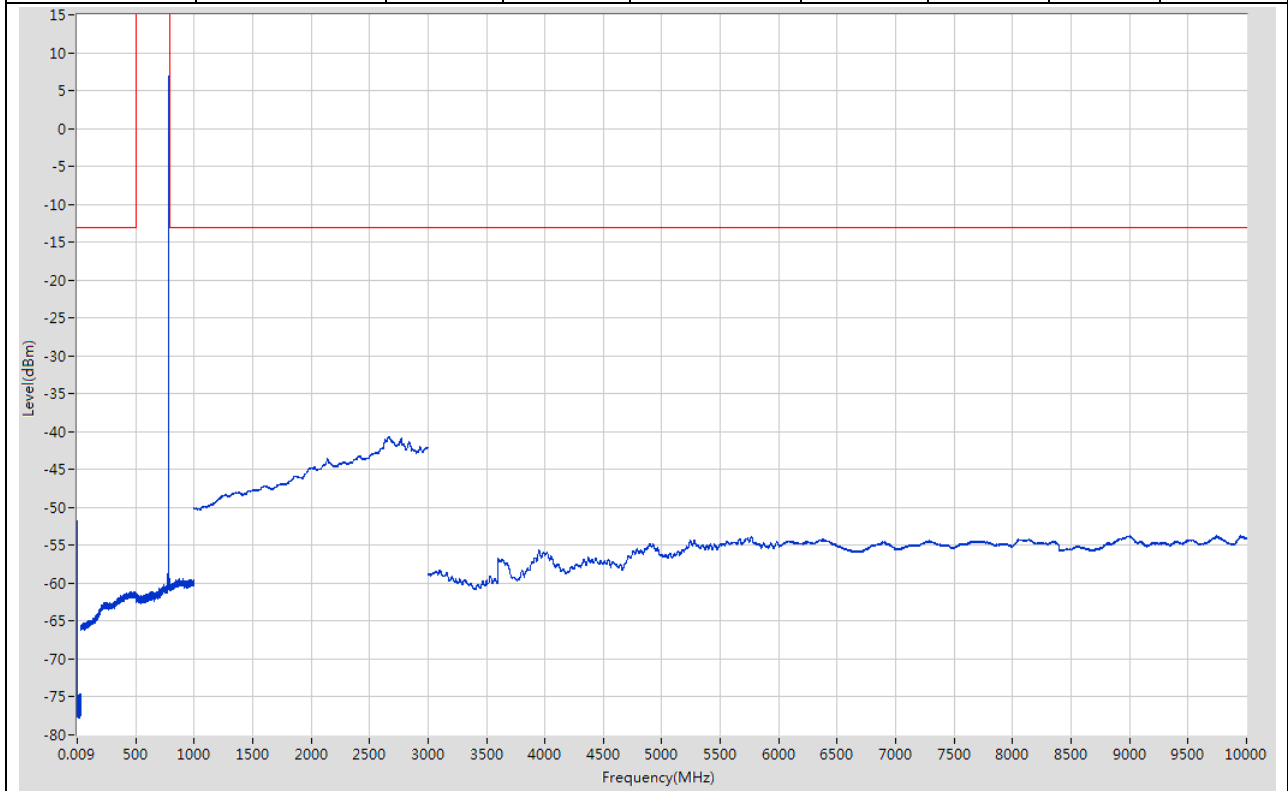


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

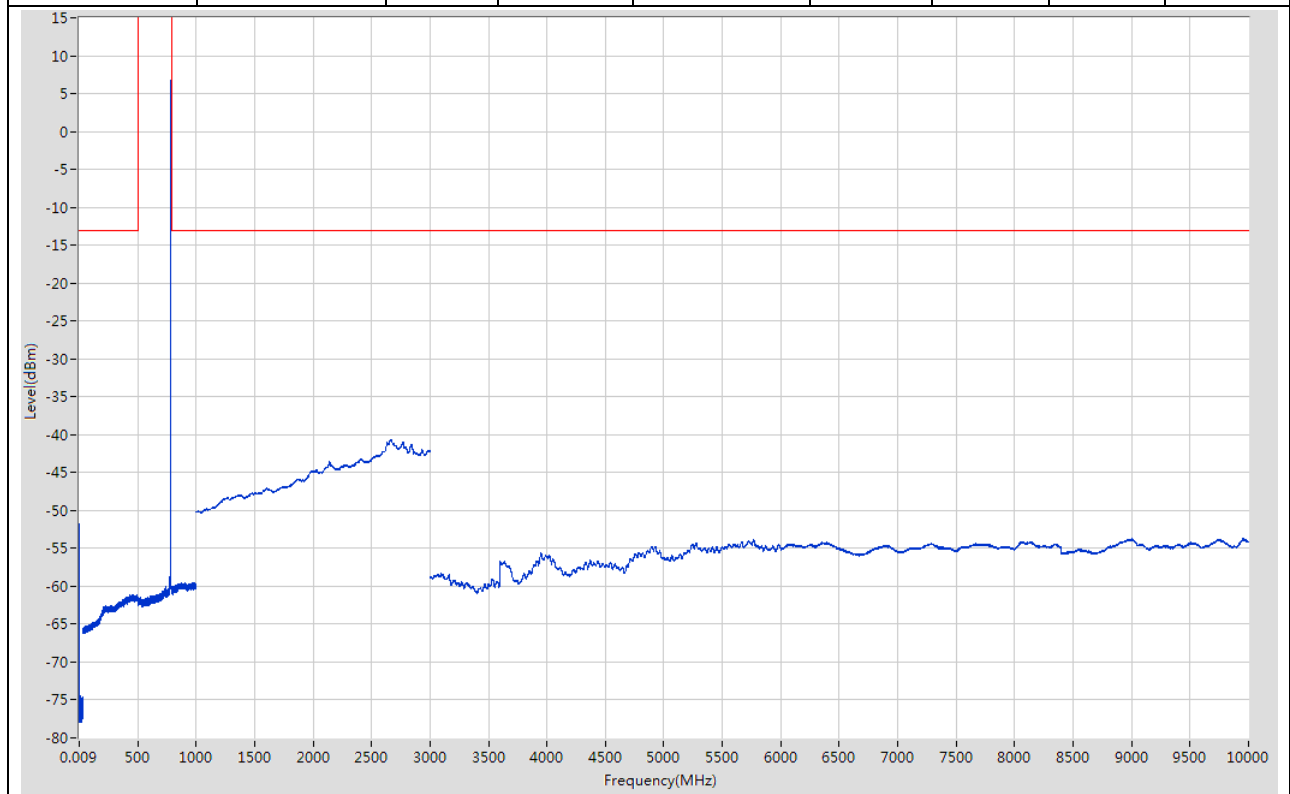
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.01	-51.74	-13	Pass	401
0.15	30	0.01	RMS	0.16	-55.18	-13	Pass	2986
30	500	0.1	RMS	494.7	-61.13	-13	Pass	4701
500	795	0.1	RMS	777.3	6.95	60	Pass	2951
795	1000	0.1	RMS	903.7	-59.41	-13	Pass	2051
1000	3000	1	RMS	2670	-40.67	-13	Pass	2001
3000	10000	1	RMS	9003	-53.72	-13	Pass	7001



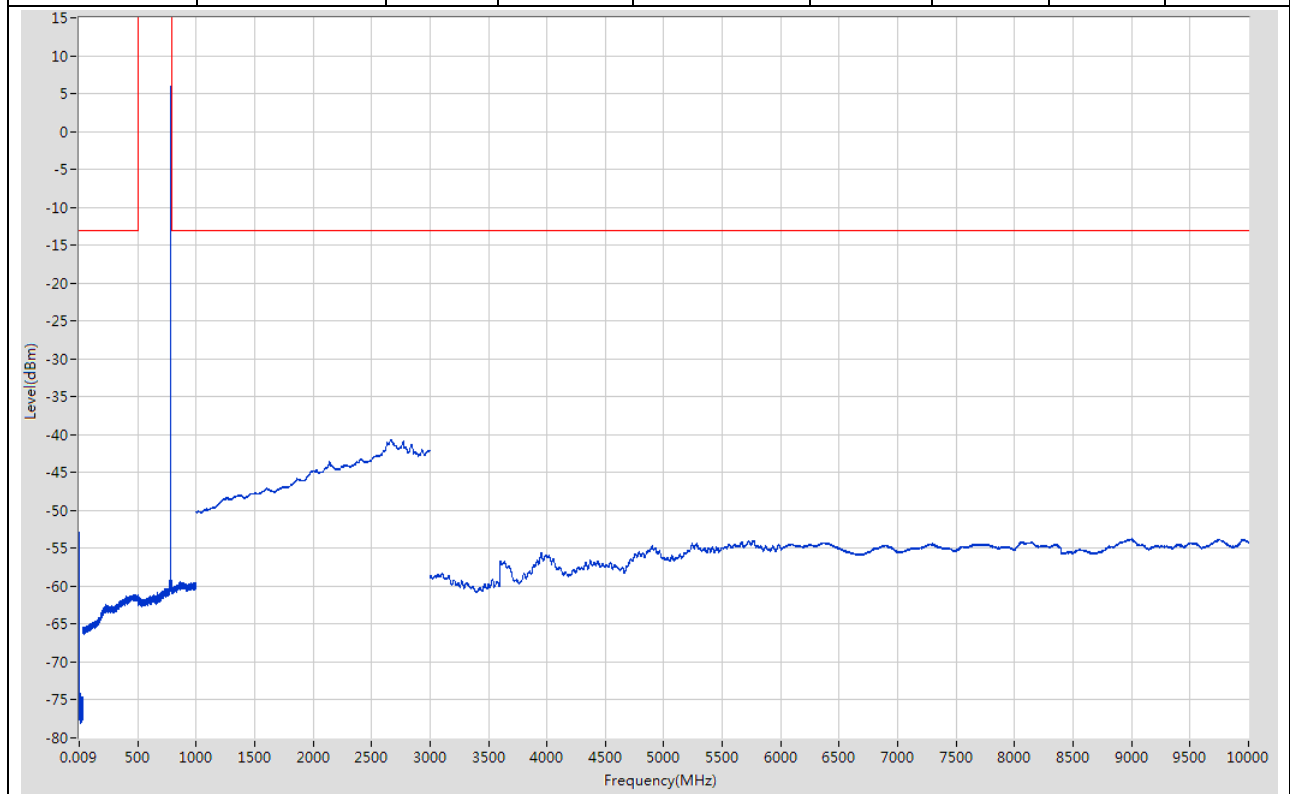
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-51.77	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.18	-13	Pass	2986
30	500	0.1	RMS	459.6	-61.11	-13	Pass	4701
500	795	0.1	RMS	781.7	6.81	60	Pass	2951
795	1000	0.1	RMS	900.4	-59.52	-13	Pass	2051
1000	3000	1	RMS	2669	-40.66	-13	Pass	2001
3000	10000	1	RMS	9956	-53.74	-13	Pass	7001



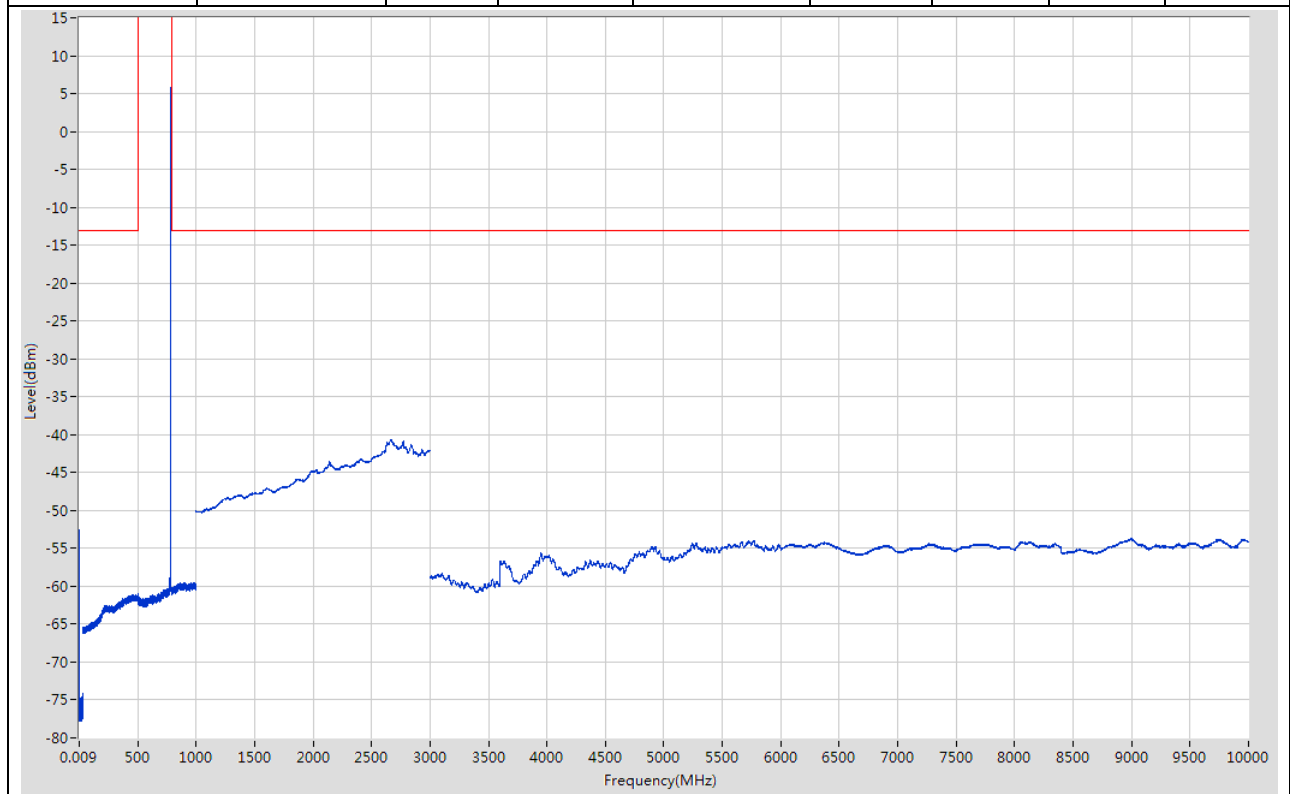
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.84	-13	Pass	401
0.15	30	0.01	RMS	0.15	-53.96	-13	Pass	2986
30	500	0.1	RMS	499.7	-61.16	-13	Pass	4701
500	795	0.1	RMS	777.3	5.94	60	Pass	2951
795	1000	0.1	RMS	866.4	-59.44	-13	Pass	2051
1000	3000	1	RMS	2663	-40.66	-13	Pass	2001
3000	10000	1	RMS	9003	-53.68	-13	Pass	7001



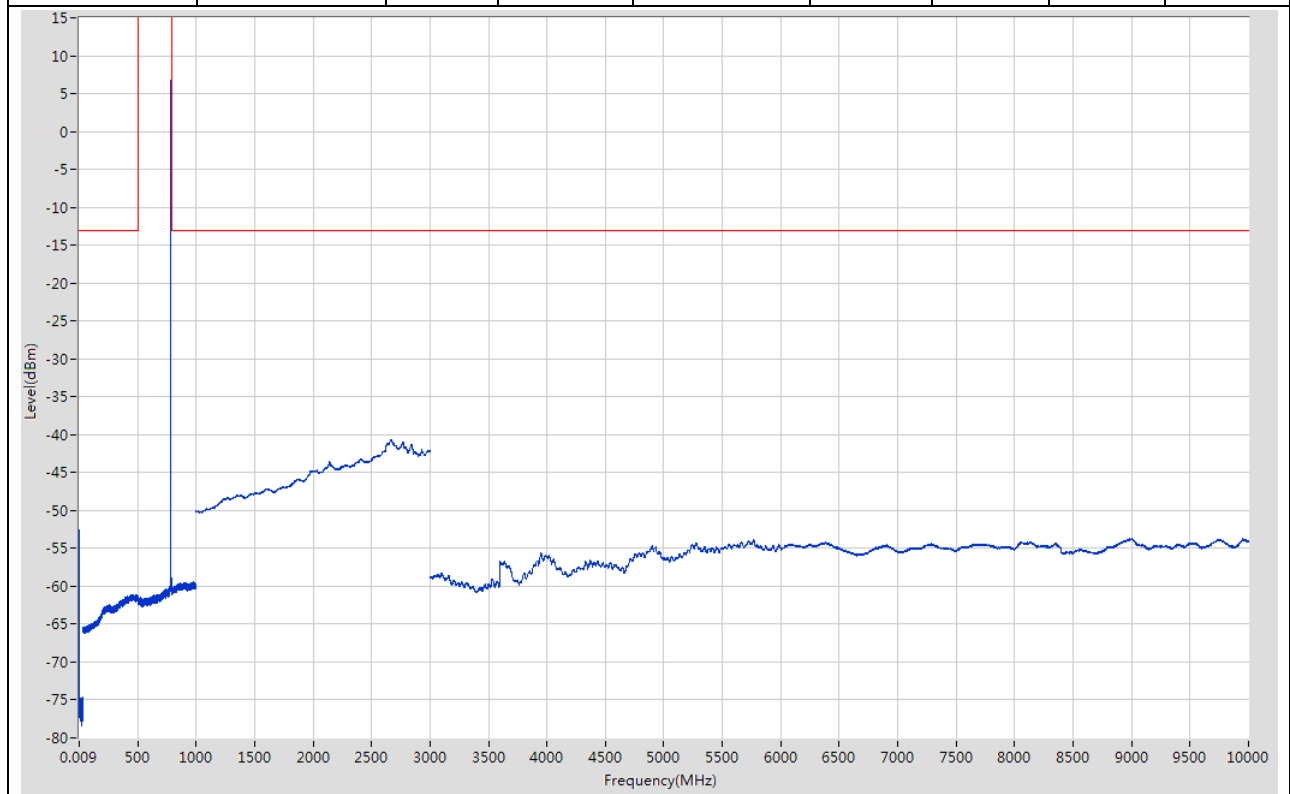
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-52.58	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.64	-13	Pass	2986
30	500	0.1	RMS	498.7	-60.98	-13	Pass	4701
500	795	0.1	RMS	781.7	5.83	60	Pass	2951
795	1000	0.1	RMS	978.4	-59.51	-13	Pass	2051
1000	3000	1	RMS	2667	-40.65	-13	Pass	2001
3000	10000	1	RMS	8999	-53.71	-13	Pass	7001



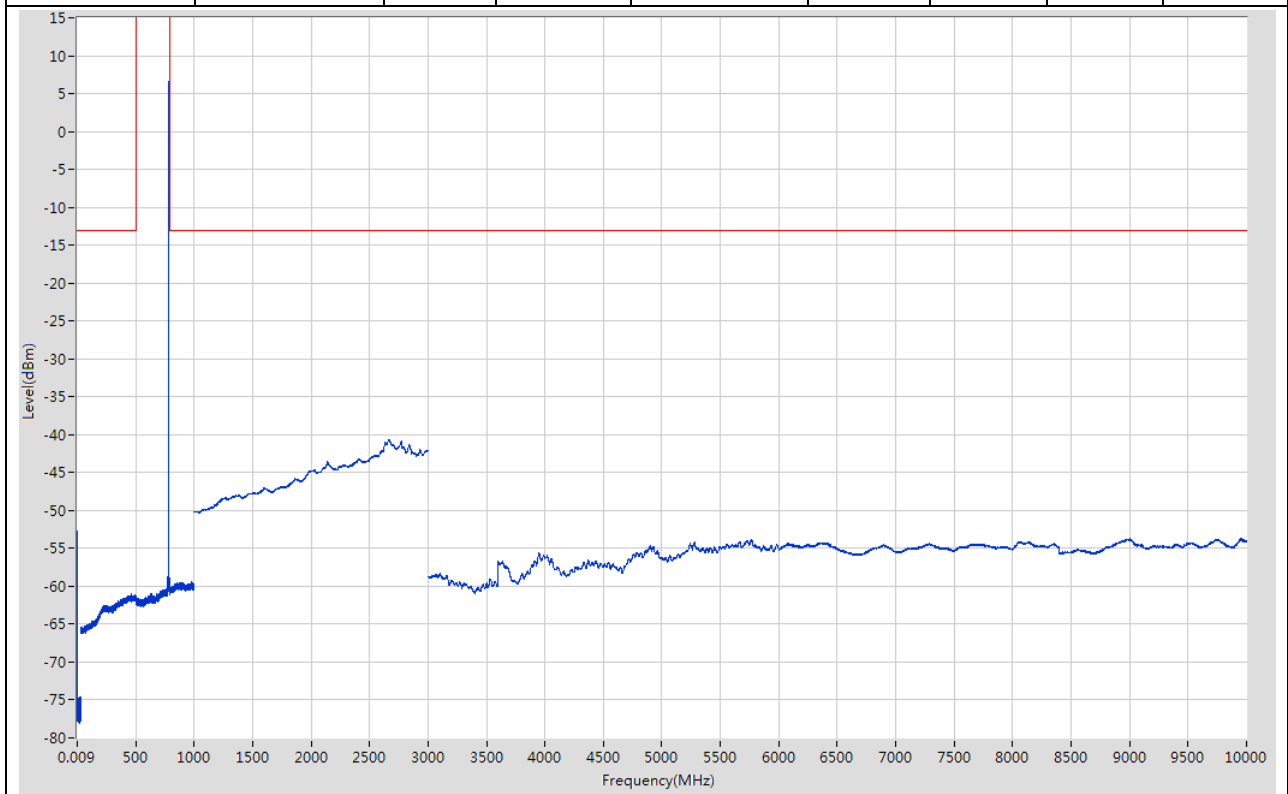
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.53	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.13	-13	Pass	2986
30	500	0.1	RMS	456.9	-61.09	-13	Pass	4701
500	795	0.1	RMS	779.8	6.7	60	Pass	2951
795	1000	0.1	RMS	972.3	-59.4	-13	Pass	2051
1000	3000	1	RMS	2667	-40.68	-13	Pass	2001
3000	10000	1	RMS	9950	-53.69	-13	Pass	7001



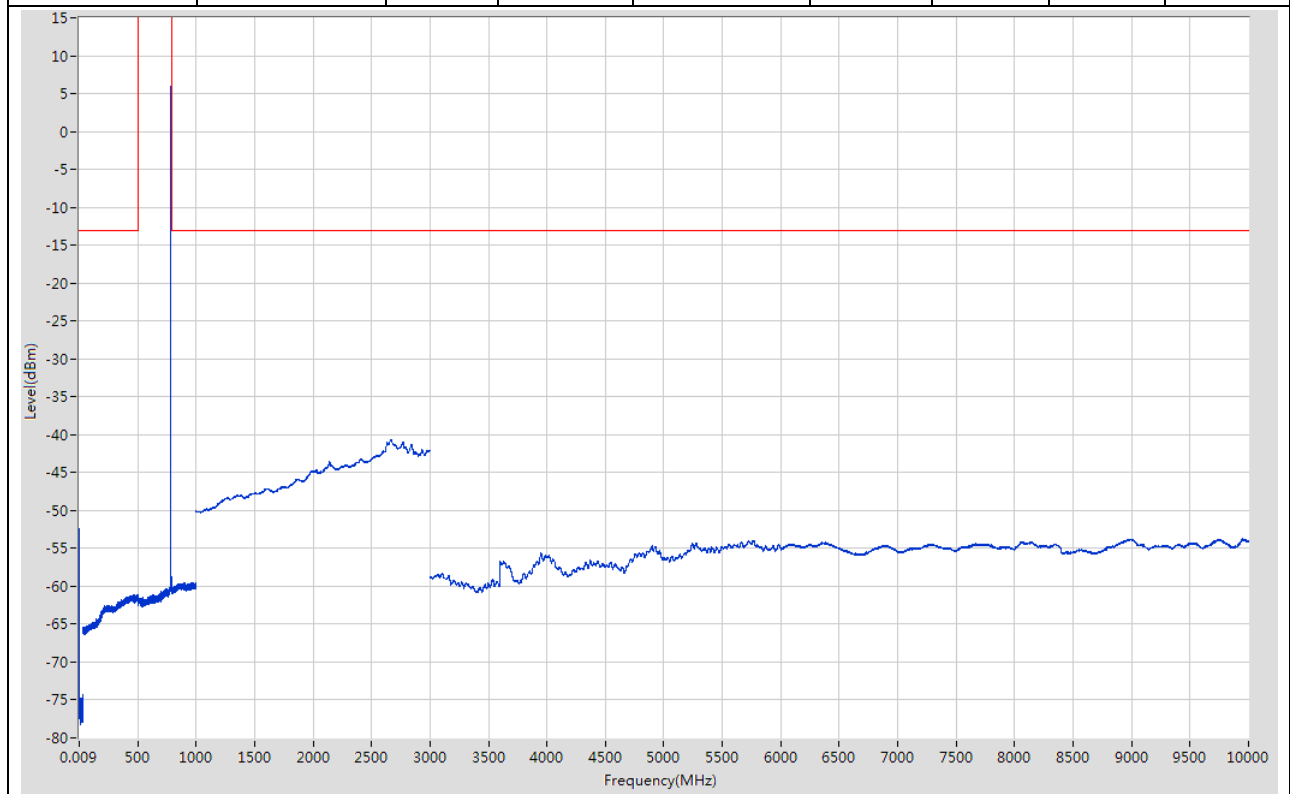
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-52.7	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.13	-13	Pass	2986
30	500	0.1	RMS	460.3	-61.02	-13	Pass	4701
500	795	0.1	RMS	784.2	6.64	60	Pass	2951
795	1000	0.1	RMS	979.7	-59.46	-13	Pass	2051
1000	3000	1	RMS	2670	-40.66	-13	Pass	2001
3000	10000	1	RMS	9951	-53.68	-13	Pass	7001



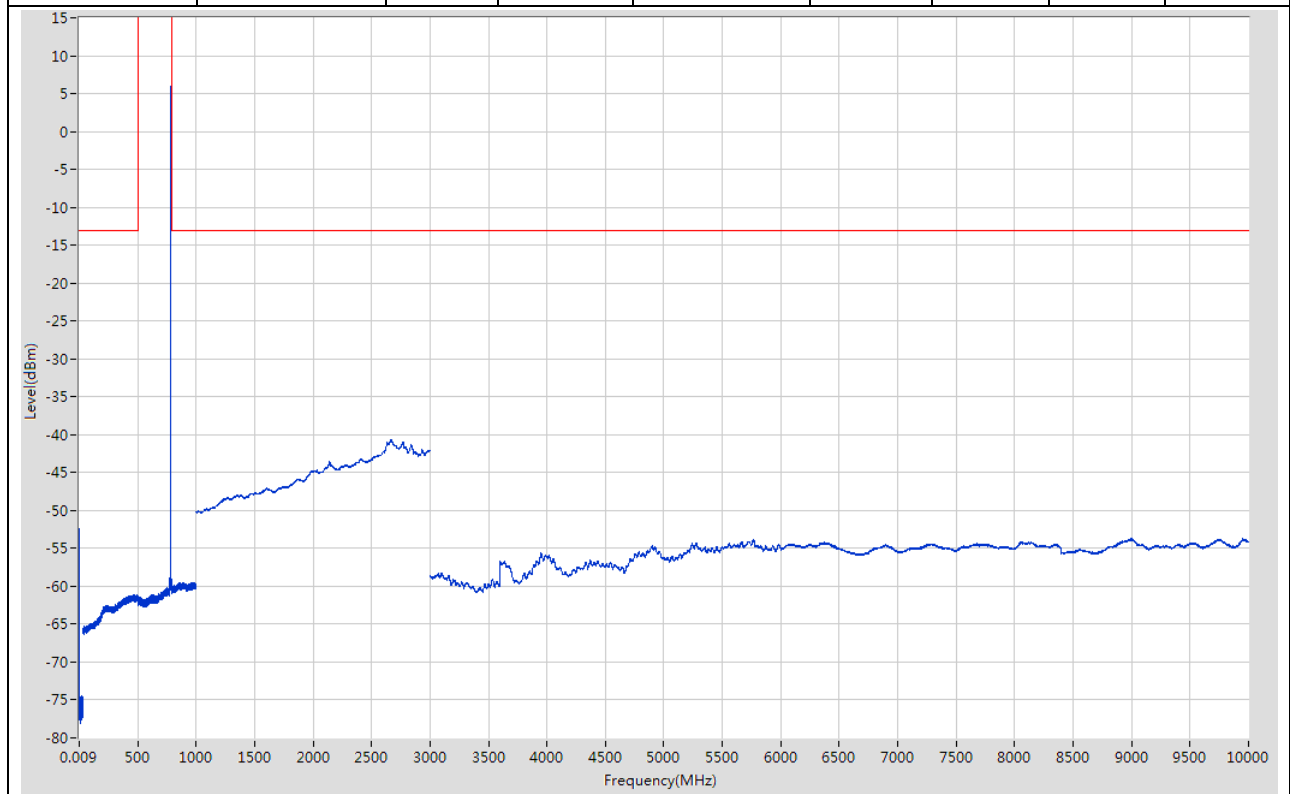
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.39	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.09	-13	Pass	2986
30	500	0.1	RMS	499.5	-61.08	-13	Pass	4701
500	795	0.1	RMS	779.8	5.94	60	Pass	2951
795	1000	0.1	RMS	995.2	-59.48	-13	Pass	2051
1000	3000	1	RMS	2664	-40.68	-13	Pass	2001
3000	10000	1	RMS	9952	-53.69	-13	Pass	7001



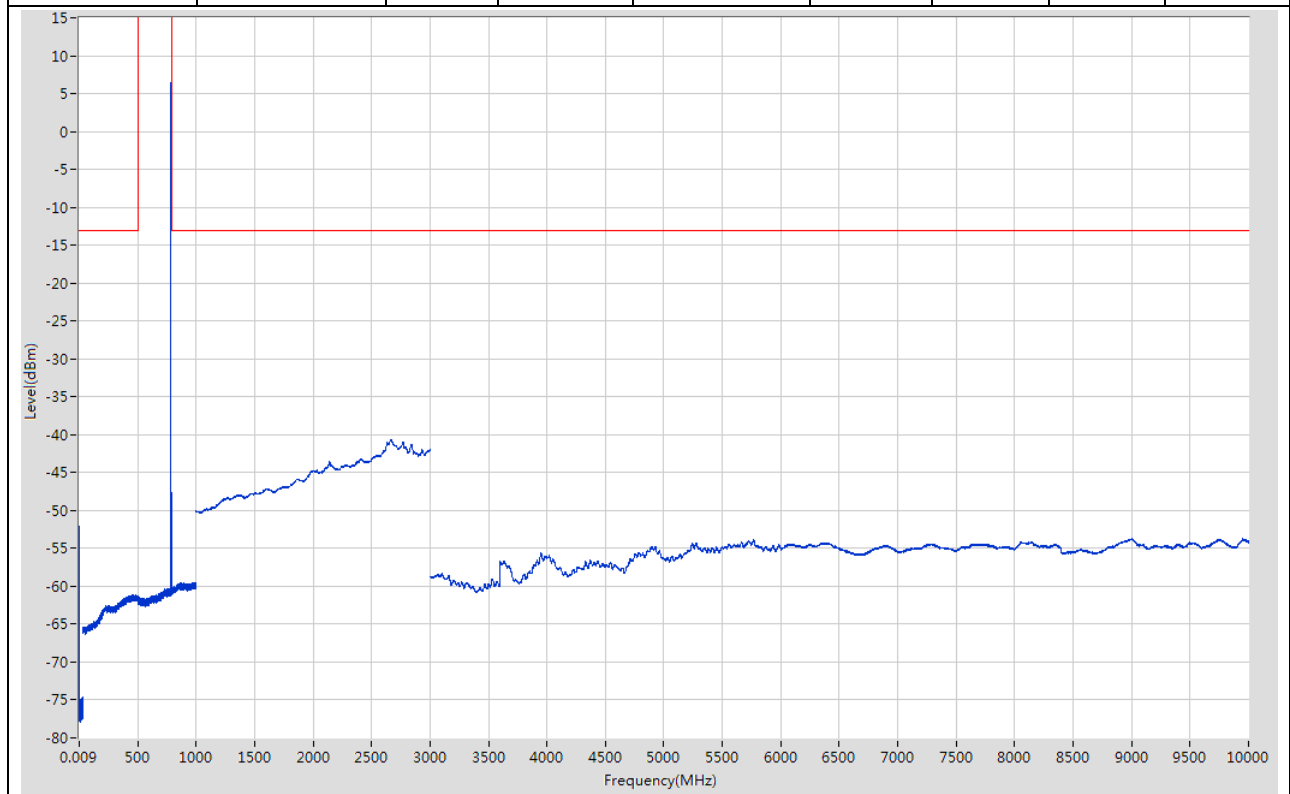
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-52.35	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.81	-13	Pass	2986
30	500	0.1	RMS	465.2	-61.12	-13	Pass	4701
500	795	0.1	RMS	784.2	5.93	60	Pass	2951
795	1000	0.1	RMS	957.5	-59.51	-13	Pass	2051
1000	3000	1	RMS	2660	-40.68	-13	Pass	2001
3000	10000	1	RMS	8996	-53.67	-13	Pass	7001



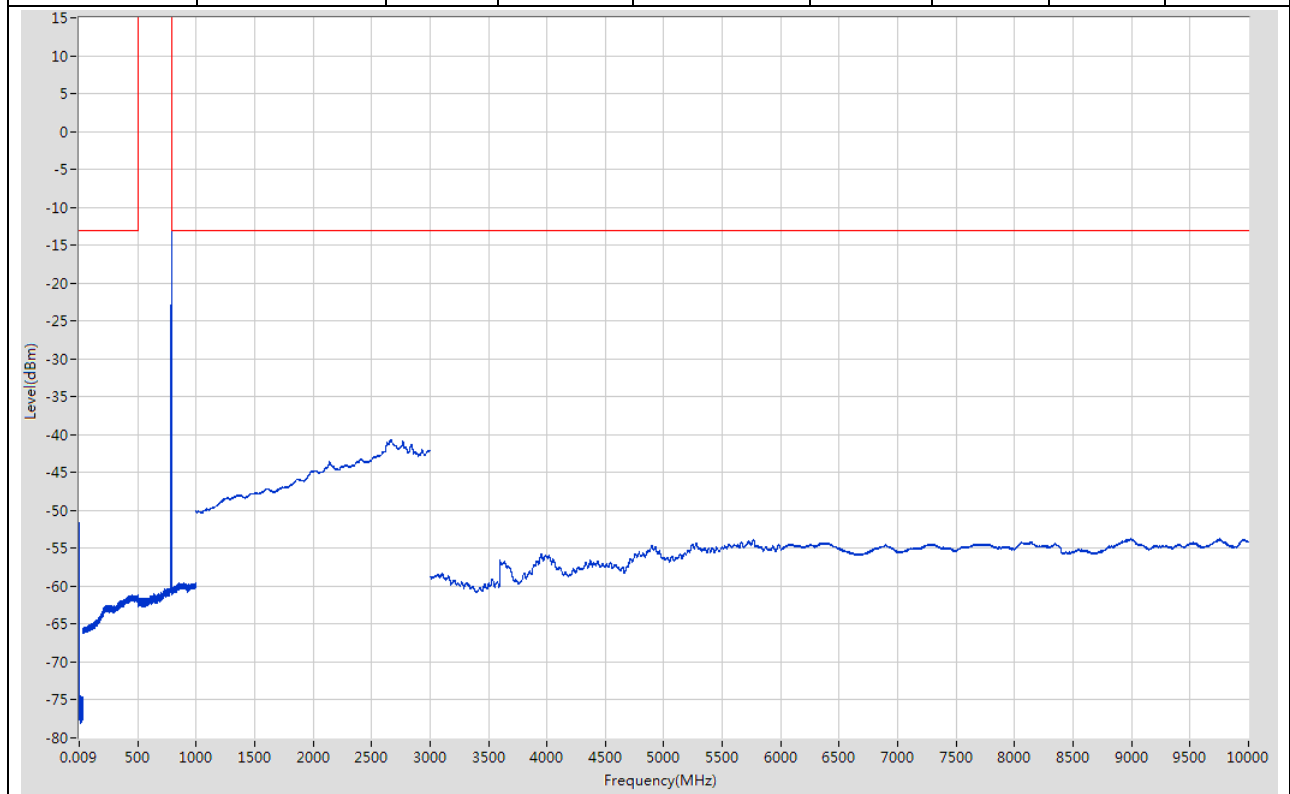
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.05	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.71	-13	Pass	2986
30	500	0.1	RMS	461	-61.09	-13	Pass	4701
500	795	0.1	RMS	782.3	6.42	60	Pass	2951
795	1000	0.1	RMS	859.2	-59.49	-13	Pass	2051
1000	3000	1	RMS	2668	-40.65	-13	Pass	2001
3000	10000	1	RMS	9949	-53.71	-13	Pass	7001



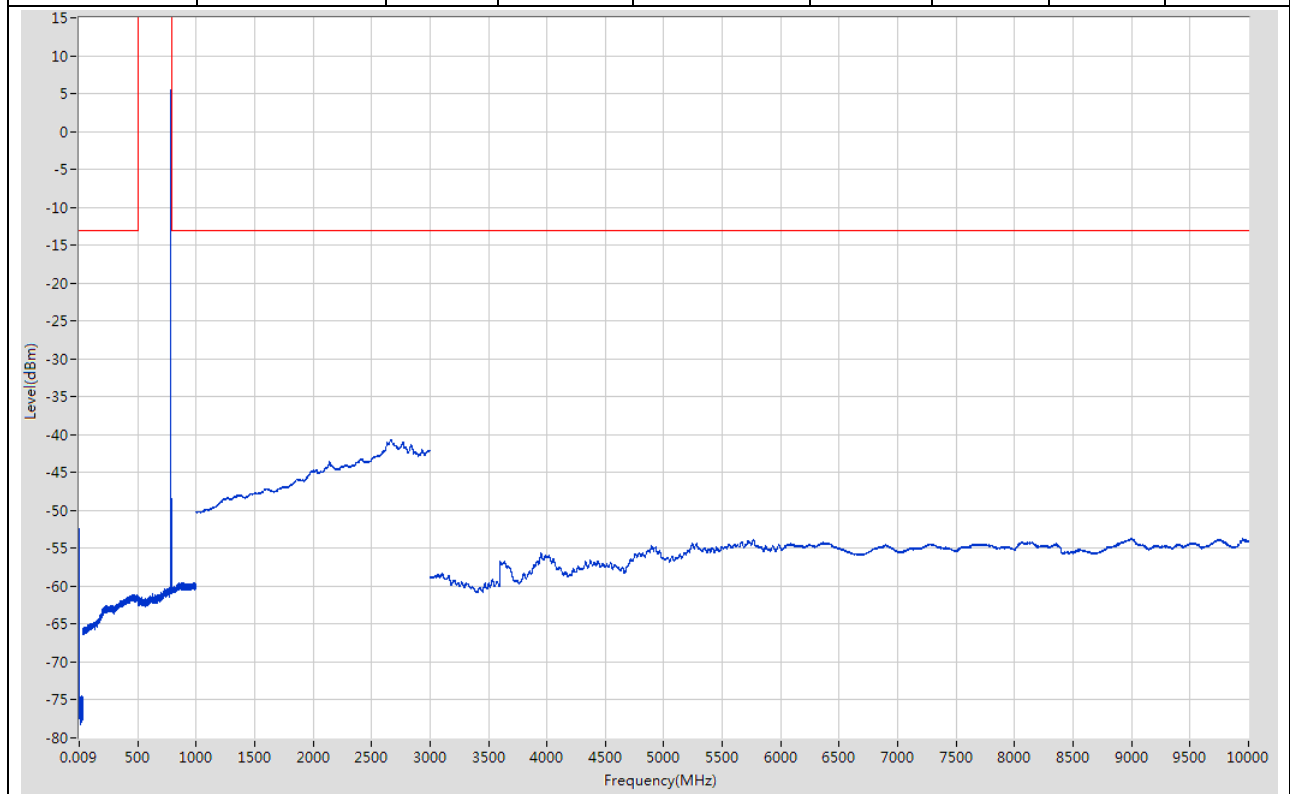
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-51.54	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.42	-13	Pass	2986
30	500	0.1	RMS	454.7	-61.09	-13	Pass	4701
500	795	0.1	RMS	786.7	6.92	60	Pass	2951
795	1000	0.1	RMS	895.5	-59.54	-13	Pass	2051
1000	3000	1	RMS	2662	-40.69	-13	Pass	2001
3000	10000	1	RMS	8993	-53.74	-13	Pass	7001



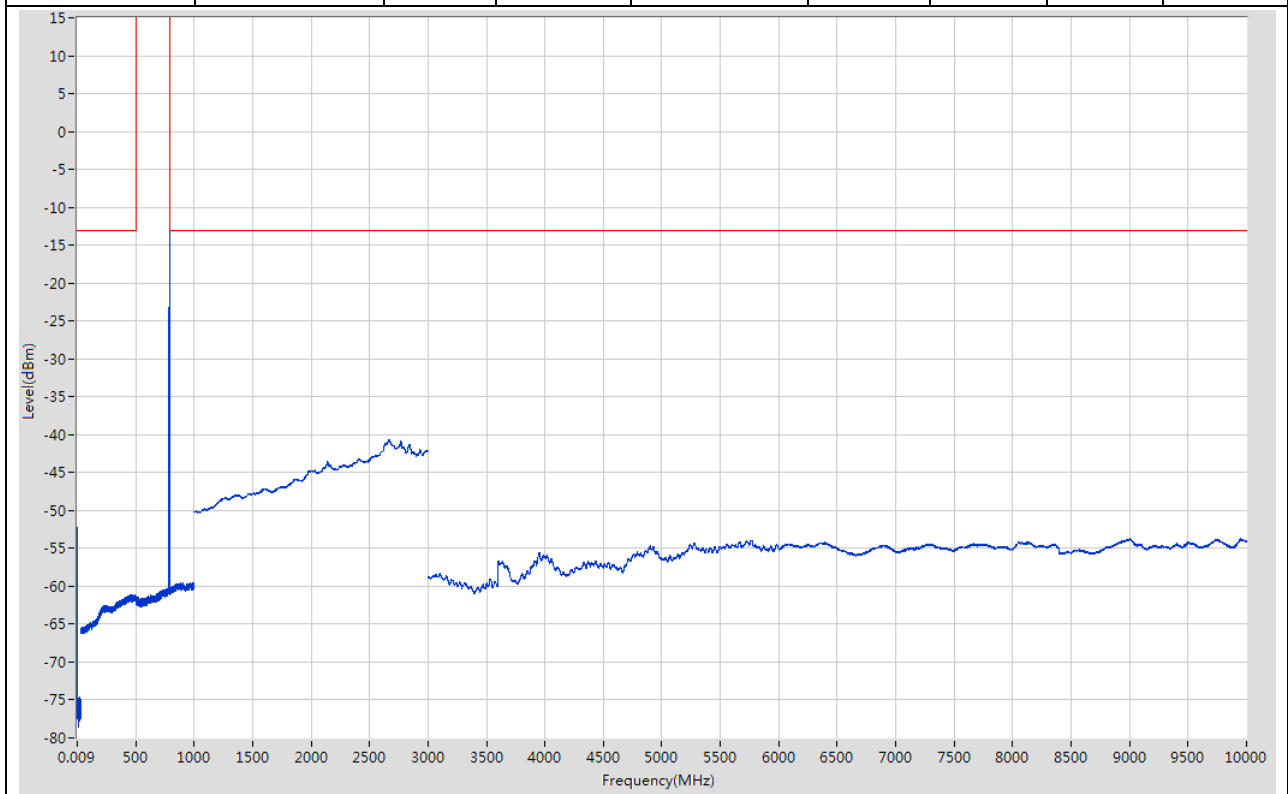
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-52.39	-13	Pass	401
0.15	30	0.01	RMS	0.16	-55.39	-13	Pass	2986
30	500	0.1	RMS	463.3	-61.19	-13	Pass	4701
500	795	0.1	RMS	782.3	5.45	60	Pass	2951
795	1000	0.1	RMS	983.7	-59.52	-13	Pass	2051
1000	3000	1	RMS	2668	-40.64	-13	Pass	2001
3000	10000	1	RMS	9001	-53.71	-13	Pass	7001



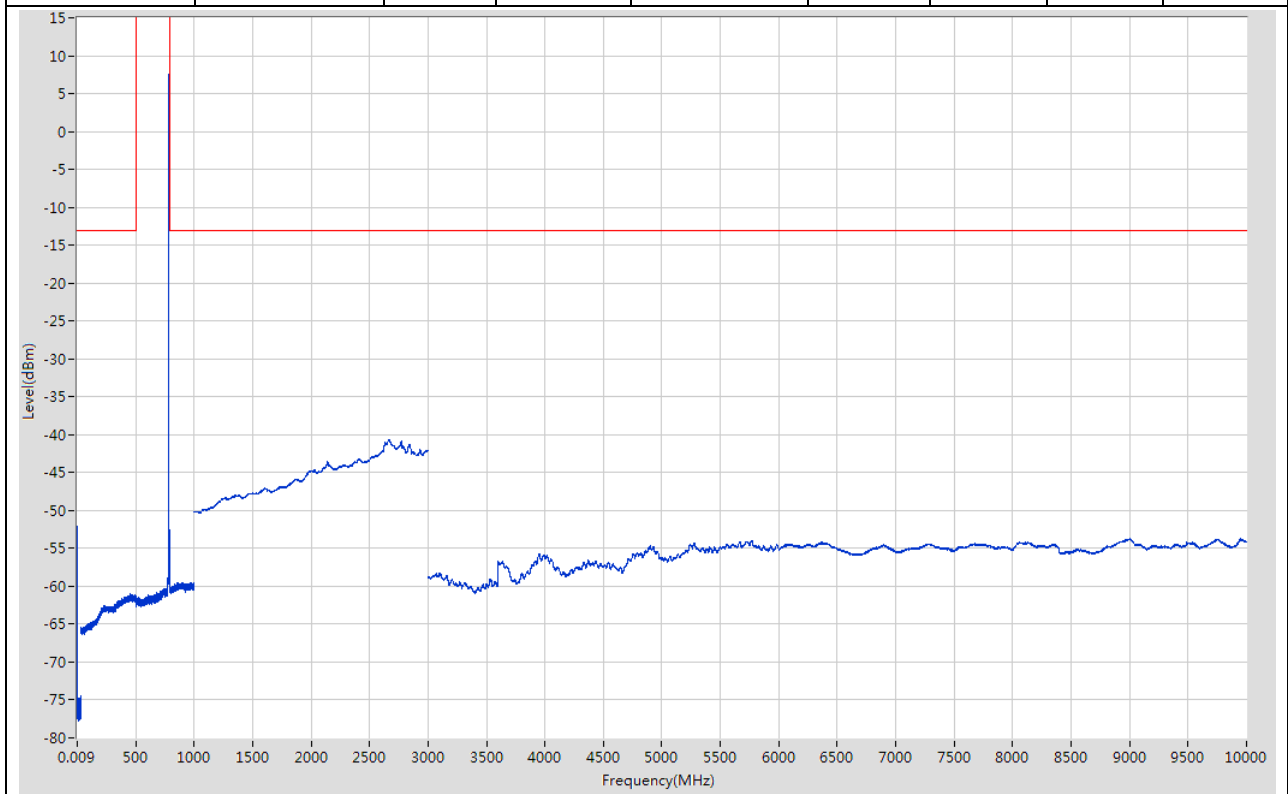
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-52.2	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.5	-13	Pass	2986
30	500	0.1	RMS	447.8	-61.12	-13	Pass	4701
500	795	0.1	RMS	786.7	6.21	60	Pass	2951
795	1000	0.1	RMS	899.4	-59.49	-13	Pass	2051
1000	3000	1	RMS	2667	-40.7	-13	Pass	2001
3000	10000	1	RMS	9952	-53.73	-13	Pass	7001



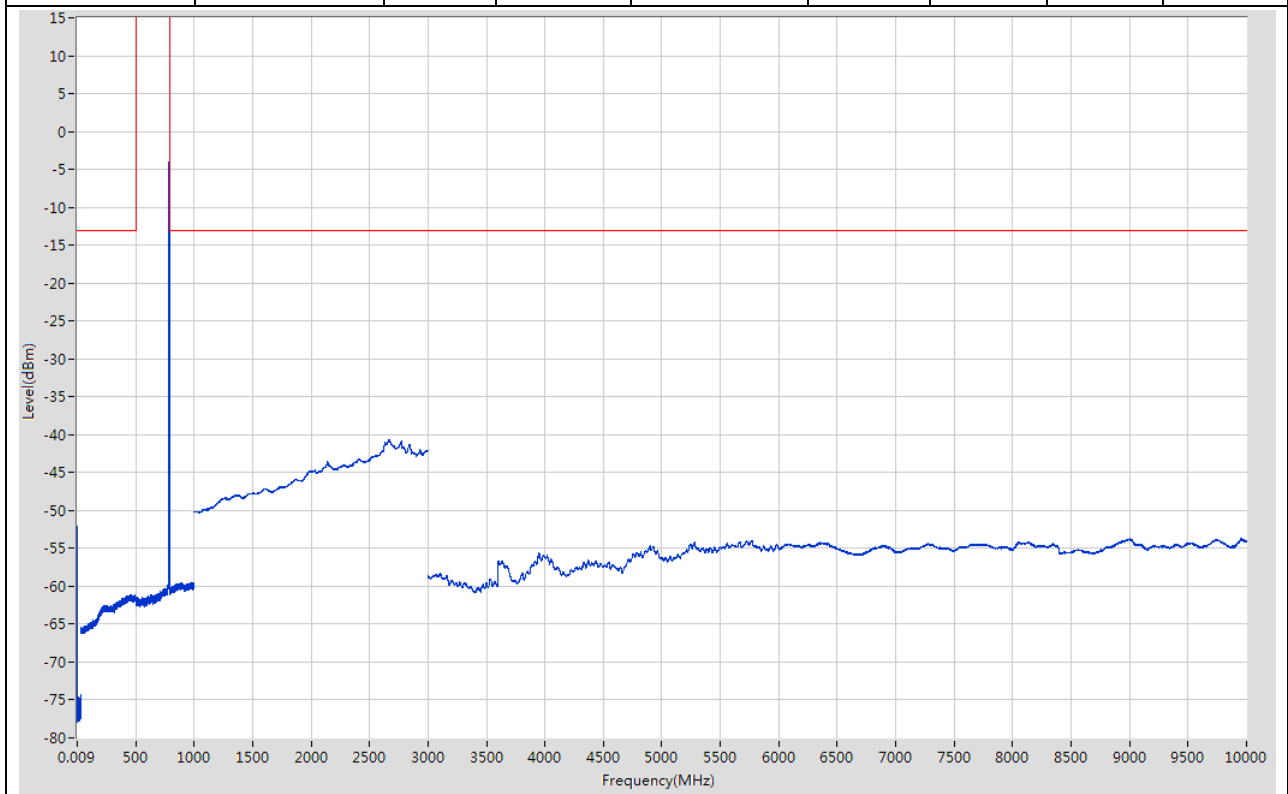
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.01	-52.01	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.86	-13	Pass	2986
30	500	0.1	RMS	450.9	-60.91	-13	Pass	4701
500	795	0.1	RMS	777.6	-7.56	60	Pass	2951
795	1000	0.1	RMS	977.8	-59.48	-13	Pass	2051
1000	3000	1	RMS	2660	-40.68	-13	Pass	2001
3000	10000	1	RMS	8998	-53.72	-13	Pass	7001



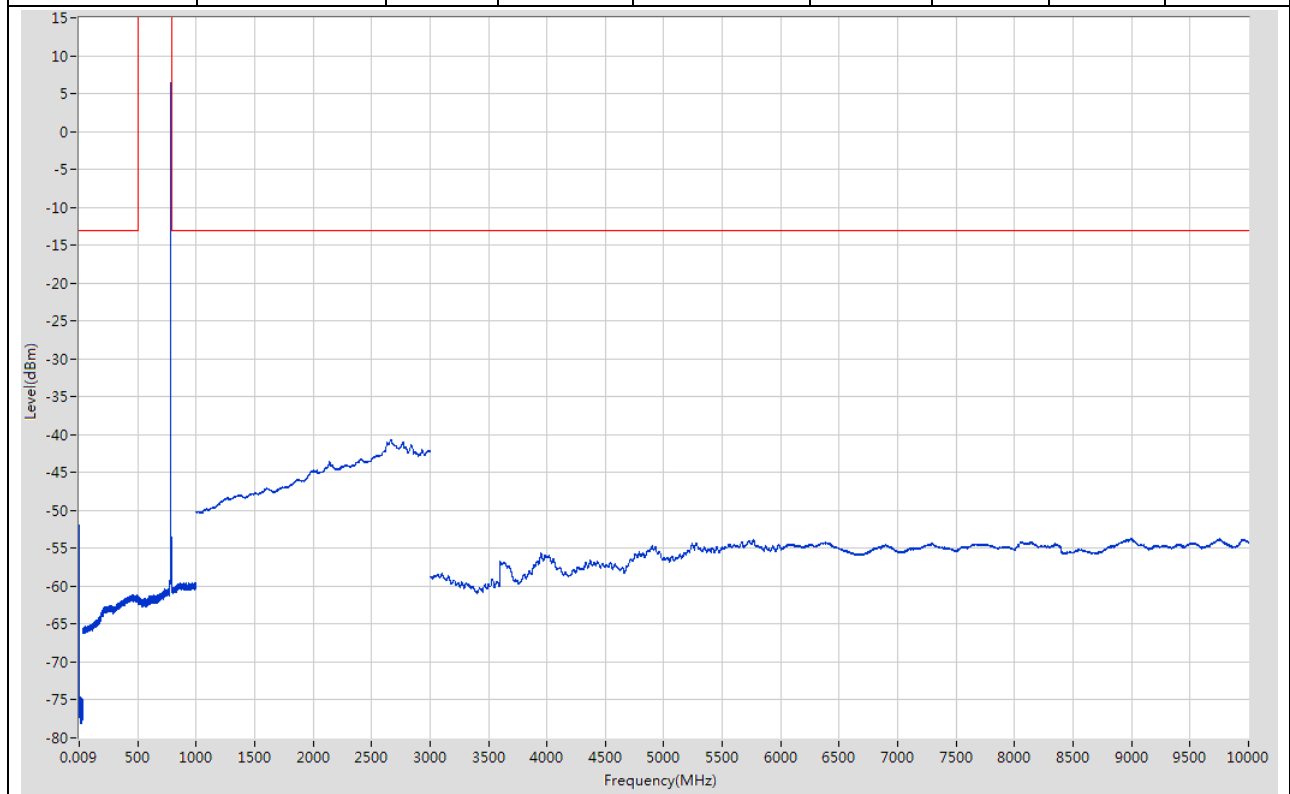
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-52.16	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.89	-13	Pass	2986
30	500	0.1	RMS	450.4	-61.11	-13	Pass	4701
500	795	0.1	RMS	786.4	7.25	60	Pass	2951
795	1000	0.1	RMS	996.9	-59.47	-13	Pass	2051
1000	3000	1	RMS	2671	-40.68	-13	Pass	2001
3000	10000	1	RMS	9949	-53.72	-13	Pass	7001



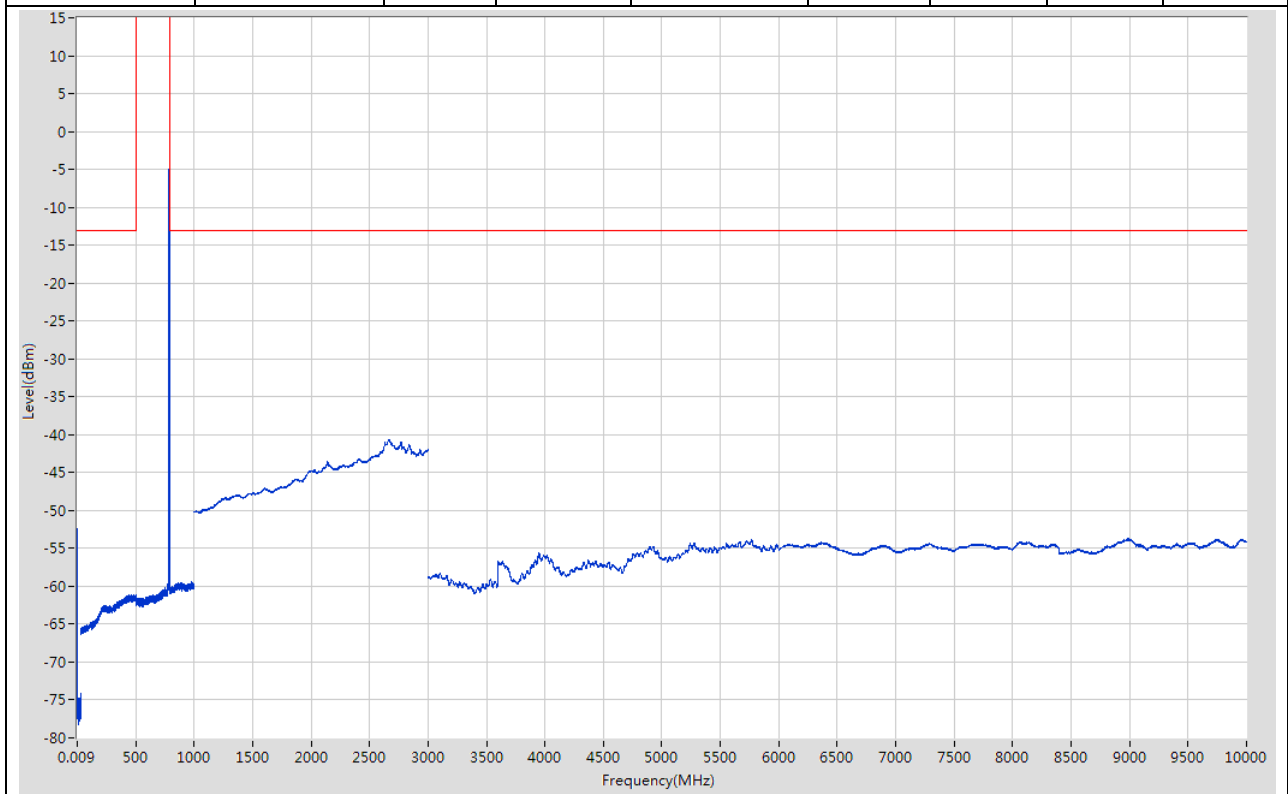
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-51.87	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.61	-13	Pass	2986
30	500	0.1	RMS	453.6	-61.09	-13	Pass	4701
500	795	0.1	RMS	777.6	6.46	60	Pass	2951
795	1000	0.1	RMS	861.4	-59.51	-13	Pass	2051
1000	3000	1	RMS	2666	-40.65	-13	Pass	2001
3000	10000	1	RMS	8998	-53.74	-13	Pass	7001



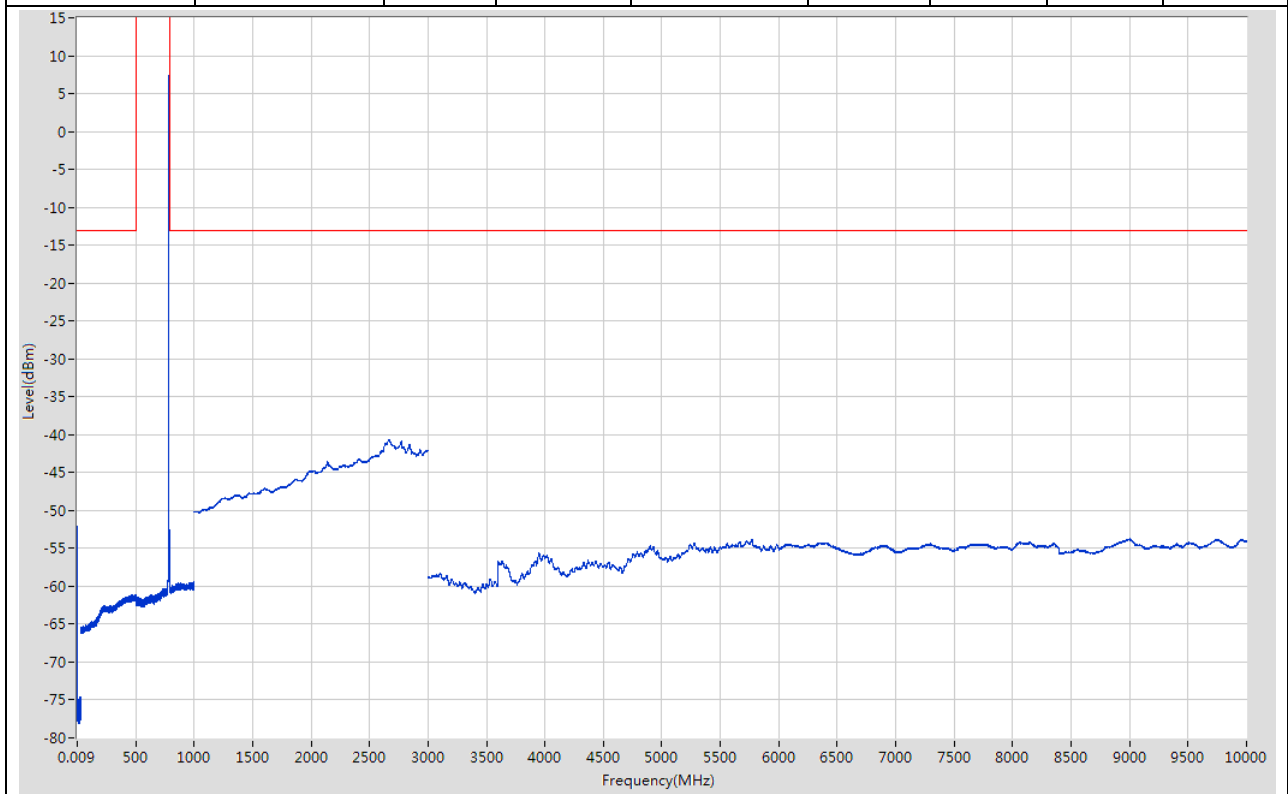
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-52.34	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.58	-13	Pass	2986
30	500	0.1	RMS	443.4	-61.14	-13	Pass	4701
500	795	0.1	RMS	786.4	6.46	60	Pass	2951
795	1000	0.1	RMS	978.2	-59.45	-13	Pass	2051
1000	3000	1	RMS	2670	-40.67	-13	Pass	2001
3000	10000	1	RMS	8987	-53.73	-13	Pass	7001



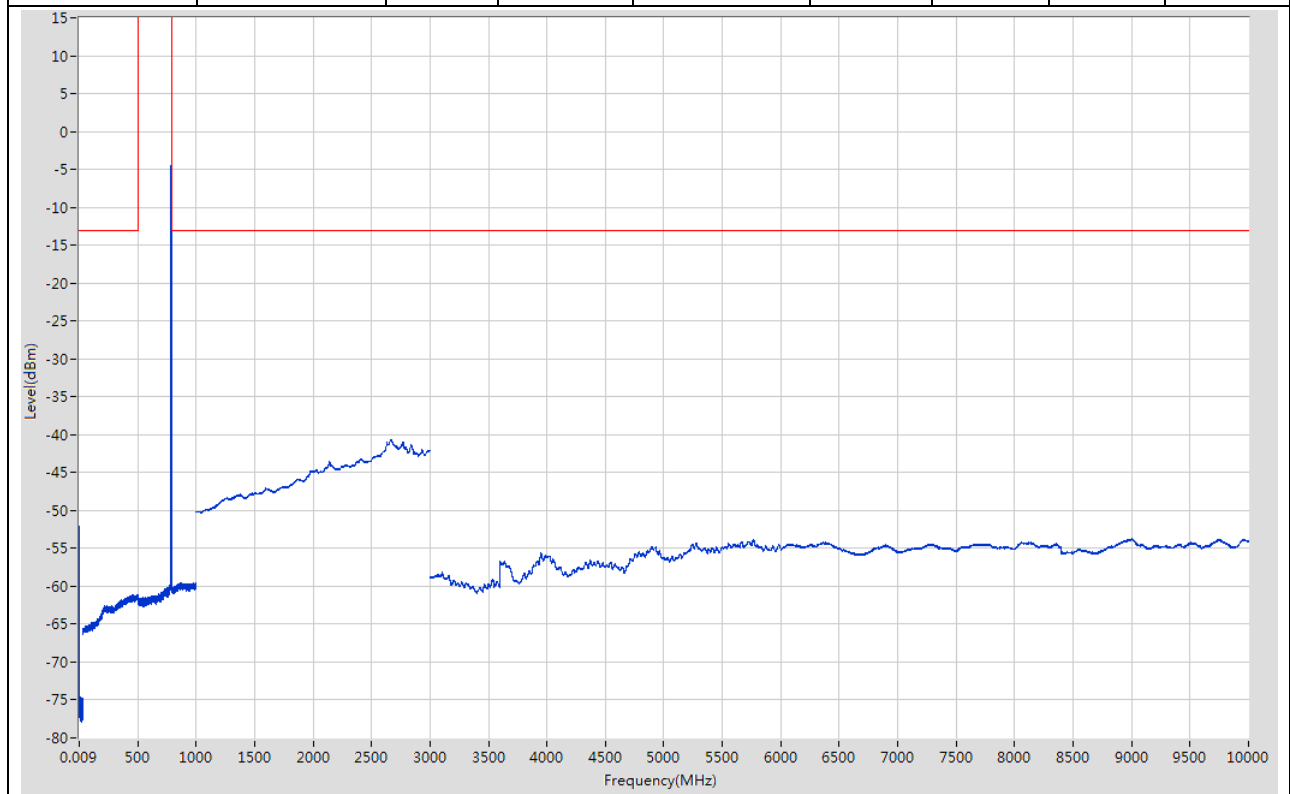
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.15	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.93	-13	Pass	2986
30	500	0.1	RMS	465.8	-61.16	-13	Pass	4701
500	795	0.1	RMS	777.6	7.46	60	Pass	2951
795	1000	0.1	RMS	998.7	-59.42	-13	Pass	2051
1000	3000	1	RMS	2667	-40.68	-13	Pass	2001
3000	10000	1	RMS	9000	-53.74	-13	Pass	7001



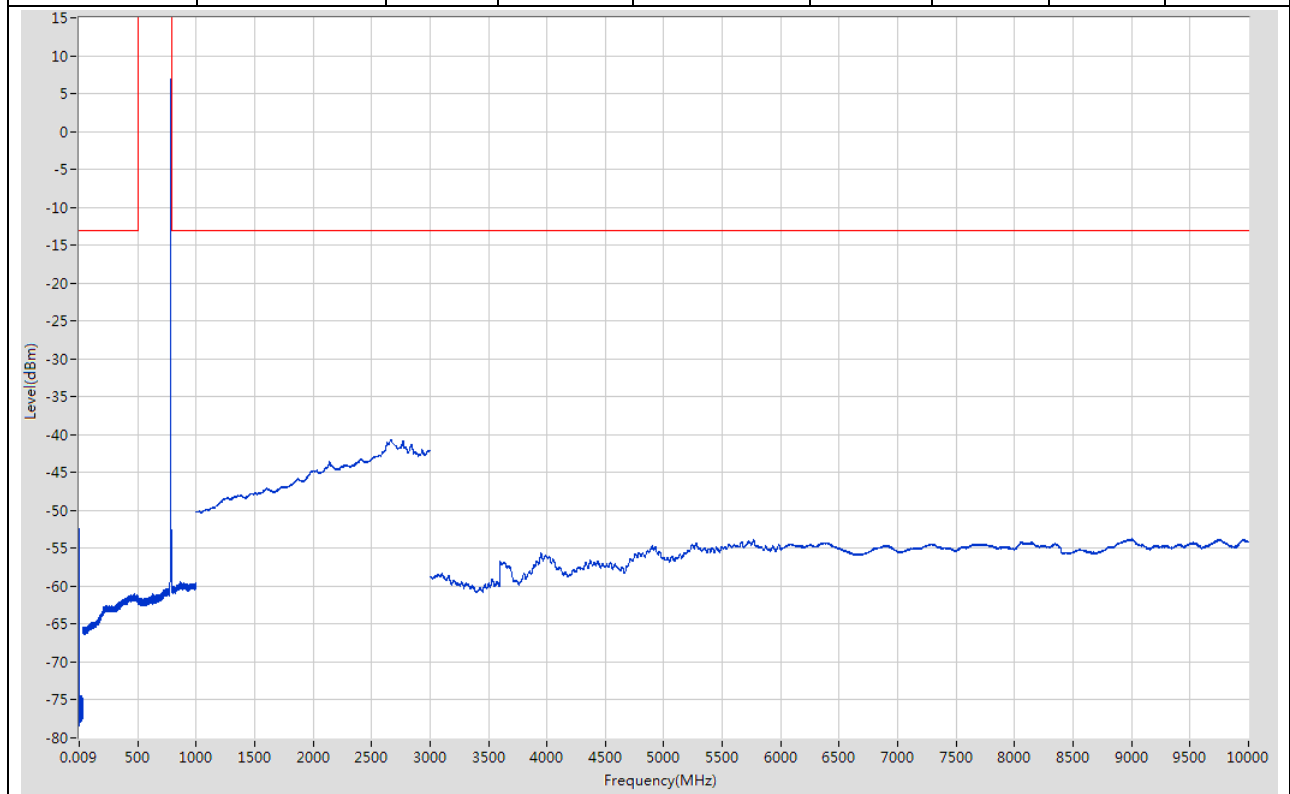
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-52.11	-13	Pass	401
0.15	30	0.01	RMS	0.16	-55.61	-13	Pass	2986
30	500	0.1	RMS	463.8	-61.09	-13	Pass	4701
500	795	0.1	RMS	786.4	7.28	60	Pass	2951
795	1000	0.1	RMS	878.3	-59.53	-13	Pass	2051
1000	3000	1	RMS	2668	-40.68	-13	Pass	2001
3000	10000	1	RMS	9000	-53.73	-13	Pass	7001



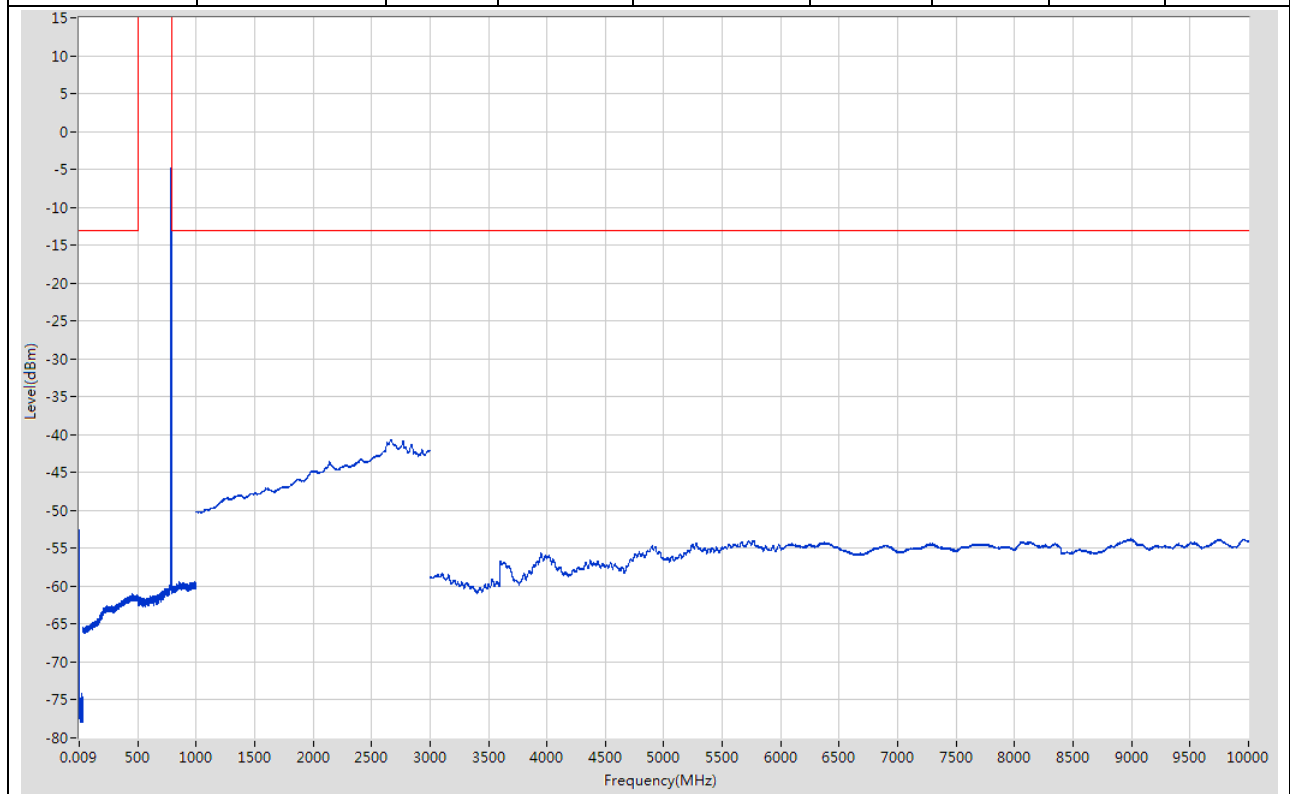
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.01	-52.36	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.86	-13	Pass	2986
30	500	0.1	RMS	470.6	-61.03	-13	Pass	4701
500	795	0.1	RMS	777.6	6.92	60	Pass	2951
795	1000	0.1	RMS	867.1	-59.37	-13	Pass	2051
1000	3000	1	RMS	2668	-40.67	-13	Pass	2001
3000	10000	1	RMS	9000	-53.74	-13	Pass	7001



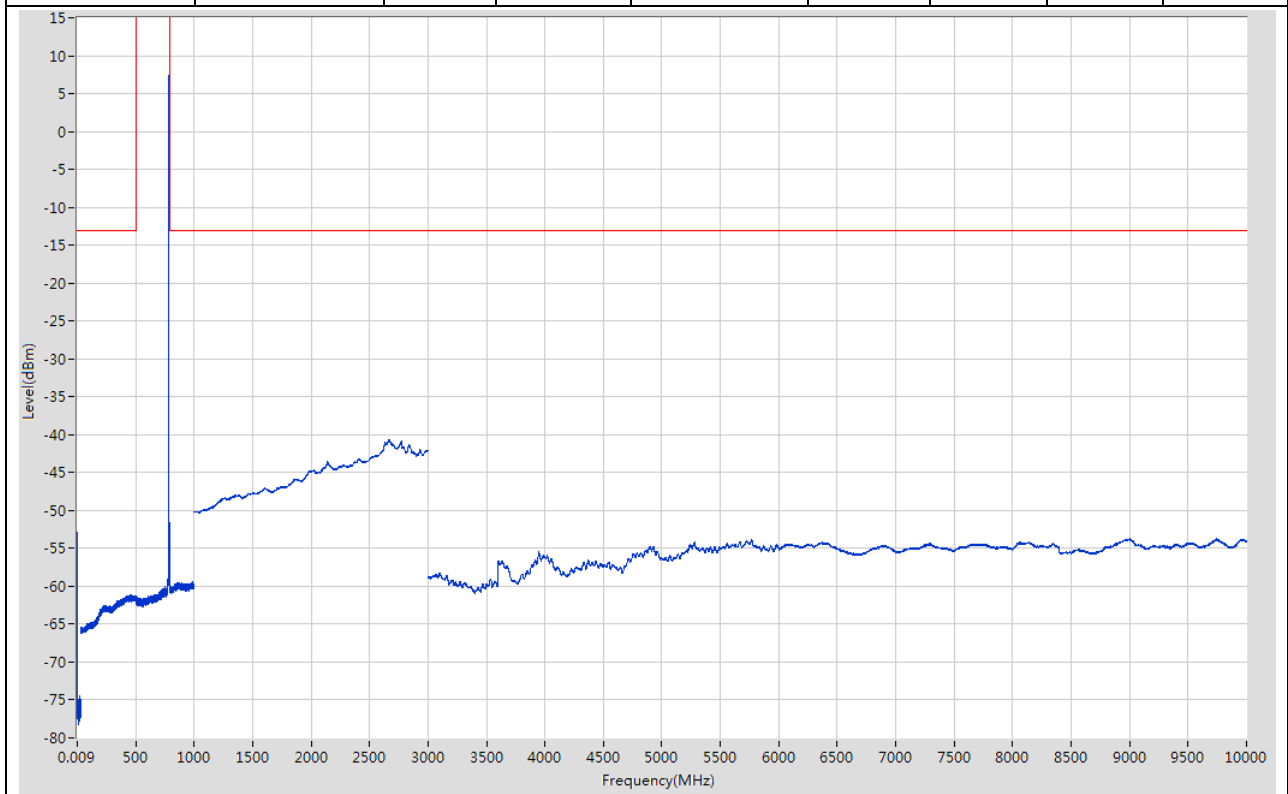
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	0.01	-52.57	-13	Pass	401
0.15	30	0.01	RMS	0.15	-53.8	-13	Pass	2986
30	500	0.1	RMS	455.6	-60.97	-13	Pass	4701
500	795	0.1	RMS	786.4	6.52	60	Pass	2951
795	1000	0.1	RMS	852	-59.44	-13	Pass	2051
1000	3000	1	RMS	2669	-40.67	-13	Pass	2001
3000	10000	1	RMS	8993	-53.74	-13	Pass	7001



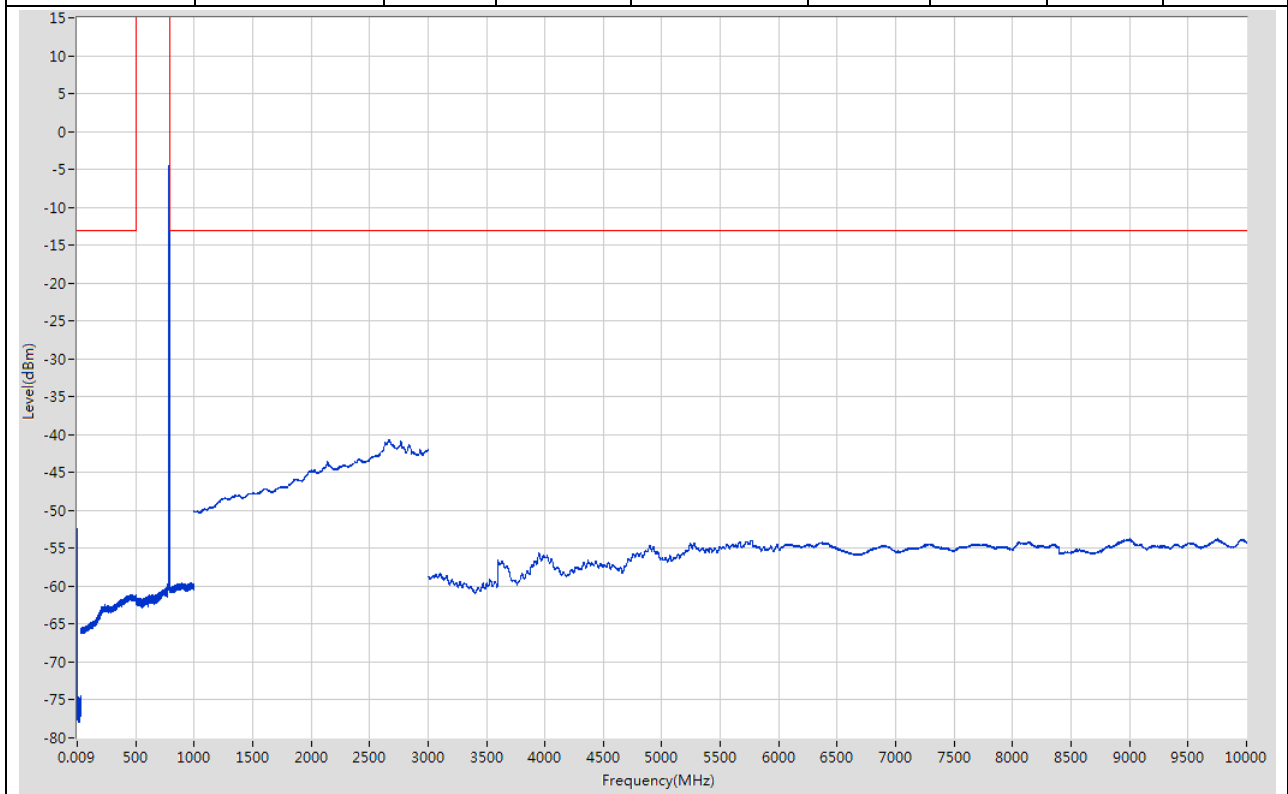
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-52.92	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.57	-13	Pass	2986
30	500	0.1	RMS	457.6	-61.12	-13	Pass	4701
500	795	0.1	RMS	777.6	-7.42	60	Pass	2951
795	1000	0.1	RMS	991.3	-59.43	-13	Pass	2051
1000	3000	1	RMS	2668	-40.66	-13	Pass	2001
3000	10000	1	RMS	8998	-53.71	-13	Pass	7001



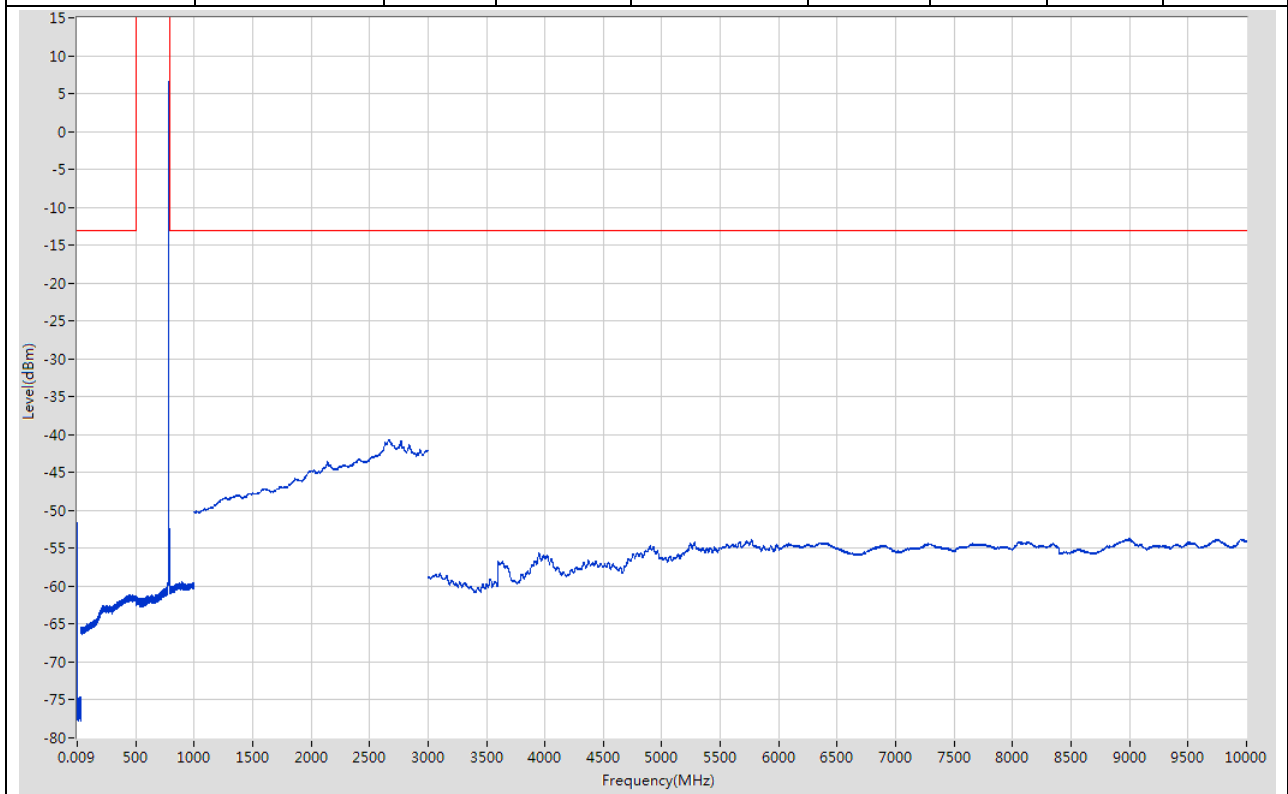
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-52.36	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.68	-13	Pass	2986
30	500	0.1	RMS	499.2	-61.12	-13	Pass	4701
500	795	0.1	RMS	786.4	7.29	60	Pass	2951
795	1000	0.1	RMS	894.6	-59.46	-13	Pass	2051
1000	3000	1	RMS	2661	-40.67	-13	Pass	2001
3000	10000	1	RMS	9001	-53.72	-13	Pass	7001



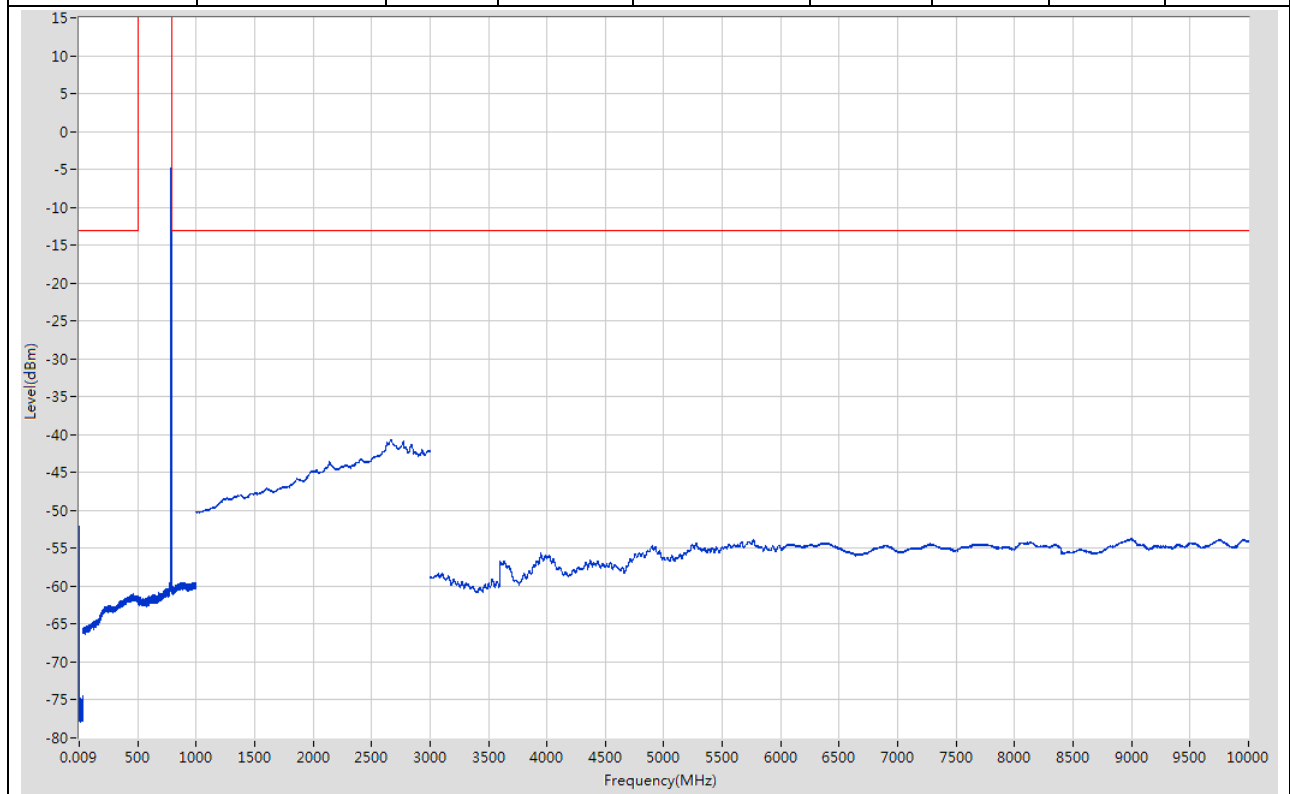
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-51.65	-13	Pass	401
0.15	30	0.01	RMS	0.15	-55.11	-13	Pass	2986
30	500	0.1	RMS	456	-61.12	-13	Pass	4701
500	795	0.1	RMS	777.6	6.66	60	Pass	2951
795	1000	0.1	RMS	894.2	-59.31	-13	Pass	2051
1000	3000	1	RMS	2666	-40.66	-13	Pass	2001
3000	10000	1	RMS	9001	-53.72	-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	-52.14	-13	Pass	401
0.15	30	0.01	RMS	0.15	-54.04	-13	Pass	2986
30	500	0.1	RMS	457.9	-60.97	-13	Pass	4701
500	795	0.1	RMS	786.4	6.33	60	Pass	2951
795	1000	0.1	RMS	903.7	-59.47	-13	Pass	2051
1000	3000	1	RMS	2670	-40.67	-13	Pass	2001
3000	10000	1	RMS	8995	-53.68	-13	Pass	7001



END