	20.95	22.50
3	QPSK	8	4	21.00	21.23	21.04	22.50
3	QPSK	8	7	20.96	21.09	20.94	22.50
3	QPSK	15	0	20.89	21.09	20.95	22.50
3	16QAM	1	0	21.05	21.11	20.98	22.50
3	16QAM	1	8	21.03	21.24	21.04	22.50
3	16QAM	1	14	21.11	21.21	21.00	22.50
3	16QAM	8	0	20.57	20.59	20.48	22.00
3	16QAM	8	4	20.63	20.63	20.57	22.00
3	16QAM	8	7	20.69	20.72	20.52	22.00
3	16QAM	15	0	20.54	20.54	20.55	22.00
3	64QAM	1	0	20.46	20.50	20.54	22.00
3	64QAM	1	8	20.43	20.50	20.53	22.00
3	64QAM	1	14	20.42	20.44	20.43	22.00
3	64QAM	8	0	19.66	19.69	19.73	21.00
3	64QAM	8	4	19.65	19.65	19.65	21.00
3	64QAM	8	7	19.77	19.80	19.65	21.00
3	64QAM	15	0	19.51	19.59	19.44	21.00
3	256QAM	1	0	17.73	17.88	17.78	19.00
3	256QAM	1	8	17.63	17.79	17.63	19.00
3	256QAM	1	14	17.64	17.74	17.71	19.00
3	256QAM	8	0	17.73	17.79	17.68	19.00
3	256QAM	8	4	17.66	17.70	17.58	19.00
3	256QAM	8	7	17.71	17.80	17.77	19.00
3	256QAM	15	0	17.74	17.77	17.70	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.91	21.05	21.03	22.50
1.4	QPSK	1	3	21.05	21.26	21.08	22.50
1.4	QPSK	1	5	21.00	21.13	21.05	22.50
1.4	QPSK	3	0	20.94	21.09	20.97	22.50
1.4	QPSK	3	1	21.12	21.25	21.10	22.50
1.4	QPSK	3	3	20.97	21.07	20.96	22.50

1.4	QPSK	6	0	20.91	21.22	20.94	22.50
1.4	16QAM	1	0	21.02	21.22	21.03	22.50
1.4	16QAM	1	3	20.84	21.11	20.88	22.50
1.4	16QAM	1	5	20.96	21.10	21.01	22.50
1.4	16QAM	3	0	21.03	21.11	21.04	22.00
1.4	16QAM	3	1	20.99	21.15	21.07	22.00
1.4	16QAM	3	3	21.12	21.17	20.97	22.00
1.4	16QAM	6	0	20.39	20.47	20.42	22.00
1.4	64QAM	1	0	20.43	20.34	20.37	22.00
1.4	64QAM	1	3	20.33	20.59	20.45	22.00
1.4	64QAM	1	5	20.28	20.39	20.43	22.00
1.4	64QAM	3	0	20.47	20.50	20.69	21.00
1.4	64QAM	3	1	20.47	20.58	20.69	21.00
1.4	64QAM	3	3	20.57	20.68	20.52	21.00
1.4	64QAM	6	0	19.43	19.52	19.45	21.00
1.4	256QAM	1	0	17.63	17.71	17.84	19.00
1.4	256QAM	1	3	17.51	17.58	17.51	19.00
1.4	256QAM	1	5	17.50	17.63	17.75	19.00
1.4	256QAM	3	0	17.52	17.65	17.51	19.00
1.4	256QAM	3	1	17.45	17.59	17.41	19.00
1.4	256QAM	3	3	17.74	17.63	17.71	19.00
1.4	256QAM	6	0	17.68	17.74	17.64	19.00

【LTE Band 5_Ant 4_PA_Reference Designator_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		22.79		24.00
10	QPSK	1	25		22.82		24.00
10	QPSK	1	49		22.68		24.00
10	QPSK	25	0		21.67		23.00
10	QPSK	25	12		21.71		23.00
10	QPSK	25	25		21.63		23.00
10	QPSK	50	0		21.67		23.00
10	16QAM	1	0		21.75		23.00
10	16QAM	1	25		21.78		23.00
10	16QAM	1	49		21.67		23.00
10	16QAM	25	0		20.66		22.00
10	16QAM	25	12		20.71		22.00
10	16QAM	25	25		20.75		22.00
10	16QAM	50	0		20.66		22.00
10	64QAM	1	0		20.64		22.00
10	64QAM	1	25		20.63		22.00
10	64QAM	1	49		20.53		22.00
10	64QAM	25	0		19.77		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.84		21.00
10	64QAM	50	0		19.68		21.00
10	256QAM	1	0		17.93		19.00
10	256QAM	1	25		17.80		19.00
10	256QAM	1	49		17.81		19.00
10	256QAM	25	0		17.90		19.00
10	256QAM	25	12		17.78		19.00
10	256QAM	25	25		17.91		19.00
10	256QAM	50	0		17.89		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.72	22.69	22.51	24.00
5	QPSK	1	12	22.73	22.79	22.55	24.00
5	QPSK	1	24	22.52	22.65	22.51	24.00
5	QPSK	12	0	21.54	21.66	21.48	23.00
5	QPSK	12	7	21.51	21.60	21.54	23.00
5	QPSK	12	13	21.47	21.61	21.53	23.00
5	QPSK	25	0	21.47	21.54	21.57	23.00
5	16QAM	1	0	21.54	21.73	21.53	23.00
5	16QAM	1	12	21.59	21.69	21.56	23.00
5	16QAM	1	24	21.51	21.60	21.56	23.00
5	16QAM	12	0	20.59	20.55	20.49	22.00
5	16QAM	12	7	20.50	20.60	20.47	22.00
5	16QAM	12	13	20.73	20.64	20.57	22.00
5	16QAM	25	0	20.47	20.55	20.56	22.00
5	64QAM	1	0	20.47	20.51	20.54	22.00



5	64QAM	1	12	20.42	20.59	20.47	22.00
5	64QAM	1	24	20.42	20.47	20.45	22.00
5	64QAM	12	0	19.60	19.67	19.69	21.00
5	64QAM	12	7	19.69	19.66	19.59	21.00
5	64QAM	12	13	19.63	19.69	19.69	21.00
5	64QAM	25	0	19.53	19.55	19.53	21.00
5	256QAM	1	0	17.72	17.86	17.84	19.00
5	256QAM	1	12	17.63	17.76	17.63	19.00
5	256QAM	1	24	17.58	17.74	17.75	19.00
5	256QAM	12	0	17.61	17.80	17.69	19.00
5	256QAM	12	7	17.67	17.70	17.56	19.00
5	256QAM	12	13	17.84	17.87	17.73	19.00
5	256QAM	25	0	17.64	17.83	17.80	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.61	22.68	22.59	24.00
3	QPSK	1	8	22.75	22.72	22.64	24.00
3	QPSK	1	14	22.45	22.65	22.51	24.00
3	QPSK	8	0	21.55	21.57	21.44	23.00
3	QPSK	8	4	21.53	21.58	21.59	23.00
3	QPSK	8	7	21.59	21.62	21.50	23.00
3	QPSK	15	0	21.41	21.61	21.55	23.00
3	16QAM	1	0	21.53	21.66	21.52	23.00
3	16QAM	1	8	21.69	21.71	21.56	23.00
3	16QAM	1	14	21.43	21.59	21.47	23.00
3	16QAM	8	0	20.57	20.59	20.48	22.00
3	16QAM	8	4	20.63	20.63	20.57	22.00
3	16QAM	8	7	20.69	20.72	20.52	22.00
3	16QAM	15	0	20.54	20.54	20.55	22.00
3	64QAM	1	0	20.46	20.50	20.54	22.00
3	64QAM	1	8	20.43	20.50	20.53	22.00
3	64QAM	1	14	20.42	20.44	20.43	22.00
3	64QAM	8	0	19.66	19.69	19.73	21.00
3	64QAM	8	4	19.65	19.65	19.65	21.00
3	64QAM	8	7	19.77	19.80	19.65	21.00
3	64QAM	15	0	19.51	19.59	19.44	21.00
3	256QAM	1	0	17.73	17.88	17.78	19.00
3	256QAM	1	8	17.63	17.79	17.63	19.00
3	256QAM	1	14	17.64	17.74	17.71	19.00
3	256QAM	8	0	17.73	17.79	17.68	19.00
3	256QAM	8	4	17.66	17.70	17.58	19.00
3	256QAM	8	7	17.71	17.80	17.77	19.00
3	256QAM	15	0	17.74	17.77	17.70	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.61	22.56	22.51	24.00
1.4	QPSK	1	3	22.50	22.61	22.50	24.00
1.4	QPSK	1	5	22.34	22.49	22.39	24.00
1.4	QPSK	3	0	22.32	22.53	22.36	24.00
1.4	QPSK	3	1	22.42	22.55	22.48	24.00
1.4	QPSK	3	3	22.36	22.55	22.40	24.00
1.4	QPSK	6	0	21.38	21.58	21.31	23.00
1.4	16QAM	1	0	21.43	21.58	21.41	23.00
1.4	16QAM	1	3	21.50	21.63	21.53	23.00
1.4	16QAM	1	5	21.49	21.56	21.50	23.00
1.4	16QAM	3	0	21.47	21.41	21.37	23.00
1.4	16QAM	3	1	21.51	21.50	21.34	23.00
1.4	16QAM	3	3	21.58	21.53	21.47	23.00
1.4	16QAM	6	0	20.39	20.47	20.42	22.00
1.4	64QAM	1	0	20.43	20.34	20.37	22.00
1.4	64QAM	1	3	20.33	20.59	20.45	22.00
1.4	64QAM	1	5	20.28	20.39	20.43	22.00
1.4	64QAM	3	0	20.47	20.50	20.69	22.00
1.4	64QAM	3	1	20.47	20.58	20.69	22.00
1.4	64QAM	3	3	20.57	20.68	20.52	22.00
1.4	64QAM	6	0	19.43	19.52	19.45	21.00
1.4	256QAM	1	0	17.63	17.71	17.84	19.00
1.4	256QAM	1	3	17.51	17.58	17.51	19.00
1.4	256QAM	1	5	17.50	17.63	17.75	19.00
1.4	256QAM	3	0	17.52	17.65	17.51	19.00
1.4	256QAM	3	1	17.45	17.59	17.41	19.00
1.4	256QAM	3	3	17.74	17.63	17.71	19.00
1.4	256QAM	6	0	17.68	17.74	17.64	19.00

【LTE Band 5_Ant 4_PA_Reference Designator_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		20.79		22.00
10	QPSK	1	25		20.82		22.00
10	QPSK	1	49		20.78		22.00
10	QPSK	25	0		20.68		22.00
10	QPSK	25	12		20.76		22.00
10	QPSK	25	25		20.72		22.00
10	QPSK	50	0		20.75		22.00
10	16QAM	1	0		20.72		22.00
10	16QAM	1	25		20.79		22.00
10	16QAM	1	49		20.67		22.00
10	16QAM	25	0		20.68		22.00
10	16QAM	25	12		20.70		22.00
10	16QAM	25	25		20.78		22.00
10	16QAM	50	0		20.81		22.00
10	64QAM	1	0		20.76		22.00
10	64QAM	1	25		20.68		22.00
10	64QAM	1	49		20.78		22.00
10	64QAM	25	0		19.77		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.84		21.00
10	64QAM	50	0		19.68		21.00
10	256QAM	1	0		17.93		19.00
10	256QAM	1	25		17.80		19.00
10	256QAM	1	49		17.81		19.00
10	256QAM	25	0		17.90		19.00
10	256QAM	25	12		17.78		19.00
10	256QAM	25	25		17.91		19.00
10	256QAM	50	0		17.89		19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	20.66	20.73	20.66	22.00
5	QPSK	1	12	20.61	20.73	20.61	22.00
5	QPSK	1	24	20.51	20.77	20.51	22.00
5	QPSK	12	0	20.37	20.64	20.37	22.00
5	QPSK	12	7	20.53	20.67	20.53	22.00
5	QPSK	12	13	20.50	20.65	20.50	22.00
5	QPSK	25	0	20.54	20.61	20.54	22.00
5	16QAM	1	0	20.56	20.61	20.56	22.00
5	16QAM	1	12	20.45	20.78	20.45	22.00
5	16QAM	1	24	20.66	20.55	20.66	22.00
5	16QAM	12	0	20.52	20.62	20.52	22.00
5	16QAM	12	7	20.56	20.65	20.56	22.00
5	16QAM	12	13	20.59	20.74	20.59	22.00
5	16QAM	25	0	20.55	20.70	20.55	22.00
5	64QAM	1	0	20.48	20.66	20.48	22.00
5	64QAM	1	12	20.42	20.60	20.42	22.00
5	64QAM	1	24	20.59	20.74	20.59	22.00
5	64QAM	12	0	19.60	19.67	19.60	21.00
5	64QAM	12	7	19.69	19.66	19.69	21.00
5	64QAM	12	13	19.63	19.69	19.63	21.00
5	64QAM	25	0	19.53	19.55	19.53	21.00
5	256QAM	1	0	17.72	17.86	17.72	19.00
5	256QAM	1	12	17.63	17.76	17.63	19.00
5	256QAM	1	24	17.58	17.74	17.58	19.00
5	256QAM	12	0	17.61	17.80	17.61	19.00
5	256QAM	12	7	17.67	17.70	17.67	19.00
5	256QAM	12	13	17.84	17.87	17.84	19.00
5	256QAM	25	0	17.64	17.83	17.64	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	20.66	20.72	20.66	22.00
3	QPSK	1	8	20.63	20.80	20.63	22.00
3	QPSK	1	14	20.48	20.70	20.48	22.00
3	QPSK	8	0	20.44	20.57	20.44	22.00
3	QPSK	8	4	20.60	20.65	20.60	22.00
3	QPSK	8	7	20.40	20.70	20.40	22.00
3	QPSK	15	0	20.54	20.68	20.54	22.00
3	16QAM	1	0	20.52	20.57	20.52	22.00
3	16QAM	1	8	20.45	20.65	20.45	22.00
3	16QAM	1	14	20.58	20.66	20.58	22.00
3	16QAM	8	0	20.57	20.56	20.57	22.00
3	16QAM	8	4	20.58	20.59	20.58	22.00

3	16QAM	8	7	20.65	20.63	20.65	22.00
3	16QAM	15	0	20.53	20.80	20.53	22.00
3	64QAM	1	0	20.48	20.66	20.48	22.00
3	64QAM	1	8	20.43	20.62	20.43	22.00
3	64QAM	1	14	20.60	20.73	20.60	22.00
3	64QAM	8	0	19.66	19.69	19.66	21.00
3	64QAM	8	4	19.65	19.65	19.65	21.00
3	64QAM	8	7	19.77	19.80	19.77	21.00
3	64QAM	15	0	19.51	19.59	19.51	21.00
3	256QAM	1	0	17.73	17.88	17.73	19.00
3	256QAM	1	8	17.63	17.79	17.63	19.00
3	256QAM	1	14	17.64	17.74	17.64	19.00
3	256QAM	8	0	17.73	17.79	17.73	19.00
3	256QAM	8	4	17.66	17.70	17.66	19.00
3	256QAM	8	7	17.71	17.80	17.71	19.00
3	256QAM	15	0	17.74	17.77	17.74	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	20.55	20.71	20.55	22.00
1.4	QPSK	1	3	20.61	20.77	20.61	22.00
1.4	QPSK	1	5	20.44	20.75	20.44	22.00
1.4	QPSK	3	0	20.52	20.74	20.52	22.00
1.4	QPSK	3	1	20.68	20.81	20.68	22.00
1.4	QPSK	3	3	20.47	20.64	20.47	22.00
1.4	QPSK	6	0	20.40	20.62	20.40	22.00
1.4	16QAM	1	0	20.51	20.71	20.51	22.00
1.4	16QAM	1	3	20.54	20.64	20.54	22.00
1.4	16QAM	1	5	20.61	20.67	20.61	22.00
1.4	16QAM	3	0	20.52	20.61	20.52	22.00
1.4	16QAM	3	1	20.48	20.72	20.48	22.00
1.4	16QAM	3	3	20.55	20.53	20.55	22.00
1.4	16QAM	6	0	20.55	20.57	20.55	22.00
1.4	64QAM	1	0	20.47	20.57	20.47	22.00
1.4	64QAM	1	3	20.53	20.68	20.53	22.00
1.4	64QAM	1	5	20.61	20.77	20.61	22.00
1.4	64QAM	3	0	20.57	20.68	20.57	21.00
1.4	64QAM	3	1	20.45	20.65	20.45	21.00
1.4	64QAM	3	3	20.55	20.69	20.55	21.00
1.4	64QAM	6	0	19.43	19.52	19.43	21.00
1.4	256QAM	1	0	17.63	17.71	17.63	19.00
1.4	256QAM	1	3	17.51	17.58	17.51	19.00
1.4	256QAM	1	5	17.50	17.63	17.50	19.00
1.4	256QAM	3	0	17.52	17.65	17.52	19.00
1.4	256QAM	3	1	17.45	17.59	17.45	19.00
1.4	256QAM	3	3	17.74	17.63	17.74	19.00
1.4	256QAM	6	0	17.68	17.74	17.68	19.00

【LTE Band 5_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
10	QPSK	1	0		20.12		22.00
10	QPSK	1	25		20.19		22.00
10	QPSK	1	49		20.10		22.00
10	QPSK	25	0		20.07		22.00
10	QPSK	25	12		20.15		22.00
10	QPSK	25	25		20.05		22.00
10	QPSK	50	0		20.15		22.00
10	16QAM	1	0		20.15		22.00
10	16QAM	1	25		20.01		22.00
10	16QAM	1	49		20.13		22.00
10	16QAM	25	0		20.02		22.00
10	16QAM	25	12		20.12		22.00
10	16QAM	25	25		20.09		22.00
10	16QAM	50	0		20.11		22.00
10	64QAM	1	0		20.05		22.00
10	64QAM	1	25		20.05		22.00
10	64QAM	1	49		20.05		22.00
10	64QAM	25	0		19.26		21.00
10	64QAM	25	12		19.34		21.00
10	64QAM	25	25		19.31		21.00
10	64QAM	50	0		19.32		21.00

10	256QAM	1	0		17.15		19.00
10	256QAM	1	25		17.29		19.00
10	256QAM	1	49		17.41		19.00
10	256QAM	25	0		17.29		19.00
10	256QAM	25	12		17.17		19.00
10	256QAM	25	25		17.21		19.00
10	256QAM	50	0		17.33		19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	20.16	20.04	20.13	22.00
5	QPSK	1	12	20.13	20.16	20.04	22.00
5	QPSK	1	24	20.10	20.14	20.03	22.00
5	QPSK	12	0	20.07	20.00	20.13	22.00
5	QPSK	12	7	20.17	20.13	20.18	22.00
5	QPSK	12	13	20.06	20.09	20.02	22.00
5	QPSK	25	0	20.14	20.00	20.17	22.00
5	16QAM	1	0	20.03	20.05	20.00	22.00
5	16QAM	1	12	20.04	20.13	20.13	22.00
5	16QAM	1	24	20.14	20.17	20.15	22.00
5	16QAM	12	0	20.18	20.13	20.07	22.00
5	16QAM	12	7	20.11	20.06	20.14	22.00
5	16QAM	12	13	20.18	20.18	20.12	22.00
5	16QAM	25	0	20.10	20.13	20.16	22.00
5	64QAM	1	0	20.09	20.02	20.03	22.00
5	64QAM	1	12	20.13	20.16	20.10	22.00
5	64QAM	1	24	20.03	20.14	20.16	22.00
5	64QAM	12	0	19.10	19.11	19.07	21.00
5	64QAM	12	7	19.21	19.20	19.22	21.00
5	64QAM	12	13	19.18	19.16	19.22	21.00
5	64QAM	25	0	19.20	19.23	19.04	21.00
5	256QAM	1	0	17.09	17.10	17.15	19.00
5	256QAM	1	12	17.11	17.16	17.02	19.00
5	256QAM	1	24	17.12	17.35	17.31	19.00
5	256QAM	12	0	17.09	17.25	17.22	19.00
5	256QAM	12	7	17.09	17.11	17.14	19.00
5	256QAM	12	13	17.12	17.09	17.16	19.00
5	256QAM	25	0	17.25	17.23	17.11	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.08	20.03	20.00	22.00
3	QPSK	1	8	20.12	20.05	20.04	22.00
3	QPSK	1	14	20.09	20.13	20.08	22.00
3	QPSK	8	0	20.02	20.04	20.10	22.00
3	QPSK	8	4	20.13	20.03	20.11	22.00
3	QPSK	8	7	20.15	20.02	20.04	22.00
3	QPSK	15	0	20.06	20.15	20.18	22.00
3	16QAM	1	0	20.07	20.12	20.11	22.00
3	16QAM	1	8	20.17	20.09	20.13	22.00
3	16QAM	1	14	20.12	20.18	20.15	22.00
3	16QAM	8	0	20.13	20.18	20.05	22.00
3	16QAM	8	4	20.18	20.13	20.12	22.00
3	16QAM	8	7	20.13	20.04	20.07	22.00
3	16QAM	15	0	20.06	20.01	20.05	22.00
3	64QAM	1	0	20.18	20.18	20.10	22.00
3	64QAM	1	8	20.18	20.01	20.03	22.00
3	64QAM	1	14	20.04	20.10	20.13	22.00
3	64QAM	8	0	19.15	19.24	19.11	21.00
3	64QAM	8	4	19.19	19.30	19.27	21.00
3	64QAM	8	7	19.18	19.24	19.20	21.00
3	64QAM	15	0	19.23	19.29	19.11	21.00
3	256QAM	1	0	17.01	17.04	17.09	19.00
3	256QAM	1	8	17.17	17.17	17.08	19.00
3	256QAM	1	14	17.04	17.35	17.28	19.00
3	256QAM	8	0	17.16	17.23	17.26	19.00
3	256QAM	8	4	17.05	17.13	17.16	19.00
3	256QAM	8	7	17.12	17.15	17.17	19.00
3	256QAM	15	0	17.30	17.26	17.13	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.03	20.08	20.01	22.00
1.4	QPSK	1	3	20.14	20.04	20.03	22.00
1.4	QPSK	1	5	20.00	20.04	20.11	22.00
1.4	QPSK	3	0	20.19	20.06	20.03	22.00
1.4	QPSK	3	1	20.13	20.12	20.12	22.00
1.4	QPSK	3	3	20.04	20.16	20.12	22.00
1.4	QPSK	6	0	20.00	20.13	20.13	22.00
1.4	16QAM	1	0	20.06	20.01	20.13	22.00
1.4	16QAM	1	3	20.05	20.13	20.03	22.00

1.4	16QAM	1	5	20.06	20.04	20.14	22.00
1.4	16QAM	3	0	20.02	20.10	20.14	22.00
1.4	16QAM	3	1	20.18	20.18	20.07	22.00
1.4	16QAM	3	3	20.13	20.17	20.05	22.00
1.4	16QAM	6	0	20.13	20.01	20.07	22.00
1.4	64QAM	1	0	20.13	20.13	20.11	22.00
1.4	64QAM	1	3	20.04	20.16	20.02	22.00
1.4	64QAM	1	5	20.09	20.06	20.15	22.00
1.4	64QAM	3	0	20.18	20.15	20.17	21.00
1.4	64QAM	3	1	20.13	20.09	20.04	21.00
1.4	64QAM	3	3	20.15	20.01	20.15	21.00
1.4	64QAM	6	0	19.19	19.30	19.27	21.00
1.4	256QAM	1	0	17.13	17.15	17.06	19.00
1.4	256QAM	1	3	17.07	17.33	17.11	19.00
1.4	256QAM	1	5	17.03	17.24	17.31	19.00
1.4	256QAM	3	0	17.08	17.35	17.13	19.00
1.4	256QAM	3	1	17.07	17.12	17.12	19.00
1.4	256QAM	3	3	17.02	17.11	17.29	19.00
1.4	256QAM	6	0	17.11	17.31	17.09	19.00

【LTE Band 7_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.99	23.12	23.10	24.00
20	QPSK	1	49	23.13	23.21	23.12	24.00
20	QPSK	1	99	23.01	23.07	22.97	24.00
20	QPSK	50	0	21.99	22.14	22.03	23.00
20	QPSK	50	24	22.13	22.17	22.14	23.00
20	QPSK	50	50	22.03	22.16	22.08	23.00
20	QPSK	100	0	22.05	22.15	22.12	23.00
20	16QAM	1	0	22.25	22.30	22.20	23.00
20	16QAM	1	49	22.41	22.44	22.29	23.00
20	16QAM	1	99	22.31	22.36	22.27	23.00
20	16QAM	50	0	21.02	21.12	21.05	22.00
20	16QAM	50	24	21.16	21.20	21.15	22.00
20	16QAM	50	50	20.97	21.00	20.94	22.00
20	16QAM	100	0	20.92	21.02	20.91	22.00
20	64QAM	1	0	21.04	21.18	21.16	22.00
20	64QAM	1	49	21.34	21.47	21.38	22.00
20	64QAM	1	99	21.17	21.22	21.16	22.00
20	64QAM	50	0	19.97	20.10	20.00	21.00
20	64QAM	50	24	20.10	20.14	20.13	21.00
20	64QAM	50	50	20.07	20.21	20.11	21.00
20	64QAM	100	0	20.14	20.15	20.10	21.00
20	256QAM	1	0	18.04	18.04	18.06	19.00
20	256QAM	1	49	18.17	18.26	18.09	19.00
20	256QAM	1	99	18.05	18.40	18.36	19.00
20	256QAM	50	0	18.18	18.25	18.12	19.00
20	256QAM	50	24	18.07	18.09	18.09	19.00
20	256QAM	50	50	18.10	18.10	18.07	19.00
20	256QAM	100	0	18.21	18.25	18.23	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.88	23.08	23.01	24.00
15	QPSK	1	37	22.99	23.07	23.00	24.00
15	QPSK	1	74	22.87	23.02	22.85	24.00
15	QPSK	36	0	21.87	22.06	21.91	23.00
15	QPSK	36	20	22.00	22.16	22.05	23.00
15	QPSK	36	39	22.00	22.10	22.06	23.00
15	QPSK	75	0	22.03	22.06	22.00	23.00
15	16QAM	1	0	22.11	22.18	22.12	23.00
15	16QAM	1	37	22.26	22.37	22.25	23.00
15	16QAM	1	74	22.16	22.29	22.19	23.00
15	16QAM	36	0	20.94	20.98	20.91	22.00
15	16QAM	36	20	21.04	21.12	21.01	22.00
15	16QAM	36	39	20.85	20.85	20.85	22.00
15	16QAM	75	0	20.91	20.96	20.81	22.00
15	64QAM	1	0	20.96	21.16	21.08	22.00
15	64QAM	1	37	21.21	21.33	21.25	22.00
15	64QAM	1	74	21.16	21.12	21.09	22.00
15	64QAM	36	0	19.87	20.06	19.99	21.00

15	64QAM	36	20	20.09	20.02	19.98	21.00
15	64QAM	36	39	20.05	20.13	19.97	21.00
15	64QAM	75	0	20.07	20.04	19.98	21.00
15	256QAM	1	0	18.03	18.01	17.93	19.00
15	256QAM	1	37	18.07	18.23	18.02	19.00
15	256QAM	1	74	18.01	18.29	18.28	19.00
15	256QAM	36	0	18.16	18.17	18.06	19.00
15	256QAM	36	20	17.95	18.05	17.94	19.00
15	256QAM	36	39	17.96	17.96	17.92	19.00
15	256QAM	75	0	18.19	18.21	18.19	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.90	23.03	23.07	24.00
10	QPSK	1	25	23.03	23.10	23.02	24.00
10	QPSK	1	49	22.97	23.02	22.94	24.00
10	QPSK	25	0	21.93	22.05	21.94	23.00
10	QPSK	25	12	22.02	22.14	22.03	23.00
10	QPSK	25	25	21.92	22.02	21.98	23.00
10	QPSK	50	0	22.03	22.08	22.02	23.00
10	16QAM	1	0	22.15	22.29	22.13	23.00
10	16QAM	1	25	22.33	22.37	22.21	23.00
10	16QAM	1	49	22.27	22.28	22.22	23.00
10	16QAM	25	0	20.97	21.11	20.90	22.00
10	16QAM	25	12	21.09	21.16	21.12	22.00
10	16QAM	25	25	20.84	20.97	20.86	22.00
10	16QAM	50	0	20.87	20.92	20.89	22.00
10	64QAM	1	0	20.97	21.09	21.14	22.00
10	64QAM	1	25	21.24	21.43	21.30	22.00
10	64QAM	1	49	21.14	21.16	21.13	22.00
10	64QAM	25	0	19.92	20.06	19.94	21.00
10	64QAM	25	12	20.03	20.09	20.12	21.00
10	64QAM	25	25	19.96	20.08	20.03	21.00
10	64QAM	50	0	20.13	20.03	20.04	21.00
10	256QAM	1	0	17.89	17.97	18.04	19.00
10	256QAM	1	25	18.11	18.16	17.99	19.00
10	256QAM	1	49	17.92	18.28	18.23	19.00
10	256QAM	25	0	18.10	18.13	18.08	19.00
10	256QAM	25	12	17.93	17.97	18.02	19.00
10	256QAM	25	25	17.95	17.98	18.00	19.00
10	256QAM	50	0	18.10	18.17	18.09	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.85	23.05	23.05	24.00
5	QPSK	1	12	23.00	23.09	22.98	24.00
5	QPSK	1	24	22.86	23.01	22.87	24.00
5	QPSK	12	0	21.85	22.07	22.01	23.00
5	QPSK	12	7	21.99	22.10	22.00	23.00
5	QPSK	12	13	21.91	22.11	21.95	23.00
5	QPSK	25	0	22.04	22.04	21.99	23.00
5	16QAM	1	0	22.22	22.20	22.17	23.00
5	16QAM	1	12	22.37	22.42	22.15	23.00
5	16QAM	1	24	22.22	22.35	22.24	23.00
5	16QAM	12	0	20.96	20.97	20.97	22.00
5	16QAM	12	7	21.06	21.14	21.10	22.00
5	16QAM	12	13	20.96	20.94	20.92	22.00
5	16QAM	25	0	20.91	21.01	20.86	22.00
5	64QAM	1	0	20.90	21.11	21.06	22.00
5	64QAM	1	12	21.30	21.42	21.31	22.00
5	64QAM	1	24	21.11	21.17	21.02	22.00
5	64QAM	12	0	19.91	19.96	19.85	21.00
5	64QAM	12	7	20.03	20.02	20.12	21.00
5	64QAM	12	13	20.01	20.14	19.96	21.00
5	64QAM	25	0	20.04	20.03	19.98	21.00
5	256QAM	1	0	17.94	17.91	18.01	19.00
5	256QAM	1	12	18.12	18.23	17.97	19.00
5	256QAM	1	24	18.02	18.30	18.27	19.00
5	256QAM	12	0	18.04	18.24	18.05	19.00
5	256QAM	12	7	18.00	17.95	17.96	19.00
5	256QAM	12	13	18.04	18.03	17.94	19.00
5	256QAM	25	0	18.08	18.14	18.15	19.00

【LTE Band 7_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.54	18.67	18.60	20.00
20	QPSK	1	49	18.56	18.68	18.63	20.00
20	QPSK	1	99	18.52	18.56	18.47	20.00
20	QPSK	50	0	18.44	18.65	18.51	20.00
20	QPSK	50	24	18.52	18.66	18.60	20.00
20	QPSK	50	50	18.48	18.59	18.48	20.00
20	QPSK	100	0	18.45	18.60	18.54	20.00
20	16QAM	1	0	18.53	18.55	18.61	20.00
20	16QAM	1	49	18.52	18.53	18.50	20.00
20	16QAM	1	99	18.41	18.60	18.56	20.00
20	16QAM	50	0	18.46	18.52	18.51	20.00
20	16QAM	50	24	18.46	18.60	18.47	20.00
20	16QAM	50	50	18.41	18.56	18.56	20.00
20	16QAM	100	0	18.43	18.62	18.49	20.00
20	64QAM	1	0	18.54	18.54	18.58	20.00
20	64QAM	1	49	18.55	18.52	18.47	20.00
20	64QAM	1	99	18.42	18.60	18.61	20.00
20	64QAM	50	0	18.49	18.61	18.56	20.00
20	64QAM	50	24	18.46	18.65	18.50	20.00
20	64QAM	50	50	18.47	18.62	18.57	20.00
20	64QAM	100	0	18.41	18.57	18.58	20.00
20	256QAM	1	0	18.04	18.04	18.06	19.00
20	256QAM	1	49	18.17	18.26	18.09	19.00
20	256QAM	1	99	18.05	18.40	18.36	19.00
20	256QAM	50	0	18.18	18.25	18.12	19.00
20	256QAM	50	24	18.07	18.09	18.09	19.00
20	256QAM	50	50	18.10	18.10	18.07	19.00
20	256QAM	100	0	18.21	18.25	18.23	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.48	18.66	18.47	20.00
15	QPSK	1	37	18.50	18.56	18.60	20.00
15	QPSK	1	74	18.51	18.49	18.40	20.00
15	QPSK	36	0	18.36	18.61	18.39	20.00
15	QPSK	36	20	18.37	18.65	18.58	20.00
15	QPSK	36	39	18.43	18.46	18.32	20.00
15	QPSK	75	0	18.39	18.59	18.46	20.00
15	16QAM	1	0	18.45	18.50	18.56	20.00
15	16QAM	1	37	18.40	18.51	18.48	20.00
15	16QAM	1	74	18.32	18.47	18.48	20.00
15	16QAM	36	0	18.32	18.40	18.42	20.00
15	16QAM	36	20	18.37	18.46	18.38	20.00
15	16QAM	36	39	18.27	18.52	18.51	20.00
15	16QAM	75	0	18.42	18.54	18.35	20.00
15	64QAM	1	0	18.40	18.42	18.44	20.00
15	64QAM	1	37	18.45	18.42	18.36	20.00
15	64QAM	1	74	18.37	18.57	18.52	20.00
15	64QAM	36	0	18.33	18.56	18.40	20.00
15	64QAM	36	20	18.43	18.49	18.35	20.00
15	64QAM	36	39	18.37	18.54	18.46	20.00
15	64QAM	75	0	18.33	18.51	18.46	20.00
15	256QAM	1	0	18.03	18.01	17.93	19.00
15	256QAM	1	37	18.07	18.23	18.02	19.00
15	256QAM	1	74	18.01	18.29	18.28	19.00
15	256QAM	36	0	18.16	18.17	18.06	19.00
15	256QAM	36	20	17.95	18.05	17.94	19.00
15	256QAM	36	39	17.96	17.96	17.92	19.00
15	256QAM	75	0	18.19	18.21	18.19	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.45	18.64	18.59	20.00
10	QPSK	1	25	18.50	18.57	18.48	20.00
10	QPSK	1	49	18.37	18.51	18.42	20.00
10	QPSK	25	0	18.33	18.50	18.37	20.00
10	QPSK	25	12	18.39	18.64	18.49	20.00
10	QPSK	25	25	18.45	18.45	18.43	20.00
10	QPSK	50	0	18.43	18.57	18.50	20.00
10	16QAM	1	0	18.50	18.45	18.51	20.00
10	16QAM	1	25	18.37	18.47	18.48	20.00

10	16QAM	1	49	18.39	18.56	18.50	20.00
10	16QAM	25	0	18.33	18.44	18.45	20.00
10	16QAM	25	12	18.31	18.49	18.39	20.00
10	16QAM	25	25	18.30	18.48	18.41	20.00
10	16QAM	50	0	18.30	18.48	18.36	20.00
10	64QAM	1	0	18.46	18.40	18.55	20.00
10	64QAM	1	25	18.44	18.45	18.44	20.00
10	64QAM	1	49	18.33	18.47	18.54	20.00
10	64QAM	25	0	18.47	18.47	18.44	20.00
10	64QAM	25	12	18.35	18.61	18.40	20.00
10	64QAM	25	25	18.40	18.49	18.45	20.00
10	64QAM	50	0	18.25	18.54	18.44	20.00
10	256QAM	1	0	17.89	17.97	18.04	19.00
10	256QAM	1	25	18.11	18.16	17.99	19.00
10	256QAM	1	49	17.92	18.28	18.23	19.00
10	256QAM	25	0	18.10	18.13	18.08	19.00
10	256QAM	25	12	17.93	17.97	18.02	19.00
10	256QAM	25	25	17.95	17.98	18.00	19.00
10	256QAM	50	0	18.10	18.17	18.09	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.45	18.58	18.57	20.00
5	QPSK	1	12	18.41	18.66	18.57	20.00
5	QPSK	1	24	18.49	18.51	18.34	20.00
5	QPSK	12	0	18.29	18.56	18.47	20.00
5	QPSK	12	7	18.40	18.52	18.54	20.00
5	QPSK	12	13	18.47	18.46	18.42	20.00
5	QPSK	25	0	18.42	18.48	18.53	20.00
5	16QAM	1	0	18.41	18.50	18.47	20.00
5	16QAM	1	12	18.50	18.47	18.45	20.00
5	16QAM	1	24	18.37	18.51	18.46	20.00
5	16QAM	12	0	18.45	18.51	18.47	20.00
5	16QAM	12	7	18.35	18.44	18.37	20.00
5	16QAM	12	13	18.32	18.52	18.50	20.00
5	16QAM	25	0	18.33	18.55	18.34	20.00
5	64QAM	1	0	18.44	18.48	18.51	20.00
5	64QAM	1	12	18.40	18.46	18.37	20.00
5	64QAM	1	24	18.26	18.53	18.60	20.00
5	64QAM	12	0	18.38	18.49	18.48	20.00
5	64QAM	12	7	18.36	18.57	18.36	20.00
5	64QAM	12	13	18.38	18.52	18.41	20.00
5	64QAM	25	0	18.25	18.43	18.45	20.00
5	256QAM	1	0	17.94	17.91	18.01	19.00
5	256QAM	1	12	18.12	18.23	17.97	19.00
5	256QAM	1	24	18.02	18.30	18.27	19.00
5	256QAM	12	0	18.04	18.24	18.05	19.00
5	256QAM	12	7	18.00	17.95	17.96	19.00
5	256QAM	12	13	18.04	18.03	17.94	19.00
5	256QAM	25	0	18.08	18.14	18.15	19.00

【LTE Band 7_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.54	18.67	18.60	20.00
20	QPSK	1	49	18.56	18.68	18.63	20.00
20	QPSK	1	99	18.52	18.56	18.47	20.00
20	QPSK	50	0	18.44	18.65	18.51	20.00
20	QPSK	50	24	18.52	18.66	18.60	20.00
20	QPSK	50	50	18.48	18.59	18.48	20.00
20	QPSK	100	0	18.45	18.60	18.54	20.00
20	16QAM	1	0	18.53	18.55	18.61	20.00
20	16QAM	1	49	18.52	18.53	18.50	20.00
20	16QAM	1	99	18.41	18.60	18.56	20.00
20	16QAM	50	0	18.46	18.52	18.51	20.00
20	16QAM	50	24	18.46	18.60	18.47	20.00
20	16QAM	50	50	18.41	18.56	18.56	20.00
20	16QAM	100	0	18.43	18.62	18.49	20.00
20	64QAM	1	0	18.54	18.54	18.58	20.00
20	64QAM	1	49	18.55	18.52	18.47	20.00
20	64QAM	1	99	18.42	18.60	18.61	20.00
20	64QAM	50	0	18.49	18.61	18.56	20.00

20	64QAM	50	24	18.46	18.65	18.50	20.00
20	64QAM	50	50	18.47	18.62	18.57	20.00
20	64QAM	100	0	18.41	18.57	18.58	20.00
20	256QAM	1	0	18.04	18.04	18.06	19.00
20	256QAM	1	49	18.17	18.26	18.09	19.00
20	256QAM	1	99	18.05	18.40	18.36	19.00
20	256QAM	50	0	18.18	18.25	18.12	19.00
20	256QAM	50	24	18.07	18.09	18.09	19.00
20	256QAM	50	50	18.10	18.10	18.07	19.00
20	256QAM	100	0	18.21	18.25	18.23	19.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	18.48	18.66	18.47	20.00
15	QPSK	1	37	18.50	18.56	18.60	20.00
15	QPSK	1	74	18.51	18.49	18.40	20.00
15	QPSK	36	0	18.36	18.61	18.39	20.00
15	QPSK	36	20	18.37	18.65	18.58	20.00
15	QPSK	36	39	18.43	18.46	18.32	20.00
15	QPSK	75	0	18.39	18.59	18.46	20.00
15	16QAM	1	0	18.45	18.50	18.56	20.00
15	16QAM	1	37	18.40	18.51	18.48	20.00
15	16QAM	1	74	18.32	18.47	18.48	20.00
15	16QAM	36	0	18.32	18.40	18.42	20.00
15	16QAM	36	20	18.37	18.46	18.38	20.00
15	16QAM	36	39	18.27	18.52	18.51	20.00
15	16QAM	75	0	18.42	18.54	18.35	20.00
15	64QAM	1	0	18.40	18.42	18.44	20.00
15	64QAM	1	37	18.45	18.42	18.36	20.00
15	64QAM	1	74	18.37	18.57	18.52	20.00
15	64QAM	36	0	18.33	18.56	18.40	20.00
15	64QAM	36	20	18.43	18.49	18.35	20.00
15	64QAM	36	39	18.37	18.54	18.46	20.00
15	64QAM	75	0	18.33	18.51	18.46	20.00
15	256QAM	1	0	18.03	18.01	17.93	19.00
15	256QAM	1	37	18.07	18.23	18.02	19.00
15	256QAM	1	74	18.01	18.29	18.28	19.00
15	256QAM	36	0	18.16	18.17	18.06	19.00
15	256QAM	36	20	17.95	18.05	17.94	19.00
15	256QAM	36	39	17.96	17.96	17.92	19.00
15	256QAM	75	0	18.19	18.21	18.19	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.45	18.64	18.59	20.00
10	QPSK	1	25	18.50	18.57	18.48	20.00
10	QPSK	1	49	18.37	18.51	18.42	20.00
10	QPSK	25	0	18.33	18.50	18.37	20.00
10	QPSK	25	12	18.39	18.64	18.49	20.00
10	QPSK	25	25	18.45	18.45	18.43	20.00
10	QPSK	50	0	18.43	18.57	18.50	20.00
10	16QAM	1	0	18.50	18.45	18.51	20.00
10	16QAM	1	25	18.37	18.47	18.48	20.00
10	16QAM	1	49	18.39	18.56	18.50	20.00
10	16QAM	25	0	18.33	18.44	18.45	20.00
10	16QAM	25	12	18.31	18.49	18.39	20.00
10	16QAM	25	25	18.30	18.48	18.41	20.00
10	16QAM	50	0	18.30	18.48	18.36	20.00
10	64QAM	1	0	18.46	18.40	18.55	20.00
10	64QAM	1	25	18.44	18.45	18.44	20.00
10	64QAM	1	49	18.33	18.47	18.54	20.00
10	64QAM	25	0	18.47	18.47	18.44	20.00
10	64QAM	25	12	18.35	18.61	18.40	20.00
10	64QAM	25	25	18.40	18.49	18.45	20.00
10	64QAM	50	0	18.25	18.54	18.44	20.00
10	256QAM	1	0	17.89	17.97	18.04	19.00
10	256QAM	1	25	18.11	18.16	17.99	19.00
10	256QAM	1	49	17.92	18.28	18.23	19.00
10	256QAM	25	0	18.10	18.13	18.08	19.00
10	256QAM	25	12	17.93	17.97	18.02	19.00
10	256QAM	25	25	17.95	17.98	18.00	19.00
10	256QAM	50	0	18.10	18.17	18.09	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.45	18.58	18.57	20.00
5	QPSK	1	12	18.41	18.66	18.57	20.00
5	QPSK	1	24	18.49	18.51	18.34	20.00
5	QPSK	12	0	18.29	18.56	18.47	20.00
5	QPSK	12	7	18.40	18.52	18.54	20.00
5	QPSK	12	13	18.47	18.46	18.42	20.00

5	QPSK	25	0	18.42	18.48	18.53	20.00
5	16QAM	1	0	18.41	18.50	18.47	20.00
5	16QAM	1	12	18.50	18.47	18.45	20.00
5	16QAM	1	24	18.37	18.51	18.46	20.00
5	16QAM	12	0	18.45	18.51	18.47	20.00
5	16QAM	12	7	18.35	18.44	18.37	20.00
5	16QAM	12	13	18.32	18.52	18.50	20.00
5	16QAM	25	0	18.33	18.55	18.34	20.00
5	64QAM	1	0	18.44	18.48	18.51	20.00
5	64QAM	1	12	18.40	18.46	18.37	20.00
5	64QAM	1	24	18.26	18.53	18.60	20.00
5	64QAM	12	0	18.38	18.49	18.48	20.00
5	64QAM	12	7	18.36	18.57	18.36	20.00
5	64QAM	12	13	18.38	18.52	18.41	20.00
5	64QAM	25	0	18.25	18.43	18.45	20.00
5	256QAM	1	0	17.94	17.91	18.01	19.00
5	256QAM	1	12	18.12	18.23	17.97	19.00
5	256QAM	1	24	18.02	18.30	18.27	19.00
5	256QAM	12	0	18.04	18.24	18.05	19.00
5	256QAM	12	7	18.00	17.95	17.96	19.00
5	256QAM	12	13	18.04	18.03	17.94	19.00
5	256QAM	25	0	18.08	18.14	18.15	19.00

【LTE Band 7_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.40	21.46	21.38	22.50
20	QPSK	1	49	21.43	21.50	21.40	22.50
20	QPSK	1	99	21.31	21.37	21.28	22.50
20	QPSK	50	0	21.37	21.41	21.31	22.50
20	QPSK	50	24	21.40	21.47	21.38	22.50
20	QPSK	50	50	21.35	21.35	21.33	22.50
20	QPSK	100	0	21.39	21.46	21.35	22.50
20	16QAM	1	0	21.32	21.36	21.39	22.50
20	16QAM	1	49	21.37	21.34	21.33	22.50
20	16QAM	1	99	21.35	21.45	21.31	22.50
20	16QAM	50	0	21.02	21.12	21.05	22.00
20	16QAM	50	24	21.16	21.20	21.15	22.00
20	16QAM	50	50	20.97	21.00	20.94	22.00
20	16QAM	100	0	20.92	21.02	20.91	22.00
20	64QAM	1	0	21.04	21.18	21.16	22.00
20	64QAM	1	49	21.34	21.47	21.38	22.00
20	64QAM	1	99	21.17	21.22	21.16	22.00
20	64QAM	50	0	19.97	20.10	20.00	21.00
20	64QAM	50	24	20.10	20.14	20.13	21.00
20	64QAM	50	50	20.07	20.21	20.11	21.00
20	64QAM	100	0	20.14	20.15	20.10	21.00
20	256QAM	1	0	18.04	18.04	18.06	19.00
20	256QAM	1	49	18.17	18.26	18.09	19.00
20	256QAM	1	99	18.05	18.40	18.36	19.00
20	256QAM	50	0	18.18	18.25	18.12	19.00
20	256QAM	50	24	18.07	18.09	18.09	19.00
20	256QAM	50	50	18.10	18.10	18.07	19.00
20	256QAM	100	0	18.21	18.25	18.23	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.34	21.32	21.32	22.50
15	QPSK	1	37	21.36	21.34	21.31	22.50
15	QPSK	1	74	21.20	21.36	21.15	22.50
15	QPSK	36	0	21.34	21.32	21.17	22.50
15	QPSK	36	20	21.31	21.33	21.29	22.50
15	QPSK	36	39	21.25	21.23	21.17	22.50
15	QPSK	75	0	21.35	21.35	21.27	22.50
15	16QAM	1	0	21.23	21.21	21.37	22.50
15	16QAM	1	37	21.21	21.19	21.32	22.50
15	16QAM	1	74	21.29	21.31	21.23	22.50
15	16QAM	36	0	20.94	20.98	20.91	22.00
15	16QAM	36	20	21.04	21.12	21.01	22.00
15	16QAM	36	39	20.85	20.85	20.85	22.00
15	16QAM	75	0	20.91	20.96	20.81	22.00
15	64QAM	1	0	20.96	21.16	21.08	22.00

15	64QAM	1	37	21.21	21.33	21.25	22.00
15	64QAM	1	74	21.16	21.12	21.09	22.00
15	64QAM	36	0	19.87	20.06	19.99	21.00
15	64QAM	36	20	20.09	20.02	19.98	21.00
15	64QAM	36	39	20.05	20.13	19.97	21.00
15	64QAM	75	0	20.07	20.04	19.98	21.00
15	256QAM	1	0	18.03	18.01	17.93	19.00
15	256QAM	1	37	18.07	18.23	18.02	19.00
15	256QAM	1	74	18.01	18.29	18.28	19.00
15	256QAM	36	0	18.16	18.17	18.06	19.00
15	256QAM	36	20	17.95	18.05	17.94	19.00
15	256QAM	36	39	17.96	17.96	17.92	19.00
15	256QAM	75	0	18.19	18.21	18.19	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	21.28	21.33	21.36	22.50
10	QPSK	1	25	21.42	21.44	21.38	22.50
10	QPSK	1	49	21.16	21.28	21.20	22.50
10	QPSK	25	0	21.31	21.28	21.16	22.50
10	QPSK	25	12	21.36	21.39	21.36	22.50
10	QPSK	25	25	21.22	21.32	21.19	22.50
10	QPSK	50	0	21.25	21.33	21.23	22.50
10	16QAM	1	0	21.18	21.27	21.28	22.50
10	16QAM	1	25	21.21	21.30	21.26	22.50
10	16QAM	1	49	21.29	21.44	21.21	22.50
10	16QAM	25	0	20.97	21.11	20.90	22.00
10	16QAM	25	12	21.09	21.16	21.12	22.00
10	16QAM	25	25	20.84	20.97	20.86	22.00
10	16QAM	50	0	20.87	20.92	20.89	22.00
10	64QAM	1	0	20.97	21.09	21.14	22.00
10	64QAM	1	25	21.24	21.43	21.30	22.00
10	64QAM	1	49	21.14	21.16	21.13	22.00
10	64QAM	25	0	19.92	20.06	19.94	21.00
10	64QAM	25	12	20.03	20.09	20.12	21.00
10	64QAM	25	25	19.96	20.08	20.03	21.00
10	64QAM	50	0	20.13	20.03	20.04	21.00
10	256QAM	1	0	17.89	17.97	18.04	19.00
10	256QAM	1	25	18.11	18.16	17.99	19.00
10	256QAM	1	49	17.92	18.28	18.23	19.00
10	256QAM	25	0	18.10	18.13	18.08	19.00
10	256QAM	25	12	17.93	17.97	18.02	19.00
10	256QAM	25	25	17.95	17.98	18.00	19.00
10	256QAM	50	0	18.10	18.17	18.09	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	21.36	21.44	21.36	22.50
5	QPSK	1	12	21.41	21.41	21.35	22.50
5	QPSK	1	24	21.21	21.31	21.21	22.50
5	QPSK	12	0	21.34	21.36	21.21	22.50
5	QPSK	12	7	21.35	21.43	21.33	22.50
5	QPSK	12	13	21.28	21.19	21.24	22.50
5	QPSK	25	0	21.38	21.39	21.26	22.50
5	16QAM	1	0	21.17	21.35	21.33	22.50
5	16QAM	1	12	21.33	21.21	21.18	22.50
5	16QAM	1	24	21.33	21.42	21.19	22.50
5	16QAM	12	0	20.96	20.97	20.97	22.00
5	16QAM	12	7	21.06	21.14	21.10	22.00
5	16QAM	12	13	20.96	20.94	20.92	22.00
5	16QAM	25	0	20.91	21.01	20.86	22.00
5	64QAM	1	0	20.90	21.11	21.06	22.00
5	64QAM	1	12	21.30	21.42	21.31	22.00
5	64QAM	1	24	21.11	21.17	21.02	22.00
5	64QAM	12	0	19.91	19.96	19.85	21.00
5	64QAM	12	7	20.03	20.02	20.12	21.00
5	64QAM	12	13	20.01	20.14	19.96	21.00
5	64QAM	25	0	20.04	20.03	19.98	21.00
5	256QAM	1	0	17.94	17.91	18.01	19.00
5	256QAM	1	12	18.12	18.23	17.97	19.00
5	256QAM	1	24	18.02	18.30	18.27	19.00
5	256QAM	12	0	18.04	18.24	18.05	19.00
5	256QAM	12	7	18.00	17.95	17.96	19.00
5	256QAM	12	13	18.04	18.03	17.94	19.00
5	256QAM	25	0	18.08	18.14	18.15	19.00

【LTE Band 7_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.99	23.12	23.10	24.00
20	QPSK	1	49	23.13	23.21	23.12	24.00
20	QPSK	1	99	23.01	23.07	22.97	24.00
20	QPSK	50	0	21.99	22.14	22.03	23.00
20	QPSK	50	24	22.13	22.17	22.14	23.00
20	QPSK	50	50	22.03	22.16	22.08	23.00
20	QPSK	100	0	22.05	22.15	22.12	23.00
20	16QAM	1	0	22.25	22.30	22.20	23.00
20	16QAM	1	49	22.41	22.44	22.29	23.00
20	16QAM	1	99	22.31	22.36	22.27	23.00
20	16QAM	50	0	21.02	21.12	21.05	22.00
20	16QAM	50	24	21.16	21.20	21.15	22.00
20	16QAM	50	50	20.97	21.00	20.94	22.00
20	16QAM	100	0	20.92	21.02	20.91	22.00
20	64QAM	1	0	21.04	21.18	21.16	22.00
20	64QAM	1	49	21.34	21.47	21.38	22.00
20	64QAM	1	99	21.17	21.22	21.16	22.00
20	64QAM	50	0	19.97	20.10	20.00	21.00
20	64QAM	50	24	20.10	20.14	20.13	21.00
20	64QAM	50	50	20.07	20.21	20.11	21.00
20	64QAM	100	0	20.14	20.15	20.10	21.00
20	256QAM	1	0	18.04	18.04	18.06	19.00
20	256QAM	1	49	18.17	18.26	18.09	19.00
20	256QAM	1	99	18.05	18.40	18.36	19.00
20	256QAM	50	0	18.18	18.25	18.12	19.00
20	256QAM	50	24	18.07	18.09	18.09	19.00
20	256QAM	50	50	18.10	18.10	18.07	19.00
20	256QAM	100	0	18.21	18.25	18.23	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.88	23.08	23.01	24.00
15	QPSK	1	37	22.99	23.07	23.00	24.00
15	QPSK	1	74	22.87	23.02	22.85	24.00
15	QPSK	36	0	21.87	22.06	21.91	23.00
15	QPSK	36	20	22.00	22.16	22.05	23.00
15	QPSK	36	39	22.00	22.10	22.06	23.00
15	QPSK	75	0	22.03	22.06	22.00	23.00
15	16QAM	1	0	22.11	22.18	22.12	23.00
15	16QAM	1	37	22.26	22.37	22.25	23.00
15	16QAM	1	74	22.16	22.29	22.19	23.00
15	16QAM	36	0	20.94	20.98	20.91	22.00
15	16QAM	36	20	21.04	21.12	21.01	22.00
15	16QAM	36	39	20.85	20.85	20.85	22.00
15	16QAM	75	0	20.91	20.96	20.81	22.00
15	64QAM	1	0	20.96	21.16	21.08	22.00
15	64QAM	1	37	21.21	21.33	21.25	22.00
15	64QAM	1	74	21.16	21.12	21.09	22.00
15	64QAM	36	0	19.87	20.06	19.99	21.00
15	64QAM	36	20	20.09	20.02	19.98	21.00
15	64QAM	36	39	20.05	20.13	19.97	21.00
15	64QAM	75	0	20.07	20.04	19.98	21.00
15	256QAM	1	0	18.03	18.01	17.93	19.00
15	256QAM	1	37	18.07	18.23	18.02	19.00
15	256QAM	1	74	18.01	18.29	18.28	19.00
15	256QAM	36	0	18.16	18.17	18.06	19.00
15	256QAM	36	20	17.95	18.05	17.94	19.00
15	256QAM	36	39	17.96	17.96	17.92	19.00
15	256QAM	75	0	18.19	18.21	18.19	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.90	23.03	23.07	24.00
10	QPSK	1	25	23.03	23.10	23.02	24.00
10	QPSK	1	49	22.97	23.02	22.94	24.00
10	QPSK	25	0	21.93	22.05	21.94	23.00
10	QPSK	25	12	22.02	22.14	22.03	23.00
10	QPSK	25	25	21.92	22.02	21.98	23.00
10	QPSK	50	0	22.03	22.08	22.02	23.00
10	16QAM	1	0	22.15	22.29	22.13	23.00
10	16QAM	1	25	22.33	22.37	22.21	23.00
10	16QAM	1	49	22.27	22.28	22.22	23.00
10	16QAM	25	0	20.97	21.11	20.90	22.00
10	16QAM	25	12	21.09	21.16	21.12	22.00

10	16QAM	25	25	20.84	20.97	20.86	22.00
10	16QAM	50	0	20.87	20.92	20.89	22.00
10	64QAM	1	0	20.97	21.09	21.14	22.00
10	64QAM	1	25	21.24	21.43	21.30	22.00
10	64QAM	1	49	21.14	21.16	21.13	22.00
10	64QAM	25	0	19.92	20.06	19.94	21.00
10	64QAM	25	12	20.03	20.09	20.12	21.00
10	64QAM	25	25	19.96	20.08	20.03	21.00
10	64QAM	50	0	20.13	20.03	20.04	21.00
10	256QAM	1	0	17.89	17.97	18.04	19.00
10	256QAM	1	25	18.11	18.16	17.99	19.00
10	256QAM	1	49	17.92	18.28	18.23	19.00
10	256QAM	25	0	18.10	18.13	18.08	19.00
10	256QAM	25	12	17.93	17.97	18.02	19.00
10	256QAM	25	25	17.95	17.98	18.00	19.00
10	256QAM	50	0	18.10	18.17	18.09	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.85	23.05	23.05	24.00
5	QPSK	1	12	23.00	23.09	22.98	24.00
5	QPSK	1	24	22.86	23.01	22.87	24.00
5	QPSK	12	0	21.85	22.07	22.01	23.00
5	QPSK	12	7	21.99	22.10	22.00	23.00
5	QPSK	12	13	21.91	22.11	21.95	23.00
5	QPSK	25	0	22.04	22.04	21.99	23.00
5	16QAM	1	0	22.22	22.20	22.17	23.00
5	16QAM	1	12	22.37	22.42	22.15	23.00
5	16QAM	1	24	22.22	22.35	22.24	23.00
5	16QAM	12	0	20.96	20.97	20.97	22.00
5	16QAM	12	7	21.06	21.14	21.10	22.00
5	16QAM	12	13	20.96	20.94	20.92	22.00
5	16QAM	25	0	20.91	21.01	20.86	22.00
5	64QAM	1	0	20.90	21.11	21.06	22.00
5	64QAM	1	12	21.30	21.42	21.31	22.00
5	64QAM	1	24	21.11	21.17	21.02	22.00
5	64QAM	12	0	19.91	19.96	19.85	21.00
5	64QAM	12	7	20.03	20.02	20.12	21.00
5	64QAM	12	13	20.01	20.14	19.96	21.00
5	64QAM	25	0	20.04	20.03	19.98	21.00
5	256QAM	1	0	17.94	17.91	18.01	19.00
5	256QAM	1	12	18.12	18.23	17.97	19.00
5	256QAM	1	24	18.02	18.30	18.27	19.00
5	256QAM	12	0	18.04	18.24	18.05	19.00
5	256QAM	12	7	18.00	17.95	17.96	19.00
5	256QAM	12	13	18.04	18.03	17.94	19.00
5	256QAM	25	0	18.08	18.14	18.15	19.00

【LTE Band 7_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.01	22.13	22.09	24.00
20	QPSK	1	49	22.16	22.23	22.21	24.00
20	QPSK	1	99	22.09	22.12	22.10	24.00
20	QPSK	50	0	21.10	21.25	21.24	23.00
20	QPSK	50	24	21.30	21.31	21.28	23.00
20	QPSK	50	50	21.07	21.22	21.27	23.00
20	QPSK	100	0	21.24	21.30	21.29	23.00
20	16QAM	1	0	21.07	21.19	21.19	23.00
20	16QAM	1	49	21.17	21.23	21.19	23.00
20	16QAM	1	99	21.12	21.24	21.23	23.00
20	16QAM	50	0	20.28	20.31	20.26	22.00
20	16QAM	50	24	20.24	20.28	20.30	22.00
20	16QAM	50	50	20.20	20.21	20.22	22.00
20	16QAM	100	0	20.20	20.31	20.32	22.00
20	64QAM	1	0	20.04	20.11	20.08	22.00
20	64QAM	1	49	20.05	20.19	20.16	22.00
20	64QAM	1	99	20.16	20.20	20.17	22.00
20	64QAM	50	0	19.10	19.23	19.31	21.00
20	64QAM	50	24	19.20	19.28	19.26	21.00
20	64QAM	50	50	19.15	19.21	19.23	21.00
20	64QAM	100	0	19.16	19.31	19.31	21.00

20	256QAM	1	0	17.15	17.29	17.34	19.00
20	256QAM	1	49	17.28	17.30	17.28	19.00
20	256QAM	1	99	17.21	17.28	17.25	19.00
20	256QAM	50	0	17.14	17.25	17.29	19.00
20	256QAM	50	24	17.20	17.28	17.36	19.00
20	256QAM	50	50	17.12	17.17	17.23	19.00
20	256QAM	100	0	17.14	17.23	17.30	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.00	22.02	22.06	24.00
15	QPSK	1	37	22.04	22.08	22.17	24.00
15	QPSK	1	74	22.04	22.08	22.06	24.00
15	QPSK	36	0	21.07	21.21	21.23	23.00
15	QPSK	36	20	21.26	21.20	21.25	23.00
15	QPSK	36	39	21.03	21.11	21.18	23.00
15	QPSK	75	0	21.23	21.21	21.25	23.00
15	16QAM	1	0	21.02	21.13	21.11	23.00
15	16QAM	1	37	21.02	21.20	21.05	23.00
15	16QAM	1	74	21.02	21.16	21.13	23.00
15	16QAM	36	0	20.23	20.16	20.14	22.00
15	16QAM	36	20	20.17	20.21	20.20	22.00
15	16QAM	36	39	20.16	20.08	20.13	22.00
15	16QAM	75	0	20.18	20.23	20.27	22.00
15	64QAM	1	0	20.01	20.08	20.08	22.00
15	64QAM	1	37	20.00	20.07	20.12	22.00
15	64QAM	1	74	20.07	20.16	20.03	22.00
15	64QAM	36	0	19.06	19.22	19.17	21.00
15	64QAM	36	20	19.17	19.16	19.12	21.00
15	64QAM	36	39	19.06	19.06	19.16	21.00
15	64QAM	75	0	19.15	19.21	19.26	21.00
15	256QAM	1	0	17.04	17.25	17.31	19.00
15	256QAM	1	37	17.17	17.25	17.16	19.00
15	256QAM	1	74	17.14	17.19	17.12	19.00
15	256QAM	36	0	17.06	17.17	17.15	19.00
15	256QAM	36	20	17.13	17.16	17.30	19.00
15	256QAM	36	39	17.09	17.12	17.19	19.00
15	256QAM	75	0	17.12	17.10	17.18	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.07	22.00	22.07	24.00
10	QPSK	1	25	22.03	22.21	22.11	24.00
10	QPSK	1	49	22.07	22.05	22.08	24.00
10	QPSK	25	0	21.05	21.23	21.16	23.00
10	QPSK	25	12	21.15	21.18	21.18	23.00
10	QPSK	25	25	21.05	21.18	21.24	23.00
10	QPSK	50	0	21.12	21.26	21.19	23.00
10	16QAM	1	0	21.04	21.04	21.09	23.00
10	16QAM	1	25	21.09	21.16	21.07	23.00
10	16QAM	1	49	21.04	21.18	21.16	23.00
10	16QAM	25	0	20.18	20.25	20.19	22.00
10	16QAM	25	12	20.19	20.22	20.24	22.00
10	16QAM	25	25	20.16	20.13	20.09	22.00
10	16QAM	50	0	20.10	20.19	20.26	22.00
10	64QAM	1	0	20.04	20.04	20.07	22.00
10	64QAM	1	25	20.02	20.12	20.05	22.00
10	64QAM	1	49	20.04	20.07	20.09	22.00
10	64QAM	25	0	19.09	19.12	19.25	21.00
10	64QAM	25	12	19.08	19.21	19.20	21.00
10	64QAM	25	25	19.13	19.11	19.13	21.00
10	64QAM	50	0	19.07	19.30	19.22	21.00
10	256QAM	1	0	17.13	17.23	17.33	19.00
10	256QAM	1	25	17.15	17.23	17.19	19.00
10	256QAM	1	49	17.16	17.22	17.14	19.00
10	256QAM	25	0	17.07	17.11	17.14	19.00
10	256QAM	25	12	17.07	17.22	17.29	19.00
10	256QAM	25	25	17.11	17.03	17.15	19.00
10	256QAM	50	0	17.13	17.08	17.24	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.00	22.05	22.08	24.00
5	QPSK	1	12	22.02	22.08	22.20	24.00
5	QPSK	1	24	22.00	22.05	22.01	24.00
5	QPSK	12	0	21.07	21.17	21.09	23.00
5	QPSK	12	7	21.21	21.16	21.19	23.00
5	QPSK	12	13	21.06	21.21	21.23	23.00
5	QPSK	25	0	21.19	21.25	21.28	23.00
5	16QAM	1	0	21.06	21.05	21.17	23.00
5	16QAM	1	12	21.13	21.15	21.08	23.00

5	16QAM	1	24	21.09	21.14	21.12	23.00
5	16QAM	12	0	20.17	20.22	20.16	22.00
5	16QAM	12	7	20.15	20.13	20.19	22.00
5	16QAM	12	13	20.11	20.09	20.09	22.00
5	16QAM	25	0	20.18	20.18	20.25	22.00
5	64QAM	1	0	20.01	20.06	20.06	22.00
5	64QAM	1	12	20.00	20.07	20.13	22.00
5	64QAM	1	24	20.05	20.10	20.05	22.00
5	64QAM	12	0	19.09	19.17	19.25	21.00
5	64QAM	12	7	19.08	19.17	19.20	21.00
5	64QAM	12	13	19.09	19.14	19.22	21.00
5	64QAM	25	0	19.06	19.16	19.28	21.00
5	256QAM	1	0	17.09	17.27	17.22	19.00
5	256QAM	1	12	17.20	17.26	17.13	19.00
5	256QAM	1	24	17.20	17.21	17.21	19.00
5	256QAM	12	0	17.05	17.13	17.15	19.00
5	256QAM	12	7	17.07	17.27	17.25	19.00
5	256QAM	12	13	17.08	17.11	17.11	19.00
5	256QAM	25	0	17.10	17.08	17.17	19.00

【LTE Band 7_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	10.80	10.74	10.80	12.50
20	QPSK	1	49	10.84	10.88	10.87	12.50
20	QPSK	1	99	10.75	10.75	10.80	12.50
20	QPSK	50	0	10.70	10.82	10.71	12.50
20	QPSK	50	24	10.79	10.83	10.79	12.50
20	QPSK	50	50	10.71	10.81	10.75	12.50
20	QPSK	100	0	10.72	10.81	10.77	12.50
20	16QAM	1	0	10.71	10.74	10.80	12.50
20	16QAM	1	49	10.83	10.87	10.85	12.50
20	16QAM	1	99	10.72	10.81	10.74	12.50
20	16QAM	50	0	10.82	10.79	10.73	12.50
20	16QAM	50	24	10.69	10.76	10.77	12.50
20	16QAM	50	50	10.78	10.79	10.84	12.50
20	16QAM	100	0	10.79	10.75	10.72	12.50
20	64QAM	1	0	10.74	10.80	10.80	12.50
20	64QAM	1	49	10.82	10.84	10.81	12.50
20	64QAM	1	99	10.69	10.76	10.86	12.50
20	64QAM	50	0	10.73	10.76	10.79	12.50
20	64QAM	50	24	10.69	10.73	10.77	12.50
20	64QAM	50	50	10.73	10.75	10.86	12.50
20	64QAM	100	0	10.76	10.76	10.73	12.50
20	256QAM	1	0	10.75	10.77	10.86	12.50
20	256QAM	1	49	10.78	10.75	10.82	12.50
20	256QAM	1	99	10.83	10.82	10.74	12.50
20	256QAM	50	0	10.83	10.76	10.72	12.50
20	256QAM	50	24	10.71	10.86	10.81	12.50
20	256QAM	50	50	10.77	10.84	10.85	12.50
20	256QAM	100	0	10.71	10.79	10.74	12.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	10.78	10.66	10.67	12.50
15	QPSK	1	37	10.69	10.83	10.75	12.50
15	QPSK	1	74	10.73	10.72	10.69	12.50
15	QPSK	36	0	10.58	10.77	10.56	12.50
15	QPSK	36	20	10.73	10.72	10.68	12.50
15	QPSK	36	39	10.58	10.68	10.60	12.50
15	QPSK	75	0	10.57	10.80	10.67	12.50
15	16QAM	1	0	10.56	10.60	10.70	12.50
15	16QAM	1	37	10.80	10.75	10.70	12.50
15	16QAM	1	74	10.61	10.66	10.65	12.50
15	16QAM	36	0	10.74	10.65	10.71	12.50
15	16QAM	36	20	10.56	10.63	10.65	12.50
15	16QAM	36	39	10.71	10.74	10.83	12.50
15	16QAM	75	0	10.74	10.64	10.63	12.50
15	64QAM	1	0	10.72	10.79	10.70	12.50
15	64QAM	1	37	10.73	10.73	10.68	12.50
15	64QAM	1	74	10.59	10.72	10.83	12.50
15	64QAM	36	0	10.67	10.66	10.70	12.50



15	64QAM	36	20	10.56	10.58	10.64	12.50
15	64QAM	36	39	10.62	10.74	10.83	12.50
15	64QAM	75	0	10.66	10.71	10.63	12.50
15	256QAM	1	0	10.63	10.65	10.75	12.50
15	256QAM	1	37	10.70	10.72	10.78	12.50
15	256QAM	1	74	10.70	10.69	10.73	12.50
15	256QAM	36	0	10.72	10.65	10.66	12.50
15	256QAM	36	20	10.70	10.81	10.66	12.50
15	256QAM	36	39	10.75	10.80	10.83	12.50
15	256QAM	75	0	10.63	10.69	10.59	12.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	10.68	10.69	10.72	12.50
10	QPSK	1	25	10.74	10.78	10.85	12.50
10	QPSK	1	49	10.70	10.66	10.70	12.50
10	QPSK	25	0	10.64	10.67	10.67	12.50
10	QPSK	25	12	10.68	10.70	10.69	12.50
10	QPSK	25	25	10.58	10.70	10.67	12.50
10	QPSK	50	0	10.71	10.74	10.68	12.50
10	16QAM	1	0	10.63	10.68	10.76	12.50
10	16QAM	1	25	10.76	10.82	10.75	12.50
10	16QAM	1	49	10.66	10.70	10.70	12.50
10	16QAM	25	0	10.75	10.69	10.64	12.50
10	16QAM	25	12	10.66	10.64	10.75	12.50
10	16QAM	25	25	10.70	10.68	10.82	12.50
10	16QAM	50	0	10.74	10.60	10.68	12.50
10	64QAM	1	0	10.66	10.77	10.68	12.50
10	64QAM	1	25	10.80	10.75	10.66	12.50
10	64QAM	1	49	10.68	10.61	10.84	12.50
10	64QAM	25	0	10.68	10.67	10.77	12.50
10	64QAM	25	12	10.68	10.72	10.67	12.50
10	64QAM	25	25	10.70	10.62	10.76	12.50
10	64QAM	50	0	10.72	10.64	10.66	12.50
10	256QAM	1	0	10.61	10.63	10.71	12.50
10	256QAM	1	25	10.69	10.74	10.73	12.50
10	256QAM	1	49	10.75	10.80	10.60	12.50
10	256QAM	25	0	10.80	10.75	10.68	12.50
10	256QAM	25	12	10.58	10.78	10.74	12.50
10	256QAM	25	25	10.74	10.83	10.84	12.50
10	256QAM	50	0	10.61	10.78	10.69	12.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	10.74	10.73	10.72	12.50
5	QPSK	1	12	10.82	10.87	10.72	12.50
5	QPSK	1	24	10.64	10.66	10.70	12.50
5	QPSK	12	0	10.67	10.74	10.60	12.50
5	QPSK	12	7	10.65	10.69	10.76	12.50
5	QPSK	12	13	10.68	10.74	10.72	12.50
5	QPSK	25	0	10.67	10.72	10.74	12.50
5	16QAM	1	0	10.56	10.61	10.65	12.50
5	16QAM	1	12	10.77	10.81	10.83	12.50
5	16QAM	1	24	10.64	10.69	10.62	12.50
5	16QAM	12	0	10.71	10.72	10.68	12.50
5	16QAM	12	7	10.67	10.72	10.63	12.50
5	16QAM	12	13	10.75	10.77	10.78	12.50
5	16QAM	25	0	10.68	10.65	10.70	12.50
5	64QAM	1	0	10.70	10.68	10.71	12.50
5	64QAM	1	12	10.81	10.76	10.67	12.50
5	64QAM	1	24	10.56	10.68	10.76	12.50
5	64QAM	12	0	10.72	10.71	10.69	12.50
5	64QAM	12	7	10.60	10.61	10.71	12.50
5	64QAM	12	13	10.63	10.60	10.82	12.50
5	64QAM	25	0	10.73	10.64	10.72	12.50
5	256QAM	1	0	10.69	10.62	10.75	12.50
5	256QAM	1	12	10.72	10.60	10.68	12.50
5	256QAM	1	24	10.79	10.68	10.66	12.50
5	256QAM	12	0	10.81	10.73	10.57	12.50
5	256QAM	12	7	10.61	10.81	10.72	12.50
5	256QAM	12	13	10.65	10.81	10.79	12.50
5	256QAM	25	0	10.57	10.75	10.64	12.50

【LTE Band 7_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	14.00
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	12.18	12.19	12.18	14.00
20	QPSK	1	49	12.26	12.32	12.31	14.00
20	QPSK	1	99	12.14	12.18	12.23	14.00
20	QPSK	50	0	12.14	12.20	12.11	14.00
20	QPSK	50	24	12.21	12.26	12.24	14.00
20	QPSK	50	50	12.11	12.16	12.11	14.00
20	QPSK	100	0	12.20	12.23	12.19	14.00
20	16QAM	1	0	12.19	12.27	12.24	14.00
20	16QAM	1	49	12.17	12.21	12.26	14.00
20	16QAM	1	99	12.24	12.27	12.30	14.00
20	16QAM	50	0	12.15	12.31	12.19	14.00
20	16QAM	50	24	12.11	12.28	12.27	14.00
20	16QAM	50	50	12.20	12.24	12.23	14.00
20	16QAM	100	0	12.11	12.23	12.25	14.00
20	64QAM	1	0	12.13	12.17	12.29	14.00
20	64QAM	1	49	12.15	12.29	12.20	14.00
20	64QAM	1	99	12.12	12.31	12.17	14.00
20	64QAM	50	0	12.12	12.30	12.20	14.00
20	64QAM	50	24	12.11	12.21	12.24	14.00
20	64QAM	50	50	12.19	12.27	12.19	14.00
20	64QAM	100	0	12.11	12.22	12.24	14.00
20	256QAM	1	0	12.14	12.18	12.16	14.00
20	256QAM	1	49	12.21	12.31	12.20	14.00
20	256QAM	1	99	12.16	12.28	12.18	14.00
20	256QAM	50	0	12.21	12.28	12.17	14.00
20	256QAM	50	24	12.11	12.24	12.25	14.00
20	256QAM	50	50	12.16	12.18	12.18	14.00
20	256QAM	100	0	12.24	12.18	12.28	14.00
Channel				20825	21100	21375	14.00
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	12.12	12.13	12.11	14.00
15	QPSK	1	37	12.19	12.19	12.16	14.00
15	QPSK	1	74	12.13	12.16	12.10	14.00
15	QPSK	36	0	12.06	12.06	12.05	14.00
15	QPSK	36	20	12.17	12.17	12.09	14.00
15	QPSK	36	39	12.03	12.11	12.06	14.00
15	QPSK	75	0	12.15	12.15	12.13	14.00
15	16QAM	1	0	12.10	12.22	12.22	14.00
15	16QAM	1	37	12.06	12.16	12.17	14.00
15	16QAM	1	74	12.17	12.18	12.20	14.00
15	16QAM	36	0	12.02	12.26	12.11	14.00
15	16QAM	36	20	12.06	12.14	12.17	14.00
15	16QAM	36	39	12.09	12.23	12.22	14.00
15	16QAM	75	0	12.08	12.22	12.17	14.00
15	64QAM	1	0	12.10	12.06	12.20	14.00
15	64QAM	1	37	12.05	12.16	12.11	14.00
15	64QAM	1	74	12.01	12.24	12.09	14.00
15	64QAM	36	0	12.09	12.25	12.08	14.00
15	64QAM	36	20	12.08	12.16	12.18	14.00
15	64QAM	36	39	12.04	12.22	12.14	14.00
15	64QAM	75	0	12.06	12.21	12.16	14.00
15	256QAM	1	0	12.12	12.09	12.06	14.00
15	256QAM	1	37	12.16	12.27	12.09	14.00
15	256QAM	1	74	12.02	12.24	12.06	14.00
15	256QAM	36	0	12.10	12.14	12.09	14.00
15	256QAM	36	20	12.10	12.12	12.13	14.00
15	256QAM	36	39	12.06	12.14	12.13	14.00
15	256QAM	75	0	12.22	12.07	12.14	14.00
Channel				20800	21100	21400	14.00
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	12.07	12.15	12.06	14.00
10	QPSK	1	25	12.17	12.31	12.18	14.00
10	QPSK	1	49	12.03	12.04	12.14	14.00
10	QPSK	25	0	12.00	12.06	12.03	14.00
10	QPSK	25	12	12.08	12.14	12.15	14.00
10	QPSK	25	25	12.08	12.01	12.02	14.00
10	QPSK	50	0	12.05	12.08	12.18	14.00
10	16QAM	1	0	12.13	12.19	12.23	14.00
10	16QAM	1	25	12.10	12.19	12.24	14.00
10	16QAM	1	49	12.09	12.14	12.28	14.00

10	16QAM	25	0	12.08	12.28	12.10	14.00
10	16QAM	25	12	12.08	12.23	12.14	14.00
10	16QAM	25	25	12.07	12.13	12.17	14.00
10	16QAM	50	0	12.08	12.19	12.15	14.00
10	64QAM	1	0	12.09	12.14	12.27	14.00
10	64QAM	1	25	12.00	12.23	12.09	14.00
10	64QAM	1	49	12.06	12.19	12.11	14.00
10	64QAM	25	0	12.07	12.21	12.16	14.00
10	64QAM	25	12	12.06	12.12	12.09	14.00
10	64QAM	25	25	12.10	12.20	12.12	14.00
10	64QAM	50	0	12.07	12.13	12.18	14.00
10	256QAM	1	0	12.02	12.17	12.01	14.00
10	256QAM	1	25	12.20	12.27	12.05	14.00
10	256QAM	1	49	12.02	12.27	12.17	14.00
10	256QAM	25	0	12.07	12.17	12.06	14.00
10	256QAM	25	12	12.07	12.17	12.13	14.00
10	256QAM	25	25	12.09	12.05	12.12	14.00
10	256QAM	50	0	12.18	12.03	12.22	14.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	12.04	12.12	12.10	14.00
5	QPSK	1	12	12.14	12.19	12.16	14.00
5	QPSK	1	24	12.13	12.04	12.12	14.00
5	QPSK	12	0	12.02	12.12	12.04	14.00
5	QPSK	12	7	12.12	12.12	12.09	14.00
5	QPSK	12	13	12.06	12.15	12.04	14.00
5	QPSK	25	0	12.16	12.22	12.12	14.00
5	16QAM	1	0	12.09	12.15	12.23	14.00
5	16QAM	1	12	12.06	12.17	12.11	14.00
5	16QAM	1	24	12.18	12.13	12.15	14.00
5	16QAM	12	0	12.04	12.29	12.08	14.00
5	16QAM	12	7	12.02	12.22	12.26	14.00
5	16QAM	12	13	12.17	12.11	12.15	14.00
5	16QAM	25	0	12.02	12.20	12.16	14.00
5	64QAM	1	0	12.11	12.02	12.27	14.00
5	64QAM	1	12	12.02	12.14	12.16	14.00
5	64QAM	1	24	12.07	12.17	12.13	14.00
5	64QAM	12	0	12.08	12.22	12.15	14.00
5	64QAM	12	7	12.05	12.07	12.14	14.00
5	64QAM	12	13	12.17	12.26	12.07	14.00
5	64QAM	25	0	12.06	12.12	12.14	14.00
5	256QAM	1	0	12.09	12.14	12.07	14.00
5	256QAM	1	12	12.17	12.26	12.17	14.00
5	256QAM	1	24	12.08	12.24	12.07	14.00
5	256QAM	12	0	12.16	12.25	12.10	14.00
5	256QAM	12	7	12.10	12.20	12.17	14.00
5	256QAM	12	13	12.13	12.06	12.17	14.00
5	256QAM	25	0	12.17	12.15	12.13	14.00

【LTE Band 7_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.16	17.30	17.24	19.00
20	QPSK	1	49	17.28	17.39	17.33	19.00
20	QPSK	1	99	17.15	17.36	17.19	19.00
20	QPSK	50	0	17.23	17.31	17.19	19.00
20	QPSK	50	24	17.26	17.33	17.28	19.00
20	QPSK	50	50	17.21	17.25	17.25	19.00
20	QPSK	100	0	17.24	17.32	17.23	19.00
20	16QAM	1	0	17.22	17.32	17.30	19.00
20	16QAM	1	49	17.18	17.28	17.32	19.00
20	16QAM	1	99	17.17	17.31	17.24	19.00
20	16QAM	50	0	17.18	17.31	17.19	19.00
20	16QAM	50	24	17.21	17.35	17.32	19.00
20	16QAM	50	50	17.13	17.29	17.24	19.00
20	16QAM	100	0	17.21	17.26	17.23	19.00
20	64QAM	1	0	17.13	17.36	17.20	19.00
20	64QAM	1	49	17.19	17.26	17.29	19.00
20	64QAM	1	99	17.22	17.26	17.27	19.00
20	64QAM	50	0	17.21	17.33	17.29	19.00
20	64QAM	50	24	17.21	17.37	17.18	19.00