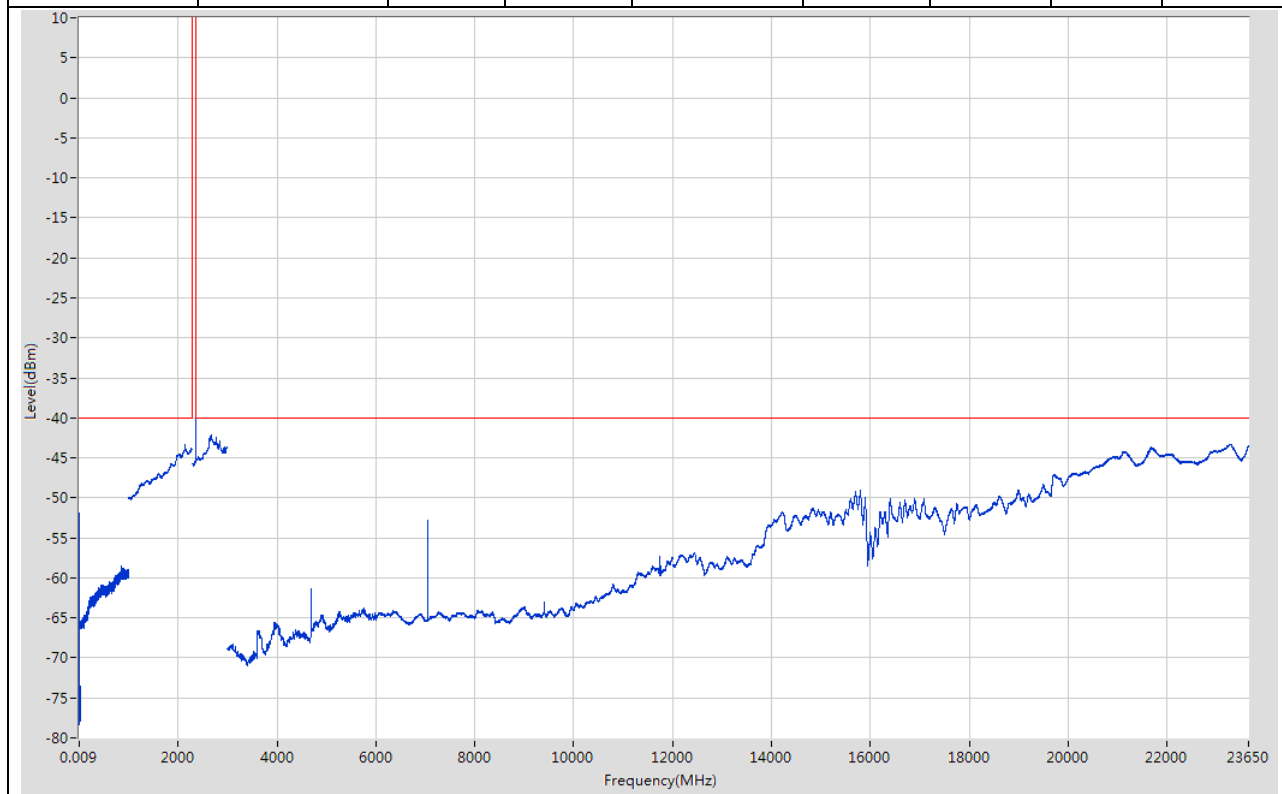


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band40

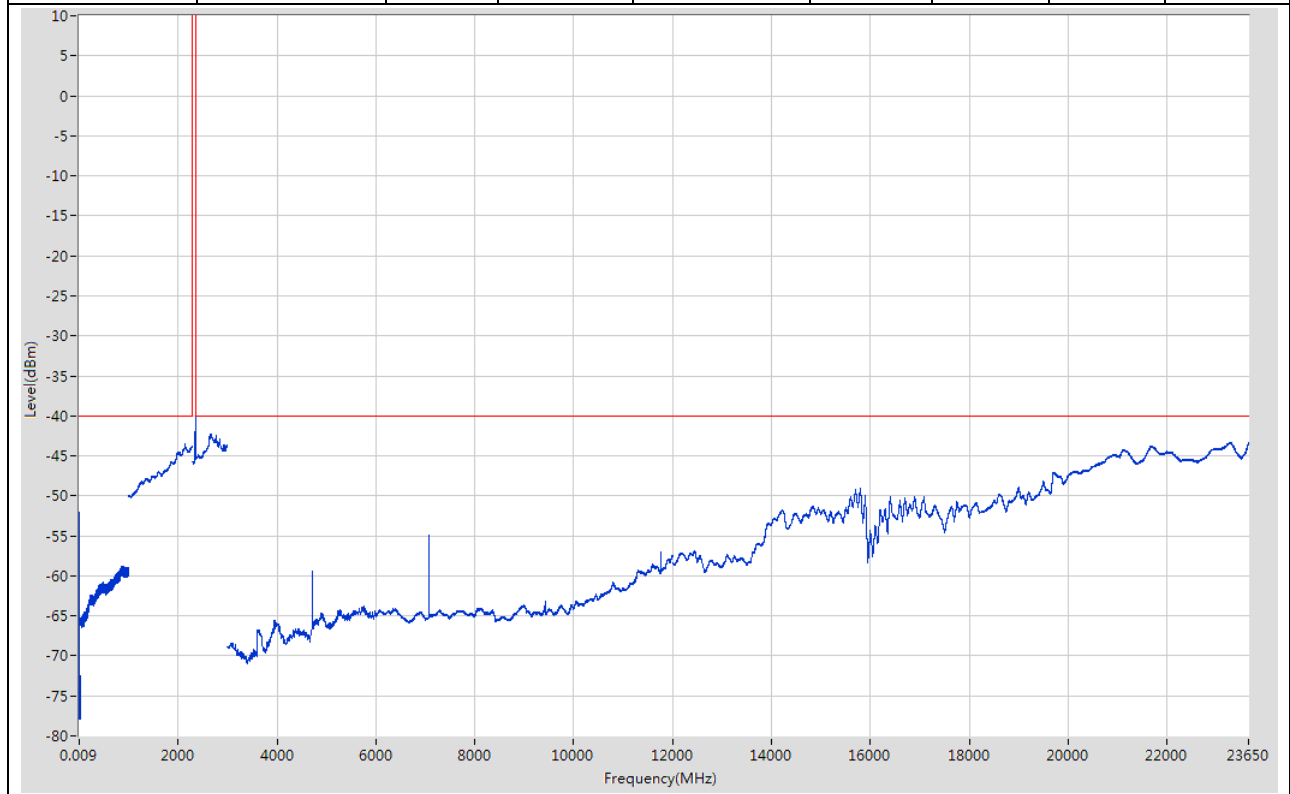
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:39175, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.95	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.55	-40	Pass	2986
30	1000	0.1	RMS	859.3	-58.57	-40	Pass	9701
1000	2288	1	RMS	2140	-43.39	-40	Pass	1289
2288	2365	1	RMS	2350.37	4.3	60	Pass	401
2365	3000	1	RMS	2669	-42.18	-40	Pass	636
3000	12000	1	RMS	7051	-52.77	-40	Pass	9001
12000	23650	1	RMS	23280	-43.27	-40	Pass	11651



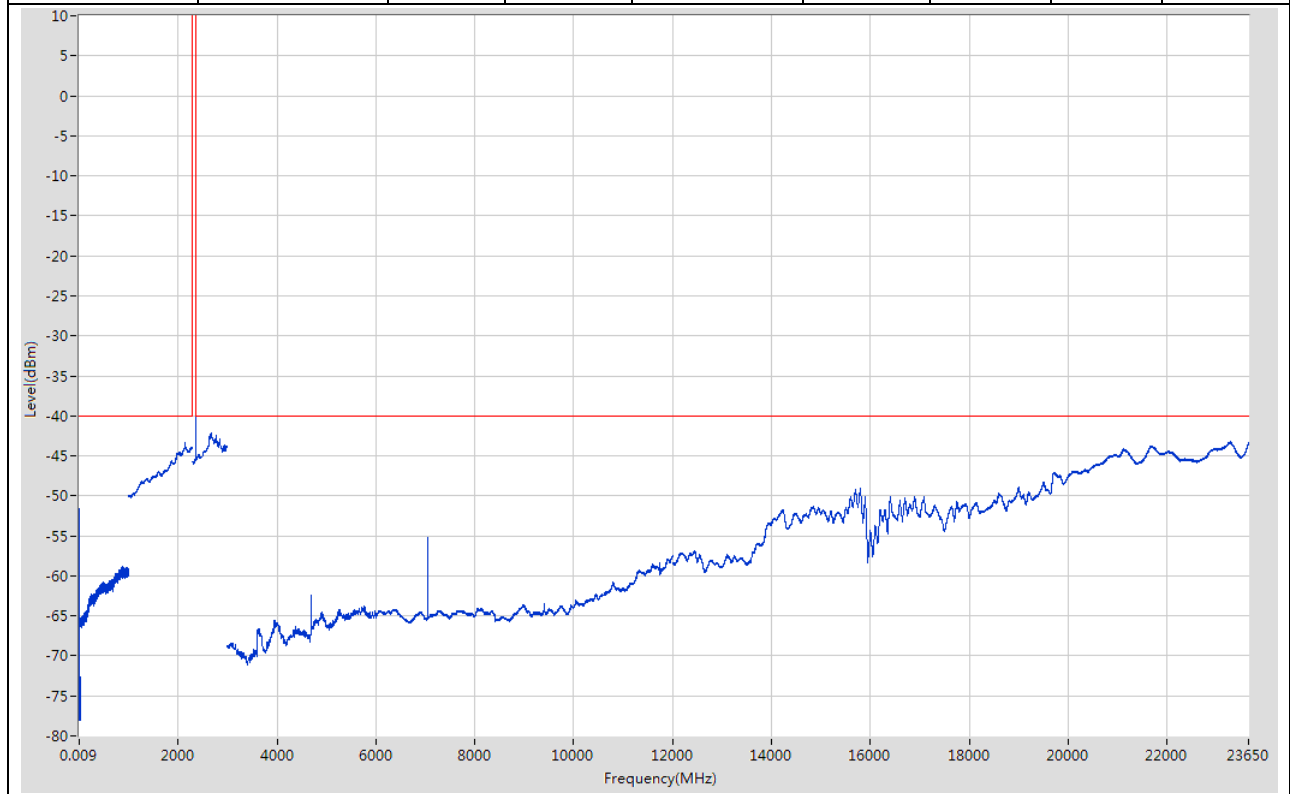
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:39175, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.03	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.62	-40	Pass	2986
30	1000	0.1	RMS	898.8	-58.82	-40	Pass	9701
1000	2288	1	RMS	2141	-43.43	-40	Pass	1289
2288	2365	1	RMS	2354.605	4.45	60	Pass	401
2365	3000	1	RMS	2663	-42.24	-40	Pass	636
3000	12000	1	RMS	7064	-54.85	-40	Pass	9001
12000	23650	1	RMS	23283	-43.28	-40	Pass	11651



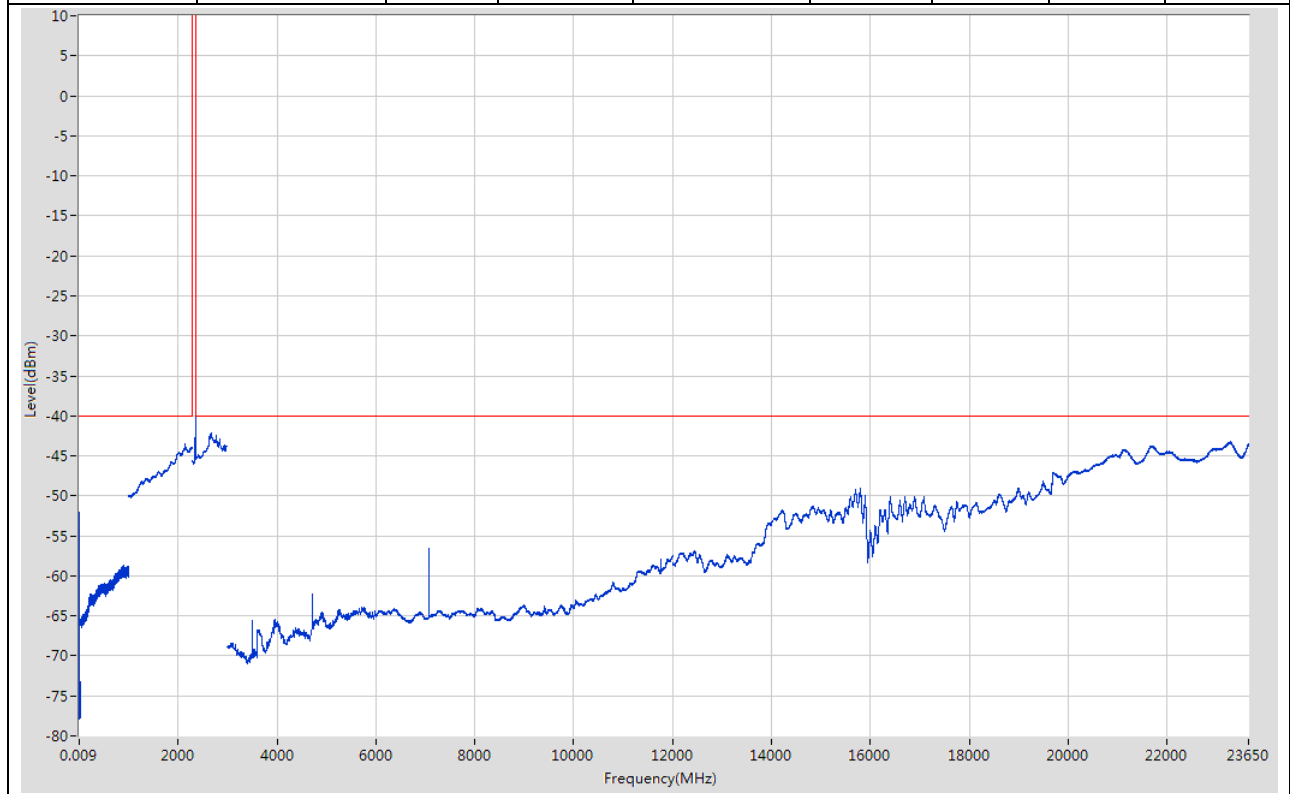
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:39175, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.62	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.49	-40	Pass	2986
30	1000	0.1	RMS	869.8	-58.75	-40	Pass	9701
1000	2288	1	RMS	2140	-43.35	-40	Pass	1289
2288	2365	1	RMS	2350.37	3.58	60	Pass	401
2365	3000	1	RMS	2668	-42.21	-40	Pass	636
3000	12000	1	RMS	7051	-55.19	-40	Pass	9001
12000	23650	1	RMS	23286	-43.26	-40	Pass	11651



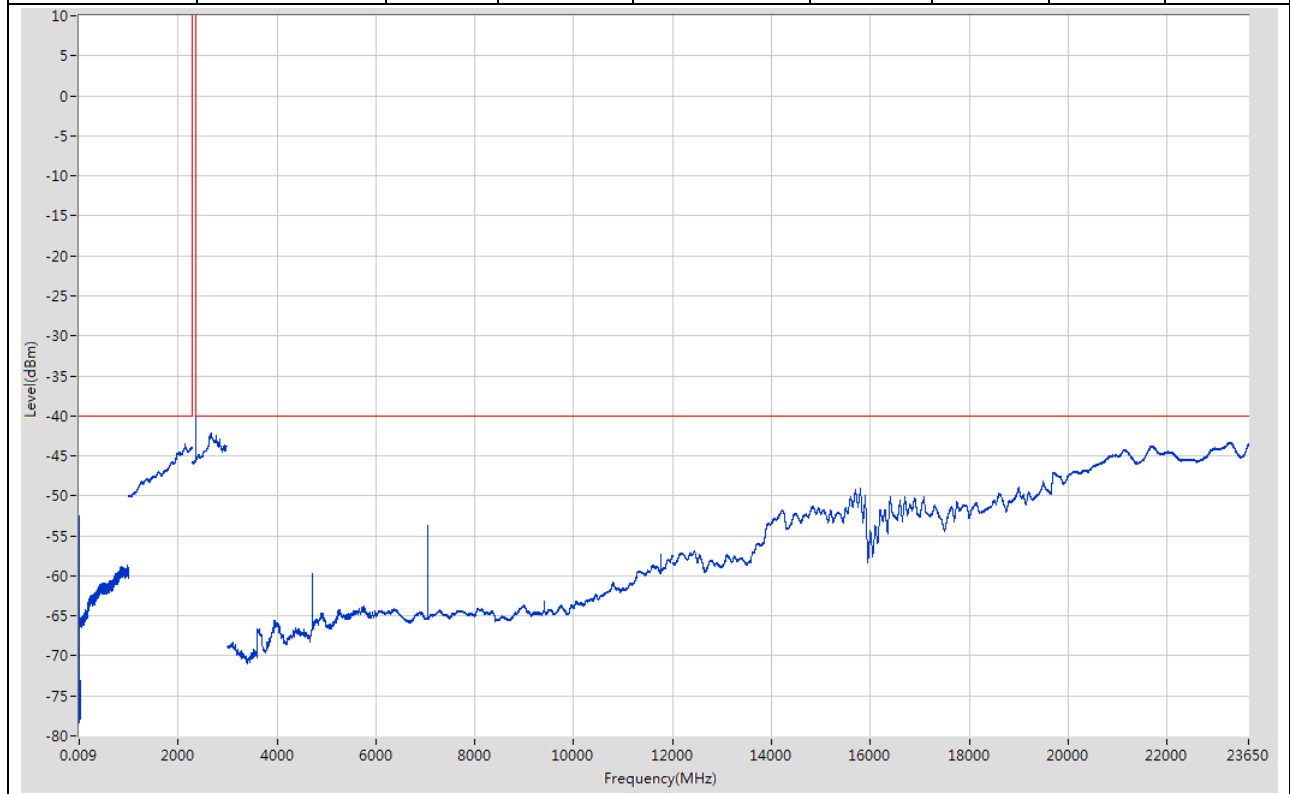
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:39175, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.03	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.59	-40	Pass	2986
30	1000	0.1	RMS	901.9	-58.64	-40	Pass	9701
1000	2288	1	RMS	2142	-43.45	-40	Pass	1289
2288	2365	1	RMS	2354.605	3.73	60	Pass	401
2365	3000	1	RMS	2668	-42.17	-40	Pass	636
3000	12000	1	RMS	7064	-56.51	-40	Pass	9001
12000	23650	1	RMS	23284	-43.26	-40	Pass	11651



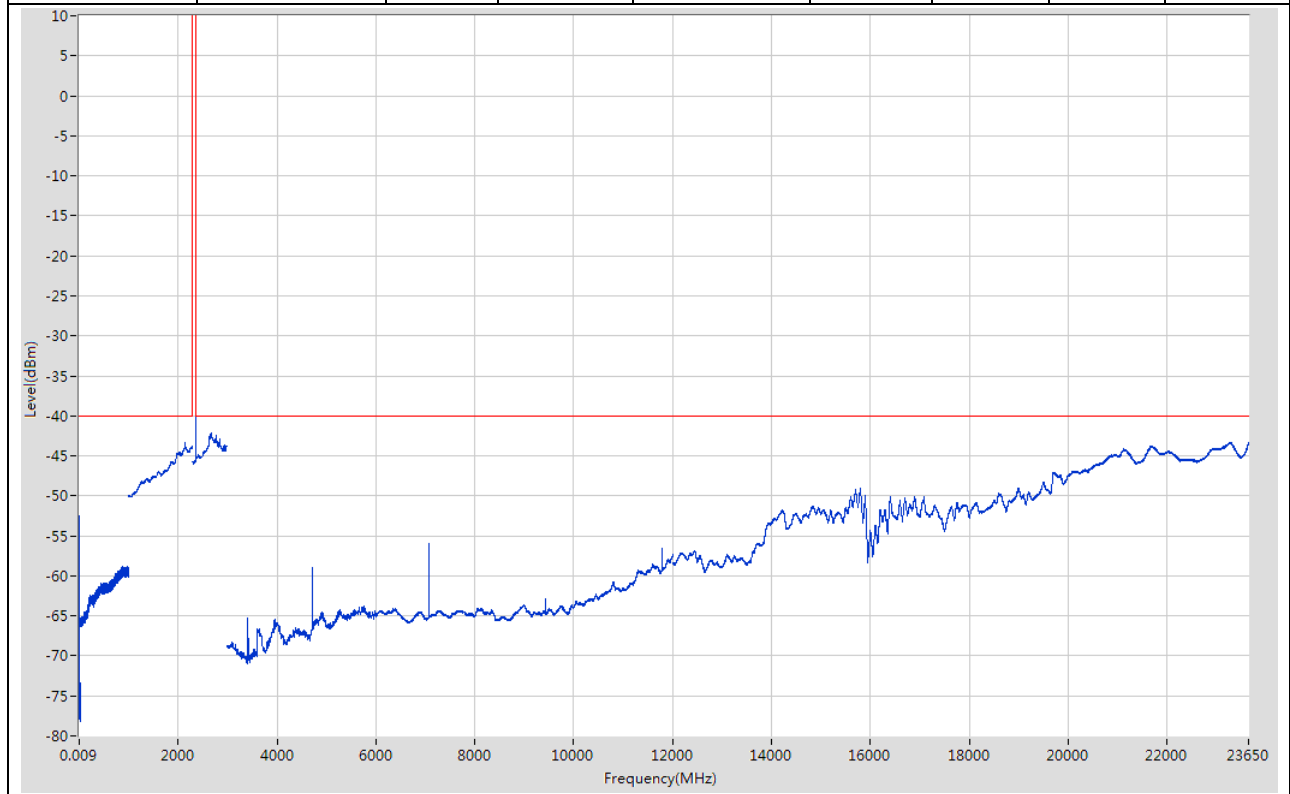
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:39200, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.45	-40	Pass	401
0.15	30	0.01	RMS	0.15	-53.95	-40	Pass	2986
30	1000	0.1	RMS	977	-58.6	-40	Pass	9701
1000	2288	1	RMS	2140	-43.43	-40	Pass	1289
2288	2365	1	RMS	2352.873	4.32	60	Pass	401
2365	3000	1	RMS	2667	-42.19	-40	Pass	636
3000	12000	1	RMS	7058	-53.72	-40	Pass	9001
12000	23650	1	RMS	23285	-43.27	-40	Pass	11651



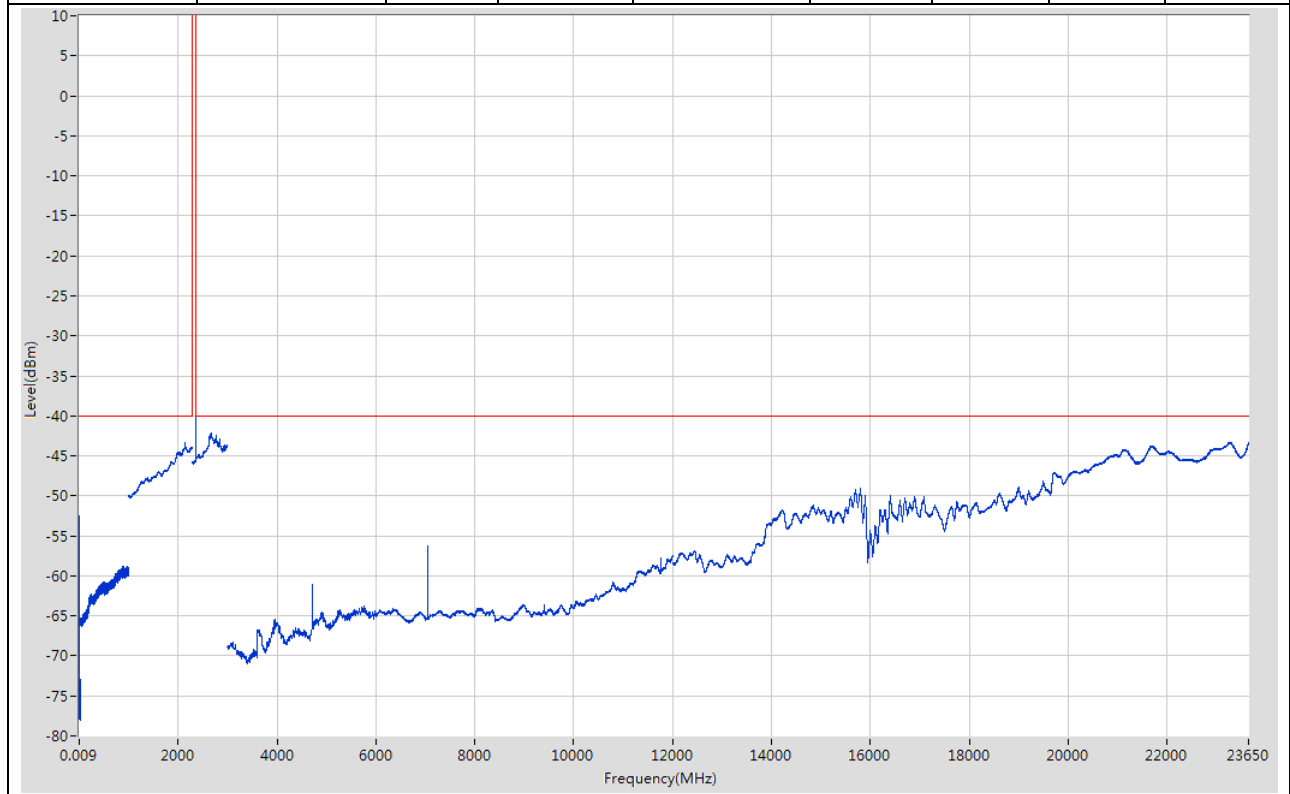
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:39200, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.46	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.26	-40	Pass	2986
30	1000	0.1	RMS	978.1	-58.76	-40	Pass	9701
1000	2288	1	RMS	2140	-43.4	-40	Pass	1289
2288	2365	1	RMS	2357.108	4.57	60	Pass	401
2365	3000	1	RMS	2669	-42.18	-40	Pass	636
3000	12000	1	RMS	7072	-55.93	-40	Pass	9001
12000	23650	1	RMS	23283	-43.27	-40	Pass	11651



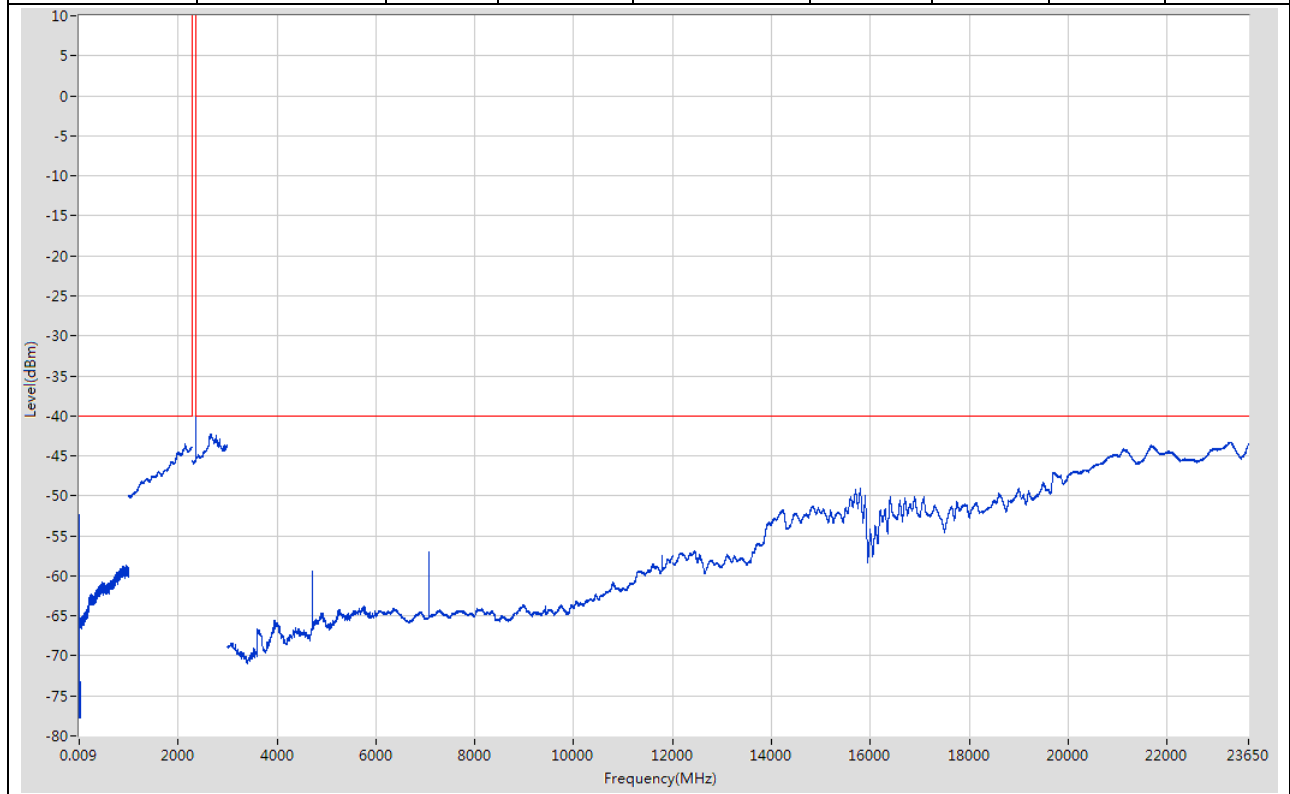
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:39200, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.54	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.46	-40	Pass	2986
30	1000	0.1	RMS	896.4	-58.83	-40	Pass	9701
1000	2288	1	RMS	2140	-43.41	-40	Pass	1289
2288	2365	1	RMS	2352.873	3.58	60	Pass	401
2365	3000	1	RMS	2670	-42.2	-40	Pass	636
3000	12000	1	RMS	7058	-56.29	-40	Pass	9001
12000	23650	1	RMS	23288	-43.28	-40	Pass	11651



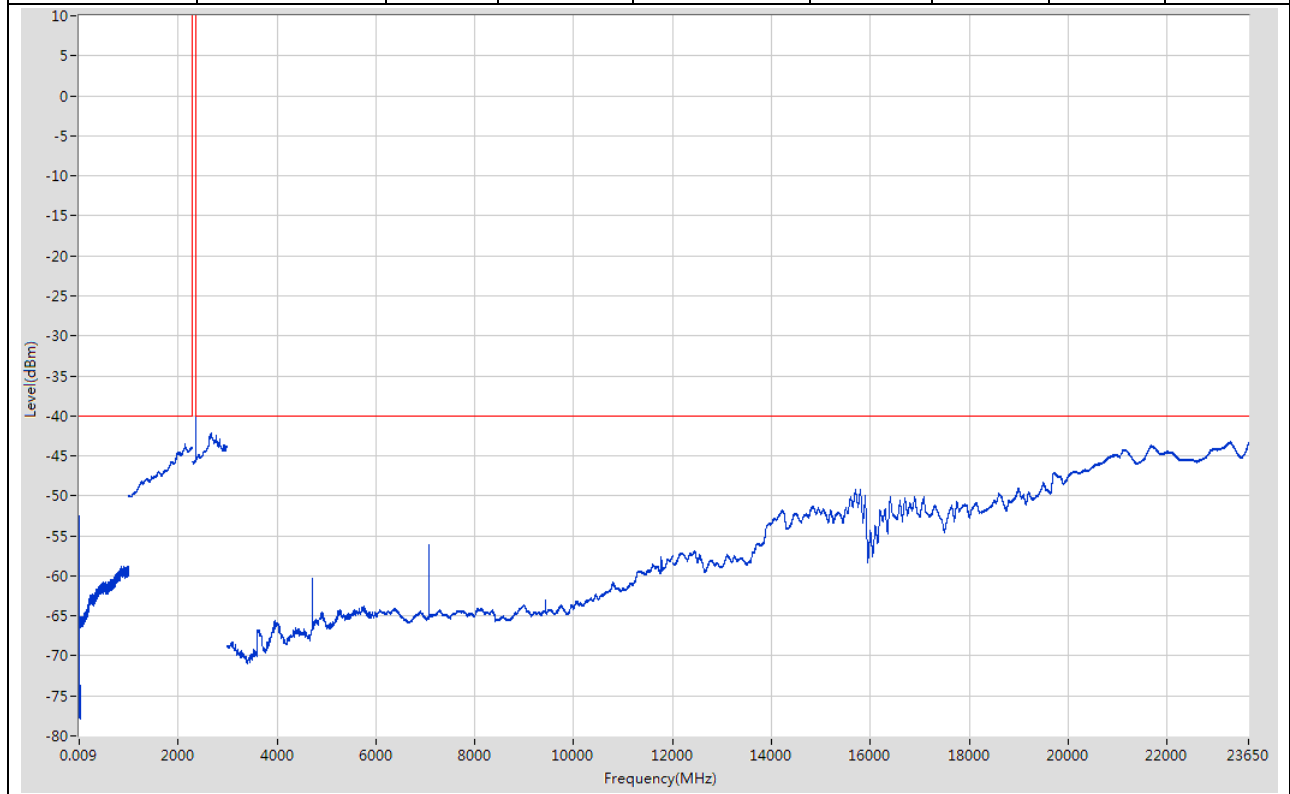
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:39200, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.4	-40	Pass	401
0.15	30	0.01	RMS	0.16	-54.87	-40	Pass	2986
30	1000	0.1	RMS	937.7	-58.71	-40	Pass	9701
1000	2288	1	RMS	2141	-43.42	-40	Pass	1289
2288	2365	1	RMS	2357.108	3.78	60	Pass	401
2365	3000	1	RMS	2666	-42.21	-40	Pass	636
3000	12000	1	RMS	7072	-57.07	-40	Pass	9001
12000	23650	1	RMS	23285	-43.27	-40	Pass	11651



1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:39225, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.55	-40	Pass	401
0.15	30	0.01	RMS	0.15	-55.23	-40	Pass	2986
30	1000	0.1	RMS	901.2	-58.8	-40	Pass	9701
1000	2288	1	RMS	2141	-43.41	-40	Pass	1289
2288	2365	1	RMS	2355.375	4.58	60	Pass	401
2365	3000	1	RMS	2669	-42.16	-40	Pass	636
3000	12000	1	RMS	7066	-56.07	-40	Pass	9001
12000	23650	1	RMS	23287	-43.23	-40	Pass	11651



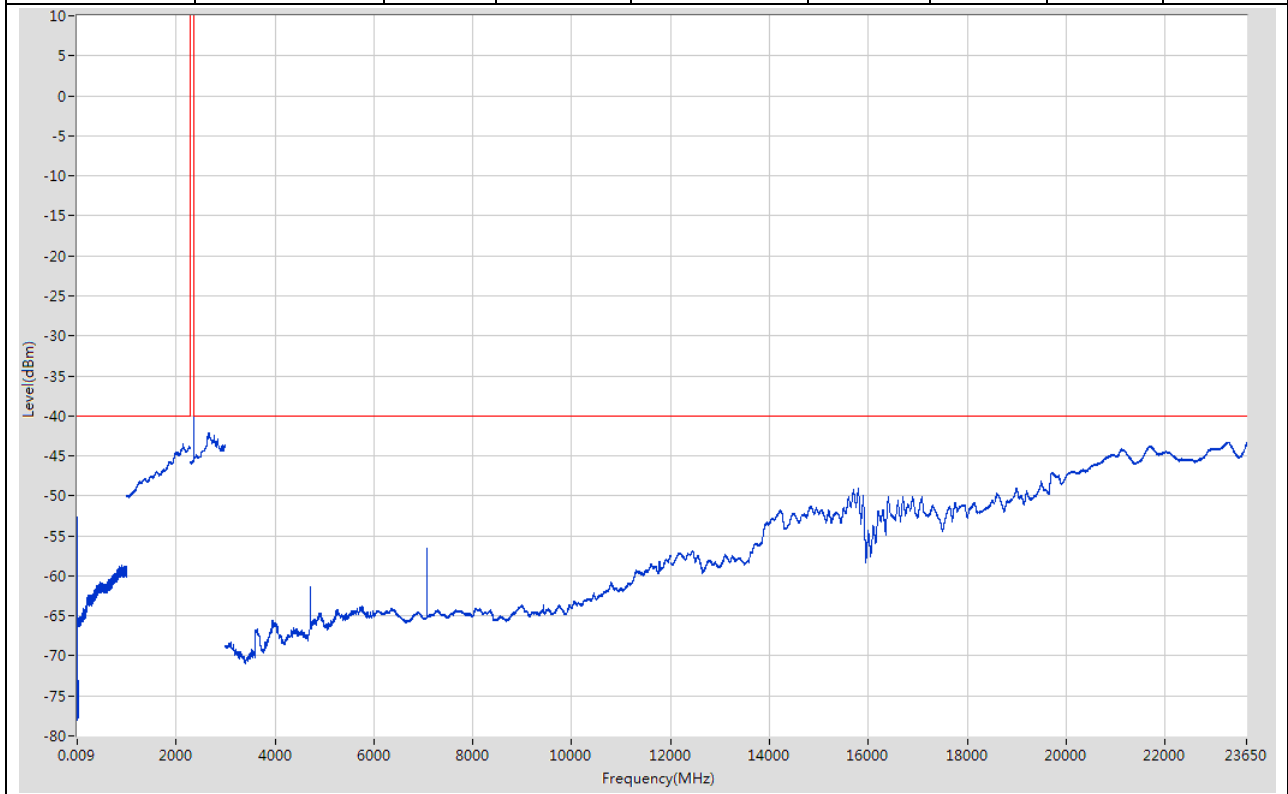
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:39225, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.33	-40	Pass	401
0.15	30	0.01	RMS	0.16	-55.22	-40	Pass	2986
30	1000	0.1	RMS	987.5	-58.87	-40	Pass	9701
1000	2288	1	RMS	2140	-43.38	-40	Pass	1289
2288	2365	1	RMS	2359.61	4.68	60	Pass	401
2365	3000	1	RMS	2663	-42.2	-40	Pass	636
3000	12000	1	RMS	7079	-55.89	-40	Pass	9001
12000	23650	1	RMS	23283	-43.28	-40	Pass	11651



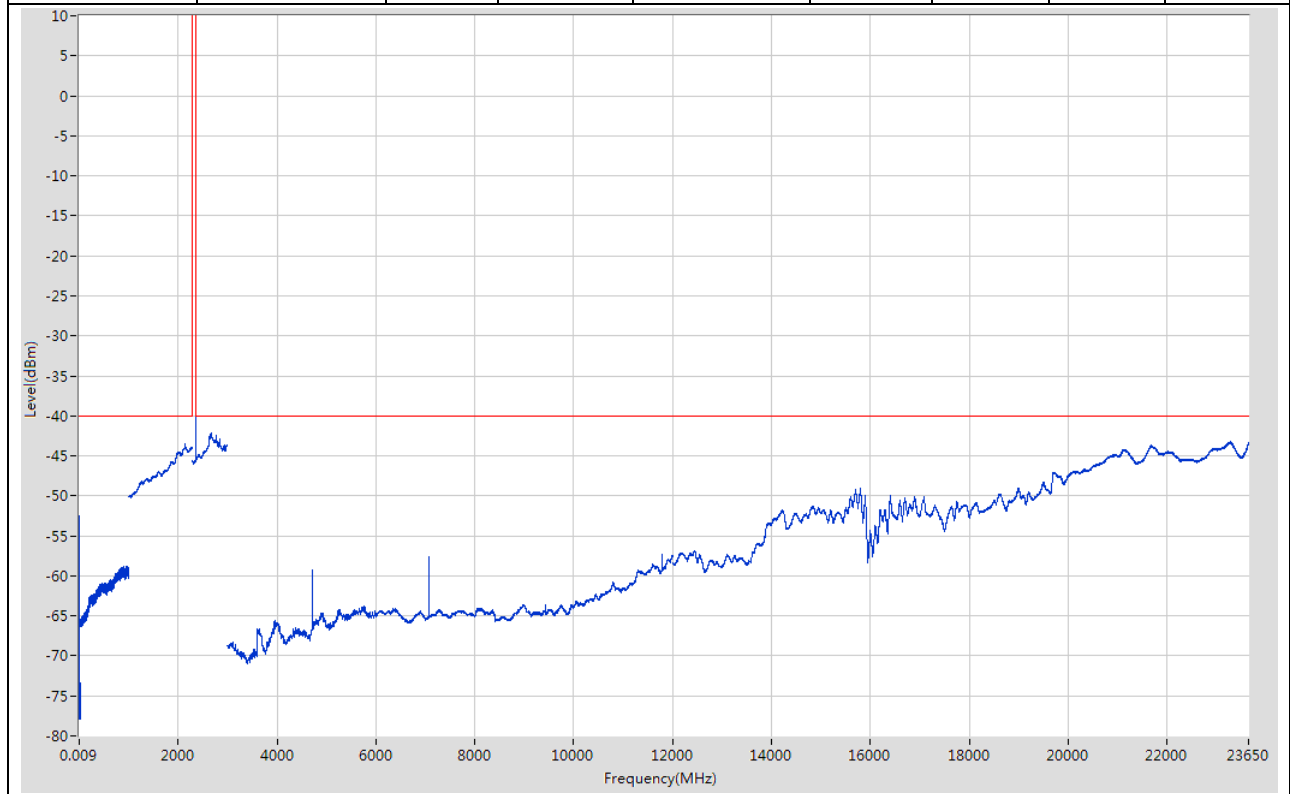
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:39225, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.69	-40	Pass	401
0.15	30	0.01	RMS	0.15	-53.84	-40	Pass	2986
30	1000	0.1	RMS	906.2	-58.74	-40	Pass	9701
1000	2288	1	RMS	2140	-43.49	-40	Pass	1289
2288	2365	1	RMS	2355.375	3.76	60	Pass	401
2365	3000	1	RMS	2661	-42.2	-40	Pass	636
3000	12000	1	RMS	7066	-56.53	-40	Pass	9001
12000	23650	1	RMS	23282	-43.27	-40	Pass	11651



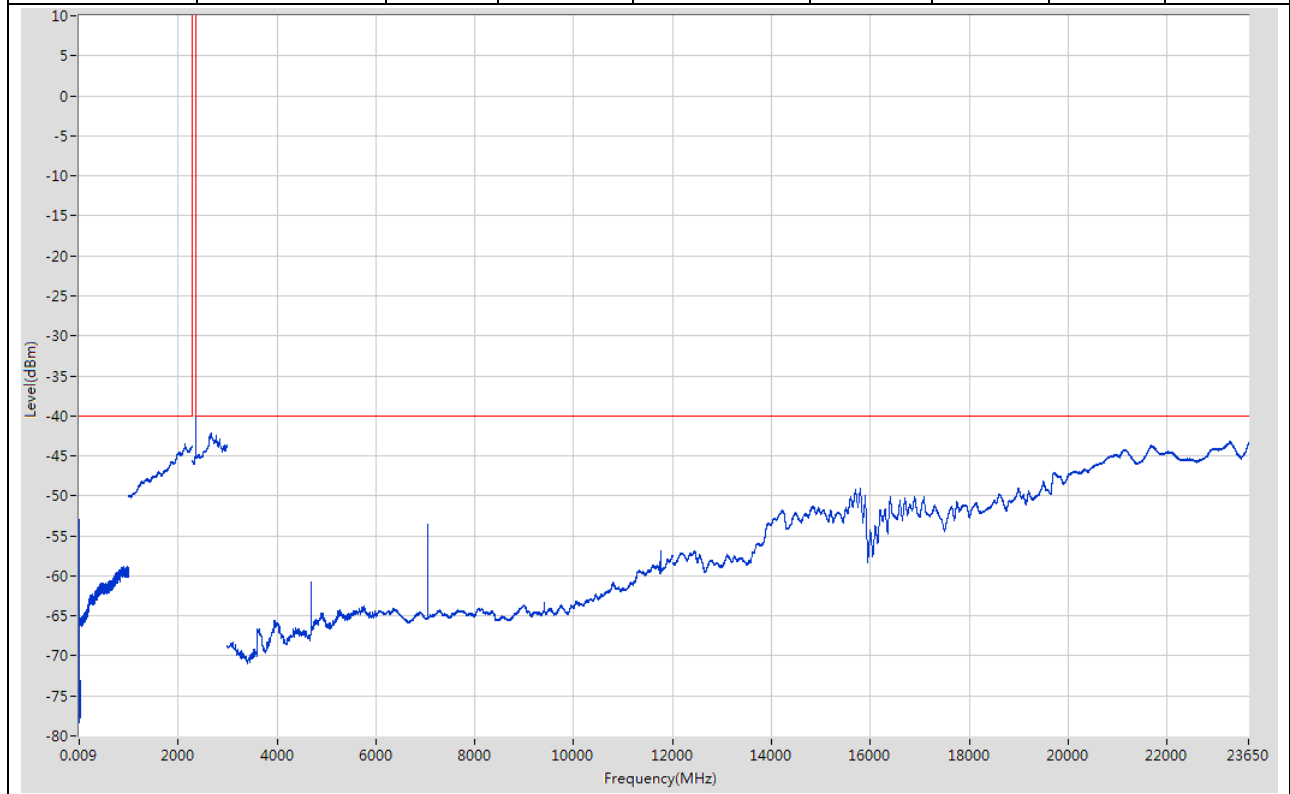
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:39225, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.55	-40	Pass	401
0.15	30	0.01	RMS	0.15	-55.42	-40	Pass	2986
30	1000	0.1	RMS	970.6	-58.8	-40	Pass	9701
1000	2288	1	RMS	2139	-43.44	-40	Pass	1289
2288	2365	1	RMS	2359.61	3.94	60	Pass	401
2365	3000	1	RMS	2667	-42.17	-40	Pass	636
3000	12000	1	RMS	11798	-57.35	-40	Pass	9001
12000	23650	1	RMS	23285	-43.24	-40	Pass	11651



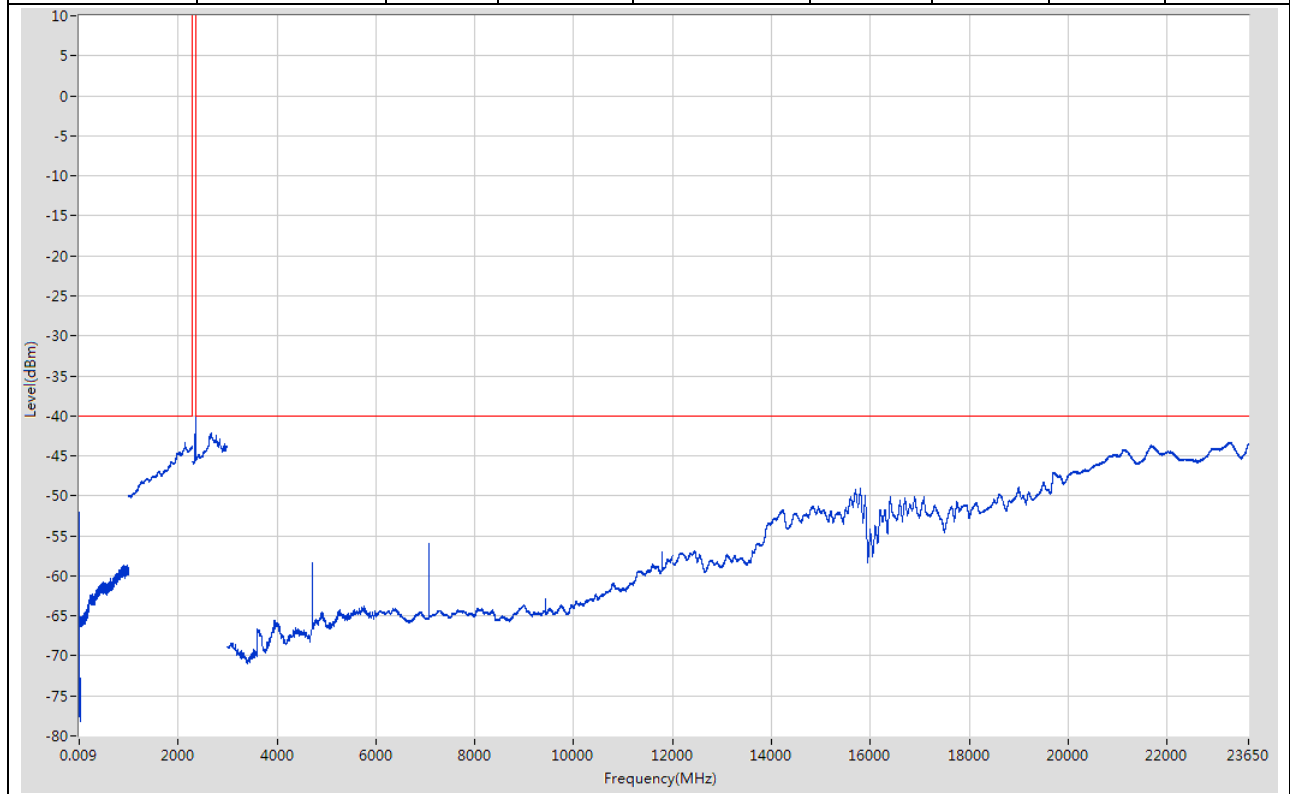
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.93	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.68	-40	Pass	2986
30	1000	0.1	RMS	897.1	-58.8	-40	Pass	9701
1000	2288	1	RMS	2142	-43.44	-40	Pass	1289
2288	2365	1	RMS	2350.563	4.45	60	Pass	401
2365	3000	1	RMS	2667	-42.19	-40	Pass	636
3000	12000	1	RMS	7051	-53.49	-40	Pass	9001
12000	23650	1	RMS	23273	-43.24	-40	Pass	11651



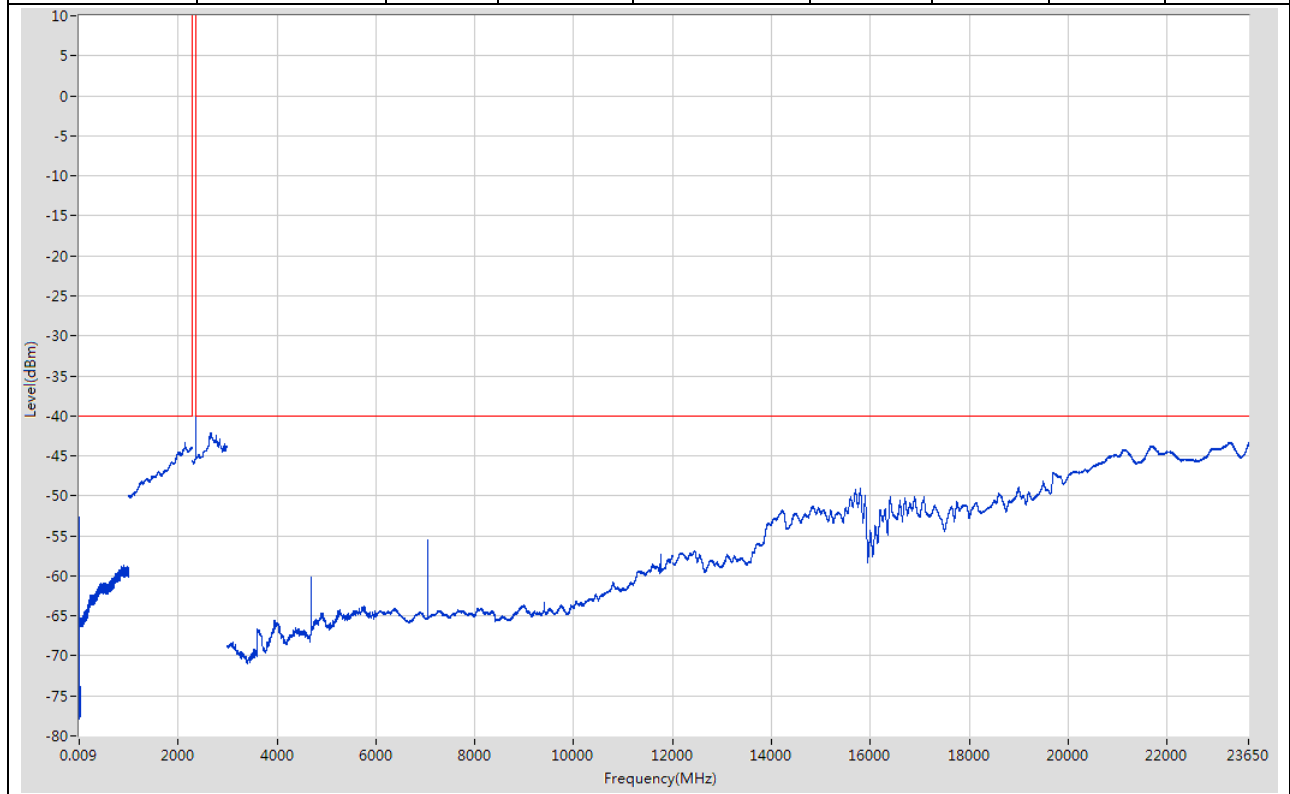
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.02	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.53	-40	Pass	2986
30	1000	0.1	RMS	982.1	-58.63	-40	Pass	9701
1000	2288	1	RMS	2140	-43.4	-40	Pass	1289
2288	2365	1	RMS	2359.418	4.74	60	Pass	401
2365	3000	1	RMS	2666	-42.19	-40	Pass	636
3000	12000	1	RMS	7078	-56.01	-40	Pass	9001
12000	23650	1	RMS	23285	-43.29	-40	Pass	11651



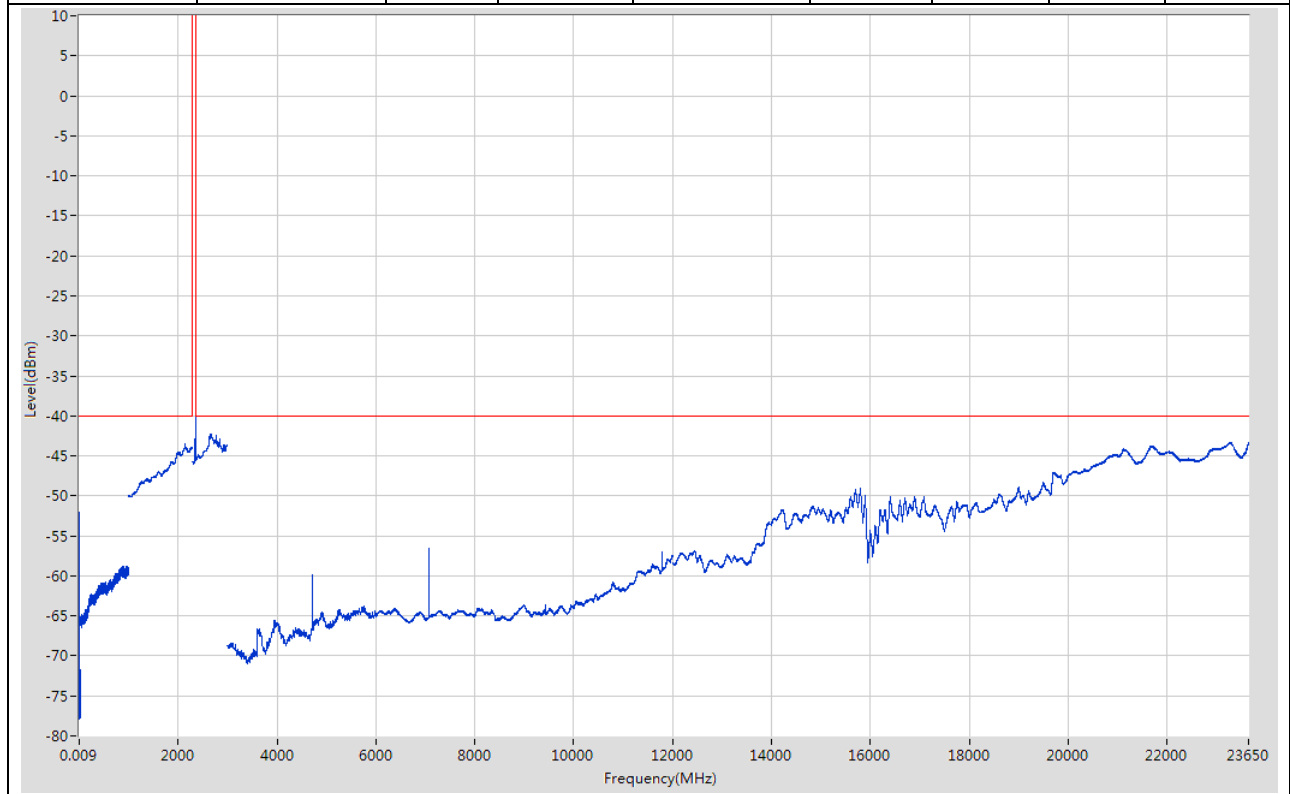
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:39200, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.7	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.92	-40	Pass	2986
30	1000	0.1	RMS	896.3	-58.72	-40	Pass	9701
1000	2288	1	RMS	2140	-43.39	-40	Pass	1289
2288	2365	1	RMS	2350.563	3.61	60	Pass	401
2365	3000	1	RMS	2660	-42.18	-40	Pass	636
3000	12000	1	RMS	7051	-55.57	-40	Pass	9001
12000	23650	1	RMS	23279	-43.27	-40	Pass	11651



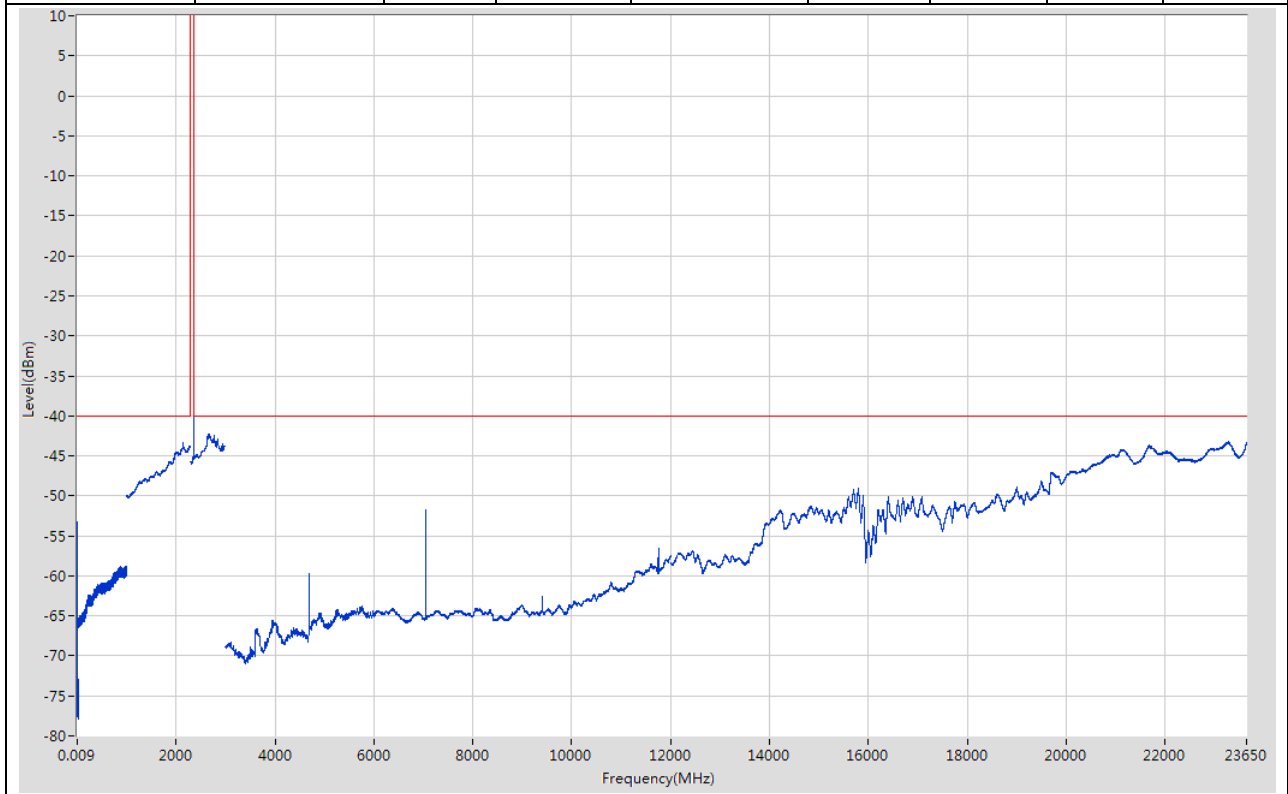
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:39200, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.09	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.54	-40	Pass	2986
30	1000	0.1	RMS	876.3	-58.79	-40	Pass	9701
1000	2288	1	RMS	2139	-43.44	-40	Pass	1289
2288	2365	1	RMS	2359.418	3.92	60	Pass	401
2365	3000	1	RMS	2666	-42.22	-40	Pass	636
3000	12000	1	RMS	7078	-56.56	-40	Pass	9001
12000	23650	1	RMS	23271	-43.27	-40	Pass	11651



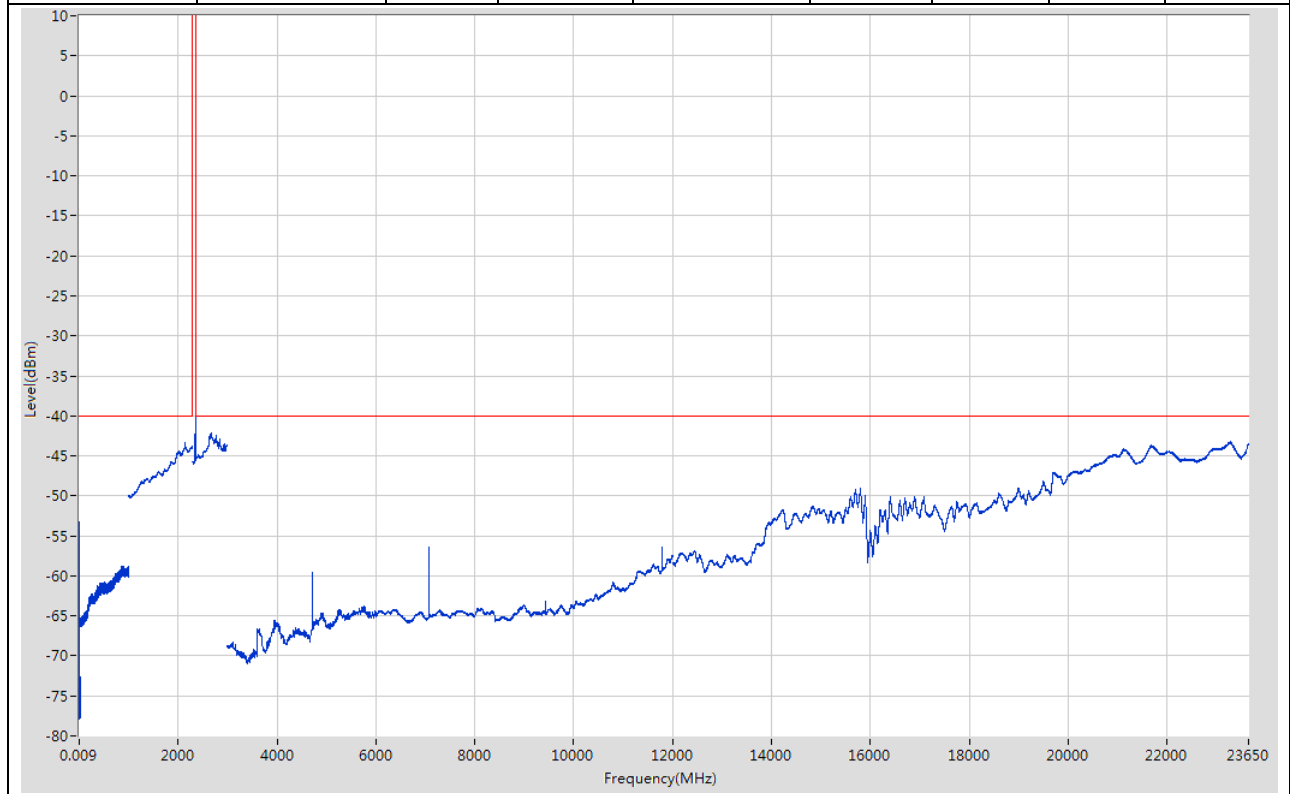
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.23	-40	Pass	401
0.15	30	0.01	RMS	0.15	-55.47	-40	Pass	2986
30	1000	0.1	RMS	968.6	-58.79	-40	Pass	9701
1000	2288	1	RMS	2140	-43.41	-40	Pass	1289
2288	2365	1	RMS	2350.563	4.46	60	Pass	401
2365	3000	1	RMS	2668	-42.22	-40	Pass	636
3000	12000	1	RMS	7052	-51.75	-40	Pass	9001
12000	23650	1	RMS	23291	-43.25	-40	Pass	11651



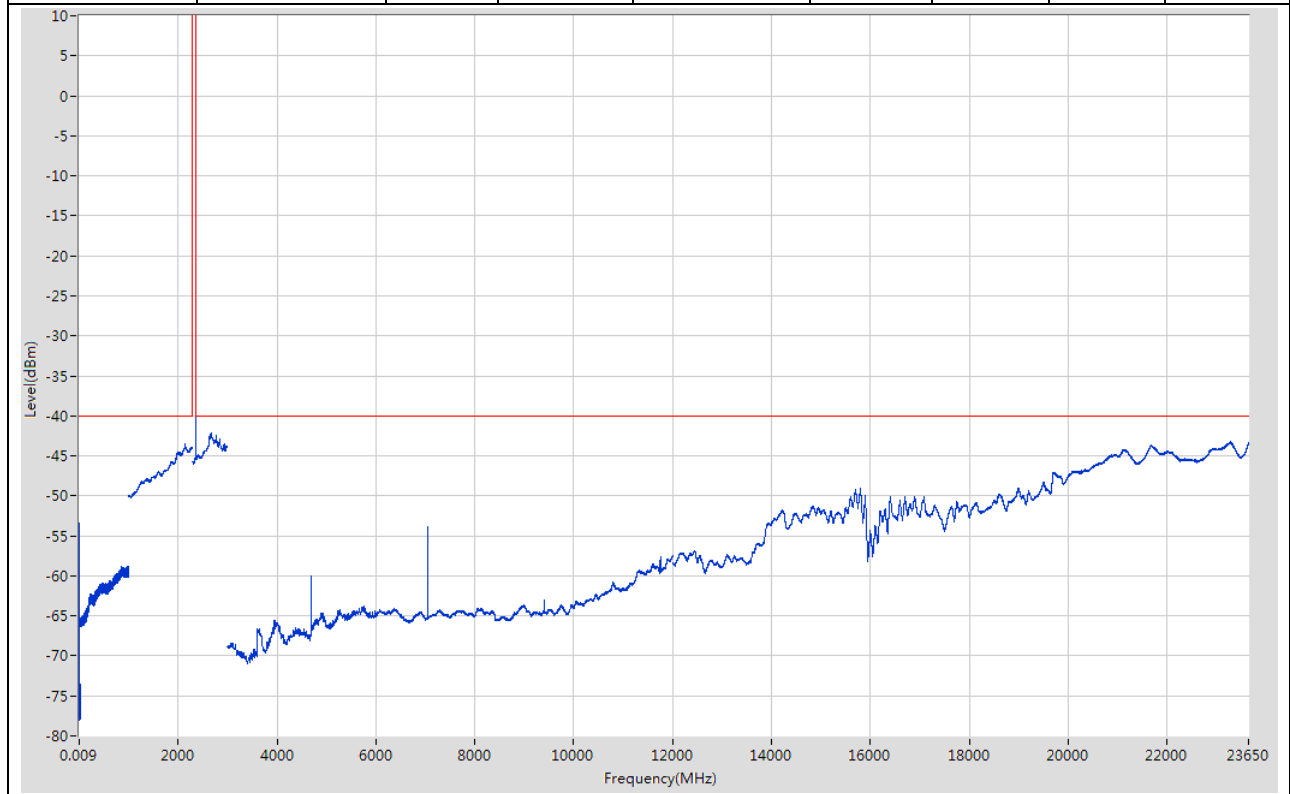
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.33	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.48	-40	Pass	2986
30	1000	0.1	RMS	997.4	-58.76	-40	Pass	9701
1000	2288	1	RMS	2139	-43.37	-40	Pass	1289
2288	2365	1	RMS	2359.418	4.73	60	Pass	401
2365	3000	1	RMS	2666	-42.14	-40	Pass	636
3000	12000	1	RMS	11797	-56.4	-40	Pass	9001
12000	23650	1	RMS	23293	-43.25	-40	Pass	11651



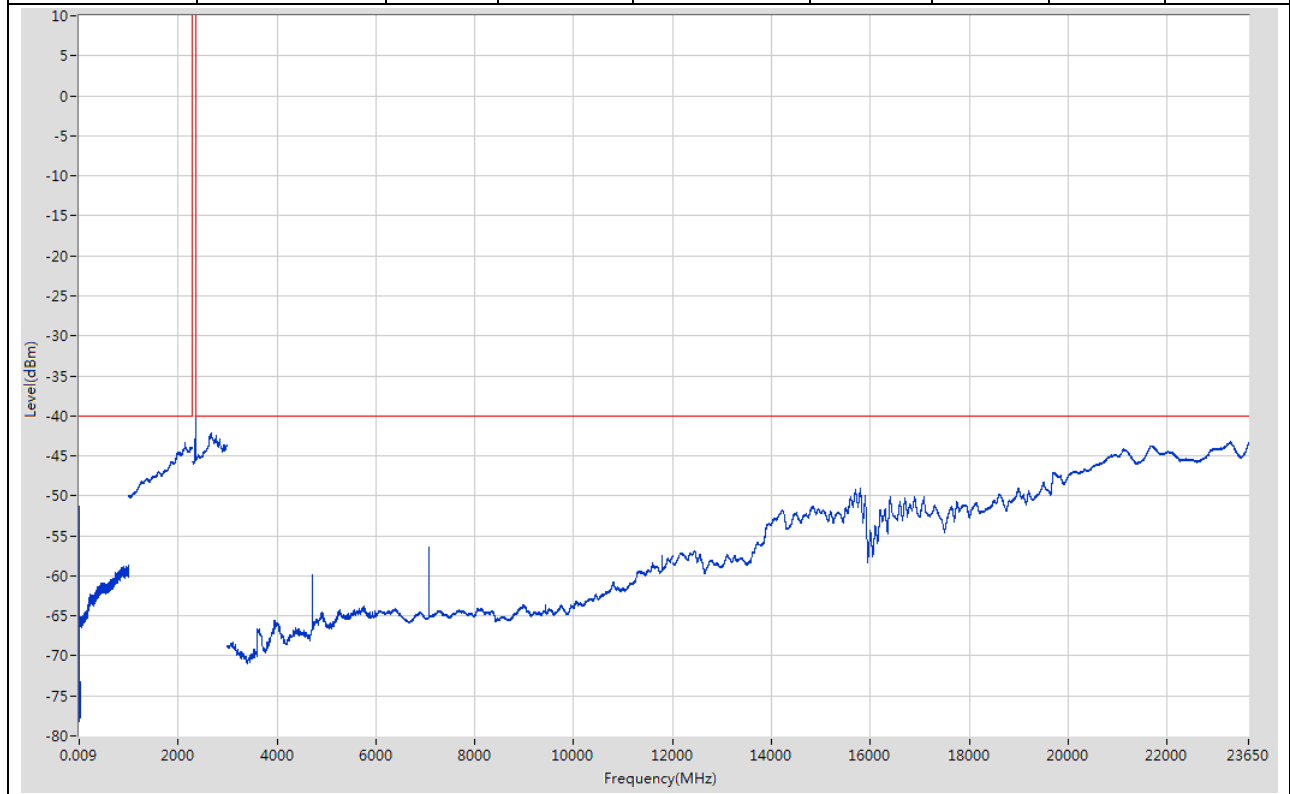
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:39200, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.38	-40	Pass	401
0.15	30	0.01	RMS	0.16	-55.03	-40	Pass	2986
30	1000	0.1	RMS	981.8	-58.8	-40	Pass	9701
1000	2288	1	RMS	2142	-43.43	-40	Pass	1289
2288	2365	1	RMS	2350.563	3.63	60	Pass	401
2365	3000	1	RMS	2667	-42.19	-40	Pass	636
3000	12000	1	RMS	7052	-53.91	-40	Pass	9001
12000	23650	1	RMS	23285	-43.26	-40	Pass	11651



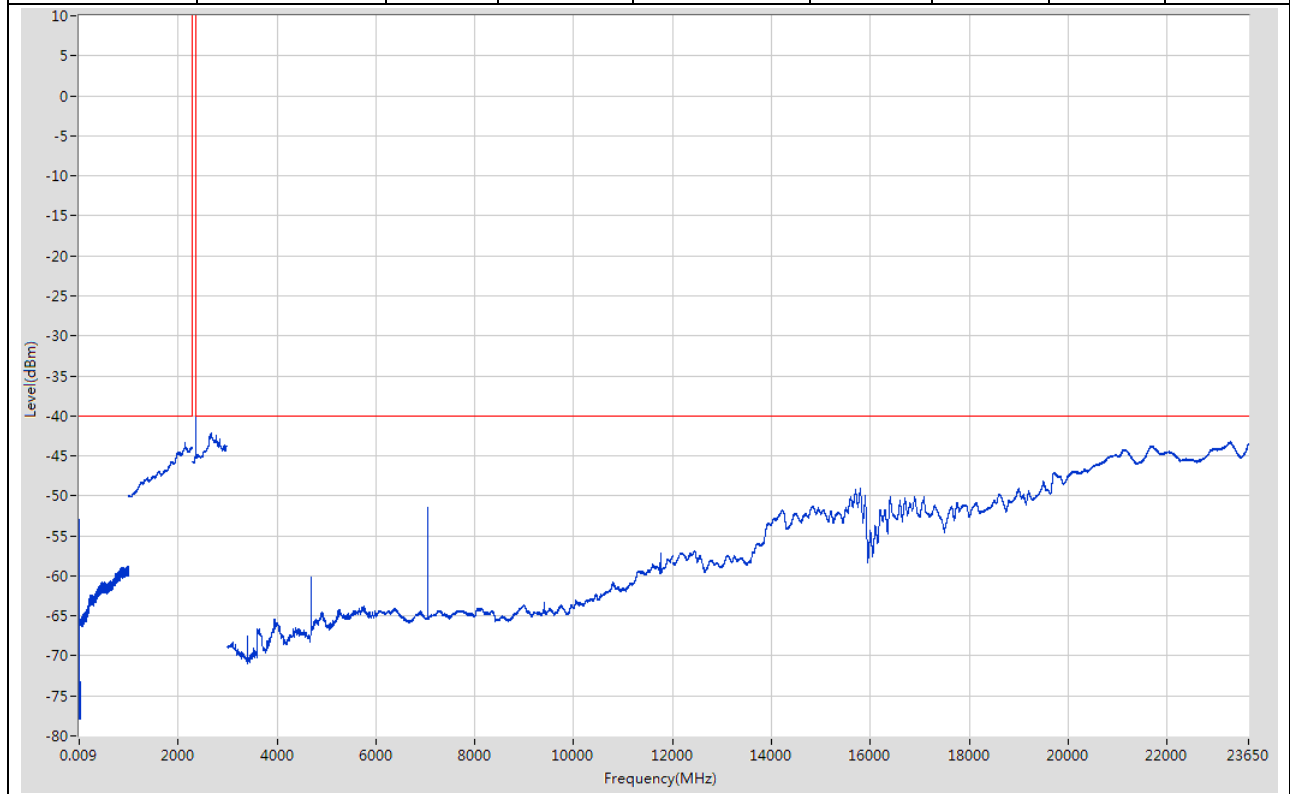
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:39200, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.27	-40	Pass	401
0.15	30	0.01	RMS	0.15	-55.39	-40	Pass	2986
30	1000	0.1	RMS	987.9	-58.69	-40	Pass	9701
1000	2288	1	RMS	2140	-43.37	-40	Pass	1289
2288	2365	1	RMS	2359.418	3.88	60	Pass	401
2365	3000	1	RMS	2666	-42.2	-40	Pass	636
3000	12000	1	RMS	7078	-56.46	-40	Pass	9001
12000	23650	1	RMS	23276	-43.25	-40	Pass	11651



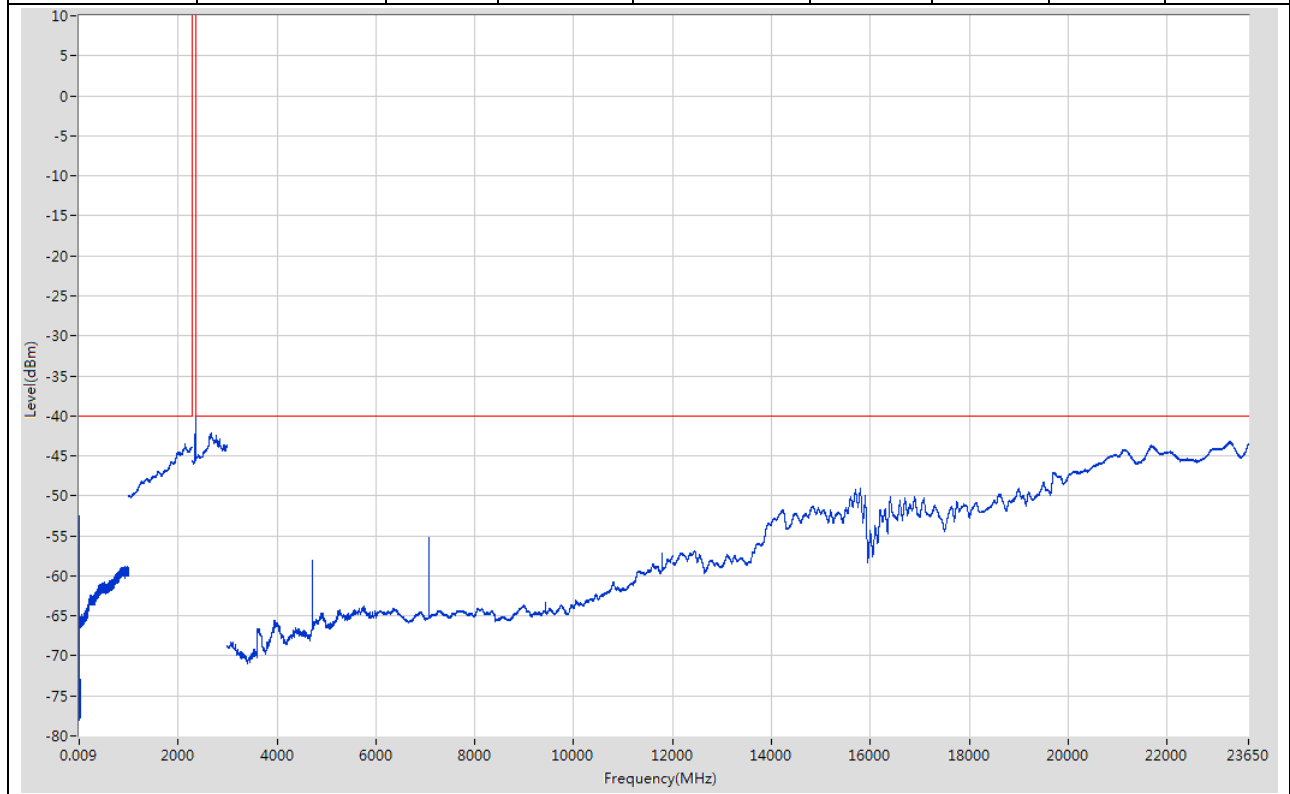
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.9	-40	Pass	401
0.15	30	0.01	RMS	0.15	-55.58	-40	Pass	2986
30	1000	0.1	RMS	996.6	-58.78	-40	Pass	9701
1000	2288	1	RMS	2140	-43.4	-40	Pass	1289
2288	2365	1	RMS	2350.563	4.43	60	Pass	401
2365	3000	1	RMS	2669	-42.21	-40	Pass	636
3000	12000	1	RMS	7052	-51.46	-40	Pass	9001
12000	23650	1	RMS	23287	-43.21	-40	Pass	11651



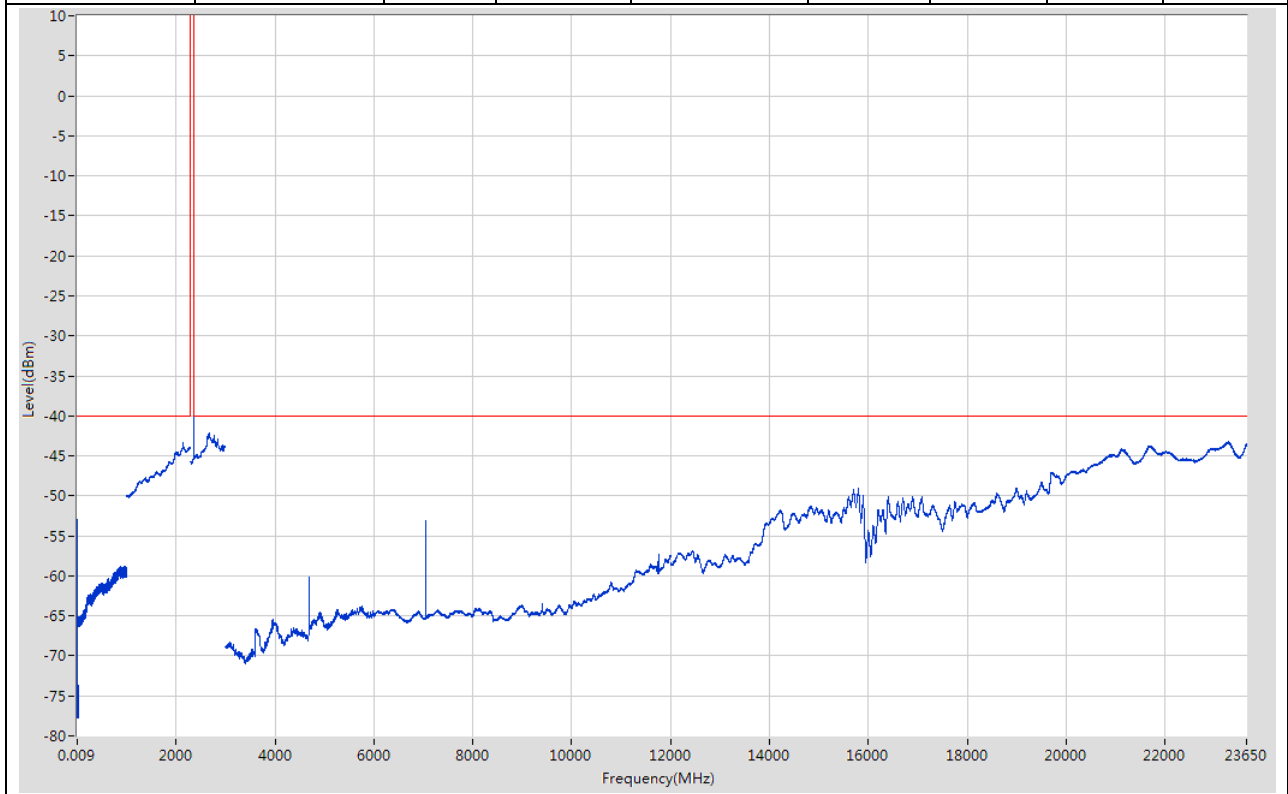
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:39200, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.45	-40	Pass	401
0.15	30	0.01	RMS	0.15	-55.29	-40	Pass	2986
30	1000	0.1	RMS	967.6	-58.83	-40	Pass	9701
1000	2288	1	RMS	2140	-43.43	-40	Pass	1289
2288	2365	1	RMS	2359.418	4.75	60	Pass	401
2365	3000	1	RMS	2668	-42.21	-40	Pass	636
3000	12000	1	RMS	7078	-55.13	-40	Pass	9001
12000	23650	1	RMS	23260	-43.23	-40	Pass	11651



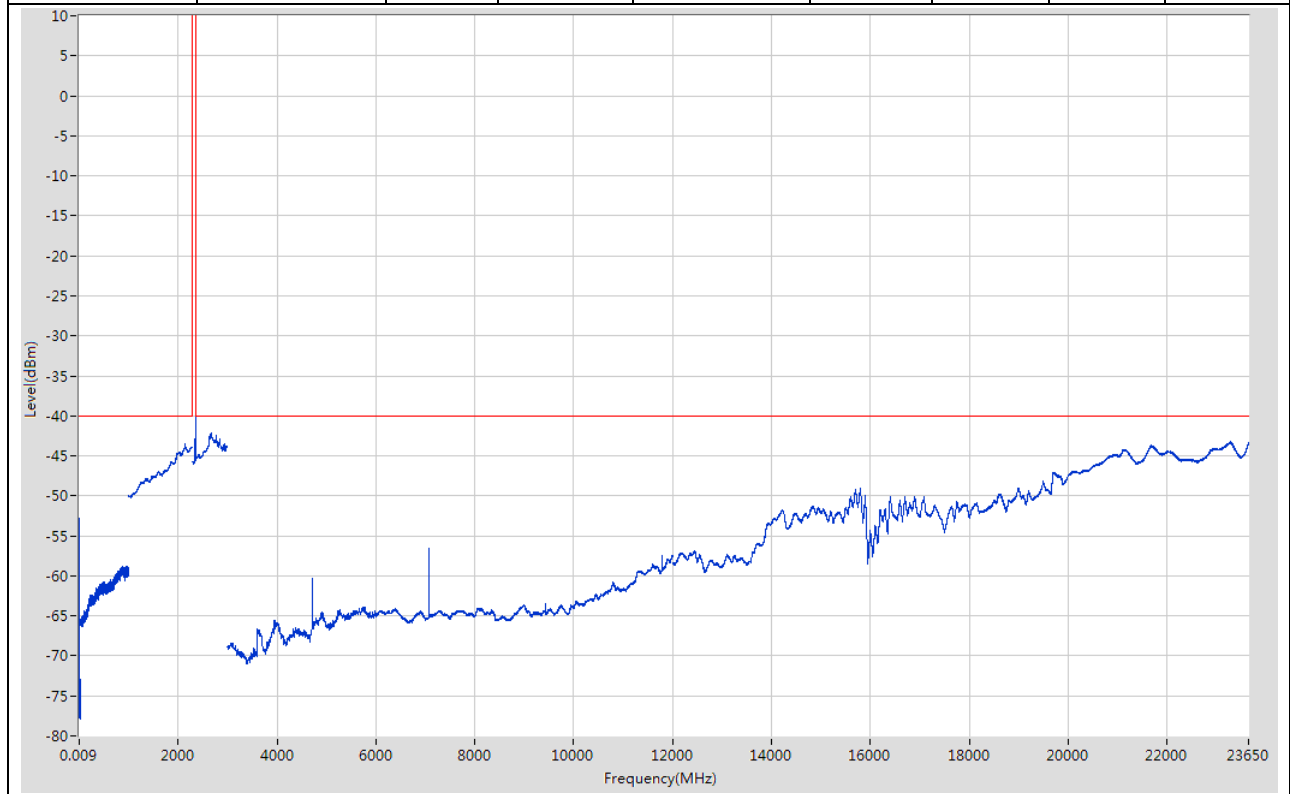
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:39200, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.99	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.26	-40	Pass	2986
30	1000	0.1	RMS	863.9	-58.78	-40	Pass	9701
1000	2288	1	RMS	2140	-43.41	-40	Pass	1289
2288	2365	1	RMS	2350.563	3.62	60	Pass	401
2365	3000	1	RMS	2668	-42.21	-40	Pass	636
3000	12000	1	RMS	7052	-53.08	-40	Pass	9001
12000	23650	1	RMS	23284	-43.24	-40	Pass	11651



1.24. LTE Transmitter Spurious Emissions(Subtest:24, Channel:39200, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.77	-40	Pass	401
0.15	30	0.01	RMS	0.15	-54.99	-40	Pass	2986
30	1000	0.1	RMS	866.5	-58.75	-40	Pass	9701
1000	2288	1	RMS	2140	-43.45	-40	Pass	1289
2288	2365	1	RMS	2359.418	3.91	60	Pass	401
2365	3000	1	RMS	2669	-42.21	-40	Pass	636
3000	12000	1	RMS	7078	-56.54	-40	Pass	9001
12000	23650	1	RMS	23281	-43.25	-40	Pass	11651



END