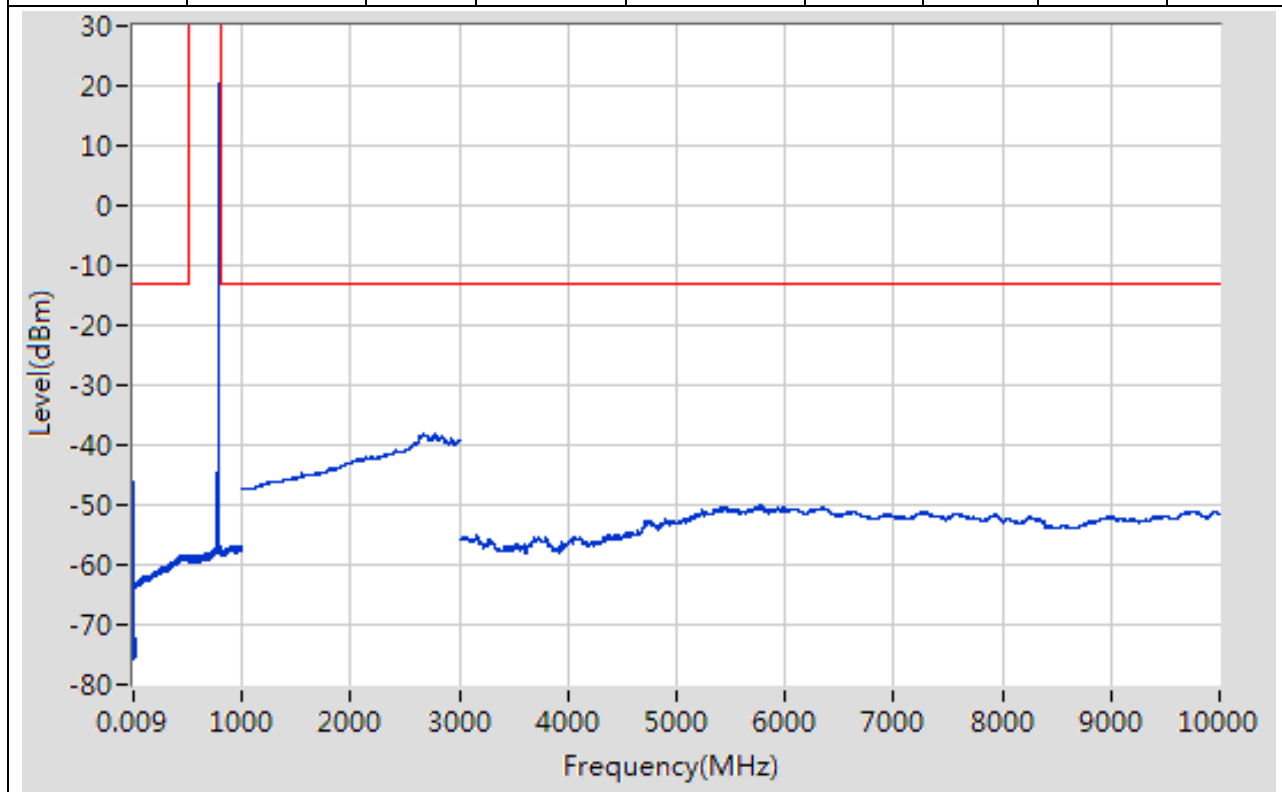


Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band13

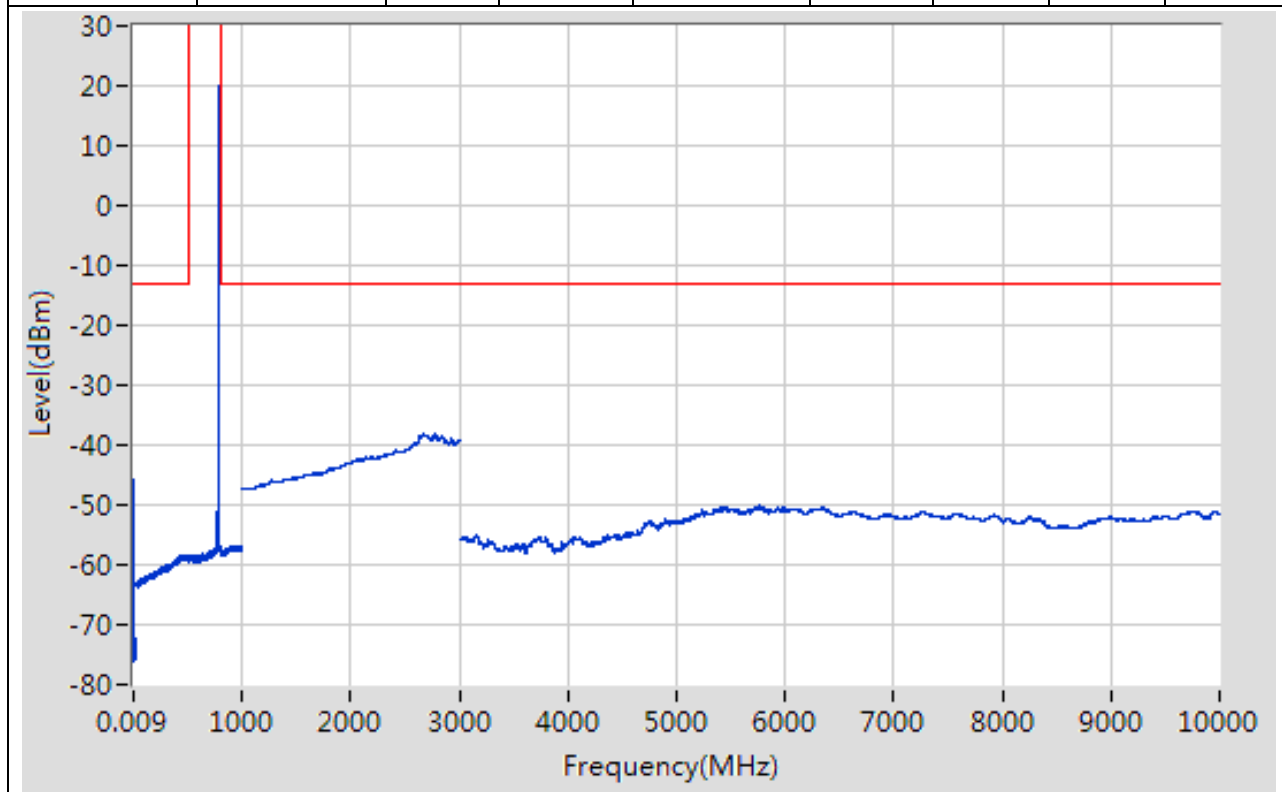
1.1. LTE Transmitter Spurious Emissions(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-48.31	-13	Pass	401
0.15	30	0.01	RMS	0.16	-46.15	-13	Pass	2986
30	500	0.1	RMS	492	-58.29	-13	Pass	4701
500	795	0.1	RMS	777.3	20.24	60	Pass	2951
795	1000	0.1	RMS	996.6	-56.88	-13	Pass	2051
1000	3000	1	RMS	2671	-38.03	-13	Pass	2001
3000	10000	1	RMS	5767	-49.99	-13	Pass	7001



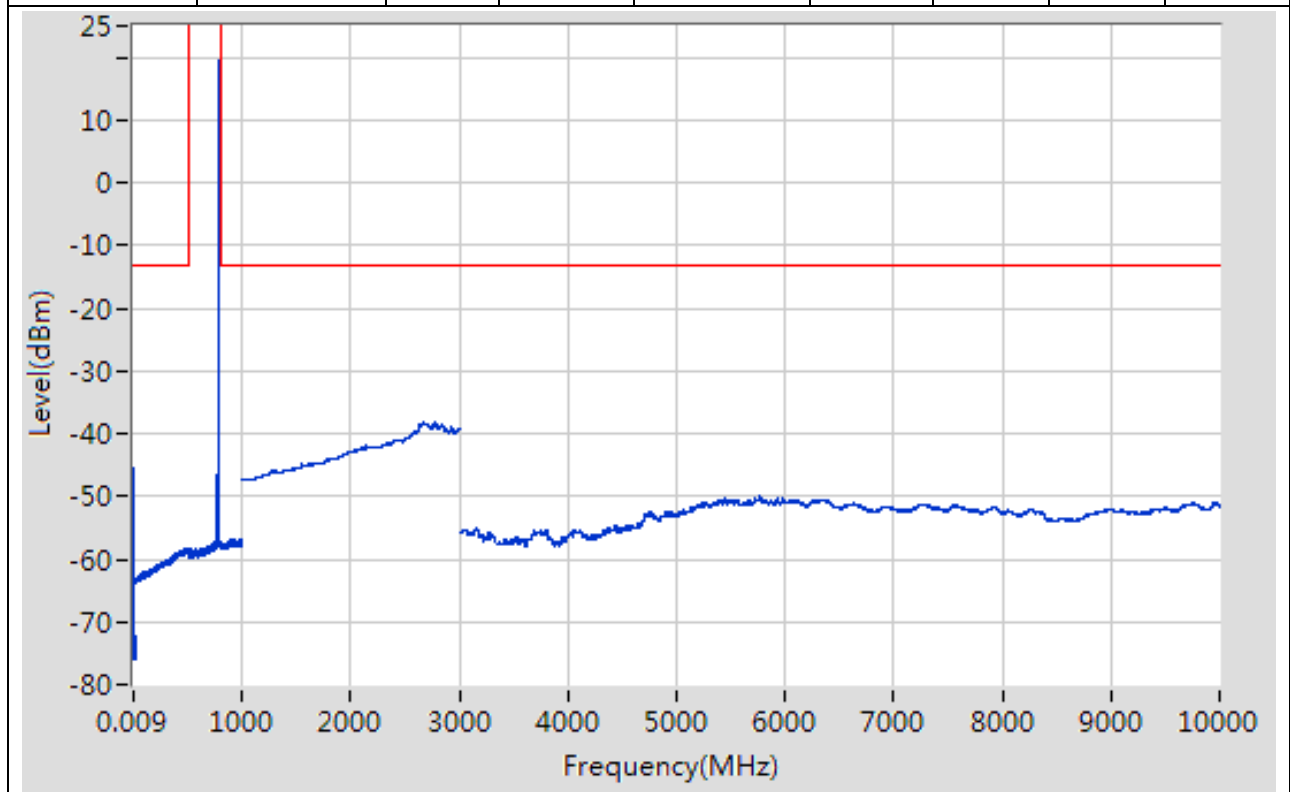
1.2. LTE Transmitter Spurious Emissions(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	0.01	-49.06	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.62	-13	Pass	2986
30	500	0.1	RMS	496.2	-58.32	-13	Pass	4701
500	795	0.1	RMS	781.7	20.08	60	Pass	2951
795	1000	0.1	RMS	900.6	-56.85	-13	Pass	2051
1000	3000	1	RMS	2671	-38.05	-13	Pass	2001
3000	10000	1	RMS	5769	-49.94	-13	Pass	7001



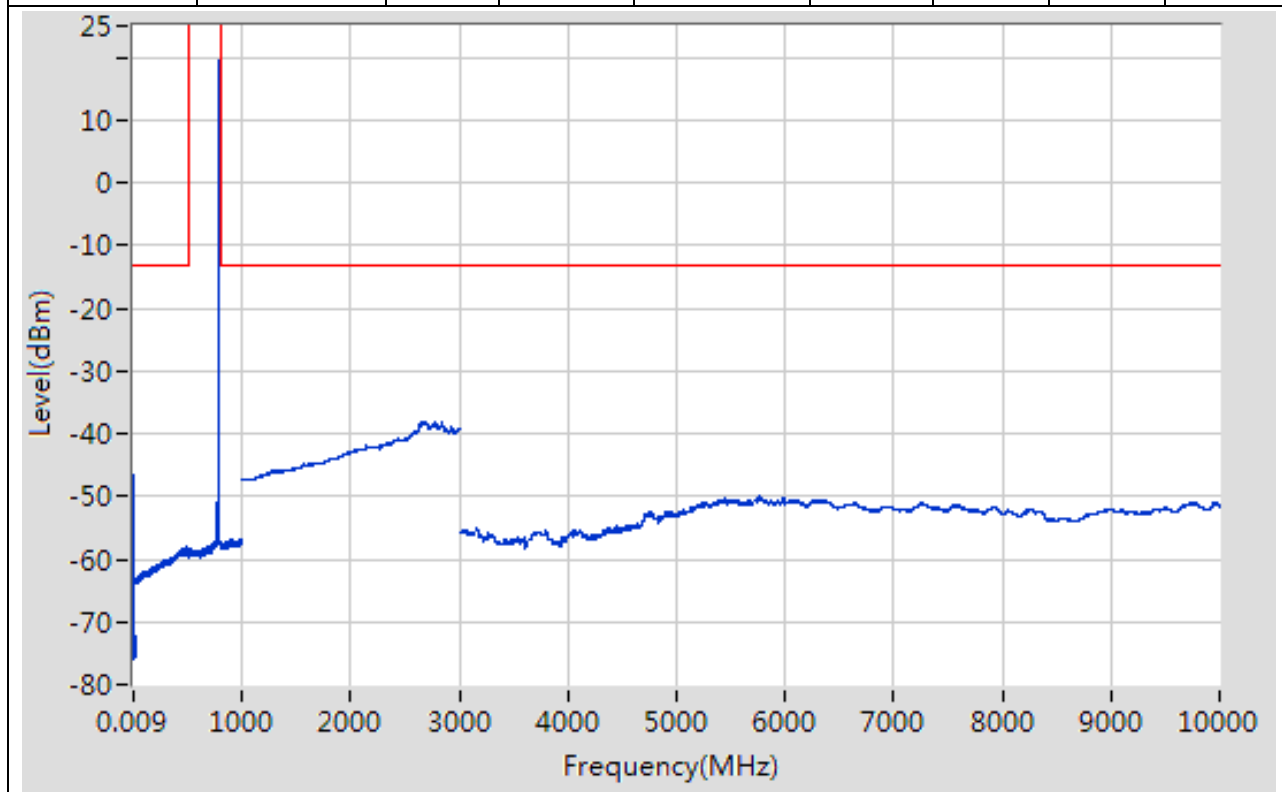
1.3. LTE Transmitter Spurious Emissions(Subtest:3, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	0.011	-49.87	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.54	-13	Pass	2986
30	500	0.1	RMS	497	-58.32	-13	Pass	4701
500	795	0.1	RMS	777.3	19.35	60	Pass	2951
795	1000	0.1	RMS	999.6	-56.94	-13	Pass	2051
1000	3000	1	RMS	2669	-38.06	-13	Pass	2001
3000	10000	1	RMS	5770	-49.98	-13	Pass	7001



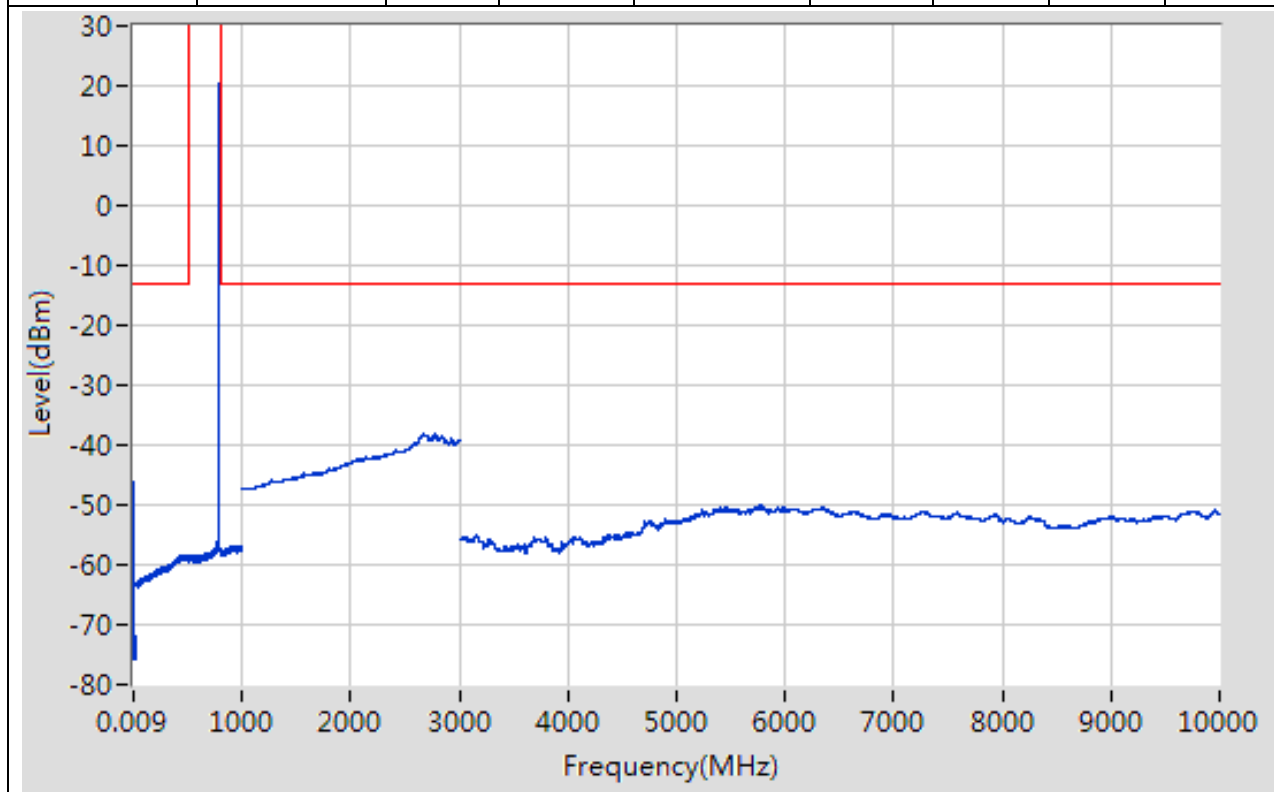
1.4. LTE Transmitter Spurious Emissions(Subtest:4, Channel:23205, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-48.17	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.68	-13	Pass	2986
30	500	0.1	RMS	495	-58.13	-13	Pass	4701
500	795	0.1	RMS	781.7	19.49	60	Pass	2951
795	1000	0.1	RMS	907.5	-56.98	-13	Pass	2051
1000	3000	1	RMS	2669	-38.05	-13	Pass	2001
3000	10000	1	RMS	5769	-49.95	-13	Pass	7001



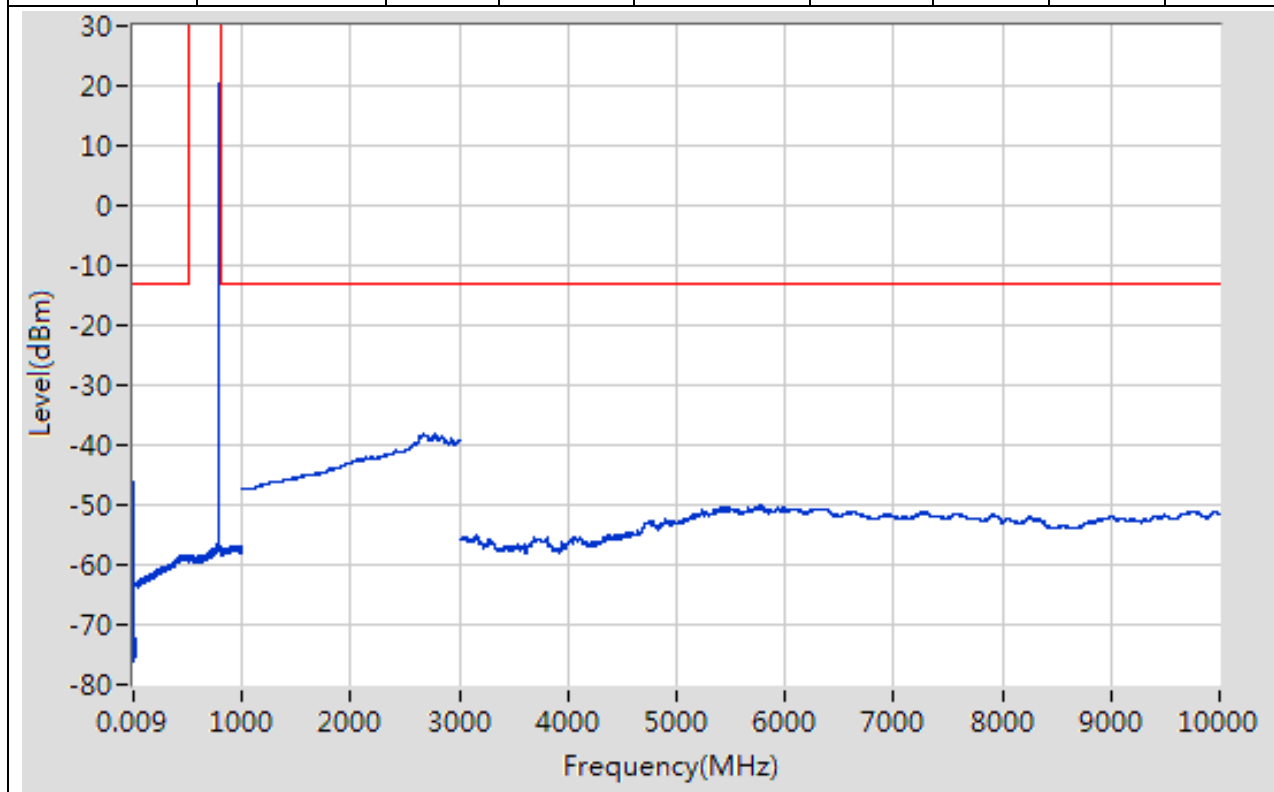
1.5. LTE Transmitter Spurious Emissions(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	0.011	-49.55	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.96	-13	Pass	2986
30	500	0.1	RMS	460	-58.28	-13	Pass	4701
500	795	0.1	RMS	779.8	20.29	60	Pass	2951
795	1000	0.1	RMS	991.9	-56.91	-13	Pass	2051
1000	3000	1	RMS	2670	-38.02	-13	Pass	2001
3000	10000	1	RMS	5771	-49.94	-13	Pass	7001



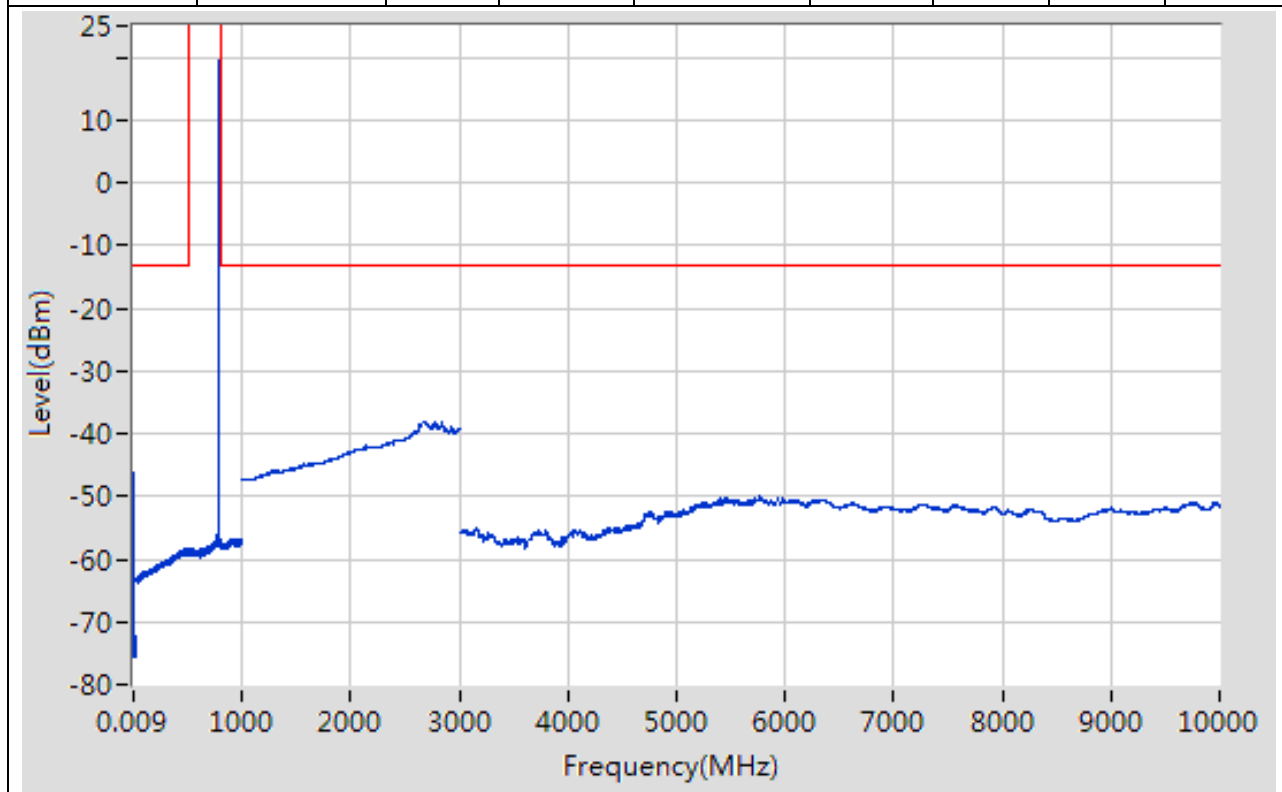
1.6. LTE Transmitter Spurious Emissions(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-48.32	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.28	-13	Pass	2986
30	500	0.1	RMS	500	-58.28	-13	Pass	4701
500	795	0.1	RMS	784.2	20.54	60	Pass	2951
795	1000	0.1	RMS	899	-56.78	-13	Pass	2051
1000	3000	1	RMS	2670	-38.04	-13	Pass	2001
3000	10000	1	RMS	5770	-49.87	-13	Pass	7001



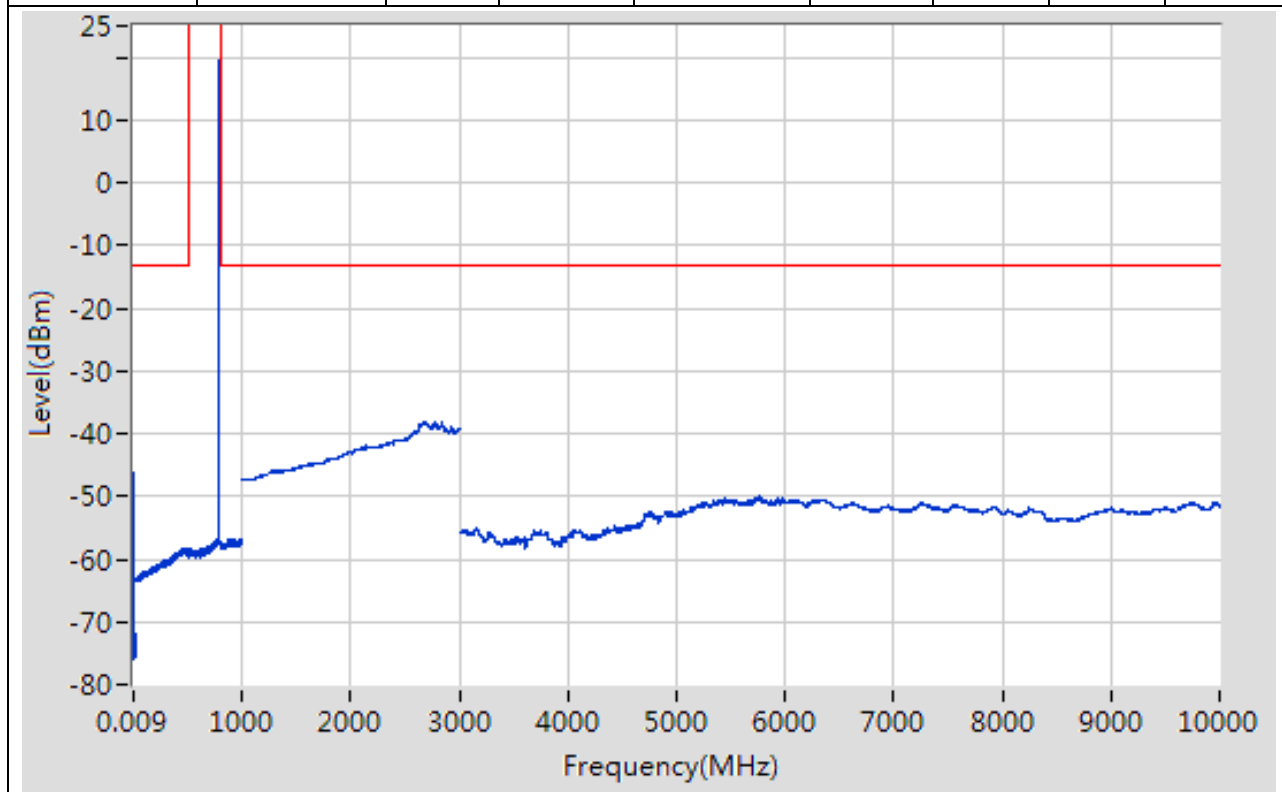
1.7. LTE Transmitter Spurious Emissions(Subtest:7, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-48.69	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.09	-13	Pass	2986
30	500	0.1	RMS	499.7	-58.26	-13	Pass	4701
500	795	0.1	RMS	779.8	19.43	60	Pass	2951
795	1000	0.1	RMS	993.3	-56.93	-13	Pass	2051
1000	3000	1	RMS	2670	-38	-13	Pass	2001
3000	10000	1	RMS	5771	-49.87	-13	Pass	7001



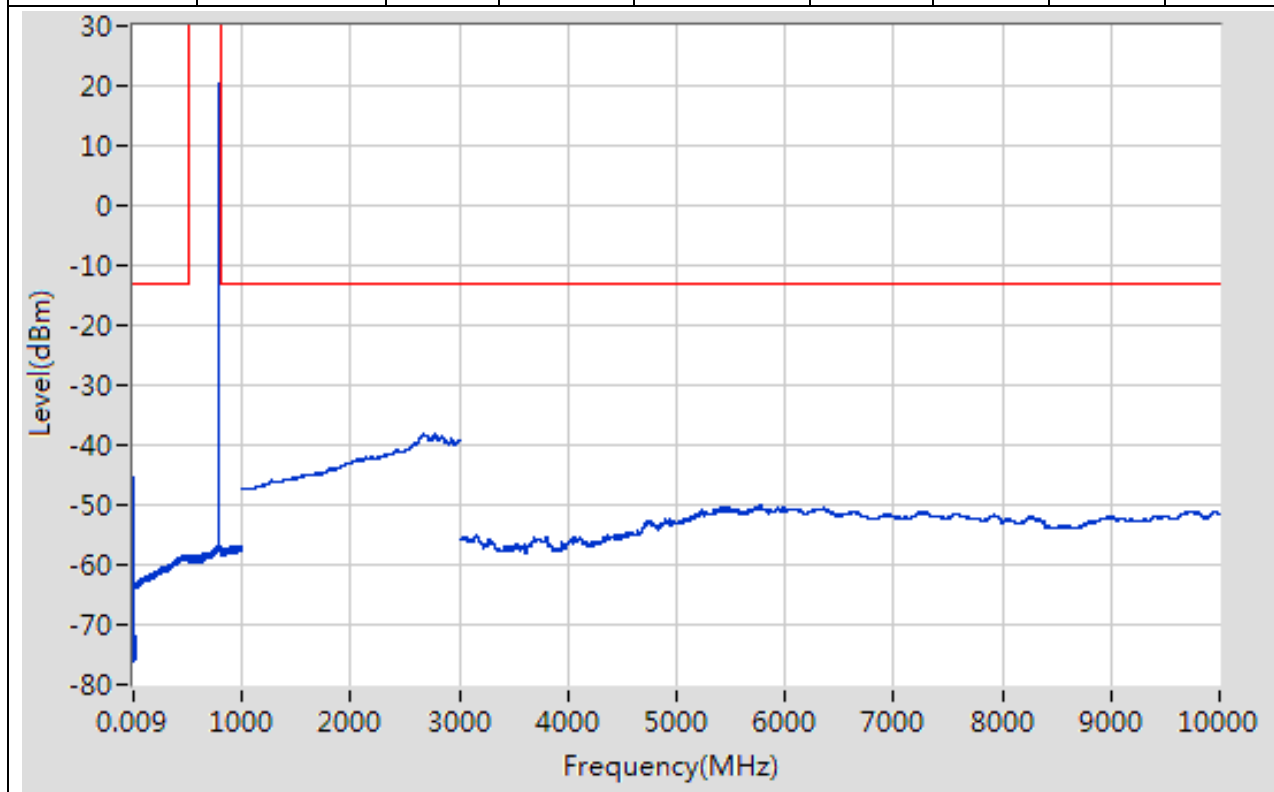
1.8. LTE Transmitter Spurious Emissions(Subtest:8, Channel:23230, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-48.94	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.09	-13	Pass	2986
30	500	0.1	RMS	495.8	-58.34	-13	Pass	4701
500	795	0.1	RMS	784.2	19.46	60	Pass	2951
795	1000	0.1	RMS	971	-56.9	-13	Pass	2051
1000	3000	1	RMS	2670	-37.99	-13	Pass	2001
3000	10000	1	RMS	5771	-49.88	-13	Pass	7001



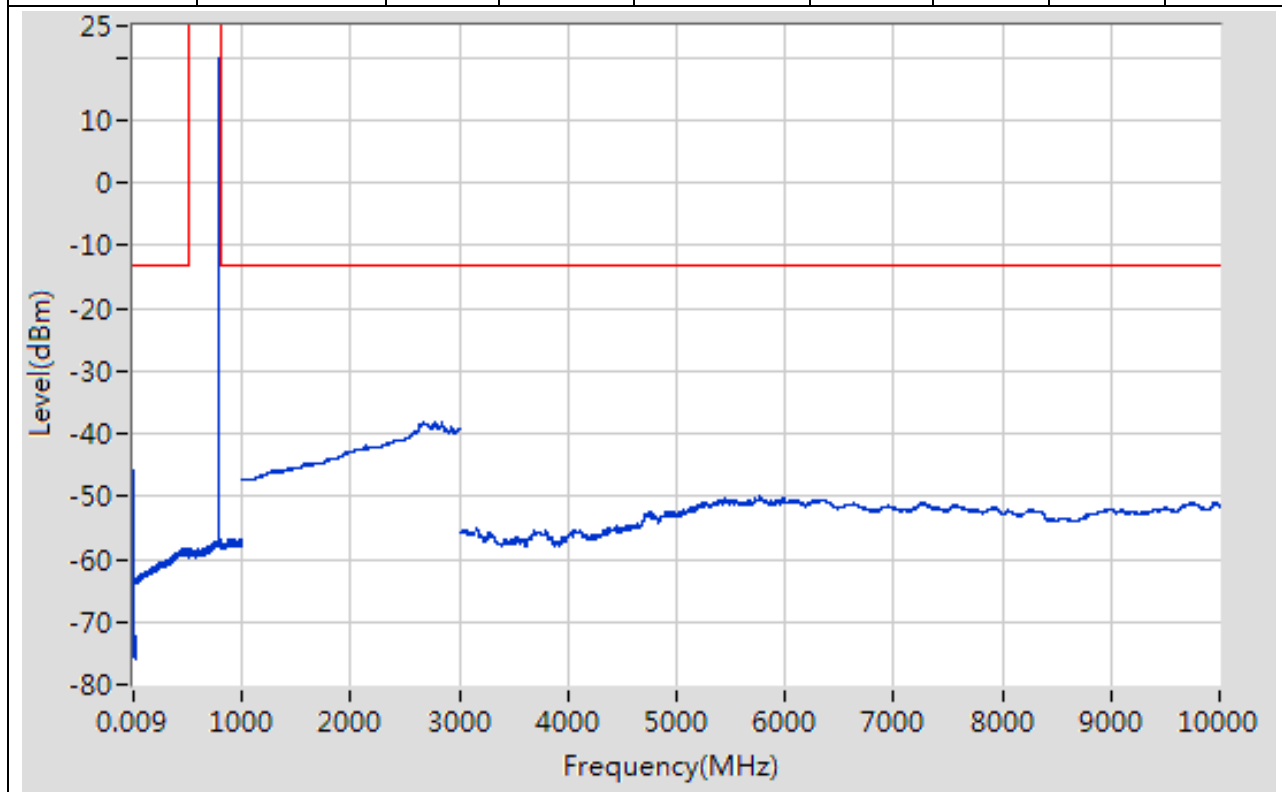
1.9. LTE Transmitter Spurious Emissions(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49.21	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.26	-13	Pass	2986
30	500	0.1	RMS	499.6	-58.31	-13	Pass	4701
500	795	0.1	RMS	782.3	20.42	60	Pass	2951
795	1000	0.1	RMS	896	-56.84	-13	Pass	2051
1000	3000	1	RMS	2669	-38.01	-13	Pass	2001
3000	10000	1	RMS	5770	-49.98	-13	Pass	7001



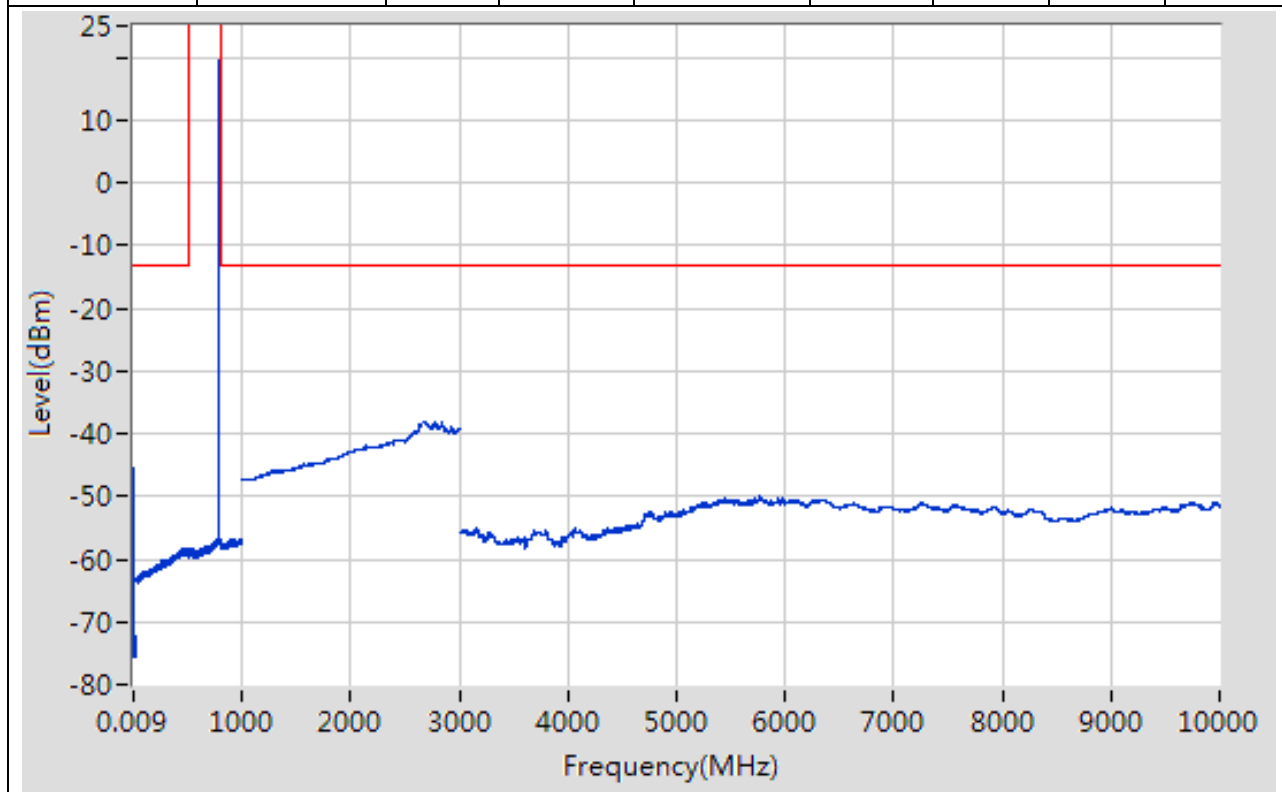
1.10. LTE Transmitter Spurious Emissions(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)

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	-48.95	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.93	-13	Pass	2986
30	500	0.1	RMS	498.7	-58.36	-13	Pass	4701
500	795	0.1	RMS	786.7	19.98	60	Pass	2951
795	1000	0.1	RMS	939.3	-56.84	-13	Pass	2051
1000	3000	1	RMS	2670	-38.04	-13	Pass	2001
3000	10000	1	RMS	5769	-49.89	-13	Pass	7001



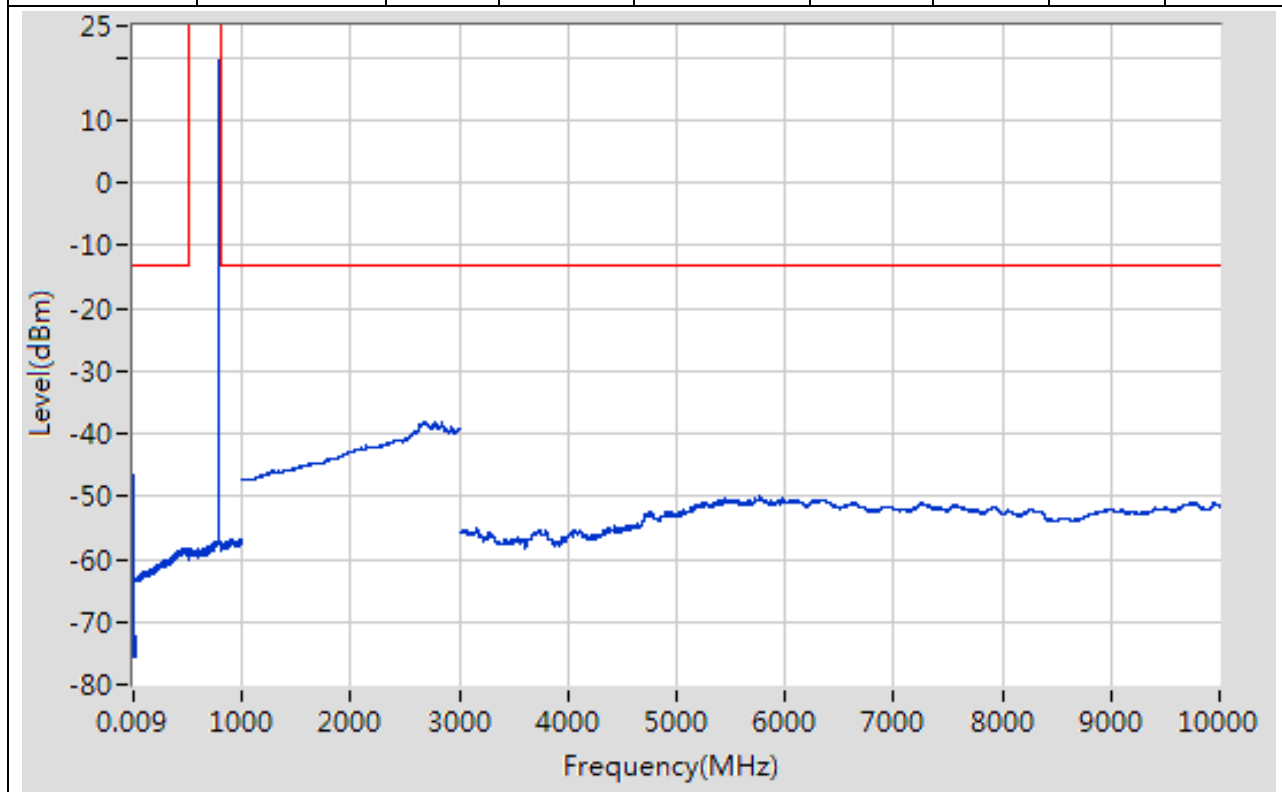
1.11. LTE Transmitter Spurious Emissions(Subtest:11, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)

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	-48.42	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.35	-13	Pass	2986
30	500	0.1	RMS	498.6	-58.23	-13	Pass	4701
500	795	0.1	RMS	782.3	19.58	60	Pass	2951
795	1000	0.1	RMS	997.1	-56.92	-13	Pass	2051
1000	3000	1	RMS	2671	-38	-13	Pass	2001
3000	10000	1	RMS	5769	-49.89	-13	Pass	7001



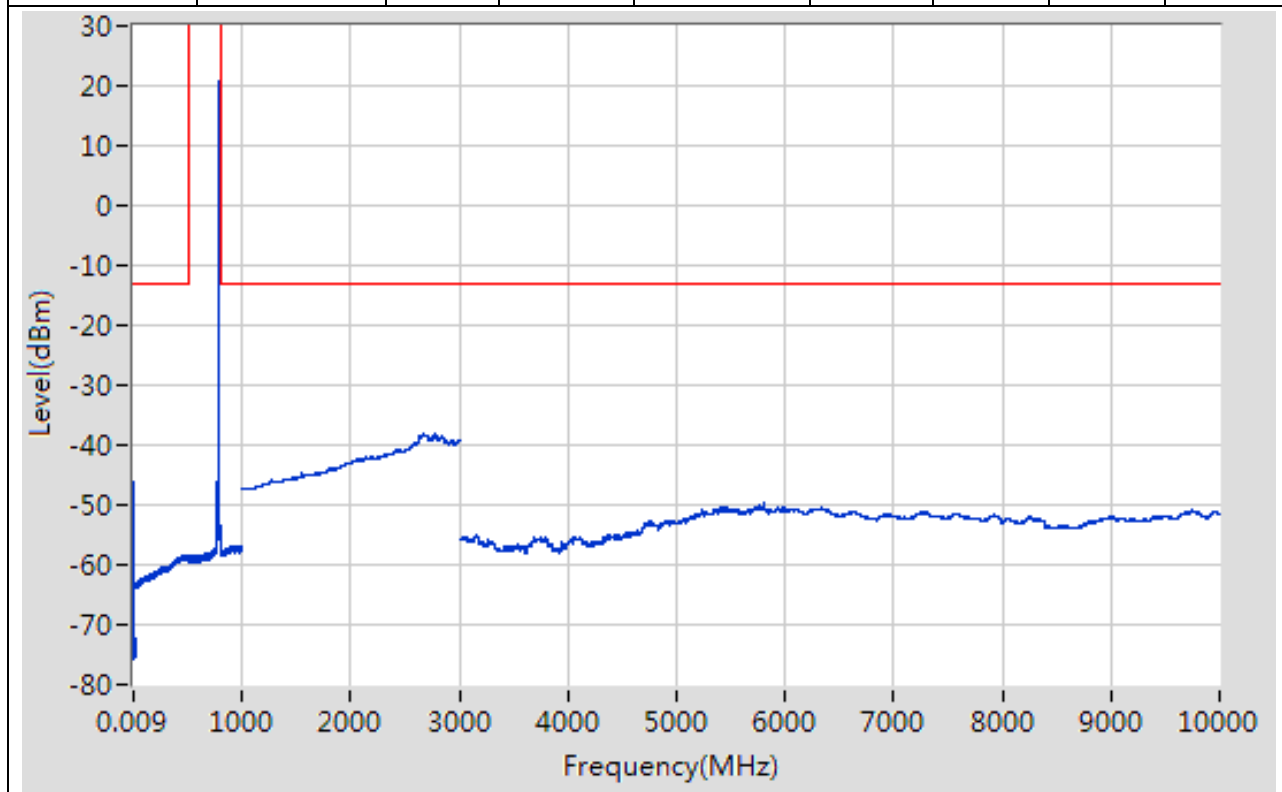
1.12. LTE Transmitter Spurious Emissions(Subtest:12, Channel:23255, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)

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	-49.17	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.76	-13	Pass	2986
30	500	0.1	RMS	495.7	-58.28	-13	Pass	4701
500	795	0.1	RMS	786.7	19.35	60	Pass	2951
795	1000	0.1	RMS	896.1	-56.92	-13	Pass	2051
1000	3000	1	RMS	2669	-38.02	-13	Pass	2001
3000	10000	1	RMS	5769	-49.97	-13	Pass	7001



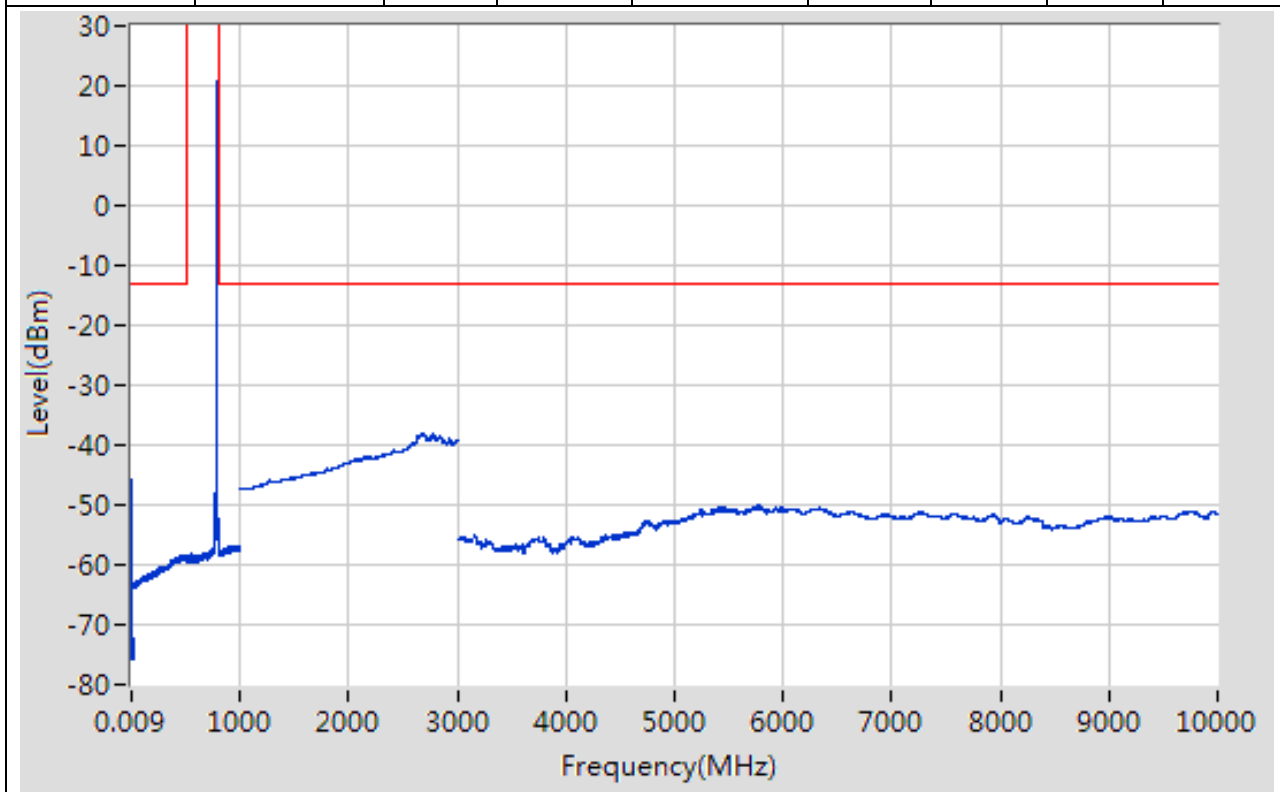
1.13. LTE Transmitter Spurious Emissions(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-48.87	-13	Pass	401
0.15	30	0.01	RMS	0.16	-46	-13	Pass	2986
30	500	0.1	RMS	496.6	-58.31	-13	Pass	4701
500	795	0.1	RMS	777.6	20.76	60	Pass	2951
795	1000	0.1	RMS	795.3	-53.34	-13	Pass	2051
1000	3000	1	RMS	2670	-38.02	-13	Pass	2001
3000	10000	1	RMS	5798	-49.77	-13	Pass	7001



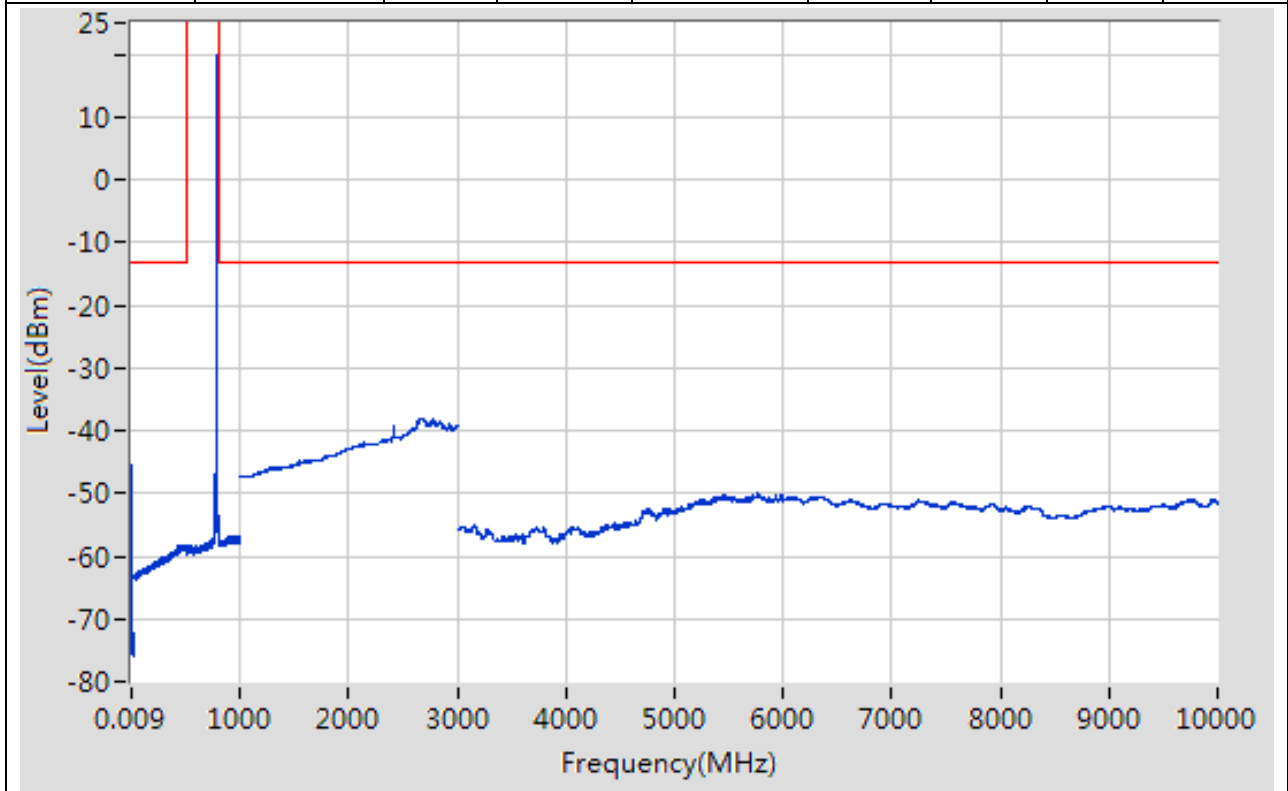
1.14. LTE Transmitter Spurious Emissions(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-49.02	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.89	-13	Pass	2986
30	500	0.1	RMS	499.4	-58.34	-13	Pass	4701
500	795	0.1	RMS	786.4	20.81	60	Pass	2951
795	1000	0.1	RMS	795.2	-52.49	-13	Pass	2051
1000	3000	1	RMS	2671	-38	-13	Pass	2001
3000	10000	1	RMS	5770	-49.94	-13	Pass	7001



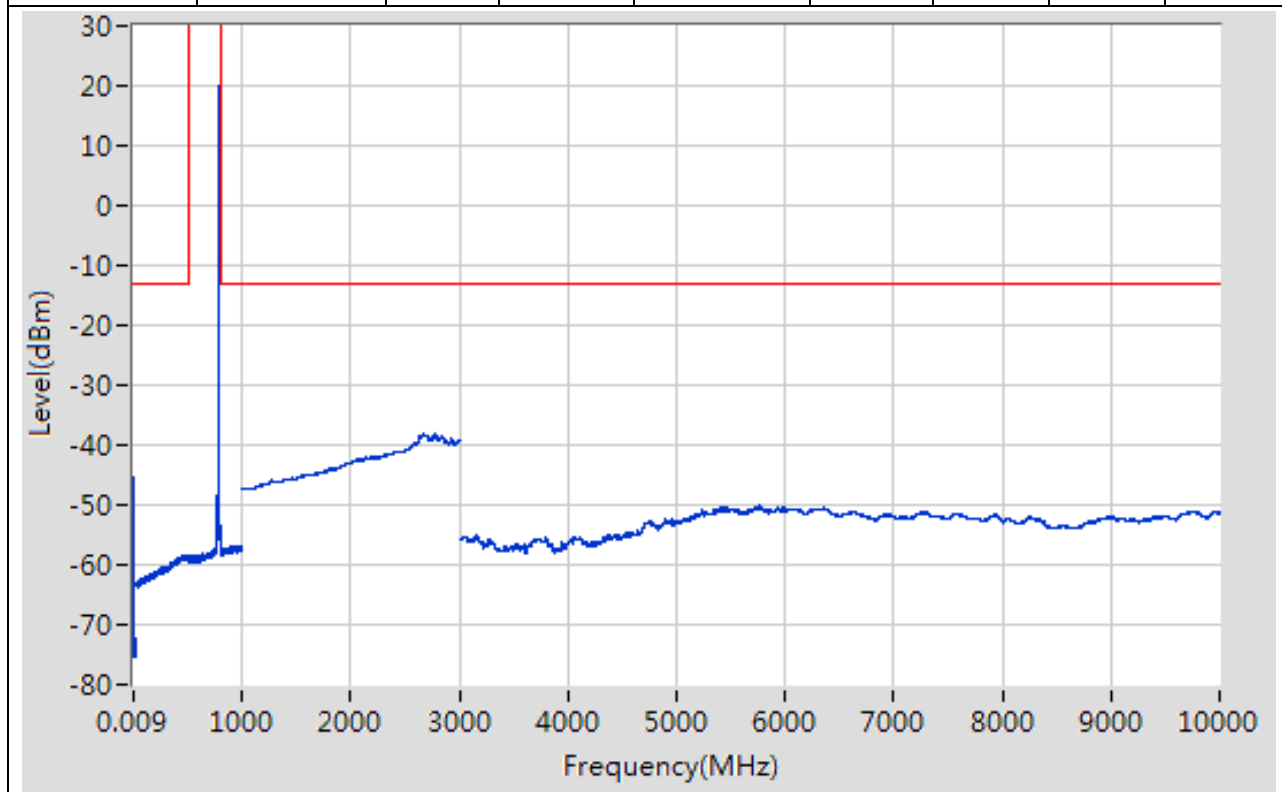
1.15. LTE Transmitter Spurious Emissions(Subtest:15, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-49.12	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.63	-13	Pass	2986
30	500	0.1	RMS	494.1	-58.25	-13	Pass	4701
500	795	0.1	RMS	777.6	19.95	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.6	-13	Pass	2051
1000	3000	1	RMS	2670	-38.02	-13	Pass	2001
3000	10000	1	RMS	5770	-49.97	-13	Pass	7001



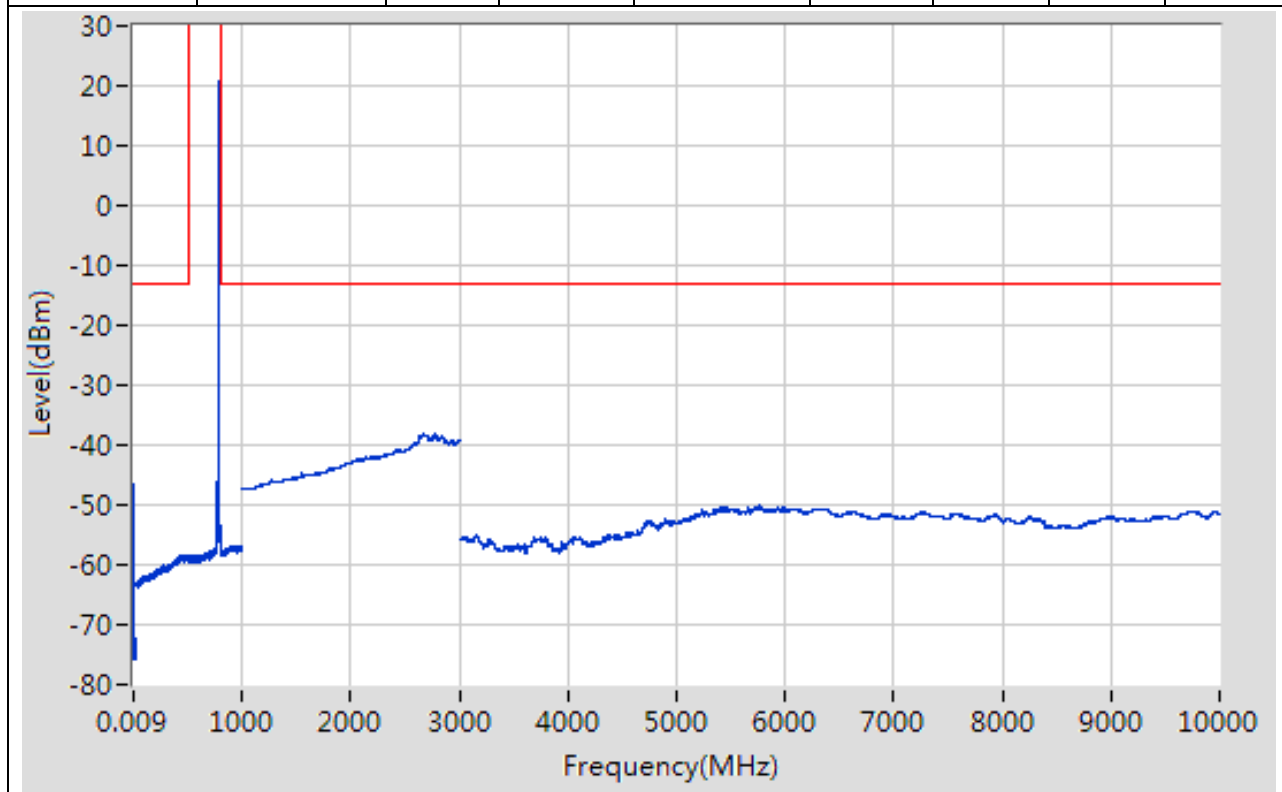
1.16. LTE Transmitter Spurious Emissions(Subtest:16, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-49.5	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.35	-13	Pass	2986
30	500	0.1	RMS	499.7	-58.41	-13	Pass	4701
500	795	0.1	RMS	786.4	20.07	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.31	-13	Pass	2051
1000	3000	1	RMS	2672	-38.03	-13	Pass	2001
3000	10000	1	RMS	5769	-49.93	-13	Pass	7001



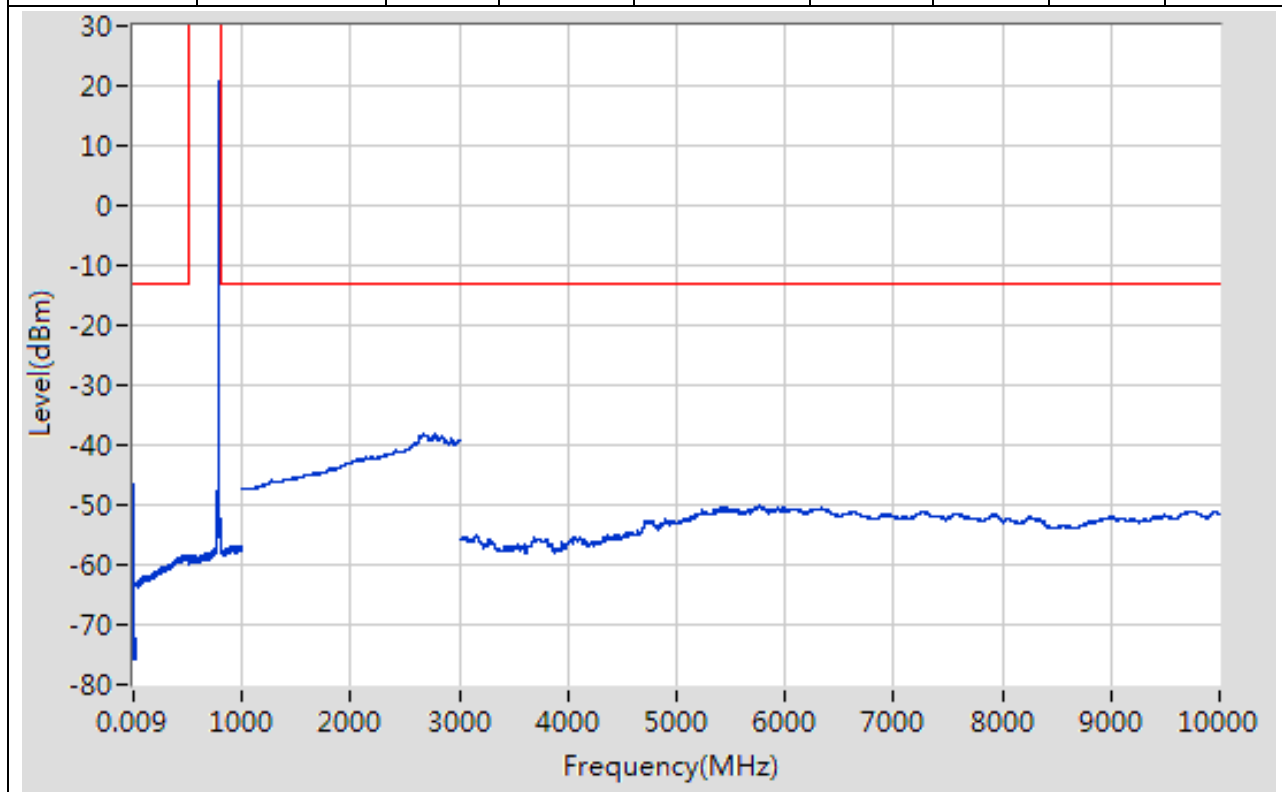
1.17. LTE Transmitter Spurious Emissions(Subtest:17, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-48.82	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.49	-13	Pass	2986
30	500	0.1	RMS	494	-58.35	-13	Pass	4701
500	795	0.1	RMS	777.6	20.92	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.54	-13	Pass	2051
1000	3000	1	RMS	2670	-38.04	-13	Pass	2001
3000	10000	1	RMS	5770	-49.91	-13	Pass	7001



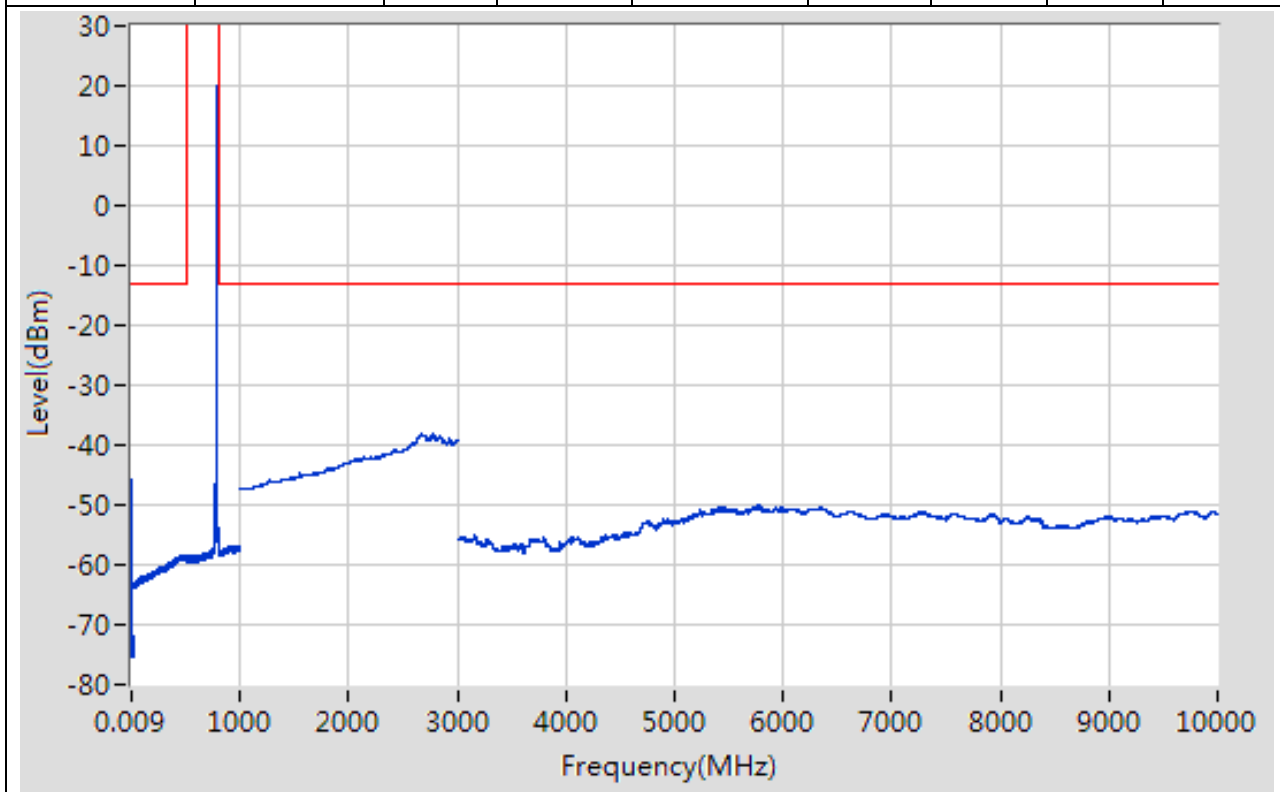
1.18. LTE Transmitter Spurious Emissions(Subtest:18, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-48.3	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.65	-13	Pass	2986
30	500	0.1	RMS	495.8	-58.38	-13	Pass	4701
500	795	0.1	RMS	786.4	20.68	60	Pass	2951
795	1000	0.1	RMS	795.2	-52.23	-13	Pass	2051
1000	3000	1	RMS	2669	-37.96	-13	Pass	2001
3000	10000	1	RMS	5771	-49.98	-13	Pass	7001



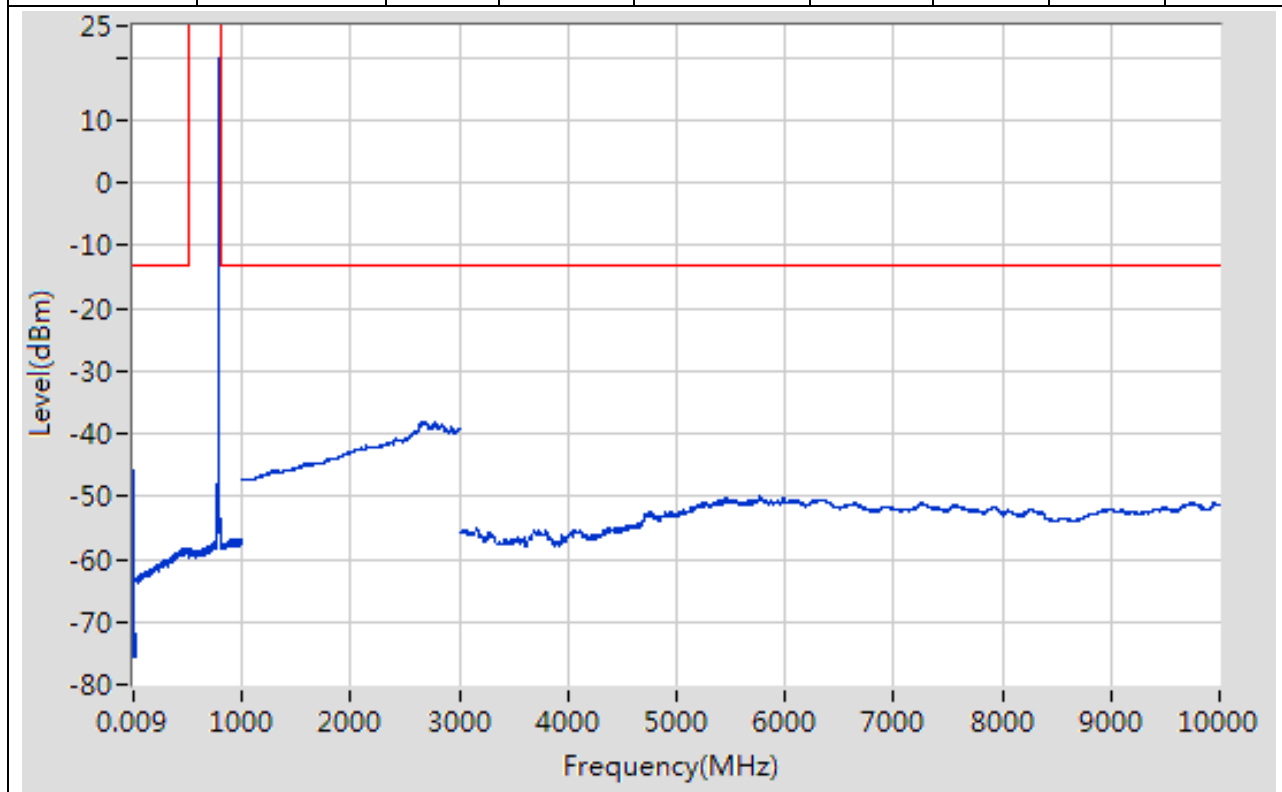
1.19. LTE Transmitter Spurious Emissions(Subtest:19, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-49.5	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.6	-13	Pass	2986
30	500	0.1	RMS	497.7	-58.29	-13	Pass	4701
500	795	0.1	RMS	777.6	20.02	60	Pass	2951
795	1000	0.1	RMS	795.3	-53.69	-13	Pass	2051
1000	3000	1	RMS	2670	-38.03	-13	Pass	2001
3000	10000	1	RMS	5770	-49.9	-13	Pass	7001



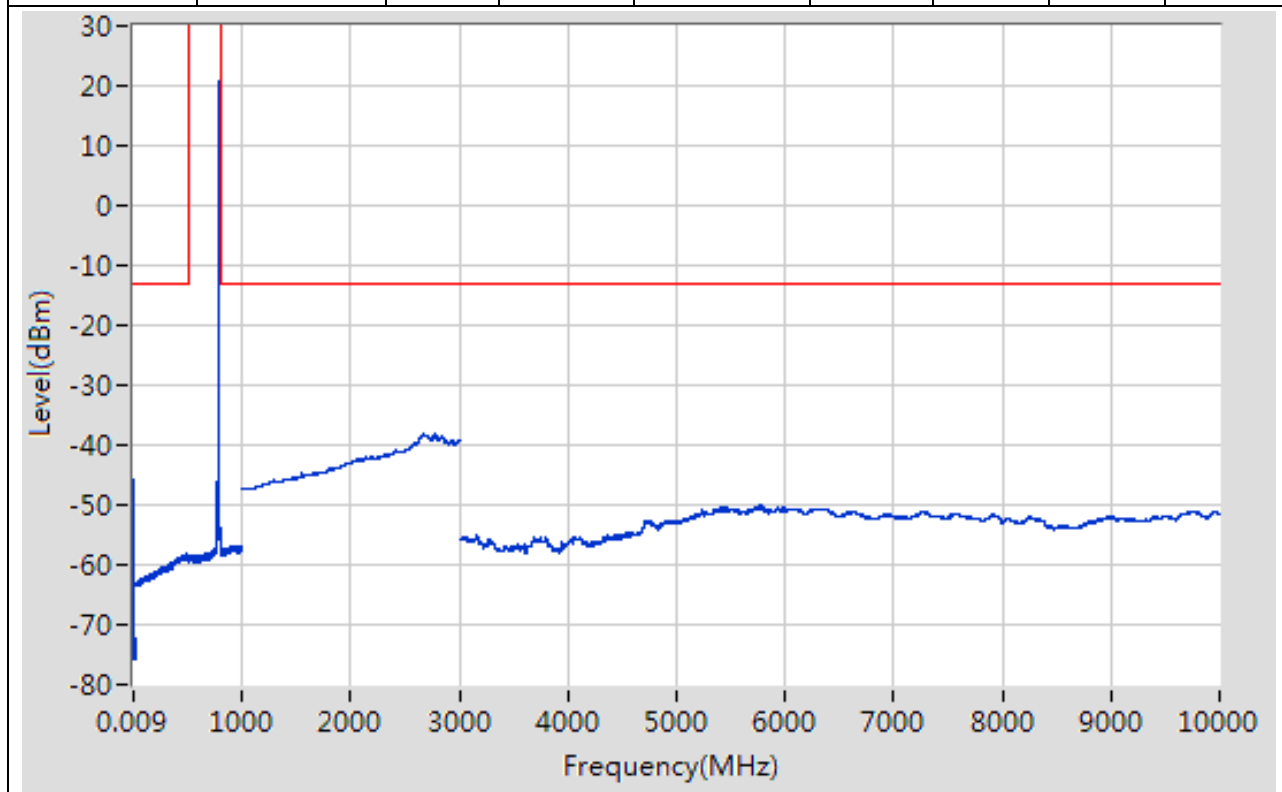
1.20. LTE Transmitter Spurious Emissions(Subtest:20, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)

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	-48.42	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.79	-13	Pass	2986
30	500	0.1	RMS	496	-58.33	-13	Pass	4701
500	795	0.1	RMS	786.4	19.74	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.45	-13	Pass	2051
1000	3000	1	RMS	2670	-38.02	-13	Pass	2001
3000	10000	1	RMS	5770	-49.94	-13	Pass	7001



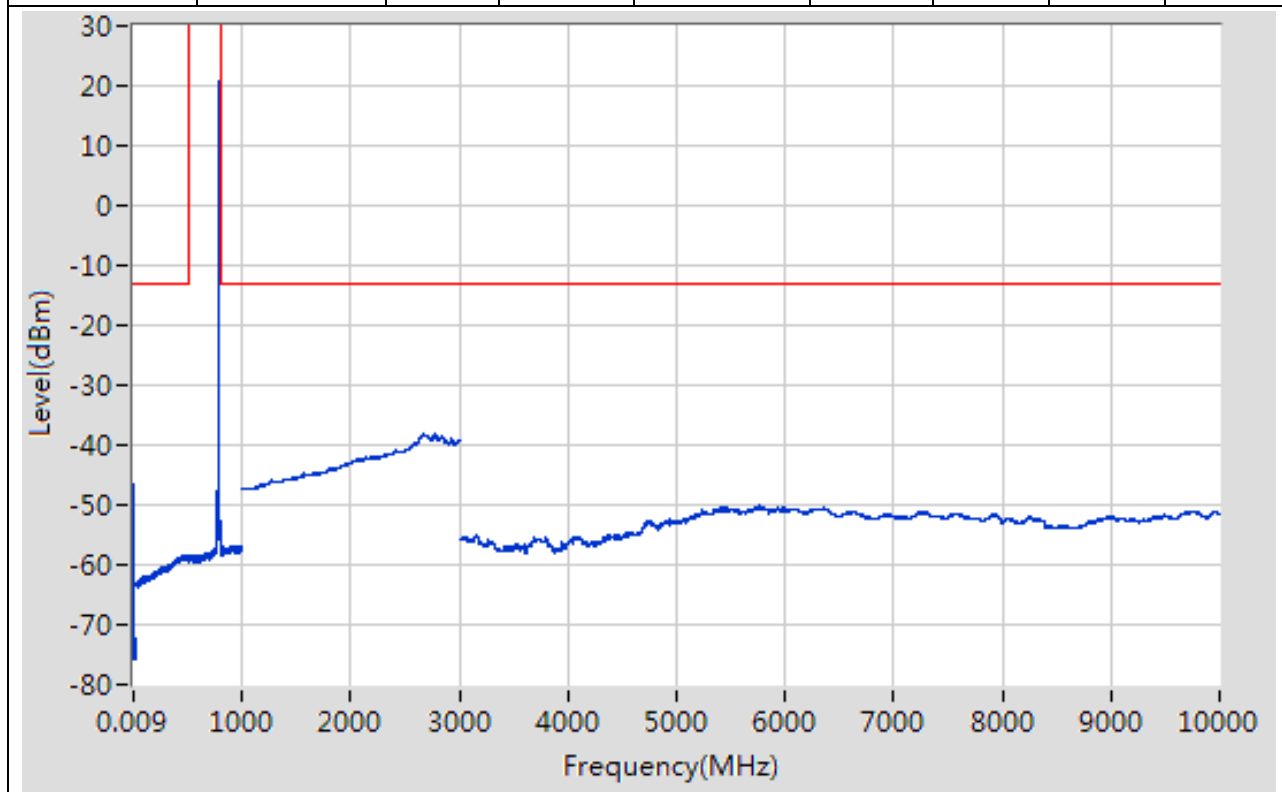
1.21. LTE Transmitter Spurious Emissions(Subtest:21, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)

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	-49.15	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.93	-13	Pass	2986
30	500	0.1	RMS	497.8	-58.21	-13	Pass	4701
500	795	0.1	RMS	777.6	20.89	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.66	-13	Pass	2051
1000	3000	1	RMS	2669	-37.97	-13	Pass	2001
3000	10000	1	RMS	5767	-49.94	-13	Pass	7001



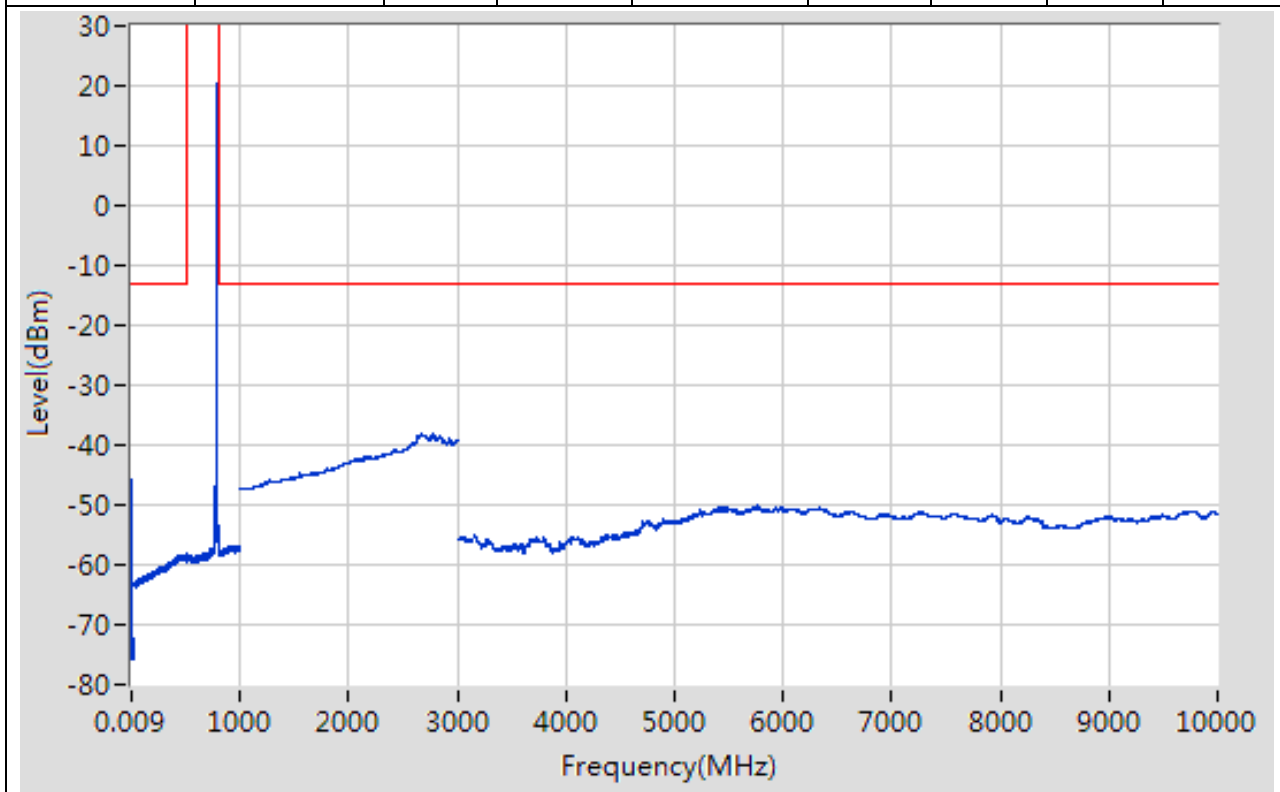
1.22. LTE Transmitter Spurious Emissions(Subtest:22, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)

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	-48.64	-13	Pass	401
0.15	30	0.01	RMS	0.15	-46.41	-13	Pass	2986
30	500	0.1	RMS	481.9	-58.32	-13	Pass	4701
500	795	0.1	RMS	786.4	20.86	60	Pass	2951
795	1000	0.1	RMS	795.2	-52.57	-13	Pass	2051
1000	3000	1	RMS	2669	-37.98	-13	Pass	2001
3000	10000	1	RMS	5769	-49.91	-13	Pass	7001



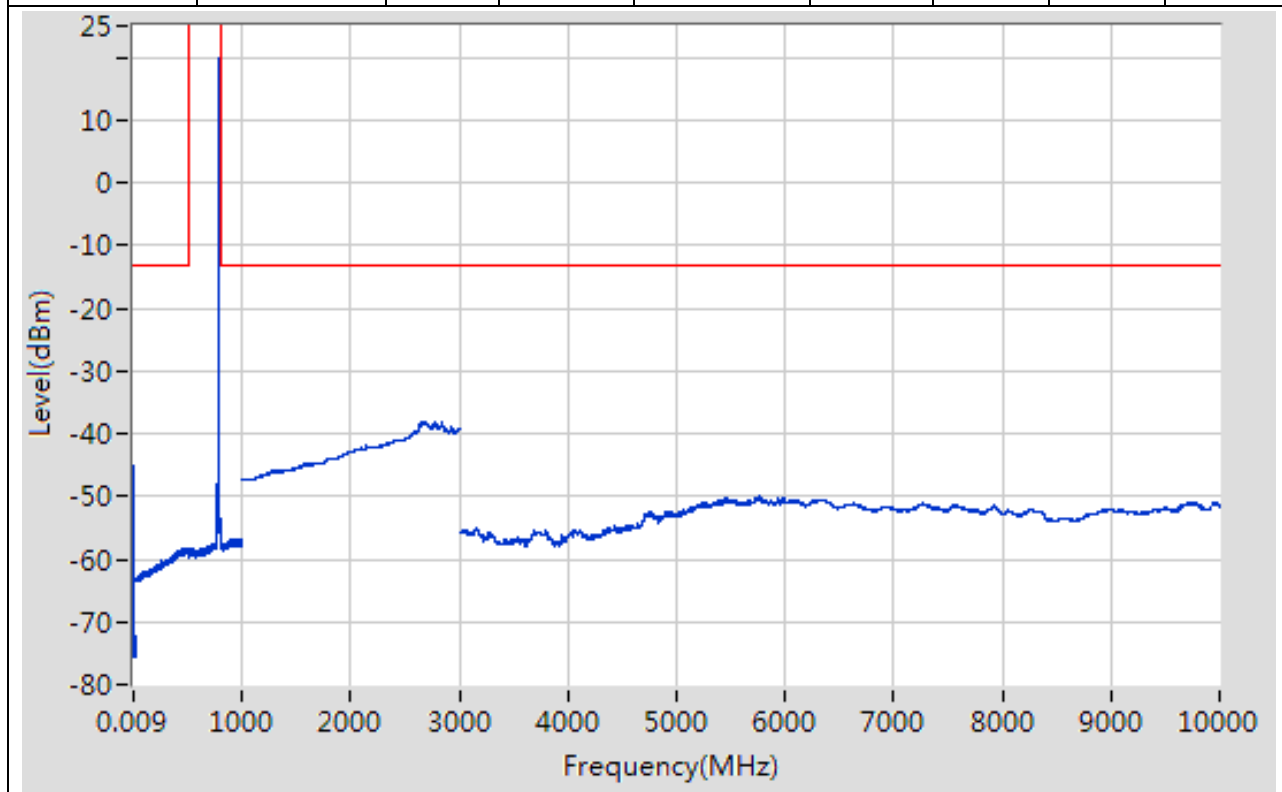
1.23. LTE Transmitter Spurious Emissions(Subtest:23, Channel:23230, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)

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	-49.34	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.71	-13	Pass	2986
30	500	0.1	RMS	500	-58.21	-13	Pass	4701
500	795	0.1	RMS	777.6	20.39	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.65	-13	Pass	2051
1000	3000	1	RMS	2670	-38.03	-13	Pass	2001
3000	10000	1	RMS	5770	-49.91	-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	0.01	-48.58	-13	Pass	401
0.15	30	0.01	RMS	0.15	-45.07	-13	Pass	2986
30	500	0.1	RMS	499.9	-58.27	-13	Pass	4701
500	795	0.1	RMS	786.4	19.86	60	Pass	2951
795	1000	0.1	RMS	795.2	-53.49	-13	Pass	2051
1000	3000	1	RMS	2668	-38.01	-13	Pass	2001
3000	10000	1	RMS	5770	-49.97	-13	Pass	7001



END