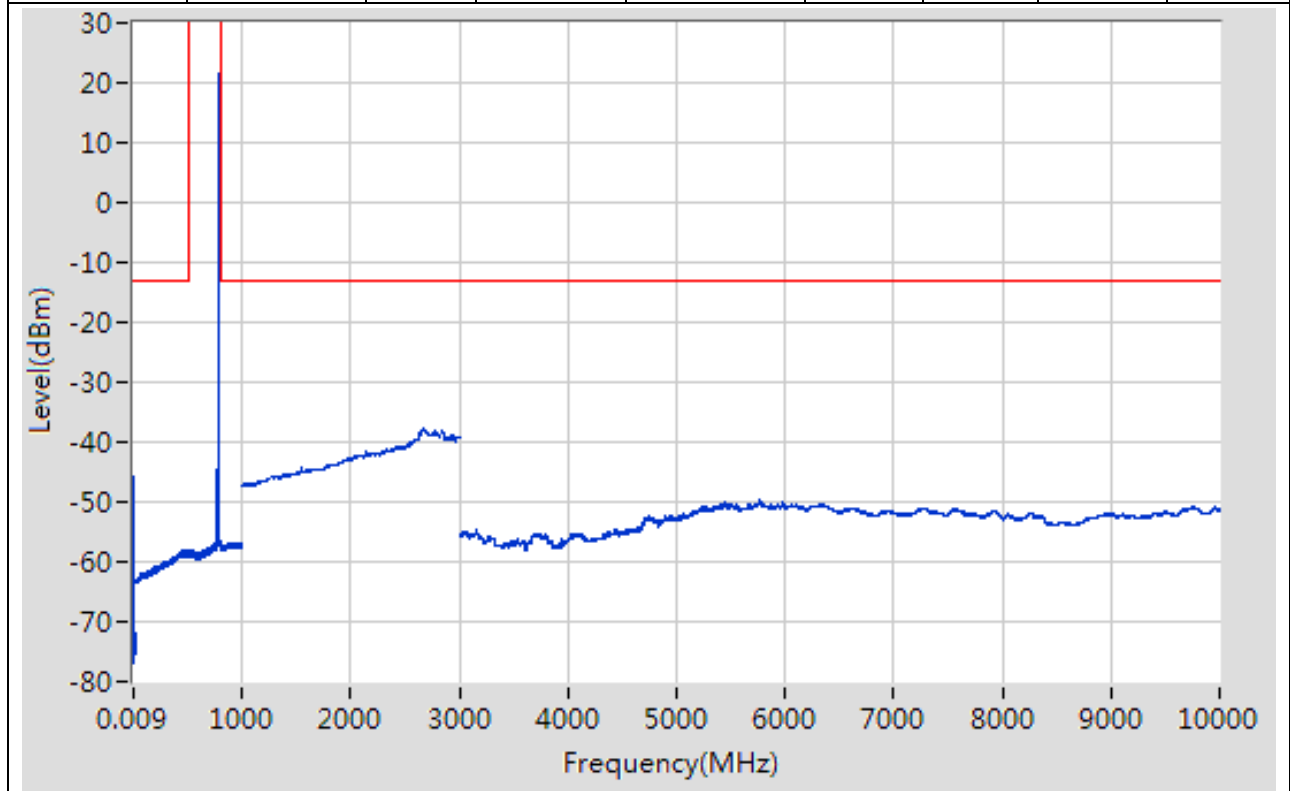


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

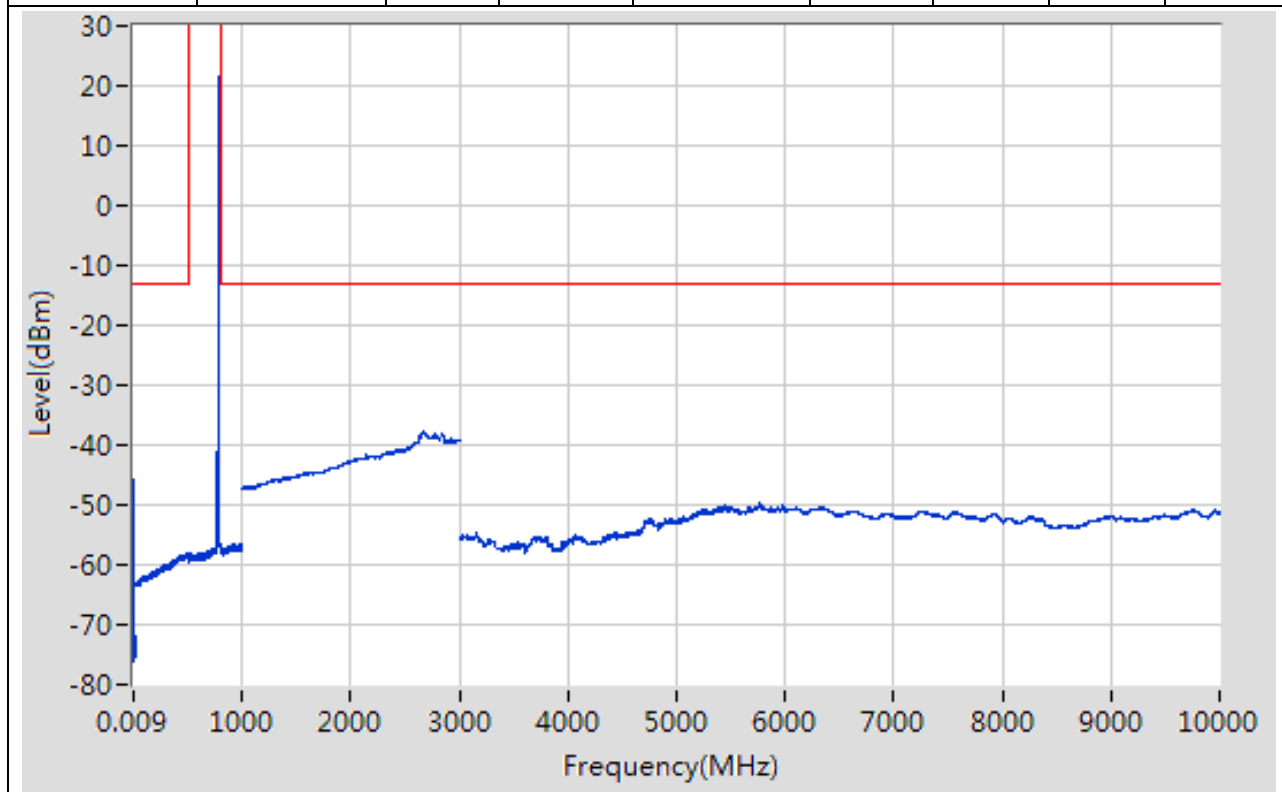
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.79	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.13	-13	Pass	2986
30	500	0.1	RMS	491.9	-58.09	-13	Pass	4701
500	795	0.1	RMS	777.3	21.47	60	Pass	2951
795	1000	0.1	RMS	957.2	-56.75	-13	Pass	2051
1000	3000	1	RMS	2670	-37.86	-13	Pass	2001
3000	10000	1	RMS	5770	-49.79	-13	Pass	7001



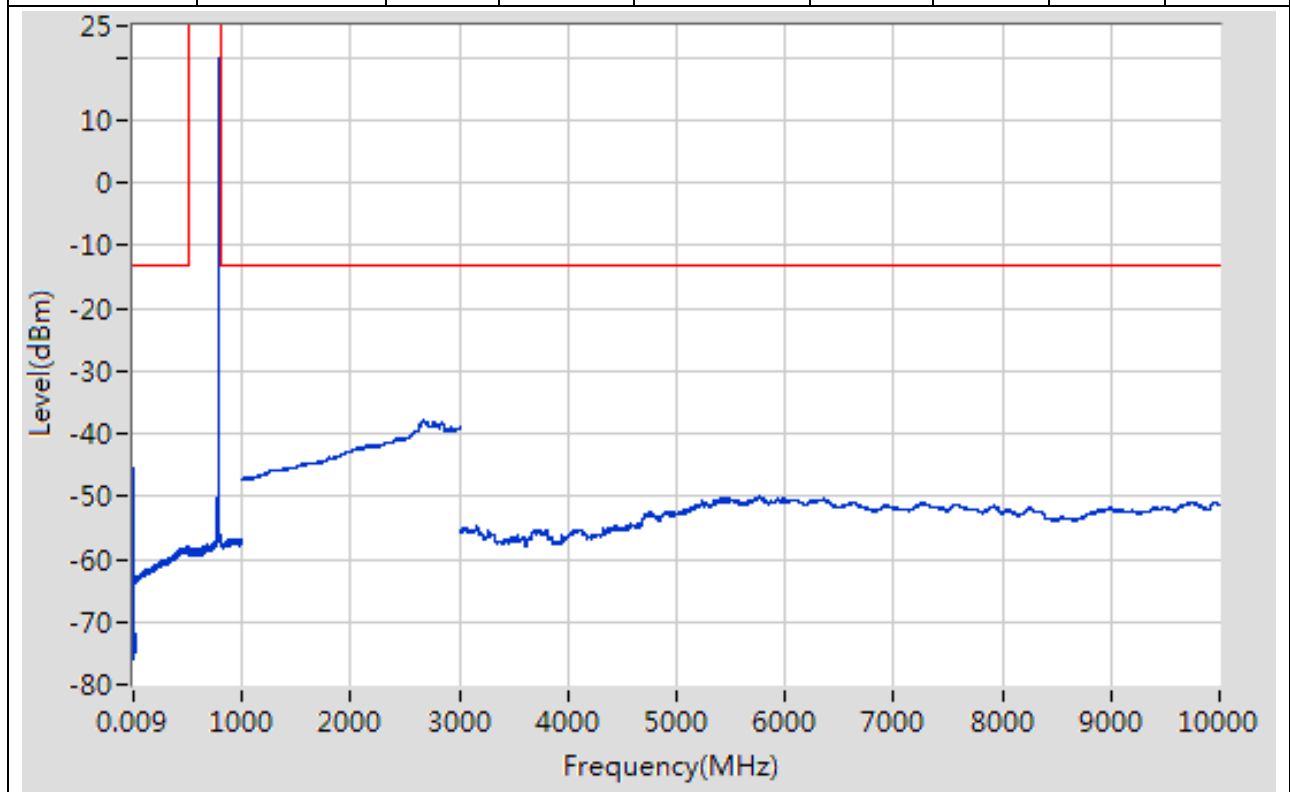
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-45.63	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.9	-13	Pass	2986
30	500	0.1	RMS	499.6	-58.1	-13	Pass	4701
500	795	0.1	RMS	781.7	21.5	60	Pass	2951
795	1000	0.1	RMS	977.3	-56.65	-13	Pass	2051
1000	3000	1	RMS	2666	-37.85	-13	Pass	2001
3000	10000	1	RMS	5770	-49.74	-13	Pass	7001



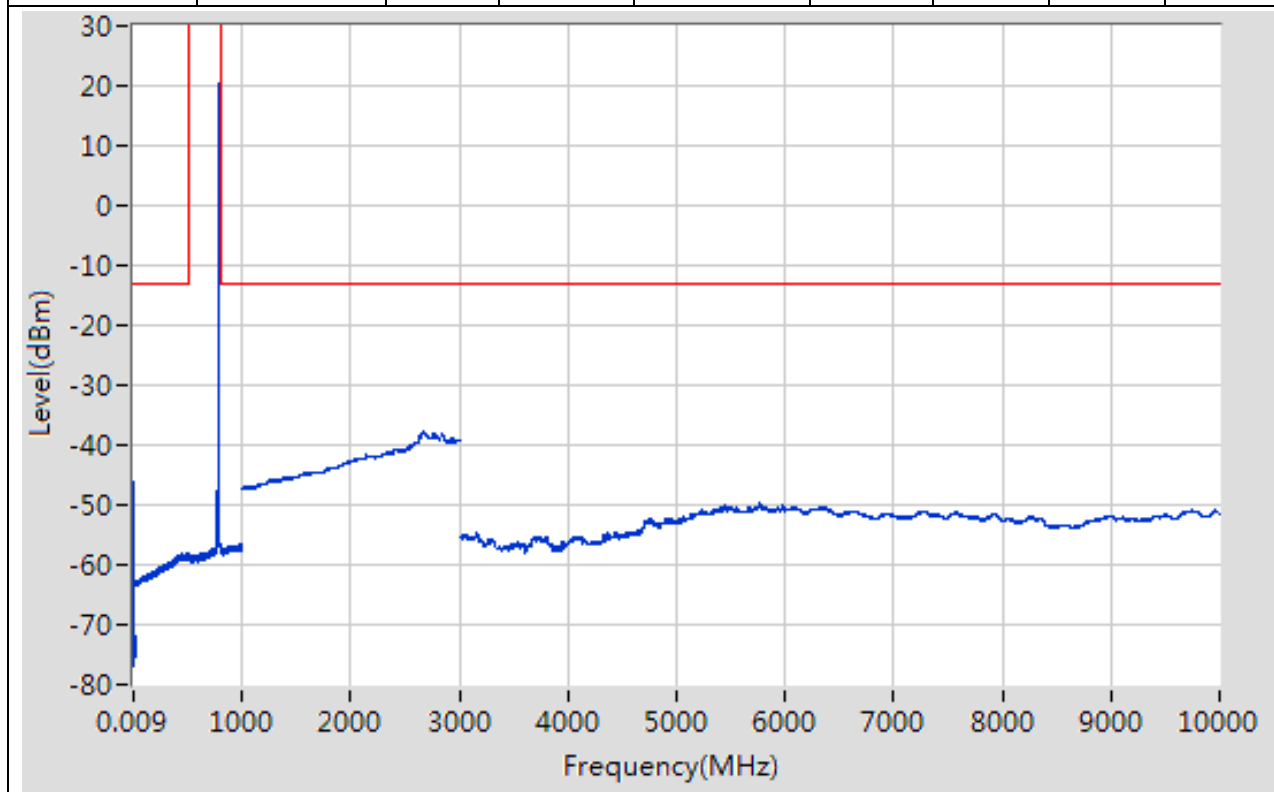
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.009	-45.38	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.42	-13	Pass	2986
30	500	0.1	RMS	498.8	-58.09	-13	Pass	4701
500	795	0.1	RMS	777.3	19.89	60	Pass	2951
795	1000	0.1	RMS	987.9	-56.72	-13	Pass	2051
1000	3000	1	RMS	2670	-37.84	-13	Pass	2001
3000	10000	1	RMS	5770	-49.8	-13	Pass	7001



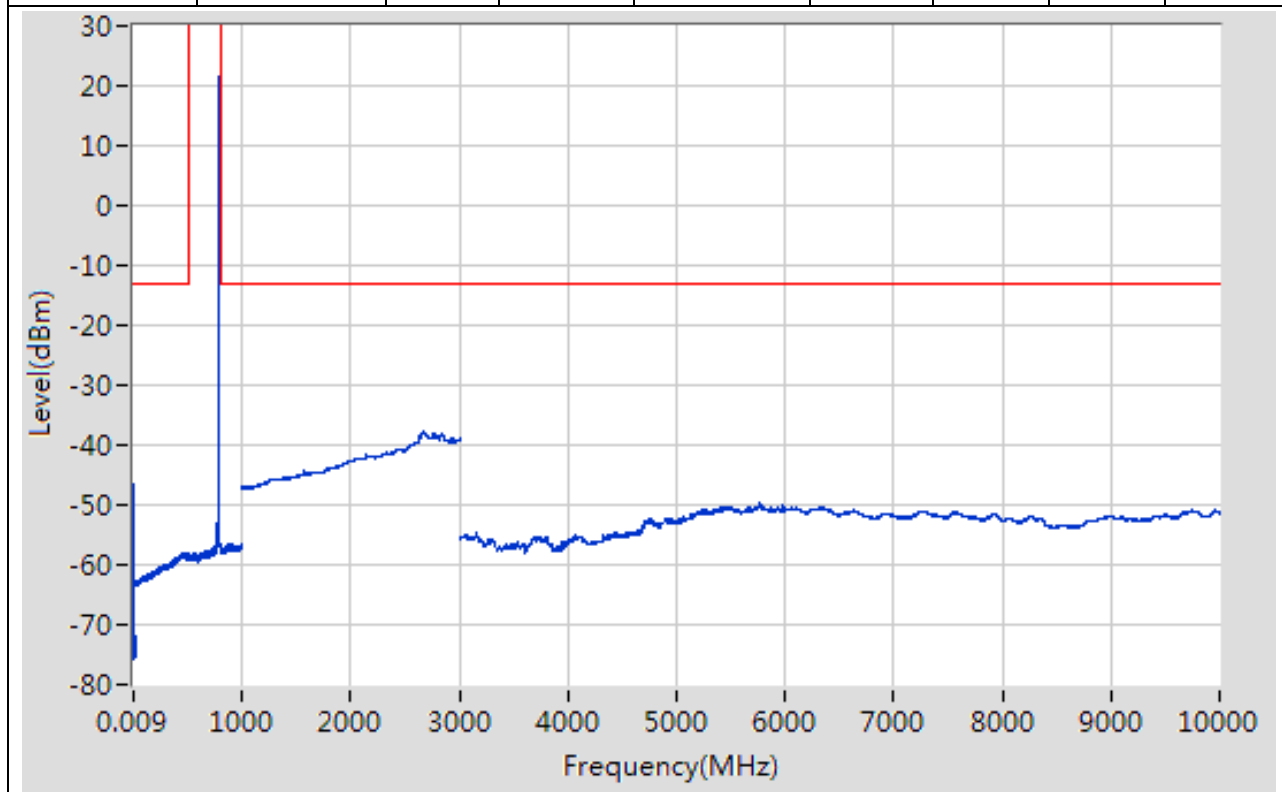
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-46.13	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.56	-13	Pass	2986
30	500	0.1	RMS	499.8	-57.98	-13	Pass	4701
500	795	0.1	RMS	781.7	20.41	60	Pass	2951
795	1000	0.1	RMS	998.4	-56.66	-13	Pass	2051
1000	3000	1	RMS	2669	-37.79	-13	Pass	2001
3000	10000	1	RMS	5768	-49.77	-13	Pass	7001



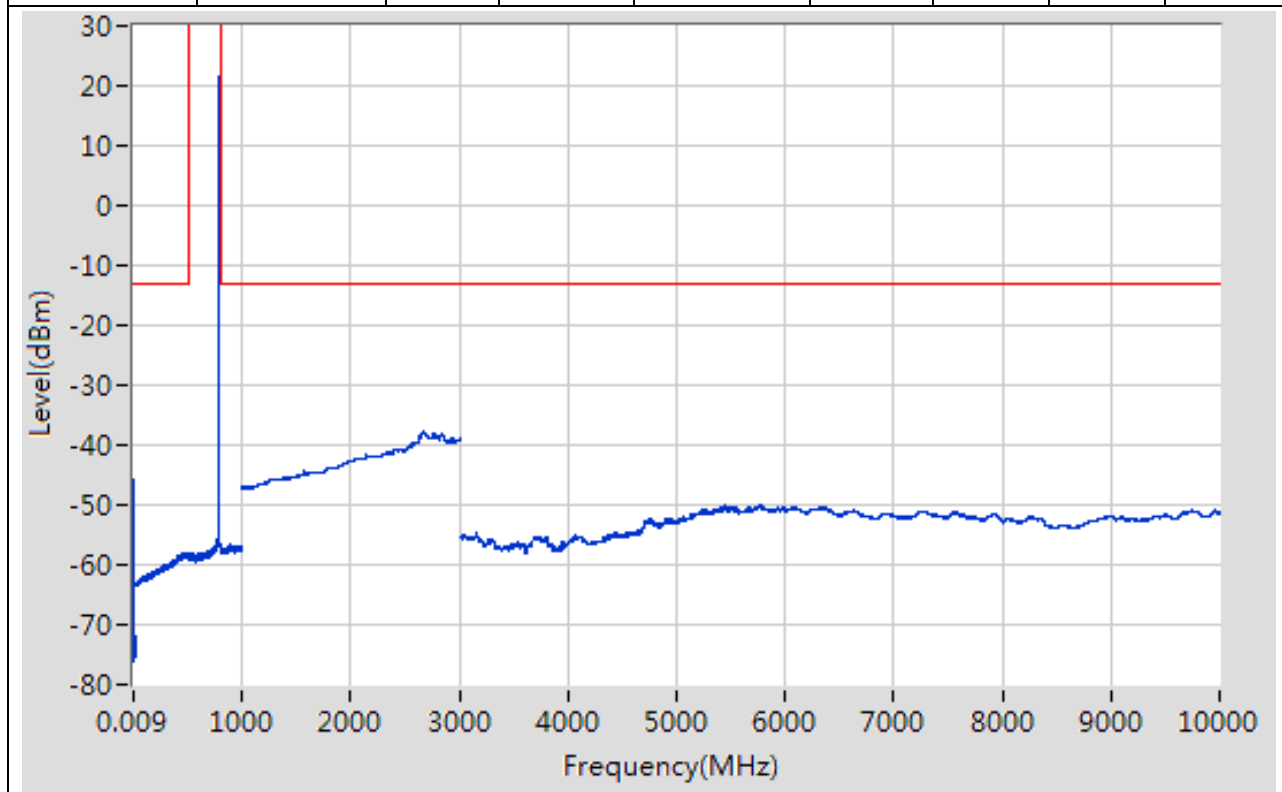
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.01	-46.39	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.35	-13	Pass	2986
30	500	0.1	RMS	499.8	-58.11	-13	Pass	4701
500	795	0.1	RMS	779.8	21.72	60	Pass	2951
795	1000	0.1	RMS	876.3	-56.67	-13	Pass	2051
1000	3000	1	RMS	2670	-37.8	-13	Pass	2001
3000	10000	1	RMS	5769	-49.79	-13	Pass	7001



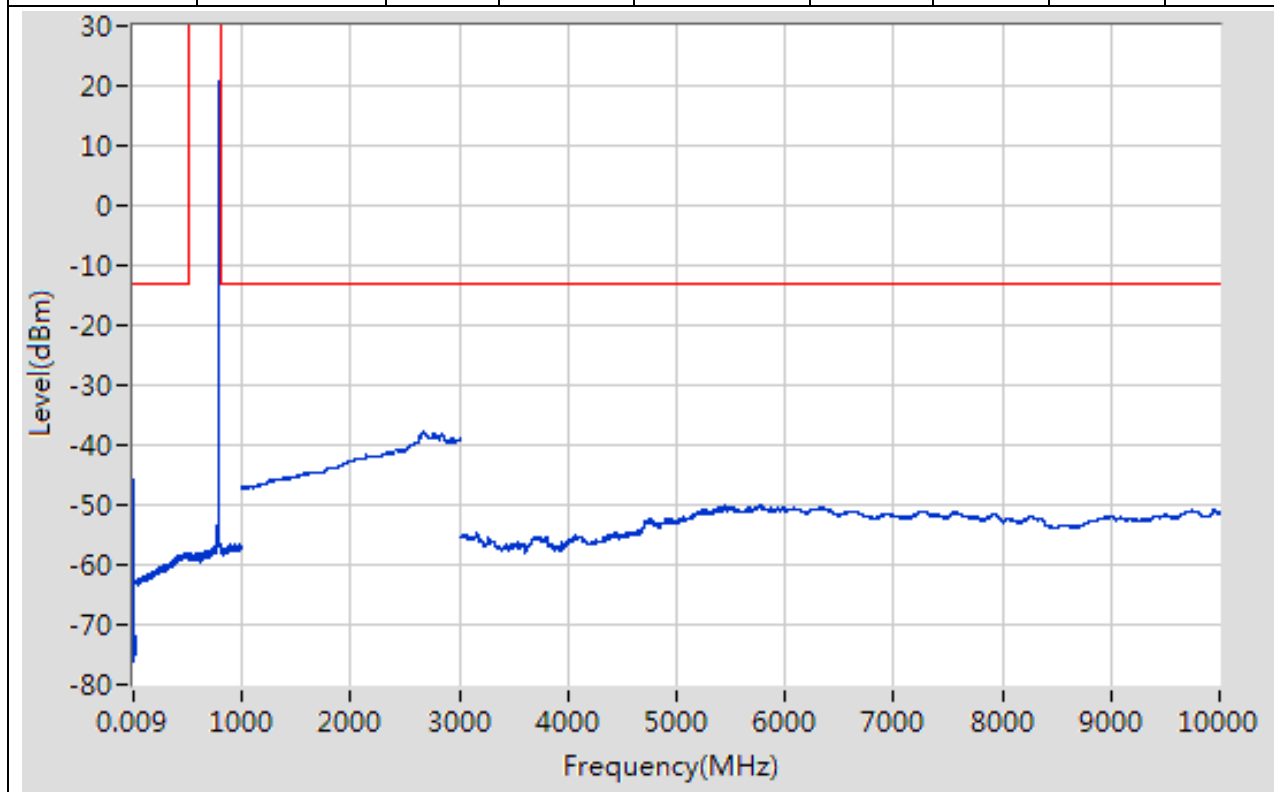
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-45.68	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.74	-13	Pass	2986
30	500	0.1	RMS	499.7	-58.07	-13	Pass	4701
500	795	0.1	RMS	784.2	21.54	60	Pass	2951
795	1000	0.1	RMS	894.6	-56.72	-13	Pass	2051
1000	3000	1	RMS	2668	-37.74	-13	Pass	2001
3000	10000	1	RMS	5770	-49.83	-13	Pass	7001



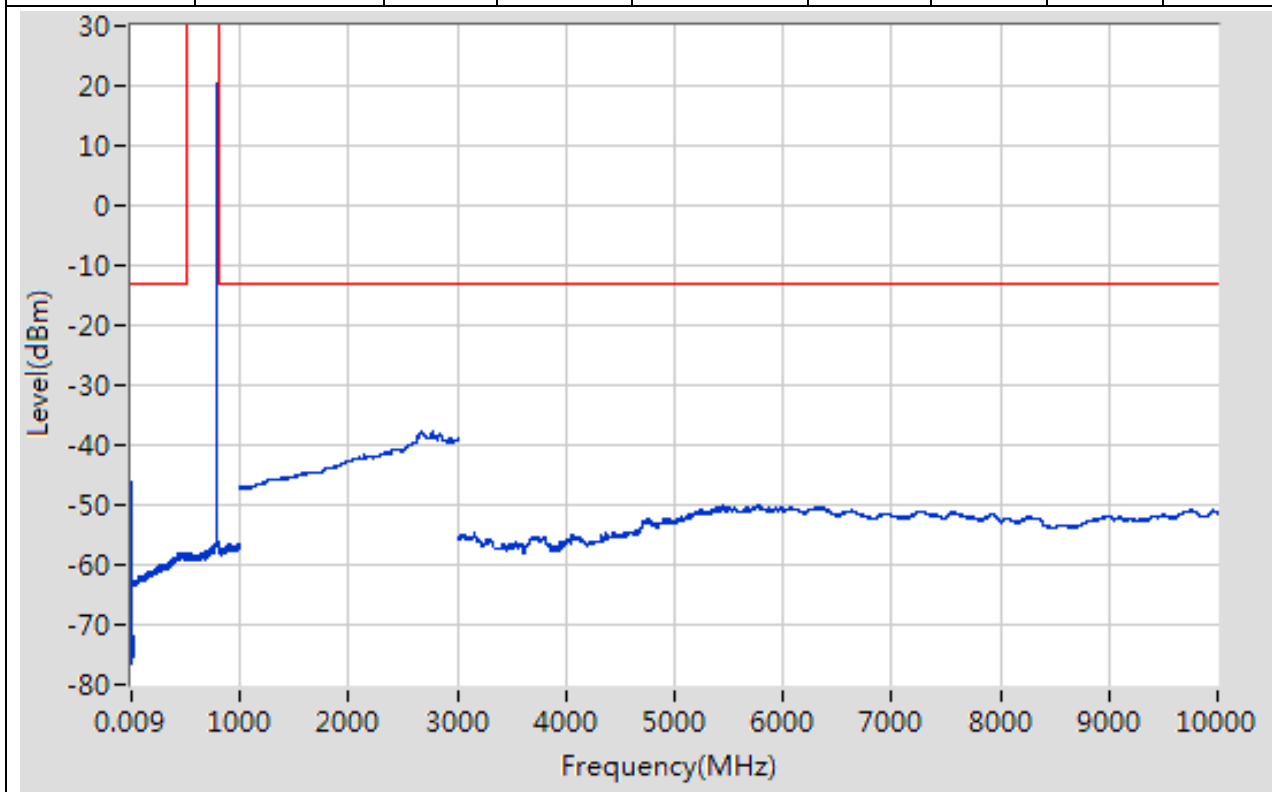
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.9	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.17	-13	Pass	2986
30	500	0.1	RMS	493.8	-57.93	-13	Pass	4701
500	795	0.1	RMS	779.8	20.82	60	Pass	2951
795	1000	0.1	RMS	899.8	-56.55	-13	Pass	2051
1000	3000	1	RMS	2670	-37.78	-13	Pass	2001
3000	10000	1	RMS	5769	-49.81	-13	Pass	7001



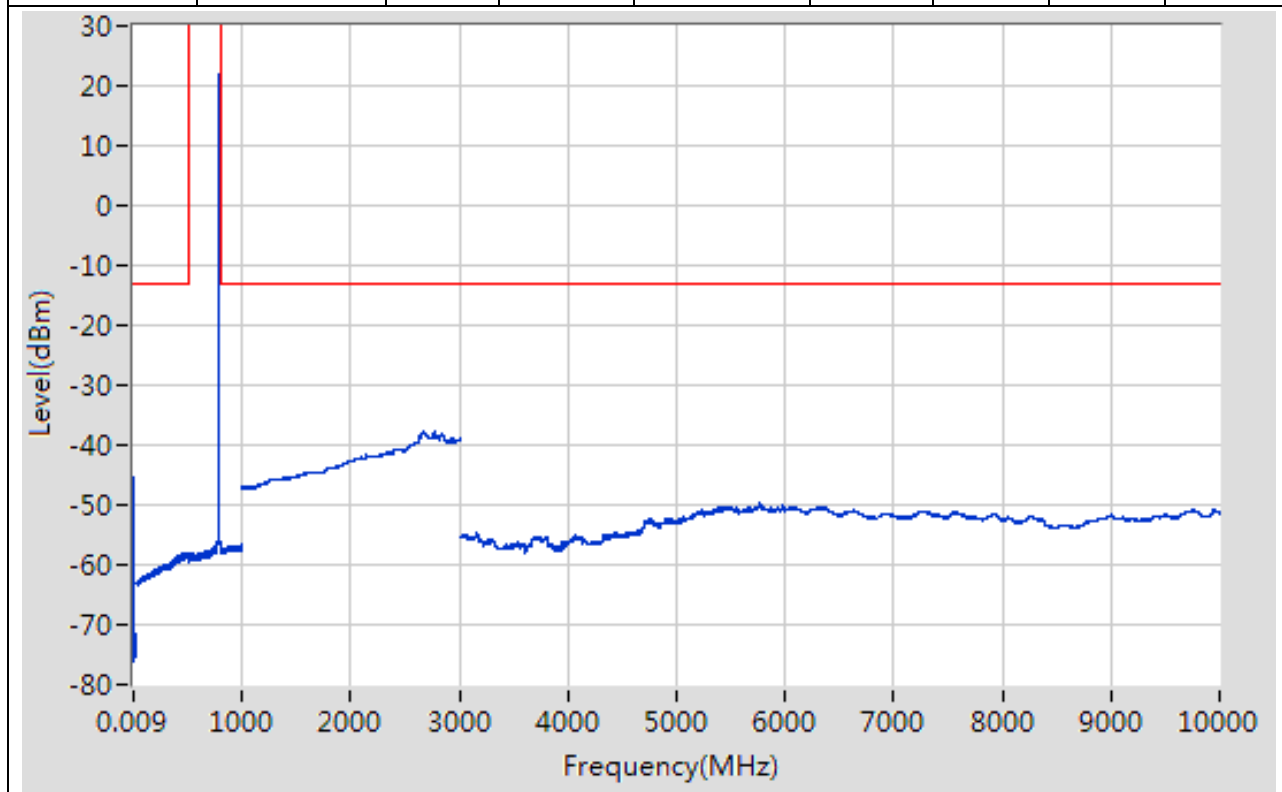
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-46.33	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.73	-13	Pass	2986
30	500	0.1	RMS	497.7	-57.97	-13	Pass	4701
500	795	0.1	RMS	784.2	20.42	60	Pass	2951
795	1000	0.1	RMS	992.5	-56.63	-13	Pass	2051
1000	3000	1	RMS	2668	-37.79	-13	Pass	2001
3000	10000	1	RMS	5769	-49.82	-13	Pass	7001



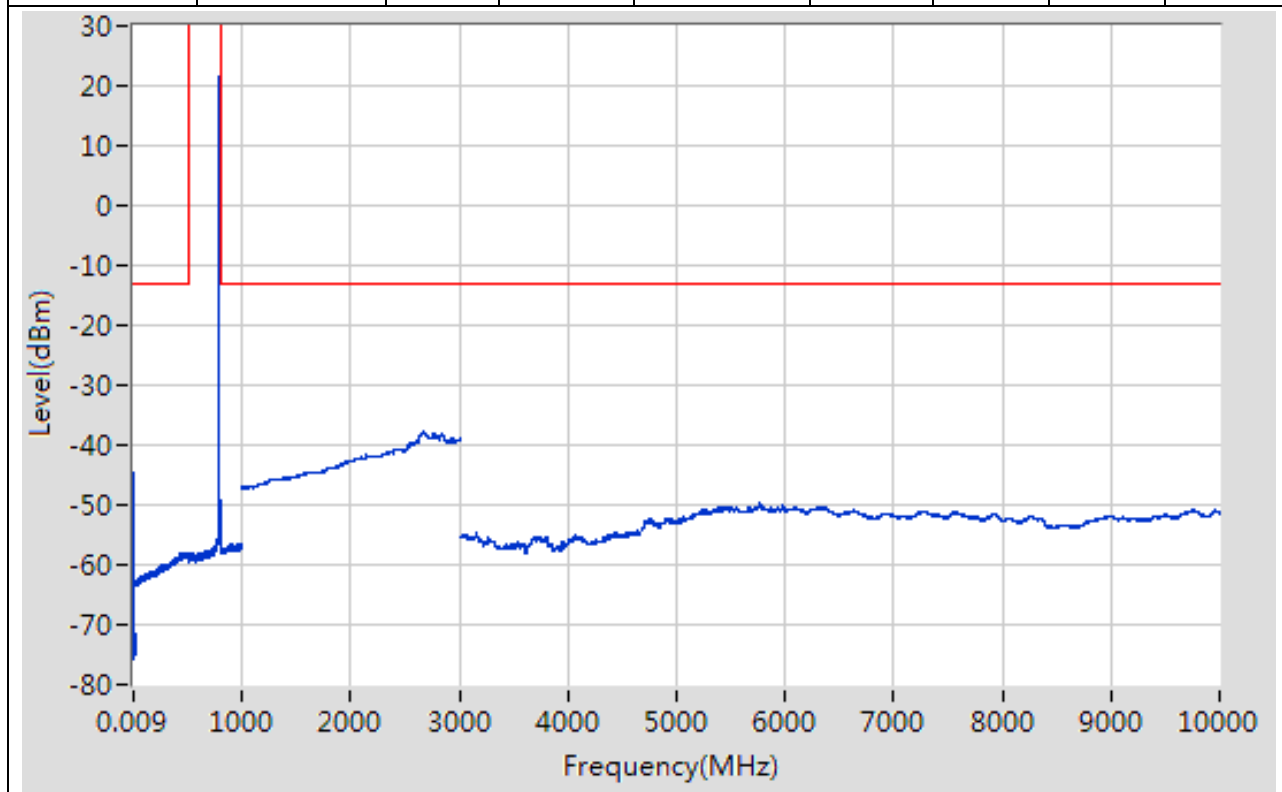
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.36	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.9	-13	Pass	2986
30	500	0.1	RMS	493.5	-58.07	-13	Pass	4701
500	795	0.1	RMS	782.3	21.79	60	Pass	2951
795	1000	0.1	RMS	795	-55.98	-13	Pass	2051
1000	3000	1	RMS	2669	-37.79	-13	Pass	2001
3000	10000	1	RMS	5770	-49.76	-13	Pass	7001



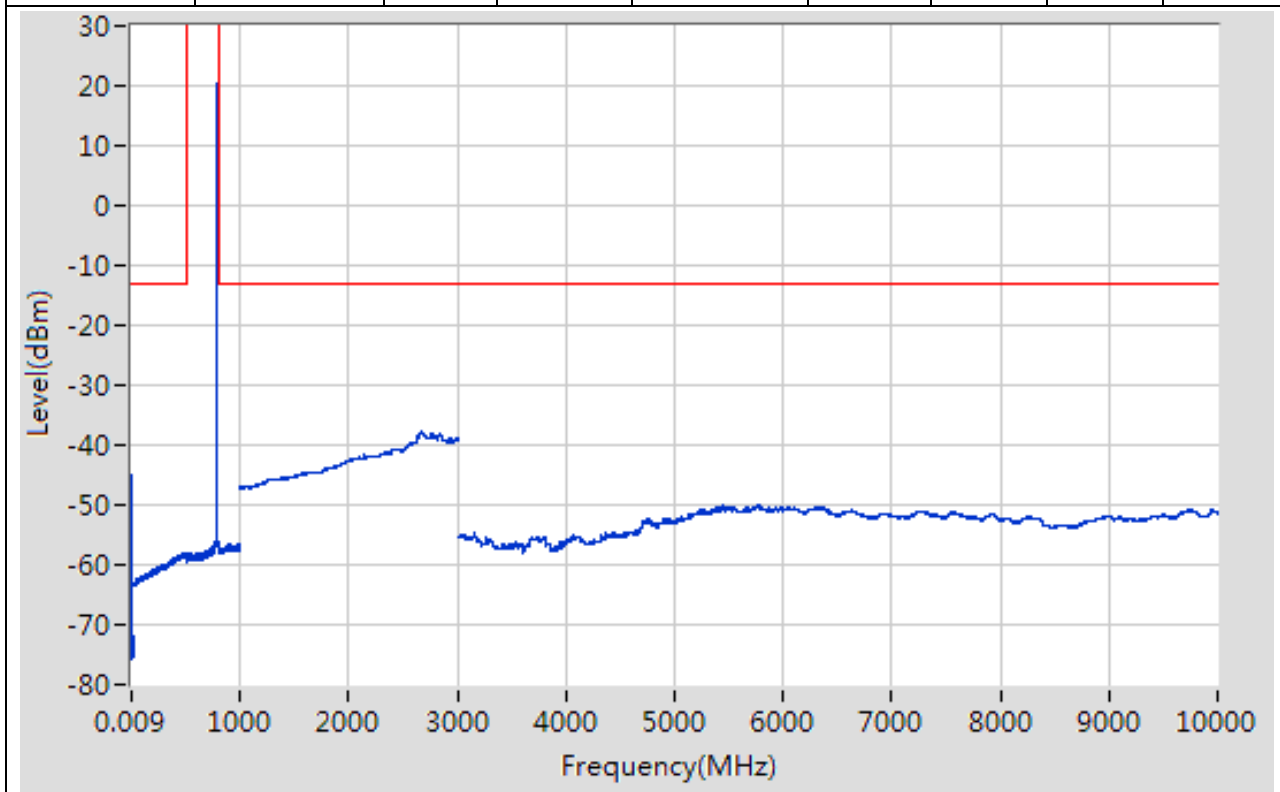
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-44.55	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.91	-13	Pass	2986
30	500	0.1	RMS	489.5	-58.08	-13	Pass	4701
500	795	0.1	RMS	786.7	21.37	60	Pass	2951
795	1000	0.1	RMS	795.3	-49.21	-13	Pass	2051
1000	3000	1	RMS	2670	-37.72	-13	Pass	2001
3000	10000	1	RMS	5767	-49.8	-13	Pass	7001



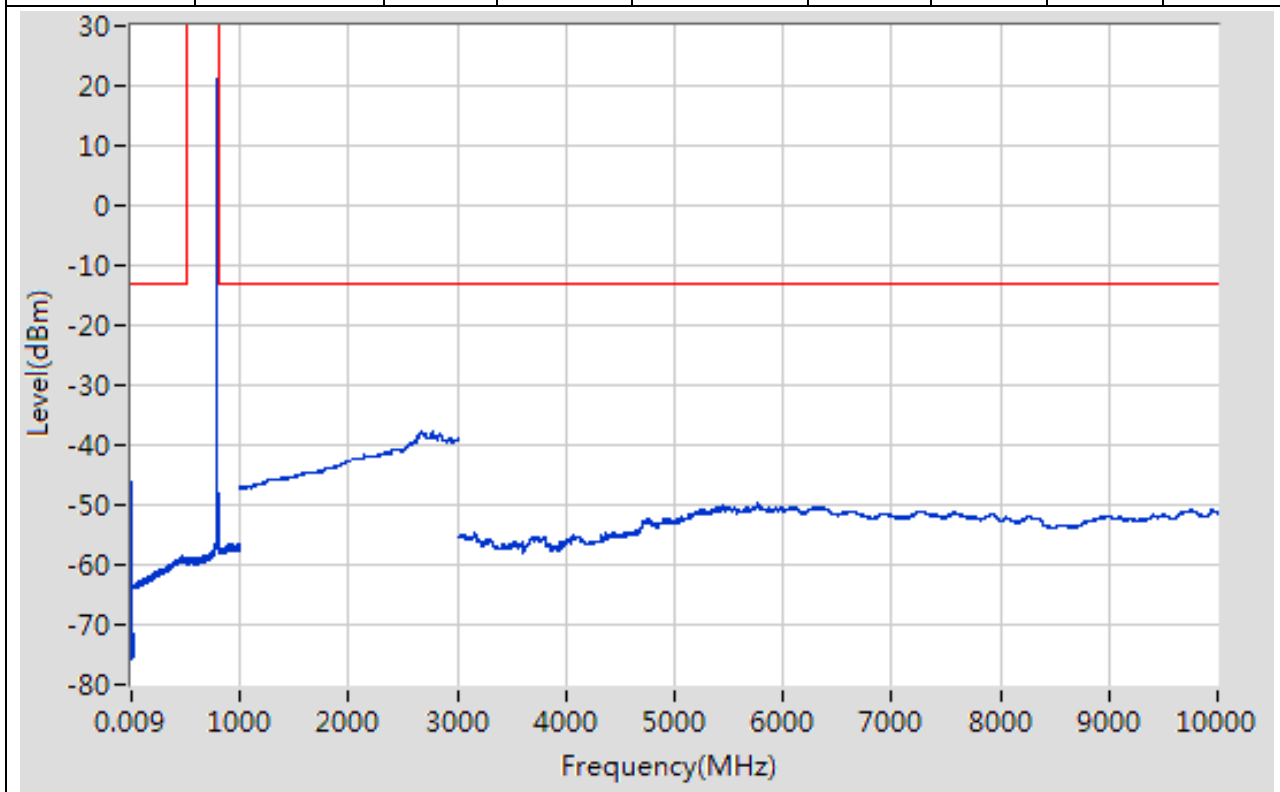
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.17	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.14	-13	Pass	2986
30	500	0.1	RMS	498.7	-58.05	-13	Pass	4701
500	795	0.1	RMS	782.3	20.22	60	Pass	2951
795	1000	0.1	RMS	795.3	-56.34	-13	Pass	2051
1000	3000	1	RMS	2670	-37.77	-13	Pass	2001
3000	10000	1	RMS	5770	-49.83	-13	Pass	7001



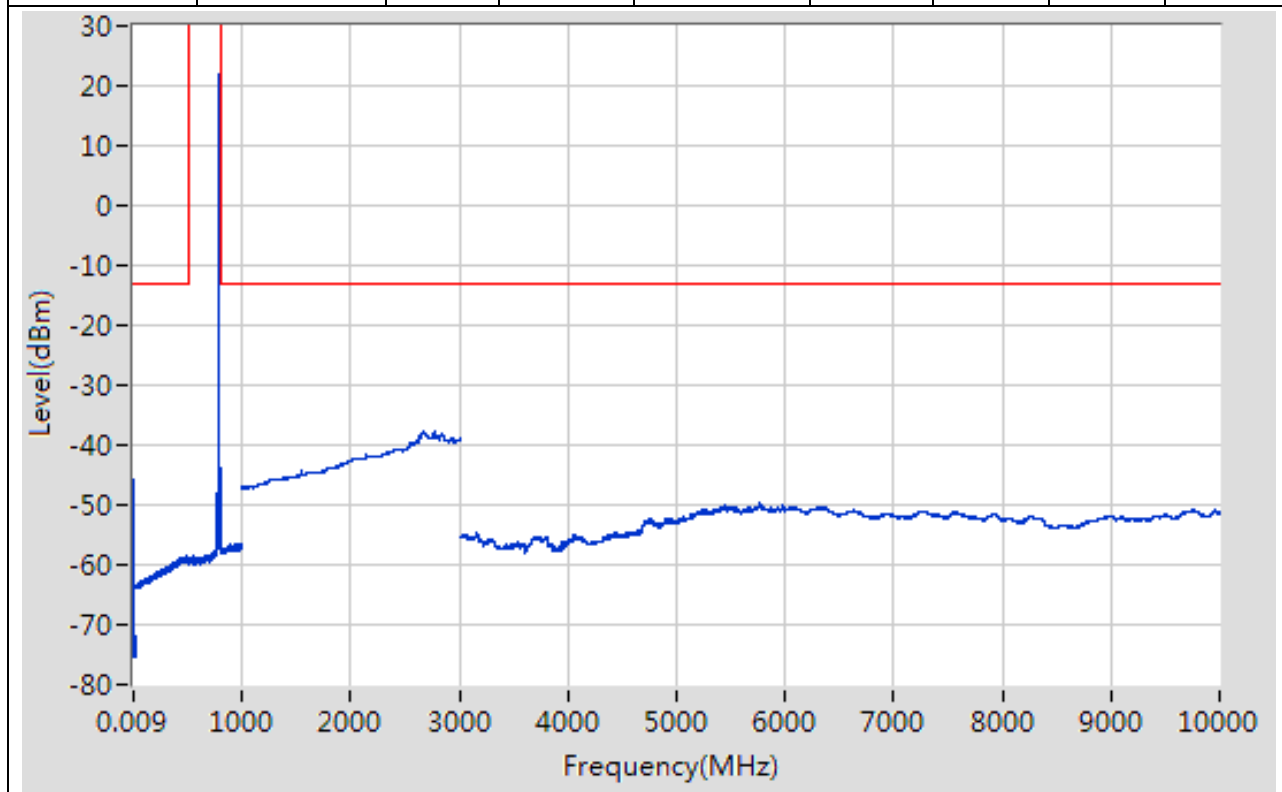
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	0.011	-45.96	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.63	-13	Pass	2986
30	500	0.1	RMS	457.7	-58.63	-13	Pass	4701
500	795	0.1	RMS	786.7	21.1	60	Pass	2951
795	1000	0.1	RMS	795.3	-48.26	-13	Pass	2051
1000	3000	1	RMS	2672	-37.77	-13	Pass	2001
3000	10000	1	RMS	5770	-49.76	-13	Pass	7001



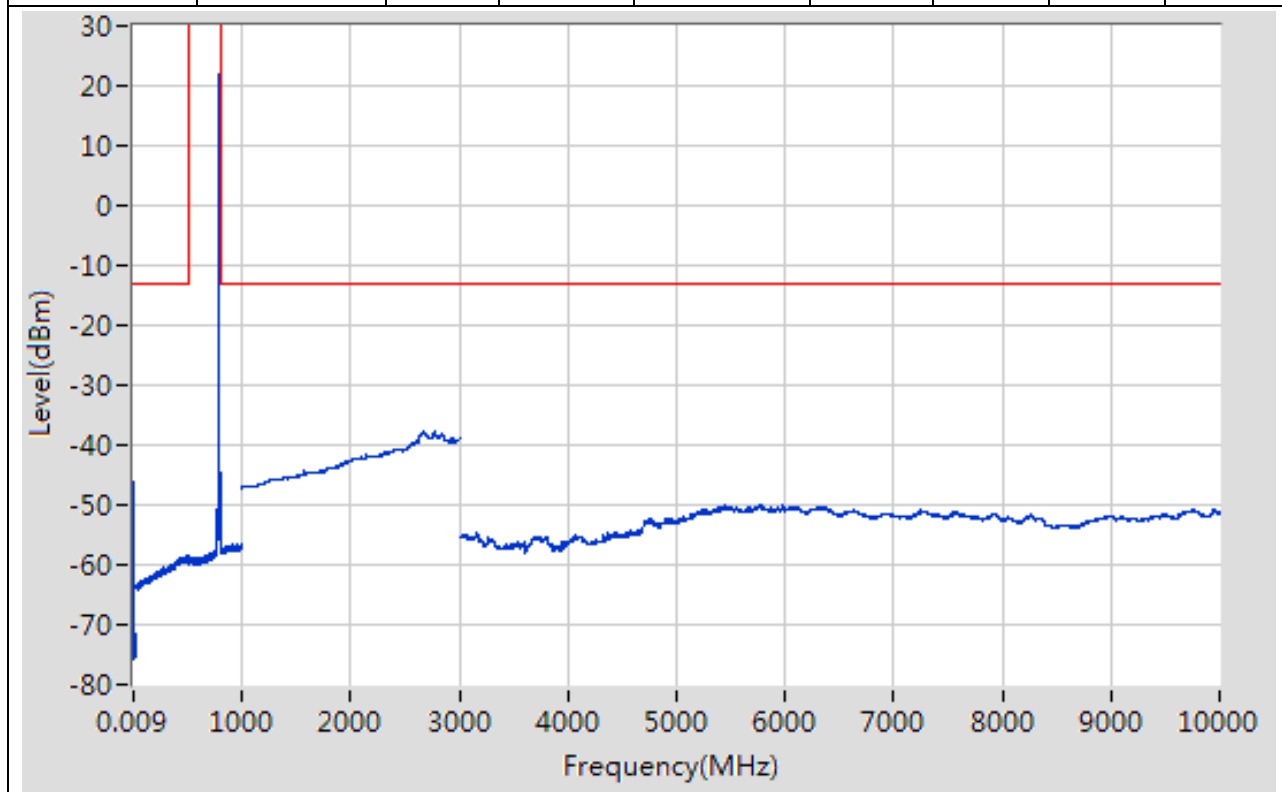
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.8	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.68	-13	Pass	2986
30	500	0.1	RMS	495.8	-58.63	-13	Pass	4701
500	795	0.1	RMS	777.6	21.96	60	Pass	2951
795	1000	0.1	RMS	795.2	-44.03	-13	Pass	2051
1000	3000	1	RMS	2670	-37.75	-13	Pass	2001
3000	10000	1	RMS	5771	-49.73	-13	Pass	7001



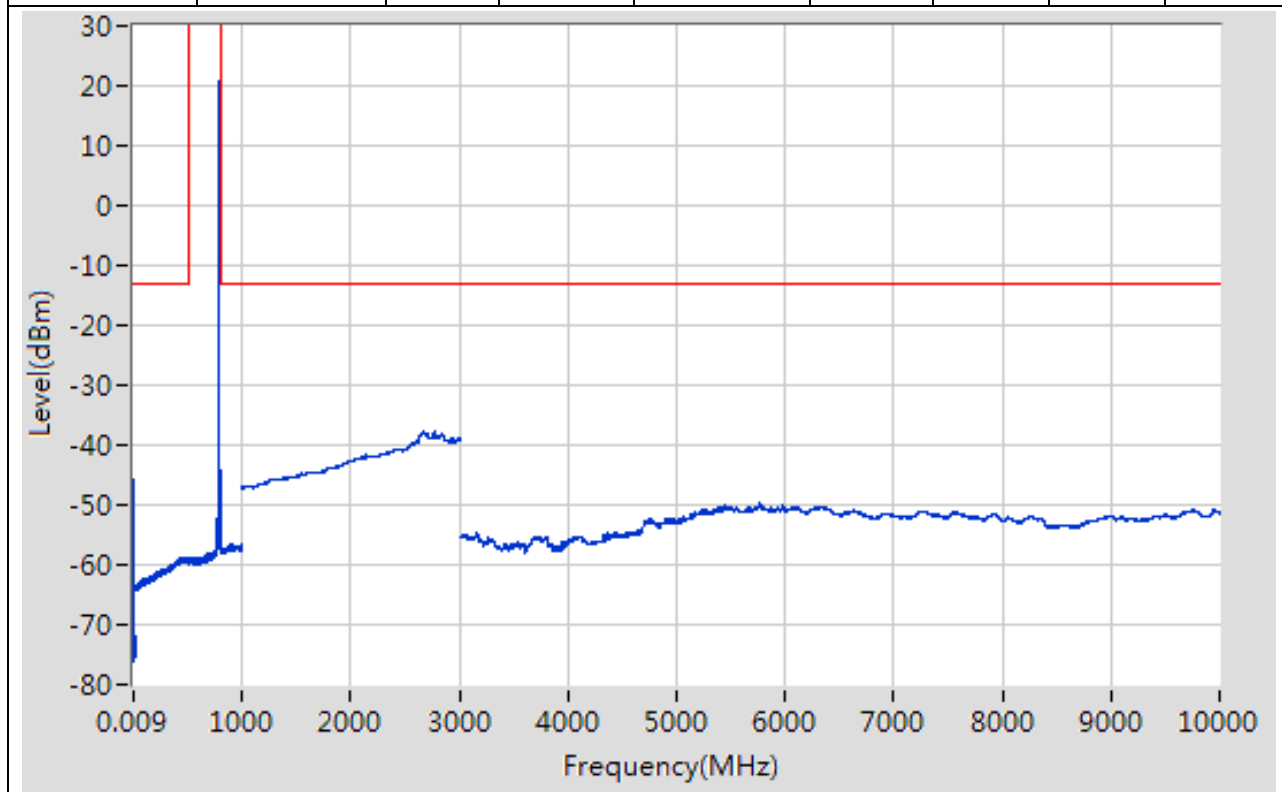
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-46.22	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.75	-13	Pass	2986
30	500	0.1	RMS	494	-58.56	-13	Pass	4701
500	795	0.1	RMS	786.4	22.02	60	Pass	2951
795	1000	0.1	RMS	795.2	-44.46	-13	Pass	2051
1000	3000	1	RMS	2670	-37.73	-13	Pass	2001
3000	10000	1	RMS	5768	-49.87	-13	Pass	7001



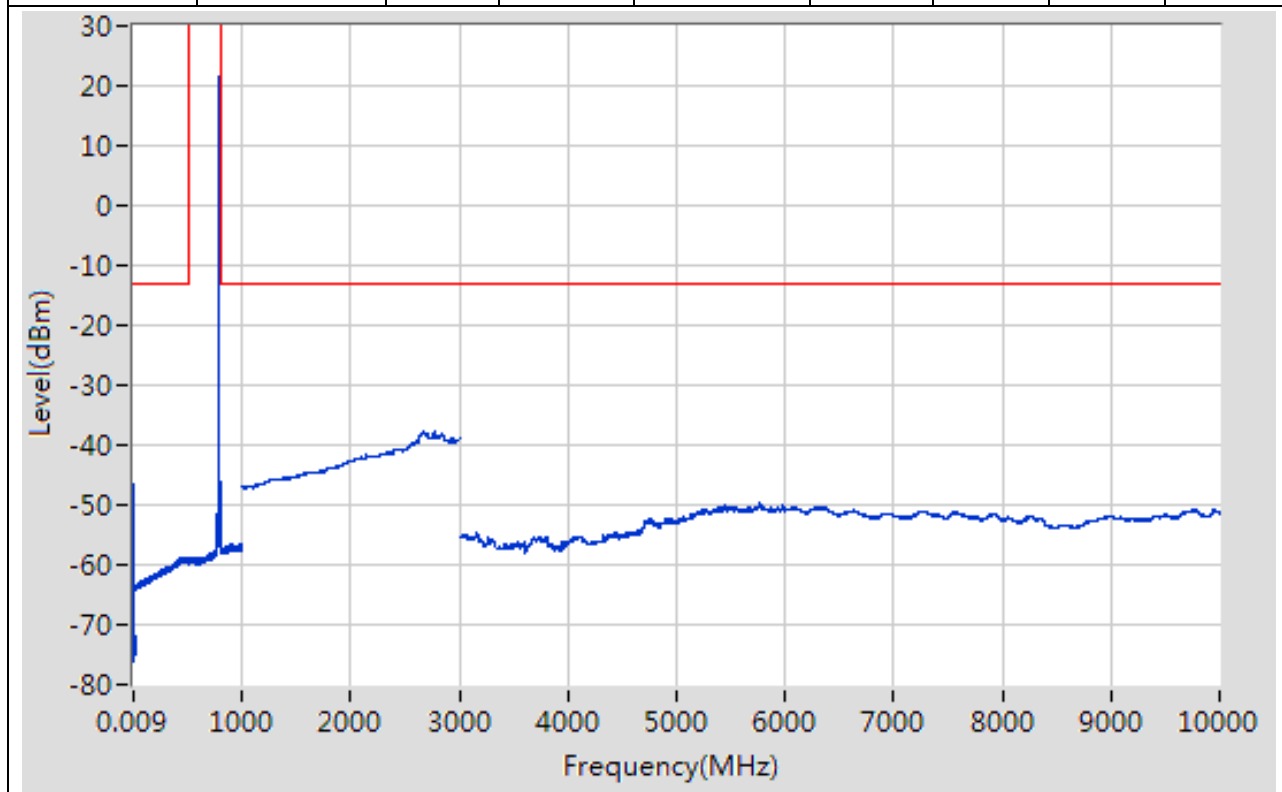
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.59	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.73	-13	Pass	2986
30	500	0.1	RMS	495.1	-58.74	-13	Pass	4701
500	795	0.1	RMS	777.6	20.96	60	Pass	2951
795	1000	0.1	RMS	795.2	-44.33	-13	Pass	2051
1000	3000	1	RMS	2669	-37.76	-13	Pass	2001
3000	10000	1	RMS	5770	-49.72	-13	Pass	7001



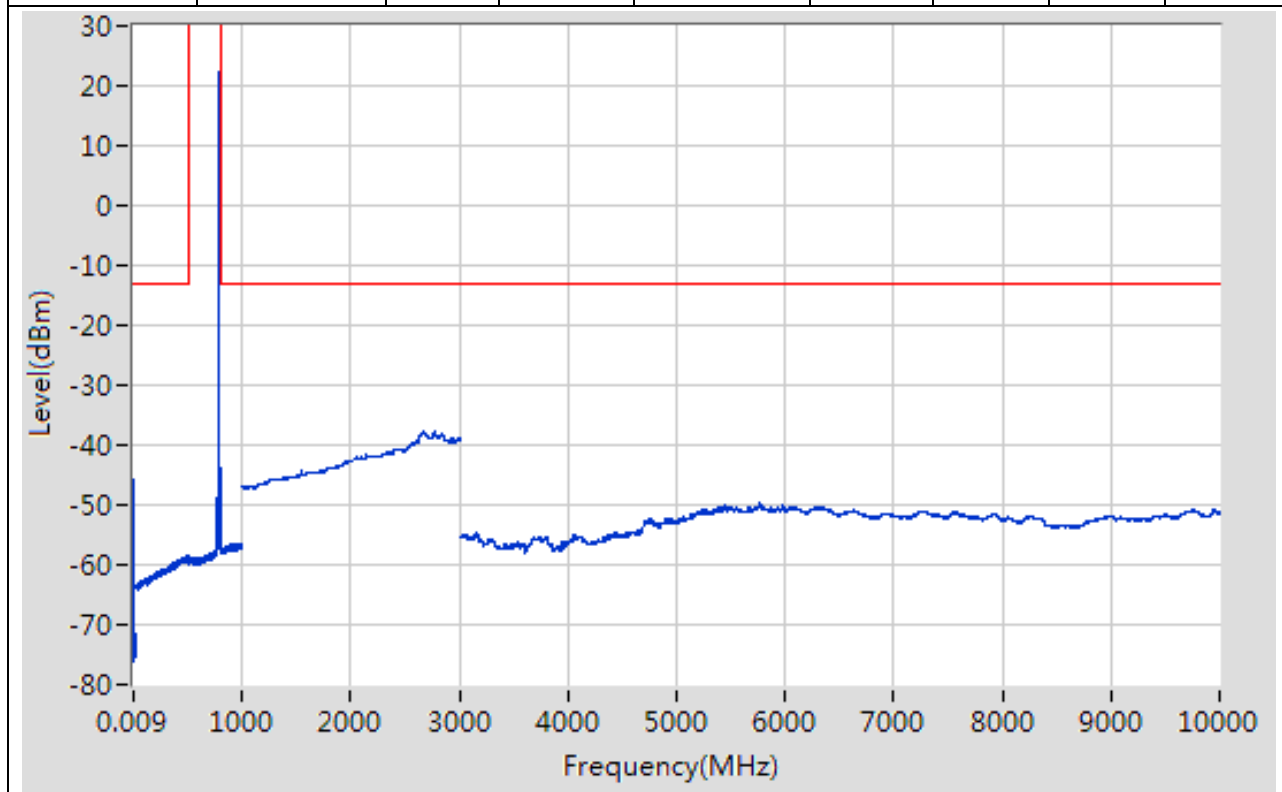
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-46.59	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.76	-13	Pass	2986
30	500	0.1	RMS	495	-58.67	-13	Pass	4701
500	795	0.1	RMS	786.4	21.36	60	Pass	2951
795	1000	0.1	RMS	795.2	-46.09	-13	Pass	2051
1000	3000	1	RMS	2671	-37.77	-13	Pass	2001
3000	10000	1	RMS	5769	-49.73	-13	Pass	7001



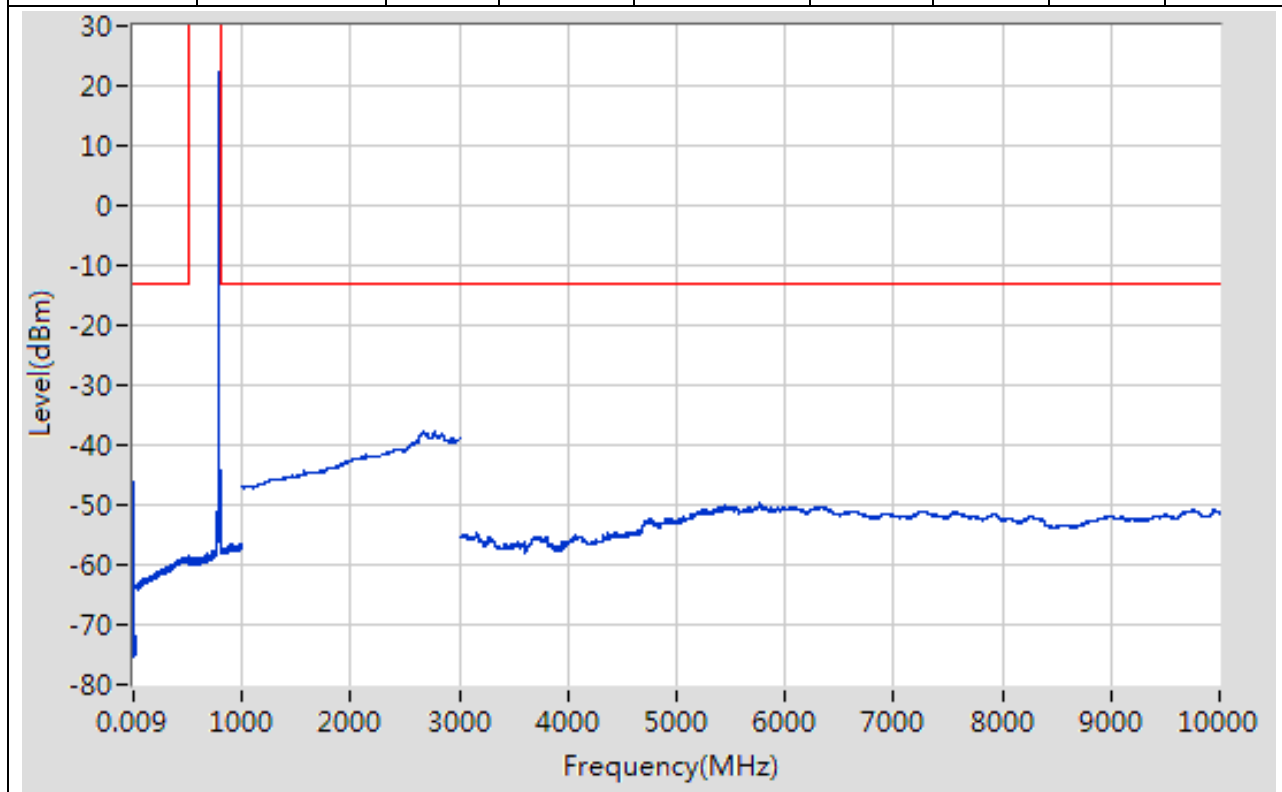
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.94	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.08	-13	Pass	2986
30	500	0.1	RMS	496.7	-58.55	-13	Pass	4701
500	795	0.1	RMS	777.6	22.12	60	Pass	2951
795	1000	0.1	RMS	795.2	-43.97	-13	Pass	2051
1000	3000	1	RMS	2671	-37.74	-13	Pass	2001
3000	10000	1	RMS	5769	-49.8	-13	Pass	7001



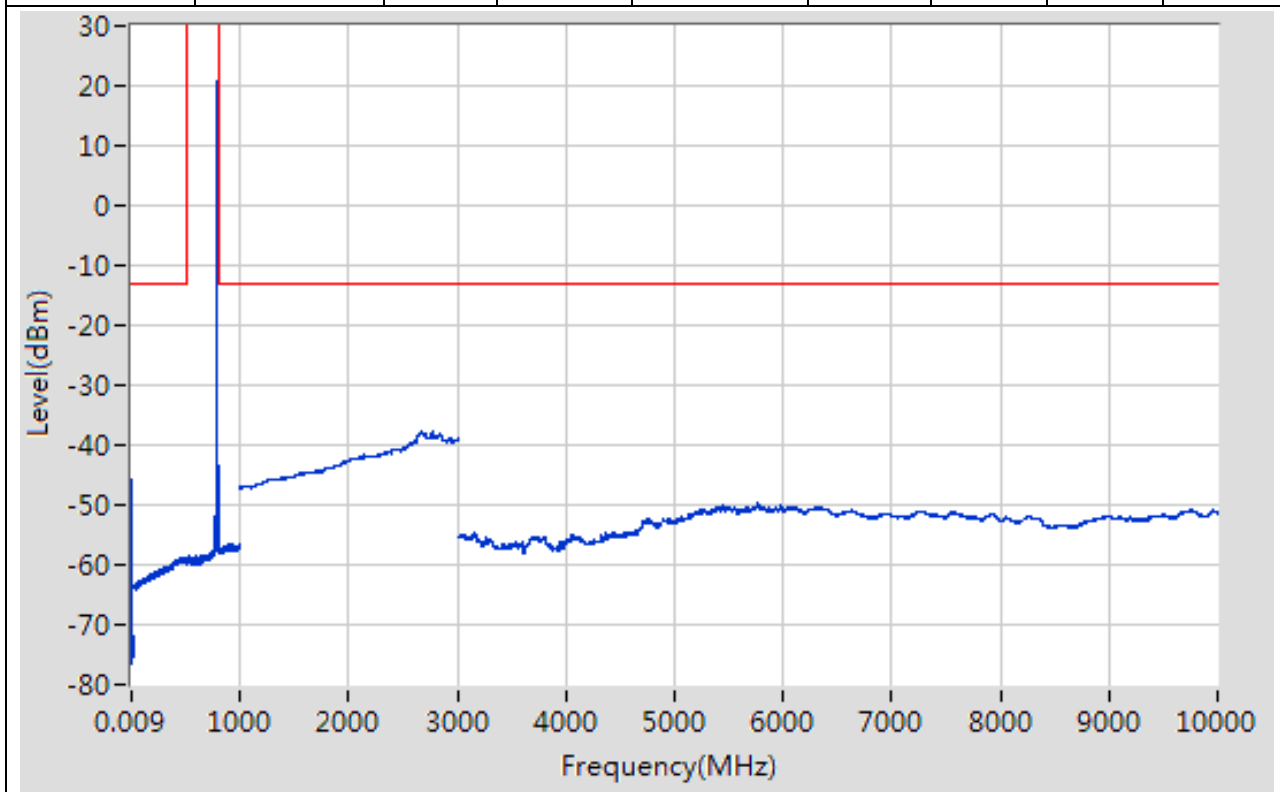
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-46.23	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.77	-13	Pass	2986
30	500	0.1	RMS	498.7	-58.57	-13	Pass	4701
500	795	0.1	RMS	786.4	22.21	60	Pass	2951
795	1000	0.1	RMS	795.2	-44.31	-13	Pass	2051
1000	3000	1	RMS	2673	-37.79	-13	Pass	2001
3000	10000	1	RMS	5769	-49.75	-13	Pass	7001



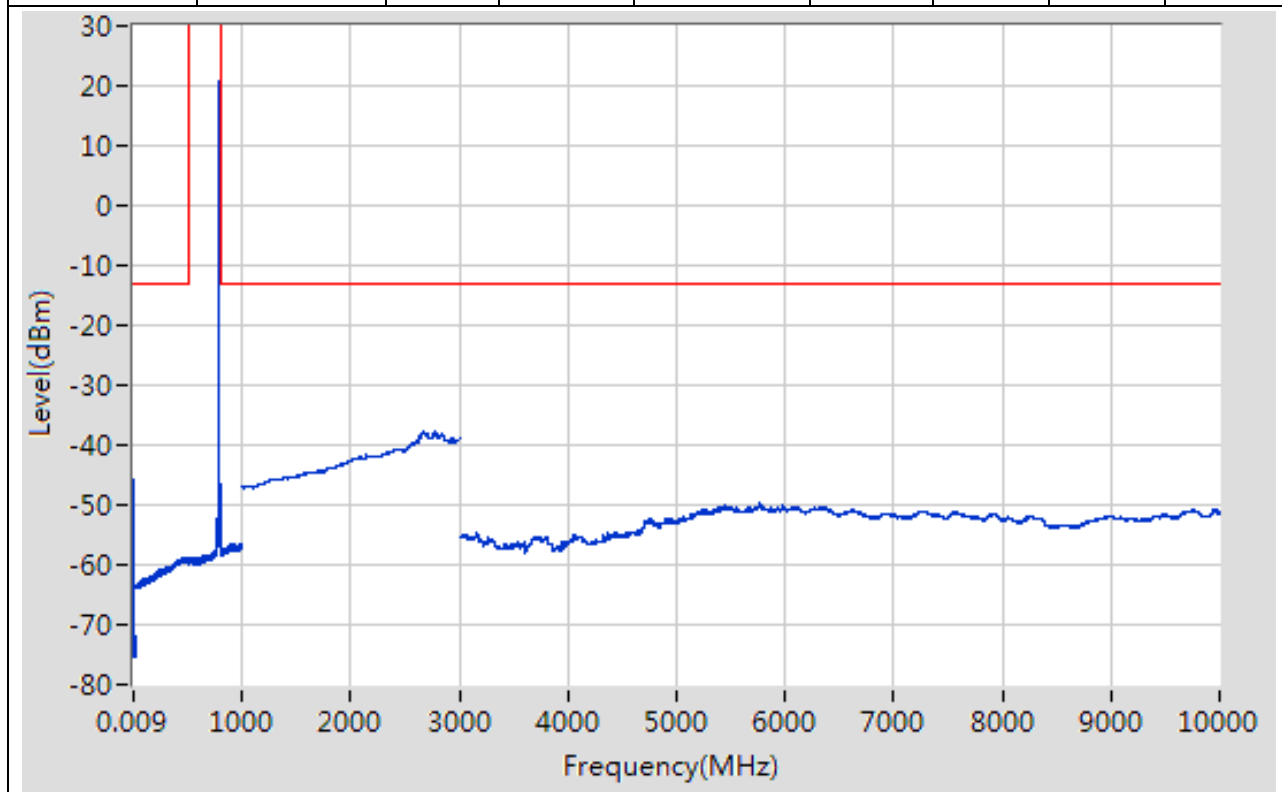
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.76	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.64	-13	Pass	2986
30	500	0.1	RMS	499.8	-58.69	-13	Pass	4701
500	795	0.1	RMS	777.6	20.96	60	Pass	2951
795	1000	0.1	RMS	795.2	-43.65	-13	Pass	2051
1000	3000	1	RMS	2667	-37.73	-13	Pass	2001
3000	10000	1	RMS	5770	-49.67	-13	Pass	7001



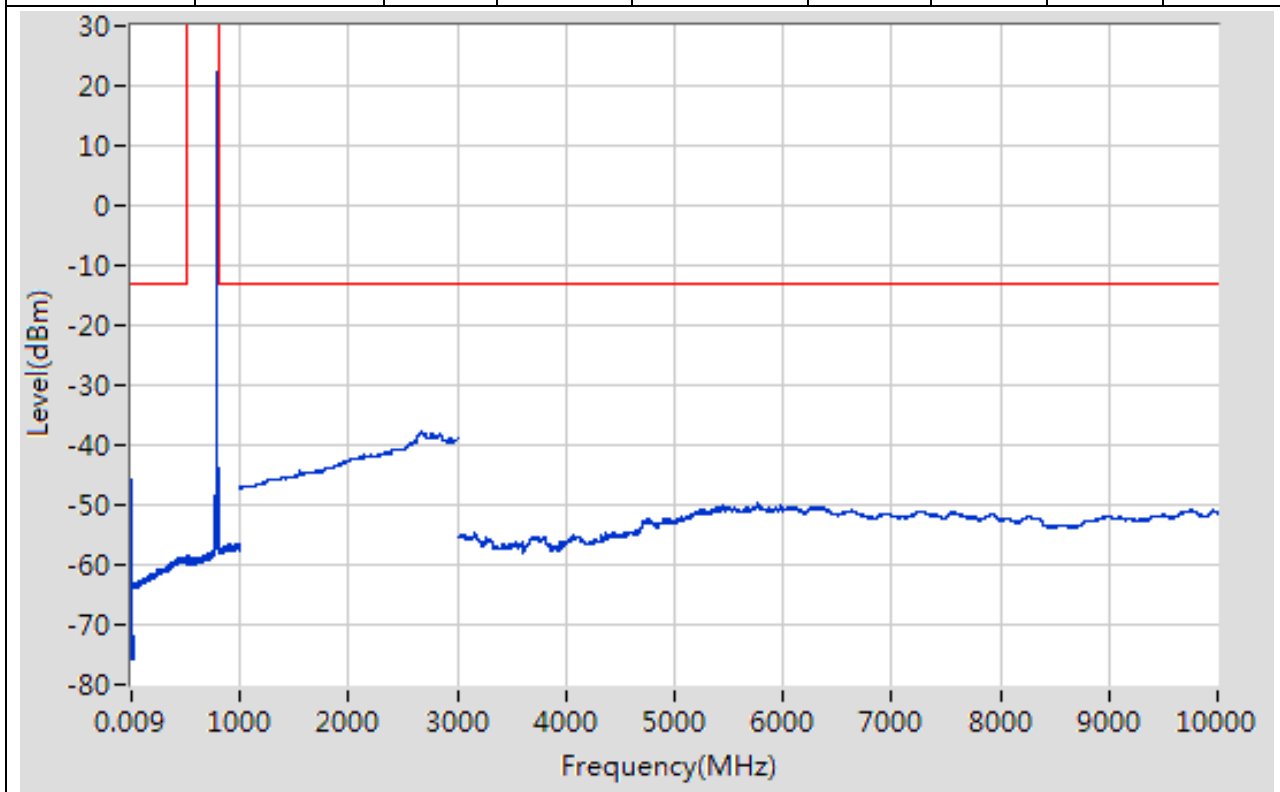
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-45.9	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.58	-13	Pass	2986
30	500	0.1	RMS	489.9	-58.68	-13	Pass	4701
500	795	0.1	RMS	786.4	20.89	60	Pass	2951
795	1000	0.1	RMS	795.3	-46.52	-13	Pass	2051
1000	3000	1	RMS	2669	-37.74	-13	Pass	2001
3000	10000	1	RMS	5770	-49.78	-13	Pass	7001



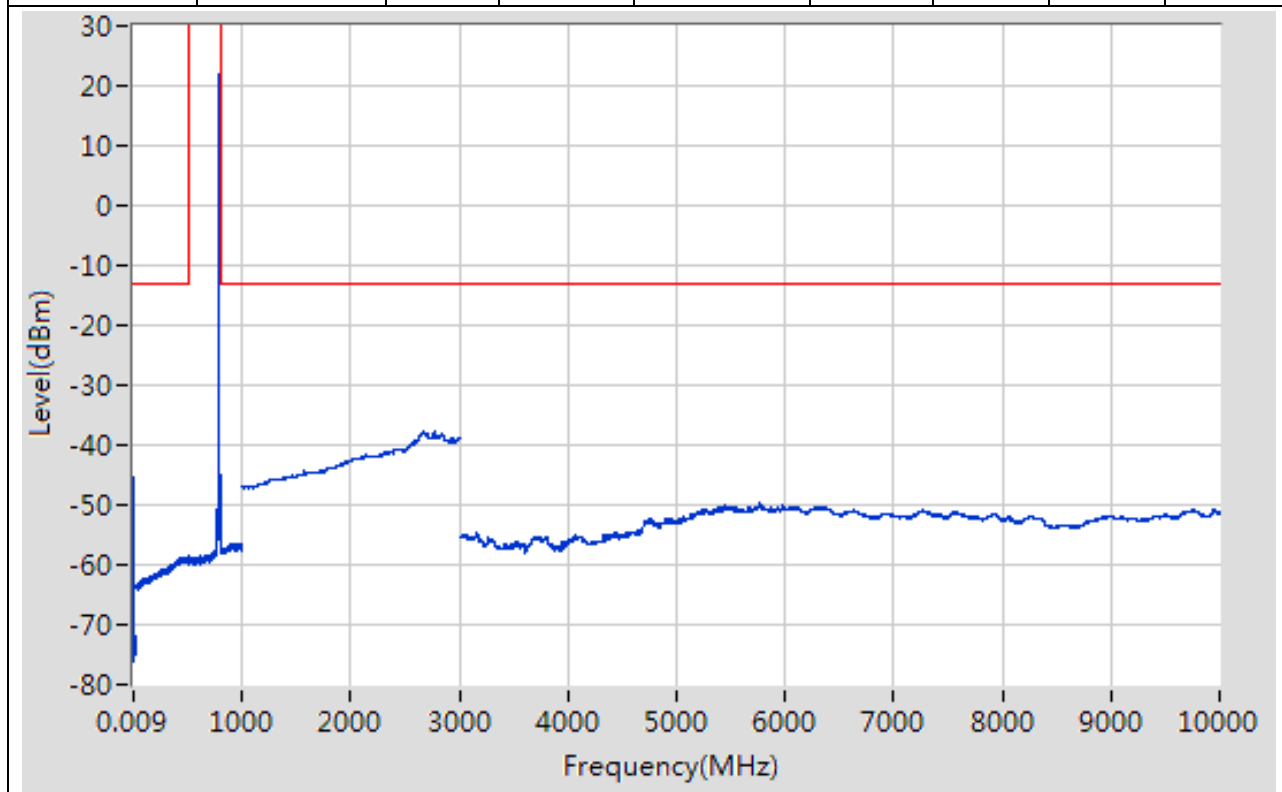
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-45.61	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.77	-13	Pass	2986
30	500	0.1	RMS	499.4	-58.64	-13	Pass	4701
500	795	0.1	RMS	777.6	22.16	60	Pass	2951
795	1000	0.1	RMS	795.2	-43.83	-13	Pass	2051
1000	3000	1	RMS	2671	-37.75	-13	Pass	2001
3000	10000	1	RMS	5770	-49.74	-13	Pass	7001



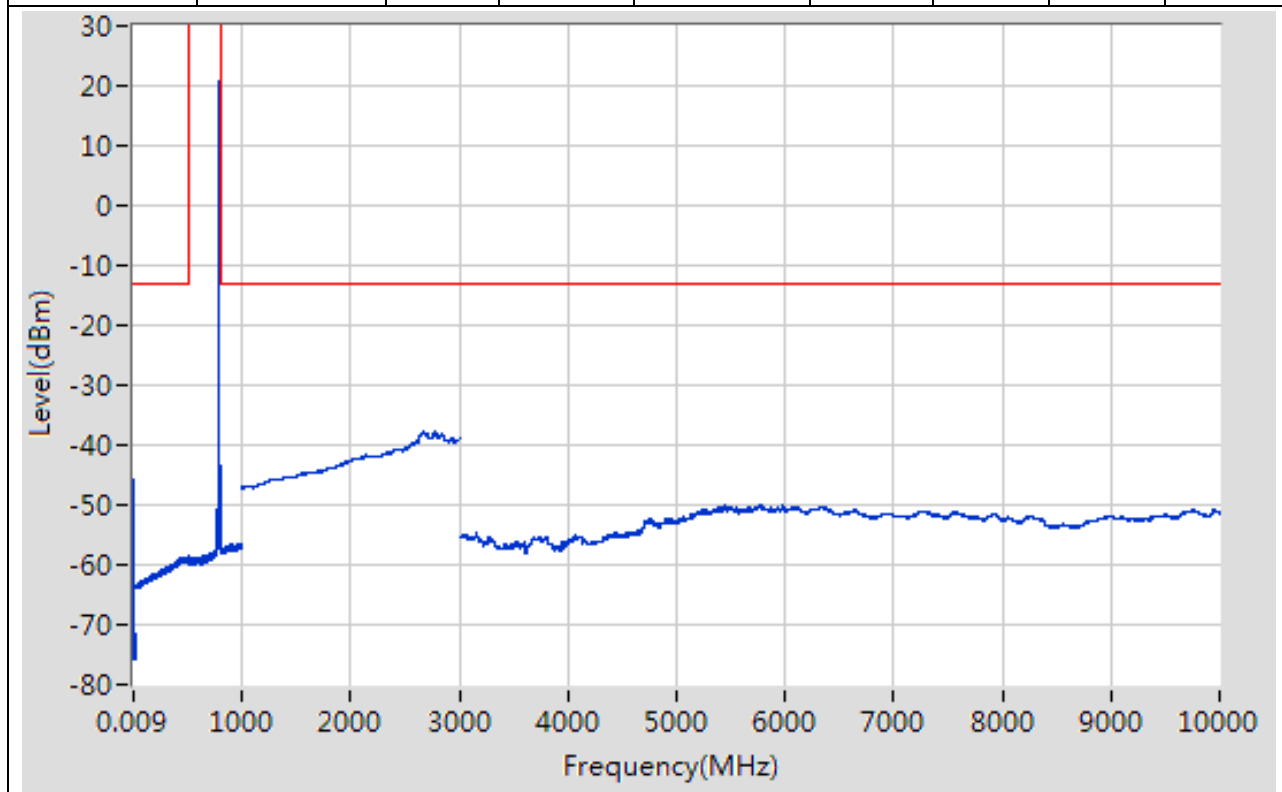
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-45.24	-13	Pass	401
0.15	30	0.01	RMS	0.15	-47.51	-13	Pass	2986
30	500	0.1	RMS	499.6	-58.62	-13	Pass	4701
500	795	0.1	RMS	786.4	22.04	60	Pass	2951
795	1000	0.1	RMS	795.2	-44.91	-13	Pass	2051
1000	3000	1	RMS	2669	-37.73	-13	Pass	2001
3000	10000	1	RMS	5770	-49.8	-13	Pass	7001



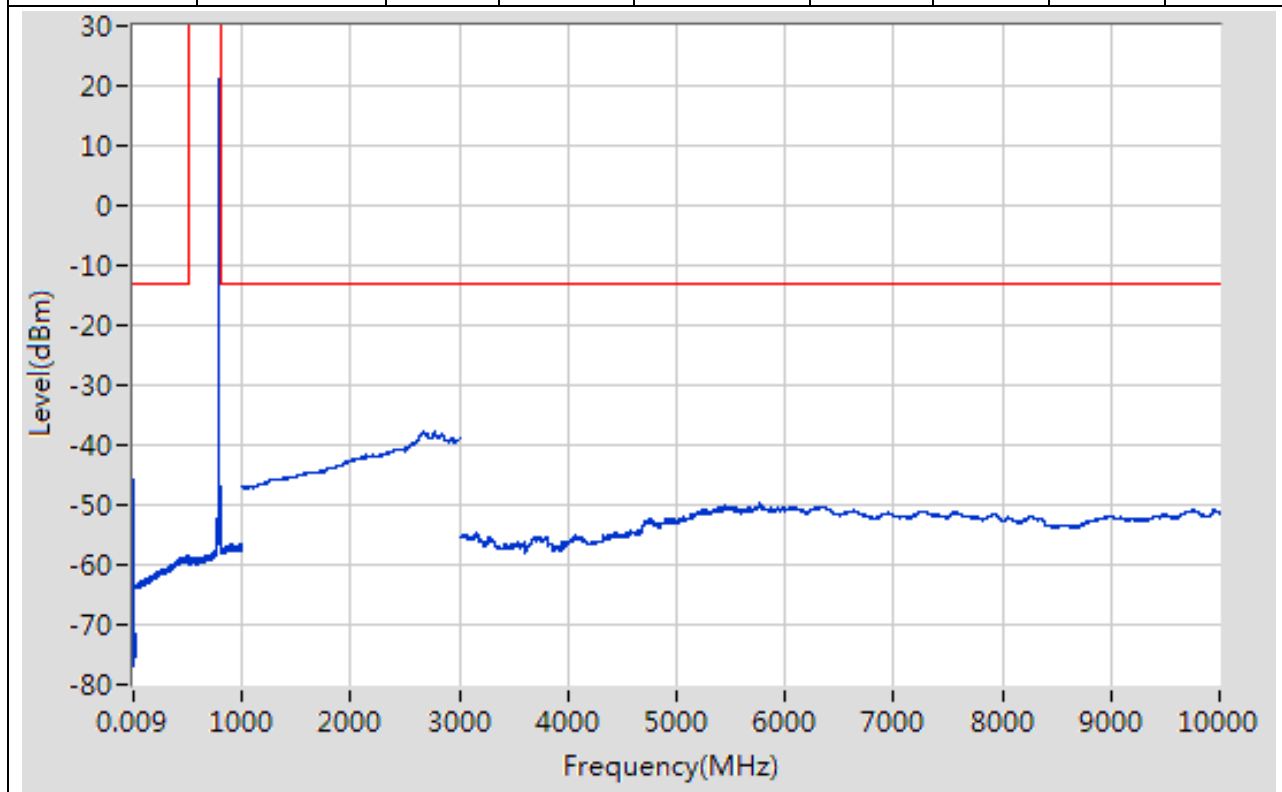
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-45.75	-13	Pass	401
0.15	30	0.01	RMS	0.15	-48.76	-13	Pass	2986
30	500	0.1	RMS	499.9	-58.53	-13	Pass	4701
500	795	0.1	RMS	777.6	20.94	60	Pass	2951
795	1000	0.1	RMS	795.2	-43.43	-13	Pass	2051
1000	3000	1	RMS	2668	-37.71	-13	Pass	2001
3000	10000	1	RMS	5768	-49.81	-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	-45.87	-13	Pass	401
0.15	30	0.01	RMS	0.15	-49.45	-13	Pass	2986
30	500	0.1	RMS	497.2	-58.58	-13	Pass	4701
500	795	0.1	RMS	786.4	21.08	60	Pass	2951
795	1000	0.1	RMS	795.2	-46.88	-13	Pass	2051
1000	3000	1	RMS	2669	-37.72	-13	Pass	2001
3000	10000	1	RMS	5770	-49.77	-13	Pass	7001



END