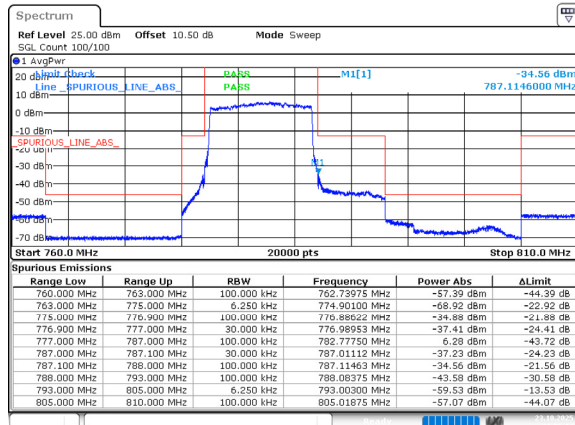


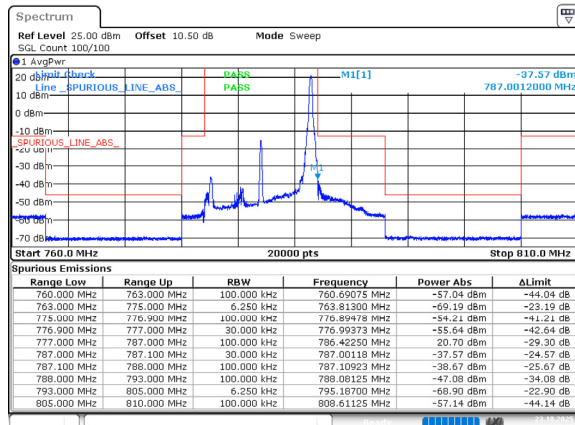
10MHz_Middle_QPSK_50@0



ProjectNo.:2501V00086E-RF Tester:Usain Ou

Date: 23.OCT.2025 21:06:14

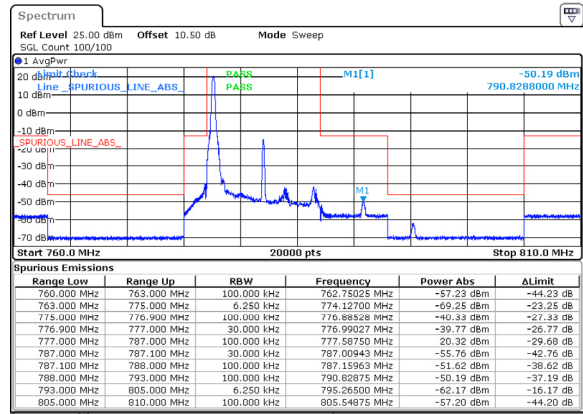
10MHz_Middle_16QAM_1@49



ProjectNo.:2501V00086E-RF Tester:Usain Ou

Date: 23.OCT.2025 21:07:24

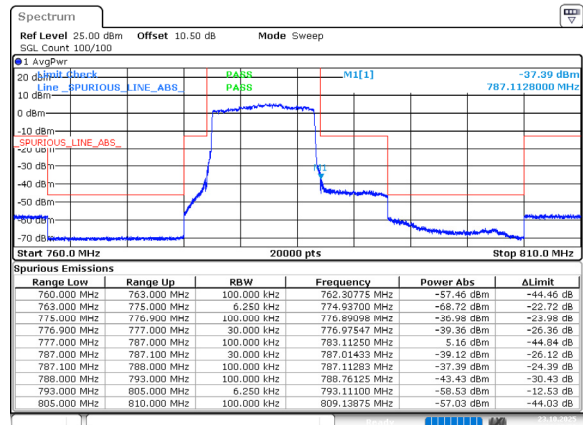
10MHz_Middle_16QAM_1@0



ProjectNo.:2501V00086E-RF Tester:Usain Ou

Date: 23.OCT.2025 21:06:49

10MHz_Middle_16QAM_50@0



ProjectNo.:2501V00086E-RF Tester:Usain Ou

Date: 23.OCT.2025 21:07:56

RF Output Power**Test Information:**

Sample No.:	38PR-1	Test Date:	2025/09/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6	Relative Humidity: (%)	43	ATM Pressure: (kPa)	100.6
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FCC Part 24E**LTE Band 2, Normal**

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	22.66	26.13	0.410	2	Pass
1.4MHz_Low_QPSK_1@3	22.45	25.92	0.391	2	Pass
1.4MHz_Low_QPSK_1@5	22.42	25.89	0.388	2	Pass
1.4MHz_Low_QPSK_3@0	22.36	25.83	0.383	2	Pass
1.4MHz_Low_QPSK_3@1	22.48	25.95	0.394	2	Pass
1.4MHz_Low_QPSK_3@3	22.36	25.83	0.383	2	Pass
1.4MHz_Low_QPSK_6@0	21.45	24.92	0.310	2	Pass
1.4MHz_Low_16QAM_1@0	22.07	25.54	0.358	2	Pass
1.4MHz_Low_16QAM_1@3	22.22	25.69	0.371	2	Pass
1.4MHz_Low_16QAM_1@5	22.10	25.57	0.361	2	Pass
1.4MHz_Low_16QAM_3@0	21.27	24.74	0.298	2	Pass
1.4MHz_Low_16QAM_3@1	21.34	24.81	0.303	2	Pass
1.4MHz_Low_16QAM_3@3	21.37	24.84	0.305	2	Pass
1.4MHz_Low_16QAM_6@0	20.12	23.59	0.229	2	Pass
1.4MHz_Middle_QPSK_1@0	22.60	26.07	0.405	2	Pass
1.4MHz_Middle_QPSK_1@3	22.75	26.22	0.419	2	Pass
1.4MHz_Middle_QPSK_1@5	22.89	26.36	0.433	2	Pass
1.4MHz_Middle_QPSK_3@0	22.83	26.30	0.427	2	Pass
1.4MHz_Middle_QPSK_3@1	22.89	26.36	0.433	2	Pass
1.4MHz_Middle_QPSK_3@3	22.85	26.32	0.429	2	Pass
1.4MHz_Middle_QPSK_6@0	21.73	25.20	0.331	2	Pass
1.4MHz_Middle_16QAM_1@0	21.52	24.99	0.316	2	Pass
1.4MHz_Middle_16QAM_1@3	21.17	24.64	0.291	2	Pass
1.4MHz_Middle_16QAM_1@5	21.23	24.70	0.295	2	Pass
1.4MHz_Middle_16QAM_3@0	21.45	24.92	0.310	2	Pass
1.4MHz_Middle_16QAM_3@1	21.52	24.99	0.316	2	Pass
1.4MHz_Middle_16QAM_3@3	21.53	25.00	0.316	2	Pass
1.4MHz_Middle_16QAM_6@0	20.80	24.27	0.267	2	Pass
1.4MHz_High_QPSK_1@0	22.54	26.01	0.399	2	Pass
1.4MHz_High_QPSK_1@3	22.40	25.87	0.386	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	22.33	25.80	0.380	2	Pass
1.4MHz_High_QPSK_3@0	22.41	25.88	0.387	2	Pass
1.4MHz_High_QPSK_3@1	22.40	25.87	0.386	2	Pass
1.4MHz_High_QPSK_3@3	22.31	25.78	0.378	2	Pass
1.4MHz_High_QPSK_6@0	21.51	24.98	0.315	2	Pass
1.4MHz_High_16QAM_1@0	21.16	24.63	0.290	2	Pass
1.4MHz_High_16QAM_1@3	21.06	24.53	0.284	2	Pass
1.4MHz_High_16QAM_1@5	21.03	24.50	0.282	2	Pass
1.4MHz_High_16QAM_3@0	21.26	24.73	0.297	2	Pass
1.4MHz_High_16QAM_3@1	21.43	24.90	0.309	2	Pass
1.4MHz_High_16QAM_3@3	21.58	25.05	0.320	2	Pass
1.4MHz_High_16QAM_6@0	20.69	24.16	0.261	2	Pass
3MHz_Low_QPSK_1@0	22.51	25.98	0.396	2	Pass
3MHz_Low_QPSK_1@8	22.41	25.88	0.387	2	Pass
3MHz_Low_QPSK_1@14	22.57	26.04	0.402	2	Pass
3MHz_Low_QPSK_8@0	21.43	24.90	0.309	2	Pass
3MHz_Low_QPSK_8@4	21.52	24.99	0.316	2	Pass
3MHz_Low_QPSK_8@7	21.57	25.04	0.319	2	Pass
3MHz_Low_QPSK_15@0	21.39	24.86	0.306	2	Pass
3MHz_Low_16QAM_1@0	21.02	24.49	0.281	2	Pass
3MHz_Low_16QAM_1@8	21.25	24.72	0.296	2	Pass
3MHz_Low_16QAM_1@14	21.07	24.54	0.284	2	Pass
3MHz_Low_16QAM_8@0	20.29	23.76	0.238	2	Pass
3MHz_Low_16QAM_8@4	20.38	23.85	0.243	2	Pass
3MHz_Low_16QAM_8@7	20.22	23.69	0.234	2	Pass
3MHz_Low_16QAM_15@0	20.34	23.81	0.240	2	Pass
3MHz_Middle_QPSK_1@0	22.91	26.38	0.435	2	Pass
3MHz_Middle_QPSK_1@8	22.72	26.19	0.416	2	Pass
3MHz_Middle_QPSK_1@14	22.90	26.37	0.434	2	Pass
3MHz_Middle_QPSK_8@0	21.85	25.32	0.340	2	Pass
3MHz_Middle_QPSK_8@4	21.74	25.21	0.332	2	Pass
3MHz_Middle_QPSK_8@7	21.77	25.24	0.334	2	Pass
3MHz_Middle_QPSK_15@0	21.70	25.17	0.329	2	Pass
3MHz_Middle_16QAM_1@0	21.94	25.41	0.348	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	21.74	25.21	0.332	2	Pass
3MHz_Middle_16QAM_1@14	21.81	25.28	0.337	2	Pass
3MHz_Middle_16QAM_8@0	20.73	24.20	0.263	2	Pass
3MHz_Middle_16QAM_8@4	20.63	24.10	0.257	2	Pass
3MHz_Middle_16QAM_8@7	20.65	24.12	0.258	2	Pass
3MHz_Middle_16QAM_15@0	20.90	24.37	0.274	2	Pass
3MHz_High_QPSK_1@0	22.55	26.02	0.400	2	Pass
3MHz_High_QPSK_1@8	22.51	25.98	0.396	2	Pass
3MHz_High_QPSK_1@14	22.55	26.02	0.400	2	Pass
3MHz_High_QPSK_8@0	21.52	24.99	0.316	2	Pass
3MHz_High_QPSK_8@4	21.61	25.08	0.322	2	Pass
3MHz_High_QPSK_8@7	21.51	24.98	0.315	2	Pass
3MHz_High_QPSK_15@0	21.48	24.95	0.313	2	Pass
3MHz_High_16QAM_1@0	21.47	24.94	0.312	2	Pass
3MHz_High_16QAM_1@8	21.51	24.98	0.315	2	Pass
3MHz_High_16QAM_1@14	21.51	24.98	0.315	2	Pass
3MHz_High_16QAM_8@0	20.75	24.22	0.264	2	Pass
3MHz_High_16QAM_8@4	20.20	23.67	0.233	2	Pass
3MHz_High_16QAM_8@7	20.57	24.04	0.254	2	Pass
3MHz_High_16QAM_15@0	20.54	24.01	0.252	2	Pass
5MHz_Low_QPSK_1@0	22.37	25.84	0.384	2	Pass
5MHz_Low_QPSK_1@12	22.47	25.94	0.393	2	Pass
5MHz_Low_QPSK_1@24	22.30	25.77	0.378	2	Pass
5MHz_Low_QPSK_12@0	21.40	24.87	0.307	2	Pass
5MHz_Low_QPSK_12@7	21.59	25.06	0.321	2	Pass
5MHz_Low_QPSK_12@13	21.57	25.04	0.319	2	Pass
5MHz_Low_QPSK_25@0	21.52	24.99	0.316	2	Pass
5MHz_Low_16QAM_1@0	21.30	24.77	0.300	2	Pass
5MHz_Low_16QAM_1@12	21.46	24.93	0.311	2	Pass
5MHz_Low_16QAM_1@24	21.35	24.82	0.303	2	Pass
5MHz_Low_16QAM_12@0	20.32	23.79	0.239	2	Pass
5MHz_Low_16QAM_12@7	20.52	23.99	0.251	2	Pass
5MHz_Low_16QAM_12@13	20.64	24.11	0.258	2	Pass
5MHz_Low_16QAM_25@0	20.52	23.99	0.251	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	22.69	26.16	0.413	2	Pass
5MHz_Middle_QPSK_1@12	22.96	26.43	0.440	2	Pass
5MHz_Middle_QPSK_1@24	22.61	26.08	0.406	2	Pass
5MHz_Middle_QPSK_12@0	21.77	25.24	0.334	2	Pass
5MHz_Middle_QPSK_12@7	21.74	25.21	0.332	2	Pass
5MHz_Middle_QPSK_12@13	21.75	25.22	0.333	2	Pass
5MHz_Middle_QPSK_25@0	21.72	25.19	0.330	2	Pass
5MHz_Middle_16QAM_1@0	21.47	24.94	0.312	2	Pass
5MHz_Middle_16QAM_1@12	21.44	24.91	0.310	2	Pass
5MHz_Middle_16QAM_1@24	21.28	24.75	0.299	2	Pass
5MHz_Middle_16QAM_12@0	20.70	24.17	0.261	2	Pass
5MHz_Middle_16QAM_12@7	20.76	24.23	0.265	2	Pass
5MHz_Middle_16QAM_12@13	20.67	24.14	0.259	2	Pass
5MHz_Middle_16QAM_25@0	20.88	24.35	0.272	2	Pass
5MHz_High_QPSK_1@0	22.23	25.70	0.372	2	Pass
5MHz_High_QPSK_1@12	22.58	26.05	0.403	2	Pass
5MHz_High_QPSK_1@24	22.38	25.85	0.385	2	Pass
5MHz_High_QPSK_12@0	21.56	25.03	0.318	2	Pass
5MHz_High_QPSK_12@7	21.58	25.05	0.320	2	Pass
5MHz_High_QPSK_12@13	21.49	24.96	0.313	2	Pass
5MHz_High_QPSK_25@0	21.55	25.02	0.318	2	Pass
5MHz_High_16QAM_1@0	21.53	25.00	0.316	2	Pass
5MHz_High_16QAM_1@12	21.78	25.25	0.335	2	Pass
5MHz_High_16QAM_1@24	21.59	25.06	0.321	2	Pass
5MHz_High_16QAM_12@0	20.52	23.99	0.251	2	Pass
5MHz_High_16QAM_12@7	20.33	23.80	0.240	2	Pass
5MHz_High_16QAM_12@13	20.26	23.73	0.236	2	Pass
5MHz_High_16QAM_25@0	20.62	24.09	0.256	2	Pass
10MHz_Low_QPSK_1@0	22.37	25.84	0.384	2	Pass
10MHz_Low_QPSK_1@25	22.91	26.38	0.435	2	Pass
10MHz_Low_QPSK_1@49	22.41	25.88	0.387	2	Pass
10MHz_Low_QPSK_25@0	21.40	24.87	0.307	2	Pass
10MHz_Low_QPSK_25@12	21.58	25.05	0.320	2	Pass
10MHz_Low_QPSK_25@25	21.63	25.10	0.324	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	21.44	24.91	0.310	2	Pass
10MHz_Low_16QAM_1@0	21.26	24.73	0.297	2	Pass
10MHz_Low_16QAM_1@25	21.47	24.94	0.312	2	Pass
10MHz_Low_16QAM_1@49	21.02	24.49	0.281	2	Pass
10MHz_Low_16QAM_25@0	20.39	23.86	0.243	2	Pass
10MHz_Low_16QAM_25@12	20.82	24.29	0.269	2	Pass
10MHz_Low_16QAM_25@25	20.74	24.21	0.264	2	Pass
10MHz_Low_16QAM_50@0	20.50	23.97	0.249	2	Pass
10MHz_Middle_QPSK_1@0	22.97	26.44	0.441	2	Pass
10MHz_Middle_QPSK_1@25	22.96	26.43	0.440	2	Pass
10MHz_Middle_QPSK_1@49	22.89	26.36	0.433	2	Pass
10MHz_Middle_QPSK_25@0	21.88	25.35	0.343	2	Pass
10MHz_Middle_QPSK_25@12	21.86	25.33	0.341	2	Pass
10MHz_Middle_QPSK_25@25	21.81	25.28	0.337	2	Pass
10MHz_Middle_QPSK_50@0	21.77	25.24	0.334	2	Pass
10MHz_Middle_16QAM_1@0	22	25.47	0.352	2	Pass
10MHz_Middle_16QAM_1@25	22.61	26.08	0.406	2	Pass
10MHz_Middle_16QAM_1@49	21.87	25.34	0.342	2	Pass
10MHz_Middle_16QAM_25@0	21.02	24.49	0.281	2	Pass
10MHz_Middle_16QAM_25@12	20.91	24.38	0.274	2	Pass
10MHz_Middle_16QAM_25@25	20.93	24.40	0.275	2	Pass
10MHz_Middle_16QAM_50@0	20.77	24.24	0.265	2	Pass
10MHz_High_QPSK_1@0	22.60	26.07	0.405	2	Pass
10MHz_High_QPSK_1@25	23.01	26.48	0.445	2	Pass
10MHz_High_QPSK_1@49	22.65	26.12	0.409	2	Pass
10MHz_High_QPSK_25@0	21.69	25.16	0.328	2	Pass
10MHz_High_QPSK_25@12	21.59	25.06	0.321	2	Pass
10MHz_High_QPSK_25@25	21.43	24.90	0.309	2	Pass
10MHz_High_QPSK_50@0	21.56	25.03	0.318	2	Pass
10MHz_High_16QAM_1@0	21.71	25.18	0.330	2	Pass
10MHz_High_16QAM_1@25	21.94	25.41	0.348	2	Pass
10MHz_High_16QAM_1@49	21.06	24.53	0.284	2	Pass
10MHz_High_16QAM_25@0	20.62	24.09	0.256	2	Pass
10MHz_High_16QAM_25@12	20.71	24.18	0.262	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	20.50	23.97	0.249	2	Pass
10MHz_High_16QAM_50@0	20.48	23.95	0.248	2	Pass
15MHz_Low_QPSK_1@0	22.51	25.98	0.396	2	Pass
15MHz_Low_QPSK_1@37	23.13	26.60	0.457	2	Pass
15MHz_Low_QPSK_1@74	22.67	26.14	0.411	2	Pass
15MHz_Low_QPSK_36@0	21.48	24.95	0.313	2	Pass
15MHz_Low_QPSK_36@20	21.71	25.18	0.330	2	Pass
15MHz_Low_QPSK_36@39	21.63	25.10	0.324	2	Pass
15MHz_Low_QPSK_75@0	21.60	25.07	0.321	2	Pass
15MHz_Low_16QAM_1@0	21.75	25.22	0.333	2	Pass
15MHz_Low_16QAM_1@37	22.06	25.53	0.357	2	Pass
15MHz_Low_16QAM_1@74	21.47	24.94	0.312	2	Pass
15MHz_Low_16QAM_36@0	20.39	23.86	0.243	2	Pass
15MHz_Low_16QAM_36@20	20.77	24.24	0.265	2	Pass
15MHz_Low_16QAM_36@39	20.73	24.20	0.263	2	Pass
15MHz_Low_16QAM_75@0	20.59	24.06	0.255	2	Pass
15MHz_Middle_QPSK_1@0	22.92	26.39	0.436	2	Pass
15MHz_Middle_QPSK_1@37	23.31	26.78	0.476	2	Pass
15MHz_Middle_QPSK_1@74	22.60	26.07	0.405	2	Pass
15MHz_Middle_QPSK_36@0	21.81	25.28	0.337	2	Pass
15MHz_Middle_QPSK_36@20	21.74	25.21	0.332	2	Pass
15MHz_Middle_QPSK_36@39	21.67	25.14	0.327	2	Pass
15MHz_Middle_QPSK_75@0	21.72	25.19	0.330	2	Pass
15MHz_Middle_16QAM_1@0	22.07	25.54	0.358	2	Pass
15MHz_Middle_16QAM_1@37	22.52	25.99	0.397	2	Pass
15MHz_Middle_16QAM_1@74	22.11	25.58	0.361	2	Pass
15MHz_Middle_16QAM_36@0	20.89	24.36	0.273	2	Pass
15MHz_Middle_16QAM_36@20	20.82	24.29	0.269	2	Pass
15MHz_Middle_16QAM_36@39	20.59	24.06	0.255	2	Pass
15MHz_Middle_16QAM_75@0	20.67	24.14	0.259	2	Pass
15MHz_High_QPSK_1@0	22.77	26.24	0.421	2	Pass
15MHz_High_QPSK_1@37	22.95	26.42	0.439	2	Pass
15MHz_High_QPSK_1@74	22.75	26.22	0.419	2	Pass
15MHz_High_QPSK_36@0	21.65	25.12	0.325	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	21.57	25.04	0.319	2	Pass
15MHz_High_QPSK_36@39	21.43	24.90	0.309	2	Pass
15MHz_High_QPSK_75@0	21.61	25.08	0.322	2	Pass
15MHz_High_16QAM_1@0	21.86	25.33	0.341	2	Pass
15MHz_High_16QAM_1@37	22.34	25.81	0.381	2	Pass
15MHz_High_16QAM_1@74	21.26	24.73	0.297	2	Pass
15MHz_High_16QAM_36@0	20.62	24.09	0.256	2	Pass
15MHz_High_16QAM_36@20	20.54	24.01	0.252	2	Pass
15MHz_High_16QAM_36@39	20.49	23.96	0.249	2	Pass
15MHz_High_16QAM_75@0	20.68	24.15	0.260	2	Pass
20MHz_Low_QPSK_1@0	22.18	25.65	0.367	2	Pass
20MHz_Low_QPSK_1@49	22.63	26.10	0.407	2	Pass
20MHz_Low_QPSK_1@99	22.39	25.86	0.385	2	Pass
20MHz_Low_QPSK_50@0	21.53	25.00	0.316	2	Pass
20MHz_Low_QPSK_50@24	21.68	25.15	0.327	2	Pass
20MHz_Low_QPSK_50@50	21.70	25.17	0.329	2	Pass
20MHz_Low_QPSK_100@0	21.66	25.13	0.326	2	Pass
20MHz_Low_16QAM_1@0	20.97	24.44	0.278	2	Pass
20MHz_Low_16QAM_1@49	21.36	24.83	0.304	2	Pass
20MHz_Low_16QAM_1@99	21.41	24.88	0.308	2	Pass
20MHz_Low_16QAM_50@0	20.39	23.86	0.243	2	Pass
20MHz_Low_16QAM_50@24	20.57	24.04	0.254	2	Pass
20MHz_Low_16QAM_50@50	20.52	23.99	0.251	2	Pass
20MHz_Low_16QAM_100@0	20.77	24.24	0.265	2	Pass
20MHz_Middle_QPSK_1@0	22.43	25.90	0.389	2	Pass
20MHz_Middle_QPSK_1@49	22.54	26.01	0.399	2	Pass
20MHz_Middle_QPSK_1@99	22.26	25.73	0.374	2	Pass
20MHz_Middle_QPSK_50@0	21.79	25.26	0.336	2	Pass
20MHz_Middle_QPSK_50@24	21.75	25.22	0.333	2	Pass
20MHz_Middle_QPSK_50@50	21.63	25.10	0.324	2	Pass
20MHz_Middle_QPSK_100@0	21.74	25.21	0.332	2	Pass
20MHz_Middle_16QAM_1@0	21.86	25.33	0.341	2	Pass
20MHz_Middle_16QAM_1@49	21.96	25.43	0.349	2	Pass
20MHz_Middle_16QAM_1@99	21.55	25.02	0.318	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	20.87	24.34	0.272	2	Pass
20MHz_Middle_16QAM_50@24	20.91	24.38	0.274	2	Pass
20MHz_Middle_16QAM_50@50	20.88	24.35	0.272	2	Pass
20MHz_Middle_16QAM_100@0	20.67	24.14	0.259	2	Pass
20MHz_High_QPSK_1@0	22.63	26.10	0.407	2	Pass
20MHz_High_QPSK_1@49	23.06	26.53	0.450	2	Pass
20MHz_High_QPSK_1@99	22.36	25.83	0.383	2	Pass
20MHz_High_QPSK_50@0	21.75	25.22	0.333	2	Pass
20MHz_High_QPSK_50@24	21.68	25.15	0.327	2	Pass
20MHz_High_QPSK_50@50	21.60	25.07	0.321	2	Pass
20MHz_High_QPSK_100@0	21.68	25.15	0.327	2	Pass
20MHz_High_16QAM_1@0	21.50	24.97	0.314	2	Pass
20MHz_High_16QAM_1@49	21.84	25.31	0.340	2	Pass
20MHz_High_16QAM_1@99	20.96	24.43	0.277	2	Pass
20MHz_High_16QAM_50@0	21.03	24.50	0.282	2	Pass
20MHz_High_16QAM_50@24	21.08	24.55	0.285	2	Pass
20MHz_High_16QAM_50@50	20.86	24.33	0.271	2	Pass
20MHz_High_16QAM_100@0	20.82	24.29	0.269	2	Pass

Note:

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

Band 2:

1.Antenna Gain = 3.47dBi;

2.Cable Loss = 0dB.

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	23.47	26.91	0.491	1	Pass
1.4MHz_Low_QPSK_1@3	23.46	26.90	0.490	1	Pass
1.4MHz_Low_QPSK_1@5	23.41	26.85	0.484	1	Pass
1.4MHz_Low_QPSK_3@0	23.20	26.64	0.461	1	Pass
1.4MHz_Low_QPSK_3@1	23.15	26.59	0.456	1	Pass
1.4MHz_Low_QPSK_3@3	23.31	26.75	0.473	1	Pass
1.4MHz_Low_QPSK_6@0	22.29	25.73	0.374	1	Pass
1.4MHz_Low_16QAM_1@0	22.41	25.85	0.385	1	Pass
1.4MHz_Low_16QAM_1@3	22.47	25.91	0.390	1	Pass
1.4MHz_Low_16QAM_1@5	22.27	25.71	0.372	1	Pass
1.4MHz_Low_16QAM_3@0	22.15	25.59	0.362	1	Pass
1.4MHz_Low_16QAM_3@1	22.20	25.64	0.366	1	Pass
1.4MHz_Low_16QAM_3@3	22.18	25.62	0.365	1	Pass
1.4MHz_Low_16QAM_6@0	21.15	24.59	0.288	1	Pass
1.4MHz_Middle_QPSK_1@0	23.03	26.47	0.444	1	Pass
1.4MHz_Middle_QPSK_1@3	23.16	26.60	0.457	1	Pass
1.4MHz_Middle_QPSK_1@5	23.15	26.59	0.456	1	Pass
1.4MHz_Middle_QPSK_3@0	23.09	26.53	0.450	1	Pass
1.4MHz_Middle_QPSK_3@1	23.16	26.60	0.457	1	Pass
1.4MHz_Middle_QPSK_3@3	23.17	26.61	0.458	1	Pass
1.4MHz_Middle_QPSK_6@0	22.22	25.66	0.368	1	Pass
1.4MHz_Middle_16QAM_1@0	21.93	25.37	0.344	1	Pass
1.4MHz_Middle_16QAM_1@3	22.10	25.54	0.358	1	Pass
1.4MHz_Middle_16QAM_1@5	22.11	25.55	0.359	1	Pass
1.4MHz_Middle_16QAM_3@0	22.32	25.76	0.377	1	Pass
1.4MHz_Middle_16QAM_3@1	22.52	25.96	0.394	1	Pass
1.4MHz_Middle_16QAM_3@3	22.68	26.12	0.409	1	Pass
1.4MHz_Middle_16QAM_6@0	21.68	25.12	0.325	1	Pass
1.4MHz_High_QPSK_1@0	23.47	26.91	0.491	1	Pass
1.4MHz_High_QPSK_1@3	23.42	26.86	0.485	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	23.12	26.56	0.453	1	Pass
1.4MHz_High_QPSK_3@0	23.14	26.58	0.455	1	Pass
1.4MHz_High_QPSK_3@1	23.16	26.60	0.457	1	Pass
1.4MHz_High_QPSK_3@3	23.13	26.57	0.454	1	Pass
1.4MHz_High_QPSK_6@0	22.31	25.75	0.376	1	Pass
1.4MHz_High_16QAM_1@0	22.06	25.50	0.355	1	Pass
1.4MHz_High_16QAM_1@3	21.99	25.43	0.349	1	Pass
1.4MHz_High_16QAM_1@5	21.97	25.41	0.348	1	Pass
1.4MHz_High_16QAM_3@0	22.49	25.93	0.392	1	Pass
1.4MHz_High_16QAM_3@1	22.73	26.17	0.414	1	Pass
1.4MHz_High_16QAM_3@3	22.50	25.94	0.393	1	Pass
1.4MHz_High_16QAM_6@0	21.46	24.90	0.309	1	Pass
3MHz_Low_QPSK_1@0	23.49	26.93	0.493	1	Pass
3MHz_Low_QPSK_1@8	23.21	26.65	0.462	1	Pass
3MHz_Low_QPSK_1@14	23.31	26.75	0.473	1	Pass
3MHz_Low_QPSK_8@0	22.40	25.84	0.384	1	Pass
3MHz_Low_QPSK_8@4	22.36	25.80	0.380	1	Pass
3MHz_Low_QPSK_8@7	22.34	25.78	0.378	1	Pass
3MHz_Low_QPSK_15@0	22.31	25.75	0.376	1	Pass
3MHz_Low_16QAM_1@0	22.29	25.73	0.374	1	Pass
3MHz_Low_16QAM_1@8	22.21	25.65	0.367	1	Pass
3MHz_Low_16QAM_1@14	22.27	25.71	0.372	1	Pass
3MHz_Low_16QAM_8@0	21.50	24.94	0.312	1	Pass
3MHz_Low_16QAM_8@4	21.46	24.90	0.309	1	Pass
3MHz_Low_16QAM_8@7	21.45	24.89	0.308	1	Pass
3MHz_Low_16QAM_15@0	21.39	24.83	0.304	1	Pass
3MHz_Middle_QPSK_1@0	23.23	26.67	0.465	1	Pass
3MHz_Middle_QPSK_1@8	23.29	26.73	0.471	1	Pass
3MHz_Middle_QPSK_1@14	23.15	26.59	0.456	1	Pass
3MHz_Middle_QPSK_8@0	22.27	25.71	0.372	1	Pass
3MHz_Middle_QPSK_8@4	22.21	25.65	0.367	1	Pass
3MHz_Middle_QPSK_8@7	22.21	25.65	0.367	1	Pass
3MHz_Middle_QPSK_15@0	22.16	25.60	0.363	1	Pass
3MHz_Middle_16QAM_1@0	22.26	25.70	0.372	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	22.29	25.73	0.374	1	Pass
3MHz_Middle_16QAM_1@14	22.23	25.67	0.369	1	Pass
3MHz_Middle_16QAM_8@0	21.21	24.65	0.292	1	Pass
3MHz_Middle_16QAM_8@4	21.60	25.04	0.319	1	Pass
3MHz_Middle_16QAM_8@7	21.37	24.81	0.303	1	Pass
3MHz_Middle_16QAM_15@0	21.38	24.82	0.303	1	Pass
3MHz_High_QPSK_1@0	23.47	26.91	0.491	1	Pass
3MHz_High_QPSK_1@8	23.47	26.91	0.491	1	Pass
3MHz_High_QPSK_1@14	23.34	26.78	0.476	1	Pass
3MHz_High_QPSK_8@0	22.45	25.89	0.388	1	Pass
3MHz_High_QPSK_8@4	22.53	25.97	0.395	1	Pass
3MHz_High_QPSK_8@7	22.48	25.92	0.391	1	Pass
3MHz_High_QPSK_15@0	22.32	25.76	0.377	1	Pass
3MHz_High_16QAM_1@0	22.43	25.87	0.386	1	Pass
3MHz_High_16QAM_1@8	22.45	25.89	0.388	1	Pass
3MHz_High_16QAM_1@14	22.40	25.84	0.384	1	Pass
3MHz_High_16QAM_8@0	21.52	24.96	0.313	1	Pass
3MHz_High_16QAM_8@4	21.58	25.02	0.318	1	Pass
3MHz_High_16QAM_8@7	21.62	25.06	0.321	1	Pass
3MHz_High_16QAM_15@0	21.40	24.84	0.305	1	Pass
5MHz_Low_QPSK_1@0	23.24	26.68	0.466	1	Pass
5MHz_Low_QPSK_1@12	23.19	26.63	0.460	1	Pass
5MHz_Low_QPSK_1@24	23.04	26.48	0.445	1	Pass
5MHz_Low_QPSK_12@0	22.46	25.90	0.389	1	Pass
5MHz_Low_QPSK_12@7	22.51	25.95	0.394	1	Pass
5MHz_Low_QPSK_12@13	22.38	25.82	0.382	1	Pass
5MHz_Low_QPSK_25@0	22.45	25.89	0.388	1	Pass
5MHz_Low_16QAM_1@0	22.25	25.69	0.371	1	Pass
5MHz_Low_16QAM_1@12	22.31	25.75	0.376	1	Pass
5MHz_Low_16QAM_1@24	22.32	25.76	0.377	1	Pass
5MHz_Low_16QAM_12@0	21.24	24.68	0.294	1	Pass
5MHz_Low_16QAM_12@7	21.50	24.94	0.312	1	Pass
5MHz_Low_16QAM_12@13	21.47	24.91	0.310	1	Pass
5MHz_Low_16QAM_25@0	21.26	24.70	0.295	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	23.17	26.61	0.458	1	Pass
5MHz_Middle_QPSK_1@12	23.43	26.87	0.486	1	Pass
5MHz_Middle_QPSK_1@24	23.41	26.85	0.484	1	Pass
5MHz_Middle_QPSK_12@0	22.22	25.66	0.368	1	Pass
5MHz_Middle_QPSK_12@7	22.29	25.73	0.374	1	Pass
5MHz_Middle_QPSK_12@13	22.23	25.67	0.369	1	Pass
5MHz_Middle_QPSK_25@0	22.18	25.62	0.365	1	Pass
5MHz_Middle_16QAM_1@0	22.08	25.52	0.356	1	Pass
5MHz_Middle_16QAM_1@12	22.24	25.68	0.370	1	Pass
5MHz_Middle_16QAM_1@24	22.25	25.69	0.371	1	Pass
5MHz_Middle_16QAM_12@0	21.20	24.64	0.291	1	Pass
5MHz_Middle_16QAM_12@7	21.31	24.75	0.299	1	Pass
5MHz_Middle_16QAM_12@13	21.33	24.77	0.300	1	Pass
5MHz_Middle_16QAM_25@0	21.44	24.88	0.308	1	Pass
5MHz_High_QPSK_1@0	23.11	26.55	0.452	1	Pass
5MHz_High_QPSK_1@12	23.29	26.73	0.471	1	Pass
5MHz_High_QPSK_1@24	23.10	26.54	0.451	1	Pass
5MHz_High_QPSK_12@0	22.53	25.97	0.395	1	Pass
5MHz_High_QPSK_12@7	22.52	25.96	0.394	1	Pass
5MHz_High_QPSK_12@13	22.53	25.97	0.395	1	Pass
5MHz_High_QPSK_25@0	22.58	26.02	0.400	1	Pass
5MHz_High_16QAM_1@0	22.68	26.12	0.409	1	Pass
5MHz_High_16QAM_1@12	22.99	26.43	0.440	1	Pass
5MHz_High_16QAM_1@24	22.94	26.38	0.435	1	Pass
5MHz_High_16QAM_12@0	21.59	25.03	0.318	1	Pass
5MHz_High_16QAM_12@7	21.59	25.03	0.318	1	Pass
5MHz_High_16QAM_12@13	21.50	24.94	0.312	1	Pass
5MHz_High_16QAM_25@0	21.74	25.18	0.330	1	Pass
10MHz_Low_QPSK_1@0	23.29	26.73	0.471	1	Pass
10MHz_Low_QPSK_1@25	23.47	26.91	0.491	1	Pass
10MHz_Low_QPSK_1@49	23.18	26.62	0.459	1	Pass
10MHz_Low_QPSK_25@0	22.37	25.81	0.381	1	Pass
10MHz_Low_QPSK_25@12	22.44	25.88	0.387	1	Pass
10MHz_Low_QPSK_25@25	22.35	25.79	0.379	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.39	25.83	0.383	1	Pass
10MHz_Low_16QAM_1@0	22.09	25.53	0.357	1	Pass
10MHz_Low_16QAM_1@25	22.27	25.71	0.372	1	Pass
10MHz_Low_16QAM_1@49	22.01	25.45	0.351	1	Pass
10MHz_Low_16QAM_25@0	21.28	24.72	0.296	1	Pass
10MHz_Low_16QAM_25@12	21.44	24.88	0.308	1	Pass
10MHz_Low_16QAM_25@25	21.35	24.79	0.301	1	Pass
10MHz_Low_16QAM_50@0	21.36	24.80	0.302	1	Pass
10MHz_Middle_QPSK_1@0	23.49	26.93	0.493	1	Pass
10MHz_Middle_QPSK_1@25	23.59	27.03	0.505	1	Pass
10MHz_Middle_QPSK_1@49	23.09	26.53	0.450	1	Pass
10MHz_Middle_QPSK_25@0	22.17	25.61	0.364	1	Pass
10MHz_Middle_QPSK_25@12	22.25	25.69	0.371	1	Pass
10MHz_Middle_QPSK_25@25	22.20	25.64	0.366	1	Pass
10MHz_Middle_QPSK_50@0	22.19	25.63	0.366	1	Pass
10MHz_Middle_16QAM_1@0	22.09	25.53	0.357	1	Pass
10MHz_Middle_16QAM_1@25	22.97	26.41	0.438	1	Pass
10MHz_Middle_16QAM_1@49	22.36	25.80	0.380	1	Pass
10MHz_Middle_16QAM_25@0	21.19	24.63	0.290	1	Pass
10MHz_Middle_16QAM_25@12	21.37	24.81	0.303	1	Pass
10MHz_Middle_16QAM_25@25	21.32	24.76	0.299	1	Pass
10MHz_Middle_16QAM_50@0	21.24	24.68	0.294	1	Pass
10MHz_High_QPSK_1@0	23.48	26.92	0.492	1	Pass
10MHz_High_QPSK_1@25	23.65	27.09	0.512	1	Pass
10MHz_High_QPSK_1@49	23.49	26.93	0.493	1	Pass
10MHz_High_QPSK_25@0	22.50	25.94	0.393	1	Pass
10MHz_High_QPSK_25@12	22.61	26.05	0.403	1	Pass
10MHz_High_QPSK_25@25	22.49	25.93	0.392	1	Pass
10MHz_High_QPSK_50@0	22.55	25.99	0.397	1	Pass
10MHz_High_16QAM_1@0	22.74	26.18	0.415	1	Pass
10MHz_High_16QAM_1@25	22.71	26.15	0.412	1	Pass
10MHz_High_16QAM_1@49	21.89	25.33	0.341	1	Pass
10MHz_High_16QAM_25@0	21.61	25.05	0.320	1	Pass
10MHz_High_16QAM_25@12	21.60	25.04	0.319	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	21.51	24.95	0.313	1	Pass
10MHz_High_16QAM_50@0	21.43	24.87	0.307	1	Pass
15MHz_Low_QPSK_1@0	23.41	26.85	0.484	1	Pass
15MHz_Low_QPSK_1@37	23.98	27.42	0.552	1	Pass
15MHz_Low_QPSK_1@74	23.26	26.70	0.468	1	Pass
15MHz_Low_QPSK_36@0	22.34	25.78	0.378	1	Pass
15MHz_Low_QPSK_36@20	22.39	25.83	0.383	1	Pass
15MHz_Low_QPSK_36@39	22.29	25.73	0.374	1	Pass
15MHz_Low_QPSK_75@0	22.32	25.76	0.377	1	Pass
15MHz_Low_16QAM_1@0	22.02	25.46	0.352	1	Pass
15MHz_Low_16QAM_1@37	22.56	26.00	0.398	1	Pass
15MHz_Low_16QAM_1@74	22.55	25.99	0.397	1	Pass
15MHz_Low_16QAM_36@0	21.14	24.58	0.287	1	Pass
15MHz_Low_16QAM_36@20	21.29	24.73	0.297	1	Pass
15MHz_Low_16QAM_36@39	21.09	24.53	0.284	1	Pass
15MHz_Low_16QAM_75@0	21.21	24.65	0.292	1	Pass
15MHz_Middle_QPSK_1@0	23.46	26.90	0.490	1	Pass
15MHz_Middle_QPSK_1@37	23.59	27.03	0.505	1	Pass
15MHz_Middle_QPSK_1@74	23.29	26.73	0.471	1	Pass
15MHz_Middle_QPSK_36@0	22.19	25.63	0.366	1	Pass
15MHz_Middle_QPSK_36@20	22.34	25.78	0.378	1	Pass
15MHz_Middle_QPSK_36@39	22.29	25.73	0.374	1	Pass
15MHz_Middle_QPSK_75@0	22.23	25.67	0.369	1	Pass
15MHz_Middle_16QAM_1@0	22.20	25.64	0.366	1	Pass
15MHz_Middle_16QAM_1@37	22.34	25.78	0.378	1	Pass
15MHz_Middle_16QAM_1@74	22.33	25.77	0.378	1	Pass
15MHz_Middle_16QAM_36@0	21.14	24.58	0.287	1	Pass
15MHz_Middle_16QAM_36@20	21.19	24.63	0.290	1	Pass
15MHz_Middle_16QAM_36@39	21.18	24.62	0.290	1	Pass
15MHz_Middle_16QAM_75@0	21.20	24.64	0.291	1	Pass
15MHz_High_QPSK_1@0	23.41	26.85	0.484	1	Pass
15MHz_High_QPSK_1@37	23.97	27.41	0.551	1	Pass
15MHz_High_QPSK_1@74	23.44	26.88	0.488	1	Pass
15MHz_High_QPSK_36@0	22.48	25.92	0.391	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_High_QPSK_36@20	22.54	25.98	0.396	1	Pass
15MHz_High_QPSK_36@39	22.32	25.76	0.377	1	Pass
15MHz_High_QPSK_75@0	22.36	25.80	0.380	1	Pass
15MHz_High_16QAM_1@0	22.70	26.14	0.411	1	Pass
15MHz_High_16QAM_1@37	23.08	26.52	0.449	1	Pass
15MHz_High_16QAM_1@74	22.03	25.47	0.352	1	Pass
15MHz_High_16QAM_36@0	21.42	24.86	0.306	1	Pass
15MHz_High_16QAM_36@20	21.54	24.98	0.315	1	Pass
15MHz_High_16QAM_36@39	21.42	24.86	0.306	1	Pass
15MHz_High_16QAM_75@0	21.51	24.95	0.313	1	Pass
20MHz_Low_QPSK_1@0	22.97	26.41	0.438	1	Pass
20MHz_Low_QPSK_1@49	23.20	26.64	0.461	1	Pass
20MHz_Low_QPSK_1@99	22.98	26.42	0.439	1	Pass
20MHz_Low_QPSK_50@0	22.29	25.73	0.374	1	Pass
20MHz_Low_QPSK_50@24	22.26	25.70	0.372	1	Pass
20MHz_Low_QPSK_50@50	22.21	25.65	0.367	1	Pass
20MHz_Low_QPSK_100@0	22.32	25.76	0.377	1	Pass
20MHz_Low_16QAM_1@0	21.80	25.24	0.334	1	Pass
20MHz_Low_16QAM_1@49	22.07	25.51	0.356	1	Pass
20MHz_Low_16QAM_1@99	21.73	25.17	0.329	1	Pass
20MHz_Low_16QAM_50@0	21.19	24.63	0.290	1	Pass
20MHz_Low_16QAM_50@24	21.16	24.60	0.288	1	Pass
20MHz_Low_16QAM_50@50	21.09	24.53	0.284	1	Pass
20MHz_Low_16QAM_100@0	21.23	24.67	0.293	1	Pass
20MHz_Middle_QPSK_1@0	22.81	26.25	0.422	1	Pass
20MHz_Middle_QPSK_1@49	23.33	26.77	0.475	1	Pass
20MHz_Middle_QPSK_1@99	22.96	26.40	0.437	1	Pass
20MHz_Middle_QPSK_50@0	22.19	25.63	0.366	1	Pass
20MHz_Middle_QPSK_50@24	22.28	25.72	0.373	1	Pass
20MHz_Middle_QPSK_50@50	22.25	25.69	0.371	1	Pass
20MHz_Middle_QPSK_100@0	22.27	25.71	0.372	1	Pass
20MHz_Middle_16QAM_1@0	21.96	25.40	0.347	1	Pass
20MHz_Middle_16QAM_1@49	22.52	25.96	0.394	1	Pass
20MHz_Middle_16QAM_1@99	22.01	25.45	0.351	1	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_16QAM_50@0	21.05	24.49	0.281	1	Pass
20MHz_Middle_16QAM_50@24	21.22	24.66	0.292	1	Pass
20MHz_Middle_16QAM_50@50	21.32	24.76	0.299	1	Pass
20MHz_Middle_16QAM_100@0	21.13	24.57	0.286	1	Pass
20MHz_High_QPSK_1@0	23.41	26.85	0.484	1	Pass
20MHz_High_QPSK_1@49	23.75	27.19	0.524	1	Pass
20MHz_High_QPSK_1@99	23.29	26.73	0.471	1	Pass
20MHz_High_QPSK_50@0	22.50	25.94	0.393	1	Pass
20MHz_High_QPSK_50@24	22.52	25.96	0.394	1	Pass
20MHz_High_QPSK_50@50	22.37	25.81	0.381	1	Pass
20MHz_High_QPSK_100@0	22.47	25.91	0.390	1	Pass
20MHz_High_16QAM_1@0	21.67	25.11	0.324	1	Pass
20MHz_High_16QAM_1@49	22.79	26.23	0.420	1	Pass
20MHz_High_16QAM_1@99	21.75	25.19	0.330	1	Pass
20MHz_High_16QAM_50@0	21.40	24.84	0.305	1	Pass
20MHz_High_16QAM_50@24	21.51	24.95	0.313	1	Pass
20MHz_High_16QAM_50@50	21.37	24.81	0.303	1	Pass
20MHz_High_16QAM_100@0	21.26	24.70	0.295	1	Pass

Note:

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

Band 4:

1.Antenna Gain = 3.44dBi;

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	23.61	26.69	0.467	30	Pass
1.4MHz_Low_QPSK_1@3	23.63	26.71	0.469	30	Pass
1.4MHz_Low_QPSK_1@5	23.56	26.64	0.461	30	Pass
1.4MHz_Low_QPSK_3@0	23.61	26.69	0.467	30	Pass
1.4MHz_Low_QPSK_3@1	23.76	26.84	0.483	30	Pass
1.4MHz_Low_QPSK_3@3	23.79	26.87	0.486	30	Pass
1.4MHz_Low_QPSK_6@0	22.77	25.85	0.385	30	Pass
1.4MHz_Low_16QAM_1@0	22.48	25.56	0.360	30	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_16QAM_1@3	22.53	25.61	0.364	30	Pass
1.4MHz_Low_16QAM_1@5	22.61	25.69	0.371	30	Pass
1.4MHz_Low_16QAM_3@0	22.93	26.01	0.399	30	Pass
1.4MHz_Low_16QAM_3@1	22.89	25.97	0.395	30	Pass
1.4MHz_Low_16QAM_3@3	22.59	25.67	0.369	30	Pass
1.4MHz_Low_16QAM_6@0	21.79	24.87	0.307	30	Pass
1.4MHz_Middle_QPSK_1@0	23.59	26.67	0.465	30	Pass
1.4MHz_Middle_QPSK_1@3	23.92	27.00	0.501	30	Pass
1.4MHz_Middle_QPSK_1@5	23.91	26.99	0.500	30	Pass
1.4MHz_Middle_QPSK_3@0	23.65	26.73	0.471	30	Pass
1.4MHz_Middle_QPSK_3@1	23.69	26.77	0.475	30	Pass
1.4MHz_Middle_QPSK_3@3	23.59	26.67	0.465	30	Pass
1.4MHz_Middle_QPSK_6@0	22.62	25.70	0.372	30	Pass
1.4MHz_Middle_16QAM_1@0	22.45	25.53	0.357	30	Pass
1.4MHz_Middle_16QAM_1@3	22.26	25.34	0.342	30	Pass
1.4MHz_Middle_16QAM_1@5	22.27	25.35	0.343	30	Pass
1.4MHz_Middle_16QAM_3@0	22.39	25.47	0.352	30	Pass
1.4MHz_Middle_16QAM_3@1	22.46	25.54	0.358	30	Pass
1.4MHz_Middle_16QAM_3@3	22.86	25.94	0.393	30	Pass
1.4MHz_Middle_16QAM_6@0	21.79	24.87	0.307	30	Pass
1.4MHz_High_QPSK_1@0	23.78	26.86	0.485	30	Pass
1.4MHz_High_QPSK_1@3	23.87	26.95	0.495	30	Pass
1.4MHz_High_QPSK_1@5	23.64	26.72	0.470	30	Pass
1.4MHz_High_QPSK_3@0	23.71	26.79	0.478	30	Pass
1.4MHz_High_QPSK_3@1	23.78	26.86	0.485	30	Pass
1.4MHz_High_QPSK_3@3	23.63	26.71	0.469	30	Pass
1.4MHz_High_QPSK_6@0	22.56	25.64	0.366	30	Pass
1.4MHz_High_16QAM_1@0	22.72	25.80	0.380	30	Pass
1.4MHz_High_16QAM_1@3	22.60	25.68	0.370	30	Pass
1.4MHz_High_16QAM_1@5	22.57	25.65	0.367	30	Pass
1.4MHz_High_16QAM_3@0	22.58	25.66	0.368	30	Pass
1.4MHz_High_16QAM_3@1	22.53	25.61	0.364	30	Pass
1.4MHz_High_16QAM_3@3	22.38	25.46	0.352	30	Pass
1.4MHz_High_16QAM_6@0	21.34	24.42	0.277	30	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Low_QPSK_1@0	23.59	26.67	0.465	30	Pass
3MHz_Low_QPSK_1@8	23.41	26.49	0.446	30	Pass
3MHz_Low_QPSK_1@14	23.46	26.54	0.451	30	Pass
3MHz_Low_QPSK_8@0	22.68	25.76	0.377	30	Pass
3MHz_Low_QPSK_8@4	22.61	25.69	0.371	30	Pass
3MHz_Low_QPSK_8@7	22.65	25.73	0.374	30	Pass
3MHz_Low_QPSK_15@0	22.65	25.73	0.374	30	Pass
3MHz_Low_16QAM_1@0	22.29	25.37	0.344	30	Pass
3MHz_Low_16QAM_1@8	22.39	25.47	0.352	30	Pass
3MHz_Low_16QAM_1@14	22.07	25.15	0.327	30	Pass
3MHz_Low_16QAM_8@0	21.63	24.71	0.296	30	Pass
3MHz_Low_16QAM_8@4	21.62	24.70	0.295	30	Pass
3MHz_Low_16QAM_8@7	21.60	24.68	0.294	30	Pass
3MHz_Low_16QAM_15@0	21.48	24.56	0.286	30	Pass
3MHz_Middle_QPSK_1@0	23.45	26.53	0.450	30	Pass
3MHz_Middle_QPSK_1@8	23.60	26.68	0.466	30	Pass
3MHz_Middle_QPSK_1@14	23.63	26.71	0.469	30	Pass
3MHz_Middle_QPSK_8@0	22.45	25.53	0.357	30	Pass
3MHz_Middle_QPSK_8@4	22.44	25.52	0.356	30	Pass
3MHz_Middle_QPSK_8@7	22.36	25.44	0.350	30	Pass
3MHz_Middle_QPSK_15@0	22.42	25.50	0.355	30	Pass
3MHz_Middle_16QAM_1@0	22.38	25.46	0.352	30	Pass
3MHz_Middle_16QAM_1@8	22.21	25.29	0.338	30	Pass
3MHz_Middle_16QAM_1@14	22.43	25.51	0.356	30	Pass
3MHz_Middle_16QAM_8@0	21.12	24.20	0.263	30	Pass
3MHz_Middle_16QAM_8@4	21.21	24.29	0.269	30	Pass
3MHz_Middle_16QAM_8@7	21.40	24.48	0.281	30	Pass
3MHz_Middle_16QAM_15@0	21.29	24.37	0.274	30	Pass
3MHz_High_QPSK_1@0	23.48	26.56	0.453	30	Pass
3MHz_High_QPSK_1@8	23.83	26.91	0.491	30	Pass
3MHz_High_QPSK_1@14	23.35	26.43	0.440	30	Pass
3MHz_High_QPSK_8@0	22.63	25.71	0.372	30	Pass
3MHz_High_QPSK_8@4	22.49	25.57	0.361	30	Pass
3MHz_High_QPSK_8@7	22.36	25.44	0.350	30	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_High_QPSK_15@0	22.55	25.63	0.366	30	Pass
3MHz_High_16QAM_1@0	22.52	25.60	0.363	30	Pass
3MHz_High_16QAM_1@8	22.53	25.61	0.364	30	Pass
3MHz_High_16QAM_1@14	21.81	24.89	0.308	30	Pass
3MHz_High_16QAM_8@0	21.57	24.65	0.292	30	Pass
3MHz_High_16QAM_8@4	21.63	24.71	0.296	30	Pass
3MHz_High_16QAM_8@7	21.49	24.57	0.286	30	Pass
3MHz_High_16QAM_15@0	21.53	24.61	0.289	30	Pass
5MHz_Low_QPSK_1@0	23.31	26.39	0.436	30	Pass
5MHz_Low_QPSK_1@12	23.28	26.36	0.433	30	Pass
5MHz_Low_QPSK_1@24	23.30	26.38	0.435	30	Pass
5MHz_Low_QPSK_12@0	22.57	25.65	0.367	30	Pass
5MHz_Low_QPSK_12@7	22.57	25.65	0.367	30	Pass
5MHz_Low_QPSK_12@13	22.50	25.58	0.361	30	Pass
5MHz_Low_QPSK_25@0	22.51	25.59	0.362	30	Pass
5MHz_Low_16QAM_1@0	22.40	25.48	0.353	30	Pass
5MHz_Low_16QAM_1@12	22.42	25.50	0.355	30	Pass
5MHz_Low_16QAM_1@24	21.97	25.05	0.320	30	Pass
5MHz_Low_16QAM_12@0	21.67	24.75	0.299	30	Pass
5MHz_Low_16QAM_12@7	21.68	24.76	0.299	30	Pass
5MHz_Low_16QAM_12@13	21.49	24.57	0.286	30	Pass
5MHz_Low_16QAM_25@0	21.45	24.53	0.284	30	Pass
5MHz_Middle_QPSK_1@0	23.30	26.38	0.435	30	Pass
5MHz_Middle_QPSK_1@12	23.38	26.46	0.443	30	Pass
5MHz_Middle_QPSK_1@24	23.52	26.60	0.457	30	Pass
5MHz_Middle_QPSK_12@0	22.44	25.52	0.356	30	Pass
5MHz_Middle_QPSK_12@7	22.47	25.55	0.359	30	Pass
5MHz_Middle_QPSK_12@13	22.48	25.56	0.360	30	Pass
5MHz_Middle_QPSK_25@0	22.47	25.55	0.359	30	Pass
5MHz_Middle_16QAM_1@0	22.37	25.45	0.351	30	Pass
5MHz_Middle_16QAM_1@12	22.19	25.27	0.337	30	Pass
5MHz_Middle_16QAM_1@24	22.39	25.47	0.352	30	Pass
5MHz_Middle_16QAM_12@0	21.34	24.42	0.277	30	Pass
5MHz_Middle_16QAM_12@7	21.29	24.37	0.274	30	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_16QAM_12@13	21.40	24.48	0.281	30	Pass
5MHz_Middle_16QAM_25@0	21.43	24.51	0.282	30	Pass
5MHz_High_QPSK_1@0	22.95	26.03	0.401	30	Pass
5MHz_High_QPSK_1@12	23.24	26.32	0.429	30	Pass
5MHz_High_QPSK_1@24	22.78	25.86	0.385	30	Pass
5MHz_High_QPSK_12@0	22.52	25.60	0.363	30	Pass
5MHz_High_QPSK_12@7	22.54	25.62	0.365	30	Pass
5MHz_High_QPSK_12@13	22.42	25.50	0.355	30	Pass
5MHz_High_QPSK_25@0	22.43	25.51	0.356	30	Pass
5MHz_High_16QAM_1@0	22.58	25.66	0.368	30	Pass
5MHz_High_16QAM_1@12	22.69	25.77	0.378	30	Pass
5MHz_High_16QAM_1@24	22.05	25.13	0.326	30	Pass
5MHz_High_16QAM_12@0	21.57	24.65	0.292	30	Pass
5MHz_High_16QAM_12@7	21.51	24.59	0.288	30	Pass
5MHz_High_16QAM_12@13	21.41	24.49	0.281	30	Pass
5MHz_High_16QAM_25@0	21.51	24.59	0.288	30	Pass
10MHz_Low_QPSK_1@0	23.35	26.43	0.440	30	Pass
10MHz_Low_QPSK_1@25	23.62	26.70	0.468	30	Pass
10MHz_Low_QPSK_1@49	23.44	26.52	0.449	30	Pass
10MHz_Low_QPSK_25@0	22.58	25.66	0.368	30	Pass
10MHz_Low_QPSK_25@12	22.46	25.54	0.358	30	Pass
10MHz_Low_QPSK_25@25	22.43	25.51	0.356	30	Pass
10MHz_Low_QPSK_50@0	22.56	25.64	0.366	30	Pass
10MHz_Low_16QAM_1@0	22.32	25.40	0.347	30	Pass
10MHz_Low_16QAM_1@25	22.33	25.41	0.348	30	Pass
10MHz_Low_16QAM_1@49	22.18	25.26	0.336	30	Pass
10MHz_Low_16QAM_25@0	21.71	24.79	0.301	30	Pass
10MHz_Low_16QAM_25@12	21.76	24.84	0.305	30	Pass
10MHz_Low_16QAM_25@25	21.47	24.55	0.285	30	Pass
10MHz_Low_16QAM_50@0	21.47	24.55	0.285	30	Pass
10MHz_Middle_QPSK_1@0	23.51	26.59	0.456	30	Pass
10MHz_Middle_QPSK_1@25	23.77	26.85	0.484	30	Pass
10MHz_Middle_QPSK_1@49	23.41	26.49	0.446	30	Pass
10MHz_Middle_QPSK_25@0	22.42	25.50	0.355	30	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@12	22.50	25.58	0.361	30	Pass
10MHz_Middle_QPSK_25@25	22.47	25.55	0.359	30	Pass
10MHz_Middle_QPSK_50@0	22.49	25.57	0.361	30	Pass
10MHz_Middle_16QAM_1@0	22.66	25.74	0.375	30	Pass
10MHz_Middle_16QAM_1@25	23.22	26.30	0.427	30	Pass
10MHz_Middle_16QAM_1@49	23.18	26.26	0.423	30	Pass
10MHz_Middle_16QAM_25@0	21.54	24.62	0.290	30	Pass
10MHz_Middle_16QAM_25@12	21.53	24.61	0.289	30	Pass
10MHz_Middle_16QAM_25@25	21.69	24.77	0.300	30	Pass
10MHz_Middle_16QAM_50@0	21.45	24.53	0.284	30	Pass
10MHz_High_QPSK_1@0	23.35	26.43	0.440	30	Pass
10MHz_High_QPSK_1@25	23.81	26.89	0.489	30	Pass
10MHz_High_QPSK_1@49	23.25	26.33	0.430	30	Pass
10MHz_High_QPSK_25@0	22.44	25.52	0.356	30	Pass
10MHz_High_QPSK_25@12	22.66	25.74	0.375	30	Pass
10MHz_High_QPSK_25@25	22.54	25.62	0.365	30	Pass
10MHz_High_QPSK_50@0	22.43	25.51	0.356	30	Pass
10MHz_High_16QAM_1@0	22.42	25.50	0.355	30	Pass
10MHz_High_16QAM_1@25	22.55	25.63	0.366	30	Pass
10MHz_High_16QAM_1@49	21.90	24.98	0.315	30	Pass
10MHz_High_16QAM_25@0	21.66	24.74	0.298	30	Pass
10MHz_High_16QAM_25@12	21.67	24.75	0.299	30	Pass
10MHz_High_16QAM_25@25	21.78	24.86	0.306	30	Pass
10MHz_High_16QAM_50@0	21.53	24.61	0.289	30	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 = 5.23dBi;

2.Cable Loss = 0dB.

LTE Band 13, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	22.95	25.16	0.328	30	Pass
5MHz_Low_QPSK_1@12	23.27	25.48	0.353	30	Pass
5MHz_Low_QPSK_1@24	23.46	25.67	0.369	30	Pass
5MHz_Low_QPSK_12@0	22.25	24.46	0.279	30	Pass
5MHz_Low_QPSK_12@7	22.38	24.59	0.288	30	Pass
5MHz_Low_QPSK_12@13	22.56	24.77	0.300	30	Pass
5MHz_Low_QPSK_25@0	22.54	24.75	0.299	30	Pass
5MHz_Low_16QAM_1@0	22.41	24.62	0.290	30	Pass
5MHz_Low_16QAM_1@12	22.63	24.84	0.305	30	Pass
5MHz_Low_16QAM_1@24	22.82	25.03	0.318	30	Pass
5MHz_Low_16QAM_12@0	21.12	23.33	0.215	30	Pass
5MHz_Low_16QAM_12@7	21.32	23.53	0.225	30	Pass
5MHz_Low_16QAM_12@13	21.47	23.68	0.233	30	Pass
5MHz_Low_16QAM_25@0	21.42	23.63	0.231	30	Pass
5MHz_High_QPSK_1@0	23.36	25.57	0.361	30	Pass
5MHz_High_QPSK_1@12	23.22	25.43	0.349	30	Pass
5MHz_High_QPSK_1@24	23.05	25.26	0.336	30	Pass
5MHz_High_QPSK_12@0	22.57	24.78	0.301	30	Pass
5MHz_High_QPSK_12@7	22.55	24.76	0.299	30	Pass
5MHz_High_QPSK_12@13	22.39	24.60	0.288	30	Pass
5MHz_High_QPSK_25@0	22.48	24.69	0.294	30	Pass
5MHz_High_16QAM_1@0	22.95	25.16	0.328	30	Pass
5MHz_High_16QAM_1@12	22.55	24.76	0.299	30	Pass
5MHz_High_16QAM_1@24	22.17	24.38	0.274	30	Pass
5MHz_High_16QAM_12@0	21.64	23.85	0.243	30	Pass
5MHz_High_16QAM_12@7	21.65	23.86	0.243	30	Pass
5MHz_High_16QAM_12@13	21.60	23.81	0.240	30	Pass
5MHz_High_16QAM_25@0	21.53	23.74	0.237	30	Pass
10MHz_Middle_QPSK_1@0	23.15	25.36	0.344	30	Pass
10MHz_Middle_QPSK_1@25	23.82	26.03	0.401	30	Pass
10MHz_Middle_QPSK_1@49	23.21	25.42	0.348	30	Pass
10MHz_Middle_QPSK_25@0	22.48	24.69	0.294	30	Pass
10MHz_Middle_QPSK_25@12	22.68	24.89	0.308	30	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Middle_QPSK_25@25	22.63	24.84	0.305	30	Pass
10MHz_Middle_QPSK_50@0	22.50	24.71	0.296	30	Pass
10MHz_Middle_16QAM_1@0	22.23	24.44	0.278	30	Pass
10MHz_Middle_16QAM_1@25	22.55	24.76	0.299	30	Pass
10MHz_Middle_16QAM_1@49	21.76	23.97	0.249	30	Pass
10MHz_Middle_16QAM_25@0	21.36	23.57	0.228	30	Pass
10MHz_Middle_16QAM_25@12	21.87	24.08	0.256	30	Pass
10MHz_Middle_16QAM_25@25	21.78	23.99	0.251	30	Pass
10MHz_Middle_16QAM_50@0	21.40	23.61	0.230	30	Pass

Note:

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

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

Band 13:

1.Antenna Gain = 4.36dBi;

2.Cable Loss = 0dB.

Frequency stability**Test Information:**

Sample No.:	38PR-1	Test Date:	2025/09/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.6	Relative Humidity: (%)	43	ATM Pressure: (kPa)	100.6
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FCC Part 24E**LTE Band 2**

Mode	Environment	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	TN/VN	1851.129	1908.931	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.189	1908.871	1850 ~ 1910	Pass
20MHz_QPSK_100@0	TN/VH	1851.158	1908.767	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.033	1908.779	1850 ~ 1910	Pass
20MHz_QPSK_100@0	TN/VL	1851.193	1908.732	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.029	1908.916	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T1/VN	1851.164	1908.924	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.152	1908.788	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T2/VN	1851.138	1908.812	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.169	1908.807	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T3/VN	1851.068	1908.704	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.154	1908.774	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T4/VN	1851.261	1908.868	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.085	1908.696	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T5/VN	1851.064	1908.776	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.088	1908.803	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T6/VN	1851.071	1908.740	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.210	1908.666	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T7/VN	1851.062	1908.691	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.213	1908.876	1850 ~ 1910	Pass
20MHz_QPSK_100@0	T8/VN	1851.110	1908.870	1850 ~ 1910	Pass
20MHz_16QAM_100@0		1851.099	1908.753	1850 ~ 1910	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: AC 120V; VL: AC 102V; VH: AC 138V.

FCC Part 27**LTE Band 4**

Mode	Environment	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	TN/VN	1711.129	1753.931	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.129	1753.931	1710 ~ 1755	Pass
20MHz_QPSK_100@0	TN/VH	1711.088	1753.883	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.177	1753.885	1710 ~ 1755	Pass
20MHz_QPSK_100@0	TN/VL	1711.107	1753.868	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.180	1753.825	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T1/VN	1711.070	1753.961	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.197	1753.811	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T2/VN	1711.059	1753.871	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.137	1753.960	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T3/VN	1711.135	1753.914	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.110	1753.893	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T4/VN	1711.032	1753.816	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.196	1753.924	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T5/VN	1711.153	1753.920	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.202	1753.911	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T6/VN	1711.092	1753.834	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.034	1753.951	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T7/VN	1711.176	1753.915	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.048	1753.884	1710 ~ 1755	Pass
20MHz_QPSK_100@0	T8/VN	1711.136	1753.830	1710 ~ 1755	Pass
20MHz_16QAM_100@0		1711.062	1753.815	1710 ~ 1755	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: AC 120V; VL: AC 102V; VH: AC 138V.

LTE Band 12

Mode	Environment	F L (MHz)	F H (MHz)	Limit (MHz)	Verdict
10MHz_QPSK_50@0	TN/VN	699.460	715.535	699 ~ 716	Pass
10MHz_16QAM_50@0		699.557	715.635	699 ~ 716	Pass
10MHz_QPSK_50@0	TN/VH	699.475	715.520	699 ~ 716	Pass
10MHz_16QAM_50@0		699.554	715.626	699 ~ 716	Pass
10MHz_QPSK_50@0	TN/VL	699.444	715.564	699 ~ 716	Pass
10MHz_16QAM_50@0		699.600	715.589	699 ~ 716	Pass
10MHz_QPSK_50@0	T1/VN	699.517	715.567	699 ~ 716	Pass
10MHz_16QAM_50@0		699.593	715.681	699 ~ 716	Pass
10MHz_QPSK_50@0	T2/VN	699.460	715.547	699 ~ 716	Pass
10MHz_16QAM_50@0		699.568	715.539	699 ~ 716	Pass
10MHz_QPSK_50@0	T3/VN	699.464	715.641	699 ~ 716	Pass
10MHz_16QAM_50@0		699.427	715.611	699 ~ 716	Pass
10MHz_QPSK_50@0	T4/VN	699.564	715.544	699 ~ 716	Pass
10MHz_16QAM_50@0		699.436	715.547	699 ~ 716	Pass
10MHz_QPSK_50@0	T5/VN	699.541	715.649	699 ~ 716	Pass
10MHz_16QAM_50@0		699.477	715.568	699 ~ 716	Pass
10MHz_QPSK_50@0	T6/VN	699.422	715.508	699 ~ 716	Pass
10MHz_16QAM_50@0		699.597	715.645	699 ~ 716	Pass
10MHz_QPSK_50@0	T7/VN	699.457	715.675	699 ~ 716	Pass
10MHz_16QAM_50@0		699.529	715.570	699 ~ 716	Pass
10MHz_QPSK_50@0	T8/VN	699.500	715.612	699 ~ 716	Pass
10MHz_16QAM_50@0		699.475	715.682	699 ~ 716	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: AC 120V; VL: AC 102V; VH: AC 138V.

LTE Band 13

Mode	Environment	F L (MHz)	F H (MHz)	Limit (MHz)	Verdict
10MHz_QPSK_50@0	TN/VN	777.564	786.466	777 ~ 787	Pass
10MHz_16QAM_50@0		777.564	786.466	777 ~ 787	Pass
10MHz_QPSK_50@0	TN/VH	777.570	786.637	777 ~ 787	Pass
10MHz_16QAM_50@0		777.579	786.588	777 ~ 787	Pass
10MHz_QPSK_50@0	TN/VL	777.477	786.527	777 ~ 787	Pass
10MHz_16QAM_50@0		777.484	786.685	777 ~ 787	Pass
10MHz_QPSK_50@0	T1/VN	777.566	786.521	777 ~ 787	Pass
10MHz_16QAM_50@0		777.598	786.672	777 ~ 787	Pass
10MHz_QPSK_50@0	T2/VN	777.580	786.554	777 ~ 787	Pass
10MHz_16QAM_50@0		777.569	786.682	777 ~ 787	Pass
10MHz_QPSK_50@0	T3/VN	777.560	786.645	777 ~ 787	Pass
10MHz_16QAM_50@0		777.478	786.654	777 ~ 787	Pass
10MHz_QPSK_50@0	T4/VN	777.512	786.528	777 ~ 787	Pass
10MHz_16QAM_50@0		777.563	786.543	777 ~ 787	Pass
10MHz_QPSK_50@0	T5/VN	777.586	786.678	777 ~ 787	Pass
10MHz_16QAM_50@0		777.490	786.616	777 ~ 787	Pass
10MHz_QPSK_50@0	T6/VN	777.554	786.598	777 ~ 787	Pass
10MHz_16QAM_50@0		777.552	786.692	777 ~ 787	Pass
10MHz_QPSK_50@0	T7/VN	777.485	786.519	777 ~ 787	Pass
10MHz_16QAM_50@0		777.458	786.597	777 ~ 787	Pass
10MHz_QPSK_50@0	T8/VN	777.598	786.529	777 ~ 787	Pass
10MHz_16QAM_50@0		777.412	786.548	777 ~ 787	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: AC 120V; VL: AC 102V; VH: AC 138V.

RF EXPOSURE EVALUATION

MPE-Based Exemption

Applicable Standard

According to subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

According to KDB 447498 D04 v01 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(3)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

R is the minimum separation distance in meters

f = frequency in MHz

For multiple RF sources: Multiple RF sources are exempt if:

in the case of fixed RF sources operating in the same time-averaging period, or of multiple mobile or portable RF sources within a device operating in the same time averaging period, if the sum of the fractional contributions to the applicable thresholds is less than or equal to 1 as indicated in the following equation:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

Result

Mode	Frequency (MHz)	Tune up conducted power [#] (dBm)	Antenna Gain [#]		ERP		Evaluation Distance (m)	ERP Limit (mW)
			(dBi)	(dBd)	(dBm)	(mW)		
DECT	1921.536-1928.448	19.0	4.13	1.98	20.98	125.31	0.3	1728
LTE B2	1850-1910	24.0	3.47	1.32	25.32	340.41	0.3	1728
LTE B4	1710-1755	24.0	3.44	1.29	25.29	338.06	0.3	1728
LTE B12	699-716	24.0	5.23	3.08	27.08	510.50	0.3	805
LTE B13	777-787	24.0	4.36	2.21	26.21	417.83	0.3	895

Note: 1. The tune up conducted power and antenna gain was declared by the applicant.
2. 0dBd=2.15dBi

Simultaneous transmitting consideration (worst case):

The ratio= $ERP_{DECT}/limit + ERP_{LTE\ B13}/limit = 125.31/1728 + 510.50/805 = 0.707 < 1.0$

So simultaneous exposure is compliant.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 30cm from nearby persons.

Result: Compliant

EUT PHOTOGRAPHS

Please refer to the attachment 2501V00086E-RF-EXP External photo and 2501V00086E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501V00086E-RF-00A-TSP Test Setup photo.

******* END OF REPORT *******