

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	24.16	24.96	0.313	1	Pass
1.4MHz_Low_QPSK_1@3	24.21	25.01	0.317	1	Pass
1.4MHz_Low_QPSK_1@5	24.21	25.01	0.317	1	Pass
1.4MHz_Low_QPSK_3@0	23.98	24.78	0.301	1	Pass
1.4MHz_Low_QPSK_3@1	24.03	24.83	0.304	1	Pass
1.4MHz_Low_QPSK_3@3	24.01	24.81	0.303	1	Pass
1.4MHz_Low_QPSK_6@0	22.95	23.75	0.237	1	Pass
1.4MHz_Low_16QAM_1@0	23.13	23.93	0.247	1	Pass
1.4MHz_Low_16QAM_1@3	23.15	23.95	0.248	1	Pass
1.4MHz_Low_16QAM_1@5	23.15	23.95	0.248	1	Pass
1.4MHz_Low_16QAM_3@0	23.04	23.84	0.242	1	Pass
1.4MHz_Low_16QAM_3@1	23.01	23.81	0.240	1	Pass
1.4MHz_Low_16QAM_3@3	23.07	23.87	0.244	1	Pass
1.4MHz_Low_16QAM_6@0	22.15	22.95	0.197	1	Pass
1.4MHz_Middle_QPSK_1@0	24.18	24.98	0.315	1	Pass
1.4MHz_Middle_QPSK_1@3	24.19	24.99	0.316	1	Pass
1.4MHz_Middle_QPSK_1@5	24.17	24.97	0.314	1	Pass
1.4MHz_Middle_QPSK_3@0	24.04	24.84	0.305	1	Pass
1.4MHz_Middle_QPSK_3@1	24.01	24.81	0.303	1	Pass
1.4MHz_Middle_QPSK_3@3	24.02	24.82	0.303	1	Pass
1.4MHz_Middle_QPSK_6@0	23.06	23.86	0.243	1	Pass
1.4MHz_Middle_16QAM_1@0	22.99	23.79	0.239	1	Pass
1.4MHz_Middle_16QAM_1@3	23.07	23.87	0.244	1	Pass
1.4MHz_Middle_16QAM_1@5	23.04	23.84	0.242	1	Pass
1.4MHz_Middle_16QAM_3@0	23.40	24.20	0.263	1	Pass
1.4MHz_Middle_16QAM_3@1	23.34	24.14	0.259	1	Pass
1.4MHz_Middle_16QAM_3@3	23.31	24.11	0.258	1	Pass
1.4MHz_Middle_16QAM_6@0	22.21	23.01	0.200	1	Pass
1.4MHz_High_QPSK_1@0	24.02	24.82	0.303	1	Pass
1.4MHz_High_QPSK_1@3	24.08	24.88	0.308	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	24.12	24.92	0.310	1	Pass
1.4MHz_High_QPSK_3@0	24.01	24.81	0.303	1	Pass
1.4MHz_High_QPSK_3@1	24.07	24.87	0.307	1	Pass
1.4MHz_High_QPSK_3@3	24.02	24.82	0.303	1	Pass
1.4MHz_High_QPSK_6@0	22.96	23.76	0.238	1	Pass
1.4MHz_High_16QAM_1@0	23.62	24.42	0.277	1	Pass
1.4MHz_High_16QAM_1@3	23.64	24.44	0.278	1	Pass
1.4MHz_High_16QAM_1@5	23.65	24.45	0.279	1	Pass
1.4MHz_High_16QAM_3@0	23.62	24.42	0.277	1	Pass
1.4MHz_High_16QAM_3@1	23.60	24.40	0.275	1	Pass
1.4MHz_High_16QAM_3@3	23.57	24.37	0.274	1	Pass
1.4MHz_High_16QAM_6@0	22.25	23.05	0.202	1	Pass
3MHz_Low_QPSK_1@0	24.18	24.98	0.315	1	Pass
3MHz_Low_QPSK_1@8	24.19	24.99	0.316	1	Pass
3MHz_Low_QPSK_1@14	24.15	24.95	0.313	1	Pass
3MHz_Low_QPSK_8@0	22.96	23.76	0.238	1	Pass
3MHz_Low_QPSK_8@4	23	23.80	0.240	1	Pass
3MHz_Low_QPSK_8@7	22.94	23.74	0.237	1	Pass
3MHz_Low_QPSK_15@0	23.06	23.86	0.243	1	Pass
3MHz_Low_16QAM_1@0	23.19	23.99	0.251	1	Pass
3MHz_Low_16QAM_1@8	23.11	23.91	0.246	1	Pass
3MHz_Low_16QAM_1@14	23.13	23.93	0.247	1	Pass
3MHz_Low_16QAM_8@0	22.36	23.16	0.207	1	Pass
3MHz_Low_16QAM_8@4	22.37	23.17	0.207	1	Pass
3MHz_Low_16QAM_8@7	22.06	22.86	0.193	1	Pass
3MHz_Low_16QAM_15@0	22.25	23.05	0.202	1	Pass
3MHz_Middle_QPSK_1@0	24.18	24.98	0.315	1	Pass
3MHz_Middle_QPSK_1@8	24.16	24.96	0.313	1	Pass
3MHz_Middle_QPSK_1@14	24.20	25.00	0.316	1	Pass
3MHz_Middle_QPSK_8@0	23.02	23.82	0.241	1	Pass
3MHz_Middle_QPSK_8@4	23.01	23.81	0.240	1	Pass
3MHz_Middle_QPSK_8@7	23.04	23.84	0.242	1	Pass
3MHz_Middle_QPSK_15@0	23.05	23.85	0.243	1	Pass
3MHz_Middle_16QAM_1@0	23.04	23.84	0.242	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	23.05	23.85	0.243	1	Pass
3MHz_Middle_16QAM_1@14	23.06	23.86	0.243	1	Pass
3MHz_Middle_16QAM_8@0	21.99	22.79	0.190	1	Pass
3MHz_Middle_16QAM_8@4	22.01	22.81	0.191	1	Pass
3MHz_Middle_16QAM_8@7	21.97	22.77	0.189	1	Pass
3MHz_Middle_16QAM_15@0	21.97	22.77	0.189	1	Pass
3MHz_High_QPSK_1@0	23.97	24.77	0.300	1	Pass
3MHz_High_QPSK_1@8	23.98	24.78	0.301	1	Pass
3MHz_High_QPSK_1@14	24.04	24.84	0.305	1	Pass
3MHz_High_QPSK_8@0	23.04	23.84	0.242	1	Pass
3MHz_High_QPSK_8@4	23	23.80	0.240	1	Pass
3MHz_High_QPSK_8@7	23.01	23.81	0.240	1	Pass
3MHz_High_QPSK_15@0	23.04	23.84	0.242	1	Pass
3MHz_High_16QAM_1@0	23.04	23.84	0.242	1	Pass
3MHz_High_16QAM_1@8	23.10	23.90	0.245	1	Pass
3MHz_High_16QAM_1@14	22.98	23.78	0.239	1	Pass
3MHz_High_16QAM_8@0	21.87	22.67	0.185	1	Pass
3MHz_High_16QAM_8@4	21.82	22.62	0.183	1	Pass
3MHz_High_16QAM_8@7	21.82	22.62	0.183	1	Pass
3MHz_High_16QAM_15@0	22.24	23.04	0.201	1	Pass
5MHz_Low_QPSK_1@0	24.16	24.96	0.313	1	Pass
5MHz_Low_QPSK_1@12	24.06	24.86	0.306	1	Pass
5MHz_Low_QPSK_1@24	24.13	24.93	0.311	1	Pass
5MHz_Low_QPSK_12@0	22.96	23.76	0.238	1	Pass
5MHz_Low_QPSK_12@7	23.03	23.83	0.242	1	Pass
5MHz_Low_QPSK_12@13	23.01	23.81	0.240	1	Pass
5MHz_Low_QPSK_25@0	23.03	23.83	0.242	1	Pass
5MHz_Low_16QAM_1@0	23.30	24.10	0.257	1	Pass
5MHz_Low_16QAM_1@12	23.33	24.13	0.259	1	Pass
5MHz_Low_16QAM_1@24	23.27	24.07	0.255	1	Pass
5MHz_Low_16QAM_12@0	22.21	23.01	0.200	1	Pass
5MHz_Low_16QAM_12@7	21.90	22.70	0.186	1	Pass
5MHz_Low_16QAM_12@13	21.82	22.62	0.183	1	Pass
5MHz_Low_16QAM_25@0	22.01	22.81	0.191	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	24.03	24.83	0.304	1	Pass
5MHz_Middle_QPSK_1@12	24.09	24.89	0.308	1	Pass
5MHz_Middle_QPSK_1@24	24.06	24.86	0.306	1	Pass
5MHz_Middle_QPSK_12@0	22.96	23.76	0.238	1	Pass
5MHz_Middle_QPSK_12@7	23.03	23.83	0.242	1	Pass
5MHz_Middle_QPSK_12@13	23.01	23.81	0.240	1	Pass
5MHz_Middle_QPSK_25@0	23.05	23.85	0.243	1	Pass
5MHz_Middle_16QAM_1@0	22.52	23.32	0.215	1	Pass
5MHz_Middle_16QAM_1@12	22.58	23.38	0.218	1	Pass
5MHz_Middle_16QAM_1@24	22.59	23.39	0.218	1	Pass
5MHz_Middle_16QAM_12@0	21.99	22.79	0.190	1	Pass
5MHz_Middle_16QAM_12@7	21.93	22.73	0.187	1	Pass
5MHz_Middle_16QAM_12@13	21.98	22.78	0.190	1	Pass
5MHz_Middle_16QAM_25@0	22.10	22.90	0.195	1	Pass
5MHz_High_QPSK_1@0	24.13	24.93	0.311	1	Pass
5MHz_High_QPSK_1@12	24.10	24.90	0.309	1	Pass
5MHz_High_QPSK_1@24	24.08	24.88	0.308	1	Pass
5MHz_High_QPSK_12@0	23.05	23.85	0.243	1	Pass
5MHz_High_QPSK_12@7	23.08	23.88	0.244	1	Pass
5MHz_High_QPSK_12@13	23.05	23.85	0.243	1	Pass
5MHz_High_QPSK_25@0	23.04	23.84	0.242	1	Pass
5MHz_High_16QAM_1@0	22.93	23.73	0.236	1	Pass
5MHz_High_16QAM_1@12	23.02	23.82	0.241	1	Pass
5MHz_High_16QAM_1@24	22.97	23.77	0.238	1	Pass
5MHz_High_16QAM_12@0	22.42	23.22	0.210	1	Pass
5MHz_High_16QAM_12@7	22.11	22.91	0.195	1	Pass
5MHz_High_16QAM_12@13	22.15	22.95	0.197	1	Pass
5MHz_High_16QAM_25@0	22.29	23.09	0.204	1	Pass
10MHz_Low_QPSK_1@0	24.07	24.87	0.307	1	Pass
10MHz_Low_QPSK_1@25	24.13	24.93	0.311	1	Pass
10MHz_Low_QPSK_1@49	24.12	24.92	0.310	1	Pass
10MHz_Low_QPSK_25@0	22.92	23.72	0.236	1	Pass
10MHz_Low_QPSK_25@12	22.92	23.72	0.236	1	Pass
10MHz_Low_QPSK_25@25	23.06	23.86	0.243	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.96	23.76	0.238	1	Pass
10MHz_Low_16QAM_1@0	23.80	24.60	0.288	1	Pass
10MHz_Low_16QAM_1@25	23.78	24.58	0.287	1	Pass
10MHz_Low_16QAM_1@49	23.83	24.63	0.290	1	Pass
10MHz_Low_16QAM_25@0	21.98	22.78	0.190	1	Pass
10MHz_Low_16QAM_25@12	21.98	22.78	0.190	1	Pass
10MHz_Low_16QAM_25@25	22.46	23.26	0.212	1	Pass
10MHz_Low_16QAM_50@0	21.94	22.74	0.188	1	Pass
10MHz_Middle_QPSK_1@0	23.98	24.78	0.301	1	Pass
10MHz_Middle_QPSK_1@25	24.11	24.91	0.310	1	Pass
10MHz_Middle_QPSK_1@49	24.08	24.88	0.308	1	Pass
10MHz_Middle_QPSK_25@0	22.95	23.75	0.237	1	Pass
10MHz_Middle_QPSK_25@12	23.08	23.88	0.244	1	Pass
10MHz_Middle_QPSK_25@25	23.05	23.85	0.243	1	Pass
10MHz_Middle_QPSK_50@0	23.09	23.89	0.245	1	Pass
10MHz_Middle_16QAM_1@0	22.84	23.64	0.231	1	Pass
10MHz_Middle_16QAM_1@25	22.80	23.60	0.229	1	Pass
10MHz_Middle_16QAM_1@49	22.81	23.61	0.230	1	Pass
10MHz_Middle_16QAM_25@0	22.09	22.89	0.195	1	Pass
10MHz_Middle_16QAM_25@12	22.15	22.95	0.197	1	Pass
10MHz_Middle_16QAM_25@25	22.18	22.98	0.199	1	Pass
10MHz_Middle_16QAM_50@0	22.05	22.85	0.193	1	Pass
10MHz_High_QPSK_1@0	24.05	24.85	0.305	1	Pass
10MHz_High_QPSK_1@25	23.99	24.79	0.301	1	Pass
10MHz_High_QPSK_1@49	24.11	24.91	0.310	1	Pass
10MHz_High_QPSK_25@0	22.87	23.67	0.233	1	Pass
10MHz_High_QPSK_25@12	22.91	23.71	0.235	1	Pass
10MHz_High_QPSK_25@25	23.10	23.90	0.245	1	Pass
10MHz_High_QPSK_50@0	22.98	23.78	0.239	1	Pass
10MHz_High_16QAM_1@0	23.49	24.29	0.269	1	Pass
10MHz_High_16QAM_1@25	23.54	24.34	0.272	1	Pass
10MHz_High_16QAM_1@49	23.56	24.36	0.273	1	Pass
10MHz_High_16QAM_25@0	22.56	23.36	0.217	1	Pass
10MHz_High_16QAM_25@12	22.51	23.31	0.214	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	22.09	22.89	0.195	1	Pass
10MHz_High_16QAM_50@0	22.53	23.33	0.215	1	Pass
15MHz_Low_QPSK_1@0	24.20	25.00	0.316	1	Pass
15MHz_Low_QPSK_1@37	24.21	25.01	0.317	1	Pass
15MHz_Low_QPSK_1@74	24.17	24.97	0.314	1	Pass
15MHz_Low_QPSK_36@0	22.88	23.68	0.233	1	Pass
15MHz_Low_QPSK_36@20	22.98	23.78	0.239	1	Pass
15MHz_Low_QPSK_36@39	22.98	23.78	0.239	1	Pass
15MHz_Low_QPSK_75@0	22.98	23.78	0.239	1	Pass
15MHz_Low_16QAM_1@0	23.59	24.39	0.275	1	Pass
15MHz_Low_16QAM_1@37	23.60	24.40	0.275	1	Pass
15MHz_Low_16QAM_1@74	23.65	24.45	0.279	1	Pass
15MHz_Low_16QAM_36@0	21.85	22.65	0.184	1	Pass
15MHz_Low_16QAM_36@20	22.33	23.13	0.206	1	Pass
15MHz_Low_16QAM_36@39	21.96	22.76	0.189	1	Pass
15MHz_Low_16QAM_75@0	22.39	23.19	0.208	1	Pass
15MHz_Middle_QPSK_1@0	24.20	25.00	0.316	1	Pass
15MHz_Middle_QPSK_1@37	24.27	25.07	0.321	1	Pass
15MHz_Middle_QPSK_1@74	24.33	25.13	0.326	1	Pass
15MHz_Middle_QPSK_36@0	22.93	23.73	0.236	1	Pass
15MHz_Middle_QPSK_36@20	23.03	23.83	0.242	1	Pass
15MHz_Middle_QPSK_36@39	23.02	23.82	0.241	1	Pass
15MHz_Middle_QPSK_75@0	23.02	23.82	0.241	1	Pass
15MHz_Middle_16QAM_1@0	23.56	24.36	0.273	1	Pass
15MHz_Middle_16QAM_1@37	23.70	24.50	0.282	1	Pass
15MHz_Middle_16QAM_1@74	23.70	24.50	0.282	1	Pass
15MHz_Middle_16QAM_36@0	22.02	22.82	0.191	1	Pass
15MHz_Middle_16QAM_36@20	22.05	22.85	0.193	1	Pass
15MHz_Middle_16QAM_36@39	22.41	23.21	0.209	1	Pass
15MHz_Middle_16QAM_75@0	22.09	22.89	0.195	1	Pass
15MHz_High_QPSK_1@0	24.07	24.87	0.307	1	Pass
15MHz_High_QPSK_1@37	24.05	24.85	0.305	1	Pass
15MHz_High_QPSK_1@74	24.06	24.86	0.306	1	Pass
15MHz_High_QPSK_36@0	23.02	23.82	0.241	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	22.99	23.79	0.239	1	Pass
15MHz_High_QPSK_36@39	23.06	23.86	0.243	1	Pass
15MHz_High_QPSK_75@0	23.09	23.89	0.245	1	Pass
15MHz_High_16QAM_1@0	23.55	24.35	0.272	1	Pass
15MHz_High_16QAM_1@37	23.61	24.41	0.276	1	Pass
15MHz_High_16QAM_1@74	23.59	24.39	0.275	1	Pass
15MHz_High_16QAM_36@0	22.54	23.34	0.216	1	Pass
15MHz_High_16QAM_36@20	22.49	23.29	0.213	1	Pass
15MHz_High_16QAM_36@39	22.54	23.34	0.216	1	Pass
15MHz_High_16QAM_75@0	22.46	23.26	0.212	1	Pass
20MHz_Low_QPSK_1@0	23.93	24.73	0.297	1	Pass
20MHz_Low_QPSK_1@49	23.99	24.79	0.301	1	Pass
20MHz_Low_QPSK_1@99	24.03	24.83	0.304	1	Pass
20MHz_Low_QPSK_50@0	22.91	23.71	0.235	1	Pass
20MHz_Low_QPSK_50@24	22.92	23.72	0.236	1	Pass
20MHz_Low_QPSK_50@50	23.03	23.83	0.242	1	Pass
20MHz_Low_QPSK_100@0	22.96	23.76	0.238	1	Pass
20MHz_Low_16QAM_1@0	23.19	23.99	0.251	1	Pass
20MHz_Low_16QAM_1@49	23.23	24.03	0.253	1	Pass
20MHz_Low_16QAM_1@99	23.31	24.11	0.258	1	Pass
20MHz_Low_16QAM_50@0	21.88	22.68	0.185	1	Pass
20MHz_Low_16QAM_50@24	22.37	23.17	0.207	1	Pass
20MHz_Low_16QAM_50@50	21.93	22.73	0.187	1	Pass
20MHz_Low_16QAM_100@0	22.40	23.20	0.209	1	Pass
20MHz_Middle_QPSK_1@0	23.99	24.79	0.301	1	Pass
20MHz_Middle_QPSK_1@49	24.12	24.92	0.310	1	Pass
20MHz_Middle_QPSK_1@99	24.20	25.00	0.316	1	Pass
20MHz_Middle_QPSK_50@0	22.94	23.74	0.237	1	Pass
20MHz_Middle_QPSK_50@24	23.08	23.88	0.244	1	Pass
20MHz_Middle_QPSK_50@50	23.06	23.86	0.243	1	Pass
20MHz_Middle_QPSK_100@0	23.07	23.87	0.244	1	Pass
20MHz_Middle_16QAM_1@0	23.20	24.00	0.251	1	Pass
20MHz_Middle_16QAM_1@49	23.32	24.12	0.258	1	Pass
20MHz_Middle_16QAM_1@99	23.44	24.24	0.265	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	22.38	23.18	0.208	1	Pass
20MHz_Middle_16QAM_50@24	22.06	22.86	0.193	1	Pass
20MHz_Middle_16QAM_50@50	22.52	23.32	0.215	1	Pass
20MHz_Middle_16QAM_100@0	22.06	22.86	0.193	1	Pass
20MHz_High_QPSK_1@0	23.93	24.73	0.297	1	Pass
20MHz_High_QPSK_1@49	24.08	24.88	0.308	1	Pass
20MHz_High_QPSK_1@99	24.02	24.82	0.303	1	Pass
20MHz_High_QPSK_50@0	23.05	23.85	0.243	1	Pass
20MHz_High_QPSK_50@24	23.01	23.81	0.240	1	Pass
20MHz_High_QPSK_50@50	23.03	23.83	0.242	1	Pass
20MHz_High_QPSK_100@0	23.10	23.90	0.245	1	Pass
20MHz_High_16QAM_1@0	23.07	23.87	0.244	1	Pass
20MHz_High_16QAM_1@49	23.07	23.87	0.244	1	Pass
20MHz_High_16QAM_1@99	23.18	23.98	0.250	1	Pass
20MHz_High_16QAM_50@0	21.98	22.78	0.190	1	Pass
20MHz_High_16QAM_50@24	22.58	23.38	0.218	1	Pass
20MHz_High_16QAM_50@50	22.57	23.37	0.217	1	Pass
20MHz_High_16QAM_100@0	22.50	23.30	0.214	1	Pass

Note:

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

Band 4:

1.Antenna Gain = 0.8dBi;

2.Cable Loss = 0dB.

LTE Band 12, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	24.04	21.99	0.158	3	Pass
1.4MHz_Low_QPSK_1@3	24.03	21.98	0.158	3	Pass
1.4MHz_Low_QPSK_1@5	24.04	21.99	0.158	3	Pass
1.4MHz_Low_QPSK_3@0	23.98	21.93	0.156	3	Pass
1.4MHz_Low_QPSK_3@1	24.03	21.98	0.158	3	Pass
1.4MHz_Low_QPSK_3@3	23.96	21.91	0.155	3	Pass
1.4MHz_Low_QPSK_6@0	22.92	20.87	0.122	3	Pass
1.4MHz_Low_16QAM_1@0	23.18	21.13	0.130	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_1@3	23.09	21.04	0.127	3	Pass
1.4MHz_Low_16QAM_1@5	23.05	21.00	0.126	3	Pass
1.4MHz_Low_16QAM_3@0	22.95	20.90	0.123	3	Pass
1.4MHz_Low_16QAM_3@1	23.01	20.96	0.125	3	Pass
1.4MHz_Low_16QAM_3@3	22.97	20.92	0.124	3	Pass
1.4MHz_Low_16QAM_6@0	21.87	19.82	0.096	3	Pass
1.4MHz_Middle_QPSK_1@0	23.97	21.92	0.156	3	Pass
1.4MHz_Middle_QPSK_1@3	23.95	21.90	0.155	3	Pass
1.4MHz_Middle_QPSK_1@5	24.08	22.03	0.160	3	Pass
1.4MHz_Middle_QPSK_3@0	23.91	21.86	0.153	3	Pass
1.4MHz_Middle_QPSK_3@1	23.98	21.93	0.156	3	Pass
1.4MHz_Middle_QPSK_3@3	23.88	21.83	0.152	3	Pass
1.4MHz_Middle_QPSK_6@0	22.87	20.82	0.121	3	Pass
1.4MHz_Middle_16QAM_1@0	23.31	21.26	0.134	3	Pass
1.4MHz_Middle_16QAM_1@3	23.10	21.05	0.127	3	Pass
1.4MHz_Middle_16QAM_1@5	23.07	21.02	0.126	3	Pass
1.4MHz_Middle_16QAM_3@0	23.20	21.15	0.130	3	Pass
1.4MHz_Middle_16QAM_3@1	23.14	21.09	0.129	3	Pass
1.4MHz_Middle_16QAM_3@3	23.18	21.13	0.130	3	Pass
1.4MHz_Middle_16QAM_6@0	22.03	19.98	0.100	3	Pass
1.4MHz_High_QPSK_1@0	23.93	21.88	0.154	3	Pass
1.4MHz_High_QPSK_1@3	23.91	21.86	0.153	3	Pass
1.4MHz_High_QPSK_1@5	23.93	21.88	0.154	3	Pass
1.4MHz_High_QPSK_3@0	23.82	21.77	0.150	3	Pass
1.4MHz_High_QPSK_3@1	23.87	21.82	0.152	3	Pass
1.4MHz_High_QPSK_3@3	23.79	21.74	0.149	3	Pass
1.4MHz_High_QPSK_6@0	22.68	20.63	0.116	3	Pass
1.4MHz_High_16QAM_1@0	23.60	21.55	0.143	3	Pass
1.4MHz_High_16QAM_1@3	23.73	21.68	0.147	3	Pass
1.4MHz_High_16QAM_1@5	23.75	21.70	0.148	3	Pass
1.4MHz_High_16QAM_3@0	23.07	21.02	0.126	3	Pass
1.4MHz_High_16QAM_3@1	23.12	21.07	0.128	3	Pass
1.4MHz_High_16QAM_3@3	23.16	21.11	0.129	3	Pass
1.4MHz_High_16QAM_6@0	22.42	20.37	0.109	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_1@0	24.15	22.10	0.162	3	Pass
3MHz_Low_QPSK_1@8	24.04	21.99	0.158	3	Pass
3MHz_Low_QPSK_1@14	24.06	22.01	0.159	3	Pass
3MHz_Low_QPSK_8@0	23.09	21.04	0.127	3	Pass
3MHz_Low_QPSK_8@4	22.91	20.86	0.122	3	Pass
3MHz_Low_QPSK_8@7	22.93	20.88	0.122	3	Pass
3MHz_Low_QPSK_15@0	22.91	20.86	0.122	3	Pass
3MHz_Low_16QAM_1@0	23.83	21.78	0.151	3	Pass
3MHz_Low_16QAM_1@8	23.76	21.71	0.148	3	Pass
3MHz_Low_16QAM_1@14	23.74	21.69	0.148	3	Pass
3MHz_Low_16QAM_8@0	22.10	20.05	0.101	3	Pass
3MHz_Low_16QAM_8@4	22.14	20.09	0.102	3	Pass
3MHz_Low_16QAM_8@7	22.66	20.61	0.115	3	Pass
3MHz_Low_16QAM_15@0	21.93	19.88	0.097	3	Pass
3MHz_Middle_QPSK_1@0	24.02	21.97	0.157	3	Pass
3MHz_Middle_QPSK_1@8	24.07	22.02	0.159	3	Pass
3MHz_Middle_QPSK_1@14	24.02	21.97	0.157	3	Pass
3MHz_Middle_QPSK_8@0	22.90	20.85	0.122	3	Pass
3MHz_Middle_QPSK_8@4	22.90	20.85	0.122	3	Pass
3MHz_Middle_QPSK_8@7	22.79	20.74	0.119	3	Pass
3MHz_Middle_QPSK_15@0	22.81	20.76	0.119	3	Pass
3MHz_Middle_16QAM_1@0	23.37	21.32	0.136	3	Pass
3MHz_Middle_16QAM_1@8	23.24	21.19	0.132	3	Pass
3MHz_Middle_16QAM_1@14	23.20	21.15	0.130	3	Pass
3MHz_Middle_16QAM_8@0	22.17	20.12	0.103	3	Pass
3MHz_Middle_16QAM_8@4	21.73	19.68	0.093	3	Pass
3MHz_Middle_16QAM_8@7	21.80	19.75	0.094	3	Pass
3MHz_Middle_16QAM_15@0	21.96	19.91	0.098	3	Pass
3MHz_High_QPSK_1@0	23.89	21.84	0.153	3	Pass
3MHz_High_QPSK_1@8	23.86	21.81	0.152	3	Pass
3MHz_High_QPSK_1@14	23.92	21.87	0.154	3	Pass
3MHz_High_QPSK_8@0	22.76	20.71	0.118	3	Pass
3MHz_High_QPSK_8@4	22.81	20.76	0.119	3	Pass
3MHz_High_QPSK_8@7	22.74	20.69	0.117	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_High_QPSK_15@0	22.75	20.70	0.117	3	Pass
3MHz_High_16QAM_1@0	23.63	21.58	0.144	3	Pass
3MHz_High_16QAM_1@8	23.45	21.40	0.138	3	Pass
3MHz_High_16QAM_1@14	23.45	21.40	0.138	3	Pass
3MHz_High_16QAM_8@0	22.06	20.01	0.100	3	Pass
3MHz_High_16QAM_8@4	22.08	20.03	0.101	3	Pass
3MHz_High_16QAM_8@7	22.46	20.41	0.110	3	Pass
3MHz_High_16QAM_15@0	21.86	19.81	0.096	3	Pass
5MHz_Low_QPSK_1@0	24.01	21.96	0.157	3	Pass
5MHz_Low_QPSK_1@12	24.02	21.97	0.157	3	Pass
5MHz_Low_QPSK_1@24	23.92	21.87	0.154	3	Pass
5MHz_Low_QPSK_12@0	22.94	20.89	0.123	3	Pass
5MHz_Low_QPSK_12@7	23	20.95	0.124	3	Pass
5MHz_Low_QPSK_12@13	22.87	20.82	0.121	3	Pass
5MHz_Low_QPSK_25@0	23.02	20.97	0.125	3	Pass
5MHz_Low_16QAM_1@0	22.86	20.81	0.121	3	Pass
5MHz_Low_16QAM_1@12	22.88	20.83	0.121	3	Pass
5MHz_Low_16QAM_1@24	23.28	21.23	0.133	3	Pass
5MHz_Low_16QAM_12@0	21.93	19.88	0.097	3	Pass
5MHz_Low_16QAM_12@7	22.44	20.39	0.109	3	Pass
5MHz_Low_16QAM_12@13	22.33	20.28	0.107	3	Pass
5MHz_Low_16QAM_25@0	22.56	20.51	0.112	3	Pass
5MHz_Middle_QPSK_1@0	23.65	21.60	0.145	3	Pass
5MHz_Middle_QPSK_1@12	23.63	21.58	0.144	3	Pass
5MHz_Middle_QPSK_1@24	23.70	21.65	0.146	3	Pass
5MHz_Middle_QPSK_12@0	23.04	20.99	0.126	3	Pass
5MHz_Middle_QPSK_12@7	22.95	20.90	0.123	3	Pass
5MHz_Middle_QPSK_12@13	22.92	20.87	0.122	3	Pass
5MHz_Middle_QPSK_25@0	22.77	20.72	0.118	3	Pass
5MHz_Middle_16QAM_1@0	22.82	20.77	0.119	3	Pass
5MHz_Middle_16QAM_1@12	22.60	20.55	0.114	3	Pass
5MHz_Middle_16QAM_1@24	22.69	20.64	0.116	3	Pass
5MHz_Middle_16QAM_12@0	22.38	20.33	0.108	3	Pass
5MHz_Middle_16QAM_12@7	21.88	19.83	0.096	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	21.90	19.85	0.097	3	Pass
5MHz_Middle_16QAM_25@0	21.83	19.78	0.095	3	Pass
5MHz_High_QPSK_1@0	23.78	21.73	0.149	3	Pass
5MHz_High_QPSK_1@12	23.96	21.91	0.155	3	Pass
5MHz_High_QPSK_1@24	23.95	21.90	0.155	3	Pass
5MHz_High_QPSK_12@0	22.81	20.76	0.119	3	Pass
5MHz_High_QPSK_12@7	22.79	20.74	0.119	3	Pass
5MHz_High_QPSK_12@13	22.70	20.65	0.116	3	Pass
5MHz_High_QPSK_25@0	22.71	20.66	0.116	3	Pass
5MHz_High_16QAM_1@0	22.31	20.26	0.106	3	Pass
5MHz_High_16QAM_1@12	22.36	20.31	0.107	3	Pass
5MHz_High_16QAM_1@24	22.43	20.38	0.109	3	Pass
5MHz_High_16QAM_12@0	21.78	19.73	0.094	3	Pass
5MHz_High_16QAM_12@7	21.86	19.81	0.096	3	Pass
5MHz_High_16QAM_12@13	21.78	19.73	0.094	3	Pass
5MHz_High_16QAM_25@0	21.95	19.90	0.098	3	Pass
10MHz_Low_QPSK_1@0	24.06	22.01	0.159	3	Pass
10MHz_Low_QPSK_1@25	24.04	21.99	0.158	3	Pass
10MHz_Low_QPSK_1@49	24.05	22.00	0.158	3	Pass
10MHz_Low_QPSK_25@0	22.99	20.94	0.124	3	Pass
10MHz_Low_QPSK_25@12	23.40	21.35	0.136	3	Pass
10MHz_Low_QPSK_25@25	22.94	20.89	0.123	3	Pass
10MHz_Low_QPSK_50@0	23.27	21.22	0.132	3	Pass
10MHz_Low_16QAM_1@0	23.78	21.73	0.149	3	Pass
10MHz_Low_16QAM_1@25	24.22	22.17	0.165	3	Pass
10MHz_Low_16QAM_1@49	23.63	21.58	0.144	3	Pass
10MHz_Low_16QAM_25@0	22.48	20.43	0.110	3	Pass
10MHz_Low_16QAM_25@12	22.45	20.40	0.110	3	Pass
10MHz_Low_16QAM_25@25	22.47	20.42	0.110	3	Pass
10MHz_Low_16QAM_50@0	22.41	20.36	0.109	3	Pass
10MHz_Middle_QPSK_1@0	23.87	21.82	0.152	3	Pass
10MHz_Middle_QPSK_1@25	23.94	21.89	0.155	3	Pass
10MHz_Middle_QPSK_1@49	23.90	21.85	0.153	3	Pass
10MHz_Middle_QPSK_25@0	23.02	20.97	0.125	3	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@12	22.73	20.68	0.117	3	Pass
10MHz_Middle_QPSK_25@25	22.89	20.84	0.121	3	Pass
10MHz_Middle_QPSK_50@0	22.88	20.83	0.121	3	Pass
10MHz_Middle_16QAM_1@0	22.64	20.59	0.115	3	Pass
10MHz_Middle_16QAM_1@25	22.77	20.72	0.118	3	Pass
10MHz_Middle_16QAM_1@49	22.61	20.56	0.114	3	Pass
10MHz_Middle_16QAM_25@0	22.50	20.45	0.111	3	Pass
10MHz_Middle_16QAM_25@12	22.07	20.02	0.100	3	Pass
10MHz_Middle_16QAM_25@25	22.10	20.05	0.101	3	Pass
10MHz_Middle_16QAM_50@0	21.93	19.88	0.097	3	Pass
10MHz_High_QPSK_1@0	23.97	21.92	0.156	3	Pass
10MHz_High_QPSK_1@25	23.97	21.92	0.156	3	Pass
10MHz_High_QPSK_1@49	24.01	21.96	0.157	3	Pass
10MHz_High_QPSK_25@0	22.83	20.78	0.120	3	Pass
10MHz_High_QPSK_25@12	22.81	20.76	0.119	3	Pass
10MHz_High_QPSK_25@25	22.73	20.68	0.117	3	Pass
10MHz_High_QPSK_50@0	22.81	20.76	0.119	3	Pass
10MHz_High_16QAM_1@0	23.37	21.32	0.136	3	Pass
10MHz_High_16QAM_1@25	23.22	21.17	0.131	3	Pass
10MHz_High_16QAM_1@49	23.21	21.16	0.131	3	Pass
10MHz_High_16QAM_25@0	21.98	19.93	0.098	3	Pass
10MHz_High_16QAM_25@12	22.05	20.00	0.100	3	Pass
10MHz_High_16QAM_25@25	22.02	19.97	0.099	3	Pass
10MHz_High_16QAM_50@0	22.03	19.98	0.100	3	Pass

Note:

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

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

Band 12:

1.Antenna Gain = 0.1dBi;

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	22.10	23.00	0.200	2	Pass
5MHz_Low_QPSK_1@12	22.10	23.00	0.200	2	Pass
5MHz_Low_QPSK_1@24	22.13	23.03	0.201	2	Pass
5MHz_Low_QPSK_12@0	21.27	22.17	0.165	2	Pass
5MHz_Low_QPSK_12@7	21.30	22.20	0.166	2	Pass
5MHz_Low_QPSK_12@13	21.19	22.09	0.162	2	Pass
5MHz_Low_QPSK_25@0	21.16	22.06	0.161	2	Pass
5MHz_Low_16QAM_1@0	20.35	21.25	0.133	2	Pass
5MHz_Low_16QAM_1@12	20.56	21.46	0.140	2	Pass
5MHz_Low_16QAM_1@24	20.48	21.38	0.137	2	Pass
5MHz_Low_16QAM_12@0	20.15	21.05	0.127	2	Pass
5MHz_Low_16QAM_12@7	20.14	21.04	0.127	2	Pass
5MHz_Low_16QAM_12@13	20.15	21.05	0.127	2	Pass
5MHz_Low_16QAM_25@0	20.32	21.22	0.132	2	Pass
5MHz_Middle_QPSK_1@0	22.23	23.13	0.206	2	Pass
5MHz_Middle_QPSK_1@12	22.27	23.17	0.207	2	Pass
5MHz_Middle_QPSK_1@24	22.33	23.23	0.210	2	Pass
5MHz_Middle_QPSK_12@0	21.24	22.14	0.164	2	Pass
5MHz_Middle_QPSK_12@7	21.28	22.18	0.165	2	Pass
5MHz_Middle_QPSK_12@13	21.41	22.31	0.170	2	Pass
5MHz_Middle_QPSK_25@0	21.27	22.17	0.165	2	Pass
5MHz_Middle_16QAM_1@0	20.81	21.71	0.148	2	Pass
5MHz_Middle_16QAM_1@12	20.87	21.77	0.150	2	Pass
5MHz_Middle_16QAM_1@24	20.85	21.75	0.150	2	Pass
5MHz_Middle_16QAM_12@0	20.20	21.10	0.129	2	Pass
5MHz_Middle_16QAM_12@7	20.19	21.09	0.129	2	Pass
5MHz_Middle_16QAM_12@13	20.22	21.12	0.129	2	Pass
5MHz_Middle_16QAM_25@0	20.59	21.49	0.141	2	Pass
5MHz_High_QPSK_1@0	23.36	24.26	0.267	2	Pass
5MHz_High_QPSK_1@12	23.47	24.37	0.274	2	Pass
5MHz_High_QPSK_1@24	23.55	24.45	0.279	2	Pass
5MHz_High_QPSK_12@0	22.54	23.44	0.221	2	Pass
5MHz_High_QPSK_12@7	22.55	23.45	0.221	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_High_QPSK_12@13	22.59	23.49	0.223	2	Pass
5MHz_High_QPSK_25@0	22.43	23.33	0.215	2	Pass
5MHz_High_16QAM_1@0	22.71	23.61	0.230	2	Pass
5MHz_High_16QAM_1@12	22.91	23.81	0.240	2	Pass
5MHz_High_16QAM_1@24	22.83	23.73	0.236	2	Pass
5MHz_High_16QAM_12@0	21.50	22.40	0.174	2	Pass
5MHz_High_16QAM_12@7	21.51	22.41	0.174	2	Pass
5MHz_High_16QAM_12@13	21.55	22.45	0.176	2	Pass
5MHz_High_16QAM_25@0	21.51	22.41	0.174	2	Pass
10MHz_Low_QPSK_1@0	22.18	23.08	0.203	2	Pass
10MHz_Low_QPSK_1@25	22.23	23.13	0.206	2	Pass
10MHz_Low_QPSK_1@49	22.27	23.17	0.207	2	Pass
10MHz_Low_QPSK_25@0	21.13	22.03	0.160	2	Pass
10MHz_Low_QPSK_25@12	21.20	22.10	0.162	2	Pass
10MHz_Low_QPSK_25@25	21.24	22.14	0.164	2	Pass
10MHz_Low_QPSK_50@0	21.11	22.01	0.159	2	Pass
10MHz_Low_16QAM_1@0	21.28	22.18	0.165	2	Pass
10MHz_Low_16QAM_1@25	21.14	22.04	0.160	2	Pass
10MHz_Low_16QAM_1@49	21.19	22.09	0.162	2	Pass
10MHz_Low_16QAM_25@0	20.30	21.20	0.132	2	Pass
10MHz_Low_16QAM_25@12	20.20	21.10	0.129	2	Pass
10MHz_Low_16QAM_25@25	20.21	21.11	0.129	2	Pass
10MHz_Low_16QAM_50@0	20.47	21.37	0.137	2	Pass
10MHz_Middle_QPSK_1@0	22.23	23.13	0.206	2	Pass
10MHz_Middle_QPSK_1@25	22.42	23.32	0.215	2	Pass
10MHz_Middle_QPSK_1@49	22.41	23.31	0.214	2	Pass
10MHz_Middle_QPSK_25@0	21.26	22.16	0.164	2	Pass
10MHz_Middle_QPSK_25@12	21.36	22.26	0.168	2	Pass
10MHz_Middle_QPSK_25@25	21.41	22.31	0.170	2	Pass
10MHz_Middle_QPSK_50@0	21.41	22.31	0.170	2	Pass
10MHz_Middle_16QAM_1@0	22.79	23.69	0.234	2	Pass
10MHz_Middle_16QAM_1@25	23.14	24.04	0.254	2	Pass
10MHz_Middle_16QAM_1@49	23.07	23.97	0.249	2	Pass
10MHz_Middle_16QAM_25@0	20.45	21.35	0.136	2	Pass