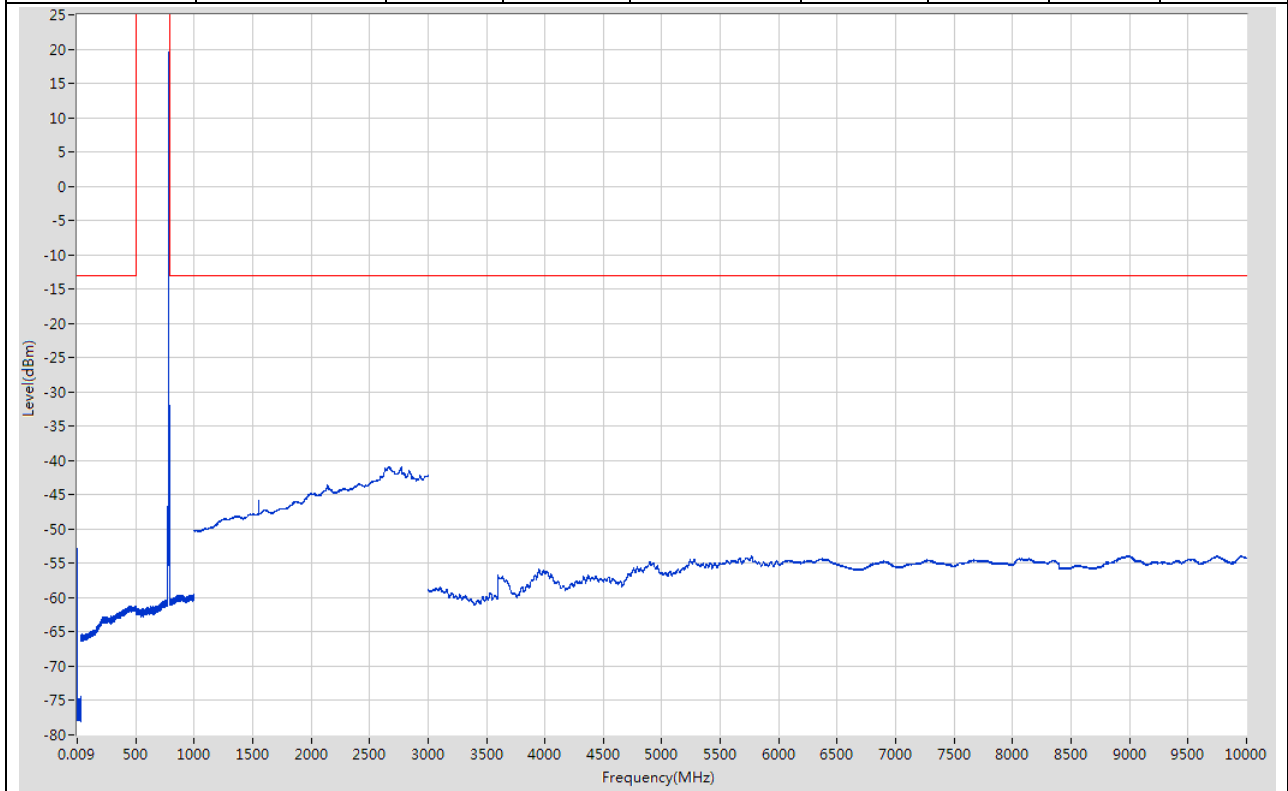


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

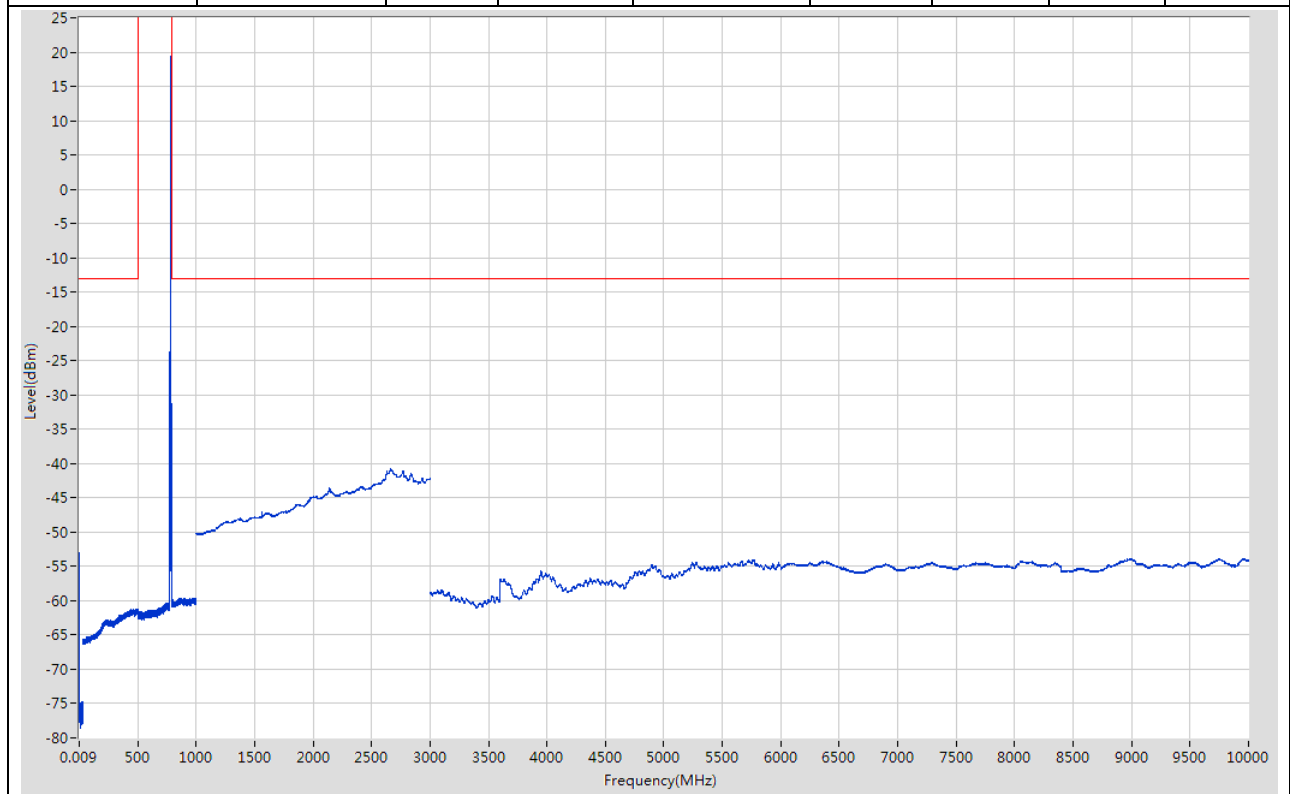
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.86	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.91	-13	Pass	2986
30	500	0.1	RMS	455.6	-61.16	-13	Pass	4701
500	795	0.1	RMS	777.3	19.64	60	Pass	2951
795	1000	0.1	RMS	998.4	-59.52	-13	Pass	2051
1000	3000	1	RMS	2666	-40.84	-13	Pass	2001
3000	10000	1	RMS	9008	-53.87	-13	Pass	7001



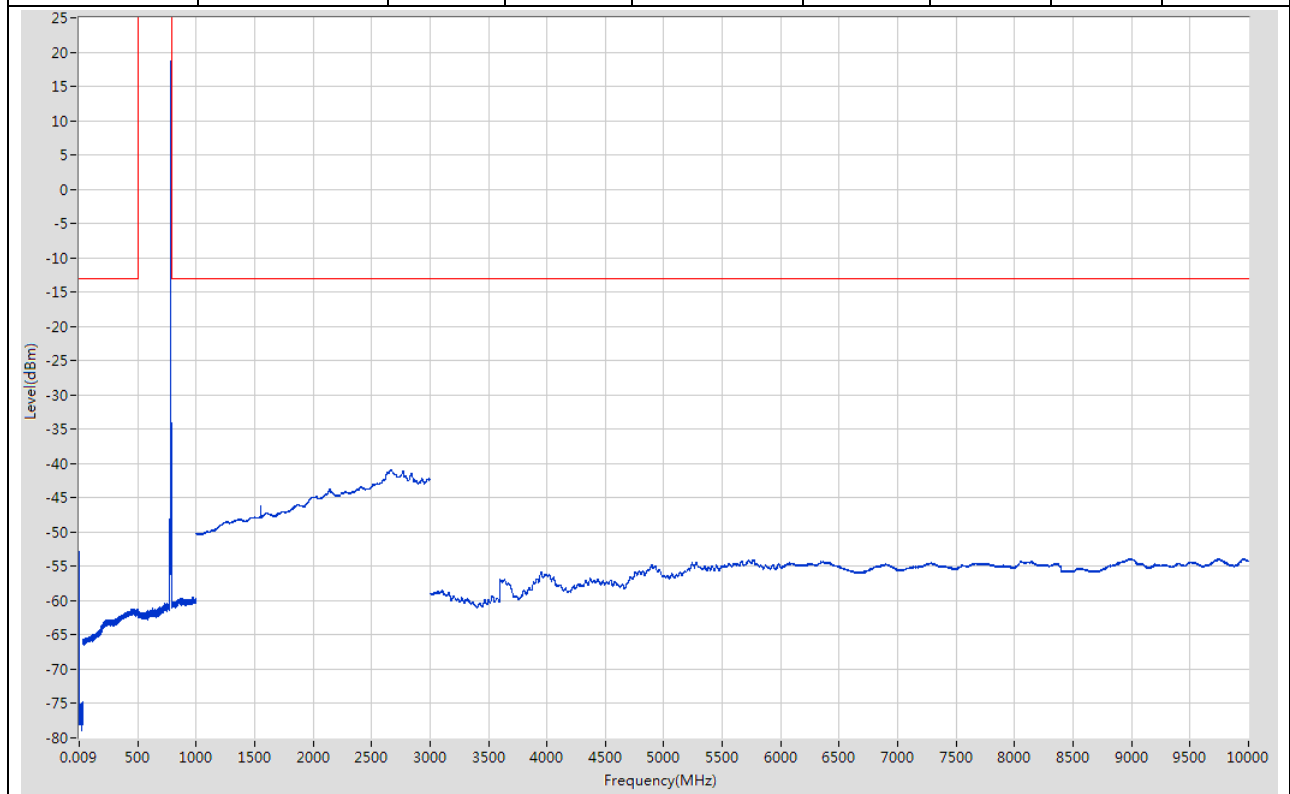
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-53.03	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.97	-13	Pass	2986
30	500	0.1	RMS	461.4	-61.21	-13	Pass	4701
500	795	0.1	RMS	781.7	19.41	60	Pass	2951
795	1000	0.1	RMS	995.6	-59.61	-13	Pass	2051
1000	3000	1	RMS	2665	-40.82	-13	Pass	2001
3000	10000	1	RMS	8996	-53.81	-13	Pass	7001



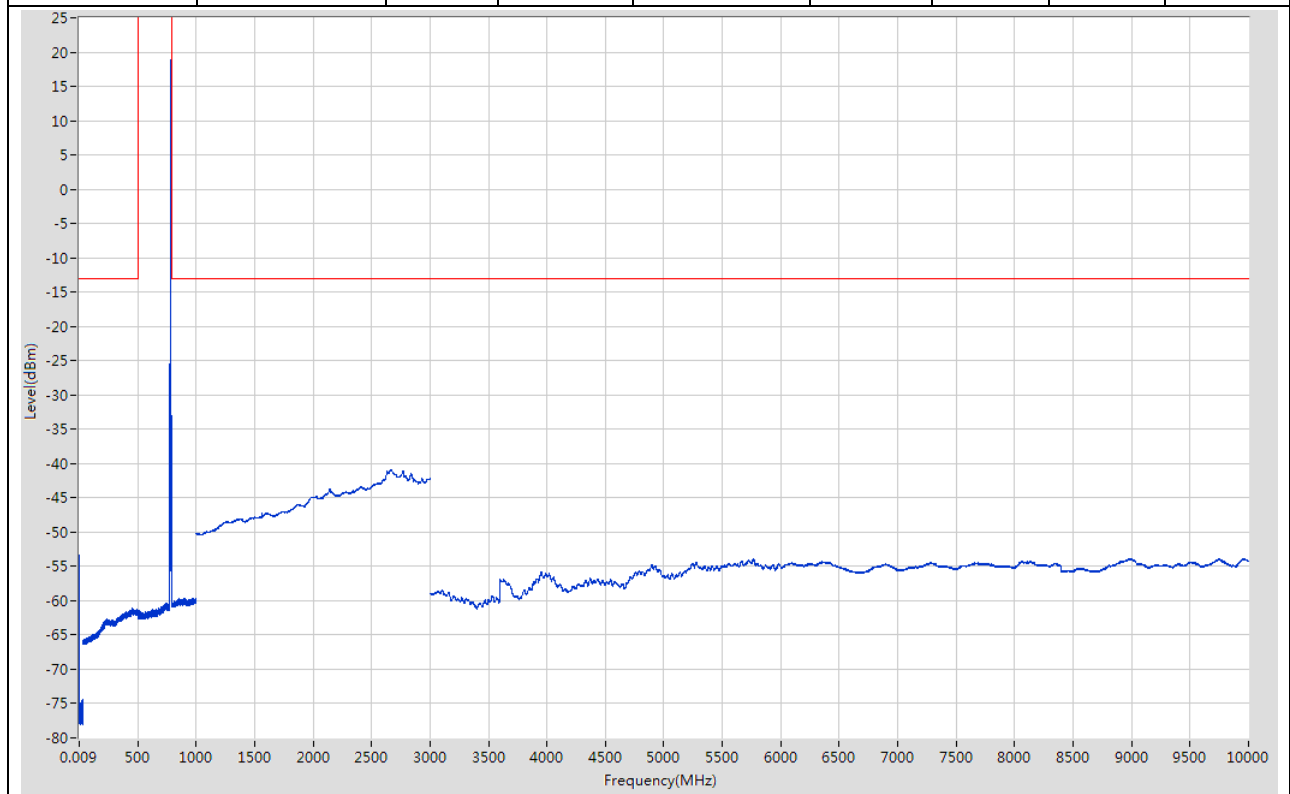
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.009	-52.9	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.7	-13	Pass	2986
30	500	0.1	RMS	468	-61.23	-13	Pass	4701
500	795	0.1	RMS	777.3	18.7	60	Pass	2951
795	1000	0.1	RMS	975.6	-59.52	-13	Pass	2051
1000	3000	1	RMS	2663	-40.83	-13	Pass	2001
3000	10000	1	RMS	8998	-53.85	-13	Pass	7001



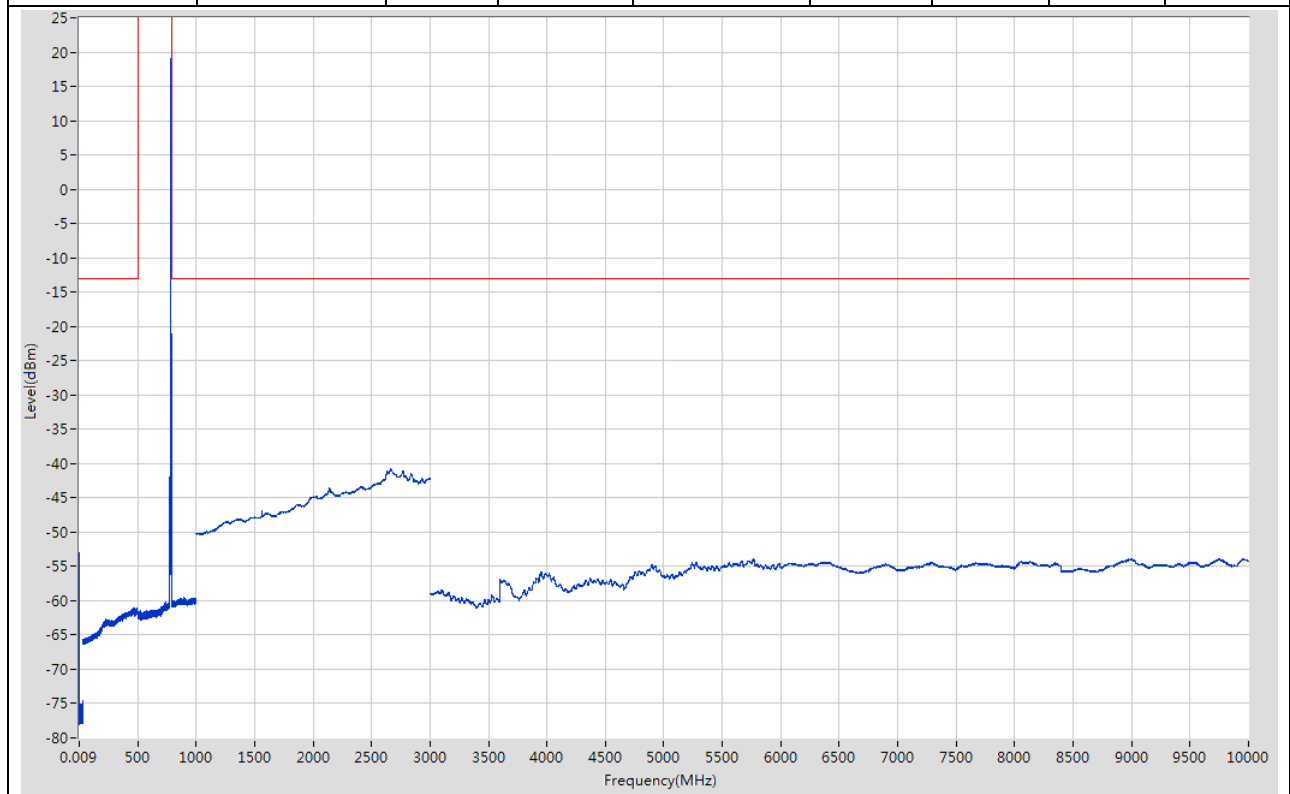
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-53.28	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.93	-13	Pass	2986
30	500	0.1	RMS	449.8	-61.13	-13	Pass	4701
500	795	0.1	RMS	781.7	18.82	60	Pass	2951
795	1000	0.1	RMS	895.7	-59.59	-13	Pass	2051
1000	3000	1	RMS	2661	-40.84	-13	Pass	2001
3000	10000	1	RMS	9951	-53.84	-13	Pass	7001



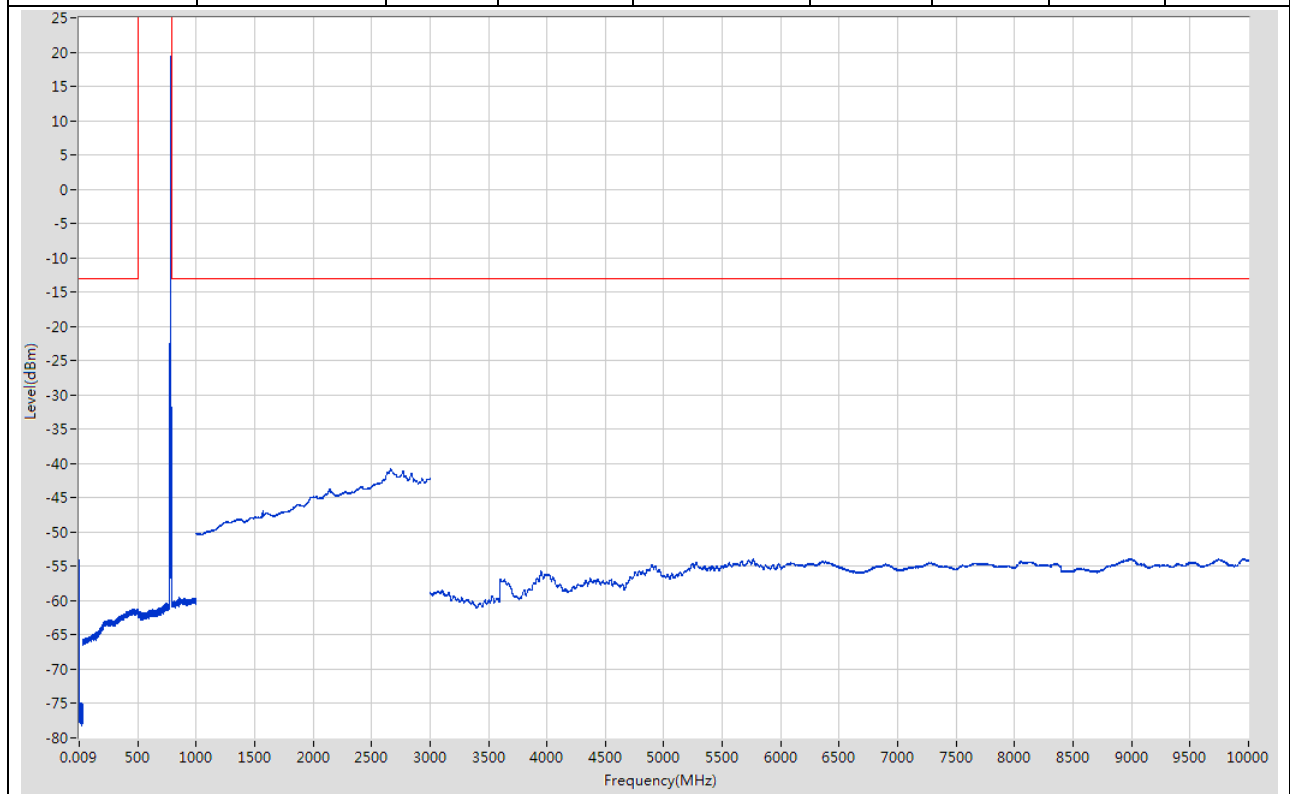
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.95	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.95	-13	Pass	2986
30	500	0.1	RMS	493	-60.99	-13	Pass	4701
500	795	0.1	RMS	779.8	18.99	60	Pass	2951
795	1000	0.1	RMS	898.3	-59.52	-13	Pass	2051
1000	3000	1	RMS	2660	-40.8	-13	Pass	2001
3000	10000	1	RMS	9740	-53.86	-13	Pass	7001



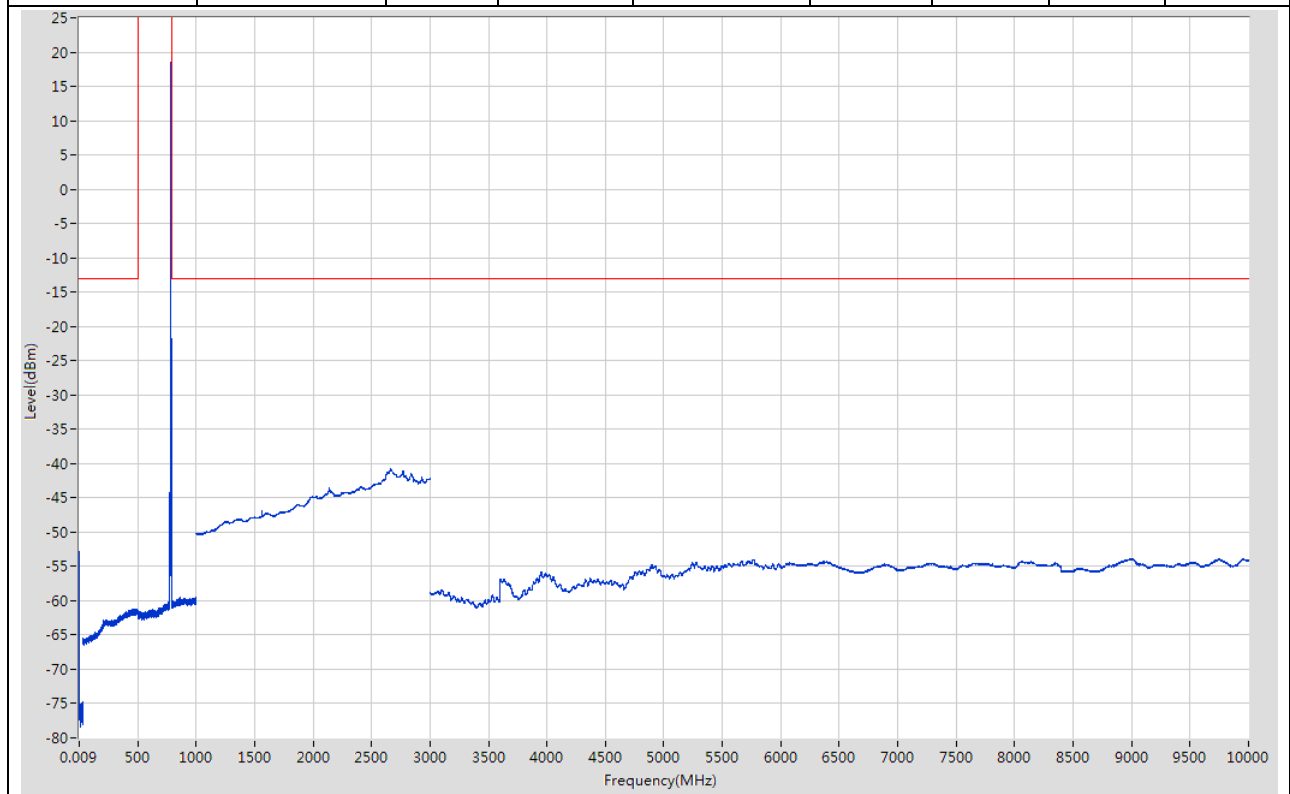
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-53.97	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.97	-13	Pass	2986
30	500	0.1	RMS	459.5	-61.21	-13	Pass	4701
500	795	0.1	RMS	784.2	19.42	60	Pass	2951
795	1000	0.1	RMS	857.7	-59.57	-13	Pass	2051
1000	3000	1	RMS	2661	-40.8	-13	Pass	2001
3000	10000	1	RMS	9950	-53.83	-13	Pass	7001



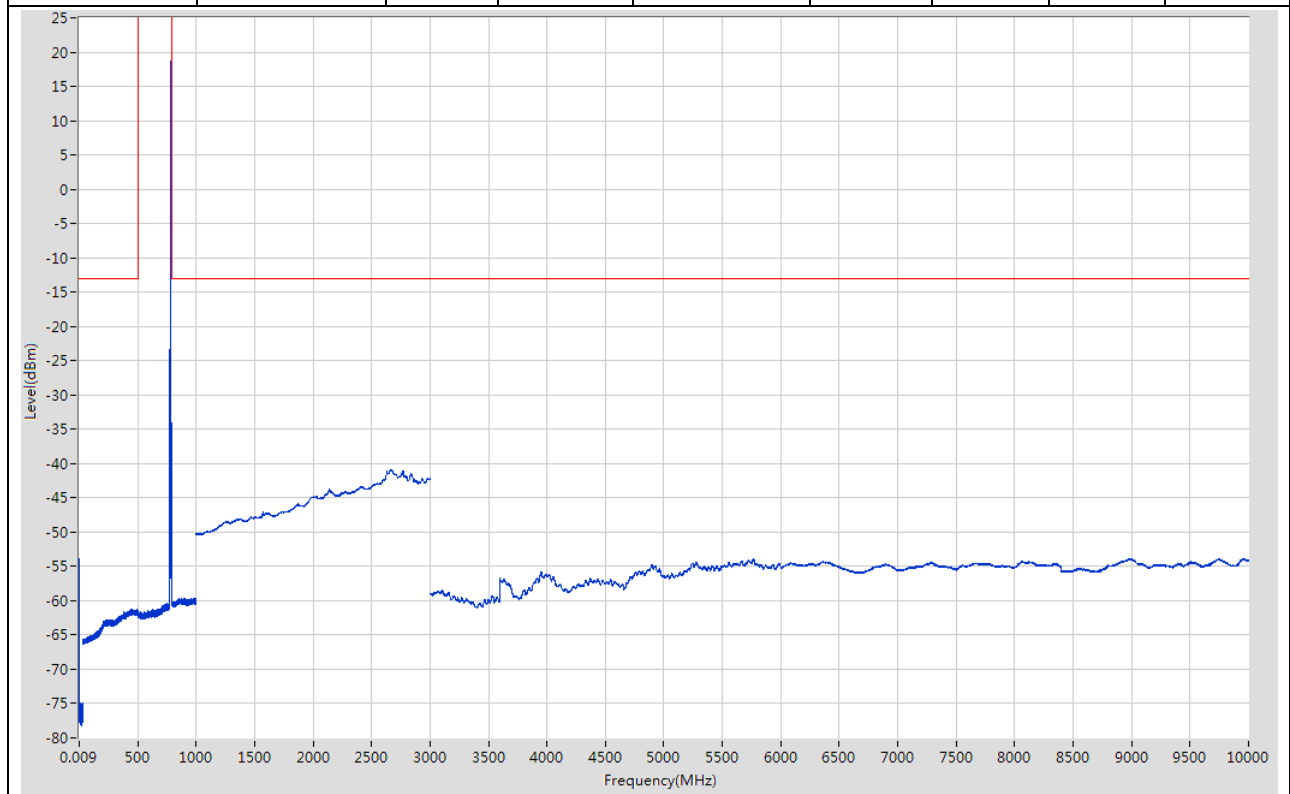
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.78	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.91	-13	Pass	2986
30	500	0.1	RMS	460.7	-61.19	-13	Pass	4701
500	795	0.1	RMS	779.8	18.51	60	Pass	2951
795	1000	0.1	RMS	999	-59.4	-13	Pass	2051
1000	3000	1	RMS	2666	-40.8	-13	Pass	2001
3000	10000	1	RMS	8999	-53.8	-13	Pass	7001



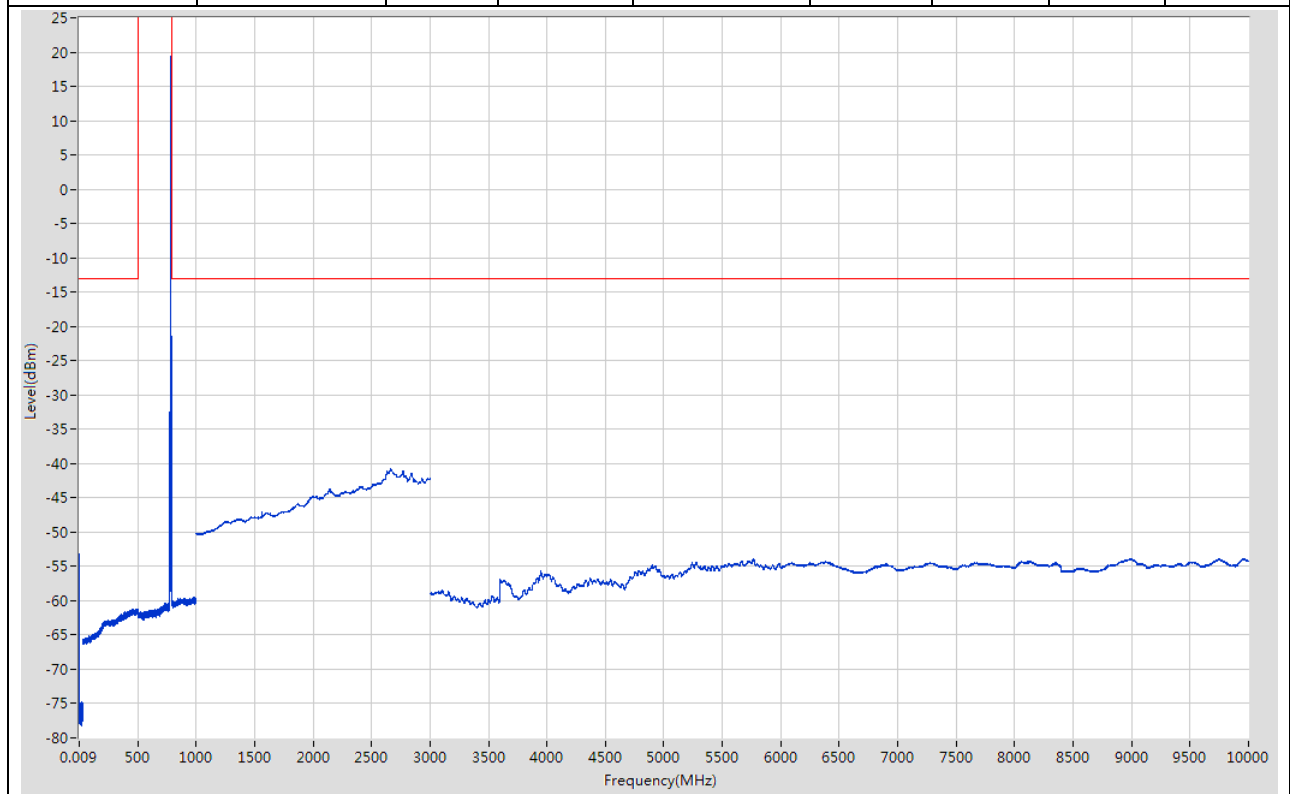
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	0.01	-53.95	-13	Pass	401
0.15	30	0.01	RMS	0.15	-56.1	-13	Pass	2986
30	500	0.1	RMS	455	-61.18	-13	Pass	4701
500	795	0.1	RMS	784.2	18.69	60	Pass	2951
795	1000	0.1	RMS	978.9	-59.61	-13	Pass	2051
1000	3000	1	RMS	2665	-40.84	-13	Pass	2001
3000	10000	1	RMS	9001	-53.81	-13	Pass	7001



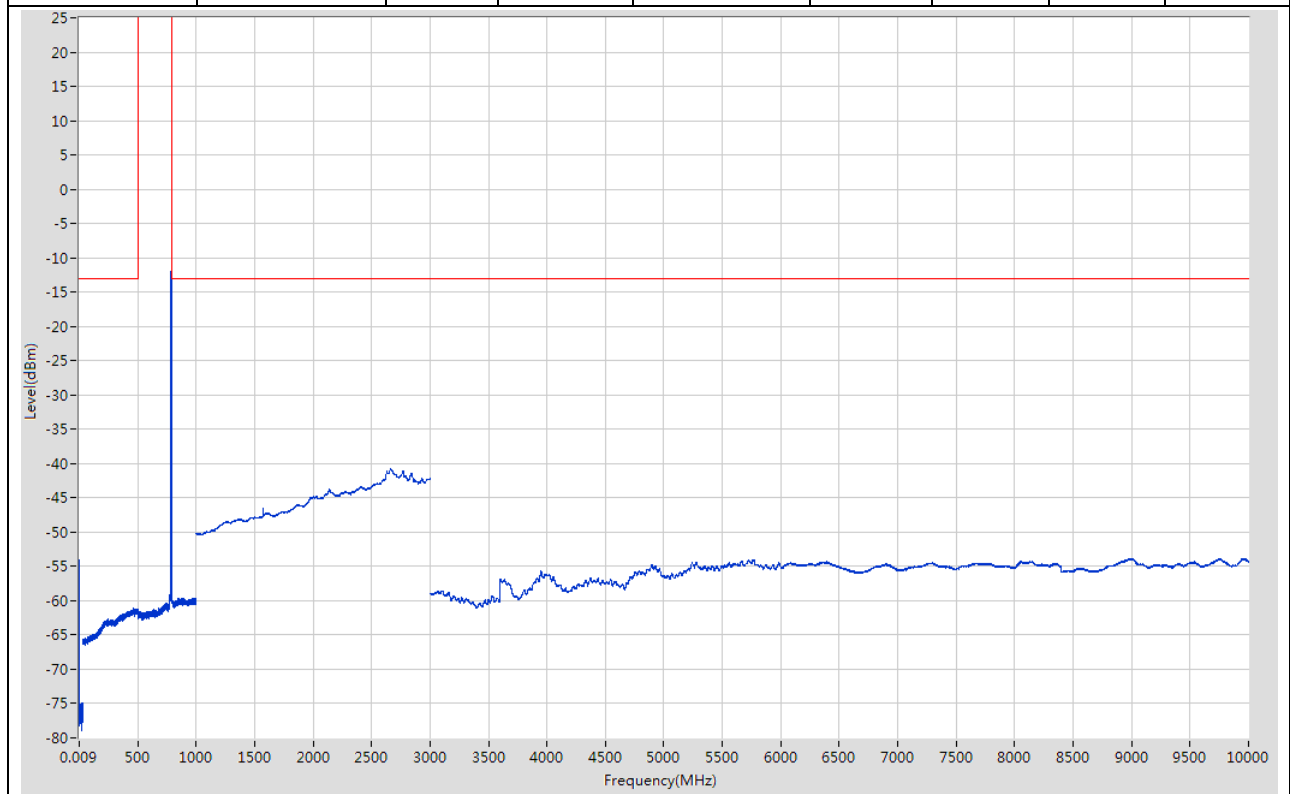
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.01	-53.1	-13	Pass	401
0.15	30	0.01	RMS	0.15	-56.62	-13	Pass	2986
30	500	0.1	RMS	500	-61.24	-13	Pass	4701
500	795	0.1	RMS	782.3	19.38	60	Pass	2951
795	1000	0.1	RMS	981.5	-59.51	-13	Pass	2051
1000	3000	1	RMS	2665	-40.79	-13	Pass	2001
3000	10000	1	RMS	9951	-53.81	-13	Pass	7001



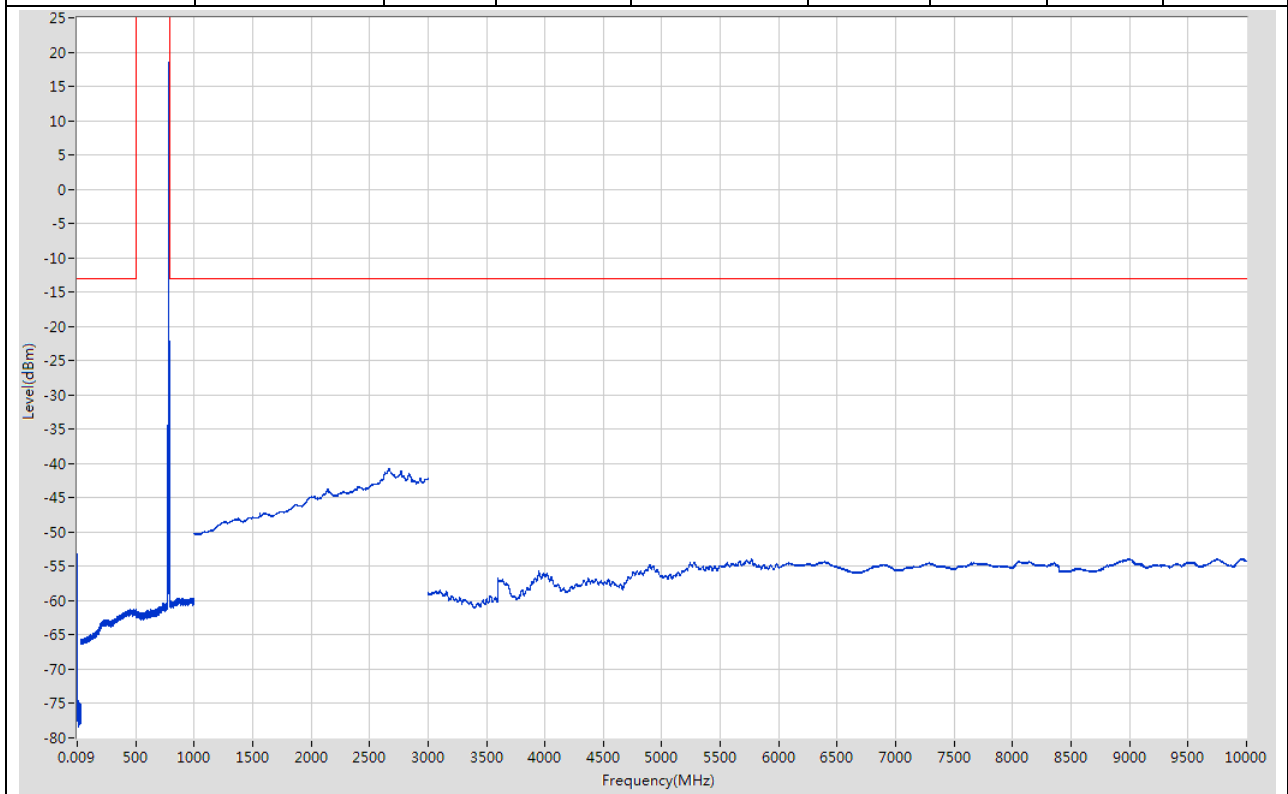
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-53.98	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.84	-13	Pass	2986
30	500	0.1	RMS	459.6	-61.04	-13	Pass	4701
500	795	0.1	RMS	786.7	18.76	60	Pass	2951
795	1000	0.1	RMS	795.3	-34.85	-13	Pass	2051
1000	3000	1	RMS	2663	-40.82	-13	Pass	2001
3000	10000	1	RMS	8997	-53.82	-13	Pass	7001



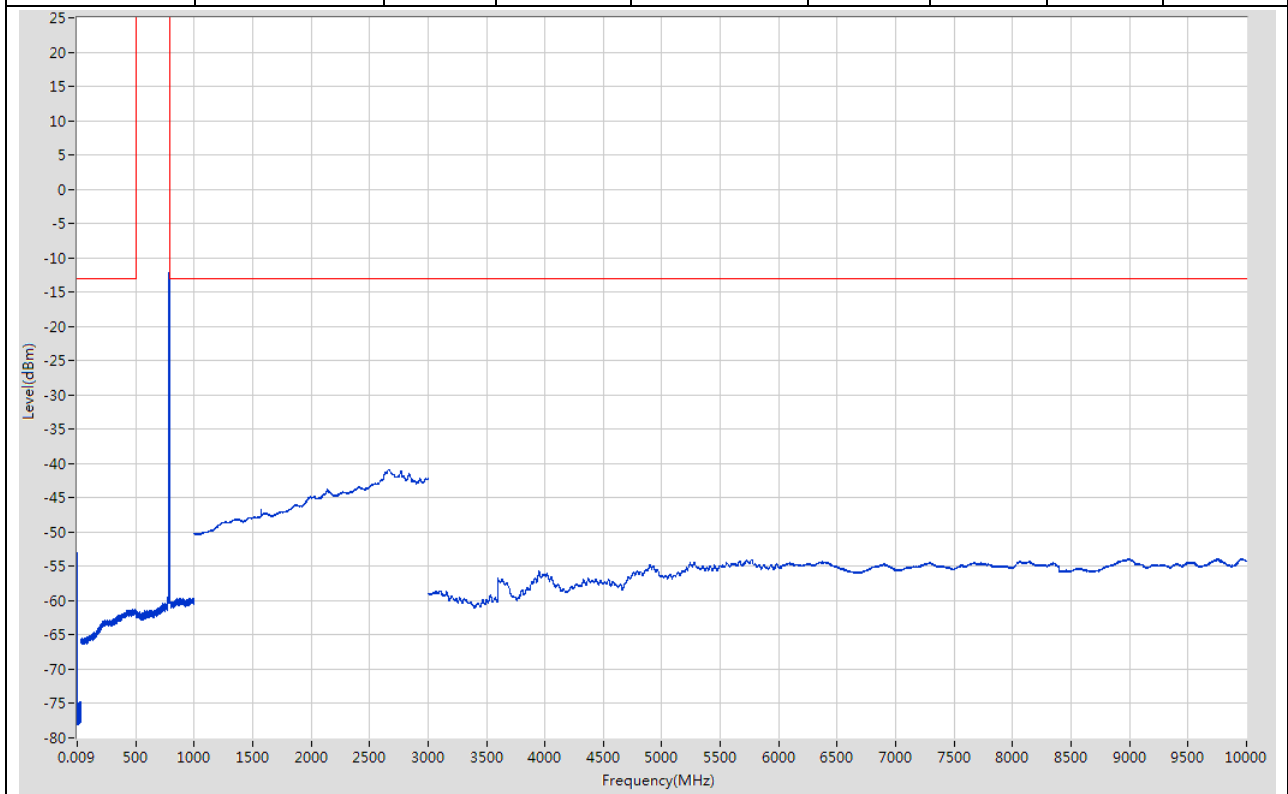
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-53.15	-13	Pass	401
0.15	30	0.01	RMS	0.16	-56.18	-13	Pass	2986
30	500	0.1	RMS	455.3	-61.18	-13	Pass	4701
500	795	0.1	RMS	782.3	18.59	60	Pass	2951
795	1000	0.1	RMS	983.5	-59.62	-13	Pass	2051
1000	3000	1	RMS	2670	-40.8	-13	Pass	2001
3000	10000	1	RMS	8999	-53.83	-13	Pass	7001



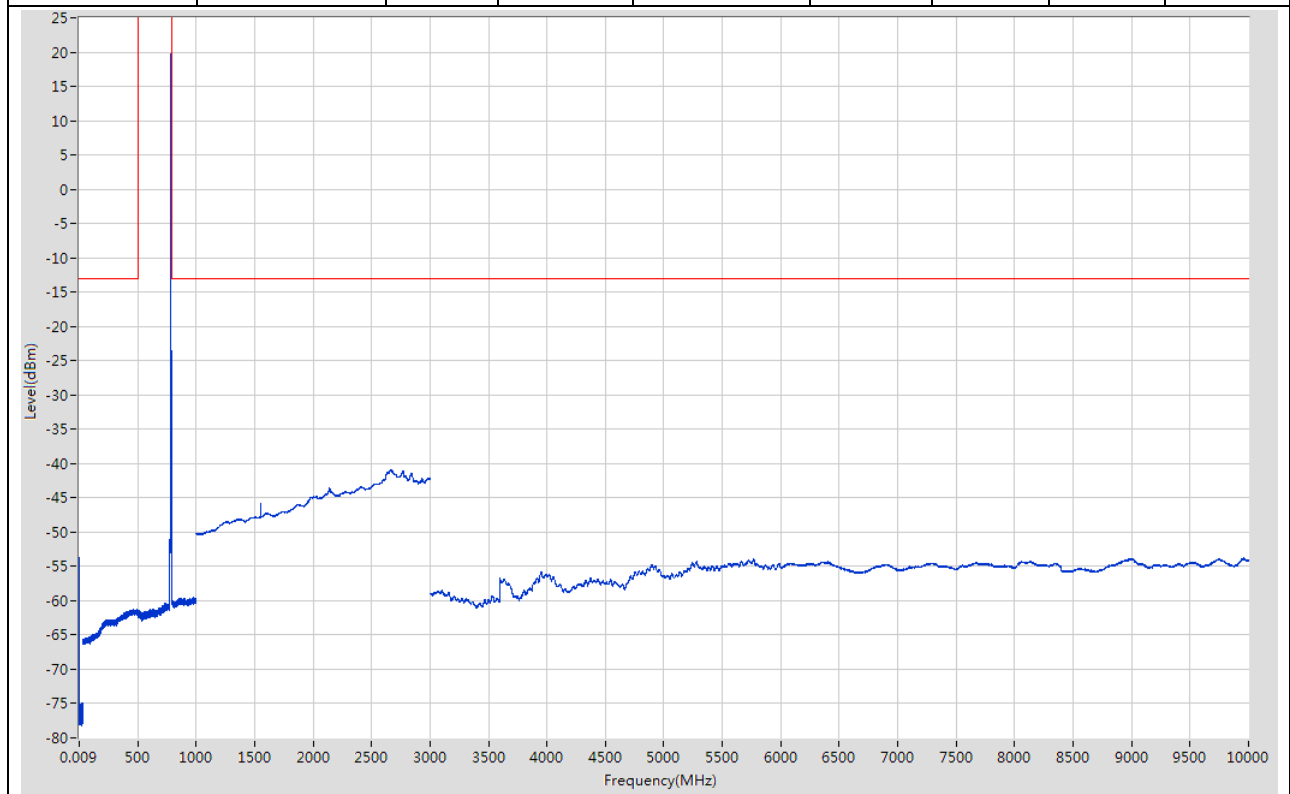
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	0.01	-53.04	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.24	-13	Pass	2986
30	500	0.1	RMS	489.3	-61.29	-13	Pass	4701
500	795	0.1	RMS	786.7	18.13	60	Pass	2951
795	1000	0.1	RMS	795.3	-36.23	-13	Pass	2051
1000	3000	1	RMS	2663	-40.83	-13	Pass	2001
3000	10000	1	RMS	9950	-53.86	-13	Pass	7001



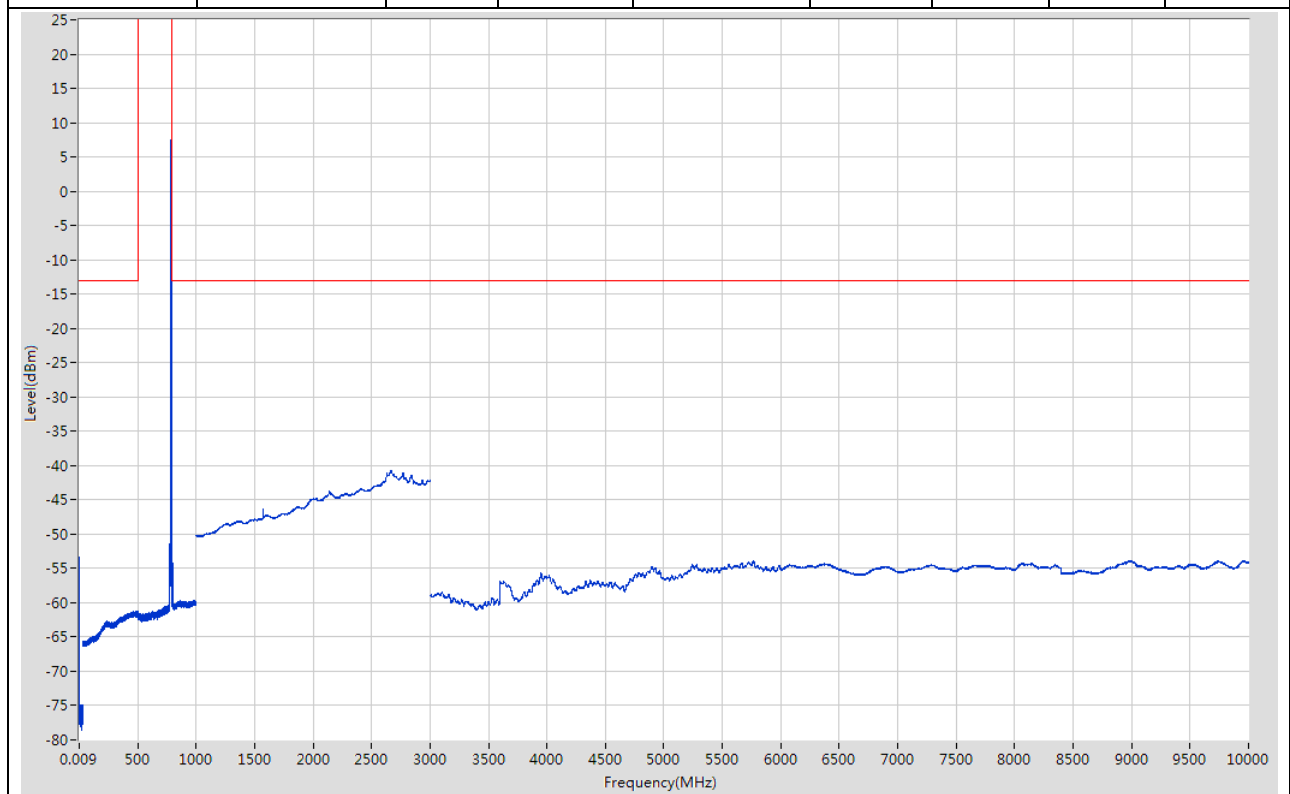
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-53.68	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.25	-13	Pass	2986
30	500	0.1	RMS	491.2	-61.22	-13	Pass	4701
500	795	0.1	RMS	777.6	19.79	60	Pass	2951
795	1000	0.1	RMS	795.2	-23.62	-13	Pass	2051
1000	3000	1	RMS	2663	-40.83	-13	Pass	2001
3000	10000	1	RMS	9954	-53.79	-13	Pass	7001



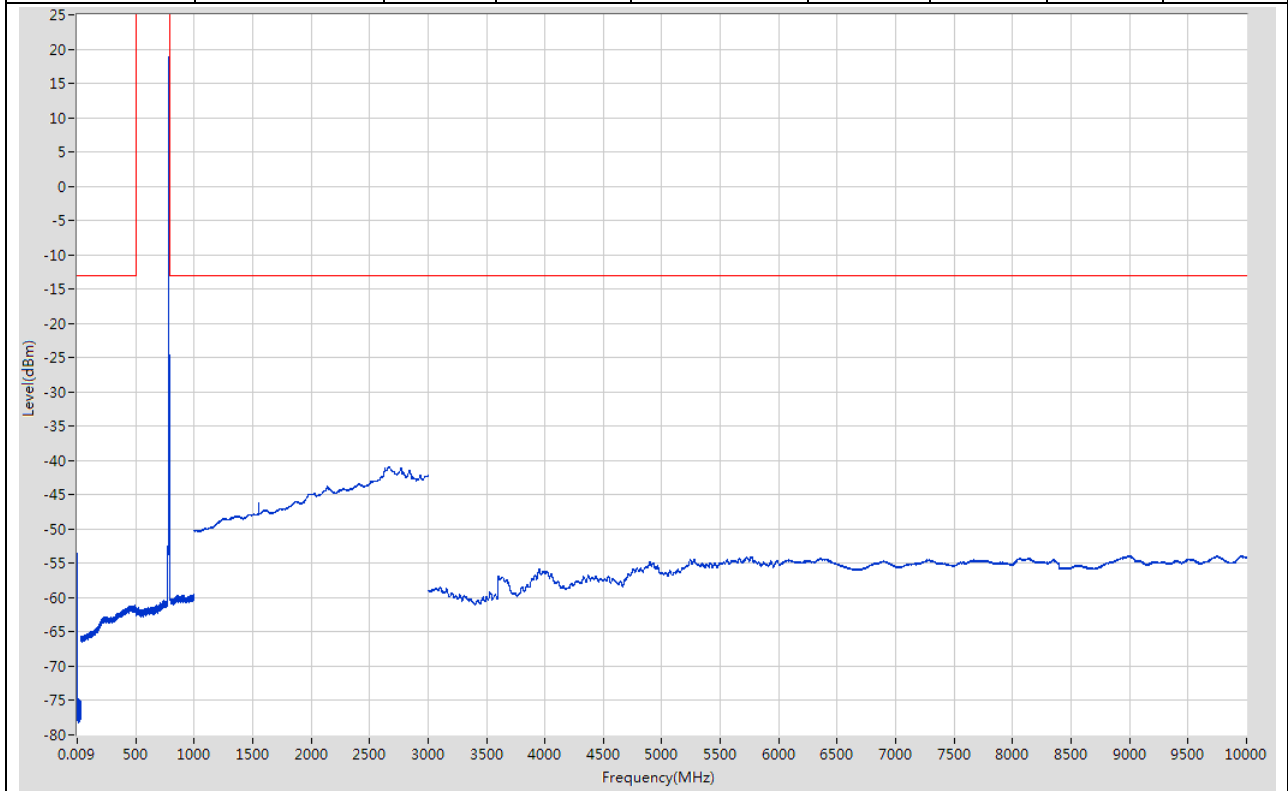
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-53.31	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.04	-13	Pass	2986
30	500	0.1	RMS	497.1	-61.22	-13	Pass	4701
500	795	0.1	RMS	786.4	18.92	60	Pass	2951
795	1000	0.1	RMS	804	-54.26	-13	Pass	2051
1000	3000	1	RMS	2668	-40.81	-13	Pass	2001
3000	10000	1	RMS	8995	-53.86	-13	Pass	7001



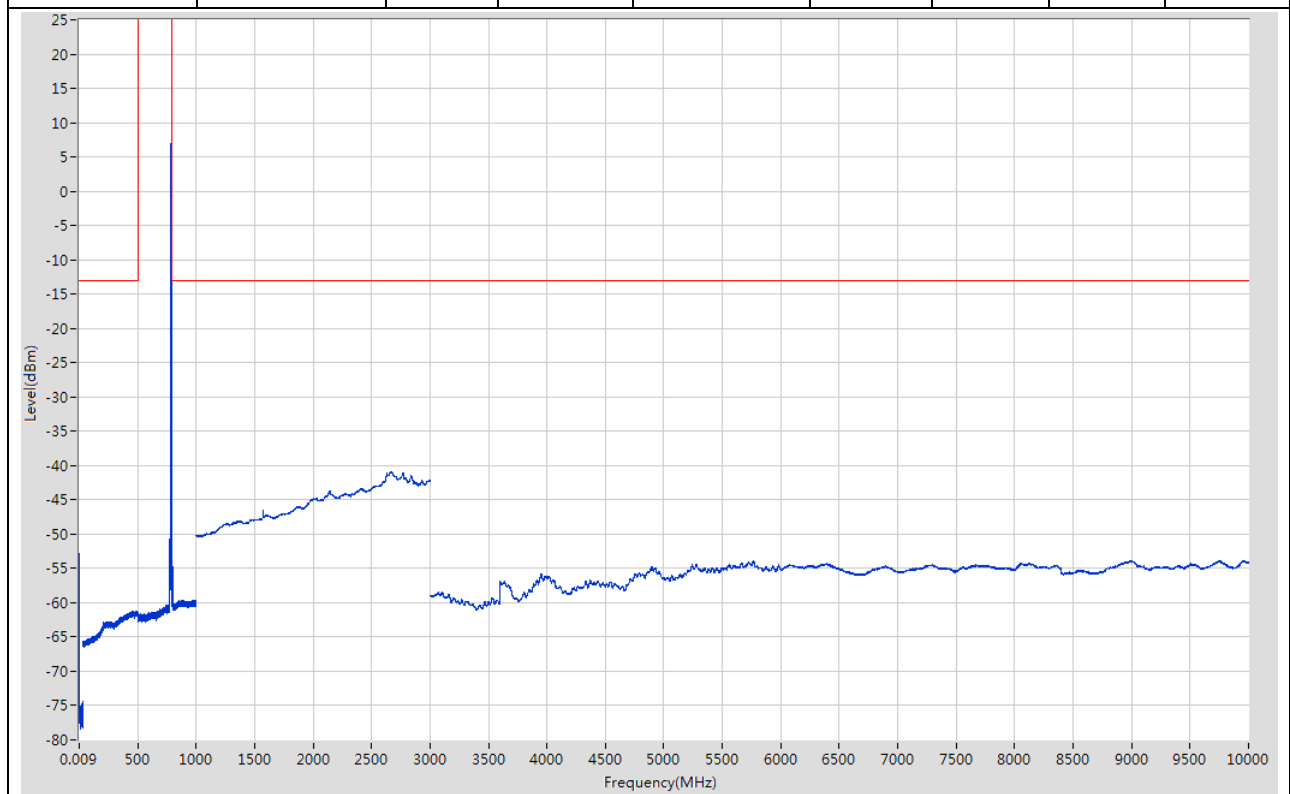
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.011	-53.5	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.31	-13	Pass	2986
30	500	0.1	RMS	493.2	-61.09	-13	Pass	4701
500	795	0.1	RMS	777.6	18.82	60	Pass	2951
795	1000	0.1	RMS	795.2	-24.64	-13	Pass	2051
1000	3000	1	RMS	2662	-40.83	-13	Pass	2001
3000	10000	1	RMS	9748	-53.83	-13	Pass	7001



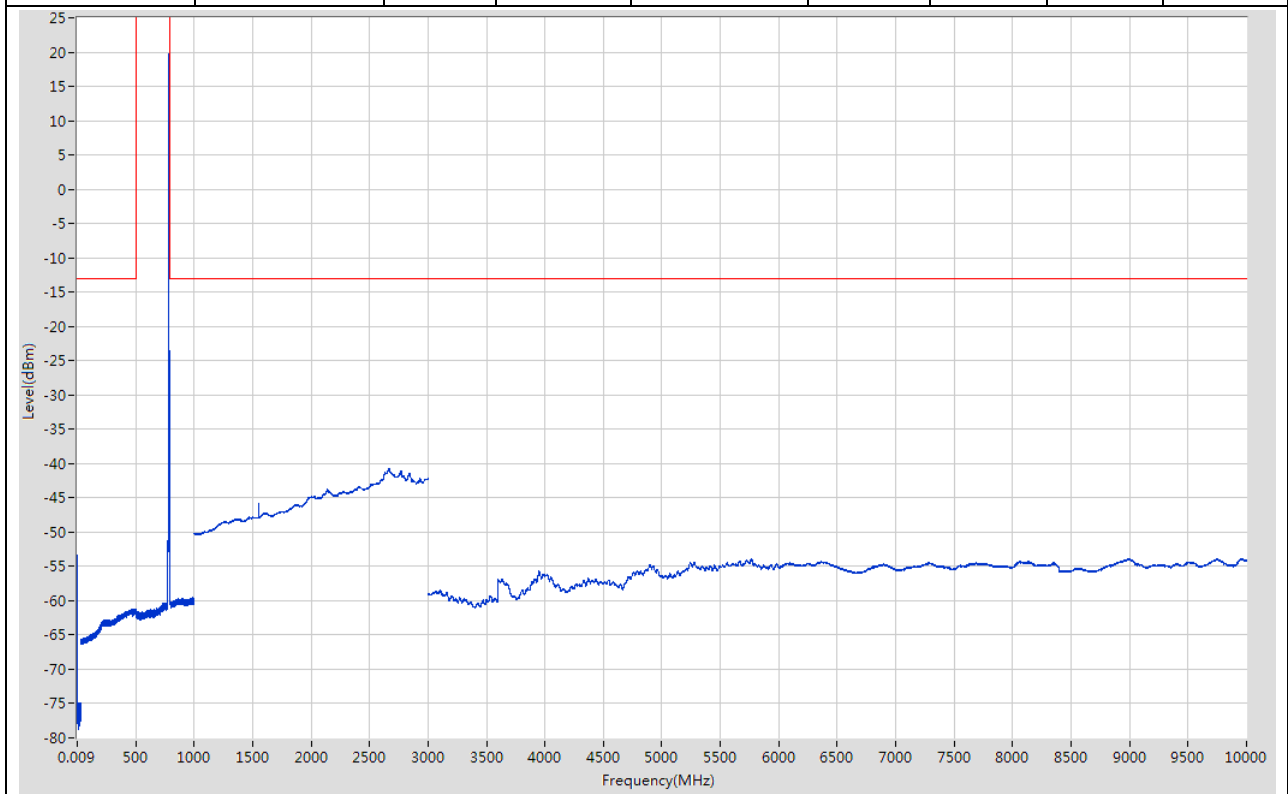
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	0.01	-52.9	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.17	-13	Pass	2986
30	500	0.1	RMS	484.8	-61.22	-13	Pass	4701
500	795	0.1	RMS	786.4	18.03	60	Pass	2951
795	1000	0.1	RMS	803.9	-54.84	-13	Pass	2051
1000	3000	1	RMS	2670	-40.85	-13	Pass	2001
3000	10000	1	RMS	9951	-53.82	-13	Pass	7001



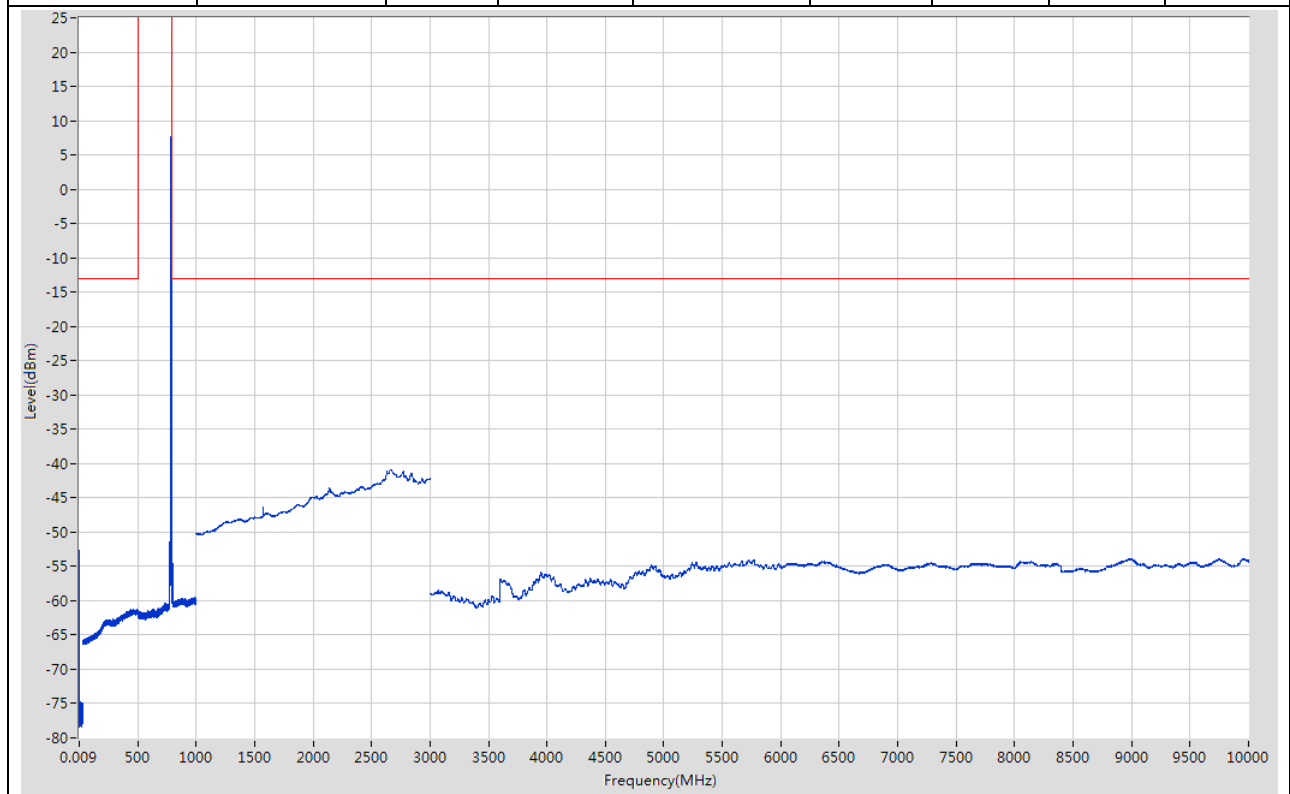
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-53.44	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.06	-13	Pass	2986
30	500	0.1	RMS	498.5	-61.25	-13	Pass	4701
500	795	0.1	RMS	777.6	19.71	60	Pass	2951
795	1000	0.1	RMS	795.2	-23.58	-13	Pass	2051
1000	3000	1	RMS	2662	-40.8	-13	Pass	2001
3000	10000	1	RMS	9951	-53.82	-13	Pass	7001



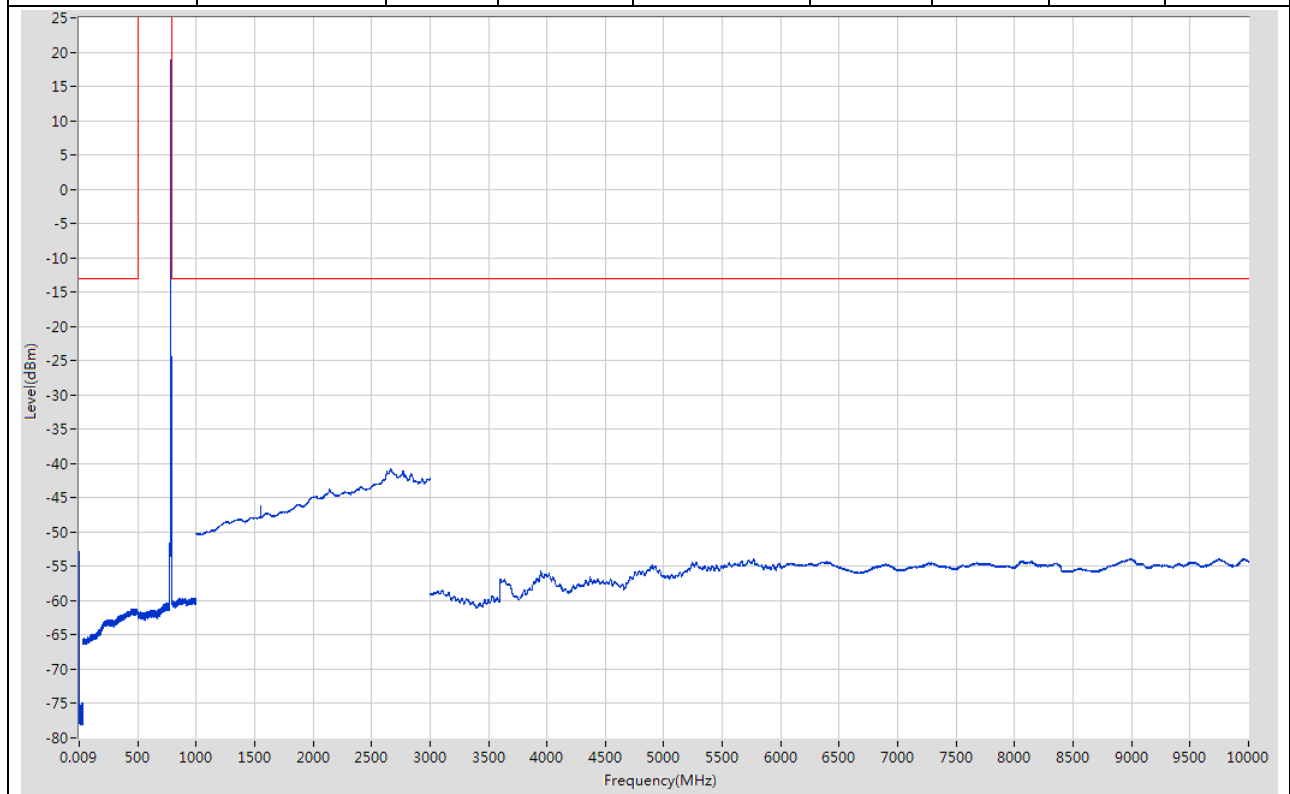
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	0.01	-52.59	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.14	-13	Pass	2986
30	500	0.1	RMS	464.2	-61.19	-13	Pass	4701
500	795	0.1	RMS	786.4	19.07	60	Pass	2951
795	1000	0.1	RMS	804	-54.58	-13	Pass	2051
1000	3000	1	RMS	2669	-40.84	-13	Pass	2001
3000	10000	1	RMS	9949	-53.82	-13	Pass	7001



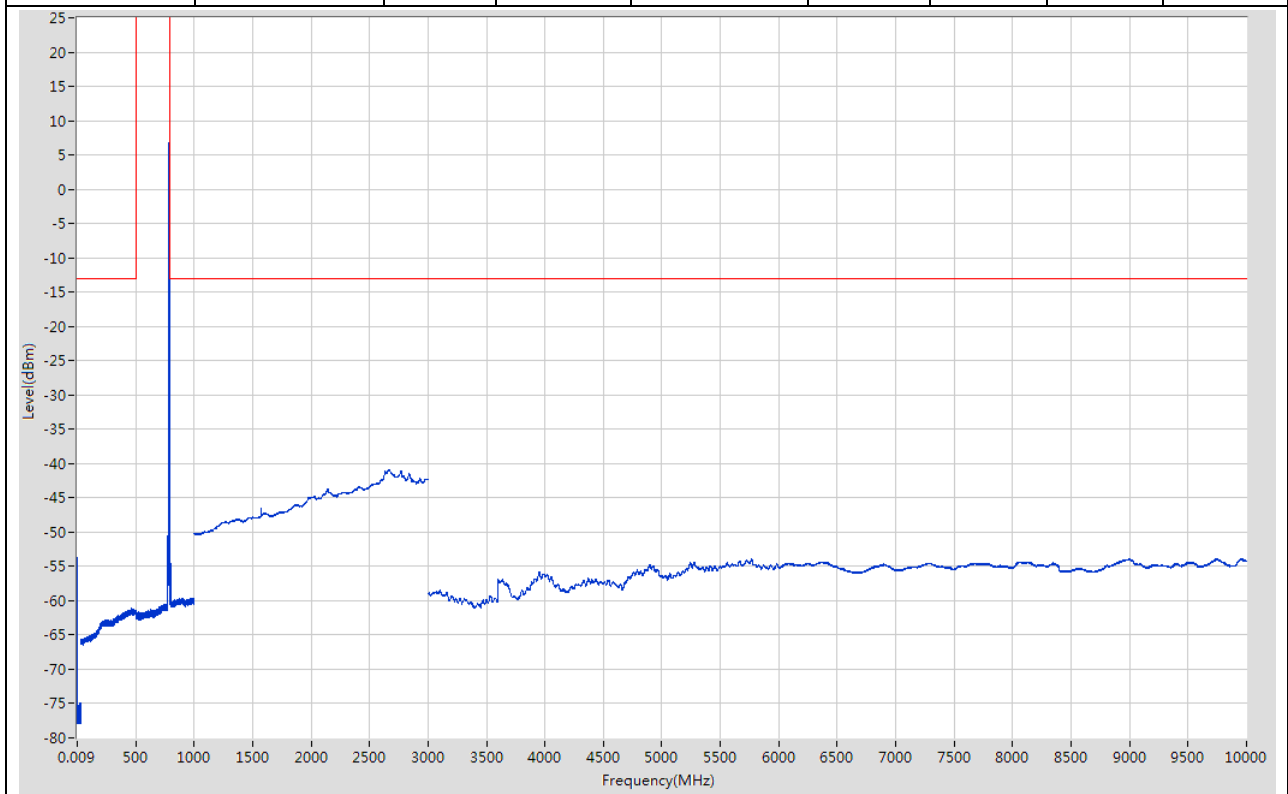
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.87	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.8	-13	Pass	2986
30	500	0.1	RMS	470.6	-61.22	-13	Pass	4701
500	795	0.1	RMS	777.6	18.89	60	Pass	2951
795	1000	0.1	RMS	795.2	-24.4	-13	Pass	2051
1000	3000	1	RMS	2662	-40.8	-13	Pass	2001
3000	10000	1	RMS	8994	-53.86	-13	Pass	7001



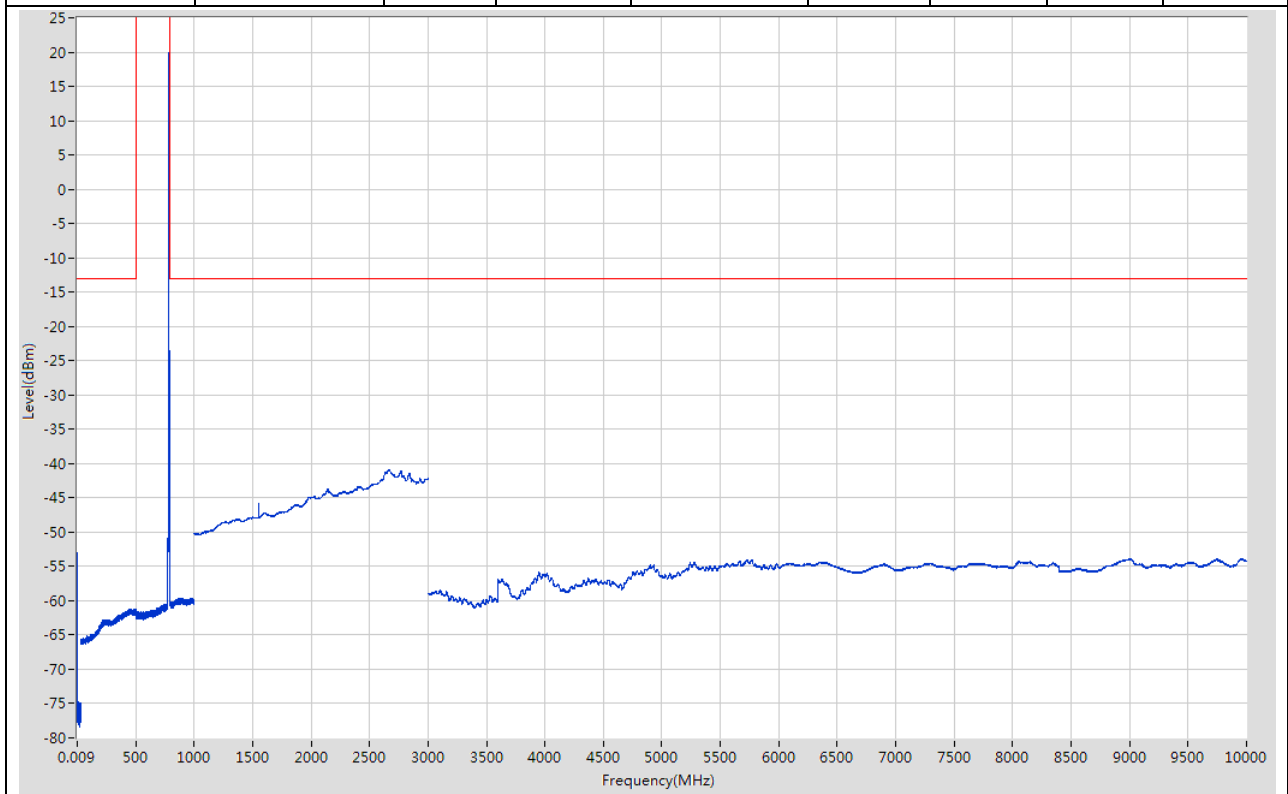
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-53.64	-13	Pass	401
0.15	30	0.01	RMS	0.16	-56.71	-13	Pass	2986
30	500	0.1	RMS	459.3	-61.09	-13	Pass	4701
500	795	0.1	RMS	786.4	18.45	60	Pass	2951
795	1000	0.1	RMS	804	-54.61	-13	Pass	2051
1000	3000	1	RMS	2664	-40.84	-13	Pass	2001
3000	10000	1	RMS	9752	-53.86	-13	Pass	7001



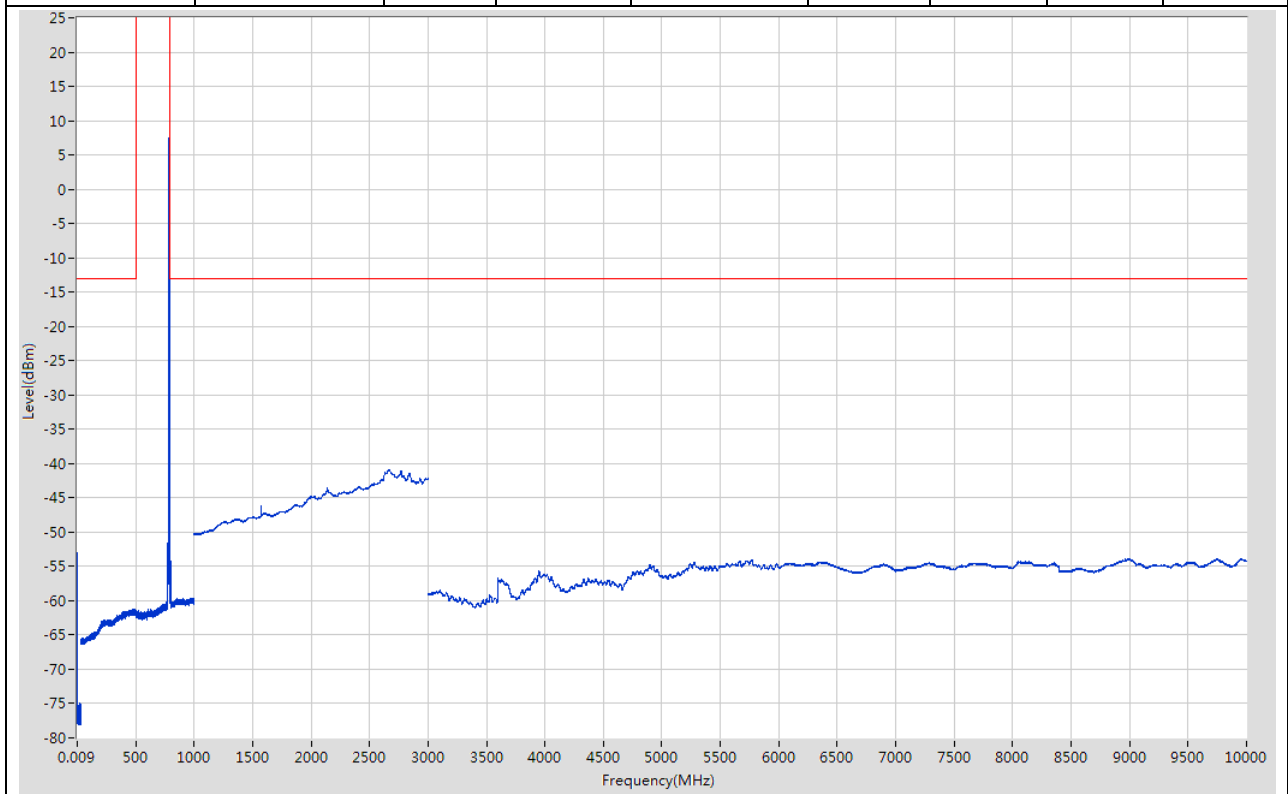
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-53	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.75	-13	Pass	2986
30	500	0.1	RMS	459	-61.17	-13	Pass	4701
500	795	0.1	RMS	777.6	19.97	60	Pass	2951
795	1000	0.1	RMS	795.2	-23.63	-13	Pass	2051
1000	3000	1	RMS	2670	-40.82	-13	Pass	2001
3000	10000	1	RMS	8994	-53.82	-13	Pass	7001



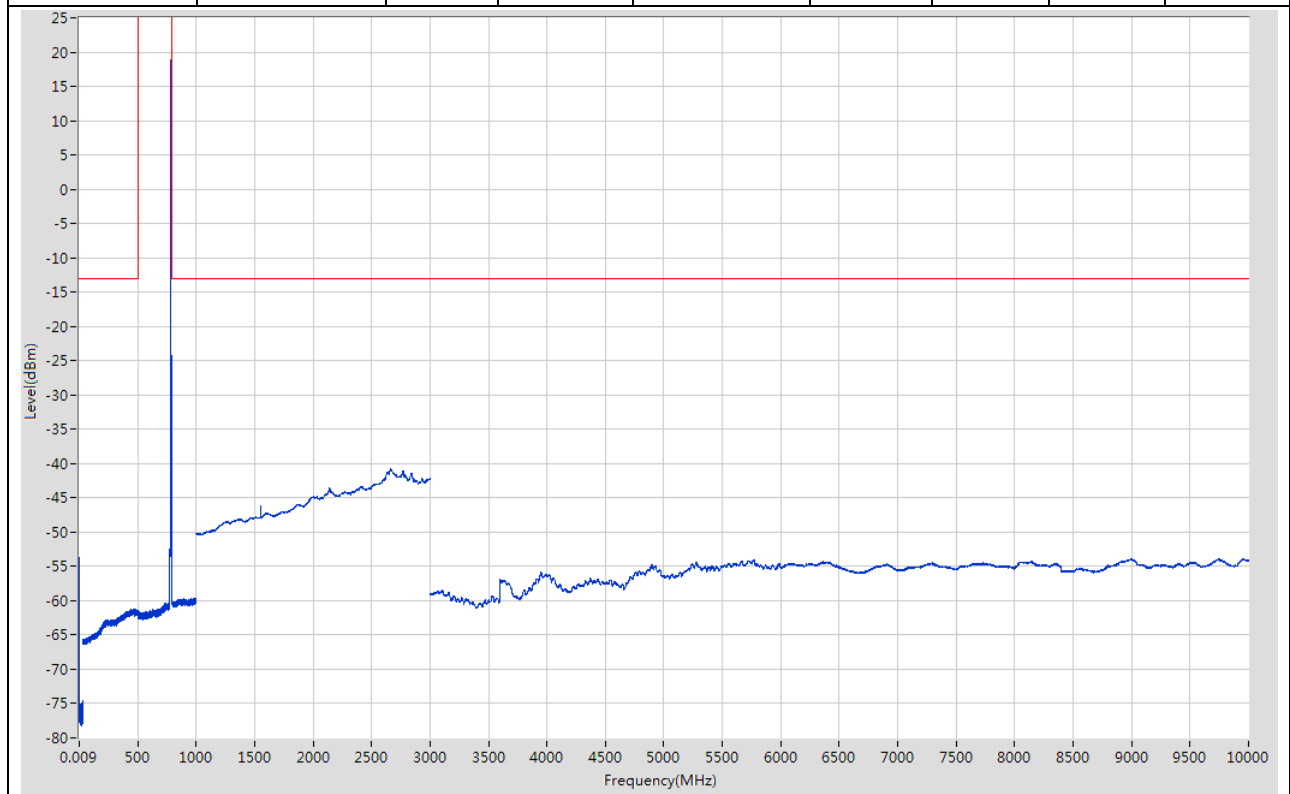
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-53.08	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.27	-13	Pass	2986
30	500	0.1	RMS	477.2	-61.28	-13	Pass	4701
500	795	0.1	RMS	786.4	18.97	60	Pass	2951
795	1000	0.1	RMS	804	-54.26	-13	Pass	2051
1000	3000	1	RMS	2666	-40.83	-13	Pass	2001
3000	10000	1	RMS	8999	-53.81	-13	Pass	7001



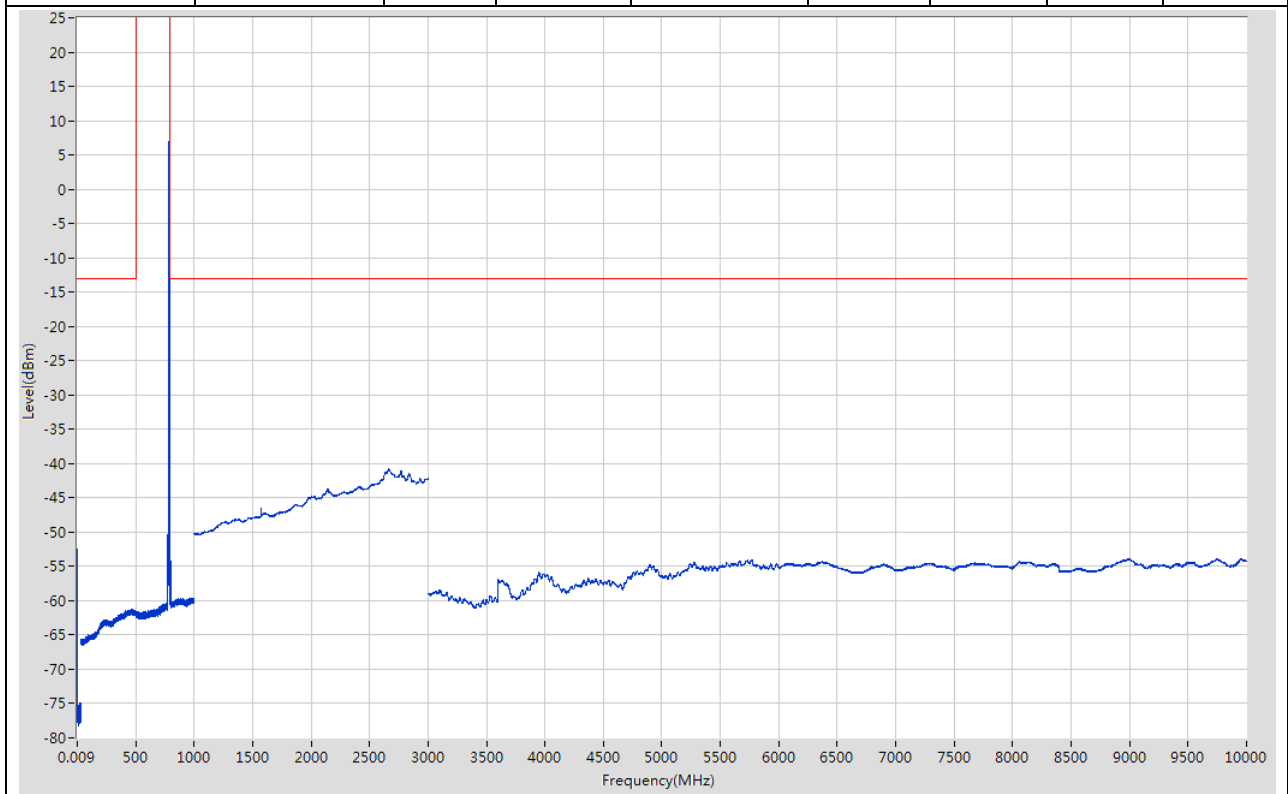
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.01	-53.76	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.66	-13	Pass	2986
30	500	0.1	RMS	458.2	-61.22	-13	Pass	4701
500	795	0.1	RMS	777.6	18.81	60	Pass	2951
795	1000	0.1	RMS	795.2	-24.31	-13	Pass	2051
1000	3000	1	RMS	2666	-40.82	-13	Pass	2001
3000	10000	1	RMS	9946	-53.9	-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	-52.43	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.81	-13	Pass	2986
30	500	0.1	RMS	459.9	-61.24	-13	Pass	4701
500	795	0.1	RMS	786.4	18.61	60	Pass	2951
795	1000	0.1	RMS	804	-54.31	-13	Pass	2051
1000	3000	1	RMS	2664	-40.79	-13	Pass	2001
3000	10000	1	RMS	9953	-53.86	-13	Pass	7001



END