

RF Output Power**FCC Part 27****LTE Band 4, Normal**

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	21.91	19.04	0.080	1	Pass
1.4MHz_Low_QPSK_1@3	21.90	19.03	0.080	1	Pass
1.4MHz_Low_QPSK_1@5	21.95	19.08	0.081	1	Pass
1.4MHz_Low_QPSK_3@0	21.91	19.04	0.080	1	Pass
1.4MHz_Low_QPSK_3@1	21.95	19.08	0.081	1	Pass
1.4MHz_Low_QPSK_3@3	21.84	18.97	0.079	1	Pass
1.4MHz_Low_QPSK_6@0	20.88	18.01	0.063	1	Pass
1.4MHz_Low_16QAM_1@0	20.90	18.03	0.064	1	Pass
1.4MHz_Low_16QAM_1@3	21.11	18.24	0.067	1	Pass
1.4MHz_Low_16QAM_1@5	20.96	18.09	0.064	1	Pass
1.4MHz_Low_16QAM_3@0	21.04	18.17	0.066	1	Pass
1.4MHz_Low_16QAM_3@1	21.05	18.18	0.066	1	Pass
1.4MHz_Low_16QAM_3@3	20.97	18.10	0.065	1	Pass
1.4MHz_Low_16QAM_6@0	19.86	16.99	0.050	1	Pass
1.4MHz_Middle_QPSK_1@0	21.81	18.94	0.078	1	Pass
1.4MHz_Middle_QPSK_1@3	21.90	19.03	0.080	1	Pass
1.4MHz_Middle_QPSK_1@5	21.78	18.91	0.078	1	Pass
1.4MHz_Middle_QPSK_3@0	21.68	18.81	0.076	1	Pass
1.4MHz_Middle_QPSK_3@1	21.73	18.86	0.077	1	Pass
1.4MHz_Middle_QPSK_3@3	21.67	18.80	0.076	1	Pass
1.4MHz_Middle_QPSK_6@0	20.65	17.78	0.060	1	Pass
1.4MHz_Middle_16QAM_1@0	21.04	18.17	0.066	1	Pass
1.4MHz_Middle_16QAM_1@3	21.10	18.23	0.067	1	Pass
1.4MHz_Middle_16QAM_1@5	21.01	18.14	0.065	1	Pass
1.4MHz_Middle_16QAM_3@0	20.84	17.97	0.063	1	Pass
1.4MHz_Middle_16QAM_3@1	20.97	18.10	0.065	1	Pass
1.4MHz_Middle_16QAM_3@3	20.80	17.93	0.062	1	Pass
1.4MHz_Middle_16QAM_6@0	19.84	16.97	0.050	1	Pass
1.4MHz_High_QPSK_1@0	22.06	19.19	0.083	1	Pass
1.4MHz_High_QPSK_1@3	22.12	19.25	0.084	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	22.09	19.22	0.084	1	Pass
1.4MHz_High_QPSK_3@0	22.01	19.14	0.082	1	Pass
1.4MHz_High_QPSK_3@1	22.07	19.20	0.083	1	Pass
1.4MHz_High_QPSK_3@3	21.98	19.11	0.081	1	Pass
1.4MHz_High_QPSK_6@0	20.94	18.07	0.064	1	Pass
1.4MHz_High_16QAM_1@0	21.21	18.34	0.068	1	Pass
1.4MHz_High_16QAM_1@3	21.40	18.53	0.071	1	Pass
1.4MHz_High_16QAM_1@5	21.29	18.42	0.070	1	Pass
1.4MHz_High_16QAM_3@0	21.13	18.26	0.067	1	Pass
1.4MHz_High_16QAM_3@1	21.16	18.29	0.067	1	Pass
1.4MHz_High_16QAM_3@3	21.12	18.25	0.067	1	Pass
1.4MHz_High_16QAM_6@0	20.15	17.28	0.053	1	Pass
3MHz_Low_QPSK_1@0	21.80	18.93	0.078	1	Pass
3MHz_Low_QPSK_1@8	21.79	18.92	0.078	1	Pass
3MHz_Low_QPSK_1@14	21.62	18.75	0.075	1	Pass
3MHz_Low_QPSK_8@0	20.91	18.04	0.064	1	Pass
3MHz_Low_QPSK_8@4	20.94	18.07	0.064	1	Pass
3MHz_Low_QPSK_8@7	20.88	18.01	0.063	1	Pass
3MHz_Low_QPSK_15@0	20.91	18.04	0.064	1	Pass
3MHz_Low_16QAM_1@0	21.05	18.18	0.066	1	Pass
3MHz_Low_16QAM_1@8	21.03	18.16	0.065	1	Pass
3MHz_Low_16QAM_1@14	20.92	18.05	0.064	1	Pass
3MHz_Low_16QAM_8@0	20.01	17.14	0.052	1	Pass
3MHz_Low_16QAM_8@4	20.01	17.14	0.052	1	Pass
3MHz_Low_16QAM_8@7	19.92	17.05	0.051	1	Pass
3MHz_Low_16QAM_15@0	19.93	17.06	0.051	1	Pass
3MHz_Middle_QPSK_1@0	21.92	19.05	0.080	1	Pass
3MHz_Middle_QPSK_1@8	21.82	18.95	0.079	1	Pass
3MHz_Middle_QPSK_1@14	21.79	18.92	0.078	1	Pass
3MHz_Middle_QPSK_8@0	20.69	17.82	0.061	1	Pass
3MHz_Middle_QPSK_8@4	20.67	17.80	0.060	1	Pass
3MHz_Middle_QPSK_8@7	20.69	17.82	0.061	1	Pass
3MHz_Middle_QPSK_15@0	20.69	17.82	0.061	1	Pass
3MHz_Middle_16QAM_1@0	21.02	18.15	0.065	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	20.97	18.10	0.065	1	Pass
3MHz_Middle_16QAM_1@14	20.84	17.97	0.063	1	Pass
3MHz_Middle_16QAM_8@0	19.66	16.79	0.048	1	Pass
3MHz_Middle_16QAM_8@4	19.69	16.82	0.048	1	Pass
3MHz_Middle_16QAM_8@7	19.63	16.76	0.047	1	Pass
3MHz_Middle_16QAM_15@0	19.65	16.78	0.048	1	Pass
3MHz_High_QPSK_1@0	22.28	19.41	0.087	1	Pass
3MHz_High_QPSK_1@8	22.16	19.29	0.085	1	Pass
3MHz_High_QPSK_1@14	22.19	19.32	0.086	1	Pass
3MHz_High_QPSK_8@0	20.98	18.11	0.065	1	Pass
3MHz_High_QPSK_8@4	21.05	18.18	0.066	1	Pass
3MHz_High_QPSK_8@7	21.02	18.15	0.065	1	Pass
3MHz_High_QPSK_15@0	21	18.13	0.065	1	Pass
3MHz_High_16QAM_1@0	21.34	18.47	0.070	1	Pass
3MHz_High_16QAM_1@8	21.27	18.40	0.069	1	Pass
3MHz_High_16QAM_1@14	21.32	18.45	0.070	1	Pass
3MHz_High_16QAM_8@0	20.01	17.14	0.052	1	Pass
3MHz_High_16QAM_8@4	20.08	17.21	0.053	1	Pass
3MHz_High_16QAM_8@7	20.04	17.17	0.052	1	Pass
3MHz_High_16QAM_15@0	19.89	17.02	0.050	1	Pass
5MHz_Low_QPSK_1@0	22.26	19.39	0.087	1	Pass
5MHz_Low_QPSK_1@12	22.41	19.54	0.090	1	Pass
5MHz_Low_QPSK_1@24	22.08	19.21	0.083	1	Pass
5MHz_Low_QPSK_12@0	21.03	18.16	0.065	1	Pass
5MHz_Low_QPSK_12@7	20.93	18.06	0.064	1	Pass
5MHz_Low_QPSK_12@13	20.92	18.05	0.064	1	Pass
5MHz_Low_QPSK_25@0	20.94	18.07	0.064	1	Pass
5MHz_Low_16QAM_1@0	21.48	18.61	0.073	1	Pass
5MHz_Low_16QAM_1@12	21.32	18.45	0.070	1	Pass
5MHz_Low_16QAM_1@24	21.28	18.41	0.069	1	Pass
5MHz_Low_16QAM_12@0	20.02	17.15	0.052	1	Pass
5MHz_Low_16QAM_12@7	19.93	17.06	0.051	1	Pass
5MHz_Low_16QAM_12@13	19.99	17.12	0.052	1	Pass
5MHz_Low_16QAM_25@0	19.92	17.05	0.051	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	21.96	19.09	0.081	1	Pass
5MHz_Middle_QPSK_1@12	22.03	19.16	0.082	1	Pass
5MHz_Middle_QPSK_1@24	21.77	18.90	0.078	1	Pass
5MHz_Middle_QPSK_12@0	20.75	17.88	0.061	1	Pass
5MHz_Middle_QPSK_12@7	20.72	17.85	0.061	1	Pass
5MHz_Middle_QPSK_12@13	20.62	17.75	0.060	1	Pass
5MHz_Middle_QPSK_25@0	20.73	17.86	0.061	1	Pass
5MHz_Middle_16QAM_1@0	21.14	18.27	0.067	1	Pass
5MHz_Middle_16QAM_1@12	21.06	18.19	0.066	1	Pass
5MHz_Middle_16QAM_1@24	21	18.13	0.065	1	Pass
5MHz_Middle_16QAM_12@0	19.66	16.79	0.048	1	Pass
5MHz_Middle_16QAM_12@7	19.65	16.78	0.048	1	Pass
5MHz_Middle_16QAM_12@13	19.58	16.71	0.047	1	Pass
5MHz_Middle_16QAM_25@0	19.81	16.94	0.049	1	Pass
5MHz_High_QPSK_1@0	22.12	19.25	0.084	1	Pass
5MHz_High_QPSK_1@12	21.94	19.07	0.081	1	Pass
5MHz_High_QPSK_1@24	21.96	19.09	0.081	1	Pass
5MHz_High_QPSK_12@0	21.08	18.21	0.066	1	Pass
5MHz_High_QPSK_12@7	20.97	18.10	0.065	1	Pass
5MHz_High_QPSK_12@13	20.98	18.11	0.065	1	Pass
5MHz_High_QPSK_25@0	21.09	18.22	0.066	1	Pass
5MHz_High_16QAM_1@0	21.41	18.54	0.071	1	Pass
5MHz_High_16QAM_1@12	21.41	18.54	0.071	1	Pass
5MHz_High_16QAM_1@24	21.38	18.51	0.071	1	Pass
5MHz_High_16QAM_12@0	20.16	17.29	0.054	1	Pass
5MHz_High_16QAM_12@7	20.08	17.21	0.053	1	Pass
5MHz_High_16QAM_12@13	20.10	17.23	0.053	1	Pass
5MHz_High_16QAM_25@0	20.08	17.21	0.053	1	Pass
10MHz_Low_QPSK_1@0	22.02	19.15	0.082	1	Pass
10MHz_Low_QPSK_1@25	21.93	19.06	0.081	1	Pass
10MHz_Low_QPSK_1@49	22	19.13	0.082	1	Pass
10MHz_Low_QPSK_25@0	20.92	18.05	0.064	1	Pass
10MHz_Low_QPSK_25@12	21	18.13	0.065	1	Pass
10MHz_Low_QPSK_25@25	20.89	18.02	0.063	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	21.01	18.14	0.065	1	Pass
10MHz_Low_16QAM_1@0	21.46	18.59	0.072	1	Pass
10MHz_Low_16QAM_1@25	21.24	18.37	0.069	1	Pass
10MHz_Low_16QAM_1@49	21.14	18.27	0.067	1	Pass
10MHz_Low_16QAM_25@0	19.96	17.09	0.051	1	Pass
10MHz_Low_16QAM_25@12	20.03	17.16	0.052	1	Pass
10MHz_Low_16QAM_25@25	19.98	17.11	0.051	1	Pass
10MHz_Low_16QAM_50@0	20.05	17.18	0.052	1	Pass
10MHz_Middle_QPSK_1@0	22.01	19.14	0.082	1	Pass
10MHz_Middle_QPSK_1@25	21.89	19.02	0.080	1	Pass
10MHz_Middle_QPSK_1@49	21.96	19.09	0.081	1	Pass
10MHz_Middle_QPSK_25@0	20.73	17.86	0.061	1	Pass
10MHz_Middle_QPSK_25@12	20.73	17.86	0.061	1	Pass
10MHz_Middle_QPSK_25@25	20.67	17.80	0.060	1	Pass
10MHz_Middle_QPSK_50@0	20.75	17.88	0.061	1	Pass
10MHz_Middle_16QAM_1@0	21.31	18.44	0.070	1	Pass
10MHz_Middle_16QAM_1@25	21.10	18.23	0.067	1	Pass
10MHz_Middle_16QAM_1@49	21.31	18.44	0.070	1	Pass
10MHz_Middle_16QAM_25@0	19.74	16.87	0.049	1	Pass
10MHz_Middle_16QAM_25@12	19.74	16.87	0.049	1	Pass
10MHz_Middle_16QAM_25@25	19.70	16.83	0.048	1	Pass
10MHz_Middle_16QAM_50@0	19.78	16.91	0.049	1	Pass
10MHz_High_QPSK_1@0	21.94	19.07	0.081	1	Pass
10MHz_High_QPSK_1@25	21.82	18.95	0.079	1	Pass
10MHz_High_QPSK_1@49	22.03	19.16	0.082	1	Pass
10MHz_High_QPSK_25@0	20.86	17.99	0.063	1	Pass
10MHz_High_QPSK_25@12	20.93	18.06	0.064	1	Pass
10MHz_High_QPSK_25@25	21.03	18.16	0.065	1	Pass
10MHz_High_QPSK_50@0	21	18.13	0.065	1	Pass
10MHz_High_16QAM_1@0	21.21	18.34	0.068	1	Pass
10MHz_High_16QAM_1@25	21.10	18.23	0.067	1	Pass
10MHz_High_16QAM_1@49	21.32	18.45	0.070	1	Pass
10MHz_High_16QAM_25@0	19.81	16.94	0.049	1	Pass
10MHz_High_16QAM_25@12	19.95	17.08	0.051	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	20.04	17.17	0.052	1	Pass
10MHz_High_16QAM_50@0	19.97	17.10	0.051	1	Pass
15MHz_Low_QPSK_1@0	22.30	19.43	0.088	1	Pass
15MHz_Low_QPSK_1@37	23.09	20.22	0.105	1	Pass
15MHz_Low_QPSK_1@74	22.25	19.38	0.087	1	Pass
15MHz_Low_QPSK_36@0	21.02	18.15	0.065	1	Pass
15MHz_Low_QPSK_36@20	20.90	18.03	0.064	1	Pass
15MHz_Low_QPSK_36@39	20.87	18.00	0.063	1	Pass
15MHz_Low_QPSK_75@0	20.85	17.98	0.063	1	Pass
15MHz_Low_16QAM_1@0	21.80	18.93	0.078	1	Pass
15MHz_Low_16QAM_1@37	22.59	19.72	0.094	1	Pass
15MHz_Low_16QAM_1@74	23.53	20.66	0.116	1	Pass
15MHz_Low_16QAM_36@0	20.04	17.17	0.052	1	Pass
15MHz_Low_16QAM_36@20	19.95	17.08	0.051	1	Pass
15MHz_Low_16QAM_36@39	19.89	17.02	0.050	1	Pass
15MHz_Low_16QAM_75@0	19.88	17.01	0.050	1	Pass
15MHz_Middle_QPSK_1@0	21.90	19.03	0.080	1	Pass
15MHz_Middle_QPSK_1@37	22.93	20.06	0.101	1	Pass
15MHz_Middle_QPSK_1@74	22.76	19.89	0.097	1	Pass
15MHz_Middle_QPSK_36@0	20.94	18.07	0.064	1	Pass
15MHz_Middle_QPSK_36@20	20.92	18.05	0.064	1	Pass
15MHz_Middle_QPSK_36@39	20.89	18.02	0.063	1	Pass
15MHz_Middle_QPSK_75@0	20.96	18.09	0.064	1	Pass
15MHz_Middle_16QAM_1@0	21.36	18.49	0.071	1	Pass
15MHz_Middle_16QAM_1@37	21.71	18.84	0.077	1	Pass
15MHz_Middle_16QAM_1@74	21.22	18.35	0.068	1	Pass
15MHz_Middle_16QAM_36@0	20.09	17.22	0.053	1	Pass
15MHz_Middle_16QAM_36@20	20.10	17.23	0.053	1	Pass
15MHz_Middle_16QAM_36@39	20.02	17.15	0.052	1	Pass
15MHz_Middle_16QAM_75@0	19.99	17.12	0.052	1	Pass
15MHz_High_QPSK_1@0	22.42	19.55	0.090	1	Pass
15MHz_High_QPSK_1@37	24.15	21.28	0.134	1	Pass
15MHz_High_QPSK_1@74	23.56	20.69	0.117	1	Pass
15MHz_High_QPSK_36@0	20.80	17.93	0.062	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	21.01	18.14	0.065	1	Pass
15MHz_High_QPSK_36@39	21.01	18.14	0.065	1	Pass
15MHz_High_QPSK_75@0	20.99	18.12	0.065	1	Pass
15MHz_High_16QAM_1@0	21.50	18.63	0.073	1	Pass
15MHz_High_16QAM_1@37	22.67	19.80	0.095	1	Pass
15MHz_High_16QAM_1@74	23.02	20.15	0.104	1	Pass
15MHz_High_16QAM_36@0	19.86	16.99	0.050	1	Pass
15MHz_High_16QAM_36@20	20.03	17.16	0.052	1	Pass
15MHz_High_16QAM_36@39	20.03	17.16	0.052	1	Pass
15MHz_High_16QAM_75@0	19.95	17.08	0.051	1	Pass
20MHz_Low_QPSK_1@0	21.83	18.96	0.079	1	Pass
20MHz_Low_QPSK_1@49	21.83	18.96	0.079	1	Pass
20MHz_Low_QPSK_1@99	21.68	18.81	0.076	1	Pass
20MHz_Low_QPSK_50@0	20.96	18.09	0.064	1	Pass
20MHz_Low_QPSK_50@24	20.97	18.10	0.065	1	Pass
20MHz_Low_QPSK_50@50	20.88	18.01	0.063	1	Pass
20MHz_Low_QPSK_100@0	20.98	18.11	0.065	1	Pass
20MHz_Low_16QAM_1@0	21.20	18.33	0.068	1	Pass
20MHz_Low_16QAM_1@49	21.18	18.31	0.068	1	Pass
20MHz_Low_16QAM_1@99	21.13	18.26	0.067	1	Pass
20MHz_Low_16QAM_50@0	19.94	17.07	0.051	1	Pass
20MHz_Low_16QAM_50@24	19.93	17.06	0.051	1	Pass
20MHz_Low_16QAM_50@50	19.84	16.97	0.050	1	Pass
20MHz_Low_16QAM_100@0	19.98	17.11	0.051	1	Pass
20MHz_Middle_QPSK_1@0	21.97	19.10	0.081	1	Pass
20MHz_Middle_QPSK_1@49	22.06	19.19	0.083	1	Pass
20MHz_Middle_QPSK_1@99	21.86	18.99	0.079	1	Pass
20MHz_Middle_QPSK_50@0	20.90	18.03	0.064	1	Pass
20MHz_Middle_QPSK_50@24	20.99	18.12	0.065	1	Pass
20MHz_Middle_QPSK_50@50	20.90	18.03	0.064	1	Pass
20MHz_Middle_QPSK_100@0	20.99	18.12	0.065	1	Pass
20MHz_Middle_16QAM_1@0	21.59	18.72	0.074	1	Pass
20MHz_Middle_16QAM_1@49	21.51	18.64	0.073	1	Pass
20MHz_Middle_16QAM_1@99	21.39	18.52	0.071	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	19.92	17.05	0.051	1	Pass
20MHz_Middle_16QAM_50@24	19.97	17.10	0.051	1	Pass
20MHz_Middle_16QAM_50@50	19.88	17.01	0.050	1	Pass
20MHz_Middle_16QAM_100@0	19.91	17.04	0.051	1	Pass
20MHz_High_QPSK_1@0	21.68	18.81	0.076	1	Pass
20MHz_High_QPSK_1@49	21.85	18.98	0.079	1	Pass
20MHz_High_QPSK_1@99	21.78	18.91	0.078	1	Pass
20MHz_High_QPSK_50@0	20.88	18.01	0.063	1	Pass
20MHz_High_QPSK_50@24	20.83	17.96	0.063	1	Pass
20MHz_High_QPSK_50@50	20.91	18.04	0.064	1	Pass
20MHz_High_QPSK_100@0	21	18.13	0.065	1	Pass
20MHz_High_16QAM_1@0	21.22	18.35	0.068	1	Pass
20MHz_High_16QAM_1@49	21.33	18.46	0.070	1	Pass
20MHz_High_16QAM_1@99	21.31	18.44	0.070	1	Pass
20MHz_High_16QAM_50@0	19.86	16.99	0.050	1	Pass
20MHz_High_16QAM_50@24	19.83	16.96	0.050	1	Pass
20MHz_High_16QAM_50@50	19.89	17.02	0.050	1	Pass
20MHz_High_16QAM_100@0	19.90	17.03	0.050	1	Pass

Note:

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

Band 4:

1.Antenna Gain = -2.87dBi;

2.Cable Loss = 0dB.

LTE Band 7, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.89	22.63	0.183	2	Pass
5MHz_Low_QPSK_1@12	21.75	22.49	0.177	2	Pass
5MHz_Low_QPSK_1@24	21.59	22.33	0.171	2	Pass
5MHz_Low_QPSK_12@0	20.75	21.49	0.141	2	Pass
5MHz_Low_QPSK_12@7	20.57	21.31	0.135	2	Pass
5MHz_Low_QPSK_12@13	20.54	21.28	0.134	2	Pass
5MHz_Low_QPSK_25@0	20.57	21.31	0.135	2	Pass
5MHz_Low_16QAM_1@0	21.35	22.09	0.162	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_1@12	21.22	21.96	0.157	2	Pass
5MHz_Low_16QAM_1@24	21.12	21.86	0.153	2	Pass
5MHz_Low_16QAM_12@0	19.83	20.57	0.114	2	Pass
5MHz_Low_16QAM_12@7	19.68	20.42	0.110	2	Pass
5MHz_Low_16QAM_12@13	19.64	20.38	0.109	2	Pass
5MHz_Low_16QAM_25@0	19.73	20.47	0.111	2	Pass
5MHz_Middle_QPSK_1@0	20.46	21.20	0.132	2	Pass
5MHz_Middle_QPSK_1@12	20.25	20.99	0.126	2	Pass
5MHz_Middle_QPSK_1@24	20.33	21.07	0.128	2	Pass
5MHz_Middle_QPSK_12@0	19.51	20.25	0.106	2	Pass
5MHz_Middle_QPSK_12@7	19.48	20.22	0.105	2	Pass
5MHz_Middle_QPSK_12@13	19.43	20.17	0.104	2	Pass
5MHz_Middle_QPSK_25@0	19.47	20.21	0.105	2	Pass
5MHz_Middle_16QAM_1@0	19.50	20.24	0.106	2	Pass
5MHz_Middle_16QAM_1@12	19.47	20.21	0.105	2	Pass
5MHz_Middle_16QAM_1@24	19.47	20.21	0.105	2	Pass
5MHz_Middle_16QAM_12@0	18.56	19.30	0.085	2	Pass
5MHz_Middle_16QAM_12@7	18.56	19.30	0.085	2	Pass
5MHz_Middle_16QAM_12@13	18.49	19.23	0.084	2	Pass
5MHz_Middle_16QAM_25@0	18.51	19.25	0.084	2	Pass
5MHz_High_QPSK_1@0	21.94	22.68	0.185	2	Pass
5MHz_High_QPSK_1@12	22.16	22.90	0.195	2	Pass
5MHz_High_QPSK_1@24	21.53	22.27	0.169	2	Pass
5MHz_High_QPSK_12@0	20.76	21.50	0.141	2	Pass
5MHz_High_QPSK_12@7	20.66	21.40	0.138	2	Pass
5MHz_High_QPSK_12@13	20.55	21.29	0.135	2	Pass
5MHz_High_QPSK_25@0	20.66	21.40	0.138	2	Pass
5MHz_High_16QAM_1@0	20.97	21.71	0.148	2	Pass
5MHz_High_16QAM_1@12	20.80	21.54	0.143	2	Pass
5MHz_High_16QAM_1@24	20.45	21.19	0.132	2	Pass
5MHz_High_16QAM_12@0	19.77	20.51	0.112	2	Pass
5MHz_High_16QAM_12@7	19.72	20.46	0.111	2	Pass
5MHz_High_16QAM_12@13	19.59	20.33	0.108	2	Pass
5MHz_High_16QAM_25@0	19.68	20.42	0.110	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@0	21.84	22.58	0.181	2	Pass
10MHz_Low_QPSK_1@25	21.23	21.97	0.157	2	Pass
10MHz_Low_QPSK_1@49	21.01	21.75	0.150	2	Pass
10MHz_Low_QPSK_25@0	20.67	21.41	0.138	2	Pass
10MHz_Low_QPSK_25@12	20.45	21.19	0.132	2	Pass
10MHz_Low_QPSK_25@25	20.34	21.08	0.128	2	Pass
10MHz_Low_QPSK_50@0	20.43	21.17	0.131	2	Pass
10MHz_Low_16QAM_1@0	20.72	21.46	0.140	2	Pass
10MHz_Low_16QAM_1@25	20.26	21.00	0.126	2	Pass
10MHz_Low_16QAM_1@49	19.90	20.64	0.116	2	Pass
10MHz_Low_16QAM_25@0	19.73	20.47	0.111	2	Pass
10MHz_Low_16QAM_25@12	19.52	20.26	0.106	2	Pass
10MHz_Low_16QAM_25@25	19.42	20.16	0.104	2	Pass
10MHz_Low_16QAM_50@0	19.46	20.20	0.105	2	Pass
10MHz_Middle_QPSK_1@0	20.48	21.22	0.132	2	Pass
10MHz_Middle_QPSK_1@25	20.36	21.10	0.129	2	Pass
10MHz_Middle_QPSK_1@49	20.53	21.27	0.134	2	Pass
10MHz_Middle_QPSK_25@0	19.49	20.23	0.105	2	Pass
10MHz_Middle_QPSK_25@12	19.47	20.21	0.105	2	Pass
10MHz_Middle_QPSK_25@25	19.52	20.26	0.106	2	Pass
10MHz_Middle_QPSK_50@0	19.49	20.23	0.105	2	Pass
10MHz_Middle_16QAM_1@0	19.51	20.25	0.106	2	Pass
10MHz_Middle_16QAM_1@25	19.46	20.20	0.105	2	Pass
10MHz_Middle_16QAM_1@49	19.58	20.32	0.108	2	Pass
10MHz_Middle_16QAM_25@0	18.55	19.29	0.085	2	Pass
10MHz_Middle_16QAM_25@12	18.49	19.23	0.084	2	Pass
10MHz_Middle_16QAM_25@25	18.61	19.35	0.086	2	Pass
10MHz_Middle_16QAM_50@0	18.47	19.21	0.083	2	Pass
10MHz_High_QPSK_1@0	22.27	23.01	0.200	2	Pass
10MHz_High_QPSK_1@25	21.96	22.70	0.186	2	Pass
10MHz_High_QPSK_1@49	21.67	22.41	0.174	2	Pass
10MHz_High_QPSK_25@0	20.90	21.64	0.146	2	Pass
10MHz_High_QPSK_25@12	20.78	21.52	0.142	2	Pass
10MHz_High_QPSK_25@25	20.64	21.38	0.137	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_50@0	20.77	21.51	0.142	2	Pass
10MHz_High_16QAM_1@0	21.41	22.15	0.164	2	Pass
10MHz_High_16QAM_1@25	21.25	21.99	0.158	2	Pass
10MHz_High_16QAM_1@49	20.99	21.73	0.149	2	Pass
10MHz_High_16QAM_25@0	19.90	20.64	0.116	2	Pass
10MHz_High_16QAM_25@12	19.81	20.55	0.114	2	Pass
10MHz_High_16QAM_25@25	19.66	20.40	0.110	2	Pass
10MHz_High_16QAM_50@0	19.78	20.52	0.113	2	Pass
15MHz_Low_QPSK_1@0	21.89	22.63	0.183	2	Pass
15MHz_Low_QPSK_1@37	22.49	23.23	0.210	2	Pass
15MHz_Low_QPSK_1@74	20.94	21.68	0.147	2	Pass
15MHz_Low_QPSK_36@0	20.64	21.38	0.137	2	Pass
15MHz_Low_QPSK_36@20	20.47	21.21	0.132	2	Pass
15MHz_Low_QPSK_36@39	20.08	20.82	0.121	2	Pass
15MHz_Low_QPSK_75@0	20.39	21.13	0.130	2	Pass
15MHz_Low_16QAM_1@0	20.80	21.54	0.143	2	Pass
15MHz_Low_16QAM_1@37	21.66	22.40	0.174	2	Pass
15MHz_Low_16QAM_1@74	19.91	20.65	0.116	2	Pass
15MHz_Low_16QAM_36@0	19.58	20.32	0.108	2	Pass
15MHz_Low_16QAM_36@20	19.42	20.16	0.104	2	Pass
15MHz_Low_16QAM_36@39	19.09	19.83	0.096	2	Pass
15MHz_Low_16QAM_75@0	19.36	20.10	0.102	2	Pass
15MHz_Middle_QPSK_1@0	20.36	21.10	0.129	2	Pass
15MHz_Middle_QPSK_1@37	20.78	21.52	0.142	2	Pass
15MHz_Middle_QPSK_1@74	20.47	21.21	0.132	2	Pass
15MHz_Middle_QPSK_36@0	19.49	20.23	0.105	2	Pass
15MHz_Middle_QPSK_36@20	19.59	20.33	0.108	2	Pass
15MHz_Middle_QPSK_36@39	19.65	20.39	0.109	2	Pass
15MHz_Middle_QPSK_75@0	19.56	20.30	0.107	2	Pass
15MHz_Middle_16QAM_1@0	19.57	20.31	0.107	2	Pass
15MHz_Middle_16QAM_1@37	20.09	20.83	0.121	2	Pass
15MHz_Middle_16QAM_1@74	19.69	20.43	0.110	2	Pass
15MHz_Middle_16QAM_36@0	18.54	19.28	0.085	2	Pass
15MHz_Middle_16QAM_36@20	18.63	19.37	0.086	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_16QAM_36@39	18.64	19.38	0.087	2	Pass
15MHz_Middle_16QAM_75@0	18.55	19.29	0.085	2	Pass
15MHz_High_QPSK_1@0	21.89	22.63	0.183	2	Pass
15MHz_High_QPSK_1@37	22.53	23.27	0.212	2	Pass
15MHz_High_QPSK_1@74	21.53	22.27	0.169	2	Pass
15MHz_High_QPSK_36@0	20.87	21.61	0.145	2	Pass
15MHz_High_QPSK_36@20	20.90	21.64	0.146	2	Pass
15MHz_High_QPSK_36@39	20.68	21.42	0.139	2	Pass
15MHz_High_QPSK_75@0	20.86	21.60	0.145	2	Pass
15MHz_High_16QAM_1@0	21.26	22.00	0.158	2	Pass
15MHz_High_16QAM_1@37	21.40	22.14	0.164	2	Pass
15MHz_High_16QAM_1@74	20.84	21.58	0.144	2	Pass
15MHz_High_16QAM_36@0	19.88	20.62	0.115	2	Pass
15MHz_High_16QAM_36@20	19.90	20.64	0.116	2	Pass
15MHz_High_16QAM_36@39	19.65	20.39	0.109	2	Pass
15MHz_High_16QAM_75@0	19.74	20.48	0.112	2	Pass
20MHz_Low_QPSK_1@0	21.36	22.10	0.162	2	Pass
20MHz_Low_QPSK_1@49	20.90	21.64	0.146	2	Pass
20MHz_Low_QPSK_1@99	20.17	20.91	0.123	2	Pass
20MHz_Low_QPSK_50@0	20.38	21.12	0.129	2	Pass
20MHz_Low_QPSK_50@24	20.20	20.94	0.124	2	Pass
20MHz_Low_QPSK_50@50	19.86	20.60	0.115	2	Pass
20MHz_Low_QPSK_100@0	20.18	20.92	0.124	2	Pass
20MHz_Low_16QAM_1@0	20.97	21.71	0.148	2	Pass
20MHz_Low_16QAM_1@49	20.54	21.28	0.134	2	Pass
20MHz_Low_16QAM_1@99	19.73	20.47	0.111	2	Pass
20MHz_Low_16QAM_50@0	19.32	20.06	0.101	2	Pass
20MHz_Low_16QAM_50@24	19.14	19.88	0.097	2	Pass
20MHz_Low_16QAM_50@50	18.78	19.52	0.090	2	Pass
20MHz_Low_16QAM_100@0	19.15	19.89	0.097	2	Pass
20MHz_Middle_QPSK_1@0	20.35	21.09	0.129	2	Pass
20MHz_Middle_QPSK_1@49	20.48	21.22	0.132	2	Pass
20MHz_Middle_QPSK_1@99	20.59	21.33	0.136	2	Pass
20MHz_Middle_QPSK_50@0	19.39	20.13	0.103	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_50@24	19.45	20.19	0.104	2	Pass
20MHz_Middle_QPSK_50@50	19.59	20.33	0.108	2	Pass
20MHz_Middle_QPSK_100@0	19.46	20.20	0.105	2	Pass
20MHz_Middle_16QAM_1@0	20.13	20.87	0.122	2	Pass
20MHz_Middle_16QAM_1@49	20.16	20.90	0.123	2	Pass
20MHz_Middle_16QAM_1@99	20.22	20.96	0.125	2	Pass
20MHz_Middle_16QAM_50@0	18.33	19.07	0.081	2	Pass
20MHz_Middle_16QAM_50@24	18.49	19.23	0.084	2	Pass
20MHz_Middle_16QAM_50@50	18.60	19.34	0.086	2	Pass
20MHz_Middle_16QAM_100@0	18.44	19.18	0.083	2	Pass
20MHz_High_QPSK_1@0	21.14	21.88	0.154	2	Pass
20MHz_High_QPSK_1@49	21.68	22.42	0.175	2	Pass
20MHz_High_QPSK_1@99	21.12	21.86	0.153	2	Pass
20MHz_High_QPSK_50@0	20.55	21.29	0.135	2	Pass
20MHz_High_QPSK_50@24	20.72	21.46	0.140	2	Pass
20MHz_High_QPSK_50@50	20.60	21.34	0.136	2	Pass
20MHz_High_QPSK_100@0	20.59	21.33	0.136	2	Pass
20MHz_High_16QAM_1@0	20.69	21.43	0.139	2	Pass
20MHz_High_16QAM_1@49	21.15	21.89	0.155	2	Pass
20MHz_High_16QAM_1@99	20.56	21.30	0.135	2	Pass
20MHz_High_16QAM_50@0	19.59	20.33	0.108	2	Pass
20MHz_High_16QAM_50@24	19.80	20.54	0.113	2	Pass
20MHz_High_16QAM_50@50	19.59	20.33	0.108	2	Pass
20MHz_High_16QAM_100@0	19.65	20.39	0.109	2	Pass

Note:

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

Band 7:

1.Antenna Gain = 0.74dBi;

2.Cable Loss = 0dB.

LTE Band 38, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.55	22.29	0.169	2	Pass
5MHz_Low_QPSK_1@12	21.18	21.92	0.156	2	Pass
5MHz_Low_QPSK_1@24	20.81	21.55	0.143	2	Pass
5MHz_Low_QPSK_12@0	20.27	21.01	0.126	2	Pass
5MHz_Low_QPSK_12@7	20.22	20.96	0.125	2	Pass
5MHz_Low_QPSK_12@13	20.08	20.82	0.121	2	Pass
5MHz_Low_QPSK_25@0	20.25	20.99	0.126	2	Pass
5MHz_Low_16QAM_1@0	20.50	21.24	0.133	2	Pass
5MHz_Low_16QAM_1@12	20.03	20.77	0.119	2	Pass
5MHz_Low_16QAM_1@24	19.99	20.73	0.118	2	Pass
5MHz_Low_16QAM_12@0	19.37	20.11	0.103	2	Pass
5MHz_Low_16QAM_12@7	19.27	20.01	0.100	2	Pass
5MHz_Low_16QAM_12@13	19.12	19.86	0.097	2	Pass
5MHz_Low_16QAM_25@0	19.16	19.90	0.098	2	Pass
5MHz_Middle_QPSK_1@0	19.75	20.49	0.112	2	Pass
5MHz_Middle_QPSK_1@12	20.20	20.94	0.124	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@24	19.90	20.64	0.116	2	Pass
5MHz_Middle_QPSK_12@0	19.05	19.79	0.095	2	Pass
5MHz_Middle_QPSK_12@7	19.01	19.75	0.094	2	Pass
5MHz_Middle_QPSK_12@13	18.93	19.67	0.093	2	Pass
5MHz_Middle_QPSK_25@0	18.85	19.59	0.091	2	Pass
5MHz_Middle_16QAM_1@0	19.10	19.84	0.096	2	Pass
5MHz_Middle_16QAM_1@12	19.32	20.06	0.101	2	Pass
5MHz_Middle_16QAM_1@24	18.92	19.66	0.092	2	Pass
5MHz_Middle_16QAM_12@0	17.89	18.63	0.073	2	Pass
5MHz_Middle_16QAM_12@7	17.86	18.60	0.072	2	Pass
5MHz_Middle_16QAM_12@13	17.79	18.53	0.071	2	Pass
5MHz_Middle_16QAM_25@0	17.96	18.70	0.074	2	Pass
5MHz_High_QPSK_1@0	21.15	21.89	0.155	2	Pass
5MHz_High_QPSK_1@12	21.12	21.86	0.153	2	Pass
5MHz_High_QPSK_1@24	21.27	22.01	0.159	2	Pass
5MHz_High_QPSK_12@0	20.06	20.80	0.120	2	Pass
5MHz_High_QPSK_12@7	20.15	20.89	0.123	2	Pass
5MHz_High_QPSK_12@13	20.14	20.88	0.122	2	Pass
5MHz_High_QPSK_25@0	20.11	20.85	0.122	2	Pass
5MHz_High_16QAM_1@0	20.15	20.89	0.123	2	Pass
5MHz_High_16QAM_1@12	20.34	21.08	0.128	2	Pass
5MHz_High_16QAM_1@24	20.23	20.97	0.125	2	Pass
5MHz_High_16QAM_12@0	18.99	19.73	0.094	2	Pass
5MHz_High_16QAM_12@7	19.10	19.84	0.096	2	Pass
5MHz_High_16QAM_12@13	19.06	19.80	0.095	2	Pass
5MHz_High_16QAM_25@0	19.17	19.91	0.098	2	Pass
10MHz_Low_QPSK_1@0	21.56	22.30	0.170	2	Pass
10MHz_Low_QPSK_1@25	20.91	21.65	0.146	2	Pass
10MHz_Low_QPSK_1@49	20.62	21.36	0.137	2	Pass
10MHz_Low_QPSK_25@0	20.30	21.04	0.127	2	Pass
10MHz_Low_QPSK_25@12	20	20.74	0.119	2	Pass
10MHz_Low_QPSK_25@25	19.82	20.56	0.114	2	Pass
10MHz_Low_QPSK_50@0	20.07	20.81	0.121	2	Pass
10MHz_Low_16QAM_1@0	20.48	21.22	0.132	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_16QAM_1@25	19.81	20.55	0.114	2	Pass
10MHz_Low_16QAM_1@49	19.40	20.14	0.103	2	Pass
10MHz_Low_16QAM_25@0	19.19	19.93	0.098	2	Pass
10MHz_Low_16QAM_25@12	19	19.74	0.094	2	Pass
10MHz_Low_16QAM_25@25	18.76	19.50	0.089	2	Pass
10MHz_Low_16QAM_50@0	19	19.74	0.094	2	Pass
10MHz_Middle_QPSK_1@0	20.15	20.89	0.123	2	Pass
10MHz_Middle_QPSK_1@25	20.11	20.85	0.122	2	Pass
10MHz_Middle_QPSK_1@49	20.07	20.81	0.121	2	Pass
10MHz_Middle_QPSK_25@0	19.02	19.76	0.095	2	Pass
10MHz_Middle_QPSK_25@12	18.89	19.63	0.092	2	Pass
10MHz_Middle_QPSK_25@25	18.91	19.65	0.092	2	Pass
10MHz_Middle_QPSK_50@0	18.93	19.67	0.093	2	Pass
10MHz_Middle_16QAM_1@0	19.32	20.06	0.101	2	Pass
10MHz_Middle_16QAM_1@25	19.28	20.02	0.100	2	Pass
10MHz_Middle_16QAM_1@49	19.28	20.02	0.100	2	Pass
10MHz_Middle_16QAM_25@0	18.11	18.85	0.077	2	Pass
10MHz_Middle_16QAM_25@12	17.94	18.68	0.074	2	Pass
10MHz_Middle_16QAM_25@25	17.99	18.73	0.075	2	Pass
10MHz_Middle_16QAM_50@0	18.01	18.75	0.075	2	Pass
10MHz_High_QPSK_1@0	20.79	21.53	0.142	2	Pass
10MHz_High_QPSK_1@25	21.33	22.07	0.161	2	Pass
10MHz_High_QPSK_1@49	21.50	22.24	0.167	2	Pass
10MHz_High_QPSK_25@0	19.76	20.50	0.112	2	Pass
10MHz_High_QPSK_25@12	19.95	20.69	0.117	2	Pass
10MHz_High_QPSK_25@25	20.23	20.97	0.125	2	Pass
10MHz_High_QPSK_50@0	19.97	20.71	0.118	2	Pass
10MHz_High_16QAM_1@0	19.80	20.54	0.113	2	Pass
10MHz_High_16QAM_1@25	20.38	21.12	0.129	2	Pass
10MHz_High_16QAM_1@49	20.57	21.31	0.135	2	Pass
10MHz_High_16QAM_25@0	18.85	19.59	0.091	2	Pass
10MHz_High_16QAM_25@12	18.90	19.64	0.092	2	Pass
10MHz_High_16QAM_25@25	19.21	19.95	0.099	2	Pass
10MHz_High_16QAM_50@0	19.01	19.75	0.094	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Low_QPSK_1@0	21.64	22.38	0.173	2	Pass
15MHz_Low_QPSK_1@37	20.86	21.60	0.145	2	Pass
15MHz_Low_QPSK_1@74	20.38	21.12	0.129	2	Pass
15MHz_Low_QPSK_36@0	20.10	20.84	0.121	2	Pass
15MHz_Low_QPSK_36@20	19.84	20.58	0.114	2	Pass
15MHz_Low_QPSK_36@39	19.40	20.14	0.103	2	Pass
15MHz_Low_QPSK_75@0	19.86	20.60	0.115	2	Pass
15MHz_Low_16QAM_1@0	20.25	20.99	0.126	2	Pass
15MHz_Low_16QAM_1@37	20.32	21.06	0.128	2	Pass
15MHz_Low_16QAM_1@74	20.93	21.67	0.147	2	Pass
15MHz_Low_16QAM_36@0	19.15	19.89	0.097	2	Pass
15MHz_Low_16QAM_36@20	18.86	19.60	0.091	2	Pass
15MHz_Low_16QAM_36@39	18.69	19.43	0.088	2	Pass
15MHz_Low_16QAM_75@0	18.71	19.45	0.088	2	Pass
15MHz_Middle_QPSK_1@0	20.01	20.75	0.119	2	Pass
15MHz_Middle_QPSK_1@37	20.33	21.07	0.128	2	Pass
15MHz_Middle_QPSK_1@74	20.27	21.01	0.126	2	Pass
15MHz_Middle_QPSK_36@0	18.87	19.61	0.091	2	Pass
15MHz_Middle_QPSK_36@20	18.87	19.61	0.091	2	Pass
15MHz_Middle_QPSK_36@39	18.87	19.61	0.091	2	Pass
15MHz_Middle_QPSK_75@0	18.90	19.64	0.092	2	Pass
15MHz_Middle_16QAM_1@0	19.04	19.78	0.095	2	Pass
15MHz_Middle_16QAM_1@37	18.84	19.58	0.091	2	Pass
15MHz_Middle_16QAM_1@74	19.07	19.81	0.096	2	Pass
15MHz_Middle_16QAM_36@0	17.79	18.53	0.071	2	Pass
15MHz_Middle_16QAM_36@20	17.73	18.47	0.070	2	Pass
15MHz_Middle_16QAM_36@39	17.93	18.67	0.074	2	Pass
15MHz_Middle_16QAM_75@0	17.96	18.70	0.074	2	Pass
15MHz_High_QPSK_1@0	20.50	21.24	0.133	2	Pass
15MHz_High_QPSK_1@37	21.56	22.30	0.170	2	Pass
15MHz_High_QPSK_1@74	22.03	22.77	0.189	2	Pass
15MHz_High_QPSK_36@0	19.56	20.30	0.107	2	Pass
15MHz_High_QPSK_36@20	19.68	20.42	0.110	2	Pass
15MHz_High_QPSK_36@39	20.03	20.77	0.119	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_75@0	19.63	20.37	0.109	2	Pass
15MHz_High_16QAM_1@0	19.41	20.15	0.104	2	Pass
15MHz_High_16QAM_1@37	20.26	21.00	0.126	2	Pass
15MHz_High_16QAM_1@74	20.66	21.40	0.138	2	Pass
15MHz_High_16QAM_36@0	18.51	19.25	0.084	2	Pass
15MHz_High_16QAM_36@20	18.80	19.54	0.090	2	Pass
15MHz_High_16QAM_36@39	19.14	19.88	0.097	2	Pass
15MHz_High_16QAM_75@0	18.67	19.41	0.087	2	Pass
20MHz_Low_QPSK_1@0	21.44	22.18	0.165	2	Pass
20MHz_Low_QPSK_1@49	20.69	21.43	0.139	2	Pass
20MHz_Low_QPSK_1@99	20.06	20.80	0.120	2	Pass
20MHz_Low_QPSK_50@0	20.02	20.76	0.119	2	Pass
20MHz_Low_QPSK_50@24	19.76	20.50	0.112	2	Pass
20MHz_Low_QPSK_50@50	19.27	20.01	0.100	2	Pass
20MHz_Low_QPSK_100@0	19.91	20.65	0.116	2	Pass
20MHz_Low_16QAM_1@0	20.47	21.21	0.132	2	Pass
20MHz_Low_16QAM_1@49	19.53	20.27	0.106	2	Pass
20MHz_Low_16QAM_1@99	19.02	19.76	0.095	2	Pass
20MHz_Low_16QAM_50@0	19	19.74	0.094	2	Pass
20MHz_Low_16QAM_50@24	18.48	19.22	0.084	2	Pass
20MHz_Low_16QAM_50@50	18.28	19.02	0.080	2	Pass
20MHz_Low_16QAM_100@0	18.82	19.56	0.090	2	Pass
20MHz_Middle_QPSK_1@0	20.12	20.86	0.122	2	Pass
20MHz_Middle_QPSK_1@49	19.79	20.53	0.113	2	Pass
20MHz_Middle_QPSK_1@99	20.21	20.95	0.124	2	Pass
20MHz_Middle_QPSK_50@0	18.95	19.69	0.093	2	Pass
20MHz_Middle_QPSK_50@24	18.88	19.62	0.092	2	Pass
20MHz_Middle_QPSK_50@50	18.92	19.66	0.092	2	Pass
20MHz_Middle_QPSK_100@0	18.90	19.64	0.092	2	Pass
20MHz_Middle_16QAM_1@0	19.08	19.82	0.096	2	Pass
20MHz_Middle_16QAM_1@49	18.78	19.52	0.090	2	Pass
20MHz_Middle_16QAM_1@99	19.15	19.89	0.097	2	Pass
20MHz_Middle_16QAM_50@0	17.92	18.66	0.073	2	Pass
20MHz_Middle_16QAM_50@24	17.88	18.62	0.073	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@50	17.95	18.69	0.074	2	Pass
20MHz_Middle_16QAM_100@0	17.97	18.71	0.074	2	Pass
20MHz_High_QPSK_1@0	20	20.74	0.119	2	Pass
20MHz_High_QPSK_1@49	20.60	21.34	0.136	2	Pass
20MHz_High_QPSK_1@99	21.44	22.18	0.165	2	Pass
20MHz_High_QPSK_50@0	19.24	19.98	0.100	2	Pass
20MHz_High_QPSK_50@24	19.45	20.19	0.104	2	Pass
20MHz_High_QPSK_50@50	19.83	20.57	0.114	2	Pass
20MHz_High_QPSK_100@0	19.63	20.37	0.109	2	Pass
20MHz_High_16QAM_1@0	18.80	19.54	0.090	2	Pass
20MHz_High_16QAM_1@49	19.37	20.11	0.103	2	Pass
20MHz_High_16QAM_1@99	20.24	20.98	0.125	2	Pass
20MHz_High_16QAM_50@0	18.39	19.13	0.082	2	Pass
20MHz_High_16QAM_50@24	18.61	19.35	0.086	2	Pass
20MHz_High_16QAM_50@50	18.79	19.53	0.090	2	Pass
20MHz_High_16QAM_100@0	18.42	19.16	0.082	2	Pass

Note:

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

Band 38:

1.Antenna Gain = 0.74dBi;

2.Cable Loss = 0dB.

LTE Band 41, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	21.63	22.37	0.173	2	Pass
5MHz_Low_QPSK_1@12	21.45	22.19	0.166	2	Pass
5MHz_Low_QPSK_1@24	21.25	21.99	0.158	2	Pass
5MHz_Low_QPSK_12@0	21.50	22.24	0.167	2	Pass
5MHz_Low_QPSK_12@7	21.51	22.25	0.168	2	Pass
5MHz_Low_QPSK_12@13	21.42	22.16	0.164	2	Pass
5MHz_Low_QPSK_25@0	21.49	22.23	0.167	2	Pass
5MHz_Low_16QAM_1@0	21.93	22.67	0.185	2	Pass
5MHz_Low_16QAM_1@12	21.81	22.55	0.180	2	Pass
5MHz_Low_16QAM_1@24	21.32	22.06	0.161	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_12@0	21.57	22.31	0.170	2	Pass
5MHz_Low_16QAM_12@7	21.47	22.21	0.166	2	Pass
5MHz_Low_16QAM_12@13	21.43	22.17	0.165	2	Pass
5MHz_Low_16QAM_25@0	21.46	22.20	0.166	2	Pass
5MHz_Middle_QPSK_1@0	20.12	20.86	0.122	2	Pass
5MHz_Middle_QPSK_1@12	20.23	20.97	0.125	2	Pass
5MHz_Middle_QPSK_1@24	20.01	20.75	0.119	2	Pass
5MHz_Middle_QPSK_12@0	20.18	20.92	0.124	2	Pass
5MHz_Middle_QPSK_12@7	20.08	20.82	0.121	2	Pass
5MHz_Middle_QPSK_12@13	20.08	20.82	0.121	2	Pass
5MHz_Middle_QPSK_25@0	20.09	20.83	0.121	2	Pass
5MHz_Middle_16QAM_1@0	19.92	20.66	0.116	2	Pass
5MHz_Middle_16QAM_1@12	20.51	21.25	0.133	2	Pass
5MHz_Middle_16QAM_1@24	20.24	20.98	0.125	2	Pass
5MHz_Middle_16QAM_12@0	20.25	20.99	0.126	2	Pass
5MHz_Middle_16QAM_12@7	20.15	20.89	0.123	2	Pass
5MHz_Middle_16QAM_12@13	20.08	20.82	0.121	2	Pass
5MHz_Middle_16QAM_25@0	20.26	21.00	0.126	2	Pass
5MHz_High_QPSK_1@0	20.83	21.57	0.144	2	Pass
5MHz_High_QPSK_1@12	21.16	21.90	0.155	2	Pass
5MHz_High_QPSK_1@24	21.25	21.99	0.158	2	Pass
5MHz_High_QPSK_12@0	21.01	21.75	0.150	2	Pass
5MHz_High_QPSK_12@7	20.84	21.58	0.144	2	Pass
5MHz_High_QPSK_12@13	21.22	21.96	0.157	2	Pass
5MHz_High_QPSK_25@0	21.01	21.75	0.150	2	Pass
5MHz_High_16QAM_1@0	20.97	21.71	0.148	2	Pass
5MHz_High_16QAM_1@12	20.95	21.69	0.148	2	Pass
5MHz_High_16QAM_1@24	21.24	21.98	0.158	2	Pass
5MHz_High_16QAM_12@0	21.06	21.80	0.151	2	Pass
5MHz_High_16QAM_12@7	21	21.74	0.149	2	Pass
5MHz_High_16QAM_12@13	21.07	21.81	0.152	2	Pass
5MHz_High_16QAM_25@0	20.90	21.64	0.146	2	Pass
10MHz_Low_QPSK_1@0	21.09	21.83	0.152	2	Pass
10MHz_Low_QPSK_1@25	20.59	21.33	0.136	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@49	20.31	21.05	0.127	2	Pass
10MHz_Low_QPSK_25@0	20.70	21.44	0.139	2	Pass
10MHz_Low_QPSK_25@12	20.59	21.33	0.136	2	Pass
10MHz_Low_QPSK_25@25	20.59	21.33	0.136	2	Pass
10MHz_Low_QPSK_50@0	20.71	21.45	0.140	2	Pass
10MHz_Low_16QAM_1@0	21.12	21.86	0.153	2	Pass
10MHz_Low_16QAM_1@25	20.63	21.37	0.137	2	Pass
10MHz_Low_16QAM_1@49	20.33	21.07	0.128	2	Pass
10MHz_Low_16QAM_25@0	20.82	21.56	0.143	2	Pass
10MHz_Low_16QAM_25@12	20.65	21.39	0.138	2	Pass
10MHz_Low_16QAM_25@25	20.61	21.35	0.136	2	Pass
10MHz_Low_16QAM_50@0	20.75	21.49	0.141	2	Pass
10MHz_Middle_QPSK_1@0	19.42	20.16	0.104	2	Pass
10MHz_Middle_QPSK_1@25	19.48	20.22	0.105	2	Pass
10MHz_Middle_QPSK_1@49	19.26	20.00	0.100	2	Pass
10MHz_Middle_QPSK_25@0	19.48	20.22	0.105	2	Pass
10MHz_Middle_QPSK_25@12	19.39	20.13	0.103	2	Pass
10MHz_Middle_QPSK_25@25	19.42	20.16	0.104	2	Pass
10MHz_Middle_QPSK_50@0	19.51	20.25	0.106	2	Pass
10MHz_Middle_16QAM_1@0	19.39	20.13	0.103	2	Pass
10MHz_Middle_16QAM_1@25	19.07	19.81	0.096	2	Pass
10MHz_Middle_16QAM_1@49	19.20	19.94	0.099	2	Pass
10MHz_Middle_16QAM_25@0	19.40	20.14	0.103	2	Pass
10MHz_Middle_16QAM_25@12	19.33	20.07	0.102	2	Pass
10MHz_Middle_16QAM_25@25	19.41	20.15	0.104	2	Pass
10MHz_Middle_16QAM_50@0	19.54	20.28	0.107	2	Pass
10MHz_High_QPSK_1@0	19.60	20.34	0.108	2	Pass
10MHz_High_QPSK_1@25	20.06	20.80	0.120	2	Pass
10MHz_High_QPSK_1@49	20.52	21.26	0.134	2	Pass
10MHz_High_QPSK_25@0	19.82	20.56	0.114	2	Pass
10MHz_High_QPSK_25@12	19.97	20.71	0.118	2	Pass
10MHz_High_QPSK_25@25	20.20	20.94	0.124	2	Pass
10MHz_High_QPSK_50@0	19.95	20.69	0.117	2	Pass
10MHz_High_16QAM_1@0	19.87	20.61	0.115	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_1@25	20.26	21.00	0.126	2	Pass
10MHz_High_16QAM_1@49	20.82	21.56	0.143	2	Pass
10MHz_High_16QAM_25@0	19.85	20.59	0.115	2	Pass
10MHz_High_16QAM_25@12	20.06	20.80	0.120	2	Pass
10MHz_High_16QAM_25@25	20.12	20.86	0.122	2	Pass
10MHz_High_16QAM_50@0	20.08	20.82	0.121	2	Pass
15MHz_Low_QPSK_1@0	20.90	21.64	0.146	2	Pass
15MHz_Low_QPSK_1@37	21.44	22.18	0.165	2	Pass
15MHz_Low_QPSK_1@74	20.84	21.58	0.144	2	Pass
15MHz_Low_QPSK_36@0	20.93	21.67	0.147	2	Pass
15MHz_Low_QPSK_36@20	20.88	21.62	0.145	2	Pass
15MHz_Low_QPSK_36@39	20.63	21.37	0.137	2	Pass
15MHz_Low_QPSK_75@0	20.64	21.38	0.137	2	Pass
15MHz_Low_16QAM_1@0	21.35	22.09	0.162	2	Pass
15MHz_Low_16QAM_1@37	21.39	22.13	0.163	2	Pass
15MHz_Low_16QAM_1@74	22.56	23.30	0.214	2	Pass
15MHz_Low_16QAM_36@0	21.24	21.98	0.158	2	Pass
15MHz_Low_16QAM_36@20	20.79	21.53	0.142	2	Pass
15MHz_Low_16QAM_36@39	20.70	21.44	0.139	2	Pass
15MHz_Low_16QAM_75@0	20.40	21.14	0.130	2	Pass
15MHz_Middle_QPSK_1@0	19.95	20.69	0.117	2	Pass
15MHz_Middle_QPSK_1@37	20.31	21.05	0.127	2	Pass
15MHz_Middle_QPSK_1@74	20.09	20.83	0.121	2	Pass
15MHz_Middle_QPSK_36@0	19.71	20.45	0.111	2	Pass
15MHz_Middle_QPSK_36@20	19.63	20.37	0.109	2	Pass
15MHz_Middle_QPSK_36@39	19.60	20.34	0.108	2	Pass
15MHz_Middle_QPSK_75@0	19.53	20.27	0.106	2	Pass
15MHz_Middle_16QAM_1@0	19.84	20.58	0.114	2	Pass
15MHz_Middle_16QAM_1@37	19.87	20.61	0.115	2	Pass
15MHz_Middle_16QAM_1@74	20.15	20.89	0.123	2	Pass
15MHz_Middle_16QAM_36@0	19.64	20.38	0.109	2	Pass
15MHz_Middle_16QAM_36@20	19.55	20.29	0.107	2	Pass
15MHz_Middle_16QAM_36@39	19.56	20.30	0.107	2	Pass
15MHz_Middle_16QAM_75@0	19.61	20.35	0.108	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_1@0	19.67	20.41	0.110	2	Pass
15MHz_High_QPSK_1@37	20.16	20.90	0.123	2	Pass
15MHz_High_QPSK_1@74	20.86	21.60	0.145	2	Pass
15MHz_High_QPSK_36@0	19.70	20.44	0.111	2	Pass
15MHz_High_QPSK_36@20	20.09	20.83	0.121	2	Pass
15MHz_High_QPSK_36@39	20.29	21.03	0.127	2	Pass
15MHz_High_QPSK_75@0	20.04	20.78	0.120	2	Pass
15MHz_High_16QAM_1@0	20.03	20.77	0.119	2	Pass
15MHz_High_16QAM_1@37	19.98	20.72	0.118	2	Pass
15MHz_High_16QAM_1@74	20.79	21.53	0.142	2	Pass
15MHz_High_16QAM_36@0	19.78	20.52	0.113	2	Pass
15MHz_High_16QAM_36@20	20.20	20.94	0.124	2	Pass
15MHz_High_16QAM_36@39	20.39	21.13	0.130	2	Pass
15MHz_High_16QAM_75@0	20.05	20.79	0.120	2	Pass
20MHz_Low_QPSK_1@0	21.16	21.90	0.155	2	Pass
20MHz_Low_QPSK_1@49	20.74	21.48	0.141	2	Pass
20MHz_Low_QPSK_1@99	20.09	20.83	0.121	2	Pass
20MHz_Low_QPSK_50@0	20.77	21.51	0.142	2	Pass
20MHz_Low_QPSK_50@24	20.74	21.48	0.141	2	Pass
20MHz_Low_QPSK_50@50	20.33	21.07	0.128	2	Pass
20MHz_Low_QPSK_100@0	20.55	21.29	0.135	2	Pass
20MHz_Low_16QAM_1@0	21.17	21.91	0.155	2	Pass
20MHz_Low_16QAM_1@49	20.87	21.61	0.145	2	Pass
20MHz_Low_16QAM_1@99	20.02	20.76	0.119	2	Pass
20MHz_Low_16QAM_50@0	21.21	21.95	0.157	2	Pass
20MHz_Low_16QAM_50@24	20.74	21.48	0.141	2	Pass
20MHz_Low_16QAM_50@50	20.34	21.08	0.128	2	Pass
20MHz_Low_16QAM_100@0	20.74	21.48	0.141	2	Pass
20MHz_Middle_QPSK_1@0	19.75	20.49	0.112	2	Pass
20MHz_Middle_QPSK_1@49	19.73	20.47	0.111	2	Pass
20MHz_Middle_QPSK_1@99	19.63	20.37	0.109	2	Pass
20MHz_Middle_QPSK_50@0	19.68	20.42	0.110	2	Pass
20MHz_Middle_QPSK_50@24	19.69	20.43	0.110	2	Pass
20MHz_Middle_QPSK_50@50	19.45	20.19	0.104	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_100@0	19.66	20.40	0.110	2	Pass
20MHz_Middle_16QAM_1@0	19.76	20.50	0.112	2	Pass
20MHz_Middle_16QAM_1@49	19.32	20.06	0.101	2	Pass
20MHz_Middle_16QAM_1@99	19.43	20.17	0.104	2	Pass
20MHz_Middle_16QAM_50@0	19.85	20.59	0.115	2	Pass
20MHz_Middle_16QAM_50@24	19.69	20.43	0.110	2	Pass
20MHz_Middle_16QAM_50@50	19.65	20.39	0.109	2	Pass
20MHz_Middle_16QAM_100@0	19.72	20.46	0.111	2	Pass
20MHz_High_QPSK_1@0	19.46	20.20	0.105	2	Pass
20MHz_High_QPSK_1@49	19.89	20.63	0.116	2	Pass
20MHz_High_QPSK_1@99	20.60	21.34	0.136	2	Pass
20MHz_High_QPSK_50@0	19.42	20.16	0.104	2	Pass
20MHz_High_QPSK_50@24	19.65	20.39	0.109	2	Pass
20MHz_High_QPSK_50@50	20.12	20.86	0.122	2	Pass
20MHz_High_QPSK_100@0	19.71	20.45	0.111	2	Pass
20MHz_High_16QAM_1@0	19.47	20.21	0.105	2	Pass
20MHz_High_16QAM_1@49	19.61	20.35	0.108	2	Pass
20MHz_High_16QAM_1@99	20.28	21.02	0.126	2	Pass
20MHz_High_16QAM_50@0	19.37	20.11	0.103	2	Pass
20MHz_High_16QAM_50@24	19.79	20.53	0.113	2	Pass
20MHz_High_16QAM_50@50	20.09	20.83	0.121	2	Pass
20MHz_High_16QAM_100@0	20.07	20.81	0.121	2	Pass

Note:

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

Band 41:

1.Antenna Gain = 0.74dBi;

2.Cable Loss = 0dB.

***** **END** *****