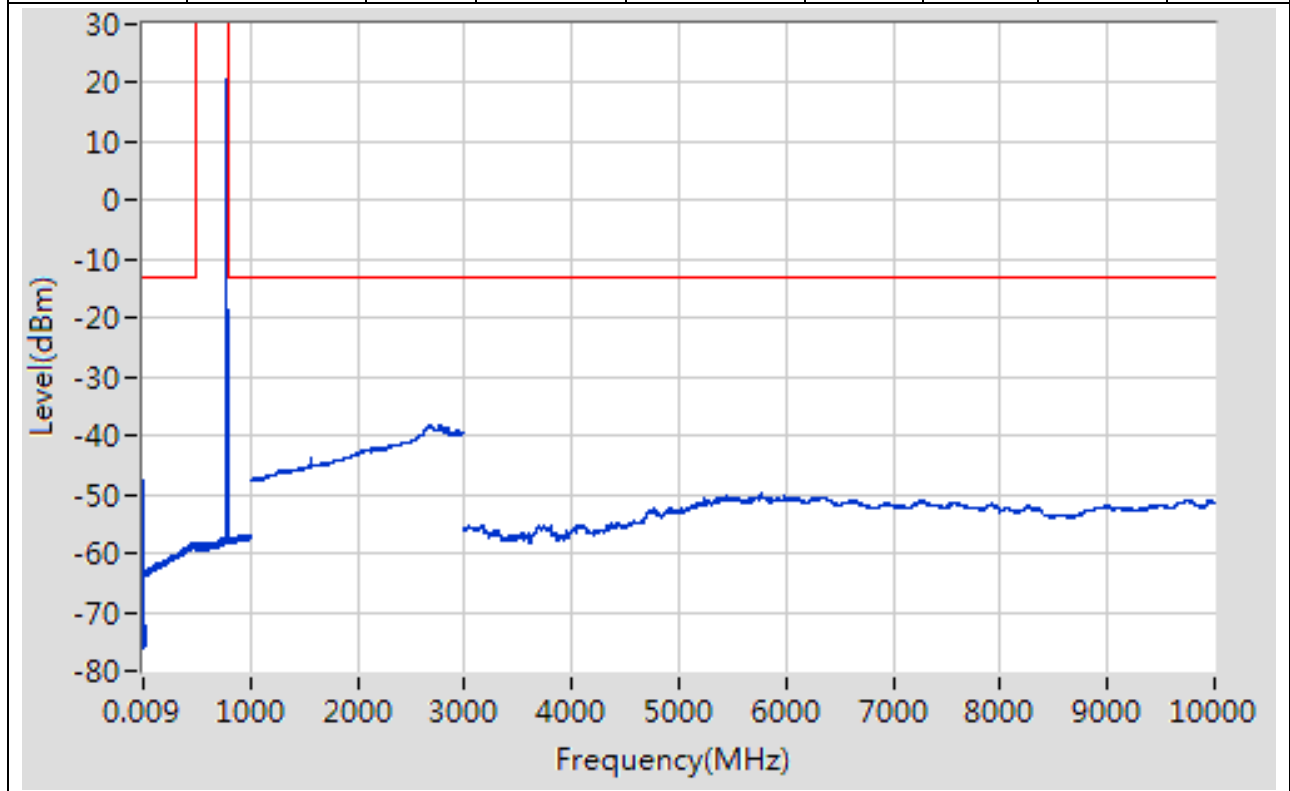


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

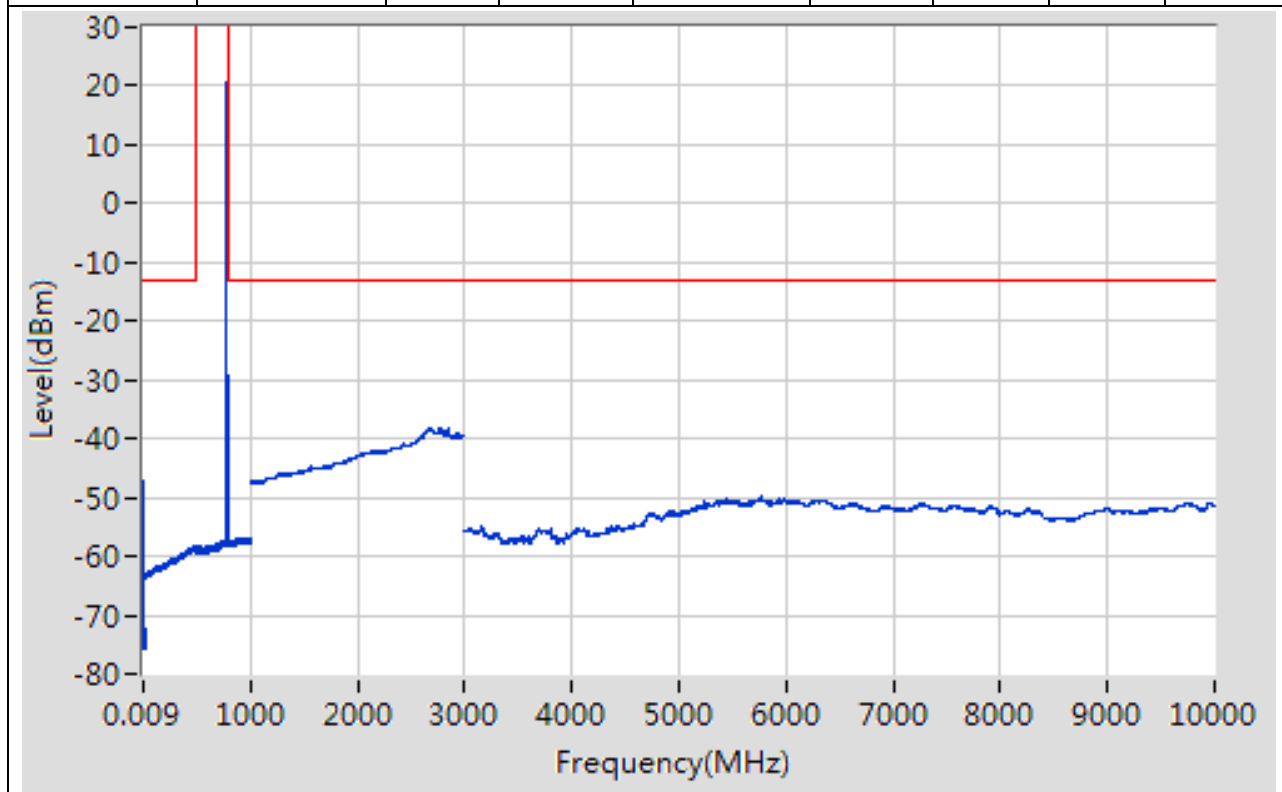
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-47.56	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.37	-13	Pass	2986
30	500	0.1	RMS	499.6	-58.28	-13	Pass	4701
500	795	0.1	RMS	777.3	20.68	60	Pass	2951
795	1000	0.1	RMS	999.8	-56.89	-13	Pass	2051
1000	3000	1	RMS	2668	-38.08	-13	Pass	2001
3000	10000	1	RMS	5770	-49.92	-13	Pass	7001



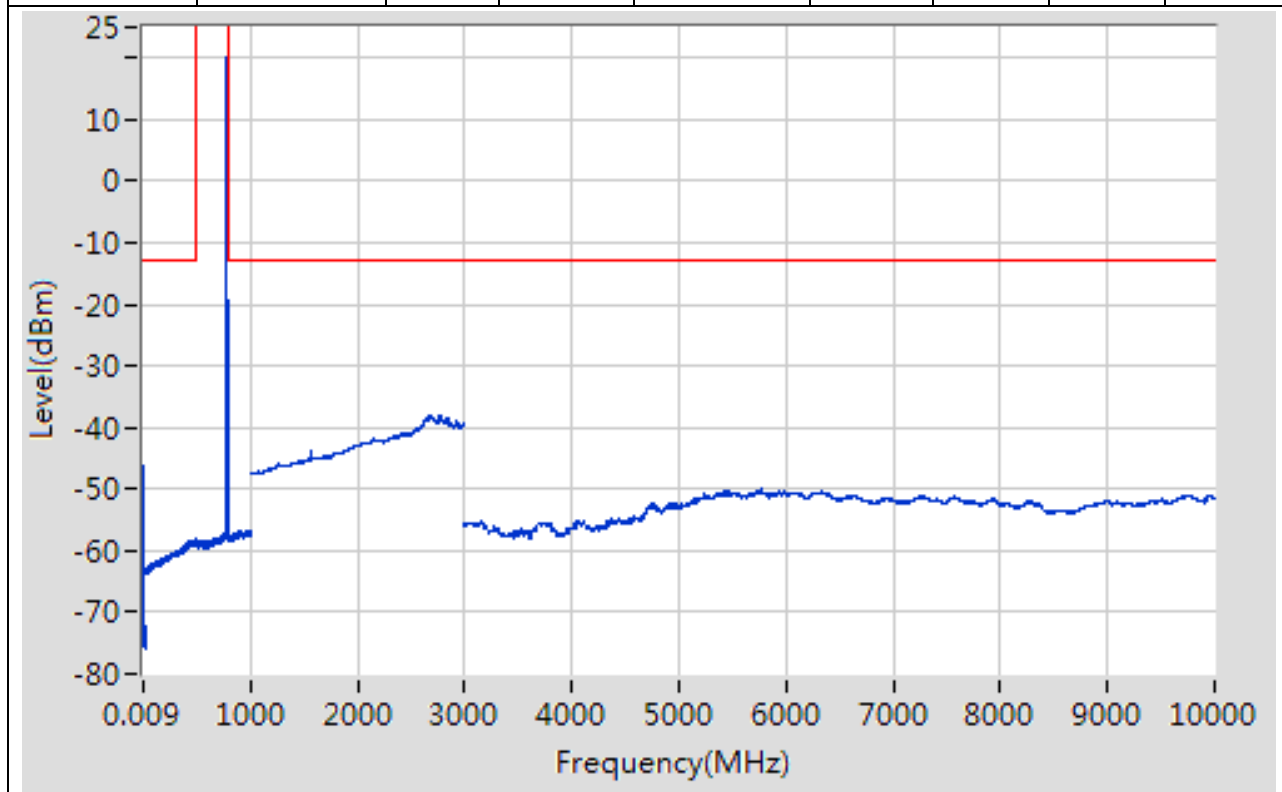
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-47.01	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.66	-13	Pass	2986
30	500	0.1	RMS	493.1	-58.27	-13	Pass	4701
500	795	0.1	RMS	781.7	20.48	60	Pass	2951
795	1000	0.1	RMS	981.7	-56.84	-13	Pass	2051
1000	3000	1	RMS	2670	-38.05	-13	Pass	2001
3000	10000	1	RMS	5770	-49.9	-13	Pass	7001



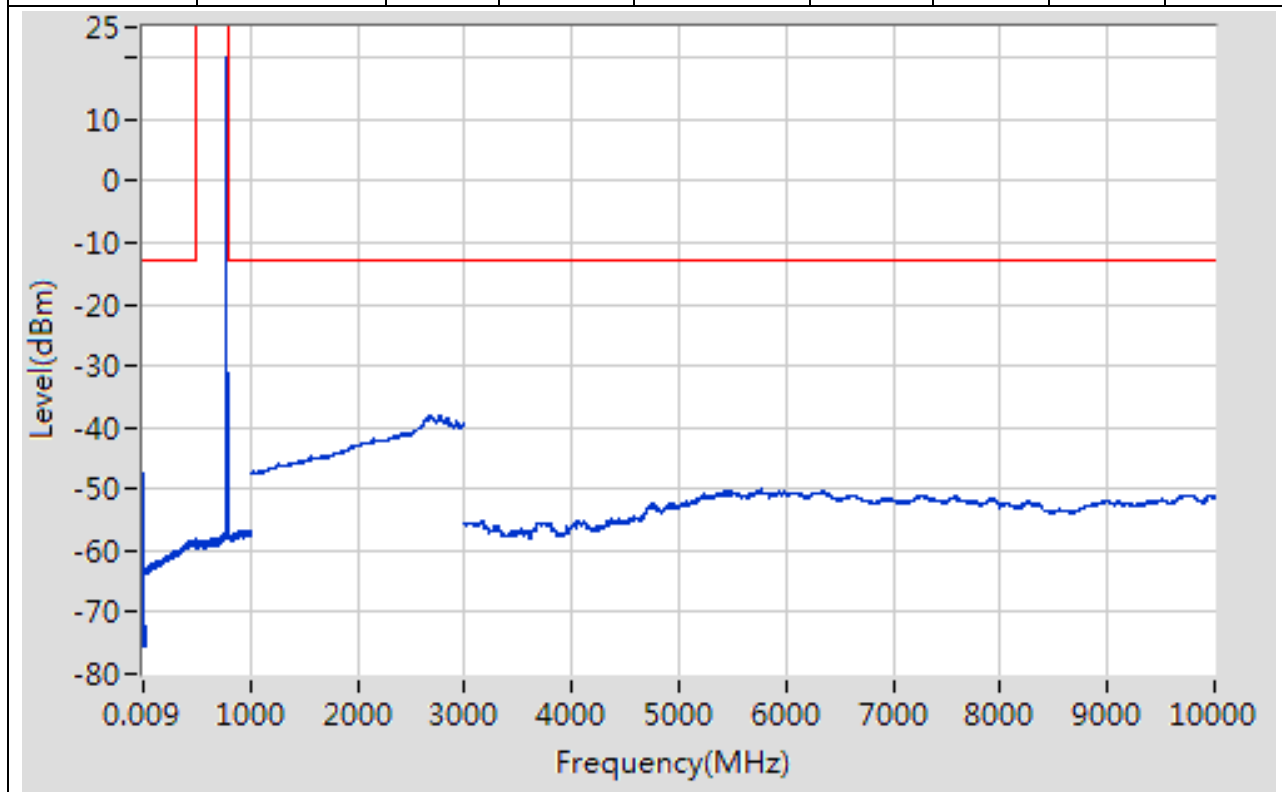
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-46.37	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.46	-13	Pass	2986
30	500	0.1	RMS	496.1	-58.17	-13	Pass	4701
500	795	0.1	RMS	777.3	19.95	60	Pass	2951
795	1000	0.1	RMS	976.3	-56.8	-13	Pass	2051
1000	3000	1	RMS	2670	-38.06	-13	Pass	2001
3000	10000	1	RMS	5771	-49.89	-13	Pass	7001



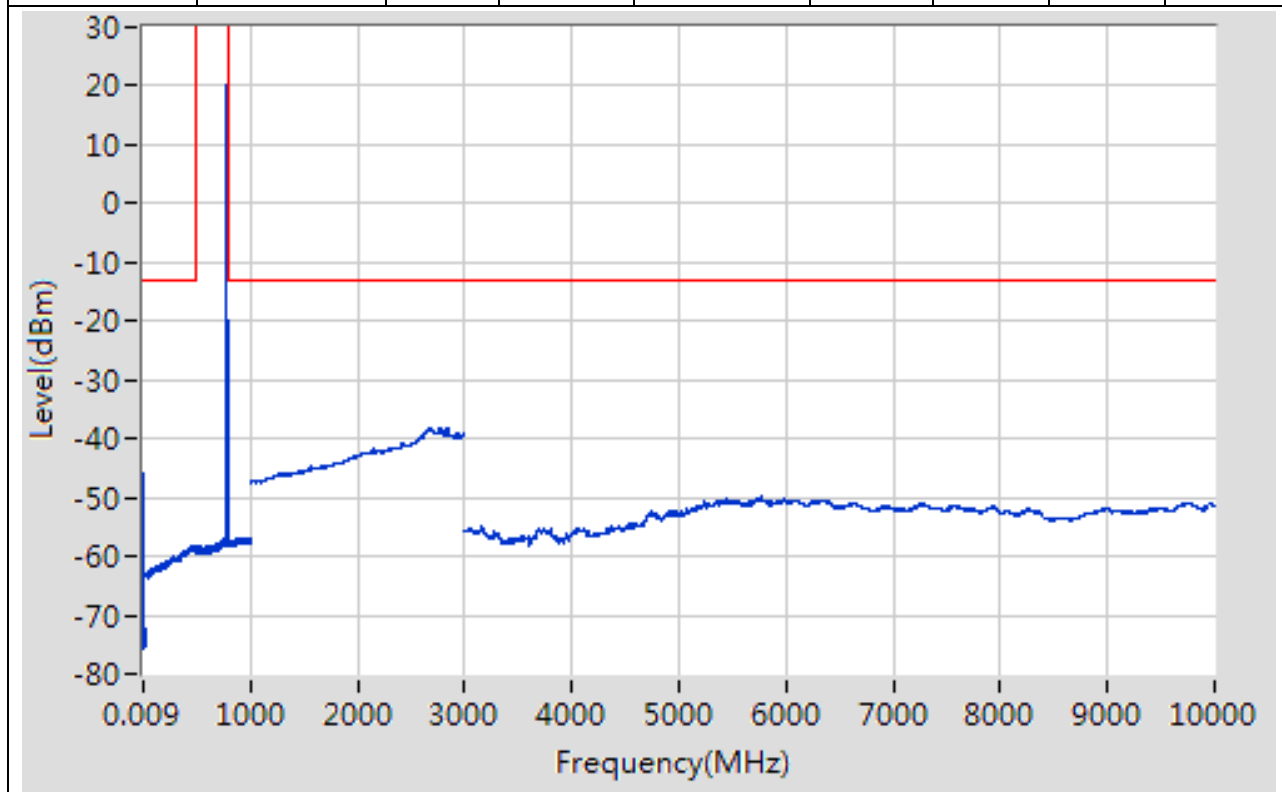
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-47.26	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.67	-13	Pass	2986
30	500	0.1	RMS	499.6	-58.15	-13	Pass	4701
500	795	0.1	RMS	781.7	19.97	60	Pass	2951
795	1000	0.1	RMS	997.8	-56.81	-13	Pass	2051
1000	3000	1	RMS	2670	-37.99	-13	Pass	2001
3000	10000	1	RMS	5768	-49.76	-13	Pass	7001



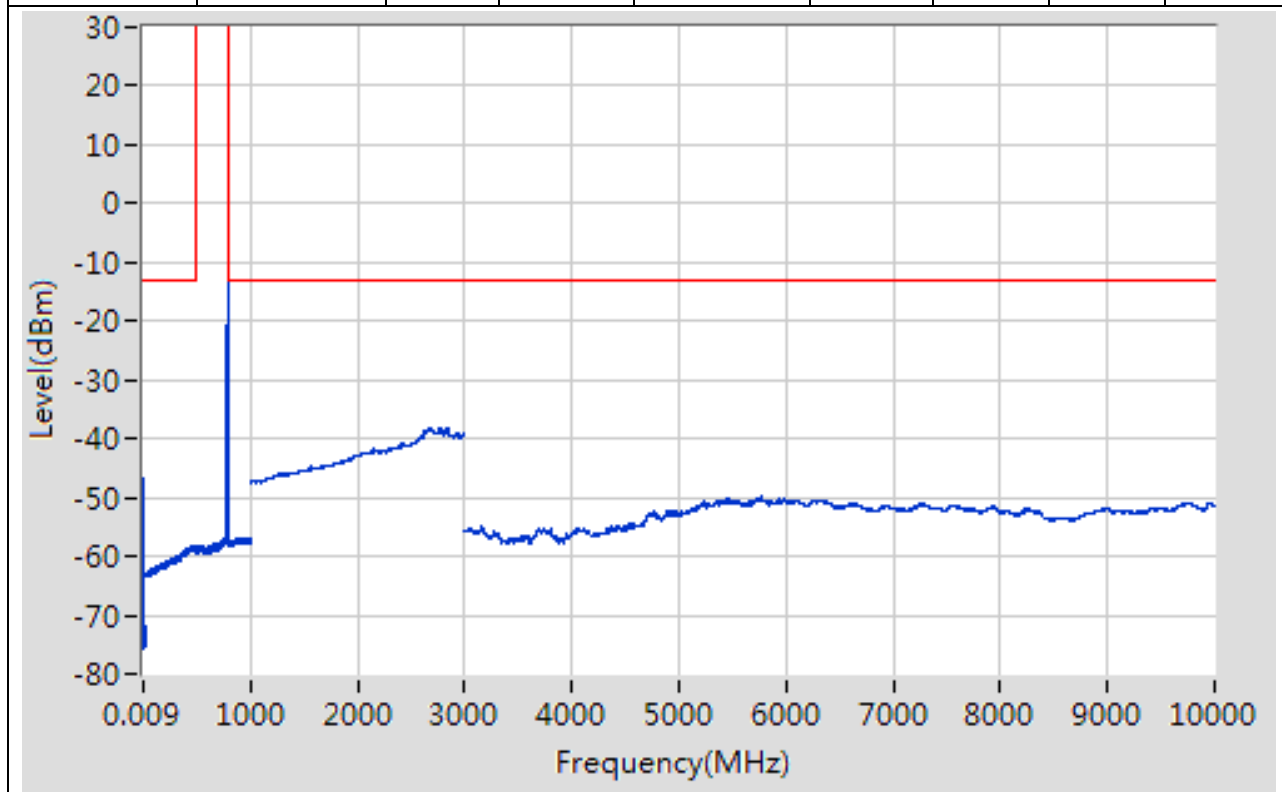
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.95	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.32	-13	Pass	2986
30	500	0.1	RMS	498.5	-58.15	-13	Pass	4701
500	795	0.1	RMS	779.8	20.33	60	Pass	2951
795	1000	0.1	RMS	999.6	-56.82	-13	Pass	2051
1000	3000	1	RMS	2671	-38.05	-13	Pass	2001
3000	10000	1	RMS	5770	-49.82	-13	Pass	7001



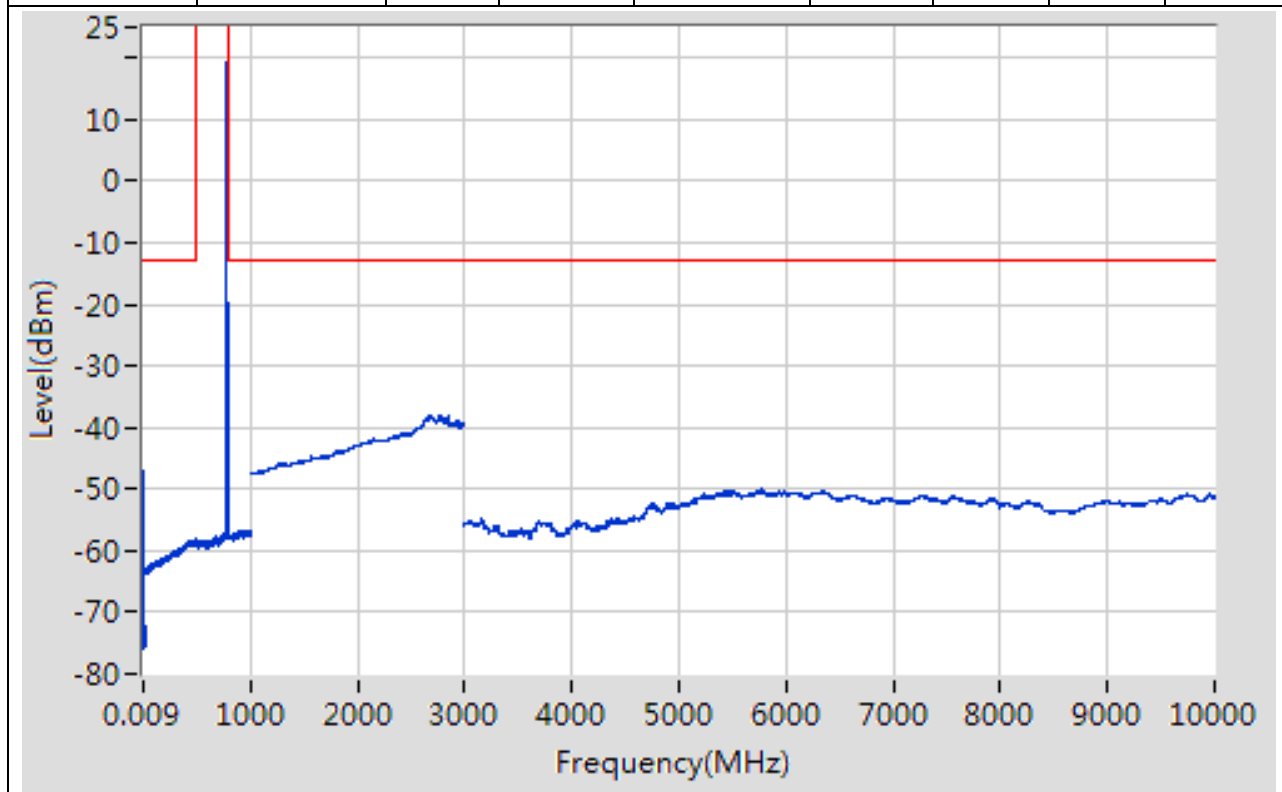
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-46.76	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.34	-13	Pass	2986
30	500	0.1	RMS	463.7	-58.17	-13	Pass	4701
500	795	0.1	RMS	784.2	20.34	60	Pass	2951
795	1000	0.1	RMS	887	-56.77	-13	Pass	2051
1000	3000	1	RMS	2670	-38.02	-13	Pass	2001
3000	10000	1	RMS	5768	-49.86	-13	Pass	7001



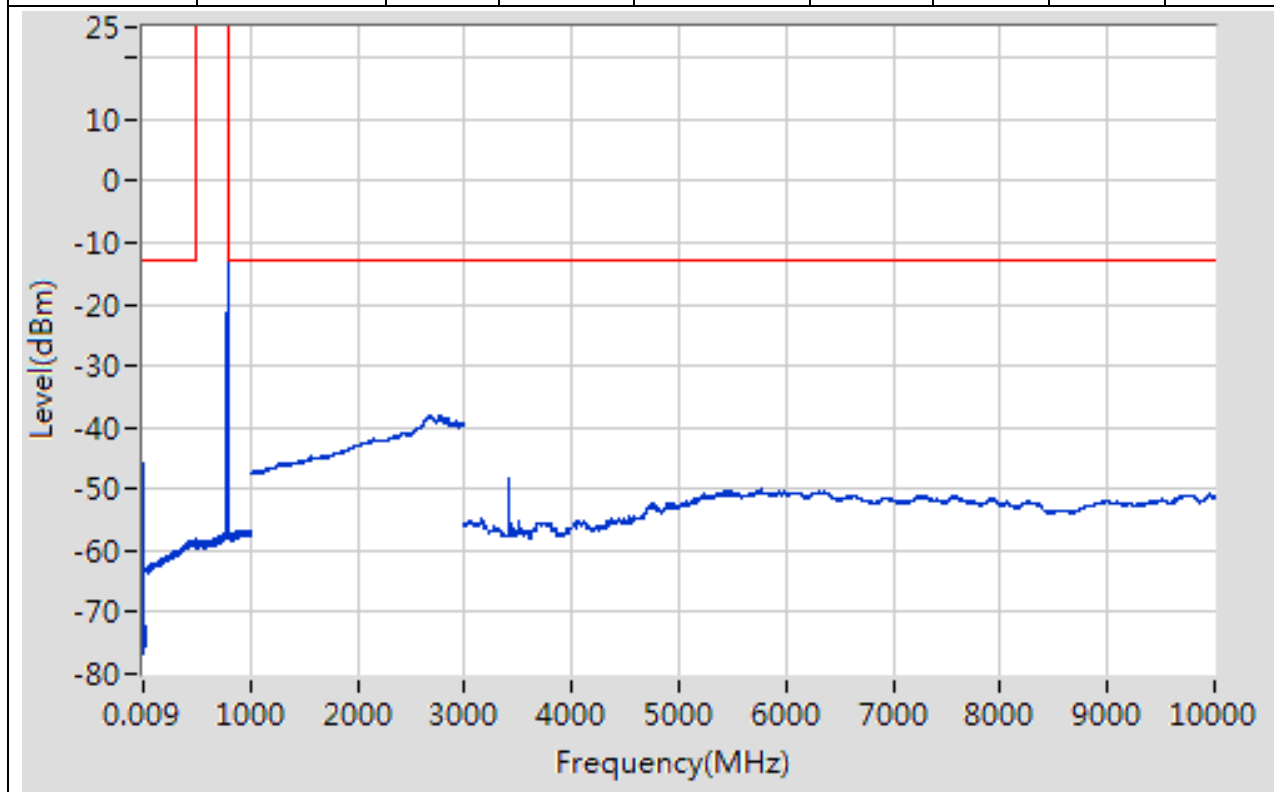
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-46.99	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.3	-13	Pass	2986
30	500	0.1	RMS	498.6	-58.13	-13	Pass	4701
500	795	0.1	RMS	779.8	19.38	60	Pass	2951
795	1000	0.1	RMS	890.7	-56.81	-13	Pass	2051
1000	3000	1	RMS	2669	-37.98	-13	Pass	2001
3000	10000	1	RMS	5770	-49.75	-13	Pass	7001



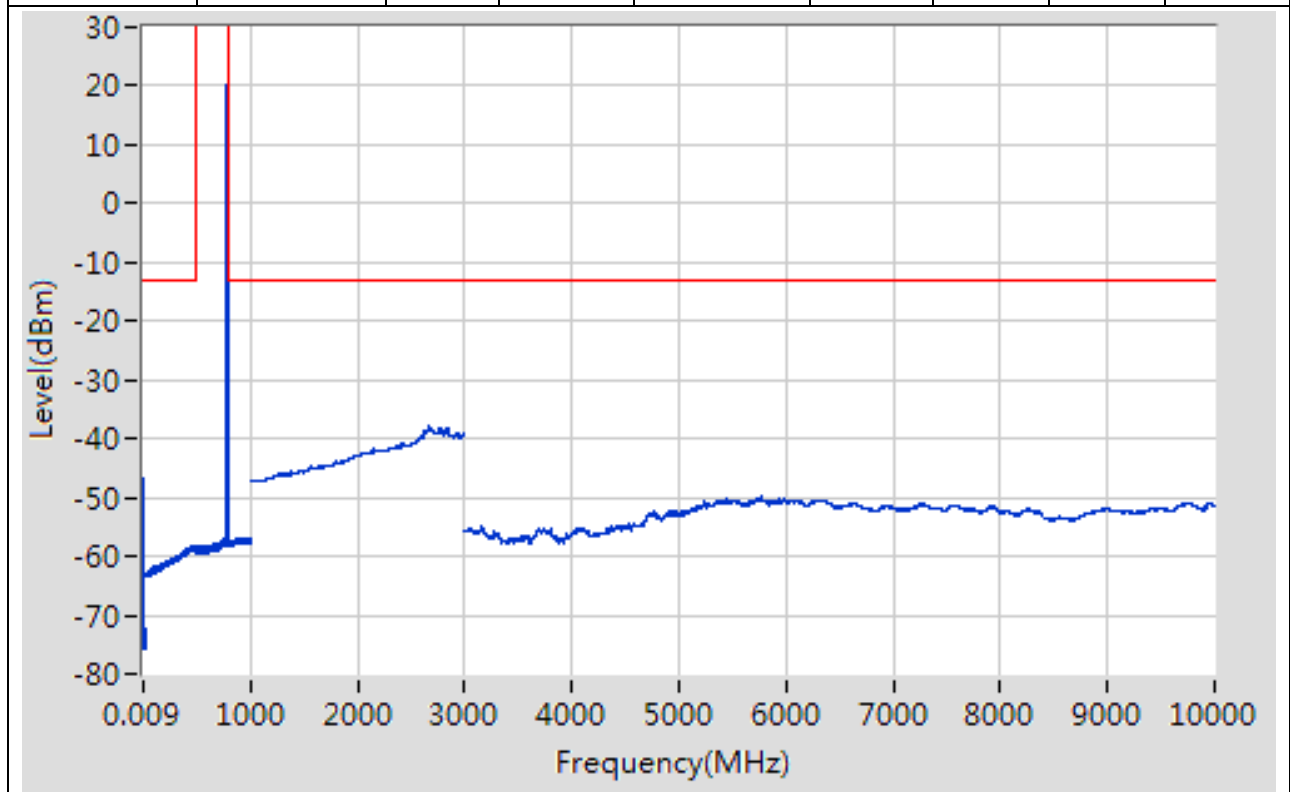
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-45.97	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.33	-13	Pass	2986
30	500	0.1	RMS	495.2	-58.14	-13	Pass	4701
500	795	0.1	RMS	784.2	19.51	60	Pass	2951
795	1000	0.1	RMS	998	-56.77	-13	Pass	2051
1000	3000	1	RMS	2670	-38.02	-13	Pass	2001
3000	10000	1	RMS	3418	-48.1	-13	Pass	7001



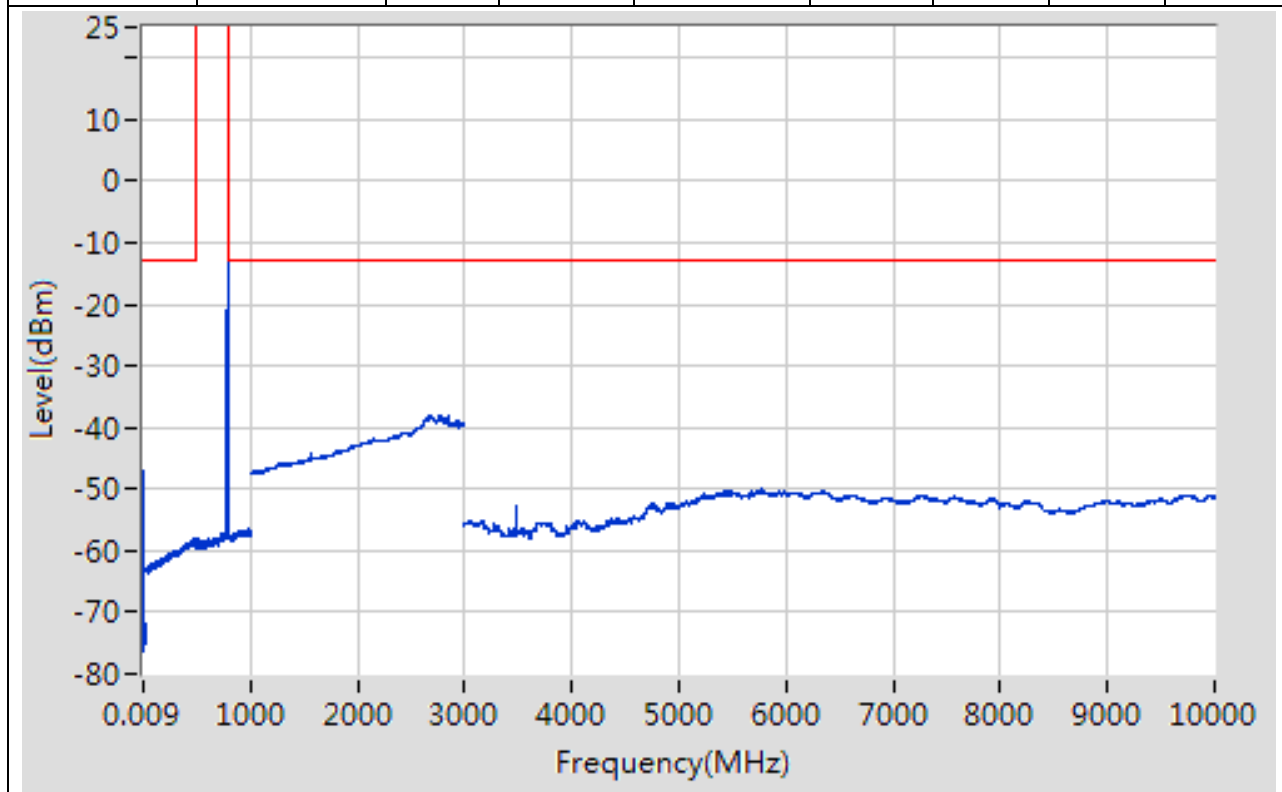
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-46.8	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.01	-13	Pass	2986
30	500	0.1	RMS	497.2	-58.24	-13	Pass	4701
500	795	0.1	RMS	782.3	20.32	60	Pass	2951
795	1000	0.1	RMS	991.3	-56.78	-13	Pass	2051
1000	3000	1	RMS	2669	-37.97	-13	Pass	2001
3000	10000	1	RMS	5769	-49.83	-13	Pass	7001



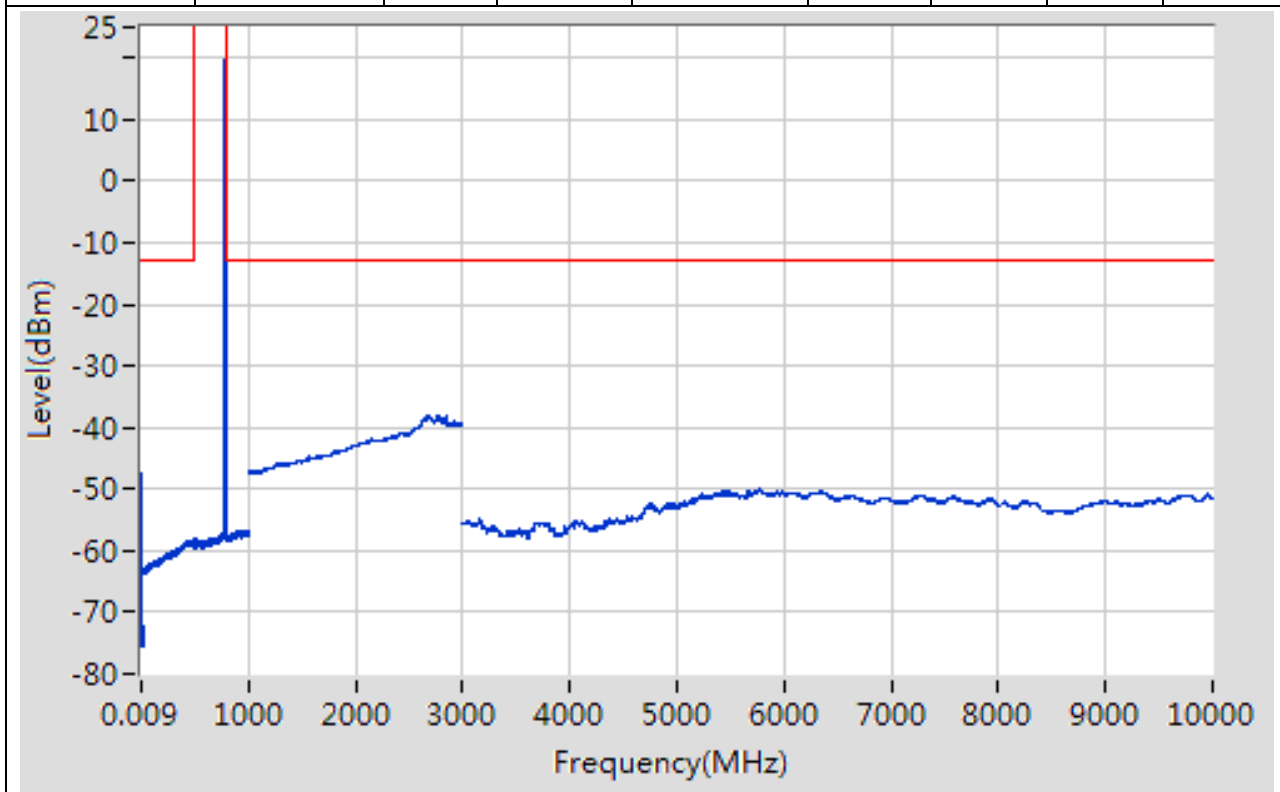
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	0.01	-47.18	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.56	-13	Pass	2986
30	500	0.1	RMS	496.2	-58.08	-13	Pass	4701
500	795	0.1	RMS	786.7	19.83	60	Pass	2951
795	1000	0.1	RMS	795.3	-33.07	-13	Pass	2051
1000	3000	1	RMS	2670	-37.96	-13	Pass	2001
3000	10000	1	RMS	5771	-49.85	-13	Pass	7001



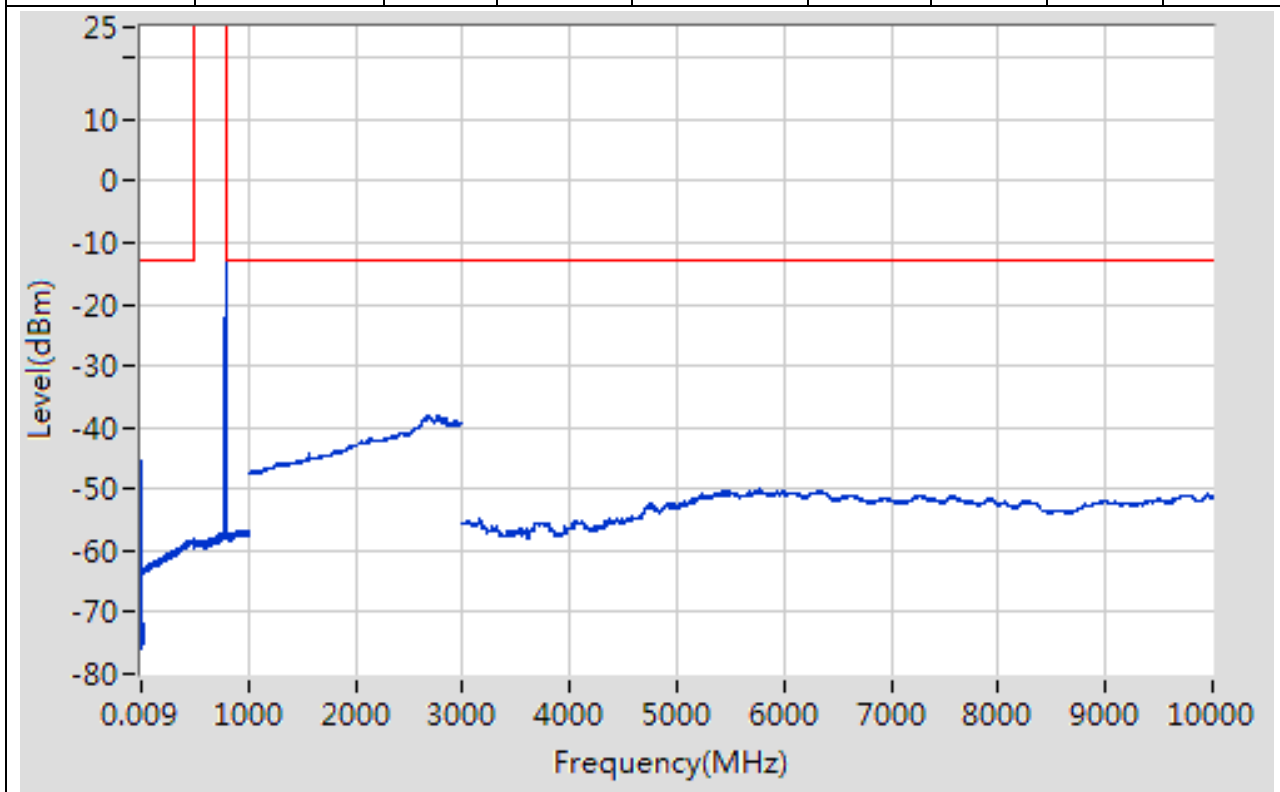
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-47.51	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.11	-13	Pass	2986
30	500	0.1	RMS	497.3	-58.17	-13	Pass	4701
500	795	0.1	RMS	782.3	19.59	60	Pass	2951
795	1000	0.1	RMS	996.9	-56.8	-13	Pass	2051
1000	3000	1	RMS	2669	-37.98	-13	Pass	2001
3000	10000	1	RMS	5770	-49.85	-13	Pass	7001



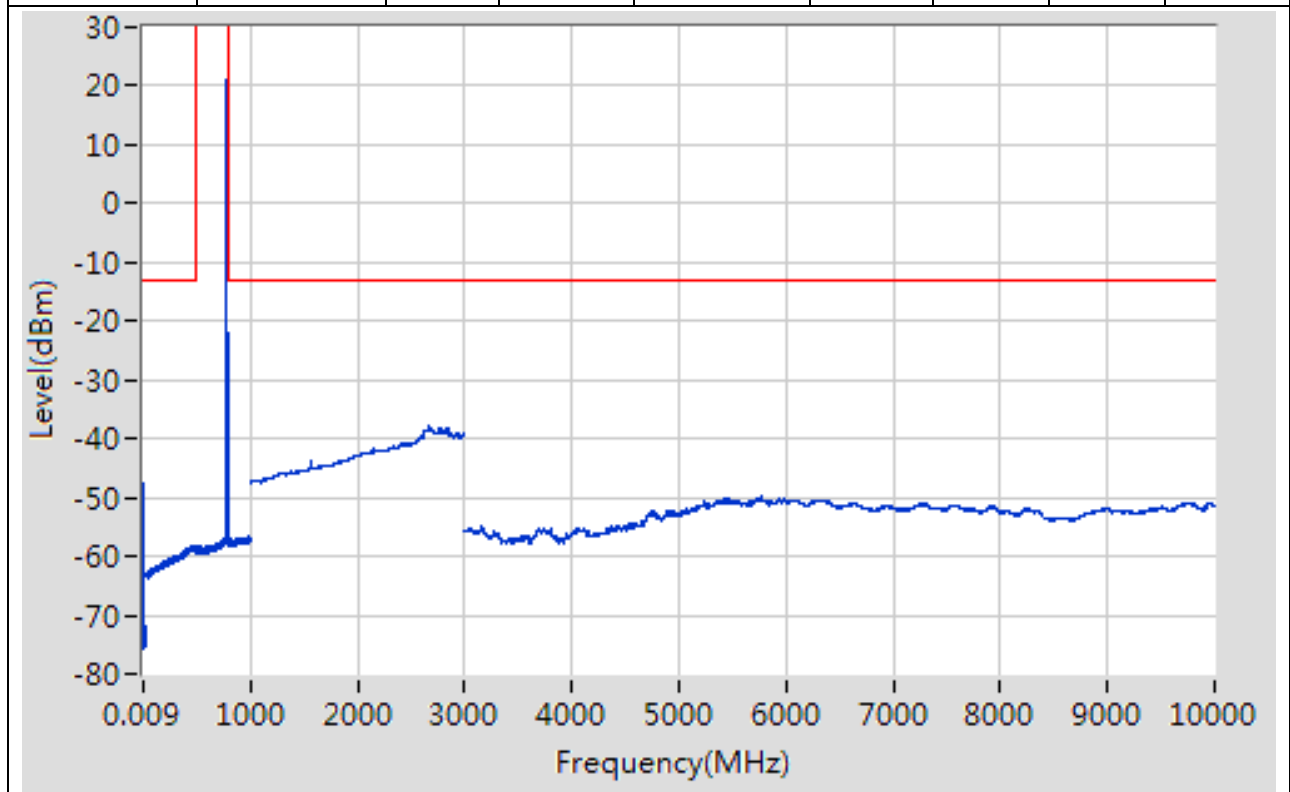
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-45.37	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.52	-13	Pass	2986
30	500	0.1	RMS	498	-58.22	-13	Pass	4701
500	795	0.1	RMS	786.7	19.25	60	Pass	2951
795	1000	0.1	RMS	795.3	-34.84	-13	Pass	2051
1000	3000	1	RMS	2671	-37.95	-13	Pass	2001
3000	10000	1	RMS	5770	-49.82	-13	Pass	7001



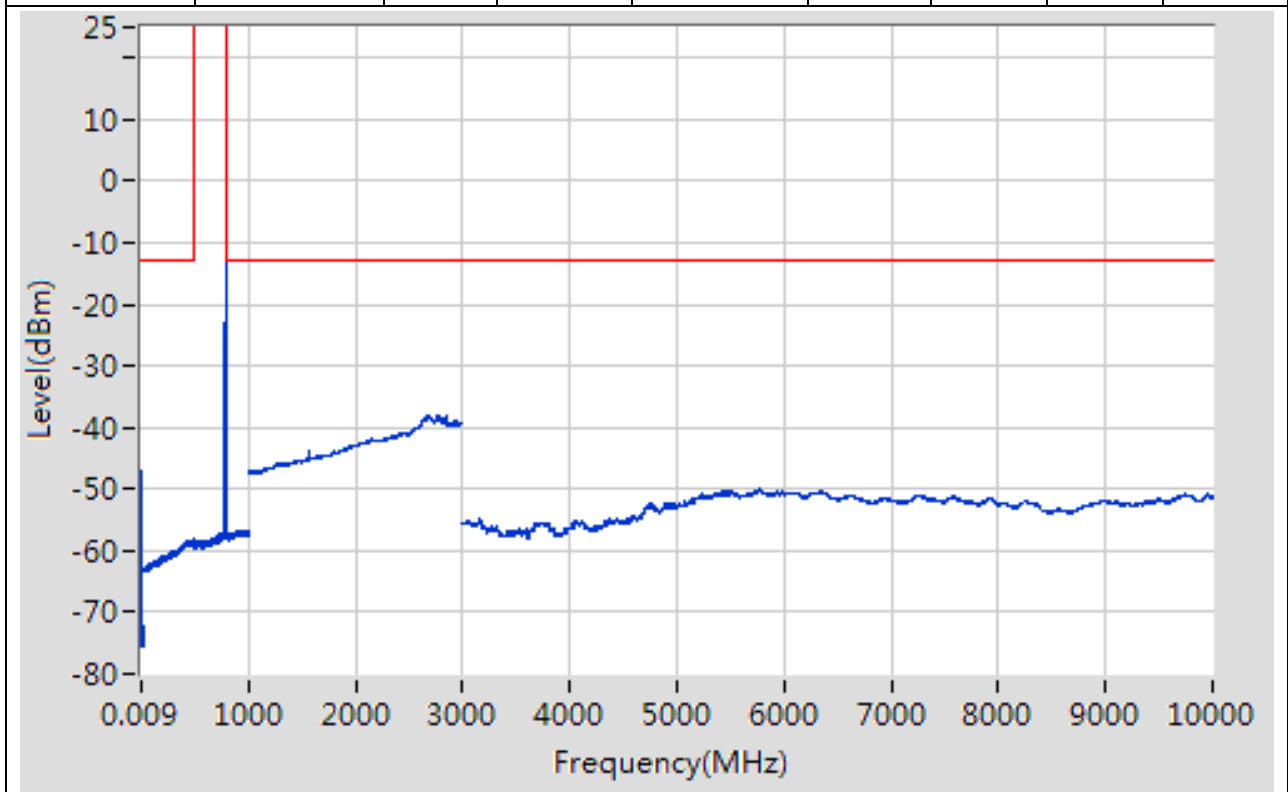
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-47.59	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.94	-13	Pass	2986
30	500	0.1	RMS	498.9	-58.09	-13	Pass	4701
500	795	0.1	RMS	777.6	20.84	60	Pass	2951
795	1000	0.1	RMS	795.2	-21.99	-13	Pass	2051
1000	3000	1	RMS	2668	-37.95	-13	Pass	2001
3000	10000	1	RMS	5770	-49.8	-13	Pass	7001



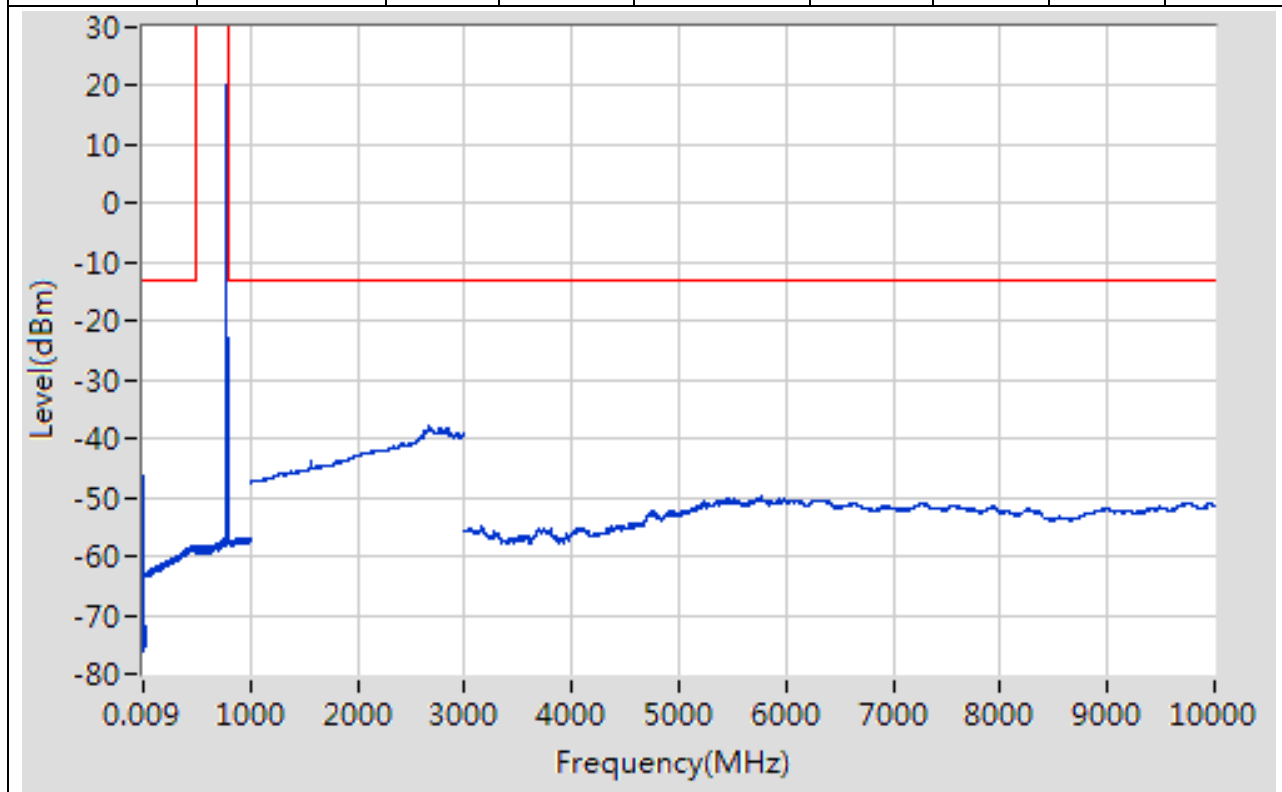
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-46.88	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.83	-13	Pass	2986
30	500	0.1	RMS	493.6	-58.14	-13	Pass	4701
500	795	0.1	RMS	786.4	19.93	60	Pass	2951
795	1000	0.1	RMS	795.2	-54.03	-13	Pass	2051
1000	3000	1	RMS	2670	-37.96	-13	Pass	2001
3000	10000	1	RMS	5770	-49.84	-13	Pass	7001



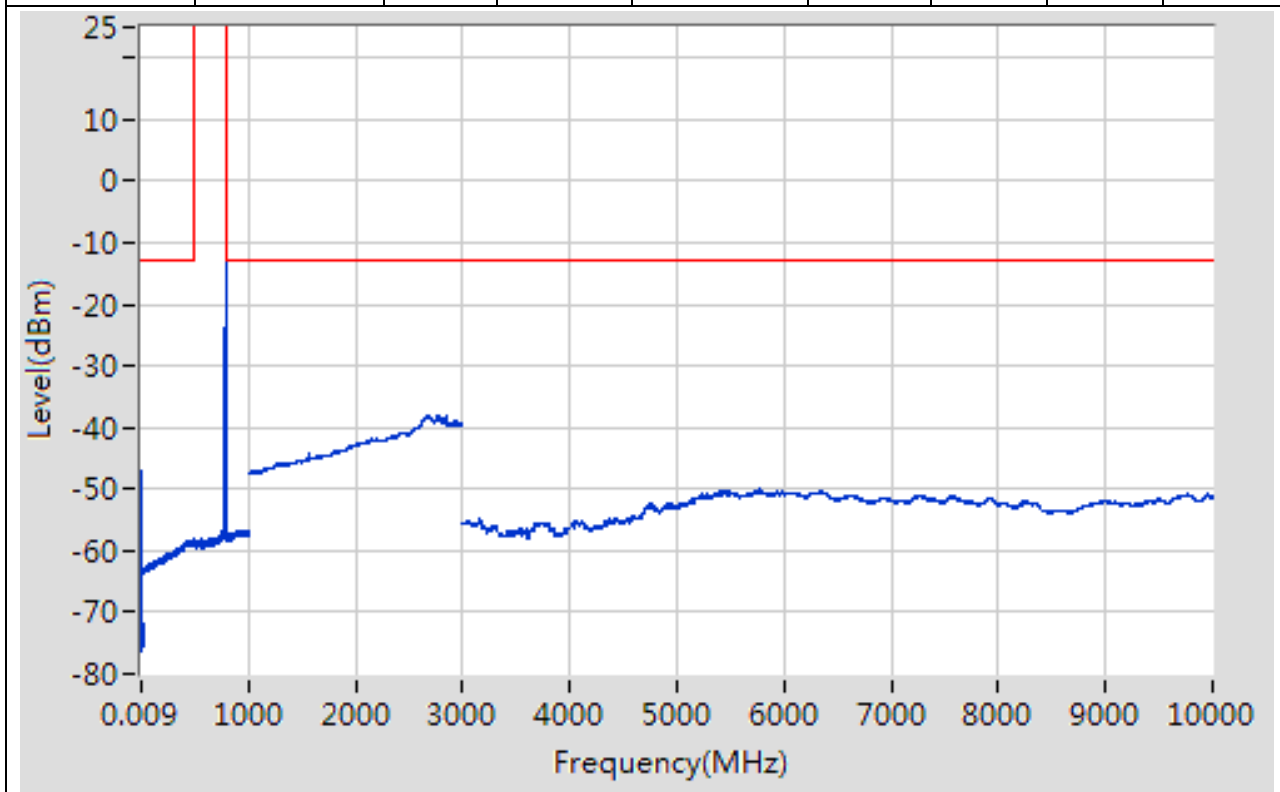
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.01	-46.41	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.65	-13	Pass	2986
30	500	0.1	RMS	499.2	-58.07	-13	Pass	4701
500	795	0.1	RMS	777.6	20.14	60	Pass	2951
795	1000	0.1	RMS	795.2	-22.71	-13	Pass	2051
1000	3000	1	RMS	2672	-37.96	-13	Pass	2001
3000	10000	1	RMS	5768	-49.82	-13	Pass	7001



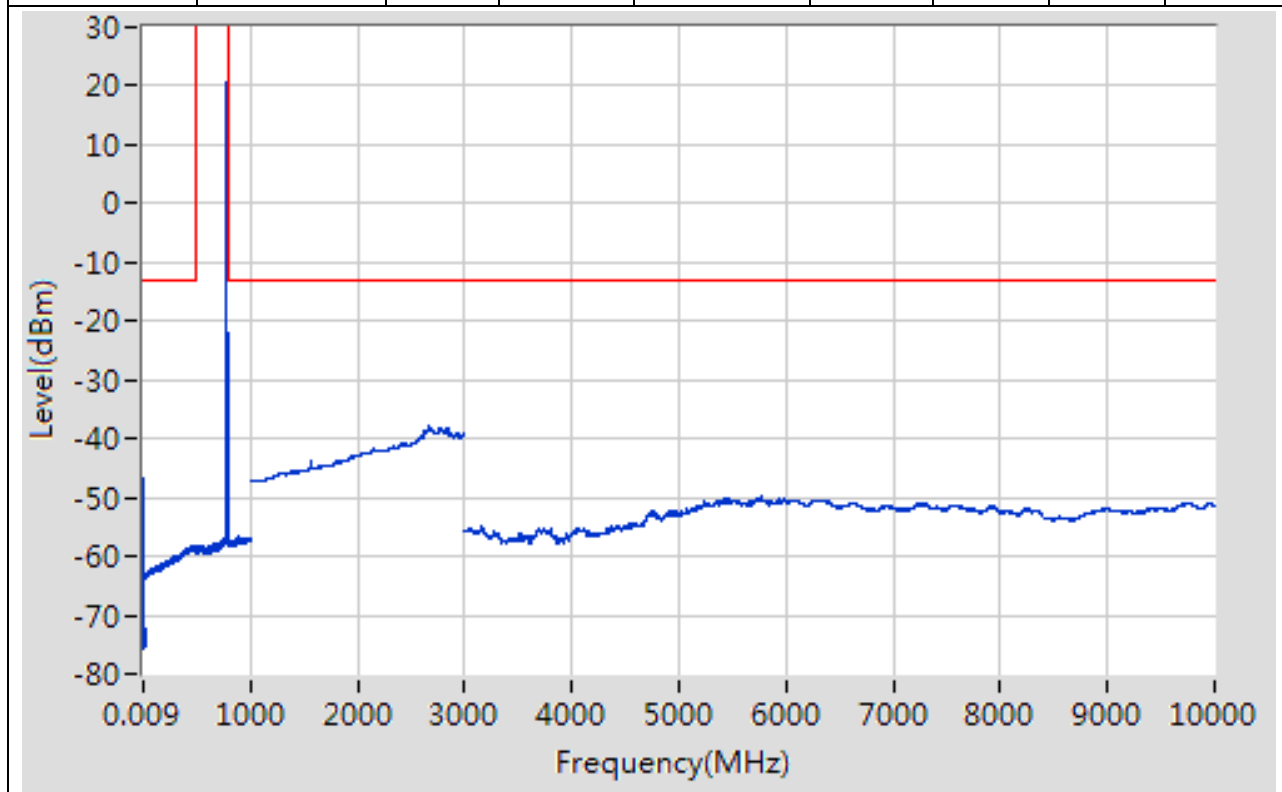
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-46.96	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.37	-13	Pass	2986
30	500	0.1	RMS	499.2	-58.03	-13	Pass	4701
500	795	0.1	RMS	786.4	19.16	60	Pass	2951
795	1000	0.1	RMS	795.3	-53.66	-13	Pass	2051
1000	3000	1	RMS	2668	-37.92	-13	Pass	2001
3000	10000	1	RMS	5769	-49.82	-13	Pass	7001



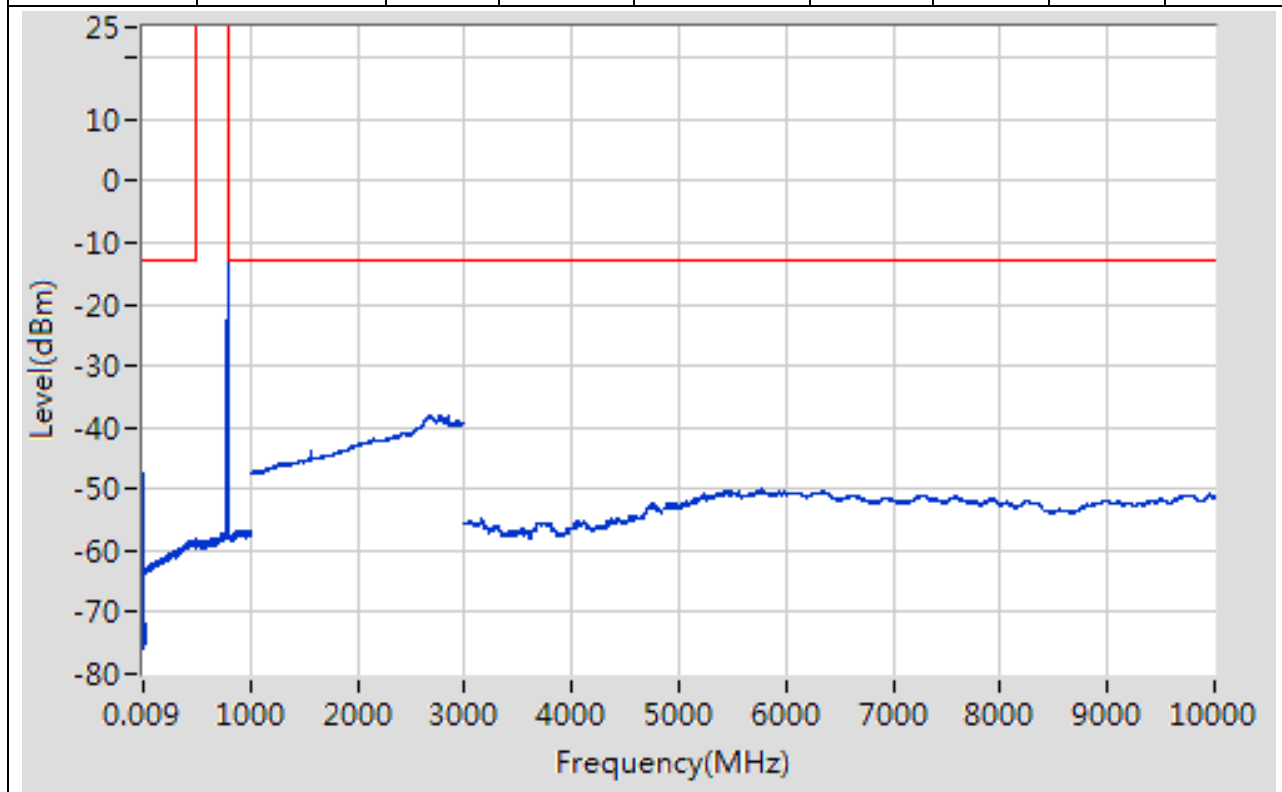
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-46.84	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.13	-13	Pass	2986
30	500	0.1	RMS	499.6	-58.22	-13	Pass	4701
500	795	0.1	RMS	777.6	20.68	60	Pass	2951
795	1000	0.1	RMS	795.2	-22.11	-13	Pass	2051
1000	3000	1	RMS	2670	-37.94	-13	Pass	2001
3000	10000	1	RMS	5770	-49.78	-13	Pass	7001



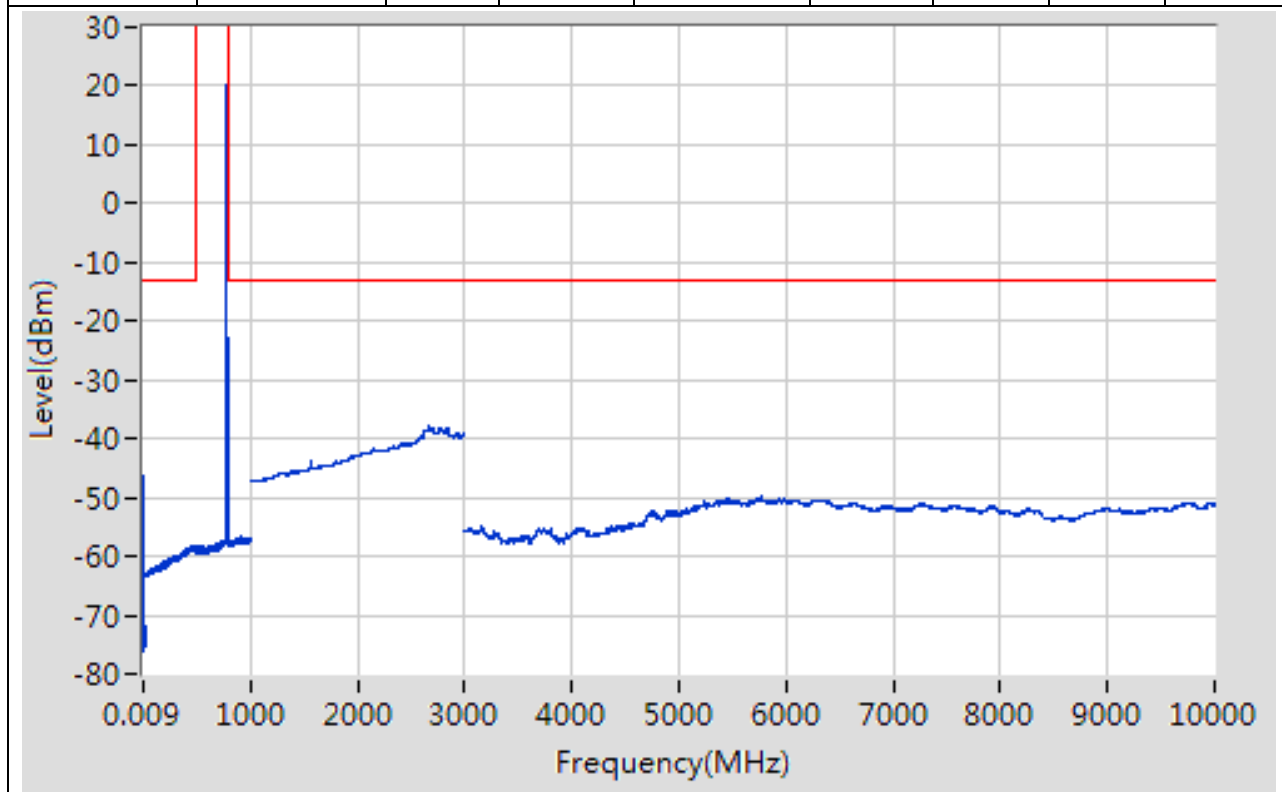
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-47.56	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.96	-13	Pass	2986
30	500	0.1	RMS	499.8	-58.08	-13	Pass	4701
500	795	0.1	RMS	786.4	19.95	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.92	-13	Pass	2051
1000	3000	1	RMS	2668	-37.98	-13	Pass	2001
3000	10000	1	RMS	5770	-49.81	-13	Pass	7001



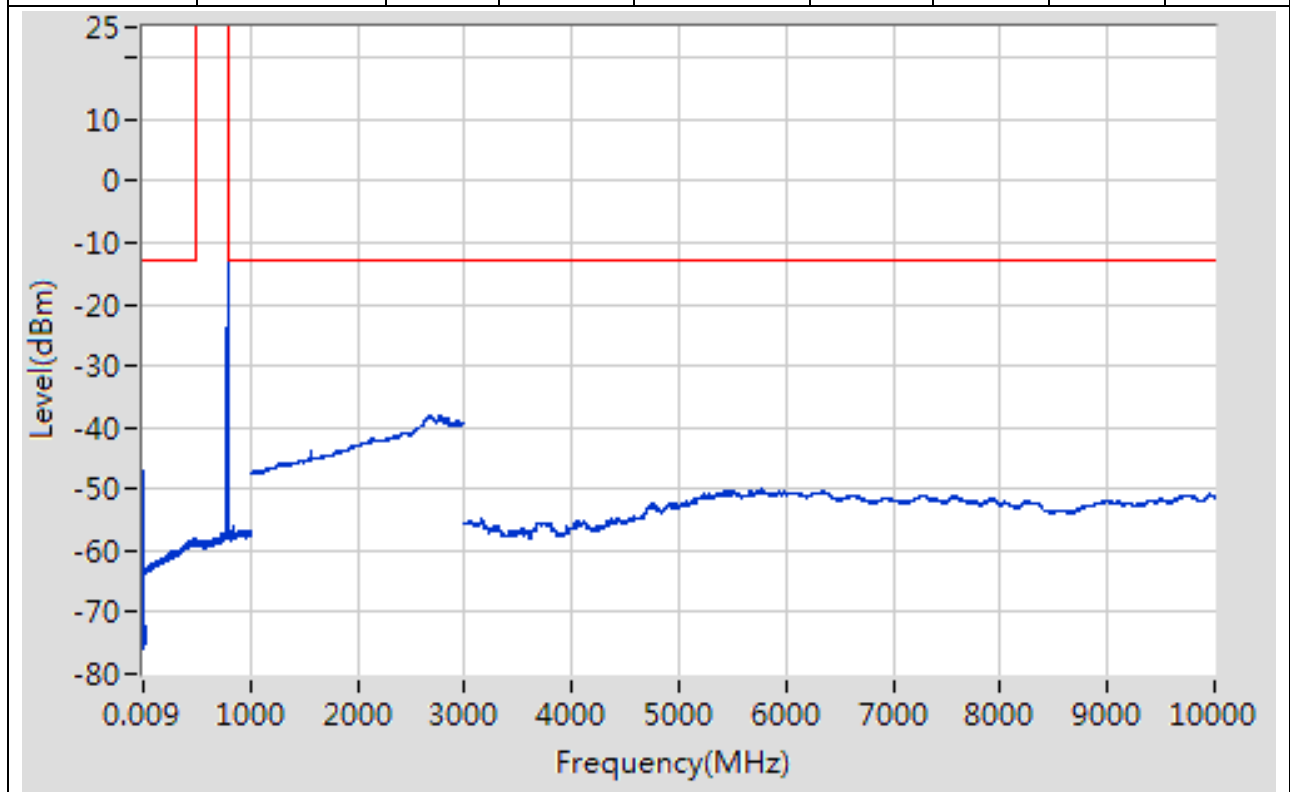
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-46.31	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.87	-13	Pass	2986
30	500	0.1	RMS	489.2	-58.18	-13	Pass	4701
500	795	0.1	RMS	777.6	20.15	60	Pass	2951
795	1000	0.1	RMS	795.2	-22.88	-13	Pass	2051
1000	3000	1	RMS	2669	-37.94	-13	Pass	2001
3000	10000	1	RMS	5769	-49.84	-13	Pass	7001



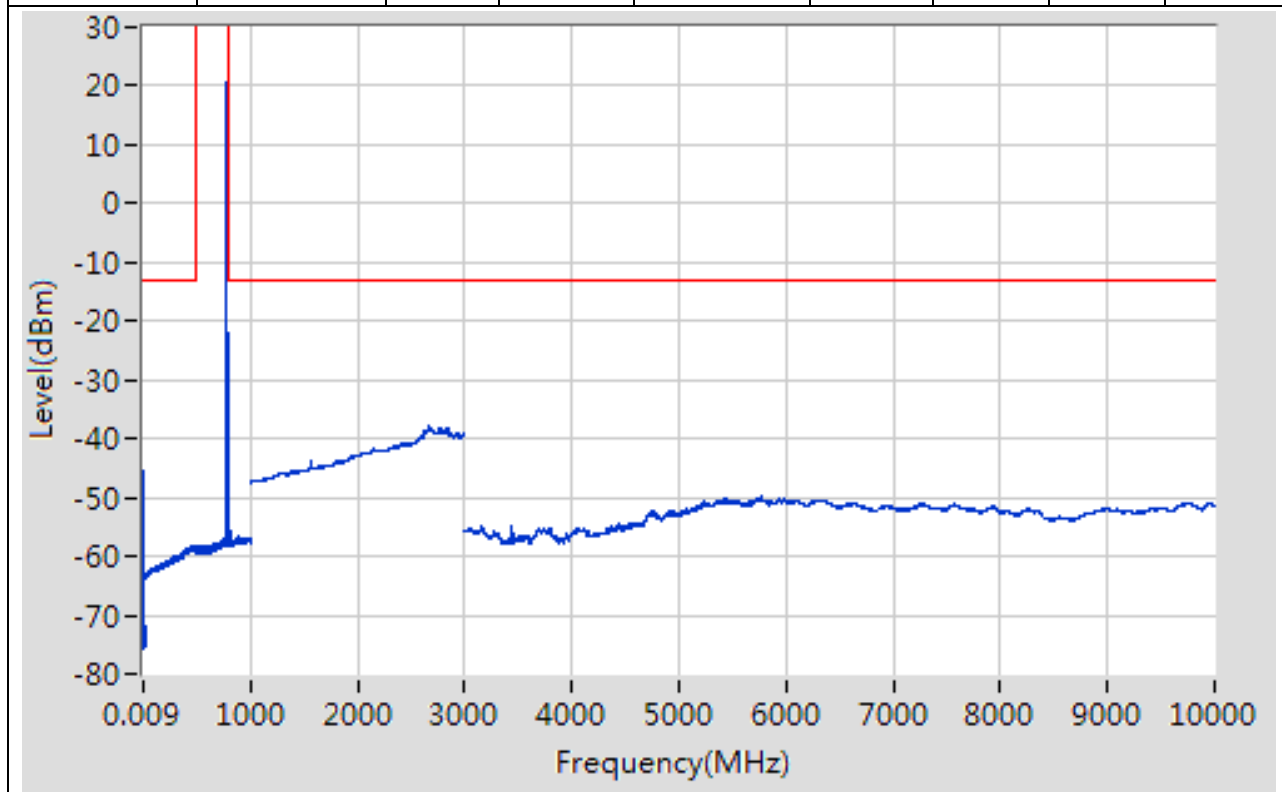
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-47.08	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.15	-13	Pass	2986
30	500	0.1	RMS	497.2	-58.16	-13	Pass	4701
500	795	0.1	RMS	786.4	19.38	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.64	-13	Pass	2051
1000	3000	1	RMS	2668	-37.96	-13	Pass	2001
3000	10000	1	RMS	5769	-49.83	-13	Pass	7001



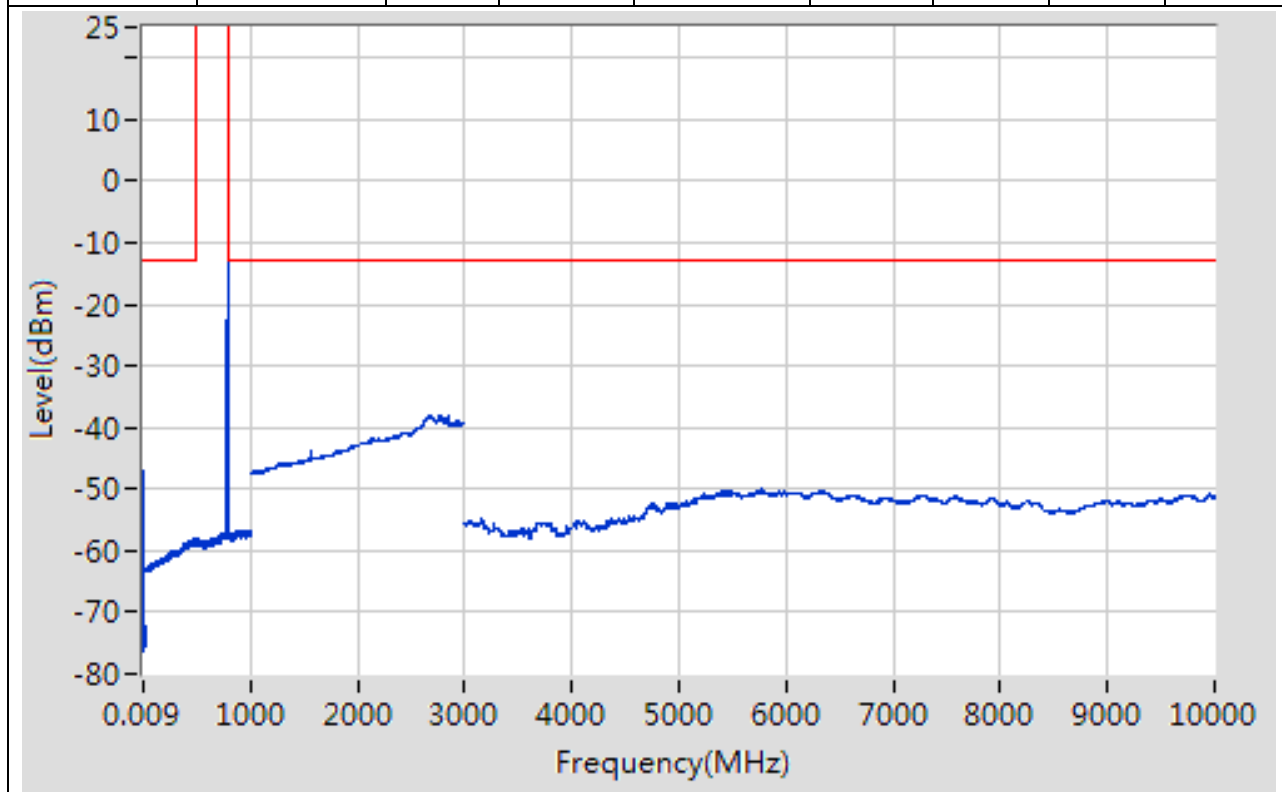
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.56	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.52	-13	Pass	2986
30	500	0.1	RMS	492.9	-58.14	-13	Pass	4701
500	795	0.1	RMS	777.6	20.78	60	Pass	2951
795	1000	0.1	RMS	795.2	-22.03	-13	Pass	2051
1000	3000	1	RMS	2668	-37.95	-13	Pass	2001
3000	10000	1	RMS	5768	-49.83	-13	Pass	7001



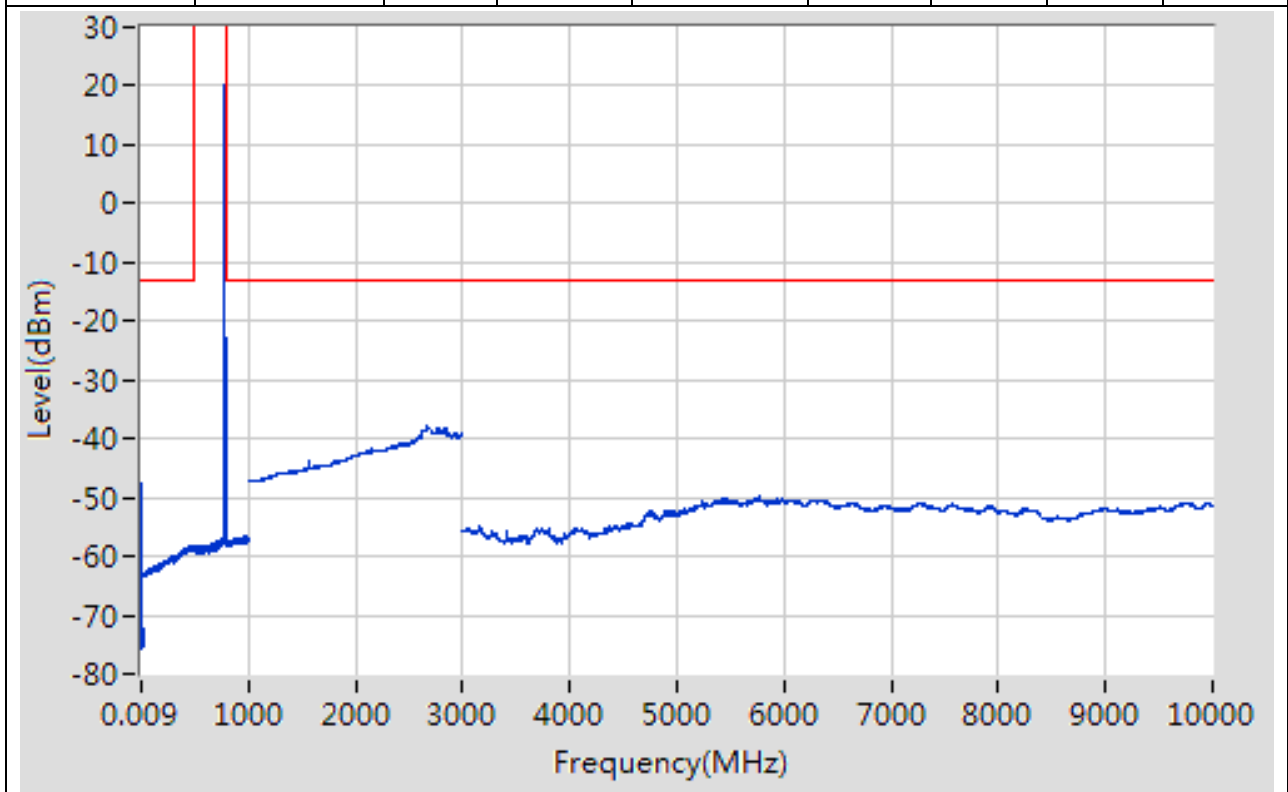
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-47.17	-13	Pass	401
0.15	30	0.01	RMS	0.15	-50.72	-13	Pass	2986
30	500	0.1	RMS	493.8	-58.11	-13	Pass	4701
500	795	0.1	RMS	786.4	19.94	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.96	-13	Pass	2051
1000	3000	1	RMS	2670	-37.98	-13	Pass	2001
3000	10000	1	RMS	5770	-49.79	-13	Pass	7001



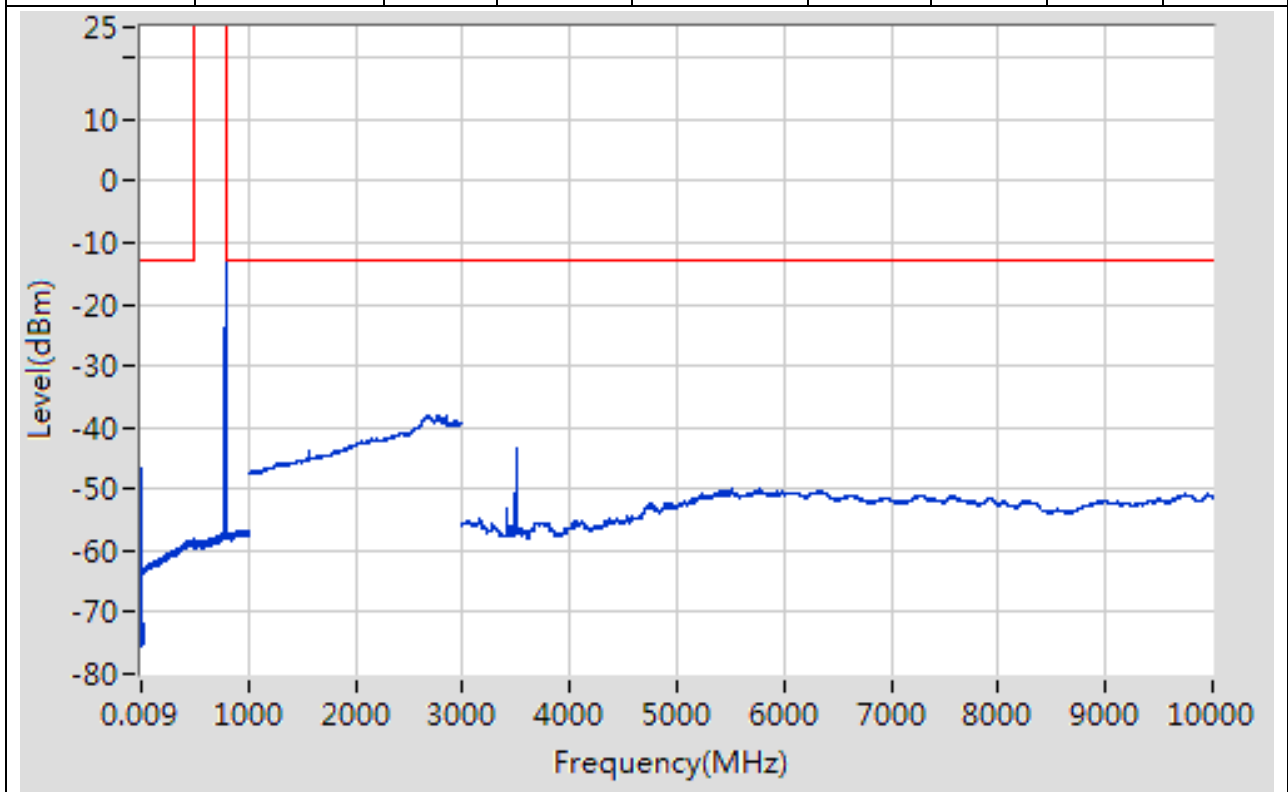
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-47.76	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.49	-13	Pass	2986
30	500	0.1	RMS	467.2	-58.11	-13	Pass	4701
500	795	0.1	RMS	777.6	20.03	60	Pass	2951
795	1000	0.1	RMS	795.2	-22.68	-13	Pass	2051
1000	3000	1	RMS	2668	-37.95	-13	Pass	2001
3000	10000	1	RMS	5770	-49.77	-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	-46.45	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.84	-13	Pass	2986
30	500	0.1	RMS	498.8	-58.14	-13	Pass	4701
500	795	0.1	RMS	786.4	19.33	60	Pass	2951
795	1000	0.1	RMS	795.2	-54	-13	Pass	2051
1000	3000	1	RMS	2669	-37.95	-13	Pass	2001
3000	10000	1	RMS	3498	-43.4	-13	Pass	7001



END