



Appendix E. Output Power Measurement

< GSM Conducted Power >

【GSM850_Full Power】

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	32.11	32.22	32.13	33.50	23.11	23.22	23.13	24.50
GPRS 1 Tx slot	32.02	32.21	32.06	33.50	23.02	23.21	23.06	23.00
GPRS 2 Tx slots	30.71	30.81	30.70	32.00	24.71	24.81	24.70	26.00
GPRS 3 Tx slots	29.15	29.24	29.13	30.00	24.89	24.98	24.87	25.74
GPRS 4 Tx slots	27.53	27.76	27.54	28.50	24.53	24.76	24.54	25.50
EDGE 1 Tx slot	26.38	26.35	26.48	27.50	17.38	17.35	17.48	18.50
EDGE 2 Tx slots	24.71	24.61	24.71	25.50	18.71	18.61	18.71	19.50
EDGE 3 Tx slots	22.88	22.73	22.91	24.00	18.62	18.47	18.65	19.74
EDGE 4 Tx slots	20.89	20.90	20.97	22.00	17.89	17.90	17.97	19.00

【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	32.11	32.22	32.13	33.50	23.11	23.22	23.13	16.00
GPRS 1 Tx slot	32.02	32.21	32.06	33.50	23.02	23.21	23.06	16.00
GPRS 2 Tx slots	30.71	30.81	30.70	32.00	24.71	24.81	24.70	19.00
GPRS 3 Tx slots	29.15	29.24	29.13	30.00	24.89	24.98	24.87	20.74
GPRS 4 Tx slots	27.53	27.76	27.54	28.50	24.53	24.76	24.54	22.00
EDGE 1 Tx slot	26.38	26.35	26.48	27.50	17.38	17.35	17.48	16.00
EDGE 2 Tx slots	24.71	24.61	24.71	25.50	18.71	18.61	18.71	19.00
EDGE 3 Tx slots	22.88	22.73	22.91	24.00	18.62	18.47	18.65	20.74
EDGE 4 Tx slots	20.89	20.90	20.97	22.00	17.89	17.90	17.97	22.00

【GSM850_DSI 4 Body-worn】

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	32.11	32.22	32.13	33.50	23.11	23.22	23.13	16.00
GPRS 1 Tx slot	32.02	32.21	32.06	33.50	23.02	23.21	23.06	16.00
GPRS 2 Tx slots	30.71	30.81	30.70	32.00	24.71	24.81	24.70	19.00
GPRS 3 Tx slots	29.15	29.24	29.13	30.00	24.89	24.98	24.87	20.74
GPRS 4 Tx slots	27.53	27.76	27.54	28.50	24.53	24.76	24.54	22.00
EDGE 1 Tx slot	26.38	26.35	26.48	27.50	17.38	17.35	17.48	16.00
EDGE 2 Tx slots	24.71	24.61	24.71	25.50	18.71	18.61	18.71	19.00
EDGE 3 Tx slots	22.88	22.73	22.91	24.00	18.62	18.47	18.65	20.74
EDGE 4 Tx slots	20.89	20.90	20.97	22.00	17.89	17.90	17.97	22.00

【GSM850_DSI 4 Extremity】

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	32.11	32.22	32.13	33.50	23.11	23.22	23.13	16.00
GPRS 1 Tx slot	32.02	32.21	32.06	33.50	23.02	23.21	23.06	16.00
GPRS 2 Tx slots	30.71	30.81	30.70	32.00	24.71	24.81	24.70	19.00
GPRS 3 Tx slots	29.15	29.24	29.13	30.00	24.89	24.98	24.87	20.74
GPRS 4 Tx slots	27.53	27.76	27.54	28.50	24.53	24.76	24.54	22.00
EDGE 1 Tx slot	26.38	26.35	26.48	27.50	17.38	17.35	17.48	16.00
EDGE 2 Tx slots	24.71	24.61	24.71	25.50	18.71	18.61	18.71	19.00
EDGE 3 Tx slots	22.88	22.73	22.91	24.00	18.62	18.47	18.65	20.74
EDGE 4 Tx slots	20.89	20.90	20.97	22.00	17.89	17.90	17.97	22.00

【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	32.11	32.22	32.13	33.50	23.11	23.22	23.13	16.00
GPRS 1 Tx slot	32.02	32.21	32.06	33.50	23.02	23.21	23.06	16.00
GPRS 2 Tx slots	30.71	30.81	30.70	32.00	24.71	24.81	24.70	19.00
GPRS 3 Tx slots	29.15	29.24	29.13	30.00	24.89	24.98	24.87	20.74
GPRS 4 Tx slots	27.53	27.76	27.54	28.50	24.53	24.76	24.54	22.00
EDGE 1 Tx slot	26.38	26.35	26.48	27.50	17.38	17.35	17.48	16.00
EDGE 2 Tx slots	24.71	24.61	24.71	25.50	18.71	18.61	18.71	19.00
EDGE 3 Tx slots	22.88	22.73	22.91	24.00	18.62	18.47	18.65	20.74
EDGE 4 Tx slots	20.89	20.90	20.97	22.00	17.89	17.90	17.97	22.00

【GSM1900_Full Power】

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	29.55	29.48	29.57	30.50	20.55	20.48	20.57	21.50
GPRS 1 Tx slot	29.53	29.47	29.56	30.50	20.53	20.47	20.56	21.00
GPRS 2 Tx slots	27.78	27.85	28.02	29.00	21.78	21.85	22.02	23.00
GPRS 3 Tx slots	26.12	26.13	26.34	27.50	21.86	21.87	22.08	23.24
GPRS 4 Tx slots	24.51	24.48	24.75	25.50	21.51	21.48	21.75	22.50
EDGE 1 Tx slot	25.71	25.71	25.74	26.50	16.71	16.71	16.74	17.50
EDGE 2 Tx slots	23.92	23.98	24.01	25.00	17.92	17.98	18.01	19.00
EDGE 3 Tx slots	21.88	21.92	22.07	23.00	17.62	17.66	17.81	18.74
EDGE 4 Tx slots	19.82	19.87	19.98	21.00	16.82	16.87	16.98	18.00

【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	29.55	29.48	29.57	30.50	20.55	20.48	20.57	16.00
GPRS 1 Tx slot	29.53	29.47	29.56	30.50	20.53	20.47	20.56	16.00
GPRS 2 Tx slots	27.78	27.85	28.02	29.00	21.78	21.85	22.02	19.00
GPRS 3 Tx slots	26.12	26.13	26.34	27.50	21.86	21.87	22.08	20.74
GPRS 4 Tx slots	24.51	24.48	24.75	25.50	21.51	21.48	21.75	22.00
EDGE 1 Tx slot	25.71	25.71	25.74	26.50	16.71	16.71	16.74	16.00
EDGE 2 Tx slots	23.92	23.98	24.01	25.00	17.92	17.98	18.01	19.00
EDGE 3 Tx slots	21.88	21.92	22.07	23.00	17.62	17.66	17.81	20.74
EDGE 4 Tx slots	19.82	19.87	19.98	21.00	16.82	16.87	16.98	22.00

【GSM1900_DSI 4 Body-worn】

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	25.40	25.49	25.65	26.00	16.40	16.49	16.65	17.00
GPRS 1 Tx slot	25.47	25.58	25.71	26.00	16.47	16.58	16.71	17.00
GPRS 2 Tx slots	23.48	23.50	23.46	24.50	17.48	17.50	17.46	18.50
GPRS 3 Tx slots	21.85	22.01	22.07	23.00	17.59	17.75	17.81	18.74
GPRS 4 Tx slots	20.40	20.51	20.24	21.00	17.40	17.51	17.24	18.00
EDGE 1 Tx slot	21.44	21.41	21.34	22.00	12.44	12.41	12.34	13.00
EDGE 2 Tx slots	19.43	19.47	19.43	20.50	13.43	13.47	13.43	14.50
EDGE 3 Tx slots	17.47	17.65	17.77	18.50	13.21	13.39	13.51	14.24
EDGE 4 Tx slots	15.61	15.71	15.24	16.50	12.61	12.71	12.24	13.50

【GSM1900_DSI 4 Extremity】

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	25.40	25.49	25.65	26.00	16.40	16.49	16.65	17.00
GPRS 1 Tx slot	25.47	25.58	25.71	26.00	16.47	16.58	16.71	17.00
GPRS 2 Tx slots	23.48	23.50	23.46	24.50	17.48	17.50	17.46	18.50
GPRS 3 Tx slots	21.85	22.01	22.07	23.00	17.59	17.75	17.81	18.74



GPRS 4 Tx slots	20.40	20.51	20.24	21.00	17.40	17.51	17.24	18.00
EDGE 1 Tx slot	21.44	21.41	21.34	22.00	12.44	12.41	12.34	13.00
EDGE 2 Tx slots	19.43	19.47	19.43	20.50	13.43	13.47	13.43	14.50
EDGE 3 Tx slots	17.47	17.65	17.77	18.50	13.21	13.39	13.51	14.24
EDGE 4 Tx slots	15.61	15.71	15.24	16.50	12.61	12.71	12.24	13.50

【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	24.46	24.60	24.69	25.00	15.46	15.60	15.69	16.00
GPRS 1 Tx slot	24.52	24.62	24.80	25.00	15.52	15.62	15.80	16.00
GPRS 2 Tx slots	22.40	22.56	22.70	23.50	16.40	16.56	16.70	17.50
GPRS 3 Tx slots	20.76	20.86	20.92	22.00	16.50	16.60	16.66	17.74
GPRS 4 Tx slots	19.24	19.37	19.38	20.00	16.24	16.37	16.38	17.00
EDGE 1 Tx slot	20.47	20.38	20.48	21.00	11.47	11.38	11.48	12.00
EDGE 2 Tx slots	18.56	18.47	18.58	19.50	12.56	12.47	12.58	13.50
EDGE 3 Tx slots	16.65	16.58	16.64	17.50	12.39	12.32	12.38	13.24
EDGE 4 Tx slots	14.72	14.92	14.85	15.50	11.72	11.92	11.85	12.50

< WCDMA Conducted Power >

【WCDMA II_Full Power】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.16	23.10	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.23	23.26	23.38	24.00
3GPP Rel 6	HSDPA Subtest-1	22.29	22.25	22.40	23.00
3GPP Rel 6	HSDPA Subtest-2	22.20	22.31	22.38	23.00
3GPP Rel 6	HSDPA Subtest-3	21.78	21.78	21.86	22.50
3GPP Rel 6	HSDPA Subtest-4	21.76	21.81	21.91	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.28	22.26	22.35	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.23	22.27	22.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.77	21.81	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.68	21.73	21.84	22.50
3GPP Rel 6	HSUPA Subtest-1	22.22	22.27	22.34	23.00
3GPP Rel 6	HSUPA Subtest-2	20.29	20.27	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.24	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.26	20.29	20.38	21.00
3GPP Rel 6	HSUPA Subtest-5	22.18	22.24	22.42	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.79	19.70	19.92	20.50

【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	23.16	23.10	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.23	23.26	23.38	24.00
3GPP Rel 6	HSDPA Subtest-1	22.29	22.25	22.40	23.00
3GPP Rel 6	HSDPA Subtest-2	22.20	22.31	22.38	23.00
3GPP Rel 6	HSDPA Subtest-3	21.78	21.78	21.86	22.50
3GPP Rel 6	HSDPA Subtest-4	21.76	21.81	21.91	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.28	22.26	22.35	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.23	22.27	22.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.77	21.81	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.68	21.73	21.84	22.50
3GPP Rel 6	HSUPA Subtest-1	22.22	22.27	22.34	23.00
3GPP Rel 6	HSUPA Subtest-2	20.29	20.27	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.24	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.26	20.29	20.38	21.00
3GPP Rel 6	HSUPA Subtest-5	22.18	22.24	22.42	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.79	19.70	19.92	20.50

【WCDMA II_DSI 4 Body-worn】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	16.77	16.95	16.96	17.50
3GPP Rel 99	RMC 12.2Kbps	16.79	17.00	17.13	17.50
3GPP Rel 6	HSDPA Subtest-1	15.90	16.12	16.11	16.50
3GPP Rel 6	HSDPA Subtest-2	15.76	15.92	16.11	16.50
3GPP Rel 6	HSDPA Subtest-3	15.35	15.55	15.65	16.00
3GPP Rel 6	HSDPA Subtest-4	15.35	15.53	15.57	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.89	16.02	16.11	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.83	16.01	16.01	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.37	15.54	15.54	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.34	15.46	15.68	16.00
3GPP Rel 6	HSUPA Subtest-1	15.82	16.09	16.02	16.50
3GPP Rel 6	HSUPA Subtest-2	13.84	14.01	14.11	14.50
3GPP Rel 6	HSUPA Subtest-3	14.77	15.01	15.02	15.50
3GPP Rel 6	HSUPA Subtest-4	13.78	14.02	14.00	14.50
3GPP Rel 6	HSUPA Subtest-5	15.85	16.03	16.10	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.28	13.53	13.53	14.00

【WCDMA II_DSI 4 Extremity】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	16.77	16.95	16.96	17.50
3GPP Rel 99	RMC 12.2Kbps	16.79	17.00	17.13	17.50
3GPP Rel 6	HSDPA Subtest-1	15.90	16.12	16.11	16.50
3GPP Rel 6	HSDPA Subtest-2	15.76	15.92	16.11	16.50
3GPP Rel 6	HSDPA Subtest-3	15.35	15.55	15.65	16.00
3GPP Rel 6	HSDPA Subtest-4	15.35	15.53	15.57	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.89	16.02	16.11	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.83	16.01	16.01	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.37	15.54	15.54	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.34	15.46	15.68	16.00
3GPP Rel 6	HSUPA Subtest-1	15.82	16.09	16.02	16.50
3GPP Rel 6	HSUPA Subtest-2	13.84	14.01	14.11	14.50
3GPP Rel 6	HSUPA Subtest-3	14.77	15.01	15.02	15.50
3GPP Rel 6	HSUPA Subtest-4	13.78	14.02	14.00	14.50
3GPP Rel 6	HSUPA Subtest-5	15.85	16.03	16.10	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.28	13.53	13.53	14.00

【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	16.77	16.95	16.96	17.50
3GPP Rel 99	RMC 12.2Kbps	16.79	17.00	17.13	17.50
3GPP Rel 6	HSDPA Subtest-1	15.90	16.12	16.11	16.50
3GPP Rel 6	HSDPA Subtest-2	15.76	15.92	16.11	16.50
3GPP Rel 6	HSDPA Subtest-3	15.35	15.55	15.65	16.00
3GPP Rel 6	HSDPA Subtest-4	15.35	15.53	15.57	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.89	16.02	16.11	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.83	16.01	16.01	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.37	15.54	15.54	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.34	15.46	15.68	16.00
3GPP Rel 6	HSUPA Subtest-1	15.82	16.09	16.02	16.50
3GPP Rel 6	HSUPA Subtest-2	13.84	14.01	14.11	14.50
3GPP Rel 6	HSUPA Subtest-3	14.77	15.01	15.02	15.50
3GPP Rel 6	HSUPA Subtest-4	13.78	14.02	14.00	14.50
3GPP Rel 6	HSUPA Subtest-5	15.85	16.03	16.10	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.28	13.53	13.53	14.00

【WCDMA V_Full Power】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.46	23.35	23.35	24.00
3GPP Rel 99	RMC 12.2Kbps	23.55	23.39	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.60	22.34	22.44	23.00
3GPP Rel 6	HSDPA Subtest-2	22.53	22.38	22.37	23.00
3GPP Rel 6	HSDPA Subtest-3	21.99	21.88	21.87	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	21.86	21.95	22.50



3GPP Rel 8	DC-HSDPA Subtest-1	22.53	22.43	22.41	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.52	22.44	22.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.04	21.93	21.97	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.03	21.84	21.94	22.50
3GPP Rel 6	HSUPA Subtest-1	22.59	22.36	22.44	23.00
3GPP Rel 6	HSUPA Subtest-2	20.51	20.44	20.46	21.00
3GPP Rel 6	HSUPA Subtest-3	21.53	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-4	20.60	20.34	20.47	21.00
3GPP Rel 6	HSUPA Subtest-5	22.56	22.34	22.44	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.02	19.92	19.95	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	23.46	23.35	23.35	24.00
3GPP Rel 99	RMC 12.2Kbps	23.55	23.39	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.60	22.34	22.44	23.00
3GPP Rel 6	HSDPA Subtest-2	22.53	22.38	22.37	23.00
3GPP Rel 6	HSDPA Subtest-3	21.99	21.88	21.87	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	21.86	21.95	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.53	22.43	22.41	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.52	22.44	22.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.04	21.93	21.97	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.03	21.84	21.94	22.50
3GPP Rel 6	HSUPA Subtest-1	22.59	22.36	22.44	23.00
3GPP Rel 6	HSUPA Subtest-2	20.51	20.44	20.46	21.00
3GPP Rel 6	HSUPA Subtest-3	21.53	21.34	21.42	22.00
3GPP Rel 6	HSUPA Subtest-4	20.60	20.34	20.47	21.00
3GPP Rel 6	HSUPA Subtest-5	22.56	22.34	22.44	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.02	19.92	19.95	20.50

【WCDMA V_DSI 4 Body-worn】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.62	22.40	22.38	23.00
3GPP Rel 99	RMC 12.2Kbps	22.75	22.56	22.52	23.00
3GPP Rel 6	HSDPA Subtest-1	21.74	21.54	21.50	22.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.54	21.50	22.00
3GPP Rel 6	HSDPA Subtest-3	21.24	21.05	21.02	21.50
3GPP Rel 6	HSDPA Subtest-4	21.24	21.09	21.07	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.70	21.51	21.52	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.77	21.57	21.54	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.20	21.02	20.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.19	21.06	21.04	21.50
3GPP Rel 6	HSUPA Subtest-1	21.75	21.54	21.53	22.00
3GPP Rel 6	HSUPA Subtest-2	19.76	19.59	19.50	20.00
3GPP Rel 6	HSUPA Subtest-3	20.79	20.56	20.57	21.00
3GPP Rel 6	HSUPA Subtest-4	19.70	19.51	19.48	20.00
3GPP Rel 6	HSUPA Subtest-5	21.72	21.56	21.56	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.19	19.00	19.02	19.50

【WCDMA V_DSI 4 Extremity】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.62	22.40	22.38	23.00
3GPP Rel 99	RMC 12.2Kbps	22.75	22.56	22.52	23.00
3GPP Rel 6	HSDPA Subtest-1	21.74	21.54	21.50	22.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.54	21.50	22.00
3GPP Rel 6	HSDPA Subtest-3	21.24	21.05	21.02	21.50
3GPP Rel 6	HSDPA Subtest-4	21.24	21.09	21.07	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.70	21.51	21.52	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.77	21.57	21.54	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.20	21.02	20.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.19	21.06	21.04	21.50
3GPP Rel 6	HSUPA Subtest-1	21.75	21.54	21.53	22.00
3GPP Rel 6	HSUPA Subtest-2	19.76	19.59	19.50	20.00
3GPP Rel 6	HSUPA Subtest-3	20.79	20.56	20.57	21.00
3GPP Rel 6	HSUPA Subtest-4	19.70	19.51	19.48	20.00
3GPP Rel 6	HSUPA Subtest-5	21.72	21.56	21.56	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.19	19.00	19.02	19.50



【WCDMA V_DSI 7】

TX Channel		4132	4182	4233	Tune-up Limit
Frequency (MHz)		826.4	836.4	846.6	(dBm)
3GPP Rel 99	AMR 12.2Kbps	22.62	22.40	22.38	23.00
3GPP Rel 99	RMC 12.2Kbps	22.75	22.56	22.52	23.00
3GPP Rel 6	HSDPA Subtest-1	21.74	21.54	21.50	22.00
3GPP Rel 6	HSDPA Subtest-2	21.76	21.54	21.50	22.00
3GPP Rel 6	HSDPA Subtest-3	21.24	21.05	21.02	21.50
3GPP Rel 6	HSDPA Subtest-4	21.24	21.09	21.07	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.70	21.51	21.52	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.77	21.57	21.54	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.20	21.02	20.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.19	21.06	21.04	21.50
3GPP Rel 6	HSUPA Subtest-1	21.75	21.54	21.53	22.00
3GPP Rel 6	HSUPA Subtest-2	19.76	19.59	19.50	20.00
3GPP Rel 6	HSUPA Subtest-3	20.79	20.56	20.57	21.00
3GPP Rel 6	HSUPA Subtest-4	19.70	19.51	19.48	20.00
3GPP Rel 6	HSUPA Subtest-5	21.72	21.56	21.56	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.19	19.00	19.02	19.50



<LTE Conducted Power>

【LTE Band 2_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.03	23.07	22.88	24.00
20	QPSK	1	49	22.84	23.00	22.71	24.00
20	QPSK	1	99	22.87	22.99	22.74	24.00
20	QPSK	50	0	21.69	21.99	21.86	23.00
20	QPSK	50	24	21.77	21.82	21.51	23.00
20	QPSK	50	50	21.61	21.77	21.57	23.00
20	QPSK	100	0	21.68	22.01	21.84	23.00
20	16QAM	1	0	22.18	22.28	21.99	23.00
20	16QAM	1	49	22.02	22.16	21.89	23.00
20	16QAM	1	99	21.95	22.12	21.80	23.00
20	16QAM	50	0	20.87	20.97	20.77	22.00
20	16QAM	50	24	20.78	20.93	20.74	22.00
20	16QAM	50	50	20.74	20.90	20.70	22.00
20	16QAM	100	0	20.93	21.07	20.78	22.00
20	64QAM	1	0	21.02	21.18	20.92	22.00
20	64QAM	1	49	21.02	21.15	20.83	22.00
20	64QAM	1	99	20.98	21.04	20.83	22.00
20	64QAM	50	0	19.95	20.01	19.70	21.00
20	64QAM	50	24	19.70	19.88	19.66	21.00
20	64QAM	50	50	19.70	19.83	19.53	21.00
20	64QAM	100	0	19.98	20.03	19.72	21.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.99	23.02	22.80	24.00
15	QPSK	1	37	22.70	22.94	22.57	24.00
15	QPSK	1	74	22.83	22.91	22.60	24.00
15	QPSK	36	0	21.60	21.85	21.73	23.00
15	QPSK	36	20	21.73	21.73	21.47	23.00
15	QPSK	36	39	21.56	21.68	21.54	23.00
15	QPSK	75	0	21.53	21.87	21.77	23.00
15	16QAM	1	0	22.13	22.19	21.93	23.00
15	16QAM	1	37	21.96	22.03	21.77	23.00
15	16QAM	1	74	21.94	22.00	21.68	23.00
15	16QAM	36	0	20.83	20.84	20.74	22.00
15	16QAM	36	20	20.74	20.81	20.67	22.00
15	16QAM	36	39	20.64	20.88	20.61	22.00
15	16QAM	75	0	20.85	21.04	20.77	22.00
15	64QAM	1	0	20.98	21.14	20.90	22.00
15	64QAM	1	37	21.00	21.12	20.79	22.00
15	64QAM	1	74	20.94	21.01	20.78	22.00
15	64QAM	36	0	19.89	19.95	19.55	21.00
15	64QAM	36	20	19.58	19.75	19.56	21.00
15	64QAM	36	39	19.65	19.77	19.44	21.00
15	64QAM	75	0	19.89	19.97	19.68	21.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.96	23.01	22.79	24.00
10	QPSK	1	25	22.75	22.90	22.62	24.00
10	QPSK	1	49	22.77	22.87	22.69	24.00
10	QPSK	25	0	21.60	21.92	21.73	23.00
10	QPSK	25	12	21.67	21.71	21.47	23.00
10	QPSK	25	25	21.48	21.74	21.51	23.00
10	QPSK	50	0	21.59	21.92	21.73	23.00
10	16QAM	1	0	22.14	22.20	21.87	23.00
10	16QAM	1	25	22.01	22.06	21.86	23.00
10	16QAM	1	49	21.93	22.07	21.74	23.00
10	16QAM	25	0	20.72	20.93	20.71	22.00
10	16QAM	25	12	20.75	20.83	20.70	22.00
10	16QAM	25	25	20.70	20.81	20.56	22.00
10	16QAM	50	0	20.80	20.96	20.73	22.00
10	64QAM	1	0	20.96	21.08	20.90	22.00
10	64QAM	1	25	20.99	21.06	20.68	22.00
10	64QAM	1	49	20.83	20.94	20.70	22.00
10	64QAM	25	0	19.87	19.92	19.60	21.00



10	64QAM	25	12	19.67	19.80	19.57	21.00
10	64QAM	25	25	19.65	19.78	19.49	21.00
10	64QAM	50	0	19.91	19.97	19.68	21.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.93	22.98	22.80	24.00
5	QPSK	1	12	22.69	22.85	22.68	24.00
5	QPSK	1	24	22.75	22.94	22.70	24.00
5	QPSK	12	0	21.62	21.90	21.83	23.00
5	QPSK	12	7	21.65	21.71	21.40	23.00
5	QPSK	12	13	21.56	21.70	21.48	23.00
5	QPSK	25	0	21.61	21.86	21.76	23.00
5	16QAM	1	0	22.07	22.23	21.91	23.00
5	16QAM	1	12	21.88	22.08	21.77	23.00
5	16QAM	1	24	21.90	22.03	21.65	23.00
5	16QAM	12	0	20.84	20.90	20.64	22.00
5	16QAM	12	7	20.69	20.81	20.66	22.00
5	16QAM	12	13	20.66	20.79	20.69	22.00
5	16QAM	25	0	20.90	20.98	20.68	22.00
5	64QAM	1	0	20.88	21.07	20.89	22.00
5	64QAM	1	12	20.94	21.11	20.76	22.00
5	64QAM	1	24	20.85	20.92	20.76	22.00
5	64QAM	12	0	19.89	19.98	19.64	21.00
5	64QAM	12	7	19.68	19.83	19.53	21.00
5	64QAM	12	13	19.57	19.69	19.43	21.00
5	64QAM	25	0	19.87	19.95	19.69	21.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.96	22.97	22.76	24.00
3	QPSK	1	8	22.82	22.89	22.67	24.00
3	QPSK	1	14	22.83	22.97	22.63	24.00
3	QPSK	8	0	21.55	21.92	21.80	23.00
3	QPSK	8	4	21.72	21.76	21.44	23.00
3	QPSK	8	7	21.51	21.73	21.52	23.00
3	QPSK	15	0	21.58	21.90	21.82	23.00
3	16QAM	1	0	22.03	22.21	21.89	23.00
3	16QAM	1	8	21.88	22.04	21.81	23.00
3	16QAM	1	14	21.91	22.04	21.74	23.00
3	16QAM	8	0	20.83	20.94	20.68	22.00
3	16QAM	8	4	20.67	20.91	20.63	22.00
3	16QAM	8	7	20.63	20.78	20.68	22.00
3	16QAM	15	0	20.87	20.98	20.77	22.00
3	64QAM	1	0	20.90	21.08	20.91	22.00
3	64QAM	1	8	20.93	21.02	20.76	22.00
3	64QAM	1	14	20.85	20.96	20.82	22.00
3	64QAM	8	0	19.94	19.87	19.63	21.00
3	64QAM	8	4	19.57	19.76	19.63	21.00
3	64QAM	8	7	19.64	19.70	19.52	21.00
3	64QAM	15	0	19.85	19.88	19.62	21.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.92	22.92	22.85	24.00
1.4	QPSK	1	3	22.76	22.89	22.60	24.00
1.4	QPSK	1	5	22.75	22.94	22.73	24.00
1.4	QPSK	3	0	22.64	22.97	22.77	24.00
1.4	QPSK	3	1	22.73	22.81	22.39	24.00
1.4	QPSK	3	3	22.57	22.75	22.55	24.00
1.4	QPSK	6	0	21.58	21.93	21.76	23.00
1.4	16QAM	1	0	22.10	22.19	21.90	23.00
1.4	16QAM	1	3	21.92	22.08	21.76	23.00
1.4	16QAM	1	5	21.80	22.00	21.73	23.00
1.4	16QAM	3	0	21.85	21.88	21.69	23.00
1.4	16QAM	3	1	21.76	21.79	21.60	23.00
1.4	16QAM	3	3	21.64	21.83	21.68	23.00
1.4	16QAM	6	0	20.91	21.00	20.72	22.00
1.4	64QAM	1	0	21.01	21.05	20.81	22.00
1.4	64QAM	1	3	20.99	21.13	20.70	22.00
1.4	64QAM	1	5	20.94	20.95	20.73	22.00
1.4	64QAM	3	0	20.87	20.87	20.68	22.00
1.4	64QAM	3	1	20.56	20.76	20.53	22.00
1.4	64QAM	3	3	20.56	20.78	20.43	22.00
1.4	64QAM	6	0	19.92	19.95	19.60	21.00



【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	23.03	23.07	22.88	24.00
20	QPSK	1	49	22.84	23.00	22.71	24.00
20	QPSK	1	99	22.87	22.99	22.74	24.00
20	QPSK	50	0	21.69	21.99	21.86	23.00
20	QPSK	50	24	21.77	21.82	21.51	23.00
20	QPSK	50	50	21.61	21.77	21.57	23.00
20	QPSK	100	0	21.68	22.01	21.84	23.00
20	16QAM	1	0	22.18	22.28	21.99	23.00
20	16QAM	1	49	22.02	22.16	21.89	23.00
20	16QAM	1	99	21.95	22.12	21.80	23.00
20	16QAM	50	0	20.87	20.97	20.77	22.00
20	16QAM	50	24	20.78	20.93	20.74	22.00
20	16QAM	50	50	20.74	20.90	20.70	22.00
20	16QAM	100	0	20.93	21.07	20.78	22.00
20	64QAM	1	0	21.02	21.18	20.92	22.00
20	64QAM	1	49	21.02	21.15	20.83	22.00
20	64QAM	1	99	20.98	21.04	20.83	22.00
20	64QAM	50	0	19.95	20.01	19.70	21.00
20	64QAM	50	24	19.70	19.88	19.66	21.00
20	64QAM	50	50	19.70	19.83	19.53	21.00
20	64QAM	100	0	19.98	20.03	19.72	21.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.00	23.01	23.00	24.00
15	QPSK	1	37	23.00	23.00	23.00	24.00
15	QPSK	1	74	23.01	23.01	23.00	24.00
15	QPSK	36	0	22.01	22.00	22.00	23.00
15	QPSK	36	20	22.01	22.00	22.00	23.00
15	QPSK	36	39	22.01	22.01	22.00	23.00
15	QPSK	75	0	22.01	22.01	22.01	23.00
15	16QAM	1	0	22.04	22.13	22.02	23.00
15	16QAM	1	37	22.00	22.15	22.01	23.00
15	16QAM	1	74	22.00	22.01	22.02	23.00
15	16QAM	36	0	21.01	21.00	21.00	22.00
15	16QAM	36	20	21.01	21.01	21.00	22.00
15	16QAM	36	39	21.01	21.01	21.02	22.00
15	16QAM	75	0	21.00	21.02	21.00	22.00
15	64QAM	1	0	21.01	21.16	21.00	22.00
15	64QAM	1	37	21.01	21.13	21.01	22.00
15	64QAM	1	74	21.02	21.03	21.01	22.00
15	64QAM	36	0	20.01	20.01	20.01	21.00
15	64QAM	36	20	20.00	20.01	20.01	21.00
15	64QAM	36	39	20.00	20.00	20.00	21.00
15	64QAM	75	0	20.01	20.00	20.00	21.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.01	23.00	23.01	24.00
10	QPSK	1	25	23.01	23.00	23.00	24.00
10	QPSK	1	49	23.00	23.01	23.00	24.00
10	QPSK	25	0	22.00	22.00	22.00	23.00
10	QPSK	25	12	22.00	22.00	22.00	23.00
10	QPSK	25	25	22.01	22.00	22.00	23.00
10	QPSK	50	0	22.02	22.00	22.00	23.00
10	16QAM	1	0	22.12	22.19	22.00	23.00
10	16QAM	1	25	22.01	22.03	22.00	23.00
10	16QAM	1	49	22.00	22.04	22.00	23.00
10	16QAM	25	0	21.01	21.00	21.01	22.00
10	16QAM	25	12	21.01	21.00	21.01	22.00
10	16QAM	25	25	21.01	21.01	21.00	22.00
10	16QAM	50	0	21.01	21.02	21.01	22.00
10	64QAM	1	0	21.00	21.05	21.01	22.00
10	64QAM	1	25	21.00	21.13	21.01	22.00
10	64QAM	1	49	21.01	21.00	21.01	22.00
10	64QAM	25	0	20.00	20.02	20.00	21.00
10	64QAM	25	12	20.00	20.02	20.00	21.00
10	64QAM	25	25	20.00	20.02	20.01	21.00
10	64QAM	50	0	20.00	20.00	20.00	21.00
Channel				18625	18900	19175	Tune-up limit



Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.00	23.00	23.02	24.00
5	QPSK	1	12	23.00	23.00	23.00	24.00
5	QPSK	1	24	23.00	23.00	23.00	24.00
5	QPSK	12	0	22.02	22.00	22.01	23.00
5	QPSK	12	7	22.01	22.01	22.00	23.00
5	QPSK	12	13	22.00	22.00	22.00	23.00
5	QPSK	25	0	22.00	22.00	22.00	23.00
5	16QAM	1	0	22.04	22.25	22.01	23.00
5	16QAM	1	12	22.02	22.13	22.02	23.00
5	16QAM	1	24	22.02	22.00	22.01	23.00
5	16QAM	12	0	21.01	21.01	21.00	22.00
5	16QAM	12	7	21.00	21.00	21.00	22.00
5	16QAM	12	13	21.00	21.00	21.00	22.00
5	16QAM	25	0	21.02	21.01	21.01	22.00
5	64QAM	1	0	21.00	21.12	21.02	22.00
5	64QAM	1	12	21.01	21.13	21.00	22.00
5	64QAM	1	24	21.01	21.00	21.01	22.00
5	64QAM	12	0	20.02	20.01	20.00	21.00
5	64QAM	12	7	20.00	20.00	20.00	21.00
5	64QAM	12	13	20.02	20.01	20.00	21.00
5	64QAM	25	0	20.01	20.00	20.00	21.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.00	23.01	23.00	24.00
3	QPSK	1	8	23.00	23.00	23.00	24.00
3	QPSK	1	14	23.00	23.00	23.00	24.00
3	QPSK	8	0	22.00	22.01	22.01	23.00
3	QPSK	8	4	22.02	22.01	22.00	23.00
3	QPSK	8	7	22.00	22.00	22.00	23.00
3	QPSK	15	0	22.02	22.01	22.00	23.00
3	16QAM	1	0	22.09	22.20	22.01	23.00
3	16QAM	1	8	22.00	22.10	22.01	23.00
3	16QAM	1	14	22.01	22.08	22.00	23.00
3	16QAM	8	0	21.02	21.00	21.00	22.00
3	16QAM	8	4	21.01	21.01	21.00	22.00
3	16QAM	8	7	21.00	21.01	21.01	22.00
3	16QAM	15	0	21.02	21.05	21.02	22.00
3	64QAM	1	0	21.02	21.16	21.01	22.00
3	64QAM	1	8	21.00	21.11	21.00	22.00
3	64QAM	1	14	21.01	21.02	21.01	22.00
3	64QAM	8	0	20.00	20.01	20.01	21.00
3	64QAM	8	4	20.00	20.00	20.00	21.00
3	64QAM	8	7	20.01	20.00	20.00	21.00
3	64QAM	15	0	20.00	20.00	20.00	21.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.01	23.01	23.00	24.00
1.4	QPSK	1	3	23.01	23.02	23.01	24.00
1.4	QPSK	1	5	23.01	23.00	23.00	24.00
1.4	QPSK	3	0	23.00	23.00	23.00	24.00
1.4	QPSK	3	1	23.01	23.00	23.02	24.00
1.4	QPSK	3	3	23.00	23.00	23.00	24.00
1.4	QPSK	6	0	22.00	22.00	22.00	23.00
1.4	16QAM	1	0	22.11	22.25	22.01	23.00
1.4	16QAM	1	3	22.01	22.10	22.00	23.00
1.4	16QAM	1	5	22.00	22.07	22.00	23.00
1.4	16QAM	3	0	22.00	22.01	22.01	23.00
1.4	16QAM	3	1	22.00	22.00	22.00	23.00
1.4	16QAM	3	3	22.00	22.01	22.00	23.00
1.4	16QAM	6	0	21.00	21.04	21.00	22.00
1.4	64QAM	1	0	21.00	21.07	21.01	22.00
1.4	64QAM	1	3	21.00	21.05	21.01	22.00
1.4	64QAM	1	5	21.00	21.00	21.01	22.00
1.4	64QAM	3	0	21.00	21.01	21.01	22.00
1.4	64QAM	3	1	21.01	21.00	21.00	22.00
1.4	64QAM	3	3	21.01	21.02	21.01	22.00
1.4	64QAM	6	0	20.00	20.00	20.01	21.00



【LTE Band 2_Ant 0_DSI 4 Body-worn】

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	16.72	16.97	16.63	17.50
20	QPSK	1	49	16.60	16.92	16.54	17.50
20	QPSK	1	99	16.41	16.73	16.40	17.50
20	QPSK	50	0	16.58	16.83	16.56	17.50
20	QPSK	50	24	16.53	16.76	16.47	17.50
20	QPSK	50	50	16.49	16.77	16.43	17.50
20	QPSK	100	0	16.60	16.88	16.57	17.50
20	16QAM	1	0	16.70	17.03	16.74	17.50
20	16QAM	1	49	16.98	17.24	16.88	17.50
20	16QAM	1	99	16.85	17.17	16.89	17.50
20	16QAM	50	0	16.67	16.88	16.52	17.50
20	16QAM	50	24	16.61	16.90	16.44	17.50
20	16QAM	50	50	16.67	16.88	16.60	17.50
20	16QAM	100	0	16.63	16.90	16.45	17.50
20	64QAM	1	0	16.74	17.04	16.63	17.50
20	64QAM	1	49	16.83	17.11	16.85	17.50
20	64QAM	1	99	16.65	16.95	16.68	17.50
20	64QAM	50	0	16.57	16.93	16.51	17.50
20	64QAM	50	24	16.62	16.78	16.46	17.50
20	64QAM	50	50	16.60	16.84	16.58	17.50
20	64QAM	100	0	16.50	16.76	16.53	17.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.08	16.30	16.02	17.50
15	QPSK	1	37	16.01	16.31	16.06	17.50
15	QPSK	1	74	15.87	16.19	15.75	17.50
15	QPSK	36	0	16.00	16.23	15.95	17.50
15	QPSK	36	20	16.01	16.15	15.96	17.50
15	QPSK	36	39	15.92	16.19	15.96	17.50
15	QPSK	75	0	15.98	16.21	15.89	17.50
15	16QAM	1	0	16.03	16.39	16.08	17.50
15	16QAM	1	37	16.44	16.68	16.42	17.50
15	16QAM	1	74	16.33	16.59	16.30	17.50
15	16QAM	36	0	16.17	16.34	15.89	17.50
15	16QAM	36	20	16.01	16.34	15.93	17.50
15	16QAM	36	39	15.99	16.35	16.03	17.50
15	16QAM	75	0	16.06	16.30	15.88	17.50
15	64QAM	1	0	16.12	16.37	16.05	17.50
15	64QAM	1	37	16.23	16.56	16.25	17.50
15	64QAM	1	74	16.11	16.41	16.06	17.50
15	64QAM	36	0	16.08	16.24	15.88	17.50
15	64QAM	36	20	15.99	16.23	15.87	17.50
15	64QAM	36	39	16.01	16.22	16.01	17.50
15	64QAM	75	0	15.92	16.26	15.93	17.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.14	16.29	16.07	17.50
10	QPSK	1	25	16.00	16.36	15.94	17.50
10	QPSK	1	49	15.86	16.13	15.74	17.50
10	QPSK	25	0	15.99	16.22	15.94	17.50
10	QPSK	25	12	15.97	16.19	15.97	17.50
10	QPSK	25	25	15.96	16.26	15.96	17.50
10	QPSK	50	0	15.96	16.25	15.91	17.50
10	16QAM	1	0	16.03	16.35	16.13	17.50
10	16QAM	1	25	16.39	16.65	16.40	17.50
10	16QAM	1	49	16.25	16.60	16.25	17.50
10	16QAM	25	0	16.04	16.34	16.01	17.50
10	16QAM	25	12	15.97	16.31	15.91	17.50
10	16QAM	25	25	16.05	16.31	15.93	17.50
10	16QAM	50	0	15.99	16.31	15.95	17.50
10	64QAM	1	0	16.10	16.34	16.10	17.50
10	64QAM	1	25	16.25	16.58	16.32	17.50
10	64QAM	1	49	16.11	16.40	16.03	17.50
10	64QAM	25	0	16.07	16.31	16.00	17.50
10	64QAM	25	12	15.98	16.16	15.76	17.50
10	64QAM	25	25	16.12	16.22	16.07	17.50
10	64QAM	50	0	15.99	16.26	15.92	17.50



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.12	16.30	16.13	17.50
5	QPSK	1	12	16.02	16.25	16.05	17.50
5	QPSK	1	24	15.77	16.16	15.75	17.50
5	QPSK	12	0	15.94	16.33	16.01	17.50
5	QPSK	12	7	15.89	16.26	15.89	17.50
5	QPSK	12	13	15.95	16.20	15.87	17.50
5	QPSK	25	0	16.05	16.25	15.89	17.50
5	16QAM	1	0	16.01	16.40	16.04	17.50
5	16QAM	1	12	16.40	16.69	16.38	17.50
5	16QAM	1	24	16.24	16.63	16.32	17.50
5	16QAM	12	0	16.11	16.30	15.90	17.50
5	16QAM	12	7	15.97	16.27	15.91	17.50
5	16QAM	12	13	16.11	16.29	15.99	17.50
5	16QAM	25	0	16.06	16.31	15.88	17.50
5	64QAM	1	0	16.11	16.47	16.08	17.50
5	64QAM	1	12	16.25	16.53	16.32	17.50
5	64QAM	1	24	16.11	16.35	16.05	17.50
5	64QAM	12	0	16.10	16.23	15.96	17.50
5	64QAM	12	7	15.96	16.19	15.77	17.50
5	64QAM	12	13	16.08	16.24	15.98	17.50
5	64QAM	25	0	16.03	16.30	15.84	17.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.11	16.25	16.06	17.50
3	QPSK	1	8	16.05	16.26	16.03	17.50
3	QPSK	1	14	15.75	16.16	15.78	17.50
3	QPSK	8	0	16.01	16.31	15.90	17.50
3	QPSK	8	4	15.89	16.26	15.90	17.50
3	QPSK	8	7	15.89	16.25	15.88	17.50
3	QPSK	15	0	16.01	16.19	15.92	17.50
3	16QAM	1	0	16.03	16.38	16.16	17.50
3	16QAM	1	8	16.39	16.75	16.41	17.50
3	16QAM	1	14	16.27	16.64	16.24	17.50
3	16QAM	8	0	16.07	16.28	15.90	17.50
3	16QAM	8	4	15.98	16.31	15.87	17.50
3	16QAM	8	7	16.08	16.24	15.97	17.50
3	16QAM	15	0	16.05	16.34	15.97	17.50
3	64QAM	1	0	16.05	16.42	15.99	17.50
3	64QAM	1	8	16.19	16.59	16.32	17.50
3	64QAM	1	14	16.07	16.33	16.14	17.50
3	64QAM	8	0	16.07	16.29	15.93	17.50
3	64QAM	8	4	16.03	16.25	15.90	17.50
3	64QAM	8	7	16.10	16.22	15.97	17.50
3	64QAM	15	0	15.96	16.18	15.97	17.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.09	16.32	16.04	17.50
1.4	QPSK	1	3	16.06	16.35	16.06	17.50
1.4	QPSK	1	5	15.78	16.13	15.82	17.50
1.4	QPSK	3	0	15.88	16.28	16.00	17.50
1.4	QPSK	3	1	15.91	16.22	16.01	17.50
1.4	QPSK	3	3	15.95	16.16	15.85	17.50
1.4	QPSK	6	0	15.93	16.17	16.01	17.50
1.4	16QAM	1	0	16.07	16.42	16.05	17.50
1.4	16QAM	1	3	16.42	16.73	16.32	17.50
1.4	16QAM	1	5	16.33	16.67	16.28	17.50
1.4	16QAM	3	0	16.13	16.30	16.01	17.50
1.4	16QAM	3	1	15.92	16.30	15.92	17.50
1.4	16QAM	3	3	16.03	16.31	16.01	17.50
1.4	16QAM	6	0	16.02	16.21	15.85	17.50
1.4	64QAM	1	0	16.10	16.35	15.97	17.50
1.4	64QAM	1	3	16.19	16.57	16.22	17.50
1.4	64QAM	1	5	16.02	16.38	16.12	17.50
1.4	64QAM	3	0	16.06	16.29	15.95	17.50
1.4	64QAM	3	1	15.94	16.18	15.76	17.50
1.4	64QAM	3	3	16.02	16.27	16.05	17.50
1.4	64QAM	6	0	15.91	16.19	15.85	17.50



【LTE Band 2_Ant 0_DSI 4 Extremity】

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	16.72	16.97	16.63	17.50
20	QPSK	1	49	16.60	16.92	16.54	17.50
20	QPSK	1	99	16.41	16.73	16.40	17.50
20	QPSK	50	0	16.58	16.83	16.56	17.50
20	QPSK	50	24	16.53	16.76	16.47	17.50
20	QPSK	50	50	16.49	16.77	16.43	17.50
20	QPSK	100	0	16.60	16.88	16.57	17.50
20	16QAM	1	0	16.70	17.03	16.74	17.50
20	16QAM	1	49	16.98	17.24	16.88	17.50
20	16QAM	1	99	16.85	17.17	16.89	17.50
20	16QAM	50	0	16.67	16.88	16.52	17.50
20	16QAM	50	24	16.61	16.90	16.44	17.50
20	16QAM	50	50	16.67	16.88	16.60	17.50
20	16QAM	100	0	16.63	16.90	16.45	17.50
20	64QAM	1	0	16.74	17.04	16.63	17.50
20	64QAM	1	49	16.83	17.11	16.85	17.50
20	64QAM	1	99	16.65	16.95	16.68	17.50
20	64QAM	50	0	16.57	16.93	16.51	17.50
20	64QAM	50	24	16.62	16.78	16.46	17.50
20	64QAM	50	50	16.60	16.84	16.58	17.50
20	64QAM	100	0	16.50	16.76	16.53	17.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.12	16.31	16.11	17.50
15	QPSK	1	37	16.03	16.27	16.02	17.50
15	QPSK	1	74	15.83	16.19	15.83	17.50
15	QPSK	36	0	15.99	16.25	15.93	17.50
15	QPSK	36	20	15.91	16.18	15.97	17.50
15	QPSK	36	39	15.91	16.21	15.93	17.50
15	QPSK	75	0	15.93	16.27	15.95	17.50
15	16QAM	1	0	16.05	16.45	16.09	17.50
15	16QAM	1	37	16.49	16.70	16.39	17.50
15	16QAM	1	74	16.31	16.60	16.25	17.50
15	16QAM	36	0	16.10	16.31	15.96	17.50
15	16QAM	36	20	15.95	16.30	15.96	17.50
15	16QAM	36	39	16.12	16.31	16.05	17.50
15	16QAM	75	0	16.06	16.29	15.91	17.50
15	64QAM	1	0	16.06	16.34	16.08	17.50
15	64QAM	1	37	16.24	16.49	16.31	17.50
15	64QAM	1	74	16.05	16.38	16.09	17.50
15	64QAM	36	0	16.06	16.28	16.00	17.50
15	64QAM	36	20	15.94	16.16	15.86	17.50
15	64QAM	36	39	16.09	16.25	15.97	17.50
15	64QAM	75	0	15.92	16.18	15.89	17.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.08	16.24	16.12	17.50
10	QPSK	1	25	16.03	16.26	15.97	17.50
10	QPSK	1	49	15.83	16.11	15.80	17.50
10	QPSK	25	0	15.94	16.29	15.95	17.50
10	QPSK	25	12	15.95	16.20	15.91	17.50
10	QPSK	25	25	15.94	16.26	15.93	17.50
10	QPSK	50	0	15.94	16.23	15.90	17.50
10	16QAM	1	0	16.09	16.42	16.14	17.50
10	16QAM	1	25	16.42	16.71	16.30	17.50
10	16QAM	1	49	16.25	16.63	16.26	17.50
10	16QAM	25	0	16.08	16.28	15.90	17.50
10	16QAM	25	12	16.00	16.32	15.99	17.50
10	16QAM	25	25	15.99	16.25	16.05	17.50
10	16QAM	50	0	16.04	16.26	15.98	17.50
10	64QAM	1	0	16.11	16.39	16.07	17.50
10	64QAM	1	25	16.25	16.60	16.26	17.50
10	64QAM	1	49	16.05	16.37	16.03	17.50
10	64QAM	25	0	16.04	16.32	15.95	17.50
10	64QAM	25	12	15.95	16.26	15.84	17.50
10	64QAM	25	25	16.12	16.30	16.08	17.50
10	64QAM	50	0	16.01	16.26	15.94	17.50



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.07	16.29	16.10	17.50
5	QPSK	1	12	16.10	16.35	15.99	17.50
5	QPSK	1	24	15.88	16.15	15.82	17.50
5	QPSK	12	0	15.90	16.30	16.02	17.50
5	QPSK	12	7	15.92	16.27	15.91	17.50
5	QPSK	12	13	15.85	16.19	15.94	17.50
5	QPSK	25	0	16.01	16.24	16.01	17.50
5	16QAM	1	0	16.04	16.42	16.08	17.50
5	16QAM	1	12	16.46	16.65	16.32	17.50
5	16QAM	1	24	16.28	16.58	16.23	17.50
5	16QAM	12	0	16.08	16.36	15.99	17.50
5	16QAM	12	7	15.94	16.25	15.88	17.50
5	16QAM	12	13	16.06	16.24	15.94	17.50
5	16QAM	25	0	16.07	16.30	15.85	17.50
5	64QAM	1	0	16.06	16.37	16.10	17.50
5	64QAM	1	12	16.20	16.54	16.26	17.50
5	64QAM	1	24	16.11	16.41	16.08	17.50
5	64QAM	12	0	16.07	16.24	15.93	17.50
5	64QAM	12	7	16.04	16.24	15.83	17.50
5	64QAM	12	13	16.01	16.22	16.07	17.50
5	64QAM	25	0	15.98	16.19	15.97	17.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.09	16.25	16.12	17.50
3	QPSK	1	8	16.02	16.31	16.03	17.50
3	QPSK	1	14	15.88	16.09	15.83	17.50
3	QPSK	8	0	15.92	16.29	15.93	17.50
3	QPSK	8	4	15.90	16.20	15.93	17.50
3	QPSK	8	7	15.87	16.28	15.88	17.50
3	QPSK	15	0	16.05	16.25	15.90	17.50
3	16QAM	1	0	16.03	16.34	16.06	17.50
3	16QAM	1	8	16.45	16.72	16.38	17.50
3	16QAM	1	14	16.34	16.64	16.22	17.50
3	16QAM	8	0	16.13	16.36	16.02	17.50
3	16QAM	8	4	16.00	16.35	15.89	17.50
3	16QAM	8	7	16.11	16.33	15.94	17.50
3	16QAM	15	0	15.98	16.21	15.96	17.50
3	64QAM	1	0	16.15	16.41	15.98	17.50
3	64QAM	1	8	16.23	16.54	16.32	17.50
3	64QAM	1	14	16.14	16.35	16.12	17.50
3	64QAM	8	0	15.96	16.30	15.96	17.50
3	64QAM	8	4	16.03	16.26	15.88	17.50
3	64QAM	8	7	15.99	16.26	16.03	17.50
3	64QAM	15	0	15.90	16.25	15.94	17.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	16.12	16.27	16.04	17.50
1.4	QPSK	1	3	16.06	16.27	15.94	17.50
1.4	QPSK	1	5	15.86	16.17	15.79	17.50
1.4	QPSK	3	0	15.95	16.30	15.96	17.50
1.4	QPSK	3	1	15.91	16.18	15.96	17.50
1.4	QPSK	3	3	15.86	16.24	15.94	17.50
1.4	QPSK	6	0	15.92	16.23	16.00	17.50
1.4	16QAM	1	0	16.10	16.40	16.13	17.50
1.4	16QAM	1	3	16.42	16.62	16.37	17.50
1.4	16QAM	1	5	16.36	16.67	16.24	17.50
1.4	16QAM	3	0	16.17	16.27	15.98	17.50
1.4	16QAM	3	1	16.02	16.24	15.86	17.50
1.4	16QAM	3	3	16.04	16.26	16.04	17.50
1.4	16QAM	6	0	16.02	16.26	15.94	17.50
1.4	64QAM	1	0	16.11	16.47	15.96	17.50
1.4	64QAM	1	3	16.14	16.55	16.25	17.50
1.4	64QAM	1	5	16.15	16.35	16.11	17.50
1.4	64QAM	3	0	15.99	16.32	16.01	17.50
1.4	64QAM	3	1	16.06	16.24	15.83	17.50
1.4	64QAM	3	3	16.06	16.29	16.06	17.50
1.4	64QAM	6	0	15.95	16.22	15.85	17.50



【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	17.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.16	16.33	16.11	17.00
20	QPSK	1	49	16.24	16.33	16.19	17.00
20	QPSK	1	99	16.27	16.28	16.12	17.00
20	QPSK	50	0	16.36	16.40	16.31	17.00
20	QPSK	50	24	16.23	16.30	16.21	17.00
20	QPSK	50	50	16.24	16.25	16.07	17.00
20	QPSK	100	0	16.21	16.36	16.17	17.00
20	16QAM	1	0	16.22	16.43	16.23	17.00
20	16QAM	1	49	16.47	16.68	16.51	17.00
20	16QAM	1	99	16.36	16.53	16.37	17.00
20	16QAM	50	0	16.29	16.38	16.29	17.00
20	16QAM	50	24	16.08	16.24	16.06	17.00
20	16QAM	50	50	16.29	16.27	16.15	17.00
20	16QAM	100	0	16.27	16.38	16.25	17.00
20	64QAM	1	0	16.30	16.30	16.21	17.00
20	64QAM	1	49	16.29	16.37	16.20	17.00
20	64QAM	1	99	16.23	16.44	16.22	17.00
20	64QAM	50	0	16.29	16.31	16.23	17.00
20	64QAM	50	24	16.18	16.30	16.07	17.00
20	64QAM	50	50	16.22	16.31	16.11	17.00
20	64QAM	100	0	16.22	16.33	16.17	17.00
Channel				18675	18900	19125	17.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.70	15.70	15.53	17.00
15	QPSK	1	37	15.54	15.71	15.52	17.00
15	QPSK	1	74	15.64	15.67	15.49	17.00
15	QPSK	36	0	15.73	15.85	15.70	17.00
15	QPSK	36	20	15.59	15.70	15.69	17.00
15	QPSK	36	39	15.73	15.62	15.56	17.00
15	QPSK	75	0	15.57	15.78	15.59	17.00
15	16QAM	1	0	15.66	15.83	15.61	17.00
15	16QAM	1	37	15.97	16.05	15.92	17.00
15	16QAM	1	74	15.77	15.95	15.91	17.00
15	16QAM	36	0	15.69	15.86	15.64	17.00
15	16QAM	36	20	15.58	15.70	15.52	17.00
15	16QAM	36	39	15.69	15.77	15.58	17.00
15	16QAM	75	0	15.68	15.78	15.72	17.00
15	64QAM	1	0	15.73	15.72	15.60	17.00
15	64QAM	1	37	15.77	15.86	15.71	17.00
15	64QAM	1	74	15.77	15.82	15.64	17.00
15	64QAM	36	0	15.76	15.77	15.68	17.00
15	64QAM	36	20	15.57	15.69	15.48	17.00
15	64QAM	36	39	15.59	15.76	15.58	17.00
15	64QAM	75	0	15.61	15.80	15.68	17.00
Channel				18650	18900	19150	17.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.62	15.68	15.54	17.00
10	QPSK	1	25	15.55	15.68	15.60	17.00
10	QPSK	1	49	15.62	15.66	15.57	17.00
10	QPSK	25	0	15.74	15.74	15.65	17.00
10	QPSK	25	12	15.60	15.75	15.66	17.00
10	QPSK	25	25	15.68	15.71	15.54	17.00
10	QPSK	50	0	15.64	15.76	15.66	17.00
10	16QAM	1	0	15.74	15.78	15.63	17.00
10	16QAM	1	25	15.94	16.03	15.89	17.00
10	16QAM	1	49	15.83	15.90	15.83	17.00
10	16QAM	25	0	15.68	15.85	15.70	17.00
10	16QAM	25	12	15.51	15.67	15.54	17.00
10	16QAM	25	25	15.66	15.76	15.54	17.00
10	16QAM	50	0	15.61	15.86	15.72	17.00
10	64QAM	1	0	15.71	15.67	15.66	17.00
10	64QAM	1	25	15.72	15.87	15.71	17.00
10	64QAM	1	49	15.67	15.82	15.62	17.00
10	64QAM	25	0	15.70	15.84	15.65	17.00
10	64QAM	25	12	15.57	15.76	15.50	17.00
10	64QAM	25	25	15.66	15.68	15.46	17.00
10	64QAM	50	0	15.66	15.73	15.69	17.00



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	15.65	15.62	15.65	17.00
5	QPSK	1	12	15.64	15.74	15.50	17.00
5	QPSK	1	24	15.60	15.75	15.56	17.00
5	QPSK	12	0	15.80	15.81	15.69	17.00
5	QPSK	12	7	15.59	15.77	15.63	17.00
5	QPSK	12	13	15.61	15.64	15.55	17.00
5	QPSK	25	0	15.69	15.76	15.65	17.00
5	16QAM	1	0	15.76	15.77	15.69	17.00
5	16QAM	1	12	15.97	16.05	15.88	17.00
5	16QAM	1	24	15.78	15.88	15.79	17.00
5	16QAM	12	0	15.64	15.76	15.76	17.00
5	16QAM	12	7	15.49	15.78	15.53	17.00
5	16QAM	12	13	15.73	15.77	15.53	17.00
5	16QAM	25	0	15.61	15.83	15.67	17.00
5	64QAM	1	0	15.65	15.74	15.72	17.00
5	64QAM	1	12	15.71	15.87	15.70	17.00
5	64QAM	1	24	15.72	15.78	15.62	17.00
5	64QAM	12	0	15.66	15.75	15.67	17.00
5	64QAM	12	7	15.64	15.77	15.48	17.00
5	64QAM	12	13	15.55	15.74	15.46	17.00
5	64QAM	25	0	15.72	15.80	15.61	17.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	15.62	15.69	15.60	17.00
3	QPSK	1	8	15.60	15.78	15.50	17.00
3	QPSK	1	14	15.62	15.71	15.55	17.00
3	QPSK	8	0	15.76	15.75	15.74	17.00
3	QPSK	8	4	15.63	15.67	15.59	17.00
3	QPSK	8	7	15.66	15.72	15.55	17.00
3	QPSK	15	0	15.67	15.81	15.65	17.00
3	16QAM	1	0	15.64	15.79	15.71	17.00
3	16QAM	1	8	15.89	16.14	15.87	17.00
3	16QAM	1	14	15.88	15.89	15.89	17.00
3	16QAM	8	0	15.62	15.85	15.77	17.00
3	16QAM	8	4	15.59	15.71	15.51	17.00
3	16QAM	8	7	15.71	15.76	15.51	17.00
3	16QAM	15	0	15.63	15.83	15.70	17.00
3	64QAM	1	0	15.74	15.75	15.69	17.00
3	64QAM	1	8	15.66	15.88	15.61	17.00
3	64QAM	1	14	15.76	15.78	15.62	17.00
3	64QAM	8	0	15.64	15.72	15.62	17.00
3	64QAM	8	4	15.66	15.72	15.56	17.00
3	64QAM	8	7	15.62	15.75	15.46	17.00
3	64QAM	15	0	15.73	15.71	15.68	17.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	15.63	15.66	15.51	17.00
1.4	QPSK	1	3	15.58	15.77	15.56	17.00
1.4	QPSK	1	5	15.61	15.71	15.55	17.00
1.4	QPSK	3	0	15.80	15.80	15.67	17.00
1.4	QPSK	3	1	15.68	15.78	15.60	17.00
1.4	QPSK	3	3	15.60	15.66	15.52	17.00
1.4	QPSK	6	0	15.59	15.79	15.67	17.00
1.4	16QAM	1	0	15.66	15.80	15.70	17.00
1.4	16QAM	1	3	15.87	16.01	15.89	17.00
1.4	16QAM	1	5	15.88	15.89	15.89	17.00
1.4	16QAM	3	0	15.70	15.82	15.68	17.00
1.4	16QAM	3	1	15.57	15.71	15.53	17.00
1.4	16QAM	3	3	15.71	15.80	15.53	17.00
1.4	16QAM	6	0	15.70	15.83	15.66	17.00
1.4	64QAM	1	0	15.78	15.79	15.72	17.00
1.4	64QAM	1	3	15.70	15.86	15.68	17.00
1.4	64QAM	1	5	15.71	15.79	15.66	17.00
1.4	64QAM	3	0	15.74	15.82	15.56	17.00
1.4	64QAM	3	1	15.64	15.78	15.44	17.00
1.4	64QAM	3	3	15.62	15.75	15.56	17.00
1.4	64QAM	6	0	15.72	15.79	15.63	17.00



【LTE Band 2_Ant 1_Full Power】

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	16.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.10	15.16	15.37	16.00
20	QPSK	1	49	15.18	15.16	15.23	16.00
20	QPSK	1	99	15.13	15.25	15.19	16.00
20	QPSK	50	0	15.14	15.34	15.38	16.00
20	QPSK	50	24	15.15	15.33	15.33	16.00
20	QPSK	50	50	15.19	15.36	15.34	16.00
20	QPSK	100	0	15.11	15.30	15.25	16.00
20	16QAM	1	0	15.38	15.50	15.55	16.00
20	16QAM	1	49	15.41	15.61	15.56	16.00
20	16QAM	1	99	15.35	15.42	15.47	16.00
20	16QAM	50	0	15.13	15.30	15.30	16.00
20	16QAM	50	24	15.13	15.33	15.38	16.00
20	16QAM	50	50	15.18	15.37	15.30	16.00
20	16QAM	100	0	15.19	15.36	15.29	16.00
20	64QAM	1	0	15.36	15.44	15.49	16.00
20	64QAM	1	49	15.14	15.31	15.32	16.00
20	64QAM	1	99	15.16	15.29	15.30	16.00
20	64QAM	50	0	15.17	15.36	15.34	16.00
20	64QAM	50	24	15.32	15.42	15.46	16.00
20	64QAM	50	50	15.20	15.41	15.39	16.00
20	64QAM	100	0	15.17	15.35	15.29	16.00
Channel				18675	18900	19125	16.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.04	15.04	15.30	16.00
15	QPSK	1	37	15.04	15.09	15.17	16.00
15	QPSK	1	74	15.05	15.16	15.07	16.00
15	QPSK	36	0	15.10	15.22	15.30	16.00
15	QPSK	36	20	15.01	15.31	15.24	16.00
15	QPSK	36	39	15.12	15.26	15.20	16.00
15	QPSK	75	0	15.01	15.26	15.24	16.00
15	16QAM	1	0	15.32	15.46	15.46	16.00
15	16QAM	1	37	15.27	15.50	15.48	16.00
15	16QAM	1	74	15.32	15.37	15.40	16.00
15	16QAM	36	0	15.02	15.23	15.28	16.00
15	16QAM	36	20	15.03	15.24	15.23	16.00
15	16QAM	36	39	15.13	15.33	15.17	16.00
15	16QAM	75	0	15.15	15.32	15.24	16.00
15	64QAM	1	0	15.24	15.35	15.47	16.00
15	64QAM	1	37	15.09	15.20	15.20	16.00
15	64QAM	1	74	15.07	15.14	15.25	16.00
15	64QAM	36	0	15.08	15.26	15.31	16.00
15	64QAM	36	20	15.22	15.39	15.43	16.00
15	64QAM	36	39	15.19	15.33	15.28	16.00
15	64QAM	75	0	15.06	15.28	15.18	16.00
Channel				18650	18900	19150	16.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	14.99	15.09	15.23	16.00
10	QPSK	1	25	15.17	15.05	15.11	16.00
10	QPSK	1	49	15.10	15.21	15.10	16.00
10	QPSK	25	0	15.00	15.26	15.34	16.00
10	QPSK	25	12	15.07	15.31	15.21	16.00
10	QPSK	25	25	15.10	15.32	15.29	16.00
10	QPSK	50	0	15.01	15.27	15.23	16.00
10	16QAM	1	0	15.34	15.35	15.45	16.00
10	16QAM	1	25	15.37	15.49	15.45	16.00
10	16QAM	1	49	15.21	15.36	15.39	16.00
10	16QAM	25	0	15.02	15.22	15.22	16.00
10	16QAM	25	12	15.02	15.30	15.30	16.00
10	16QAM	25	25	15.12	15.30	15.28	16.00
10	16QAM	50	0	15.12	15.30	15.24	16.00
10	64QAM	1	0	15.24	15.38	15.44	16.00
10	64QAM	1	25	15.07	15.29	15.17	16.00
10	64QAM	1	49	15.15	15.23	15.21	16.00
10	64QAM	25	0	15.14	15.26	15.29	16.00
10	64QAM	25	12	15.19	15.30	15.37	16.00
10	64QAM	25	25	15.14	15.35	15.29	16.00
10	64QAM	50	0	15.07	15.33	15.27	16.00



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	14.97	15.12	15.36	16.00
5	QPSK	1	12	15.09	15.08	15.12	16.00
5	QPSK	1	24	15.09	15.23	15.08	16.00
5	QPSK	12	0	15.07	15.27	15.26	16.00
5	QPSK	12	7	15.05	15.25	15.23	16.00
5	QPSK	12	13	15.14	15.31	15.33	16.00
5	QPSK	25	0	15.02	15.28	15.22	16.00
5	16QAM	1	0	15.29	15.38	15.42	16.00
5	16QAM	1	12	15.33	15.49	15.46	16.00
5	16QAM	1	24	15.20	15.37	15.33	16.00
5	16QAM	12	0	15.02	15.21	15.15	16.00
5	16QAM	12	7	15.06	15.28	15.27	16.00
5	16QAM	12	13	15.09	15.35	15.28	16.00
5	16QAM	25	0	15.12	15.23	15.24	16.00
5	64QAM	1	0	15.33	15.31	15.48	16.00
5	64QAM	1	12	15.00	15.18	15.23	16.00
5	64QAM	1	24	15.14	15.21	15.21	16.00
5	64QAM	12	0	15.09	15.28	15.25	16.00
5	64QAM	12	7	15.31	15.39	15.41	16.00
5	64QAM	12	13	15.05	15.39	15.36	16.00
5	64QAM	25	0	15.14	15.29	15.15	16.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	15.07	15.06	15.35	16.00
3	QPSK	1	8	15.05	15.06	15.19	16.00
3	QPSK	1	14	15.00	15.19	15.15	16.00
3	QPSK	8	0	15.05	15.28	15.31	16.00
3	QPSK	8	4	15.13	15.21	15.27	16.00
3	QPSK	8	7	15.16	15.32	15.22	16.00
3	QPSK	15	0	14.97	15.22	15.15	16.00
3	16QAM	1	0	15.26	15.37	15.42	16.00
3	16QAM	1	8	15.31	15.56	15.47	16.00
3	16QAM	1	14	15.24	15.36	15.45	16.00
3	16QAM	8	0	15.07	15.25	15.27	16.00
3	16QAM	8	4	15.09	15.27	15.35	16.00
3	16QAM	8	7	15.15	15.36	15.26	16.00
3	16QAM	15	0	15.06	15.34	15.16	16.00
3	64QAM	1	0	15.27	15.37	15.38	16.00
3	64QAM	1	8	15.10	15.23	15.25	16.00
3	64QAM	1	14	15.10	15.17	15.28	16.00
3	64QAM	8	0	15.16	15.22	15.28	16.00
3	64QAM	8	4	15.21	15.35	15.37	16.00
3	64QAM	8	7	15.11	15.29	15.31	16.00
3	64QAM	15	0	15.08	15.23	15.15	16.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	14.96	15.04	15.32	16.00
1.4	QPSK	1	3	15.09	15.08	15.22	16.00
1.4	QPSK	1	5	15.05	15.10	15.10	16.00
1.4	QPSK	3	0	15.05	15.26	15.35	16.00
1.4	QPSK	3	1	15.03	15.28	15.32	16.00
1.4	QPSK	3	3	15.12	15.24	15.30	16.00
1.4	QPSK	6	0	14.96	15.26	15.14	16.00
1.4	16QAM	1	0	15.27	15.46	15.42	16.00
1.4	16QAM	1	3	15.35	15.58	15.41	16.00
1.4	16QAM	1	5	15.27	15.29	15.35	16.00
1.4	16QAM	3	0	15.07	15.21	15.20	16.00
1.4	16QAM	3	1	15.10	15.18	15.28	16.00
1.4	16QAM	3	3	15.05	15.34	15.27	16.00
1.4	16QAM	6	0	15.15	15.24	15.20	16.00
1.4	64QAM	1	0	15.34	15.32	15.45	16.00
1.4	64QAM	1	3	15.02	15.23	15.26	16.00
1.4	64QAM	1	5	15.07	15.19	15.27	16.00
1.4	64QAM	3	0	15.06	15.34	15.22	16.00
1.4	64QAM	3	1	15.21	15.40	15.41	16.00
1.4	64QAM	3	3	15.08	15.38	15.33	16.00
1.4	64QAM	6	0	15.03	15.34	15.26	16.00



【LTE Band 2_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				18700	18900	19100	16.00
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.10	15.16	15.37	16.00
20	QPSK	1	49	15.18	15.16	15.23	16.00
20	QPSK	1	99	15.13	15.25	15.19	16.00
20	QPSK	50	0	15.14	15.34	15.38	16.00
20	QPSK	50	24	15.15	15.33	15.33	16.00
20	QPSK	50	50	15.19	15.36	15.34	16.00
20	QPSK	100	0	15.11	15.30	15.25	16.00
20	16QAM	1	0	15.38	15.50	15.55	16.00
20	16QAM	1	49	15.41	15.61	15.56	16.00
20	16QAM	1	99	15.35	15.42	15.47	16.00
20	16QAM	50	0	15.13	15.30	15.30	16.00
20	16QAM	50	24	15.13	15.33	15.38	16.00
20	16QAM	50	50	15.18	15.37	15.30	16.00
20	16QAM	100	0	15.19	15.36	15.29	16.00
20	64QAM	1	0	15.36	15.44	15.49	16.00
20	64QAM	1	49	15.14	15.31	15.32	16.00
20	64QAM	1	99	15.16	15.29	15.30	16.00
20	64QAM	50	0	15.17	15.36	15.34	16.00
20	64QAM	50	24	15.32	15.42	15.46	16.00
20	64QAM	50	50	15.20	15.41	15.39	16.00
20	64QAM	100	0	15.17	15.35	15.29	16.00
Channel				18675	18900	19125	16.00
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	14.99	15.13	15.11	16.00
15	QPSK	1	37	15.08	15.24	15.28	16.00
15	QPSK	1	74	15.00	15.11	15.14	16.00
15	QPSK	36	0	15.07	15.25	15.26	16.00
15	QPSK	36	20	15.08	15.29	15.36	16.00
15	QPSK	36	39	15.07	15.24	15.26	16.00
15	QPSK	75	0	15.03	15.20	15.11	16.00
15	16QAM	1	0	15.29	15.46	15.43	16.00
15	16QAM	1	37	15.38	15.58	15.53	16.00
15	16QAM	1	74	15.22	15.35	15.46	16.00
15	16QAM	36	0	15.04	15.23	15.22	16.00
15	16QAM	36	20	14.99	15.26	15.27	16.00
15	16QAM	36	39	15.08	15.29	15.22	16.00
15	16QAM	75	0	15.05	15.32	15.27	16.00
15	64QAM	1	0	15.34	15.41	15.43	16.00
15	64QAM	1	37	15.01	15.19	15.18	16.00
15	64QAM	1	74	15.02	15.25	15.25	16.00
15	64QAM	36	0	15.15	15.26	15.29	16.00
15	64QAM	36	20	15.29	15.34	15.36	16.00
15	64QAM	36	39	15.08	15.30	15.25	16.00
15	64QAM	75	0	15.09	15.29	15.17	16.00
Channel				18650	18900	19150	16.00
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.01	15.05	15.09	16.00
10	QPSK	1	25	15.13	15.27	15.25	16.00
10	QPSK	1	49	15.10	15.12	15.10	16.00
10	QPSK	25	0	15.13	15.24	15.26	16.00
10	QPSK	25	12	15.02	15.26	15.31	16.00
10	QPSK	25	25	15.14	15.28	15.26	16.00
10	QPSK	50	0	15.05	15.18	15.13	16.00
10	16QAM	1	0	15.36	15.41	15.47	16.00
10	16QAM	1	25	15.40	15.52	15.45	16.00
10	16QAM	1	49	15.25	15.38	15.45	16.00
10	16QAM	25	0	15.06	15.21	15.24	16.00
10	16QAM	25	12	15.10	15.21	15.37	16.00
10	16QAM	25	25	15.16	15.33	15.21	16.00
10	16QAM	50	0	15.04	15.23	15.14	16.00
10	64QAM	1	0	15.32	15.30	15.35	16.00
10	64QAM	1	25	15.10	15.21	15.27	16.00
10	64QAM	1	49	15.05	15.17	15.17	16.00
10	64QAM	25	0	15.14	15.28	15.29	16.00
10	64QAM	25	12	15.30	15.33	15.39	16.00
10	64QAM	25	25	15.10	15.31	15.32	16.00
10	64QAM	50	0	15.15	15.32	15.24	16.00



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	15.06	15.05	15.12	16.00
5	QPSK	1	12	15.15	15.29	15.22	16.00
5	QPSK	1	24	14.99	15.13	15.14	16.00
5	QPSK	12	0	15.08	15.19	15.30	16.00
5	QPSK	12	7	15.12	15.23	15.30	16.00
5	QPSK	12	13	15.08	15.34	15.22	16.00
5	QPSK	25	0	14.98	15.16	15.12	16.00
5	16QAM	1	0	15.32	15.35	15.49	16.00
5	16QAM	1	12	15.34	15.47	15.46	16.00
5	16QAM	1	24	15.29	15.30	15.42	16.00
5	16QAM	12	0	15.06	15.17	15.20	16.00
5	16QAM	12	7	15.08	15.27	15.34	16.00
5	16QAM	12	13	15.11	15.27	15.24	16.00
5	16QAM	25	0	15.06	15.27	15.14	16.00
5	64QAM	1	0	15.30	15.41	15.41	16.00
5	64QAM	1	12	15.03	15.27	15.22	16.00
5	64QAM	1	24	15.13	15.21	15.21	16.00
5	64QAM	12	0	15.05	15.22	15.21	16.00
5	64QAM	12	7	15.25	15.36	15.37	16.00
5	64QAM	12	13	15.18	15.27	15.34	16.00
5	64QAM	25	0	15.07	15.28	15.18	16.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	15.04	15.13	15.16	16.00
3	QPSK	1	8	15.15	15.22	15.26	16.00
3	QPSK	1	14	15.00	15.18	15.09	16.00
3	QPSK	8	0	15.04	15.22	15.27	16.00
3	QPSK	8	4	15.11	15.26	15.31	16.00
3	QPSK	8	7	15.17	15.31	15.32	16.00
3	QPSK	15	0	15.05	15.29	15.13	16.00
3	16QAM	1	0	15.35	15.49	15.48	16.00
3	16QAM	1	8	15.26	15.54	15.54	16.00
3	16QAM	1	14	15.21	15.40	15.42	16.00
3	16QAM	8	0	15.01	15.18	15.29	16.00
3	16QAM	8	4	15.01	15.25	15.30	16.00
3	16QAM	8	7	15.12	15.26	15.18	16.00
3	16QAM	15	0	15.09	15.33	15.20	16.00
3	64QAM	1	0	15.29	15.35	15.41	16.00
3	64QAM	1	8	15.06	15.18	15.26	16.00
3	64QAM	1	14	15.04	15.19	15.22	16.00
3	64QAM	8	0	15.07	15.30	15.21	16.00
3	64QAM	8	4	15.25	15.40	15.45	16.00
3	64QAM	8	7	15.09	15.27	15.29	16.00
3	64QAM	15	0	15.10	15.30	15.27	16.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	15.01	15.08	15.17	16.00
1.4	QPSK	1	3	15.07	15.26	15.35	16.00
1.4	QPSK	1	5	15.04	15.15	15.10	16.00
1.4	QPSK	3	0	15.07	15.29	15.18	16.00
1.4	QPSK	3	1	15.11	15.22	15.25	16.00
1.4	QPSK	3	3	15.09	15.24	15.32	16.00
1.4	QPSK	6	0	15.01	15.24	15.22	16.00
1.4	16QAM	1	0	15.34	15.49	15.44	16.00
1.4	16QAM	1	3	15.30	15.52	15.51	16.00
1.4	16QAM	1	5	15.24	15.38	15.42	16.00
1.4	16QAM	3	0	15.09	15.17	15.27	16.00
1.4	16QAM	3	1	14.98	15.19	15.32	16.00
1.4	16QAM	3	3	15.09	15.30	15.25	16.00
1.4	16QAM	6	0	15.13	15.25	15.21	16.00
1.4	64QAM	1	0	15.26	15.39	15.45	16.00
1.4	64QAM	1	3	15.11	15.16	15.19	16.00
1.4	64QAM	1	5	15.06	15.18	15.18	16.00
1.4	64QAM	3	0	15.08	15.35	15.24	16.00
1.4	64QAM	3	1	15.18	15.36	15.37	16.00
1.4	64QAM	3	3	15.09	15.38	15.30	16.00
1.4	64QAM	6	0	15.07	15.31	15.23	16.00



【LTE Band 2_Ant 1_DSI 4 Body-worn】

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	13.50
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	13.04	13.09	13.15	13.50
20	QPSK	1	49	12.86	12.99	13.04	13.50
20	QPSK	1	99	12.70	12.89	12.86	13.50
20	QPSK	50	0	12.90	13.09	13.10	13.50
20	QPSK	50	24	12.96	13.04	13.03	13.50
20	QPSK	50	50	12.85	13.00	13.02	13.50
20	QPSK	100	0	12.89	13.02	13.00	13.50
20	16QAM	1	0	12.79	12.87	12.80	13.50
20	16QAM	1	49	12.92	13.10	13.06	13.50
20	16QAM	1	99	12.87	13.03	13.03	13.50
20	16QAM	50	0	12.83	13.00	13.04	13.50
20	16QAM	50	24	12.91	12.99	13.02	13.50
20	16QAM	50	50	12.86	13.04	12.97	13.50
20	16QAM	100	0	12.89	13.03	12.94	13.50
20	64QAM	1	0	12.62	12.77	12.69	13.50
20	64QAM	1	49	12.94	13.07	13.09	13.50
20	64QAM	1	99	12.92	13.02	12.96	13.50
20	64QAM	50	0	12.91	13.06	13.09	13.50
20	64QAM	50	24	12.80	12.99	12.90	13.50
20	64QAM	50	50	12.85	13.05	12.99	13.50
20	64QAM	100	0	12.88	13.04	13.04	13.50
Channel				18675	18900	19125	13.50
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	13.02	13.00	13.03	13.50
15	QPSK	1	37	12.80	12.96	12.95	13.50
15	QPSK	1	74	12.62	12.83	12.74	13.50
15	QPSK	36	0	12.88	13.03	13.06	13.50
15	QPSK	36	20	12.89	13.01	12.94	13.50
15	QPSK	36	39	12.74	12.97	12.95	13.50
15	QPSK	75	0	12.79	13.00	12.93	13.50
15	16QAM	1	0	12.76	12.73	12.73	13.50
15	16QAM	1	37	12.81	13.02	12.91	13.50
15	16QAM	1	74	12.73	12.88	12.88	13.50
15	16QAM	36	0	12.76	12.86	12.99	13.50
15	16QAM	36	20	12.82	12.98	12.98	13.50
15	16QAM	36	39	12.82	13.03	12.89	13.50
15	16QAM	75	0	12.81	12.95	12.90	13.50
15	64QAM	1	0	12.56	12.76	12.67	13.50
15	64QAM	1	37	12.91	12.95	12.99	13.50
15	64QAM	1	74	12.89	12.89	12.85	13.50
15	64QAM	36	0	12.88	13.00	13.00	13.50
15	64QAM	36	20	12.76	12.96	12.77	13.50
15	64QAM	36	39	12.79	12.97	12.87	13.50
15	64QAM	75	0	12.75	12.95	12.90	13.50
Channel				18650	18900	19150	13.50
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	13.01	13.00	13.09	13.50
10	QPSK	1	25	12.84	12.91	12.99	13.50
10	QPSK	1	49	12.68	12.77	12.82	13.50
10	QPSK	25	0	12.87	13.00	12.94	13.50
10	QPSK	25	12	12.84	12.98	13.00	13.50
10	QPSK	25	25	12.73	12.90	12.90	13.50
10	QPSK	50	0	12.83	12.89	12.95	13.50
10	16QAM	1	0	12.78	12.73	12.69	13.50
10	16QAM	1	25	12.87	13.08	12.94	13.50
10	16QAM	1	49	12.73	12.92	13.00	13.50
10	16QAM	25	0	12.70	12.94	12.99	13.50
10	16QAM	25	12	12.81	12.93	12.99	13.50
10	16QAM	25	25	12.82	12.98	12.84	13.50
10	16QAM	50	0	12.78	12.90	12.87	13.50
10	64QAM	1	0	12.61	12.75	12.60	13.50
10	64QAM	1	25	12.89	12.96	12.96	13.50
10	64QAM	1	49	12.90	12.88	12.84	13.50
10	64QAM	25	0	12.87	12.97	12.99	13.50
10	64QAM	25	12	12.77	12.94	12.79	13.50
10	64QAM	25	25	12.72	12.99	12.87	13.50
10	64QAM	50	0	12.81	12.95	12.96	13.50



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	12.95	12.97	13.12	13.50
5	QPSK	1	12	12.83	12.97	12.97	13.50
5	QPSK	1	24	12.65	12.78	12.79	13.50
5	QPSK	12	0	12.77	13.05	13.06	13.50
5	QPSK	12	7	12.95	12.91	12.97	13.50
5	QPSK	12	13	12.78	12.87	12.90	13.50
5	QPSK	25	0	12.83	12.94	12.93	13.50
5	16QAM	1	0	12.76	12.83	12.76	13.50
5	16QAM	1	12	12.89	12.96	13.01	13.50
5	16QAM	1	24	12.83	12.95	12.93	13.50
5	16QAM	12	0	12.80	12.97	12.97	13.50
5	16QAM	12	7	12.80	12.91	12.96	13.50
5	16QAM	12	13	12.79	12.97	12.82	13.50
5	16QAM	25	0	12.86	13.00	12.81	13.50
5	64QAM	1	0	12.51	12.68	12.66	13.50
5	64QAM	1	12	12.92	12.93	13.06	13.50
5	64QAM	1	24	12.79	13.00	12.90	13.50
5	64QAM	12	0	12.80	13.04	13.03	13.50
5	64QAM	12	7	12.76	12.88	12.81	13.50
5	64QAM	12	13	12.83	13.01	12.88	13.50
5	64QAM	25	0	12.75	12.93	12.92	13.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	12.90	12.96	13.02	13.50
3	QPSK	1	8	12.81	12.93	12.92	13.50
3	QPSK	1	14	12.56	12.85	12.72	13.50
3	QPSK	8	0	12.81	13.06	13.04	13.50
3	QPSK	8	4	12.87	12.97	12.95	13.50
3	QPSK	8	7	12.77	12.97	12.88	13.50
3	QPSK	15	0	12.74	13.00	12.98	13.50
3	16QAM	1	0	12.69	12.81	12.70	13.50
3	16QAM	1	8	12.85	12.96	13.03	13.50
3	16QAM	1	14	12.77	13.01	13.01	13.50
3	16QAM	8	0	12.77	12.96	12.99	13.50
3	16QAM	8	4	12.84	12.92	13.00	13.50
3	16QAM	8	7	12.85	12.94	12.86	13.50
3	16QAM	15	0	12.80	13.00	12.86	13.50
3	64QAM	1	0	12.50	12.65	12.61	13.50
3	64QAM	1	8	12.93	13.03	12.96	13.50
3	64QAM	1	14	12.84	12.93	12.90	13.50
3	64QAM	8	0	12.80	13.05	13.05	13.50
3	64QAM	8	4	12.66	12.89	12.88	13.50
3	64QAM	8	7	12.79	12.96	12.90	13.50
3	64QAM	15	0	12.83	12.94	12.91	13.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	12.99	13.08	13.02	13.50
1.4	QPSK	1	3	12.77	12.90	13.03	13.50
1.4	QPSK	1	5	12.67	12.75	12.85	13.50
1.4	QPSK	3	0	12.79	12.99	12.95	13.50
1.4	QPSK	3	1	12.91	13.00	12.89	13.50
1.4	QPSK	3	3	12.71	12.87	13.00	13.50
1.4	QPSK	6	0	12.81	12.93	12.94	13.50
1.4	16QAM	1	0	12.73	12.74	12.75	13.50
1.4	16QAM	1	3	12.79	13.07	12.98	13.50
1.4	16QAM	1	5	12.75	12.91	13.01	13.50
1.4	16QAM	3	0	12.77	12.94	12.96	13.50
1.4	16QAM	3	1	12.86	12.93	12.93	13.50
1.4	16QAM	3	3	12.76	12.92	12.94	13.50
1.4	16QAM	6	0	12.82	12.93	12.80	13.50
1.4	64QAM	1	0	12.54	12.71	12.58	13.50
1.4	64QAM	1	3	12.87	13.04	13.02	13.50
1.4	64QAM	1	5	12.79	13.00	12.90	13.50
1.4	64QAM	3	0	12.78	13.04	13.06	13.50
1.4	64QAM	3	1	12.68	12.97	12.88	13.50
1.4	64QAM	3	3	12.78	12.96	12.89	13.50
1.4	64QAM	6	0	12.82	12.99	12.93	13.50



【LTE Band 2_Ant 1_DSI 4 Extremity】

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	13.50
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	13.04	13.09	13.15	13.50
20	QPSK	1	49	12.86	12.99	13.04	13.50
20	QPSK	1	99	12.70	12.89	12.86	13.50
20	QPSK	50	0	12.90	13.09	13.10	13.50
20	QPSK	50	24	12.96	13.04	13.03	13.50
20	QPSK	50	50	12.85	13.00	13.02	13.50
20	QPSK	100	0	12.89	13.02	13.00	13.50
20	16QAM	1	0	12.79	12.87	12.80	13.50
20	16QAM	1	49	12.92	13.10	13.06	13.50
20	16QAM	1	99	12.87	13.03	13.03	13.50
20	16QAM	50	0	12.83	13.00	13.04	13.50
20	16QAM	50	24	12.91	12.99	13.02	13.50
20	16QAM	50	50	12.86	13.04	12.97	13.50
20	16QAM	100	0	12.89	13.03	12.94	13.50
20	64QAM	1	0	12.62	12.77	12.69	13.50
20	64QAM	1	49	12.94	13.07	13.09	13.50
20	64QAM	1	99	12.92	13.02	12.96	13.50
20	64QAM	50	0	12.91	13.06	13.09	13.50
20	64QAM	50	24	12.80	12.99	12.90	13.50
20	64QAM	50	50	12.85	13.05	12.99	13.50
20	64QAM	100	0	12.88	13.04	13.04	13.50
Channel				18675	18900	19125	13.50
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	12.93	13.00	13.13	13.50
15	QPSK	1	37	12.78	12.88	12.97	13.50
15	QPSK	1	74	12.55	12.81	12.85	13.50
15	QPSK	36	0	12.82	12.99	12.96	13.50
15	QPSK	36	20	12.87	12.98	12.99	13.50
15	QPSK	36	39	12.73	12.86	12.88	13.50
15	QPSK	75	0	12.82	12.92	12.94	13.50
15	16QAM	1	0	12.70	12.85	12.66	13.50
15	16QAM	1	37	12.85	13.01	12.93	13.50
15	16QAM	1	74	12.83	12.92	12.88	13.50
15	16QAM	36	0	12.68	12.96	12.96	13.50
15	16QAM	36	20	12.87	12.87	12.93	13.50
15	16QAM	36	39	12.74	13.03	12.91	13.50
15	16QAM	75	0	12.77	12.96	12.80	13.50
15	64QAM	1	0	12.60	12.71	12.66	13.50
15	64QAM	1	37	12.92	13.04	13.07	13.50
15	64QAM	1	74	12.90	12.88	12.86	13.50
15	64QAM	36	0	12.85	13.01	13.04	13.50
15	64QAM	36	20	12.78	12.98	12.79	13.50
15	64QAM	36	39	12.78	12.91	12.86	13.50
15	64QAM	75	0	12.78	12.92	12.90	13.50
Channel				18650	18900	19150	13.50
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	12.99	13.01	13.14	13.50
10	QPSK	1	25	12.80	12.84	12.90	13.50
10	QPSK	1	49	12.59	12.79	12.74	13.50
10	QPSK	25	0	12.86	13.02	12.97	13.50
10	QPSK	25	12	12.89	13.01	12.99	13.50
10	QPSK	25	25	12.70	12.95	12.92	13.50
10	QPSK	50	0	12.74	12.96	12.94	13.50
10	16QAM	1	0	12.69	12.73	12.74	13.50
10	16QAM	1	25	12.86	13.02	12.98	13.50
10	16QAM	1	49	12.77	12.88	13.02	13.50
10	16QAM	25	0	12.78	12.96	12.94	13.50
10	16QAM	25	12	12.79	12.89	12.95	13.50
10	16QAM	25	25	12.83	12.95	12.88	13.50
10	16QAM	50	0	12.75	12.93	12.92	13.50
10	64QAM	1	0	12.48	12.64	12.67	13.50
10	64QAM	1	25	12.91	12.98	12.98	13.50
10	64QAM	1	49	12.78	12.96	12.91	13.50
10	64QAM	25	0	12.85	12.97	13.04	13.50
10	64QAM	25	12	12.73	12.85	12.81	13.50
10	64QAM	25	25	12.82	12.99	12.91	13.50
10	64QAM	50	0	12.75	12.91	12.93	13.50



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	12.95	13.07	13.07	13.50
5	QPSK	1	12	12.78	12.92	12.97	13.50
5	QPSK	1	24	12.62	12.84	12.72	13.50
5	QPSK	12	0	12.76	13.05	13.05	13.50
5	QPSK	12	7	12.87	13.00	12.96	13.50
5	QPSK	12	13	12.84	12.89	12.88	13.50
5	QPSK	25	0	12.76	12.99	12.94	13.50
5	16QAM	1	0	12.68	12.73	12.78	13.50
5	16QAM	1	12	12.90	13.00	13.04	13.50
5	16QAM	1	24	12.74	12.89	12.95	13.50
5	16QAM	12	0	12.80	12.91	12.94	13.50
5	16QAM	12	7	12.78	12.94	12.91	13.50
5	16QAM	12	13	12.79	12.90	12.87	13.50
5	16QAM	25	0	12.83	12.95	12.92	13.50
5	64QAM	1	0	12.49	12.70	12.60	13.50
5	64QAM	1	12	12.88	13.02	13.01	13.50
5	64QAM	1	24	12.85	12.99	12.89	13.50
5	64QAM	12	0	12.83	12.97	13.08	13.50
5	64QAM	12	7	12.71	12.86	12.87	13.50
5	64QAM	12	13	12.80	12.91	12.90	13.50
5	64QAM	25	0	12.74	13.00	12.96	13.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	13.00	12.99	13.12	13.50
3	QPSK	1	8	12.75	12.93	12.95	13.50
3	QPSK	1	14	12.66	12.84	12.73	13.50
3	QPSK	8	0	12.82	12.95	12.96	13.50
3	QPSK	8	4	12.87	12.92	12.90	13.50
3	QPSK	8	7	12.81	12.99	12.97	13.50
3	QPSK	15	0	12.80	12.96	12.88	13.50
3	16QAM	1	0	12.75	12.76	12.68	13.50
3	16QAM	1	8	12.78	13.05	12.95	13.50
3	16QAM	1	14	12.83	13.00	12.93	13.50
3	16QAM	8	0	12.73	12.85	12.98	13.50
3	16QAM	8	4	12.82	12.87	12.97	13.50
3	16QAM	8	7	12.75	12.92	12.84	13.50
3	16QAM	15	0	12.77	12.94	12.90	13.50
3	64QAM	1	0	12.60	12.65	12.64	13.50
3	64QAM	1	8	12.85	12.99	13.07	13.50
3	64QAM	1	14	12.80	12.94	12.83	13.50
3	64QAM	8	0	12.85	13.03	13.04	13.50
3	64QAM	8	4	12.75	12.95	12.85	13.50
3	64QAM	8	7	12.72	13.00	12.88	13.50
3	64QAM	15	0	12.76	13.02	12.99	13.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	13.00	12.96	13.11	13.50
1.4	QPSK	1	3	12.78	12.87	12.96	13.50
1.4	QPSK	1	5	12.66	12.77	12.81	13.50
1.4	QPSK	3	0	12.78	13.05	13.06	13.50
1.4	QPSK	3	1	12.82	12.94	12.91	13.50
1.4	QPSK	3	3	12.74	12.98	12.89	13.50
1.4	QPSK	6	0	12.84	12.94	12.94	13.50
1.4	16QAM	1	0	12.65	12.78	12.72	13.50
1.4	16QAM	1	3	12.90	13.07	12.94	13.50
1.4	16QAM	1	5	12.81	12.91	12.99	13.50
1.4	16QAM	3	0	12.78	12.86	13.03	13.50
1.4	16QAM	3	1	12.87	12.84	12.94	13.50
1.4	16QAM	3	3	12.82	12.95	12.86	13.50
1.4	16QAM	6	0	12.81	12.99	12.83	13.50
1.4	64QAM	1	0	12.50	12.63	12.57	13.50
1.4	64QAM	1	3	12.83	12.93	12.95	13.50
1.4	64QAM	1	5	12.90	12.89	12.84	13.50
1.4	64QAM	3	0	12.79	13.04	13.03	13.50
1.4	64QAM	3	1	12.72	12.91	12.78	13.50
1.4	64QAM	3	3	12.71	13.00	12.88	13.50
1.4	64QAM	6	0	12.74	12.95	13.00	13.50



【LTE Band 2_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				18700	18900	19100	11.50
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	10.60	10.66	11.10	11.50
20	QPSK	1	49	10.82	10.94	10.88	11.50
20	QPSK	1	99	10.77	10.86	10.74	11.50
20	QPSK	50	0	10.97	11.05	11.09	11.50
20	QPSK	50	24	10.86	11.02	10.95	11.50
20	QPSK	50	50	10.89	11.01	11.07	11.50
20	QPSK	100	0	10.88	11.04	10.91	11.50
20	16QAM	1	0	10.67	10.88	10.78	11.50
20	16QAM	1	49	11.05	11.15	11.13	11.50
20	16QAM	1	99	10.81	10.99	10.86	11.50
20	16QAM	50	0	10.92	11.00	11.01	11.50
20	16QAM	50	24	10.92	11.05	10.94	11.50
20	16QAM	50	50	10.85	10.94	10.86	11.50
20	16QAM	100	0	10.84	10.95	10.95	11.50
20	64QAM	1	0	10.67	10.77	10.64	11.50
20	64QAM	1	49	10.80	10.89	10.82	11.50
20	64QAM	1	99	10.65	10.77	10.71	11.50
20	64QAM	50	0	10.66	10.81	10.79	11.50
20	64QAM	50	24	10.67	10.85	10.83	11.50
20	64QAM	50	50	10.63	10.79	10.70	11.50
20	64QAM	100	0	10.70	10.81	10.81	11.50
Channel				18675	18900	19125	11.50
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	10.59	10.52	10.53	11.50
15	QPSK	1	37	10.73	10.89	10.75	11.50
15	QPSK	1	74	10.69	10.73	10.62	11.50
15	QPSK	36	0	10.84	10.94	10.96	11.50
15	QPSK	36	20	10.78	10.89	10.87	11.50
15	QPSK	36	39	10.87	10.96	10.96	11.50
15	QPSK	75	0	10.80	10.95	10.85	11.50
15	16QAM	1	0	10.63	10.76	10.74	11.50
15	16QAM	1	37	11.03	11.11	11.00	11.50
15	16QAM	1	74	10.68	10.97	10.76	11.50
15	16QAM	36	0	10.84	10.85	10.96	11.50
15	16QAM	36	20	10.80	10.95	10.83	11.50
15	16QAM	36	39	10.84	10.82	10.80	11.50
15	16QAM	75	0	10.81	10.89	10.83	11.50
15	64QAM	1	0	10.56	10.62	10.63	11.50
15	64QAM	1	37	10.70	10.85	10.75	11.50
15	64QAM	1	74	10.63	10.63	10.69	11.50
15	64QAM	36	0	10.64	10.67	10.77	11.50
15	64QAM	36	20	10.64	10.82	10.81	11.50
15	64QAM	36	39	10.53	10.74	10.62	11.50
15	64QAM	75	0	10.60	10.79	10.76	11.50
Channel				18650	18900	19150	11.50
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	10.52	10.56	10.64	11.50
10	QPSK	1	25	10.79	10.86	10.74	11.50
10	QPSK	1	49	10.69	10.76	10.69	11.50
10	QPSK	25	0	10.94	10.96	10.97	11.50
10	QPSK	25	12	10.85	10.96	10.86	11.50
10	QPSK	25	25	10.78	10.99	11.01	11.50
10	QPSK	50	0	10.83	10.98	10.89	11.50
10	16QAM	1	0	10.52	10.78	10.65	11.50
10	16QAM	1	25	10.94	11.08	11.05	11.50
10	16QAM	1	49	10.72	10.86	10.72	11.50
10	16QAM	25	0	10.81	10.88	10.94	11.50
10	16QAM	25	12	10.84	11.00	10.88	11.50
10	16QAM	25	25	10.80	10.84	10.80	11.50
10	16QAM	50	0	10.82	10.85	10.85	11.50
10	64QAM	1	0	10.59	10.76	10.50	11.50
10	64QAM	1	25	10.76	10.82	10.71	11.50
10	64QAM	1	49	10.50	10.63	10.57	11.50
10	64QAM	25	0	10.54	10.77	10.74	11.50
10	64QAM	25	12	10.54	10.76	10.70	11.50
10	64QAM	25	25	10.50	10.74	10.59	11.50
10	64QAM	50	0	10.68	10.75	10.73	11.50



Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	10.56	10.61	10.66	11.50
5	QPSK	1	12	10.80	10.89	10.79	11.50
5	QPSK	1	24	10.72	10.83	10.65	11.50
5	QPSK	12	0	10.95	10.98	10.91	11.50
5	QPSK	12	7	10.81	10.92	10.83	11.50
5	QPSK	12	13	10.87	10.96	11.05	11.50
5	QPSK	25	0	10.77	10.92	10.85	11.50
5	16QAM	1	0	10.56	10.86	10.68	11.50
5	16QAM	1	12	10.91	11.14	11.11	11.50
5	16QAM	1	24	10.75	10.91	10.79	11.50
5	16QAM	12	0	10.83	10.88	10.99	11.50
5	16QAM	12	7	10.86	10.93	10.88	11.50
5	16QAM	12	13	10.75	10.88	10.78	11.50
5	16QAM	25	0	10.76	10.82	10.88	11.50
5	64QAM	1	0	10.55	10.76	10.60	11.50
5	64QAM	1	12	10.69	10.75	10.67	11.50
5	64QAM	1	24	10.56	10.73	10.65	11.50
5	64QAM	12	0	10.61	10.73	10.74	11.50
5	64QAM	12	7	10.62	10.70	10.73	11.50
5	64QAM	12	13	10.59	10.72	10.60	11.50
5	64QAM	25	0	10.63	10.75	10.76	11.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	10.48	10.54	10.60	11.50
3	QPSK	1	8	10.79	10.81	10.83	11.50
3	QPSK	1	14	10.71	10.75	10.72	11.50
3	QPSK	8	0	10.96	11.03	10.99	11.50
3	QPSK	8	4	10.78	11.00	10.88	11.50
3	QPSK	8	7	10.84	11.03	11.03	11.50
3	QPSK	15	0	10.80	11.03	10.79	11.50
3	16QAM	1	0	10.63	10.86	10.71	11.50
3	16QAM	1	8	10.98	11.06	11.07	11.50
3	16QAM	1	14	10.75	10.87	10.84	11.50
3	16QAM	8	0	10.87	10.93	10.89	11.50
3	16QAM	8	4	10.77	10.91	10.89	11.50
3	16QAM	8	7	10.70	10.85	10.79	11.50
3	16QAM	15	0	10.82	10.86	10.85	11.50
3	64QAM	1	0	10.58	10.64	10.61	11.50
3	64QAM	1	8	10.67	10.81	10.79	11.50
3	64QAM	1	14	10.58	10.71	10.60	11.50
3	64QAM	8	0	10.54	10.74	10.73	11.50
3	64QAM	8	4	10.63	10.74	10.70	11.50
3	64QAM	8	7	10.52	10.77	10.65	11.50
3	64QAM	15	0	10.62	10.69	10.70	11.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	10.57	10.59	10.56	11.50
1.4	QPSK	1	3	10.80	10.81	10.86	11.50
1.4	QPSK	1	5	10.71	10.76	10.60	11.50
1.4	QPSK	3	0	10.93	10.95	10.92	11.50
1.4	QPSK	3	1	10.79	10.90	10.90	11.50
1.4	QPSK	3	3	10.82	11.05	10.93	11.50
1.4	QPSK	6	0	10.79	10.98	10.82	11.50
1.4	16QAM	1	0	10.65	10.76	10.76	11.50
1.4	16QAM	1	3	10.97	11.11	11.09	11.50
1.4	16QAM	1	5	10.71	10.92	10.79	11.50
1.4	16QAM	3	0	10.90	10.92	10.96	11.50
1.4	16QAM	3	1	10.87	10.93	10.83	11.50
1.4	16QAM	3	3	10.74	10.81	10.81	11.50
1.4	16QAM	6	0	10.82	10.83	10.90	11.50
1.4	64QAM	1	0	10.63	10.70	10.60	11.50
1.4	64QAM	1	3	10.78	10.86	10.77	11.50
1.4	64QAM	1	5	10.60	10.76	10.58	11.50
1.4	64QAM	3	0	10.55	10.66	10.78	11.50
1.4	64QAM	3	1	10.64	10.80	10.71	11.50
1.4	64QAM	3	3	10.56	10.75	10.62	11.50
1.4	64QAM	6	0	10.64	10.77	10.70	11.50



【LTE Band 5_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.07	23.13	22.95	24.00
10	QPSK	1	25	23.00	23.09	22.89	24.00
10	QPSK	1	49	22.99	23.04	22.84	24.00
10	QPSK	25	0	21.91	21.98	21.84	23.00
10	QPSK	25	12	21.94	21.92	21.85	23.00
10	QPSK	25	25	21.90	21.84	21.90	23.00
10	QPSK	50	0	21.82	22.02	21.83	23.00
10	16QAM	1	0	22.18	22.33	22.26	23.00
10	16QAM	1	25	22.22	22.20	22.25	23.00
10	16QAM	1	49	22.24	22.18	22.18	23.00
10	16QAM	25	0	20.90	21.04	20.97	22.00
10	16QAM	25	12	20.91	20.93	20.93	22.00
10	16QAM	25	25	20.92	20.97	20.97	22.00
10	16QAM	50	0	20.95	21.09	20.90	22.00
10	64QAM	1	0	21.16	21.19	21.18	22.00
10	64QAM	1	25	21.13	21.17	21.15	22.00
10	64QAM	1	49	21.19	21.15	21.14	22.00
10	64QAM	25	0	19.91	20.02	19.95	21.00
10	64QAM	25	12	19.87	19.92	19.96	21.00
10	64QAM	25	25	19.97	19.87	19.97	21.00
10	64QAM	50	0	19.95	20.06	19.86	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.03	23.09	22.85	24.00
5	QPSK	1	12	22.90	22.97	22.81	24.00
5	QPSK	1	24	22.97	23.03	22.72	24.00
5	QPSK	12	0	21.85	21.97	21.70	23.00
5	QPSK	12	7	21.83	21.87	21.72	23.00
5	QPSK	12	13	21.81	21.73	21.76	23.00
5	QPSK	25	0	21.76	21.91	21.78	23.00
5	16QAM	1	0	22.06	22.22	22.16	23.00
5	16QAM	1	12	22.21	22.10	22.18	23.00
5	16QAM	1	24	22.11	22.15	22.14	23.00
5	16QAM	12	0	20.81	20.90	20.85	22.00
5	16QAM	12	7	20.82	20.80	20.81	22.00
5	16QAM	12	13	20.87	20.89	20.91	22.00
5	16QAM	25	0	20.81	21.06	20.78	22.00
5	64QAM	1	0	21.10	21.05	21.06	22.00
5	64QAM	1	12	21.07	21.06	21.09	22.00
5	64QAM	1	24	21.07	21.02	21.05	22.00
5	64QAM	12	0	19.87	19.90	19.88	21.00
5	64QAM	12	7	19.79	19.85	19.88	21.00
5	64QAM	12	13	19.90	19.84	19.94	21.00
5	64QAM	25	0	19.92	19.96	19.77	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.94	23.07	22.87	24.00
3	QPSK	1	8	22.91	23.00	22.86	24.00
3	QPSK	1	14	22.85	22.90	22.75	24.00
3	QPSK	8	0	21.81	21.84	21.77	23.00
3	QPSK	8	4	21.83	21.82	21.73	23.00
3	QPSK	8	7	21.86	21.80	21.79	23.00
3	QPSK	15	0	21.80	21.89	21.79	23.00
3	16QAM	1	0	22.12	22.22	22.20	23.00
3	16QAM	1	8	22.12	22.17	22.20	23.00
3	16QAM	1	14	22.16	22.04	22.06	23.00
3	16QAM	8	0	20.80	20.94	20.85	22.00
3	16QAM	8	4	20.90	20.85	20.83	22.00
3	16QAM	8	7	20.88	20.89	20.90	22.00
3	16QAM	15	0	20.91	21.06	20.79	22.00
3	64QAM	1	0	21.13	21.10	21.16	22.00
3	64QAM	1	8	21.03	21.09	21.11	22.00
3	64QAM	1	14	21.16	21.06	21.02	22.00
3	64QAM	8	0	19.86	19.89	19.83	21.00
3	64QAM	8	4	19.77	19.88	19.89	21.00
3	64QAM	8	7	19.89	19.75	19.85	21.00
3	64QAM	15	0	19.85	19.97	19.78	21.00



Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.05	23.11	22.82	24.00
1.4	QPSK	1	3	22.92	23.00	22.81	24.00
1.4	QPSK	1	5	22.90	22.99	22.81	24.00
1.4	QPSK	3	0	22.80	22.91	22.69	24.00
1.4	QPSK	3	1	22.82	22.81	22.81	24.00
1.4	QPSK	3	3	22.78	22.74	22.83	24.00
1.4	QPSK	6	0	21.78	21.91	21.77	23.00
1.4	16QAM	1	0	22.11	22.23	22.12	23.00
1.4	16QAM	1	3	22.17	22.11	22.19	23.00
1.4	16QAM	1	5	22.13	22.16	22.10	23.00
1.4	16QAM	3	0	21.85	21.92	21.83	23.00
1.4	16QAM	3	1	21.82	21.78	21.89	23.00
1.4	16QAM	3	3	21.87	21.91	21.83	23.00
1.4	16QAM	6	0	20.81	21.03	20.77	22.00
1.4	64QAM	1	0	21.11	21.15	21.15	22.00
1.4	64QAM	1	3	21.03	21.16	21.11	22.00
1.4	64QAM	1	5	21.10	21.05	21.13	22.00
1.4	64QAM	3	0	20.83	21.01	20.88	22.00
1.4	64QAM	3	1	20.81	20.79	20.81	22.00
1.4	64QAM	3	3	20.95	20.84	20.88	22.00
1.4	64QAM	6	0	19.90	20.02	19.78	21.00

【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				20450	20525	20600	(dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.07	23.13	22.95	24.00
10	QPSK	1	25	23.00	23.09	22.89	24.00
10	QPSK	1	49	22.99	23.04	22.84	24.00
10	QPSK	25	0	21.91	21.98	21.84	23.00
10	QPSK	25	12	21.94	21.92	21.85	23.00
10	QPSK	25	25	21.90	21.84	21.90	23.00
10	QPSK	50	0	21.82	22.02	21.83	23.00
10	16QAM	1	0	22.18	22.33	22.26	23.00
10	16QAM	1	25	22.22	22.20	22.25	23.00
10	16QAM	1	49	22.24	22.18	22.18	23.00
10	16QAM	25	0	20.90	21.04	20.97	22.00
10	16QAM	25	12	20.91	20.93	20.93	22.00
10	16QAM	25	25	20.92	20.97	20.97	22.00
10	16QAM	50	0	20.95	21.09	20.90	22.00
10	64QAM	1	0	21.16	21.19	21.18	22.00
10	64QAM	1	25	21.13	21.17	21.15	22.00
10	64QAM	1	49	21.19	21.15	21.14	22.00
10	64QAM	25	0	19.91	20.02	19.95	21.00
10	64QAM	25	12	19.87	19.92	19.96	21.00
10	64QAM	25	25	19.97	19.87	19.97	21.00
10	64QAM	50	0	19.95	20.06	19.86	21.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.99	23.06	22.82	24.00
5	QPSK	1	12	22.89	22.99	22.82	24.00
5	QPSK	1	24	22.95	22.98	22.74	24.00
5	QPSK	12	0	21.78	21.86	21.73	23.00
5	QPSK	12	7	21.92	21.90	21.70	23.00
5	QPSK	12	13	21.75	21.79	21.83	23.00
5	QPSK	25	0	21.73	21.93	21.70	23.00
5	16QAM	1	0	22.12	22.30	22.23	23.00
5	16QAM	1	12	22.15	22.09	22.13	23.00
5	16QAM	1	24	22.10	22.15	22.06	23.00
5	16QAM	12	0	20.77	21.01	20.88	22.00
5	16QAM	12	7	20.78	20.80	20.84	22.00
5	16QAM	12	13	20.80	20.91	20.92	22.00
5	16QAM	25	0	20.89	21.04	20.85	22.00
5	64QAM	1	0	21.06	21.05	21.07	22.00
5	64QAM	1	12	21.05	21.15	21.10	22.00
5	64QAM	1	24	21.12	21.02	21.05	22.00
5	64QAM	12	0	19.82	19.88	19.82	21.00
5	64QAM	12	7	19.84	19.80	19.92	21.00
5	64QAM	12	13	19.91	19.73	19.95	21.00



5	64QAM	25	0	19.83	19.95	19.84	21.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.03	22.93	24.00
3	QPSK	1	8	22.96	22.98	22.87	24.00
3	QPSK	1	14	22.94	22.92	22.79	24.00
3	QPSK	8	0	21.76	21.84	21.72	23.00
3	QPSK	8	4	21.87	21.88	21.71	23.00
3	QPSK	8	7	21.85	21.70	21.76	23.00
3	QPSK	15	0	21.77	21.97	21.70	23.00
3	16QAM	1	0	22.03	22.20	22.23	23.00
3	16QAM	1	8	22.11	22.10	22.13	23.00
3	16QAM	1	14	22.12	22.06	22.09	23.00
3	16QAM	8	0	20.77	20.90	20.87	22.00
3	16QAM	8	4	20.87	20.87	20.90	22.00
3	16QAM	8	7	20.83	20.90	20.86	22.00
3	16QAM	15	0	20.84	21.05	20.86	22.00
3	64QAM	1	0	21.10	21.13	21.12	22.00
3	64QAM	1	8	21.06	21.09	21.05	22.00
3	64QAM	1	14	21.11	21.06	21.13	22.00
3	64QAM	8	0	19.84	19.99	19.88	21.00
3	64QAM	8	4	19.73	19.85	19.81	21.00
3	64QAM	8	7	19.85	19.85	19.88	21.00
3	64QAM	15	0	19.88	19.93	19.83	21.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.98	22.99	22.91	24.00
1.4	QPSK	1	3	22.90	23.02	22.77	24.00
1.4	QPSK	1	5	22.97	22.99	22.79	24.00
1.4	QPSK	3	0	22.82	22.89	22.73	24.00
1.4	QPSK	3	1	22.86	22.89	22.71	24.00
1.4	QPSK	3	3	22.81	22.80	22.75	24.00
1.4	QPSK	6	0	21.75	21.87	21.71	23.00
1.4	16QAM	1	0	22.16	22.26	22.13	23.00
1.4	16QAM	1	3	22.19	22.09	22.22	23.00
1.4	16QAM	1	5	22.21	22.12	22.08	23.00
1.4	16QAM	3	0	21.76	21.98	21.90	23.00
1.4	16QAM	3	1	21.82	21.86	21.92	23.00
1.4	16QAM	3	3	21.78	21.84	21.86	23.00
1.4	16QAM	6	0	20.94	20.95	20.80	22.00
1.4	64QAM	1	0	21.08	21.05	21.12	22.00
1.4	64QAM	1	3	21.12	21.10	21.13	22.00
1.4	64QAM	1	5	21.04	21.13	21.02	22.00
1.4	64QAM	3	0	20.77	20.92	20.81	22.00
1.4	64QAM	3	1	20.79	20.88	20.82	22.00
1.4	64QAM	3	3	20.94	20.85	20.95	22.00
1.4	64QAM	6	0	19.90	19.99	19.78	21.00

【LTE Band 5_Ant 0_DSI 4 Body-worn】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.07	23.13	22.95	24.00
10	QPSK	1	25	23.00	23.09	22.89	24.00
10	QPSK	1	49	22.99	23.04	22.84	24.00
10	QPSK	25	0	21.91	21.98	21.84	23.00
10	QPSK	25	12	21.94	21.92	21.85	23.00
10	QPSK	25	25	21.90	21.84	21.90	23.00
10	QPSK	50	0	21.82	22.02	21.83	23.00
10	16QAM	1	0	22.18	22.33	22.26	23.00
10	16QAM	1	25	22.22	22.20	22.25	23.00
10	16QAM	1	49	22.24	22.18	22.18	23.00
10	16QAM	25	0	20.90	21.04	20.97	22.00
10	16QAM	25	12	20.91	20.93	20.93	22.00
10	16QAM	25	25	20.92	20.97	20.97	22.00
10	16QAM	50	0	20.95	21.09	20.90	22.00
10	64QAM	1	0	21.16	21.19	21.18	22.00
10	64QAM	1	25	21.13	21.17	21.15	22.00
10	64QAM	1	49	21.19	21.15	21.14	22.00
10	64QAM	25	0	19.91	20.02	19.95	21.00
10	64QAM	25	12	19.87	19.92	19.96	21.00



10	64QAM	25	25	19.97	19.87	19.97	21.00
10	64QAM	50	0	19.95	20.06	19.86	21.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.99	23.08	22.83	24.00
5	QPSK	1	12	22.97	22.97	22.75	24.00
5	QPSK	1	24	22.86	22.99	22.82	24.00
5	QPSK	12	0	21.82	21.89	21.80	23.00
5	QPSK	12	7	21.88	21.90	21.71	23.00
5	QPSK	12	13	21.88	21.77	21.79	23.00
5	QPSK	25	0	21.74	21.96	21.75	23.00
5	16QAM	1	0	22.09	22.22	22.15	23.00
5	16QAM	1	12	22.10	22.16	22.12	23.00
5	16QAM	1	24	22.13	22.07	22.10	23.00
5	16QAM	12	0	20.81	20.91	20.91	22.00
5	16QAM	12	7	20.81	20.90	20.89	22.00
5	16QAM	12	13	20.82	20.93	20.88	22.00
5	16QAM	25	0	20.81	20.99	20.78	22.00
5	64QAM	1	0	21.14	21.16	21.06	22.00
5	64QAM	1	12	21.01	21.09	21.08	22.00
5	64QAM	1	24	21.16	21.09	21.08	22.00
5	64QAM	12	0	19.86	19.93	19.81	21.00
5	64QAM	12	7	19.84	19.79	19.84	21.00
5	64QAM	12	13	19.87	19.77	19.88	21.00
5	64QAM	25	0	19.91	19.93	19.78	21.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.96	23.05	22.85	24.00
3	QPSK	1	8	22.92	22.98	22.80	24.00
3	QPSK	1	14	22.98	22.91	22.75	24.00
3	QPSK	8	0	21.81	21.92	21.81	23.00
3	QPSK	8	4	21.90	21.91	21.76	23.00
3	QPSK	8	7	21.85	21.74	21.76	23.00
3	QPSK	15	0	21.70	21.91	21.78	23.00
3	16QAM	1	0	22.04	22.28	22.22	23.00
3	16QAM	1	8	22.13	22.15	22.23	23.00
3	16QAM	1	14	22.17	22.12	22.09	23.00
3	16QAM	8	0	20.85	20.95	20.86	22.00
3	16QAM	8	4	20.85	20.88	20.89	22.00
3	16QAM	8	7	20.91	20.83	20.87	22.00
3	16QAM	15	0	20.90	21.07	20.78	22.00
3	64QAM	1	0	21.05	21.05	21.10	22.00
3	64QAM	1	8	21.10	21.04	21.03	22.00
3	64QAM	1	14	21.06	21.13	21.06	22.00
3	64QAM	8	0	19.80	19.98	19.94	21.00
3	64QAM	8	4	19.75	19.80	19.89	21.00
3	64QAM	8	7	19.84	19.77	19.85	21.00
3	64QAM	15	0	19.92	20.04	19.80	21.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.98	23.00	22.90	24.00
1.4	QPSK	1	3	22.86	22.96	22.84	24.00
1.4	QPSK	1	5	22.94	22.98	22.70	24.00
1.4	QPSK	3	0	22.80	22.95	22.74	24.00
1.4	QPSK	3	1	22.83	22.83	22.82	24.00
1.4	QPSK	3	3	22.81	22.81	22.82	24.00
1.4	QPSK	6	0	21.79	21.90	21.80	23.00
1.4	16QAM	1	0	22.11	22.26	22.25	23.00
1.4	16QAM	1	3	22.07	22.10	22.20	23.00
1.4	16QAM	1	5	22.19	22.13	22.04	23.00
1.4	16QAM	3	0	21.75	21.90	21.90	23.00
1.4	16QAM	3	1	21.84	21.81	21.82	23.00
1.4	16QAM	3	3	21.88	21.84	21.90	23.00
1.4	16QAM	6	0	20.91	20.97	20.84	22.00
1.4	64QAM	1	0	21.11	21.09	21.14	22.00
1.4	64QAM	1	3	21.09	21.16	21.07	22.00
1.4	64QAM	1	5	21.15	21.04	21.10	22.00
1.4	64QAM	3	0	20.84	20.89	20.87	22.00
1.4	64QAM	3	1	20.83	20.78	20.84	22.00
1.4	64QAM	3	3	20.86	20.80	20.87	22.00
1.4	64QAM	6	0	19.87	20.02	19.76	21.00



【LTE Band 5_Ant 0_DSI 4 Extremity】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.07	23.13	22.95	24.00
10	QPSK	1	25	23.00	23.09	22.89	24.00
10	QPSK	1	49	22.99	23.04	22.84	24.00
10	QPSK	25	0	21.91	21.98	21.84	23.00
10	QPSK	25	12	21.94	21.92	21.85	23.00
10	QPSK	25	25	21.90	21.84	21.90	23.00
10	QPSK	50	0	21.82	22.02	21.83	23.00
10	16QAM	1	0	22.18	22.33	22.26	23.00
10	16QAM	1	25	22.22	22.20	22.25	23.00
10	16QAM	1	49	22.24	22.18	22.18	23.00
10	16QAM	25	0	20.90	21.04	20.97	22.00
10	16QAM	25	12	20.91	20.93	20.93	22.00
10	16QAM	25	25	20.92	20.97	20.97	22.00
10	16QAM	50	0	20.95	21.09	20.90	22.00
10	64QAM	1	0	21.16	21.19	21.18	22.00
10	64QAM	1	25	21.13	21.17	21.15	22.00
10	64QAM	1	49	21.19	21.15	21.14	22.00
10	64QAM	25	0	19.91	20.02	19.95	21.00
10	64QAM	25	12	19.87	19.92	19.96	21.00
10	64QAM	25	25	19.97	19.87	19.97	21.00
10	64QAM	50	0	19.95	20.06	19.86	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.01	23.12	22.86	24.00
5	QPSK	1	12	22.97	22.97	22.79	24.00
5	QPSK	1	24	22.98	23.01	22.77	24.00
5	QPSK	12	0	21.80	21.86	21.82	23.00
5	QPSK	12	7	21.83	21.83	21.72	23.00
5	QPSK	12	13	21.88	21.80	21.75	23.00
5	QPSK	25	0	21.73	21.98	21.81	23.00
5	16QAM	1	0	22.07	22.21	22.20	23.00
5	16QAM	1	12	22.19	22.15	22.22	23.00
5	16QAM	1	24	22.19	22.14	22.09	23.00
5	16QAM	12	0	20.80	20.99	20.94	22.00
5	16QAM	12	7	20.79	20.79	20.91	22.00
5	16QAM	12	13	20.83	20.88	20.84	22.00
5	16QAM	25	0	20.87	21.03	20.82	22.00
5	64QAM	1	0	21.09	21.10	21.16	22.00
5	64QAM	1	12	21.11	21.12	21.08	22.00
5	64QAM	1	24	21.17	21.09	21.10	22.00
5	64QAM	12	0	19.83	20.00	19.82	21.00
5	64QAM	12	7	19.79	19.79	19.94	21.00
5	64QAM	12	13	19.95	19.83	19.95	21.00
5	64QAM	25	0	19.84	19.95	19.75	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.04	23.01	22.84	24.00
3	QPSK	1	8	22.94	23.04	22.75	24.00
3	QPSK	1	14	22.92	22.89	22.72	24.00
3	QPSK	8	0	21.87	21.89	21.81	23.00
3	QPSK	8	4	21.90	21.90	21.71	23.00
3	QPSK	8	7	21.87	21.80	21.87	23.00
3	QPSK	15	0	21.70	21.92	21.76	23.00
3	16QAM	1	0	22.05	22.18	22.16	23.00
3	16QAM	1	8	22.14	22.14	22.13	23.00
3	16QAM	1	14	22.15	22.15	22.15	23.00
3	16QAM	8	0	20.87	21.03	20.87	22.00
3	16QAM	8	4	20.79	20.88	20.86	22.00
3	16QAM	8	7	20.85	20.89	20.91	22.00
3	16QAM	15	0	20.85	21.06	20.79	22.00
3	64QAM	1	0	21.08	21.09	21.08	22.00
3	64QAM	1	8	21.02	21.14	21.11	22.00
3	64QAM	1	14	21.05	21.03	21.01	22.00
3	64QAM	8	0	19.85	19.92	19.81	21.00
3	64QAM	8	4	19.83	19.81	19.92	21.00
3	64QAM	8	7	19.87	19.76	19.95	21.00
3	64QAM	15	0	19.86	19.93	19.77	21.00



Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.96	23.01	22.86	24.00
1.4	QPSK	1	3	22.95	22.99	22.76	24.00
1.4	QPSK	1	5	22.93	22.96	22.83	24.00
1.4	QPSK	3	0	22.87	22.94	22.71	24.00
1.4	QPSK	3	1	22.84	22.89	22.72	24.00
1.4	QPSK	3	3	22.83	22.76	22.86	24.00
1.4	QPSK	6	0	21.78	21.91	21.70	23.00
1.4	16QAM	1	0	22.09	22.29	22.21	23.00
1.4	16QAM	1	3	22.17	22.17	22.19	23.00
1.4	16QAM	1	5	22.10	22.12	22.17	23.00
1.4	16QAM	3	0	21.79	21.89	21.88	23.00
1.4	16QAM	3	1	21.89	21.88	21.80	23.00
1.4	16QAM	3	3	21.80	21.85	21.84	23.00
1.4	16QAM	6	0	20.92	21.06	20.78	22.00
1.4	64QAM	1	0	21.04	21.14	21.15	22.00
1.4	64QAM	1	3	20.98	21.03	21.08	22.00
1.4	64QAM	1	5	21.06	21.03	21.10	22.00
1.4	64QAM	3	0	20.83	20.97	20.83	22.00
1.4	64QAM	3	1	20.86	20.81	20.95	22.00
1.4	64QAM	3	3	20.91	20.78	20.86	22.00
1.4	64QAM	6	0	19.88	19.93	19.83	21.00

【LTE Band 5_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				20450	20525	20600	(dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.07	23.13	22.95	24.00
10	QPSK	1	25	23.00	23.09	22.89	24.00
10	QPSK	1	49	22.99	23.04	22.84	24.00
10	QPSK	25	0	21.91	21.98	21.84	23.00
10	QPSK	25	12	21.94	21.92	21.85	23.00
10	QPSK	25	25	21.90	21.84	21.90	23.00
10	QPSK	50	0	21.82	22.02	21.83	23.00
10	16QAM	1	0	22.18	22.33	22.26	23.00
10	16QAM	1	25	22.22	22.20	22.25	23.00
10	16QAM	1	49	22.24	22.18	22.18	23.00
10	16QAM	25	0	20.90	21.04	20.97	22.00
10	16QAM	25	12	20.91	20.93	20.93	22.00
10	16QAM	25	25	20.92	20.97	20.97	22.00
10	16QAM	50	0	20.95	21.09	20.90	22.00
10	64QAM	1	0	21.16	21.19	21.18	22.00
10	64QAM	1	25	21.13	21.17	21.15	22.00
10	64QAM	1	49	21.19	21.15	21.14	22.00
10	64QAM	25	0	19.91	20.02	19.95	21.00
10	64QAM	25	12	19.87	19.92	19.96	21.00
10	64QAM	25	25	19.97	19.87	19.97	21.00
10	64QAM	50	0	19.95	20.06	19.86	21.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.99	22.98	22.85	24.00
5	QPSK	1	12	22.99	23.07	22.75	24.00
5	QPSK	1	24	22.92	23.01	22.74	24.00
5	QPSK	12	0	21.79	21.84	21.71	23.00
5	QPSK	12	7	21.83	21.77	21.79	23.00
5	QPSK	12	13	21.79	21.70	21.88	23.00
5	QPSK	25	0	21.75	21.98	21.68	23.00
5	16QAM	1	0	22.03	22.18	22.16	23.00
5	16QAM	1	12	22.15	22.12	22.23	23.00
5	16QAM	1	24	22.22	22.10	22.11	23.00
5	16QAM	12	0	20.75	21.01	20.85	22.00
5	16QAM	12	7	20.85	20.89	20.83	22.00
5	16QAM	12	13	20.89	20.83	20.94	22.00
5	16QAM	25	0	20.81	21.03	20.84	22.00
5	64QAM	1	0	21.08	21.15	21.09	22.00
5	64QAM	1	12	20.98	21.08	21.02	22.00
5	64QAM	1	24	21.07	21.05	21.04	22.00
5	64QAM	12	0	19.76	19.89	19.88	21.00
5	64QAM	12	7	19.77	19.88	19.94	21.00
5	64QAM	12	13	19.87	19.84	19.88	21.00



5	64QAM	25	0	19.92	20.05	19.72	21.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.99	23.10	22.90	24.00
3	QPSK	1	8	22.92	23.02	22.84	24.00
3	QPSK	1	14	22.85	22.98	22.71	24.00
3	QPSK	8	0	21.85	21.97	21.81	23.00
3	QPSK	8	4	21.93	21.79	21.74	23.00
3	QPSK	8	7	21.83	21.79	21.81	23.00
3	QPSK	15	0	21.77	21.98	21.75	23.00
3	16QAM	1	0	22.16	22.26	22.22	23.00
3	16QAM	1	8	22.14	22.09	22.19	23.00
3	16QAM	1	14	22.22	22.14	22.07	23.00
3	16QAM	8	0	20.81	20.91	20.85	22.00
3	16QAM	8	4	20.88	20.91	20.90	22.00
3	16QAM	8	7	20.78	20.83	20.84	22.00
3	16QAM	15	0	20.83	21.05	20.87	22.00
3	64QAM	1	0	21.10	21.09	21.09	22.00
3	64QAM	1	8	21.06	21.14	21.04	22.00
3	64QAM	1	14	21.09	21.05	21.06	22.00
3	64QAM	8	0	19.87	19.90	19.90	21.00
3	64QAM	8	4	19.80	19.86	19.86	21.00
3	64QAM	8	7	19.93	19.84	19.83	21.00
3	64QAM	15	0	19.87	20.02	19.82	21.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.93	23.06	22.87	24.00
1.4	QPSK	1	3	22.93	22.99	22.80	24.00
1.4	QPSK	1	5	22.96	22.92	22.79	24.00
1.4	QPSK	3	0	22.80	22.87	22.72	24.00
1.4	QPSK	3	1	22.82	22.84	22.70	24.00
1.4	QPSK	3	3	22.84	22.79	22.76	24.00
1.4	QPSK	6	0	21.75	22.00	21.78	23.00
1.4	16QAM	1	0	22.15	22.27	22.25	23.00
1.4	16QAM	1	3	22.10	22.16	22.21	23.00
1.4	16QAM	1	5	22.11	22.10	22.14	23.00
1.4	16QAM	3	0	21.76	21.91	21.92	23.00
1.4	16QAM	3	1	21.77	21.83	21.87	23.00
1.4	16QAM	3	3	21.88	21.94	21.89	23.00
1.4	16QAM	6	0	20.81	21.04	20.89	22.00
1.4	64QAM	1	0	21.11	21.04	21.12	22.00
1.4	64QAM	1	3	21.10	21.02	21.08	22.00
1.4	64QAM	1	5	21.09	21.13	21.05	22.00
1.4	64QAM	3	0	20.85	20.92	20.94	22.00
1.4	64QAM	3	1	20.82	20.80	20.93	22.00
1.4	64QAM	3	3	20.85	20.83	20.90	22.00
1.4	64QAM	6	0	19.87	20.05	19.80	21.00

【LTE Band 7_Ant 0_Full Power】

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	22.97	22.76	23.19	24.00
20	QPSK	1	49	22.88	22.70	23.06	24.00
20	QPSK	1	99	22.88	22.75	23.06	24.00
20	QPSK	50	0	21.93	21.96	22.03	23.00
20	QPSK	50	24	21.94	21.96	21.93	23.00
20	QPSK	50	50	21.93	21.92	21.94	23.00
20	QPSK	100	0	21.96	21.97	21.98	23.00
20	16QAM	1	0	21.94	21.96	22.04	23.00
20	16QAM	1	49	22.00	21.88	21.93	23.00
20	16QAM	1	99	21.94	21.91	21.92	23.00
20	16QAM	50	0	20.88	20.95	21.02	22.00
20	16QAM	50	24	20.94	20.93	20.97	22.00
20	16QAM	50	50	20.90	20.87	20.94	22.00
20	16QAM	100	0	20.96	20.87	20.93	22.00
20	64QAM	1	0	20.87	20.79	20.87	22.00
20	64QAM	1	49	20.82	20.78	20.84	22.00
20	64QAM	1	99	20.81	20.81	20.83	22.00
20	64QAM	50	0	19.90	19.97	20.04	21.00
20	64QAM	50	24	19.98	19.91	19.92	21.00



20	64QAM	50	50	19.90	19.96	19.97	21.00
20	64QAM	100	0	19.89	19.94	20.10	21.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	22.94	22.70	23.12	24.00
15	QPSK	1	37	22.82	22.61	22.96	24.00
15	QPSK	1	74	22.77	22.65	22.98	24.00
15	QPSK	36	0	21.86	21.83	21.97	23.00
15	QPSK	36	20	21.86	21.93	21.78	23.00
15	QPSK	36	39	21.81	21.78	21.92	23.00
15	QPSK	75	0	21.92	21.86	21.84	23.00
15	16QAM	1	0	21.86	21.93	21.98	23.00
15	16QAM	1	37	21.85	21.76	21.83	23.00
15	16QAM	1	74	21.90	21.87	21.82	23.00
15	16QAM	36	0	20.76	20.82	20.98	22.00
15	16QAM	36	20	20.89	20.91	20.84	22.00
15	16QAM	36	39	20.87	20.75	20.83	22.00
15	16QAM	75	0	20.88	20.74	20.87	22.00
15	64QAM	1	0	20.82	20.75	20.73	22.00
15	64QAM	1	37	20.69	20.74	20.74	22.00
15	64QAM	1	74	20.75	20.76	20.76	22.00
15	64QAM	36	0	19.76	19.94	19.93	21.00
15	64QAM	36	20	19.92	19.77	19.79	21.00
15	64QAM	36	39	19.76	19.89	19.84	21.00
15	64QAM	75	0	19.79	19.84	20.08	21.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.89	22.63	23.16	24.00
10	QPSK	1	25	22.79	22.56	22.92	24.00
10	QPSK	1	49	22.76	22.71	23.00	24.00
10	QPSK	25	0	21.89	21.85	21.94	23.00
10	QPSK	25	12	21.80	21.86	21.89	23.00
10	QPSK	25	25	21.81	21.78	21.82	23.00
10	QPSK	50	0	21.87	21.84	21.84	23.00
10	16QAM	1	0	21.80	21.85	22.02	23.00
10	16QAM	1	25	21.92	21.75	21.88	23.00
10	16QAM	1	49	21.83	21.79	21.84	23.00
10	16QAM	25	0	20.77	20.80	21.00	22.00
10	16QAM	25	12	20.87	20.83	20.93	22.00
10	16QAM	25	25	20.80	20.83	20.86	22.00
10	16QAM	50	0	20.88	20.82	20.81	22.00
10	64QAM	1	0	20.78	20.76	20.75	22.00
10	64QAM	1	25	20.68	20.75	20.83	22.00
10	64QAM	1	49	20.67	20.68	20.75	22.00
10	64QAM	25	0	19.87	19.82	19.95	21.00
10	64QAM	25	12	19.95	19.77	19.90	21.00
10	64QAM	25	25	19.86	19.84	19.88	21.00
10	64QAM	50	0	19.78	19.86	20.01	21.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.82	22.68	23.11	24.00
5	QPSK	1	12	22.86	22.64	22.97	24.00
5	QPSK	1	24	22.86	22.68	22.97	24.00
5	QPSK	12	0	21.90	21.87	21.90	23.00
5	QPSK	12	7	21.89	21.85	21.85	23.00
5	QPSK	12	13	21.90	21.84	21.84	23.00
5	QPSK	25	0	21.90	21.94	21.97	23.00
5	16QAM	1	0	21.90	21.83	21.93	23.00
5	16QAM	1	12	21.88	21.81	21.88	23.00
5	16QAM	1	24	21.80	21.85	21.81	23.00
5	16QAM	12	0	20.84	20.89	20.98	22.00
5	16QAM	12	7	20.85	20.86	20.91	22.00
5	16QAM	12	13	20.81	20.85	20.87	22.00
5	16QAM	25	0	20.92	20.86	20.82	22.00
5	64QAM	1	0	20.82	20.64	20.84	22.00
5	64QAM	1	12	20.71	20.69	20.70	22.00
5	64QAM	1	24	20.74	20.70	20.74	22.00
5	64QAM	12	0	19.77	19.85	19.98	21.00
5	64QAM	12	7	19.93	19.90	19.86	21.00
5	64QAM	12	13	19.82	19.84	19.88	21.00
5	64QAM	25	0	19.74	19.87	19.98	21.00



【LTE Band 7_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				20850	21100	21350	24.00
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.97	22.76	23.19	24.00
20	QPSK	1	49	22.88	22.70	23.06	24.00
20	QPSK	1	99	22.88	22.75	23.06	24.00
20	QPSK	50	0	21.93	21.96	22.03	23.00
20	QPSK	50	24	21.94	21.96	21.93	23.00
20	QPSK	50	50	21.93	21.92	21.94	23.00
20	QPSK	100	0	21.96	21.97	21.98	23.00
20	16QAM	1	0	21.94	21.96	22.04	23.00
20	16QAM	1	49	22.00	21.88	21.93	23.00
20	16QAM	1	99	21.94	21.91	21.92	23.00
20	16QAM	50	0	20.88	20.95	21.02	22.00
20	16QAM	50	24	20.94	20.93	20.97	22.00
20	16QAM	50	50	20.90	20.87	20.94	22.00
20	16QAM	100	0	20.96	20.87	20.93	22.00
20	64QAM	1	0	20.87	20.79	20.87	22.00
20	64QAM	1	49	20.82	20.78	20.84	22.00
20	64QAM	1	99	20.81	20.81	20.83	22.00
20	64QAM	50	0	19.90	19.97	20.04	21.00
20	64QAM	50	24	19.98	19.91	19.92	21.00
20	64QAM	50	50	19.90	19.96	19.97	21.00
20	64QAM	100	0	19.89	19.94	20.10	21.00
Channel				20825	21100	21375	24.00
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.00	23.01	23.09	24.00
15	QPSK	1	37	23.00	23.01	23.01	24.00
15	QPSK	1	74	23.01	23.00	23.00	24.00
15	QPSK	36	0	22.00	22.00	22.00	23.00
15	QPSK	36	20	22.01	22.01	22.01	23.00
15	QPSK	36	39	22.01	22.02	22.00	23.00
15	QPSK	75	0	22.01	22.00	22.00	23.00
15	16QAM	1	0	22.00	22.01	22.02	23.00
15	16QAM	1	37	22.00	22.00	22.01	23.00
15	16QAM	1	74	22.00	22.00	22.00	23.00
15	16QAM	36	0	21.00	21.00	21.01	22.00
15	16QAM	36	20	21.01	21.02	21.00	22.00
15	16QAM	36	39	21.00	21.00	21.01	22.00
15	16QAM	75	0	21.01	21.00	21.00	22.00
15	64QAM	1	0	21.01	21.00	21.00	22.00
15	64QAM	1	37	21.01	21.02	21.00	22.00
15	64QAM	1	74	21.01	21.01	21.01	22.00
15	64QAM	36	0	20.00	20.00	20.00	21.00
15	64QAM	36	20	20.00	20.01	20.01	21.00
15	64QAM	36	39	20.00	20.01	20.00	21.00
15	64QAM	75	0	20.01	20.01	20.01	21.00
Channel				20800	21100	21400	24.00
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.00	23.00	23.17	24.00
10	QPSK	1	25	23.01	23.02	23.04	24.00
10	QPSK	1	49	23.00	23.00	23.00	24.00
10	QPSK	25	0	22.00	22.02	22.00	23.00
10	QPSK	25	12	22.01	22.01	22.01	23.00
10	QPSK	25	25	22.00	22.00	22.00	23.00
10	QPSK	50	0	22.00	22.01	22.00	23.00
10	16QAM	1	0	22.01	22.01	22.00	23.00
10	16QAM	1	25	22.00	22.00	22.00	23.00
10	16QAM	1	49	22.01	22.01	22.01	23.00
10	16QAM	25	0	21.01	21.00	21.00	22.00
10	16QAM	25	12	21.01	21.02	21.00	22.00
10	16QAM	25	25	21.01	21.00	21.00	22.00
10	16QAM	50	0	21.01	21.00	21.00	22.00
10	64QAM	1	0	21.01	21.00	21.01	22.00
10	64QAM	1	25	21.00	21.00	21.02	22.00
10	64QAM	1	49	21.01	21.00	21.00	22.00
10	64QAM	25	0	20.00	20.01	20.00	21.00
10	64QAM	25	12	20.00	20.00	20.01	21.00
10	64QAM	25	25	20.01	20.01	20.01	21.00
10	64QAM	50	0	20.00	20.01	20.02	21.00



Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.00	23.01	23.18	24.00
5	QPSK	1	12	23.01	23.00	23.01	24.00
5	QPSK	1	24	23.00	23.00	23.01	24.00
5	QPSK	12	0	22.00	22.01	22.00	23.00
5	QPSK	12	7	22.01	22.01	22.00	23.00
5	QPSK	12	13	22.00	22.00	22.00	23.00
5	QPSK	25	0	22.01	22.00	22.00	23.00
5	16QAM	1	0	22.00	22.00	22.01	23.00
5	16QAM	1	12	22.01	22.00	22.00	23.00
5	16QAM	1	24	22.02	22.00	22.00	23.00
5	16QAM	12	0	21.00	21.01	21.00	22.00
5	16QAM	12	7	21.00	21.01	21.00	22.00
5	16QAM	12	13	21.01	21.01	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.00	22.00
5	64QAM	1	0	21.00	21.01	21.01	22.00
5	64QAM	1	12	21.02	21.00	21.00	22.00
5	64QAM	1	24	21.00	21.00	21.00	22.00
5	64QAM	12	0	20.02	20.00	20.00	21.00
5	64QAM	12	7	20.00	20.00	20.00	21.00
5	64QAM	12	13	20.02	20.00	20.02	21.00
5	64QAM	25	0	20.00	20.01	20.00	21.00

【LTE Band 7_Ant 0_DSI 4 Body-worn】

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	(dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	13.86	13.98	14.09	14.50
20	QPSK	1	49	13.80	13.81	13.94	14.50
20	QPSK	1	99	13.98	13.93	14.05	14.50
20	QPSK	50	0	13.97	13.86	14.06	14.50
20	QPSK	50	24	13.84	13.79	13.95	14.50
20	QPSK	50	50	14.00	13.97	14.05	14.50
20	QPSK	100	0	13.90	13.87	14.01	14.50
20	16QAM	1	0	14.02	13.99	14.08	14.50
20	16QAM	1	49	13.86	13.90	13.96	14.50
20	16QAM	1	99	13.98	13.96	14.05	14.50
20	16QAM	50	0	13.93	13.93	14.09	14.50
20	16QAM	50	24	13.91	13.84	13.99	14.50
20	16QAM	50	50	13.82	13.82	13.94	14.50
20	16QAM	100	0	13.91	13.90	13.97	14.50
20	64QAM	1	0	13.81	13.83	13.95	14.50
20	64QAM	1	49	13.83	13.78	13.94	14.50
20	64QAM	1	99	13.98	13.99	14.04	14.50
20	64QAM	50	0	13.82	13.82	13.95	14.50
20	64QAM	50	24	13.80	13.88	13.93	14.50
20	64QAM	50	50	13.90	13.92	13.98	14.50
20	64QAM	100	0	13.93	13.93	13.98	14.50
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	13.80	13.84	14.01	14.50
15	QPSK	1	37	13.67	13.67	13.84	14.50
15	QPSK	1	74	13.83	13.85	13.93	14.50
15	QPSK	36	0	13.90	13.84	14.00	14.50
15	QPSK	36	20	13.79	13.70	13.86	14.50
15	QPSK	36	39	13.99	13.91	13.95	14.50
15	QPSK	75	0	13.77	13.83	14.00	14.50
15	16QAM	1	0	13.93	13.89	13.98	14.50
15	16QAM	1	37	13.83	13.80	13.84	14.50
15	16QAM	1	74	13.96	13.93	14.04	14.50
15	16QAM	36	0	13.83	13.81	13.96	14.50
15	16QAM	36	20	13.87	13.80	13.84	14.50
15	16QAM	36	39	13.70	13.80	13.82	14.50
15	16QAM	75	0	13.81	13.85	13.84	14.50
15	64QAM	1	0	13.74	13.73	13.85	14.50
15	64QAM	1	37	13.70	13.68	13.88	14.50
15	64QAM	1	74	13.93	13.91	13.90	14.50
15	64QAM	36	0	13.72	13.77	13.83	14.50
15	64QAM	36	20	13.76	13.77	13.83	14.50
15	64QAM	36	39	13.86	13.89	13.88	14.50



15	64QAM	75	0	13.82	13.90	13.85	14.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	13.77	13.84	14.07	14.50
10	QPSK	1	25	13.71	13.68	13.81	14.50
10	QPSK	1	49	13.85	13.88	14.02	14.50
10	QPSK	25	0	13.82	13.80	13.92	14.50
10	QPSK	25	12	13.80	13.75	13.84	14.50
10	QPSK	25	25	13.90	13.93	13.96	14.50
10	QPSK	50	0	13.80	13.78	13.94	14.50
10	16QAM	1	0	13.99	13.96	14.01	14.50
10	16QAM	1	25	13.74	13.82	13.88	14.50
10	16QAM	1	49	13.89	13.81	13.93	14.50
10	16QAM	25	0	13.87	13.79	14.01	14.50
10	16QAM	25	12	13.79	13.75	13.88	14.50
10	16QAM	25	25	13.69	13.73	13.90	14.50
10	16QAM	50	0	13.79	13.84	13.84	14.50
10	64QAM	1	0	13.76	13.70	13.82	14.50
10	64QAM	1	25	13.81	13.71	13.92	14.50
10	64QAM	1	49	13.90	13.95	13.96	14.50
10	64QAM	25	0	13.81	13.77	13.84	14.50
10	64QAM	25	12	13.72	13.81	13.92	14.50
10	64QAM	25	25	13.86	13.87	13.95	14.50
10	64QAM	50	0	13.91	13.82	13.88	14.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	13.80	13.84	14.03	14.50
5	QPSK	1	12	13.71	13.66	13.91	14.50
5	QPSK	1	24	13.91	13.80	14.01	14.50
5	QPSK	12	0	13.93	13.81	13.93	14.50
5	QPSK	12	7	13.78	13.73	13.91	14.50
5	QPSK	12	13	13.94	13.90	14.03	14.50
5	QPSK	25	0	13.76	13.80	13.97	14.50
5	16QAM	1	0	13.95	13.97	14.04	14.50
5	16QAM	1	12	13.73	13.80	13.93	14.50
5	16QAM	1	24	13.90	13.82	13.90	14.50
5	16QAM	12	0	13.88	13.87	13.96	14.50
5	16QAM	12	7	13.78	13.70	13.87	14.50
5	16QAM	12	13	13.75	13.72	13.93	14.50
5	16QAM	25	0	13.86	13.76	13.90	14.50
5	64QAM	1	0	13.72	13.81	13.90	14.50
5	64QAM	1	12	13.72	13.76	13.80	14.50
5	64QAM	1	24	13.86	13.93	13.93	14.50
5	64QAM	12	0	13.75	13.80	13.94	14.50
5	64QAM	12	7	13.69	13.76	13.78	14.50
5	64QAM	12	13	13.77	13.79	13.93	14.50
5	64QAM	25	0	13.80	13.83	13.90	14.50

【LTE Band 7_Ant 0_DSI 4 Extremity】

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	13.86	13.98	14.09	14.50
20	QPSK	1	49	13.80	13.81	13.94	14.50
20	QPSK	1	99	13.98	13.93	14.05	14.50
20	QPSK	50	0	13.97	13.86	14.06	14.50
20	QPSK	50	24	13.84	13.79	13.95	14.50
20	QPSK	50	50	14.00	13.97	14.05	14.50
20	QPSK	100	0	13.90	13.87	14.01	14.50
20	16QAM	1	0	14.02	13.99	14.08	14.50
20	16QAM	1	49	13.86	13.90	13.96	14.50
20	16QAM	1	99	13.98	13.96	14.05	14.50
20	16QAM	50	0	13.93	13.93	14.09	14.50
20	16QAM	50	24	13.91	13.84	13.99	14.50
20	16QAM	50	50	13.82	13.82	13.94	14.50
20	16QAM	100	0	13.91	13.90	13.97	14.50
20	64QAM	1	0	13.81	13.83	13.95	14.50
20	64QAM	1	49	13.83	13.78	13.94	14.50
20	64QAM	1	99	13.98	13.99	14.04	14.50
20	64QAM	50	0	13.82	13.82	13.95	14.50
20	64QAM	50	24	13.80	13.88	13.93	14.50



20	64QAM	50	50	13.90	13.92	13.98	14.50
20	64QAM	100	0	13.93	13.93	13.98	14.50
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	13.73	13.95	13.99	14.50
15	QPSK	1	37	13.68	13.72	13.85	14.50
15	QPSK	1	74	13.95	13.90	13.93	14.50
15	QPSK	36	0	13.92	13.78	13.92	14.50
15	QPSK	36	20	13.75	13.65	13.88	14.50
15	QPSK	36	39	13.94	13.95	13.91	14.50
15	QPSK	75	0	13.87	13.84	13.90	14.50
15	16QAM	1	0	13.99	13.97	14.05	14.50
15	16QAM	1	37	13.71	13.89	13.86	14.50
15	16QAM	1	74	13.97	13.87	13.94	14.50
15	16QAM	36	0	13.79	13.82	14.04	14.50
15	16QAM	36	20	13.83	13.81	13.86	14.50
15	16QAM	36	39	13.79	13.69	13.89	14.50
15	16QAM	75	0	13.86	13.85	13.88	14.50
15	64QAM	1	0	13.77	13.81	13.82	14.50
15	64QAM	1	37	13.69	13.67	13.90	14.50
15	64QAM	1	74	13.86	13.91	13.99	14.50
15	64QAM	36	0	13.77	13.78	13.82	14.50
15	64QAM	36	20	13.70	13.73	13.80	14.50
15	64QAM	36	39	13.80	13.78	13.86	14.50
15	64QAM	75	0	13.89	13.83	13.91	14.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	13.80	13.90	14.00	14.50
10	QPSK	1	25	13.74	13.73	13.88	14.50
10	QPSK	1	49	13.86	13.84	14.01	14.50
10	QPSK	25	0	13.96	13.73	14.03	14.50
10	QPSK	25	12	13.77	13.68	13.94	14.50
10	QPSK	25	25	13.87	13.94	14.03	14.50
10	QPSK	50	0	13.81	13.74	13.97	14.50
10	16QAM	1	0	13.96	13.89	14.05	14.50
10	16QAM	1	25	13.78	13.84	13.95	14.50
10	16QAM	1	49	13.89	13.89	14.04	14.50
10	16QAM	25	0	13.81	13.82	14.03	14.50
10	16QAM	25	12	13.81	13.83	13.84	14.50
10	16QAM	25	25	13.77	13.80	13.86	14.50
10	16QAM	50	0	13.88	13.89	13.93	14.50
10	64QAM	1	0	13.75	13.77	13.80	14.50
10	64QAM	1	25	13.69	13.73	13.88	14.50
10	64QAM	1	49	13.85	13.98	13.90	14.50
10	64QAM	25	0	13.76	13.68	13.89	14.50
10	64QAM	25	12	13.74	13.75	13.86	14.50
10	64QAM	25	25	13.87	13.81	13.90	14.50
10	64QAM	50	0	13.91	13.88	13.96	14.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	13.73	13.88	14.02	14.50
5	QPSK	1	12	13.71	13.79	13.89	14.50
5	QPSK	1	24	13.90	13.84	13.91	14.50
5	QPSK	12	0	13.91	13.83	13.95	14.50
5	QPSK	12	7	13.78	13.68	13.90	14.50
5	QPSK	12	13	13.97	13.84	14.02	14.50
5	QPSK	25	0	13.76	13.74	13.86	14.50
5	16QAM	1	0	13.99	13.87	14.00	14.50
5	16QAM	1	12	13.82	13.77	13.95	14.50
5	16QAM	1	24	13.91	13.82	13.96	14.50
5	16QAM	12	0	13.88	13.87	14.08	14.50
5	16QAM	12	7	13.77	13.77	13.91	14.50
5	16QAM	12	13	13.78	13.76	13.92	14.50
5	16QAM	25	0	13.77	13.86	13.86	14.50
5	64QAM	1	0	13.79	13.80	13.88	14.50
5	64QAM	1	12	13.74	13.64	13.88	14.50
5	64QAM	1	24	13.90	13.91	13.98	14.50
5	64QAM	12	0	13.74	13.67	13.80	14.50
5	64QAM	12	7	13.74	13.78	13.88	14.50
5	64QAM	12	13	13.88	13.87	13.84	14.50
5	64QAM	25	0	13.85	13.86	13.91	14.50



【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	12.31	12.23	12.51	13.00
20	QPSK	1	49	12.28	12.32	12.37	13.00
20	QPSK	1	99	12.26	12.27	12.36	13.00
20	QPSK	50	0	12.45	12.43	12.50	13.00
20	QPSK	50	24	12.26	12.24	12.36	13.00
20	QPSK	50	50	12.30	12.31	12.44	13.00
20	QPSK	100	0	12.48	12.43	12.40	13.00
20	16QAM	1	0	12.26	12.25	12.31	13.00
20	16QAM	1	49	12.29	12.34	12.38	13.00
20	16QAM	1	99	12.37	12.34	12.41	13.00
20	16QAM	50	0	12.35	12.36	12.42	13.00
20	16QAM	50	24	12.30	12.26	12.36	13.00
20	16QAM	50	50	12.37	12.41	12.47	13.00
20	16QAM	100	0	12.29	12.32	12.44	13.00
20	64QAM	1	0	12.32	12.38	12.45	13.00
20	64QAM	1	49	12.23	12.26	12.36	13.00
20	64QAM	1	99	12.23	12.30	12.37	13.00
20	64QAM	50	0	12.37	12.36	12.43	13.00
20	64QAM	50	24	12.31	12.30	12.45	13.00
20	64QAM	50	50	12.35	12.30	12.42	13.00
20	64QAM	100	0	12.38	12.36	12.46	13.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	12.27	12.17	12.40	13.00
15	QPSK	1	37	12.19	12.17	12.30	13.00
15	QPSK	1	74	12.16	12.22	12.35	13.00
15	QPSK	36	0	12.31	12.35	12.48	13.00
15	QPSK	36	20	12.18	12.19	12.25	13.00
15	QPSK	36	39	12.20	12.27	12.29	13.00
15	QPSK	75	0	12.47	12.39	12.33	13.00
15	16QAM	1	0	12.22	12.11	12.28	13.00
15	16QAM	1	37	12.24	12.28	12.25	13.00
15	16QAM	1	74	12.32	12.23	12.28	13.00
15	16QAM	36	0	12.29	12.22	12.34	13.00
15	16QAM	36	20	12.23	12.22	12.31	13.00
15	16QAM	36	39	12.25	12.30	12.42	13.00
15	16QAM	75	0	12.17	12.28	12.43	13.00
15	64QAM	1	0	12.31	12.35	12.43	13.00
15	64QAM	1	37	12.20	12.24	12.35	13.00
15	64QAM	1	74	12.08	12.16	12.29	13.00
15	64QAM	36	0	12.31	12.30	12.36	13.00
15	64QAM	36	20	12.19	12.27	12.30	13.00
15	64QAM	36	39	12.30	12.22	12.36	13.00
15	64QAM	75	0	12.36	12.34	12.39	13.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	12.29	12.16	12.44	13.00
10	QPSK	1	25	12.22	12.19	12.25	13.00
10	QPSK	1	49	12.24	12.19	12.32	13.00
10	QPSK	25	0	12.42	12.35	12.38	13.00
10	QPSK	25	12	12.24	12.21	12.23	13.00
10	QPSK	25	25	12.18	12.26	12.40	13.00
10	QPSK	50	0	12.46	12.29	12.38	13.00
10	16QAM	1	0	12.24	12.11	12.26	13.00
10	16QAM	1	25	12.27	12.22	12.29	13.00
10	16QAM	1	49	12.28	12.25	12.34	13.00
10	16QAM	25	0	12.24	12.21	12.33	13.00
10	16QAM	25	12	12.28	12.15	12.29	13.00
10	16QAM	25	25	12.29	12.30	12.46	13.00
10	16QAM	50	0	12.17	12.29	12.30	13.00
10	64QAM	1	0	12.30	12.31	12.40	13.00
10	64QAM	1	25	12.14	12.22	12.26	13.00
10	64QAM	1	49	12.14	12.26	12.25	13.00
10	64QAM	25	0	12.23	12.30	12.32	13.00
10	64QAM	25	12	12.29	12.24	12.32	13.00
10	64QAM	25	25	12.27	12.24	12.30	13.00
10	64QAM	50	0	12.32	12.23	12.36	13.00



Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	12.29	12.22	12.46	13.00
5	QPSK	1	12	12.22	12.26	12.33	13.00
5	QPSK	1	24	12.22	12.22	12.34	13.00
5	QPSK	12	0	12.30	12.38	12.38	13.00
5	QPSK	12	7	12.16	12.15	12.30	13.00
5	QPSK	12	13	12.19	12.29	12.42	13.00
5	QPSK	25	0	12.46	12.40	12.27	13.00
5	16QAM	1	0	12.19	12.22	12.22	13.00
5	16QAM	1	12	12.27	12.25	12.29	13.00
5	16QAM	1	24	12.30	12.21	12.31	13.00
5	16QAM	12	0	12.27	12.34	12.39	13.00
5	16QAM	12	7	12.23	12.15	12.34	13.00
5	16QAM	12	13	12.28	12.32	12.35	13.00
5	16QAM	25	0	12.25	12.19	12.42	13.00
5	64QAM	1	0	12.17	12.27	12.44	13.00
5	64QAM	1	12	12.13	12.14	12.31	13.00
5	64QAM	1	24	12.13	12.17	12.25	13.00
5	64QAM	12	0	12.31	12.23	12.31	13.00
5	64QAM	12	7	12.21	12.20	12.42	13.00
5	64QAM	12	13	12.22	12.21	12.37	13.00
5	64QAM	25	0	12.36	12.28	12.42	13.00

【LTE Band 7_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.08	16.29	16.08	17.00
20	QPSK	1	49	16.04	16.17	16.05	17.00
20	QPSK	1	99	15.87	15.97	15.81	17.00
20	QPSK	50	0	15.85	16.19	15.89	17.00
20	QPSK	50	24	16.09	16.18	16.06	17.00
20	QPSK	50	50	16.03	16.16	16.08	17.00
20	QPSK	100	0	16.11	16.23	16.17	17.00
20	16QAM	1	0	15.90	16.05	15.92	17.00
20	16QAM	1	49	16.09	16.21	16.05	17.00
20	16QAM	1	99	16.17	16.28	16.24	17.00
20	16QAM	50	0	16.02	16.15	16.09	17.00
20	16QAM	50	24	16.13	16.19	16.13	17.00
20	16QAM	50	50	16.14	16.22	16.16	17.00
20	16QAM	100	0	16.21	16.26	16.13	17.00
20	64QAM	1	0	15.95	16.03	15.99	17.00
20	64QAM	1	49	16.08	16.20	16.09	17.00
20	64QAM	1	99	16.09	16.17	16.08	17.00
20	64QAM	50	0	16.12	16.23	16.07	17.00
20	64QAM	50	24	16.08	16.19	16.09	17.00
20	64QAM	50	50	16.04	16.18	16.13	17.00
20	64QAM	100	0	16.06	16.22	16.13	17.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	16.03	16.16	15.96	17.00
15	QPSK	1	37	15.99	16.07	15.93	17.00
15	QPSK	1	74	15.77	15.92	15.77	17.00
15	QPSK	36	0	15.71	16.06	15.88	17.00
15	QPSK	36	20	16.01	16.10	16.01	17.00
15	QPSK	36	39	15.91	16.13	16.00	17.00
15	QPSK	75	0	16.06	16.09	16.04	17.00
15	16QAM	1	0	15.77	16.03	15.90	17.00
15	16QAM	1	37	15.96	16.17	15.92	17.00
15	16QAM	1	74	16.13	16.20	16.16	17.00
15	16QAM	36	0	15.92	16.03	15.96	17.00
15	16QAM	36	20	16.06	16.10	16.03	17.00
15	16QAM	36	39	16.11	16.13	16.06	17.00
15	16QAM	75	0	16.16	16.18	16.08	17.00
15	64QAM	1	0	15.94	15.91	15.93	17.00
15	64QAM	1	37	16.02	16.07	16.05	17.00
15	64QAM	1	74	16.02	16.10	16.06	17.00
15	64QAM	36	0	16.02	16.14	16.00	17.00
15	64QAM	36	20	16.05	16.17	16.03	17.00
15	64QAM	36	39	15.94	16.05	16.02	17.00



15	64QAM	75	0	15.97	16.09	16.04	17.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.05	16.19	15.99	17.00
10	QPSK	1	25	16.03	16.14	16.03	17.00
10	QPSK	1	49	15.75	15.93	15.72	17.00
10	QPSK	25	0	15.81	16.06	15.76	17.00
10	QPSK	25	12	15.95	16.04	15.96	17.00
10	QPSK	25	25	16.01	16.02	16.00	17.00
10	QPSK	50	0	16.03	16.15	16.16	17.00
10	16QAM	1	0	15.77	16.03	15.91	17.00
10	16QAM	1	25	16.04	16.11	15.92	17.00
10	16QAM	1	49	16.14	16.18	16.16	17.00
10	16QAM	25	0	15.89	16.13	15.95	17.00
10	16QAM	25	12	16.08	16.15	16.01	17.00
10	16QAM	25	25	16.03	16.12	16.01	17.00
10	16QAM	50	0	16.20	16.14	16.08	17.00
10	64QAM	1	0	15.94	15.93	15.94	17.00
10	64QAM	1	25	16.00	16.16	15.97	17.00
10	64QAM	1	49	16.01	16.07	15.93	17.00
10	64QAM	25	0	15.99	16.11	15.95	17.00
10	64QAM	25	12	15.95	16.12	16.06	17.00
10	64QAM	25	25	15.97	16.14	16.08	17.00
10	64QAM	50	0	16.00	16.08	15.98	17.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	16.07	16.17	15.94	17.00
5	QPSK	1	12	16.00	16.02	15.96	17.00
5	QPSK	1	24	15.79	15.87	15.76	17.00
5	QPSK	12	0	15.75	16.08	15.80	17.00
5	QPSK	12	7	16.06	16.09	15.98	17.00
5	QPSK	12	13	15.93	16.11	16.03	17.00
5	QPSK	25	0	16.03	16.17	16.04	17.00
5	16QAM	1	0	15.81	15.97	15.87	17.00
5	16QAM	1	12	16.01	16.17	15.95	17.00
5	16QAM	1	24	16.09	16.14	16.22	17.00
5	16QAM	12	0	15.98	16.03	16.00	17.00
5	16QAM	12	7	15.98	16.15	16.10	17.00
5	16QAM	12	13	16.07	16.16	16.04	17.00
5	16QAM	25	0	16.13	16.23	16.05	17.00
5	64QAM	1	0	15.86	15.95	15.90	17.00
5	64QAM	1	12	16.03	16.16	16.03	17.00
5	64QAM	1	24	15.94	16.07	15.98	17.00
5	64QAM	12	0	16.01	16.21	15.92	17.00
5	64QAM	12	7	16.04	16.11	15.98	17.00
5	64QAM	12	13	15.97	16.12	15.99	17.00
5	64QAM	25	0	15.97	16.19	16.11	17.00

【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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.80	16.10	16.02	17.00
20	QPSK	1	49	15.74	16.02	16.08	17.00
20	QPSK	1	99	15.58	15.89	15.90	17.00
20	QPSK	50	0	15.66	15.93	15.82	17.00
20	QPSK	50	24	15.59	15.85	15.81	17.00
20	QPSK	50	50	15.68	15.92	15.81	17.00
20	QPSK	100	0	15.73	15.98	16.05	17.00
20	16QAM	1	0	15.77	16.07	16.13	17.00
20	16QAM	1	49	16.07	16.34	16.38	17.00
20	16QAM	1	99	16.05	16.23	16.25	17.00
20	16QAM	50	0	15.74	15.93	15.96	17.00
20	16QAM	50	24	15.59	15.86	15.87	17.00
20	16QAM	50	50	15.69	15.99	15.95	17.00
20	16QAM	100	0	15.75	16.02	16.08	17.00
20	64QAM	1	0	15.85	16.04	16.03	17.00
20	64QAM	1	49	15.98	16.27	16.33	17.00
20	64QAM	1	99	15.82	16.06	16.15	17.00
20	64QAM	50	0	15.80	16.01	16.01	17.00
20	64QAM	50	24	15.71	15.98	16.07	17.00



20	64QAM	50	50	15.70	15.96	16.01	17.00
20	64QAM	100	0	15.72	15.93	15.93	17.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.66	16.02	16.00	17.00
15	QPSK	1	37	15.61	15.89	16.01	17.00
15	QPSK	1	74	15.50	15.87	15.88	17.00
15	QPSK	36	0	15.52	15.84	15.73	17.00
15	QPSK	36	20	15.57	15.81	15.70	17.00
15	QPSK	36	39	15.64	15.81	15.71	17.00
15	QPSK	75	0	15.63	15.84	15.91	17.00
15	16QAM	1	0	15.74	16.01	16.11	17.00
15	16QAM	1	37	15.93	16.32	16.28	17.00
15	16QAM	1	74	15.96	16.08	16.13	17.00
15	16QAM	36	0	15.73	15.81	15.86	17.00
15	16QAM	36	20	15.50	15.76	15.80	17.00
15	16QAM	36	39	15.65	15.86	15.85	17.00
15	16QAM	75	0	15.71	15.90	15.97	17.00
15	64QAM	1	0	15.82	15.94	15.94	17.00
15	64QAM	1	37	15.88	16.23	16.31	17.00
15	64QAM	1	74	15.76	16.04	16.01	17.00
15	64QAM	36	0	15.71	15.98	15.87	17.00
15	64QAM	36	20	15.61	15.97	16.03	17.00
15	64QAM	36	39	15.59	15.86	15.92	17.00
15	64QAM	75	0	15.71	15.79	15.82	17.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.78	16.04	15.90	17.00
10	QPSK	1	25	15.71	15.96	16.01	17.00
10	QPSK	1	49	15.55	15.78	15.86	17.00
10	QPSK	25	0	15.54	15.89	15.78	17.00
10	QPSK	25	12	15.52	15.76	15.72	17.00
10	QPSK	25	25	15.63	15.90	15.68	17.00
10	QPSK	50	0	15.61	15.85	15.96	17.00
10	16QAM	1	0	15.66	16.01	16.12	17.00
10	16QAM	1	25	16.02	16.20	16.23	17.00
10	16QAM	1	49	15.95	16.16	16.17	17.00
10	16QAM	25	0	15.62	15.89	15.84	17.00
10	16QAM	25	12	15.46	15.77	15.86	17.00
10	16QAM	25	25	15.61	15.88	15.90	17.00
10	16QAM	50	0	15.69	16.00	16.07	17.00
10	64QAM	1	0	15.80	15.99	15.94	17.00
10	64QAM	1	25	15.83	16.20	16.28	17.00
10	64QAM	1	49	15.75	15.97	16.14	17.00
10	64QAM	25	0	15.70	15.94	15.91	17.00
10	64QAM	25	12	15.65	15.91	16.03	17.00
10	64QAM	25	25	15.58	15.86	15.87	17.00
10	64QAM	50	0	15.57	15.81	15.83	17.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.74	16.07	15.93	17.00
5	QPSK	1	12	15.60	15.91	16.02	17.00
5	QPSK	1	24	15.46	15.87	15.81	17.00
5	QPSK	12	0	15.56	15.81	15.69	17.00
5	QPSK	12	7	15.53	15.80	15.69	17.00
5	QPSK	12	13	15.64	15.79	15.69	17.00
5	QPSK	25	0	15.61	15.92	15.93	17.00
5	16QAM	1	0	15.76	16.02	16.00	17.00
5	16QAM	1	12	16.02	16.26	16.27	17.00
5	16QAM	1	24	16.03	16.17	16.13	17.00
5	16QAM	12	0	15.67	15.80	15.90	17.00
5	16QAM	12	7	15.55	15.79	15.84	17.00
5	16QAM	12	13	15.63	15.89	15.92	17.00
5	16QAM	25	0	15.66	15.87	15.94	17.00
5	64QAM	1	0	15.83	15.96	15.91	17.00
5	64QAM	1	12	15.91	16.21	16.32	17.00
5	64QAM	1	24	15.75	16.02	16.11	17.00
5	64QAM	12	0	15.70	15.93	15.91	17.00
5	64QAM	12	7	15.65	15.93	15.97	17.00
5	64QAM	12	13	15.57	15.94	15.98	17.00
5	64QAM	25	0	15.66	15.89	15.80	17.00

【LTE Band 7_Ant 1_DSI 4 Body-worn】



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	17.00
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.08	16.29	16.08	17.00
20	QPSK	1	49	16.04	16.17	16.05	17.00
20	QPSK	1	99	15.87	15.97	15.81	17.00
20	QPSK	50	0	15.85	16.19	15.89	17.00
20	QPSK	50	24	16.09	16.18	16.06	17.00
20	QPSK	50	50	16.03	16.16	16.08	17.00
20	QPSK	100	0	16.11	16.23	16.17	17.00
20	16QAM	1	0	15.90	16.05	15.92	17.00
20	16QAM	1	49	16.09	16.21	16.05	17.00
20	16QAM	1	99	16.17	16.28	16.24	17.00
20	16QAM	50	0	16.02	16.15	16.09	17.00
20	16QAM	50	24	16.13	16.19	16.13	17.00
20	16QAM	50	50	16.14	16.22	16.16	17.00
20	16QAM	100	0	16.21	16.26	16.13	17.00
20	64QAM	1	0	15.95	16.03	15.99	17.00
20	64QAM	1	49	16.08	16.20	16.09	17.00
20	64QAM	1	99	16.09	16.17	16.08	17.00
20	64QAM	50	0	16.12	16.23	16.07	17.00
20	64QAM	50	24	16.08	16.19	16.09	17.00
20	64QAM	50	50	16.04	16.18	16.13	17.00
20	64QAM	100	0	16.06	16.22	16.13	17.00
Channel				20825	21100	21375	17.00
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.99	16.27	16.02	17.00
15	QPSK	1	37	15.97	16.07	15.92	17.00
15	QPSK	1	74	15.73	15.86	15.71	17.00
15	QPSK	36	0	15.70	16.10	15.83	17.00
15	QPSK	36	20	16.03	16.06	15.95	17.00
15	QPSK	36	39	15.90	16.04	16.07	17.00
15	QPSK	75	0	16.01	16.21	16.08	17.00
15	16QAM	1	0	15.82	15.94	15.81	17.00
15	16QAM	1	37	16.04	16.10	15.99	17.00
15	16QAM	1	74	16.14	16.13	16.19	17.00
15	16QAM	36	0	15.91	16.13	16.03	17.00
15	16QAM	36	20	16.05	16.05	15.98	17.00
15	16QAM	36	39	16.07	16.19	16.14	17.00
15	16QAM	75	0	16.20	16.24	16.06	17.00
15	64QAM	1	0	15.85	15.94	15.97	17.00
15	64QAM	1	37	15.95	16.15	16.08	17.00
15	64QAM	1	74	16.01	16.03	16.03	17.00
15	64QAM	36	0	16.08	16.17	16.05	17.00
15	64QAM	36	20	15.98	16.16	16.07	17.00
15	64QAM	36	39	15.91	16.15	16.07	17.00
15	64QAM	75	0	15.92	16.09	16.01	17.00
Channel				20800	21100	21400	17.00
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.97	16.25	15.95	17.00
10	QPSK	1	25	16.03	16.03	15.99	17.00
10	QPSK	1	49	15.80	15.91	15.73	17.00
10	QPSK	25	0	15.72	16.09	15.77	17.00
10	QPSK	25	12	16.02	16.11	15.98	17.00
10	QPSK	25	25	16.01	16.02	15.98	17.00
10	QPSK	50	0	16.05	16.18	16.06	17.00
10	16QAM	1	0	15.80	15.94	15.90	17.00
10	16QAM	1	25	15.94	16.17	15.93	17.00
10	16QAM	1	49	16.06	16.23	16.16	17.00
10	16QAM	25	0	15.98	16.03	16.01	17.00
10	16QAM	25	12	16.04	16.16	16.08	17.00
10	16QAM	25	25	16.12	16.08	16.03	17.00
10	16QAM	50	0	16.08	16.23	16.01	17.00
10	64QAM	1	0	15.82	15.93	15.86	17.00
10	64QAM	1	25	15.96	16.11	15.95	17.00
10	64QAM	1	49	16.02	16.13	15.98	17.00
10	64QAM	25	0	16.05	16.20	15.96	17.00
10	64QAM	25	12	15.93	16.17	16.05	17.00
10	64QAM	25	25	16.01	16.06	16.06	17.00
10	64QAM	50	0	16.03	16.19	16.01	17.00
Channel				20775	21100	21425	17.00
Frequency (MHz)				2502.5	2535	2567.5	



5	QPSK	1	0	15.97	16.25	16.03	17.00
5	QPSK	1	12	15.96	16.13	15.96	17.00
5	QPSK	1	24	15.84	15.86	15.79	17.00
5	QPSK	12	0	15.72	16.10	15.83	17.00
5	QPSK	12	7	16.07	16.14	16.01	17.00
5	QPSK	12	13	15.99	16.13	16.03	17.00
5	QPSK	25	0	16.05	16.10	16.15	17.00
5	16QAM	1	0	15.80	16.02	15.81	17.00
5	16QAM	1	12	16.03	16.20	16.03	17.00
5	16QAM	1	24	16.06	16.16	16.14	17.00
5	16QAM	12	0	15.88	16.04	16.04	17.00
5	16QAM	12	7	16.07	16.18	16.00	17.00
5	16QAM	12	13	16.01	16.08	16.08	17.00
5	16QAM	25	0	16.17	16.21	16.00	17.00
5	64QAM	1	0	15.87	15.95	15.87	17.00
5	64QAM	1	12	15.95	16.06	15.95	17.00
5	64QAM	1	24	15.96	16.10	15.99	17.00
5	64QAM	12	0	16.06	16.18	15.96	17.00
5	64QAM	12	7	16.00	16.08	16.06	17.00
5	64QAM	12	13	15.90	16.07	16.01	17.00
5	64QAM	25	0	15.91	16.07	16.01	17.00

【LTE Band 7_Ant 1_DSI 4 Extremity】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.08	16.29	16.08	17.00
20	QPSK	1	49	16.04	16.17	16.05	17.00
20	QPSK	1	99	15.87	15.97	15.81	17.00
20	QPSK	50	0	15.85	16.19	15.89	17.00
20	QPSK	50	24	16.09	16.18	16.06	17.00
20	QPSK	50	50	16.03	16.16	16.08	17.00
20	QPSK	100	0	16.11	16.23	16.17	17.00
20	16QAM	1	0	15.90	16.05	15.92	17.00
20	16QAM	1	49	16.09	16.21	16.05	17.00
20	16QAM	1	99	16.17	16.28	16.24	17.00
20	16QAM	50	0	16.02	16.15	16.09	17.00
20	16QAM	50	24	16.13	16.19	16.13	17.00
20	16QAM	50	50	16.14	16.22	16.16	17.00
20	16QAM	100	0	16.21	16.26	16.13	17.00
20	64QAM	1	0	15.95	16.03	15.99	17.00
20	64QAM	1	49	16.08	16.20	16.09	17.00
20	64QAM	1	99	16.09	16.17	16.08	17.00
20	64QAM	50	0	16.12	16.23	16.07	17.00
20	64QAM	50	24	16.08	16.19	16.09	17.00
20	64QAM	50	50	16.04	16.18	16.13	17.00
20	64QAM	100	0	16.06	16.22	16.13	17.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.02	16.22	16.05	17.00
15	QPSK	1	37	15.94	16.06	16.03	17.00
15	QPSK	1	74	15.78	15.83	15.75	17.00
15	QPSK	36	0	15.72	16.08	15.78	17.00
15	QPSK	36	20	15.96	16.12	16.05	17.00
15	QPSK	36	39	15.93	16.10	16.03	17.00
15	QPSK	75	0	16.02	16.13	16.11	17.00
15	16QAM	1	0	15.82	15.99	15.85	17.00
15	16QAM	1	37	15.98	16.12	15.95	17.00
15	16QAM	1	74	16.09	16.25	16.19	17.00
15	16QAM	36	0	15.96	16.07	16.01	17.00
15	16QAM	36	20	16.01	16.16	16.07	17.00
15	16QAM	36	39	15.99	16.12	16.11	17.00
15	16QAM	75	0	16.16	16.18	16.00	17.00
15	64QAM	1	0	15.89	16.00	15.88	17.00
15	64QAM	1	37	16.03	16.12	16.06	17.00
15	64QAM	1	74	15.98	16.06	15.96	17.00
15	64QAM	36	0	16.01	16.09	15.95	17.00
15	64QAM	36	20	16.02	16.10	15.96	17.00
15	64QAM	36	39	15.94	16.17	16.04	17.00
15	64QAM	75	0	15.93	16.20	15.98	17.00
Channel				20800	21100	21400	Tune-up limit



Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.93	16.24	15.98	17.00
10	QPSK	1	25	16.03	16.07	15.96	17.00
10	QPSK	1	49	15.76	15.86	15.78	17.00
10	QPSK	25	0	15.76	16.09	15.79	17.00
10	QPSK	25	12	16.01	16.07	16.04	17.00
10	QPSK	25	25	15.92	16.04	16.05	17.00
10	QPSK	50	0	16.07	16.12	16.07	17.00
10	16QAM	1	0	15.89	15.94	15.90	17.00
10	16QAM	1	25	16.00	16.12	15.92	17.00
10	16QAM	1	49	16.16	16.27	16.23	17.00
10	16QAM	25	0	15.97	16.11	15.95	17.00
10	16QAM	25	12	16.02	16.07	16.12	17.00
10	16QAM	25	25	16.07	16.15	16.04	17.00
10	16QAM	50	0	16.15	16.12	16.07	17.00
10	64QAM	1	0	15.86	15.88	15.95	17.00
10	64QAM	1	25	15.96	16.11	15.97	17.00
10	64QAM	1	49	16.06	16.05	15.96	17.00
10	64QAM	25	0	15.98	16.22	15.95	17.00
10	64QAM	25	12	16.06	16.17	16.00	17.00
10	64QAM	25	25	15.99	16.16	16.05	17.00
10	64QAM	50	0	16.04	16.20	16.09	17.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	16.06	16.17	15.96	17.00
5	QPSK	1	12	15.92	16.04	15.91	17.00
5	QPSK	1	24	15.78	15.82	15.73	17.00
5	QPSK	12	0	15.71	16.13	15.87	17.00
5	QPSK	12	7	15.97	16.14	15.95	17.00
5	QPSK	12	13	15.95	16.02	16.00	17.00
5	QPSK	25	0	16.08	16.10	16.10	17.00
5	16QAM	1	0	15.86	15.93	15.88	17.00
5	16QAM	1	12	15.94	16.18	15.92	17.00
5	16QAM	1	24	16.09	16.16	16.21	17.00
5	16QAM	12	0	15.87	16.00	16.03	17.00
5	16QAM	12	7	16.04	16.15	16.09	17.00
5	16QAM	12	13	16.03	16.11	16.04	17.00
5	16QAM	25	0	16.19	16.15	16.03	17.00
5	64QAM	1	0	15.88	15.97	15.87	17.00
5	64QAM	1	12	15.98	16.18	15.94	17.00
5	64QAM	1	24	16.01	16.13	16.03	17.00
5	64QAM	12	0	16.04	16.13	15.94	17.00
5	64QAM	12	7	15.97	16.05	15.98	17.00
5	64QAM	12	13	15.94	16.10	16.06	17.00
5	64QAM	25	0	16.02	16.13	15.99	17.00

【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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	12.95	13.27	13.05	14.00
20	QPSK	1	49	13.17	13.17	13.22	14.00
20	QPSK	1	99	12.82	12.94	12.84	14.00
20	QPSK	50	0	12.99	13.25	12.83	14.00
20	QPSK	50	24	13.06	13.17	13.08	14.00
20	QPSK	50	50	12.97	13.16	13.05	14.00
20	QPSK	100	0	13.05	13.23	13.22	14.00
20	16QAM	1	0	13.36	13.41	13.28	14.00
20	16QAM	1	49	13.54	13.62	13.52	14.00
20	16QAM	1	99	13.17	13.30	13.23	14.00
20	16QAM	50	0	13.14	13.30	13.12	14.00
20	16QAM	50	24	13.03	13.09	13.04	14.00
20	16QAM	50	50	13.14	13.24	13.10	14.00
20	16QAM	100	0	13.26	13.36	13.23	14.00
20	64QAM	1	0	13.21	13.37	13.27	14.00
20	64QAM	1	49	13.37	13.51	13.41	14.00
20	64QAM	1	99	13.15	13.11	13.08	14.00
20	64QAM	50	0	13.14	13.18	13.03	14.00
20	64QAM	50	24	13.09	13.18	12.98	14.00
20	64QAM	50	50	13.01	13.13	13.09	14.00
20	64QAM	100	0	13.19	13.22	13.15	14.00



Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	12.84	13.21	12.93	14.00
15	QPSK	1	37	13.03	13.12	13.10	14.00
15	QPSK	1	74	12.73	12.86	12.71	14.00
15	QPSK	36	0	12.85	13.14	12.74	14.00
15	QPSK	36	20	12.92	13.13	13.01	14.00
15	QPSK	36	39	12.92	13.01	12.97	14.00
15	QPSK	75	0	12.92	13.18	13.12	14.00
15	16QAM	1	0	13.34	13.40	13.26	14.00
15	16QAM	1	37	13.50	13.58	13.42	14.00
15	16QAM	1	74	13.04	13.23	13.15	14.00
15	16QAM	36	0	13.03	13.22	13.03	14.00
15	16QAM	36	20	12.94	12.96	12.89	14.00
15	16QAM	36	39	13.05	13.14	13.09	14.00
15	16QAM	75	0	13.16	13.28	13.13	14.00
15	64QAM	1	0	13.16	13.33	13.15	14.00
15	64QAM	1	37	13.27	13.41	13.27	14.00
15	64QAM	1	74	13.03	13.10	12.93	14.00
15	64QAM	36	0	13.03	13.09	12.98	14.00
15	64QAM	36	20	13.02	13.07	12.89	14.00
15	64QAM	36	39	12.97	13.02	12.96	14.00
15	64QAM	75	0	13.07	13.11	13.07	14.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	12.86	13.19	12.90	14.00
10	QPSK	1	25	13.13	13.08	13.12	14.00
10	QPSK	1	49	12.77	12.90	12.70	14.00
10	QPSK	25	0	12.94	13.22	12.77	14.00
10	QPSK	25	12	12.99	13.07	13.03	14.00
10	QPSK	25	25	12.93	13.13	13.02	14.00
10	QPSK	50	0	13.02	13.19	13.18	14.00
10	16QAM	1	0	13.31	13.32	13.22	14.00
10	16QAM	1	25	13.49	13.60	13.42	14.00
10	16QAM	1	49	13.04	13.16	13.12	14.00
10	16QAM	25	0	13.11	13.18	12.99	14.00
10	16QAM	25	12	12.92	13.02	12.94	14.00
10	16QAM	25	25	13.11	13.14	13.08	14.00
10	16QAM	50	0	13.18	13.28	13.20	14.00
10	64QAM	1	0	13.12	13.34	13.25	14.00
10	64QAM	1	25	13.24	13.37	13.37	14.00
10	64QAM	1	49	13.05	12.96	13.02	14.00
10	64QAM	25	0	13.09	13.10	12.98	14.00
10	64QAM	25	12	12.97	13.05	12.85	14.00
10	64QAM	25	25	12.97	13.10	13.00	14.00
10	64QAM	50	0	13.10	13.08	13.11	14.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	12.89	13.14	12.98	14.00
5	QPSK	1	12	13.11	13.08	13.13	14.00
5	QPSK	1	24	12.70	12.92	12.72	14.00
5	QPSK	12	0	12.84	13.22	12.69	14.00
5	QPSK	12	7	12.98	13.05	12.95	14.00
5	QPSK	12	13	12.89	13.14	12.97	14.00
5	QPSK	25	0	13.02	13.11	13.13	14.00
5	16QAM	1	0	13.33	13.39	13.20	14.00
5	16QAM	1	12	13.43	13.58	13.48	14.00
5	16QAM	1	24	13.11	13.18	13.11	14.00
5	16QAM	12	0	13.09	13.20	12.98	14.00
5	16QAM	12	7	12.95	12.96	13.01	14.00
5	16QAM	12	13	13.09	13.14	13.06	14.00
5	16QAM	25	0	13.25	13.22	13.21	14.00
5	64QAM	1	0	13.13	13.23	13.19	14.00
5	64QAM	1	12	13.32	13.37	13.27	14.00
5	64QAM	1	24	13.03	13.02	12.95	14.00
5	64QAM	12	0	13.01	13.04	12.95	14.00
5	64QAM	12	7	13.05	13.13	12.95	14.00
5	64QAM	12	13	12.99	13.09	13.06	14.00
5	64QAM	25	0	13.14	13.10	13.11	14.00



【LTE Band 26_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.01	23.15	23.08	24.00
15	QPSK	1	37	23.06	23.05	23.00	24.00
15	QPSK	1	74	23.03	23.04	23.11	24.00
15	QPSK	36	0	22.06	22.22	22.10	23.00
15	QPSK	36	20	22.12	22.10	22.04	23.00
15	QPSK	36	39	22.10	22.07	22.15	23.00
15	QPSK	75	0	22.00	22.18	22.06	23.00
15	16QAM	1	0	22.42	22.53	22.44	23.00
15	16QAM	1	37	22.40	22.36	22.39	23.00
15	16QAM	1	74	22.43	22.40	22.35	23.00
15	16QAM	36	0	21.08	21.20	21.17	22.00
15	16QAM	36	20	21.07	21.13	21.14	22.00
15	16QAM	36	39	21.14	21.12	21.12	22.00
15	16QAM	75	0	21.13	21.35	21.05	22.00
15	64QAM	1	0	21.31	21.44	21.41	22.00
15	64QAM	1	37	21.35	21.35	21.32	22.00
15	64QAM	1	74	21.38	21.33	21.30	22.00
15	64QAM	36	0	20.08	20.19	20.20	21.00
15	64QAM	36	20	20.01	20.13	20.20	21.00
15	64QAM	36	39	20.16	20.09	20.11	21.00
15	64QAM	75	0	20.14	20.26	20.00	21.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.88	23.06	22.96	24.00
10	QPSK	1	25	23.04	22.95	22.94	24.00
10	QPSK	1	49	22.94	22.93	23.06	24.00
10	QPSK	25	0	21.93	22.09	22.03	23.00
10	QPSK	25	12	22.03	21.98	21.92	23.00
10	QPSK	25	25	22.07	22.05	22.01	23.00
10	QPSK	50	0	21.85	22.09	22.03	23.00
10	16QAM	1	0	22.28	22.42	22.32	23.00
10	16QAM	1	25	22.33	22.28	22.29	23.00
10	16QAM	1	49	22.31	22.37	22.31	23.00
10	16QAM	25	0	20.95	21.14	21.16	22.00
10	16QAM	25	12	20.98	21.11	21.04	22.00
10	16QAM	25	25	21.03	21.11	21.01	22.00
10	16QAM	50	0	21.00	21.27	20.93	22.00
10	64QAM	1	0	21.25	21.37	21.34	22.00
10	64QAM	1	25	21.24	21.32	21.21	22.00
10	64QAM	1	49	21.31	21.23	21.27	22.00
10	64QAM	25	0	20.00	20.11	20.15	21.00
10	64QAM	25	12	19.92	20.12	20.17	21.00
10	64QAM	25	25	20.07	20.05	20.00	21.00
10	64QAM	50	0	20.04	20.24	19.89	21.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.93	23.11	23.01	24.00
5	QPSK	1	12	22.94	23.02	22.97	24.00
5	QPSK	1	24	22.89	22.98	22.98	24.00
5	QPSK	12	0	21.98	22.09	22.04	23.00
5	QPSK	12	7	22.09	22.03	21.95	23.00
5	QPSK	12	13	22.01	21.93	22.04	23.00
5	QPSK	25	0	21.98	22.13	21.95	23.00
5	16QAM	1	0	22.41	22.42	22.34	23.00
5	16QAM	1	12	22.32	22.28	22.25	23.00
5	16QAM	1	24	22.31	22.32	22.31	23.00
5	16QAM	12	0	21.03	21.07	21.08	22.00
5	16QAM	12	7	21.03	21.09	21.03	22.00
5	16QAM	12	13	21.01	20.98	21.08	22.00
5	16QAM	25	0	21.06	21.24	21.00	22.00
5	64QAM	1	0	21.20	21.40	21.35	22.00
5	64QAM	1	12	21.34	21.27	21.28	22.00
5	64QAM	1	24	21.34	21.21	21.21	22.00
5	64QAM	12	0	20.03	20.17	20.13	21.00
5	64QAM	12	7	19.91	20.07	20.10	21.00
5	64QAM	12	13	20.11	19.97	19.97	21.00
5	64QAM	25	0	20.03	20.14	19.98	21.00



Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.95	23.02	23.06	24.00
3	QPSK	1	8	23.04	22.97	22.96	24.00
3	QPSK	1	14	22.98	22.92	23.00	24.00
3	QPSK	8	0	21.92	22.14	21.99	23.00
3	QPSK	8	4	22.06	22.04	21.89	23.00
3	QPSK	8	7	22.00	21.99	22.09	23.00
3	QPSK	15	0	21.90	22.14	21.93	23.00
3	16QAM	1	0	22.32	22.40	22.38	23.00
3	16QAM	1	8	22.33	22.28	22.30	23.00
3	16QAM	1	14	22.42	22.26	22.23	23.00
3	16QAM	8	0	21.02	21.14	21.06	22.00
3	16QAM	8	4	20.99	21.02	21.09	22.00
3	16QAM	8	7	21.00	21.06	21.02	22.00
3	16QAM	15	0	21.02	21.20	20.99	22.00
3	64QAM	1	0	21.29	21.31	21.34	22.00
3	64QAM	1	8	21.27	21.26	21.24	22.00
3	64QAM	1	14	21.26	21.23	21.19	22.00
3	64QAM	8	0	20.04	20.11	20.18	21.00
3	64QAM	8	4	19.93	20.09	20.09	21.00
3	64QAM	8	7	20.13	20.00	20.01	21.00
3	64QAM	15	0	20.03	20.23	19.93	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.91	23.14	22.96	24.00
1.4	QPSK	1	3	22.92	23.02	22.87	24.00
1.4	QPSK	1	5	22.96	23.00	22.98	24.00
1.4	QPSK	3	0	22.92	23.13	23.02	24.00
1.4	QPSK	3	1	23.06	23.07	23.02	24.00
1.4	QPSK	3	3	23.08	22.98	23.00	24.00
1.4	QPSK	6	0	21.92	22.04	21.94	23.00
1.4	16QAM	1	0	22.34	22.45	22.33	23.00
1.4	16QAM	1	3	22.31	22.31	22.28	23.00
1.4	16QAM	1	5	22.40	22.31	22.28	23.00
1.4	16QAM	3	0	21.94	22.16	22.10	23.00
1.4	16QAM	3	1	22.01	21.98	21.99	23.00
1.4	16QAM	3	3	22.03	21.98	22.05	23.00
1.4	16QAM	6	0	21.07	21.29	20.98	22.00
1.4	64QAM	1	0	21.28	21.36	21.38	22.00
1.4	64QAM	1	3	21.26	21.22	21.17	22.00
1.4	64QAM	1	5	21.30	21.31	21.25	22.00
1.4	64QAM	3	0	21.02	21.08	21.08	22.00
1.4	64QAM	3	1	20.95	21.06	21.15	22.00
1.4	64QAM	3	3	21.09	21.03	21.04	22.00
1.4	64QAM	6	0	20.05	20.18	19.94	21.00

【LTE Band 26_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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.01	23.15	23.08	24.00
15	QPSK	1	37	23.06	23.05	23.00	24.00
15	QPSK	1	74	23.03	23.04	23.11	24.00
15	QPSK	36	0	22.06	22.22	22.10	23.00
15	QPSK	36	20	22.12	22.10	22.04	23.00
15	QPSK	36	39	22.10	22.07	22.15	23.00
15	QPSK	75	0	22.00	22.18	22.06	23.00
15	16QAM	1	0	22.42	22.53	22.44	23.00
15	16QAM	1	37	22.40	22.36	22.39	23.00
15	16QAM	1	74	22.43	22.40	22.35	23.00
15	16QAM	36	0	21.08	21.20	21.17	22.00
15	16QAM	36	20	21.07	21.13	21.14	22.00
15	16QAM	36	39	21.14	21.12	21.12	22.00
15	16QAM	75	0	21.13	21.35	21.05	22.00
15	64QAM	1	0	21.31	21.44	21.41	22.00
15	64QAM	1	37	21.35	21.35	21.32	22.00
15	64QAM	1	74	21.38	21.33	21.30	22.00
15	64QAM	36	0	20.08	20.19	20.20	21.00
15	64QAM	36	20	20.01	20.13	20.20	21.00
15	64QAM	36	39	20.16	20.09	20.11	21.00



15	64QAM	75	0	20.14	20.26	20.00	21.00
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.95	23.10	23.06	24.00
10	QPSK	1	25	22.97	22.92	22.88	24.00
10	QPSK	1	49	22.95	23.01	23.08	24.00
10	QPSK	25	0	22.03	22.08	22.02	23.00
10	QPSK	25	12	22.04	21.95	22.03	23.00
10	QPSK	25	25	22.08	22.01	22.02	23.00
10	QPSK	50	0	21.91	22.14	21.99	23.00
10	16QAM	1	0	22.31	22.44	22.35	23.00
10	16QAM	1	25	22.36	22.33	22.30	23.00
10	16QAM	1	49	22.32	22.31	22.28	23.00
10	16QAM	25	0	21.03	21.14	21.14	22.00
10	16QAM	25	12	21.01	20.99	21.10	22.00
10	16QAM	25	25	21.10	21.10	20.98	22.00
10	16QAM	50	0	21.12	21.28	20.98	22.00
10	64QAM	1	0	21.21	21.41	21.26	22.00
10	64QAM	1	25	21.32	21.32	21.21	22.00
10	64QAM	1	49	21.23	21.21	21.22	22.00
10	64QAM	25	0	19.98	20.16	20.08	21.00
10	64QAM	25	12	19.88	20.04	20.11	21.00
10	64QAM	25	25	20.14	20.05	20.08	21.00
10	64QAM	50	0	20.04	20.15	19.87	21.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.87	23.13	23.01	24.00
5	QPSK	1	12	23.02	22.95	22.86	24.00
5	QPSK	1	24	22.98	22.96	23.09	24.00
5	QPSK	12	0	21.92	22.19	21.99	23.00
5	QPSK	12	7	21.99	21.98	21.99	23.00
5	QPSK	12	13	22.05	21.92	22.02	23.00
5	QPSK	25	0	21.86	22.11	22.00	23.00
5	16QAM	1	0	22.40	22.42	22.32	23.00
5	16QAM	1	12	22.33	22.27	22.29	23.00
5	16QAM	1	24	22.39	22.27	22.26	23.00
5	16QAM	12	0	20.97	21.06	21.06	22.00
5	16QAM	12	7	21.03	21.00	21.11	22.00
5	16QAM	12	13	21.07	21.03	20.98	22.00
5	16QAM	25	0	21.12	21.27	20.92	22.00
5	64QAM	1	0	21.25	21.35	21.31	22.00
5	64QAM	1	12	21.25	21.33	21.23	22.00
5	64QAM	1	24	21.24	21.31	21.23	22.00
5	64QAM	12	0	20.03	20.17	20.11	21.00
5	64QAM	12	7	19.92	20.02	20.17	21.00
5	64QAM	12	13	20.13	20.06	19.97	21.00
5	64QAM	25	0	20.08	20.17	19.92	21.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.96	23.11	22.94	24.00
3	QPSK	1	8	22.93	22.96	22.86	24.00
3	QPSK	1	14	23.00	22.91	23.07	24.00
3	QPSK	8	0	21.94	22.19	22.00	23.00
3	QPSK	8	4	22.03	22.08	21.96	23.00
3	QPSK	8	7	21.95	21.98	22.09	23.00
3	QPSK	15	0	21.91	22.07	21.91	23.00
3	16QAM	1	0	22.33	22.49	22.34	23.00
3	16QAM	1	8	22.31	22.30	22.27	23.00
3	16QAM	1	14	22.29	22.30	22.33	23.00
3	16QAM	8	0	21.06	21.16	21.03	22.00
3	16QAM	8	4	21.01	21.03	21.08	22.00
3	16QAM	8	7	21.02	21.10	21.06	22.00
3	16QAM	15	0	21.12	21.29	21.03	22.00
3	64QAM	1	0	21.26	21.29	21.34	22.00
3	64QAM	1	8	21.30	21.20	21.29	22.00
3	64QAM	1	14	21.34	21.19	21.24	22.00
3	64QAM	8	0	20.01	20.15	20.10	21.00
3	64QAM	8	4	19.91	20.06	20.06	21.00
3	64QAM	8	7	20.05	20.01	20.09	21.00
3	64QAM	15	0	20.02	20.21	19.88	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.98	23.01	22.96	24.00
1.4	QPSK	1	3	22.95	22.97	22.89	24.00



1.4	QPSK	1	5	22.91	22.95	23.06	24.00
1.4	QPSK	3	0	22.96	23.17	23.04	24.00
1.4	QPSK	3	1	23.10	23.06	22.91	24.00
1.4	QPSK	3	3	23.03	22.93	23.01	24.00
1.4	QPSK	6	0	21.97	22.04	21.96	23.00
1.4	16QAM	1	0	22.38	22.50	22.35	23.00
1.4	16QAM	1	3	22.31	22.33	22.37	23.00
1.4	16QAM	1	5	22.41	22.29	22.28	23.00
1.4	16QAM	3	0	21.99	22.07	22.10	23.00
1.4	16QAM	3	1	21.94	22.02	22.09	23.00
1.4	16QAM	3	3	22.01	21.98	22.09	23.00
1.4	16QAM	6	0	21.02	21.29	21.00	22.00
1.4	64QAM	1	0	21.17	21.34	21.37	22.00
1.4	64QAM	1	3	21.33	21.27	21.23	22.00
1.4	64QAM	1	5	21.36	21.23	21.23	22.00
1.4	64QAM	3	0	21.05	21.13	21.13	22.00
1.4	64QAM	3	1	20.96	21.01	21.16	22.00
1.4	64QAM	3	3	21.05	21.03	20.99	22.00
1.4	64QAM	6	0	20.05	20.22	19.87	21.00

【LTE Band 26_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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.01	23.15	23.08	24.00
15	QPSK	1	37	23.06	23.05	23.00	24.00
15	QPSK	1	74	23.03	23.04	23.11	24.00
15	QPSK	36	0	22.06	22.22	22.10	23.00
15	QPSK	36	20	22.12	22.10	22.04	23.00
15	QPSK	36	39	22.10	22.07	22.15	23.00
15	QPSK	75	0	22.00	22.18	22.06	23.00
15	16QAM	1	0	22.42	22.53	22.44	23.00
15	16QAM	1	37	22.40	22.36	22.39	23.00
15	16QAM	1	74	22.43	22.40	22.35	23.00
15	16QAM	36	0	21.08	21.20	21.17	22.00
15	16QAM	36	20	21.07	21.13	21.14	22.00
15	16QAM	36	39	21.14	21.12	21.12	22.00
15	16QAM	75	0	21.13	21.35	21.05	22.00
15	64QAM	1	0	21.31	21.44	21.41	22.00
15	64QAM	1	37	21.35	21.35	21.32	22.00
15	64QAM	1	74	21.38	21.33	21.30	22.00
15	64QAM	36	0	20.08	20.19	20.20	21.00
15	64QAM	36	20	20.01	20.13	20.20	21.00
15	64QAM	36	39	20.16	20.09	20.11	21.00
15	64QAM	75	0	20.14	20.26	20.00	21.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.00	23.08	23.04	24.00
10	QPSK	1	25	23.00	23.02	23.01	24.00
10	QPSK	1	49	23.02	23.00	23.01	24.00
10	QPSK	25	0	22.01	22.21	22.07	23.00
10	QPSK	25	12	22.01	22.04	22.00	23.00
10	QPSK	25	25	22.07	22.01	22.08	23.00
10	QPSK	50	0	22.01	22.14	22.03	23.00
10	16QAM	1	0	22.29	22.42	22.31	23.00
10	16QAM	1	25	22.33	22.23	22.31	23.00
10	16QAM	1	49	22.36	22.31	22.22	23.00
10	16QAM	25	0	21.00	21.12	21.09	22.00
10	16QAM	25	12	21.00	21.03	21.00	22.00
10	16QAM	25	25	21.00	21.00	21.02	22.00
10	16QAM	50	0	21.07	21.29	21.00	22.00
10	64QAM	1	0	21.22	21.39	21.33	22.00
10	64QAM	1	25	21.29	21.24	21.19	22.00
10	64QAM	1	49	21.30	21.20	21.29	22.00
10	64QAM	25	0	20.00	20.05	20.11	21.00
10	64QAM	25	12	20.00	20.01	20.12	21.00
10	64QAM	25	25	20.06	20.00	20.00	21.00
10	64QAM	50	0	20.09	20.14	20.01	21.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.01	23.01	23.01	24.00



5	QPSK	1	12	23.04	23.00	23.02	24.00
5	QPSK	1	24	23.01	23.01	23.08	24.00
5	QPSK	12	0	22.03	22.09	22.00	23.00
5	QPSK	12	7	22.02	22.01	22.01	23.00
5	QPSK	12	13	22.02	22.00	22.12	23.00
5	QPSK	25	0	22.02	22.17	22.03	23.00
5	16QAM	1	0	22.38	22.42	22.36	23.00
5	16QAM	1	12	22.30	22.22	22.31	23.00
5	16QAM	1	24	22.29	22.37	22.25	23.00
5	16QAM	12	0	21.01	21.12	21.09	22.00
5	16QAM	12	7	21.00	21.05	21.03	22.00
5	16QAM	12	13	21.09	21.10	21.01	22.00
5	16QAM	25	0	21.05	21.31	21.01	22.00
5	64QAM	1	0	21.24	21.34	21.36	22.00
5	64QAM	1	12	21.34	21.24	21.20	22.00
5	64QAM	1	24	21.28	21.27	21.23	22.00
5	64QAM	12	0	20.03	20.11	20.07	21.00
5	64QAM	12	7	20.01	20.06	20.15	21.00
5	64QAM	12	13	20.09	20.00	20.02	21.00
5	64QAM	25	0	20.05	20.14	20.00	21.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.01	23.05	23.00	24.00
3	QPSK	1	8	23.02	23.00	23.00	24.00
3	QPSK	1	14	23.01	23.00	23.09	24.00
3	QPSK	8	0	22.00	22.09	22.05	23.00
3	QPSK	8	4	22.07	22.00	22.01	23.00
3	QPSK	8	7	22.04	22.00	22.03	23.00
3	QPSK	15	0	22.00	22.10	22.01	23.00
3	16QAM	1	0	22.38	22.48	22.33	23.00
3	16QAM	1	8	22.30	22.35	22.38	23.00
3	16QAM	1	14	22.35	22.26	22.31	23.00
3	16QAM	8	0	21.06	21.05	21.06	22.00
3	16QAM	8	4	21.01	21.11	21.10	22.00
3	16QAM	8	7	21.00	21.00	21.03	22.00
3	16QAM	15	0	21.03	21.26	21.02	22.00
3	64QAM	1	0	21.16	21.38	21.29	22.00
3	64QAM	1	8	21.26	21.22	21.17	22.00
3	64QAM	1	14	21.34	21.28	21.26	22.00
3	64QAM	8	0	20.00	20.06	20.12	21.00
3	64QAM	8	4	20.00	20.00	20.17	21.00
3	64QAM	8	7	20.09	20.00	20.00	21.00
3	64QAM	15	0	20.04	20.17	20.00	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.00	23.00	23.00	24.00
1.4	QPSK	1	3	23.00	23.00	23.01	24.00
1.4	QPSK	1	5	23.00	23.00	23.02	24.00
1.4	QPSK	3	0	23.04	23.13	23.00	24.00
1.4	QPSK	3	1	23.04	23.08	23.02	24.00
1.4	QPSK	3	3	23.00	23.00	23.00	24.00
1.4	QPSK	6	0	22.01	22.15	22.00	23.00
1.4	16QAM	1	0	22.28	22.49	22.32	23.00
1.4	16QAM	1	3	22.34	22.31	22.30	23.00
1.4	16QAM	1	5	22.35	22.28	22.25	23.00
1.4	16QAM	3	0	22.06	22.06	22.07	23.00
1.4	16QAM	3	1	22.00	22.07	22.02	23.00
1.4	16QAM	3	3	22.00	22.01	22.03	23.00
1.4	16QAM	6	0	21.03	21.30	21.00	22.00
1.4	64QAM	1	0	21.28	21.41	21.27	22.00
1.4	64QAM	1	3	21.25	21.21	21.18	22.00
1.4	64QAM	1	5	21.26	21.24	21.23	22.00
1.4	64QAM	3	0	21.03	21.17	21.07	22.00
1.4	64QAM	3	1	21.02	21.12	21.10	22.00
1.4	64QAM	3	3	21.12	21.03	21.00	22.00
1.4	64QAM	6	0	20.00	20.19	20.01	21.00



【LTE Band 26_Ant 0_DSI 4 Body-worn】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.01	23.15	23.08	24.00
15	QPSK	1	37	23.06	23.05	23.00	24.00
15	QPSK	1	74	23.03	23.04	23.11	24.00
15	QPSK	36	0	22.06	22.22	22.10	23.00
15	QPSK	36	20	22.12	22.10	22.04	23.00
15	QPSK	36	39	22.10	22.07	22.15	23.00
15	QPSK	75	0	22.00	22.18	22.06	23.00
15	16QAM	1	0	22.42	22.53	22.44	23.00
15	16QAM	1	37	22.40	22.36	22.39	23.00
15	16QAM	1	74	22.43	22.40	22.35	23.00
15	16QAM	36	0	21.08	21.20	21.17	22.00
15	16QAM	36	20	21.07	21.13	21.14	22.00
15	16QAM	36	39	21.14	21.12	21.12	22.00
15	16QAM	75	0	21.13	21.35	21.05	22.00
15	64QAM	1	0	21.31	21.44	21.41	22.00
15	64QAM	1	37	21.35	21.35	21.32	22.00
15	64QAM	1	74	21.38	21.33	21.30	22.00
15	64QAM	36	0	20.08	20.19	20.20	21.00
15	64QAM	36	20	20.01	20.13	20.20	21.00
15	64QAM	36	39	20.16	20.09	20.11	21.00
15	64QAM	75	0	20.14	20.26	20.00	21.00
Channel				26740	26865	26990	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.00	23.10	23.07	24.00
10	QPSK	1	25	22.99	22.94	22.92	24.00
10	QPSK	1	49	23.01	22.95	23.01	24.00
10	QPSK	25	0	21.92	22.19	21.99	23.00
10	QPSK	25	12	22.04	22.07	22.01	23.00
10	QPSK	25	25	22.01	22.00	22.01	23.00
10	QPSK	50	0	21.94	22.16	21.99	23.00
10	16QAM	1	0	22.28	22.38	22.40	23.00
10	16QAM	1	25	22.28	22.31	22.30	23.00
10	16QAM	1	49	22.38	22.36	22.26	23.00
10	16QAM	25	0	20.99	21.06	21.11	22.00
10	16QAM	25	12	20.98	21.02	21.08	22.00
10	16QAM	25	25	21.00	21.01	21.08	22.00
10	16QAM	50	0	21.05	21.31	21.03	22.00
10	64QAM	1	0	21.29	21.43	21.28	22.00
10	64QAM	1	25	21.20	21.33	21.19	22.00
10	64QAM	1	49	21.36	21.31	21.18	22.00
10	64QAM	25	0	19.94	20.11	20.16	21.00
10	64QAM	25	12	19.97	20.00	20.18	21.00
10	64QAM	25	25	20.08	20.01	20.04	21.00
10	64QAM	50	0	20.01	20.14	19.97	21.00
Channel				26715	26865	27015	
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.87	23.07	23.01	24.00
5	QPSK	1	12	23.05	22.97	22.90	24.00
5	QPSK	1	24	22.98	22.95	22.99	24.00
5	QPSK	12	0	22.02	22.14	22.04	23.00
5	QPSK	12	7	22.04	22.08	22.03	23.00
5	QPSK	12	13	21.97	21.99	22.03	23.00
5	QPSK	25	0	21.94	22.17	22.05	23.00
5	16QAM	1	0	22.39	22.52	22.33	23.00
5	16QAM	1	12	22.38	22.24	22.37	23.00
5	16QAM	1	24	22.32	22.38	22.34	23.00
5	16QAM	12	0	20.94	21.19	21.12	22.00
5	16QAM	12	7	20.94	20.99	21.11	22.00
5	16QAM	12	13	21.05	21.08	20.98	22.00
5	16QAM	25	0	21.07	21.26	20.92	22.00
5	64QAM	1	0	21.25	21.33	21.36	22.00
5	64QAM	1	12	21.25	21.25	21.27	22.00
5	64QAM	1	24	21.34	21.24	21.27	22.00
5	64QAM	12	0	20.06	20.10	20.13	21.00
5	64QAM	12	7	19.88	20.09	20.17	21.00
5	64QAM	12	13	20.12	20.07	19.96	21.00
5	64QAM	25	0	20.12	20.22	19.92	21.00



Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.93	23.03	23.03	24.00
3	QPSK	1	8	23.03	22.92	22.86	24.00
3	QPSK	1	14	22.89	22.95	22.97	24.00
3	QPSK	8	0	21.93	22.12	22.01	23.00
3	QPSK	8	4	22.02	21.95	22.02	23.00
3	QPSK	8	7	21.96	21.94	22.06	23.00
3	QPSK	15	0	21.89	22.05	21.92	23.00
3	16QAM	1	0	22.36	22.44	22.40	23.00
3	16QAM	1	8	22.38	22.34	22.28	23.00
3	16QAM	1	14	22.41	22.28	22.34	23.00
3	16QAM	8	0	20.96	21.10	21.14	22.00
3	16QAM	8	4	20.94	21.10	21.13	22.00
3	16QAM	8	7	21.05	21.03	20.98	22.00
3	16QAM	15	0	21.09	21.30	20.96	22.00
3	64QAM	1	0	21.28	21.31	21.40	22.00
3	64QAM	1	8	21.24	21.34	21.18	22.00
3	64QAM	1	14	21.33	21.29	21.16	22.00
3	64QAM	8	0	19.96	20.09	20.11	21.00
3	64QAM	8	4	19.92	20.08	20.16	21.00
3	64QAM	8	7	20.13	20.07	20.08	21.00
3	64QAM	15	0	20.00	20.12	19.88	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.89	23.07	23.02	24.00
1.4	QPSK	1	3	22.97	23.03	22.85	24.00
1.4	QPSK	1	5	22.95	22.99	23.07	24.00
1.4	QPSK	3	0	23.04	23.21	23.06	24.00
1.4	QPSK	3	1	22.98	23.06	22.99	24.00
1.4	QPSK	3	3	23.03	23.04	23.05	24.00
1.4	QPSK	6	0	21.95	22.14	21.93	23.00
1.4	16QAM	1	0	22.35	22.39	22.43	23.00
1.4	16QAM	1	3	22.36	22.21	22.25	23.00
1.4	16QAM	1	5	22.37	22.34	22.25	23.00
1.4	16QAM	3	0	21.94	22.11	22.08	23.00
1.4	16QAM	3	1	21.93	22.04	22.08	23.00
1.4	16QAM	3	3	22.05	22.02	22.07	23.00
1.4	16QAM	6	0	21.08	21.28	20.91	22.00
1.4	64QAM	1	0	21.25	21.41	21.27	22.00
1.4	64QAM	1	3	21.27	21.32	21.23	22.00
1.4	64QAM	1	5	21.26	21.19	21.23	22.00
1.4	64QAM	3	0	21.05	21.10	21.18	22.00
1.4	64QAM	3	1	20.91	21.09	21.10	22.00
1.4	64QAM	3	3	21.09	21.01	21.06	22.00
1.4	64QAM	6	0	20.12	20.25	19.94	21.00

【LTE Band 26_Ant 0_DSI 4 Extremity】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.01	23.15	23.08	24.00
15	QPSK	1	37	23.06	23.05	23.00	24.00
15	QPSK	1	74	23.03	23.04	23.11	24.00
15	QPSK	36	0	22.06	22.22	22.10	23.00
15	QPSK	36	20	22.12	22.10	22.04	23.00
15	QPSK	36	39	22.10	22.07	22.15	23.00
15	QPSK	75	0	22.00	22.18	22.06	23.00
15	16QAM	1	0	22.42	22.53	22.44	23.00
15	16QAM	1	37	22.40	22.36	22.39	23.00
15	16QAM	1	74	22.43	22.40	22.35	23.00
15	16QAM	36	0	21.08	21.20	21.17	22.00
15	16QAM	36	20	21.07	21.13	21.14	22.00
15	16QAM	36	39	21.14	21.12	21.12	22.00
15	16QAM	75	0	21.13	21.35	21.05	22.00
15	64QAM	1	0	21.31	21.44	21.41	22.00
15	64QAM	1	37	21.35	21.35	21.32	22.00
15	64QAM	1	74	21.38	21.33	21.30	22.00
15	64QAM	36	0	20.08	20.19	20.20	21.00
15	64QAM	36	20	20.01	20.13	20.20	21.00
15	64QAM	36	39	20.16	20.09	20.11	21.00



15	64QAM	75	0	20.14	20.26	20.00	21.00
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.88	23.04	23.04	24.00
10	QPSK	1	25	23.02	23.03	22.92	24.00
10	QPSK	1	49	22.99	22.95	23.06	24.00
10	QPSK	25	0	22.05	22.14	22.04	23.00
10	QPSK	25	12	22.10	22.08	21.98	23.00
10	QPSK	25	25	22.05	21.96	22.02	23.00
10	QPSK	50	0	21.93	22.08	21.99	23.00
10	16QAM	1	0	22.40	22.43	22.33	23.00
10	16QAM	1	25	22.36	22.34	22.25	23.00
10	16QAM	1	49	22.32	22.29	22.28	23.00
10	16QAM	25	0	20.98	21.13	21.05	22.00
10	16QAM	25	12	21.01	21.11	20.99	22.00
10	16QAM	25	25	21.12	20.99	20.98	22.00
10	16QAM	50	0	21.10	21.23	21.04	22.00
10	64QAM	1	0	21.28	21.34	21.33	22.00
10	64QAM	1	25	21.28	21.26	21.26	22.00
10	64QAM	1	49	21.28	21.20	21.28	22.00
10	64QAM	25	0	19.99	20.15	20.11	21.00
10	64QAM	25	12	19.92	20.08	20.13	21.00
10	64QAM	25	25	20.12	20.04	20.03	21.00
10	64QAM	50	0	20.04	20.16	19.96	21.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.92	23.07	23.03	24.00
5	QPSK	1	12	23.04	22.98	22.86	24.00
5	QPSK	1	24	22.95	22.90	23.07	24.00
5	QPSK	12	0	21.93	22.19	21.95	23.00
5	QPSK	12	7	22.04	22.05	22.02	23.00
5	QPSK	12	13	22.09	22.05	22.04	23.00
5	QPSK	25	0	21.91	22.14	22.00	23.00
5	16QAM	1	0	22.28	22.39	22.33	23.00
5	16QAM	1	12	22.32	22.32	22.36	23.00
5	16QAM	1	24	22.30	22.34	22.22	23.00
5	16QAM	12	0	21.05	21.05	21.11	22.00
5	16QAM	12	7	20.94	21.04	21.02	22.00
5	16QAM	12	13	21.10	21.08	21.10	22.00
5	16QAM	25	0	21.09	21.23	20.97	22.00
5	64QAM	1	0	21.25	21.40	21.29	22.00
5	64QAM	1	12	21.25	21.22	21.30	22.00
5	64QAM	1	24	21.36	21.25	21.19	22.00
5	64QAM	12	0	20.03	20.16	20.11	21.00
5	64QAM	12	7	19.94	20.01	20.17	21.00
5	64QAM	12	13	20.15	19.95	20.07	21.00
5	64QAM	25	0	20.03	20.12	19.86	21.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	23.00	23.08	23.02	24.00
3	QPSK	1	8	22.98	23.00	22.93	24.00
3	QPSK	1	14	22.91	23.02	23.02	24.00
3	QPSK	8	0	22.05	22.16	21.98	23.00
3	QPSK	8	4	22.04	22.03	21.97	23.00
3	QPSK	8	7	22.06	22.00	22.11	23.00
3	QPSK	15	0	21.92	22.03	22.04	23.00
3	16QAM	1	0	22.39	22.38	22.30	23.00
3	16QAM	1	8	22.35	22.24	22.33	23.00
3	16QAM	1	14	22.38	22.28	22.22	23.00
3	16QAM	8	0	21.00	21.10	21.10	22.00
3	16QAM	8	4	20.95	21.08	21.10	22.00
3	16QAM	8	7	21.02	21.08	21.07	22.00
3	16QAM	15	0	21.07	21.31	20.92	22.00
3	64QAM	1	0	21.24	21.32	21.27	22.00
3	64QAM	1	8	21.33	21.23	21.20	22.00
3	64QAM	1	14	21.32	21.26	21.15	22.00
3	64QAM	8	0	20.04	20.07	20.14	21.00
3	64QAM	8	4	19.98	19.99	20.05	21.00
3	64QAM	8	7	20.05	19.98	19.97	21.00
3	64QAM	15	0	20.12	20.14	19.89	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.87	23.06	23.01	24.00
1.4	QPSK	1	3	23.04	22.98	22.86	24.00



1.4	QPSK	1	5	22.97	22.95	23.04	24.00
1.4	QPSK	3	0	22.93	23.17	23.07	24.00
1.4	QPSK	3	1	23.03	23.04	23.01	24.00
1.4	QPSK	3	3	23.02	22.97	23.10	24.00
1.4	QPSK	6	0	21.85	22.10	21.92	23.00
1.4	16QAM	1	0	22.33	22.39	22.33	23.00
1.4	16QAM	1	3	22.32	22.28	22.30	23.00
1.4	16QAM	1	5	22.32	22.28	22.25	23.00
1.4	16QAM	3	0	21.93	22.13	22.15	23.00
1.4	16QAM	3	1	22.02	22.10	22.03	23.00
1.4	16QAM	3	3	22.07	22.11	22.05	23.00
1.4	16QAM	6	0	21.12	21.22	20.92	22.00
1.4	64QAM	1	0	21.17	21.32	21.30	22.00
1.4	64QAM	1	3	21.26	21.29	21.26	22.00
1.4	64QAM	1	5	21.24	21.29	21.27	22.00
1.4	64QAM	3	0	20.94	21.14	21.18	22.00
1.4	64QAM	3	1	20.87	21.09	21.06	22.00
1.4	64QAM	3	3	21.10	20.98	21.05	22.00
1.4	64QAM	6	0	20.10	20.22	19.91	21.00

【LTE Band 38_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.14	23.02	23.15	24.00
20	QPSK	1	49	23.07	22.87	23.02	24.00
20	QPSK	1	99	23.01	22.90	23.04	24.00
20	QPSK	50	0	21.89	21.95	22.00	23.00
20	QPSK	50	24	21.91	21.84	21.91	23.00
20	QPSK	50	50	21.89	21.90	21.88	23.00
20	QPSK	100	0	21.89	21.90	22.13	23.00
20	16QAM	1	0	21.88	21.89	22.02	23.00
20	16QAM	1	49	21.97	21.86	21.93	23.00
20	16QAM	1	99	21.91	21.86	21.88	23.00
20	16QAM	50	0	20.95	20.96	21.05	22.00
20	16QAM	50	24	20.99	20.98	20.91	22.00
20	16QAM	50	50	20.90	20.91	20.95	22.00
20	16QAM	100	0	20.97	20.89	21.14	22.00
20	64QAM	1	0	20.44	20.48	20.59	22.00
20	64QAM	1	49	20.51	20.47	20.46	22.00
20	64QAM	1	99	20.51	20.46	20.45	22.00
20	64QAM	50	0	19.91	19.95	20.02	21.00
20	64QAM	50	24	19.96	19.88	19.93	21.00
20	64QAM	50	50	19.93	19.93	19.94	21.00
20	64QAM	100	0	19.95	19.86	20.15	21.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.03	22.99	23.04	24.00
15	QPSK	1	37	22.94	22.78	22.89	24.00
15	QPSK	1	74	22.99	22.77	22.90	24.00
15	QPSK	36	0	21.74	21.77	21.99	23.00
15	QPSK	36	20	21.85	21.91	21.88	23.00
15	QPSK	36	39	21.82	21.89	21.78	23.00
15	QPSK	75	0	21.76	21.76	22.02	23.00
15	16QAM	1	0	21.84	21.82	21.99	23.00
15	16QAM	1	37	21.94	21.74	21.82	23.00
15	16QAM	1	74	21.85	21.76	21.78	23.00
15	16QAM	36	0	20.81	20.82	20.94	22.00
15	16QAM	36	20	20.86	20.89	20.78	22.00
15	16QAM	36	39	20.82	20.84	20.89	22.00
15	16QAM	75	0	20.89	20.76	21.08	22.00
15	64QAM	1	0	20.30	20.40	20.52	22.00
15	64QAM	1	37	20.45	20.43	20.38	22.00
15	64QAM	1	74	20.40	20.36	20.31	22.00
15	64QAM	36	0	19.83	19.88	19.99	21.00
15	64QAM	36	20	19.83	19.79	19.87	21.00
15	64QAM	36	39	19.91	19.83	19.89	21.00
15	64QAM	75	0	19.82	19.73	20.14	21.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.99	22.89	23.09	24.00



10	QPSK	1	25	23.02	22.74	22.90	24.00
10	QPSK	1	49	22.91	22.82	22.99	24.00
10	QPSK	25	0	21.83	21.76	21.88	23.00
10	QPSK	25	12	21.82	21.83	21.86	23.00
10	QPSK	25	25	21.85	21.85	21.82	23.00
10	QPSK	50	0	21.76	21.82	22.12	23.00
10	16QAM	1	0	21.81	21.77	21.97	23.00
10	16QAM	1	25	21.90	21.78	21.79	23.00
10	16QAM	1	49	21.76	21.85	21.77	23.00
10	16QAM	25	0	20.81	20.87	20.91	22.00
10	16QAM	25	12	20.96	20.85	20.84	22.00
10	16QAM	25	25	20.85	20.76	20.94	22.00
10	16QAM	50	0	20.85	20.75	21.08	22.00
10	64QAM	1	0	20.34	20.42	20.54	22.00
10	64QAM	1	25	20.37	20.46	20.32	22.00
10	64QAM	1	49	20.39	20.32	20.31	22.00
10	64QAM	25	0	19.83	19.88	19.88	21.00
10	64QAM	25	12	19.91	19.83	19.87	21.00
10	64QAM	25	25	19.89	19.92	19.88	21.00
10	64QAM	50	0	19.91	19.80	20.03	21.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.07	22.91	23.12	24.00
5	QPSK	1	12	23.00	22.80	22.88	24.00
5	QPSK	1	24	22.99	22.88	23.02	24.00
5	QPSK	12	0	21.76	21.81	21.91	23.00
5	QPSK	12	7	21.76	21.87	21.78	23.00
5	QPSK	12	13	21.83	21.80	21.78	23.00
5	QPSK	25	0	21.75	21.76	22.09	23.00
5	16QAM	1	0	21.86	21.87	21.99	23.00
5	16QAM	1	12	21.86	21.78	21.84	23.00
5	16QAM	1	24	21.82	21.84	21.73	23.00
5	16QAM	12	0	20.84	20.85	21.02	22.00
5	16QAM	12	7	20.95	20.88	20.80	22.00
5	16QAM	12	13	20.83	20.88	20.83	22.00
5	16QAM	25	0	20.91	20.87	21.12	22.00
5	64QAM	1	0	20.37	20.39	20.55	22.00
5	64QAM	1	12	20.39	20.44	20.34	22.00
5	64QAM	1	24	20.43	20.31	20.39	22.00
5	64QAM	12	0	19.89	19.85	19.91	21.00
5	64QAM	12	7	19.83	19.85	19.78	21.00
5	64QAM	12	13	19.91	19.82	19.90	21.00
5	64QAM	25	0	19.87	19.83	20.10	21.00

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.14	23.02	23.15	24.00
20	QPSK	1	49	23.07	22.87	23.02	24.00
20	QPSK	1	99	23.01	22.90	23.04	24.00
20	QPSK	50	0	21.89	21.95	22.00	23.00
20	QPSK	50	24	21.91	21.84	21.91	23.00
20	QPSK	50	50	21.89	21.90	21.88	23.00
20	QPSK	100	0	21.89	21.90	22.13	23.00
20	16QAM	1	0	21.88	21.89	22.02	23.00
20	16QAM	1	49	21.97	21.86	21.93	23.00
20	16QAM	1	99	21.91	21.86	21.88	23.00
20	16QAM	50	0	20.95	20.96	21.05	22.00
20	16QAM	50	24	20.99	20.98	20.91	22.00
20	16QAM	50	50	20.90	20.91	20.95	22.00
20	16QAM	100	0	20.97	20.89	21.14	22.00
20	64QAM	1	0	20.44	20.48	20.59	22.00
20	64QAM	1	49	20.51	20.47	20.46	22.00
20	64QAM	1	99	20.51	20.46	20.45	22.00
20	64QAM	50	0	19.91	19.95	20.02	21.00
20	64QAM	50	24	19.96	19.88	19.93	21.00
20	64QAM	50	50	19.93	19.93	19.94	21.00
20	64QAM	100	0	19.95	19.86	20.15	21.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)



15	QPSK	1	0	23.08	22.93	23.12	24.00
15	QPSK	1	37	22.97	22.79	22.91	24.00
15	QPSK	1	74	22.89	22.80	22.93	24.00
15	QPSK	36	0	21.75	21.80	21.90	23.00
15	QPSK	36	20	21.85	21.92	21.84	23.00
15	QPSK	36	39	21.77	21.89	21.86	23.00
15	QPSK	75	0	21.75	21.85	22.06	23.00
15	16QAM	1	0	21.76	21.82	21.88	23.00
15	16QAM	1	37	21.95	21.79	21.91	23.00
15	16QAM	1	74	21.79	21.84	21.85	23.00
15	16QAM	36	0	20.91	20.84	20.97	22.00
15	16QAM	36	20	20.88	20.92	20.89	22.00
15	16QAM	36	39	20.80	20.85	20.85	22.00
15	16QAM	75	0	20.94	20.77	21.07	22.00
15	64QAM	1	0	20.39	20.44	20.57	22.00
15	64QAM	1	37	20.37	20.43	20.36	22.00
15	64QAM	1	74	20.46	20.37	20.38	22.00
15	64QAM	36	0	19.85	19.82	19.89	21.00
15	64QAM	36	20	19.86	19.85	19.86	21.00
15	64QAM	36	39	19.89	19.91	19.91	21.00
15	64QAM	75	0	19.88	19.81	20.13	21.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.07	22.95	23.10	24.00
10	QPSK	1	25	22.99	22.82	22.89	24.00
10	QPSK	1	49	22.91	22.78	23.01	24.00
10	QPSK	25	0	21.77	21.69	21.88	23.00
10	QPSK	25	12	21.84	21.91	21.78	23.00
10	QPSK	25	25	21.82	21.80	21.79	23.00
10	QPSK	50	0	21.81	21.84	22.09	23.00
10	16QAM	1	0	21.75	21.79	21.94	23.00
10	16QAM	1	25	21.93	21.81	21.78	23.00
10	16QAM	1	49	21.77	21.79	21.80	23.00
10	16QAM	25	0	20.81	20.90	21.00	22.00
10	16QAM	25	12	20.91	20.90	20.88	22.00
10	16QAM	25	25	20.80	20.85	20.89	22.00
10	16QAM	50	0	20.86	20.84	21.11	22.00
10	64QAM	1	0	20.32	20.40	20.49	22.00
10	64QAM	1	25	20.41	20.45	20.35	22.00
10	64QAM	1	49	20.48	20.36	20.43	22.00
10	64QAM	25	0	19.82	19.91	19.99	21.00
10	64QAM	25	12	19.88	19.78	19.85	21.00
10	64QAM	25	25	19.89	19.87	19.89	21.00
10	64QAM	50	0	19.88	19.72	20.02	21.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.09	22.98	23.11	24.00
5	QPSK	1	12	23.02	22.79	22.89	24.00
5	QPSK	1	24	22.92	22.76	22.91	24.00
5	QPSK	12	0	21.81	21.75	21.98	23.00
5	QPSK	12	7	21.87	21.89	21.79	23.00
5	QPSK	12	13	21.75	21.84	21.73	23.00
5	QPSK	25	0	21.74	21.81	21.99	23.00
5	16QAM	1	0	21.75	21.77	21.88	23.00
5	16QAM	1	12	21.94	21.73	21.86	23.00
5	16QAM	1	24	21.80	21.74	21.75	23.00
5	16QAM	12	0	20.91	20.92	21.00	22.00
5	16QAM	12	7	20.90	20.85	20.76	22.00
5	16QAM	12	13	20.81	20.83	20.88	22.00
5	16QAM	25	0	20.87	20.77	21.08	22.00
5	64QAM	1	0	20.33	20.44	20.49	22.00
5	64QAM	1	12	20.46	20.40	20.43	22.00
5	64QAM	1	24	20.49	20.42	20.43	22.00
5	64QAM	12	0	19.88	19.82	19.98	21.00
5	64QAM	12	7	19.87	19.76	19.86	21.00
5	64QAM	12	13	19.90	19.78	19.83	21.00
5	64QAM	25	0	19.85	19.85	20.10	21.00



【LTE Band 38_Ant 0_DSI 4 Body-worn】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	15.15	15.62	15.15	16.00
20	QPSK	1	49	14.98	15.45	14.95	16.00
20	QPSK	1	99	14.92	15.47	14.83	16.00
20	QPSK	50	0	14.86	15.48	14.89	16.00
20	QPSK	50	24	14.89	15.47	14.92	16.00
20	QPSK	50	50	14.95	15.42	14.90	16.00
20	QPSK	100	0	15.06	15.57	14.99	16.00
20	16QAM	1	0	14.85	15.40	14.77	16.00
20	16QAM	1	49	15.02	15.37	14.94	16.00
20	16QAM	1	99	14.96	15.40	14.99	16.00
20	16QAM	50	0	14.69	15.21	14.65	16.00
20	16QAM	50	24	14.96	15.42	14.97	16.00
20	16QAM	50	50	14.98	15.47	15.01	16.00
20	16QAM	100	0	14.81	15.36	14.79	16.00
20	64QAM	1	0	14.56	15.01	14.39	16.00
20	64QAM	1	49	14.99	15.52	15.06	16.00
20	64QAM	1	99	15.01	15.53	15.00	16.00
20	64QAM	50	0	14.84	15.36	14.82	16.00
20	64QAM	50	24	15.00	15.49	14.90	16.00
20	64QAM	50	50	14.96	15.48	14.88	16.00
20	64QAM	100	0	14.65	15.12	14.62	16.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	15.13	15.50	15.14	16.00
15	QPSK	1	37	14.92	15.40	14.93	16.00
15	QPSK	1	74	14.88	15.45	14.76	16.00
15	QPSK	36	0	14.80	15.34	14.76	16.00
15	QPSK	36	20	14.81	15.41	14.87	16.00
15	QPSK	36	39	14.83	15.36	14.89	16.00
15	QPSK	75	0	14.93	15.50	14.95	16.00
15	16QAM	1	0	14.78	15.39	14.72	16.00
15	16QAM	1	37	14.96	15.27	14.80	16.00
15	16QAM	1	74	14.84	15.38	14.89	16.00
15	16QAM	36	0	14.58	15.09	14.62	16.00
15	16QAM	36	20	14.93	15.30	14.94	16.00
15	16QAM	36	39	14.89	15.45	14.93	16.00
15	16QAM	75	0	14.66	15.30	14.66	16.00
15	64QAM	1	0	14.48	14.87	14.30	16.00
15	64QAM	1	37	14.88	15.44	15.03	16.00
15	64QAM	1	74	14.92	15.51	14.93	16.00
15	64QAM	36	0	14.77	15.32	14.67	16.00
15	64QAM	36	20	14.96	15.43	14.88	16.00
15	64QAM	36	39	14.85	15.34	14.80	16.00
15	64QAM	75	0	14.50	14.98	14.57	16.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	15.11	15.56	15.09	16.00
10	QPSK	1	25	14.94	15.42	14.90	16.00
10	QPSK	1	49	14.83	15.38	14.80	16.00
10	QPSK	25	0	14.73	15.39	14.77	16.00
10	QPSK	25	12	14.82	15.39	14.84	16.00
10	QPSK	25	25	14.82	15.40	14.86	16.00
10	QPSK	50	0	14.94	15.52	14.84	16.00
10	16QAM	1	0	14.78	15.33	14.70	16.00
10	16QAM	1	25	14.98	15.29	14.87	16.00
10	16QAM	1	49	14.92	15.32	14.91	16.00
10	16QAM	25	0	14.56	15.09	14.57	16.00
10	16QAM	25	12	14.84	15.32	14.84	16.00
10	16QAM	25	25	14.96	15.40	14.99	16.00
10	16QAM	50	0	14.78	15.34	14.74	16.00
10	64QAM	1	0	14.46	14.99	14.28	16.00
10	64QAM	1	25	14.93	15.46	14.93	16.00
10	64QAM	1	49	14.90	15.46	14.96	16.00
10	64QAM	25	0	14.79	15.32	14.74	16.00
10	64QAM	25	12	14.99	15.47	14.80	16.00
10	64QAM	25	25	14.84	15.41	14.75	16.00
10	64QAM	50	0	14.58	15.00	14.47	16.00



Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	15.01	15.54	15.09	16.00
5	QPSK	1	12	14.95	15.35	14.85	16.00
5	QPSK	1	24	14.88	15.39	14.69	16.00
5	QPSK	12	0	14.84	15.38	14.86	16.00
5	QPSK	12	7	14.87	15.33	14.84	16.00
5	QPSK	12	13	14.84	15.31	14.81	16.00
5	QPSK	25	0	14.93	15.55	14.85	16.00
5	16QAM	1	0	14.73	15.32	14.66	16.00
5	16QAM	1	12	14.91	15.23	14.80	16.00
5	16QAM	1	24	14.92	15.34	14.86	16.00
5	16QAM	12	0	14.63	15.18	14.57	16.00
5	16QAM	12	7	14.86	15.30	14.82	16.00
5	16QAM	12	13	14.87	15.34	14.89	16.00
5	16QAM	25	0	14.71	15.27	14.75	16.00
5	64QAM	1	0	14.46	14.87	14.32	16.00
5	64QAM	1	12	14.92	15.38	14.94	16.00
5	64QAM	1	24	14.88	15.43	14.87	16.00
5	64QAM	12	0	14.71	15.26	14.68	16.00
5	64QAM	12	7	14.90	15.35	14.84	16.00
5	64QAM	12	13	14.90	15.44	14.86	16.00
5	64QAM	25	0	14.51	15.07	14.58	16.00

【LTE Band 38_Ant 0_DSI 4 Extremity】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	15.15	15.62	15.15	16.00
20	QPSK	1	49	14.98	15.45	14.95	16.00
20	QPSK	1	99	14.92	15.47	14.83	16.00
20	QPSK	50	0	14.86	15.48	14.89	16.00
20	QPSK	50	24	14.89	15.47	14.92	16.00
20	QPSK	50	50	14.95	15.42	14.90	16.00
20	QPSK	100	0	15.06	15.57	14.99	16.00
20	16QAM	1	0	14.85	15.40	14.77	16.00
20	16QAM	1	49	15.02	15.37	14.94	16.00
20	16QAM	1	99	14.96	15.40	14.99	16.00
20	16QAM	50	0	14.69	15.21	14.65	16.00
20	16QAM	50	24	14.96	15.42	14.97	16.00
20	16QAM	50	50	14.98	15.47	15.01	16.00
20	16QAM	100	0	14.81	15.36	14.79	16.00
20	64QAM	1	0	14.56	15.01	14.39	16.00
20	64QAM	1	49	14.99	15.52	15.06	16.00
20	64QAM	1	99	15.01	15.53	15.00	16.00
20	64QAM	50	0	14.84	15.36	14.82	16.00
20	64QAM	50	24	15.00	15.49	14.90	16.00
20	64QAM	50	50	14.96	15.48	14.88	16.00
20	64QAM	100	0	14.65	15.12	14.62	16.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	15.13	15.54	15.11	16.00
15	QPSK	1	37	14.85	15.43	14.87	16.00
15	QPSK	1	74	14.83	15.33	14.76	16.00
15	QPSK	36	0	14.78	15.33	14.86	16.00
15	QPSK	36	20	14.74	15.42	14.79	16.00
15	QPSK	36	39	14.82	15.30	14.85	16.00
15	QPSK	75	0	14.97	15.49	14.86	16.00
15	16QAM	1	0	14.73	15.27	14.63	16.00
15	16QAM	1	37	14.99	15.23	14.81	16.00
15	16QAM	1	74	14.93	15.32	14.88	16.00
15	16QAM	36	0	14.59	15.19	14.60	16.00
15	16QAM	36	20	14.92	15.40	14.85	16.00
15	16QAM	36	39	14.95	15.45	14.89	16.00
15	16QAM	75	0	14.74	15.28	14.68	16.00
15	64QAM	1	0	14.47	14.99	14.37	16.00
15	64QAM	1	37	14.97	15.45	14.93	16.00
15	64QAM	1	74	14.92	15.43	14.98	16.00
15	64QAM	36	0	14.78	15.30	14.73	16.00
15	64QAM	36	20	14.96	15.43	14.85	16.00
15	64QAM	36	39	14.88	15.40	14.83	16.00



15	64QAM	75	0	14.52	15.07	14.57	16.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	15.01	15.48	15.09	16.00
10	QPSK	1	25	14.90	15.30	14.85	16.00
10	QPSK	1	49	14.87	15.44	14.78	16.00
10	QPSK	25	0	14.77	15.36	14.77	16.00
10	QPSK	25	12	14.81	15.39	14.78	16.00
10	QPSK	25	25	14.92	15.40	14.89	16.00
10	QPSK	50	0	14.96	15.53	14.96	16.00
10	16QAM	1	0	14.80	15.37	14.75	16.00
10	16QAM	1	25	15.00	15.30	14.89	16.00
10	16QAM	1	49	14.92	15.38	14.91	16.00
10	16QAM	25	0	14.55	15.15	14.58	16.00
10	16QAM	25	12	14.94	15.41	14.86	16.00
10	16QAM	25	25	14.84	15.37	14.94	16.00
10	16QAM	50	0	14.75	15.23	14.68	16.00
10	64QAM	1	0	14.51	14.98	14.32	16.00
10	64QAM	1	25	14.93	15.51	15.01	16.00
10	64QAM	1	49	14.98	15.38	14.89	16.00
10	64QAM	25	0	14.81	15.30	14.73	16.00
10	64QAM	25	12	14.91	15.38	14.87	16.00
10	64QAM	25	25	14.92	15.33	14.78	16.00
10	64QAM	50	0	14.51	14.98	14.57	16.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	15.11	15.53	15.04	16.00
5	QPSK	1	12	14.84	15.40	14.86	16.00
5	QPSK	1	24	14.89	15.45	14.82	16.00
5	QPSK	12	0	14.73	15.37	14.76	16.00
5	QPSK	12	7	14.76	15.44	14.84	16.00
5	QPSK	12	13	14.84	15.40	14.75	16.00
5	QPSK	25	0	15.03	15.49	14.86	16.00
5	16QAM	1	0	14.84	15.31	14.67	16.00
5	16QAM	1	12	14.92	15.30	14.85	16.00
5	16QAM	1	24	14.90	15.26	14.98	16.00
5	16QAM	12	0	14.56	15.09	14.54	16.00
5	16QAM	12	7	14.82	15.35	14.92	16.00
5	16QAM	12	13	14.92	15.33	14.96	16.00
5	16QAM	25	0	14.69	15.31	14.73	16.00
5	64QAM	1	0	14.44	14.86	14.36	16.00
5	64QAM	1	12	14.92	15.48	15.01	16.00
5	64QAM	1	24	14.97	15.45	14.87	16.00
5	64QAM	12	0	14.76	15.34	14.81	16.00
5	64QAM	12	7	14.90	15.37	14.81	16.00
5	64QAM	12	13	14.88	15.40	14.80	16.00
5	64QAM	25	0	14.58	15.08	14.59	16.00

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	13.66	13.94	13.73	14.50
20	QPSK	1	49	13.51	13.75	13.56	14.50
20	QPSK	1	99	13.59	13.88	13.58	14.50
20	QPSK	50	0	13.64	13.92	13.68	14.50
20	QPSK	50	24	13.52	13.86	13.57	14.50
20	QPSK	50	50	13.45	13.84	13.51	14.50
20	QPSK	100	0	13.69	14.01	13.81	14.50
20	16QAM	1	0	13.59	13.89	13.61	14.50
20	16QAM	1	49	13.40	13.72	13.52	14.50
20	16QAM	1	99	13.66	13.90	13.57	14.50
20	16QAM	50	0	13.53	13.91	13.55	14.50
20	16QAM	50	24	13.50	13.85	13.53	14.50
20	16QAM	50	50	13.46	13.78	13.44	14.50
20	16QAM	100	0	13.67	13.95	13.64	14.50
20	64QAM	1	0	13.25	13.53	13.26	14.50
20	64QAM	1	49	13.52	13.87	13.52	14.50
20	64QAM	1	99	13.51	13.73	13.52	14.50
20	64QAM	50	0	13.63	13.86	13.55	14.50
20	64QAM	50	24	13.60	13.86	13.58	14.50



20	64QAM	50	50	13.51	13.83	13.53	14.50
20	64QAM	100	0	13.59	13.93	13.74	14.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	13.53	13.82	13.59	14.50
15	QPSK	1	37	13.39	13.60	13.53	14.50
15	QPSK	1	74	13.54	13.74	13.56	14.50
15	QPSK	36	0	13.63	13.79	13.56	14.50
15	QPSK	36	20	13.50	13.78	13.49	14.50
15	QPSK	36	39	13.41	13.72	13.37	14.50
15	QPSK	75	0	13.57	13.94	13.79	14.50
15	16QAM	1	0	13.56	13.78	13.59	14.50
15	16QAM	1	37	13.36	13.61	13.50	14.50
15	16QAM	1	74	13.62	13.82	13.54	14.50
15	16QAM	36	0	13.47	13.90	13.50	14.50
15	16QAM	36	20	13.48	13.71	13.49	14.50
15	16QAM	36	39	13.39	13.66	13.36	14.50
15	16QAM	75	0	13.54	13.91	13.63	14.50
15	64QAM	1	0	13.22	13.47	13.17	14.50
15	64QAM	1	37	13.44	13.81	13.41	14.50
15	64QAM	1	74	13.42	13.71	13.47	14.50
15	64QAM	36	0	13.58	13.83	13.47	14.50
15	64QAM	36	20	13.48	13.78	13.54	14.50
15	64QAM	36	39	13.42	13.80	13.47	14.50
15	64QAM	75	0	13.46	13.90	13.60	14.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	13.65	13.91	13.64	14.50
10	QPSK	1	25	13.45	13.62	13.55	14.50
10	QPSK	1	49	13.48	13.80	13.49	14.50
10	QPSK	25	0	13.57	13.84	13.64	14.50
10	QPSK	25	12	13.47	13.84	13.54	14.50
10	QPSK	25	25	13.41	13.74	13.37	14.50
10	QPSK	50	0	13.60	13.96	13.72	14.50
10	16QAM	1	0	13.50	13.86	13.58	14.50
10	16QAM	1	25	13.34	13.57	13.43	14.50
10	16QAM	1	49	13.62	13.84	13.45	14.50
10	16QAM	25	0	13.39	13.78	13.45	14.50
10	16QAM	25	12	13.46	13.74	13.42	14.50
10	16QAM	25	25	13.44	13.69	13.36	14.50
10	16QAM	50	0	13.57	13.86	13.49	14.50
10	64QAM	1	0	13.17	13.44	13.20	14.50
10	64QAM	1	25	13.39	13.74	13.40	14.50
10	64QAM	1	49	13.50	13.72	13.46	14.50
10	64QAM	25	0	13.54	13.84	13.40	14.50
10	64QAM	25	12	13.53	13.80	13.50	14.50
10	64QAM	25	25	13.41	13.73	13.42	14.50
10	64QAM	50	0	13.52	13.82	13.61	14.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	13.62	13.80	13.58	14.50
5	QPSK	1	12	13.46	13.72	13.45	14.50
5	QPSK	1	24	13.52	13.87	13.51	14.50
5	QPSK	12	0	13.56	13.91	13.65	14.50
5	QPSK	12	7	13.40	13.80	13.44	14.50
5	QPSK	12	13	13.32	13.79	13.42	14.50
5	QPSK	25	0	13.60	13.97	13.75	14.50
5	16QAM	1	0	13.56	13.79	13.54	14.50
5	16QAM	1	12	13.34	13.64	13.47	14.50
5	16QAM	1	24	13.63	13.84	13.53	14.50
5	16QAM	12	0	13.44	13.84	13.52	14.50
5	16QAM	12	7	13.39	13.82	13.47	14.50
5	16QAM	12	13	13.36	13.65	13.34	14.50
5	16QAM	25	0	13.63	13.84	13.55	14.50
5	64QAM	1	0	13.23	13.45	13.13	14.50
5	64QAM	1	12	13.39	13.78	13.45	14.50
5	64QAM	1	24	13.45	13.65	13.44	14.50
5	64QAM	12	0	13.51	13.84	13.48	14.50
5	64QAM	12	7	13.53	13.76	13.45	14.50
5	64QAM	12	13	13.43	13.69	13.40	14.50
5	64QAM	25	0	13.55	13.79	13.65	14.50

【LTE Band 38_Ant 1_Full Power】



BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.13	19.13	19.08	20.00
20	QPSK	1	49	19.07	19.12	19.07	20.00
20	QPSK	1	99	18.93	18.93	18.87	20.00
20	QPSK	50	0	18.95	18.99	18.94	20.00
20	QPSK	50	24	18.77	18.83	18.78	20.00
20	QPSK	50	50	18.91	18.95	18.79	20.00
20	QPSK	100	0	18.91	18.96	18.85	20.00
20	16QAM	1	0	19.02	19.02	18.90	20.00
20	16QAM	1	49	18.95	19.00	18.89	20.00
20	16QAM	1	99	18.93	19.03	18.94	20.00
20	16QAM	50	0	18.98	19.02	19.00	20.00
20	16QAM	50	24	19.11	19.11	19.01	20.00
20	16QAM	50	50	19.03	19.05	19.01	20.00
20	16QAM	100	0	19.19	19.16	19.14	20.00
20	64QAM	1	0	19.02	19.02	18.90	20.00
20	64QAM	1	49	18.95	19.00	18.89	20.00
20	64QAM	1	99	19.02	19.02	18.90	20.00
20	64QAM	50	0	18.95	19.00	18.89	20.00
20	64QAM	50	24	18.93	19.03	18.94	20.00
20	64QAM	50	50	18.98	19.02	19.00	20.00
20	64QAM	100	0	19.11	19.11	19.01	20.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.02	19.01	18.98	20.00
15	QPSK	1	37	18.95	19.03	18.93	20.00
15	QPSK	1	74	18.81	18.87	18.79	20.00
15	QPSK	36	0	18.83	18.93	18.92	20.00
15	QPSK	36	20	18.70	18.75	18.71	20.00
15	QPSK	36	39	18.90	18.82	18.68	20.00
15	QPSK	75	0	18.78	18.81	18.83	20.00
15	16QAM	1	0	18.97	18.93	18.89	20.00
15	16QAM	1	37	18.82	18.99	18.85	20.00
15	16QAM	1	74	18.91	18.93	18.89	20.00
15	16QAM	36	0	18.91	18.96	18.86	20.00
15	16QAM	36	20	19.03	18.98	18.89	20.00
15	16QAM	36	39	18.98	19.03	18.93	20.00
15	16QAM	75	0	19.11	19.10	19.09	20.00
15	64QAM	1	0	18.97	18.91	18.80	20.00
15	64QAM	1	37	18.91	18.88	18.81	20.00
15	64QAM	1	74	18.94	18.99	18.79	20.00
15	64QAM	36	0	18.84	18.92	18.77	20.00
15	64QAM	36	20	18.88	18.89	18.81	20.00
15	64QAM	36	39	18.88	18.99	18.86	20.00
15	64QAM	75	0	19.00	19.09	18.91	20.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.03	19.09	19.04	20.00
10	QPSK	1	25	19.02	19.08	19.04	20.00
10	QPSK	1	49	18.83	18.79	18.75	20.00
10	QPSK	25	0	18.84	18.95	18.80	20.00
10	QPSK	25	12	18.66	18.79	18.67	20.00
10	QPSK	25	25	18.85	18.82	18.65	20.00
10	QPSK	50	0	18.89	18.94	18.79	20.00
10	16QAM	1	0	18.90	18.91	18.86	20.00
10	16QAM	1	25	18.83	18.94	18.84	20.00
10	16QAM	1	49	18.88	18.90	18.88	20.00
10	16QAM	25	0	18.88	18.92	18.93	20.00
10	16QAM	25	12	19.05	19.07	18.88	20.00
10	16QAM	25	25	18.89	18.94	18.90	20.00
10	16QAM	50	0	19.17	19.02	19.10	20.00
10	64QAM	1	0	18.92	18.94	18.80	20.00
10	64QAM	1	25	18.83	18.95	18.77	20.00
10	64QAM	1	49	18.96	18.94	18.77	20.00
10	64QAM	25	0	18.90	18.95	18.80	20.00
10	64QAM	25	12	18.85	18.89	18.83	20.00
10	64QAM	25	25	18.92	18.89	18.92	20.00
10	64QAM	50	0	19.03	18.97	18.91	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	



5	QPSK	1	0	19.10	19.03	18.99	20.00
5	QPSK	1	12	18.98	19.08	19.05	20.00
5	QPSK	1	24	18.84	18.82	18.75	20.00
5	QPSK	12	0	18.84	18.96	18.89	20.00
5	QPSK	12	7	18.66	18.75	18.63	20.00
5	QPSK	12	13	18.89	18.88	18.74	20.00
5	QPSK	25	0	18.87	18.87	18.80	20.00
5	16QAM	1	0	18.97	18.98	18.79	20.00
5	16QAM	1	12	18.82	18.94	18.82	20.00
5	16QAM	1	24	18.84	18.90	18.91	20.00
5	16QAM	12	0	18.90	18.93	18.92	20.00
5	16QAM	12	7	19.04	19.02	18.95	20.00
5	16QAM	12	13	18.97	19.02	18.91	20.00
5	16QAM	25	0	19.09	19.01	19.04	20.00
5	64QAM	1	0	18.96	18.87	18.85	20.00
5	64QAM	1	12	18.89	18.98	18.84	20.00
5	64QAM	1	24	18.87	18.99	18.81	20.00
5	64QAM	12	0	18.91	18.87	18.81	20.00
5	64QAM	12	7	18.86	18.94	18.92	20.00
5	64QAM	12	13	18.96	18.93	18.98	20.00
5	64QAM	25	0	19.06	19.07	18.90	20.00

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.13	19.13	19.08	20.00
20	QPSK	1	49	19.07	19.12	19.07	20.00
20	QPSK	1	99	18.93	18.93	18.87	20.00
20	QPSK	50	0	18.95	18.99	18.94	20.00
20	QPSK	50	24	18.77	18.83	18.78	20.00
20	QPSK	50	50	18.91	18.95	18.79	20.00
20	QPSK	100	0	18.91	18.96	18.85	20.00
20	16QAM	1	0	19.02	19.02	18.90	20.00
20	16QAM	1	49	18.95	19.00	18.89	20.00
20	16QAM	1	99	18.93	19.03	18.94	20.00
20	16QAM	50	0	18.98	19.02	19.00	20.00
20	16QAM	50	24	19.11	19.11	19.01	20.00
20	16QAM	50	50	19.03	19.05	19.01	20.00
20	16QAM	100	0	19.19	19.16	19.14	20.00
20	64QAM	1	0	19.02	19.02	18.90	20.00
20	64QAM	1	49	18.95	19.00	18.89	20.00
20	64QAM	1	99	19.02	19.02	18.90	20.00
20	64QAM	50	0	18.95	19.00	18.89	20.00
20	64QAM	50	24	18.93	19.03	18.94	20.00
20	64QAM	50	50	18.98	19.02	19.00	20.00
20	64QAM	100	0	19.11	19.11	19.01	20.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.10	19.06	19.03	20.00
15	QPSK	1	37	19.05	19.09	19.00	20.00
15	QPSK	1	74	18.89	18.90	18.75	20.00
15	QPSK	36	0	18.83	18.84	18.84	20.00
15	QPSK	36	20	18.73	18.69	18.69	20.00
15	QPSK	36	39	18.82	18.89	18.72	20.00
15	QPSK	75	0	18.87	18.92	18.71	20.00
15	16QAM	1	0	18.89	18.99	18.79	20.00
15	16QAM	1	37	18.93	18.96	18.76	20.00
15	16QAM	1	74	18.83	18.89	18.87	20.00
15	16QAM	36	0	18.92	18.88	18.92	20.00
15	16QAM	36	20	18.98	19.00	18.92	20.00
15	16QAM	36	39	19.02	18.99	19.00	20.00
15	16QAM	75	0	19.06	19.13	19.10	20.00
15	64QAM	1	0	19.00	18.98	18.81	20.00
15	64QAM	1	37	18.81	18.92	18.82	20.00
15	64QAM	1	74	18.99	18.89	18.81	20.00
15	64QAM	36	0	18.82	18.91	18.84	20.00
15	64QAM	36	20	18.85	18.98	18.83	20.00
15	64QAM	36	39	18.88	18.88	18.91	20.00
15	64QAM	75	0	19.09	18.96	18.96	20.00
Channel				37800	38000	38200	Tune-up limit



Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	19.08	19.11	18.94	20.00
10	QPSK	1	25	19.06	18.98	18.94	20.00
10	QPSK	1	49	18.82	18.79	18.74	20.00
10	QPSK	25	0	18.82	18.89	18.81	20.00
10	QPSK	25	12	18.72	18.82	18.65	20.00
10	QPSK	25	25	18.86	18.81	18.78	20.00
10	QPSK	50	0	18.79	18.90	18.74	20.00
10	16QAM	1	0	18.95	18.97	18.82	20.00
10	16QAM	1	25	18.82	18.95	18.88	20.00
10	16QAM	1	49	18.91	18.93	18.93	20.00
10	16QAM	25	0	18.91	18.92	18.85	20.00
10	16QAM	25	12	19.02	19.06	18.86	20.00
10	16QAM	25	25	18.95	18.91	19.00	20.00
10	16QAM	50	0	19.05	19.07	19.00	20.00
10	64QAM	1	0	18.93	18.93	18.86	20.00
10	64QAM	1	25	18.86	18.89	18.77	20.00
10	64QAM	1	49	18.93	18.89	18.78	20.00
10	64QAM	25	0	18.89	18.95	18.77	20.00
10	64QAM	25	12	18.86	18.95	18.88	20.00
10	64QAM	25	25	18.89	18.90	18.89	20.00
10	64QAM	50	0	19.04	19.06	18.94	20.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.99	19.06	18.94	20.00
5	QPSK	1	12	19.02	19.04	19.03	20.00
5	QPSK	1	24	18.82	18.84	18.81	20.00
5	QPSK	12	0	18.88	18.90	18.81	20.00
5	QPSK	12	7	18.69	18.78	18.64	20.00
5	QPSK	12	13	18.77	18.90	18.68	20.00
5	QPSK	25	0	18.82	18.87	18.82	20.00
5	16QAM	1	0	18.93	18.99	18.82	20.00
5	16QAM	1	12	18.91	18.97	18.87	20.00
5	16QAM	1	24	18.90	19.01	18.87	20.00
5	16QAM	12	0	18.95	18.99	18.85	20.00
5	16QAM	12	7	19.04	18.97	18.88	20.00
5	16QAM	12	13	18.99	18.91	18.91	20.00
5	16QAM	25	0	19.12	19.12	19.11	20.00
5	64QAM	1	0	18.93	19.00	18.80	20.00
5	64QAM	1	12	18.80	18.86	18.86	20.00
5	64QAM	1	24	18.88	18.89	18.81	20.00
5	64QAM	12	0	18.86	18.86	18.76	20.00
5	64QAM	12	7	18.81	19.01	18.91	20.00
5	64QAM	12	13	18.90	18.88	18.92	20.00
5	64QAM	25	0	18.99	19.01	18.87	20.00

【LTE Band 38_Ant 1_DSI 4 Body-worn】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.61	18.80	18.60	19.50
20	QPSK	1	49	18.08	18.41	18.08	19.50
20	QPSK	1	99	18.09	18.38	18.05	19.50
20	QPSK	50	0	18.41	18.62	18.37	19.50
20	QPSK	50	24	18.38	18.59	18.30	19.50
20	QPSK	50	50	18.19	18.51	18.23	19.50
20	QPSK	100	0	18.28	18.57	18.28	19.50
20	16QAM	1	0	18.31	18.63	18.35	19.50
20	16QAM	1	49	18.28	18.52	18.29	19.50
20	16QAM	1	99	18.26	18.52	18.24	19.50
20	16QAM	50	0	18.41	18.66	18.42	19.50
20	16QAM	50	24	18.38	18.63	18.31	19.50
20	16QAM	50	50	18.31	18.56	18.24	19.50
20	16QAM	100	0	18.42	18.64	18.34	19.50
20	64QAM	1	0	18.06	18.36	18.07	19.50
20	64QAM	1	49	18.25	18.51	18.17	19.50
20	64QAM	1	99	17.84	18.15	17.82	19.50
20	64QAM	50	0	18.40	18.64	18.31	19.50
20	64QAM	50	24	18.29	18.53	18.28	19.50
20	64QAM	50	50	18.30	18.59	18.29	19.50
20	64QAM	100	0	18.17	18.41	18.12	19.50



Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	18.58	18.78	18.55	19.50
15	QPSK	1	37	18.02	18.37	17.95	19.50
15	QPSK	1	74	17.98	18.27	18.02	19.50
15	QPSK	36	0	18.27	18.60	18.23	19.50
15	QPSK	36	20	18.27	18.47	18.20	19.50
15	QPSK	36	39	18.07	18.42	18.11	19.50
15	QPSK	75	0	18.16	18.42	18.14	19.50
15	16QAM	1	0	18.30	18.58	18.21	19.50
15	16QAM	1	37	18.19	18.42	18.17	19.50
15	16QAM	1	74	18.19	18.49	18.10	19.50
15	16QAM	36	0	18.36	18.54	18.36	19.50
15	16QAM	36	20	18.25	18.57	18.22	19.50
15	16QAM	36	39	18.17	18.44	18.16	19.50
15	16QAM	75	0	18.36	18.61	18.24	19.50
15	64QAM	1	0	17.98	18.24	18.01	19.50
15	64QAM	1	37	18.13	18.43	18.09	19.50
15	64QAM	1	74	17.77	18.10	17.78	19.50
15	64QAM	36	0	18.29	18.59	18.25	19.50
15	64QAM	36	20	18.25	18.42	18.15	19.50
15	64QAM	36	39	18.27	18.53	18.16	19.50
15	64QAM	75	0	18.12	18.30	18.04	19.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	18.56	18.74	18.52	19.50
10	QPSK	1	25	17.93	18.29	17.95	19.50
10	QPSK	1	49	18.04	18.35	18.03	19.50
10	QPSK	25	0	18.30	18.51	18.32	19.50
10	QPSK	25	12	18.25	18.51	18.26	19.50
10	QPSK	25	25	18.06	18.48	18.12	19.50
10	QPSK	50	0	18.18	18.52	18.16	19.50
10	16QAM	1	0	18.23	18.59	18.26	19.50
10	16QAM	1	25	18.19	18.37	18.25	19.50
10	16QAM	1	49	18.11	18.47	18.22	19.50
10	16QAM	25	0	18.30	18.64	18.30	19.50
10	16QAM	25	12	18.34	18.55	18.24	19.50
10	16QAM	25	25	18.19	18.46	18.16	19.50
10	16QAM	50	0	18.38	18.50	18.28	19.50
10	64QAM	1	0	17.91	18.27	17.99	19.50
10	64QAM	1	25	18.14	18.46	18.09	19.50
10	64QAM	1	49	17.79	18.13	17.68	19.50
10	64QAM	25	0	18.30	18.63	18.25	19.50
10	64QAM	25	12	18.18	18.45	18.21	19.50
10	64QAM	25	25	18.17	18.51	18.27	19.50
10	64QAM	50	0	18.10	18.38	18.02	19.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.47	18.76	18.50	19.50
5	QPSK	1	12	17.93	18.33	18.02	19.50
5	QPSK	1	24	17.97	18.27	18.02	19.50
5	QPSK	12	0	18.27	18.54	18.32	19.50
5	QPSK	12	7	18.36	18.55	18.21	19.50
5	QPSK	12	13	18.18	18.48	18.16	19.50
5	QPSK	25	0	18.26	18.52	18.26	19.50
5	16QAM	1	0	18.26	18.60	18.23	19.50
5	16QAM	1	12	18.17	18.39	18.22	19.50
5	16QAM	1	24	18.15	18.45	18.14	19.50
5	16QAM	12	0	18.32	18.56	18.30	19.50
5	16QAM	12	7	18.25	18.61	18.26	19.50
5	16QAM	12	13	18.28	18.53	18.14	19.50
5	16QAM	25	0	18.40	18.61	18.32	19.50
5	64QAM	1	0	17.94	18.21	17.99	19.50
5	64QAM	1	12	18.19	18.36	18.04	19.50
5	64QAM	1	24	17.71	18.06	17.80	19.50
5	64QAM	12	0	18.30	18.51	18.30	19.50
5	64QAM	12	7	18.15	18.51	18.20	19.50
5	64QAM	12	13	18.18	18.56	18.24	19.50
5	64QAM	25	0	18.16	18.40	18.01	19.50

【LTE Band 38_Ant 1_DSI 4 Extremity】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				37850	38000	38150	
				2580	2595	2610	
20	QPSK	1	0	18.61	18.80	18.60	19.50
20	QPSK	1	49	18.08	18.41	18.08	19.50
20	QPSK	1	99	18.09	18.38	18.05	19.50
20	QPSK	50	0	18.41	18.62	18.37	19.50
20	QPSK	50	24	18.38	18.59	18.30	19.50
20	QPSK	50	50	18.19	18.51	18.23	19.50
20	QPSK	100	0	18.28	18.57	18.28	19.50
20	16QAM	1	0	18.31	18.63	18.35	19.50
20	16QAM	1	49	18.28	18.52	18.29	19.50
20	16QAM	1	99	18.26	18.52	18.24	19.50
20	16QAM	50	0	18.41	18.66	18.42	19.50
20	16QAM	50	24	18.38	18.63	18.31	19.50
20	16QAM	50	50	18.31	18.56	18.24	19.50
20	16QAM	100	0	18.42	18.64	18.34	19.50
20	64QAM	1	0	18.06	18.36	18.07	19.50
20	64QAM	1	49	18.25	18.51	18.17	19.50
20	64QAM	1	99	17.84	18.15	17.82	19.50
20	64QAM	50	0	18.40	18.64	18.31	19.50
20	64QAM	50	24	18.29	18.53	18.28	19.50
20	64QAM	50	50	18.30	18.59	18.29	19.50
20	64QAM	100	0	18.17	18.41	18.12	19.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.57	18.78	18.46	19.50
15	QPSK	1	37	17.99	18.40	17.94	19.50
15	QPSK	1	74	18.01	18.36	17.93	19.50
15	QPSK	36	0	18.38	18.48	18.32	19.50
15	QPSK	36	20	18.31	18.57	18.26	19.50
15	QPSK	36	39	18.15	18.49	18.20	19.50
15	QPSK	75	0	18.16	18.53	18.22	19.50
15	16QAM	1	0	18.21	18.59	18.29	19.50
15	16QAM	1	37	18.21	18.45	18.26	19.50
15	16QAM	1	74	18.22	18.46	18.21	19.50
15	16QAM	36	0	18.31	18.53	18.28	19.50
15	16QAM	36	20	18.24	18.56	18.28	19.50
15	16QAM	36	39	18.18	18.42	18.17	19.50
15	16QAM	75	0	18.38	18.57	18.27	19.50
15	64QAM	1	0	18.05	18.21	17.93	19.50
15	64QAM	1	37	18.20	18.37	18.15	19.50
15	64QAM	1	74	17.75	18.05	17.69	19.50
15	64QAM	36	0	18.28	18.58	18.29	19.50
15	64QAM	36	20	18.27	18.45	18.24	19.50
15	64QAM	36	39	18.18	18.53	18.18	19.50
15	64QAM	75	0	18.03	18.29	18.03	19.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.60	18.75	18.53	19.50
10	QPSK	1	25	18.04	18.35	17.97	19.50
10	QPSK	1	49	18.00	18.31	17.93	19.50
10	QPSK	25	0	18.38	18.61	18.35	19.50
10	QPSK	25	12	18.24	18.56	18.17	19.50
10	QPSK	25	25	18.08	18.49	18.14	19.50
10	QPSK	50	0	18.18	18.52	18.21	19.50
10	16QAM	1	0	18.27	18.62	18.21	19.50
10	16QAM	1	25	18.21	18.49	18.28	19.50
10	16QAM	1	49	18.18	18.41	18.23	19.50
10	16QAM	25	0	18.38	18.59	18.36	19.50
10	16QAM	25	12	18.36	18.57	18.22	19.50
10	16QAM	25	25	18.18	18.46	18.14	19.50
10	16QAM	50	0	18.28	18.53	18.25	19.50
10	64QAM	1	0	17.99	18.21	18.02	19.50
10	64QAM	1	25	18.16	18.39	18.05	19.50
10	64QAM	1	49	17.79	18.13	17.67	19.50
10	64QAM	25	0	18.34	18.51	18.19	19.50
10	64QAM	25	12	18.25	18.51	18.15	19.50
10	64QAM	25	25	18.21	18.49	18.25	19.50
10	64QAM	50	0	18.10	18.37	18.05	19.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.56	18.76	18.59	19.50
5	QPSK	1	12	18.07	18.32	18.04	19.50



5	QPSK	1	24	18.00	18.31	17.93	19.50
5	QPSK	12	0	18.30	18.56	18.23	19.50
5	QPSK	12	7	18.28	18.49	18.28	19.50
5	QPSK	12	13	18.16	18.48	18.08	19.50
5	QPSK	25	0	18.25	18.53	18.24	19.50
5	16QAM	1	0	18.19	18.58	18.21	19.50
5	16QAM	1	12	18.26	18.47	18.21	19.50
5	16QAM	1	24	18.14	18.43	18.17	19.50
5	16QAM	12	0	18.37	18.55	18.27	19.50
5	16QAM	12	7	18.27	18.61	18.27	19.50
5	16QAM	12	13	18.25	18.43	18.14	19.50
5	16QAM	25	0	18.27	18.59	18.29	19.50
5	64QAM	1	0	18.04	18.25	18.01	19.50
5	64QAM	1	12	18.19	18.42	18.11	19.50
5	64QAM	1	24	17.72	18.05	17.78	19.50
5	64QAM	12	0	18.37	18.61	18.29	19.50
5	64QAM	12	7	18.22	18.45	18.14	19.50
5	64QAM	12	13	18.19	18.50	18.18	19.50
5	64QAM	25	0	18.07	18.28	18.06	19.50

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	14.99	15.10	15.01	16.00
20	QPSK	1	49	14.89	15.01	14.90	16.00
20	QPSK	1	99	14.91	15.08	15.03	16.00
20	QPSK	50	0	14.92	15.08	14.91	16.00
20	QPSK	50	24	14.84	15.01	14.93	16.00
20	QPSK	50	50	14.88	15.06	14.89	16.00
20	QPSK	100	0	14.97	15.12	15.03	16.00
20	16QAM	1	0	15.01	15.12	15.00	16.00
20	16QAM	1	49	15.25	15.41	15.36	16.00
20	16QAM	1	99	14.99	15.06	14.99	16.00
20	16QAM	50	0	15.09	15.14	15.05	16.00
20	16QAM	50	24	15.00	15.12	15.08	16.00
20	16QAM	50	50	14.97	15.08	14.99	16.00
20	16QAM	100	0	15.11	15.20	15.03	16.00
20	64QAM	1	0	14.64	14.69	14.53	16.00
20	64QAM	1	49	14.89	14.95	14.84	16.00
20	64QAM	1	99	14.44	14.57	14.48	16.00
20	64QAM	50	0	15.05	15.11	14.95	16.00
20	64QAM	50	24	14.99	15.08	15.05	16.00
20	64QAM	50	50	14.84	15.01	14.94	16.00
20	64QAM	100	0	15.09	15.20	15.06	16.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	14.87	14.98	14.97	16.00
15	QPSK	1	37	14.81	14.98	14.77	16.00
15	QPSK	1	74	14.80	14.94	15.01	16.00
15	QPSK	36	0	14.89	14.92	14.87	16.00
15	QPSK	36	20	14.76	14.96	14.91	16.00
15	QPSK	36	39	14.86	15.02	14.80	16.00
15	QPSK	75	0	14.87	15.04	14.96	16.00
15	16QAM	1	0	14.89	15.08	14.98	16.00
15	16QAM	1	37	15.15	15.35	15.22	16.00
15	16QAM	1	74	14.87	14.94	14.85	16.00
15	16QAM	36	0	15.01	15.02	14.95	16.00
15	16QAM	36	20	14.93	15.08	14.94	16.00
15	16QAM	36	39	14.86	14.94	14.84	16.00
15	16QAM	75	0	15.09	15.08	14.93	16.00
15	64QAM	1	0	14.57	14.64	14.44	16.00
15	64QAM	1	37	14.79	14.93	14.78	16.00
15	64QAM	1	74	14.34	14.55	14.45	16.00
15	64QAM	36	0	14.98	14.97	14.94	16.00
15	64QAM	36	20	14.87	15.04	14.97	16.00
15	64QAM	36	39	14.72	14.91	14.81	16.00
15	64QAM	75	0	14.97	15.17	14.92	16.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	14.91	14.98	14.97	16.00



10	QPSK	1	25	14.77	14.87	14.87	16.00
10	QPSK	1	49	14.77	15.07	14.93	16.00
10	QPSK	25	0	14.90	14.91	14.77	16.00
10	QPSK	25	12	14.76	14.92	14.81	16.00
10	QPSK	25	25	14.82	14.94	14.81	16.00
10	QPSK	50	0	14.88	15.01	14.96	16.00
10	16QAM	1	0	14.90	15.07	14.99	16.00
10	16QAM	1	25	15.18	15.38	15.30	16.00
10	16QAM	1	49	14.89	14.97	14.95	16.00
10	16QAM	25	0	15.04	15.08	15.01	16.00
10	16QAM	25	12	14.90	14.99	14.94	16.00
10	16QAM	25	25	14.88	15.05	14.87	16.00
10	16QAM	50	0	15.02	15.10	15.00	16.00
10	64QAM	1	0	14.62	14.60	14.41	16.00
10	64QAM	1	25	14.88	14.84	14.72	16.00
10	64QAM	1	49	14.34	14.51	14.40	16.00
10	64QAM	25	0	14.95	14.98	14.94	16.00
10	64QAM	25	12	14.85	15.01	15.04	16.00
10	64QAM	25	25	14.71	14.93	14.91	16.00
10	64QAM	50	0	15.00	15.05	14.99	16.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	14.91	14.93	14.88	16.00
5	QPSK	1	12	14.87	14.89	14.83	16.00
5	QPSK	1	24	14.79	14.93	14.95	16.00
5	QPSK	12	0	14.83	14.90	14.88	16.00
5	QPSK	12	7	14.82	14.98	14.83	16.00
5	QPSK	12	13	14.77	14.99	14.78	16.00
5	QPSK	25	0	14.82	15.09	15.02	16.00
5	16QAM	1	0	14.90	14.98	14.95	16.00
5	16QAM	1	12	15.17	15.36	15.35	16.00
5	16QAM	1	24	14.90	15.00	14.94	16.00
5	16QAM	12	0	14.96	15.02	15.04	16.00
5	16QAM	12	7	14.93	15.02	15.05	16.00
5	16QAM	12	13	14.91	14.93	14.93	16.00
5	16QAM	25	0	15.05	15.12	15.00	16.00
5	64QAM	1	0	14.58	14.55	14.47	16.00
5	64QAM	1	12	14.75	14.85	14.71	16.00
5	64QAM	1	24	14.31	14.53	14.42	16.00
5	64QAM	12	0	14.94	15.07	14.84	16.00
5	64QAM	12	7	14.96	14.95	14.94	16.00
5	64QAM	12	13	14.75	14.90	14.86	16.00
5	64QAM	25	0	15.07	15.12	15.02	16.00

【LTE Band 41_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.12	23.09	23.38	23.04	23.17	24.00
20	QPSK	1	49	23.07	23.02	23.28	22.98	23.03	24.00
20	QPSK	1	99	23.02	22.95	23.27	22.97	23.09	24.00
20	QPSK	50	0	21.90	21.87	22.02	21.87	21.92	23.00
20	QPSK	50	24	21.82	21.89	21.94	21.89	21.85	23.00
20	QPSK	50	50	21.74	21.79	21.89	21.81	21.77	23.00
20	QPSK	100	0	22.04	22.00	22.08	22.01	21.93	23.00
20	16QAM	1	0	21.90	21.91	22.05	21.91	21.99	23.00
20	16QAM	1	49	21.84	21.81	21.90	21.82	21.83	23.00
20	16QAM	1	99	21.80	21.75	21.91	21.75	21.80	23.00
20	16QAM	50	0	21.00	21.00	21.10	21.01	21.00	22.00
20	16QAM	50	24	20.91	20.81	20.96	20.92	20.84	22.00
20	16QAM	50	50	20.96	20.95	21.05	21.00	20.90	22.00
20	16QAM	100	0	20.92	20.97	21.04	20.98	20.96	22.00
20	64QAM	1	0	20.59	20.56	20.64	20.49	20.60	22.00
20	64QAM	1	49	20.43	20.49	20.58	20.52	20.49	22.00
20	64QAM	1	99	20.43	20.43	20.52	20.44	20.45	22.00
20	64QAM	50	0	19.96	19.87	20.03	19.96	19.99	21.00
20	64QAM	50	24	19.89	19.82	19.93	19.80	19.78	21.00
20	64QAM	50	50	19.83	19.85	19.91	19.84	19.77	21.00
20	64QAM	100	0	19.97	19.96	20.10	20.00	19.99	21.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	



									(dBm)
15	QPSK	1	0	23.02	23.07	23.37	23.00	23.16	24.00
15	QPSK	1	37	22.97	22.93	23.15	22.87	23.02	24.00
15	QPSK	1	74	22.97	22.86	23.25	22.92	22.97	24.00
15	QPSK	36	0	21.77	21.76	21.87	21.76	21.80	23.00
15	QPSK	36	20	21.77	21.81	21.92	21.85	21.78	23.00
15	QPSK	36	39	21.61	21.66	21.87	21.68	21.64	23.00
15	QPSK	75	0	22.01	21.87	22.04	21.87	21.80	23.00
15	16QAM	1	0	21.88	21.82	21.98	21.81	21.85	23.00
15	16QAM	1	37	21.74	21.72	21.78	21.76	21.71	23.00
15	16QAM	1	74	21.72	21.67	21.84	21.63	21.76	23.00
15	16QAM	36	0	20.85	20.95	21.02	20.98	20.95	22.00
15	16QAM	36	20	20.79	20.68	20.87	20.77	20.78	22.00
15	16QAM	36	39	20.93	20.81	20.91	20.98	20.85	22.00
15	16QAM	75	0	20.78	20.83	21.00	20.89	20.87	22.00
15	64QAM	1	0	20.57	20.44	20.50	20.36	20.53	22.00
15	64QAM	1	37	20.35	20.37	20.52	20.41	20.36	22.00
15	64QAM	1	74	20.30	20.39	20.46	20.39	20.34	22.00
15	64QAM	36	0	19.84	19.72	20.00	19.81	19.98	21.00
15	64QAM	36	20	19.86	19.76	19.86	19.74	19.70	21.00
15	64QAM	36	39	19.70	19.77	19.80	19.73	19.69	21.00
15	64QAM	75	0	19.86	19.92	20.02	19.95	19.95	21.00
Channel				39700	40150	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.98	23.00	23.33	22.97	23.03	24.00
10	QPSK	1	25	22.95	22.95	23.13	22.91	22.92	24.00
10	QPSK	1	49	22.93	22.85	23.19	22.90	23.01	24.00
10	QPSK	25	0	21.77	21.73	21.99	21.83	21.84	23.00
10	QPSK	25	12	21.77	21.77	21.91	21.77	21.73	23.00
10	QPSK	25	25	21.66	21.76	21.80	21.78	21.63	23.00
10	QPSK	50	0	21.93	21.87	21.95	21.94	21.90	23.00
10	16QAM	1	0	21.81	21.81	21.96	21.82	21.86	23.00
10	16QAM	1	25	21.81	21.72	21.78	21.72	21.70	23.00
10	16QAM	1	49	21.66	21.74	21.81	21.74	21.76	23.00
10	16QAM	25	0	20.94	20.97	21.03	20.94	20.88	22.00
10	16QAM	25	12	20.78	20.72	20.82	20.80	20.80	22.00
10	16QAM	25	25	20.83	20.93	20.92	20.98	20.87	22.00
10	16QAM	50	0	20.82	20.87	21.00	20.95	20.94	22.00
10	64QAM	1	0	20.47	20.49	20.53	20.41	20.55	22.00
10	64QAM	1	25	20.35	20.37	20.53	20.45	20.47	22.00
10	64QAM	1	49	20.41	20.33	20.44	20.31	20.37	22.00
10	64QAM	25	0	19.91	19.78	19.90	19.82	19.93	21.00
10	64QAM	25	12	19.76	19.74	19.90	19.77	19.72	21.00
10	64QAM	25	25	19.75	19.78	19.80	19.77	19.65	21.00
10	64QAM	50	0	19.95	19.83	19.98	19.88	19.89	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.01	23.00	23.24	22.92	23.05	24.00
5	QPSK	1	12	22.98	22.97	23.19	22.84	22.94	24.00
5	QPSK	1	24	22.94	22.83	23.16	22.95	23.01	24.00
5	QPSK	12	0	21.85	21.84	21.89	21.75	21.84	23.00
5	QPSK	12	7	21.68	21.83	21.80	21.75	21.73	23.00
5	QPSK	12	13	21.63	21.65	21.78	21.67	21.75	23.00
5	QPSK	25	0	21.89	21.94	21.98	21.96	21.85	23.00
5	16QAM	1	0	21.81	21.79	22.03	21.82	21.89	23.00
5	16QAM	1	12	21.72	21.79	21.88	21.80	21.79	23.00
5	16QAM	1	24	21.72	21.64	21.82	21.70	21.79	23.00
5	16QAM	12	0	20.92	20.98	20.97	20.95	20.88	22.00
5	16QAM	12	7	20.76	20.75	20.92	20.79	20.73	22.00
5	16QAM	12	13	20.82	20.82	20.97	20.87	20.78	22.00
5	16QAM	25	0	20.86	20.84	20.91	20.86	20.84	22.00
5	64QAM	1	0	20.51	20.55	20.62	20.35	20.54	22.00
5	64QAM	1	12	20.42	20.35	20.48	20.51	20.39	22.00
5	64QAM	1	24	20.31	20.40	20.38	20.32	20.39	22.00
5	64QAM	12	0	19.83	19.74	19.99	19.85	19.95	21.00
5	64QAM	12	7	19.81	19.76	19.84	19.68	19.67	21.00
5	64QAM	12	13	19.73	19.80	19.82	19.82	19.71	21.00
5	64QAM	25	0	19.88	19.90	20.09	19.89	19.97	21.00



【LTE Band 41_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	24.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.12	23.09	23.38	23.04	23.17	24.00
20	QPSK	1	49	23.07	23.02	23.28	22.98	23.03	24.00
20	QPSK	1	99	23.02	22.95	23.27	22.97	23.09	24.00
20	QPSK	50	0	21.90	21.87	22.02	21.87	21.92	23.00
20	QPSK	50	24	21.82	21.89	21.94	21.89	21.85	23.00
20	QPSK	50	50	21.74	21.79	21.89	21.81	21.77	23.00
20	QPSK	100	0	22.04	22.00	22.08	22.01	21.93	23.00
20	16QAM	1	0	21.90	21.91	22.05	21.91	21.99	23.00
20	16QAM	1	49	21.84	21.81	21.90	21.82	21.83	23.00
20	16QAM	1	99	21.80	21.75	21.91	21.75	21.80	23.00
20	16QAM	50	0	21.00	21.00	21.10	21.01	21.00	22.00
20	16QAM	50	24	20.91	20.81	20.96	20.92	20.84	22.00
20	16QAM	50	50	20.96	20.95	21.05	21.00	20.90	22.00
20	16QAM	100	0	20.92	20.97	21.04	20.98	20.96	22.00
20	64QAM	1	0	20.59	20.56	20.64	20.49	20.60	22.00
20	64QAM	1	49	20.43	20.49	20.58	20.52	20.49	22.00
20	64QAM	1	99	20.43	20.43	20.52	20.44	20.45	22.00
20	64QAM	50	0	19.96	19.87	20.03	19.96	19.99	21.00
20	64QAM	50	24	19.89	19.82	19.93	19.80	19.78	21.00
20	64QAM	50	50	19.83	19.85	19.91	19.84	19.77	21.00
20	64QAM	100	0	19.97	19.96	20.10	20.00	19.99	21.00
Channel				39725	40173	40620	41068	41515	24.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.00	23.02	23.33	23.01	23.09	24.00
15	QPSK	1	37	23.06	23.01	23.27	23.01	23.00	24.00
15	QPSK	1	74	23.00	23.01	23.20	23.01	23.06	24.00
15	QPSK	36	0	22.00	22.00	22.00	22.01	22.01	23.00
15	QPSK	36	20	22.00	22.02	22.02	22.01	22.00	23.00
15	QPSK	36	39	22.01	22.00	22.00	22.02	22.02	23.00
15	QPSK	75	0	22.00	22.00	22.00	22.01	22.01	23.00
15	16QAM	1	0	22.00	22.01	22.03	22.00	22.01	23.00
15	16QAM	1	37	22.00	22.00	22.00	22.01	22.00	23.00
15	16QAM	1	74	22.00	22.00	22.01	22.00	22.00	23.00
15	16QAM	36	0	21.02	21.00	21.08	21.01	21.00	22.00
15	16QAM	36	20	21.00	21.00	21.00	21.00	21.02	22.00
15	16QAM	36	39	21.01	21.00	21.00	21.00	21.02	22.00
15	16QAM	75	0	21.01	21.01	21.00	21.00	21.00	22.00
15	64QAM	1	0	21.00	21.02	21.00	21.00	21.01	22.00
15	64QAM	1	37	21.00	21.01	21.00	21.00	21.00	22.00
15	64QAM	1	74	21.00	21.00	21.00	21.02	21.01	22.00
15	64QAM	36	0	20.01	20.00	20.01	20.02	20.00	21.00
15	64QAM	36	20	20.01	20.01	20.00	20.01	20.00	21.00
15	64QAM	36	39	20.00	20.00	20.00	20.00	20.00	21.00
15	64QAM	75	0	20.00	20.01	20.03	20.01	20.00	21.00
Channel				39700	40150	40620	41080	41540	24.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.11	23.00	23.31	23.01	23.15	24.00
10	QPSK	1	25	23.01	23.01	23.21	23.00	23.01	24.00
10	QPSK	1	49	23.02	23.00	23.19	23.00	23.00	24.00
10	QPSK	25	0	22.00	22.01	22.02	22.00	22.00	23.00
10	QPSK	25	12	22.01	22.01	22.01	22.00	22.00	23.00
10	QPSK	25	25	22.00	22.00	22.02	22.00	22.00	23.00
10	QPSK	50	0	22.01	22.00	22.06	22.01	22.00	23.00
10	16QAM	1	0	22.00	22.01	22.01	22.00	22.02	23.00
10	16QAM	1	25	22.02	22.00	22.00	22.00	22.00	23.00
10	16QAM	1	49	22.01	22.01	22.01	22.00	22.00	23.00
10	16QAM	25	0	21.01	21.01	21.04	21.01	21.00	22.00
10	16QAM	25	12	21.00	21.00	21.01	21.01	21.01	22.00
10	16QAM	25	25	21.01	21.01	21.02	21.00	21.00	22.00
10	16QAM	50	0	21.01	21.00	21.00	21.00	21.01	22.00
10	64QAM	1	0	21.01	21.00	21.00	21.02	21.01	22.00
10	64QAM	1	25	21.00	21.00	21.00	21.00	21.00	22.00
10	64QAM	1	49	21.01	21.00	21.01	21.00	21.00	22.00
10	64QAM	25	0	20.01	20.00	20.01	20.00	20.00	21.00
10	64QAM	25	12	20.00	20.01	20.01	20.01	20.00	21.00



10	64QAM	25	25	20.00	20.00	20.00	20.00	20.01	21.00
10	64QAM	50	0	20.01	20.02	20.02	20.00	20.01	21.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.01	23.00	23.24	23.00	23.11	24.00
5	QPSK	1	12	23.01	23.01	23.19	23.00	23.00	24.00
5	QPSK	1	24	23.00	23.01	23.19	23.00	23.06	24.00
5	QPSK	12	0	22.00	22.01	22.00	22.01	22.00	23.00
5	QPSK	12	7	22.01	22.00	22.02	22.00	22.01	23.00
5	QPSK	12	13	22.00	22.00	22.01	22.01	22.01	23.00
5	QPSK	25	0	22.01	22.00	22.01	22.01	22.00	23.00
5	16QAM	1	0	22.01	22.00	22.01	22.01	22.01	23.00
5	16QAM	1	12	22.00	22.00	22.00	22.02	22.02	23.00
5	16QAM	1	24	22.01	22.00	22.01	22.01	22.00	23.00
5	16QAM	12	0	21.01	21.00	21.08	21.00	21.00	22.00
5	16QAM	12	7	21.00	21.02	21.01	21.02	21.01	22.00
5	16QAM	12	13	21.00	21.00	21.01	21.00	21.02	22.00
5	16QAM	25	0	21.02	21.01	21.02	21.02	21.00	22.00
5	64QAM	1	0	21.00	21.01	21.01	21.00	21.01	22.00
5	64QAM	1	12	21.01	21.00	21.00	21.02	21.00	22.00
5	64QAM	1	24	21.00	21.00	21.01	21.00	21.01	22.00
5	64QAM	12	0	20.00	20.00	20.01	20.00	20.01	21.00
5	64QAM	12	7	20.00	20.01	20.00	20.00	20.00	21.00
5	64QAM	12	13	20.00	20.00	20.01	20.00	20.01	21.00
5	64QAM	25	0	20.01	20.00	20.00	20.00	20.01	21.00

【LTE Band 41_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	13.83	13.80	14.02	13.80	13.82	14.50
20	QPSK	1	49	13.62	13.64	13.91	13.63	13.69	14.50
20	QPSK	1	99	13.67	13.65	13.97	13.72	13.66	14.50
20	QPSK	50	0	13.73	13.74	14.05	13.74	13.79	14.50
20	QPSK	50	24	13.70	13.68	13.93	13.63	13.67	14.50
20	QPSK	50	50	13.69	13.61	13.90	13.65	13.56	14.50
20	QPSK	100	0	13.87	13.82	14.12	13.88	13.83	14.50
20	16QAM	1	0	13.69	13.70	14.01	13.74	13.72	14.50
20	16QAM	1	49	13.67	13.50	13.87	13.57	13.61	14.50
20	16QAM	1	99	13.67	13.70	13.97	13.68	13.76	14.50
20	16QAM	50	0	13.73	13.63	13.97	13.65	13.67	14.50
20	16QAM	50	24	13.67	13.58	13.92	13.61	13.66	14.50
20	16QAM	50	50	13.56	13.55	13.89	13.53	13.58	14.50
20	16QAM	100	0	13.77	13.82	14.07	13.78	13.84	14.50
20	64QAM	1	0	13.37	13.37	13.63	13.33	13.38	14.50
20	64QAM	1	49	13.61	13.62	13.94	13.62	13.65	14.50
20	64QAM	1	99	13.68	13.64	13.89	13.59	13.61	14.50
20	64QAM	50	0	13.66	13.68	13.93	13.62	13.64	14.50
20	64QAM	50	24	13.58	13.68	13.92	13.66	13.65	14.50
20	64QAM	50	50	13.57	13.60	13.87	13.62	13.56	14.50
20	64QAM	100	0	13.79	13.73	14.07	13.80	13.84	14.50
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	13.76	13.68	13.91	13.66	13.76	14.50
15	QPSK	1	37	13.59	13.57	13.87	13.50	13.57	14.50
15	QPSK	1	74	13.64	13.53	13.83	13.65	13.59	14.50
15	QPSK	36	0	13.64	13.65	14.03	13.61	13.78	14.50
15	QPSK	36	20	13.63	13.62	13.89	13.59	13.57	14.50
15	QPSK	36	39	13.56	13.51	13.79	13.57	13.45	14.50
15	QPSK	75	0	13.77	13.73	14.04	13.86	13.77	14.50
15	16QAM	1	0	13.62	13.61	14.00	13.73	13.63	14.50
15	16QAM	1	37	13.61	13.42	13.73	13.53	13.54	14.50
15	16QAM	1	74	13.66	13.60	13.95	13.55	13.72	14.50
15	16QAM	36	0	13.63	13.56	13.91	13.58	13.53	14.50
15	16QAM	36	20	13.53	13.51	13.83	13.56	13.65	14.50
15	16QAM	36	39	13.50	13.47	13.74	13.39	13.57	14.50
15	16QAM	75	0	13.65	13.77	14.00	13.69	13.78	14.50
15	64QAM	1	0	13.26	13.30	13.56	13.20	13.26	14.50
15	64QAM	1	37	13.53	13.54	13.85	13.52	13.55	14.50



15	64QAM	1	74	13.59	13.50	13.82	13.46	13.49	14.50
15	64QAM	36	0	13.60	13.61	13.91	13.49	13.49	14.50
15	64QAM	36	20	13.55	13.66	13.87	13.63	13.57	14.50
15	64QAM	36	39	13.49	13.47	13.79	13.54	13.43	14.50
15	64QAM	75	0	13.65	13.65	14.05	13.73	13.75	14.50
Channel				39700	40150	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	13.70	13.69	13.93	13.77	13.77	14.50
10	QPSK	1	25	13.57	13.59	13.84	13.55	13.59	14.50
10	QPSK	1	49	13.58	13.55	13.91	13.65	13.56	14.50
10	QPSK	25	0	13.70	13.68	13.95	13.65	13.65	14.50
10	QPSK	25	12	13.64	13.59	13.85	13.60	13.61	14.50
10	QPSK	25	25	13.66	13.56	13.78	13.52	13.50	14.50
10	QPSK	50	0	13.78	13.81	14.11	13.76	13.82	14.50
10	16QAM	1	0	13.62	13.56	13.96	13.63	13.65	14.50
10	16QAM	1	25	13.64	13.45	13.85	13.48	13.48	14.50
10	16QAM	1	49	13.52	13.68	13.96	13.55	13.65	14.50
10	16QAM	25	0	13.66	13.59	13.86	13.60	13.60	14.50
10	16QAM	25	12	13.54	13.44	13.86	13.53	13.61	14.50
10	16QAM	25	25	13.47	13.40	13.81	13.44	13.53	14.50
10	16QAM	50	0	13.67	13.78	14.04	13.67	13.72	14.50
10	64QAM	1	0	13.35	13.30	13.52	13.25	13.35	14.50
10	64QAM	1	25	13.59	13.54	13.88	13.47	13.63	14.50
10	64QAM	1	49	13.57	13.59	13.81	13.57	13.54	14.50
10	64QAM	25	0	13.62	13.56	13.79	13.50	13.50	14.50
10	64QAM	25	12	13.50	13.66	13.85	13.60	13.54	14.50
10	64QAM	25	25	13.49	13.51	13.72	13.53	13.47	14.50
10	64QAM	50	0	13.67	13.61	13.96	13.67	13.72	14.50
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	13.80	13.71	13.95	13.72	13.74	14.50
5	QPSK	1	12	13.54	13.49	13.90	13.60	13.55	14.50
5	QPSK	1	24	13.54	13.52	13.96	13.61	13.57	14.50
5	QPSK	12	0	13.66	13.68	13.98	13.65	13.76	14.50
5	QPSK	12	7	13.65	13.60	13.79	13.61	13.61	14.50
5	QPSK	12	13	13.62	13.52	13.79	13.57	13.44	14.50
5	QPSK	25	0	13.74	13.75	14.05	13.76	13.72	14.50
5	16QAM	1	0	13.62	13.60	13.97	13.64	13.66	14.50
5	16QAM	1	12	13.60	13.44	13.80	13.45	13.51	14.50
5	16QAM	1	24	13.57	13.56	13.96	13.59	13.65	14.50
5	16QAM	12	0	13.69	13.51	13.90	13.63	13.62	14.50
5	16QAM	12	7	13.60	13.55	13.82	13.48	13.53	14.50
5	16QAM	12	13	13.50	13.48	13.80	13.46	13.49	14.50
5	16QAM	25	0	13.71	13.71	14.02	13.66	13.80	14.50
5	64QAM	1	0	13.29	13.33	13.57	13.27	13.25	14.50
5	64QAM	1	12	13.53	13.52	13.85	13.58	13.53	14.50
5	64QAM	1	24	13.61	13.50	13.80	13.51	13.47	14.50
5	64QAM	12	0	13.51	13.57	13.92	13.56	13.59	14.50
5	64QAM	12	7	13.51	13.60	13.79	13.59	13.59	14.50
5	64QAM	12	13	13.56	13.45	13.81	13.61	13.49	14.50
5	64QAM	25	0	13.73	13.62	14.06	13.70	13.72	14.50

【LTE Band 41_Ant 0_DSI 4 Body-worn】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	15.33	15.25	15.67	15.21	15.23	16.00
20	QPSK	1	49	15.08	15.03	15.53	15.02	15.03	16.00
20	QPSK	1	99	15.04	14.99	15.52	14.95	15.03	16.00
20	QPSK	50	0	15.13	14.99	15.56	14.96	14.99	16.00
20	QPSK	50	24	15.14	15.04	15.53	14.97	15.08	16.00
20	QPSK	50	50	15.15	15.01	15.55	15.03	15.04	16.00
20	QPSK	100	0	15.30	15.16	15.65	15.10	15.10	16.00
20	16QAM	1	0	15.01	15.01	15.47	14.91	14.91	16.00
20	16QAM	1	49	15.03	15.07	15.51	15.04	14.98	16.00
20	16QAM	1	99	15.16	15.10	15.55	15.05	14.98	16.00
20	16QAM	50	0	14.89	14.84	15.35	14.79	14.89	16.00
20	16QAM	50	24	15.13	15.07	15.57	15.09	15.06	16.00
20	16QAM	50	50	15.25	15.12	15.62	15.05	15.15	16.00



20	16QAM	100	0	15.05	14.87	15.41	14.85	14.91	16.00
20	64QAM	1	0	14.67	14.66	15.09	14.51	14.58	16.00
20	64QAM	1	49	15.09	15.06	15.57	15.10	15.04	16.00
20	64QAM	1	99	15.21	15.06	15.62	15.04	15.09	16.00
20	64QAM	50	0	15.04	14.94	15.40	14.88	14.96	16.00
20	64QAM	50	24	15.22	15.15	15.62	15.02	15.07	16.00
20	64QAM	50	50	15.16	15.07	15.60	15.01	15.07	16.00
20	64QAM	100	0	14.77	14.77	15.24	14.72	14.79	16.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	15.20	15.13	15.56	15.17	15.14	16.00
15	QPSK	1	37	14.94	15.01	15.42	14.90	14.94	16.00
15	QPSK	1	74	14.89	14.93	15.41	14.91	14.94	16.00
15	QPSK	36	0	15.05	14.86	15.40	14.84	14.90	16.00
15	QPSK	36	20	15.09	14.89	15.41	14.92	14.95	16.00
15	QPSK	36	39	15.08	14.92	15.42	14.99	14.97	16.00
15	QPSK	75	0	15.17	15.11	15.50	15.01	15.06	16.00
15	16QAM	1	0	14.88	14.97	15.41	14.89	14.88	16.00
15	16QAM	1	37	14.98	15.03	15.46	14.94	14.93	16.00
15	16QAM	1	74	15.05	15.05	15.50	14.94	14.95	16.00
15	16QAM	36	0	14.82	14.81	15.23	14.69	14.75	16.00
15	16QAM	36	20	15.11	14.97	15.51	15.06	15.02	16.00
15	16QAM	36	39	15.11	15.07	15.56	14.95	15.03	16.00
15	16QAM	75	0	14.92	14.85	15.39	14.82	14.83	16.00
15	64QAM	1	0	14.65	14.53	15.03	14.37	14.46	16.00
15	64QAM	1	37	14.98	14.96	15.48	14.95	15.02	16.00
15	64QAM	1	74	15.16	15.04	15.54	14.93	14.97	16.00
15	64QAM	36	0	14.99	14.83	15.34	14.80	14.91	16.00
15	64QAM	36	20	15.15	15.01	15.53	14.88	14.95	16.00
15	64QAM	36	39	15.15	15.04	15.51	14.99	15.03	16.00
15	64QAM	75	0	14.72	14.68	15.22	14.63	14.68	16.00
Channel				39700	40150	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	15.20	15.18	15.65	15.09	15.11	16.00
10	QPSK	1	25	14.99	14.91	15.46	14.89	14.91	16.00
10	QPSK	1	49	14.96	14.95	15.39	14.83	15.02	16.00
10	QPSK	25	0	15.07	14.90	15.41	14.84	14.91	16.00
10	QPSK	25	12	15.09	14.94	15.48	14.85	15.01	16.00
10	QPSK	25	25	15.03	14.94	15.40	14.99	14.91	16.00
10	QPSK	50	0	15.27	15.08	15.61	14.99	14.97	16.00
10	16QAM	1	0	14.92	14.88	15.38	14.77	14.85	16.00
10	16QAM	1	25	14.96	14.93	15.38	14.95	14.83	16.00
10	16QAM	1	49	15.07	14.97	15.44	14.91	14.92	16.00
10	16QAM	25	0	14.83	14.82	15.29	14.76	14.77	16.00
10	16QAM	25	12	15.04	14.99	15.48	15.04	14.93	16.00
10	16QAM	25	25	15.11	15.00	15.59	14.97	15.02	16.00
10	16QAM	50	0	15.02	14.77	15.35	14.83	14.77	16.00
10	64QAM	1	0	14.55	14.64	15.00	14.44	14.48	16.00
10	64QAM	1	25	15.01	14.94	15.42	15.00	14.96	16.00
10	64QAM	1	49	15.09	14.99	15.60	14.91	15.05	16.00
10	64QAM	25	0	14.96	14.85	15.38	14.74	14.83	16.00
10	64QAM	25	12	15.16	15.06	15.52	14.95	15.01	16.00
10	64QAM	25	25	15.06	14.99	15.51	14.92	14.98	16.00
10	64QAM	50	0	14.63	14.66	15.16	14.63	14.69	16.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	15.31	15.19	15.62	15.13	15.18	16.00
5	QPSK	1	12	15.02	14.99	15.41	14.94	15.01	16.00
5	QPSK	1	24	14.92	14.92	15.37	14.91	14.88	16.00
5	QPSK	12	0	15.09	14.86	15.43	14.82	14.88	16.00
5	QPSK	12	7	15.01	14.92	15.38	14.83	14.94	16.00
5	QPSK	12	13	15.01	14.99	15.44	14.96	14.97	16.00
5	QPSK	25	0	15.22	15.13	15.56	14.96	15.00	16.00
5	16QAM	1	0	14.96	14.94	15.39	14.83	14.89	16.00
5	16QAM	1	12	15.01	14.94	15.40	15.03	14.96	16.00
5	16QAM	1	24	15.03	15.07	15.46	15.00	14.86	16.00
5	16QAM	12	0	14.77	14.82	15.24	14.68	14.77	16.00
5	16QAM	12	7	15.11	15.01	15.42	14.95	14.95	16.00
5	16QAM	12	13	15.22	15.00	15.53	14.99	15.00	16.00
5	16QAM	25	0	15.00	14.73	15.32	14.79	14.82	16.00
5	64QAM	1	0	14.56	14.53	14.95	14.45	14.46	16.00
5	64QAM	1	12	14.99	15.00	15.47	15.04	14.89	16.00



5	64QAM	1	24	15.08	14.93	15.48	14.97	15.06	16.00
5	64QAM	12	0	14.96	14.80	15.32	14.87	14.92	16.00
5	64QAM	12	7	15.16	15.13	15.49	14.98	14.97	16.00
5	64QAM	12	13	15.06	15.04	15.57	14.94	14.97	16.00
5	64QAM	25	0	14.70	14.65	15.14	14.59	14.69	16.00

【LTE Band 41_Ant 0_DSI 4 Extremity】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	15.33	15.25	15.67	15.21	15.23	16.00
20	QPSK	1	49	15.08	15.03	15.53	15.02	15.03	16.00
20	QPSK	1	99	15.04	14.99	15.52	14.95	15.03	16.00
20	QPSK	50	0	15.13	14.99	15.56	14.96	14.99	16.00
20	QPSK	50	24	15.14	15.04	15.53	14.97	15.08	16.00
20	QPSK	50	50	15.15	15.01	15.55	15.03	15.04	16.00
20	QPSK	100	0	15.30	15.16	15.65	15.10	15.10	16.00
20	16QAM	1	0	15.01	15.01	15.47	14.91	14.91	16.00
20	16QAM	1	49	15.03	15.07	15.51	15.04	14.98	16.00
20	16QAM	1	99	15.16	15.10	15.55	15.05	14.98	16.00
20	16QAM	50	0	14.89	14.84	15.35	14.79	14.89	16.00
20	16QAM	50	24	15.13	15.07	15.57	15.09	15.06	16.00
20	16QAM	50	50	15.25	15.12	15.62	15.05	15.15	16.00
20	16QAM	100	0	15.05	14.87	15.41	14.85	14.91	16.00
20	64QAM	1	0	14.67	14.66	15.09	14.51	14.58	16.00
20	64QAM	1	49	15.09	15.06	15.57	15.10	15.04	16.00
20	64QAM	1	99	15.21	15.06	15.62	15.04	15.09	16.00
20	64QAM	50	0	15.04	14.94	15.40	14.88	14.96	16.00
20	64QAM	50	24	15.22	15.15	15.62	15.02	15.07	16.00
20	64QAM	50	50	15.16	15.07	15.60	15.01	15.07	16.00
20	64QAM	100	0	14.77	14.77	15.24	14.72	14.79	16.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	15.21	15.18	15.56	15.19	15.16	16.00
15	QPSK	1	37	14.98	15.01	15.39	14.97	14.95	16.00
15	QPSK	1	74	14.97	14.94	15.44	14.92	14.97	16.00
15	QPSK	36	0	15.06	14.95	15.45	14.86	14.88	16.00
15	QPSK	36	20	15.12	14.97	15.49	14.95	15.00	16.00
15	QPSK	36	39	15.12	14.92	15.53	14.92	14.99	16.00
15	QPSK	75	0	15.21	15.06	15.62	14.96	14.96	16.00
15	16QAM	1	0	14.91	14.91	15.46	14.77	14.88	16.00
15	16QAM	1	37	14.91	14.96	15.44	14.99	14.94	16.00
15	16QAM	1	74	15.15	15.00	15.54	14.92	14.86	16.00
15	16QAM	36	0	14.76	14.72	15.33	14.76	14.77	16.00
15	16QAM	36	20	15.07	14.96	15.53	15.01	14.95	16.00
15	16QAM	36	39	15.22	15.00	15.53	15.01	15.05	16.00
15	16QAM	75	0	14.98	14.84	15.33	14.78	14.77	16.00
15	64QAM	1	0	14.61	14.53	15.08	14.41	14.49	16.00
15	64QAM	1	37	14.99	14.99	15.42	15.03	15.02	16.00
15	64QAM	1	74	15.18	14.95	15.49	15.03	14.99	16.00
15	64QAM	36	0	14.99	14.84	15.26	14.73	14.92	16.00
15	64QAM	36	20	15.11	15.08	15.48	14.98	14.92	16.00
15	64QAM	36	39	15.13	15.04	15.53	14.94	14.96	16.00
15	64QAM	75	0	14.71	14.64	15.22	14.59	14.75	16.00
Channel				39700	40150	40620	41080	41540	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	15.24	15.23	15.52	15.14	15.10	16.00
10	QPSK	1	25	14.97	14.96	15.47	14.98	15.01	16.00
10	QPSK	1	49	15.02	14.93	15.40	14.82	14.96	16.00
10	QPSK	25	0	15.01	14.91	15.54	14.87	14.92	16.00
10	QPSK	25	12	15.07	14.93	15.46	14.91	14.98	16.00
10	QPSK	25	25	15.11	14.94	15.41	14.93	14.99	16.00
10	QPSK	50	0	15.24	15.03	15.61	15.03	15.07	16.00
10	16QAM	1	0	14.91	14.89	15.36	14.79	14.81	16.00
10	16QAM	1	25	14.94	15.05	15.49	14.93	14.95	16.00
10	16QAM	1	49	15.15	15.04	15.44	14.91	14.91	16.00
10	16QAM	25	0	14.80	14.72	15.26	14.70	14.75	16.00
10	16QAM	25	12	15.09	15.02	15.45	14.94	14.97	16.00
10	16QAM	25	25	15.21	15.10	15.48	14.91	15.02	16.00



10	16QAM	50	0	15.00	14.75	15.34	14.82	14.88	16.00
10	64QAM	1	0	14.65	14.63	15.03	14.43	14.54	16.00
10	64QAM	1	25	15.04	15.05	15.44	15.02	15.00	16.00
10	64QAM	1	49	15.15	14.94	15.51	14.98	15.05	16.00
10	64QAM	25	0	14.89	14.91	15.28	14.80	14.86	16.00
10	64QAM	25	12	15.09	15.08	15.51	14.95	14.92	16.00
10	64QAM	25	25	15.15	15.00	15.56	14.98	14.94	16.00
10	64QAM	50	0	14.76	14.65	15.21	14.60	14.72	16.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	15.20	15.18	15.60	15.17	15.18	16.00
5	QPSK	1	12	14.97	14.90	15.40	14.97	14.98	16.00
5	QPSK	1	24	14.91	14.92	15.37	14.91	14.92	16.00
5	QPSK	12	0	15.05	14.86	15.53	14.94	14.91	16.00
5	QPSK	12	7	15.05	14.93	15.42	14.94	15.07	16.00
5	QPSK	12	13	15.06	14.88	15.46	14.89	15.02	16.00
5	QPSK	25	0	15.23	15.03	15.52	15.07	15.03	16.00
5	16QAM	1	0	14.86	14.98	15.37	14.81	14.87	16.00
5	16QAM	1	12	14.99	14.95	15.40	14.90	14.88	16.00
5	16QAM	1	24	15.04	15.02	15.45	14.94	14.93	16.00
5	16QAM	12	0	14.86	14.74	15.29	14.71	14.76	16.00
5	16QAM	12	7	14.98	14.98	15.48	14.95	15.03	16.00
5	16QAM	12	13	15.14	15.03	15.52	14.96	15.07	16.00
5	16QAM	25	0	14.92	14.74	15.31	14.81	14.77	16.00
5	64QAM	1	0	14.56	14.60	14.99	14.38	14.50	16.00
5	64QAM	1	12	14.99	14.98	15.52	14.99	14.98	16.00
5	64QAM	1	24	15.08	15.03	15.52	14.91	14.94	16.00
5	64QAM	12	0	14.91	14.85	15.26	14.77	14.95	16.00
5	64QAM	12	7	15.11	15.13	15.58	14.97	14.99	16.00
5	64QAM	12	13	15.04	15.01	15.47	15.00	14.97	16.00
5	64QAM	25	0	14.74	14.73	15.16	14.65	14.75	16.00

<Bluetooth Conducted Power>

【Bluetooth】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	10.90	12.00	76.92
	39	2441	9.99	11.00	
	78	2480	11.38	12.00	
BR / EDR 2Mbps	0	2402	7.88	9.00	76.92
	39	2441	6.84	8.00	
	78	2480	8.57	9.50	
BR / EDR 3Mbps	0	2402	8.09	9.00	76.92
	39	2441	6.62	7.50	
	78	2480	8.66	9.50	
LE 1Mbps	0	2402	2.94	4.00	61.63
	19	2440	2.73	4.00	
	39	2480	3.00	4.00	
LE 2Mbps	1	2404	3.13	4.00	32.18
	19	2440	2.91	4.00	
	38	2478	3.14	4.00	



<WLAN Conducted Power>

<2.4GHz WLAN Ant 3 Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.01	16.00	99.31
	6	2437	14.56	15.50	99.31
	11	2462	15.08	16.00	99.31
802.11g 6Mbps	1	2412	14.84	16.00	96.97
	6	2437	14.23	15.50	96.97
	11	2462	14.77	16.00	96.97
802.11n-HT20 MCS0	1	2412	14.68	15.50	96.77
	6	2437	14.21	15.50	96.77
	11	2462	14.75	16.00	96.77
802.11n-HT40 MCS0	3	2422	14.79	16.00	93.74
	6	2437	14.56	16.00	93.74
	9	2452	14.31	16.00	93.74

<2.4GHz WLAN Ant 3 DSI 2 Head>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	14.35	16.00	99.31
	6	2437	13.75	15.50	99.31
	11	2462	14.52	16.00	99.31
802.11g 6Mbps	1	2412	14.27	16.00	96.97
	6	2437	13.82	15.50	96.97
	11	2462	14.19	16.00	96.97
802.11n-HT20 MCS0	1	2412	13.96	15.50	96.77
	6	2437	13.62	15.50	96.77
	11	2462	14.22	16.00	96.77
802.11n-HT40 MCS0	3	2422	14.21	16.00	93.74
	6	2437	14.02	16.00	93.74
	9	2452	14.31	16.00	93.74

<2.4GHz WLAN Ant 3 DSI 4 Body-worn>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.01	16.00	99.31
	6	2437	14.56	15.50	99.31
	11	2462	15.08	16.00	99.31
802.11g 6Mbps	1	2412	14.84	16.00	96.97
	6	2437	14.23	15.50	96.97
	11	2462	14.77	16.00	96.97
802.11n-HT20 MCS0	1	2412	14.68	15.50	96.77
	6	2437	14.21	15.50	96.77
	11	2462	14.75	16.00	96.77
802.11n-HT40 MCS0	3	2422	14.79	16.00	93.74
	6	2437	14.56	16.00	93.74
	9	2452	14.31	16.00	93.74

<2.4GHz WLAN Ant 3 DSI 4 Extremity>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.01	16.00	99.31
	6	2437	14.56	15.50	99.31
	11	2462	15.08	16.00	99.31
802.11g 6Mbps	1	2412	14.84	16.00	96.97
	6	2437	14.23	15.50	96.97
	11	2462	14.77	16.00	96.97
802.11n-HT20 MCS0	1	2412	14.68	15.50	96.77
	6	2437	14.21	15.50	96.77
	11	2462	14.75	16.00	96.77
802.11n-HT40 MCS0	3	2422	14.79	16.00	93.74
	6	2437	14.56	16.00	93.74
	9	2452	14.31	16.00	93.74



<2.4GHz WLAN_Ant 3_DSI 7 Hotspot>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.01	16.00	99.31
	6	2437	14.56	15.50	99.31
	11	2462	15.08	16.00	99.31
802.11g 6Mbps	1	2412	14.84	16.00	96.97
	6	2437	14.23	15.50	96.97
	11	2462	14.77	16.00	96.97
802.11n-HT20 MCS0	1	2412	14.68	15.50	96.77
	6	2437	14.21	15.50	96.77
	11	2462	14.75	16.00	96.77
802.11n-HT40 MCS0	3	2422	14.79	16.00	93.74
	6	2437	14.56	16.00	93.74
	9	2452	14.31	16.00	93.74

<5.2GHz WLAN_Ant 3_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	14.07	15.5	96.97
	40	5200	14.59	16.00	96.97
	44	5220	14.55	16.00	96.97
	48	5240	14.60	16.00	96.97
802.11n-HT20 MCS0	36	5180	14.45	16.00	96.23
	40	5200	14.44	16.00	96.23
	44	5220	14.42	16.00	96.23
	48	5240	14.48	16.00	96.23
802.11n-HT40 MCS0	38	5190	12.91	14.5	93.31
	46	5230	14.31	16.00	93.31
802.11ac-VHT20 MCS0	36	5180	14.49	16.00	96.08
	40	5200	14.50	16.00	96.08
	44	5220	14.48	16.00	96.08
	48	5240	14.53	16.00	96.08
802.11ac-VHT40 MCS0	38	5190	12.94	14.5	93.55
	46	5230	14.38	16.00	93.55
802.11ac-VHT80 MCS0	42	5210	11.82	13.5	87.75

<5.2GHz WLAN_Ant 3_DSI 2 Head>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	14.07	15.5	96.97
	40	5200	14.59	16.00	96.97
	44	5220	14.55	16.00	96.97
	48	5240	14.60	16.00	96.97
802.11n-HT20 MCS0	36	5180	14.45	16.00	96.23
	40	5200	14.44	16.00	96.23
	44	5220	14.42	16.00	96.23
	48	5240	14.48	16.00	96.23
802.11n-HT40 MCS0	38	5190	12.91	14.5	93.31
	46	5230	14.31	16.00	93.31
802.11ac-VHT20 MCS0	36	5180	14.49	16.00	96.08
	40	5200	14.50	16.00	96.08
	44	5220	14.48	16.00	96.08
	48	5240	14.53	16.00	96.08
802.11ac-VHT40 MCS0	38	5190	12.94	14.5	93.55
	46	5230	14.38	16.00	93.55
802.11ac-VHT80 MCS0	42	5210	11.82	13.5	87.75



【5.2GHz WLAN_DSI 4 Body-worn】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	9.17	10.00	96.97
	40	5200	9.30	10.00	
	44	5220	9.20	10.00	
	48	5240	9.31	10.00	
802.11n-HT20 MCS0	36	5180	9.05	10.00	96.23
	40	5200	9.08	10.00	
	44	5220	9.04	10.00	
	48	5240	9.08	10.00	
802.11n-HT40 MCS0	38	5190	9.20	10.00	93.31
	46	5230	9.18	10.00	
802.11ac-VHT20 MCS0	36	5180	9.12	10.00	96.08
	40	5200	9.14	10.00	
	44	5220	9.13	10.00	
	48	5240	9.18	10.00	
802.11ac-VHT40 MCS0	38	5190	9.25	10.00	93.55
	46	5230	9.23	10.00	
802.11ac-VHT80 MCS0	42	5210	9.20	10.00	87.75

【5.2GHz WLAN_DSI 4 Extremity】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	9.17	10.00	96.97
	40	5200	9.30	10.00	
	44	5220	9.20	10.00	
	48	5240	9.31	10.00	
802.11n-HT20 MCS0	36	5180	9.05	10.00	96.23
	40	5200	9.08	10.00	
	44	5220	9.04	10.00	
	48	5240	9.08	10.00	
802.11n-HT40 MCS0	38	5190	9.20	10.00	93.31
	46	5230	9.18	10.00	
802.11ac-VHT20 MCS0	36	5180	9.12	10.00	96.08
	40	5200	9.14	10.00	
	44	5220	9.13	10.00	
	48	5240	9.18	10.00	
802.11ac-VHT40 MCS0	38	5190	9.25	10.00	93.55
	46	5230	9.23	10.00	
802.11ac-VHT80 MCS0	42	5210	9.20	10.00	87.75

【5.2GHz WLAN_DSI 7 Hotspot】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	11.28	12.00	96.97
	40	5200	11.34	12.00	
	44	5220	11.40	12.00	
	48	5240	11.47	12.00	
802.11n-HT20 MCS0	36	5180	11.25	12.00	96.23
	40	5200	11.21	12.00	
	44	5220	11.26	12.00	
	48	5240	11.22	12.00	
802.11n-HT40 MCS0	38	5190	11.29	12.00	93.31
	46	5230	11.24	12.00	
802.11ac-VHT20 MCS0	36	5180	11.30	12.00	96.08
	40	5200	11.23	12.00	
	44	5220	11.32	12.00	
	48	5240	11.28	12.00	
802.11ac-VHT40 MCS0	38	5190	11.32	12.00	93.55
	46	5230	11.30	12.00	
802.11ac-VHT80 MCS0	42	5210	11.40	12.00	87.75



<5.3GHz WLAN_Ant 3_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	14.67	16.00	96.97
	56	5280	14.57	16.00	96.97
	60	5300	14.67	16.00	96.97
	64	5320	14.65	16.00	96.97
802.11n-HT20 MCS0	52	5260	14.45	16.00	96.23
	56	5280	14.42	16.00	96.23
	60	5300	13.56	15	96.23
	64	5320	14.58	16.00	96.23
802.11n-HT40 MCS0	54	5270	14.26	16.00	93.31
	62	5310	12.88	14.5	93.31
802.11ac-VHT20 MCS0	52	5260	14.50	16.00	96.08
	56	5280	14.48	16.00	96.08
	60	5300	14.56	16.00	96.08
	64	5320	13.63	15	96.08
802.11ac-VHT40 MCS0	54	5270	14.32	16.00	93.55
	62	5310	12.93	14.5	93.55
802.11ac-VHT80 MCS0	58	5290	11.90	13.5	87.75

<5.3GHz WLAN_Ant 3_DSI 2 Head>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	14.67	16.00	96.97
	56	5280	14.57	16.00	96.97
	60	5300	14.67	16.00	96.97
	64	5320	14.65	16.00	96.97
802.11n-HT20 MCS0	52	5260	14.45	16.00	96.23
	56	5280	14.42	16.00	96.23
	60	5300	13.56	15	96.23
	64	5320	14.58	16.00	96.23
802.11n-HT40 MCS0	54	5270	14.26	16.00	93.31
	62	5310	12.88	14.5	93.31
802.11ac-VHT20 MCS0	52	5260	14.50	16.00	96.08
	56	5280	14.48	16.00	96.08
	60	5300	14.56	16.00	96.08
	64	5320	13.63	15	96.08
802.11ac-VHT40 MCS0	54	5270	14.32	16.00	93.55
	62	5310	12.93	14.5	93.55
802.11ac-VHT80 MCS0	58	5290	11.90	13.5	87.75

【5.3GHz WLAN_DSI 4 Body-worn】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	10.36	11.00	96.97
	56	5280	10.44	11.00	
	60	5300	10.39	11.00	
	64	5320	10.42	11.00	
802.11n-HT20 MCS0	52	5260	10.26	11.00	96.23
	56	5280	10.18	11.00	
	60	5300	10.16	11.00	
	64	5320	10.29	11.00	
802.11n-HT40 MCS0	54	5270	10.23	11.00	93.31
	62	5310	10.19	11.00	
802.11ac-VHT20 MCS0	52	5260	10.31	11.00	96.08
	56	5280	10.28	11.00	
	60	5300	10.26	11.00	
	64	5320	10.34	11.00	
802.11ac-VHT40 MCS0	54	5270	10.27	11.00	93.55
	62	5310	10.25	11.00	
802.11ac-VHT80 MCS0	58	5290	10.39	11.00	87.75



【5.3GHz WLAN_DSI 4 Extremity】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	10.36	11.00	96.97
	56	5280	10.44	11.00	
	60	5300	10.39	11.00	
	64	5320	10.42	11.00	
802.11n-HT20 MCS0	52	5260	10.26	11.00	96.23
	56	5280	10.18	11.00	
	60	5300	10.16	11.00	
	64	5320	10.29	11.00	
802.11n-HT40 MCS0	54	5270	10.23	11.00	93.31
	62	5310	10.19	11.00	
802.11ac-VHT20 MCS0	52	5260	10.31	11.00	96.08
	56	5280	10.28	11.00	
	60	5300	10.26	11.00	
	64	5320	10.34	11.00	
802.11ac-VHT40 MCS0	54	5270	10.27	11.00	93.55
	62	5310	10.25	11.00	
802.11ac-VHT80 MCS0	58	5290	10.39	11.00	87.75

<5.5GHz WLAN Ant 3 Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	13.08	15.00	96.97
	116	5580	13.16	15.00	96.97
	124	5620	13.24	15.00	96.97
	132	5660	13.17	15.00	96.97
	144	5720	13.25	15.00	96.97
802.11n-HT20 MCS0	100	5500	13.05	15.00	96.23
	116	5580	13.06	15.00	96.23
	124	5620	13.06	15.00	96.23
	132	5660	13.09	15.00	96.23
	144	5720	13.06	15.00	96.23
802.11n-HT40 MCS0	102	5510	12.91	15.00	93.31
	110	5550	13.02	15.00	93.31
	126	5630	12.91	14.50	93.31
	134	5670	13.04	15.00	93.31
	142	5710	13.01	14.50	93.31
802.11ac-VHT20 MCS0	100	5500	13.09	15.00	96.08
	116	5580	13.01	15.00	96.08
	124	5620	13.09	15.00	96.08
	132	5660	13.11	15.00	96.08
	144	5720	13.15	15.00	96.08
802.11ac-VHT40 MCS0	102	5510	12.98	15.00	93.55
	110	5550	13.08	15.00	93.55
	126	5630	13.15	15.00	93.55
	134	5670	13.10	14.50	93.55
	142	5710	13.07	15.00	93.55
802.11ac-VHT80 MCS0	106	5530	12.55	15.00	87.75
	122	5610	13.04	15.00	87.75
	138	5690	13.08	15.00	87.75

<5.5GHz WLAN Ant 3 DSI 2 Head>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	13.08	15.00	96.97
	116	5580	13.16	15.00	96.97
	124	5620	13.24	15.00	96.97
	132	5660	13.17	15.00	96.97
	144	5720	13.25	15.00	96.97
802.11n-HT20 MCS0	100	5500	13.05	15.00	96.23
	116	5580	13.06	15.00	96.23
	124	5620	13.06	15.00	96.23
	132	5660	13.09	15.00	96.23
	144	5720	13.06	15.00	96.23
802.11n-HT40 MCS0	102	5510	12.91	15.00	93.31
	110	5550	13.02	15.00	93.31
	126	5630	12.91	14.50	93.31
	134	5670	13.04	15.00	93.31
	142	5710	13.01	14.50	93.31
802.11ac-VHT20 MCS0	100	5500	13.09	15.00	96.08



	116	5580	13.01	15.00	96.08
	124	5620	13.09	15.00	96.08
	132	5660	13.11	15.00	96.08
	144	5720	13.15	15.00	96.08
802.11ac-VHT40 MCS0	102	5510	12.98	15.00	93.55
	110	5550	13.08	15.00	93.55
	126	5630	13.15	15.00	93.55
	134	5670	13.10	14.50	93.55
	142	5710	13.07	15.00	93.55
802.11ac-VHT80 MCS0	106	5530	12.55	15.00	87.75
	122	5610	13.04	15.00	87.75
	138	5690	13.08	15.00	87.75

【5.5GHz WLAN_DSI 4 Body-worn】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	10.14	11.00	96.97
	116	5580	9.94	11.00	
	124	5620	10.04	11.00	
	132	5660	10.05	11.00	
	144	5720	10.01	11.00	
802.11n-HT20 MCS0	100	5500	9.99	11.00	96.23
	116	5580	9.98	11.00	
	124	5620	9.98	11.00	
	132	5660	9.85	11.00	
	144	5720	9.86	11.00	
802.11n-HT40 MCS0	102	5510	9.90	11.00	93.31
	110	5550	9.97	11.00	
	126	5630	10.04	11.00	
	134	5670	10.02	11.00	
	142	5710	10.02	11.00	
802.11ac-VHT20 MCS0	100	5500	9.95	11.00	96.08
	116	5580	9.91	11.00	
	124	5620	10.06	11.00	
	132	5660	10.05	11.00	
	144	5720	9.94	11.00	
802.11ac-VHT40 MCS0	102	5510	9.96	11.00	93.55
	110	5550	9.98	11.00	
	126	5630	10.03	11.00	
	134	5670	10.08	11.00	
	142	5710	10.07	11.00	
802.11ac-VHT80 MCS0	106	5530	10.08	11.00	87.75
	122	5610	10.01	11.00	
	138	5690	9.98	11.00	

【5.5GHz WLAN_DSI 4 Extremity】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	10.14	11.00	96.97
	116	5580	9.94	11.00	
	124	5620	10.04	11.00	
	132	5660	10.05	11.00	
	144	5720	10.01	11.00	
802.11n-HT20 MCS0	100	5500	9.99	11.00	96.23
	116	5580	9.98	11.00	
	124	5620	9.98	11.00	
	132	5660	9.85	11.00	
	144	5720	9.86	11.00	
802.11n-HT40 MCS0	102	5510	9.90	11.00	93.31
	110	5550	9.97	11.00	
	126	5630	10.04	11.00	
	134	5670	10.02	11.00	
	142	5710	10.02	11.00	
802.11ac-VHT20 MCS0	100	5500	9.95	11.00	96.08
	116	5580	9.91	11.00	
	124	5620	10.06	11.00	
	132	5660	10.05	11.00	
	144	5720	9.94	11.00	
802.11ac-VHT40 MCS0	102	5510	9.96	11.00	93.55
	110	5550	9.98	11.00	



802.11ac-VHT80 MCS0	126	5630	10.03	11.00	87.75
	134	5670	10.08	11.00	
	142	5710	10.07	11.00	
	106	5530	10.08	11.00	
	122	5610	10.01	11.00	
	138	5690	9.98	11.00	

【5.8GHz WLAN_Full Power】

			Ant 3		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	12.75	14.50	96.97
	157	5785	12.79	14.50	
	165	5825	12.77	14.50	
802.11n-HT20 MCS0	149	5745	12.55	14.50	96.23
	157	5785	12.61	14.50	
	165	5825	12.60	14.50	
802.11n-HT40 MCS0	151	5755	12.65	14.50	93.31
	159	5795	12.64	14.50	
802.11ac-VHT20 MCS0	149	5745	12.60	14.50	96.08
	157	5785	12.68	14.50	
	165	5825	12.66	14.50	
802.11ac-VHT40 MCS0	151	5755	12.67	14.50	93.55
	159	5795	12.70	14.50	
802.11ac-VHT80 MCS0	155	5775	12.68	14.50	87.75

【5.8GHz WLAN_DSI 2 Head】

			Ant 3		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	12.75	14.50	96.97
	157	5785	12.79	14.50	
	165	5825	12.77	14.50	
802.11n-HT20 MCS0	149	5745	12.55	14.50	96.23
	157	5785	12.61	14.50	
	165	5825	12.60	14.50	
802.11n-HT40 MCS0	151	5755	12.65	14.50	93.31
	159	5795	12.64	14.50	
802.11ac-VHT20 MCS0	149	5745	12.60	14.50	96.08
	157	5785	12.68	14.50	
	165	5825	12.66	14.50	
802.11ac-VHT40 MCS0	151	5755	12.67	14.50	93.55
	159	5795	12.70	14.50	
802.11ac-VHT80 MCS0	155	5775	12.68	14.50	87.75

【5.8GHz WLAN_DSI 4 Body-worn】

			Ant 3		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	11.12	12.00	96.97
	157	5785	11.02	12.00	
	165	5825	11.11	12.00	
802.11n-HT20 MCS0	149	5745	11.00	12.00	96.23
	157	5785	10.90	12.00	
	165	5825	10.93	12.00	
802.11n-HT40 MCS0	151	5755	10.88	12.00	93.31
	159	5795	10.93	12.00	
802.11ac-VHT20 MCS0	149	5745	11.06	12.00	96.08
	157	5785	10.96	12.00	
	165	5825	10.99	12.00	
802.11ac-VHT40 MCS0	151	5755	10.96	12.00	93.55
	159	5795	11.00	12.00	
802.11ac-VHT80 MCS0	155	5775	10.96	12.00	87.75



【5.8GHz WLAN_DSI 4 Extremity】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	11.12	12.00	96.97
	157	5785	11.02	12.00	
	165	5825	11.11	12.00	
802.11n-HT20 MCS0	149	5745	11.00	12.00	96.23
	157	5785	10.90	12.00	
	165	5825	10.93	12.00	
802.11n-HT40 MCS0	151	5755	10.88	12.00	93.31
	159	5795	10.93	12.00	
802.11ac-VHT20 MCS0	149	5745	11.06	12.00	96.08
	157	5785	10.96	12.00	
	165	5825	10.99	12.00	
802.11ac-VHT40 MCS0	151	5755	10.96	12.00	93.55
	159	5795	11.00	12.00	
802.11ac-VHT80 MCS0	155	5775	10.96	12.00	87.75

【5.8GHz WLAN_DSI 7 Hotspot】

Mode	Channel	Frequency (MHz)	Ant 3		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	12.75	14.50	96.97
	157	5785	12.79	14.50	
	165	5825	12.77	14.50	
802.11n-HT20 MCS0	149	5745	12.55	14.50	96.23
	157	5785	12.61	14.50	
	165	5825	12.60	14.50	
802.11n-HT40 MCS0	151	5755	12.65	14.50	93.31
	159	5795	12.64	14.50	
802.11ac-VHT20 MCS0	149	5745	12.60	14.50	96.08
	157	5785	12.68	14.50	
	165	5825	12.66	14.50	
802.11ac-VHT40 MCS0	151	5755	12.67	14.50	93.55
	159	5795	12.70	14.50	
802.11ac-VHT80 MCS0	155	5775	12.68	14.50	87.75