

Appendix E-LTE

Test Information:

Sample No.:	2YOF-1	Test Date:	2025/02/28~2025/06/20
Test Site:	RF	Test Mode:	Transmitting
Tester:	Benny Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	20.7~26.2	Relative Humidity: (%)	51~65	ATM Pressure: (kPa)	99.7~101.3
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RF Output Power

FCC Part 22H

LTE Band 5, Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.03	15.28	0.034	7	Pass
1.4MHz_Low_QPSK_1@3	22.16	15.41	0.035	7	Pass
1.4MHz_Low_QPSK_1@5	22.04	15.29	0.034	7	Pass
1.4MHz_Low_QPSK_3@0	22.20	15.45	0.035	7	Pass
1.4MHz_Low_QPSK_3@1	22.24	15.49	0.035	7	Pass
1.4MHz_Low_QPSK_3@3	22.30	15.55	0.036	7	Pass
1.4MHz_Low_QPSK_6@0	21.20	14.45	0.028	7	Pass
1.4MHz_Low_16QAM_1@0	20.95	14.20	0.026	7	Pass
1.4MHz_Low_16QAM_1@3	21.14	14.39	0.027	7	Pass
1.4MHz_Low_16QAM_1@5	20.98	14.23	0.026	7	Pass
1.4MHz_Low_16QAM_3@0	21.35	14.60	0.029	7	Pass
1.4MHz_Low_16QAM_3@1	21.44	14.69	0.029	7	Pass
1.4MHz_Low_16QAM_3@3	21.41	14.66	0.029	7	Pass
1.4MHz_Low_16QAM_6@0	20.43	13.68	0.023	7	Pass
1.4MHz_Middle_QPSK_1@0	22.15	15.40	0.035	7	Pass
1.4MHz_Middle_QPSK_1@3	22.33	15.58	0.036	7	Pass
1.4MHz_Middle_QPSK_1@5	22.14	15.39	0.035	7	Pass
1.4MHz_Middle_QPSK_3@0	22.31	15.56	0.036	7	Pass
1.4MHz_Middle_QPSK_3@1	22.36	15.61	0.036	7	Pass
1.4MHz_Middle_QPSK_3@3	22.35	15.60	0.036	7	Pass
1.4MHz_Middle_QPSK_6@0	21.29	14.54	0.028	7	Pass
1.4MHz_Middle_16QAM_1@0	21.06	14.31	0.027	7	Pass
1.4MHz_Middle_16QAM_1@3	21.27	14.52	0.028	7	Pass
1.4MHz_Middle_16QAM_1@5	21.06	14.31	0.027	7	Pass
1.4MHz_Middle_16QAM_3@0	21.45	14.70	0.030	7	Pass
1.4MHz_Middle_16QAM_3@1	21.49	14.74	0.030	7	Pass
1.4MHz_Middle_16QAM_3@3	21.47	14.72	0.030	7	Pass
1.4MHz_Middle_16QAM_6@0	20.51	13.76	0.024	7	Pass
1.4MHz_High_QPSK_1@0	22.30	15.55	0.036	7	Pass
1.4MHz_High_QPSK_1@3	22.43	15.68	0.037	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	22.36	15.61	0.036	7	Pass
1.4MHz_High_QPSK_3@0	22.26	15.51	0.036	7	Pass
1.4MHz_High_QPSK_3@1	22.35	15.60	0.036	7	Pass
1.4MHz_High_QPSK_3@3	22.27	15.52	0.036	7	Pass
1.4MHz_High_QPSK_6@0	21.19	14.44	0.028	7	Pass
1.4MHz_High_16QAM_1@0	21.48	14.73	0.030	7	Pass
1.4MHz_High_16QAM_1@3	21.74	14.99	0.032	7	Pass
1.4MHz_High_16QAM_1@5	21.59	14.84	0.030	7	Pass
1.4MHz_High_16QAM_3@0	21.51	14.76	0.030	7	Pass
1.4MHz_High_16QAM_3@1	21.58	14.83	0.030	7	Pass
1.4MHz_High_16QAM_3@3	21.61	14.86	0.031	7	Pass
1.4MHz_High_16QAM_6@0	20.16	13.41	0.022	7	Pass
3MHz_Low_QPSK_1@0	22.11	15.36	0.034	7	Pass
3MHz_Low_QPSK_1@8	22.19	15.44	0.035	7	Pass
3MHz_Low_QPSK_1@14	22.21	15.46	0.035	7	Pass
3MHz_Low_QPSK_8@0	21.22	14.47	0.028	7	Pass
3MHz_Low_QPSK_8@4	21.29	14.54	0.028	7	Pass
3MHz_Low_QPSK_8@7	21.22	14.47	0.028	7	Pass
3MHz_Low_QPSK_15@0	21.21	14.46	0.028	7	Pass
3MHz_Low_16QAM_1@0	21.18	14.43	0.028	7	Pass
3MHz_Low_16QAM_1@8	21.20	14.45	0.028	7	Pass
3MHz_Low_16QAM_1@14	21.17	14.42	0.028	7	Pass
3MHz_Low_16QAM_8@0	20.29	13.54	0.023	7	Pass
3MHz_Low_16QAM_8@4	20.33	13.58	0.023	7	Pass
3MHz_Low_16QAM_8@7	20.29	13.54	0.023	7	Pass
3MHz_Low_16QAM_15@0	20.26	13.51	0.022	7	Pass
3MHz_Middle_QPSK_1@0	22.39	15.64	0.037	7	Pass
3MHz_Middle_QPSK_1@8	22.46	15.71	0.037	7	Pass
3MHz_Middle_QPSK_1@14	22.42	15.67	0.037	7	Pass
3MHz_Middle_QPSK_8@0	21.22	14.47	0.028	7	Pass
3MHz_Middle_QPSK_8@4	21.31	14.56	0.029	7	Pass
3MHz_Middle_QPSK_8@7	21.25	14.50	0.028	7	Pass
3MHz_Middle_QPSK_15@0	21.26	14.51	0.028	7	Pass
3MHz_Middle_16QAM_1@0	21.64	14.89	0.031	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	21.63	14.88	0.031	7	Pass
3MHz_Middle_16QAM_1@14	21.62	14.87	0.031	7	Pass
3MHz_Middle_16QAM_8@0	20.37	13.62	0.023	7	Pass
3MHz_Middle_16QAM_8@4	20.43	13.68	0.023	7	Pass
3MHz_Middle_16QAM_8@7	20.37	13.62	0.023	7	Pass
3MHz_Middle_16QAM_15@0	20.28	13.53	0.023	7	Pass
3MHz_High_QPSK_1@0	22.04	15.29	0.034	7	Pass
3MHz_High_QPSK_1@8	22.11	15.36	0.034	7	Pass
3MHz_High_QPSK_1@14	22.08	15.33	0.034	7	Pass
3MHz_High_QPSK_8@0	21.18	14.43	0.028	7	Pass
3MHz_High_QPSK_8@4	21.23	14.48	0.028	7	Pass
3MHz_High_QPSK_8@7	21.18	14.43	0.028	7	Pass
3MHz_High_QPSK_15@0	21.18	14.43	0.028	7	Pass
3MHz_High_16QAM_1@0	20.94	14.19	0.026	7	Pass
3MHz_High_16QAM_1@8	21.01	14.26	0.027	7	Pass
3MHz_High_16QAM_1@14	20.92	14.17	0.026	7	Pass
3MHz_High_16QAM_8@0	20.18	13.43	0.022	7	Pass
3MHz_High_16QAM_8@4	20.22	13.47	0.022	7	Pass
3MHz_High_16QAM_8@7	20.17	13.42	0.022	7	Pass
3MHz_High_16QAM_15@0	20.19	13.44	0.022	7	Pass
5MHz_Low_QPSK_1@0	22.55	15.80	0.038	7	Pass
5MHz_Low_QPSK_1@12	22.37	15.62	0.036	7	Pass
5MHz_Low_QPSK_1@24	22.17	15.42	0.035	7	Pass
5MHz_Low_QPSK_12@0	21.16	14.41	0.028	7	Pass
5MHz_Low_QPSK_12@7	21.34	14.59	0.029	7	Pass
5MHz_Low_QPSK_12@13	21.22	14.47	0.028	7	Pass
5MHz_Low_QPSK_25@0	21.21	14.46	0.028	7	Pass
5MHz_Low_16QAM_1@0	21.12	14.37	0.027	7	Pass
5MHz_Low_16QAM_1@12	21.41	14.66	0.029	7	Pass
5MHz_Low_16QAM_1@24	21.20	14.45	0.028	7	Pass
5MHz_Low_16QAM_12@0	20.20	13.45	0.022	7	Pass
5MHz_Low_16QAM_12@7	20.35	13.60	0.023	7	Pass
5MHz_Low_16QAM_12@13	20.28	13.53	0.023	7	Pass
5MHz_Low_16QAM_25@0	20.22	13.47	0.022	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.17	15.42	0.035	7	Pass
5MHz_Middle_QPSK_1@12	22.40	15.65	0.037	7	Pass
5MHz_Middle_QPSK_1@24	22.16	15.41	0.035	7	Pass
5MHz_Middle_QPSK_12@0	21.17	14.42	0.028	7	Pass
5MHz_Middle_QPSK_12@7	21.29	14.54	0.028	7	Pass
5MHz_Middle_QPSK_12@13	21.23	14.48	0.028	7	Pass
5MHz_Middle_QPSK_25@0	21.25	14.50	0.028	7	Pass
5MHz_Middle_16QAM_1@0	21.20	14.45	0.028	7	Pass
5MHz_Middle_16QAM_1@12	21.46	14.71	0.030	7	Pass
5MHz_Middle_16QAM_1@24	21.21	14.46	0.028	7	Pass
5MHz_Middle_16QAM_12@0	20.25	13.50	0.022	7	Pass
5MHz_Middle_16QAM_12@7	20.35	13.60	0.023	7	Pass
5MHz_Middle_16QAM_12@13	20.29	13.54	0.023	7	Pass
5MHz_Middle_16QAM_25@0	20.28	13.53	0.023	7	Pass
5MHz_High_QPSK_1@0	22.01	15.26	0.034	7	Pass
5MHz_High_QPSK_1@12	22.26	15.51	0.036	7	Pass
5MHz_High_QPSK_1@24	22.05	15.30	0.034	7	Pass
5MHz_High_QPSK_12@0	21.25	14.50	0.028	7	Pass
5MHz_High_QPSK_12@7	21.26	14.51	0.028	7	Pass
5MHz_High_QPSK_12@13	21.18	14.43	0.028	7	Pass
5MHz_High_QPSK_25@0	21.20	14.45	0.028	7	Pass
5MHz_High_16QAM_1@0	21.71	14.96	0.031	7	Pass
5MHz_High_16QAM_1@12	21.92	15.17	0.033	7	Pass
5MHz_High_16QAM_1@24	21.72	14.97	0.031	7	Pass
5MHz_High_16QAM_12@0	20.30	13.55	0.023	7	Pass
5MHz_High_16QAM_12@7	20.34	13.59	0.023	7	Pass
5MHz_High_16QAM_12@13	20.28	13.53	0.023	7	Pass
5MHz_High_16QAM_25@0	20.34	13.59	0.023	7	Pass
10MHz_Low_QPSK_1@0	22.66	15.91	0.039	7	Pass
10MHz_Low_QPSK_1@25	22.35	15.60	0.036	7	Pass
10MHz_Low_QPSK_1@49	22.21	15.46	0.035	7	Pass
10MHz_Low_QPSK_25@0	21.24	14.49	0.028	7	Pass
10MHz_Low_QPSK_25@12	21.27	14.52	0.028	7	Pass
10MHz_Low_QPSK_25@25	21.33	14.58	0.029	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	21.27	14.52	0.028	7	Pass
10MHz_Low_16QAM_1@0	21.13	14.38	0.027	7	Pass
10MHz_Low_16QAM_1@25	21.36	14.61	0.029	7	Pass
10MHz_Low_16QAM_1@49	21.26	14.51	0.028	7	Pass
10MHz_Low_16QAM_25@0	20.36	13.61	0.023	7	Pass
10MHz_Low_16QAM_25@12	20.35	13.60	0.023	7	Pass
10MHz_Low_16QAM_25@25	20.43	13.68	0.023	7	Pass
10MHz_Low_16QAM_50@0	20.29	13.54	0.023	7	Pass
10MHz_Middle_QPSK_1@0	22.34	15.59	0.036	7	Pass
10MHz_Middle_QPSK_1@25	22.60	15.85	0.038	7	Pass
10MHz_Middle_QPSK_1@49	22.37	15.62	0.036	7	Pass
10MHz_Middle_QPSK_25@0	21.20	14.45	0.028	7	Pass
10MHz_Middle_QPSK_25@12	21.26	14.51	0.028	7	Pass
10MHz_Middle_QPSK_25@25	21.29	14.54	0.028	7	Pass
10MHz_Middle_QPSK_50@0	21.25	14.50	0.028	7	Pass
10MHz_Middle_16QAM_1@0	21.58	14.83	0.030	7	Pass
10MHz_Middle_16QAM_1@25	21.76	15.01	0.032	7	Pass
10MHz_Middle_16QAM_1@49	21.59	14.84	0.030	7	Pass
10MHz_Middle_16QAM_25@0	20.28	13.53	0.023	7	Pass
10MHz_Middle_16QAM_25@12	20.32	13.57	0.023	7	Pass
10MHz_Middle_16QAM_25@25	20.34	13.59	0.023	7	Pass
10MHz_Middle_16QAM_50@0	20.29	13.54	0.023	7	Pass
10MHz_High_QPSK_1@0	22.03	15.28	0.034	7	Pass
10MHz_High_QPSK_1@25	22.18	15.43	0.035	7	Pass
10MHz_High_QPSK_1@49	22.08	15.33	0.034	7	Pass
10MHz_High_QPSK_25@0	21.25	14.50	0.028	7	Pass
10MHz_High_QPSK_25@12	21.25	14.50	0.028	7	Pass
10MHz_High_QPSK_25@25	21.25	14.50	0.028	7	Pass
10MHz_High_QPSK_50@0	21.26	14.51	0.028	7	Pass
10MHz_High_16QAM_1@0	20.94	14.19	0.026	7	Pass
10MHz_High_16QAM_1@25	21.12	14.37	0.027	7	Pass
10MHz_High_16QAM_1@49	20.96	14.21	0.026	7	Pass
10MHz_High_16QAM_25@0	20.39	13.64	0.023	7	Pass
10MHz_High_16QAM_25@12	20.37	13.62	0.023	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	20.34	13.59	0.023	7	Pass
10MHz_High_16QAM_50@0	20.29	13.54	0.023	7	Pass

Note:

ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

Band 5:

1.Antenna Gain = -3.6dBi;

2.Cable Loss = 1dB.

FCC Part 24E

LTE Band 2, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.46	21.36	0.137	2	Pass
1.4MHz_Low_QPSK_1@3	21.61	21.51	0.142	2	Pass
1.4MHz_Low_QPSK_1@5	21.43	21.33	0.136	2	Pass
1.4MHz_Low_QPSK_3@0	21.62	21.52	0.142	2	Pass
1.4MHz_Low_QPSK_3@1	21.58	21.48	0.141	2	Pass
1.4MHz_Low_QPSK_3@3	21.62	21.52	0.142	2	Pass
1.4MHz_Low_QPSK_6@0	20.60	20.50	0.112	2	Pass
1.4MHz_Low_16QAM_1@0	20.36	20.26	0.106	2	Pass
1.4MHz_Low_16QAM_1@3	20.52	20.42	0.110	2	Pass
1.4MHz_Low_16QAM_1@5	20.40	20.30	0.107	2	Pass
1.4MHz_Low_16QAM_3@0	20.75	20.65	0.116	2	Pass
1.4MHz_Low_16QAM_3@1	20.78	20.68	0.117	2	Pass
1.4MHz_Low_16QAM_3@3	20.71	20.61	0.115	2	Pass
1.4MHz_Low_16QAM_6@0	19.75	19.65	0.092	2	Pass
1.4MHz_Middle_QPSK_1@0	21.62	21.52	0.142	2	Pass
1.4MHz_Middle_QPSK_1@3	21.77	21.67	0.147	2	Pass
1.4MHz_Middle_QPSK_1@5	21.59	21.49	0.141	2	Pass
1.4MHz_Middle_QPSK_3@0	21.59	21.49	0.141	2	Pass
1.4MHz_Middle_QPSK_3@1	21.65	21.55	0.143	2	Pass
1.4MHz_Middle_QPSK_3@3	21.55	21.45	0.140	2	Pass
1.4MHz_Middle_QPSK_6@0	20.50	20.40	0.110	2	Pass
1.4MHz_Middle_16QAM_1@0	20.82	20.72	0.118	2	Pass
1.4MHz_Middle_16QAM_1@3	21.04	20.94	0.124	2	Pass
1.4MHz_Middle_16QAM_1@5	20.84	20.74	0.119	2	Pass
1.4MHz_Middle_16QAM_3@0	20.82	20.72	0.118	2	Pass
1.4MHz_Middle_16QAM_3@1	20.88	20.78	0.120	2	Pass
1.4MHz_Middle_16QAM_3@3	20.89	20.79	0.120	2	Pass
1.4MHz_Middle_16QAM_6@0	19.50	19.40	0.087	2	Pass
1.4MHz_High_QPSK_1@0	21.27	21.17	0.131	2	Pass
1.4MHz_High_QPSK_1@3	21.40	21.30	0.135	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	21.06	20.96	0.125	2	Pass
1.4MHz_High_QPSK_3@0	21.12	21.02	0.126	2	Pass
1.4MHz_High_QPSK_3@1	20.96	20.86	0.122	2	Pass
1.4MHz_High_QPSK_3@3	21.03	20.93	0.124	2	Pass
1.4MHz_High_QPSK_6@0	19.98	19.88	0.097	2	Pass
1.4MHz_High_16QAM_1@0	19.82	19.72	0.094	2	Pass
1.4MHz_High_16QAM_1@3	19.88	19.78	0.095	2	Pass
1.4MHz_High_16QAM_1@5	19.74	19.64	0.092	2	Pass
1.4MHz_High_16QAM_3@0	20.07	19.97	0.099	2	Pass
1.4MHz_High_16QAM_3@1	20.13	20.03	0.101	2	Pass
1.4MHz_High_16QAM_3@3	20.10	20.00	0.100	2	Pass
1.4MHz_High_16QAM_6@0	19.19	19.09	0.081	2	Pass
3MHz_Low_QPSK_1@0	21.40	21.30	0.135	2	Pass
3MHz_Low_QPSK_1@8	21.43	21.33	0.136	2	Pass
3MHz_Low_QPSK_1@14	21.42	21.32	0.136	2	Pass
3MHz_Low_QPSK_8@0	20.44	20.34	0.108	2	Pass
3MHz_Low_QPSK_8@4	20.33	20.23	0.105	2	Pass
3MHz_Low_QPSK_8@7	20.19	20.09	0.102	2	Pass
3MHz_Low_QPSK_15@0	20.42	20.32	0.108	2	Pass
3MHz_Low_16QAM_1@0	19.89	19.79	0.095	2	Pass
3MHz_Low_16QAM_1@8	19.85	19.75	0.094	2	Pass
3MHz_Low_16QAM_1@14	19.81	19.71	0.094	2	Pass
3MHz_Low_16QAM_8@0	19.27	19.17	0.083	2	Pass
3MHz_Low_16QAM_8@4	19.08	18.98	0.079	2	Pass
3MHz_Low_16QAM_8@7	19.17	19.07	0.081	2	Pass
3MHz_Low_16QAM_15@0	18.98	18.88	0.077	2	Pass
3MHz_Middle_QPSK_1@0	20.94	20.84	0.121	2	Pass
3MHz_Middle_QPSK_1@8	20.95	20.85	0.122	2	Pass
3MHz_Middle_QPSK_1@14	20.93	20.83	0.121	2	Pass
3MHz_Middle_QPSK_8@0	19.96	19.86	0.097	2	Pass
3MHz_Middle_QPSK_8@4	20.02	19.92	0.098	2	Pass
3MHz_Middle_QPSK_8@7	19.94	19.84	0.096	2	Pass
3MHz_Middle_QPSK_15@0	19.96	19.86	0.097	2	Pass
3MHz_Middle_16QAM_1@0	19.93	19.83	0.096	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	19.95	19.85	0.097	2	Pass
3MHz_Middle_16QAM_1@14	19.90	19.80	0.095	2	Pass
3MHz_Middle_16QAM_8@0	19.04	18.94	0.078	2	Pass
3MHz_Middle_16QAM_8@4	19.08	18.98	0.079	2	Pass
3MHz_Middle_16QAM_8@7	19.01	18.91	0.078	2	Pass
3MHz_Middle_16QAM_15@0	19.02	18.92	0.078	2	Pass
3MHz_High_QPSK_1@0	21.10	21.00	0.126	2	Pass
3MHz_High_QPSK_1@8	21.13	21.03	0.127	2	Pass
3MHz_High_QPSK_1@14	21.13	21.03	0.127	2	Pass
3MHz_High_QPSK_8@0	19.95	19.85	0.097	2	Pass
3MHz_High_QPSK_8@4	20.02	19.92	0.098	2	Pass
3MHz_High_QPSK_8@7	19.96	19.86	0.097	2	Pass
3MHz_High_QPSK_15@0	19.96	19.86	0.097	2	Pass
3MHz_High_16QAM_1@0	20.28	20.18	0.104	2	Pass
3MHz_High_16QAM_1@8	20.32	20.22	0.105	2	Pass
3MHz_High_16QAM_1@14	20.31	20.21	0.105	2	Pass
3MHz_High_16QAM_8@0	19.06	18.96	0.079	2	Pass
3MHz_High_16QAM_8@4	19.14	19.04	0.080	2	Pass
3MHz_High_16QAM_8@7	19.08	18.98	0.079	2	Pass
3MHz_High_16QAM_15@0	18.98	18.88	0.077	2	Pass
5MHz_Low_QPSK_1@0	21.40	21.30	0.135	2	Pass
5MHz_Low_QPSK_1@12	21.29	21.19	0.132	2	Pass
5MHz_Low_QPSK_1@24	20.91	20.81	0.121	2	Pass
5MHz_Low_QPSK_12@0	20.02	19.92	0.098	2	Pass
5MHz_Low_QPSK_12@7	20.13	20.03	0.101	2	Pass
5MHz_Low_QPSK_12@13	20.07	19.97	0.099	2	Pass
5MHz_Low_QPSK_25@0	20.02	19.92	0.098	2	Pass
5MHz_Low_16QAM_1@0	19.99	19.89	0.097	2	Pass
5MHz_Low_16QAM_1@12	20.28	20.18	0.104	2	Pass
5MHz_Low_16QAM_1@24	19.98	19.88	0.097	2	Pass
5MHz_Low_16QAM_12@0	19.10	19.00	0.079	2	Pass
5MHz_Low_16QAM_12@7	19.18	19.08	0.081	2	Pass
5MHz_Low_16QAM_12@13	19.10	19.00	0.079	2	Pass
5MHz_Low_16QAM_25@0	19.02	18.92	0.078	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	20.90	20.80	0.120	2	Pass
5MHz_Middle_QPSK_1@12	21.16	21.06	0.128	2	Pass
5MHz_Middle_QPSK_1@24	20.89	20.79	0.120	2	Pass
5MHz_Middle_QPSK_12@0	19.96	19.86	0.097	2	Pass
5MHz_Middle_QPSK_12@7	20.07	19.97	0.099	2	Pass
5MHz_Middle_QPSK_12@13	20.05	19.95	0.099	2	Pass
5MHz_Middle_QPSK_25@0	19.97	19.87	0.097	2	Pass
5MHz_Middle_16QAM_1@0	19.96	19.86	0.097	2	Pass
5MHz_Middle_16QAM_1@12	20.22	20.12	0.103	2	Pass
5MHz_Middle_16QAM_1@24	19.93	19.83	0.096	2	Pass
5MHz_Middle_16QAM_12@0	19.03	18.93	0.078	2	Pass
5MHz_Middle_16QAM_12@7	19.09	18.99	0.079	2	Pass
5MHz_Middle_16QAM_12@13	19.09	18.99	0.079	2	Pass
5MHz_Middle_16QAM_25@0	19.01	18.91	0.078	2	Pass
5MHz_High_QPSK_1@0	20.80	20.70	0.117	2	Pass
5MHz_High_QPSK_1@12	21.05	20.95	0.124	2	Pass
5MHz_High_QPSK_1@24	20.86	20.76	0.119	2	Pass
5MHz_High_QPSK_12@0	19.93	19.83	0.096	2	Pass
5MHz_High_QPSK_12@7	20.03	19.93	0.098	2	Pass
5MHz_High_QPSK_12@13	20	19.90	0.098	2	Pass
5MHz_High_QPSK_25@0	19.96	19.86	0.097	2	Pass
5MHz_High_16QAM_1@0	20.46	20.36	0.109	2	Pass
5MHz_High_16QAM_1@12	20.70	20.60	0.115	2	Pass
5MHz_High_16QAM_1@24	20.46	20.36	0.109	2	Pass
5MHz_High_16QAM_12@0	19.04	18.94	0.078	2	Pass
5MHz_High_16QAM_12@7	19.14	19.04	0.080	2	Pass
5MHz_High_16QAM_12@13	19.07	18.97	0.079	2	Pass
5MHz_High_16QAM_25@0	19.06	18.96	0.079	2	Pass
10MHz_Low_QPSK_1@0	21.52	21.42	0.139	2	Pass
10MHz_Low_QPSK_1@25	21.14	21.04	0.127	2	Pass
10MHz_Low_QPSK_1@49	21.03	20.93	0.124	2	Pass
10MHz_Low_QPSK_25@0	19.96	19.86	0.097	2	Pass
10MHz_Low_QPSK_25@12	20.04	19.94	0.099	2	Pass
10MHz_Low_QPSK_25@25	20.03	19.93	0.098	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	20	19.90	0.098	2	Pass
10MHz_Low_16QAM_1@0	20.01	19.91	0.098	2	Pass
10MHz_Low_16QAM_1@25	20.13	20.03	0.101	2	Pass
10MHz_Low_16QAM_1@49	20.06	19.96	0.099	2	Pass
10MHz_Low_16QAM_25@0	19.08	18.98	0.079	2	Pass
10MHz_Low_16QAM_25@12	19.17	19.07	0.081	2	Pass
10MHz_Low_16QAM_25@25	19.12	19.02	0.080	2	Pass
10MHz_Low_16QAM_50@0	19.01	18.91	0.078	2	Pass
10MHz_Middle_QPSK_1@0	21.19	21.09	0.129	2	Pass
10MHz_Middle_QPSK_1@25	21.33	21.23	0.133	2	Pass
10MHz_Middle_QPSK_1@49	21.16	21.06	0.128	2	Pass
10MHz_Middle_QPSK_25@0	20.02	19.92	0.098	2	Pass
10MHz_Middle_QPSK_25@12	20.05	19.95	0.099	2	Pass
10MHz_Middle_QPSK_25@25	20.12	20.02	0.100	2	Pass
10MHz_Middle_QPSK_50@0	20.05	19.95	0.099	2	Pass
10MHz_Middle_16QAM_1@0	20.39	20.29	0.107	2	Pass
10MHz_Middle_16QAM_1@25	20.52	20.42	0.110	2	Pass
10MHz_Middle_16QAM_1@49	20.33	20.23	0.105	2	Pass
10MHz_Middle_16QAM_25@0	19.05	18.95	0.079	2	Pass
10MHz_Middle_16QAM_25@12	19.10	19.00	0.079	2	Pass
10MHz_Middle_16QAM_25@25	19.17	19.07	0.081	2	Pass
10MHz_Middle_16QAM_50@0	19.11	19.01	0.080	2	Pass
10MHz_High_QPSK_1@0	20.80	20.70	0.117	2	Pass
10MHz_High_QPSK_1@25	20.98	20.88	0.122	2	Pass
10MHz_High_QPSK_1@49	20.85	20.75	0.119	2	Pass
10MHz_High_QPSK_25@0	20.50	20.40	0.110	2	Pass
10MHz_High_QPSK_25@12	20.46	20.36	0.109	2	Pass
10MHz_High_QPSK_25@25	20.51	20.41	0.110	2	Pass
10MHz_High_QPSK_50@0	20.48	20.38	0.109	2	Pass
10MHz_High_16QAM_1@0	20.39	20.29	0.107	2	Pass
10MHz_High_16QAM_1@25	20.44	20.34	0.108	2	Pass
10MHz_High_16QAM_1@49	20.38	20.28	0.107	2	Pass
10MHz_High_16QAM_25@0	19.60	19.50	0.089	2	Pass
10MHz_High_16QAM_25@12	19.54	19.44	0.088	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	19.60	19.50	0.089	2	Pass
10MHz_High_16QAM_50@0	19.47	19.37	0.086	2	Pass
15MHz_Low_QPSK_1@0	21.43	21.33	0.136	2	Pass
15MHz_Low_QPSK_1@37	21.70	21.60	0.145	2	Pass
15MHz_Low_QPSK_1@74	21.48	21.38	0.137	2	Pass
15MHz_Low_QPSK_36@0	20.42	20.32	0.108	2	Pass
15MHz_Low_QPSK_36@20	20.47	20.37	0.109	2	Pass
15MHz_Low_QPSK_36@39	20.46	20.36	0.109	2	Pass
15MHz_Low_QPSK_75@0	20.44	20.34	0.108	2	Pass
15MHz_Low_16QAM_1@0	20.46	20.36	0.109	2	Pass
15MHz_Low_16QAM_1@37	20.68	20.58	0.114	2	Pass
15MHz_Low_16QAM_1@74	20.51	20.41	0.110	2	Pass
15MHz_Low_16QAM_36@0	19.36	19.26	0.084	2	Pass
15MHz_Low_16QAM_36@20	19.45	19.35	0.086	2	Pass
15MHz_Low_16QAM_36@39	19.40	19.30	0.085	2	Pass
15MHz_Low_16QAM_75@0	19.44	19.34	0.086	2	Pass
15MHz_Middle_QPSK_1@0	21.31	21.21	0.132	2	Pass
15MHz_Middle_QPSK_1@37	21.52	21.42	0.139	2	Pass
15MHz_Middle_QPSK_1@74	21.25	21.15	0.130	2	Pass
15MHz_Middle_QPSK_36@0	20.41	20.31	0.107	2	Pass
15MHz_Middle_QPSK_36@20	20.44	20.34	0.108	2	Pass
15MHz_Middle_QPSK_36@39	20.49	20.39	0.109	2	Pass
15MHz_Middle_QPSK_75@0	20.43	20.33	0.108	2	Pass
15MHz_Middle_16QAM_1@0	20.28	20.18	0.104	2	Pass
15MHz_Middle_16QAM_1@37	20.48	20.38	0.109	2	Pass
15MHz_Middle_16QAM_1@74	20.21	20.11	0.103	2	Pass
15MHz_Middle_16QAM_36@0	19.41	19.31	0.085	2	Pass
15MHz_Middle_16QAM_36@20	19.47	19.37	0.086	2	Pass
15MHz_Middle_16QAM_36@39	19.43	19.33	0.086	2	Pass
15MHz_Middle_16QAM_75@0	19.43	19.33	0.086	2	Pass
15MHz_High_QPSK_1@0	21.43	21.33	0.136	2	Pass
15MHz_High_QPSK_1@37	21.61	21.51	0.142	2	Pass
15MHz_High_QPSK_1@74	21.47	21.37	0.137	2	Pass
15MHz_High_QPSK_36@0	20.47	20.37	0.109	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	20.40	20.30	0.107	2	Pass
15MHz_High_QPSK_36@39	20.43	20.33	0.108	2	Pass
15MHz_High_QPSK_75@0	20.42	20.32	0.108	2	Pass
15MHz_High_16QAM_1@0	20.64	20.54	0.113	2	Pass
15MHz_High_16QAM_1@37	20.87	20.77	0.119	2	Pass
15MHz_High_16QAM_1@74	20.67	20.57	0.114	2	Pass
15MHz_High_16QAM_36@0	19.48	19.38	0.087	2	Pass
15MHz_High_16QAM_36@20	19.42	19.32	0.086	2	Pass
15MHz_High_16QAM_36@39	19.46	19.36	0.086	2	Pass
15MHz_High_16QAM_75@0	19.44	19.34	0.086	2	Pass
20MHz_Low_QPSK_1@0	21.14	21.04	0.127	2	Pass
20MHz_Low_QPSK_1@49	21.43	21.33	0.136	2	Pass
20MHz_Low_QPSK_1@99	21.24	21.14	0.130	2	Pass
20MHz_Low_QPSK_50@0	20.38	20.28	0.107	2	Pass
20MHz_Low_QPSK_50@24	20.43	20.33	0.108	2	Pass
20MHz_Low_QPSK_50@50	20.35	20.25	0.106	2	Pass
20MHz_Low_QPSK_100@0	20.37	20.27	0.106	2	Pass
20MHz_Low_16QAM_1@0	20.80	20.70	0.117	2	Pass
20MHz_Low_16QAM_1@49	21.13	21.03	0.127	2	Pass
20MHz_Low_16QAM_1@99	20.85	20.75	0.119	2	Pass
20MHz_Low_16QAM_50@0	19.36	19.26	0.084	2	Pass
20MHz_Low_16QAM_50@24	19.48	19.38	0.087	2	Pass
20MHz_Low_16QAM_50@50	19.36	19.26	0.084	2	Pass
20MHz_Low_16QAM_100@0	19.38	19.28	0.085	2	Pass
20MHz_Middle_QPSK_1@0	21.08	20.98	0.125	2	Pass
20MHz_Middle_QPSK_1@49	21.36	21.26	0.134	2	Pass
20MHz_Middle_QPSK_1@99	20.80	20.70	0.117	2	Pass
20MHz_Middle_QPSK_50@0	20.27	20.17	0.104	2	Pass
20MHz_Middle_QPSK_50@24	19.92	19.82	0.096	2	Pass
20MHz_Middle_QPSK_50@50	20.22	20.12	0.103	2	Pass
20MHz_Middle_QPSK_100@0	20.40	20.30	0.107	2	Pass
20MHz_Middle_16QAM_1@0	19.99	19.89	0.097	2	Pass
20MHz_Middle_16QAM_1@49	20.26	20.16	0.104	2	Pass
20MHz_Middle_16QAM_1@99	19.93	19.83	0.096	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	18.86	18.76	0.075	2	Pass
20MHz_Middle_16QAM_50@24	19.05	18.95	0.079	2	Pass
20MHz_Middle_16QAM_50@50	19.29	19.19	0.083	2	Pass
20MHz_Middle_16QAM_100@0	19.01	18.91	0.078	2	Pass
20MHz_High_QPSK_1@0	20.47	20.37	0.109	2	Pass
20MHz_High_QPSK_1@49	20.80	20.70	0.117	2	Pass
20MHz_High_QPSK_1@99	20.50	20.40	0.110	2	Pass
20MHz_High_QPSK_50@0	19.95	19.85	0.097	2	Pass
20MHz_High_QPSK_50@24	19.89	19.79	0.095	2	Pass
20MHz_High_QPSK_50@50	19.83	19.73	0.094	2	Pass
20MHz_High_QPSK_100@0	19.93	19.83	0.096	2	Pass
20MHz_High_16QAM_1@0	19.81	19.71	0.094	2	Pass
20MHz_High_16QAM_1@49	20.17	20.07	0.102	2	Pass
20MHz_High_16QAM_1@99	19.90	19.80	0.095	2	Pass
20MHz_High_16QAM_50@0	18.92	18.82	0.076	2	Pass
20MHz_High_16QAM_50@24	18.84	18.74	0.075	2	Pass
20MHz_High_16QAM_50@50	18.83	18.73	0.075	2	Pass
20MHz_High_16QAM_100@0	18.98	18.88	0.077	2	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 2:

1.Antenna Gain = 0.9dBi;

2.Cable Loss = 1dB.

FCC Part 27

LTE Band 4, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.38	23.08	0.203	1	Pass
1.4MHz_Low_QPSK_1@3	21.08	22.78	0.190	1	Pass
1.4MHz_Low_QPSK_1@5	20.87	22.57	0.181	1	Pass
1.4MHz_Low_QPSK_3@0	21.07	22.77	0.189	1	Pass
1.4MHz_Low_QPSK_3@1	21.12	22.82	0.191	1	Pass
1.4MHz_Low_QPSK_3@3	21.10	22.80	0.191	1	Pass
1.4MHz_Low_QPSK_6@0	20.04	21.74	0.149	1	Pass
1.4MHz_Low_16QAM_1@0	19.85	21.55	0.143	1	Pass
1.4MHz_Low_16QAM_1@3	20.02	21.72	0.149	1	Pass
1.4MHz_Low_16QAM_1@5	19.84	21.54	0.143	1	Pass
1.4MHz_Low_16QAM_3@0	20.25	21.95	0.157	1	Pass
1.4MHz_Low_16QAM_3@1	20.29	21.99	0.158	1	Pass
1.4MHz_Low_16QAM_3@3	20.25	21.95	0.157	1	Pass
1.4MHz_Low_16QAM_6@0	19.25	20.95	0.124	1	Pass
1.4MHz_Middle_QPSK_1@0	21.21	22.91	0.195	1	Pass
1.4MHz_Middle_QPSK_1@3	21.31	23.01	0.200	1	Pass
1.4MHz_Middle_QPSK_1@5	21.15	22.85	0.193	1	Pass
1.4MHz_Middle_QPSK_3@0	21.13	22.83	0.192	1	Pass
1.4MHz_Middle_QPSK_3@1	21.16	22.86	0.193	1	Pass
1.4MHz_Middle_QPSK_3@3	21.15	22.85	0.193	1	Pass
1.4MHz_Middle_QPSK_6@0	20.05	21.75	0.150	1	Pass
1.4MHz_Middle_16QAM_1@0	20.42	22.12	0.163	1	Pass
1.4MHz_Middle_16QAM_1@3	20.60	22.30	0.170	1	Pass
1.4MHz_Middle_16QAM_1@5	20.43	22.13	0.163	1	Pass
1.4MHz_Middle_16QAM_3@0	20.44	22.14	0.164	1	Pass
1.4MHz_Middle_16QAM_3@1	20.50	22.20	0.166	1	Pass
1.4MHz_Middle_16QAM_3@3	20.49	22.19	0.166	1	Pass
1.4MHz_Middle_16QAM_6@0	19.02	20.72	0.118	1	Pass
1.4MHz_High_QPSK_1@0	20.83	22.53	0.179	1	Pass
1.4MHz_High_QPSK_1@3	20.97	22.67	0.185	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	20.84	22.54	0.179	1	Pass
1.4MHz_High_QPSK_3@0	20.97	22.67	0.185	1	Pass
1.4MHz_High_QPSK_3@1	21.06	22.76	0.189	1	Pass
1.4MHz_High_QPSK_3@3	21.02	22.72	0.187	1	Pass
1.4MHz_High_QPSK_6@0	20.02	21.72	0.149	1	Pass
1.4MHz_High_16QAM_1@0	19.76	21.46	0.140	1	Pass
1.4MHz_High_16QAM_1@3	19.97	21.67	0.147	1	Pass
1.4MHz_High_16QAM_1@5	19.78	21.48	0.141	1	Pass
1.4MHz_High_16QAM_3@0	20.17	21.87	0.154	1	Pass
1.4MHz_High_16QAM_3@1	20.25	21.95	0.157	1	Pass
1.4MHz_High_16QAM_3@3	20.19	21.89	0.155	1	Pass
1.4MHz_High_16QAM_6@0	19.24	20.94	0.124	1	Pass
3MHz_Low_QPSK_1@0	21.10	22.80	0.191	1	Pass
3MHz_Low_QPSK_1@8	20.93	22.63	0.183	1	Pass
3MHz_Low_QPSK_1@14	20.94	22.64	0.184	1	Pass
3MHz_Low_QPSK_8@0	20.03	21.73	0.149	1	Pass
3MHz_Low_QPSK_8@4	20.06	21.76	0.150	1	Pass
3MHz_Low_QPSK_8@7	20.01	21.71	0.148	1	Pass
3MHz_Low_QPSK_15@0	20.03	21.73	0.149	1	Pass
3MHz_Low_16QAM_1@0	19.87	21.57	0.144	1	Pass
3MHz_Low_16QAM_1@8	19.84	21.54	0.143	1	Pass
3MHz_Low_16QAM_1@14	19.83	21.53	0.142	1	Pass
3MHz_Low_16QAM_8@0	19.02	20.72	0.118	1	Pass
3MHz_Low_16QAM_8@4	19.05	20.75	0.119	1	Pass
3MHz_Low_16QAM_8@7	19	20.70	0.117	1	Pass
3MHz_Low_16QAM_15@0	19	20.70	0.117	1	Pass
3MHz_Middle_QPSK_1@0	20.99	22.69	0.186	1	Pass
3MHz_Middle_QPSK_1@8	20.99	22.69	0.186	1	Pass
3MHz_Middle_QPSK_1@14	21.01	22.71	0.187	1	Pass
3MHz_Middle_QPSK_8@0	20.05	21.75	0.150	1	Pass
3MHz_Middle_QPSK_8@4	20.08	21.78	0.151	1	Pass
3MHz_Middle_QPSK_8@7	20.06	21.76	0.150	1	Pass
3MHz_Middle_QPSK_15@0	20.04	21.74	0.149	1	Pass
3MHz_Middle_16QAM_1@0	20.03	21.73	0.149	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	20.03	21.73	0.149	1	Pass
3MHz_Middle_16QAM_1@14	20.04	21.74	0.149	1	Pass
3MHz_Middle_16QAM_8@0	19.14	20.84	0.121	1	Pass
3MHz_Middle_16QAM_8@4	19.18	20.88	0.122	1	Pass
3MHz_Middle_16QAM_8@7	19.13	20.83	0.121	1	Pass
3MHz_Middle_16QAM_15@0	19.15	20.85	0.122	1	Pass
3MHz_High_QPSK_1@0	21.16	22.86	0.193	1	Pass
3MHz_High_QPSK_1@8	21.17	22.87	0.194	1	Pass
3MHz_High_QPSK_1@14	21.19	22.89	0.195	1	Pass
3MHz_High_QPSK_8@0	20.06	21.76	0.150	1	Pass
3MHz_High_QPSK_8@4	20.09	21.79	0.151	1	Pass
3MHz_High_QPSK_8@7	20.03	21.73	0.149	1	Pass
3MHz_High_QPSK_15@0	20.06	21.76	0.150	1	Pass
3MHz_High_16QAM_1@0	20.42	22.12	0.163	1	Pass
3MHz_High_16QAM_1@8	20.40	22.10	0.162	1	Pass
3MHz_High_16QAM_1@14	20.42	22.12	0.163	1	Pass
3MHz_High_16QAM_8@0	19.19	20.89	0.123	1	Pass
3MHz_High_16QAM_8@4	19.21	20.91	0.123	1	Pass
3MHz_High_16QAM_8@7	19.15	20.85	0.122	1	Pass
3MHz_High_16QAM_15@0	19.12	20.82	0.121	1	Pass
5MHz_Low_QPSK_1@0	21.01	22.71	0.187	1	Pass
5MHz_Low_QPSK_1@12	21.18	22.88	0.194	1	Pass
5MHz_Low_QPSK_1@24	20.93	22.63	0.183	1	Pass
5MHz_Low_QPSK_12@0	20.07	21.77	0.150	1	Pass
5MHz_Low_QPSK_12@7	20.11	21.81	0.152	1	Pass
5MHz_Low_QPSK_12@13	20.03	21.73	0.149	1	Pass
5MHz_Low_QPSK_25@0	20.03	21.73	0.149	1	Pass
5MHz_Low_16QAM_1@0	20.57	22.27	0.169	1	Pass
5MHz_Low_16QAM_1@12	20.88	22.58	0.181	1	Pass
5MHz_Low_16QAM_1@24	20.62	22.32	0.171	1	Pass
5MHz_Low_16QAM_12@0	19.16	20.86	0.122	1	Pass
5MHz_Low_16QAM_12@7	19.23	20.93	0.124	1	Pass
5MHz_Low_16QAM_12@13	19.12	20.82	0.121	1	Pass
5MHz_Low_16QAM_25@0	19.14	20.84	0.121	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	20.92	22.62	0.183	1	Pass
5MHz_Middle_QPSK_1@12	21.19	22.89	0.195	1	Pass
5MHz_Middle_QPSK_1@24	20.93	22.63	0.183	1	Pass
5MHz_Middle_QPSK_12@0	20.03	21.73	0.149	1	Pass
5MHz_Middle_QPSK_12@7	20.15	21.85	0.153	1	Pass
5MHz_Middle_QPSK_12@13	20.11	21.81	0.152	1	Pass
5MHz_Middle_QPSK_25@0	20.08	21.78	0.151	1	Pass
5MHz_Middle_16QAM_1@0	20.06	21.76	0.150	1	Pass
5MHz_Middle_16QAM_1@12	20.29	21.99	0.158	1	Pass
5MHz_Middle_16QAM_1@24	20.03	21.73	0.149	1	Pass
5MHz_Middle_16QAM_12@0	19.15	20.85	0.122	1	Pass
5MHz_Middle_16QAM_12@7	19.24	20.94	0.124	1	Pass
5MHz_Middle_16QAM_12@13	19.19	20.89	0.123	1	Pass
5MHz_Middle_16QAM_25@0	19.12	20.82	0.121	1	Pass
5MHz_High_QPSK_1@0	20.97	22.67	0.185	1	Pass
5MHz_High_QPSK_1@12	21.24	22.94	0.197	1	Pass
5MHz_High_QPSK_1@24	20.97	22.67	0.185	1	Pass
5MHz_High_QPSK_12@0	20.02	21.72	0.149	1	Pass
5MHz_High_QPSK_12@7	20.16	21.86	0.153	1	Pass
5MHz_High_QPSK_12@13	20.07	21.77	0.150	1	Pass
5MHz_High_QPSK_25@0	20.06	21.76	0.150	1	Pass
5MHz_High_16QAM_1@0	20.10	21.80	0.151	1	Pass
5MHz_High_16QAM_1@12	20.29	21.99	0.158	1	Pass
5MHz_High_16QAM_1@24	20.03	21.73	0.149	1	Pass
5MHz_High_16QAM_12@0	19.15	20.85	0.122	1	Pass
5MHz_High_16QAM_12@7	19.19	20.89	0.123	1	Pass
5MHz_High_16QAM_12@13	19.12	20.82	0.121	1	Pass
5MHz_High_16QAM_25@0	19.10	20.80	0.120	1	Pass
10MHz_Low_QPSK_1@0	20.94	22.64	0.184	1	Pass
10MHz_Low_QPSK_1@25	21.08	22.78	0.190	1	Pass
10MHz_Low_QPSK_1@49	21.02	22.72	0.187	1	Pass
10MHz_Low_QPSK_25@0	20.14	21.84	0.153	1	Pass
10MHz_Low_QPSK_25@12	20.14	21.84	0.153	1	Pass
10MHz_Low_QPSK_25@25	20.06	21.76	0.150	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	20.11	21.81	0.152	1	Pass
10MHz_Low_16QAM_1@0	19.84	21.54	0.143	1	Pass
10MHz_Low_16QAM_1@25	20.07	21.77	0.150	1	Pass
10MHz_Low_16QAM_1@49	19.93	21.63	0.146	1	Pass
10MHz_Low_16QAM_25@0	19.26	20.96	0.125	1	Pass
10MHz_Low_16QAM_25@12	19.27	20.97	0.125	1	Pass
10MHz_Low_16QAM_25@25	19.26	20.96	0.125	1	Pass
10MHz_Low_16QAM_50@0	19.18	20.88	0.122	1	Pass
10MHz_Middle_QPSK_1@0	21.05	22.75	0.188	1	Pass
10MHz_Middle_QPSK_1@25	21.24	22.94	0.197	1	Pass
10MHz_Middle_QPSK_1@49	21.04	22.74	0.188	1	Pass
10MHz_Middle_QPSK_25@0	20.16	21.86	0.153	1	Pass
10MHz_Middle_QPSK_25@12	20.17	21.87	0.154	1	Pass
10MHz_Middle_QPSK_25@25	20.21	21.91	0.155	1	Pass
10MHz_Middle_QPSK_50@0	20.22	21.92	0.156	1	Pass
10MHz_Middle_16QAM_1@0	20.09	21.79	0.151	1	Pass
10MHz_Middle_16QAM_1@25	20.23	21.93	0.156	1	Pass
10MHz_Middle_16QAM_1@49	20.14	21.84	0.153	1	Pass
10MHz_Middle_16QAM_25@0	19.32	21.02	0.126	1	Pass
10MHz_Middle_16QAM_25@12	19.30	21.00	0.126	1	Pass
10MHz_Middle_16QAM_25@25	19.35	21.05	0.127	1	Pass
10MHz_Middle_16QAM_50@0	19.23	20.93	0.124	1	Pass
10MHz_High_QPSK_1@0	21.22	22.92	0.196	1	Pass
10MHz_High_QPSK_1@25	21.42	23.12	0.205	1	Pass
10MHz_High_QPSK_1@49	21.22	22.92	0.196	1	Pass
10MHz_High_QPSK_25@0	20.07	21.77	0.150	1	Pass
10MHz_High_QPSK_25@12	20.14	21.84	0.153	1	Pass
10MHz_High_QPSK_25@25	20.15	21.85	0.153	1	Pass
10MHz_High_QPSK_50@0	20.11	21.81	0.152	1	Pass
10MHz_High_16QAM_1@0	20.45	22.15	0.164	1	Pass
10MHz_High_16QAM_1@25	20.65	22.35	0.172	1	Pass
10MHz_High_16QAM_1@49	20.47	22.17	0.165	1	Pass
10MHz_High_16QAM_25@0	19.11	20.81	0.121	1	Pass
10MHz_High_16QAM_25@12	19.18	20.88	0.122	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	19.19	20.89	0.123	1	Pass
10MHz_High_16QAM_50@0	19.11	20.81	0.121	1	Pass
15MHz_Low_QPSK_1@0	21.15	22.85	0.193	1	Pass
15MHz_Low_QPSK_1@37	21.44	23.14	0.206	1	Pass
15MHz_Low_QPSK_1@74	21.27	22.97	0.198	1	Pass
15MHz_Low_QPSK_36@0	20.16	21.86	0.153	1	Pass
15MHz_Low_QPSK_36@20	20.13	21.83	0.152	1	Pass
15MHz_Low_QPSK_36@39	20.14	21.84	0.153	1	Pass
15MHz_Low_QPSK_75@0	20.15	21.85	0.153	1	Pass
15MHz_Low_16QAM_1@0	20.39	22.09	0.162	1	Pass
15MHz_Low_16QAM_1@37	20.67	22.37	0.173	1	Pass
15MHz_Low_16QAM_1@74	20.50	22.20	0.166	1	Pass
15MHz_Low_16QAM_36@0	19.20	20.90	0.123	1	Pass
15MHz_Low_16QAM_36@20	19.17	20.87	0.122	1	Pass
15MHz_Low_16QAM_36@39	19.16	20.86	0.122	1	Pass
15MHz_Low_16QAM_75@0	19.13	20.83	0.121	1	Pass
15MHz_Middle_QPSK_1@0	21.02	22.72	0.187	1	Pass
15MHz_Middle_QPSK_1@37	21.28	22.98	0.199	1	Pass
15MHz_Middle_QPSK_1@74	21.04	22.74	0.188	1	Pass
15MHz_Middle_QPSK_36@0	20.13	21.83	0.152	1	Pass
15MHz_Middle_QPSK_36@20	20.14	21.84	0.153	1	Pass
15MHz_Middle_QPSK_36@39	20.19	21.89	0.155	1	Pass
15MHz_Middle_QPSK_75@0	20.12	21.82	0.152	1	Pass
15MHz_Middle_16QAM_1@0	20.13	21.83	0.152	1	Pass
15MHz_Middle_16QAM_1@37	20.37	22.07	0.161	1	Pass
15MHz_Middle_16QAM_1@74	20.20	21.90	0.155	1	Pass
15MHz_Middle_16QAM_36@0	19.10	20.80	0.120	1	Pass
15MHz_Middle_16QAM_36@20	19.13	20.83	0.121	1	Pass
15MHz_Middle_16QAM_36@39	19.14	20.84	0.121	1	Pass
15MHz_Middle_16QAM_75@0	19.13	20.83	0.121	1	Pass
15MHz_High_QPSK_1@0	20.90	22.60	0.182	1	Pass
15MHz_High_QPSK_1@37	21.13	22.83	0.192	1	Pass
15MHz_High_QPSK_1@74	20.91	22.61	0.182	1	Pass
15MHz_High_QPSK_36@0	20.03	21.73	0.149	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	20.10	21.80	0.151	1	Pass
15MHz_High_QPSK_36@39	20.16	21.86	0.153	1	Pass
15MHz_High_QPSK_75@0	20.07	21.77	0.150	1	Pass
15MHz_High_16QAM_1@0	19.94	21.64	0.146	1	Pass
15MHz_High_16QAM_1@37	20.16	21.86	0.153	1	Pass
15MHz_High_16QAM_1@74	19.97	21.67	0.147	1	Pass
15MHz_High_16QAM_36@0	19.03	20.73	0.118	1	Pass
15MHz_High_16QAM_36@20	19.08	20.78	0.120	1	Pass
15MHz_High_16QAM_36@39	19.15	20.85	0.122	1	Pass
15MHz_High_16QAM_75@0	19.07	20.77	0.119	1	Pass
20MHz_Low_QPSK_1@0	20.71	22.41	0.174	1	Pass
20MHz_Low_QPSK_1@49	21.10	22.80	0.191	1	Pass
20MHz_Low_QPSK_1@99	20.87	22.57	0.181	1	Pass
20MHz_Low_QPSK_50@0	20.15	21.85	0.153	1	Pass
20MHz_Low_QPSK_50@24	20.11	21.81	0.152	1	Pass
20MHz_Low_QPSK_50@50	20.08	21.78	0.151	1	Pass
20MHz_Low_QPSK_100@0	20.18	21.88	0.154	1	Pass
20MHz_Low_16QAM_1@0	20.42	22.12	0.163	1	Pass
20MHz_Low_16QAM_1@49	20.84	22.54	0.179	1	Pass
20MHz_Low_16QAM_1@99	20.60	22.30	0.170	1	Pass
20MHz_Low_16QAM_50@0	19.21	20.91	0.123	1	Pass
20MHz_Low_16QAM_50@24	19.15	20.85	0.122	1	Pass
20MHz_Low_16QAM_50@50	19.15	20.85	0.122	1	Pass
20MHz_Low_16QAM_100@0	19.18	20.88	0.122	1	Pass
20MHz_Middle_QPSK_1@0	20.71	22.41	0.174	1	Pass
20MHz_Middle_QPSK_1@49	21.11	22.81	0.191	1	Pass
20MHz_Middle_QPSK_1@99	20.82	22.52	0.179	1	Pass
20MHz_Middle_QPSK_50@0	20.10	21.80	0.151	1	Pass
20MHz_Middle_QPSK_50@24	20.12	21.82	0.152	1	Pass
20MHz_Middle_QPSK_50@50	20.17	21.87	0.154	1	Pass
20MHz_Middle_QPSK_100@0	20.17	21.87	0.154	1	Pass
20MHz_Middle_16QAM_1@0	20.12	21.82	0.152	1	Pass
20MHz_Middle_16QAM_1@49	20.51	22.21	0.166	1	Pass
20MHz_Middle_16QAM_1@99	20.25	21.95	0.157	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	19.18	20.88	0.122	1	Pass
20MHz_Middle_16QAM_50@24	19.17	20.87	0.122	1	Pass
20MHz_Middle_16QAM_50@50	19.22	20.92	0.124	1	Pass
20MHz_Middle_16QAM_100@0	19.18	20.88	0.122	1	Pass
20MHz_High_QPSK_1@0	20.57	22.27	0.169	1	Pass
20MHz_High_QPSK_1@49	20.98	22.68	0.185	1	Pass
20MHz_High_QPSK_1@99	20.65	22.35	0.172	1	Pass
20MHz_High_QPSK_50@0	19.97	21.67	0.147	1	Pass
20MHz_High_QPSK_50@24	20.07	21.77	0.150	1	Pass
20MHz_High_QPSK_50@50	20.11	21.81	0.152	1	Pass
20MHz_High_QPSK_100@0	20.08	21.78	0.151	1	Pass
20MHz_High_16QAM_1@0	20.07	21.77	0.150	1	Pass
20MHz_High_16QAM_1@49	20.40	22.10	0.162	1	Pass
20MHz_High_16QAM_1@99	20.11	21.81	0.152	1	Pass
20MHz_High_16QAM_50@0	18.93	20.63	0.116	1	Pass
20MHz_High_16QAM_50@24	19.05	20.75	0.119	1	Pass
20MHz_High_16QAM_50@50	19.13	20.83	0.121	1	Pass
20MHz_High_16QAM_100@0	19.11	20.81	0.121	1	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 4:

1.Antenna Gain = 2.7dBi;

2.Cable Loss = 1dB.

LTE Band 12, Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.92	15.27	0.034	3	Pass
1.4MHz_Low_QPSK_1@3	22.12	15.47	0.035	3	Pass
1.4MHz_Low_QPSK_1@5	21.94	15.29	0.034	3	Pass
1.4MHz_Low_QPSK_3@0	22.06	15.41	0.035	3	Pass
1.4MHz_Low_QPSK_3@1	22.11	15.46	0.035	3	Pass
1.4MHz_Low_QPSK_3@3	22.11	15.46	0.035	3	Pass
1.4MHz_Low_QPSK_6@0	21.03	14.38	0.027	3	Pass
1.4MHz_Low_16QAM_1@0	20.80	14.15	0.026	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_1@3	21.03	14.38	0.027	3	Pass
1.4MHz_Low_16QAM_1@5	20.87	14.22	0.026	3	Pass
1.4MHz_Low_16QAM_3@0	21.23	14.58	0.029	3	Pass
1.4MHz_Low_16QAM_3@1	21.27	14.62	0.029	3	Pass
1.4MHz_Low_16QAM_3@3	21.28	14.63	0.029	3	Pass
1.4MHz_Low_16QAM_6@0	20.26	13.61	0.023	3	Pass
1.4MHz_Middle_QPSK_1@0	21.96	15.31	0.034	3	Pass
1.4MHz_Middle_QPSK_1@3	22.26	15.61	0.036	3	Pass
1.4MHz_Middle_QPSK_1@5	22.19	15.54	0.036	3	Pass
1.4MHz_Middle_QPSK_3@0	22.07	15.42	0.035	3	Pass
1.4MHz_Middle_QPSK_3@1	22.11	15.46	0.035	3	Pass
1.4MHz_Middle_QPSK_3@3	22.05	15.40	0.035	3	Pass
1.4MHz_Middle_QPSK_6@0	20.98	14.33	0.027	3	Pass
1.4MHz_Middle_16QAM_1@0	21.37	14.72	0.030	3	Pass
1.4MHz_Middle_16QAM_1@3	21.54	14.89	0.031	3	Pass
1.4MHz_Middle_16QAM_1@5	21.40	14.75	0.030	3	Pass
1.4MHz_Middle_16QAM_3@0	21.37	14.72	0.030	3	Pass
1.4MHz_Middle_16QAM_3@1	21.39	14.74	0.030	3	Pass
1.4MHz_Middle_16QAM_3@3	21.35	14.70	0.030	3	Pass
1.4MHz_Middle_16QAM_6@0	19.98	13.33	0.022	3	Pass
1.4MHz_High_QPSK_1@0	21.83	15.18	0.033	3	Pass
1.4MHz_High_QPSK_1@3	21.98	15.33	0.034	3	Pass
1.4MHz_High_QPSK_1@5	21.83	15.18	0.033	3	Pass
1.4MHz_High_QPSK_3@0	21.96	15.31	0.034	3	Pass
1.4MHz_High_QPSK_3@1	22.01	15.36	0.034	3	Pass
1.4MHz_High_QPSK_3@3	22	15.35	0.034	3	Pass
1.4MHz_High_QPSK_6@0	21.05	14.40	0.028	3	Pass
1.4MHz_High_16QAM_1@0	20.75	14.10	0.026	3	Pass
1.4MHz_High_16QAM_1@3	20.93	14.28	0.027	3	Pass
1.4MHz_High_16QAM_1@5	20.75	14.10	0.026	3	Pass
1.4MHz_High_16QAM_3@0	21.11	14.46	0.028	3	Pass
1.4MHz_High_16QAM_3@1	21.19	14.54	0.028	3	Pass
1.4MHz_High_16QAM_3@3	21.13	14.48	0.028	3	Pass
1.4MHz_High_16QAM_6@0	20.18	13.53	0.023	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_1@0	22.51	15.86	0.039	3	Pass
3MHz_Low_QPSK_1@8	22.07	15.42	0.035	3	Pass
3MHz_Low_QPSK_1@14	22.46	15.81	0.038	3	Pass
3MHz_Low_QPSK_8@0	21.06	14.41	0.028	3	Pass
3MHz_Low_QPSK_8@4	21.12	14.47	0.028	3	Pass
3MHz_Low_QPSK_8@7	21.07	14.42	0.028	3	Pass
3MHz_Low_QPSK_15@0	21.08	14.43	0.028	3	Pass
3MHz_Low_16QAM_1@0	21.04	14.39	0.027	3	Pass
3MHz_Low_16QAM_1@8	21	14.35	0.027	3	Pass
3MHz_Low_16QAM_1@14	21.02	14.37	0.027	3	Pass
3MHz_Low_16QAM_8@0	20.11	13.46	0.022	3	Pass
3MHz_Low_16QAM_8@4	20.17	13.52	0.022	3	Pass
3MHz_Low_16QAM_8@7	20.08	13.43	0.022	3	Pass
3MHz_Low_16QAM_15@0	20.12	13.47	0.022	3	Pass
3MHz_Middle_QPSK_1@0	22.18	15.53	0.036	3	Pass
3MHz_Middle_QPSK_1@8	22.21	15.56	0.036	3	Pass
3MHz_Middle_QPSK_1@14	22.22	15.57	0.036	3	Pass
3MHz_Middle_QPSK_8@0	20.98	14.33	0.027	3	Pass
3MHz_Middle_QPSK_8@4	21.04	14.39	0.027	3	Pass
3MHz_Middle_QPSK_8@7	21.01	14.36	0.027	3	Pass
3MHz_Middle_QPSK_15@0	21.03	14.38	0.027	3	Pass
3MHz_Middle_16QAM_1@0	21.39	14.74	0.030	3	Pass
3MHz_Middle_16QAM_1@8	21.42	14.77	0.030	3	Pass
3MHz_Middle_16QAM_1@14	21.43	14.78	0.030	3	Pass
3MHz_Middle_16QAM_8@0	20.11	13.46	0.022	3	Pass
3MHz_Middle_16QAM_8@4	20.21	13.56	0.023	3	Pass
3MHz_Middle_16QAM_8@7	20.15	13.50	0.022	3	Pass
3MHz_Middle_16QAM_15@0	20.07	13.42	0.022	3	Pass
3MHz_High_QPSK_1@0	21.85	15.20	0.033	3	Pass
3MHz_High_QPSK_1@8	21.85	15.20	0.033	3	Pass
3MHz_High_QPSK_1@14	21.89	15.24	0.033	3	Pass
3MHz_High_QPSK_8@0	21.01	14.36	0.027	3	Pass
3MHz_High_QPSK_8@4	21.04	14.39	0.027	3	Pass
3MHz_High_QPSK_8@7	21	14.35	0.027	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_High_QPSK_15@0	20.97	14.32	0.027	3	Pass
3MHz_High_16QAM_1@0	20.81	14.16	0.026	3	Pass
3MHz_High_16QAM_1@8	20.76	14.11	0.026	3	Pass
3MHz_High_16QAM_1@14	20.75	14.10	0.026	3	Pass
3MHz_High_16QAM_8@0	19.96	13.31	0.021	3	Pass
3MHz_High_16QAM_8@4	20.03	13.38	0.022	3	Pass
3MHz_High_16QAM_8@7	20.05	13.40	0.022	3	Pass
3MHz_High_16QAM_15@0	19.99	13.34	0.022	3	Pass
5MHz_Low_QPSK_1@0	22.50	15.85	0.038	3	Pass
5MHz_Low_QPSK_1@12	22.22	15.57	0.036	3	Pass
5MHz_Low_QPSK_1@24	22	15.35	0.034	3	Pass
5MHz_Low_QPSK_12@0	21.10	14.45	0.028	3	Pass
5MHz_Low_QPSK_12@7	21.10	14.45	0.028	3	Pass
5MHz_Low_QPSK_12@13	21.11	14.46	0.028	3	Pass
5MHz_Low_QPSK_25@0	21.06	14.41	0.028	3	Pass
5MHz_Low_16QAM_1@0	21	14.35	0.027	3	Pass
5MHz_Low_16QAM_1@12	21.26	14.61	0.029	3	Pass
5MHz_Low_16QAM_1@24	21.07	14.42	0.028	3	Pass
5MHz_Low_16QAM_12@0	20.14	13.49	0.022	3	Pass
5MHz_Low_16QAM_12@7	20.13	13.48	0.022	3	Pass
5MHz_Low_16QAM_12@13	20.07	13.42	0.022	3	Pass
5MHz_Low_16QAM_25@0	20.09	13.44	0.022	3	Pass
5MHz_Middle_QPSK_1@0	21.92	15.27	0.034	3	Pass
5MHz_Middle_QPSK_1@12	22.15	15.50	0.035	3	Pass
5MHz_Middle_QPSK_1@24	21.91	15.26	0.034	3	Pass
5MHz_Middle_QPSK_12@0	21.02	14.37	0.027	3	Pass
5MHz_Middle_QPSK_12@7	21.10	14.45	0.028	3	Pass
5MHz_Middle_QPSK_12@13	21.08	14.43	0.028	3	Pass
5MHz_Middle_QPSK_25@0	21.05	14.40	0.028	3	Pass
5MHz_Middle_16QAM_1@0	21.56	14.91	0.031	3	Pass
5MHz_Middle_16QAM_1@12	21.80	15.15	0.033	3	Pass
5MHz_Middle_16QAM_1@24	21.53	14.88	0.031	3	Pass
5MHz_Middle_16QAM_12@0	20.12	13.47	0.022	3	Pass
5MHz_Middle_16QAM_12@7	20.18	13.53	0.023	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	20.14	13.49	0.022	3	Pass
5MHz_Middle_16QAM_25@0	20.21	13.56	0.023	3	Pass
5MHz_High_QPSK_1@0	21.86	15.21	0.033	3	Pass
5MHz_High_QPSK_1@12	22.10	15.45	0.035	3	Pass
5MHz_High_QPSK_1@24	21.88	15.23	0.033	3	Pass
5MHz_High_QPSK_12@0	20.98	14.33	0.027	3	Pass
5MHz_High_QPSK_12@7	21.06	14.41	0.028	3	Pass
5MHz_High_QPSK_12@13	20.99	14.34	0.027	3	Pass
5MHz_High_QPSK_25@0	20.98	14.33	0.027	3	Pass
5MHz_High_16QAM_1@0	20.92	14.27	0.027	3	Pass
5MHz_High_16QAM_1@12	21.15	14.50	0.028	3	Pass
5MHz_High_16QAM_1@24	20.92	14.27	0.027	3	Pass
5MHz_High_16QAM_12@0	20.06	13.41	0.022	3	Pass
5MHz_High_16QAM_12@7	20.13	13.48	0.022	3	Pass
5MHz_High_16QAM_12@13	20.05	13.40	0.022	3	Pass
5MHz_High_16QAM_25@0	20.03	13.38	0.022	3	Pass
10MHz_Low_QPSK_1@0	22.46	15.81	0.038	3	Pass
10MHz_Low_QPSK_1@25	22.08	15.43	0.035	3	Pass
10MHz_Low_QPSK_1@49	21.99	15.34	0.034	3	Pass
10MHz_Low_QPSK_25@0	21.06	14.41	0.028	3	Pass
10MHz_Low_QPSK_25@12	21.08	14.43	0.028	3	Pass
10MHz_Low_QPSK_25@25	21.17	14.52	0.028	3	Pass
10MHz_Low_QPSK_50@0	21.14	14.49	0.028	3	Pass
10MHz_Low_16QAM_1@0	20.98	14.33	0.027	3	Pass
10MHz_Low_16QAM_1@25	21.17	14.52	0.028	3	Pass
10MHz_Low_16QAM_1@49	20.99	14.34	0.027	3	Pass
10MHz_Low_16QAM_25@0	20.16	13.51	0.022	3	Pass
10MHz_Low_16QAM_25@12	20.21	13.56	0.023	3	Pass
10MHz_Low_16QAM_25@25	20.24	13.59	0.023	3	Pass
10MHz_Low_16QAM_50@0	20.10	13.45	0.022	3	Pass
10MHz_Middle_QPSK_1@0	22.08	15.43	0.035	3	Pass
10MHz_Middle_QPSK_1@25	22.32	15.67	0.037	3	Pass
10MHz_Middle_QPSK_1@49	22.20	15.55	0.036	3	Pass
10MHz_Middle_QPSK_25@0	21.04	14.39	0.027	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@12	21.04	14.39	0.027	3	Pass
10MHz_Middle_QPSK_25@25	21.15	14.50	0.028	3	Pass
10MHz_Middle_QPSK_50@0	21.11	14.46	0.028	3	Pass
10MHz_Middle_16QAM_1@0	21.32	14.67	0.029	3	Pass
10MHz_Middle_16QAM_1@25	21.55	14.90	0.031	3	Pass
10MHz_Middle_16QAM_1@49	21.42	14.77	0.030	3	Pass
10MHz_Middle_16QAM_25@0	20.11	13.46	0.022	3	Pass
10MHz_Middle_16QAM_25@12	20.13	13.48	0.022	3	Pass
10MHz_Middle_16QAM_25@25	20.18	13.53	0.023	3	Pass
10MHz_Middle_16QAM_50@0	20.14	13.49	0.022	3	Pass
10MHz_High_QPSK_1@0	21.82	15.17	0.033	3	Pass
10MHz_High_QPSK_1@25	22.01	15.36	0.034	3	Pass
10MHz_High_QPSK_1@49	21.86	15.21	0.033	3	Pass
10MHz_High_QPSK_25@0	20.97	14.32	0.027	3	Pass
10MHz_High_QPSK_25@12	21.04	14.39	0.027	3	Pass
10MHz_High_QPSK_25@25	21.10	14.45	0.028	3	Pass
10MHz_High_QPSK_50@0	21.02	14.37	0.027	3	Pass
10MHz_High_16QAM_1@0	20.75	14.10	0.026	3	Pass
10MHz_High_16QAM_1@25	20.92	14.27	0.027	3	Pass
10MHz_High_16QAM_1@49	20.80	14.15	0.026	3	Pass
10MHz_High_16QAM_25@0	20.07	13.42	0.022	3	Pass
10MHz_High_16QAM_25@12	20.15	13.50	0.022	3	Pass
10MHz_High_16QAM_25@25	20.19	13.54	0.023	3	Pass
10MHz_High_16QAM_50@0	20.07	13.42	0.022	3	Pass

Note:

ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

Band 12:

1.Antenna Gain = -3.5dBi;

2.Cable Loss = 1dB.

LTE Band 17, Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.95	15.30	0.034	3	Pass
5MHz_Low_QPSK_1@12	22.21	15.56	0.036	3	Pass
5MHz_Low_QPSK_1@24	21.95	15.30	0.034	3	Pass
5MHz_Low_QPSK_12@0	21.59	14.94	0.031	3	Pass
5MHz_Low_QPSK_12@7	21.17	14.52	0.028	3	Pass
5MHz_Low_QPSK_12@13	21.20	14.55	0.029	3	Pass
5MHz_Low_QPSK_25@0	21.12	14.47	0.028	3	Pass
5MHz_Low_16QAM_1@0	21.05	14.40	0.028	3	Pass
5MHz_Low_16QAM_1@12	21.32	14.67	0.029	3	Pass
5MHz_Low_16QAM_1@24	21.08	14.43	0.028	3	Pass
5MHz_Low_16QAM_12@0	20.11	13.46	0.022	3	Pass
5MHz_Low_16QAM_12@7	20.19	13.54	0.023	3	Pass
5MHz_Low_16QAM_12@13	20.24	13.59	0.023	3	Pass
5MHz_Low_16QAM_25@0	20.15	13.50	0.022	3	Pass
5MHz_Middle_QPSK_1@0	21.93	15.28	0.034	3	Pass
5MHz_Middle_QPSK_1@12	22.22	15.57	0.036	3	Pass
5MHz_Middle_QPSK_1@24	21.95	15.30	0.034	3	Pass
5MHz_Middle_QPSK_12@0	21.06	14.41	0.028	3	Pass
5MHz_Middle_QPSK_12@7	21.13	14.48	0.028	3	Pass
5MHz_Middle_QPSK_12@13	21.07	14.42	0.028	3	Pass
5MHz_Middle_QPSK_25@0	21.09	14.44	0.028	3	Pass
5MHz_Middle_16QAM_1@0	21.61	14.96	0.031	3	Pass
5MHz_Middle_16QAM_1@12	21.86	15.21	0.033	3	Pass
5MHz_Middle_16QAM_1@24	21.60	14.95	0.031	3	Pass
5MHz_Middle_16QAM_12@0	20.12	13.47	0.022	3	Pass
5MHz_Middle_16QAM_12@7	20.22	13.57	0.023	3	Pass
5MHz_Middle_16QAM_12@13	20.19	13.54	0.023	3	Pass
5MHz_Middle_16QAM_25@0	20.20	13.55	0.023	3	Pass
5MHz_High_QPSK_1@0	21.93	15.28	0.034	3	Pass
5MHz_High_QPSK_1@12	22.17	15.52	0.036	3	Pass
5MHz_High_QPSK_1@24	21.92	15.27	0.034	3	Pass
5MHz_High_QPSK_12@0	21.07	14.42	0.028	3	Pass
5MHz_High_QPSK_12@7	21.15	14.50	0.028	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@13	21.06	14.41	0.028	3	Pass
5MHz_High_QPSK_25@0	21.02	14.37	0.027	3	Pass
5MHz_High_16QAM_1@0	20.99	14.34	0.027	3	Pass
5MHz_High_16QAM_1@12	21.23	14.58	0.029	3	Pass
5MHz_High_16QAM_1@24	20.98	14.33	0.027	3	Pass
5MHz_High_16QAM_12@0	20.14	13.49	0.022	3	Pass
5MHz_High_16QAM_12@7	20.19	13.54	0.023	3	Pass
5MHz_High_16QAM_12@13	20.11	13.46	0.022	3	Pass
5MHz_High_16QAM_25@0	20.05	13.40	0.022	3	Pass
10MHz_Low_QPSK_1@0	22.53	15.88	0.039	3	Pass
10MHz_Low_QPSK_1@25	22.76	16.11	0.041	3	Pass
10MHz_Low_QPSK_1@49	22.54	15.89	0.039	3	Pass
10MHz_Low_QPSK_25@0	21.28	14.63	0.029	3	Pass
10MHz_Low_QPSK_25@12	21.13	14.48	0.028	3	Pass
10MHz_Low_QPSK_25@25	21.16	14.51	0.028	3	Pass
10MHz_Low_QPSK_50@0	21.09	14.44	0.028	3	Pass
10MHz_Low_16QAM_1@0	21.05	14.40	0.028	3	Pass
10MHz_Low_16QAM_1@25	21.18	14.53	0.028	3	Pass
10MHz_Low_16QAM_1@49	21.07	14.42	0.028	3	Pass
10MHz_Low_16QAM_25@0	20.19	13.54	0.023	3	Pass
10MHz_Low_16QAM_25@12	20.25	13.60	0.023	3	Pass
10MHz_Low_16QAM_25@25	20.27	13.62	0.023	3	Pass
10MHz_Low_16QAM_50@0	20.12	13.47	0.022	3	Pass
10MHz_Middle_QPSK_1@0	22.21	15.56	0.036	3	Pass
10MHz_Middle_QPSK_1@25	22.43	15.78	0.038	3	Pass
10MHz_Middle_QPSK_1@49	22.28	15.63	0.037	3	Pass
10MHz_Middle_QPSK_25@0	21.07	14.42	0.028	3	Pass
10MHz_Middle_QPSK_25@12	21.14	14.49	0.028	3	Pass
10MHz_Middle_QPSK_25@25	21.16	14.51	0.028	3	Pass
10MHz_Middle_QPSK_50@0	21.12	14.47	0.028	3	Pass
10MHz_Middle_16QAM_1@0	21.41	14.76	0.030	3	Pass
10MHz_Middle_16QAM_1@25	21.55	14.90	0.031	3	Pass
10MHz_Middle_16QAM_1@49	21.50	14.85	0.031	3	Pass
10MHz_Middle_16QAM_25@0	20.13	13.48	0.022	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_25@12	20.20	13.55	0.023	3	Pass
10MHz_Middle_16QAM_25@25	20.25	13.60	0.023	3	Pass
10MHz_Middle_16QAM_50@0	20.17	13.52	0.022	3	Pass
10MHz_High_QPSK_1@0	21.95	15.30	0.034	3	Pass
10MHz_High_QPSK_1@25	22.13	15.48	0.035	3	Pass
10MHz_High_QPSK_1@49	21.97	15.32	0.034	3	Pass
10MHz_High_QPSK_25@0	21.03	14.38	0.027	3	Pass
10MHz_High_QPSK_25@12	21.16	14.51	0.028	3	Pass
10MHz_High_QPSK_25@25	21.18	14.53	0.028	3	Pass
10MHz_High_QPSK_50@0	21.13	14.48	0.028	3	Pass
10MHz_High_16QAM_1@0	20.87	14.22	0.026	3	Pass
10MHz_High_16QAM_1@25	21.01	14.36	0.027	3	Pass
10MHz_High_16QAM_1@49	20.83	14.18	0.026	3	Pass
10MHz_High_16QAM_25@0	20.13	13.48	0.022	3	Pass
10MHz_High_16QAM_25@12	20.23	13.58	0.023	3	Pass
10MHz_High_16QAM_25@25	20.25	13.60	0.023	3	Pass
10MHz_High_16QAM_50@0	20.17	13.52	0.022	3	Pass

Note:

ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

Band 17:

1.Antenna Gain = -3.5dBi;

2.Cable Loss = 1dB.

LTE Band 30, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	20.89	17.79	0.060	0.250	Pass
5MHz_Low_QPSK_1@12	21.17	18.07	0.064	0.250	Pass
5MHz_Low_QPSK_1@24	20.90	17.80	0.060	0.250	Pass
5MHz_Low_QPSK_12@0	20.04	16.94	0.049	0.250	Pass
5MHz_Low_QPSK_12@7	20.08	16.98	0.050	0.250	Pass
5MHz_Low_QPSK_12@13	20	16.90	0.049	0.250	Pass
5MHz_Low_QPSK_25@0	19.99	16.89	0.049	0.250	Pass
5MHz_Low_16QAM_1@0	19.94	16.84	0.048	0.250	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_1@12	20.16	17.06	0.051	0.250	Pass
5MHz_Low_16QAM_1@24	19.96	16.86	0.049	0.250	Pass
5MHz_Low_16QAM_12@0	19.04	15.94	0.039	0.250	Pass
5MHz_Low_16QAM_12@7	19.17	16.07	0.040	0.250	Pass
5MHz_Low_16QAM_12@13	19.04	15.94	0.039	0.250	Pass
5MHz_Low_16QAM_25@0	19.02	15.92	0.039	0.250	Pass
5MHz_Middle_QPSK_1@0	20.98	17.88	0.061	0.250	Pass
5MHz_Middle_QPSK_1@12	21.14	18.04	0.064	0.250	Pass
5MHz_Middle_QPSK_1@24	21.02	17.92	0.062	0.250	Pass
5MHz_Middle_QPSK_12@0	20.05	16.95	0.050	0.250	Pass
5MHz_Middle_QPSK_12@7	20.11	17.01	0.050	0.250	Pass
5MHz_Middle_QPSK_12@13	19.97	16.87	0.049	0.250	Pass
5MHz_Middle_QPSK_25@0	19.99	16.89	0.049	0.250	Pass
5MHz_Middle_16QAM_1@0	19.97	16.87	0.049	0.250	Pass
5MHz_Middle_16QAM_1@12	20.22	17.12	0.052	0.250	Pass
5MHz_Middle_16QAM_1@24	20	16.90	0.049	0.250	Pass
5MHz_Middle_16QAM_12@0	19.08	15.98	0.040	0.250	Pass
5MHz_Middle_16QAM_12@7	19.11	16.01	0.040	0.250	Pass
5MHz_Middle_16QAM_12@13	19.02	15.92	0.039	0.250	Pass
5MHz_Middle_16QAM_25@0	19.02	15.92	0.039	0.250	Pass
5MHz_High_QPSK_1@0	20.93	17.83	0.061	0.250	Pass
5MHz_High_QPSK_1@12	21.18	18.08	0.064	0.250	Pass
5MHz_High_QPSK_1@24	20.98	17.88	0.061	0.250	Pass
5MHz_High_QPSK_12@0	20.06	16.96	0.050	0.250	Pass
5MHz_High_QPSK_12@7	20.10	17.00	0.050	0.250	Pass
5MHz_High_QPSK_12@13	19.95	16.85	0.048	0.250	Pass
5MHz_High_QPSK_25@0	20.03	16.93	0.049	0.250	Pass
5MHz_High_16QAM_1@0	20.54	17.44	0.055	0.250	Pass
5MHz_High_16QAM_1@12	20.82	17.72	0.059	0.250	Pass
5MHz_High_16QAM_1@24	20.56	17.46	0.056	0.250	Pass
5MHz_High_16QAM_12@0	19.15	16.05	0.040	0.250	Pass
5MHz_High_16QAM_12@7	19.18	16.08	0.041	0.250	Pass
5MHz_High_16QAM_12@13	19.07	15.97	0.040	0.250	Pass
5MHz_High_16QAM_25@0	19.11	16.01	0.040	0.250	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_1@0	21.01	17.91	0.062	0.250	Pass
10MHz_Middle_QPSK_1@25	21.20	18.10	0.065	0.250	Pass
10MHz_Middle_QPSK_1@49	21.02	17.92	0.062	0.250	Pass
10MHz_Middle_QPSK_25@0	20.09	16.99	0.050	0.250	Pass
10MHz_Middle_QPSK_25@12	20.13	17.03	0.050	0.250	Pass
10MHz_Middle_QPSK_25@25	19.99	16.89	0.049	0.250	Pass
10MHz_Middle_QPSK_50@0	20.04	16.94	0.049	0.250	Pass
10MHz_Middle_16QAM_1@0	19.96	16.86	0.049	0.250	Pass
10MHz_Middle_16QAM_1@25	20.08	16.98	0.050	0.250	Pass
10MHz_Middle_16QAM_1@49	20	16.90	0.049	0.250	Pass
10MHz_Middle_16QAM_25@0	19.19	16.09	0.041	0.250	Pass
10MHz_Middle_16QAM_25@12	19.20	16.10	0.041	0.250	Pass
10MHz_Middle_16QAM_25@25	19.04	15.94	0.039	0.250	Pass
10MHz_Middle_16QAM_50@0	19.08	15.98	0.040	0.250	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 30:

1.Antenna Gain = -2.1dBi;

2.Cable Loss = 1dB.

Note 2: B30 EIRP Power is 18.10dBm<24dBm(250milliwatts), meets the standard FCC §27.50(a).

LTE Band 66, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.06	22.76	0.189	1	Pass
1.4MHz_Low_QPSK_1@3	21.21	22.91	0.195	1	Pass
1.4MHz_Low_QPSK_1@5	21.06	22.76	0.189	1	Pass
1.4MHz_Low_QPSK_3@0	21.25	22.95	0.197	1	Pass
1.4MHz_Low_QPSK_3@1	21.22	22.92	0.196	1	Pass
1.4MHz_Low_QPSK_3@3	21.21	22.91	0.195	1	Pass
1.4MHz_Low_QPSK_6@0	20.20	21.90	0.155	1	Pass
1.4MHz_Low_16QAM_1@0	19.97	21.67	0.147	1	Pass
1.4MHz_Low_16QAM_1@3	20.16	21.86	0.153	1	Pass
1.4MHz_Low_16QAM_1@5	19.96	21.66	0.147	1	Pass
1.4MHz_Low_16QAM_3@0	20.39	22.09	0.162	1	Pass
1.4MHz_Low_16QAM_3@1	20.47	22.17	0.165	1	Pass
1.4MHz_Low_16QAM_3@3	20.45	22.15	0.164	1	Pass
1.4MHz_Low_16QAM_6@0	19.43	21.13	0.130	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Middle_QPSK_1@0	21.27	22.97	0.198	1	Pass
1.4MHz_Middle_QPSK_1@3	21.41	23.11	0.205	1	Pass
1.4MHz_Middle_QPSK_1@5	21.27	22.97	0.198	1	Pass
1.4MHz_Middle_QPSK_3@0	21.16	22.86	0.193	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Middle_QPSK_3@1	21.20	22.90	0.195	1	Pass
1.4MHz_Middle_QPSK_3@3	21.17	22.87	0.194	1	Pass
1.4MHz_Middle_QPSK_6@0	20.11	21.81	0.152	1	Pass
1.4MHz_Middle_16QAM_1@0	20.49	22.19	0.166	1	Pass
1.4MHz_Middle_16QAM_1@3	20.65	22.35	0.172	1	Pass
1.4MHz_Middle_16QAM_1@5	20.53	22.23	0.167	1	Pass
1.4MHz_Middle_16QAM_3@0	20.54	22.24	0.167	1	Pass
1.4MHz_Middle_16QAM_3@1	20.56	22.26	0.168	1	Pass
1.4MHz_Middle_16QAM_3@3	20.55	22.25	0.168	1	Pass
1.4MHz_Middle_16QAM_6@0	19.11	20.81	0.121	1	Pass
1.4MHz_High_QPSK_1@0	20.99	22.69	0.186	1	Pass
1.4MHz_High_QPSK_1@3	21.13	22.83	0.192	1	Pass
1.4MHz_High_QPSK_1@5	20.96	22.66	0.185	1	Pass
1.4MHz_High_QPSK_3@0	21.12	22.82	0.191	1	Pass
1.4MHz_High_QPSK_3@1	21.18	22.88	0.194	1	Pass
1.4MHz_High_QPSK_3@3	21.11	22.81	0.191	1	Pass
1.4MHz_High_QPSK_6@0	20.09	21.79	0.151	1	Pass
1.4MHz_High_16QAM_1@0	19.90	21.60	0.145	1	Pass
1.4MHz_High_16QAM_1@3	20.09	21.79	0.151	1	Pass
1.4MHz_High_16QAM_1@5	19.93	21.63	0.146	1	Pass
1.4MHz_High_16QAM_3@0	20.30	22.00	0.158	1	Pass
1.4MHz_High_16QAM_3@1	20.37	22.07	0.161	1	Pass
1.4MHz_High_16QAM_3@3	20.34	22.04	0.160	1	Pass
1.4MHz_High_16QAM_6@0	19.36	21.06	0.128	1	Pass
3MHz_Low_QPSK_1@0	21.34	23.04	0.201	1	Pass
3MHz_Low_QPSK_1@8	21.38	23.08	0.203	1	Pass
3MHz_Low_QPSK_1@14	21.39	23.09	0.204	1	Pass
3MHz_Low_QPSK_8@0	20.22	21.92	0.156	1	Pass
3MHz_Low_QPSK_8@4	20.22	21.92	0.156	1	Pass
3MHz_Low_QPSK_8@7	20.17	21.87	0.154	1	Pass
3MHz_Low_QPSK_15@0	20.21	21.91	0.155	1	Pass
3MHz_Low_16QAM_1@0	20.60	22.30	0.170	1	Pass
3MHz_Low_16QAM_1@8	20.65	22.35	0.172	1	Pass
3MHz_Low_16QAM_1@14	20.66	22.36	0.172	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Low_16QAM_8@0	19.36	21.06	0.128	1	Pass
3MHz_Low_16QAM_8@4	19.38	21.08	0.128	1	Pass
3MHz_Low_16QAM_8@7	19.36	21.06	0.128	1	Pass
3MHz_Low_16QAM_15@0	19.25	20.95	0.124	1	Pass
3MHz_Middle_QPSK_1@0	21.07	22.77	0.189	1	Pass
3MHz_Middle_QPSK_1@8	21.05	22.75	0.188	1	Pass
3MHz_Middle_QPSK_1@14	21.06	22.76	0.189	1	Pass
3MHz_Middle_QPSK_8@0	20.20	21.90	0.155	1	Pass
3MHz_Middle_QPSK_8@4	20.19	21.89	0.155	1	Pass
3MHz_Middle_QPSK_8@7	20.13	21.83	0.152	1	Pass
3MHz_Middle_QPSK_15@0	20.15	21.85	0.153	1	Pass
3MHz_Middle_16QAM_1@0	20	21.70	0.148	1	Pass
3MHz_Middle_16QAM_1@8	19.96	21.66	0.147	1	Pass
3MHz_Middle_16QAM_1@14	19.92	21.62	0.145	1	Pass
3MHz_Middle_16QAM_8@0	19.14	20.84	0.121	1	Pass
3MHz_Middle_16QAM_8@4	19.25	20.95	0.124	1	Pass
3MHz_Middle_16QAM_8@7	19.16	20.86	0.122	1	Pass
3MHz_Middle_16QAM_15@0	19.15	20.85	0.122	1	Pass
3MHz_High_QPSK_1@0	21.49	23.19	0.208	1	Pass
3MHz_High_QPSK_1@8	21.47	23.17	0.207	1	Pass
3MHz_High_QPSK_1@14	21.46	23.16	0.207	1	Pass
3MHz_High_QPSK_8@0	20.61	22.31	0.170	1	Pass
3MHz_High_QPSK_8@4	20.68	22.38	0.173	1	Pass
3MHz_High_QPSK_8@7	20.61	22.31	0.170	1	Pass
3MHz_High_QPSK_15@0	20.61	22.31	0.170	1	Pass
3MHz_High_16QAM_1@0	20.45	22.15	0.164	1	Pass
3MHz_High_16QAM_1@8	20.40	22.10	0.162	1	Pass
3MHz_High_16QAM_1@14	20.39	22.09	0.162	1	Pass
3MHz_High_16QAM_8@0	19.63	21.33	0.136	1	Pass
3MHz_High_16QAM_8@4	19.67	21.37	0.137	1	Pass
3MHz_High_16QAM_8@7	19.61	21.31	0.135	1	Pass
3MHz_High_16QAM_15@0	19.60	21.30	0.135	1	Pass
5MHz_Low_QPSK_1@0	21.61	23.31	0.214	1	Pass
5MHz_Low_QPSK_1@12	21.85	23.55	0.226	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@24	21.61	23.31	0.214	1	Pass
5MHz_Low_QPSK_12@0	20.70	22.40	0.174	1	Pass
5MHz_Low_QPSK_12@7	20.75	22.45	0.176	1	Pass
5MHz_Low_QPSK_12@13	20.65	22.35	0.172	1	Pass
5MHz_Low_QPSK_25@0	20.62	22.32	0.171	1	Pass
5MHz_Low_16QAM_1@0	20.66	22.36	0.172	1	Pass
5MHz_Low_16QAM_1@12	20.91	22.61	0.182	1	Pass
5MHz_Low_16QAM_1@24	20.68	22.38	0.173	1	Pass
5MHz_Low_16QAM_12@0	19.77	21.47	0.140	1	Pass
5MHz_Low_16QAM_12@7	19.83	21.53	0.142	1	Pass
5MHz_Low_16QAM_12@13	19.71	21.41	0.138	1	Pass
5MHz_Low_16QAM_25@0	19.69	21.39	0.138	1	Pass
5MHz_Middle_QPSK_1@0	21.54	23.24	0.211	1	Pass
5MHz_Middle_QPSK_1@12	21.79	23.49	0.223	1	Pass
5MHz_Middle_QPSK_1@24	21.54	23.24	0.211	1	Pass
5MHz_Middle_QPSK_12@0	20.61	22.31	0.170	1	Pass
5MHz_Middle_QPSK_12@7	20.73	22.43	0.175	1	Pass
5MHz_Middle_QPSK_12@13	20.66	22.36	0.172	1	Pass
5MHz_Middle_QPSK_25@0	20.61	22.31	0.170	1	Pass
5MHz_Middle_16QAM_1@0	21.16	22.86	0.193	1	Pass
5MHz_Middle_16QAM_1@12	21.49	23.19	0.208	1	Pass
5MHz_Middle_16QAM_1@24	21.17	22.87	0.194	1	Pass
5MHz_Middle_16QAM_12@0	19.71	21.41	0.138	1	Pass
5MHz_Middle_16QAM_12@7	19.83	21.53	0.142	1	Pass
5MHz_Middle_16QAM_12@13	19.73	21.43	0.139	1	Pass
5MHz_Middle_16QAM_25@0	19.77	21.47	0.140	1	Pass
5MHz_High_QPSK_1@0	21.40	23.10	0.204	1	Pass
5MHz_High_QPSK_1@12	21.29	22.99	0.199	1	Pass
5MHz_High_QPSK_1@24	20.96	22.66	0.185	1	Pass
5MHz_High_QPSK_12@0	20.15	21.85	0.153	1	Pass
5MHz_High_QPSK_12@7	20.18	21.88	0.154	1	Pass
5MHz_High_QPSK_12@13	20.08	21.78	0.151	1	Pass
5MHz_High_QPSK_25@0	20.11	21.81	0.152	1	Pass
5MHz_High_16QAM_1@0	20.03	21.73	0.149	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_16QAM_1@12	20.33	22.03	0.160	1	Pass
5MHz_High_16QAM_1@24	20.04	21.74	0.149	1	Pass
5MHz_High_16QAM_12@0	19.25	20.95	0.124	1	Pass
5MHz_High_16QAM_12@7	19.24	20.94	0.124	1	Pass
5MHz_High_16QAM_12@13	19.20	20.90	0.123	1	Pass
5MHz_High_16QAM_25@0	19.14	20.84	0.121	1	Pass
10MHz_Low_QPSK_1@0	21.84	23.54	0.226	1	Pass
10MHz_Low_QPSK_1@25	22.02	23.72	0.236	1	Pass
10MHz_Low_QPSK_1@49	21.35	23.05	0.202	1	Pass
10MHz_Low_QPSK_25@0	20.27	21.97	0.157	1	Pass
10MHz_Low_QPSK_25@12	20.26	21.96	0.157	1	Pass
10MHz_Low_QPSK_25@25	20.16	21.86	0.153	1	Pass
10MHz_Low_QPSK_50@0	20.20	21.90	0.155	1	Pass
10MHz_Low_16QAM_1@0	20.57	22.27	0.169	1	Pass
10MHz_Low_16QAM_1@25	20.76	22.46	0.176	1	Pass
10MHz_Low_16QAM_1@49	20.65	22.35	0.172	1	Pass
10MHz_Low_16QAM_25@0	19.36	21.06	0.128	1	Pass
10MHz_Low_16QAM_25@12	19.32	21.02	0.126	1	Pass
10MHz_Low_16QAM_25@25	19.21	20.91	0.123	1	Pass
10MHz_Low_16QAM_50@0	19.22	20.92	0.124	1	Pass
10MHz_Middle_QPSK_1@0	21.01	22.71	0.187	1	Pass
10MHz_Middle_QPSK_1@25	21.16	22.86	0.193	1	Pass
10MHz_Middle_QPSK_1@49	21.01	22.71	0.187	1	Pass
10MHz_Middle_QPSK_25@0	20.14	21.84	0.153	1	Pass
10MHz_Middle_QPSK_25@12	20.19	21.89	0.155	1	Pass
10MHz_Middle_QPSK_25@25	20.23	21.93	0.156	1	Pass
10MHz_Middle_QPSK_50@0	20.17	21.87	0.154	1	Pass
10MHz_Middle_16QAM_1@0	19.95	21.65	0.146	1	Pass
10MHz_Middle_16QAM_1@25	20.16	21.86	0.153	1	Pass
10MHz_Middle_16QAM_1@49	19.94	21.64	0.146	1	Pass
10MHz_Middle_16QAM_25@0	19.25	20.95	0.124	1	Pass
10MHz_Middle_16QAM_25@12	19.33	21.03	0.127	1	Pass
10MHz_Middle_16QAM_25@25	19.30	21.00	0.126	1	Pass
10MHz_Middle_16QAM_50@0	19.25	20.95	0.124	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_1@0	21.09	22.79	0.190	1	Pass
10MHz_High_QPSK_1@25	21.28	22.98	0.199	1	Pass
10MHz_High_QPSK_1@49	21.10	22.80	0.191	1	Pass
10MHz_High_QPSK_25@0	20.28	21.98	0.158	1	Pass
10MHz_High_QPSK_25@12	20.22	21.92	0.156	1	Pass
10MHz_High_QPSK_25@25	20.14	21.84	0.153	1	Pass
10MHz_High_QPSK_50@0	20.25	21.95	0.157	1	Pass
10MHz_High_16QAM_1@0	20.10	21.80	0.151	1	Pass
10MHz_High_16QAM_1@25	20.33	22.03	0.160	1	Pass
10MHz_High_16QAM_1@49	20.13	21.83	0.152	1	Pass
10MHz_High_16QAM_25@0	19.42	21.12	0.129	1	Pass
10MHz_High_16QAM_25@12	19.34	21.04	0.127	1	Pass
10MHz_High_16QAM_25@25	19.28	20.98	0.125	1	Pass
10MHz_High_16QAM_50@0	19.31	21.01	0.126	1	Pass
15MHz_Low_QPSK_1@0	21.17	22.87	0.194	1	Pass
15MHz_Low_QPSK_1@37	21.22	22.92	0.196	1	Pass
15MHz_Low_QPSK_1@74	21.07	22.77	0.189	1	Pass
15MHz_Low_QPSK_36@0	20.25	21.95	0.157	1	Pass
15MHz_Low_QPSK_36@20	20.18	21.88	0.154	1	Pass
15MHz_Low_QPSK_36@39	20.15	21.85	0.153	1	Pass
15MHz_Low_QPSK_75@0	20.14	21.84	0.153	1	Pass
15MHz_Low_16QAM_1@0	20.03	21.73	0.149	1	Pass
15MHz_Low_16QAM_1@37	20.27	21.97	0.157	1	Pass
15MHz_Low_16QAM_1@74	20.14	21.84	0.153	1	Pass
15MHz_Low_16QAM_36@0	19.24	20.94	0.124	1	Pass
15MHz_Low_16QAM_36@20	19.23	20.93	0.124	1	Pass
15MHz_Low_16QAM_36@39	19.21	20.91	0.123	1	Pass
15MHz_Low_16QAM_75@0	19.18	20.88	0.122	1	Pass
15MHz_Middle_QPSK_1@0	21.23	22.93	0.196	1	Pass
15MHz_Middle_QPSK_1@37	21.46	23.16	0.207	1	Pass
15MHz_Middle_QPSK_1@74	21.20	22.90	0.195	1	Pass
15MHz_Middle_QPSK_36@0	20.14	21.84	0.153	1	Pass
15MHz_Middle_QPSK_36@20	20.19	21.89	0.155	1	Pass
15MHz_Middle_QPSK_36@39	20.23	21.93	0.156	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_75@0	20.15	21.85	0.153	1	Pass
15MHz_Middle_16QAM_1@0	20.48	22.18	0.165	1	Pass
15MHz_Middle_16QAM_1@37	20.69	22.39	0.173	1	Pass
15MHz_Middle_16QAM_1@74	20.45	22.15	0.164	1	Pass
15MHz_Middle_16QAM_36@0	19.15	20.85	0.122	1	Pass
15MHz_Middle_16QAM_36@20	19.23	20.93	0.124	1	Pass
15MHz_Middle_16QAM_36@39	19.23	20.93	0.124	1	Pass
15MHz_Middle_16QAM_75@0	19.19	20.89	0.123	1	Pass
15MHz_High_QPSK_1@0	21.06	22.76	0.189	1	Pass
15MHz_High_QPSK_1@37	21.33	23.03	0.201	1	Pass
15MHz_High_QPSK_1@74	21.11	22.81	0.191	1	Pass
15MHz_High_QPSK_36@0	20.22	21.92	0.156	1	Pass
15MHz_High_QPSK_36@20	20.16	21.86	0.153	1	Pass
15MHz_High_QPSK_36@39	20.13	21.83	0.152	1	Pass
15MHz_High_QPSK_75@0	20.15	21.85	0.153	1	Pass
15MHz_High_16QAM_1@0	20.12	21.82	0.152	1	Pass
15MHz_High_16QAM_1@37	20.43	22.13	0.163	1	Pass
15MHz_High_16QAM_1@74	20.23	21.93	0.156	1	Pass
15MHz_High_16QAM_36@0	19.21	20.91	0.123	1	Pass
15MHz_High_16QAM_36@20	19.20	20.90	0.123	1	Pass
15MHz_High_16QAM_36@39	19.13	20.83	0.121	1	Pass
15MHz_High_16QAM_75@0	19.15	20.85	0.122	1	Pass
20MHz_Low_QPSK_1@0	20.82	22.52	0.179	1	Pass
20MHz_Low_QPSK_1@49	21.11	22.81	0.191	1	Pass
20MHz_Low_QPSK_1@99	20.94	22.64	0.184	1	Pass
20MHz_Low_QPSK_50@0	20.22	21.92	0.156	1	Pass
20MHz_Low_QPSK_50@24	20.14	21.84	0.153	1	Pass
20MHz_Low_QPSK_50@50	20.15	21.85	0.153	1	Pass
20MHz_Low_QPSK_100@0	20.21	21.91	0.155	1	Pass
20MHz_Low_16QAM_1@0	20.50	22.20	0.166	1	Pass
20MHz_Low_16QAM_1@49	20.85	22.55	0.180	1	Pass
20MHz_Low_16QAM_1@99	20.65	22.35	0.172	1	Pass
20MHz_Low_16QAM_50@0	19.28	20.98	0.125	1	Pass
20MHz_Low_16QAM_50@24	19.22	20.92	0.124	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_50@50	19.20	20.90	0.123	1	Pass
20MHz_Low_16QAM_100@0	19.25	20.95	0.124	1	Pass
20MHz_Middle_QPSK_1@0	20.78	22.48	0.177	1	Pass
20MHz_Middle_QPSK_1@49	21.19	22.89	0.195	1	Pass
20MHz_Middle_QPSK_1@99	20.84	22.54	0.179	1	Pass
20MHz_Middle_QPSK_50@0	20.06	21.76	0.150	1	Pass
20MHz_Middle_QPSK_50@24	20.16	21.86	0.153	1	Pass
20MHz_Middle_QPSK_50@50	20.22	21.92	0.156	1	Pass
20MHz_Middle_QPSK_100@0	20.15	21.85	0.153	1	Pass
20MHz_Middle_16QAM_1@0	20.21	21.91	0.155	1	Pass
20MHz_Middle_16QAM_1@49	20.57	22.27	0.169	1	Pass
20MHz_Middle_16QAM_1@99	20.25	21.95	0.157	1	Pass
20MHz_Middle_16QAM_50@0	19.13	20.83	0.121	1	Pass
20MHz_Middle_16QAM_50@24	19.20	20.90	0.123	1	Pass
20MHz_Middle_16QAM_50@50	19.27	20.97	0.125	1	Pass
20MHz_Middle_16QAM_100@0	19.21	20.91	0.123	1	Pass
20MHz_High_QPSK_1@0	20.66	22.36	0.172	1	Pass
20MHz_High_QPSK_1@49	21.08	22.78	0.190	1	Pass
20MHz_High_QPSK_1@99	20.74	22.44	0.175	1	Pass
20MHz_High_QPSK_50@0	20.30	22.00	0.158	1	Pass
20MHz_High_QPSK_50@24	20.11	21.81	0.152	1	Pass
20MHz_High_QPSK_50@50	20	21.70	0.148	1	Pass
20MHz_High_QPSK_100@0	20.16	21.86	0.153	1	Pass
20MHz_High_16QAM_1@0	20.07	21.77	0.150	1	Pass
20MHz_High_16QAM_1@49	20.44	22.14	0.164	1	Pass
20MHz_High_16QAM_1@99	20.21	21.91	0.155	1	Pass
20MHz_High_16QAM_50@0	19.27	20.97	0.125	1	Pass
20MHz_High_16QAM_50@24	19.13	20.83	0.121	1	Pass
20MHz_High_16QAM_50@50	18.98	20.68	0.117	1	Pass
20MHz_High_16QAM_100@0	19.20	20.90	0.123	1	Pass

Note:

EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 66:

1.Antenna Gain = 2.7dBi;

2.Cable Loss = 1dB.

Peak-to-average Ratio(PAR)

FCC Part 22H

LTE Band 5, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.51	13
10MHz_Low_QPSK_50@0	5.48	13
10MHz_Low_16QAM_1@0	6.29	13
10MHz_Low_16QAM_50@0	6.26	13
10MHz_Middle_QPSK_1@0	5.51	13
10MHz_Middle_QPSK_50@0	5.30	13
10MHz_Middle_16QAM_1@0	6.46	13
10MHz_Middle_16QAM_50@0	6.23	13
10MHz_High_QPSK_1@0	5.16	13
10MHz_High_QPSK_50@0	5.33	13
10MHz_High_16QAM_1@0	5.74	13
10MHz_High_16QAM_50@0	6.20	13

Note:worst case.

FCC Part 24E

LTE Band 2, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.62	13
20MHz_Low_QPSK_100@0	5.25	13
20MHz_Low_16QAM_1@0	6.43	13
20MHz_Low_16QAM_100@0	6.17	13
20MHz_Middle_QPSK_1@0	5.54	13
20MHz_Middle_QPSK_100@0	5.33	13
20MHz_Middle_16QAM_1@0	6.90	13
20MHz_Middle_16QAM_100@0	6.17	13
20MHz_High_QPSK_1@0	5.42	13
20MHz_High_QPSK_100@0	5.48	13
20MHz_High_16QAM_1@0	6.29	13
20MHz_High_16QAM_100@0	6.26	13

Note:worst case.

FCC Part 27

LTE Band 4, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.25	13
20MHz_Low_QPSK_100@0	5.59	13
20MHz_Low_16QAM_1@0	5.94	13
20MHz_Low_16QAM_100@0	6.52	13
20MHz_Middle_QPSK_1@0	5.28	13
20MHz_Middle_QPSK_100@0	5.74	13
20MHz_Middle_16QAM_1@0	6.17	13
20MHz_Middle_16QAM_100@0	6.58	13
20MHz_High_QPSK_1@0	5.97	13
20MHz_High_QPSK_100@0	5.51	13
20MHz_High_16QAM_1@0	6.99	13
20MHz_High_16QAM_100@0	6.32	13

LTE Band 12, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.91	13
10MHz_Low_QPSK_50@0	5.54	13
10MHz_Low_16QAM_1@0	6.26	13
10MHz_Low_16QAM_50@0	6.35	13
10MHz_Middle_QPSK_1@0	5.83	13
10MHz_Middle_QPSK_50@0	5.48	13
10MHz_Middle_16QAM_1@0	6.72	13
10MHz_Middle_16QAM_50@0	6.26	13
10MHz_High_QPSK_1@0	5.71	13
10MHz_High_QPSK_50@0	5.33	13
10MHz_High_16QAM_1@0	6.78	13
10MHz_High_16QAM_50@0	6.23	13

LTE Band 17, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	6.12	13
10MHz_Low_QPSK_50@0	5.45	13
10MHz_Low_16QAM_1@0	6.32	13
10MHz_Low_16QAM_50@0	6.29	13
10MHz_Middle_QPSK_1@0	5.88	13
10MHz_Middle_QPSK_50@0	5.42	13
10MHz_Middle_16QAM_1@0	6.84	13
10MHz_Middle_16QAM_50@0	6.23	13
10MHz_High_QPSK_1@0	5.74	13
10MHz_High_QPSK_50@0	5.30	13
10MHz_High_16QAM_1@0	6.72	13
10MHz_High_16QAM_50@0	6.26	13

LTE Band 30, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Middle_QPSK_1@0	4.64	13
10MHz_Middle_QPSK_50@0	4.93	13
10MHz_Middle_16QAM_1@0	5.62	13
10MHz_Middle_16QAM_50@0	5.91	13

LTE Band 66, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.39	13
20MHz_Low_QPSK_100@0	5.74	13
20MHz_Low_16QAM_1@0	6.14	13
20MHz_Low_16QAM_100@0	6.55	13
20MHz_Middle_QPSK_1@0	6.14	13
20MHz_Middle_QPSK_100@0	5.45	13
20MHz_Middle_16QAM_1@0	7.19	13
20MHz_Middle_16QAM_100@0	6.32	13
20MHz_High_QPSK_1@0	5.65	13
20MHz_High_QPSK_100@0	5.54	13
20MHz_High_16QAM_1@0	7.33	13
20MHz_High_16QAM_100@0	6.35	13

Note:worst case.