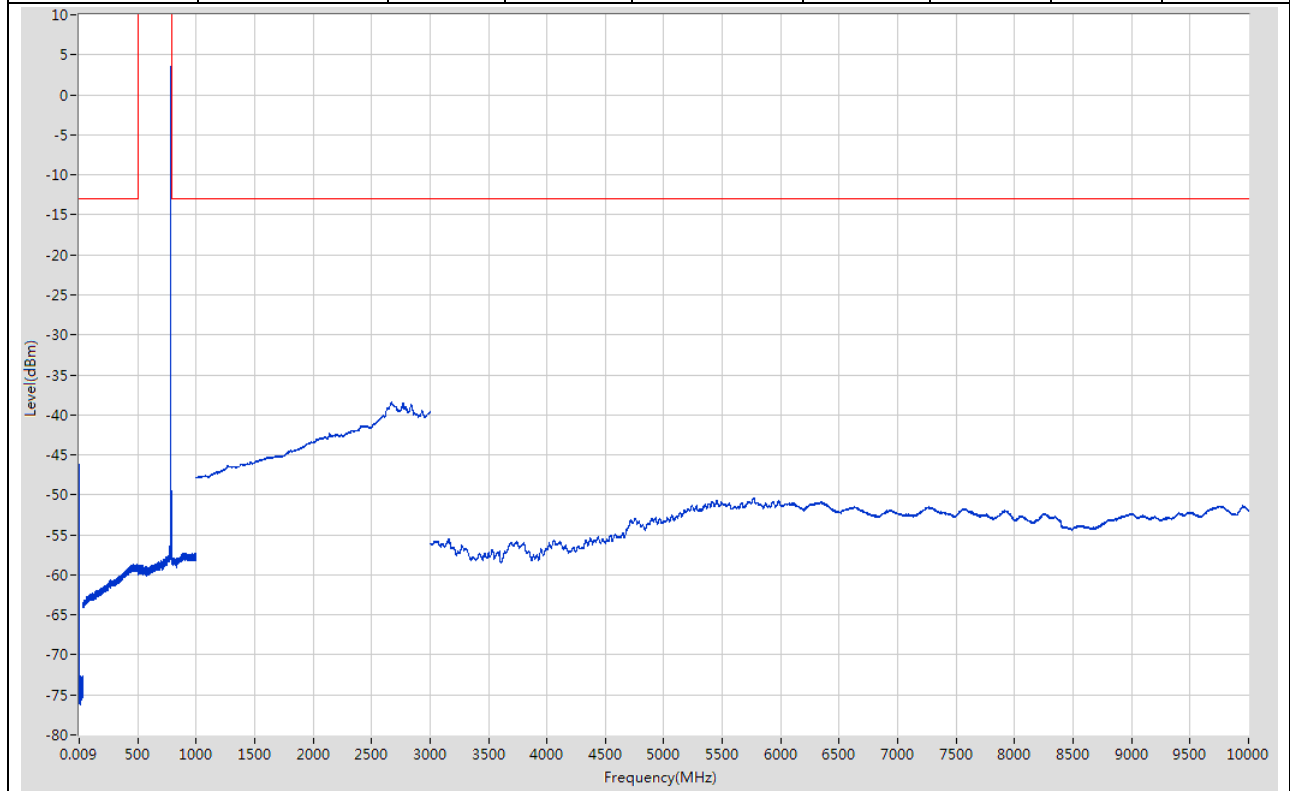


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

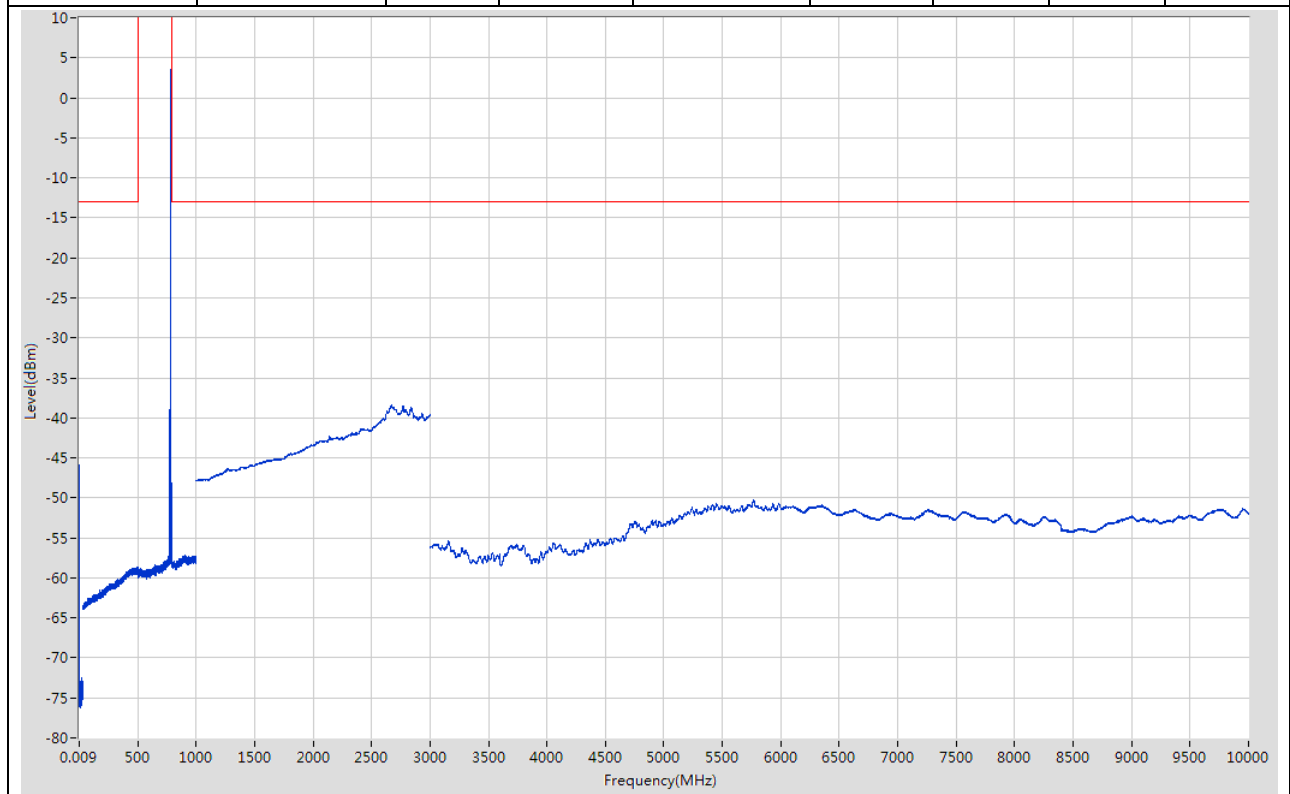
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-46.13	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.97	-13	Pass	2986
30	500	0.1	RMS	460.7	-58.67	-13	Pass	4701
500	795	0.1	RMS	777.3	3.55	60	Pass	2951
795	1000	0.1	RMS	882.6	-57.28	-13	Pass	2051
1000	3000	1	RMS	2672	-38.44	-13	Pass	2001
3000	10000	1	RMS	5770	-50.34	-13	Pass	7001



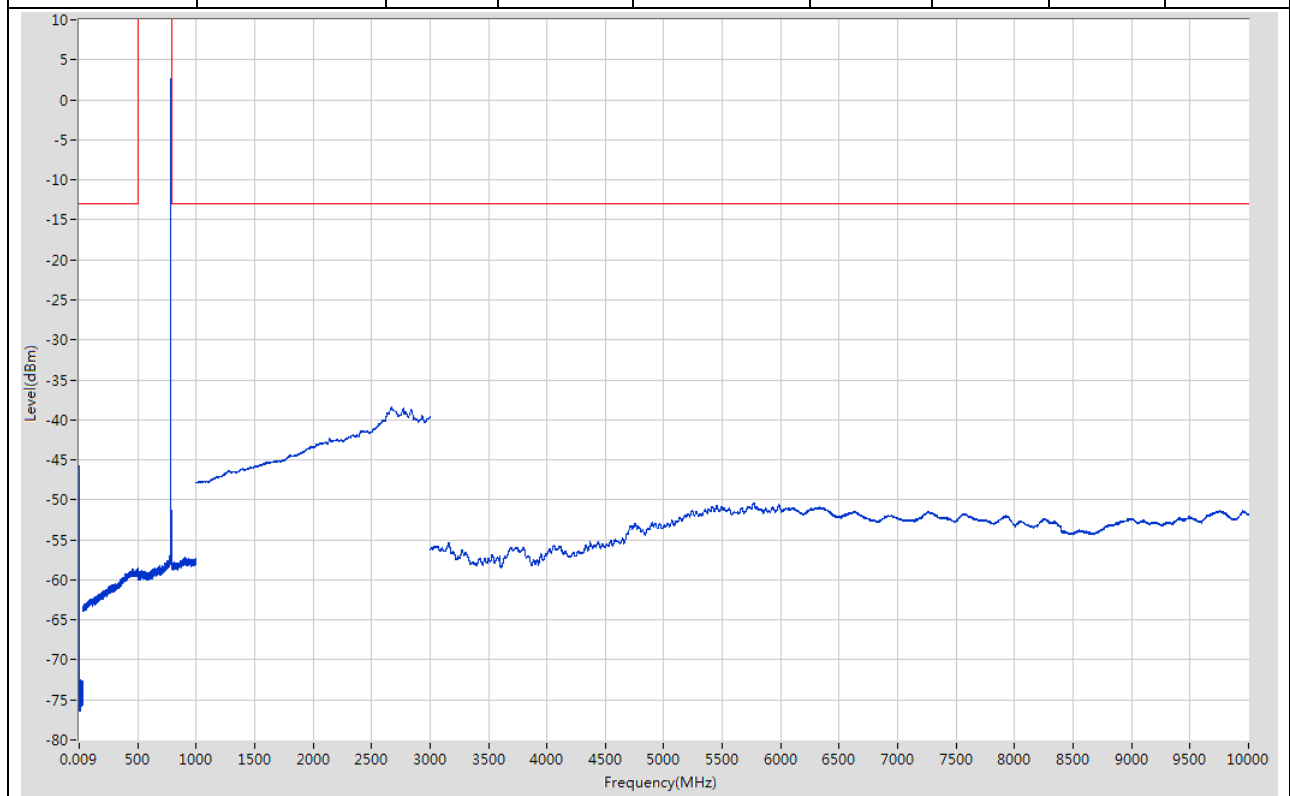
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-45.96	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.02	-13	Pass	2986
30	500	0.1	RMS	499.1	-58.59	-13	Pass	4701
500	795	0.1	RMS	781.7	3.56	60	Pass	2951
795	1000	0.1	RMS	903.5	-57.22	-13	Pass	2051
1000	3000	1	RMS	2670	-38.45	-13	Pass	2001
3000	10000	1	RMS	5770	-50.3	-13	Pass	7001



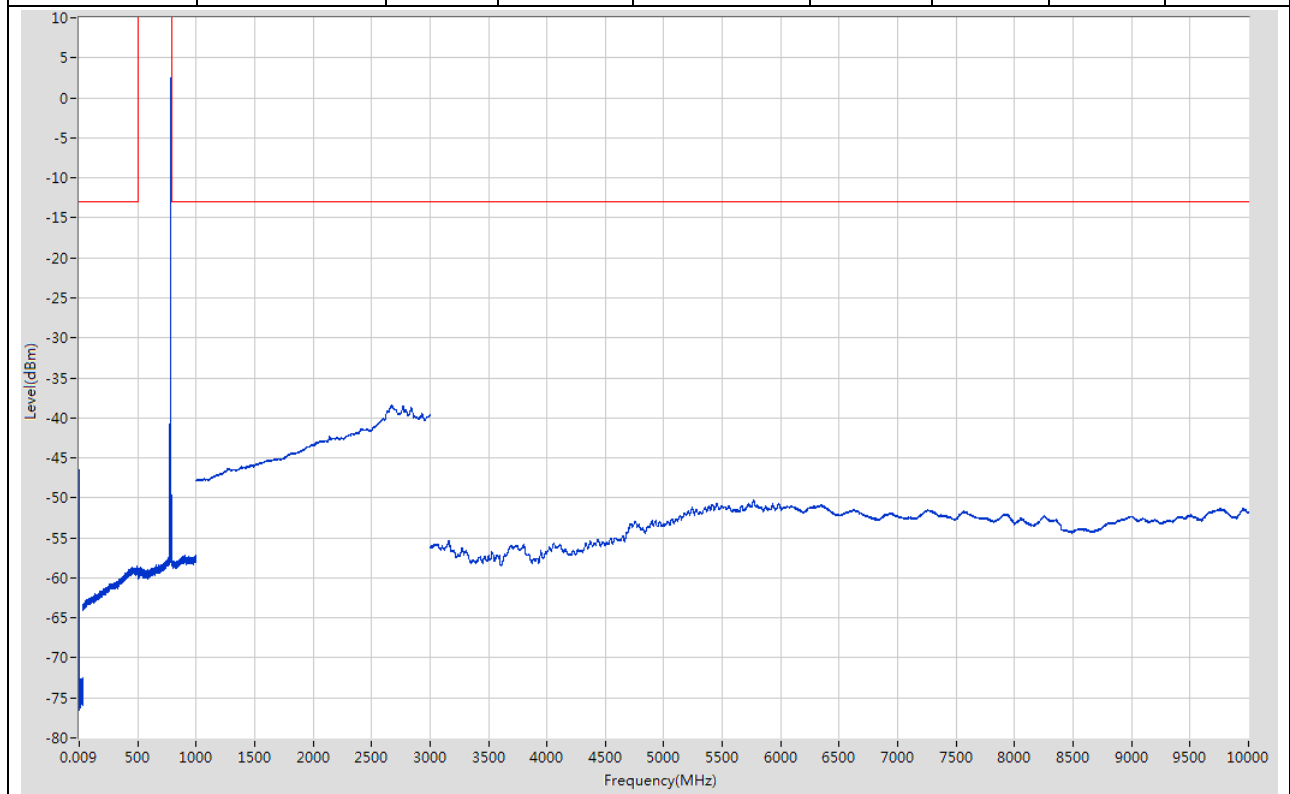
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.01	-45.81	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.91	-13	Pass	2986
30	500	0.1	RMS	499.3	-58.48	-13	Pass	4701
500	795	0.1	RMS	777.3	2.64	60	Pass	2951
795	1000	0.1	RMS	902.3	-57.22	-13	Pass	2051
1000	3000	1	RMS	2669	-38.44	-13	Pass	2001
3000	10000	1	RMS	5767	-50.35	-13	Pass	7001



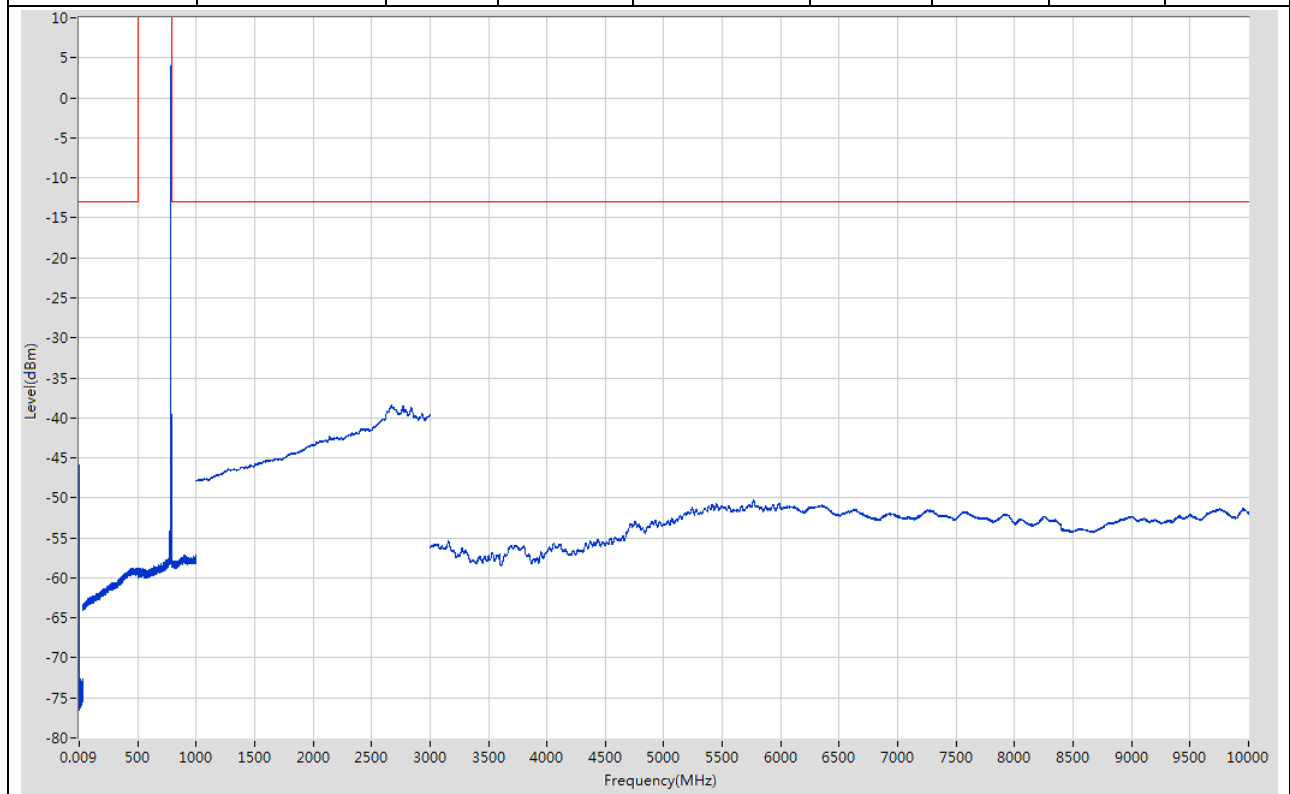
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-46.45	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.06	-13	Pass	2986
30	500	0.1	RMS	496.3	-58.58	-13	Pass	4701
500	795	0.1	RMS	781.7	2.43	60	Pass	2951
795	1000	0.1	RMS	999.3	-57.12	-13	Pass	2051
1000	3000	1	RMS	2669	-38.38	-13	Pass	2001
3000	10000	1	RMS	5767	-50.31	-13	Pass	7001



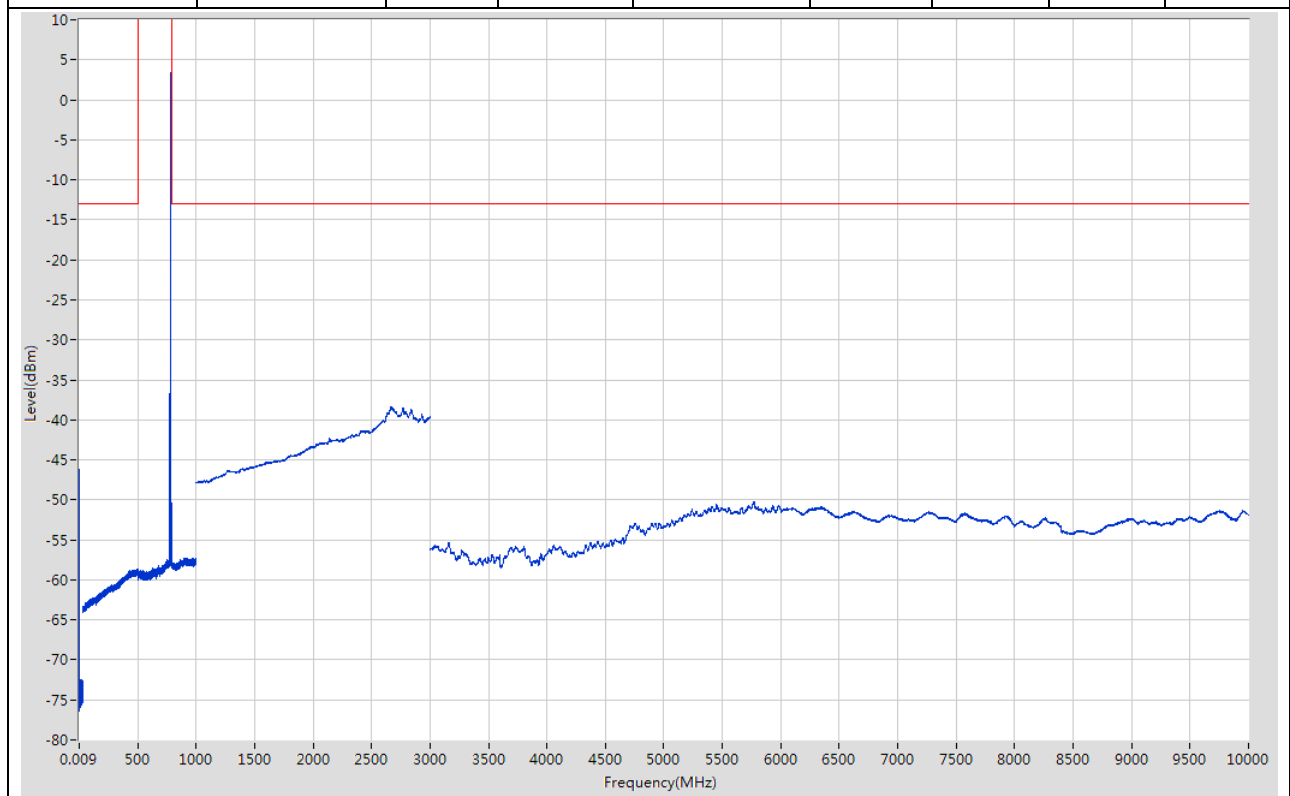
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.011	-45.85	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.84	-13	Pass	2986
30	500	0.1	RMS	498.9	-58.78	-13	Pass	4701
500	795	0.1	RMS	779.8	3.93	60	Pass	2951
795	1000	0.1	RMS	998.5	-57.16	-13	Pass	2051
1000	3000	1	RMS	2669	-38.39	-13	Pass	2001
3000	10000	1	RMS	5769	-50.31	-13	Pass	7001



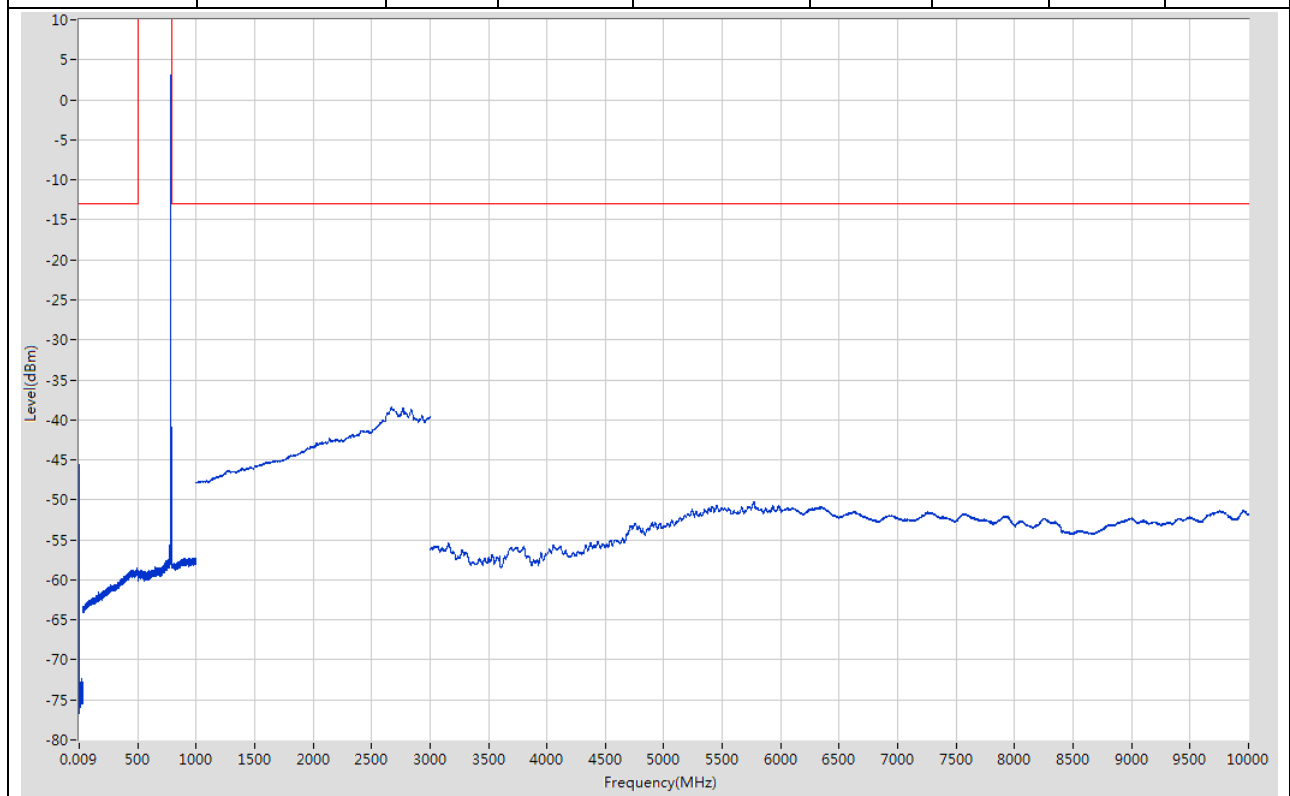
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-46.23	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.56	-13	Pass	2986
30	500	0.1	RMS	494.7	-58.68	-13	Pass	4701
500	795	0.1	RMS	784.2	3.37	60	Pass	2951
795	1000	0.1	RMS	910.1	-57.3	-13	Pass	2051
1000	3000	1	RMS	2668	-38.43	-13	Pass	2001
3000	10000	1	RMS	5770	-50.3	-13	Pass	7001



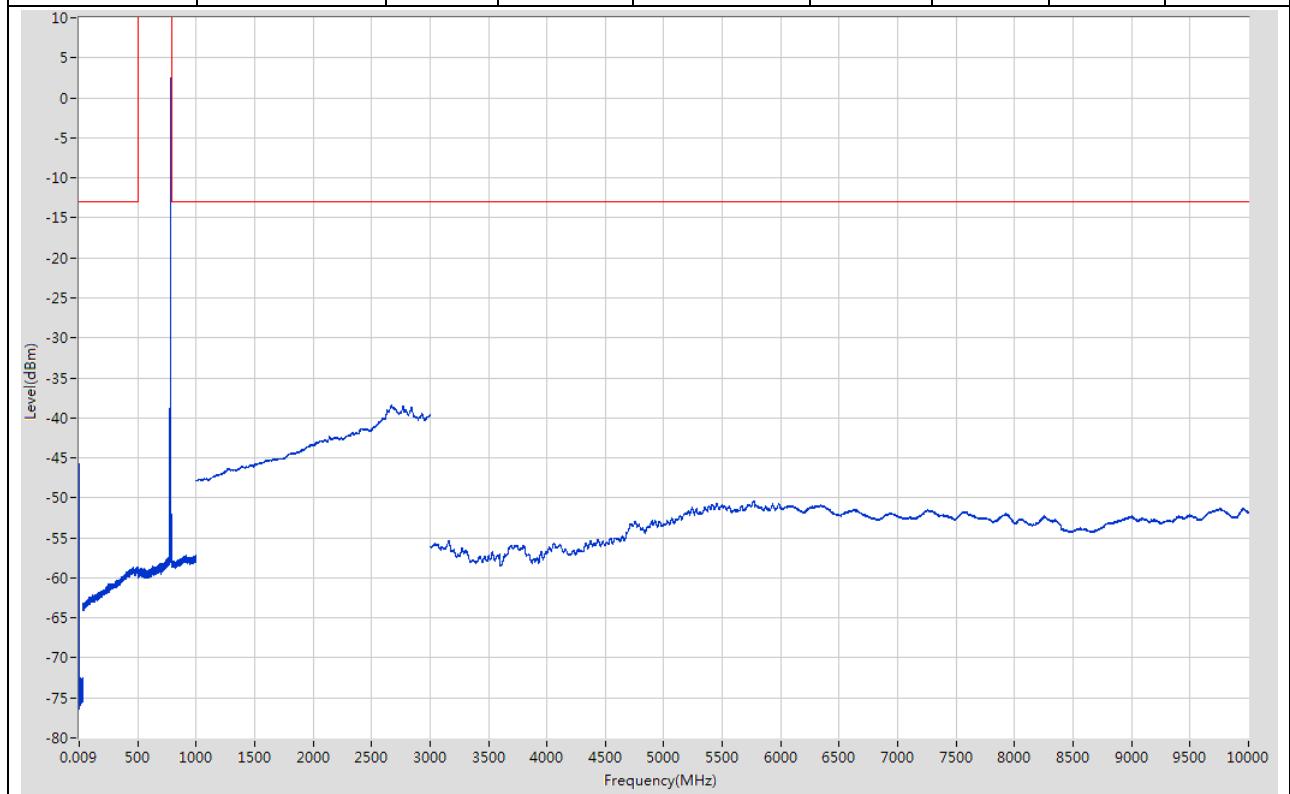
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.01	-45.63	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.46	-13	Pass	2986
30	500	0.1	RMS	496.3	-58.54	-13	Pass	4701
500	795	0.1	RMS	779.8	3.11	60	Pass	2951
795	1000	0.1	RMS	906	-57.25	-13	Pass	2051
1000	3000	1	RMS	2670	-38.46	-13	Pass	2001
3000	10000	1	RMS	5771	-50.31	-13	Pass	7001



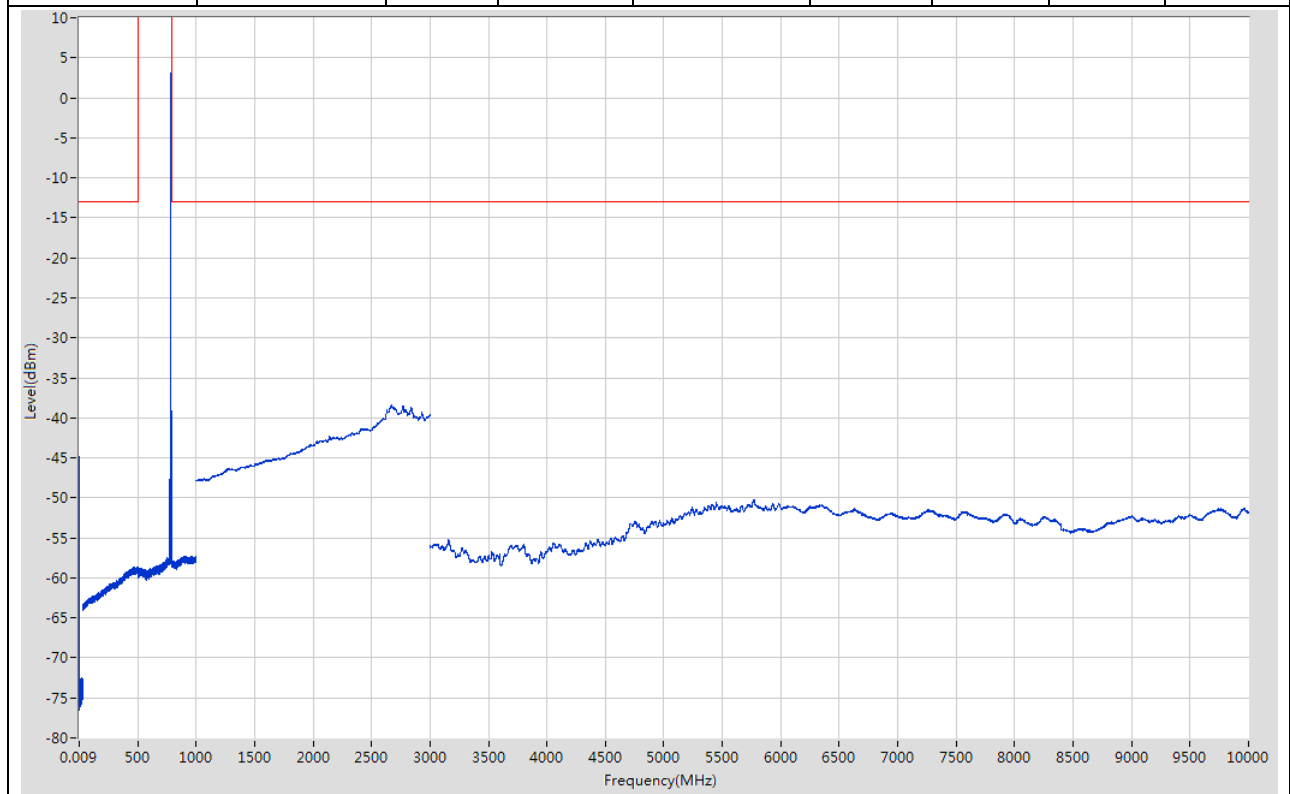
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-45.71	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.12	-13	Pass	2986
30	500	0.1	RMS	497.6	-58.62	-13	Pass	4701
500	795	0.1	RMS	784.2	2.54	60	Pass	2951
795	1000	0.1	RMS	998.9	-57.21	-13	Pass	2051
1000	3000	1	RMS	2670	-38.39	-13	Pass	2001
3000	10000	1	RMS	5771	-50.36	-13	Pass	7001



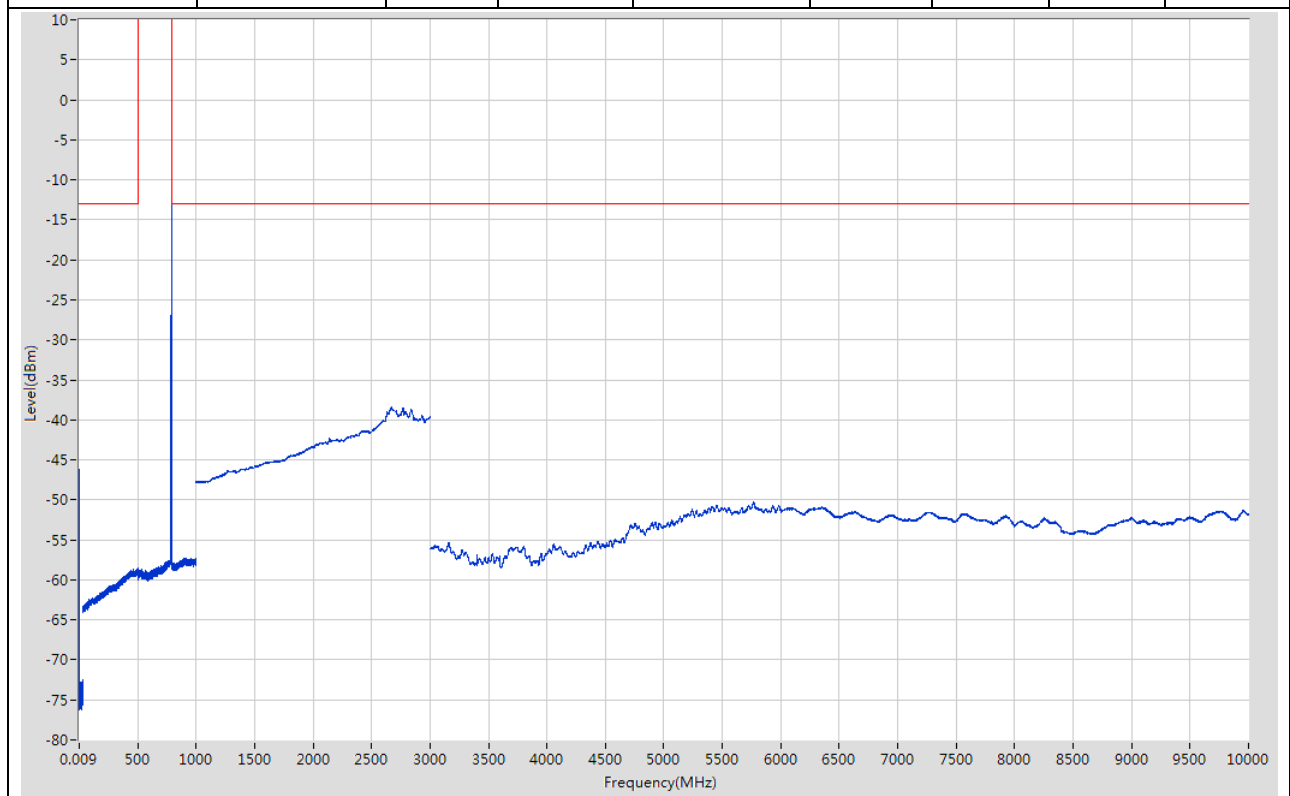
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-44.77	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.45	-13	Pass	2986
30	500	0.1	RMS	498	-58.61	-13	Pass	4701
500	795	0.1	RMS	782.3	3.15	60	Pass	2951
795	1000	0.1	RMS	955.3	-57.3	-13	Pass	2051
1000	3000	1	RMS	2668	-38.43	-13	Pass	2001
3000	10000	1	RMS	5768	-50.25	-13	Pass	7001



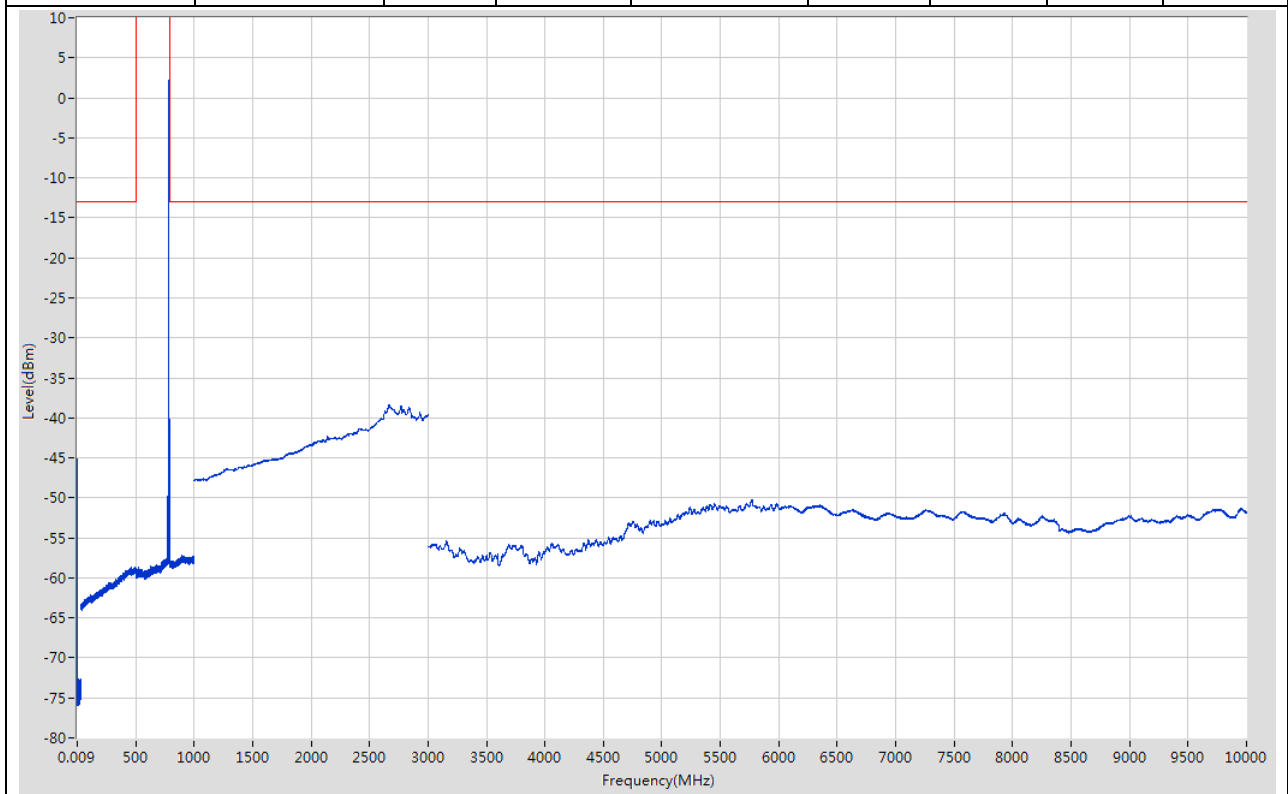
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-46.16	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.69	-13	Pass	2986
30	500	0.1	RMS	499.4	-58.57	-13	Pass	4701
500	795	0.1	RMS	786.7	3.67	60	Pass	2951
795	1000	0.1	RMS	795.3	-53.37	-13	Pass	2051
1000	3000	1	RMS	2670	-38.37	-13	Pass	2001
3000	10000	1	RMS	5770	-50.28	-13	Pass	7001



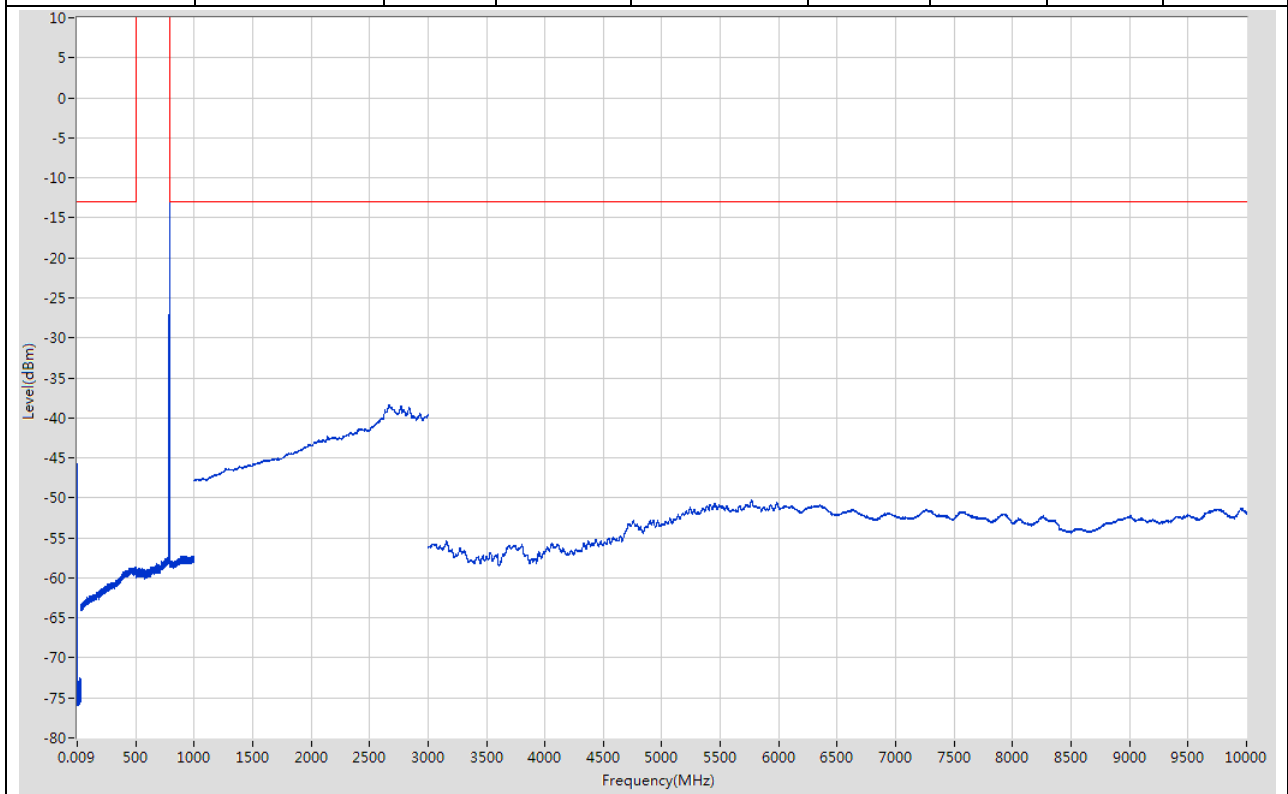
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.09	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.04	-13	Pass	2986
30	500	0.1	RMS	493.9	-58.6	-13	Pass	4701
500	795	0.1	RMS	782.3	2.19	60	Pass	2951
795	1000	0.1	RMS	896	-57.2	-13	Pass	2051
1000	3000	1	RMS	2668	-38.43	-13	Pass	2001
3000	10000	1	RMS	5770	-50.26	-13	Pass	7001



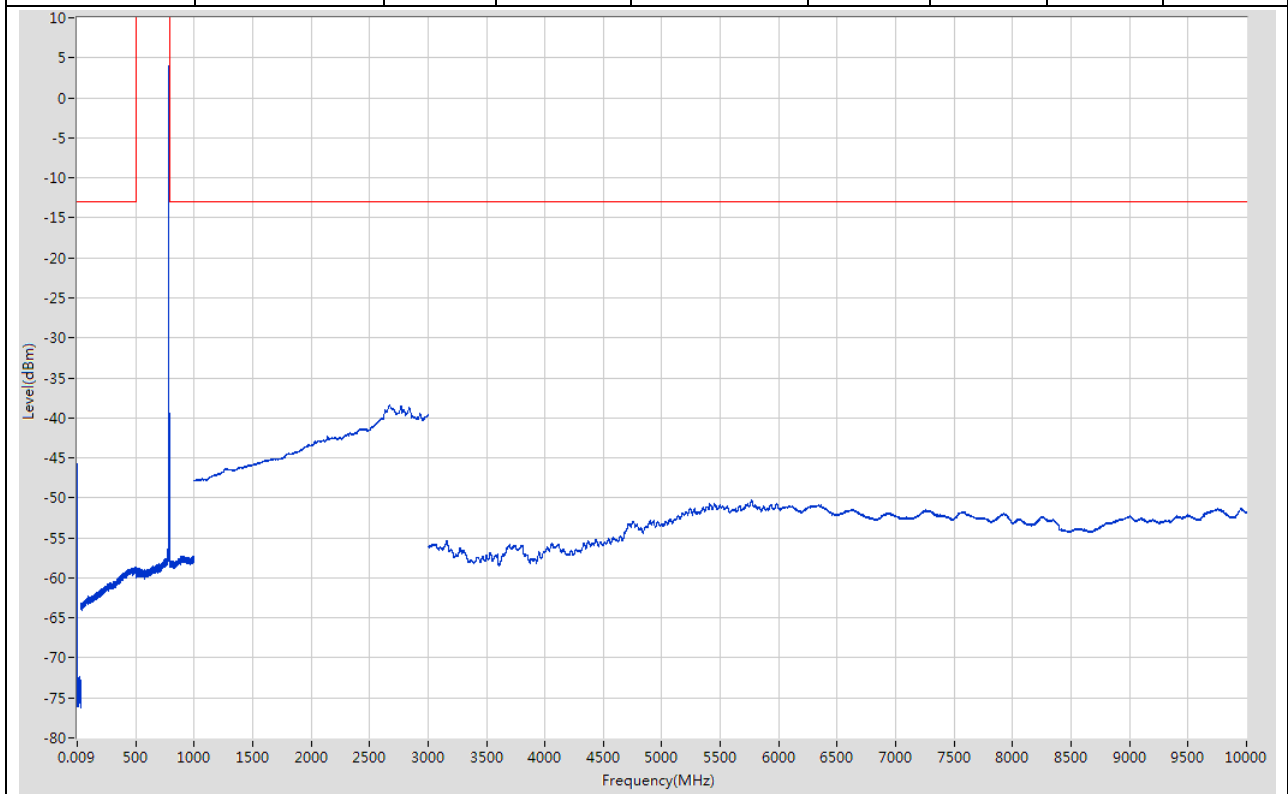
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-45.71	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.53	-13	Pass	2986
30	500	0.1	RMS	497.2	-58.64	-13	Pass	4701
500	795	0.1	RMS	786.7	3.08	60	Pass	2951
795	1000	0.1	RMS	795.3	-54.5	-13	Pass	2051
1000	3000	1	RMS	2670	-38.42	-13	Pass	2001
3000	10000	1	RMS	5770	-50.28	-13	Pass	7001



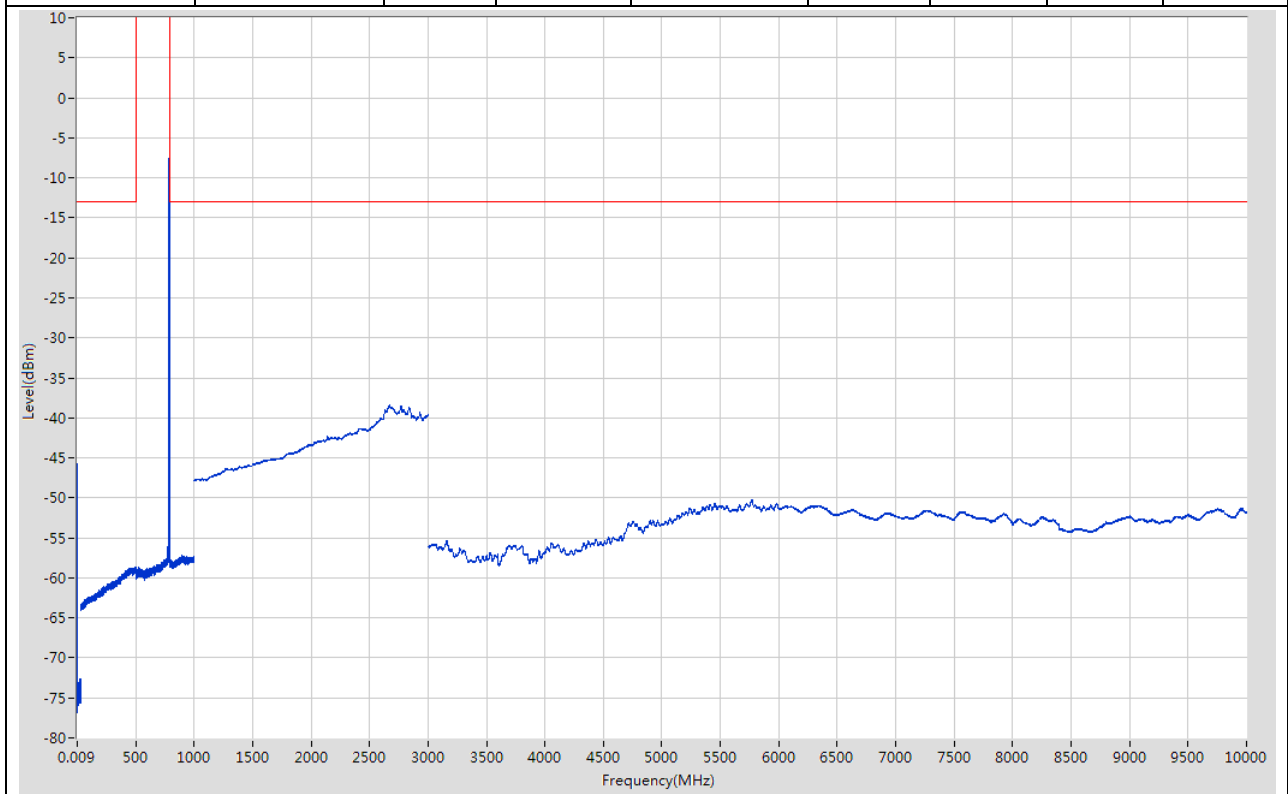
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.79	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.24	-13	Pass	2986
30	500	0.1	RMS	495.3	-58.68	-13	Pass	4701
500	795	0.1	RMS	777.6	4.02	60	Pass	2951
795	1000	0.1	RMS	795.2	-46.84	-13	Pass	2051
1000	3000	1	RMS	2668	-38.41	-13	Pass	2001
3000	10000	1	RMS	5770	-50.29	-13	Pass	7001



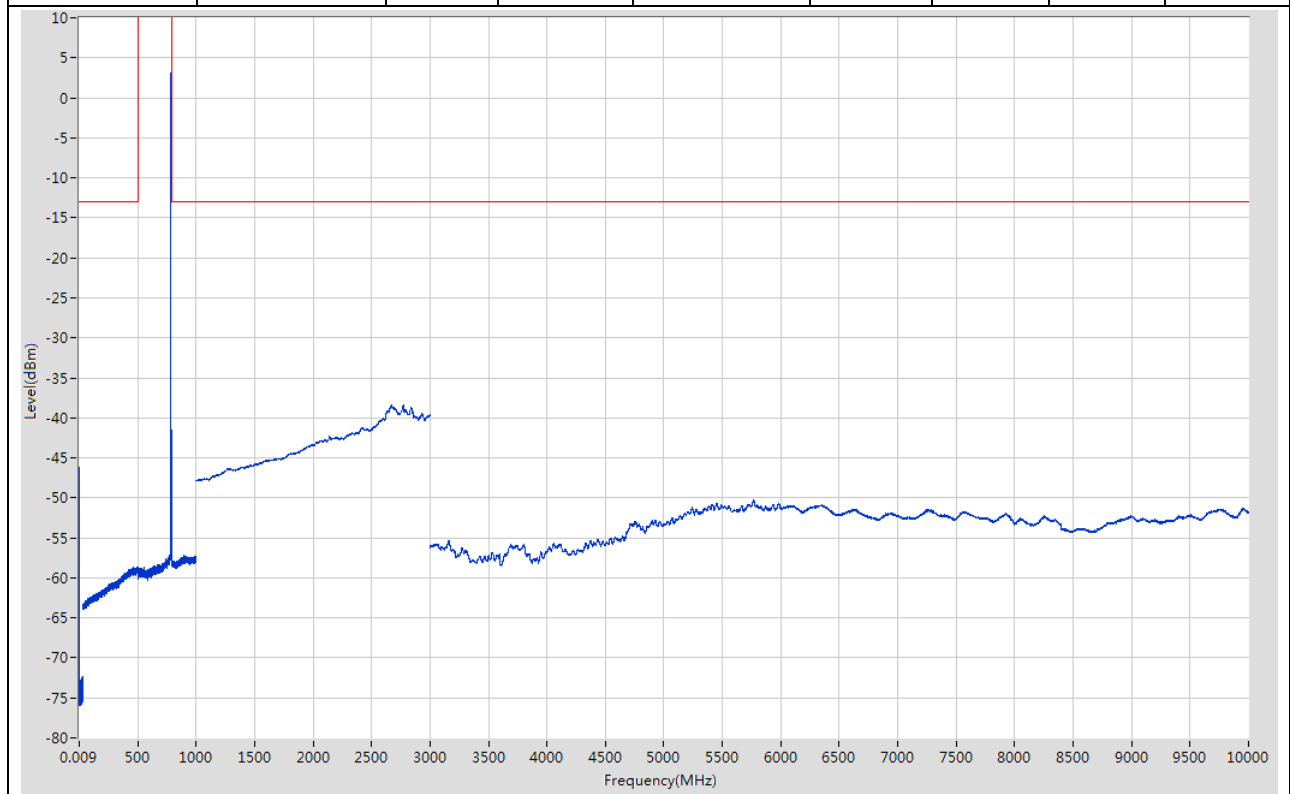
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	0.01	-45.8	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.28	-13	Pass	2986
30	500	0.1	RMS	498.9	-58.63	-13	Pass	4701
500	795	0.1	RMS	786.4	4.15	60	Pass	2951
795	1000	0.1	RMS	899.2	-57.21	-13	Pass	2051
1000	3000	1	RMS	2673	-38.39	-13	Pass	2001
3000	10000	1	RMS	5770	-50.29	-13	Pass	7001



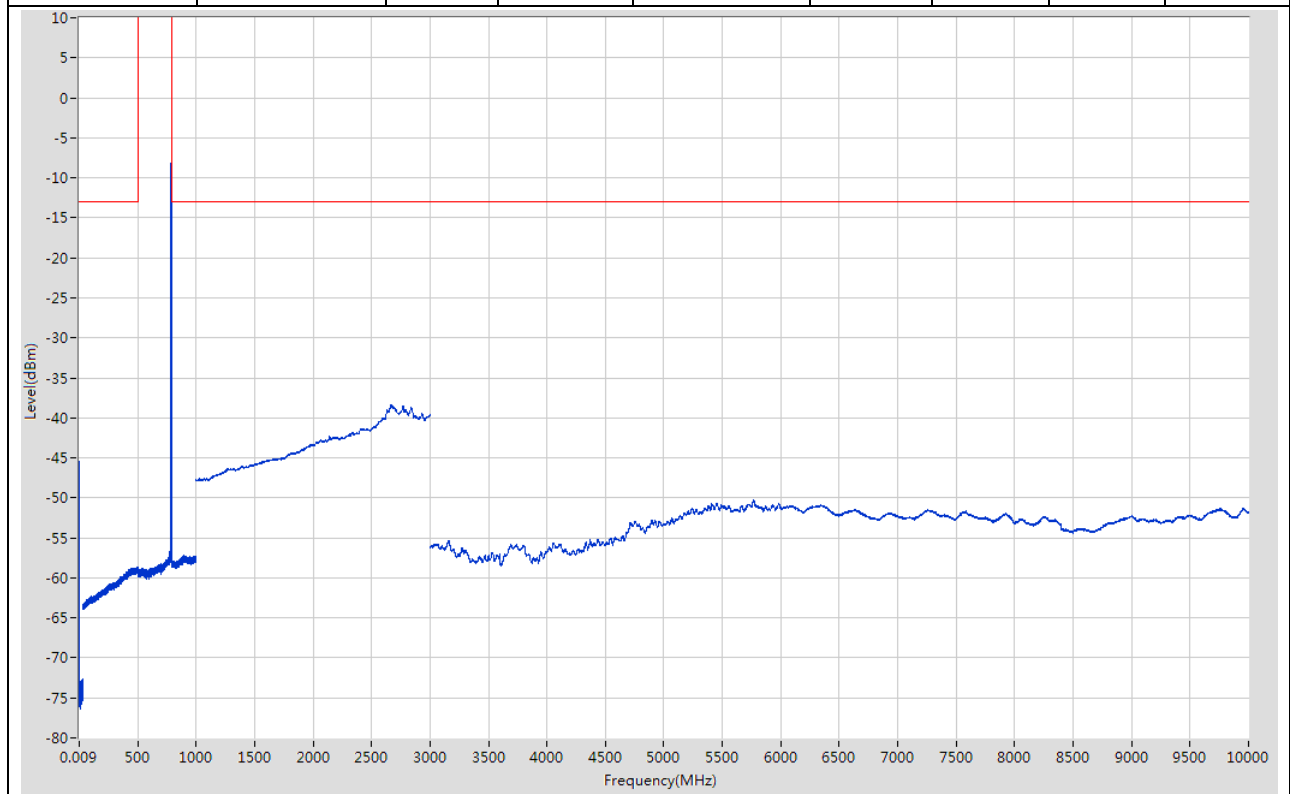
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-46.18	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.23	-13	Pass	2986
30	500	0.1	RMS	499.3	-58.68	-13	Pass	4701
500	795	0.1	RMS	777.6	3.08	60	Pass	2951
795	1000	0.1	RMS	795.2	-49.04	-13	Pass	2051
1000	3000	1	RMS	2670	-38.41	-13	Pass	2001
3000	10000	1	RMS	5769	-50.3	-13	Pass	7001



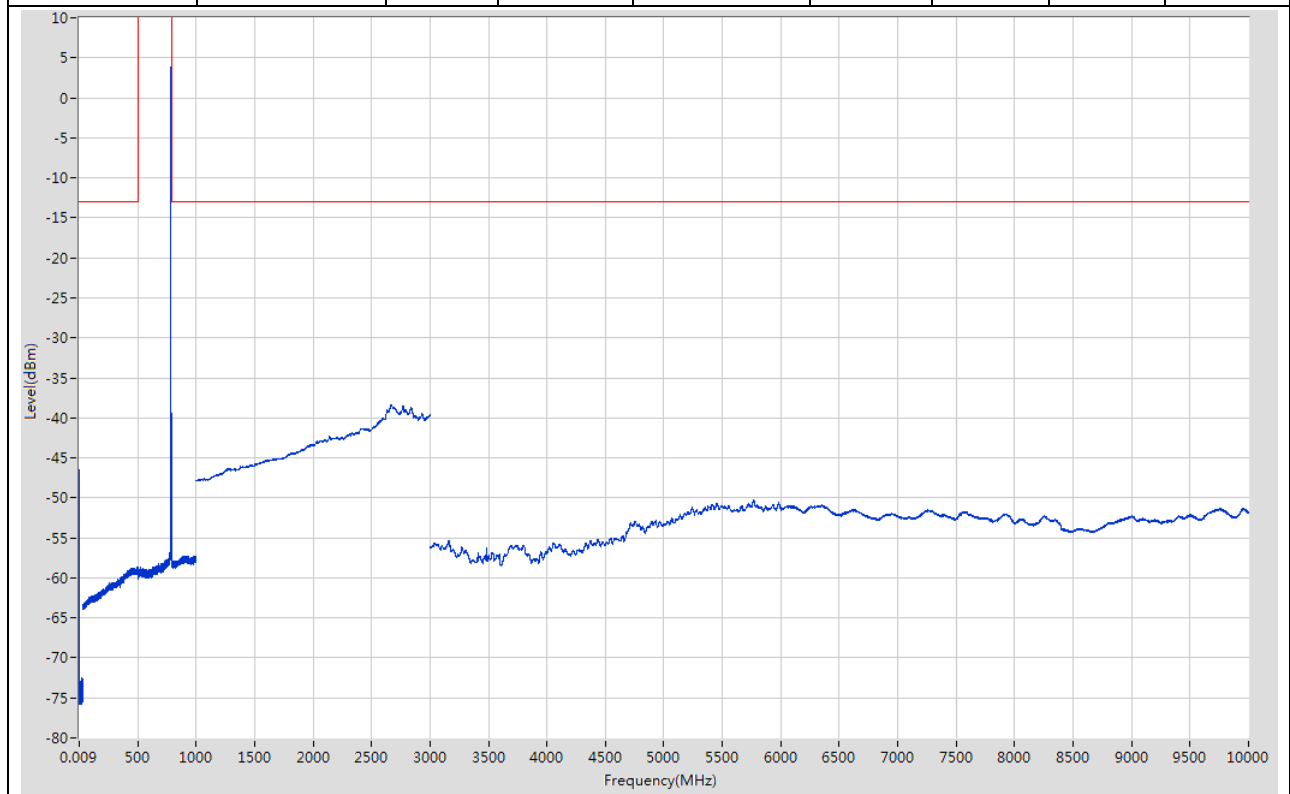
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-45.42	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.95	-13	Pass	2986
30	500	0.1	RMS	494.5	-58.64	-13	Pass	4701
500	795	0.1	RMS	786.4	3.38	60	Pass	2951
795	1000	0.1	RMS	898.5	-57.21	-13	Pass	2051
1000	3000	1	RMS	2672	-38.42	-13	Pass	2001
3000	10000	1	RMS	5770	-50.32	-13	Pass	7001



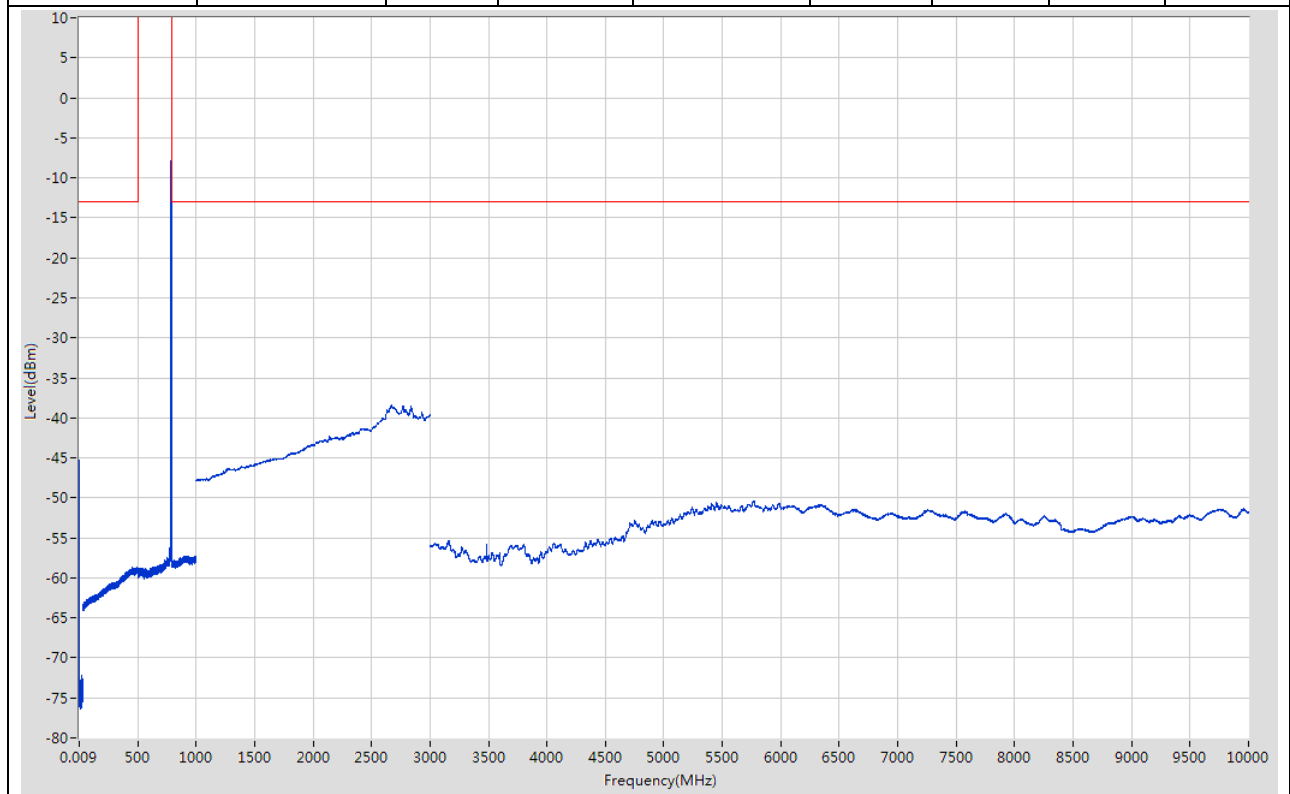
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.01	-46.56	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.47	-13	Pass	2986
30	500	0.1	RMS	499.1	-58.63	-13	Pass	4701
500	795	0.1	RMS	777.6	3.9	60	Pass	2951
795	1000	0.1	RMS	795.2	-46.97	-13	Pass	2051
1000	3000	1	RMS	2669	-38.42	-13	Pass	2001
3000	10000	1	RMS	5770	-50.22	-13	Pass	7001



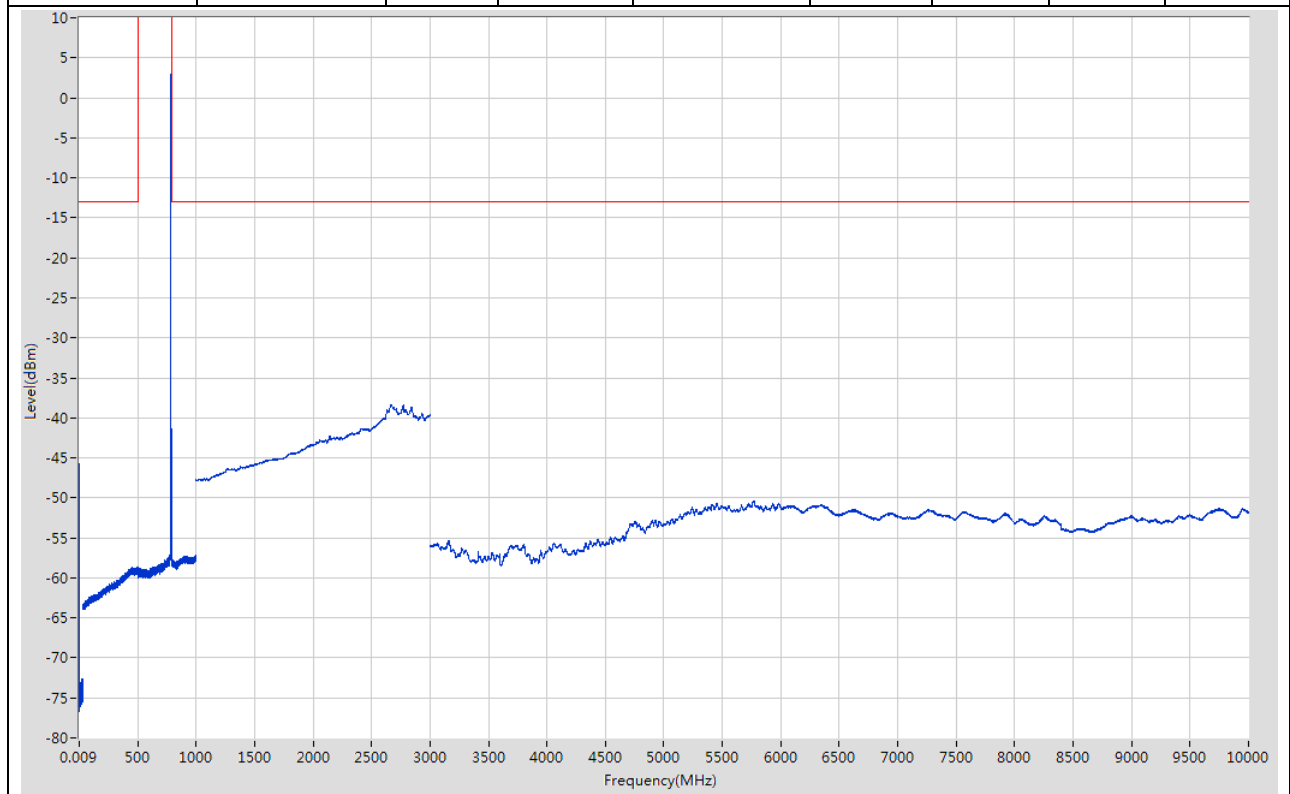
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-45.23	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.65	-13	Pass	2986
30	500	0.1	RMS	494	-58.68	-13	Pass	4701
500	795	0.1	RMS	786.4	4.01	60	Pass	2951
795	1000	0.1	RMS	900.2	-57.28	-13	Pass	2051
1000	3000	1	RMS	2670	-38.41	-13	Pass	2001
3000	10000	1	RMS	5769	-50.33	-13	Pass	7001



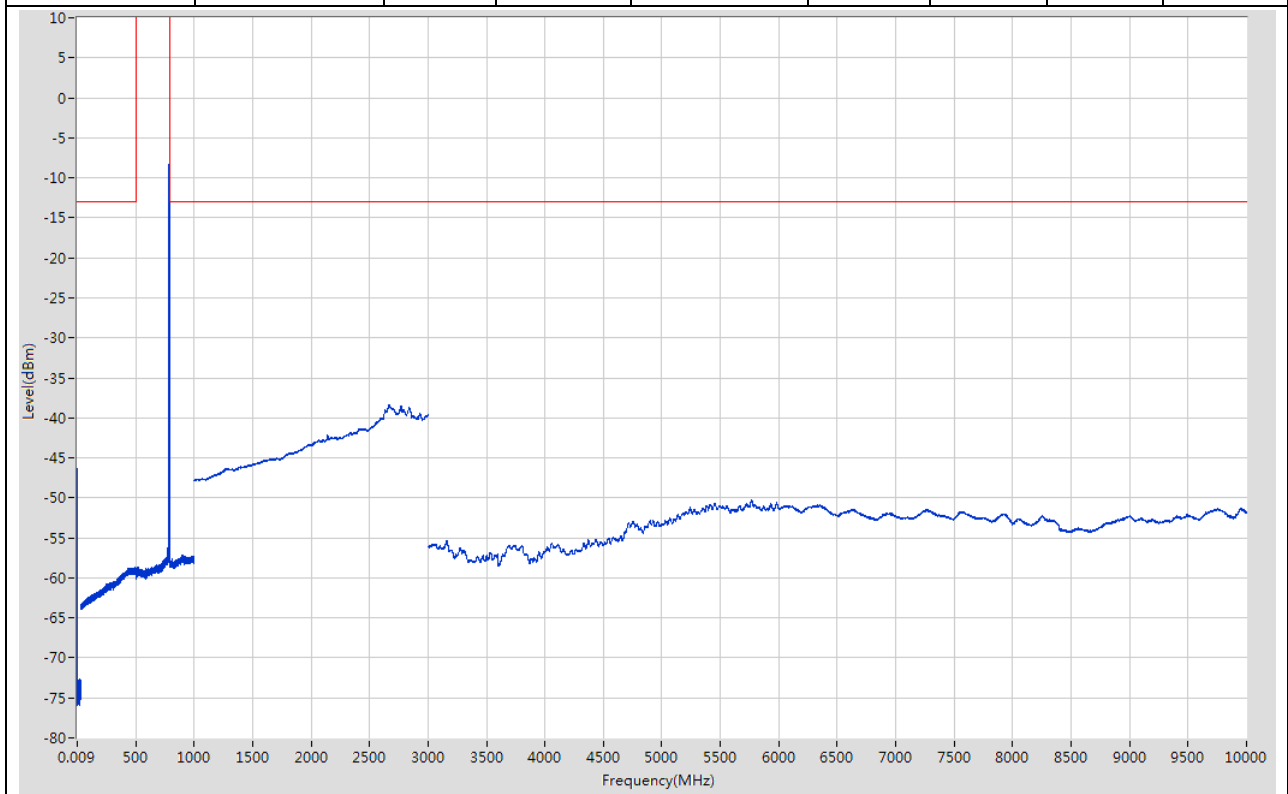
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.77	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.03	-13	Pass	2986
30	500	0.1	RMS	498.3	-58.69	-13	Pass	4701
500	795	0.1	RMS	777.6	2.94	60	Pass	2951
795	1000	0.1	RMS	795.2	-48.59	-13	Pass	2051
1000	3000	1	RMS	2670	-38.43	-13	Pass	2001
3000	10000	1	RMS	5770	-50.33	-13	Pass	7001



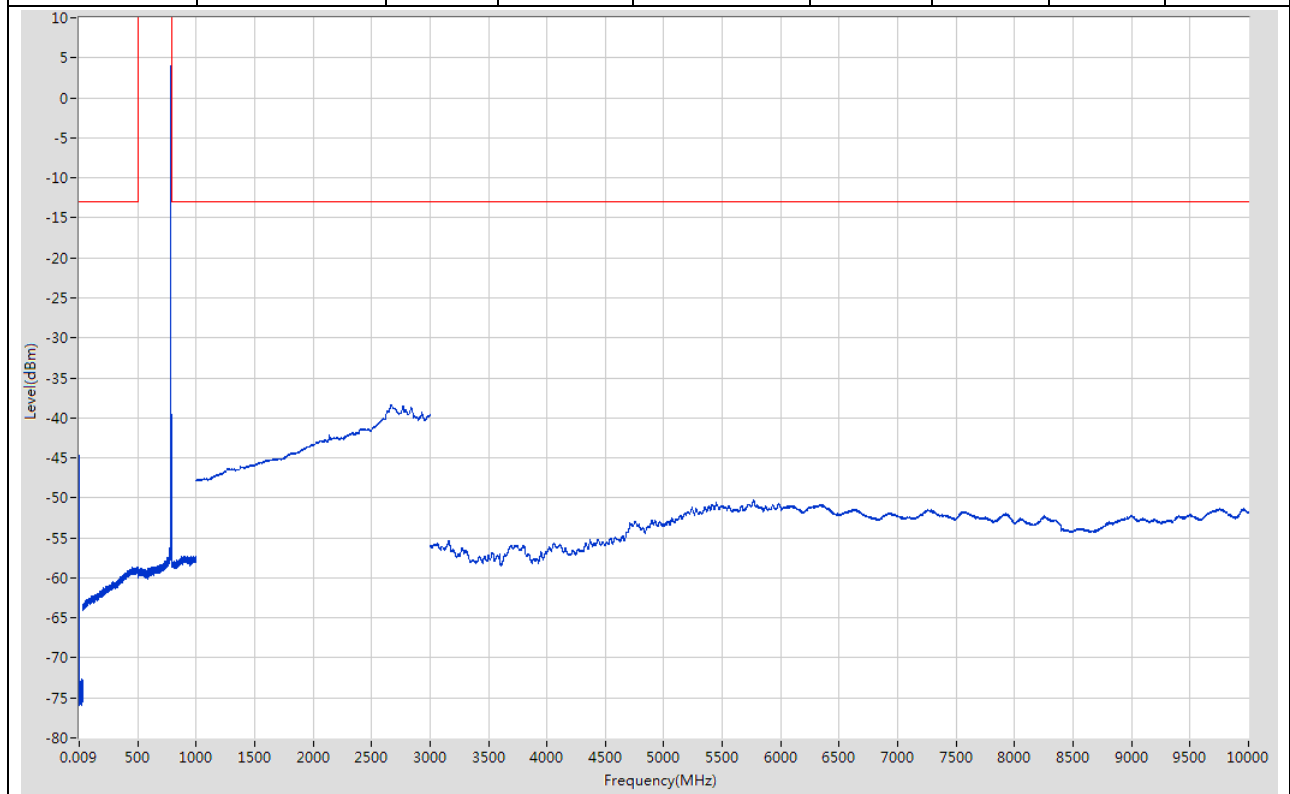
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-46.4	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.06	-13	Pass	2986
30	500	0.1	RMS	490.8	-58.64	-13	Pass	4701
500	795	0.1	RMS	786.4	3.35	60	Pass	2951
795	1000	0.1	RMS	899.1	-57.12	-13	Pass	2051
1000	3000	1	RMS	2669	-38.35	-13	Pass	2001
3000	10000	1	RMS	5768	-50.32	-13	Pass	7001



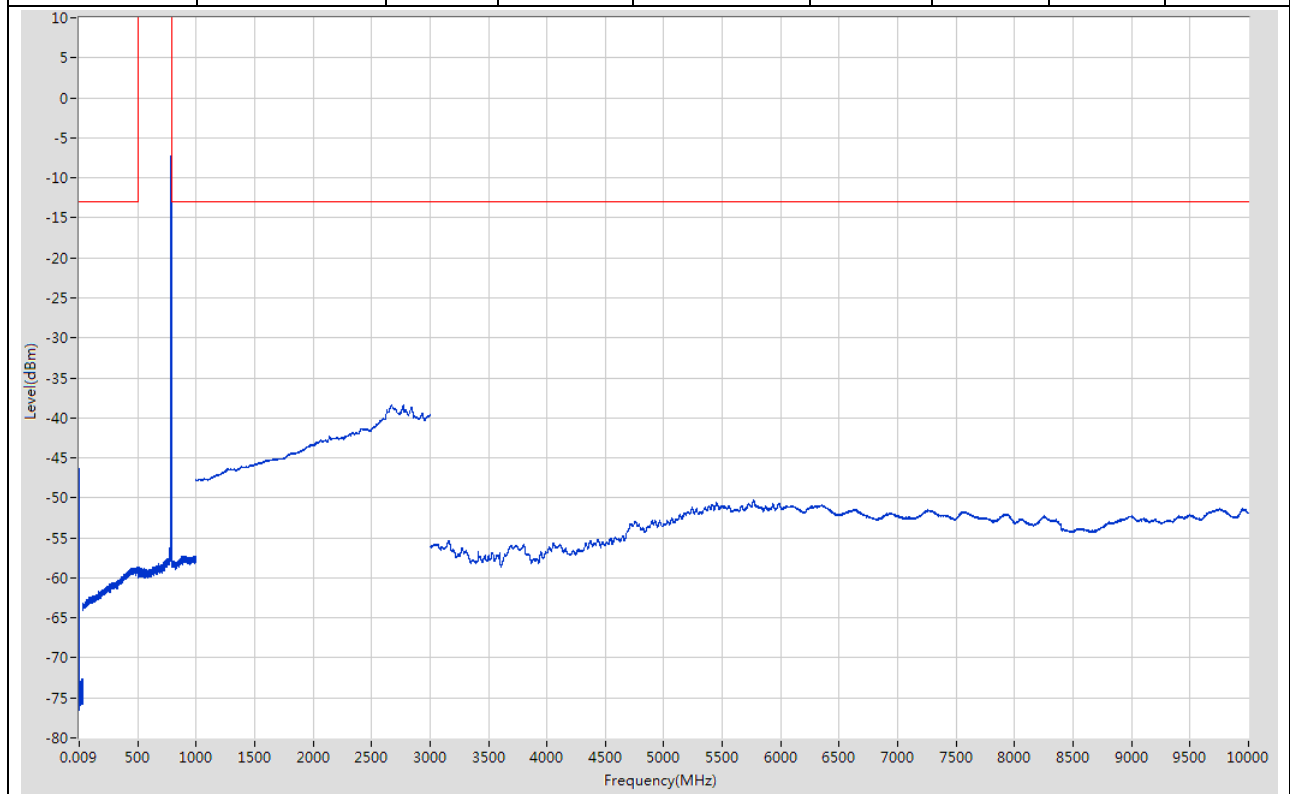
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-44.62	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.36	-13	Pass	2986
30	500	0.1	RMS	498.6	-58.61	-13	Pass	4701
500	795	0.1	RMS	777.6	3.97	60	Pass	2951
795	1000	0.1	RMS	795.2	-46.81	-13	Pass	2051
1000	3000	1	RMS	2668	-38.41	-13	Pass	2001
3000	10000	1	RMS	5770	-50.24	-13	Pass	7001



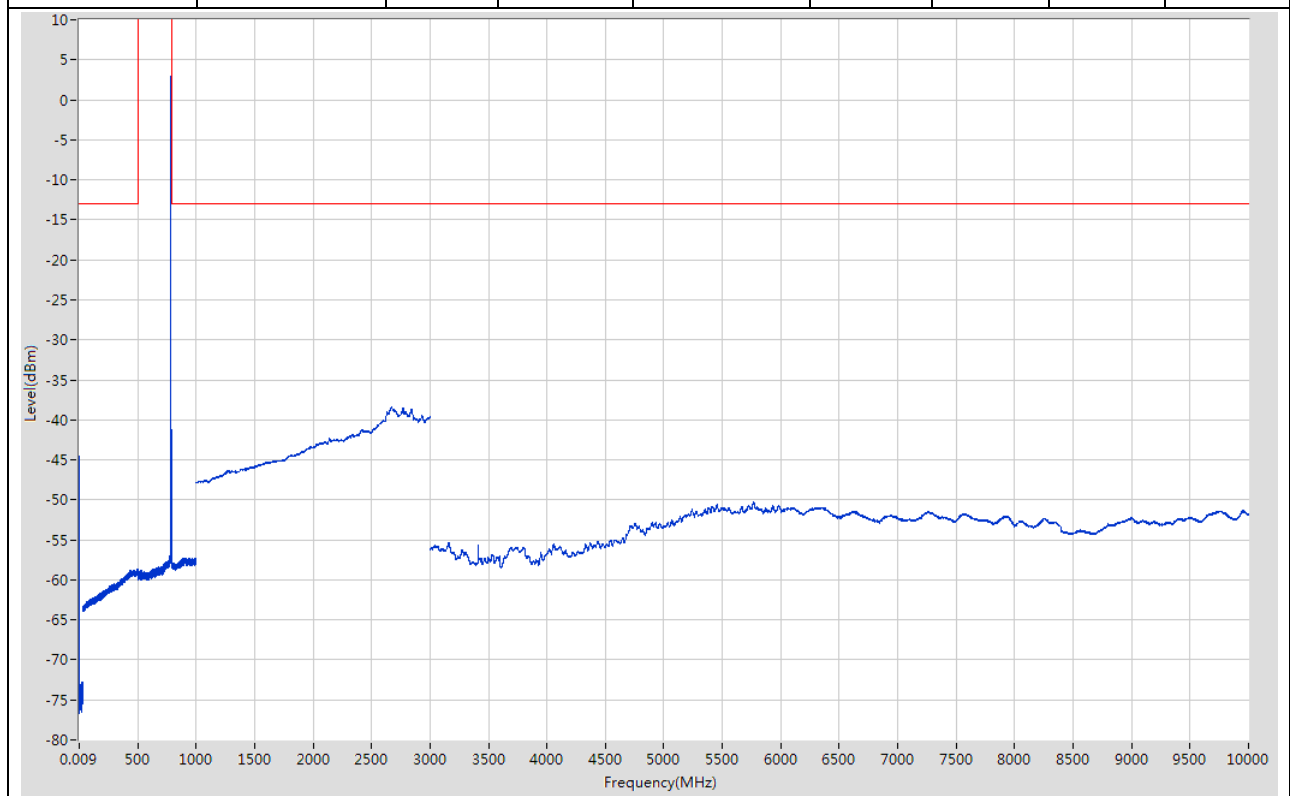
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	0.01	-46.36	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.33	-13	Pass	2986
30	500	0.1	RMS	499.5	-58.61	-13	Pass	4701
500	795	0.1	RMS	786.4	4.09	60	Pass	2951
795	1000	0.1	RMS	978.8	-57.24	-13	Pass	2051
1000	3000	1	RMS	2668	-38.38	-13	Pass	2001
3000	10000	1	RMS	5770	-50.21	-13	Pass	7001



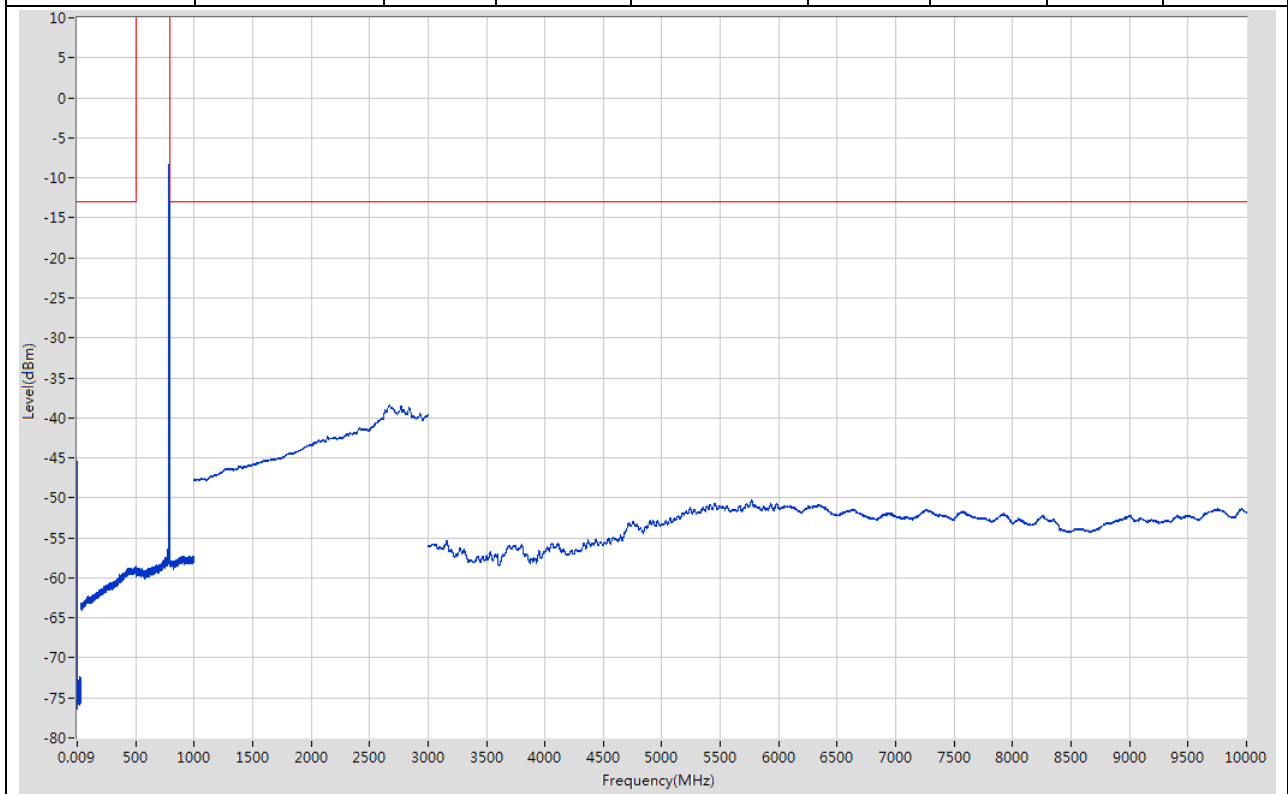
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-44.61	-13	Pass	401
0.15	30	0.01	RMS	0.16	-49.27	-13	Pass	2986
30	500	0.1	RMS	498.3	-58.68	-13	Pass	4701
500	795	0.1	RMS	777.6	2.96	60	Pass	2951
795	1000	0.1	RMS	795.2	-48.71	-13	Pass	2051
1000	3000	1	RMS	2670	-38.35	-13	Pass	2001
3000	10000	1	RMS	5770	-50.28	-13	Pass	7001



1.24. LTE Transmitter Spurious Emissions(Subtest:24, Channel:23230, 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	0.01	-45.44	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.59	-13	Pass	2986
30	500	0.1	RMS	499.5	-58.58	-13	Pass	4701
500	795	0.1	RMS	786.4	3.14	60	Pass	2951
795	1000	0.1	RMS	987.3	-57.26	-13	Pass	2051
1000	3000	1	RMS	2668	-38.39	-13	Pass	2001
3000	10000	1	RMS	5770	-50.23	-13	Pass	7001



END