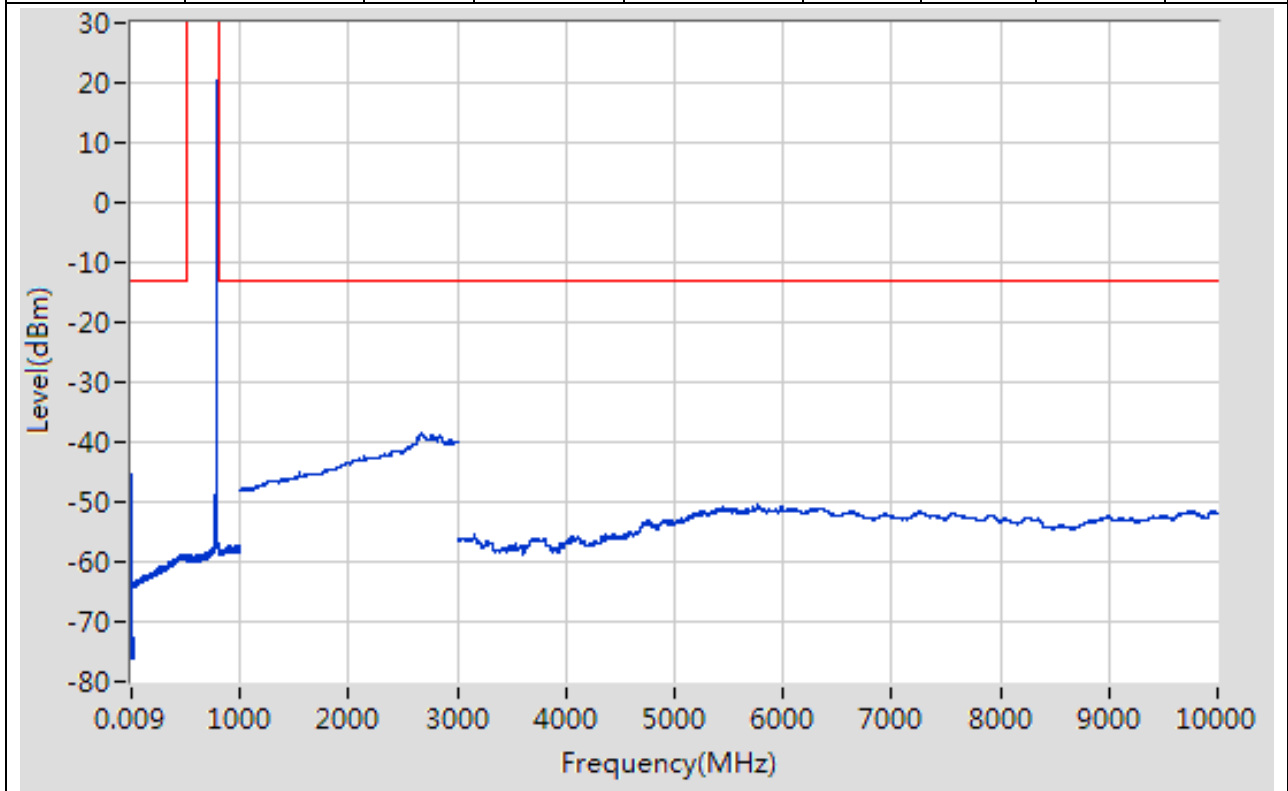


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

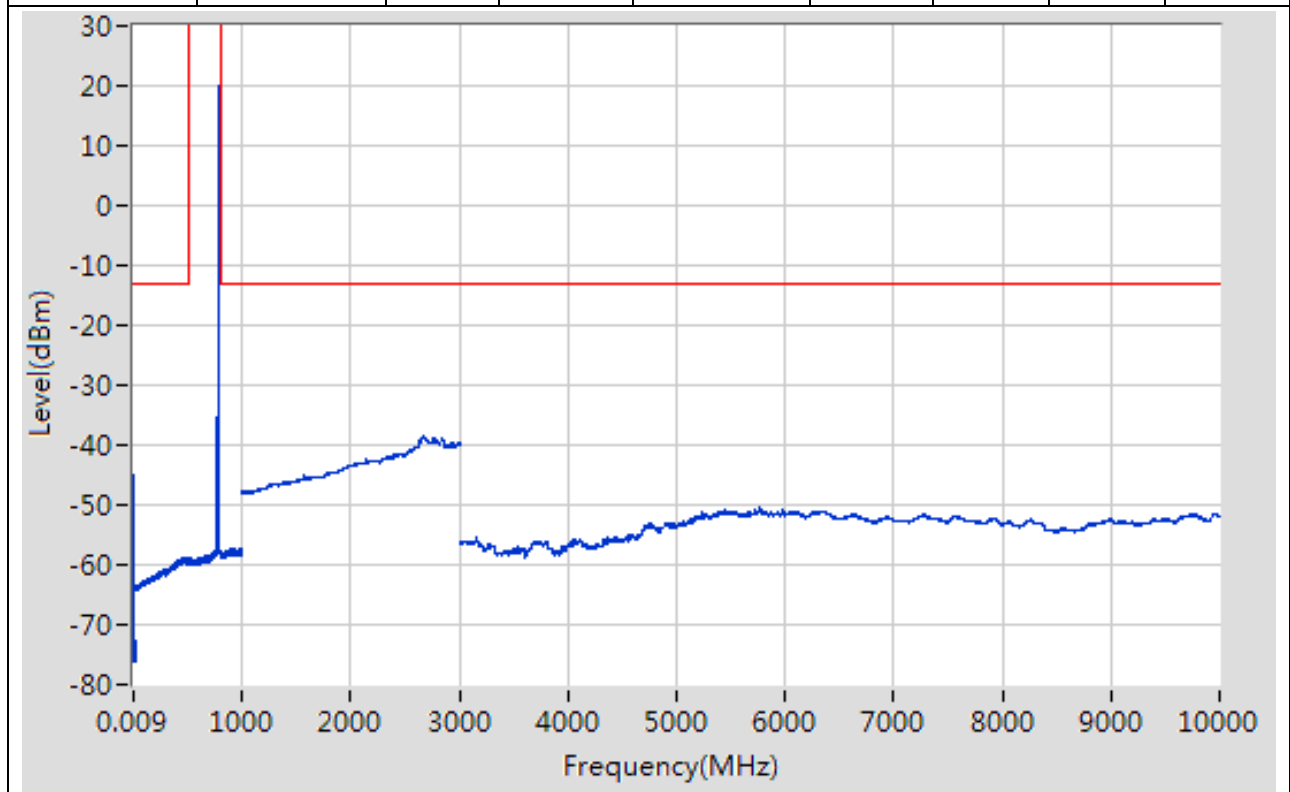
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49.56	-13	Pass	401
0.15	30	0.01	RMS	0.16	-45.34	-13	Pass	2986
30	500	0.1	RMS	496.7	-58.75	-13	Pass	4701
500	795	0.1	RMS	777.3	20.51	60	Pass	2951
795	1000	0.1	RMS	910.4	-57.37	-13	Pass	2051
1000	3000	1	RMS	2670	-38.57	-13	Pass	2001
3000	10000	1	RMS	5768	-50.46	-13	Pass	7001



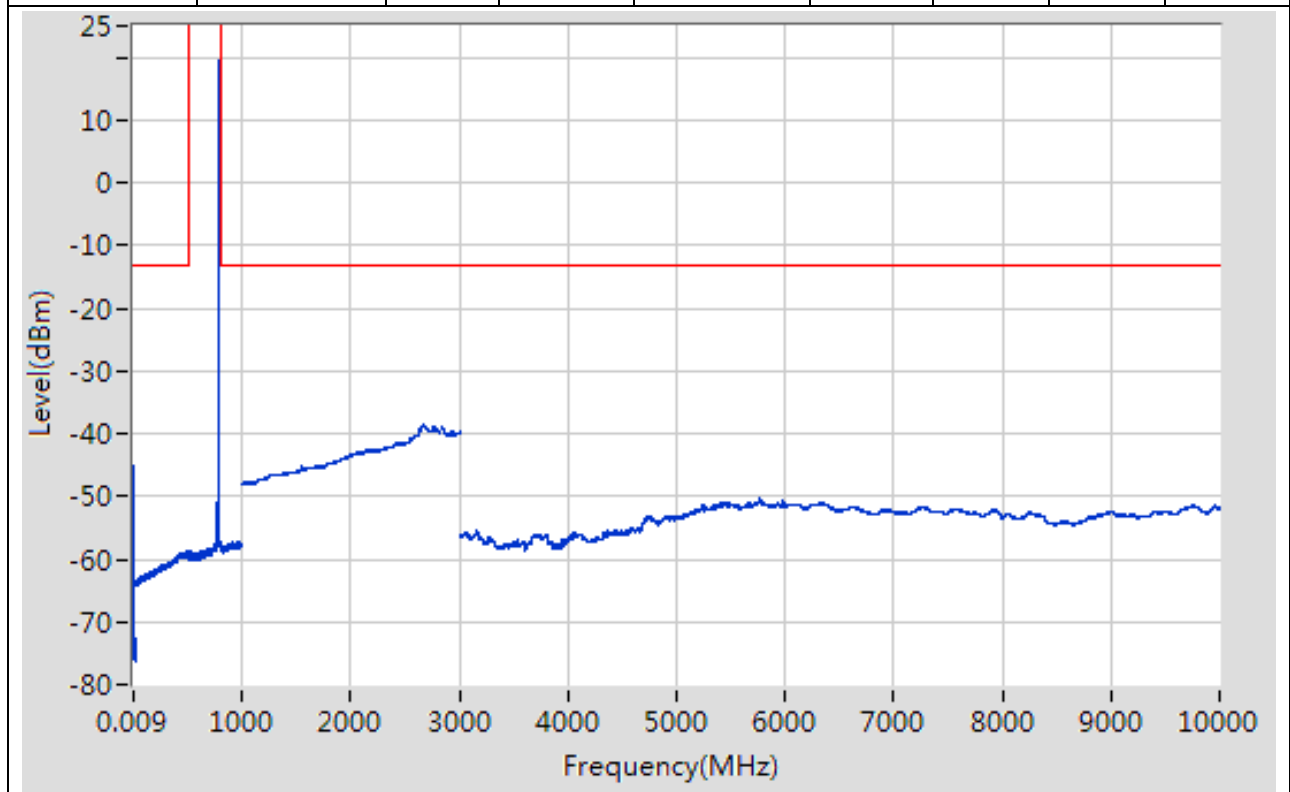
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-49.39	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.1	-13	Pass	2986
30	500	0.1	RMS	459.3	-58.71	-13	Pass	4701
500	795	0.1	RMS	781.7	20.05	60	Pass	2951
795	1000	0.1	RMS	997	-57.32	-13	Pass	2051
1000	3000	1	RMS	2670	-38.57	-13	Pass	2001
3000	10000	1	RMS	5764	-50.48	-13	Pass	7001



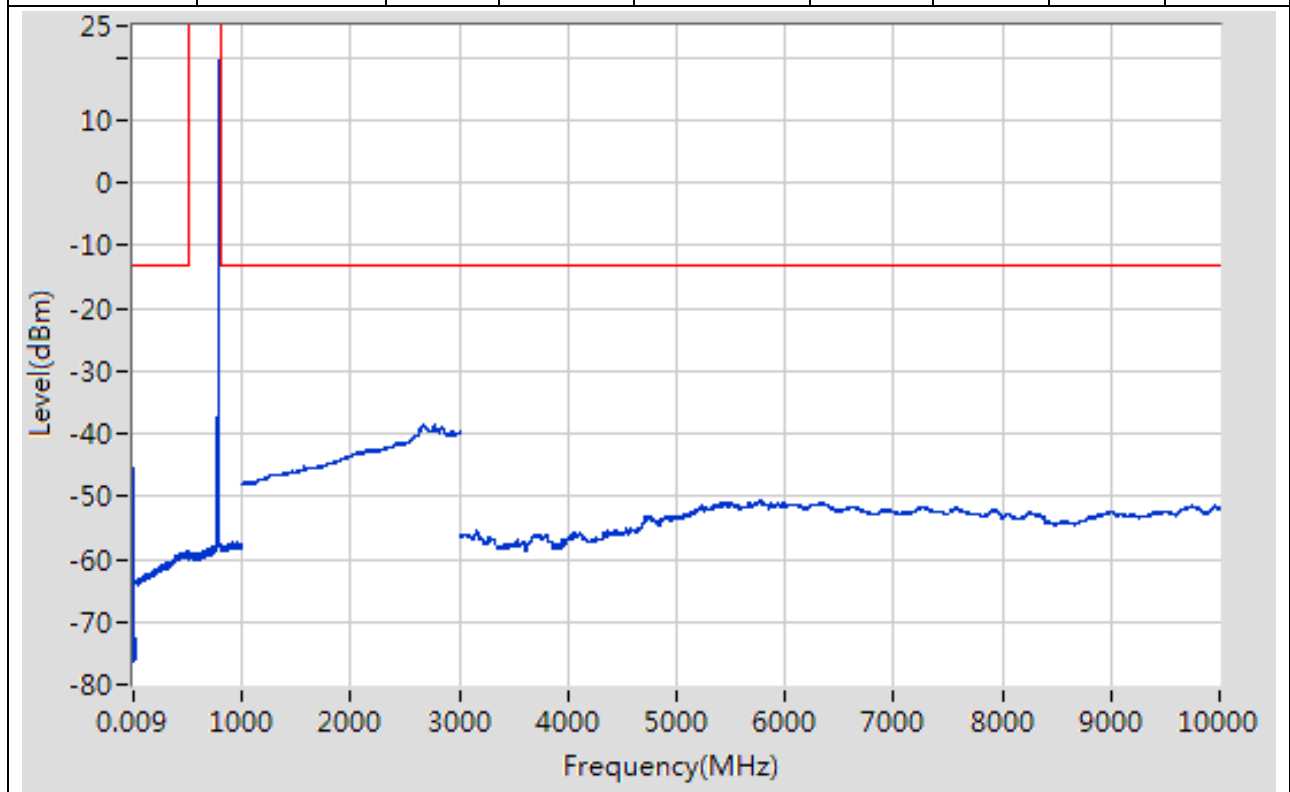
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-49.11	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.19	-13	Pass	2986
30	500	0.1	RMS	497.6	-58.74	-13	Pass	4701
500	795	0.1	RMS	777.3	19.54	60	Pass	2951
795	1000	0.1	RMS	945	-57.32	-13	Pass	2051
1000	3000	1	RMS	2670	-38.55	-13	Pass	2001
3000	10000	1	RMS	5770	-50.41	-13	Pass	7001



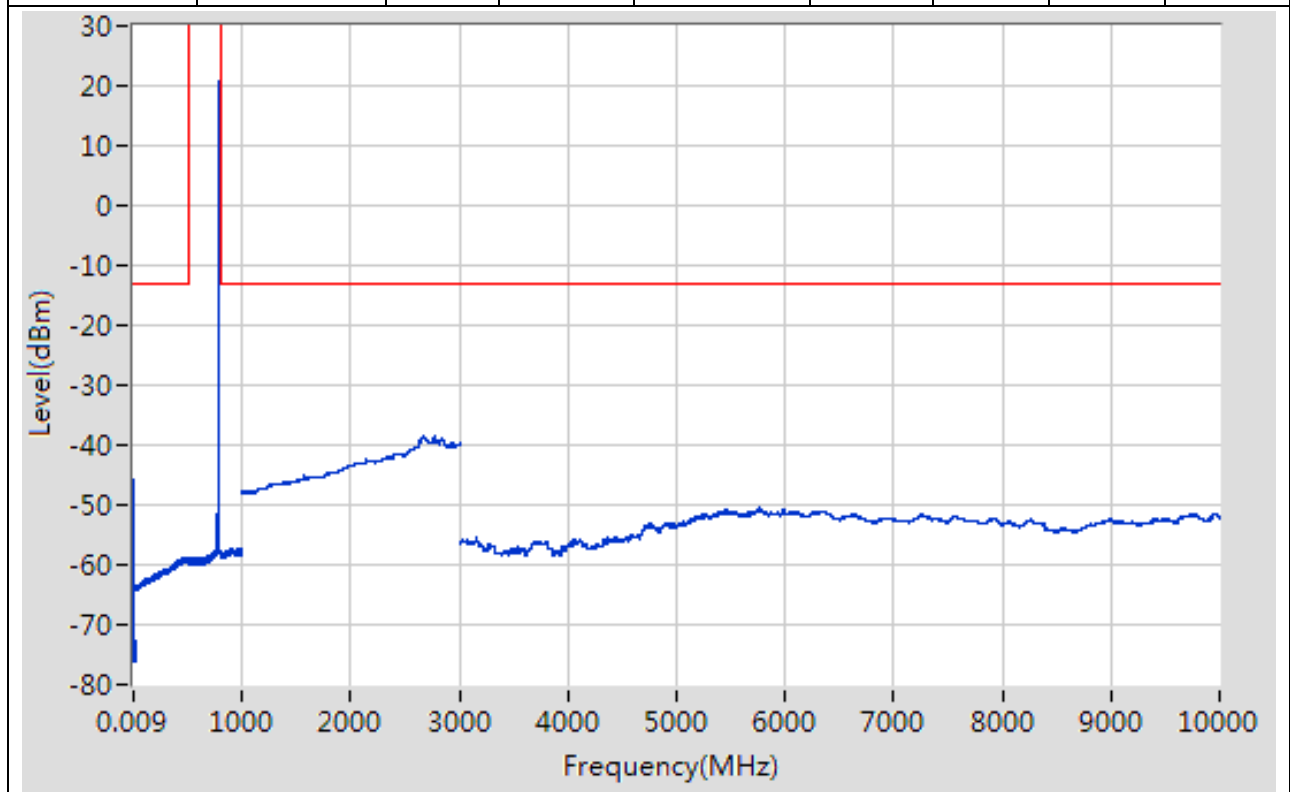
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-49.12	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.47	-13	Pass	2986
30	500	0.1	RMS	498.8	-58.68	-13	Pass	4701
500	795	0.1	RMS	781.7	19.48	60	Pass	2951
795	1000	0.1	RMS	961.1	-57.37	-13	Pass	2051
1000	3000	1	RMS	2669	-38.59	-13	Pass	2001
3000	10000	1	RMS	5771	-50.49	-13	Pass	7001



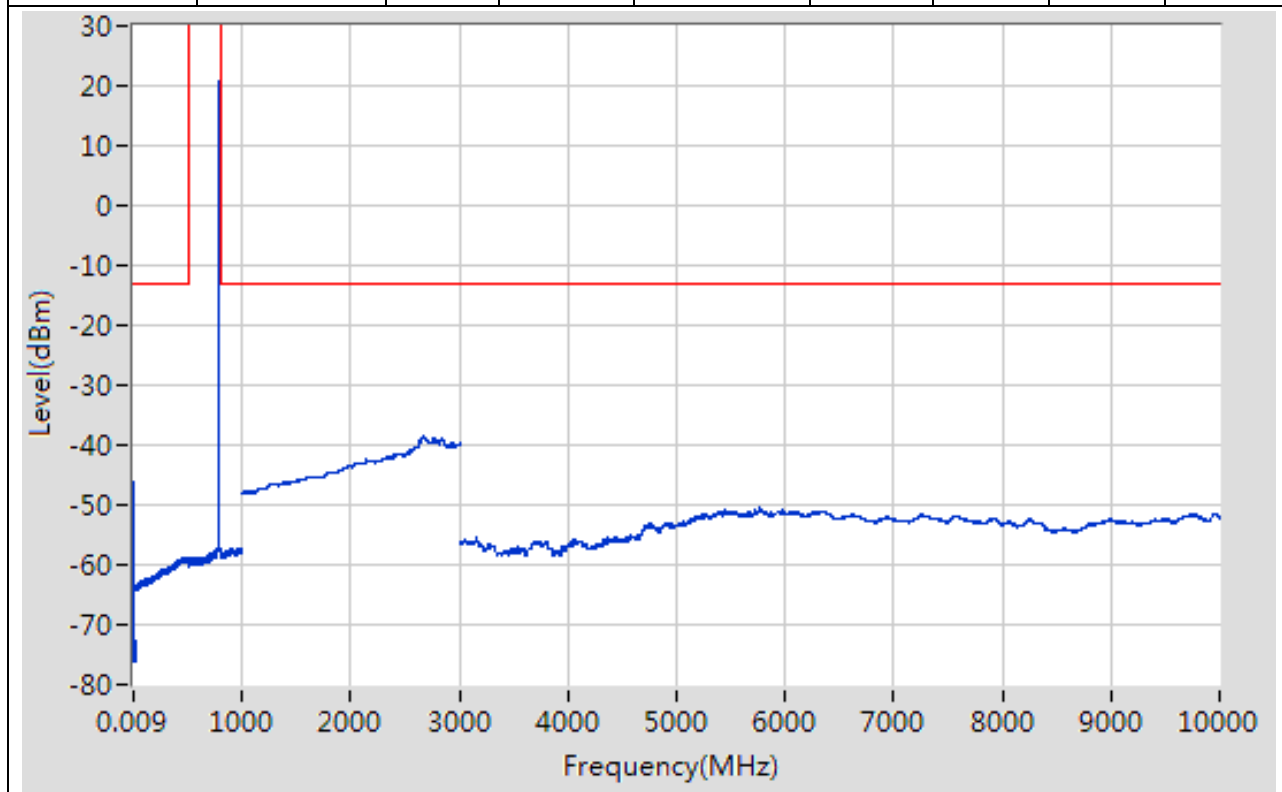
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49.9	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.62	-13	Pass	2986
30	500	0.1	RMS	498	-58.79	-13	Pass	4701
500	795	0.1	RMS	779.8	20.64	60	Pass	2951
795	1000	0.1	RMS	975.3	-57.42	-13	Pass	2051
1000	3000	1	RMS	2770	-38.59	-13	Pass	2001
3000	10000	1	RMS	5770	-50.44	-13	Pass	7001



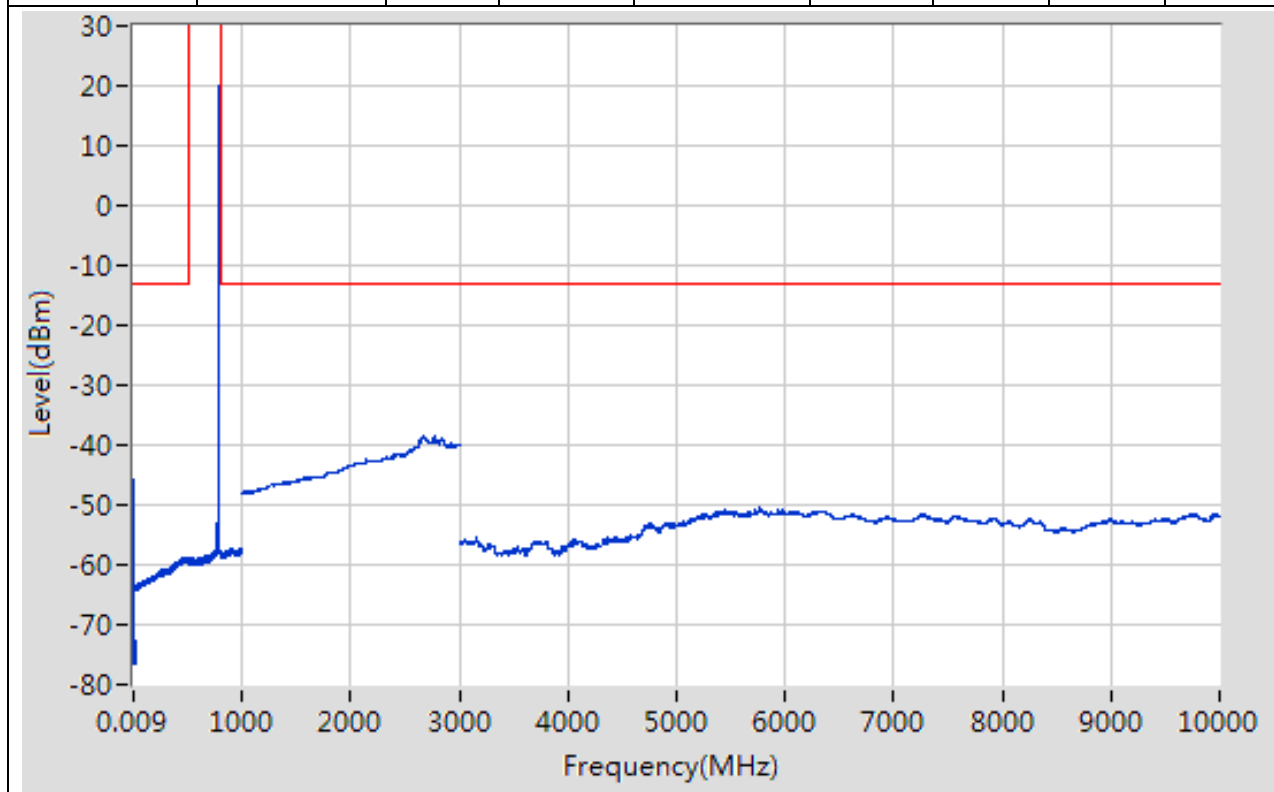
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	0.01	-50	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46	-13	Pass	2986
30	500	0.1	RMS	496.5	-58.7	-13	Pass	4701
500	795	0.1	RMS	784.2	20.89	60	Pass	2951
795	1000	0.1	RMS	907.2	-57.38	-13	Pass	2051
1000	3000	1	RMS	2670	-38.54	-13	Pass	2001
3000	10000	1	RMS	5768	-50.41	-13	Pass	7001



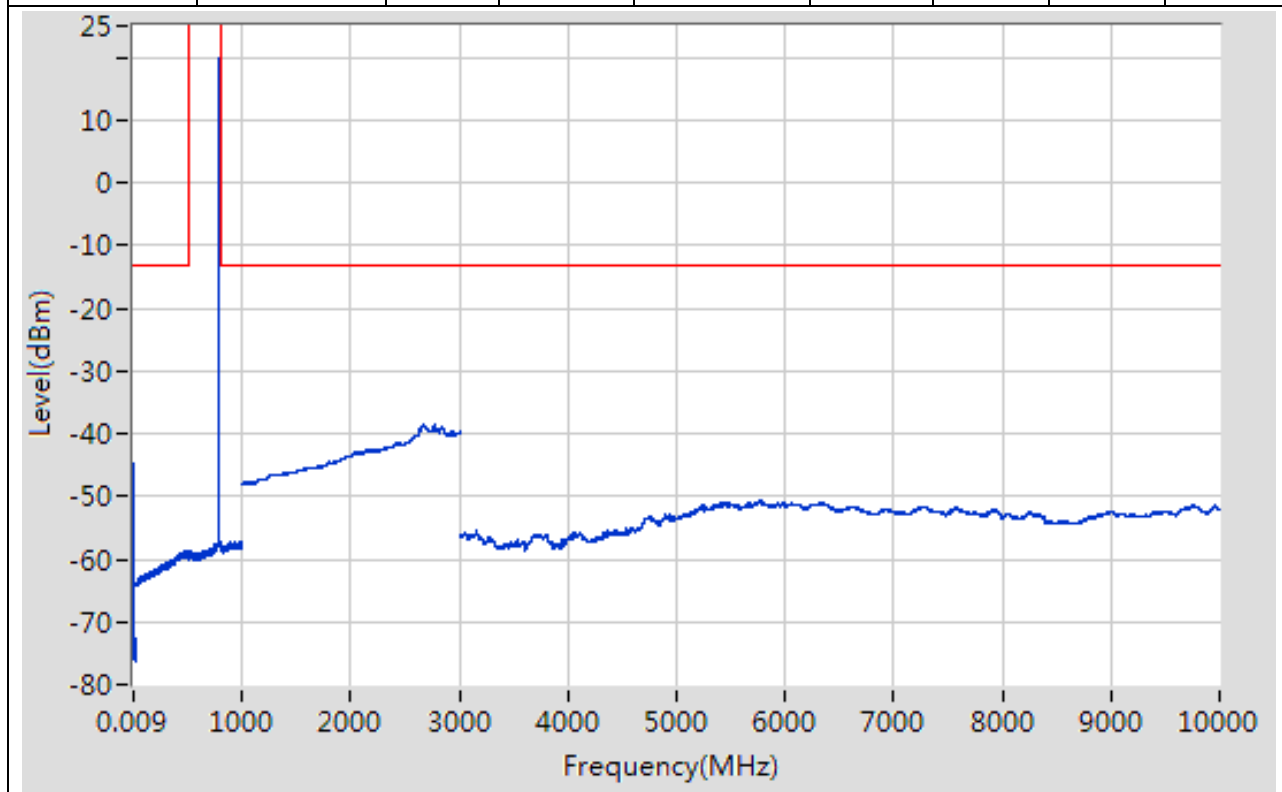
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-49.9	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.83	-13	Pass	2986
30	500	0.1	RMS	499.2	-58.7	-13	Pass	4701
500	795	0.1	RMS	779.8	20.14	60	Pass	2951
795	1000	0.1	RMS	907.9	-57.4	-13	Pass	2051
1000	3000	1	RMS	2669	-38.56	-13	Pass	2001
3000	10000	1	RMS	5770	-50.46	-13	Pass	7001



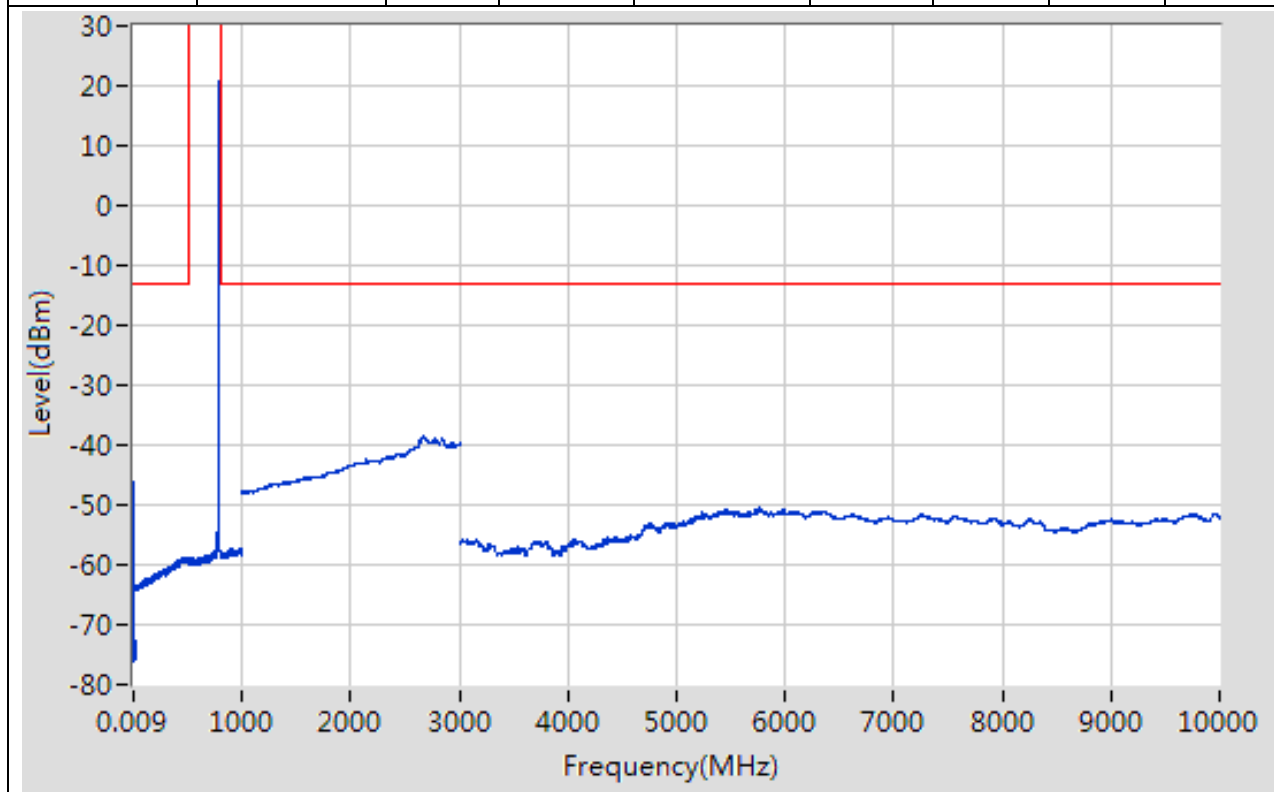
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	0.011	-50.29	-13	Pass	401
0.15	30	0.01	RMS	0.15	-44.7	-13	Pass	2986
30	500	0.1	RMS	495.6	-58.79	-13	Pass	4701
500	795	0.1	RMS	784.2	19.74	60	Pass	2951
795	1000	0.1	RMS	996.3	-57.33	-13	Pass	2051
1000	3000	1	RMS	2670	-38.58	-13	Pass	2001
3000	10000	1	RMS	5769	-50.48	-13	Pass	7001



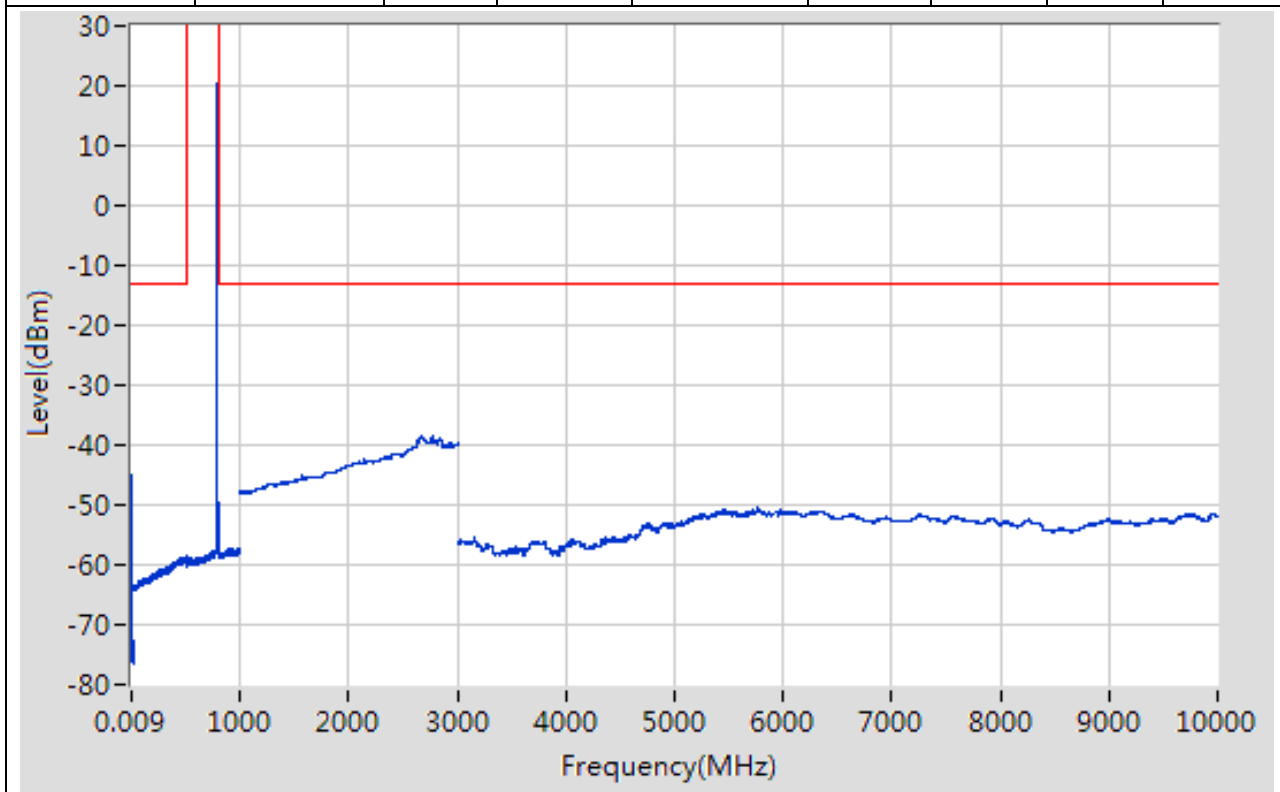
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.98	-13	Pass	2986
30	500	0.1	RMS	498.9	-58.73	-13	Pass	4701
500	795	0.1	RMS	782.3	20.58	60	Pass	2951
795	1000	0.1	RMS	894.4	-57.38	-13	Pass	2051
1000	3000	1	RMS	2668	-38.58	-13	Pass	2001
3000	10000	1	RMS	5768	-50.43	-13	Pass	7001



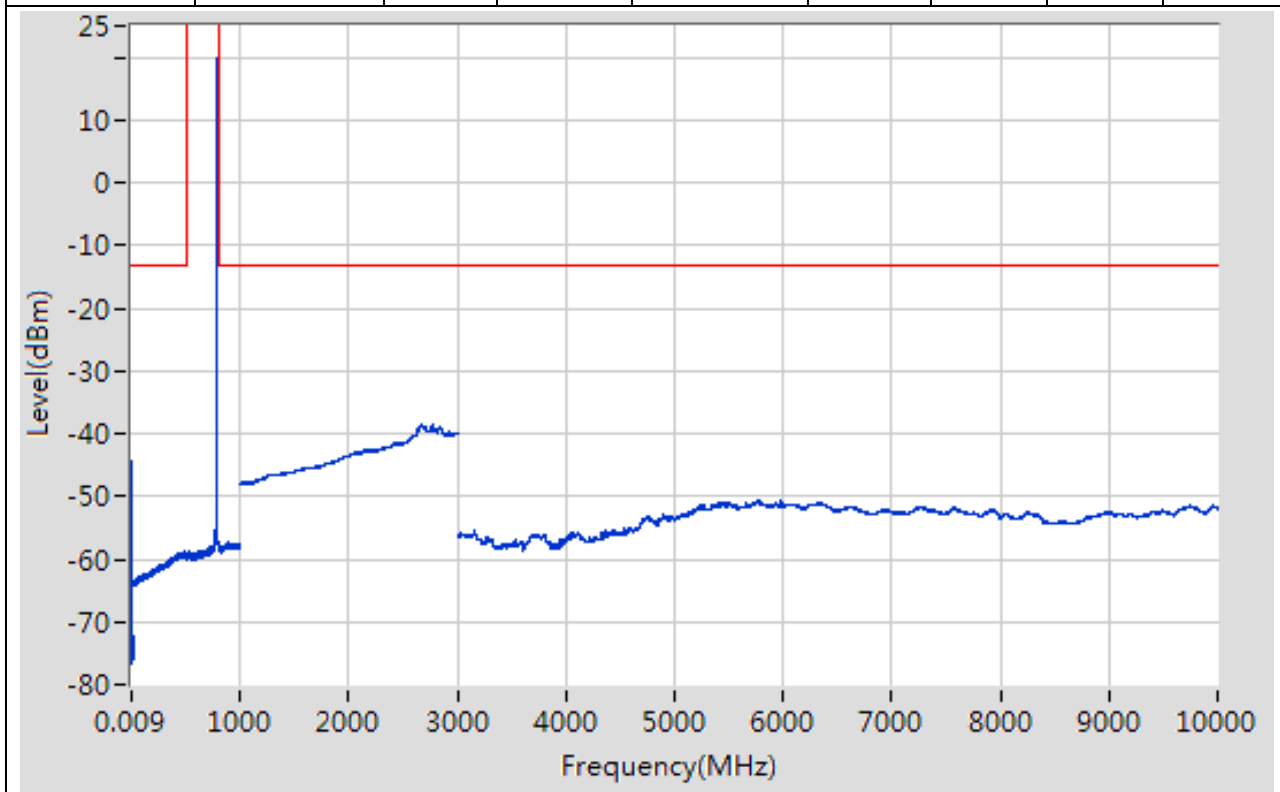
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-50.09	-13	Pass	401
0.15	30	0.01	RMS	0.15	-44.98	-13	Pass	2986
30	500	0.1	RMS	499.8	-58.65	-13	Pass	4701
500	795	0.1	RMS	786.7	20.44	60	Pass	2951
795	1000	0.1	RMS	795.3	-49.78	-13	Pass	2051
1000	3000	1	RMS	2667	-38.59	-13	Pass	2001
3000	10000	1	RMS	5770	-50.51	-13	Pass	7001



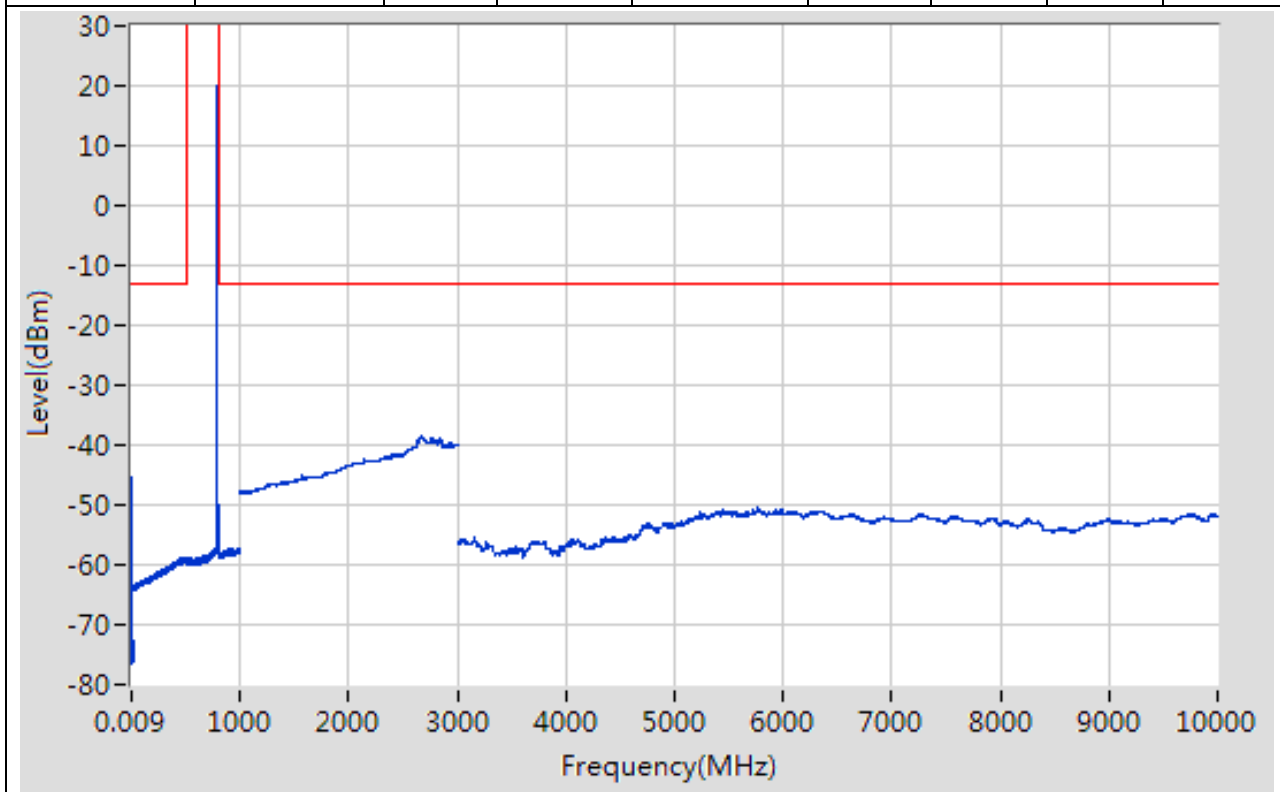
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-48.5	-13	Pass	401
0.15	30	0.01	RMS	0.15	-44.48	-13	Pass	2986
30	500	0.1	RMS	490.3	-58.82	-13	Pass	4701
500	795	0.1	RMS	782.3	19.83	60	Pass	2951
795	1000	0.1	RMS	894	-57.36	-13	Pass	2051
1000	3000	1	RMS	2669	-38.6	-13	Pass	2001
3000	10000	1	RMS	5770	-50.5	-13	Pass	7001



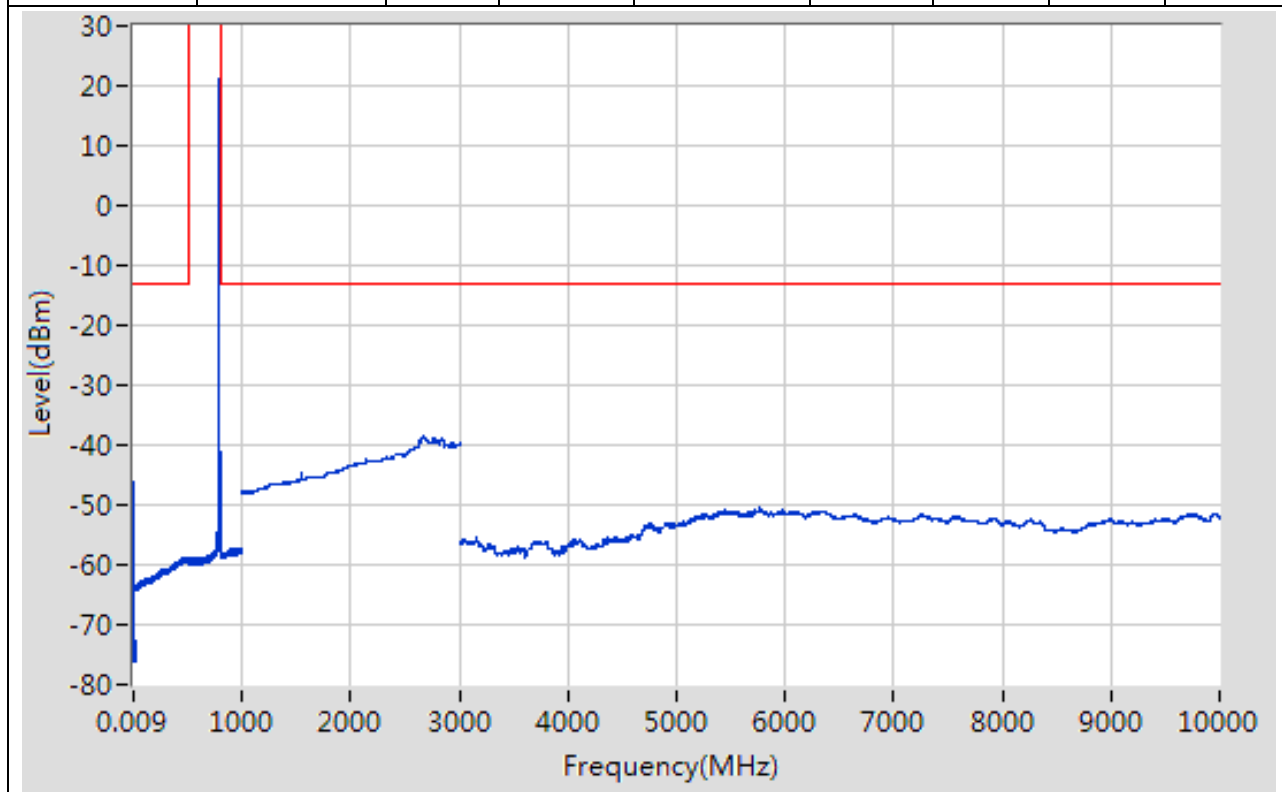
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-49.87	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.42	-13	Pass	2986
30	500	0.1	RMS	497.6	-58.7	-13	Pass	4701
500	795	0.1	RMS	786.7	20.14	60	Pass	2951
795	1000	0.1	RMS	795.3	-50.03	-13	Pass	2051
1000	3000	1	RMS	2671	-38.56	-13	Pass	2001
3000	10000	1	RMS	5767	-50.47	-13	Pass	7001



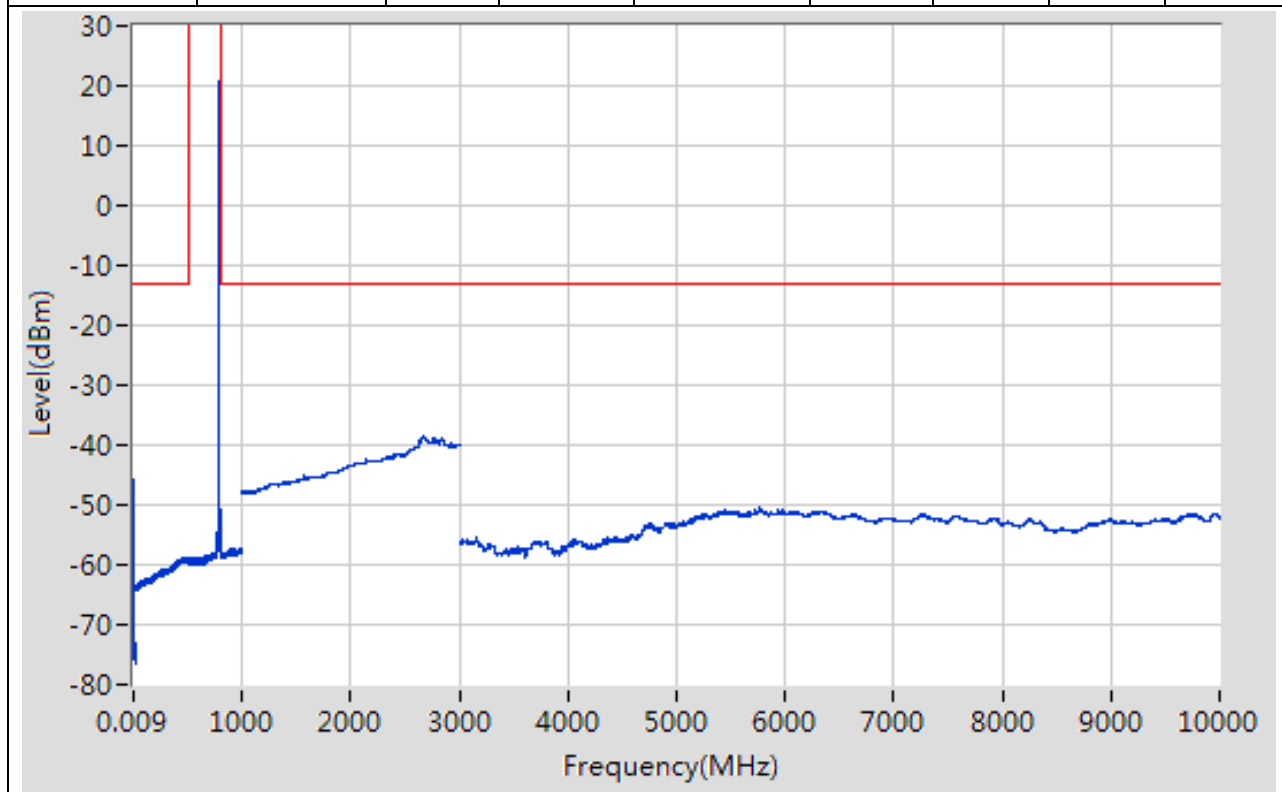
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49.58	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.24	-13	Pass	2986
30	500	0.1	RMS	495.5	-58.71	-13	Pass	4701
500	795	0.1	RMS	777.6	21.16	60	Pass	2951
795	1000	0.1	RMS	795.2	-41.01	-13	Pass	2051
1000	3000	1	RMS	2668	-38.55	-13	Pass	2001
3000	10000	1	RMS	5770	-50.44	-13	Pass	7001



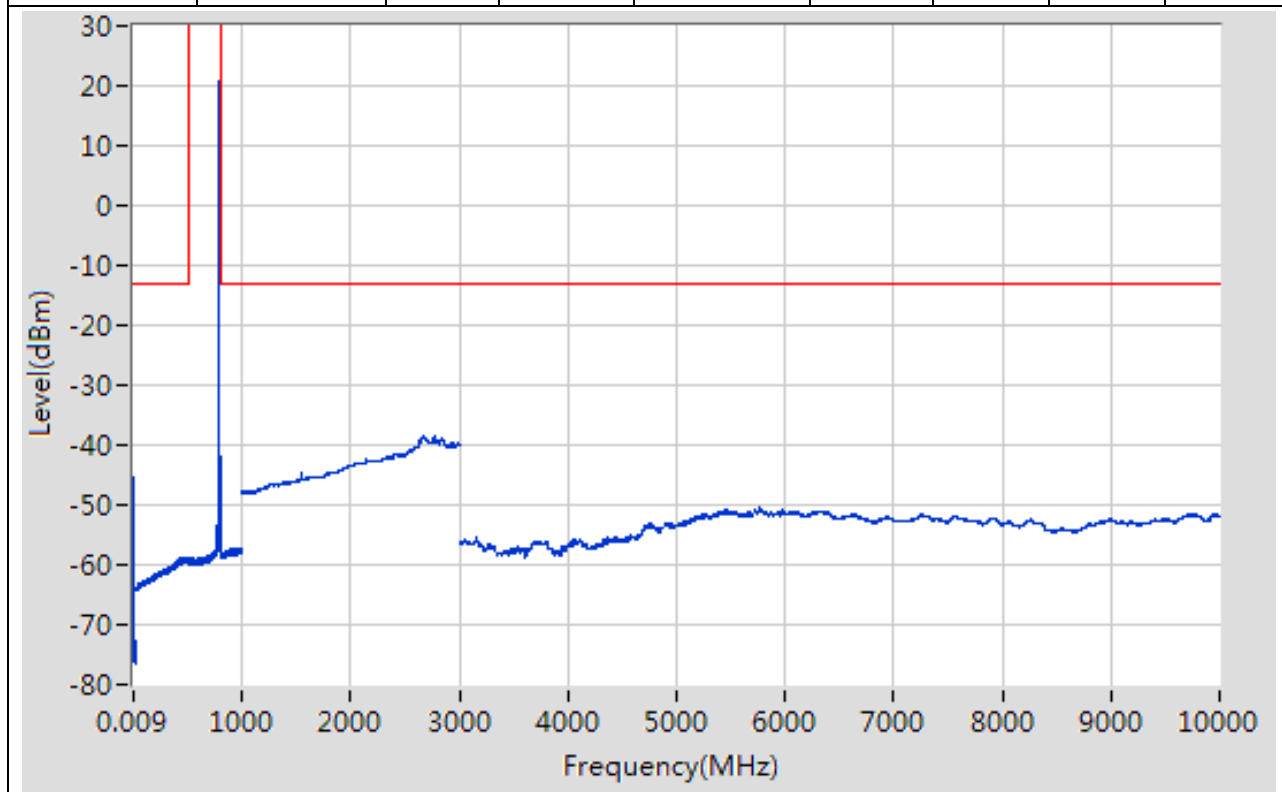
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-49.58	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.75	-13	Pass	2986
30	500	0.1	RMS	499.7	-58.72	-13	Pass	4701
500	795	0.1	RMS	786.4	20.83	60	Pass	2951
795	1000	0.1	RMS	795.2	-50.69	-13	Pass	2051
1000	3000	1	RMS	2670	-38.58	-13	Pass	2001
3000	10000	1	RMS	5770	-50.36	-13	Pass	7001



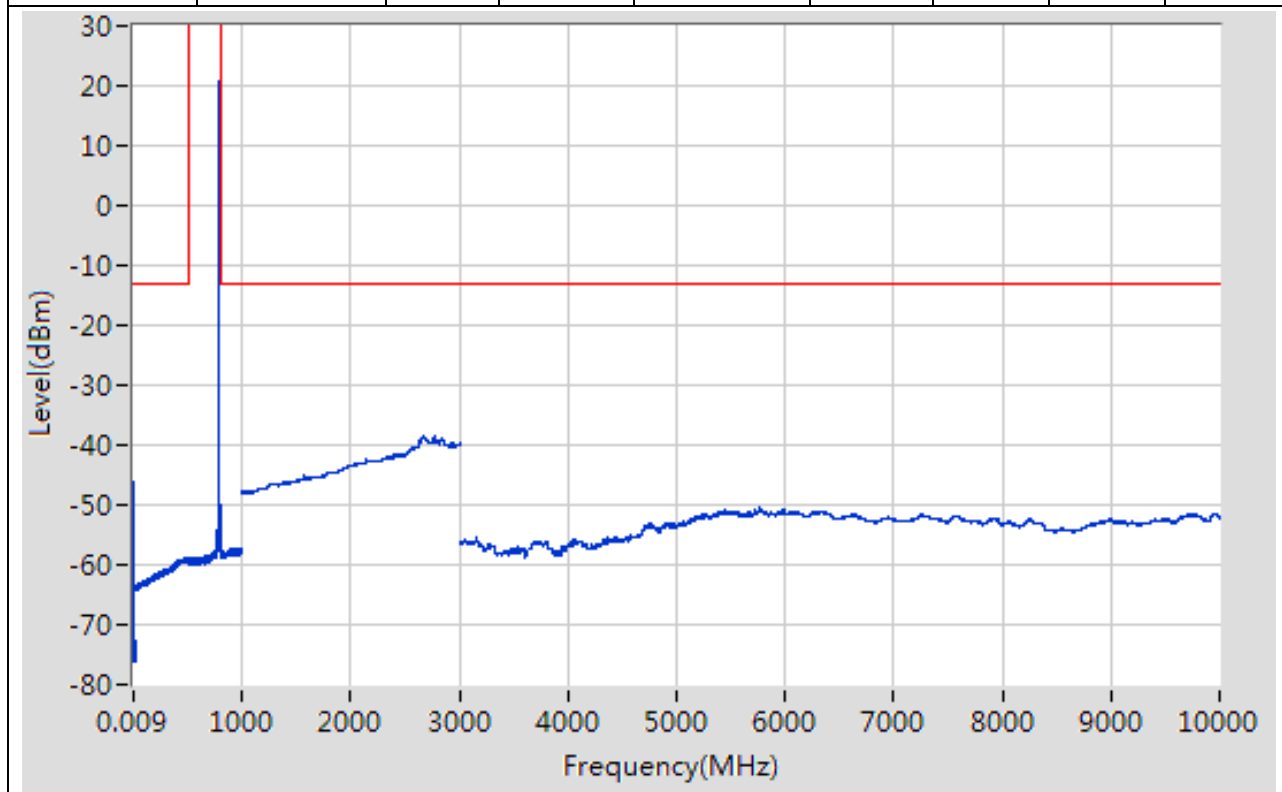
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-48.73	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.29	-13	Pass	2986
30	500	0.1	RMS	494.9	-58.75	-13	Pass	4701
500	795	0.1	RMS	777.6	20.59	60	Pass	2951
795	1000	0.1	RMS	795.2	-41.91	-13	Pass	2051
1000	3000	1	RMS	2670	-38.58	-13	Pass	2001
3000	10000	1	RMS	5770	-50.39	-13	Pass	7001



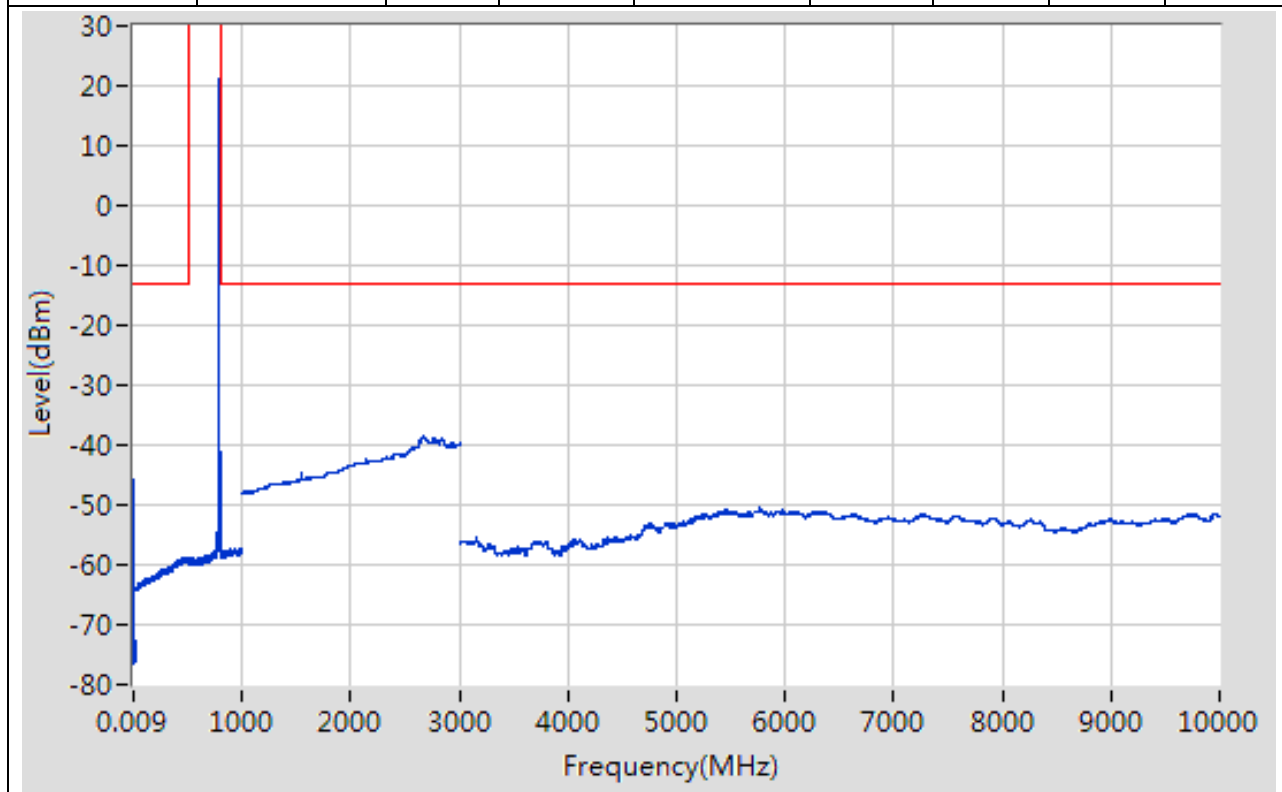
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-49.13	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.16	-13	Pass	2986
30	500	0.1	RMS	461.1	-58.84	-13	Pass	4701
500	795	0.1	RMS	786.4	20.63	60	Pass	2951
795	1000	0.1	RMS	795.2	-50.14	-13	Pass	2051
1000	3000	1	RMS	2670	-38.57	-13	Pass	2001
3000	10000	1	RMS	5770	-50.47	-13	Pass	7001



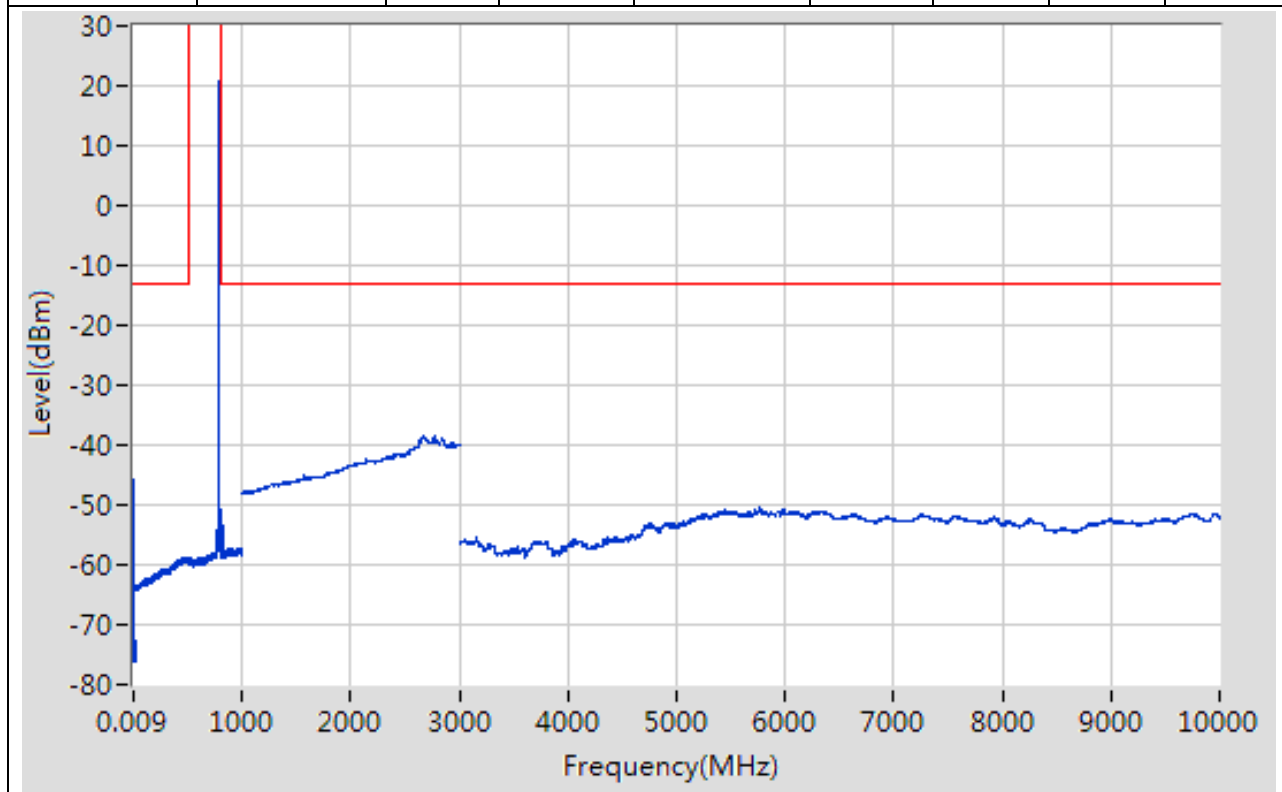
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49.75	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.94	-13	Pass	2986
30	500	0.1	RMS	494.2	-58.69	-13	Pass	4701
500	795	0.1	RMS	777.6	21.03	60	Pass	2951
795	1000	0.1	RMS	795.2	-41.11	-13	Pass	2051
1000	3000	1	RMS	2670	-38.54	-13	Pass	2001
3000	10000	1	RMS	5770	-50.49	-13	Pass	7001



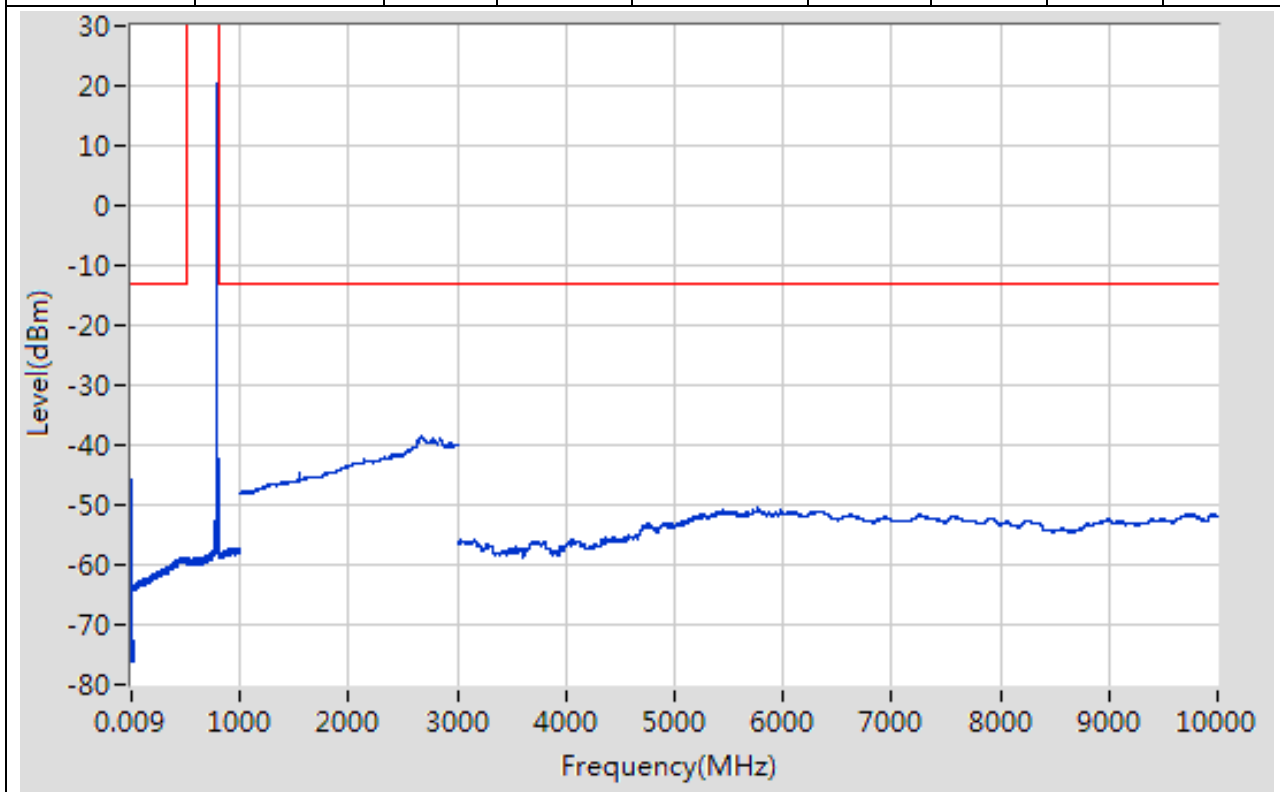
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-49.84	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.66	-13	Pass	2986
30	500	0.1	RMS	459.2	-58.79	-13	Pass	4701
500	795	0.1	RMS	786.4	20.83	60	Pass	2951
795	1000	0.1	RMS	795.2	-50.64	-13	Pass	2051
1000	3000	1	RMS	2669	-38.56	-13	Pass	2001
3000	10000	1	RMS	5768	-50.44	-13	Pass	7001



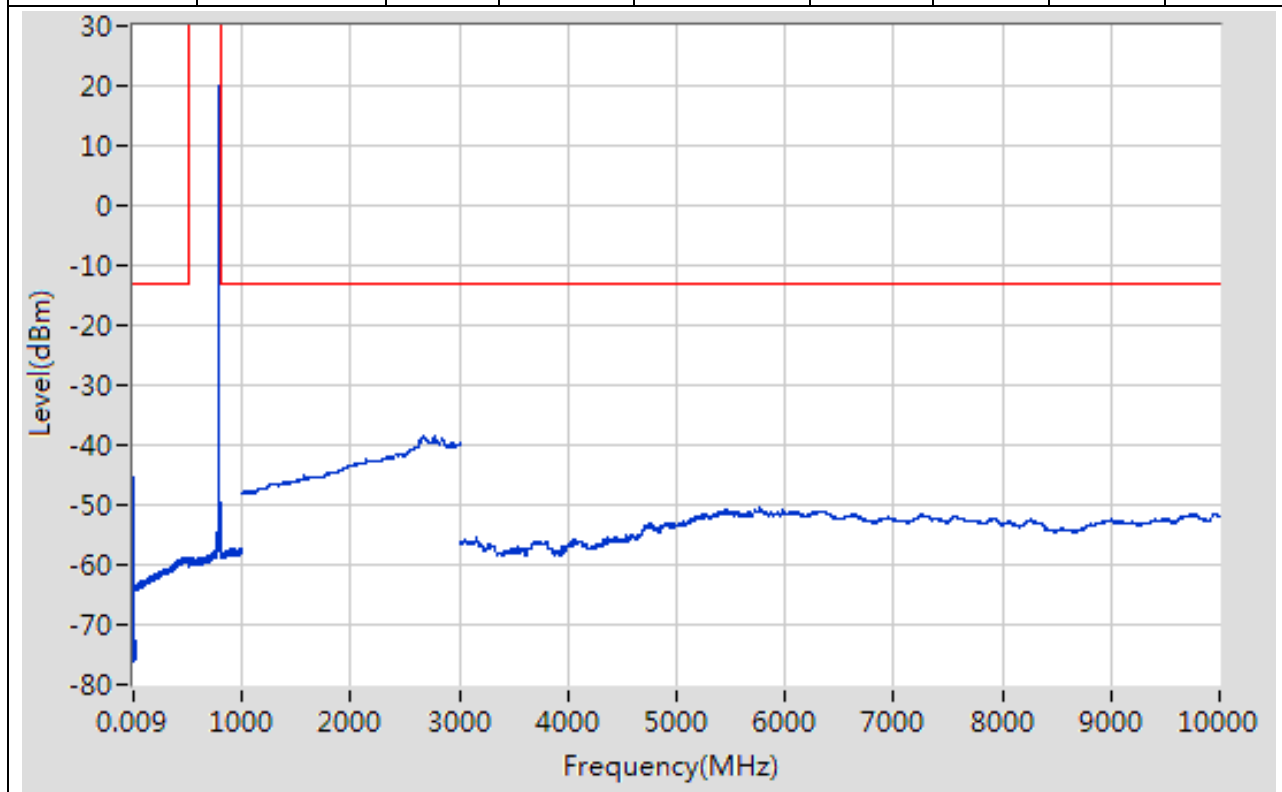
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.011	-50.16	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.76	-13	Pass	2986
30	500	0.1	RMS	498.3	-58.82	-13	Pass	4701
500	795	0.1	RMS	777.6	20.5	60	Pass	2951
795	1000	0.1	RMS	795.2	-42.39	-13	Pass	2051
1000	3000	1	RMS	2669	-38.61	-13	Pass	2001
3000	10000	1	RMS	5770	-50.53	-13	Pass	7001



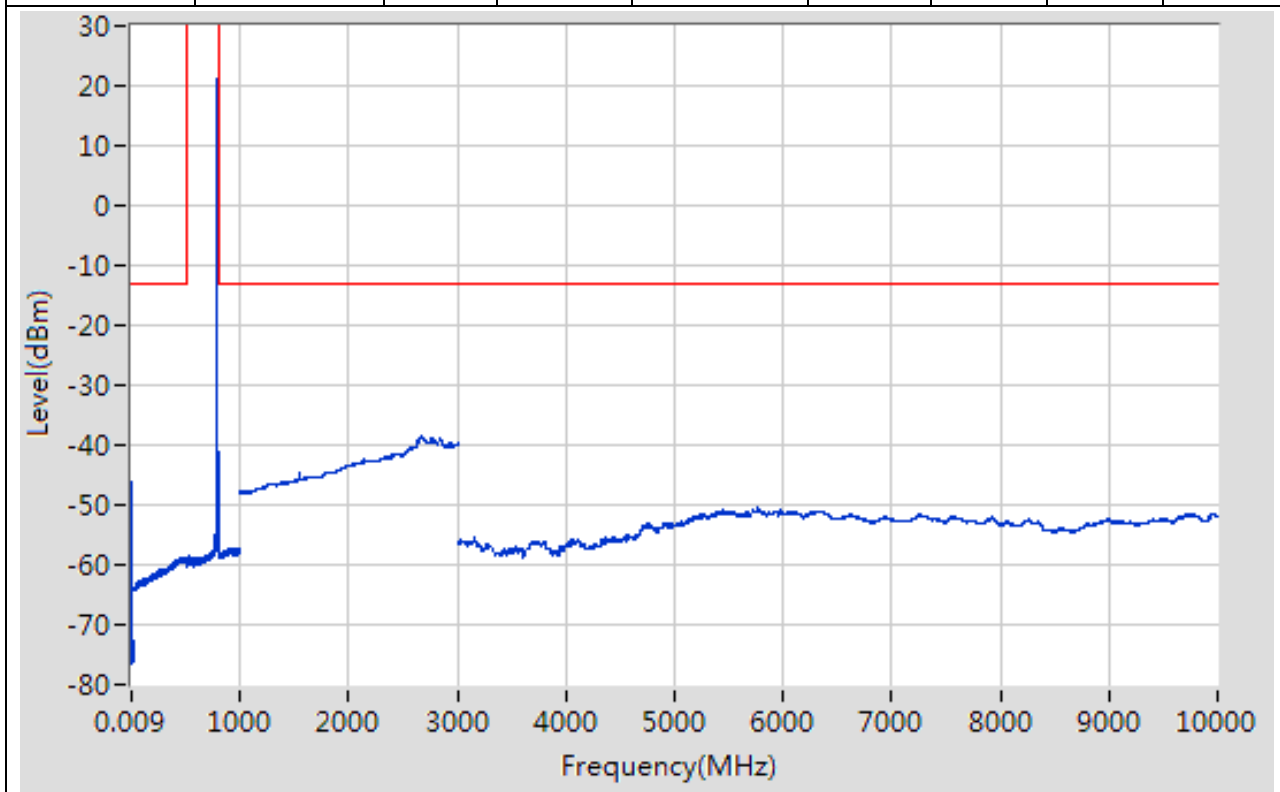
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-49.73	-13	Pass	401
0.15	30	0.01	RMS	0.16	-45.51	-13	Pass	2986
30	500	0.1	RMS	496.7	-58.75	-13	Pass	4701
500	795	0.1	RMS	786.4	20.17	60	Pass	2951
795	1000	0.1	RMS	795.2	-49.7	-13	Pass	2051
1000	3000	1	RMS	2670	-38.57	-13	Pass	2001
3000	10000	1	RMS	5770	-50.53	-13	Pass	7001



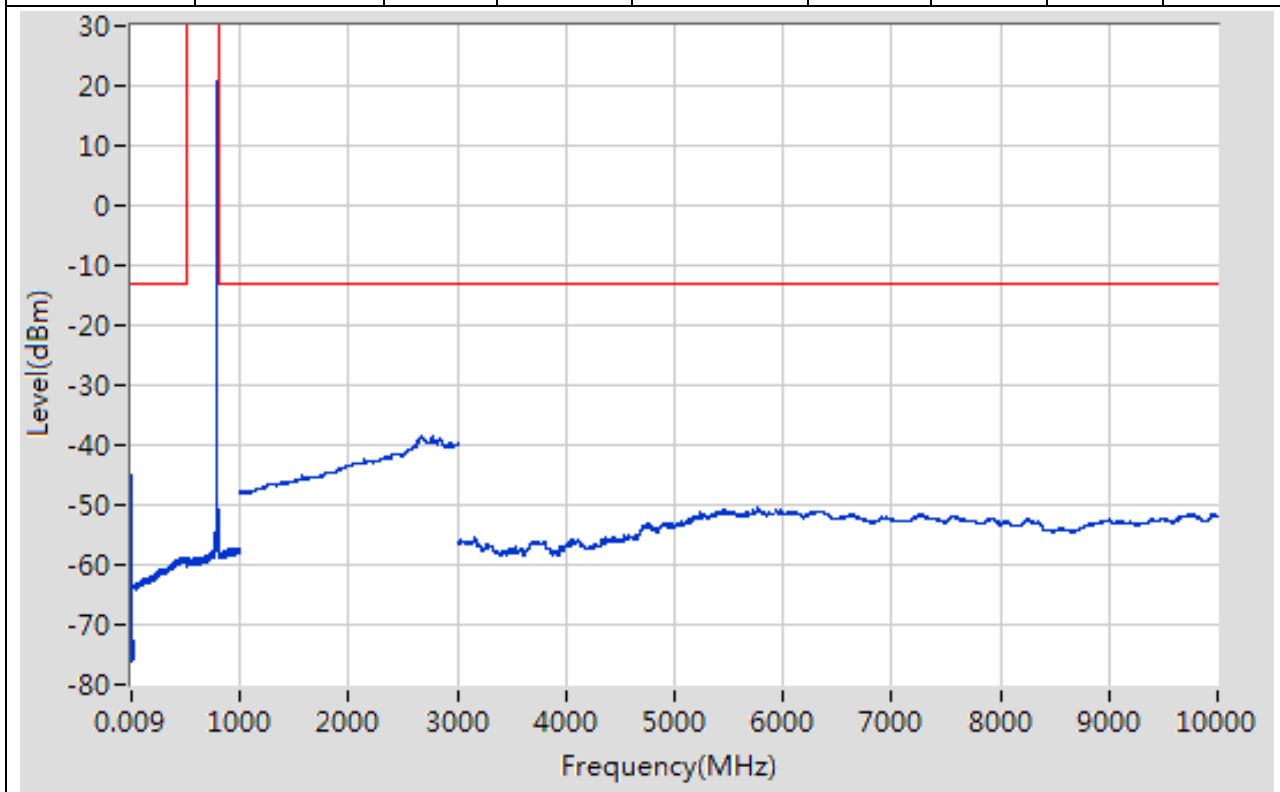
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-50.03	-13	Pass	401
0.15	30	0.01	RMS	0.16	-46.1	-13	Pass	2986
30	500	0.1	RMS	499.4	-58.77	-13	Pass	4701
500	795	0.1	RMS	777.6	20.99	60	Pass	2951
795	1000	0.1	RMS	795.2	-40.97	-13	Pass	2051
1000	3000	1	RMS	2671	-38.56	-13	Pass	2001
3000	10000	1	RMS	5770	-50.45	-13	Pass	7001



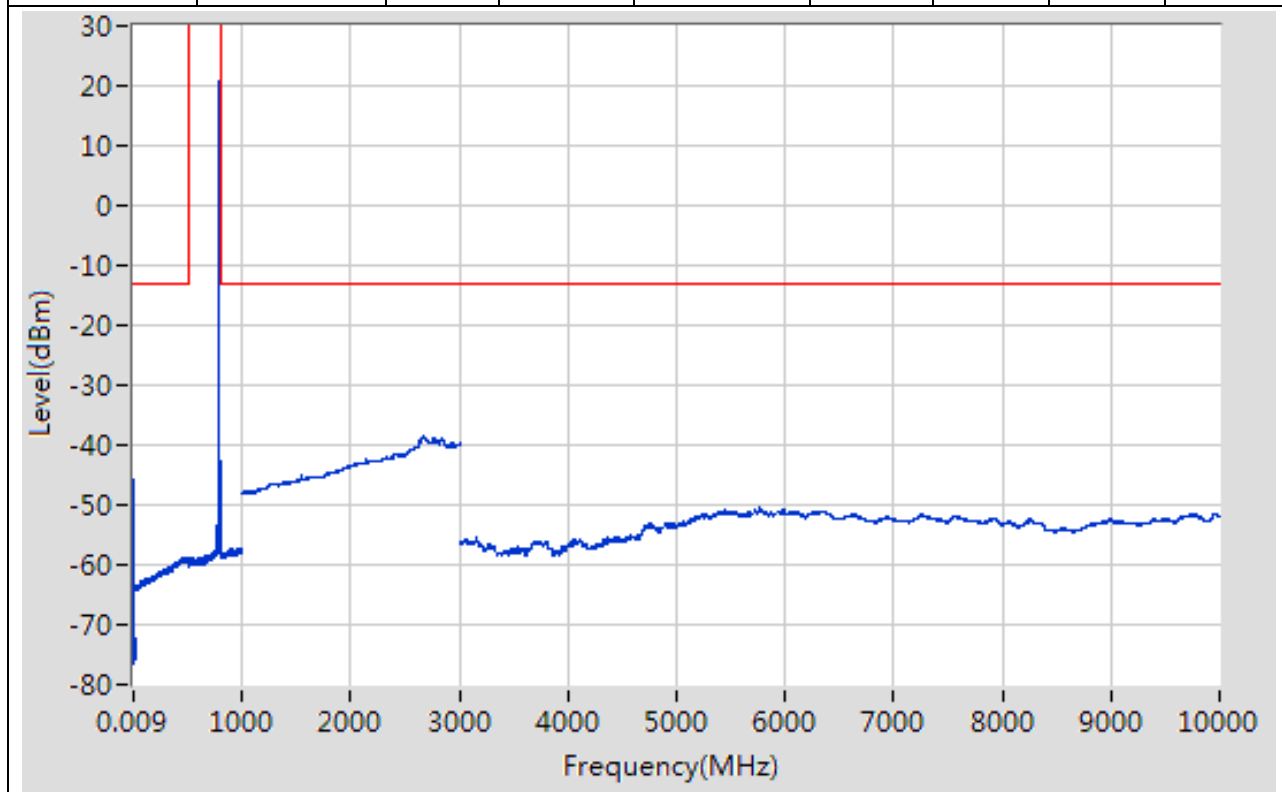
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-49.48	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.05	-13	Pass	2986
30	500	0.1	RMS	495.8	-58.69	-13	Pass	4701
500	795	0.1	RMS	786.4	20.89	60	Pass	2951
795	1000	0.1	RMS	795.2	-50.77	-13	Pass	2051
1000	3000	1	RMS	2670	-38.6	-13	Pass	2001
3000	10000	1	RMS	5768	-50.47	-13	Pass	7001



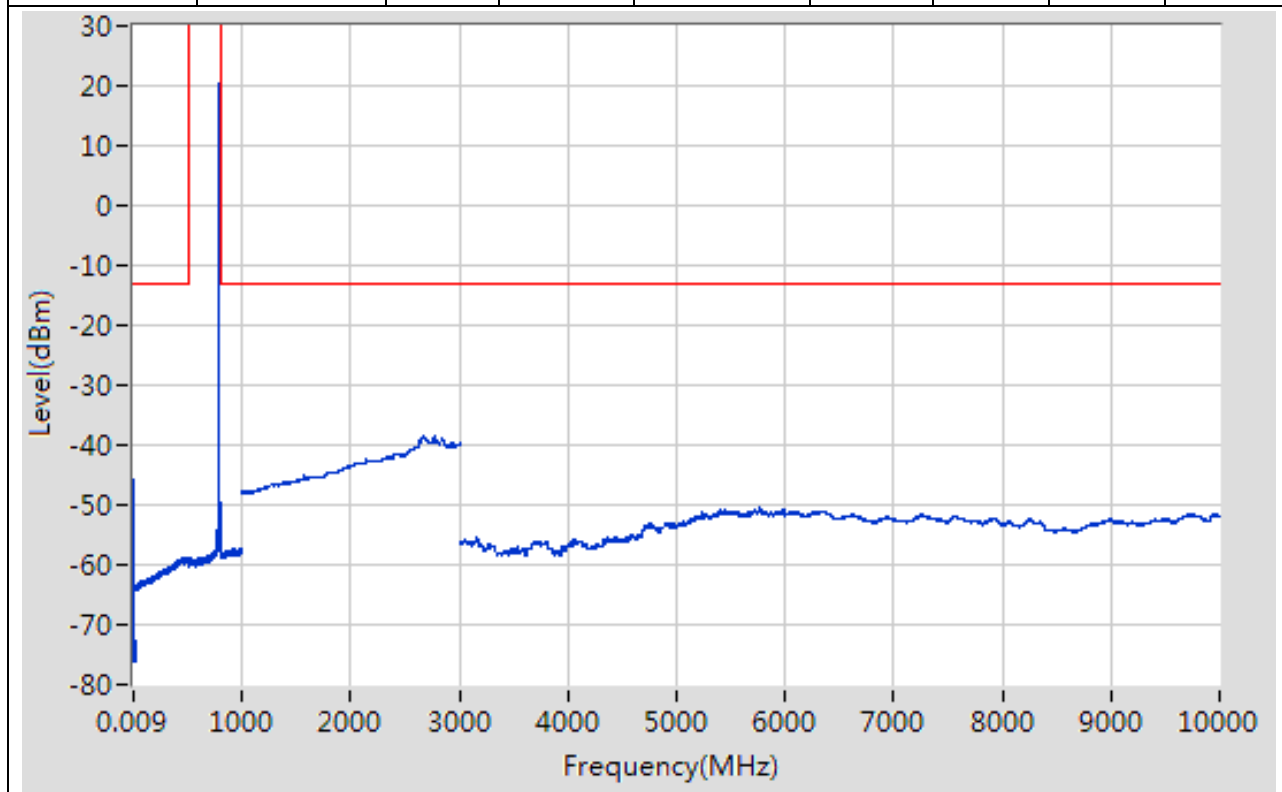
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-49.14	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.63	-13	Pass	2986
30	500	0.1	RMS	494.6	-58.76	-13	Pass	4701
500	795	0.1	RMS	777.6	20.8	60	Pass	2951
795	1000	0.1	RMS	795.2	-42.83	-13	Pass	2051
1000	3000	1	RMS	2667	-38.58	-13	Pass	2001
3000	10000	1	RMS	5770	-50.47	-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	-49.47	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.88	-13	Pass	2986
30	500	0.1	RMS	499.5	-58.77	-13	Pass	4701
500	795	0.1	RMS	786.4	20.44	60	Pass	2951
795	1000	0.1	RMS	795.2	-49.49	-13	Pass	2051
1000	3000	1	RMS	2670	-38.55	-13	Pass	2001
3000	10000	1	RMS	5770	-50.49	-13	Pass	7001



END