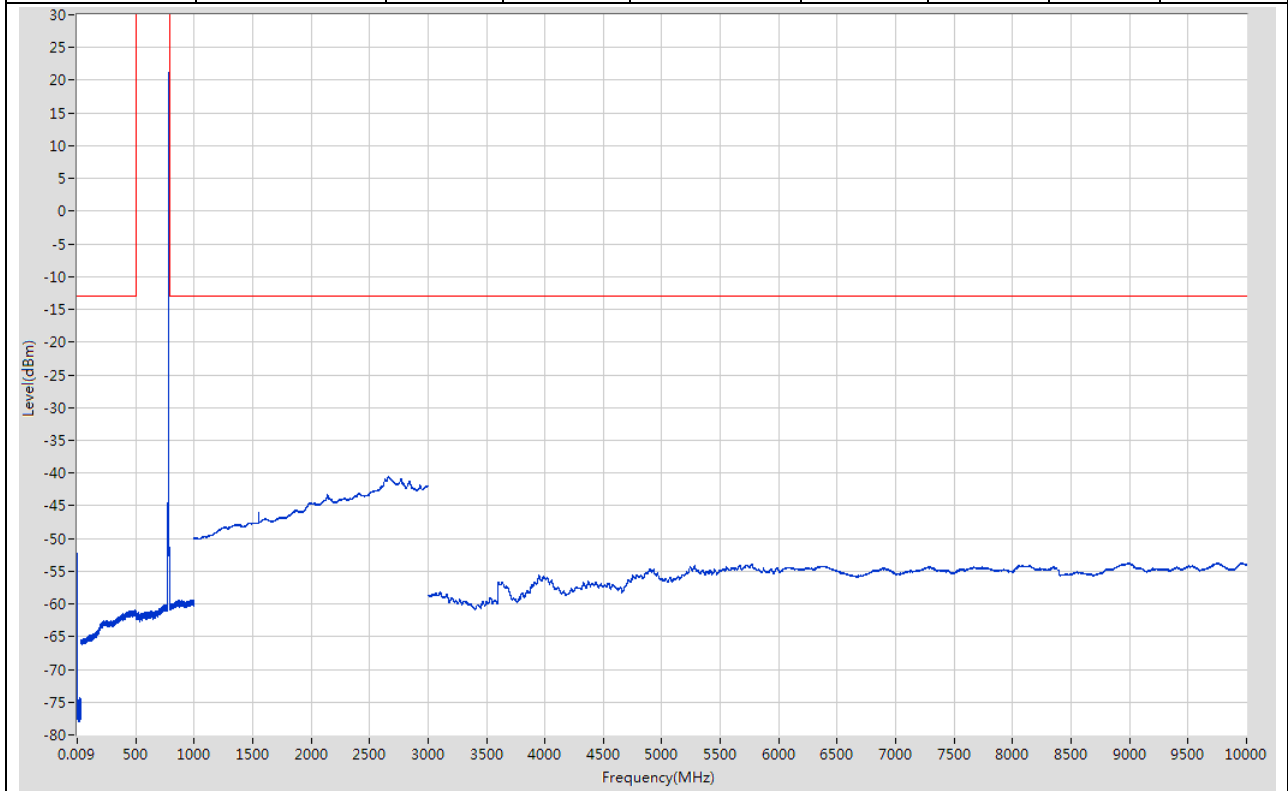


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

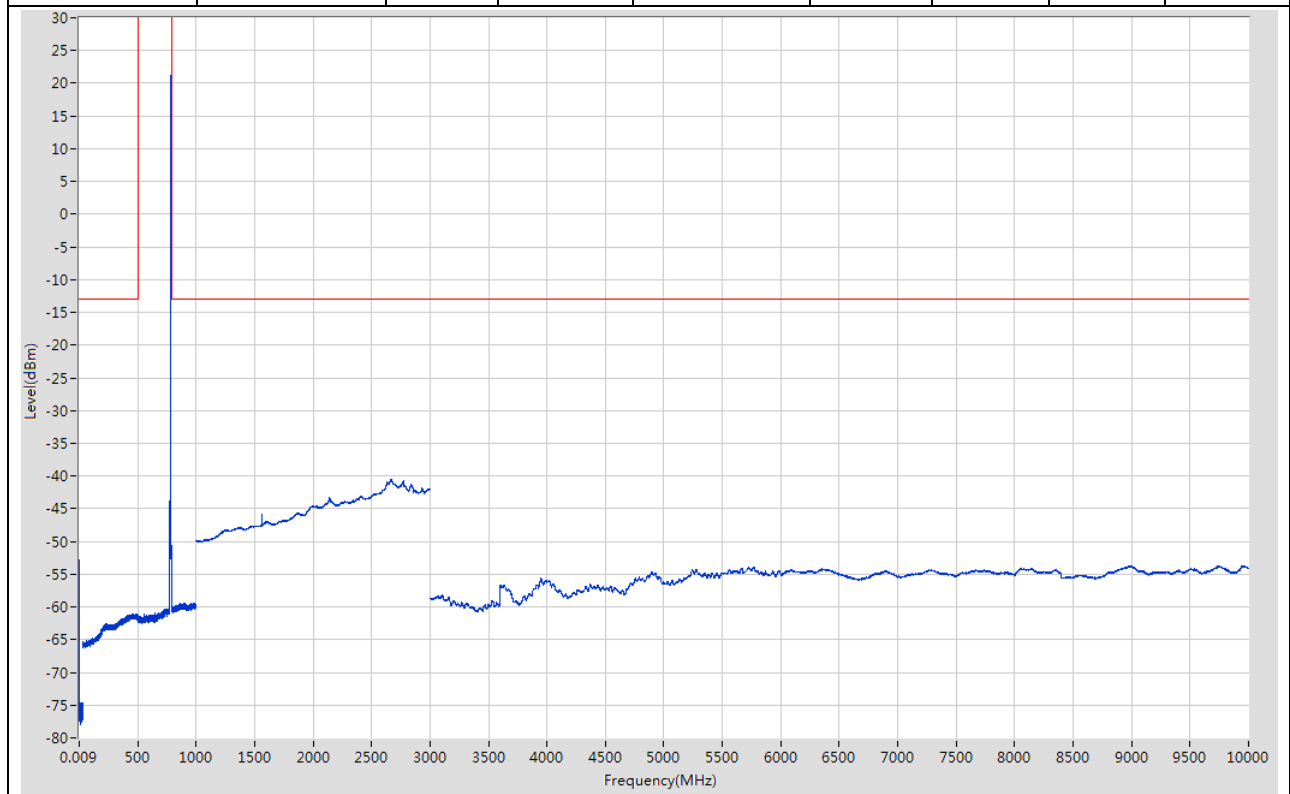
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.2	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.95	-13	Pass	2986
30	500	0.1	RMS	496.5	-60.96	-13	Pass	4701
500	795	0.1	RMS	777.3	21.22	60	Pass	2951
795	1000	0.1	RMS	999.2	-59.4	-13	Pass	2051
1000	3000	1	RMS	2663	-40.56	-13	Pass	2001
3000	10000	1	RMS	8999	-53.68	-13	Pass	7001



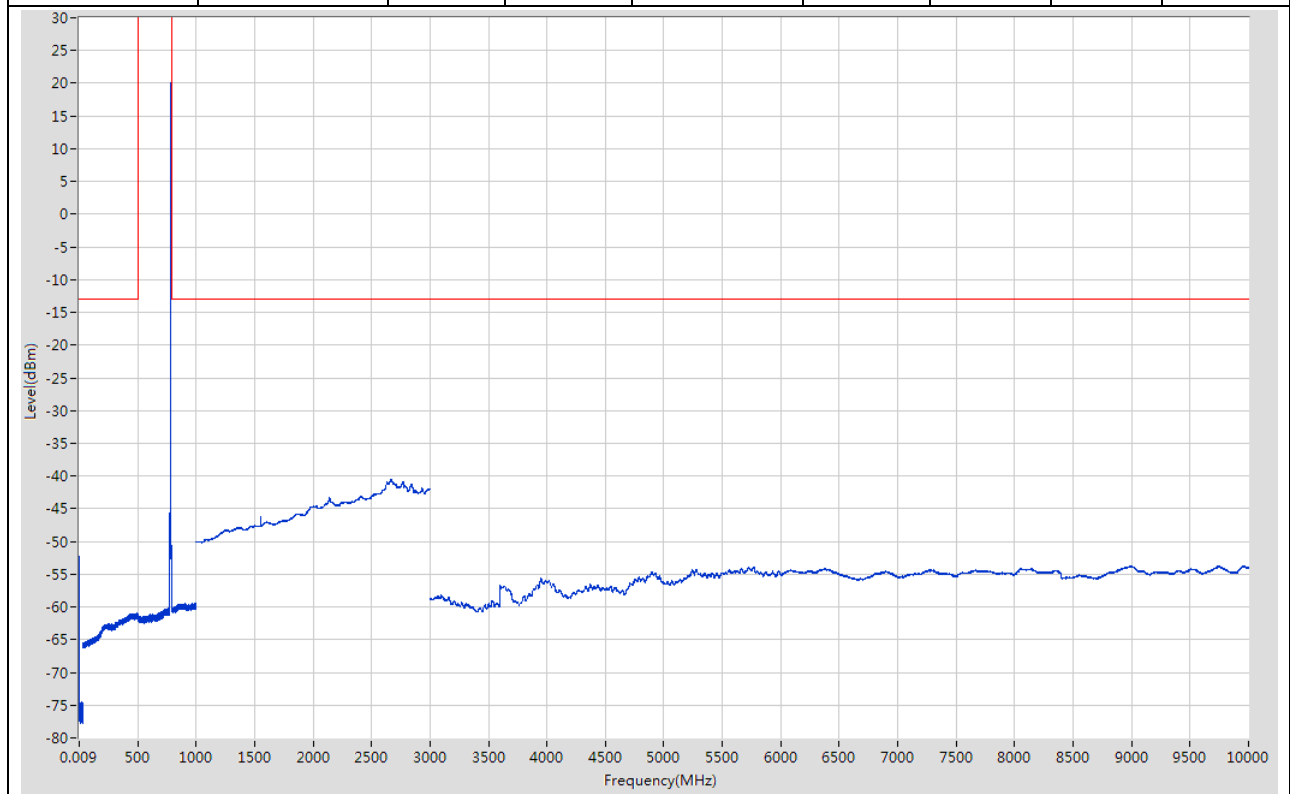
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-52.8	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.7	-13	Pass	2986
30	500	0.1	RMS	452.1	-61	-13	Pass	4701
500	795	0.1	RMS	781.7	21.25	60	Pass	2951
795	1000	0.1	RMS	954.1	-59.42	-13	Pass	2051
1000	3000	1	RMS	2661	-40.56	-13	Pass	2001
3000	10000	1	RMS	9952	-53.71	-13	Pass	7001



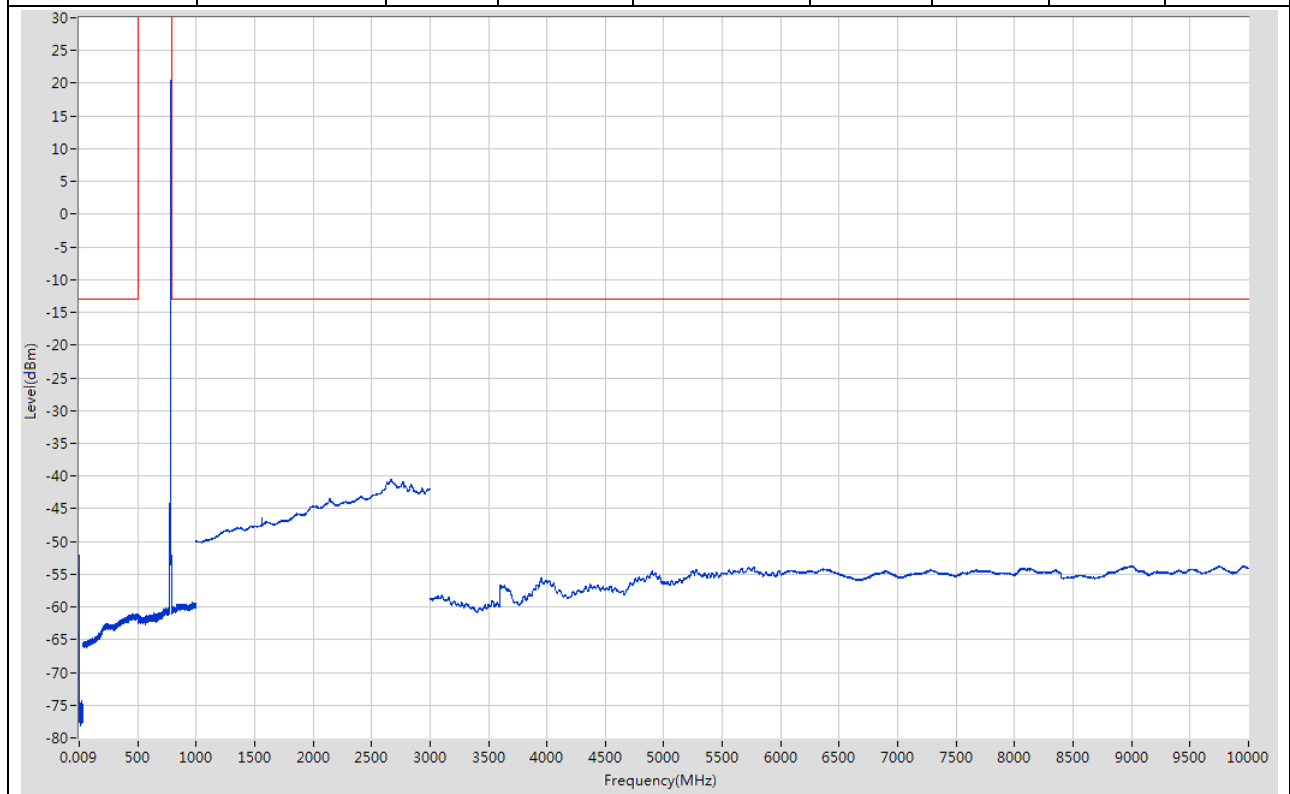
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.33	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.44	-13	Pass	2986
30	500	0.1	RMS	497.3	-60.97	-13	Pass	4701
500	795	0.1	RMS	777.3	20.17	60	Pass	2951
795	1000	0.1	RMS	987.9	-59.46	-13	Pass	2051
1000	3000	1	RMS	2670	-40.58	-13	Pass	2001
3000	10000	1	RMS	9954	-53.69	-13	Pass	7001



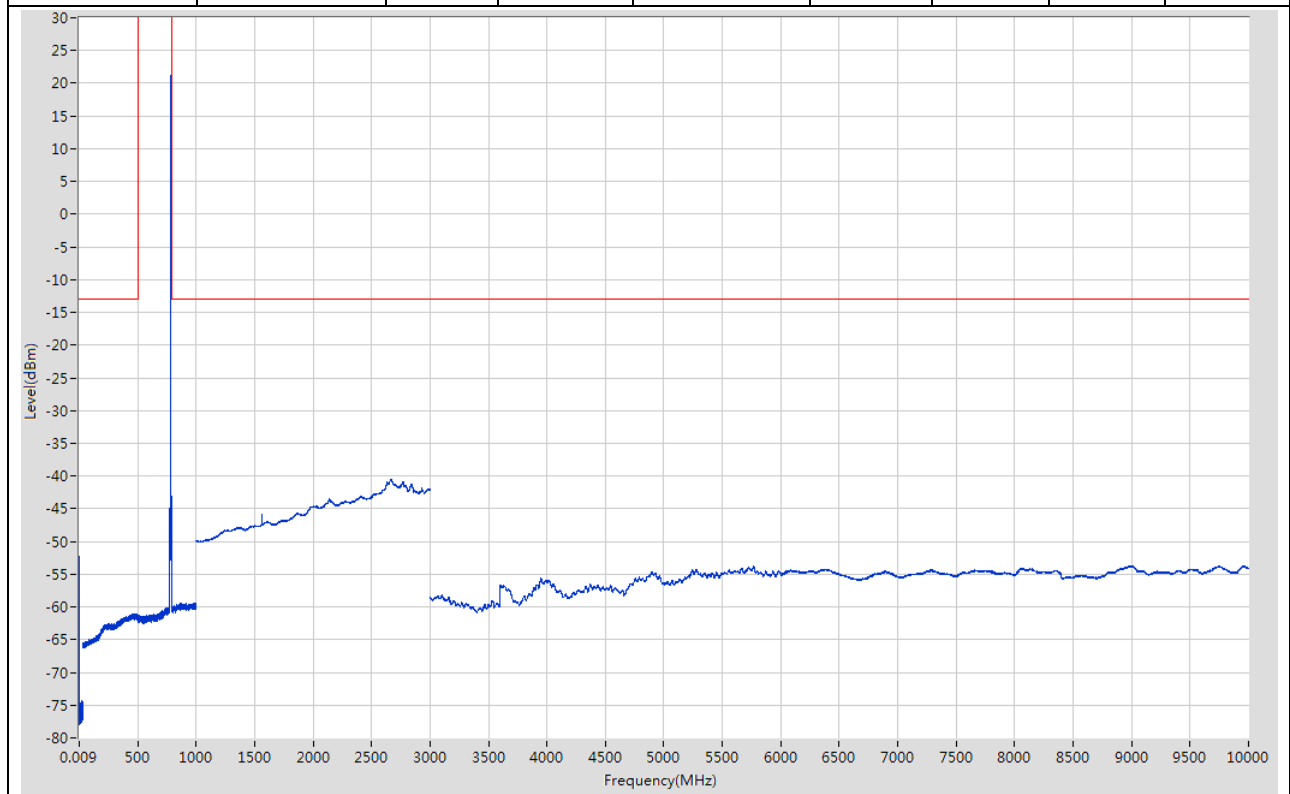
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-52.18	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.42	-13	Pass	2986
30	500	0.1	RMS	459.2	-61	-13	Pass	4701
500	795	0.1	RMS	781.7	20.51	60	Pass	2951
795	1000	0.1	RMS	964.9	-59.34	-13	Pass	2051
1000	3000	1	RMS	2664	-40.56	-13	Pass	2001
3000	10000	1	RMS	8994	-53.69	-13	Pass	7001



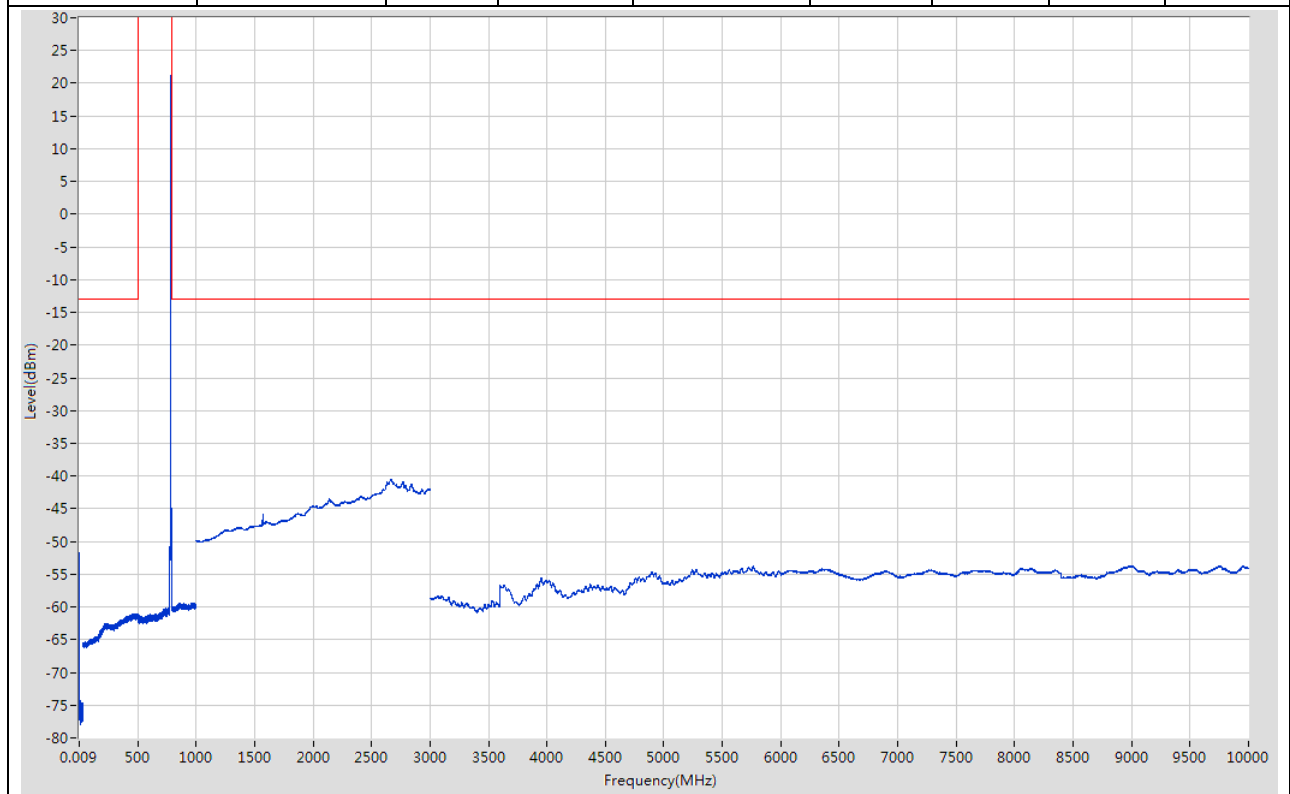
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.009	-52.27	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.22	-13	Pass	2986
30	500	0.1	RMS	498.3	-61.03	-13	Pass	4701
500	795	0.1	RMS	779.8	21.12	60	Pass	2951
795	1000	0.1	RMS	867.1	-59.39	-13	Pass	2051
1000	3000	1	RMS	2670	-40.54	-13	Pass	2001
3000	10000	1	RMS	8993	-53.66	-13	Pass	7001



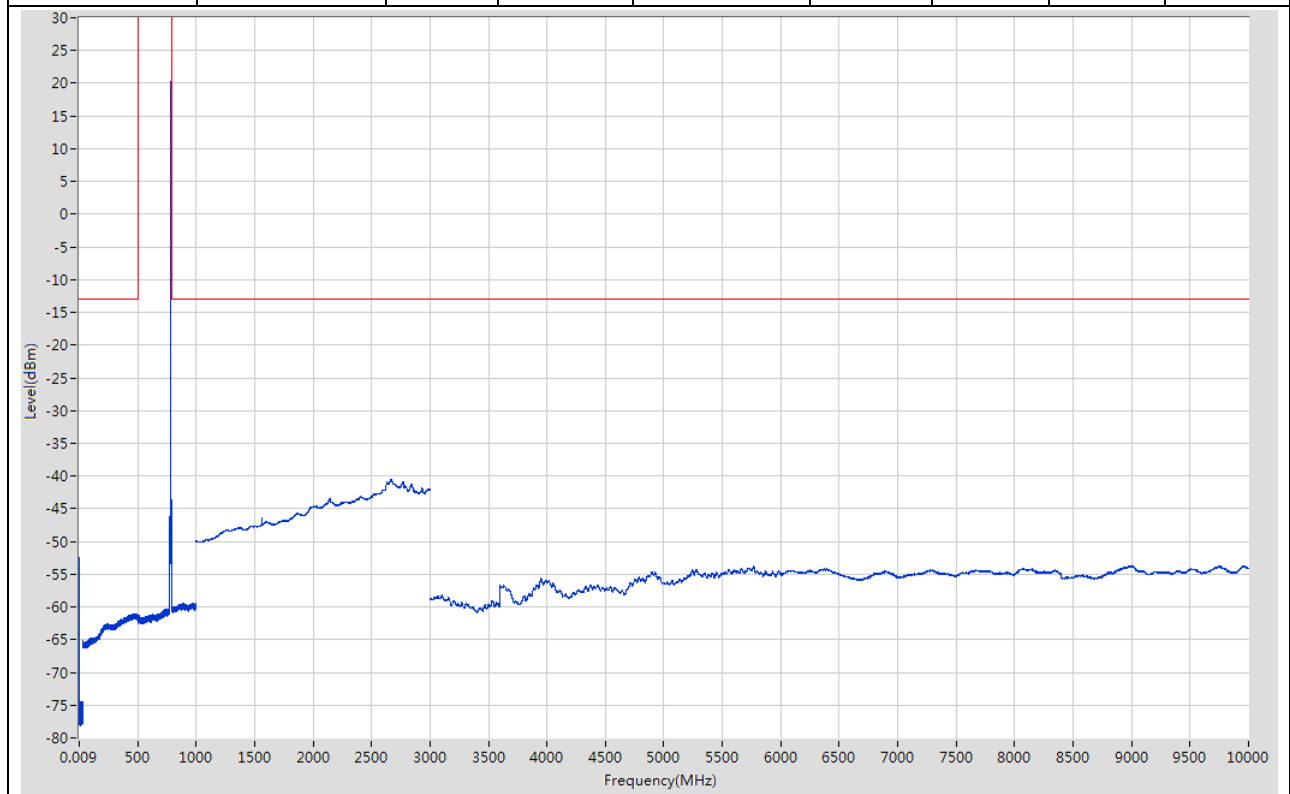
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-51.67	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.58	-13	Pass	2986
30	500	0.1	RMS	492.9	-60.99	-13	Pass	4701
500	795	0.1	RMS	784.2	21.15	60	Pass	2951
795	1000	0.1	RMS	985.9	-59.37	-13	Pass	2051
1000	3000	1	RMS	2663	-40.58	-13	Pass	2001
3000	10000	1	RMS	9001	-53.67	-13	Pass	7001



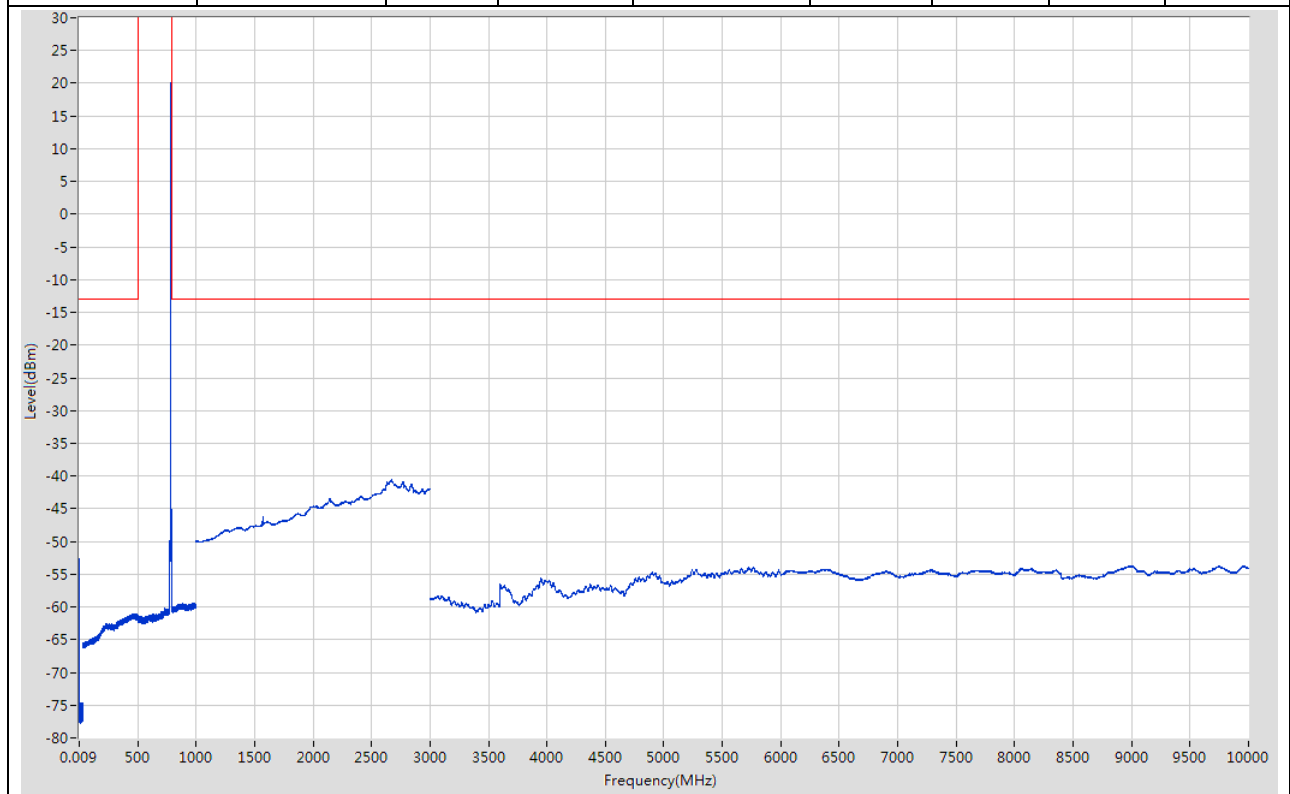
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.009	-52.43	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.84	-13	Pass	2986
30	500	0.1	RMS	494.5	-61.01	-13	Pass	4701
500	795	0.1	RMS	779.8	20.18	60	Pass	2951
795	1000	0.1	RMS	894.8	-59.4	-13	Pass	2051
1000	3000	1	RMS	2662	-40.58	-13	Pass	2001
3000	10000	1	RMS	8996	-53.65	-13	Pass	7001



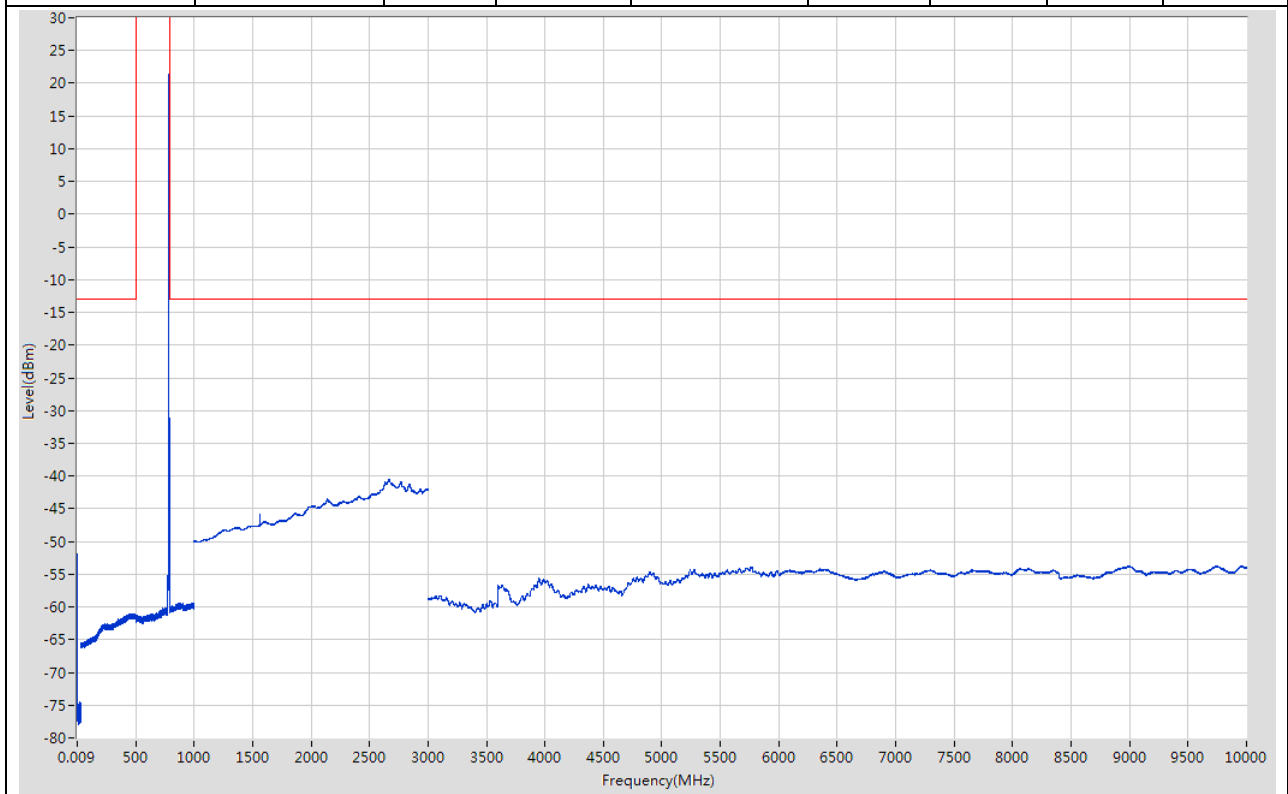
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-52.63	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.54	-13	Pass	2986
30	500	0.1	RMS	489.2	-61.03	-13	Pass	4701
500	795	0.1	RMS	784.2	20.15	60	Pass	2951
795	1000	0.1	RMS	985.7	-59.37	-13	Pass	2051
1000	3000	1	RMS	2669	-40.59	-13	Pass	2001
3000	10000	1	RMS	9956	-53.72	-13	Pass	7001



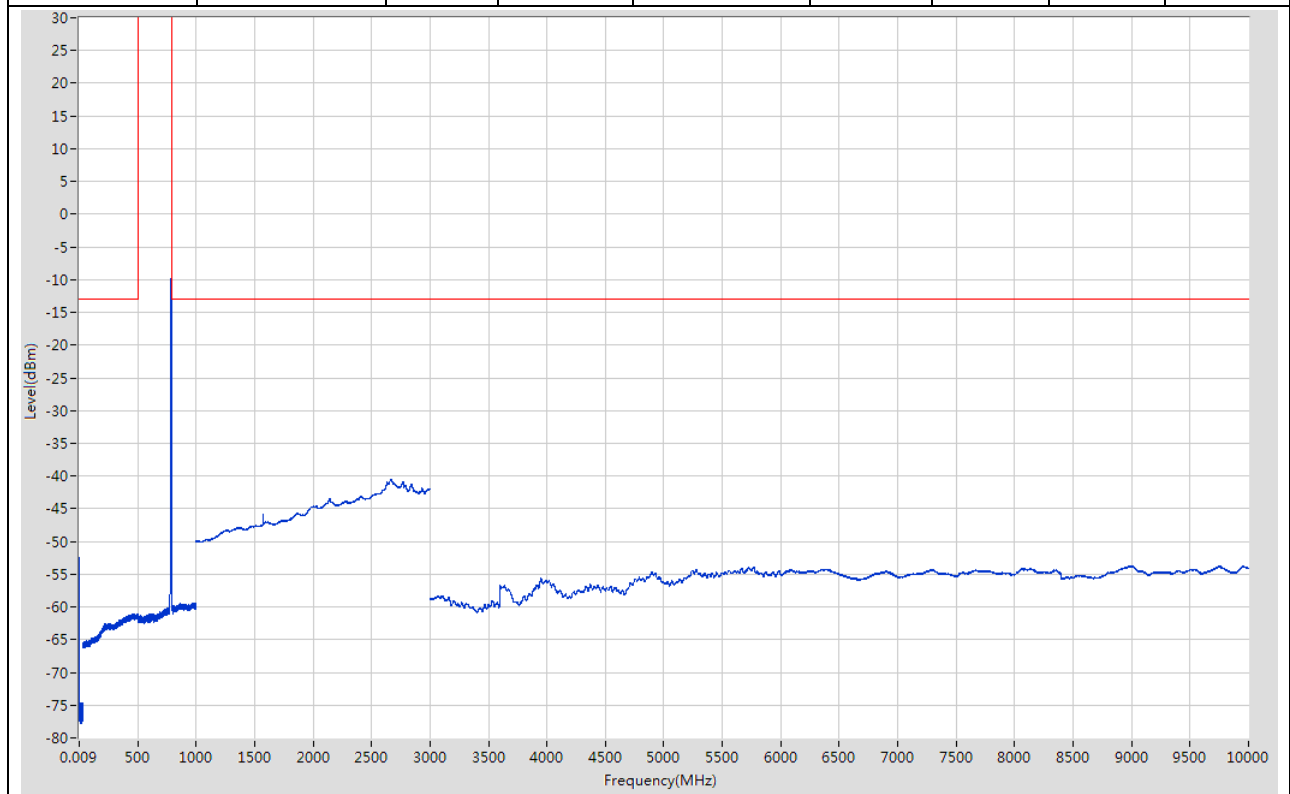
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-51.85	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.71	-13	Pass	2986
30	500	0.1	RMS	462.2	-61.04	-13	Pass	4701
500	795	0.1	RMS	782.3	21.31	60	Pass	2951
795	1000	0.1	RMS	977.4	-59.42	-13	Pass	2051
1000	3000	1	RMS	2668	-40.55	-13	Pass	2001
3000	10000	1	RMS	8995	-53.68	-13	Pass	7001



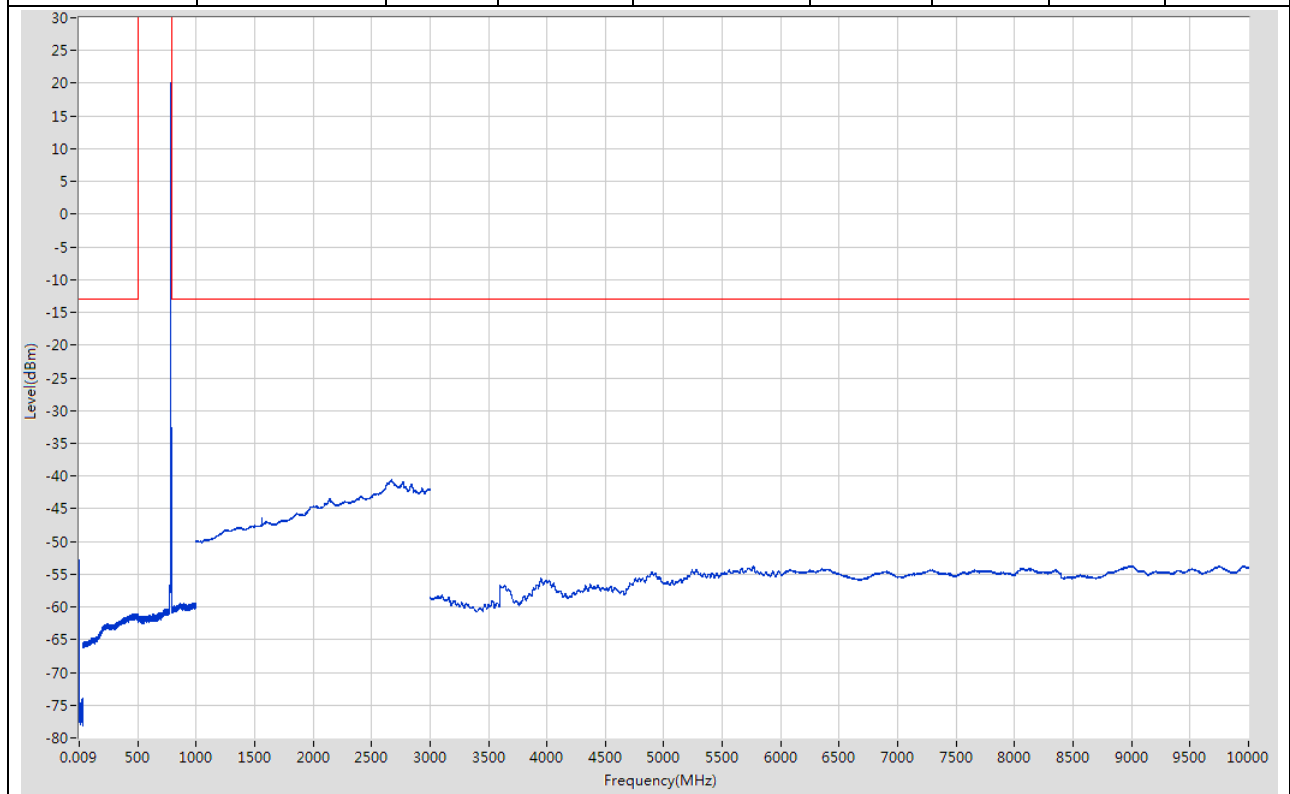
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-52.38	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.65	-13	Pass	2986
30	500	0.1	RMS	495	-61.01	-13	Pass	4701
500	795	0.1	RMS	786.7	20.95	60	Pass	2951
795	1000	0.1	RMS	977.9	-59.44	-13	Pass	2051
1000	3000	1	RMS	2670	-40.56	-13	Pass	2001
3000	10000	1	RMS	9003	-53.69	-13	Pass	7001



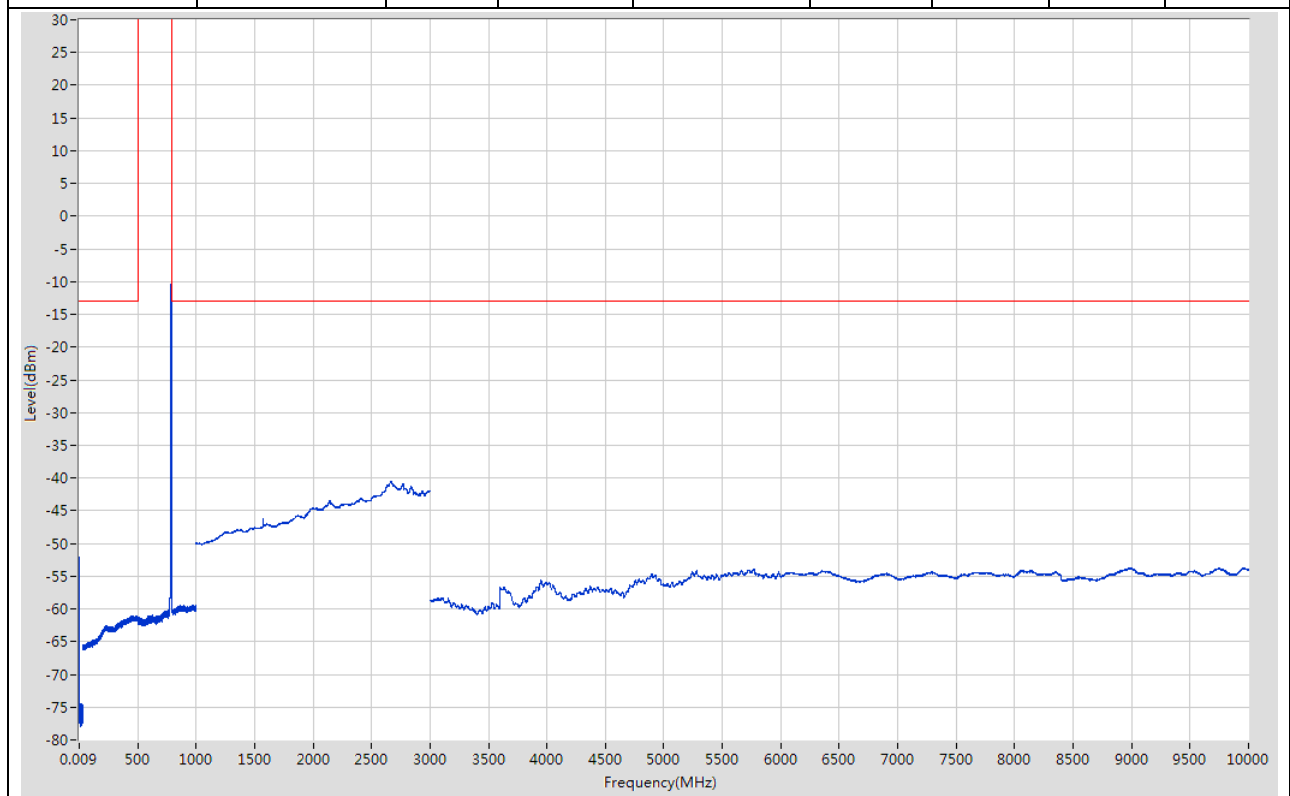
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.01	-52.81	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.51	-13	Pass	2986
30	500	0.1	RMS	499.8	-61.06	-13	Pass	4701
500	795	0.1	RMS	782.3	20.17	60	Pass	2951
795	1000	0.1	RMS	982.2	-59.39	-13	Pass	2051
1000	3000	1	RMS	2670	-40.59	-13	Pass	2001
3000	10000	1	RMS	8995	-53.69	-13	Pass	7001



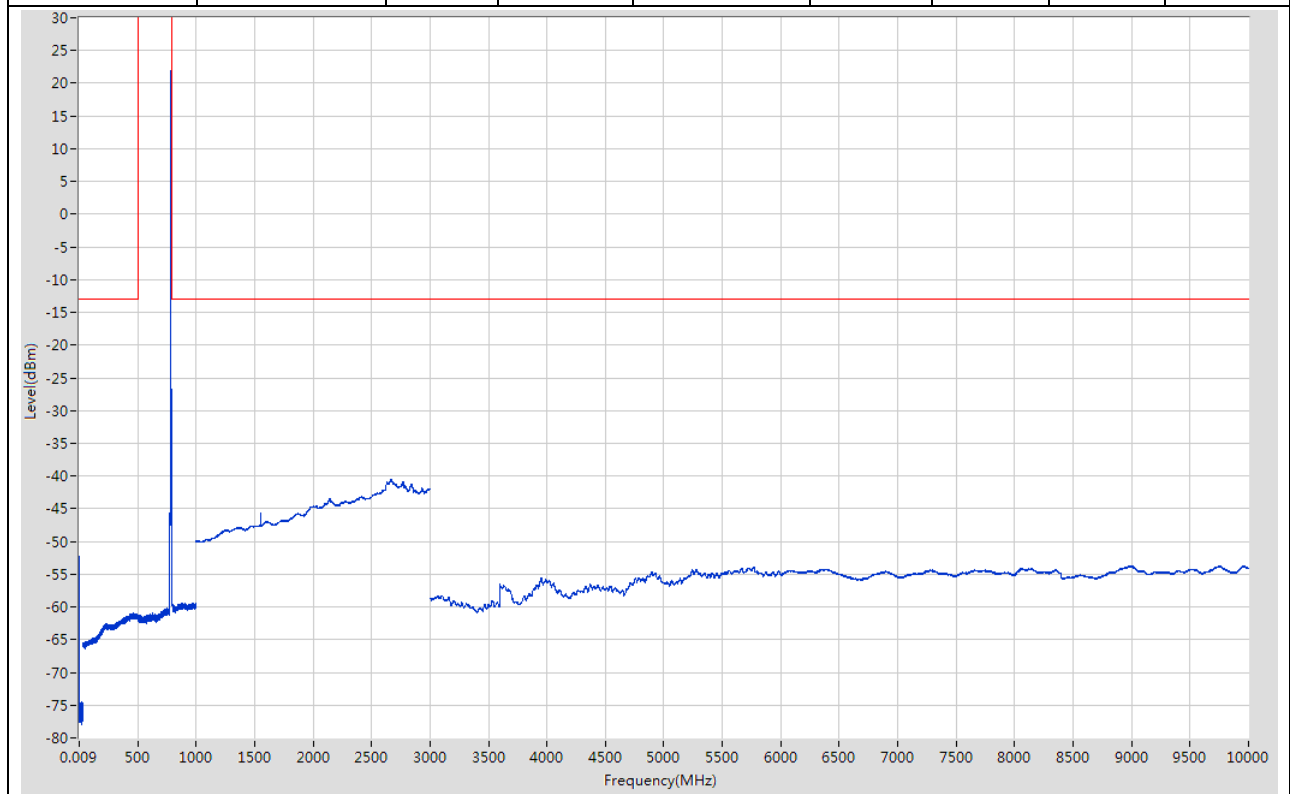
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-52.07	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.51	-13	Pass	2986
30	500	0.1	RMS	482.8	-61.1	-13	Pass	4701
500	795	0.1	RMS	786.7	20.42	60	Pass	2951
795	1000	0.1	RMS	997.4	-59.41	-13	Pass	2051
1000	3000	1	RMS	2661	-40.56	-13	Pass	2001
3000	10000	1	RMS	9950	-53.7	-13	Pass	7001



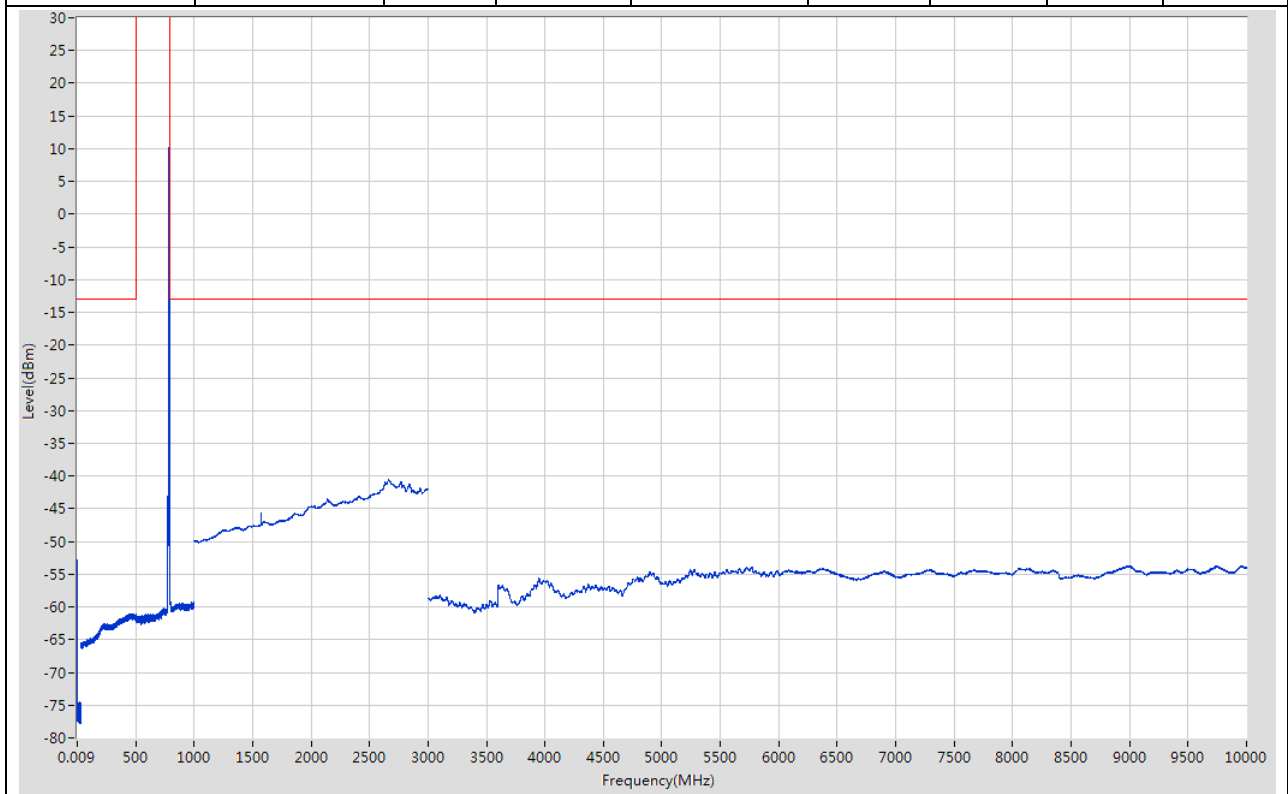
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.36	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.05	-13	Pass	2986
30	500	0.1	RMS	460.1	-60.85	-13	Pass	4701
500	795	0.1	RMS	777.6	21.86	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.47	-13	Pass	2051
1000	3000	1	RMS	2670	-40.59	-13	Pass	2001
3000	10000	1	RMS	9956	-53.65	-13	Pass	7001



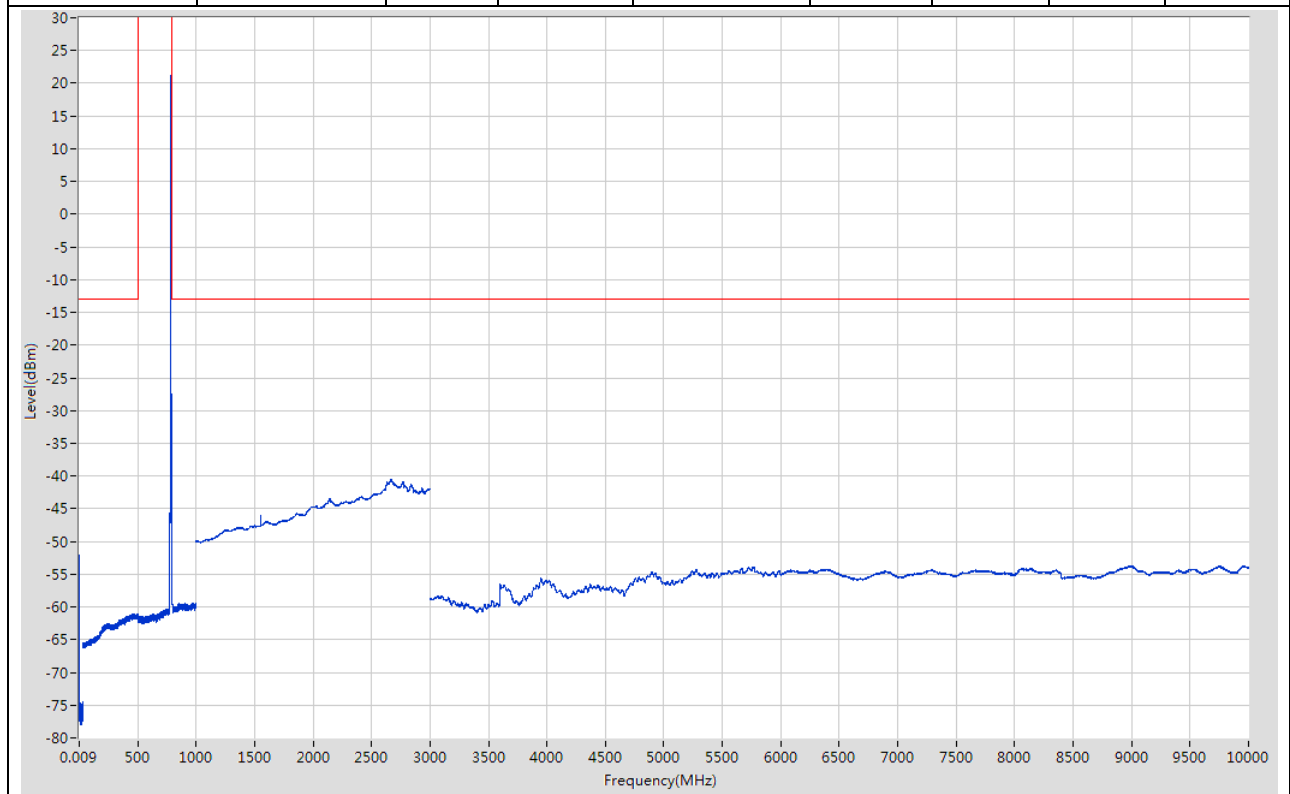
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	0.009	-52.77	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.07	-13	Pass	2986
30	500	0.1	RMS	499.1	-61.01	-13	Pass	4701
500	795	0.1	RMS	786.4	21.7	60	Pass	2951
795	1000	0.1	RMS	795.3	-55.51	-13	Pass	2051
1000	3000	1	RMS	2667	-40.6	-13	Pass	2001
3000	10000	1	RMS	9748	-53.7	-13	Pass	7001



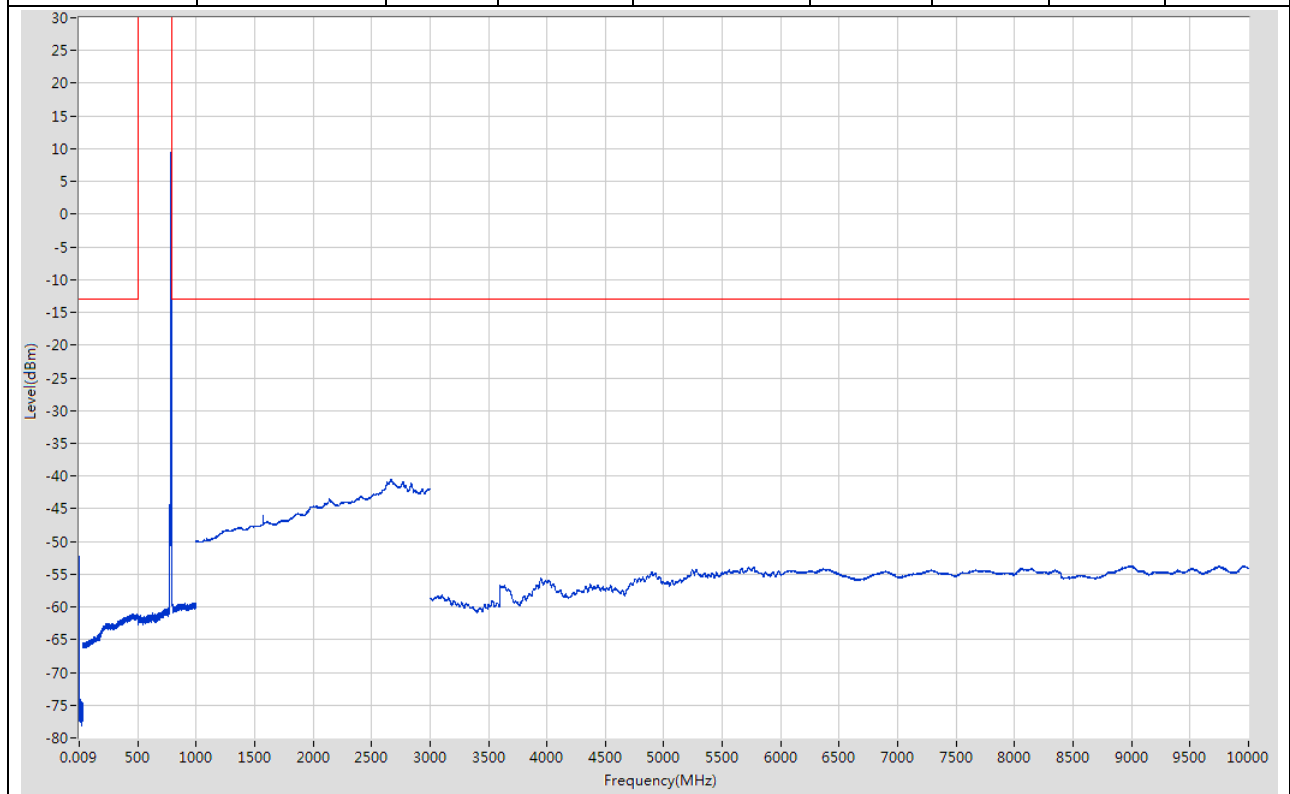
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.06	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.27	-13	Pass	2986
30	500	0.1	RMS	499.4	-61	-13	Pass	4701
500	795	0.1	RMS	777.6	21.1	60	Pass	2951
795	1000	0.1	RMS	795.2	-54.21	-13	Pass	2051
1000	3000	1	RMS	2663	-40.58	-13	Pass	2001
3000	10000	1	RMS	9953	-53.69	-13	Pass	7001



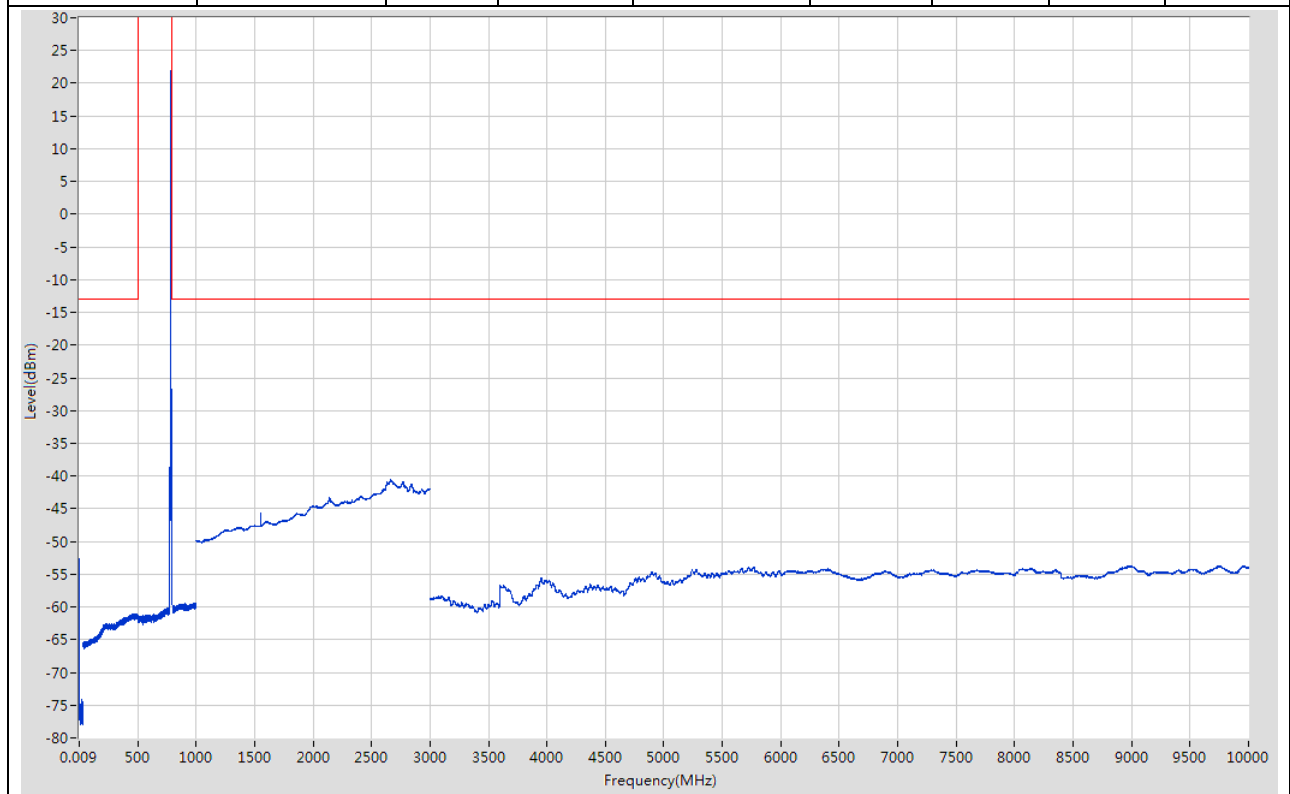
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-52.35	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.4	-13	Pass	2986
30	500	0.1	RMS	460.7	-61.02	-13	Pass	4701
500	795	0.1	RMS	786.4	20.62	60	Pass	2951
795	1000	0.1	RMS	795.3	-56.5	-13	Pass	2051
1000	3000	1	RMS	2670	-40.59	-13	Pass	2001
3000	10000	1	RMS	9747	-53.69	-13	Pass	7001



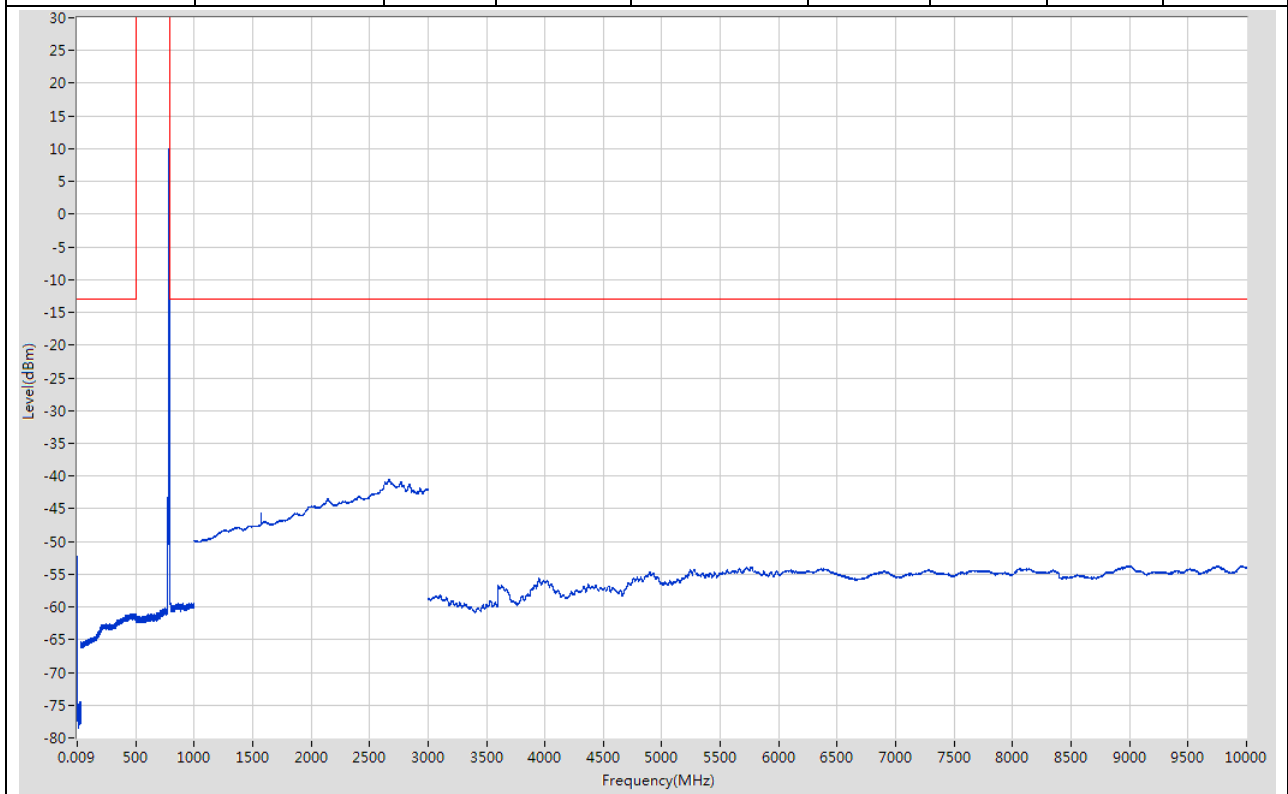
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.009	-52.58	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.83	-13	Pass	2986
30	500	0.1	RMS	460	-61	-13	Pass	4701
500	795	0.1	RMS	777.6	21.84	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.48	-13	Pass	2051
1000	3000	1	RMS	2666	-40.59	-13	Pass	2001
3000	10000	1	RMS	8990	-53.66	-13	Pass	7001



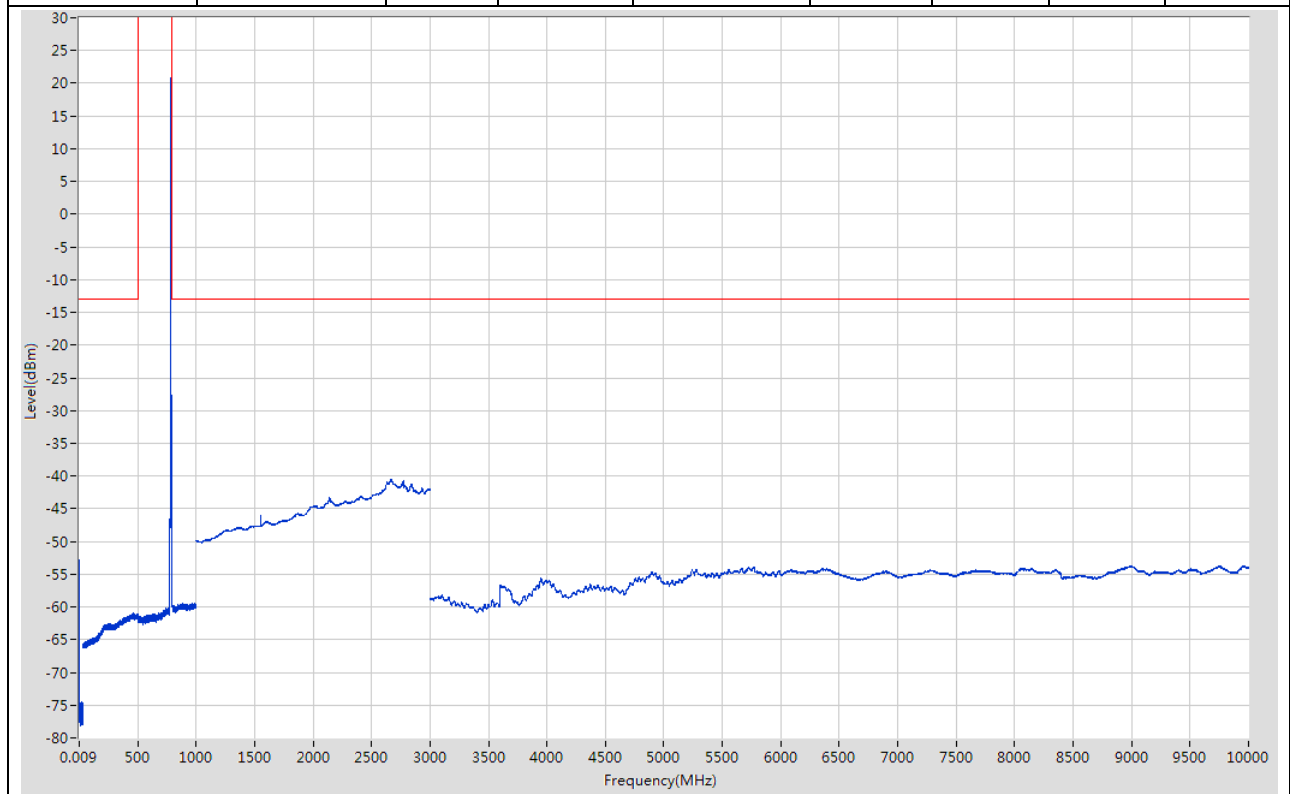
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-52.33	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.55	-13	Pass	2986
30	500	0.1	RMS	461.5	-60.99	-13	Pass	4701
500	795	0.1	RMS	786.4	21.69	60	Pass	2951
795	1000	0.1	RMS	795.2	-55.31	-13	Pass	2051
1000	3000	1	RMS	2667	-40.57	-13	Pass	2001
3000	10000	1	RMS	8996	-53.68	-13	Pass	7001



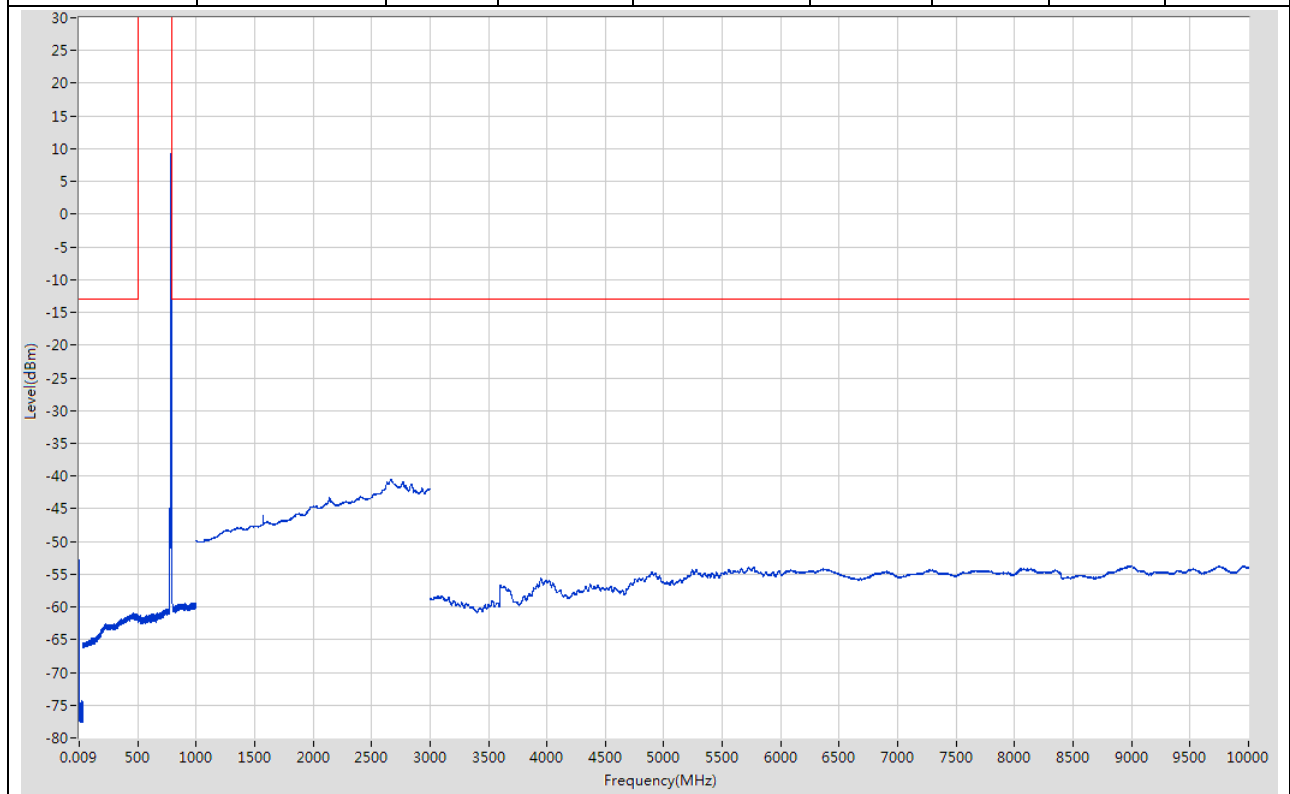
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.83	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.44	-13	Pass	2986
30	500	0.1	RMS	460.4	-60.97	-13	Pass	4701
500	795	0.1	RMS	777.6	20.76	60	Pass	2951
795	1000	0.1	RMS	795.2	-54.19	-13	Pass	2051
1000	3000	1	RMS	2662	-40.59	-13	Pass	2001
3000	10000	1	RMS	9003	-53.72	-13	Pass	7001



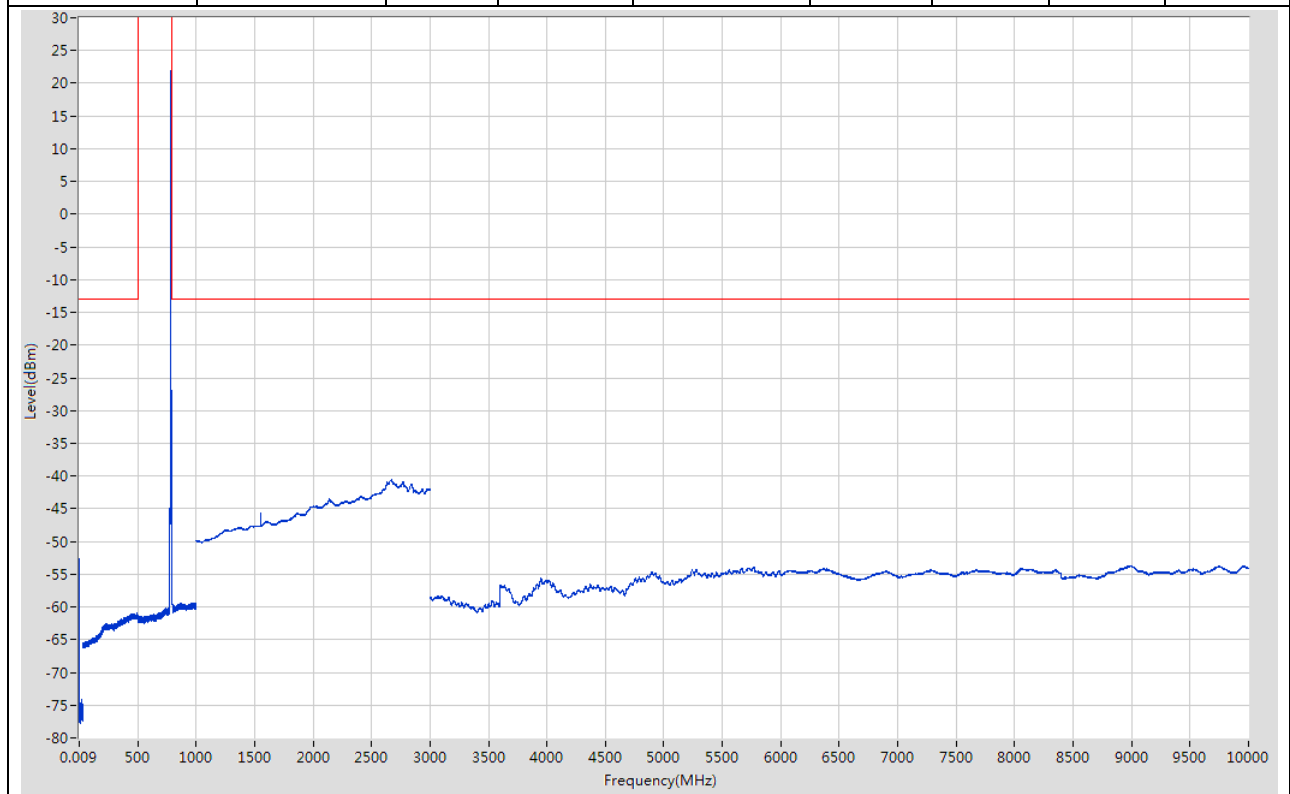
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-52.8	-13	Pass	401
0.15	30	0.01	RMS	0.15	-53.91	-13	Pass	2986
30	500	0.1	RMS	464.4	-60.93	-13	Pass	4701
500	795	0.1	RMS	786.4	20.71	60	Pass	2951
795	1000	0.1	RMS	795.2	-56.23	-13	Pass	2051
1000	3000	1	RMS	2663	-40.56	-13	Pass	2001
3000	10000	1	RMS	9954	-53.66	-13	Pass	7001



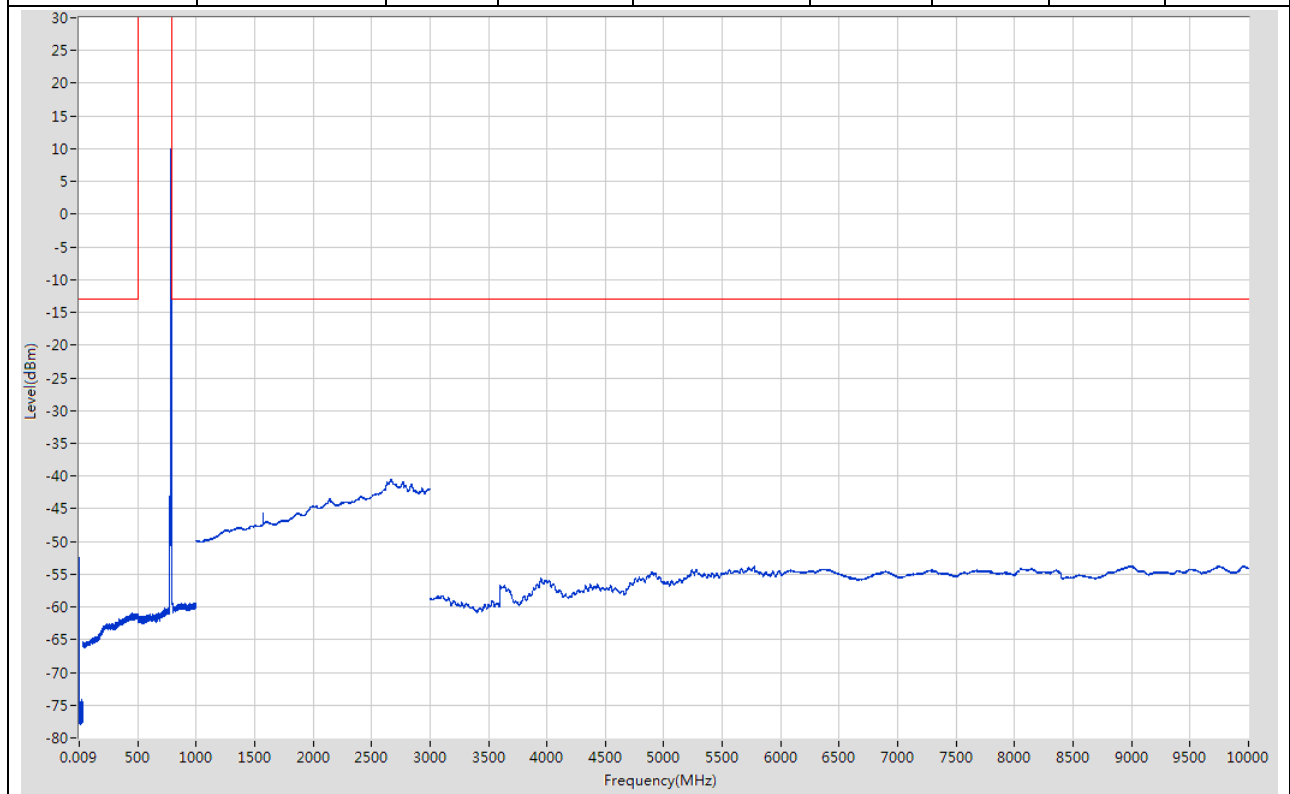
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.6	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.26	-13	Pass	2986
30	500	0.1	RMS	492.5	-60.87	-13	Pass	4701
500	795	0.1	RMS	777.6	21.99	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.2	-13	Pass	2051
1000	3000	1	RMS	2669	-40.54	-13	Pass	2001
3000	10000	1	RMS	8998	-53.65	-13	Pass	7001



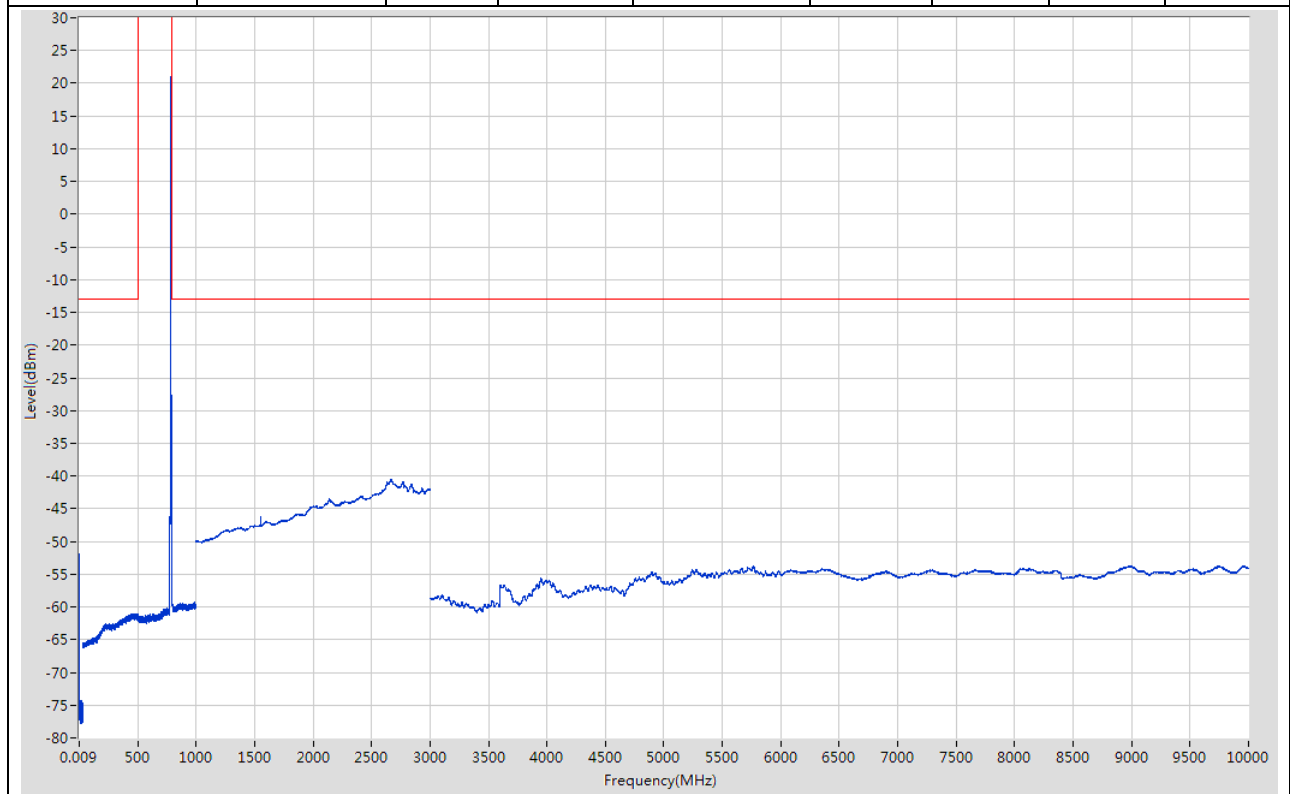
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	0.009	-52.44	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.14	-13	Pass	2986
30	500	0.1	RMS	453.6	-60.98	-13	Pass	4701
500	795	0.1	RMS	786.4	21.72	60	Pass	2951
795	1000	0.1	RMS	795.2	-55.56	-13	Pass	2051
1000	3000	1	RMS	2670	-40.56	-13	Pass	2001
3000	10000	1	RMS	9950	-53.66	-13	Pass	7001



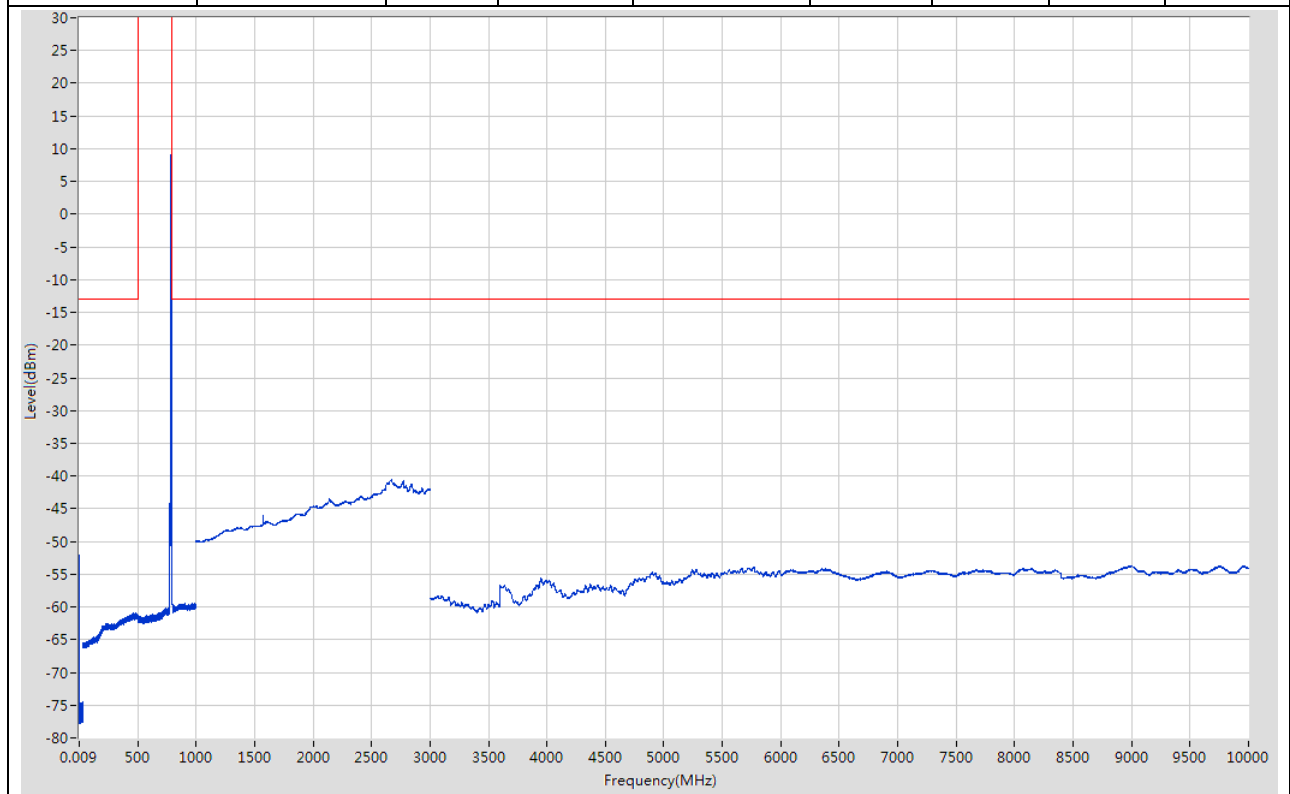
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-51.84	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.84	-13	Pass	2986
30	500	0.1	RMS	455.8	-61	-13	Pass	4701
500	795	0.1	RMS	777.6	21	60	Pass	2951
795	1000	0.1	RMS	795.2	-54.47	-13	Pass	2051
1000	3000	1	RMS	2667	-40.57	-13	Pass	2001
3000	10000	1	RMS	9952	-53.68	-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	0.009	-52.02	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.35	-13	Pass	2986
30	500	0.1	RMS	467.2	-60.94	-13	Pass	4701
500	795	0.1	RMS	786.4	20.96	60	Pass	2951
795	1000	0.1	RMS	795.3	-56.22	-13	Pass	2051
1000	3000	1	RMS	2668	-40.56	-13	Pass	2001
3000	10000	1	RMS	9000	-53.71	-13	Pass	7001



END