Appendix C-LTE

Test Information:

Sample No.:	31OF-3	**Test Date:**	2025/05/21~2025/08/18
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Benny Li	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	25.3~25.9	**Relative Humidity: (%)**	46~52	**ATM Pressure: (kPa)**	99.3~100.2

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	21.79	18.08	0.064	7	Pass
1.4MHz_Low_QPSK_1@3	21.92	18.21	0.066	7	Pass
1.4MHz_Low_QPSK_1@5	21.79	18.08	0.064	7	Pass
1.4MHz_Low_QPSK_3@0	21.72	18.01	0.063	7	Pass
1.4MHz_Low_QPSK_3@1	21.75	18.04	0.064	7	Pass
1.4MHz_Low_QPSK_3@3	21.70	17.99	0.063	7	Pass
1.4MHz_Low_QPSK_6@0	20.74	17.03	0.050	7	Pass
1.4MHz_Low_16QAM_1@0	21.01	17.30	0.054	7	Pass
1.4MHz_Low_16QAM_1@3	21.13	17.42	0.055	7	Pass
1.4MHz_Low_16QAM_1@5	20.98	17.27	0.053	7	Pass
1.4MHz_Low_16QAM_3@0	21.02	17.31	0.054	7	Pass
1.4MHz_Low_16QAM_3@1	21.09	17.38	0.055	7	Pass
1.4MHz_Low_16QAM_3@3	21.09	17.38	0.055	7	Pass
1.4MHz_Low_16QAM_6@0	19.69	15.98	0.040	7	Pass
1.4MHz_Middle_QPSK_1@0	21.37	17.66	0.058	7	Pass
1.4MHz_Middle_QPSK_1@3	21.53	17.82	0.061	7	Pass
1.4MHz_Middle_QPSK_1@5	21.43	17.72	0.059	7	Pass
1.4MHz_Middle_QPSK_3@0	21.54	17.83	0.061	7	Pass
1.4MHz_Middle_QPSK_3@1	21.60	17.89	0.062	7	Pass
1.4MHz_Middle_QPSK_3@3	21.60	17.89	0.062	7	Pass
1.4MHz_Middle_QPSK_6@0	20.65	16.94	0.049	7	Pass
1.4MHz_Middle_16QAM_1@0	20.29	16.58	0.045	7	Pass
1.4MHz_Middle_16QAM_1@3	20.47	16.76	0.047	7	Pass
1.4MHz_Middle_16QAM_1@5	20.35	16.64	0.046	7	Pass
1.4MHz_Middle_16QAM_3@0	20.66	16.95	0.050	7	Pass
1.4MHz_Middle_16QAM_3@1	20.74	17.03	0.050	7	Pass
1.4MHz_Middle_16QAM_3@3	20.73	17.02	0.050	7	Pass
1.4MHz_Middle_16QAM_6@0	19.81	16.10	0.041	7	Pass
1.4MHz_High_QPSK_1@0	21.39	17.68	0.059	7	Pass
1.4MHz_High_QPSK_1@3	21.60	17.89	0.062	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	21.39	17.68	0.059	7	Pass
1.4MHz_High_QPSK_3@0	21.59	17.88	0.061	7	Pass
1.4MHz_High_QPSK_3@1	21.65	17.94	0.062	7	Pass
1.4MHz_High_QPSK_3@3	21.59	17.88	0.061	7	Pass
1.4MHz_High_QPSK_6@0	20.54	16.83	0.048	7	Pass
1.4MHz_High_16QAM_1@0	20.29	16.58	0.045	7	Pass
1.4MHz_High_16QAM_1@3	20.49	16.78	0.048	7	Pass
1.4MHz_High_16QAM_1@5	20.31	16.60	0.046	7	Pass
1.4MHz_High_16QAM_3@0	20.70	16.99	0.050	7	Pass
1.4MHz_High_16QAM_3@1	20.73	17.02	0.050	7	Pass
1.4MHz_High_16QAM_3@3	20.74	17.03	0.050	7	Pass
1.4MHz_High_16QAM_6@0	19.73	16.02	0.040	7	Pass
3MHz_Low_QPSK_1@0	21.57	17.86	0.061	7	Pass
3MHz_Low_QPSK_1@8	21.60	17.89	0.062	7	Pass
3MHz_Low_QPSK_1@14	21.57	17.86	0.061	7	Pass
3MHz_Low_QPSK_8@0	20.73	17.02	0.050	7	Pass
3MHz_Low_QPSK_8@4	20.74	17.03	0.050	7	Pass
3MHz_Low_QPSK_8@7	20.71	17.00	0.050	7	Pass
3MHz_Low_QPSK_15@0	20.69	16.98	0.050	7	Pass
3MHz_Low_16QAM_1@0	20.53	16.82	0.048	7	Pass
3MHz_Low_16QAM_1@8	20.47	16.76	0.047	7	Pass
3MHz_Low_16QAM_1@14	20.41	16.70	0.047	7	Pass
3MHz_Low_16QAM_8@0	19.70	15.99	0.040	7	Pass
3MHz_Low_16QAM_8@4	19.72	16.01	0.040	7	Pass
3MHz_Low_16QAM_8@7	19.68	15.97	0.040	7	Pass
3MHz_Low_16QAM_15@0	19.66	15.95	0.039	7	Pass
3MHz_Middle_QPSK_1@0	21.48	17.77	0.060	7	Pass
3MHz_Middle_QPSK_1@8	21.57	17.86	0.061	7	Pass
3MHz_Middle_QPSK_1@14	21.60	17.89	0.062	7	Pass
3MHz_Middle_QPSK_8@0	20.56	16.85	0.048	7	Pass
3MHz_Middle_QPSK_8@4	20.65	16.94	0.049	7	Pass
3MHz_Middle_QPSK_8@7	20.63	16.92	0.049	7	Pass
3MHz_Middle_QPSK_15@0	20.58	16.87	0.049	7	Pass
3MHz_Middle_16QAM_1@0	20.45	16.74	0.047	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	20.54	16.83	0.048	7	Pass
3MHz_Middle_16QAM_1@14	20.54	16.83	0.048	7	Pass
3MHz_Middle_16QAM_8@0	19.58	15.87	0.039	7	Pass
3MHz_Middle_16QAM_8@4	19.69	15.98	0.040	7	Pass
3MHz_Middle_16QAM_8@7	19.61	15.90	0.039	7	Pass
3MHz_Middle_16QAM_15@0	19.60	15.89	0.039	7	Pass
3MHz_High_QPSK_1@0	21.65	17.94	0.062	7	Pass
3MHz_High_QPSK_1@8	21.71	18.00	0.063	7	Pass
3MHz_High_QPSK_1@14	21.70	17.99	0.063	7	Pass
3MHz_High_QPSK_8@0	20.54	16.83	0.048	7	Pass
3MHz_High_QPSK_8@4	20.57	16.86	0.049	7	Pass
3MHz_High_QPSK_8@7	20.53	16.82	0.048	7	Pass
3MHz_High_QPSK_15@0	20.51	16.80	0.048	7	Pass
3MHz_High_16QAM_1@0	20.87	17.16	0.052	7	Pass
3MHz_High_16QAM_1@8	20.90	17.19	0.052	7	Pass
3MHz_High_16QAM_1@14	20.90	17.19	0.052	7	Pass
3MHz_High_16QAM_8@0	19.64	15.93	0.039	7	Pass
3MHz_High_16QAM_8@4	19.68	15.97	0.040	7	Pass
3MHz_High_16QAM_8@7	19.60	15.89	0.039	7	Pass
3MHz_High_16QAM_15@0	19.53	15.82	0.038	7	Pass
5MHz_Low_QPSK_1@0	21.55	17.84	0.061	7	Pass
5MHz_Low_QPSK_1@12	21.81	18.10	0.065	7	Pass
5MHz_Low_QPSK_1@24	21.56	17.85	0.061	7	Pass
5MHz_Low_QPSK_12@0	20.71	17.00	0.050	7	Pass
5MHz_Low_QPSK_12@7	20.75	17.04	0.051	7	Pass
5MHz_Low_QPSK_12@13	20.67	16.96	0.050	7	Pass
5MHz_Low_QPSK_25@0	20.70	16.99	0.050	7	Pass
5MHz_Low_16QAM_1@0	20.60	16.89	0.049	7	Pass
5MHz_Low_16QAM_1@12	20.84	17.13	0.052	7	Pass
5MHz_Low_16QAM_1@24	20.54	16.83	0.048	7	Pass
5MHz_Low_16QAM_12@0	19.78	16.07	0.040	7	Pass
5MHz_Low_16QAM_12@7	19.80	16.09	0.041	7	Pass
5MHz_Low_16QAM_12@13	19.69	15.98	0.040	7	Pass
5MHz_Low_16QAM_25@0	19.67	15.96	0.039	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	21.46	17.75	0.060	7	Pass
5MHz_Middle_QPSK_1@12	21.74	18.03	0.064	7	Pass
5MHz_Middle_QPSK_1@24	21.57	17.86	0.061	7	Pass
5MHz_Middle_QPSK_12@0	20.52	16.81	0.048	7	Pass
5MHz_Middle_QPSK_12@7	20.65	16.94	0.049	7	Pass
5MHz_Middle_QPSK_12@13	20.63	16.92	0.049	7	Pass
5MHz_Middle_QPSK_25@0	20.61	16.90	0.049	7	Pass
5MHz_Middle_16QAM_1@0	20.42	16.71	0.047	7	Pass
5MHz_Middle_16QAM_1@12	20.78	17.07	0.051	7	Pass
5MHz_Middle_16QAM_1@24	20.64	16.93	0.049	7	Pass
5MHz_Middle_16QAM_12@0	19.56	15.85	0.038	7	Pass
5MHz_Middle_16QAM_12@7	19.67	15.96	0.039	7	Pass
5MHz_Middle_16QAM_12@13	19.69	15.98	0.040	7	Pass
5MHz_Middle_16QAM_25@0	19.62	15.91	0.039	7	Pass
5MHz_High_QPSK_1@0	21.37	17.66	0.058	7	Pass
5MHz_High_QPSK_1@12	21.63	17.92	0.062	7	Pass
5MHz_High_QPSK_1@24	21.37	17.66	0.058	7	Pass
5MHz_High_QPSK_12@0	20.54	16.83	0.048	7	Pass
5MHz_High_QPSK_12@7	20.56	16.85	0.048	7	Pass
5MHz_High_QPSK_12@13	20.46	16.75	0.047	7	Pass
5MHz_High_QPSK_25@0	20.49	16.78	0.048	7	Pass
5MHz_High_16QAM_1@0	21	17.29	0.054	7	Pass
5MHz_High_16QAM_1@12	21.26	17.55	0.057	7	Pass
5MHz_High_16QAM_1@24	21	17.29	0.054	7	Pass
5MHz_High_16QAM_12@0	19.60	15.89	0.039	7	Pass
5MHz_High_16QAM_12@7	19.65	15.94	0.039	7	Pass
5MHz_High_16QAM_12@13	19.53	15.82	0.038	7	Pass
5MHz_High_16QAM_25@0	19.56	15.85	0.038	7	Pass
10MHz_Low_QPSK_1@0	21.49	17.78	0.060	7	Pass
10MHz_Low_QPSK_1@25	21.65	17.94	0.062	7	Pass
10MHz_Low_QPSK_1@49	21.43	17.72	0.059	7	Pass
10MHz_Low_QPSK_25@0	20.73	17.02	0.050	7	Pass
10MHz_Low_QPSK_25@12	20.73	17.02	0.050	7	Pass
10MHz_Low_QPSK_25@25	20.65	16.94	0.049	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	20.67	16.96	0.050	7	Pass
10MHz_Low_16QAM_1@0	20.46	16.75	0.047	7	Pass
10MHz_Low_16QAM_1@25	20.55	16.84	0.048	7	Pass
10MHz_Low_16QAM_1@49	20.33	16.62	0.046	7	Pass
10MHz_Low_16QAM_25@0	19.82	16.11	0.041	7	Pass
10MHz_Low_16QAM_25@12	19.80	16.09	0.041	7	Pass
10MHz_Low_16QAM_25@25	19.73	16.02	0.040	7	Pass
10MHz_Low_16QAM_50@0	19.70	15.99	0.040	7	Pass
10MHz_Middle_QPSK_1@0	21.51	17.80	0.060	7	Pass
10MHz_Middle_QPSK_1@25	21.66	17.95	0.062	7	Pass
10MHz_Middle_QPSK_1@49	21.75	18.04	0.064	7	Pass
10MHz_Middle_QPSK_25@0	20.55	16.84	0.048	7	Pass
10MHz_Middle_QPSK_25@12	20.66	16.95	0.050	7	Pass
10MHz_Middle_QPSK_25@25	20.76	17.05	0.051	7	Pass
10MHz_Middle_QPSK_50@0	20.67	16.96	0.050	7	Pass
10MHz_Middle_16QAM_1@0	20.45	16.74	0.047	7	Pass
10MHz_Middle_16QAM_1@25	20.61	16.90	0.049	7	Pass
10MHz_Middle_16QAM_1@49	20.76	17.05	0.051	7	Pass
10MHz_Middle_16QAM_25@0	19.64	15.93	0.039	7	Pass
10MHz_Middle_16QAM_25@12	19.71	16.00	0.040	7	Pass
10MHz_Middle_16QAM_25@25	19.87	16.16	0.041	7	Pass
10MHz_Middle_16QAM_50@0	19.66	15.95	0.039	7	Pass
10MHz_High_QPSK_1@0	21.78	18.07	0.064	7	Pass
10MHz_High_QPSK_1@25	21.85	18.14	0.065	7	Pass
10MHz_High_QPSK_1@49	21.67	17.96	0.063	7	Pass
10MHz_High_QPSK_25@0	20.83	17.12	0.052	7	Pass
10MHz_High_QPSK_25@12	20.64	16.93	0.049	7	Pass
10MHz_High_QPSK_25@25	20.51	16.80	0.048	7	Pass
10MHz_High_QPSK_50@0	20.65	16.94	0.049	7	Pass
10MHz_High_16QAM_1@0	21.02	17.31	0.054	7	Pass
10MHz_High_16QAM_1@25	21.02	17.31	0.054	7	Pass
10MHz_High_16QAM_1@49	20.91	17.20	0.052	7	Pass
10MHz_High_16QAM_25@0	19.88	16.17	0.041	7	Pass
10MHz_High_16QAM_25@12	19.69	15.98	0.040	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	19.56	15.85	0.038	7	Pass
10MHz_High_16QAM_50@0	19.62	15.91	0.039	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 = -1.56dBi;

2.Cable Loss = 0dB.

FCC Part 24E

LTE Band 2, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	17.98	16.78	0.048	2	Pass
1.4MHz_Low_QPSK_1@3	18.04	16.84	0.048	2	Pass
1.4MHz_Low_QPSK_1@5	17.93	16.73	0.047	2	Pass
1.4MHz_Low_QPSK_3@0	18.15	16.95	0.050	2	Pass
1.4MHz_Low_QPSK_3@1	18.17	16.97	0.050	2	Pass
1.4MHz_Low_QPSK_3@3	18.12	16.92	0.049	2	Pass
1.4MHz_Low_QPSK_6@0	17.11	15.91	0.039	2	Pass
1.4MHz_Low_16QAM_1@0	16.87	15.67	0.037	2	Pass
1.4MHz_Low_16QAM_1@3	17.03	15.83	0.038	2	Pass
1.4MHz_Low_16QAM_1@5	16.85	15.65	0.037	2	Pass
1.4MHz_Low_16QAM_3@0	17.29	16.09	0.041	2	Pass
1.4MHz_Low_16QAM_3@1	17.39	16.19	0.042	2	Pass
1.4MHz_Low_16QAM_3@3	17.35	16.15	0.041	2	Pass
1.4MHz_Low_16QAM_6@0	16.34	15.14	0.033	2	Pass
1.4MHz_Middle_QPSK_1@0	17.56	16.36	0.043	2	Pass
1.4MHz_Middle_QPSK_1@3	17.70	16.50	0.045	2	Pass
1.4MHz_Middle_QPSK_1@5	17.64	16.44	0.044	2	Pass
1.4MHz_Middle_QPSK_3@0	17.53	16.33	0.043	2	Pass
1.4MHz_Middle_QPSK_3@1	17.58	16.38	0.043	2	Pass
1.4MHz_Middle_QPSK_3@3	17.55	16.35	0.043	2	Pass
1.4MHz_Middle_QPSK_6@0	16.44	15.24	0.033	2	Pass
1.4MHz_Middle_16QAM_1@0	16.82	15.62	0.036	2	Pass
1.4MHz_Middle_16QAM_1@3	16.99	15.79	0.038	2	Pass
1.4MHz_Middle_16QAM_1@5	16.85	15.65	0.037	2	Pass
1.4MHz_Middle_16QAM_3@0	16.85	15.65	0.037	2	Pass
1.4MHz_Middle_16QAM_3@1	16.90	15.70	0.037	2	Pass
1.4MHz_Middle_16QAM_3@3	16.90	15.70	0.037	2	Pass
1.4MHz_Middle_16QAM_6@0	15.39	14.19	0.026	2	Pass
1.4MHz_High_QPSK_1@0	17.07	15.87	0.039	2	Pass
1.4MHz_High_QPSK_1@3	17.26	16.06	0.040	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	17.11	15.91	0.039	2	Pass
1.4MHz_High_QPSK_3@0	17.29	16.09	0.041	2	Pass
1.4MHz_High_QPSK_3@1	17.36	16.16	0.041	2	Pass
1.4MHz_High_QPSK_3@3	17.28	16.08	0.041	2	Pass
1.4MHz_High_QPSK_6@0	16.29	15.09	0.032	2	Pass
1.4MHz_High_16QAM_1@0	16	14.80	0.030	2	Pass
1.4MHz_High_16QAM_1@3	16.17	14.97	0.031	2	Pass
1.4MHz_High_16QAM_1@5	16.02	14.82	0.030	2	Pass
1.4MHz_High_16QAM_3@0	16.44	15.24	0.033	2	Pass
1.4MHz_High_16QAM_3@1	16.47	15.27	0.034	2	Pass
1.4MHz_High_16QAM_3@3	16.48	15.28	0.034	2	Pass
1.4MHz_High_16QAM_6@0	15.48	14.28	0.027	2	Pass
3MHz_Low_QPSK_1@0	18	16.80	0.048	2	Pass
3MHz_Low_QPSK_1@8	18.01	16.81	0.048	2	Pass
3MHz_Low_QPSK_1@14	17.93	16.73	0.047	2	Pass
3MHz_Low_QPSK_8@0	17.13	15.93	0.039	2	Pass
3MHz_Low_QPSK_8@4	17.14	15.94	0.039	2	Pass
3MHz_Low_QPSK_8@7	17.15	15.95	0.039	2	Pass
3MHz_Low_QPSK_15@0	17.13	15.93	0.039	2	Pass
3MHz_Low_16QAM_1@0	17.03	15.83	0.038	2	Pass
3MHz_Low_16QAM_1@8	16.97	15.77	0.038	2	Pass
3MHz_Low_16QAM_1@14	16.86	15.66	0.037	2	Pass
3MHz_Low_16QAM_8@0	16.13	14.93	0.031	2	Pass
3MHz_Low_16QAM_8@4	16.19	14.99	0.032	2	Pass
3MHz_Low_16QAM_8@7	16.12	14.92	0.031	2	Pass
3MHz_Low_16QAM_15@0	16.13	14.93	0.031	2	Pass
3MHz_Middle_QPSK_1@0	17.53	16.33	0.043	2	Pass
3MHz_Middle_QPSK_1@8	17.56	16.36	0.043	2	Pass
3MHz_Middle_QPSK_1@14	17.57	16.37	0.043	2	Pass
3MHz_Middle_QPSK_8@0	16.59	15.39	0.035	2	Pass
3MHz_Middle_QPSK_8@4	16.63	15.43	0.035	2	Pass
3MHz_Middle_QPSK_8@7	16.60	15.40	0.035	2	Pass
3MHz_Middle_QPSK_15@0	16.60	15.40	0.035	2	Pass
3MHz_Middle_16QAM_1@0	16.57	15.37	0.034	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	16.55	15.35	0.034	2	Pass
3MHz_Middle_16QAM_1@14	16.53	15.33	0.034	2	Pass
3MHz_Middle_16QAM_8@0	15.62	14.42	0.028	2	Pass
3MHz_Middle_16QAM_8@4	15.69	14.49	0.028	2	Pass
3MHz_Middle_16QAM_8@7	15.61	14.41	0.028	2	Pass
3MHz_Middle_16QAM_15@0	15.64	14.44	0.028	2	Pass
3MHz_High_QPSK_1@0	17.49	16.29	0.043	2	Pass
3MHz_High_QPSK_1@8	17.55	16.35	0.043	2	Pass
3MHz_High_QPSK_1@14	17.54	16.34	0.043	2	Pass
3MHz_High_QPSK_8@0	16.33	15.13	0.033	2	Pass
3MHz_High_QPSK_8@4	16.37	15.17	0.033	2	Pass
3MHz_High_QPSK_8@7	16.31	15.11	0.032	2	Pass
3MHz_High_QPSK_15@0	16.33	15.13	0.033	2	Pass
3MHz_High_16QAM_1@0	16.69	15.49	0.035	2	Pass
3MHz_High_16QAM_1@8	16.76	15.56	0.036	2	Pass
3MHz_High_16QAM_1@14	16.74	15.54	0.036	2	Pass
3MHz_High_16QAM_8@0	15.50	14.30	0.027	2	Pass
3MHz_High_16QAM_8@4	15.51	14.31	0.027	2	Pass
3MHz_High_16QAM_8@7	15.43	14.23	0.026	2	Pass
3MHz_High_16QAM_15@0	15.37	14.17	0.026	2	Pass
5MHz_Low_QPSK_1@0	18.07	16.87	0.049	2	Pass
5MHz_Low_QPSK_1@12	18.29	17.09	0.051	2	Pass
5MHz_Low_QPSK_1@24	18	16.80	0.048	2	Pass
5MHz_Low_QPSK_12@0	17.07	15.87	0.039	2	Pass
5MHz_Low_QPSK_12@7	17.21	16.01	0.040	2	Pass
5MHz_Low_QPSK_12@13	17.15	15.95	0.039	2	Pass
5MHz_Low_QPSK_25@0	17.12	15.92	0.039	2	Pass
5MHz_Low_16QAM_1@0	17.19	15.99	0.040	2	Pass
5MHz_Low_16QAM_1@12	17.33	16.13	0.041	2	Pass
5MHz_Low_16QAM_1@24	17.03	15.83	0.038	2	Pass
5MHz_Low_16QAM_12@0	16.11	14.91	0.031	2	Pass
5MHz_Low_16QAM_12@7	16.25	15.05	0.032	2	Pass
5MHz_Low_16QAM_12@13	16.18	14.98	0.031	2	Pass
5MHz_Low_16QAM_25@0	16.18	14.98	0.031	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	17.46	16.26	0.042	2	Pass
5MHz_Middle_QPSK_1@12	17.74	16.54	0.045	2	Pass
5MHz_Middle_QPSK_1@24	17.43	16.23	0.042	2	Pass
5MHz_Middle_QPSK_12@0	16.53	15.33	0.034	2	Pass
5MHz_Middle_QPSK_12@7	16.66	15.46	0.035	2	Pass
5MHz_Middle_QPSK_12@13	16.58	15.38	0.035	2	Pass
5MHz_Middle_QPSK_25@0	16.57	15.37	0.034	2	Pass
5MHz_Middle_16QAM_1@0	17.13	15.93	0.039	2	Pass
5MHz_Middle_16QAM_1@12	17.39	16.19	0.042	2	Pass
5MHz_Middle_16QAM_1@24	17.08	15.88	0.039	2	Pass
5MHz_Middle_16QAM_12@0	15.65	14.45	0.028	2	Pass
5MHz_Middle_16QAM_12@7	15.73	14.53	0.028	2	Pass
5MHz_Middle_16QAM_12@13	15.65	14.45	0.028	2	Pass
5MHz_Middle_16QAM_25@0	15.68	14.48	0.028	2	Pass
5MHz_High_QPSK_1@0	17.25	16.05	0.040	2	Pass
5MHz_High_QPSK_1@12	17.48	16.28	0.042	2	Pass
5MHz_High_QPSK_1@24	17.24	16.04	0.040	2	Pass
5MHz_High_QPSK_12@0	16.38	15.18	0.033	2	Pass
5MHz_High_QPSK_12@7	16.39	15.19	0.033	2	Pass
5MHz_High_QPSK_12@13	16.33	15.13	0.033	2	Pass
5MHz_High_QPSK_25@0	16.33	15.13	0.033	2	Pass
5MHz_High_16QAM_1@0	16.32	15.12	0.033	2	Pass
5MHz_High_16QAM_1@12	16.56	15.36	0.034	2	Pass
5MHz_High_16QAM_1@24	16.29	15.09	0.032	2	Pass
5MHz_High_16QAM_12@0	15.43	14.23	0.026	2	Pass
5MHz_High_16QAM_12@7	15.50	14.30	0.027	2	Pass
5MHz_High_16QAM_12@13	15.36	14.16	0.026	2	Pass
5MHz_High_16QAM_25@0	15.33	14.13	0.026	2	Pass
10MHz_Low_QPSK_1@0	18	16.80	0.048	2	Pass
10MHz_Low_QPSK_1@25	18.07	16.87	0.049	2	Pass
10MHz_Low_QPSK_1@49	17.90	16.70	0.047	2	Pass
10MHz_Low_QPSK_25@0	17.02	15.82	0.038	2	Pass
10MHz_Low_QPSK_25@12	17.07	15.87	0.039	2	Pass
10MHz_Low_QPSK_25@25	17.07	15.87	0.039	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	17.03	15.83	0.038	2	Pass
10MHz_Low_16QAM_1@0	16.99	15.79	0.038	2	Pass
10MHz_Low_16QAM_1@25	16.99	15.79	0.038	2	Pass
10MHz_Low_16QAM_1@49	16.82	15.62	0.036	2	Pass
10MHz_Low_16QAM_25@0	16.15	14.95	0.031	2	Pass
10MHz_Low_16QAM_25@12	16.23	15.03	0.032	2	Pass
10MHz_Low_16QAM_25@25	16.13	14.93	0.031	2	Pass
10MHz_Low_16QAM_50@0	16.06	14.86	0.031	2	Pass
10MHz_Middle_QPSK_1@0	17.62	16.42	0.044	2	Pass
10MHz_Middle_QPSK_1@25	17.68	16.48	0.044	2	Pass
10MHz_Middle_QPSK_1@49	17.53	16.33	0.043	2	Pass
10MHz_Middle_QPSK_25@0	16.56	15.36	0.034	2	Pass
10MHz_Middle_QPSK_25@12	16.62	15.42	0.035	2	Pass
10MHz_Middle_QPSK_25@25	16.59	15.39	0.035	2	Pass
10MHz_Middle_QPSK_50@0	16.60	15.40	0.035	2	Pass
10MHz_Middle_16QAM_1@0	16.65	15.45	0.035	2	Pass
10MHz_Middle_16QAM_1@25	16.77	15.57	0.036	2	Pass
10MHz_Middle_16QAM_1@49	16.56	15.36	0.034	2	Pass
10MHz_Middle_16QAM_25@0	15.69	14.49	0.028	2	Pass
10MHz_Middle_16QAM_25@12	15.73	14.53	0.028	2	Pass
10MHz_Middle_16QAM_25@25	15.70	14.50	0.028	2	Pass
10MHz_Middle_16QAM_50@0	15.62	14.42	0.028	2	Pass
10MHz_High_QPSK_1@0	17.60	16.40	0.044	2	Pass
10MHz_High_QPSK_1@25	17.68	16.48	0.044	2	Pass
10MHz_High_QPSK_1@49	17.53	16.33	0.043	2	Pass
10MHz_High_QPSK_25@0	16.40	15.20	0.033	2	Pass
10MHz_High_QPSK_25@12	16.39	15.19	0.033	2	Pass
10MHz_High_QPSK_25@25	16.34	15.14	0.033	2	Pass
10MHz_High_QPSK_50@0	16.41	15.21	0.033	2	Pass
10MHz_High_16QAM_1@0	16.77	15.57	0.036	2	Pass
10MHz_High_16QAM_1@25	16.96	15.76	0.038	2	Pass
10MHz_High_16QAM_1@49	16.75	15.55	0.036	2	Pass
10MHz_High_16QAM_25@0	15.47	14.27	0.027	2	Pass
10MHz_High_16QAM_25@12	15.47	14.27	0.027	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	15.40	14.20	0.026	2	Pass
10MHz_High_16QAM_50@0	15.40	14.20	0.026	2	Pass
15MHz_Low_QPSK_1@0	18.10	16.90	0.049	2	Pass
15MHz_Low_QPSK_1@37	18.23	17.03	0.050	2	Pass
15MHz_Low_QPSK_1@74	17.92	16.72	0.047	2	Pass
15MHz_Low_QPSK_36@0	17.03	15.83	0.038	2	Pass
15MHz_Low_QPSK_36@20	17.06	15.86	0.039	2	Pass
15MHz_Low_QPSK_36@39	16.97	15.77	0.038	2	Pass
15MHz_Low_QPSK_75@0	16.96	15.76	0.038	2	Pass
15MHz_Low_16QAM_1@0	17.23	16.03	0.040	2	Pass
15MHz_Low_16QAM_1@37	17.31	16.11	0.041	2	Pass
15MHz_Low_16QAM_1@74	17.04	15.84	0.038	2	Pass
15MHz_Low_16QAM_36@0	16	14.80	0.030	2	Pass
15MHz_Low_16QAM_36@20	16.02	14.82	0.030	2	Pass
15MHz_Low_16QAM_36@39	15.93	14.73	0.030	2	Pass
15MHz_Low_16QAM_75@0	15.96	14.76	0.030	2	Pass
15MHz_Middle_QPSK_1@0	17.50	16.30	0.043	2	Pass
15MHz_Middle_QPSK_1@37	17.68	16.48	0.044	2	Pass
15MHz_Middle_QPSK_1@74	17.31	16.11	0.041	2	Pass
15MHz_Middle_QPSK_36@0	16.59	15.39	0.035	2	Pass
15MHz_Middle_QPSK_36@20	16.57	15.37	0.034	2	Pass
15MHz_Middle_QPSK_36@39	16.54	15.34	0.034	2	Pass
15MHz_Middle_QPSK_75@0	16.52	15.32	0.034	2	Pass
15MHz_Middle_16QAM_1@0	16.57	15.37	0.034	2	Pass
15MHz_Middle_16QAM_1@37	16.71	15.51	0.036	2	Pass
15MHz_Middle_16QAM_1@74	16.34	15.14	0.033	2	Pass
15MHz_Middle_16QAM_36@0	15.59	14.39	0.027	2	Pass
15MHz_Middle_16QAM_36@20	15.58	14.38	0.027	2	Pass
15MHz_Middle_16QAM_36@39	15.54	14.34	0.027	2	Pass
15MHz_Middle_16QAM_75@0	15.54	14.34	0.027	2	Pass
15MHz_High_QPSK_1@0	17.39	16.19	0.042	2	Pass
15MHz_High_QPSK_1@37	17.71	16.51	0.045	2	Pass
15MHz_High_QPSK_1@74	17.46	16.26	0.042	2	Pass
15MHz_High_QPSK_36@0	16.47	15.27	0.034	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	16.39	15.19	0.033	2	Pass
15MHz_High_QPSK_36@39	16.35	15.15	0.033	2	Pass
15MHz_High_QPSK_75@0	16.41	15.21	0.033	2	Pass
15MHz_High_16QAM_1@0	16.64	15.44	0.035	2	Pass
15MHz_High_16QAM_1@37	16.93	15.73	0.037	2	Pass
15MHz_High_16QAM_1@74	16.66	15.46	0.035	2	Pass
15MHz_High_16QAM_36@0	15.46	14.26	0.027	2	Pass
15MHz_High_16QAM_36@20	15.44	14.24	0.027	2	Pass
15MHz_High_16QAM_36@39	15.40	14.20	0.026	2	Pass
15MHz_High_16QAM_75@0	15.39	14.19	0.026	2	Pass
20MHz_Low_QPSK_1@0	17.70	16.50	0.045	2	Pass
20MHz_Low_QPSK_1@49	17.90	16.70	0.047	2	Pass
20MHz_Low_QPSK_1@99	17.39	16.19	0.042	2	Pass
20MHz_Low_QPSK_50@0	16.93	15.73	0.037	2	Pass
20MHz_Low_QPSK_50@24	16.99	15.79	0.038	2	Pass
20MHz_Low_QPSK_50@50	16.84	15.64	0.037	2	Pass
20MHz_Low_QPSK_100@0	16.88	15.68	0.037	2	Pass
20MHz_Low_16QAM_1@0	17.15	15.95	0.039	2	Pass
20MHz_Low_16QAM_1@49	17.30	16.10	0.041	2	Pass
20MHz_Low_16QAM_1@99	16.85	15.65	0.037	2	Pass
20MHz_Low_16QAM_50@0	15.90	14.70	0.030	2	Pass
20MHz_Low_16QAM_50@24	15.96	14.76	0.030	2	Pass
20MHz_Low_16QAM_50@50	15.80	14.60	0.029	2	Pass
20MHz_Low_16QAM_100@0	15.91	14.71	0.030	2	Pass
20MHz_Middle_QPSK_1@0	17.46	16.26	0.042	2	Pass
20MHz_Middle_QPSK_1@49	17.62	16.42	0.044	2	Pass
20MHz_Middle_QPSK_1@99	17.07	15.87	0.039	2	Pass
20MHz_Middle_QPSK_50@0	16.58	15.38	0.035	2	Pass
20MHz_Middle_QPSK_50@24	16.59	15.39	0.035	2	Pass
20MHz_Middle_QPSK_50@50	16.51	15.31	0.034	2	Pass
20MHz_Middle_QPSK_100@0	16.54	15.34	0.034	2	Pass
20MHz_Middle_16QAM_1@0	17.09	15.89	0.039	2	Pass
20MHz_Middle_16QAM_1@49	17.24	16.04	0.040	2	Pass
20MHz_Middle_16QAM_1@99	16.73	15.53	0.036	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	15.58	14.38	0.027	2	Pass
20MHz_Middle_16QAM_50@24	15.63	14.43	0.028	2	Pass
20MHz_Middle_16QAM_50@50	15.53	14.33	0.027	2	Pass
20MHz_Middle_16QAM_100@0	15.55	14.35	0.027	2	Pass
20MHz_High_QPSK_1@0	16.82	15.62	0.036	2	Pass
20MHz_High_QPSK_1@49	17.43	16.23	0.042	2	Pass
20MHz_High_QPSK_1@99	17.04	15.84	0.038	2	Pass
20MHz_High_QPSK_50@0	16.33	15.13	0.033	2	Pass
20MHz_High_QPSK_50@24	16.41	15.21	0.033	2	Pass
20MHz_High_QPSK_50@50	16.36	15.16	0.033	2	Pass
20MHz_High_QPSK_100@0	16.40	15.20	0.033	2	Pass
20MHz_High_16QAM_1@0	16.23	15.03	0.032	2	Pass
20MHz_High_16QAM_1@49	16.84	15.64	0.037	2	Pass
20MHz_High_16QAM_1@99	16.48	15.28	0.034	2	Pass
20MHz_High_16QAM_50@0	15.41	14.21	0.026	2	Pass
20MHz_High_16QAM_50@24	15.46	14.26	0.027	2	Pass
20MHz_High_16QAM_50@50	15.36	14.16	0.026	2	Pass
20MHz_High_16QAM_100@0	15.38	14.18	0.026	2	Pass

Note:

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

Band 2:

1.Antenna Gain = -1.2dBi;

2.Cable Loss = 0dB.

FCC Part 27

LTE Band 4, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	19.06	18.21	0.066	1	Pass
1.4MHz_Low_QPSK_1@3	19.24	18.39	0.069	1	Pass
1.4MHz_Low_QPSK_1@5	19.09	18.24	0.067	1	Pass
1.4MHz_Low_QPSK_3@0	19.08	18.23	0.067	1	Pass
1.4MHz_Low_QPSK_3@1	19.13	18.28	0.067	1	Pass
1.4MHz_Low_QPSK_3@3	19.03	18.18	0.066	1	Pass
1.4MHz_Low_QPSK_6@0	17.96	17.11	0.051	1	Pass
1.4MHz_Low_16QAM_1@0	18.36	17.51	0.056	1	Pass
1.4MHz_Low_16QAM_1@3	18.48	17.63	0.058	1	Pass
1.4MHz_Low_16QAM_1@5	18.32	17.47	0.056	1	Pass
1.4MHz_Low_16QAM_3@0	18.46	17.61	0.058	1	Pass
1.4MHz_Low_16QAM_3@1	18.44	17.59	0.057	1	Pass
1.4MHz_Low_16QAM_3@3	18.38	17.53	0.057	1	Pass
1.4MHz_Low_16QAM_6@0	16.91	16.06	0.040	1	Pass
1.4MHz_Middle_QPSK_1@0	18.49	17.64	0.058	1	Pass
1.4MHz_Middle_QPSK_1@3	18.64	17.79	0.060	1	Pass
1.4MHz_Middle_QPSK_1@5	18.55	17.70	0.059	1	Pass
1.4MHz_Middle_QPSK_3@0	18.79	17.94	0.062	1	Pass
1.4MHz_Middle_QPSK_3@1	18.80	17.95	0.062	1	Pass
1.4MHz_Middle_QPSK_3@3	18.82	17.97	0.063	1	Pass
1.4MHz_Middle_QPSK_6@0	17.69	16.84	0.048	1	Pass
1.4MHz_Middle_16QAM_1@0	17.50	16.65	0.046	1	Pass
1.4MHz_Middle_16QAM_1@3	17.63	16.78	0.048	1	Pass
1.4MHz_Middle_16QAM_1@5	17.46	16.61	0.046	1	Pass
1.4MHz_Middle_16QAM_3@0	17.96	17.11	0.051	1	Pass
1.4MHz_Middle_16QAM_3@1	18.03	17.18	0.052	1	Pass
1.4MHz_Middle_16QAM_3@3	18.02	17.17	0.052	1	Pass
1.4MHz_Middle_16QAM_6@0	16.93	16.08	0.041	1	Pass
1.4MHz_High_QPSK_1@0	18.52	17.67	0.058	1	Pass
1.4MHz_High_QPSK_1@3	18.67	17.82	0.061	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	18.51	17.66	0.058	1	Pass
1.4MHz_High_QPSK_3@0	18.84	17.99	0.063	1	Pass
1.4MHz_High_QPSK_3@1	18.81	17.96	0.063	1	Pass
1.4MHz_High_QPSK_3@3	18.84	17.99	0.063	1	Pass
1.4MHz_High_QPSK_6@0	17.69	16.84	0.048	1	Pass
1.4MHz_High_16QAM_1@0	17.48	16.63	0.046	1	Pass
1.4MHz_High_16QAM_1@3	17.61	16.76	0.047	1	Pass
1.4MHz_High_16QAM_1@5	17.48	16.63	0.046	1	Pass
1.4MHz_High_16QAM_3@0	17.95	17.10	0.051	1	Pass
1.4MHz_High_16QAM_3@1	17.97	17.12	0.052	1	Pass
1.4MHz_High_16QAM_3@3	17.92	17.07	0.051	1	Pass
1.4MHz_High_16QAM_6@0	16.91	16.06	0.040	1	Pass
3MHz_Low_QPSK_1@0	18.74	17.89	0.062	1	Pass
3MHz_Low_QPSK_1@8	18.79	17.94	0.062	1	Pass
3MHz_Low_QPSK_1@14	18.69	17.84	0.061	1	Pass
3MHz_Low_QPSK_8@0	17.91	17.06	0.051	1	Pass
3MHz_Low_QPSK_8@4	17.96	17.11	0.051	1	Pass
3MHz_Low_QPSK_8@7	17.81	16.96	0.050	1	Pass
3MHz_Low_QPSK_15@0	17.85	17.00	0.050	1	Pass
3MHz_Low_16QAM_1@0	17.79	16.94	0.049	1	Pass
3MHz_Low_16QAM_1@8	17.70	16.85	0.048	1	Pass
3MHz_Low_16QAM_1@14	17.61	16.76	0.047	1	Pass
3MHz_Low_16QAM_8@0	16.90	16.05	0.040	1	Pass
3MHz_Low_16QAM_8@4	16.97	16.12	0.041	1	Pass
3MHz_Low_16QAM_8@7	16.83	15.98	0.040	1	Pass
3MHz_Low_16QAM_15@0	16.88	16.03	0.040	1	Pass
3MHz_Middle_QPSK_1@0	18.56	17.71	0.059	1	Pass
3MHz_Middle_QPSK_1@8	18.61	17.76	0.060	1	Pass
3MHz_Middle_QPSK_1@14	18.58	17.73	0.059	1	Pass
3MHz_Middle_QPSK_8@0	17.66	16.81	0.048	1	Pass
3MHz_Middle_QPSK_8@4	17.71	16.86	0.049	1	Pass
3MHz_Middle_QPSK_8@7	17.65	16.80	0.048	1	Pass
3MHz_Middle_QPSK_15@0	17.65	16.80	0.048	1	Pass
3MHz_Middle_16QAM_1@0	17.61	16.76	0.047	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	17.64	16.79	0.048	1	Pass
3MHz_Middle_16QAM_1@14	17.59	16.74	0.047	1	Pass
3MHz_Middle_16QAM_8@0	16.73	15.88	0.039	1	Pass
3MHz_Middle_16QAM_8@4	16.78	15.93	0.039	1	Pass
3MHz_Middle_16QAM_8@7	16.71	15.86	0.039	1	Pass
3MHz_Middle_16QAM_15@0	16.73	15.88	0.039	1	Pass
3MHz_High_QPSK_1@0	18.83	17.98	0.063	1	Pass
3MHz_High_QPSK_1@8	18.83	17.98	0.063	1	Pass
3MHz_High_QPSK_1@14	18.86	18.01	0.063	1	Pass
3MHz_High_QPSK_8@0	17.63	16.78	0.048	1	Pass
3MHz_High_QPSK_8@4	17.66	16.81	0.048	1	Pass
3MHz_High_QPSK_8@7	17.66	16.81	0.048	1	Pass
3MHz_High_QPSK_15@0	17.67	16.82	0.048	1	Pass
3MHz_High_16QAM_1@0	18.03	17.18	0.052	1	Pass
3MHz_High_16QAM_1@8	18.13	17.28	0.053	1	Pass
3MHz_High_16QAM_1@14	18.08	17.23	0.053	1	Pass
3MHz_High_16QAM_8@0	16.81	15.96	0.039	1	Pass
3MHz_High_16QAM_8@4	16.83	15.98	0.040	1	Pass
3MHz_High_16QAM_8@7	16.79	15.94	0.039	1	Pass
3MHz_High_16QAM_15@0	16.70	15.85	0.038	1	Pass
5MHz_Low_QPSK_1@0	18.74	17.89	0.062	1	Pass
5MHz_Low_QPSK_1@12	19.04	18.19	0.066	1	Pass
5MHz_Low_QPSK_1@24	18.69	17.84	0.061	1	Pass
5MHz_Low_QPSK_12@0	17.90	17.05	0.051	1	Pass
5MHz_Low_QPSK_12@7	17.95	17.10	0.051	1	Pass
5MHz_Low_QPSK_12@13	17.83	16.98	0.050	1	Pass
5MHz_Low_QPSK_25@0	17.86	17.01	0.050	1	Pass
5MHz_Low_16QAM_1@0	17.85	17.00	0.050	1	Pass
5MHz_Low_16QAM_1@12	18.09	17.24	0.053	1	Pass
5MHz_Low_16QAM_1@24	17.78	16.93	0.049	1	Pass
5MHz_Low_16QAM_12@0	16.98	16.13	0.041	1	Pass
5MHz_Low_16QAM_12@7	17.02	16.17	0.041	1	Pass
5MHz_Low_16QAM_12@13	16.94	16.09	0.041	1	Pass
5MHz_Low_16QAM_25@0	16.91	16.06	0.040	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	18.55	17.70	0.059	1	Pass
5MHz_Middle_QPSK_1@12	18.86	18.01	0.063	1	Pass
5MHz_Middle_QPSK_1@24	18.51	17.66	0.058	1	Pass
5MHz_Middle_QPSK_12@0	17.61	16.76	0.047	1	Pass
5MHz_Middle_QPSK_12@7	17.71	16.86	0.049	1	Pass
5MHz_Middle_QPSK_12@13	17.59	16.74	0.047	1	Pass
5MHz_Middle_QPSK_25@0	17.64	16.79	0.048	1	Pass
5MHz_Middle_16QAM_1@0	17.57	16.72	0.047	1	Pass
5MHz_Middle_16QAM_1@12	17.90	17.05	0.051	1	Pass
5MHz_Middle_16QAM_1@24	17.54	16.69	0.047	1	Pass
5MHz_Middle_16QAM_12@0	16.70	15.85	0.038	1	Pass
5MHz_Middle_16QAM_12@7	16.78	15.93	0.039	1	Pass
5MHz_Middle_16QAM_12@13	16.64	15.79	0.038	1	Pass
5MHz_Middle_16QAM_25@0	16.67	15.82	0.038	1	Pass
5MHz_High_QPSK_1@0	18.41	17.56	0.057	1	Pass
5MHz_High_QPSK_1@12	18.78	17.93	0.062	1	Pass
5MHz_High_QPSK_1@24	18.52	17.67	0.058	1	Pass
5MHz_High_QPSK_12@0	17.63	16.78	0.048	1	Pass
5MHz_High_QPSK_12@7	17.72	16.87	0.049	1	Pass
5MHz_High_QPSK_12@13	17.67	16.82	0.048	1	Pass
5MHz_High_QPSK_25@0	17.65	16.80	0.048	1	Pass
5MHz_High_16QAM_1@0	18.16	17.31	0.054	1	Pass
5MHz_High_16QAM_1@12	18.50	17.65	0.058	1	Pass
5MHz_High_16QAM_1@24	18.19	17.34	0.054	1	Pass
5MHz_High_16QAM_12@0	16.73	15.88	0.039	1	Pass
5MHz_High_16QAM_12@7	16.80	15.95	0.039	1	Pass
5MHz_High_16QAM_12@13	16.73	15.88	0.039	1	Pass
5MHz_High_16QAM_25@0	16.76	15.91	0.039	1	Pass
10MHz_Low_QPSK_1@0	18.72	17.87	0.061	1	Pass
10MHz_Low_QPSK_1@25	18.82	17.97	0.063	1	Pass
10MHz_Low_QPSK_1@49	18.68	17.83	0.061	1	Pass
10MHz_Low_QPSK_25@0	17.87	17.02	0.050	1	Pass
10MHz_Low_QPSK_25@12	17.88	17.03	0.050	1	Pass
10MHz_Low_QPSK_25@25	17.89	17.04	0.051	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	17.88	17.03	0.050	1	Pass
10MHz_Low_16QAM_1@0	17.70	16.85	0.048	1	Pass
10MHz_Low_16QAM_1@25	17.77	16.92	0.049	1	Pass
10MHz_Low_16QAM_1@49	17.65	16.80	0.048	1	Pass
10MHz_Low_16QAM_25@0	16.95	16.10	0.041	1	Pass
10MHz_Low_16QAM_25@12	17.01	16.16	0.041	1	Pass
10MHz_Low_16QAM_25@25	17.01	16.16	0.041	1	Pass
10MHz_Low_16QAM_50@0	16.97	16.12	0.041	1	Pass
10MHz_Middle_QPSK_1@0	18.58	17.73	0.059	1	Pass
10MHz_Middle_QPSK_1@25	18.73	17.88	0.061	1	Pass
10MHz_Middle_QPSK_1@49	18.52	17.67	0.058	1	Pass
10MHz_Middle_QPSK_25@0	17.62	16.77	0.048	1	Pass
10MHz_Middle_QPSK_25@12	17.69	16.84	0.048	1	Pass
10MHz_Middle_QPSK_25@25	17.60	16.75	0.047	1	Pass
10MHz_Middle_QPSK_50@0	17.61	16.76	0.047	1	Pass
10MHz_Middle_16QAM_1@0	17.60	16.75	0.047	1	Pass
10MHz_Middle_16QAM_1@25	17.76	16.91	0.049	1	Pass
10MHz_Middle_16QAM_1@49	17.53	16.68	0.047	1	Pass
10MHz_Middle_16QAM_25@0	16.73	15.88	0.039	1	Pass
10MHz_Middle_16QAM_25@12	16.80	15.95	0.039	1	Pass
10MHz_Middle_16QAM_25@25	16.73	15.88	0.039	1	Pass
10MHz_Middle_16QAM_50@0	16.64	15.79	0.038	1	Pass
10MHz_High_QPSK_1@0	18.78	17.93	0.062	1	Pass
10MHz_High_QPSK_1@25	18.99	18.14	0.065	1	Pass
10MHz_High_QPSK_1@49	18.84	17.99	0.063	1	Pass
10MHz_High_QPSK_25@0	17.65	16.80	0.048	1	Pass
10MHz_High_QPSK_25@12	17.67	16.82	0.048	1	Pass
10MHz_High_QPSK_25@25	17.67	16.82	0.048	1	Pass
10MHz_High_QPSK_50@0	17.66	16.81	0.048	1	Pass
10MHz_High_16QAM_1@0	18.05	17.20	0.052	1	Pass
10MHz_High_16QAM_1@25	18.16	17.31	0.054	1	Pass
10MHz_High_16QAM_1@49	18.06	17.21	0.053	1	Pass
10MHz_High_16QAM_25@0	16.75	15.90	0.039	1	Pass
10MHz_High_16QAM_25@12	16.78	15.93	0.039	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	16.76	15.91	0.039	1	Pass
10MHz_High_16QAM_50@0	16.70	15.85	0.038	1	Pass
15MHz_Low_QPSK_1@0	18.83	17.98	0.063	1	Pass
15MHz_Low_QPSK_1@37	19.02	18.17	0.066	1	Pass
15MHz_Low_QPSK_1@74	18.75	17.90	0.062	1	Pass
15MHz_Low_QPSK_36@0	17.78	16.93	0.049	1	Pass
15MHz_Low_QPSK_36@20	17.86	17.01	0.050	1	Pass
15MHz_Low_QPSK_36@39	17.80	16.95	0.050	1	Pass
15MHz_Low_QPSK_75@0	17.80	16.95	0.050	1	Pass
15MHz_Low_16QAM_1@0	17.93	17.08	0.051	1	Pass
15MHz_Low_16QAM_1@37	18.08	17.23	0.053	1	Pass
15MHz_Low_16QAM_1@74	17.80	16.95	0.050	1	Pass
15MHz_Low_16QAM_36@0	16.82	15.97	0.040	1	Pass
15MHz_Low_16QAM_36@20	16.86	16.01	0.040	1	Pass
15MHz_Low_16QAM_36@39	16.82	15.97	0.040	1	Pass
15MHz_Low_16QAM_75@0	16.80	15.95	0.039	1	Pass
15MHz_Middle_QPSK_1@0	18.51	17.66	0.058	1	Pass
15MHz_Middle_QPSK_1@37	18.75	17.90	0.062	1	Pass
15MHz_Middle_QPSK_1@74	18.37	17.52	0.056	1	Pass
15MHz_Middle_QPSK_36@0	17.66	16.81	0.048	1	Pass
15MHz_Middle_QPSK_36@20	17.69	16.84	0.048	1	Pass
15MHz_Middle_QPSK_36@39	17.60	16.75	0.047	1	Pass
15MHz_Middle_QPSK_75@0	17.59	16.74	0.047	1	Pass
15MHz_Middle_16QAM_1@0	17.52	16.67	0.046	1	Pass
15MHz_Middle_16QAM_1@37	17.73	16.88	0.049	1	Pass
15MHz_Middle_16QAM_1@74	17.43	16.58	0.045	1	Pass
15MHz_Middle_16QAM_36@0	16.68	15.83	0.038	1	Pass
15MHz_Middle_16QAM_36@20	16.70	15.85	0.038	1	Pass
15MHz_Middle_16QAM_36@39	16.66	15.81	0.038	1	Pass
15MHz_Middle_16QAM_75@0	16.60	15.75	0.038	1	Pass
15MHz_High_QPSK_1@0	18.40	17.55	0.057	1	Pass
15MHz_High_QPSK_1@37	18.95	18.10	0.065	1	Pass
15MHz_High_QPSK_1@74	18.81	17.96	0.063	1	Pass
15MHz_High_QPSK_36@0	17.43	16.58	0.045	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	17.66	16.81	0.048	1	Pass
15MHz_High_QPSK_36@39	17.67	16.82	0.048	1	Pass
15MHz_High_QPSK_75@0	17.55	16.70	0.047	1	Pass
15MHz_High_16QAM_1@0	17.61	16.76	0.047	1	Pass
15MHz_High_16QAM_1@37	18.19	17.34	0.054	1	Pass
15MHz_High_16QAM_1@74	18.05	17.20	0.052	1	Pass
15MHz_High_16QAM_36@0	16.51	15.66	0.037	1	Pass
15MHz_High_16QAM_36@20	16.75	15.90	0.039	1	Pass
15MHz_High_16QAM_36@39	16.68	15.83	0.038	1	Pass
15MHz_High_16QAM_75@0	16.61	15.76	0.038	1	Pass
20MHz_Low_QPSK_1@0	18.48	17.63	0.058	1	Pass
20MHz_Low_QPSK_1@49	18.75	17.90	0.062	1	Pass
20MHz_Low_QPSK_1@99	18.32	17.47	0.056	1	Pass
20MHz_Low_QPSK_50@0	17.84	16.99	0.050	1	Pass
20MHz_Low_QPSK_50@24	17.80	16.95	0.050	1	Pass
20MHz_Low_QPSK_50@50	17.77	16.92	0.049	1	Pass
20MHz_Low_QPSK_100@0	17.82	16.97	0.050	1	Pass
20MHz_Low_16QAM_1@0	17.91	17.06	0.051	1	Pass
20MHz_Low_16QAM_1@49	18.19	17.34	0.054	1	Pass
20MHz_Low_16QAM_1@99	17.78	16.93	0.049	1	Pass
20MHz_Low_16QAM_50@0	16.81	15.96	0.039	1	Pass
20MHz_Low_16QAM_50@24	16.76	15.91	0.039	1	Pass
20MHz_Low_16QAM_50@50	16.80	15.95	0.039	1	Pass
20MHz_Low_16QAM_100@0	16.82	15.97	0.040	1	Pass
20MHz_Middle_QPSK_1@0	18.41	17.56	0.057	1	Pass
20MHz_Middle_QPSK_1@49	18.68	17.83	0.061	1	Pass
20MHz_Middle_QPSK_1@99	18.07	17.22	0.053	1	Pass
20MHz_Middle_QPSK_50@0	17.69	16.84	0.048	1	Pass
20MHz_Middle_QPSK_50@24	17.66	16.81	0.048	1	Pass
20MHz_Middle_QPSK_50@50	17.59	16.74	0.047	1	Pass
20MHz_Middle_QPSK_100@0	17.64	16.79	0.048	1	Pass
20MHz_Middle_16QAM_1@0	18.15	17.30	0.054	1	Pass
20MHz_Middle_16QAM_1@49	18.38	17.53	0.057	1	Pass
20MHz_Middle_16QAM_1@99	17.78	16.93	0.049	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	16.71	15.86	0.039	1	Pass
20MHz_Middle_16QAM_50@24	16.68	15.83	0.038	1	Pass
20MHz_Middle_16QAM_50@50	16.61	15.76	0.038	1	Pass
20MHz_Middle_16QAM_100@0	16.66	15.81	0.038	1	Pass
20MHz_High_QPSK_1@0	18.22	17.37	0.055	1	Pass
20MHz_High_QPSK_1@49	18.60	17.75	0.060	1	Pass
20MHz_High_QPSK_1@99	18.46	17.61	0.058	1	Pass
20MHz_High_QPSK_50@0	17.49	16.64	0.046	1	Pass
20MHz_High_QPSK_50@24	17.54	16.69	0.047	1	Pass
20MHz_High_QPSK_50@50	17.70	16.85	0.048	1	Pass
20MHz_High_QPSK_100@0	17.58	16.73	0.047	1	Pass
20MHz_High_16QAM_1@0	17.71	16.86	0.049	1	Pass
20MHz_High_16QAM_1@49	18.03	17.18	0.052	1	Pass
20MHz_High_16QAM_1@99	17.86	17.01	0.050	1	Pass
20MHz_High_16QAM_50@0	16.56	15.71	0.037	1	Pass
20MHz_High_16QAM_50@24	16.63	15.78	0.038	1	Pass
20MHz_High_16QAM_50@50	16.77	15.92	0.039	1	Pass
20MHz_High_16QAM_100@0	16.67	15.82	0.038	1	Pass

Note:

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

Band 4:

1.Antenna Gain = -0.85dBi;

2.Cable Loss = 0dB.

LTE Band 7, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	19.43	18.81	0.076	2	Pass
5MHz_Low_QPSK_1@12	19.57	18.95	0.079	2	Pass
5MHz_Low_QPSK_1@24	19.09	18.47	0.070	2	Pass
5MHz_Low_QPSK_12@0	18.54	17.92	0.062	2	Pass
5MHz_Low_QPSK_12@7	18.46	17.84	0.061	2	Pass
5MHz_Low_QPSK_12@13	18.33	17.71	0.059	2	Pass
5MHz_Low_QPSK_25@0	18.36	17.74	0.059	2	Pass
5MHz_Low_16QAM_1@0	18.47	17.85	0.061	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_1@12	18.57	17.95	0.062	2	Pass
5MHz_Low_16QAM_1@24	18.12	17.50	0.056	2	Pass
5MHz_Low_16QAM_12@0	17.52	16.90	0.049	2	Pass
5MHz_Low_16QAM_12@7	17.51	16.89	0.049	2	Pass
5MHz_Low_16QAM_12@13	17.37	16.75	0.047	2	Pass
5MHz_Low_16QAM_25@0	17.35	16.73	0.047	2	Pass
5MHz_Middle_QPSK_1@0	18.81	18.19	0.066	2	Pass
5MHz_Middle_QPSK_1@12	18.86	18.24	0.067	2	Pass
5MHz_Middle_QPSK_1@24	18.75	18.13	0.065	2	Pass
5MHz_Middle_QPSK_12@0	17.78	17.16	0.052	2	Pass
5MHz_Middle_QPSK_12@7	17.87	17.25	0.053	2	Pass
5MHz_Middle_QPSK_12@13	17.82	17.20	0.052	2	Pass
5MHz_Middle_QPSK_25@0	17.81	17.19	0.052	2	Pass
5MHz_Middle_16QAM_1@0	17.92	17.30	0.054	2	Pass
5MHz_Middle_16QAM_1@12	17.95	17.33	0.054	2	Pass
5MHz_Middle_16QAM_1@24	17.80	17.18	0.052	2	Pass
5MHz_Middle_16QAM_12@0	16.85	16.23	0.042	2	Pass
5MHz_Middle_16QAM_12@7	16.95	16.33	0.043	2	Pass
5MHz_Middle_16QAM_12@13	16.87	16.25	0.042	2	Pass
5MHz_Middle_16QAM_25@0	16.83	16.21	0.042	2	Pass
5MHz_High_QPSK_1@0	19.06	18.44	0.070	2	Pass
5MHz_High_QPSK_1@12	19.31	18.69	0.074	2	Pass
5MHz_High_QPSK_1@24	19.04	18.42	0.070	2	Pass
5MHz_High_QPSK_12@0	18.16	17.54	0.057	2	Pass
5MHz_High_QPSK_12@7	18.23	17.61	0.058	2	Pass
5MHz_High_QPSK_12@13	18.15	17.53	0.057	2	Pass
5MHz_High_QPSK_25@0	18.17	17.55	0.057	2	Pass
5MHz_High_16QAM_1@0	18.64	18.02	0.063	2	Pass
5MHz_High_16QAM_1@12	18.96	18.34	0.068	2	Pass
5MHz_High_16QAM_1@24	18.68	18.06	0.064	2	Pass
5MHz_High_16QAM_12@0	17.25	16.63	0.046	2	Pass
5MHz_High_16QAM_12@7	17.31	16.69	0.047	2	Pass
5MHz_High_16QAM_12@13	17.24	16.62	0.046	2	Pass
5MHz_High_16QAM_25@0	17.27	16.65	0.046	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@0	19.36	18.74	0.075	2	Pass
10MHz_Low_QPSK_1@25	19.13	18.51	0.071	2	Pass
10MHz_Low_QPSK_1@49	18.96	18.34	0.068	2	Pass
10MHz_Low_QPSK_25@0	18.24	17.62	0.058	2	Pass
10MHz_Low_QPSK_25@12	18.22	17.60	0.058	2	Pass
10MHz_Low_QPSK_25@25	18.16	17.54	0.057	2	Pass
10MHz_Low_QPSK_50@0	18.22	17.60	0.058	2	Pass
10MHz_Low_16QAM_1@0	18.27	17.65	0.058	2	Pass
10MHz_Low_16QAM_1@25	18.12	17.50	0.056	2	Pass
10MHz_Low_16QAM_1@49	17.84	17.22	0.053	2	Pass
10MHz_Low_16QAM_25@0	17.36	16.74	0.047	2	Pass
10MHz_Low_16QAM_25@12	17.36	16.74	0.047	2	Pass
10MHz_Low_16QAM_25@25	17.26	16.64	0.046	2	Pass
10MHz_Low_16QAM_50@0	17.28	16.66	0.046	2	Pass
10MHz_Middle_QPSK_1@0	18.85	18.23	0.067	2	Pass
10MHz_Middle_QPSK_1@25	18.98	18.36	0.069	2	Pass
10MHz_Middle_QPSK_1@49	18.89	18.27	0.067	2	Pass
10MHz_Middle_QPSK_25@0	17.87	17.25	0.053	2	Pass
10MHz_Middle_QPSK_25@12	17.91	17.29	0.054	2	Pass
10MHz_Middle_QPSK_25@25	17.87	17.25	0.053	2	Pass
10MHz_Middle_QPSK_50@0	17.89	17.27	0.053	2	Pass
10MHz_Middle_16QAM_1@0	17.87	17.25	0.053	2	Pass
10MHz_Middle_16QAM_1@25	18.01	17.39	0.055	2	Pass
10MHz_Middle_16QAM_1@49	17.89	17.27	0.053	2	Pass
10MHz_Middle_16QAM_25@0	16.98	16.36	0.043	2	Pass
10MHz_Middle_16QAM_25@12	16.95	16.33	0.043	2	Pass
10MHz_Middle_16QAM_25@25	16.99	16.37	0.043	2	Pass
10MHz_Middle_16QAM_50@0	16.87	16.25	0.042	2	Pass
10MHz_High_QPSK_1@0	19.36	18.74	0.075	2	Pass
10MHz_High_QPSK_1@25	19.46	18.84	0.077	2	Pass
10MHz_High_QPSK_1@49	19.38	18.76	0.075	2	Pass
10MHz_High_QPSK_25@0	18.26	17.64	0.058	2	Pass
10MHz_High_QPSK_25@12	18.25	17.63	0.058	2	Pass
10MHz_High_QPSK_25@25	18.21	17.59	0.057	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_50@0	18.24	17.62	0.058	2	Pass
10MHz_High_16QAM_1@0	18.55	17.93	0.062	2	Pass
10MHz_High_16QAM_1@25	18.79	18.17	0.066	2	Pass
10MHz_High_16QAM_1@49	18.57	17.95	0.062	2	Pass
10MHz_High_16QAM_25@0	17.32	16.70	0.047	2	Pass
10MHz_High_16QAM_25@12	17.29	16.67	0.046	2	Pass
10MHz_High_16QAM_25@25	17.26	16.64	0.046	2	Pass
10MHz_High_16QAM_50@0	17.22	16.60	0.046	2	Pass
15MHz_Low_QPSK_1@0	19.38	18.76	0.075	2	Pass
15MHz_Low_QPSK_1@37	19.08	18.46	0.070	2	Pass
15MHz_Low_QPSK_1@74	18.99	18.37	0.069	2	Pass
15MHz_Low_QPSK_36@0	18.30	17.68	0.059	2	Pass
15MHz_Low_QPSK_36@20	18.17	17.55	0.057	2	Pass
15MHz_Low_QPSK_36@39	18.18	17.56	0.057	2	Pass
15MHz_Low_QPSK_75@0	18.23	17.61	0.058	2	Pass
15MHz_Low_16QAM_1@0	18.42	17.80	0.060	2	Pass
15MHz_Low_16QAM_1@37	18.13	17.51	0.056	2	Pass
15MHz_Low_16QAM_1@74	18.01	17.39	0.055	2	Pass
15MHz_Low_16QAM_36@0	17.26	16.64	0.046	2	Pass
15MHz_Low_16QAM_36@20	17.18	16.56	0.045	2	Pass
15MHz_Low_16QAM_36@39	17.20	16.58	0.045	2	Pass
15MHz_Low_16QAM_75@0	17.17	16.55	0.045	2	Pass
15MHz_Middle_QPSK_1@0	19.02	18.40	0.069	2	Pass
15MHz_Middle_QPSK_1@37	19.03	18.41	0.069	2	Pass
15MHz_Middle_QPSK_1@74	19.02	18.40	0.069	2	Pass
15MHz_Middle_QPSK_36@0	17.96	17.34	0.054	2	Pass
15MHz_Middle_QPSK_36@20	17.92	17.30	0.054	2	Pass
15MHz_Middle_QPSK_36@39	17.94	17.32	0.054	2	Pass
15MHz_Middle_QPSK_75@0	17.89	17.27	0.053	2	Pass
15MHz_Middle_16QAM_1@0	18.22	17.60	0.058	2	Pass
15MHz_Middle_16QAM_1@37	18.25	17.63	0.058	2	Pass
15MHz_Middle_16QAM_1@74	18.22	17.60	0.058	2	Pass
15MHz_Middle_16QAM_36@0	16.95	16.33	0.043	2	Pass
15MHz_Middle_16QAM_36@20	16.92	16.30	0.043	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_16QAM_36@39	16.92	16.30	0.043	2	Pass
15MHz_Middle_16QAM_75@0	16.90	16.28	0.042	2	Pass
15MHz_High_QPSK_1@0	19.15	18.53	0.071	2	Pass
15MHz_High_QPSK_1@37	19.35	18.73	0.075	2	Pass
15MHz_High_QPSK_1@74	19.24	18.62	0.073	2	Pass
15MHz_High_QPSK_36@0	18.21	17.59	0.057	2	Pass
15MHz_High_QPSK_36@20	18.25	17.63	0.058	2	Pass
15MHz_High_QPSK_36@39	18.27	17.65	0.058	2	Pass
15MHz_High_QPSK_75@0	18.22	17.60	0.058	2	Pass
15MHz_High_16QAM_1@0	18.19	17.57	0.057	2	Pass
15MHz_High_16QAM_1@37	18.38	17.76	0.060	2	Pass
15MHz_High_16QAM_1@74	18.27	17.65	0.058	2	Pass
15MHz_High_16QAM_36@0	17.17	16.55	0.045	2	Pass
15MHz_High_16QAM_36@20	17.20	16.58	0.045	2	Pass
15MHz_High_16QAM_36@39	17.16	16.54	0.045	2	Pass
15MHz_High_16QAM_75@0	17.18	16.56	0.045	2	Pass
20MHz_Low_QPSK_1@0	19.16	18.54	0.071	2	Pass
20MHz_Low_QPSK_1@49	18.83	18.21	0.066	2	Pass
20MHz_Low_QPSK_1@99	18.82	18.20	0.066	2	Pass
20MHz_Low_QPSK_50@0	18.13	17.51	0.056	2	Pass
20MHz_Low_QPSK_50@24	18.16	17.54	0.057	2	Pass
20MHz_Low_QPSK_50@50	18.20	17.58	0.057	2	Pass
20MHz_Low_QPSK_100@0	18.20	17.58	0.057	2	Pass
20MHz_Low_16QAM_1@0	18.58	17.96	0.063	2	Pass
20MHz_Low_16QAM_1@49	18.34	17.72	0.059	2	Pass
20MHz_Low_16QAM_1@99	18.24	17.62	0.058	2	Pass
20MHz_Low_16QAM_50@0	17.11	16.49	0.045	2	Pass
20MHz_Low_16QAM_50@24	17.12	16.50	0.045	2	Pass
20MHz_Low_16QAM_50@50	17.17	16.55	0.045	2	Pass
20MHz_Low_16QAM_100@0	17.23	16.61	0.046	2	Pass
20MHz_Middle_QPSK_1@0	18.71	18.09	0.064	2	Pass
20MHz_Middle_QPSK_1@49	18.88	18.26	0.067	2	Pass
20MHz_Middle_QPSK_1@99	18.72	18.10	0.065	2	Pass
20MHz_Middle_QPSK_50@0	17.98	17.36	0.054	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_50@24	17.93	17.31	0.054	2	Pass
20MHz_Middle_QPSK_50@50	17.88	17.26	0.053	2	Pass
20MHz_Middle_QPSK_100@0	17.93	17.31	0.054	2	Pass
20MHz_Middle_16QAM_1@0	18.35	17.73	0.059	2	Pass
20MHz_Middle_16QAM_1@49	18.59	17.97	0.063	2	Pass
20MHz_Middle_16QAM_1@99	18.30	17.68	0.059	2	Pass
20MHz_Middle_16QAM_50@0	16.99	16.37	0.043	2	Pass
20MHz_Middle_16QAM_50@24	16.94	16.32	0.043	2	Pass
20MHz_Middle_16QAM_50@50	16.90	16.28	0.042	2	Pass
20MHz_Middle_16QAM_100@0	16.95	16.33	0.043	2	Pass
20MHz_High_QPSK_1@0	18.40	17.78	0.060	2	Pass
20MHz_High_QPSK_1@49	19.17	18.55	0.072	2	Pass
20MHz_High_QPSK_1@99	18.89	18.27	0.067	2	Pass
20MHz_High_QPSK_50@0	18.06	17.44	0.055	2	Pass
20MHz_High_QPSK_50@24	18.22	17.60	0.058	2	Pass
20MHz_High_QPSK_50@50	18.14	17.52	0.056	2	Pass
20MHz_High_QPSK_100@0	18.14	17.52	0.056	2	Pass
20MHz_High_16QAM_1@0	17.80	17.18	0.052	2	Pass
20MHz_High_16QAM_1@49	18.57	17.95	0.062	2	Pass
20MHz_High_16QAM_1@99	18.30	17.68	0.059	2	Pass
20MHz_High_16QAM_50@0	17.16	16.54	0.045	2	Pass
20MHz_High_16QAM_50@24	17.21	16.59	0.046	2	Pass
20MHz_High_16QAM_50@50	17.16	16.54	0.045	2	Pass
20MHz_High_16QAM_100@0	17.18	16.56	0.045	2	Pass

Note:

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

Band 7:

1.Antenna Gain = -0.62dBi;

2.Cable Loss = 0dB.

LTE Band 38, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	17.29	16.67	0.046	2	Pass
5MHz_Low_QPSK_1@12	17.11	16.49	0.045	2	Pass
5MHz_Low_QPSK_1@24	16.90	16.28	0.042	2	Pass
5MHz_Low_QPSK_12@0	16.26	15.64	0.037	2	Pass
5MHz_Low_QPSK_12@7	16.12	15.50	0.035	2	Pass
5MHz_Low_QPSK_12@13	15.94	15.32	0.034	2	Pass
5MHz_Low_QPSK_25@0	16.22	15.60	0.036	2	Pass
5MHz_Low_16QAM_1@0	16.32	15.70	0.037	2	Pass
5MHz_Low_16QAM_1@12	16.14	15.52	0.036	2	Pass
5MHz_Low_16QAM_1@24	15.91	15.29	0.034	2	Pass
5MHz_Low_16QAM_12@0	15.33	14.71	0.030	2	Pass
5MHz_Low_16QAM_12@7	15.08	14.46	0.028	2	Pass
5MHz_Low_16QAM_12@13	14.94	14.32	0.027	2	Pass
5MHz_Low_16QAM_25@0	15.07	14.45	0.028	2	Pass
5MHz_Middle_QPSK_1@0	16.38	15.76	0.038	2	Pass
5MHz_Middle_QPSK_1@12	16.48	15.86	0.039	2	Pass
5MHz_Middle_QPSK_1@24	16.39	15.77	0.038	2	Pass
5MHz_Middle_QPSK_12@0	15.46	14.84	0.030	2	Pass
5MHz_Middle_QPSK_12@7	15.58	14.96	0.031	2	Pass
5MHz_Middle_QPSK_12@13	15.50	14.88	0.031	2	Pass
5MHz_Middle_QPSK_25@0	15.47	14.85	0.031	2	Pass
5MHz_Middle_16QAM_1@0	15.43	14.81	0.030	2	Pass
5MHz_Middle_16QAM_1@12	15.49	14.87	0.031	2	Pass
5MHz_Middle_16QAM_1@24	15.40	14.78	0.030	2	Pass
5MHz_Middle_16QAM_12@0	14.34	13.72	0.024	2	Pass
5MHz_Middle_16QAM_12@7	14.49	13.87	0.024	2	Pass
5MHz_Middle_16QAM_12@13	14.42	13.80	0.024	2	Pass
5MHz_Middle_16QAM_25@0	14.47	13.85	0.024	2	Pass
5MHz_High_QPSK_1@0	16.73	16.11	0.041	2	Pass
5MHz_High_QPSK_1@12	16.77	16.15	0.041	2	Pass
5MHz_High_QPSK_1@24	16.73	16.11	0.041	2	Pass
5MHz_High_QPSK_12@0	15.74	15.12	0.033	2	Pass
5MHz_High_QPSK_12@7	15.83	15.21	0.033	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@13	15.76	15.14	0.033	2	Pass
5MHz_High_QPSK_25@0	15.77	15.15	0.033	2	Pass
5MHz_High_16QAM_1@0	15.69	15.07	0.032	2	Pass
5MHz_High_16QAM_1@12	15.72	15.10	0.032	2	Pass
5MHz_High_16QAM_1@24	15.69	15.07	0.032	2	Pass
5MHz_High_16QAM_12@0	14.59	13.97	0.025	2	Pass
5MHz_High_16QAM_12@7	14.73	14.11	0.026	2	Pass
5MHz_High_16QAM_12@13	14.65	14.03	0.025	2	Pass
5MHz_High_16QAM_25@0	14.80	14.18	0.026	2	Pass
10MHz_Low_QPSK_1@0	17.30	16.68	0.047	2	Pass
10MHz_Low_QPSK_1@25	17.11	16.49	0.045	2	Pass
10MHz_Low_QPSK_1@49	16.89	16.27	0.042	2	Pass
10MHz_Low_QPSK_25@0	16.34	15.72	0.037	2	Pass
10MHz_Low_QPSK_25@12	15.94	15.32	0.034	2	Pass
10MHz_Low_QPSK_25@25	15.86	15.24	0.033	2	Pass
10MHz_Low_QPSK_50@0	16.01	15.39	0.035	2	Pass
10MHz_Low_16QAM_1@0	16.26	15.64	0.037	2	Pass
10MHz_Low_16QAM_1@25	16.05	15.43	0.035	2	Pass
10MHz_Low_16QAM_1@49	15.82	15.20	0.033	2	Pass
10MHz_Low_16QAM_25@0	15.19	14.57	0.029	2	Pass
10MHz_Low_16QAM_25@12	14.92	14.30	0.027	2	Pass
10MHz_Low_16QAM_25@25	14.85	14.23	0.026	2	Pass
10MHz_Low_16QAM_50@0	15.02	14.40	0.028	2	Pass
10MHz_Middle_QPSK_1@0	16.48	15.86	0.039	2	Pass
10MHz_Middle_QPSK_1@25	16.59	15.97	0.040	2	Pass
10MHz_Middle_QPSK_1@49	16.45	15.83	0.038	2	Pass
10MHz_Middle_QPSK_25@0	15.54	14.92	0.031	2	Pass
10MHz_Middle_QPSK_25@12	15.55	14.93	0.031	2	Pass
10MHz_Middle_QPSK_25@25	15.54	14.92	0.031	2	Pass
10MHz_Middle_QPSK_50@0	15.55	14.93	0.031	2	Pass
10MHz_Middle_16QAM_1@0	15.37	14.75	0.030	2	Pass
10MHz_Middle_16QAM_1@25	15.51	14.89	0.031	2	Pass
10MHz_Middle_16QAM_1@49	15.30	14.68	0.029	2	Pass
10MHz_Middle_16QAM_25@0	14.47	13.85	0.024	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_25@12	14.45	13.83	0.024	2	Pass
10MHz_Middle_16QAM_25@25	14.50	13.88	0.024	2	Pass
10MHz_Middle_16QAM_50@0	14.52	13.90	0.025	2	Pass
10MHz_High_QPSK_1@0	16.66	16.04	0.040	2	Pass
10MHz_High_QPSK_1@25	16.89	16.27	0.042	2	Pass
10MHz_High_QPSK_1@49	16.71	16.09	0.041	2	Pass
10MHz_High_QPSK_25@0	15.78	15.16	0.033	2	Pass
10MHz_High_QPSK_25@12	15.78	15.16	0.033	2	Pass
10MHz_High_QPSK_25@25	15.79	15.17	0.033	2	Pass
10MHz_High_QPSK_50@0	15.79	15.17	0.033	2	Pass
10MHz_High_16QAM_1@0	15.76	15.14	0.033	2	Pass
10MHz_High_16QAM_1@25	15.95	15.33	0.034	2	Pass
10MHz_High_16QAM_1@49	15.83	15.21	0.033	2	Pass
10MHz_High_16QAM_25@0	14.78	14.16	0.026	2	Pass
10MHz_High_16QAM_25@12	14.82	14.20	0.026	2	Pass
10MHz_High_16QAM_25@25	14.79	14.17	0.026	2	Pass
10MHz_High_16QAM_50@0	14.83	14.21	0.026	2	Pass
15MHz_Low_QPSK_1@0	17.12	16.50	0.045	2	Pass
15MHz_Low_QPSK_1@37	16.70	16.08	0.041	2	Pass
15MHz_Low_QPSK_1@74	16.80	16.18	0.041	2	Pass
15MHz_Low_QPSK_36@0	15.92	15.30	0.034	2	Pass
15MHz_Low_QPSK_36@20	15.85	15.23	0.033	2	Pass
15MHz_Low_QPSK_36@39	15.87	15.25	0.033	2	Pass
15MHz_Low_QPSK_75@0	15.87	15.25	0.033	2	Pass
15MHz_Low_16QAM_1@0	16.31	15.69	0.037	2	Pass
15MHz_Low_16QAM_1@37	15.86	15.24	0.033	2	Pass
15MHz_Low_16QAM_1@74	15.97	15.35	0.034	2	Pass
15MHz_Low_16QAM_36@0	14.91	14.29	0.027	2	Pass
15MHz_Low_16QAM_36@20	14.84	14.22	0.026	2	Pass
15MHz_Low_16QAM_36@39	14.86	14.24	0.027	2	Pass
15MHz_Low_16QAM_75@0	14.82	14.20	0.026	2	Pass
15MHz_Middle_QPSK_1@0	16.49	15.87	0.039	2	Pass
15MHz_Middle_QPSK_1@37	16.28	15.66	0.037	2	Pass
15MHz_Middle_QPSK_1@74	16.32	15.70	0.037	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_36@0	15.53	14.91	0.031	2	Pass
15MHz_Middle_QPSK_36@20	15.56	14.94	0.031	2	Pass
15MHz_Middle_QPSK_36@39	15.59	14.97	0.031	2	Pass
15MHz_Middle_QPSK_75@0	15.54	14.92	0.031	2	Pass
15MHz_Middle_16QAM_1@0	15.39	14.77	0.030	2	Pass
15MHz_Middle_16QAM_1@37	15.20	14.58	0.029	2	Pass
15MHz_Middle_16QAM_1@74	15.26	14.64	0.029	2	Pass
15MHz_Middle_16QAM_36@0	14.55	13.93	0.025	2	Pass
15MHz_Middle_16QAM_36@20	14.57	13.95	0.025	2	Pass
15MHz_Middle_16QAM_36@39	14.58	13.96	0.025	2	Pass
15MHz_Middle_16QAM_75@0	14.50	13.88	0.024	2	Pass
15MHz_High_QPSK_1@0	16.14	15.52	0.036	2	Pass
15MHz_High_QPSK_1@37	16.60	15.98	0.040	2	Pass
15MHz_High_QPSK_1@74	16.63	16.01	0.040	2	Pass
15MHz_High_QPSK_36@0	15.59	14.97	0.031	2	Pass
15MHz_High_QPSK_36@20	15.80	15.18	0.033	2	Pass
15MHz_High_QPSK_36@39	15.78	15.16	0.033	2	Pass
15MHz_High_QPSK_75@0	15.69	15.07	0.032	2	Pass
15MHz_High_16QAM_1@0	15.26	14.64	0.029	2	Pass
15MHz_High_16QAM_1@37	15.68	15.06	0.032	2	Pass
15MHz_High_16QAM_1@74	15.76	15.14	0.033	2	Pass
15MHz_High_16QAM_36@0	14.46	13.84	0.024	2	Pass
15MHz_High_16QAM_36@20	14.66	14.04	0.025	2	Pass
15MHz_High_16QAM_36@39	14.65	14.03	0.025	2	Pass
15MHz_High_16QAM_75@0	14.64	14.02	0.025	2	Pass
20MHz_Low_QPSK_1@0	16.89	16.27	0.042	2	Pass
20MHz_Low_QPSK_1@49	17.03	16.41	0.044	2	Pass
20MHz_Low_QPSK_1@99	16.50	15.88	0.039	2	Pass
20MHz_Low_QPSK_50@0	15.70	15.08	0.032	2	Pass
20MHz_Low_QPSK_50@24	15.68	15.06	0.032	2	Pass
20MHz_Low_QPSK_50@50	15.74	15.12	0.033	2	Pass
20MHz_Low_QPSK_100@0	15.73	15.11	0.032	2	Pass
20MHz_Low_16QAM_1@0	15.75	15.13	0.033	2	Pass
20MHz_Low_16QAM_1@49	15.86	15.24	0.033	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_1@99	15.34	14.72	0.030	2	Pass
20MHz_Low_16QAM_50@0	14.68	14.06	0.025	2	Pass
20MHz_Low_16QAM_50@24	14.65	14.03	0.025	2	Pass
20MHz_Low_16QAM_50@50	14.71	14.09	0.026	2	Pass
20MHz_Low_16QAM_100@0	14.75	14.13	0.026	2	Pass
20MHz_Middle_QPSK_1@0	16.48	15.86	0.039	2	Pass
20MHz_Middle_QPSK_1@49	16.70	16.08	0.041	2	Pass
20MHz_Middle_QPSK_1@99	16.18	15.56	0.036	2	Pass
20MHz_Middle_QPSK_50@0	15.46	14.84	0.030	2	Pass
20MHz_Middle_QPSK_50@24	15.42	14.80	0.030	2	Pass
20MHz_Middle_QPSK_50@50	15.48	14.86	0.031	2	Pass
20MHz_Middle_QPSK_100@0	15.46	14.84	0.030	2	Pass
20MHz_Middle_16QAM_1@0	15.46	14.84	0.030	2	Pass
20MHz_Middle_16QAM_1@49	15.70	15.08	0.032	2	Pass
20MHz_Middle_16QAM_1@99	15.16	14.54	0.028	2	Pass
20MHz_Middle_16QAM_50@0	14.44	13.82	0.024	2	Pass
20MHz_Middle_16QAM_50@24	14.42	13.80	0.024	2	Pass
20MHz_Middle_16QAM_50@50	14.48	13.86	0.024	2	Pass
20MHz_Middle_16QAM_100@0	14.46	13.84	0.024	2	Pass
20MHz_High_QPSK_1@0	16.15	15.53	0.036	2	Pass
20MHz_High_QPSK_1@49	16.94	16.32	0.043	2	Pass
20MHz_High_QPSK_1@99	16.49	15.87	0.039	2	Pass
20MHz_High_QPSK_50@0	15.33	14.71	0.030	2	Pass
20MHz_High_QPSK_50@24	15.58	14.96	0.031	2	Pass
20MHz_High_QPSK_50@50	15.75	15.13	0.033	2	Pass
20MHz_High_QPSK_100@0	15.54	14.92	0.031	2	Pass
20MHz_High_16QAM_1@0	15.11	14.49	0.028	2	Pass
20MHz_High_16QAM_1@49	15.89	15.27	0.034	2	Pass
20MHz_High_16QAM_1@99	15.43	14.81	0.030	2	Pass
20MHz_High_16QAM_50@0	14.31	13.69	0.023	2	Pass
20MHz_High_16QAM_50@24	14.52	13.90	0.025	2	Pass
20MHz_High_16QAM_50@50	14.71	14.09	0.026	2	Pass
20MHz_High_16QAM_100@0	14.51	13.89	0.024	2	Pass

Note:

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

Band 38:

1.Antenna Gain = -0.62dBi;

2.Cable Loss = 0dB.

LTE Band 41, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	16.79	16.17	0.041	2	Pass
5MHz_Low_QPSK_1@12	16.94	16.32	0.043	2	Pass
5MHz_Low_QPSK_1@24	16.92	16.30	0.043	2	Pass
5MHz_Low_QPSK_12@0	15.63	15.01	0.032	2	Pass
5MHz_Low_QPSK_12@7	15.99	15.37	0.034	2	Pass
5MHz_Low_QPSK_12@13	16.14	15.52	0.036	2	Pass
5MHz_Low_QPSK_25@0	15.96	15.34	0.034	2	Pass
5MHz_Low_16QAM_1@0	15.79	15.17	0.033	2	Pass
5MHz_Low_16QAM_1@12	15.93	15.31	0.034	2	Pass
5MHz_Low_16QAM_1@24	15.93	15.31	0.034	2	Pass
5MHz_Low_16QAM_12@0	14.62	14.00	0.025	2	Pass
5MHz_Low_16QAM_12@7	14.97	14.35	0.027	2	Pass
5MHz_Low_16QAM_12@13	15.11	14.49	0.028	2	Pass
5MHz_Low_16QAM_25@0	14.83	14.21	0.026	2	Pass
5MHz_Middle_QPSK_1@0	16.27	15.65	0.037	2	Pass
5MHz_Middle_QPSK_1@12	16.31	15.69	0.037	2	Pass
5MHz_Middle_QPSK_1@24	16.28	15.66	0.037	2	Pass
5MHz_Middle_QPSK_12@0	15.28	14.66	0.029	2	Pass
5MHz_Middle_QPSK_12@7	15.40	14.78	0.030	2	Pass
5MHz_Middle_QPSK_12@13	15.31	14.69	0.029	2	Pass
5MHz_Middle_QPSK_25@0	15.30	14.68	0.029	2	Pass
5MHz_Middle_16QAM_1@0	15.24	14.62	0.029	2	Pass
5MHz_Middle_16QAM_1@12	15.29	14.67	0.029	2	Pass
5MHz_Middle_16QAM_1@24	15.26	14.64	0.029	2	Pass
5MHz_Middle_16QAM_12@0	14.17	13.55	0.023	2	Pass
5MHz_Middle_16QAM_12@7	14.27	13.65	0.023	2	Pass
5MHz_Middle_16QAM_12@13	14.22	13.60	0.023	2	Pass
5MHz_Middle_16QAM_25@0	14.38	13.76	0.024	2	Pass
5MHz_High_QPSK_1@0	16.75	16.13	0.041	2	Pass
5MHz_High_QPSK_1@12	16.82	16.20	0.042	2	Pass
5MHz_High_QPSK_1@24	16.76	16.14	0.041	2	Pass
5MHz_High_QPSK_12@0	15.76	15.14	0.033	2	Pass
5MHz_High_QPSK_12@7	15.80	15.18	0.033	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@13	15.70	15.08	0.032	2	Pass
5MHz_High_QPSK_25@0	15.73	15.11	0.032	2	Pass
5MHz_High_16QAM_1@0	15.84	15.22	0.033	2	Pass
5MHz_High_16QAM_1@12	15.86	15.24	0.033	2	Pass
5MHz_High_16QAM_1@24	15.82	15.20	0.033	2	Pass
5MHz_High_16QAM_12@0	14.78	14.16	0.026	2	Pass
5MHz_High_16QAM_12@7	14.83	14.21	0.026	2	Pass
5MHz_High_16QAM_12@13	14.74	14.12	0.026	2	Pass
5MHz_High_16QAM_25@0	14.70	14.08	0.026	2	Pass
10MHz_Low_QPSK_1@0	16.63	16.01	0.040	2	Pass
10MHz_Low_QPSK_1@25	17.01	16.39	0.044	2	Pass
10MHz_Low_QPSK_1@49	16.84	16.22	0.042	2	Pass
10MHz_Low_QPSK_25@0	15.40	14.78	0.030	2	Pass
10MHz_Low_QPSK_25@12	15.84	15.22	0.033	2	Pass
10MHz_Low_QPSK_25@25	16.14	15.52	0.036	2	Pass
10MHz_Low_QPSK_50@0	15.96	15.34	0.034	2	Pass
10MHz_Low_16QAM_1@0	15.71	15.09	0.032	2	Pass
10MHz_Low_16QAM_1@25	16.03	15.41	0.035	2	Pass
10MHz_Low_16QAM_1@49	15.85	15.23	0.033	2	Pass
10MHz_Low_16QAM_25@0	14.52	13.90	0.025	2	Pass
10MHz_Low_16QAM_25@12	14.91	14.29	0.027	2	Pass
10MHz_Low_16QAM_25@25	15.18	14.56	0.029	2	Pass
10MHz_Low_16QAM_50@0	15	14.38	0.027	2	Pass
10MHz_Middle_QPSK_1@0	16.32	15.70	0.037	2	Pass
10MHz_Middle_QPSK_1@25	16.46	15.84	0.038	2	Pass
10MHz_Middle_QPSK_1@49	16.29	15.67	0.037	2	Pass
10MHz_Middle_QPSK_25@0	15.36	14.74	0.030	2	Pass
10MHz_Middle_QPSK_25@12	15.40	14.78	0.030	2	Pass
10MHz_Middle_QPSK_25@25	15.41	14.79	0.030	2	Pass
10MHz_Middle_QPSK_50@0	15.40	14.78	0.030	2	Pass
10MHz_Middle_16QAM_1@0	15.20	14.58	0.029	2	Pass
10MHz_Middle_16QAM_1@25	15.33	14.71	0.030	2	Pass
10MHz_Middle_16QAM_1@49	15.17	14.55	0.029	2	Pass
10MHz_Middle_16QAM_25@0	14.30	13.68	0.023	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_25@12	14.33	13.71	0.023	2	Pass
10MHz_Middle_16QAM_25@25	14.35	13.73	0.024	2	Pass
10MHz_Middle_16QAM_50@0	14.34	13.72	0.024	2	Pass
10MHz_High_QPSK_1@0	16.75	16.13	0.041	2	Pass
10MHz_High_QPSK_1@25	16.91	16.29	0.043	2	Pass
10MHz_High_QPSK_1@49	16.76	16.14	0.041	2	Pass
10MHz_High_QPSK_25@0	15.83	15.21	0.033	2	Pass
10MHz_High_QPSK_25@12	15.81	15.19	0.033	2	Pass
10MHz_High_QPSK_25@25	15.75	15.13	0.033	2	Pass
10MHz_High_QPSK_50@0	15.77	15.15	0.033	2	Pass
10MHz_High_16QAM_1@0	15.85	15.23	0.033	2	Pass
10MHz_High_16QAM_1@25	15.97	15.35	0.034	2	Pass
10MHz_High_16QAM_1@49	15.87	15.25	0.033	2	Pass
10MHz_High_16QAM_25@0	14.80	14.18	0.026	2	Pass
10MHz_High_16QAM_25@12	14.81	14.19	0.026	2	Pass
10MHz_High_16QAM_25@25	14.74	14.12	0.026	2	Pass
10MHz_High_16QAM_50@0	14.82	14.20	0.026	2	Pass
15MHz_Low_QPSK_1@0	16.29	15.67	0.037	2	Pass
15MHz_Low_QPSK_1@37	16.45	15.83	0.038	2	Pass
15MHz_Low_QPSK_1@74	16.40	15.78	0.038	2	Pass
15MHz_Low_QPSK_36@0	15.48	14.86	0.031	2	Pass
15MHz_Low_QPSK_36@20	15.88	15.26	0.034	2	Pass
15MHz_Low_QPSK_36@39	15.86	15.24	0.033	2	Pass
15MHz_Low_QPSK_75@0	15.61	14.99	0.032	2	Pass
15MHz_Low_16QAM_1@0	15.36	14.74	0.030	2	Pass
15MHz_Low_16QAM_1@37	15.50	14.88	0.031	2	Pass
15MHz_Low_16QAM_1@74	15.36	14.74	0.030	2	Pass
15MHz_Low_16QAM_36@0	14.55	13.93	0.025	2	Pass
15MHz_Low_16QAM_36@20	14.96	14.34	0.027	2	Pass
15MHz_Low_16QAM_36@39	14.91	14.29	0.027	2	Pass
15MHz_Low_16QAM_75@0	14.84	14.22	0.026	2	Pass
15MHz_Middle_QPSK_1@0	16.30	15.68	0.037	2	Pass
15MHz_Middle_QPSK_1@37	16.30	15.68	0.037	2	Pass
15MHz_Middle_QPSK_1@74	16.32	15.70	0.037	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_36@0	15.43	14.81	0.030	2	Pass
15MHz_Middle_QPSK_36@20	15.49	14.87	0.031	2	Pass
15MHz_Middle_QPSK_36@39	15.50	14.88	0.031	2	Pass
15MHz_Middle_QPSK_75@0	15.45	14.83	0.030	2	Pass
15MHz_Middle_16QAM_1@0	15.42	14.80	0.030	2	Pass
15MHz_Middle_16QAM_1@37	15.39	14.77	0.030	2	Pass
15MHz_Middle_16QAM_1@74	15.45	14.83	0.030	2	Pass
15MHz_Middle_16QAM_36@0	14.28	13.66	0.023	2	Pass
15MHz_Middle_16QAM_36@20	14.34	13.72	0.024	2	Pass
15MHz_Middle_16QAM_36@39	14.36	13.74	0.024	2	Pass
15MHz_Middle_16QAM_75@0	14.42	13.80	0.024	2	Pass
15MHz_High_QPSK_1@0	16.82	16.20	0.042	2	Pass
15MHz_High_QPSK_1@37	16.78	16.16	0.041	2	Pass
15MHz_High_QPSK_1@74	16.82	16.20	0.042	2	Pass
15MHz_High_QPSK_36@0	15.87	15.25	0.033	2	Pass
15MHz_High_QPSK_36@20	15.91	15.29	0.034	2	Pass
15MHz_High_QPSK_36@39	15.87	15.25	0.033	2	Pass
15MHz_High_QPSK_75@0	15.85	15.23	0.033	2	Pass
15MHz_High_16QAM_1@0	15.98	15.36	0.034	2	Pass
15MHz_High_16QAM_1@37	15.96	15.34	0.034	2	Pass
15MHz_High_16QAM_1@74	15.96	15.34	0.034	2	Pass
15MHz_High_16QAM_36@0	14.86	14.24	0.027	2	Pass
15MHz_High_16QAM_36@20	14.89	14.27	0.027	2	Pass
15MHz_High_16QAM_36@39	14.86	14.24	0.027	2	Pass
15MHz_High_16QAM_75@0	14.80	14.18	0.026	2	Pass
20MHz_Low_QPSK_1@0	16.56	15.94	0.039	2	Pass
20MHz_Low_QPSK_1@49	17.23	16.61	0.046	2	Pass
20MHz_Low_QPSK_1@99	16.59	15.97	0.040	2	Pass
20MHz_Low_QPSK_50@0	15.36	14.74	0.030	2	Pass
20MHz_Low_QPSK_50@24	15.87	15.25	0.033	2	Pass
20MHz_Low_QPSK_50@50	15.98	15.36	0.034	2	Pass
20MHz_Low_QPSK_100@0	15.81	15.19	0.033	2	Pass
20MHz_Low_16QAM_1@0	15.47	14.85	0.031	2	Pass
20MHz_Low_16QAM_1@49	16.09	15.47	0.035	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Low_16QAM_1@99	15.47	14.85	0.031	2	Pass
20MHz_Low_16QAM_50@0	14.29	13.67	0.023	2	Pass
20MHz_Low_16QAM_50@24	14.86	14.24	0.027	2	Pass
20MHz_Low_16QAM_50@50	14.99	14.37	0.027	2	Pass
20MHz_Low_16QAM_100@0	14.81	14.19	0.026	2	Pass
20MHz_Middle_QPSK_1@0	16.23	15.61	0.036	2	Pass
20MHz_Middle_QPSK_1@49	16.73	16.11	0.041	2	Pass
20MHz_Middle_QPSK_1@99	16.43	15.81	0.038	2	Pass
20MHz_Middle_QPSK_50@0	15.32	14.70	0.030	2	Pass
20MHz_Middle_QPSK_50@24	15.41	14.79	0.030	2	Pass
20MHz_Middle_QPSK_50@50	15.48	14.86	0.031	2	Pass
20MHz_Middle_QPSK_100@0	15.41	14.79	0.030	2	Pass
20MHz_Middle_16QAM_1@0	15.22	14.60	0.029	2	Pass
20MHz_Middle_16QAM_1@49	15.72	15.10	0.032	2	Pass
20MHz_Middle_16QAM_1@99	15.31	14.69	0.029	2	Pass
20MHz_Middle_16QAM_50@0	14.31	13.69	0.023	2	Pass
20MHz_Middle_16QAM_50@24	14.38	13.76	0.024	2	Pass
20MHz_Middle_16QAM_50@50	14.45	13.83	0.024	2	Pass
20MHz_Middle_16QAM_100@0	14.38	13.76	0.024	2	Pass
20MHz_High_QPSK_1@0	16.67	16.05	0.040	2	Pass
20MHz_High_QPSK_1@49	17.20	16.58	0.045	2	Pass
20MHz_High_QPSK_1@99	16.71	16.09	0.041	2	Pass
20MHz_High_QPSK_50@0	15.95	15.33	0.034	2	Pass
20MHz_High_QPSK_50@24	15.92	15.30	0.034	2	Pass
20MHz_High_QPSK_50@50	15.98	15.36	0.034	2	Pass
20MHz_High_QPSK_100@0	16.01	15.39	0.035	2	Pass
20MHz_High_16QAM_1@0	15.64	15.02	0.032	2	Pass
20MHz_High_16QAM_1@49	16.15	15.53	0.036	2	Pass
20MHz_High_16QAM_1@99	15.68	15.06	0.032	2	Pass
20MHz_High_16QAM_50@0	14.90	14.28	0.027	2	Pass
20MHz_High_16QAM_50@24	14.87	14.25	0.027	2	Pass
20MHz_High_16QAM_50@50	14.86	14.24	0.027	2	Pass
20MHz_High_16QAM_100@0	14.96	14.34	0.027	2	Pass

Note:

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

Band 41:

1.Antenna Gain = -0.62dBi;

2.Cable Loss = 0dB.

Peak-to-average Ratio(PAR)

FCC Part 22H

LTE Band 5, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.65	13
10MHz_Low_QPSK_50@0	5.28	13
10MHz_Low_16QAM_1@0	6.99	13
10MHz_Low_16QAM_50@0	6.14	13
10MHz_Middle_QPSK_1@0	4.78	13
10MHz_Middle_QPSK_50@0	5.28	13
10MHz_Middle_16QAM_1@0	5.45	13
10MHz_Middle_16QAM_50@0	6.14	13
10MHz_High_QPSK_1@0	5.68	13
10MHz_High_QPSK_50@0	5.30	13
10MHz_High_16QAM_1@0	6.43	13
10MHz_High_16QAM_50@0	6.17	13

Note:worst case.

FCC Part 24E

LTE Band 2, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.71	13
20MHz_Low_QPSK_100@0	5.54	13
20MHz_Low_16QAM_1@0	6.52	13
20MHz_Low_16QAM_100@0	6.43	13
20MHz_Middle_QPSK_1@0	6	13
20MHz_Middle_QPSK_100@0	5.45	13
20MHz_Middle_16QAM_1@0	7.57	13
20MHz_Middle_16QAM_100@0	6.38	13
20MHz_High_QPSK_1@0	5.71	13
20MHz_High_QPSK_100@0	6	13
20MHz_High_16QAM_1@0	6.58	13
20MHz_High_16QAM_100@0	6.70	13

Note:worst case.

FCC Part 27

LTE Band 4, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.42	13
20MHz_Low_QPSK_100@0	5.54	13
20MHz_Low_16QAM_1@0	6.29	13
20MHz_Low_16QAM_100@0	6.41	13
20MHz_Middle_QPSK_1@0	5.36	13
20MHz_Middle_QPSK_100@0	5.71	13
20MHz_Middle_16QAM_1@0	6.14	13
20MHz_Middle_16QAM_100@0	6.64	13
20MHz_High_QPSK_1@0	5.91	13
20MHz_High_QPSK_100@0	5.83	13
20MHz_High_16QAM_1@0	7.19	13
20MHz_High_16QAM_100@0	6.70	13

LTE Band 7, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	5.65	13
20MHz_Low_QPSK_100@0	5.36	13
20MHz_Low_16QAM_1@0	6.46	13
20MHz_Low_16QAM_100@0	6.23	13
20MHz_Middle_QPSK_1@0	5.36	13
20MHz_Middle_QPSK_100@0	5.48	13
20MHz_Middle_16QAM_1@0	6.70	13
20MHz_Middle_16QAM_100@0	6.32	13
20MHz_High_QPSK_1@0	5.59	13
20MHz_High_QPSK_100@0	5.36	13
20MHz_High_16QAM_1@0	6.52	13
20MHz_High_16QAM_100@0	6.23	13

LTE Band 38, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	7.13	13
20MHz_Low_QPSK_100@0	7.22	13
20MHz_Low_16QAM_1@0	7.71	13
20MHz_Low_16QAM_100@0	7.97	13
20MHz_Middle_QPSK_1@0	6.70	13
20MHz_Middle_QPSK_100@0	7.13	13
20MHz_Middle_16QAM_1@0	7.68	13
20MHz_Middle_16QAM_100@0	7.91	13
20MHz_High_QPSK_1@0	6.70	13
20MHz_High_QPSK_100@0	7.07	13
20MHz_High_16QAM_1@0	7.62	13
20MHz_High_16QAM_100@0	7.91	13

LTE Band 41, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	6.54	13
20MHz_Low_QPSK_100@0	5.23	13
20MHz_Low_16QAM_1@0	6.24	13
20MHz_Low_16QAM_100@0	6.31	13
20MHz_Middle_QPSK_1@0	5.67	13
20MHz_Middle_QPSK_100@0	5.26	13
20MHz_Middle_16QAM_1@0	6.41	13
20MHz_Middle_16QAM_100@0	6.36	13
20MHz_High_QPSK_1@0	5.96	13
20MHz_High_QPSK_100@0	5.67	13
20MHz_High_16QAM_1@0	6.78	13
20MHz_High_16QAM_100@0	6.54	13

Note:worst case.