Appendix S1 - RF Output Power

Test Information:

Sample No.:	30VS-1	**Test Date:**	2025/04/21~2025/05/08
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Usain Ou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	23.2-25.6	**Relative Humidity: (%)**	35-58	**ATM Pressure: (kPa)**	101

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	23.40	16.96	0.050	7	Pass
1.4MHz_Low_QPSK_1@3	23.34	16.90	0.049	7	Pass
1.4MHz_Low_QPSK_1@5	23.46	17.02	0.050	7	Pass
1.4MHz_Low_QPSK_3@0	23.43	16.99	0.050	7	Pass
1.4MHz_Low_QPSK_3@1	23.45	17.01	0.050	7	Pass
1.4MHz_Low_QPSK_3@3	23.52	17.08	0.051	7	Pass
1.4MHz_Low_QPSK_6@0	22.56	16.12	0.041	7	Pass
1.4MHz_Low_16QAM_1@0	22.31	15.87	0.039	7	Pass
1.4MHz_Low_16QAM_1@3	22.25	15.81	0.038	7	Pass
1.4MHz_Low_16QAM_1@5	22.45	16.01	0.040	7	Pass
1.4MHz_Low_16QAM_3@0	22.62	16.18	0.041	7	Pass
1.4MHz_Low_16QAM_3@1	22.62	16.18	0.041	7	Pass
1.4MHz_Low_16QAM_3@3	22.64	16.20	0.042	7	Pass
1.4MHz_Low_16QAM_6@0	21.78	15.34	0.034	7	Pass
1.4MHz_Middle_QPSK_1@0	23.48	17.04	0.051	7	Pass
1.4MHz_Middle_QPSK_1@3	23.43	16.99	0.050	7	Pass
1.4MHz_Middle_QPSK_1@5	23.47	17.03	0.050	7	Pass
1.4MHz_Middle_QPSK_3@0	23.47	17.03	0.050	7	Pass
1.4MHz_Middle_QPSK_3@1	23.48	17.04	0.051	7	Pass
1.4MHz_Middle_QPSK_3@3	23.47	17.03	0.050	7	Pass
1.4MHz_Middle_QPSK_6@0	22.47	16.03	0.040	7	Pass
1.4MHz_Middle_16QAM_1@0	22.33	15.89	0.039	7	Pass
1.4MHz_Middle_16QAM_1@3	22.31	15.87	0.039	7	Pass
1.4MHz_Middle_16QAM_1@5	22.33	15.89	0.039	7	Pass
1.4MHz_Middle_16QAM_3@0	22.61	16.17	0.041	7	Pass
1.4MHz_Middle_16QAM_3@1	22.62	16.18	0.041	7	Pass
1.4MHz_Middle_16QAM_3@3	22.63	16.19	0.042	7	Pass
1.4MHz_Middle_16QAM_6@0	21.63	15.19	0.033	7	Pass
1.4MHz_High_QPSK_1@0	24.06	**17.62**	0.058	7	Pass
1.4MHz_High_QPSK_1@3	23.70	17.26	0.053	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	23.73	17.29	0.054	7	Pass
1.4MHz_High_QPSK_3@0	23.63	17.19	0.052	7	Pass
1.4MHz_High_QPSK_3@1	23.62	17.18	0.052	7	Pass
1.4MHz_High_QPSK_3@3	23.61	17.17	0.052	7	Pass
1.4MHz_High_QPSK_6@0	22.59	16.15	0.041	7	Pass
1.4MHz_High_16QAM_1@0	23.02	**16.58**	0.045	7	Pass
1.4MHz_High_16QAM_1@3	23.01	16.57	0.045	7	Pass
1.4MHz_High_16QAM_1@5	22.96	16.52	0.045	7	Pass
1.4MHz_High_16QAM_3@0	22.89	16.45	0.044	7	Pass
1.4MHz_High_16QAM_3@1	22.91	16.47	0.044	7	Pass
1.4MHz_High_16QAM_3@3	22.91	16.47	0.044	7	Pass
1.4MHz_High_16QAM_6@0	21.53	15.09	0.032	7	Pass
3MHz_Low_QPSK_1@0	23.38	16.94	0.049	7	Pass
3MHz_Low_QPSK_1@8	23.55	17.11	0.051	7	Pass
3MHz_Low_QPSK_1@14	23.52	17.08	0.051	7	Pass
3MHz_Low_QPSK_8@0	22.63	16.19	0.042	7	Pass
3MHz_Low_QPSK_8@4	22.68	16.24	0.042	7	Pass
3MHz_Low_QPSK_8@7	22.64	16.20	0.042	7	Pass
3MHz_Low_QPSK_15@0	22.65	16.21	0.042	7	Pass
3MHz_Low_16QAM_1@0	22.35	15.91	0.039	7	Pass
3MHz_Low_16QAM_1@8	22.43	15.99	0.040	7	Pass
3MHz_Low_16QAM_1@14	22.41	15.97	0.040	7	Pass
3MHz_Low_16QAM_8@0	21.62	15.18	0.033	7	Pass
3MHz_Low_16QAM_8@4	21.69	15.25	0.033	7	Pass
3MHz_Low_16QAM_8@7	21.65	15.21	0.033	7	Pass
3MHz_Low_16QAM_15@0	21.63	15.19	0.033	7	Pass
3MHz_Middle_QPSK_1@0	23.50	17.06	0.051	7	Pass
3MHz_Middle_QPSK_1@8	23.51	17.07	0.051	7	Pass
3MHz_Middle_QPSK_1@14	23.49	17.05	0.051	7	Pass
3MHz_Middle_QPSK_8@0	22.52	16.08	0.041	7	Pass
3MHz_Middle_QPSK_8@4	22.48	16.04	0.040	7	Pass
3MHz_Middle_QPSK_8@7	22.51	16.07	0.040	7	Pass
3MHz_Middle_QPSK_15@0	22.48	16.04	0.040	7	Pass
3MHz_Middle_16QAM_1@0	22.44	16.00	0.040	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	22.41	15.97	0.040	7	Pass
3MHz_Middle_16QAM_1@14	22.37	15.93	0.039	7	Pass
3MHz_Middle_16QAM_8@0	21.56	15.12	0.033	7	Pass
3MHz_Middle_16QAM_8@4	21.56	15.12	0.033	7	Pass
3MHz_Middle_16QAM_8@7	21.51	15.07	0.032	7	Pass
3MHz_Middle_16QAM_15@0	21.54	15.10	0.032	7	Pass
3MHz_High_QPSK_1@0	23.73	17.29	0.054	7	Pass
3MHz_High_QPSK_1@8	23.73	17.29	0.054	7	Pass
3MHz_High_QPSK_1@14	23.76	**17.32**	0.054	7	Pass
3MHz_High_QPSK_8@0	22.65	16.21	0.042	7	Pass
3MHz_High_QPSK_8@4	22.63	16.19	0.042	7	Pass
3MHz_High_QPSK_8@7	22.65	16.21	0.042	7	Pass
3MHz_High_QPSK_15@0	22.64	16.20	0.042	7	Pass
3MHz_High_16QAM_1@0	22.96	16.52	0.045	7	Pass
3MHz_High_16QAM_1@8	23	**16.56**	0.045	7	Pass
3MHz_High_16QAM_1@14	22.98	16.54	0.045	7	Pass
3MHz_High_16QAM_8@0	21.78	15.34	0.034	7	Pass
3MHz_High_16QAM_8@4	21.76	15.32	0.034	7	Pass
3MHz_High_16QAM_8@7	21.73	15.29	0.034	7	Pass
3MHz_High_16QAM_15@0	21.65	15.21	0.033	7	Pass
5MHz_Low_QPSK_1@0	23.49	17.05	0.051	7	Pass
5MHz_Low_QPSK_1@12	23.62	17.18	0.052	7	Pass
5MHz_Low_QPSK_1@24	23.53	17.09	0.051	7	Pass
5MHz_Low_QPSK_12@0	22.74	16.30	0.043	7	Pass
5MHz_Low_QPSK_12@7	22.70	16.26	0.042	7	Pass
5MHz_Low_QPSK_12@13	22.66	16.22	0.042	7	Pass
5MHz_Low_QPSK_25@0	22.73	16.29	0.043	7	Pass
5MHz_Low_16QAM_1@0	22.55	16.11	0.041	7	Pass
5MHz_Low_16QAM_1@12	22.69	16.25	0.042	7	Pass
5MHz_Low_16QAM_1@24	22.61	16.17	0.041	7	Pass
5MHz_Low_16QAM_12@0	21.86	15.42	0.035	7	Pass
5MHz_Low_16QAM_12@7	21.81	15.37	0.034	7	Pass
5MHz_Low_16QAM_12@13	21.77	15.33	0.034	7	Pass
5MHz_Low_16QAM_25@0	21.69	15.25	0.033	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	23.69	**17.25**	0.053	7	Pass
5MHz_Middle_QPSK_1@12	23.65	17.21	0.053	7	Pass
5MHz_Middle_QPSK_1@24	23.65	17.21	0.053	7	Pass
5MHz_Middle_QPSK_12@0	22.56	16.12	0.041	7	Pass
5MHz_Middle_QPSK_12@7	22.53	16.09	0.041	7	Pass
5MHz_Middle_QPSK_12@13	22.52	16.08	0.041	7	Pass
5MHz_Middle_QPSK_25@0	22.58	16.14	0.041	7	Pass
5MHz_Middle_16QAM_1@0	22.64	16.20	0.042	7	Pass
5MHz_Middle_16QAM_1@12	22.62	16.18	0.041	7	Pass
5MHz_Middle_16QAM_1@24	22.61	16.17	0.041	7	Pass
5MHz_Middle_16QAM_12@0	21.64	15.20	0.033	7	Pass
5MHz_Middle_16QAM_12@7	21.61	15.17	0.033	7	Pass
5MHz_Middle_16QAM_12@13	21.62	15.18	0.033	7	Pass
5MHz_Middle_16QAM_25@0	21.59	15.15	0.033	7	Pass
5MHz_High_QPSK_1@0	23.43	16.99	0.050	7	Pass
5MHz_High_QPSK_1@12	23.55	17.11	0.051	7	Pass
5MHz_High_QPSK_1@24	23.56	17.12	0.052	7	Pass
5MHz_High_QPSK_12@0	22.62	16.18	0.041	7	Pass
5MHz_High_QPSK_12@7	22.70	16.26	0.042	7	Pass
5MHz_High_QPSK_12@13	22.69	16.25	0.042	7	Pass
5MHz_High_QPSK_25@0	22.70	16.26	0.042	7	Pass
5MHz_High_16QAM_1@0	23.12	16.68	0.047	7	Pass
5MHz_High_16QAM_1@12	23.40	**16.96**	0.050	7	Pass
5MHz_High_16QAM_1@24	23.33	16.89	0.049	7	Pass
5MHz_High_16QAM_12@0	21.73	15.29	0.034	7	Pass
5MHz_High_16QAM_12@7	21.79	15.35	0.034	7	Pass
5MHz_High_16QAM_12@13	21.81	15.37	0.034	7	Pass
5MHz_High_16QAM_25@0	21.78	15.34	0.034	7	Pass
10MHz_Low_QPSK_1@0	23.62	17.18	0.052	7	Pass
10MHz_Low_QPSK_1@25	23.63	17.19	0.052	7	Pass
10MHz_Low_QPSK_1@49	23.64	17.20	0.052	7	Pass
10MHz_Low_QPSK_25@0	22.71	16.27	0.042	7	Pass
10MHz_Low_QPSK_25@12	22.62	16.18	0.041	7	Pass
10MHz_Low_QPSK_25@25	22.62	16.18	0.041	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.68	16.24	0.042	7	Pass
10MHz_Low_16QAM_1@0	22.53	16.09	0.041	7	Pass
10MHz_Low_16QAM_1@25	22.52	16.08	0.041	7	Pass
10MHz_Low_16QAM_1@49	22.53	16.09	0.041	7	Pass
10MHz_Low_16QAM_25@0	21.77	15.33	0.034	7	Pass
10MHz_Low_16QAM_25@12	21.67	15.23	0.033	7	Pass
10MHz_Low_16QAM_25@25	21.67	15.23	0.033	7	Pass
10MHz_Low_16QAM_50@0	21.64	15.20	0.033	7	Pass
10MHz_Middle_QPSK_1@0	23.76	**17.32**	0.054	7	Pass
10MHz_Middle_QPSK_1@25	23.72	17.28	0.053	7	Pass
10MHz_Middle_QPSK_1@49	23.73	17.29	0.054	7	Pass
10MHz_Middle_QPSK_25@0	22.53	16.09	0.041	7	Pass
10MHz_Middle_QPSK_25@12	22.51	16.07	0.040	7	Pass
10MHz_Middle_QPSK_25@25	22.51	16.07	0.040	7	Pass
10MHz_Middle_QPSK_50@0	22.51	16.07	0.040	7	Pass
10MHz_Middle_16QAM_1@0	22.95	**16.51**	0.045	7	Pass
10MHz_Middle_16QAM_1@25	22.91	16.47	0.044	7	Pass
10MHz_Middle_16QAM_1@49	22.91	16.47	0.044	7	Pass
10MHz_Middle_16QAM_25@0	21.58	15.14	0.033	7	Pass
10MHz_Middle_16QAM_25@12	21.56	15.12	0.033	7	Pass
10MHz_Middle_16QAM_25@25	21.55	15.11	0.032	7	Pass
10MHz_Middle_16QAM_50@0	21.54	15.10	0.032	7	Pass
10MHz_High_QPSK_1@0	23.42	16.98	0.050	7	Pass
10MHz_High_QPSK_1@25	23.35	16.91	0.049	7	Pass
10MHz_High_QPSK_1@49	23.52	17.08	0.051	7	Pass
10MHz_High_QPSK_25@0	22.53	16.09	0.041	7	Pass
10MHz_High_QPSK_25@12	22.52	16.08	0.041	7	Pass
10MHz_High_QPSK_25@25	22.59	16.15	0.041	7	Pass
10MHz_High_QPSK_50@0	22.58	16.14	0.041	7	Pass
10MHz_High_16QAM_1@0	22.31	15.87	0.039	7	Pass
10MHz_High_16QAM_1@25	22.26	15.82	0.038	7	Pass
10MHz_High_16QAM_1@49	22.43	15.99	0.040	7	Pass
10MHz_High_16QAM_25@0	21.62	15.18	0.033	7	Pass
10MHz_High_16QAM_25@12	21.59	15.15	0.033	7	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	21.68	15.24	0.033	7	Pass
10MHz_High_16QAM_50@0	21.61	15.17	0.033	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 = -3.79dBi;

2.Cable Loss = 0.5dB.

FCC Part 24E

LTE Band 2, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	18.86	18.80	0.076	2	Pass
1.4MHz_Low_QPSK_1@3	18.80	18.74	0.075	2	Pass
1.4MHz_Low_QPSK_1@5	18.87	18.81	0.076	2	Pass
1.4MHz_Low_QPSK_3@0	18.88	18.82	0.076	2	Pass
1.4MHz_Low_QPSK_3@1	18.91	18.85	0.077	2	Pass
1.4MHz_Low_QPSK_3@3	18.94	18.88	0.077	2	Pass
1.4MHz_Low_QPSK_6@0	17.94	17.88	0.061	2	Pass
1.4MHz_Low_16QAM_1@0	17.72	17.66	0.058	2	Pass
1.4MHz_Low_16QAM_1@3	17.75	17.69	0.059	2	Pass
1.4MHz_Low_16QAM_1@5	17.80	17.74	0.059	2	Pass
1.4MHz_Low_16QAM_3@0	18.03	17.97	0.063	2	Pass
1.4MHz_Low_16QAM_3@1	18.10	18.04	0.064	2	Pass
1.4MHz_Low_16QAM_3@3	18.13	18.07	0.064	2	Pass
1.4MHz_Low_16QAM_6@0	17.10	17.04	0.051	2	Pass
1.4MHz_Middle_QPSK_1@0	19.41	**19.35**	0.086	2	Pass
1.4MHz_Middle_QPSK_1@3	19.34	19.28	0.085	2	Pass
1.4MHz_Middle_QPSK_1@5	19.38	19.32	0.086	2	Pass
1.4MHz_Middle_QPSK_3@0	19.21	19.15	0.082	2	Pass
1.4MHz_Middle_QPSK_3@1	19.19	19.13	0.082	2	Pass
1.4MHz_Middle_QPSK_3@3	19.18	19.12	0.082	2	Pass
1.4MHz_Middle_QPSK_6@0	18.15	18.09	0.064	2	Pass
1.4MHz_Middle_16QAM_1@0	18.61	**18.55**	0.072	2	Pass
1.4MHz_Middle_16QAM_1@3	18.55	18.49	0.071	2	Pass
1.4MHz_Middle_16QAM_1@5	18.57	18.51	0.071	2	Pass
1.4MHz_Middle_16QAM_3@0	18.50	18.44	0.070	2	Pass
1.4MHz_Middle_16QAM_3@1	18.50	18.44	0.070	2	Pass
1.4MHz_Middle_16QAM_3@3	18.50	18.44	0.070	2	Pass
1.4MHz_Middle_16QAM_6@0	17.09	17.03	0.050	2	Pass
1.4MHz_High_QPSK_1@0	18.89	18.83	0.076	2	Pass
1.4MHz_High_QPSK_1@3	18.84	18.78	0.076	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	18.90	18.84	0.077	2	Pass
1.4MHz_High_QPSK_3@0	18.97	18.91	0.078	2	Pass
1.4MHz_High_QPSK_3@1	18.99	18.93	0.078	2	Pass
1.4MHz_High_QPSK_3@3	18.98	18.92	0.078	2	Pass
1.4MHz_High_QPSK_6@0	18.03	17.97	0.063	2	Pass
1.4MHz_High_16QAM_1@0	17.81	17.75	0.060	2	Pass
1.4MHz_High_16QAM_1@3	17.79	17.73	0.059	2	Pass
1.4MHz_High_16QAM_1@5	17.82	17.76	0.060	2	Pass
1.4MHz_High_16QAM_3@0	18.10	18.04	0.064	2	Pass
1.4MHz_High_16QAM_3@1	18.13	18.07	0.064	2	Pass
1.4MHz_High_16QAM_3@3	18.15	18.09	0.064	2	Pass
1.4MHz_High_16QAM_6@0	17.19	17.13	0.052	2	Pass
3MHz_Low_QPSK_1@0	18.82	18.76	0.075	2	Pass
3MHz_Low_QPSK_1@8	18.89	18.83	0.076	2	Pass
3MHz_Low_QPSK_1@14	18.99	18.93	0.078	2	Pass
3MHz_Low_QPSK_8@0	18.02	17.96	0.063	2	Pass
3MHz_Low_QPSK_8@4	18.02	17.96	0.063	2	Pass
3MHz_Low_QPSK_8@7	18.03	17.97	0.063	2	Pass
3MHz_Low_QPSK_15@0	18.03	17.97	0.063	2	Pass
3MHz_Low_16QAM_1@0	17.80	17.74	0.059	2	Pass
3MHz_Low_16QAM_1@8	17.79	17.73	0.059	2	Pass
3MHz_Low_16QAM_1@14	17.86	17.80	0.060	2	Pass
3MHz_Low_16QAM_8@0	17.02	16.96	0.050	2	Pass
3MHz_Low_16QAM_8@4	17.04	16.98	0.050	2	Pass
3MHz_Low_16QAM_8@7	17.07	17.01	0.050	2	Pass
3MHz_Low_16QAM_15@0	17.01	16.95	0.050	2	Pass
3MHz_Middle_QPSK_1@0	19.08	19.02	0.080	2	Pass
3MHz_Middle_QPSK_1@8	19.15	**19.09**	0.081	2	Pass
3MHz_Middle_QPSK_1@14	19.14	19.08	0.081	2	Pass
3MHz_Middle_QPSK_8@0	18.16	18.10	0.065	2	Pass
3MHz_Middle_QPSK_8@4	18.19	18.13	0.065	2	Pass
3MHz_Middle_QPSK_8@7	18.18	18.12	0.065	2	Pass
3MHz_Middle_QPSK_15@0	18.18	18.12	0.065	2	Pass
3MHz_Middle_16QAM_1@0	18.07	18.01	0.063	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	18.13	18.07	0.064	2	Pass
3MHz_Middle_16QAM_1@14	18.11	18.05	0.064	2	Pass
3MHz_Middle_16QAM_8@0	17.23	17.17	0.052	2	Pass
3MHz_Middle_16QAM_8@4	19.42	**19.36**	0.086	2	Pass
3MHz_Middle_16QAM_8@7	17.08	17.02	0.050	2	Pass
3MHz_Middle_16QAM_15@0	17.27	17.21	0.053	2	Pass
3MHz_High_QPSK_1@0	18.81	18.75	0.075	2	Pass
3MHz_High_QPSK_1@8	18.87	18.81	0.076	2	Pass
3MHz_High_QPSK_1@14	18.85	18.79	0.076	2	Pass
3MHz_High_QPSK_8@0	18.05	17.99	0.063	2	Pass
3MHz_High_QPSK_8@4	18	17.94	0.062	2	Pass
3MHz_High_QPSK_8@7	17.99	17.93	0.062	2	Pass
3MHz_High_QPSK_15@0	17.99	17.93	0.062	2	Pass
3MHz_High_16QAM_1@0	17.82	17.76	0.060	2	Pass
3MHz_High_16QAM_1@8	17.77	17.71	0.059	2	Pass
3MHz_High_16QAM_1@14	17.79	17.73	0.059	2	Pass
3MHz_High_16QAM_8@0	17.01	16.95	0.050	2	Pass
3MHz_High_16QAM_8@4	17.01	16.95	0.050	2	Pass
3MHz_High_16QAM_8@7	16.99	16.93	0.049	2	Pass
3MHz_High_16QAM_15@0	16.98	16.92	0.049	2	Pass
5MHz_Low_QPSK_1@0	19.01	18.95	0.079	2	Pass
5MHz_Low_QPSK_1@12	19.17	19.11	0.081	2	Pass
5MHz_Low_QPSK_1@24	19.26	19.20	0.083	2	Pass
5MHz_Low_QPSK_12@0	18.10	18.04	0.064	2	Pass
5MHz_Low_QPSK_12@7	18.16	18.10	0.065	2	Pass
5MHz_Low_QPSK_12@13	18.22	18.16	0.065	2	Pass
5MHz_Low_QPSK_25@0	18.16	18.10	0.065	2	Pass
5MHz_Low_16QAM_1@0	18.07	18.01	0.063	2	Pass
5MHz_Low_16QAM_1@12	18.22	18.16	0.065	2	Pass
5MHz_Low_16QAM_1@24	18.28	18.22	0.066	2	Pass
5MHz_Low_16QAM_12@0	17.19	17.13	0.052	2	Pass
5MHz_Low_16QAM_12@7	17.24	17.18	0.052	2	Pass
5MHz_Low_16QAM_12@13	17.30	17.24	0.053	2	Pass
5MHz_Low_16QAM_25@0	17.14	17.08	0.051	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	19.26	19.20	0.083	2	Pass
5MHz_Middle_QPSK_1@12	19.33	**19.27**	0.085	2	Pass
5MHz_Middle_QPSK_1@24	19.32	19.26	0.084	2	Pass
5MHz_Middle_QPSK_12@0	18.26	18.20	0.066	2	Pass
5MHz_Middle_QPSK_12@7	18.27	18.21	0.066	2	Pass
5MHz_Middle_QPSK_12@13	18.25	18.19	0.066	2	Pass
5MHz_Middle_QPSK_25@0	18.30	18.24	0.067	2	Pass
5MHz_Middle_16QAM_1@0	18.25	18.19	0.066	2	Pass
5MHz_Middle_16QAM_1@12	18.31	18.25	0.067	2	Pass
5MHz_Middle_16QAM_1@24	18.29	18.23	0.067	2	Pass
5MHz_Middle_16QAM_12@0	17.31	17.25	0.053	2	Pass
5MHz_Middle_16QAM_12@7	17.32	17.26	0.053	2	Pass
5MHz_Middle_16QAM_12@13	17.31	17.25	0.053	2	Pass
5MHz_Middle_16QAM_25@0	17.27	17.21	0.053	2	Pass
5MHz_High_QPSK_1@0	19.09	19.03	0.080	2	Pass
5MHz_High_QPSK_1@12	19.07	19.01	0.080	2	Pass
5MHz_High_QPSK_1@24	19.05	18.99	0.079	2	Pass
5MHz_High_QPSK_12@0	18.11	18.05	0.064	2	Pass
5MHz_High_QPSK_12@7	18.09	18.03	0.064	2	Pass
5MHz_High_QPSK_12@13	18.06	18.00	0.063	2	Pass
5MHz_High_QPSK_25@0	18.13	18.07	0.064	2	Pass
5MHz_High_16QAM_1@0	18.67	**18.61**	0.073	2	Pass
5MHz_High_16QAM_1@12	18.66	18.60	0.072	2	Pass
5MHz_High_16QAM_1@24	18.63	18.57	0.072	2	Pass
5MHz_High_16QAM_12@0	17.23	17.17	0.052	2	Pass
5MHz_High_16QAM_12@7	17.20	17.14	0.052	2	Pass
5MHz_High_16QAM_12@13	17.17	17.11	0.051	2	Pass
5MHz_High_16QAM_25@0	17.19	17.13	0.052	2	Pass
10MHz_Low_QPSK_1@0	18.91	18.85	0.077	2	Pass
10MHz_Low_QPSK_1@25	19.07	19.01	0.080	2	Pass
10MHz_Low_QPSK_1@49	19.11	19.05	0.080	2	Pass
10MHz_Low_QPSK_25@0	18.16	18.10	0.065	2	Pass
10MHz_Low_QPSK_25@12	18.21	18.15	0.065	2	Pass
10MHz_Low_QPSK_25@25	18.24	18.18	0.066	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	18.17	18.11	0.065	2	Pass
10MHz_Low_16QAM_1@0	17.82	17.76	0.060	2	Pass
10MHz_Low_16QAM_1@25	18.02	17.96	0.063	2	Pass
10MHz_Low_16QAM_1@49	18.02	17.96	0.063	2	Pass
10MHz_Low_16QAM_25@0	17.22	17.16	0.052	2	Pass
10MHz_Low_16QAM_25@12	17.17	17.11	0.051	2	Pass
10MHz_Low_16QAM_25@25	17.21	17.15	0.052	2	Pass
10MHz_Low_16QAM_50@0	17.07	17.01	0.050	2	Pass
10MHz_Middle_QPSK_1@0	19.30	19.24	0.084	2	Pass
10MHz_Middle_QPSK_1@25	19.34	19.28	0.085	2	Pass
10MHz_Middle_QPSK_1@49	19.37	**19.31**	0.085	2	Pass
10MHz_Middle_QPSK_25@0	18.16	18.10	0.065	2	Pass
10MHz_Middle_QPSK_25@12	18.15	18.09	0.064	2	Pass
10MHz_Middle_QPSK_25@25	18.14	18.08	0.064	2	Pass
10MHz_Middle_QPSK_50@0	18.12	18.06	0.064	2	Pass
10MHz_Middle_16QAM_1@0	18.51	18.45	0.070	2	Pass
10MHz_Middle_16QAM_1@25	18.54	18.48	0.070	2	Pass
10MHz_Middle_16QAM_1@49	18.56	**18.50**	0.071	2	Pass
10MHz_Middle_16QAM_25@0	17.19	17.13	0.052	2	Pass
10MHz_Middle_16QAM_25@12	17.17	17.11	0.051	2	Pass
10MHz_Middle_16QAM_25@25	17.18	17.12	0.052	2	Pass
10MHz_Middle_16QAM_50@0	17.13	17.07	0.051	2	Pass
10MHz_High_QPSK_1@0	18.96	18.90	0.078	2	Pass
10MHz_High_QPSK_1@25	18.83	18.77	0.075	2	Pass
10MHz_High_QPSK_1@49	18.87	18.81	0.076	2	Pass
10MHz_High_QPSK_25@0	18.03	17.97	0.063	2	Pass
10MHz_High_QPSK_25@12	17.99	17.93	0.062	2	Pass
10MHz_High_QPSK_25@25	17.96	17.90	0.062	2	Pass
10MHz_High_QPSK_50@0	18.01	17.95	0.062	2	Pass
10MHz_High_16QAM_1@0	17.90	17.84	0.061	2	Pass
10MHz_High_16QAM_1@25	17.76	17.70	0.059	2	Pass
10MHz_High_16QAM_1@49	17.77	17.71	0.059	2	Pass
10MHz_High_16QAM_25@0	17.12	17.06	0.051	2	Pass
10MHz_High_16QAM_25@12	17.05	16.99	0.050	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	17.05	16.99	0.050	2	Pass
10MHz_High_16QAM_50@0	17.03	16.97	0.050	2	Pass
15MHz_Low_QPSK_1@0	18.96	18.90	0.078	2	Pass
15MHz_Low_QPSK_1@37	19.16	19.10	0.081	2	Pass
15MHz_Low_QPSK_1@74	19.12	19.06	0.081	2	Pass
15MHz_Low_QPSK_36@0	18.15	18.09	0.064	2	Pass
15MHz_Low_QPSK_36@20	18.21	18.15	0.065	2	Pass
15MHz_Low_QPSK_36@39	18.20	18.14	0.065	2	Pass
15MHz_Low_QPSK_75@0	18.20	18.14	0.065	2	Pass
15MHz_Low_16QAM_1@0	17.99	17.93	0.062	2	Pass
15MHz_Low_16QAM_1@37	18.20	18.14	0.065	2	Pass
15MHz_Low_16QAM_1@74	18.15	18.09	0.064	2	Pass
15MHz_Low_16QAM_36@0	17.20	17.14	0.052	2	Pass
15MHz_Low_16QAM_36@20	17.25	17.19	0.052	2	Pass
15MHz_Low_16QAM_36@39	17.23	17.17	0.052	2	Pass
15MHz_Low_16QAM_75@0	17.23	17.17	0.052	2	Pass
15MHz_Middle_QPSK_1@0	19.37	19.31	0.085	2	Pass
15MHz_Middle_QPSK_1@37	19.46	**19.40**	0.087	2	Pass
15MHz_Middle_QPSK_1@74	19.35	19.29	0.085	2	Pass
15MHz_Middle_QPSK_36@0	18.21	18.15	0.065	2	Pass
15MHz_Middle_QPSK_36@20	18.22	18.16	0.065	2	Pass
15MHz_Middle_QPSK_36@39	18.20	18.14	0.065	2	Pass
15MHz_Middle_QPSK_75@0	18.21	18.15	0.065	2	Pass
15MHz_Middle_16QAM_1@0	18.53	18.47	0.070	2	Pass
15MHz_Middle_16QAM_1@37	18.63	**18.57**	0.072	2	Pass
15MHz_Middle_16QAM_1@74	18.51	18.45	0.070	2	Pass
15MHz_Middle_16QAM_36@0	17.27	17.21	0.053	2	Pass
15MHz_Middle_16QAM_36@20	17.27	17.21	0.053	2	Pass
15MHz_Middle_16QAM_36@39	17.14	17.08	0.051	2	Pass
15MHz_Middle_16QAM_75@0	17.14	17.08	0.051	2	Pass
15MHz_High_QPSK_1@0	19.22	19.16	0.082	2	Pass
15MHz_High_QPSK_1@37	19.24	19.18	0.083	2	Pass
15MHz_High_QPSK_1@74	19.17	19.11	0.081	2	Pass
15MHz_High_QPSK_36@0	18.06	18.00	0.063	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	18.05	17.99	0.063	2	Pass
15MHz_High_QPSK_36@39	17.98	17.92	0.062	2	Pass
15MHz_High_QPSK_75@0	18.05	17.99	0.063	2	Pass
15MHz_High_16QAM_1@0	17.99	17.93	0.062	2	Pass
15MHz_High_16QAM_1@37	18.01	17.95	0.062	2	Pass
15MHz_High_16QAM_1@74	17.93	17.87	0.061	2	Pass
15MHz_High_16QAM_36@0	17.06	17.00	0.050	2	Pass
15MHz_High_16QAM_36@20	17.07	17.01	0.050	2	Pass
15MHz_High_16QAM_36@39	17.01	16.95	0.050	2	Pass
15MHz_High_16QAM_75@0	17.07	17.01	0.050	2	Pass
20MHz_Low_QPSK_1@0	18.83	18.77	0.075	2	Pass
20MHz_Low_QPSK_1@49	19.02	18.96	0.079	2	Pass
20MHz_Low_QPSK_1@99	18.95	18.89	0.077	2	Pass
20MHz_Low_QPSK_50@0	18.14	18.08	0.064	2	Pass
20MHz_Low_QPSK_50@24	18.19	18.13	0.065	2	Pass
20MHz_Low_QPSK_50@50	18.18	18.12	0.065	2	Pass
20MHz_Low_QPSK_100@0	18.15	18.09	0.064	2	Pass
20MHz_Low_16QAM_1@0	18.60	18.54	0.071	2	Pass
20MHz_Low_16QAM_1@49	18.79	**18.73**	0.075	2	Pass
20MHz_Low_16QAM_1@99	18.74	18.68	0.074	2	Pass
20MHz_Low_16QAM_50@0	17.19	17.13	0.052	2	Pass
20MHz_Low_16QAM_50@24	17.24	17.18	0.052	2	Pass
20MHz_Low_16QAM_50@50	17.22	17.16	0.052	2	Pass
20MHz_Low_16QAM_100@0	17.15	17.09	0.051	2	Pass
20MHz_Middle_QPSK_1@0	19.08	19.02	0.080	2	Pass
20MHz_Middle_QPSK_1@49	19.19	**19.13**	0.082	2	Pass
20MHz_Middle_QPSK_1@99	19	18.94	0.078	2	Pass
20MHz_Middle_QPSK_50@0	18.17	18.11	0.065	2	Pass
20MHz_Middle_QPSK_50@24	18.19	18.13	0.065	2	Pass
20MHz_Middle_QPSK_50@50	18.14	18.08	0.064	2	Pass
20MHz_Middle_QPSK_100@0	18.19	18.13	0.065	2	Pass
20MHz_Middle_16QAM_1@0	18.50	18.44	0.070	2	Pass
20MHz_Middle_16QAM_1@49	18.57	18.51	0.071	2	Pass
20MHz_Middle_16QAM_1@99	18.42	18.36	0.069	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	17.19	17.13	0.052	2	Pass
20MHz_Middle_16QAM_50@24	17.22	17.16	0.052	2	Pass
20MHz_Middle_16QAM_50@50	17.17	17.11	0.051	2	Pass
20MHz_Middle_16QAM_100@0	17.17	17.11	0.051	2	Pass
20MHz_High_QPSK_1@0	18.99	18.93	0.078	2	Pass
20MHz_High_QPSK_1@49	18.96	18.90	0.078	2	Pass
20MHz_High_QPSK_1@99	18.85	18.79	0.076	2	Pass
20MHz_High_QPSK_50@0	18.13	18.07	0.064	2	Pass
20MHz_High_QPSK_50@24	18.13	18.07	0.064	2	Pass
20MHz_High_QPSK_50@50	18.05	17.99	0.063	2	Pass
20MHz_High_QPSK_100@0	18.09	18.03	0.064	2	Pass
20MHz_High_16QAM_1@0	18.37	18.31	0.068	2	Pass
20MHz_High_16QAM_1@49	18.33	18.27	0.067	2	Pass
20MHz_High_16QAM_1@99	18.26	18.20	0.066	2	Pass
20MHz_High_16QAM_50@0	17.08	17.02	0.050	2	Pass
20MHz_High_16QAM_50@24	17.09	17.03	0.050	2	Pass
20MHz_High_16QAM_50@50	17.04	16.98	0.050	2	Pass
20MHz_High_16QAM_100@0	17.09	17.03	0.050	2	Pass

Note:

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

Band 2:

1.Antenna Gain = -0.06dBi;

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	19.76	17.48	0.056	1	Pass
1.4MHz_Low_QPSK_1@3	19.77	17.49	0.056	1	Pass
1.4MHz_Low_QPSK_1@5	19.87	17.59	0.057	1	Pass
1.4MHz_Low_QPSK_3@0	19.85	17.57	0.057	1	Pass
1.4MHz_Low_QPSK_3@1	19.89	17.61	0.058	1	Pass
1.4MHz_Low_QPSK_3@3	19.94	17.66	0.058	1	Pass
1.4MHz_Low_QPSK_6@0	18.93	16.65	0.046	1	Pass
1.4MHz_Low_16QAM_1@0	18.70	16.42	0.044	1	Pass
1.4MHz_Low_16QAM_1@3	18.74	16.46	0.044	1	Pass
1.4MHz_Low_16QAM_1@5	18.83	16.55	0.045	1	Pass
1.4MHz_Low_16QAM_3@0	19.01	16.73	0.047	1	Pass
1.4MHz_Low_16QAM_3@1	19.03	16.75	0.047	1	Pass
1.4MHz_Low_16QAM_3@3	19.07	16.79	0.048	1	Pass
1.4MHz_Low_16QAM_6@0	18.10	15.82	0.038	1	Pass
1.4MHz_Middle_QPSK_1@0	19.97	17.69	0.059	1	Pass
1.4MHz_Middle_QPSK_1@3	19.92	17.64	0.058	1	Pass
1.4MHz_Middle_QPSK_1@5	19.96	17.68	0.059	1	Pass
1.4MHz_Middle_QPSK_3@0	19.93	17.65	0.058	1	Pass
1.4MHz_Middle_QPSK_3@1	19.91	17.63	0.058	1	Pass
1.4MHz_Middle_QPSK_3@3	19.95	17.67	0.058	1	Pass
1.4MHz_Middle_QPSK_6@0	18.99	16.71	0.047	1	Pass
1.4MHz_Middle_16QAM_1@0	18.84	16.56	0.045	1	Pass
1.4MHz_Middle_16QAM_1@3	18.80	16.52	0.045	1	Pass
1.4MHz_Middle_16QAM_1@5	18.82	16.54	0.045	1	Pass
1.4MHz_Middle_16QAM_3@0	19.10	16.82	0.048	1	Pass
1.4MHz_Middle_16QAM_3@1	19.13	16.85	0.048	1	Pass
1.4MHz_Middle_16QAM_3@3	19.11	16.83	0.048	1	Pass
1.4MHz_Middle_16QAM_6@0	18.13	15.85	0.038	1	Pass
1.4MHz_High_QPSK_1@0	20.02	**17.74**	0.059	1	Pass
1.4MHz_High_QPSK_1@3	19.90	17.62	0.058	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	19.99	17.71	0.059	1	Pass
1.4MHz_High_QPSK_3@0	19.81	17.53	0.057	1	Pass
1.4MHz_High_QPSK_3@1	19.80	17.52	0.056	1	Pass
1.4MHz_High_QPSK_3@3	19.80	17.52	0.056	1	Pass
1.4MHz_High_QPSK_6@0	18.76	16.48	0.044	1	Pass
1.4MHz_High_16QAM_1@0	19.18	**16.90**	0.049	1	Pass
1.4MHz_High_16QAM_1@3	19.16	16.88	0.049	1	Pass
1.4MHz_High_16QAM_1@5	19.14	16.86	0.049	1	Pass
1.4MHz_High_16QAM_3@0	19.11	16.83	0.048	1	Pass
1.4MHz_High_16QAM_3@1	19.09	16.81	0.048	1	Pass
1.4MHz_High_16QAM_3@3	19.10	16.82	0.048	1	Pass
1.4MHz_High_16QAM_6@0	17.69	15.41	0.035	1	Pass
3MHz_Low_QPSK_1@0	19.76	17.48	0.056	1	Pass
3MHz_Low_QPSK_1@8	19.91	17.63	0.058	1	Pass
3MHz_Low_QPSK_1@14	19.95	17.67	0.058	1	Pass
3MHz_Low_QPSK_8@0	18.95	16.67	0.046	1	Pass
3MHz_Low_QPSK_8@4	19	16.72	0.047	1	Pass
3MHz_Low_QPSK_8@7	19.05	16.77	0.048	1	Pass
3MHz_Low_QPSK_15@0	18.94	16.66	0.046	1	Pass
3MHz_Low_16QAM_1@0	18.78	16.50	0.045	1	Pass
3MHz_Low_16QAM_1@8	18.80	16.52	0.045	1	Pass
3MHz_Low_16QAM_1@14	18.92	16.64	0.046	1	Pass
3MHz_Low_16QAM_8@0	17.91	15.63	0.037	1	Pass
3MHz_Low_16QAM_8@4	17.99	15.71	0.037	1	Pass
3MHz_Low_16QAM_8@7	18.04	15.76	0.038	1	Pass
3MHz_Low_16QAM_15@0	17.91	15.63	0.037	1	Pass
3MHz_Middle_QPSK_1@0	19.89	17.61	0.058	1	Pass
3MHz_Middle_QPSK_1@8	19.94	17.66	0.058	1	Pass
3MHz_Middle_QPSK_1@14	19.92	17.64	0.058	1	Pass
3MHz_Middle_QPSK_8@0	18.96	16.68	0.047	1	Pass
3MHz_Middle_QPSK_8@4	18.99	16.71	0.047	1	Pass
3MHz_Middle_QPSK_8@7	18.96	16.68	0.047	1	Pass
3MHz_Middle_QPSK_15@0	18.95	16.67	0.046	1	Pass
3MHz_Middle_16QAM_1@0	18.90	16.62	0.046	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	18.90	16.62	0.046	1	Pass
3MHz_Middle_16QAM_1@14	18.86	16.58	0.045	1	Pass
3MHz_Middle_16QAM_8@0	18.03	15.75	0.038	1	Pass
3MHz_Middle_16QAM_8@4	18.03	15.75	0.038	1	Pass
3MHz_Middle_16QAM_8@7	18.02	15.74	0.037	1	Pass
3MHz_Middle_16QAM_15@0	18.03	15.75	0.038	1	Pass
3MHz_High_QPSK_1@0	19.95	17.67	0.058	1	Pass
3MHz_High_QPSK_1@8	19.98	**17.70**	0.059	1	Pass
3MHz_High_QPSK_1@14	19.95	17.67	0.058	1	Pass
3MHz_High_QPSK_8@0	18.81	16.53	0.045	1	Pass
3MHz_High_QPSK_8@4	18.77	16.49	0.045	1	Pass
3MHz_High_QPSK_8@7	18.79	16.51	0.045	1	Pass
3MHz_High_QPSK_15@0	18.78	16.50	0.045	1	Pass
3MHz_High_16QAM_1@0	19.17	**16.89**	0.049	1	Pass
3MHz_High_16QAM_1@8	19.16	16.88	0.049	1	Pass
3MHz_High_16QAM_1@14	19.14	16.86	0.049	1	Pass
3MHz_High_16QAM_8@0	17.95	15.67	0.037	1	Pass
3MHz_High_16QAM_8@4	17.90	15.62	0.036	1	Pass
3MHz_High_16QAM_8@7	17.94	15.66	0.037	1	Pass
3MHz_High_16QAM_15@0	17.82	15.54	0.036	1	Pass
5MHz_Low_QPSK_1@0	19.93	17.65	0.058	1	Pass
5MHz_Low_QPSK_1@12	20.14	17.86	0.061	1	Pass
5MHz_Low_QPSK_1@24	20.17	**17.89**	0.062	1	Pass
5MHz_Low_QPSK_12@0	19	16.72	0.047	1	Pass
5MHz_Low_QPSK_12@7	19.10	16.82	0.048	1	Pass
5MHz_Low_QPSK_12@13	19.19	16.91	0.049	1	Pass
5MHz_Low_QPSK_25@0	19.12	16.84	0.048	1	Pass
5MHz_Low_16QAM_1@0	18.59	16.31	0.043	1	Pass
5MHz_Low_16QAM_1@12	18.82	16.54	0.045	1	Pass
5MHz_Low_16QAM_1@24	18.81	16.53	0.045	1	Pass
5MHz_Low_16QAM_12@0	18.09	15.81	0.038	1	Pass
5MHz_Low_16QAM_12@7	18.20	15.92	0.039	1	Pass
5MHz_Low_16QAM_12@13	18.26	15.98	0.040	1	Pass
5MHz_Low_16QAM_25@0	18.07	15.79	0.038	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	20.01	17.73	0.059	1	Pass
5MHz_Middle_QPSK_1@12	20.06	17.78	0.060	1	Pass
5MHz_Middle_QPSK_1@24	20.04	17.76	0.060	1	Pass
5MHz_Middle_QPSK_12@0	19.02	16.74	0.047	1	Pass
5MHz_Middle_QPSK_12@7	18.99	16.71	0.047	1	Pass
5MHz_Middle_QPSK_12@13	18.99	16.71	0.047	1	Pass
5MHz_Middle_QPSK_25@0	19.02	16.74	0.047	1	Pass
5MHz_Middle_16QAM_1@0	19.11	**16.83**	0.048	1	Pass
5MHz_Middle_16QAM_1@12	19.07	16.79	0.048	1	Pass
5MHz_Middle_16QAM_1@24	19.06	16.78	0.048	1	Pass
5MHz_Middle_16QAM_12@0	18.11	15.83	0.038	1	Pass
5MHz_Middle_16QAM_12@7	18.11	15.83	0.038	1	Pass
5MHz_Middle_16QAM_12@13	18.12	15.84	0.038	1	Pass
5MHz_Middle_16QAM_25@0	18.02	15.74	0.037	1	Pass
5MHz_High_QPSK_1@0	19.89	17.61	0.058	1	Pass
5MHz_High_QPSK_1@12	19.91	17.63	0.058	1	Pass
5MHz_High_QPSK_1@24	19.89	17.61	0.058	1	Pass
5MHz_High_QPSK_12@0	18.89	16.61	0.046	1	Pass
5MHz_High_QPSK_12@7	18.86	16.58	0.045	1	Pass
5MHz_High_QPSK_12@13	18.85	16.57	0.045	1	Pass
5MHz_High_QPSK_25@0	18.89	16.61	0.046	1	Pass
5MHz_High_16QAM_1@0	18.87	16.59	0.046	1	Pass
5MHz_High_16QAM_1@12	18.90	16.62	0.046	1	Pass
5MHz_High_16QAM_1@24	18.86	16.58	0.045	1	Pass
5MHz_High_16QAM_12@0	17.94	15.66	0.037	1	Pass
5MHz_High_16QAM_12@7	17.91	15.63	0.037	1	Pass
5MHz_High_16QAM_12@13	17.90	15.62	0.036	1	Pass
5MHz_High_16QAM_25@0	17.87	15.59	0.036	1	Pass
10MHz_Low_QPSK_1@0	19.98	17.70	0.059	1	Pass
10MHz_Low_QPSK_1@25	20.13	17.85	0.061	1	Pass
10MHz_Low_QPSK_1@49	20.17	17.89	0.062	1	Pass
10MHz_Low_QPSK_25@0	19.13	16.85	0.048	1	Pass
10MHz_Low_QPSK_25@12	19.22	16.94	0.049	1	Pass
10MHz_Low_QPSK_25@25	19.22	16.94	0.049	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	19.18	16.90	0.049	1	Pass
10MHz_Low_16QAM_1@0	18.98	16.70	0.047	1	Pass
10MHz_Low_16QAM_1@25	19.17	16.89	0.049	1	Pass
10MHz_Low_16QAM_1@49	19.18	16.90	0.049	1	Pass
10MHz_Low_16QAM_25@0	18.24	15.96	0.039	1	Pass
10MHz_Low_16QAM_25@12	18.29	16.01	0.040	1	Pass
10MHz_Low_16QAM_25@25	18.30	16.02	0.040	1	Pass
10MHz_Low_16QAM_50@0	18.17	15.89	0.039	1	Pass
10MHz_Middle_QPSK_1@0	20.27	**17.99**	0.063	1	Pass
10MHz_Middle_QPSK_1@25	20.22	17.94	0.062	1	Pass
10MHz_Middle_QPSK_1@49	20.20	17.92	0.062	1	Pass
10MHz_Middle_QPSK_25@0	19.05	16.77	0.048	1	Pass
10MHz_Middle_QPSK_25@12	19.02	16.74	0.047	1	Pass
10MHz_Middle_QPSK_25@25	19.03	16.75	0.047	1	Pass
10MHz_Middle_QPSK_50@0	19.02	16.74	0.047	1	Pass
10MHz_Middle_16QAM_1@0	19.46	**17.18**	0.052	1	Pass
10MHz_Middle_16QAM_1@25	19.41	17.13	0.052	1	Pass
10MHz_Middle_16QAM_1@49	19.38	17.10	0.051	1	Pass
10MHz_Middle_16QAM_25@0	18.07	15.79	0.038	1	Pass
10MHz_Middle_16QAM_25@12	18.05	15.77	0.038	1	Pass
10MHz_Middle_16QAM_25@25	18.06	15.78	0.038	1	Pass
10MHz_Middle_16QAM_50@0	18.03	15.75	0.038	1	Pass
10MHz_High_QPSK_1@0	19.75	17.47	0.056	1	Pass
10MHz_High_QPSK_1@25	19.69	17.41	0.055	1	Pass
10MHz_High_QPSK_1@49	19.74	17.46	0.056	1	Pass
10MHz_High_QPSK_25@0	18.87	16.59	0.046	1	Pass
10MHz_High_QPSK_25@12	18.83	16.55	0.045	1	Pass
10MHz_High_QPSK_25@25	18.85	16.57	0.045	1	Pass
10MHz_High_QPSK_50@0	18.86	16.58	0.045	1	Pass
10MHz_High_16QAM_1@0	18.67	16.39	0.044	1	Pass
10MHz_High_16QAM_1@25	18.63	16.35	0.043	1	Pass
10MHz_High_16QAM_1@49	18.65	16.37	0.043	1	Pass
10MHz_High_16QAM_25@0	17.95	15.67	0.037	1	Pass
10MHz_High_16QAM_25@12	17.92	15.64	0.037	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	17.91	15.63	0.037	1	Pass
10MHz_High_16QAM_50@0	17.87	15.59	0.036	1	Pass
15MHz_Low_QPSK_1@0	20.09	17.81	0.060	1	Pass
15MHz_Low_QPSK_1@37	20.29	18.01	0.063	1	Pass
15MHz_Low_QPSK_1@74	20.17	17.89	0.062	1	Pass
15MHz_Low_QPSK_36@0	19.19	16.91	0.049	1	Pass
15MHz_Low_QPSK_36@20	19.23	16.95	0.050	1	Pass
15MHz_Low_QPSK_36@39	19.19	16.91	0.049	1	Pass
15MHz_Low_QPSK_75@0	19.20	16.92	0.049	1	Pass
15MHz_Low_16QAM_1@0	19.17	16.89	0.049	1	Pass
15MHz_Low_16QAM_1@37	19.39	**17.11**	0.051	1	Pass
15MHz_Low_16QAM_1@74	19.24	16.96	0.050	1	Pass
15MHz_Low_16QAM_36@0	18.16	15.88	0.039	1	Pass
15MHz_Low_16QAM_36@20	18.19	15.91	0.039	1	Pass
15MHz_Low_16QAM_36@39	18.15	15.87	0.039	1	Pass
15MHz_Low_16QAM_75@0	18.18	15.90	0.039	1	Pass
15MHz_Middle_QPSK_1@0	20.13	17.85	0.061	1	Pass
15MHz_Middle_QPSK_1@37	20.32	**18.04**	0.064	1	Pass
15MHz_Middle_QPSK_1@74	20.18	17.90	0.062	1	Pass
15MHz_Middle_QPSK_36@0	19.11	16.83	0.048	1	Pass
15MHz_Middle_QPSK_36@20	19.01	16.73	0.047	1	Pass
15MHz_Middle_QPSK_36@39	18.98	16.70	0.047	1	Pass
15MHz_Middle_QPSK_75@0	19.04	16.76	0.047	1	Pass
15MHz_Middle_16QAM_1@0	19.03	16.75	0.047	1	Pass
15MHz_Middle_16QAM_1@37	19.02	16.74	0.047	1	Pass
15MHz_Middle_16QAM_1@74	18.90	16.62	0.046	1	Pass
15MHz_Middle_16QAM_36@0	18.11	15.83	0.038	1	Pass
15MHz_Middle_16QAM_36@20	18.08	15.80	0.038	1	Pass
15MHz_Middle_16QAM_36@39	18.05	15.77	0.038	1	Pass
15MHz_Middle_16QAM_75@0	18.09	15.81	0.038	1	Pass
15MHz_High_QPSK_1@0	20.16	17.88	0.061	1	Pass
15MHz_High_QPSK_1@37	20.09	17.81	0.060	1	Pass
15MHz_High_QPSK_1@74	20.08	17.80	0.060	1	Pass
15MHz_High_QPSK_36@0	18.97	16.69	0.047	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	18.91	16.63	0.046	1	Pass
15MHz_High_QPSK_36@39	18.89	16.61	0.046	1	Pass
15MHz_High_QPSK_75@0	18.93	16.65	0.046	1	Pass
15MHz_High_16QAM_1@0	19.37	17.09	0.051	1	Pass
15MHz_High_16QAM_1@37	19.30	17.02	0.050	1	Pass
15MHz_High_16QAM_1@74	19.24	16.96	0.050	1	Pass
15MHz_High_16QAM_36@0	18.01	15.73	0.037	1	Pass
15MHz_High_16QAM_36@20	17.95	15.67	0.037	1	Pass
15MHz_High_16QAM_36@39	17.92	15.64	0.037	1	Pass
15MHz_High_16QAM_75@0	17.96	15.68	0.037	1	Pass
20MHz_Low_QPSK_1@0	19.92	17.64	0.058	1	Pass
20MHz_Low_QPSK_1@49	20.08	17.80	0.060	1	Pass
20MHz_Low_QPSK_1@99	19.91	17.63	0.058	1	Pass
20MHz_Low_QPSK_50@0	19.26	16.98	0.050	1	Pass
20MHz_Low_QPSK_50@24	19.22	16.94	0.049	1	Pass
20MHz_Low_QPSK_50@50	19.13	16.85	0.048	1	Pass
20MHz_Low_QPSK_100@0	19.22	16.94	0.049	1	Pass
20MHz_Low_16QAM_1@0	19.64	17.36	0.054	1	Pass
20MHz_Low_16QAM_1@49	19.85	**17.57**	0.057	1	Pass
20MHz_Low_16QAM_1@99	19.63	17.35	0.054	1	Pass
20MHz_Low_16QAM_50@0	18.18	15.90	0.039	1	Pass
20MHz_Low_16QAM_50@24	18.15	15.87	0.039	1	Pass
20MHz_Low_16QAM_50@50	18.13	15.85	0.038	1	Pass
20MHz_Low_16QAM_100@0	18.17	15.89	0.039	1	Pass
20MHz_Middle_QPSK_1@0	20.15	**17.87**	0.061	1	Pass
20MHz_Middle_QPSK_1@49	20.04	17.76	0.060	1	Pass
20MHz_Middle_QPSK_1@99	19.87	17.59	0.057	1	Pass
20MHz_Middle_QPSK_50@0	19.10	16.82	0.048	1	Pass
20MHz_Middle_QPSK_50@24	19.08	16.80	0.048	1	Pass
20MHz_Middle_QPSK_50@50	19.04	16.76	0.047	1	Pass
20MHz_Middle_QPSK_100@0	19.06	16.78	0.048	1	Pass
20MHz_Middle_16QAM_1@0	19.42	17.14	0.052	1	Pass
20MHz_Middle_16QAM_1@49	19.36	17.08	0.051	1	Pass
20MHz_Middle_16QAM_1@99	19.20	16.92	0.049	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	18.12	15.84	0.038	1	Pass
20MHz_Middle_16QAM_50@24	18.09	15.81	0.038	1	Pass
20MHz_Middle_16QAM_50@50	17.98	15.70	0.037	1	Pass
20MHz_Middle_16QAM_100@0	18.08	15.80	0.038	1	Pass
20MHz_High_QPSK_1@0	20.06	17.78	0.060	1	Pass
20MHz_High_QPSK_1@49	19.89	17.61	0.058	1	Pass
20MHz_High_QPSK_1@99	19.84	17.56	0.057	1	Pass
20MHz_High_QPSK_50@0	19	16.72	0.047	1	Pass
20MHz_High_QPSK_50@24	18.97	16.69	0.047	1	Pass
20MHz_High_QPSK_50@50	18.90	16.62	0.046	1	Pass
20MHz_High_QPSK_100@0	18.96	16.68	0.047	1	Pass
20MHz_High_16QAM_1@0	19.71	17.43	0.055	1	Pass
20MHz_High_16QAM_1@49	19.56	17.28	0.053	1	Pass
20MHz_High_16QAM_1@99	19.42	17.14	0.052	1	Pass
20MHz_High_16QAM_50@0	18.03	15.75	0.038	1	Pass
20MHz_High_16QAM_50@24	18	15.72	0.037	1	Pass
20MHz_High_16QAM_50@50	17.92	15.64	0.037	1	Pass
20MHz_High_16QAM_100@0	17.94	15.66	0.037	1	Pass

Note:

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

Band 4:

1.Antenna Gain = -2.28dBi;

2.Cable Loss = 0dB.

LTE Band 12, Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.67	17.67	0.058	3	Pass
1.4MHz_Low_QPSK_1@3	23.59	17.59	0.057	3	Pass
1.4MHz_Low_QPSK_1@5	23.74	17.74	0.059	3	Pass
1.4MHz_Low_QPSK_3@0	23.73	17.73	0.059	3	Pass
1.4MHz_Low_QPSK_3@1	23.68	17.68	0.059	3	Pass
1.4MHz_Low_QPSK_3@3	23.76	17.76	0.060	3	Pass
1.4MHz_Low_QPSK_6@0	22.82	16.82	0.048	3	Pass
1.4MHz_Low_16QAM_1@0	22.63	16.63	0.046	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_1@3	22.57	16.57	0.045	3	Pass
1.4MHz_Low_16QAM_1@5	22.71	16.71	0.047	3	Pass
1.4MHz_Low_16QAM_3@0	22.89	16.89	0.049	3	Pass
1.4MHz_Low_16QAM_3@1	22.94	**16.94**	0.049	3	Pass
1.4MHz_Low_16QAM_3@3	22.93	16.93	0.049	3	Pass
1.4MHz_Low_16QAM_6@0	22	16.00	0.040	3	Pass
1.4MHz_Middle_QPSK_1@0	24.12	**18.12**	0.065	3	Pass
1.4MHz_Middle_QPSK_1@3	23.60	17.60	0.058	3	Pass
1.4MHz_Middle_QPSK_1@5	23.70	17.70	0.059	3	Pass
1.4MHz_Middle_QPSK_3@0	23.69	17.69	0.059	3	Pass
1.4MHz_Middle_QPSK_3@1	23.71	17.71	0.059	3	Pass
1.4MHz_Middle_QPSK_3@3	23.70	17.70	0.059	3	Pass
1.4MHz_Middle_QPSK_6@0	22.76	16.76	0.047	3	Pass
1.4MHz_Middle_16QAM_1@0	22.61	16.61	0.046	3	Pass
1.4MHz_Middle_16QAM_1@3	22.52	16.52	0.045	3	Pass
1.4MHz_Middle_16QAM_1@5	22.61	16.61	0.046	3	Pass
1.4MHz_Middle_16QAM_3@0	22.86	16.86	0.049	3	Pass
1.4MHz_Middle_16QAM_3@1	22.85	16.85	0.048	3	Pass
1.4MHz_Middle_16QAM_3@3	22.85	16.85	0.048	3	Pass
1.4MHz_Middle_16QAM_6@0	21.92	15.92	0.039	3	Pass
1.4MHz_High_QPSK_1@0	23.65	17.65	0.058	3	Pass
1.4MHz_High_QPSK_1@3	23.63	17.63	0.058	3	Pass
1.4MHz_High_QPSK_1@5	23.72	17.72	0.059	3	Pass
1.4MHz_High_QPSK_3@0	23.72	17.72	0.059	3	Pass
1.4MHz_High_QPSK_3@1	23.70	17.70	0.059	3	Pass
1.4MHz_High_QPSK_3@3	23.77	17.77	0.060	3	Pass
1.4MHz_High_QPSK_6@0	22.73	16.73	0.047	3	Pass
1.4MHz_High_16QAM_1@0	22.52	16.52	0.045	3	Pass
1.4MHz_High_16QAM_1@3	22.56	16.56	0.045	3	Pass
1.4MHz_High_16QAM_1@5	22.62	16.62	0.046	3	Pass
1.4MHz_High_16QAM_3@0	22.86	16.86	0.049	3	Pass
1.4MHz_High_16QAM_3@1	22.90	16.90	0.049	3	Pass
1.4MHz_High_16QAM_3@3	22.92	16.92	0.049	3	Pass
1.4MHz_High_16QAM_6@0	21.87	15.87	0.039	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_1@0	23.82	17.82	0.061	3	Pass
3MHz_Low_QPSK_1@8	23.80	17.80	0.060	3	Pass
3MHz_Low_QPSK_1@14	23.75	17.75	0.060	3	Pass
3MHz_Low_QPSK_8@0	22.78	16.78	0.048	3	Pass
3MHz_Low_QPSK_8@4	22.80	16.80	0.048	3	Pass
3MHz_Low_QPSK_8@7	22.76	16.76	0.047	3	Pass
3MHz_Low_QPSK_15@0	22.79	16.79	0.048	3	Pass
3MHz_Low_16QAM_1@0	22.65	16.65	0.046	3	Pass
3MHz_Low_16QAM_1@8	22.60	16.60	0.046	3	Pass
3MHz_Low_16QAM_1@14	22.62	16.62	0.046	3	Pass
3MHz_Low_16QAM_8@0	21.84	15.84	0.038	3	Pass
3MHz_Low_16QAM_8@4	21.85	15.85	0.038	3	Pass
3MHz_Low_16QAM_8@7	21.77	15.77	0.038	3	Pass
3MHz_Low_16QAM_15@0	21.81	15.81	0.038	3	Pass
3MHz_Middle_QPSK_1@0	23.93	17.93	0.062	3	Pass
3MHz_Middle_QPSK_1@8	23.89	17.89	0.062	3	Pass
3MHz_Middle_QPSK_1@14	23.97	**17.97**	0.063	3	Pass
3MHz_Middle_QPSK_8@0	22.79	16.79	0.048	3	Pass
3MHz_Middle_QPSK_8@4	22.76	16.76	0.047	3	Pass
3MHz_Middle_QPSK_8@7	22.77	16.77	0.048	3	Pass
3MHz_Middle_QPSK_15@0	22.77	16.77	0.048	3	Pass
3MHz_Middle_16QAM_1@0	23.19	**17.19**	0.052	3	Pass
3MHz_Middle_16QAM_1@8	23.11	17.11	0.051	3	Pass
3MHz_Middle_16QAM_1@14	23.13	17.13	0.052	3	Pass
3MHz_Middle_16QAM_8@0	21.89	15.89	0.039	3	Pass
3MHz_Middle_16QAM_8@4	21.85	15.85	0.038	3	Pass
3MHz_Middle_16QAM_8@7	21.87	15.87	0.039	3	Pass
3MHz_Middle_16QAM_15@0	21.79	15.79	0.038	3	Pass
3MHz_High_QPSK_1@0	23.64	17.64	0.058	3	Pass
3MHz_High_QPSK_1@8	23.63	17.63	0.058	3	Pass
3MHz_High_QPSK_1@14	23.72	17.72	0.059	3	Pass
3MHz_High_QPSK_8@0	22.78	16.78	0.048	3	Pass
3MHz_High_QPSK_8@4	22.72	16.72	0.047	3	Pass
3MHz_High_QPSK_8@7	22.72	16.72	0.047	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_High_QPSK_15@0	22.76	16.76	0.047	3	Pass
3MHz_High_16QAM_1@0	22.57	16.57	0.045	3	Pass
3MHz_High_16QAM_1@8	22.52	16.52	0.045	3	Pass
3MHz_High_16QAM_1@14	22.57	16.57	0.045	3	Pass
3MHz_High_16QAM_8@0	21.76	15.76	0.038	3	Pass
3MHz_High_16QAM_8@4	21.74	15.74	0.037	3	Pass
3MHz_High_16QAM_8@7	21.75	15.75	0.038	3	Pass
3MHz_High_16QAM_15@0	21.73	15.73	0.037	3	Pass
5MHz_Low_QPSK_1@0	23.71	17.71	0.059	3	Pass
5MHz_Low_QPSK_1@12	23.69	17.69	0.059	3	Pass
5MHz_Low_QPSK_1@24	23.83	17.83	0.061	3	Pass
5MHz_Low_QPSK_12@0	22.83	16.83	0.048	3	Pass
5MHz_Low_QPSK_12@7	22.82	16.82	0.048	3	Pass
5MHz_Low_QPSK_12@13	22.84	16.84	0.048	3	Pass
5MHz_Low_QPSK_25@0	22.88	16.88	0.049	3	Pass
5MHz_Low_16QAM_1@0	22.79	16.79	0.048	3	Pass
5MHz_Low_16QAM_1@12	22.77	16.77	0.048	3	Pass
5MHz_Low_16QAM_1@24	22.89	16.89	0.049	3	Pass
5MHz_Low_16QAM_12@0	21.94	15.94	0.039	3	Pass
5MHz_Low_16QAM_12@7	21.94	15.94	0.039	3	Pass
5MHz_Low_16QAM_12@13	21.94	15.94	0.039	3	Pass
5MHz_Low_16QAM_25@0	21.87	15.87	0.039	3	Pass
5MHz_Middle_QPSK_1@0	23.87	17.87	0.061	3	Pass
5MHz_Middle_QPSK_1@12	23.93	17.93	0.062	3	Pass
5MHz_Middle_QPSK_1@24	23.97	**17.97**	0.063	3	Pass
5MHz_Middle_QPSK_12@0	22.84	16.84	0.048	3	Pass
5MHz_Middle_QPSK_12@7	22.80	16.80	0.048	3	Pass
5MHz_Middle_QPSK_12@13	22.81	16.81	0.048	3	Pass
5MHz_Middle_QPSK_25@0	22.85	16.85	0.048	3	Pass
5MHz_Middle_16QAM_1@0	22.83	16.83	0.048	3	Pass
5MHz_Middle_16QAM_1@12	22.92	16.92	0.049	3	Pass
5MHz_Middle_16QAM_1@24	22.90	16.90	0.049	3	Pass
5MHz_Middle_16QAM_12@0	21.92	15.92	0.039	3	Pass
5MHz_Middle_16QAM_12@7	21.90	15.90	0.039	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	21.89	15.89	0.039	3	Pass
5MHz_Middle_16QAM_25@0	21.88	15.88	0.039	3	Pass
5MHz_High_QPSK_1@0	23.72	17.72	0.059	3	Pass
5MHz_High_QPSK_1@12	23.70	17.70	0.059	3	Pass
5MHz_High_QPSK_1@24	23.72	17.72	0.059	3	Pass
5MHz_High_QPSK_12@0	22.83	16.83	0.048	3	Pass
5MHz_High_QPSK_12@7	22.79	16.79	0.048	3	Pass
5MHz_High_QPSK_12@13	22.78	16.78	0.048	3	Pass
5MHz_High_QPSK_25@0	22.84	16.84	0.048	3	Pass
5MHz_High_16QAM_1@0	23.44	17.44	0.055	3	Pass
5MHz_High_16QAM_1@12	23.52	17.52	0.056	3	Pass
5MHz_High_16QAM_1@24	23.54	**17.54**	0.057	3	Pass
5MHz_High_16QAM_12@0	21.94	15.94	0.039	3	Pass
5MHz_High_16QAM_12@7	21.91	15.91	0.039	3	Pass
5MHz_High_16QAM_12@13	21.89	15.89	0.039	3	Pass
5MHz_High_16QAM_25@0	21.93	15.93	0.039	3	Pass
10MHz_Low_QPSK_1@0	23.70	17.70	0.059	3	Pass
10MHz_Low_QPSK_1@25	23.67	17.67	0.058	3	Pass
10MHz_Low_QPSK_1@49	23.73	17.73	0.059	3	Pass
10MHz_Low_QPSK_25@0	22.81	16.81	0.048	3	Pass
10MHz_Low_QPSK_25@12	22.82	16.82	0.048	3	Pass
10MHz_Low_QPSK_25@25	22.84	16.84	0.048	3	Pass
10MHz_Low_QPSK_50@0	22.82	16.82	0.048	3	Pass
10MHz_Low_16QAM_1@0	22.61	16.61	0.046	3	Pass
10MHz_Low_16QAM_1@25	22.59	16.59	0.046	3	Pass
10MHz_Low_16QAM_1@49	22.63	16.63	0.046	3	Pass
10MHz_Low_16QAM_25@0	21.91	15.91	0.039	3	Pass
10MHz_Low_16QAM_25@12	21.91	15.91	0.039	3	Pass
10MHz_Low_16QAM_25@25	21.93	15.93	0.039	3	Pass
10MHz_Low_16QAM_50@0	21.87	15.87	0.039	3	Pass
10MHz_Middle_QPSK_1@0	23.93	17.93	0.062	3	Pass
10MHz_Middle_QPSK_1@25	23.84	17.84	0.061	3	Pass
10MHz_Middle_QPSK_1@49	23.89	17.89	0.062	3	Pass
10MHz_Middle_QPSK_25@0	22.83	16.83	0.048	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@12	22.81	16.81	0.048	3	Pass
10MHz_Middle_QPSK_25@25	22.78	16.78	0.048	3	Pass
10MHz_Middle_QPSK_50@0	22.81	16.81	0.048	3	Pass
10MHz_Middle_16QAM_1@0	22.77	16.77	0.048	3	Pass
10MHz_Middle_16QAM_1@25	22.75	16.75	0.047	3	Pass
10MHz_Middle_16QAM_1@49	22.70	16.70	0.047	3	Pass
10MHz_Middle_16QAM_25@0	21.89	15.89	0.039	3	Pass
10MHz_Middle_16QAM_25@12	21.88	15.88	0.039	3	Pass
10MHz_Middle_16QAM_25@25	21.85	15.85	0.038	3	Pass
10MHz_Middle_16QAM_50@0	21.80	15.80	0.038	3	Pass
10MHz_High_QPSK_1@0	23.99	17.99	0.063	3	Pass
10MHz_High_QPSK_1@25	24	18.00	0.063	3	Pass
10MHz_High_QPSK_1@49	24.01	**18.01**	0.063	3	Pass
10MHz_High_QPSK_25@0	22.79	16.79	0.048	3	Pass
10MHz_High_QPSK_25@12	22.78	16.78	0.048	3	Pass
10MHz_High_QPSK_25@25	22.79	16.79	0.048	3	Pass
10MHz_High_QPSK_50@0	22.79	16.79	0.048	3	Pass
10MHz_High_16QAM_1@0	23.20	**17.20**	0.052	3	Pass
10MHz_High_16QAM_1@25	23.13	17.13	0.052	3	Pass
10MHz_High_16QAM_1@49	23.17	17.17	0.052	3	Pass
10MHz_High_16QAM_25@0	21.84	15.84	0.038	3	Pass
10MHz_High_16QAM_25@12	21.82	15.82	0.038	3	Pass
10MHz_High_16QAM_25@25	21.80	15.80	0.038	3	Pass
10MHz_High_16QAM_50@0	21.79	15.79	0.038	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 = -3.35dBi;

2.Cable Loss = 0.5dB.

LTE Band 17, Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	23.74	17.74	0.059	3	Pass
5MHz_Low_QPSK_1@12	23.81	17.81	0.060	3	Pass
5MHz_Low_QPSK_1@24	23.75	17.75	0.060	3	Pass
5MHz_Low_QPSK_12@0	22.84	16.84	0.048	3	Pass
5MHz_Low_QPSK_12@7	22.85	16.85	0.048	3	Pass
5MHz_Low_QPSK_12@13	22.84	16.84	0.048	3	Pass
5MHz_Low_QPSK_25@0	22.88	16.88	0.049	3	Pass
5MHz_Low_16QAM_1@0	22.84	16.84	0.048	3	Pass
5MHz_Low_16QAM_1@12	22.90	16.90	0.049	3	Pass
5MHz_Low_16QAM_1@24	22.80	16.80	0.048	3	Pass
5MHz_Low_16QAM_12@0	21.94	15.94	0.039	3	Pass
5MHz_Low_16QAM_12@7	21.99	15.99	0.040	3	Pass
5MHz_Low_16QAM_12@13	21.95	15.95	0.039	3	Pass
5MHz_Low_16QAM_25@0	21.85	15.85	0.038	3	Pass
5MHz_Middle_QPSK_1@0	23.87	17.87	0.061	3	Pass
5MHz_Middle_QPSK_1@12	23.95	**17.95**	0.062	3	Pass
5MHz_Middle_QPSK_1@24	23.86	17.86	0.061	3	Pass
5MHz_Middle_QPSK_12@0	22.77	16.77	0.048	3	Pass
5MHz_Middle_QPSK_12@7	22.77	16.77	0.048	3	Pass
5MHz_Middle_QPSK_12@13	22.77	16.77	0.048	3	Pass
5MHz_Middle_QPSK_25@0	22.83	16.83	0.048	3	Pass
5MHz_Middle_16QAM_1@0	22.85	16.85	0.048	3	Pass
5MHz_Middle_16QAM_1@12	22.88	16.88	0.049	3	Pass
5MHz_Middle_16QAM_1@24	22.89	16.89	0.049	3	Pass
5MHz_Middle_16QAM_12@0	21.84	15.84	0.038	3	Pass
5MHz_Middle_16QAM_12@7	21.85	15.85	0.038	3	Pass
5MHz_Middle_16QAM_12@13	21.84	15.84	0.038	3	Pass
5MHz_Middle_16QAM_25@0	21.81	15.81	0.038	3	Pass
5MHz_High_QPSK_1@0	23.71	17.71	0.059	3	Pass
5MHz_High_QPSK_1@12	23.67	17.67	0.058	3	Pass
5MHz_High_QPSK_1@24	23.63	17.63	0.058	3	Pass
5MHz_High_QPSK_12@0	22.80	16.80	0.048	3	Pass
5MHz_High_QPSK_12@7	22.75	16.75	0.047	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@13	22.76	16.76	0.047	3	Pass
5MHz_High_QPSK_25@0	22.82	16.82	0.048	3	Pass
5MHz_High_16QAM_1@0	23.47	17.47	0.056	3	Pass
5MHz_High_16QAM_1@12	23.46	17.46	0.056	3	Pass
5MHz_High_16QAM_1@24	23.49	**17.49**	0.056	3	Pass
5MHz_High_16QAM_12@0	21.91	15.91	0.039	3	Pass
5MHz_High_16QAM_12@7	21.87	15.87	0.039	3	Pass
5MHz_High_16QAM_12@13	21.88	15.88	0.039	3	Pass
5MHz_High_16QAM_25@0	21.91	15.91	0.039	3	Pass
10MHz_Low_QPSK_1@0	23.68	17.68	0.059	3	Pass
10MHz_Low_QPSK_1@25	23.70	17.70	0.059	3	Pass
10MHz_Low_QPSK_1@49	23.63	17.63	0.058	3	Pass
10MHz_Low_QPSK_25@0	22.81	16.81	0.048	3	Pass
10MHz_Low_QPSK_25@12	22.82	16.82	0.048	3	Pass
10MHz_Low_QPSK_25@25	22.78	16.78	0.048	3	Pass
10MHz_Low_QPSK_50@0	22.78	16.78	0.048	3	Pass
10MHz_Low_16QAM_1@0	22.72	16.72	0.047	3	Pass
10MHz_Low_16QAM_1@25	22.78	16.78	0.048	3	Pass
10MHz_Low_16QAM_1@49	22.73	16.73	0.047	3	Pass
10MHz_Low_16QAM_25@0	21.84	15.84	0.038	3	Pass
10MHz_Low_16QAM_25@12	21.89	15.89	0.039	3	Pass
10MHz_Low_16QAM_25@25	21.85	15.85	0.038	3	Pass
10MHz_Low_16QAM_50@0	21.77	15.77	0.038	3	Pass
10MHz_Middle_QPSK_1@0	23.88	17.88	0.061	3	Pass
10MHz_Middle_QPSK_1@25	23.98	**17.98**	0.063	3	Pass
10MHz_Middle_QPSK_1@49	23.95	17.95	0.062	3	Pass
10MHz_Middle_QPSK_25@0	22.80	16.80	0.048	3	Pass
10MHz_Middle_QPSK_25@12	22.79	16.79	0.048	3	Pass
10MHz_Middle_QPSK_25@25	22.75	16.75	0.047	3	Pass
10MHz_Middle_QPSK_50@0	22.80	16.80	0.048	3	Pass
10MHz_Middle_16QAM_1@0	23.08	17.08	0.051	3	Pass
10MHz_Middle_16QAM_1@25	23.16	**17.16**	0.052	3	Pass
10MHz_Middle_16QAM_1@49	23.15	17.15	0.052	3	Pass
10MHz_Middle_16QAM_25@0	20.81	14.81	0.030	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_25@12	20.81	14.81	0.030	3	Pass
10MHz_Middle_16QAM_25@25	20.79	14.79	0.030	3	Pass
10MHz_Middle_16QAM_50@0	20.78	14.78	0.030	3	Pass
10MHz_High_QPSK_1@0	20.72	14.72	0.030	3	Pass
10MHz_High_QPSK_1@25	20.73	14.73	0.030	3	Pass
10MHz_High_QPSK_1@49	20.69	14.69	0.029	3	Pass
10MHz_High_QPSK_25@0	20.85	14.85	0.031	3	Pass
10MHz_High_QPSK_25@12	20.79	14.79	0.030	3	Pass
10MHz_High_QPSK_25@25	20.78	14.78	0.030	3	Pass
10MHz_High_QPSK_50@0	20.84	14.84	0.030	3	Pass
10MHz_High_16QAM_1@0	20.61	14.61	0.029	3	Pass
10MHz_High_16QAM_1@25	20.64	14.64	0.029	3	Pass
10MHz_High_16QAM_1@49	20.57	14.57	0.029	3	Pass
10MHz_High_16QAM_25@0	20.95	14.95	0.031	3	Pass
10MHz_High_16QAM_25@12	20.89	14.89	0.031	3	Pass
10MHz_High_16QAM_25@25	20.86	14.86	0.031	3	Pass
10MHz_High_16QAM_50@0	20.87	14.87	0.031	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 = -3.35dBi;

2.Cable Loss = 0.5dB.

LTE Band 41, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.33	20.66	0.116	2	Pass
5MHz_Low_QPSK_1@12	21.41	20.74	0.119	2	Pass
5MHz_Low_QPSK_1@24	21.42	20.75	0.119	2	Pass
5MHz_Low_QPSK_12@0	20.31	19.64	0.092	2	Pass
5MHz_Low_QPSK_12@7	20.26	19.59	0.091	2	Pass
5MHz_Low_QPSK_12@13	20.31	19.64	0.092	2	Pass
5MHz_Low_QPSK_25@0	20.35	19.68	0.093	2	Pass
5MHz_Low_16QAM_1@0	20.46	19.79	0.095	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_1@12	20.45	19.78	0.095	2	Pass
5MHz_Low_16QAM_1@24	20.51	19.84	0.096	2	Pass
5MHz_Low_16QAM_12@0	19.35	18.68	0.074	2	Pass
5MHz_Low_16QAM_12@7	19.38	18.71	0.074	2	Pass
5MHz_Low_16QAM_12@13	19.39	18.72	0.074	2	Pass
5MHz_Low_16QAM_25@0	19.29	18.62	0.073	2	Pass
5MHz_Middle_QPSK_1@0	21.80	21.13	0.130	2	Pass
5MHz_Middle_QPSK_1@12	21.85	21.18	0.131	2	Pass
5MHz_Middle_QPSK_1@24	21.81	21.14	0.130	2	Pass
5MHz_Middle_QPSK_12@0	20.75	20.08	0.102	2	Pass
5MHz_Middle_QPSK_12@7	20.74	20.07	0.102	2	Pass
5MHz_Middle_QPSK_12@13	20.73	20.06	0.101	2	Pass
5MHz_Middle_QPSK_25@0	20.73	20.06	0.101	2	Pass
5MHz_Middle_16QAM_1@0	20.72	20.05	0.101	2	Pass
5MHz_Middle_16QAM_1@12	20.75	20.08	0.102	2	Pass
5MHz_Middle_16QAM_1@24	20.70	20.03	0.101	2	Pass
5MHz_Middle_16QAM_12@0	19.67	19.00	0.079	2	Pass
5MHz_Middle_16QAM_12@7	19.68	19.01	0.080	2	Pass
5MHz_Middle_16QAM_12@13	19.65	18.98	0.079	2	Pass
5MHz_Middle_16QAM_25@0	19.66	18.99	0.079	2	Pass
5MHz_High_QPSK_1@0	21.98	**21.31**	0.135	2	Pass
5MHz_High_QPSK_1@12	21.97	21.30	0.135	2	Pass
5MHz_High_QPSK_1@24	21.95	21.28	0.134	2	Pass
5MHz_High_QPSK_12@0	20.94	20.27	0.106	2	Pass
5MHz_High_QPSK_12@7	20.92	20.25	0.106	2	Pass
5MHz_High_QPSK_12@13	20.89	20.22	0.105	2	Pass
5MHz_High_QPSK_25@0	20.93	20.26	0.106	2	Pass
5MHz_High_16QAM_1@0	20.97	20.30	0.107	2	Pass
5MHz_High_16QAM_1@12	20.98	**20.31**	0.107	2	Pass
5MHz_High_16QAM_1@24	20.92	20.25	0.106	2	Pass
5MHz_High_16QAM_12@0	19.85	19.18	0.083	2	Pass
5MHz_High_16QAM_12@7	19.84	19.17	0.083	2	Pass
5MHz_High_16QAM_12@13	19.83	19.16	0.082	2	Pass
5MHz_High_16QAM_25@0	19.95	19.28	0.085	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@0	21.16	20.49	0.112	2	Pass
10MHz_Low_QPSK_1@25	21.28	20.61	0.115	2	Pass
10MHz_Low_QPSK_1@49	21.27	20.60	0.115	2	Pass
10MHz_Low_QPSK_25@0	20.01	19.34	0.086	2	Pass
10MHz_Low_QPSK_25@12	20	19.33	0.086	2	Pass
10MHz_Low_QPSK_25@25	20.07	19.40	0.087	2	Pass
10MHz_Low_QPSK_50@0	20.06	19.39	0.087	2	Pass
10MHz_Low_16QAM_1@0	19.75	19.08	0.081	2	Pass
10MHz_Low_16QAM_1@25	19.79	19.12	0.082	2	Pass
10MHz_Low_16QAM_1@49	19.82	19.15	0.082	2	Pass
10MHz_Low_16QAM_25@0	18.97	18.30	0.068	2	Pass
10MHz_Low_16QAM_25@12	18.96	18.29	0.067	2	Pass
10MHz_Low_16QAM_25@25	18.99	18.32	0.068	2	Pass
10MHz_Low_16QAM_50@0	19	18.33	0.068	2	Pass
10MHz_Middle_QPSK_1@0	21.37	20.70	0.117	2	Pass
10MHz_Middle_QPSK_1@25	21.44	20.77	0.119	2	Pass
10MHz_Middle_QPSK_1@49	21.46	20.79	0.120	2	Pass
10MHz_Middle_QPSK_25@0	20.45	19.78	0.095	2	Pass
10MHz_Middle_QPSK_25@12	20.44	19.77	0.095	2	Pass
10MHz_Middle_QPSK_25@25	20.46	19.79	0.095	2	Pass
10MHz_Middle_QPSK_50@0	20.46	19.79	0.095	2	Pass
10MHz_Middle_16QAM_1@0	20.47	19.80	0.095	2	Pass
10MHz_Middle_16QAM_1@25	20.51	19.84	0.096	2	Pass
10MHz_Middle_16QAM_1@49	20.51	19.84	0.096	2	Pass
10MHz_Middle_16QAM_25@0	19.44	18.77	0.075	2	Pass
10MHz_Middle_16QAM_25@12	19.42	18.75	0.075	2	Pass
10MHz_Middle_16QAM_25@25	19.40	18.73	0.075	2	Pass
10MHz_Middle_16QAM_50@0	19.47	18.80	0.076	2	Pass
10MHz_High_QPSK_1@0	21.74	21.07	0.128	2	Pass
10MHz_High_QPSK_1@25	21.77	**21.10**	0.129	2	Pass
10MHz_High_QPSK_1@49	21.77	21.10	0.129	2	Pass
10MHz_High_QPSK_25@0	20.72	20.05	0.101	2	Pass
10MHz_High_QPSK_25@12	20.69	20.02	0.100	2	Pass
10MHz_High_QPSK_25@25	20.72	20.05	0.101	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_50@0	20.72	20.05	0.101	2	Pass
10MHz_High_16QAM_1@0	20.71	**20.04**	0.101	2	Pass
10MHz_High_16QAM_1@25	20.69	20.02	0.100	2	Pass
10MHz_High_16QAM_1@49	20.65	19.98	0.100	2	Pass
10MHz_High_16QAM_25@0	19.71	19.04	0.080	2	Pass
10MHz_High_16QAM_25@12	19.68	19.01	0.080	2	Pass
10MHz_High_16QAM_25@25	19.70	19.03	0.080	2	Pass
10MHz_High_16QAM_50@0	19.76	19.09	0.081	2	Pass
15MHz_Low_QPSK_1@0	20.93	20.26	0.106	2	Pass
15MHz_Low_QPSK_1@37	21.04	20.37	0.109	2	Pass
15MHz_Low_QPSK_1@74	20.99	20.32	0.108	2	Pass
15MHz_Low_QPSK_36@0	20.05	19.38	0.087	2	Pass
15MHz_Low_QPSK_36@20	20.12	19.45	0.088	2	Pass
15MHz_Low_QPSK_36@39	20.12	19.45	0.088	2	Pass
15MHz_Low_QPSK_75@0	20.10	19.43	0.088	2	Pass
15MHz_Low_16QAM_1@0	19.81	19.14	0.082	2	Pass
15MHz_Low_16QAM_1@37	19.93	19.26	0.084	2	Pass
15MHz_Low_16QAM_1@74	19.95	19.28	0.085	2	Pass
15MHz_Low_16QAM_36@0	19.16	18.49	0.071	2	Pass
15MHz_Low_16QAM_36@20	19.13	18.46	0.070	2	Pass
15MHz_Low_16QAM_36@39	19.17	18.50	0.071	2	Pass
15MHz_Low_16QAM_75@0	19.13	18.46	0.070	2	Pass
15MHz_Middle_QPSK_1@0	21.32	20.65	0.116	2	Pass
15MHz_Middle_QPSK_1@37	21.49	20.82	0.121	2	Pass
15MHz_Middle_QPSK_1@74	21.48	20.81	0.121	2	Pass
15MHz_Middle_QPSK_36@0	20.46	19.79	0.095	2	Pass
15MHz_Middle_QPSK_36@20	20.46	19.79	0.095	2	Pass
15MHz_Middle_QPSK_36@39	20.44	19.77	0.095	2	Pass
15MHz_Middle_QPSK_75@0	20.50	19.83	0.096	2	Pass
15MHz_Middle_16QAM_1@0	20.46	19.79	0.095	2	Pass
15MHz_Middle_16QAM_1@37	20.56	19.89	0.097	2	Pass
15MHz_Middle_16QAM_1@74	20.54	19.87	0.097	2	Pass
15MHz_Middle_16QAM_36@0	19.36	18.69	0.074	2	Pass
15MHz_Middle_16QAM_36@20	19.35	18.68	0.074	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_16QAM_36@39	19.34	18.67	0.074	2	Pass
15MHz_Middle_16QAM_75@0	19.48	18.81	0.076	2	Pass
15MHz_High_QPSK_1@0	21.83	21.16	0.131	2	Pass
15MHz_High_QPSK_1@37	21.84	**21.17**	0.131	2	Pass
15MHz_High_QPSK_1@74	21.79	21.12	0.129	2	Pass
15MHz_High_QPSK_36@0	20.73	20.06	0.101	2	Pass
15MHz_High_QPSK_36@20	20.76	20.09	0.102	2	Pass
15MHz_High_QPSK_36@39	20.73	20.06	0.101	2	Pass
15MHz_High_QPSK_75@0	20.77	20.10	0.102	2	Pass
15MHz_High_16QAM_1@0	20.92	20.25	0.106	2	Pass
15MHz_High_16QAM_1@37	20.96	**20.29**	0.107	2	Pass
15MHz_High_16QAM_1@74	20.89	20.22	0.105	2	Pass
15MHz_High_16QAM_36@0	19.80	19.13	0.082	2	Pass
15MHz_High_16QAM_36@20	19.78	19.11	0.081	2	Pass
15MHz_High_16QAM_36@39	19.78	19.11	0.081	2	Pass
15MHz_High_16QAM_75@0	19.75	19.08	0.081	2	Pass
20MHz_Low_QPSK_1@0	21.11	20.44	0.111	2	Pass
20MHz_Low_QPSK_1@49	21.23	20.56	0.114	2	Pass
20MHz_Low_QPSK_1@99	21.20	20.53	0.113	2	Pass
20MHz_Low_QPSK_50@0	20.16	19.49	0.089	2	Pass
20MHz_Low_QPSK_50@24	20.19	19.52	0.090	2	Pass
20MHz_Low_QPSK_50@50	20.19	19.52	0.090	2	Pass
20MHz_Low_QPSK_100@0	20.20	19.53	0.090	2	Pass
20MHz_Low_16QAM_1@0	20.11	19.44	0.088	2	Pass
20MHz_Low_16QAM_1@49	20.20	19.53	0.090	2	Pass
20MHz_Low_16QAM_1@99	20.22	19.55	0.090	2	Pass
20MHz_Low_16QAM_50@0	19.16	18.49	0.071	2	Pass
20MHz_Low_16QAM_50@24	19.22	18.55	0.072	2	Pass
20MHz_Low_16QAM_50@50	19.19	18.52	0.071	2	Pass
20MHz_Low_16QAM_100@0	19.16	18.49	0.071	2	Pass
20MHz_Middle_QPSK_1@0	21.48	20.81	0.121	2	Pass
20MHz_Middle_QPSK_1@49	21.60	20.93	0.124	2	Pass
20MHz_Middle_QPSK_1@99	21.59	20.92	0.124	2	Pass
20MHz_Middle_QPSK_50@0	20.55	19.88	0.097	2	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_50@24	20.52	19.85	0.097	2	Pass
20MHz_Middle_QPSK_50@50	20.58	19.91	0.098	2	Pass
20MHz_Middle_QPSK_100@0	20.55	19.88	0.097	2	Pass
20MHz_Middle_16QAM_1@0	20.34	19.67	0.093	2	Pass
20MHz_Middle_16QAM_1@49	20.47	19.80	0.095	2	Pass
20MHz_Middle_16QAM_1@99	20.44	19.77	0.095	2	Pass
20MHz_Middle_16QAM_50@0	19.47	18.80	0.076	2	Pass
20MHz_Middle_16QAM_50@24	19.48	18.81	0.076	2	Pass
20MHz_Middle_16QAM_50@50	19.47	18.80	0.076	2	Pass
20MHz_Middle_16QAM_100@0	19.51	18.84	0.077	2	Pass
20MHz_High_QPSK_1@0	21.79	21.12	0.129	2	Pass
20MHz_High_QPSK_1@49	21.82	**21.15**	0.130	2	Pass
20MHz_High_QPSK_1@99	21.74	21.07	0.128	2	Pass
20MHz_High_QPSK_50@0	20.78	20.11	0.103	2	Pass
20MHz_High_QPSK_50@24	20.78	20.11	0.103	2	Pass
20MHz_High_QPSK_50@50	20.77	20.10	0.102	2	Pass
20MHz_High_QPSK_100@0	20.78	20.11	0.103	2	Pass
20MHz_High_16QAM_1@0	20.62	19.95	0.099	2	Pass
20MHz_High_16QAM_1@49	20.67	**20.00**	0.100	2	Pass
20MHz_High_16QAM_1@99	20.59	19.92	0.098	2	Pass
20MHz_High_16QAM_50@0	19.74	19.07	0.081	2	Pass
20MHz_High_16QAM_50@24	19.75	19.08	0.081	2	Pass
20MHz_High_16QAM_50@50	19.73	19.06	0.081	2	Pass
20MHz_High_16QAM_100@0	19.74	19.07	0.081	2	Pass

Note:

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

Band 41:

1.Antenna Gain = 0.13dBi;

2.Cable Loss = 0.8dB.

LTE Band 66, Normal

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	19.83	17.55	0.057	1	Pass
1.4MHz_Low_QPSK_1@3	19.84	17.56	0.057	1	Pass
1.4MHz_Low_QPSK_1@5	19.87	17.59	0.057	1	Pass
1.4MHz_Low_QPSK_3@0	19.90	17.62	0.058	1	Pass
1.4MHz_Low_QPSK_3@1	19.90	17.62	0.058	1	Pass
1.4MHz_Low_QPSK_3@3	19.94	17.66	0.058	1	Pass
1.4MHz_Low_QPSK_6@0	18.97	16.69	0.047	1	Pass
1.4MHz_Low_16QAM_1@0	18.75	16.47	0.044	1	Pass
1.4MHz_Low_16QAM_1@3	18.75	16.47	0.044	1	Pass
1.4MHz_Low_16QAM_1@5	18.80	16.52	0.045	1	Pass
1.4MHz_Low_16QAM_3@0	19.07	16.79	0.048	1	Pass
1.4MHz_Low_16QAM_3@1	19.08	16.80	0.048	1	Pass
1.4MHz_Low_16QAM_3@3	19.10	16.82	0.048	1	Pass
1.4MHz_Low_16QAM_6@0	18.12	15.84	0.038	1	Pass
1.4MHz_Middle_QPSK_1@0	20.07	**17.79**	0.060	1	Pass
1.4MHz_Middle_QPSK_1@3	19.96	17.68	0.059	1	Pass
1.4MHz_Middle_QPSK_1@5	20.02	17.74	0.059	1	Pass
1.4MHz_Middle_QPSK_3@0	19.81	17.53	0.057	1	Pass
1.4MHz_Middle_QPSK_3@1	19.81	17.53	0.057	1	Pass
1.4MHz_Middle_QPSK_3@3	19.82	17.54	0.057	1	Pass
1.4MHz_Middle_QPSK_6@0	18.77	16.49	0.045	1	Pass
1.4MHz_Middle_16QAM_1@0	19.25	**16.97**	0.050	1	Pass
1.4MHz_Middle_16QAM_1@3	19.17	16.89	0.049	1	Pass
1.4MHz_Middle_16QAM_1@5	19.21	16.93	0.049	1	Pass
1.4MHz_Middle_16QAM_3@0	19.12	16.84	0.048	1	Pass
1.4MHz_Middle_16QAM_3@1	19.11	16.83	0.048	1	Pass
1.4MHz_Middle_16QAM_3@3	19.12	16.84	0.048	1	Pass
1.4MHz_Middle_16QAM_6@0	17.72	15.44	0.035	1	Pass
1.4MHz_High_QPSK_1@0	19.70	17.42	0.055	1	Pass
1.4MHz_High_QPSK_1@3	19.62	17.34	0.054	1	Pass
1.4MHz_High_QPSK_1@5	19.68	17.40	0.055	1	Pass
1.4MHz_High_QPSK_3@0	19.74	17.46	0.056	1	Pass
1.4MHz_High_QPSK_3@1	19.74	17.46	0.056	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_3@3	19.77	17.49	0.056	1	Pass
1.4MHz_High_QPSK_6@0	18.81	16.53	0.045	1	Pass
1.4MHz_High_16QAM_1@0	18.63	16.35	0.043	1	Pass
1.4MHz_High_16QAM_1@3	18.61	16.33	0.043	1	Pass
1.4MHz_High_16QAM_1@5	18.66	16.38	0.043	1	Pass
1.4MHz_High_16QAM_3@0	18.90	16.62	0.046	1	Pass
1.4MHz_High_16QAM_3@1	18.90	16.62	0.046	1	Pass
1.4MHz_High_16QAM_3@3	18.93	16.65	0.046	1	Pass
1.4MHz_High_16QAM_6@0	18	15.72	0.037	1	Pass
3MHz_Low_QPSK_1@0	19.81	17.53	0.057	1	Pass
3MHz_Low_QPSK_1@8	19.89	17.61	0.058	1	Pass
3MHz_Low_QPSK_1@14	19.97	**17.69**	0.059	1	Pass
3MHz_Low_QPSK_8@0	19.02	16.74	0.047	1	Pass
3MHz_Low_QPSK_8@4	19.03	16.75	0.047	1	Pass
3MHz_Low_QPSK_8@7	19.06	16.78	0.048	1	Pass
3MHz_Low_QPSK_15@0	19.03	16.75	0.047	1	Pass
3MHz_Low_16QAM_1@0	18.81	16.53	0.045	1	Pass
3MHz_Low_16QAM_1@8	18.81	16.53	0.045	1	Pass
3MHz_Low_16QAM_1@14	18.91	16.63	0.046	1	Pass
3MHz_Low_16QAM_8@0	17.99	15.71	0.037	1	Pass
3MHz_Low_16QAM_8@4	18.01	15.73	0.037	1	Pass
3MHz_Low_16QAM_8@7	18.05	15.77	0.038	1	Pass
3MHz_Low_16QAM_15@0	17.97	15.69	0.037	1	Pass
3MHz_Middle_QPSK_1@0	19.77	17.49	0.056	1	Pass
3MHz_Middle_QPSK_1@8	19.79	17.51	0.056	1	Pass
3MHz_Middle_QPSK_1@14	19.77	17.49	0.056	1	Pass
3MHz_Middle_QPSK_8@0	18.84	16.56	0.045	1	Pass
3MHz_Middle_QPSK_8@4	18.82	16.54	0.045	1	Pass
3MHz_Middle_QPSK_8@7	18.83	16.55	0.045	1	Pass
3MHz_Middle_QPSK_15@0	18.82	16.54	0.045	1	Pass
3MHz_Middle_16QAM_1@0	18.74	16.46	0.044	1	Pass
3MHz_Middle_16QAM_1@8	18.75	16.47	0.044	1	Pass
3MHz_Middle_16QAM_1@14	18.71	16.43	0.044	1	Pass
3MHz_Middle_16QAM_8@0	17.91	15.63	0.037	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_8@4	17.86	15.58	0.036	1	Pass
3MHz_Middle_16QAM_8@7	17.83	15.55	0.036	1	Pass
3MHz_Middle_16QAM_15@0	17.87	15.59	0.036	1	Pass
3MHz_High_QPSK_1@0	19.94	17.66	0.058	1	Pass
3MHz_High_QPSK_1@8	19.97	17.69	0.059	1	Pass
3MHz_High_QPSK_1@14	19.96	17.68	0.059	1	Pass
3MHz_High_QPSK_8@0	18.84	16.56	0.045	1	Pass
3MHz_High_QPSK_8@4	18.82	16.54	0.045	1	Pass
3MHz_High_QPSK_8@7	18.79	16.51	0.045	1	Pass
3MHz_High_QPSK_15@0	18.79	16.51	0.045	1	Pass
3MHz_High_16QAM_1@0	19.14	16.86	0.049	1	Pass
3MHz_High_16QAM_1@8	19.18	**16.90**	0.049	1	Pass
3MHz_High_16QAM_1@14	19.17	16.89	0.049	1	Pass
3MHz_High_16QAM_8@0	17.96	15.68	0.037	1	Pass
3MHz_High_16QAM_8@4	17.91	15.63	0.037	1	Pass
3MHz_High_16QAM_8@7	17.92	15.64	0.037	1	Pass
3MHz_High_16QAM_15@0	17.82	15.54	0.036	1	Pass
5MHz_Low_QPSK_1@0	19.95	17.67	0.058	1	Pass
5MHz_Low_QPSK_1@12	20.08	17.80	0.060	1	Pass
5MHz_Low_QPSK_1@24	20.17	**17.89**	0.062	1	Pass
5MHz_Low_QPSK_12@0	19.02	16.74	0.047	1	Pass
5MHz_Low_QPSK_12@7	19.08	16.80	0.048	1	Pass
5MHz_Low_QPSK_12@13	19.14	16.86	0.049	1	Pass
5MHz_Low_QPSK_25@0	19.09	16.81	0.048	1	Pass
5MHz_Low_16QAM_1@0	19.02	16.74	0.047	1	Pass
5MHz_Low_16QAM_1@12	19.14	16.86	0.049	1	Pass
5MHz_Low_16QAM_1@24	19.20	16.92	0.049	1	Pass
5MHz_Low_16QAM_12@0	18.12	15.84	0.038	1	Pass
5MHz_Low_16QAM_12@7	18.17	15.89	0.039	1	Pass
5MHz_Low_16QAM_12@13	18.25	15.97	0.040	1	Pass
5MHz_Low_16QAM_25@0	18.09	15.81	0.038	1	Pass
5MHz_Middle_QPSK_1@0	19.95	17.67	0.058	1	Pass
5MHz_Middle_QPSK_1@12	19.94	17.66	0.058	1	Pass
5MHz_Middle_QPSK_1@24	19.94	17.66	0.058	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_12@0	18.93	16.65	0.046	1	Pass
5MHz_Middle_QPSK_12@7	18.87	16.59	0.046	1	Pass
5MHz_Middle_QPSK_12@13	18.86	16.58	0.045	1	Pass
5MHz_Middle_QPSK_25@0	18.91	16.63	0.046	1	Pass
5MHz_Middle_16QAM_1@0	18.93	16.65	0.046	1	Pass
5MHz_Middle_16QAM_1@12	18.92	16.64	0.046	1	Pass
5MHz_Middle_16QAM_1@24	18.91	16.63	0.046	1	Pass
5MHz_Middle_16QAM_12@0	17.98	15.70	0.037	1	Pass
5MHz_Middle_16QAM_12@7	17.96	15.68	0.037	1	Pass
5MHz_Middle_16QAM_12@13	17.94	15.66	0.037	1	Pass
5MHz_Middle_16QAM_25@0	17.91	15.63	0.037	1	Pass
5MHz_High_QPSK_1@0	19.81	17.53	0.057	1	Pass
5MHz_High_QPSK_1@12	19.77	17.49	0.056	1	Pass
5MHz_High_QPSK_1@24	19.81	17.53	0.057	1	Pass
5MHz_High_QPSK_12@0	18.87	16.59	0.046	1	Pass
5MHz_High_QPSK_12@7	18.85	16.57	0.045	1	Pass
5MHz_High_QPSK_12@13	18.84	16.56	0.045	1	Pass
5MHz_High_QPSK_25@0	18.89	16.61	0.046	1	Pass
5MHz_High_16QAM_1@0	19.44	17.16	0.052	1	Pass
5MHz_High_16QAM_1@12	19.45	17.17	0.052	1	Pass
5MHz_High_16QAM_1@24	19.47	**17.19**	0.052	1	Pass
5MHz_High_16QAM_12@0	17.97	15.69	0.037	1	Pass
5MHz_High_16QAM_12@7	17.97	15.69	0.037	1	Pass
5MHz_High_16QAM_12@13	17.95	15.67	0.037	1	Pass
5MHz_High_16QAM_25@0	17.93	15.65	0.037	1	Pass
10MHz_Low_QPSK_1@0	19.92	17.64	0.058	1	Pass
10MHz_Low_QPSK_1@25	20.01	17.73	0.059	1	Pass
10MHz_Low_QPSK_1@49	20.05	**17.77**	0.060	1	Pass
10MHz_Low_QPSK_25@0	19.08	16.80	0.048	1	Pass
10MHz_Low_QPSK_25@12	19.14	16.86	0.049	1	Pass
10MHz_Low_QPSK_25@25	19.13	16.85	0.048	1	Pass
10MHz_Low_QPSK_50@0	19.08	16.80	0.048	1	Pass
10MHz_Low_16QAM_1@0	18.83	16.55	0.045	1	Pass
10MHz_Low_16QAM_1@25	18.92	16.64	0.046	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_16QAM_1@49	18.98	16.70	0.047	1	Pass
10MHz_Low_16QAM_25@0	18.18	15.90	0.039	1	Pass
10MHz_Low_16QAM_25@12	18.21	15.93	0.039	1	Pass
10MHz_Low_16QAM_25@25	18.25	15.97	0.040	1	Pass
10MHz_Low_16QAM_50@0	18.13	15.85	0.038	1	Pass
10MHz_Middle_QPSK_1@0	19.93	17.65	0.058	1	Pass
10MHz_Middle_QPSK_1@25	19.83	17.55	0.057	1	Pass
10MHz_Middle_QPSK_1@49	19.85	17.57	0.057	1	Pass
10MHz_Middle_QPSK_25@0	18.92	16.64	0.046	1	Pass
10MHz_Middle_QPSK_25@12	18.87	16.59	0.046	1	Pass
10MHz_Middle_QPSK_25@25	18.84	16.56	0.045	1	Pass
10MHz_Middle_QPSK_50@0	18.90	16.62	0.046	1	Pass
10MHz_Middle_16QAM_1@0	18.90	16.62	0.046	1	Pass
10MHz_Middle_16QAM_1@25	18.82	16.54	0.045	1	Pass
10MHz_Middle_16QAM_1@49	18.84	16.56	0.045	1	Pass
10MHz_Middle_16QAM_25@0	17.99	15.71	0.037	1	Pass
10MHz_Middle_16QAM_25@12	17.97	15.69	0.037	1	Pass
10MHz_Middle_16QAM_25@25	17.93	15.65	0.037	1	Pass
10MHz_Middle_16QAM_50@0	17.90	15.62	0.036	1	Pass
10MHz_High_QPSK_1@0	20.02	17.74	0.059	1	Pass
10MHz_High_QPSK_1@25	19.95	17.67	0.058	1	Pass
10MHz_High_QPSK_1@49	20.02	17.74	0.059	1	Pass
10MHz_High_QPSK_25@0	18.81	16.53	0.045	1	Pass
10MHz_High_QPSK_25@12	18.77	16.49	0.045	1	Pass
10MHz_High_QPSK_25@25	18.77	16.49	0.045	1	Pass
10MHz_High_QPSK_50@0	18.82	16.54	0.045	1	Pass
10MHz_High_16QAM_1@0	19.20	**16.92**	0.049	1	Pass
10MHz_High_16QAM_1@25	19.15	16.87	0.049	1	Pass
10MHz_High_16QAM_1@49	19.19	16.91	0.049	1	Pass
10MHz_High_16QAM_25@0	17.84	15.56	0.036	1	Pass
10MHz_High_16QAM_25@12	17.80	15.52	0.036	1	Pass
10MHz_High_16QAM_25@25	17.79	15.51	0.036	1	Pass
10MHz_High_16QAM_50@0	17.80	15.52	0.036	1	Pass
15MHz_Low_QPSK_1@0	20.10	17.82	0.061	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@37	20.27	**17.99**	0.063	1	Pass
15MHz_Low_QPSK_1@74	20.16	17.88	0.061	1	Pass
15MHz_Low_QPSK_36@0	19.19	16.91	0.049	1	Pass
15MHz_Low_QPSK_36@20	19.21	16.93	0.049	1	Pass
15MHz_Low_QPSK_36@39	19.17	16.89	0.049	1	Pass
15MHz_Low_QPSK_75@0	19.19	16.91	0.049	1	Pass
15MHz_Low_16QAM_1@0	19.18	16.90	0.049	1	Pass
15MHz_Low_16QAM_1@37	19.38	**17.10**	0.051	1	Pass
15MHz_Low_16QAM_1@74	19.25	16.97	0.050	1	Pass
15MHz_Low_16QAM_36@0	18.20	15.92	0.039	1	Pass
15MHz_Low_16QAM_36@20	18.22	15.94	0.039	1	Pass
15MHz_Low_16QAM_36@39	18.17	15.89	0.039	1	Pass
15MHz_Low_16QAM_75@0	18.18	15.90	0.039	1	Pass
15MHz_Middle_QPSK_1@0	19.97	17.69	0.059	1	Pass
15MHz_Middle_QPSK_1@37	19.90	17.62	0.058	1	Pass
15MHz_Middle_QPSK_1@74	19.84	17.56	0.057	1	Pass
15MHz_Middle_QPSK_36@0	18.98	16.70	0.047	1	Pass
15MHz_Middle_QPSK_36@20	18.94	16.66	0.046	1	Pass
15MHz_Middle_QPSK_36@39	18.91	16.63	0.046	1	Pass
15MHz_Middle_QPSK_75@0	18.96	16.68	0.047	1	Pass
15MHz_Middle_16QAM_1@0	18.96	16.68	0.047	1	Pass
15MHz_Middle_16QAM_1@37	18.93	16.65	0.046	1	Pass
15MHz_Middle_16QAM_1@74	18.87	16.59	0.046	1	Pass
15MHz_Middle_16QAM_36@0	17.99	15.71	0.037	1	Pass
15MHz_Middle_16QAM_36@20	17.95	15.67	0.037	1	Pass
15MHz_Middle_16QAM_36@39	17.94	15.66	0.037	1	Pass
15MHz_Middle_16QAM_75@0	17.99	15.71	0.037	1	Pass
15MHz_High_QPSK_1@0	19.61	17.33	0.054	1	Pass
15MHz_High_QPSK_1@37	19.65	17.37	0.055	1	Pass
15MHz_High_QPSK_1@74	19.91	17.63	0.058	1	Pass
15MHz_High_QPSK_36@0	18.82	16.54	0.045	1	Pass
15MHz_High_QPSK_36@20	18.79	16.51	0.045	1	Pass
15MHz_High_QPSK_36@39	18.82	16.54	0.045	1	Pass
15MHz_High_QPSK_75@0	18.83	16.55	0.045	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_16QAM_1@0	18.93	16.65	0.046	1	Pass
15MHz_High_16QAM_1@37	18.93	16.65	0.046	1	Pass
15MHz_High_16QAM_1@74	18.94	16.66	0.046	1	Pass
15MHz_High_16QAM_36@0	17.82	15.54	0.036	1	Pass
15MHz_High_16QAM_36@20	17.66	15.38	0.035	1	Pass
15MHz_High_16QAM_36@39	17.69	15.41	0.035	1	Pass
15MHz_High_16QAM_75@0	17.68	15.40	0.035	1	Pass
20MHz_Low_QPSK_1@0	19.90	17.62	0.058	1	Pass
20MHz_Low_QPSK_1@49	20.08	**17.80**	0.060	1	Pass
20MHz_Low_QPSK_1@99	19.90	17.62	0.058	1	Pass
20MHz_Low_QPSK_50@0	19.04	16.76	0.047	1	Pass
20MHz_Low_QPSK_50@24	19.09	16.81	0.048	1	Pass
20MHz_Low_QPSK_50@50	19.04	16.76	0.047	1	Pass
20MHz_Low_QPSK_100@0	19.21	16.93	0.049	1	Pass
20MHz_Low_16QAM_1@0	19.55	17.27	0.053	1	Pass
20MHz_Low_16QAM_1@49	19.69	**17.41**	0.055	1	Pass
20MHz_Low_16QAM_1@99	19.51	17.23	0.053	1	Pass
20MHz_Low_16QAM_50@0	18.08	15.80	0.038	1	Pass
20MHz_Low_16QAM_50@24	18.13	15.85	0.038	1	Pass
20MHz_Low_16QAM_50@50	18.08	15.80	0.038	1	Pass
20MHz_Low_16QAM_100@0	18.05	15.77	0.038	1	Pass
20MHz_Middle_QPSK_1@0	19.86	17.58	0.057	1	Pass
20MHz_Middle_QPSK_1@49	19.77	17.49	0.056	1	Pass
20MHz_Middle_QPSK_1@99	19.71	17.43	0.055	1	Pass
20MHz_Middle_QPSK_50@0	18.90	16.62	0.046	1	Pass
20MHz_Middle_QPSK_50@24	18.86	16.58	0.045	1	Pass
20MHz_Middle_QPSK_50@50	18.82	16.54	0.045	1	Pass
20MHz_Middle_QPSK_100@0	18.87	16.59	0.046	1	Pass
20MHz_Middle_16QAM_1@0	19.30	17.02	0.050	1	Pass
20MHz_Middle_16QAM_1@49	19.18	16.90	0.049	1	Pass
20MHz_Middle_16QAM_1@99	19.12	16.84	0.048	1	Pass
20MHz_Middle_16QAM_50@0	17.94	15.66	0.037	1	Pass
20MHz_Middle_16QAM_50@24	17.89	15.61	0.036	1	Pass
20MHz_Middle_16QAM_50@50	17.85	15.57	0.036	1	Pass

Mode	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_100@0	17.85	15.57	0.036	1	Pass
20MHz_High_QPSK_1@0	19.61	17.33	0.054	1	Pass
20MHz_High_QPSK_1@49	19.61	17.33	0.054	1	Pass
20MHz_High_QPSK_1@99	19.60	17.32	0.054	1	Pass
20MHz_High_QPSK_50@0	18.70	16.42	0.044	1	Pass
20MHz_High_QPSK_50@24	18.71	16.43	0.044	1	Pass
20MHz_High_QPSK_50@50	18.66	16.38	0.043	1	Pass
20MHz_High_QPSK_100@0	18.71	16.43	0.044	1	Pass
20MHz_High_16QAM_1@0	19.34	17.06	0.051	1	Pass
20MHz_High_16QAM_1@49	19.39	17.11	0.051	1	Pass
20MHz_High_16QAM_1@99	19.36	17.08	0.051	1	Pass
20MHz_High_16QAM_50@0	17.75	15.47	0.035	1	Pass
20MHz_High_16QAM_50@24	17.74	15.46	0.035	1	Pass
20MHz_High_16QAM_50@50	17.70	15.42	0.035	1	Pass
20MHz_High_16QAM_100@0	17.67	15.39	0.035	1	Pass

Note:

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

Band 66:

1.Antenna Gain = -2.28dBi;

2.Cable Loss = 0dB.

LTE Band 71, Normal

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	23.81	14.46	0.028	3	Pass
5MHz_Low_QPSK_1@12	23.87	**14.52**	0.028	3	Pass
5MHz_Low_QPSK_1@24	23.76	14.41	0.028	3	Pass
5MHz_Low_QPSK_12@0	22.86	13.51	0.022	3	Pass
5MHz_Low_QPSK_12@7	22.86	13.51	0.022	3	Pass
5MHz_Low_QPSK_12@13	22.87	13.52	0.022	3	Pass
5MHz_Low_QPSK_25@0	22.88	13.53	0.023	3	Pass
5MHz_Low_16QAM_1@0	23.60	**14.25**	0.027	3	Pass
5MHz_Low_16QAM_1@12	23.59	14.24	0.027	3	Pass
5MHz_Low_16QAM_1@24	23.58	14.23	0.026	3	Pass
5MHz_Low_16QAM_12@0	21.95	12.60	0.018	3	Pass
5MHz_Low_16QAM_12@7	21.98	12.63	0.018	3	Pass
5MHz_Low_16QAM_12@13	22	12.65	0.018	3	Pass
5MHz_Low_16QAM_25@0	21.98	12.63	0.018	3	Pass
5MHz_Middle_QPSK_1@0	23.81	14.46	0.028	3	Pass
5MHz_Middle_QPSK_1@12	23.84	14.49	0.028	3	Pass
5MHz_Middle_QPSK_1@24	23.82	14.47	0.028	3	Pass
5MHz_Middle_QPSK_12@0	20.93	11.58	0.014	3	Pass
5MHz_Middle_QPSK_12@7	20.91	11.56	0.014	3	Pass
5MHz_Middle_QPSK_12@13	20.91	11.56	0.014	3	Pass
5MHz_Middle_QPSK_25@0	20.94	11.59	0.014	3	Pass
5MHz_Middle_16QAM_1@0	20.94	11.59	0.014	3	Pass
5MHz_Middle_16QAM_1@12	21.01	11.66	0.015	3	Pass
5MHz_Middle_16QAM_1@24	20.95	11.60	0.014	3	Pass
5MHz_Middle_16QAM_12@0	21.03	11.68	0.015	3	Pass
5MHz_Middle_16QAM_12@7	21.03	11.68	0.015	3	Pass
5MHz_Middle_16QAM_12@13	21.02	11.67	0.015	3	Pass
5MHz_Middle_16QAM_25@0	20.94	11.59	0.014	3	Pass
5MHz_High_QPSK_1@0	20.82	11.47	0.014	3	Pass
5MHz_High_QPSK_1@12	20.89	11.54	0.014	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_High_QPSK_1@24	20.94	11.59	0.014	3	Pass
5MHz_High_QPSK_12@0	20.86	11.51	0.014	3	Pass
5MHz_High_QPSK_12@7	20.83	11.48	0.014	3	Pass
5MHz_High_QPSK_12@13	20.82	11.47	0.014	3	Pass
5MHz_High_QPSK_25@0	20.86	11.51	0.014	3	Pass
5MHz_High_16QAM_1@0	20.82	11.47	0.014	3	Pass
5MHz_High_16QAM_1@12	20.88	11.53	0.014	3	Pass
5MHz_High_16QAM_1@24	20.93	11.58	0.014	3	Pass
5MHz_High_16QAM_12@0	20.93	11.58	0.014	3	Pass
5MHz_High_16QAM_12@7	20.92	11.57	0.014	3	Pass
5MHz_High_16QAM_12@13	20.89	11.54	0.014	3	Pass
5MHz_High_16QAM_25@0	20.84	11.49	0.014	3	Pass
10MHz_Low_QPSK_1@0	23.77	14.42	0.028	3	Pass
10MHz_Low_QPSK_1@25	23.80	14.45	0.028	3	Pass
10MHz_Low_QPSK_1@49	23.82	**14.47**	0.028	3	Pass
10MHz_Low_QPSK_25@0	22.88	13.53	0.023	3	Pass
10MHz_Low_QPSK_25@12	22.94	13.59	0.023	3	Pass
10MHz_Low_QPSK_25@25	22.94	13.59	0.023	3	Pass
10MHz_Low_QPSK_50@0	22.92	13.57	0.023	3	Pass
10MHz_Low_16QAM_1@0	22.66	**13.31**	0.021	3	Pass
10MHz_Low_16QAM_1@25	20.68	11.33	0.014	3	Pass
10MHz_Low_16QAM_1@49	20.71	11.36	0.014	3	Pass
10MHz_Low_16QAM_25@0	20.97	11.62	0.015	3	Pass
10MHz_Low_16QAM_25@12	20.99	11.64	0.015	3	Pass
10MHz_Low_16QAM_25@25	21.01	11.66	0.015	3	Pass
10MHz_Low_16QAM_50@0	20.93	11.58	0.014	3	Pass
10MHz_Middle_QPSK_1@0	20.81	11.46	0.014	3	Pass
10MHz_Middle_QPSK_1@25	20.85	11.50	0.014	3	Pass
10MHz_Middle_QPSK_1@49	20.83	11.48	0.014	3	Pass
10MHz_Middle_QPSK_25@0	20.91	11.56	0.014	3	Pass
10MHz_Middle_QPSK_25@12	20.89	11.54	0.014	3	Pass
10MHz_Middle_QPSK_25@25	20.89	11.54	0.014	3	Pass
10MHz_Middle_QPSK_50@0	20.68	11.33	0.014	3	Pass
10MHz_Middle_16QAM_1@0	20.75	11.40	0.014	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_16QAM_1@25	20.74	11.39	0.014	3	Pass
10MHz_Middle_16QAM_1@49	20.62	11.27	0.013	3	Pass
10MHz_Middle_16QAM_25@0	20.64	11.29	0.013	3	Pass
10MHz_Middle_16QAM_25@12	20.63	11.28	0.013	3	Pass
10MHz_Middle_16QAM_25@25	20.84	11.49	0.014	3	Pass
10MHz_Middle_16QAM_50@0	20.56	11.21	0.013	3	Pass
10MHz_High_QPSK_1@0	20.85	11.50	0.014	3	Pass
10MHz_High_QPSK_1@25	20.70	11.35	0.014	3	Pass
10MHz_High_QPSK_1@49	20.78	11.43	0.014	3	Pass
10MHz_High_QPSK_25@0	20.34	10.99	0.013	3	Pass
10MHz_High_QPSK_25@12	20.24	10.89	0.012	3	Pass
10MHz_High_QPSK_25@25	20.31	10.96	0.012	3	Pass
10MHz_High_QPSK_50@0	20.37	11.02	0.013	3	Pass
10MHz_High_16QAM_1@0	20.73	11.38	0.014	3	Pass
10MHz_High_16QAM_1@25	20.63	11.28	0.013	3	Pass
10MHz_High_16QAM_1@49	20.79	11.44	0.014	3	Pass
10MHz_High_16QAM_25@0	20.30	10.95	0.012	3	Pass
10MHz_High_16QAM_25@12	20.30	10.95	0.012	3	Pass
10MHz_High_16QAM_25@25	20.29	10.94	0.012	3	Pass
10MHz_High_16QAM_50@0	20.37	11.02	0.013	3	Pass
15MHz_Low_QPSK_1@0	24.01	14.66	0.029	3	Pass
15MHz_Low_QPSK_1@37	24.04	**14.69**	0.029	3	Pass
15MHz_Low_QPSK_1@74	23.97	14.62	0.029	3	Pass
15MHz_Low_QPSK_36@0	21.93	12.58	0.018	3	Pass
15MHz_Low_QPSK_36@20	22.74	13.39	0.022	3	Pass
15MHz_Low_QPSK_36@39	22.72	13.37	0.022	3	Pass
15MHz_Low_QPSK_75@0	22.73	13.38	0.022	3	Pass
15MHz_Low_16QAM_1@0	22.77	13.42	0.022	3	Pass
15MHz_Low_16QAM_1@37	22.72	13.37	0.022	3	Pass
15MHz_Low_16QAM_1@74	22.65	13.30	0.021	3	Pass
15MHz_Low_16QAM_36@0	21.74	12.39	0.017	3	Pass
15MHz_Low_16QAM_36@20	21.75	12.40	0.017	3	Pass
15MHz_Low_16QAM_36@39	21.94	12.59	0.018	3	Pass
15MHz_Low_16QAM_75@0	21.92	12.57	0.018	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
15MHz_Middle_QPSK_1@0	24.01	14.66	0.029	3	Pass
15MHz_Middle_QPSK_1@37	24.02	14.67	0.029	3	Pass
15MHz_Middle_QPSK_1@74	23.92	14.57	0.029	3	Pass
15MHz_Middle_QPSK_36@0	22.95	13.60	0.023	3	Pass
15MHz_Middle_QPSK_36@20	22.94	13.59	0.023	3	Pass
15MHz_Middle_QPSK_36@39	22.95	13.60	0.023	3	Pass
15MHz_Middle_QPSK_75@0	22.94	13.59	0.023	3	Pass
15MHz_Middle_16QAM_1@0	22.86	13.51	0.022	3	Pass
15MHz_Middle_16QAM_1@37	22.90	13.55	0.023	3	Pass
15MHz_Middle_16QAM_1@74	22.81	13.46	0.022	3	Pass
15MHz_Middle_16QAM_36@0	23.77	**14.42**	0.028	3	Pass
15MHz_Middle_16QAM_36@20	21.76	12.41	0.017	3	Pass
15MHz_Middle_16QAM_36@39	21.76	12.41	0.017	3	Pass
15MHz_Middle_16QAM_75@0	21.93	12.58	0.018	3	Pass
15MHz_High_QPSK_1@0	23.96	14.61	0.029	3	Pass
15MHz_High_QPSK_1@37	23.85	14.50	0.028	3	Pass
15MHz_High_QPSK_1@74	23.91	14.56	0.029	3	Pass
15MHz_High_QPSK_36@0	22.87	13.52	0.022	3	Pass
15MHz_High_QPSK_36@20	22.84	13.49	0.022	3	Pass
15MHz_High_QPSK_36@39	22.86	13.51	0.022	3	Pass
15MHz_High_QPSK_75@0	22.83	13.48	0.022	3	Pass
15MHz_High_16QAM_1@0	22.59	13.24	0.021	3	Pass
15MHz_High_16QAM_1@37	22.42	13.07	0.020	3	Pass
15MHz_High_16QAM_1@74	22.45	13.10	0.020	3	Pass
15MHz_High_16QAM_36@0	21.40	12.05	0.016	3	Pass
15MHz_High_16QAM_36@20	21.37	12.02	0.016	3	Pass
15MHz_High_16QAM_36@39	21.35	12.00	0.016	3	Pass
15MHz_High_16QAM_75@0	21.43	12.08	0.016	3	Pass
20MHz_Low_QPSK_1@0	23.82	14.47	0.028	3	Pass
20MHz_Low_QPSK_1@49	23.87	**14.52**	0.028	3	Pass
20MHz_Low_QPSK_1@99	23.80	14.45	0.028	3	Pass
20MHz_Low_QPSK_50@0	20.98	11.63	0.015	3	Pass
20MHz_Low_QPSK_50@24	21	11.65	0.015	3	Pass
20MHz_Low_QPSK_50@50	20.93	11.58	0.014	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
20MHz_Low_QPSK_100@0	20.95	11.60	0.014	3	Pass
20MHz_Low_16QAM_1@0	21.16	11.81	0.015	3	Pass
20MHz_Low_16QAM_1@49	21.13	11.78	0.015	3	Pass
20MHz_Low_16QAM_1@99	21.17	**11.82**	0.015	3	Pass
20MHz_Low_16QAM_50@0	20.72	11.37	0.014	3	Pass
20MHz_Low_16QAM_50@24	20.74	11.39	0.014	3	Pass
20MHz_Low_16QAM_50@50	20.79	11.44	0.014	3	Pass
20MHz_Low_16QAM_100@0	20.73	11.38	0.014	3	Pass
20MHz_Middle_QPSK_1@0	20.88	11.53	0.014	3	Pass
20MHz_Middle_QPSK_1@49	20.83	11.48	0.014	3	Pass
20MHz_Middle_QPSK_1@99	20.49	11.14	0.013	3	Pass
20MHz_Middle_QPSK_50@0	20.50	11.15	0.013	3	Pass
20MHz_Middle_QPSK_50@24	20.51	11.16	0.013	3	Pass
20MHz_Middle_QPSK_50@50	20.48	11.13	0.013	3	Pass
20MHz_Middle_QPSK_100@0	20.55	11.20	0.013	3	Pass
20MHz_Middle_16QAM_1@0	21.17	11.82	0.015	3	Pass
20MHz_Middle_16QAM_1@49	21.16	11.81	0.015	3	Pass
20MHz_Middle_16QAM_1@99	21	11.65	0.015	3	Pass
20MHz_Middle_16QAM_50@0	20.53	11.18	0.013	3	Pass
20MHz_Middle_16QAM_50@24	20.46	11.11	0.013	3	Pass
20MHz_Middle_16QAM_50@50	20.51	11.16	0.013	3	Pass
20MHz_Middle_16QAM_100@0	20.48	11.13	0.013	3	Pass
20MHz_High_QPSK_1@0	20.35	11.00	0.013	3	Pass
20MHz_High_QPSK_1@49	20.37	11.02	0.013	3	Pass
20MHz_High_QPSK_1@99	20.34	10.99	0.013	3	Pass
20MHz_High_QPSK_50@0	20.42	11.07	0.013	3	Pass
20MHz_High_QPSK_50@24	20.40	11.05	0.013	3	Pass
20MHz_High_QPSK_50@50	20.37	11.02	0.013	3	Pass
20MHz_High_QPSK_100@0	20.39	11.04	0.013	3	Pass
20MHz_High_16QAM_1@0	20.75	11.40	0.014	3	Pass
20MHz_High_16QAM_1@49	20.79	11.44	0.014	3	Pass
20MHz_High_16QAM_1@99	20.73	11.38	0.014	3	Pass
20MHz_High_16QAM_50@0	20.44	11.09	0.013	3	Pass
20MHz_High_16QAM_50@24	20.40	11.05	0.013	3	Pass

Mode	Conducted Power (dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
20MHz_High_16QAM_50@50	20.41	11.06	0.013	3	Pass
20MHz_High_16QAM_100@0	20.39	11.04	0.013	3	Pass

Note:

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

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

Band 71:

1.Antenna Gain = -6.7dBi;

2.Cable Loss = 0.5dB.

***** END *****