

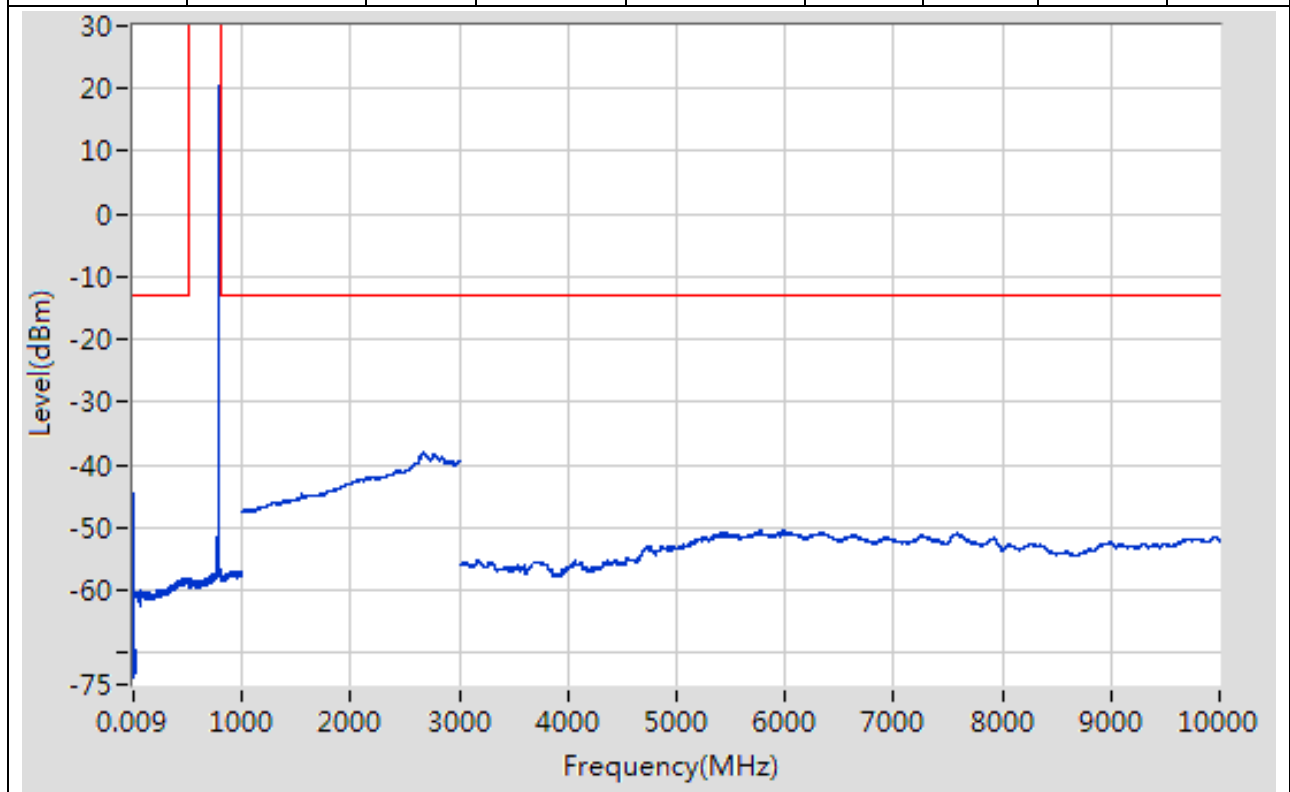
Annex C. LTE Transmitter Spurious Emissions

Reference No.: WTD23D03064187W002

1. LTE_Band13

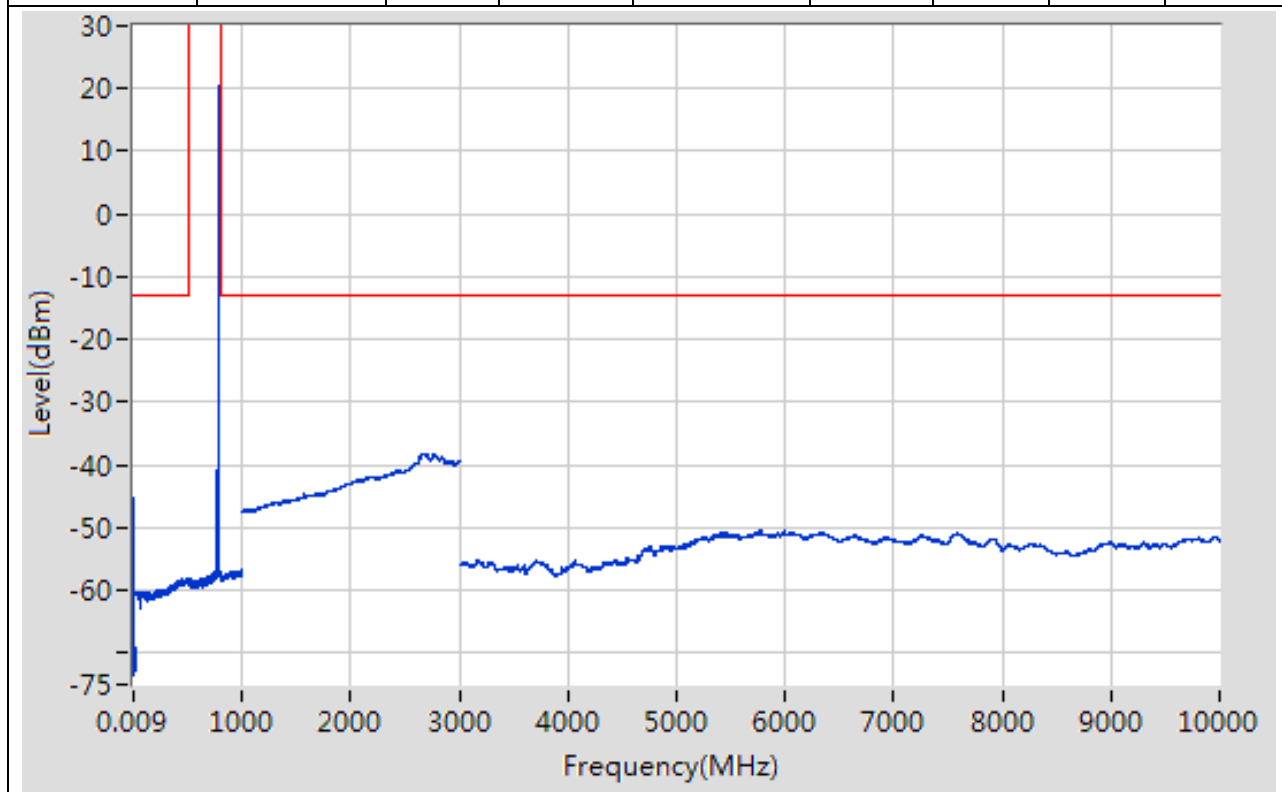
1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-48.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-44.6	-13	Pass	2985
30	500	0.1	RMS	498.9	-58.01	-13	Pass	4700
500	795	0.1	RMS	777.294	20.57	60	Pass	2950
795	1000	0.1	RMS	936.069	-56.83	-13	Pass	2050
1000	3000	1	RMS	2671.836	-38.07	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.36	-13	Pass	7000



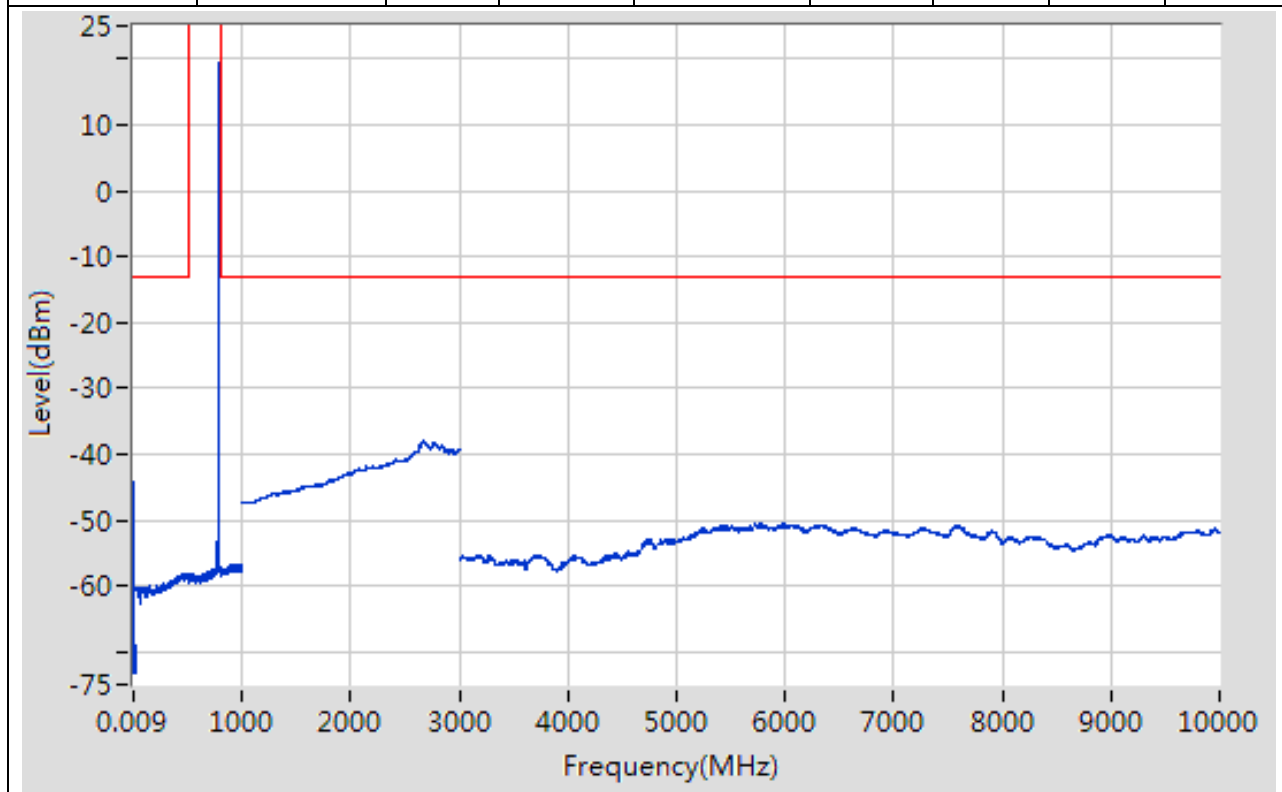
1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:23205, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-48.64	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.25	-13	Pass	2985
30	500	0.1	RMS	496.899	-58.11	-13	Pass	4700
500	795	0.1	RMS	781.695	20.37	60	Pass	2950
795	1000	0.1	RMS	998.399	-56.76	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.12	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.38	-13	Pass	7000



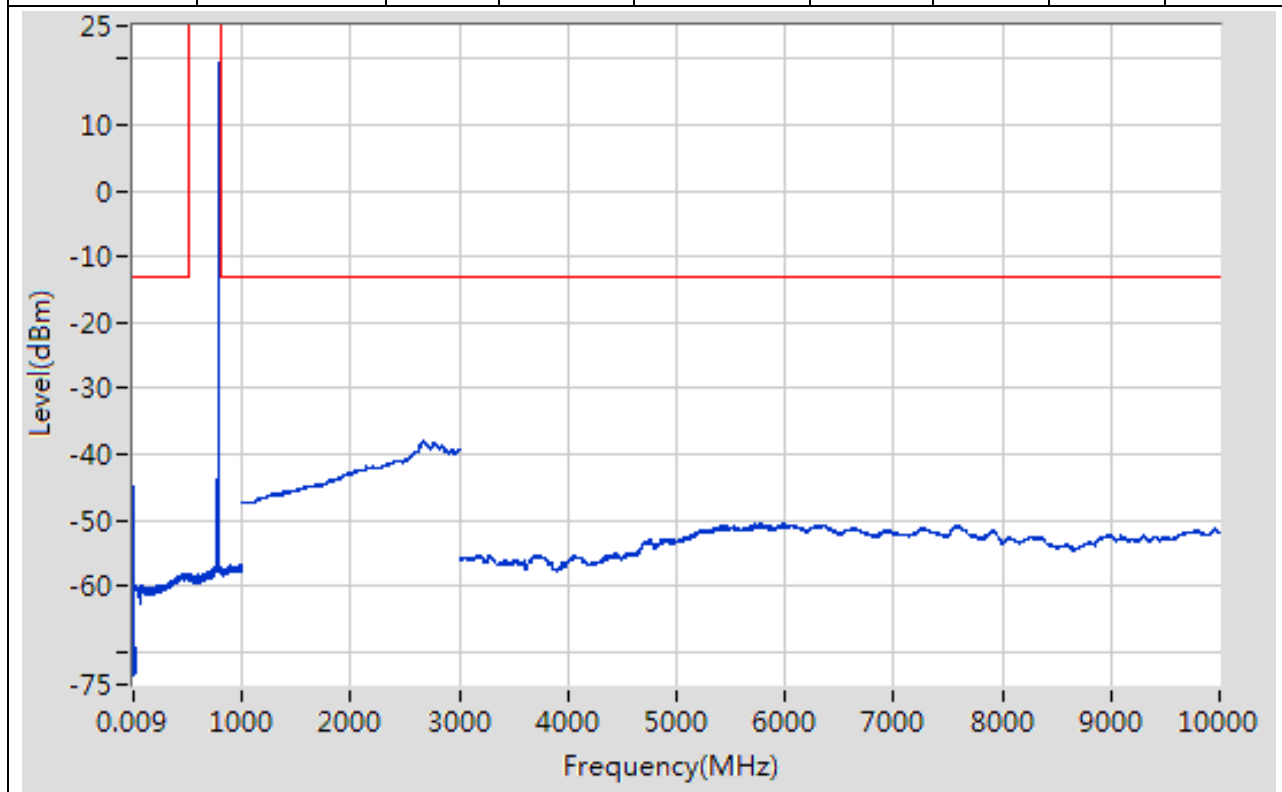
1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:23205, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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	-48.86	-13	Pass	601
0.15	30	0.01	RMS	0.15	-44.29	-13	Pass	2985
30	500	0.1	RMS	499.4	-58.13	-13	Pass	4700
500	795	0.1	RMS	777.294	19.53	60	Pass	2950
795	1000	0.1	RMS	954.978	-56.86	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.09	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.38	-13	Pass	7000



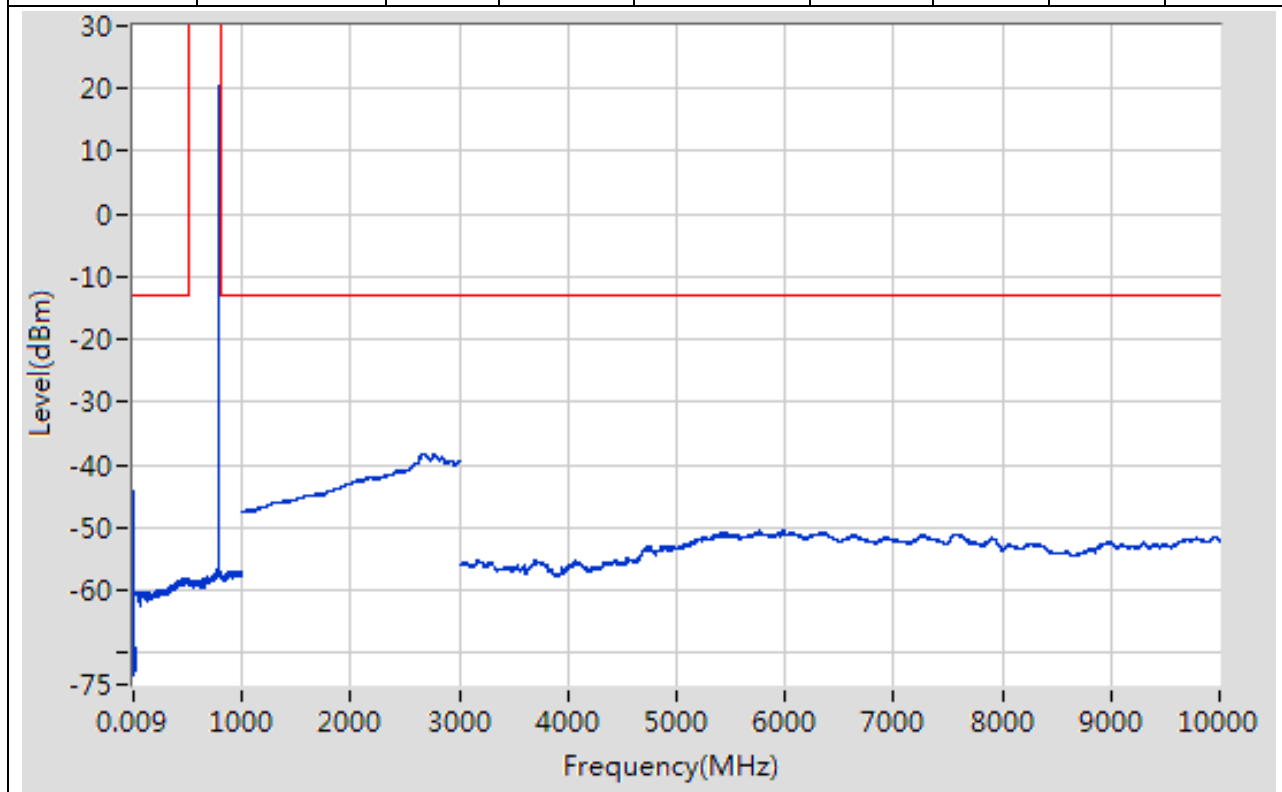
1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:23205, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	-49.74	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.08	-13	Pass	2985
30	500	0.1	RMS	499.2	-58.05	-13	Pass	4700
500	795	0.1	RMS	781.695	19.46	60	Pass	2950
795	1000	0.1	RMS	893.048	-56.74	-13	Pass	2050
1000	3000	1	RMS	2669.835	-38.06	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.4	-13	Pass	7000



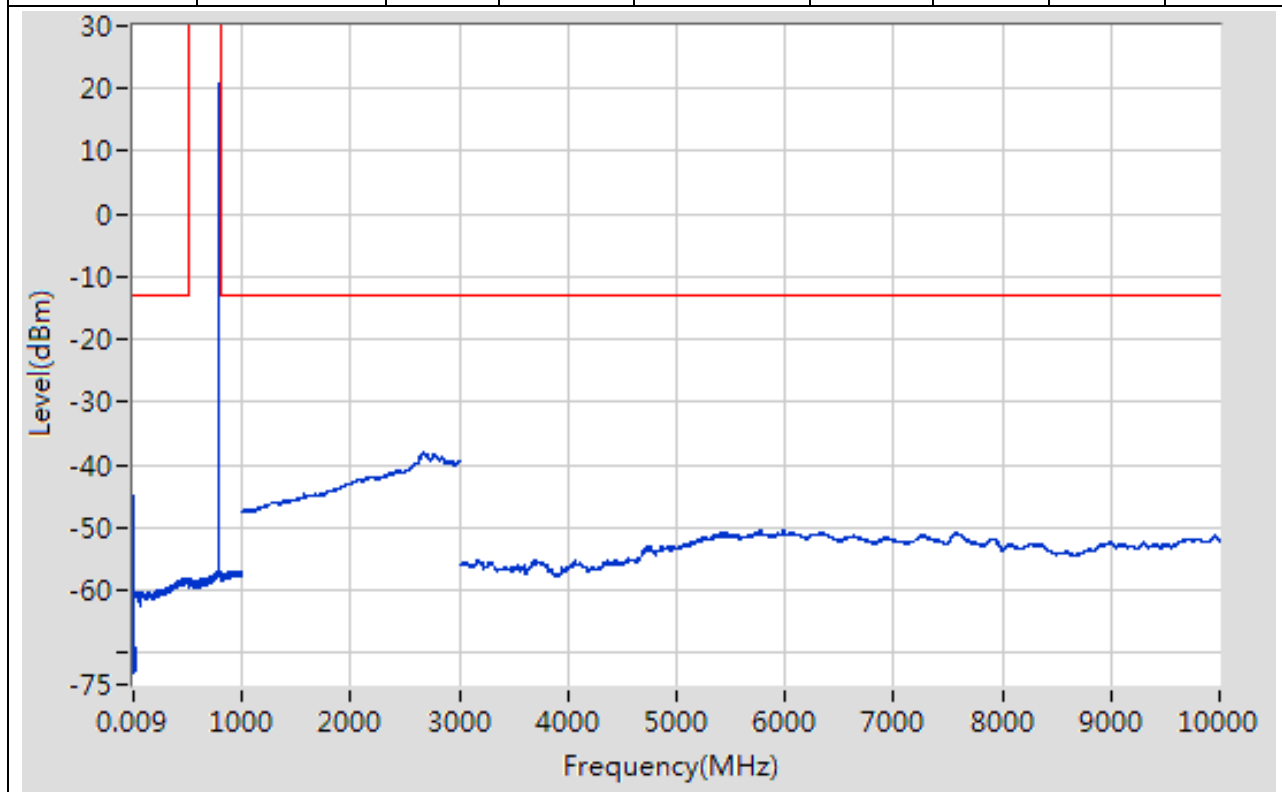
1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	601
0.15	30	0.01	RMS	0.15	-44.31	-13	Pass	2985
30	500	0.1	RMS	494.299	-58.08	-13	Pass	4700
500	795	0.1	RMS	779.795	20.51	60	Pass	2950
795	1000	0.1	RMS	953.777	-56.88	-13	Pass	2050
1000	3000	1	RMS	2769.885	-38.11	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.42	-13	Pass	7000



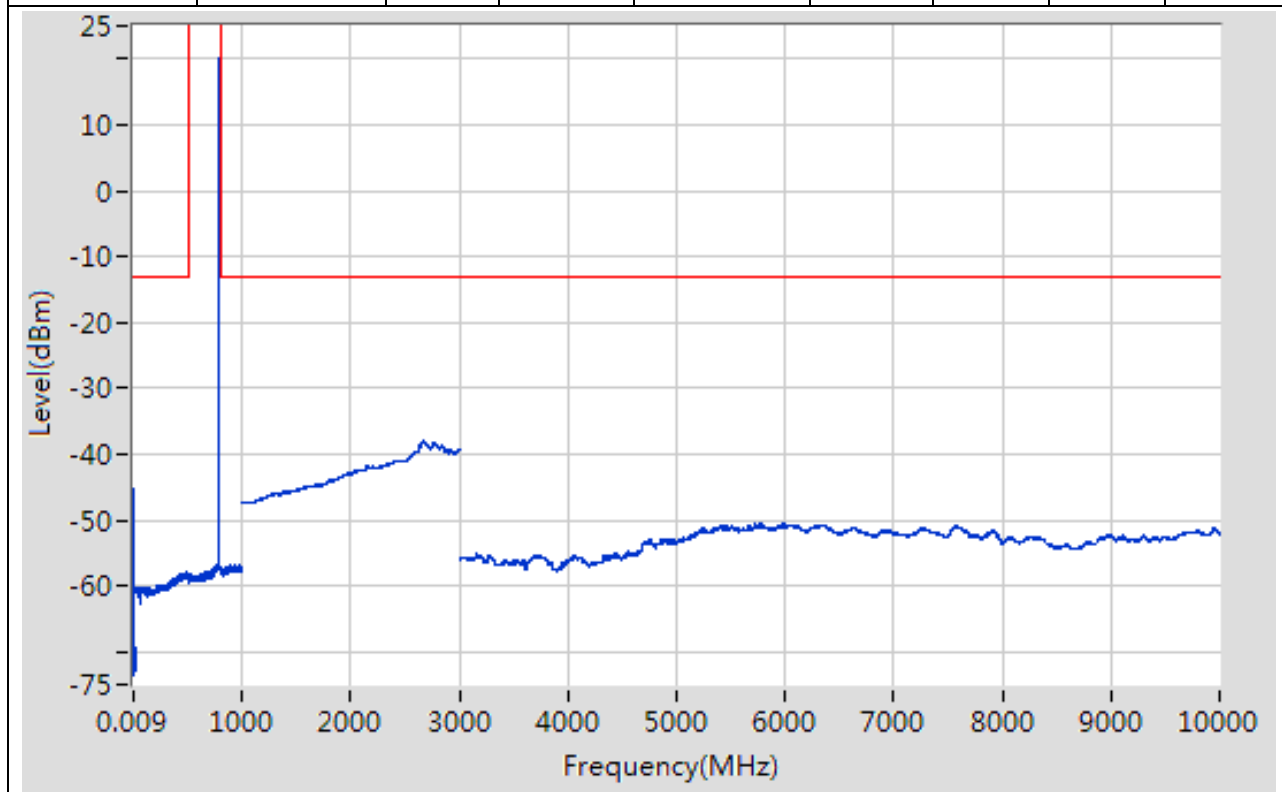
1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:23230, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-48.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-44.78	-13	Pass	2985
30	500	0.1	RMS	499.5	-58.02	-13	Pass	4700
500	795	0.1	RMS	784.196	21	60	Pass	2950
795	1000	0.1	RMS	904.954	-56.9	-13	Pass	2050
1000	3000	1	RMS	2669.835	-38.08	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.39	-13	Pass	7000



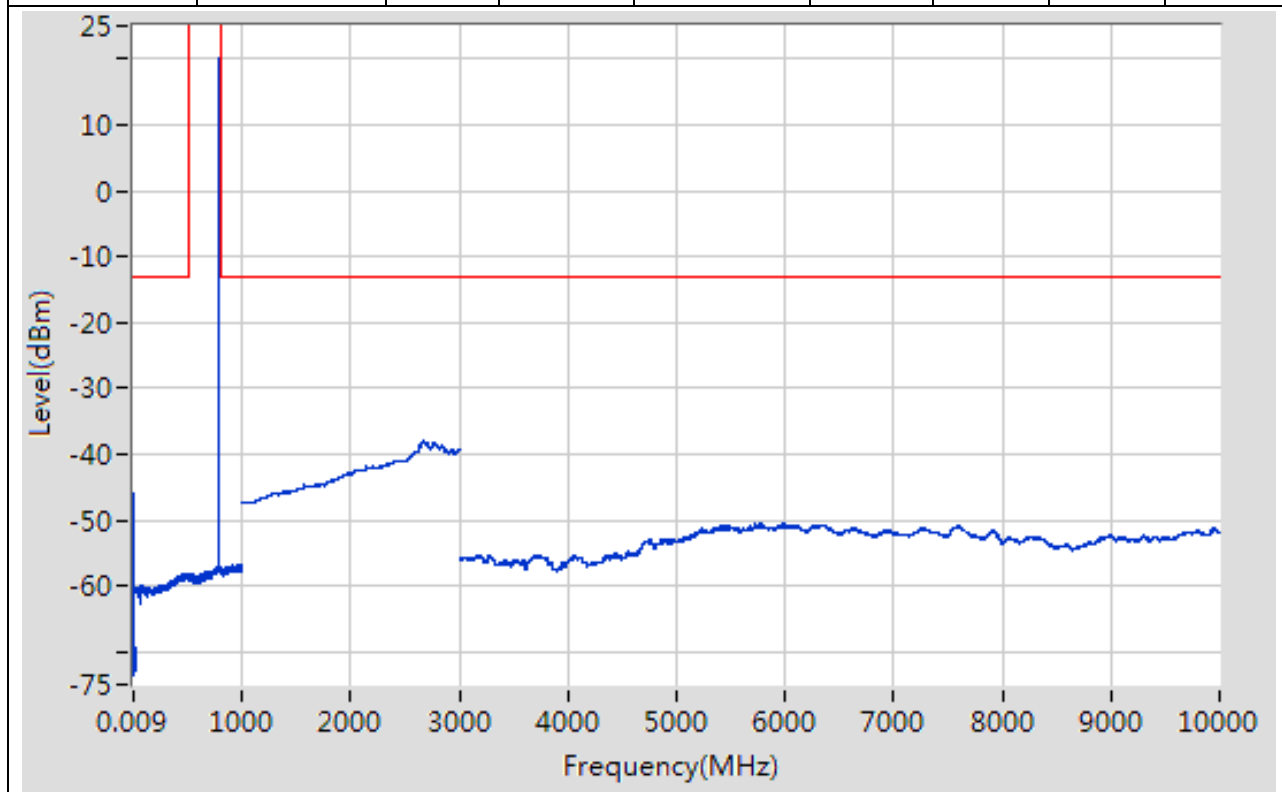
1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:23230, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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	-49.43	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.15	-13	Pass	2985
30	500	0.1	RMS	496.999	-58.04	-13	Pass	4700
500	795	0.1	RMS	779.795	19.98	60	Pass	2950
795	1000	0.1	RMS	942.372	-56.91	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.09	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.44	-13	Pass	7000



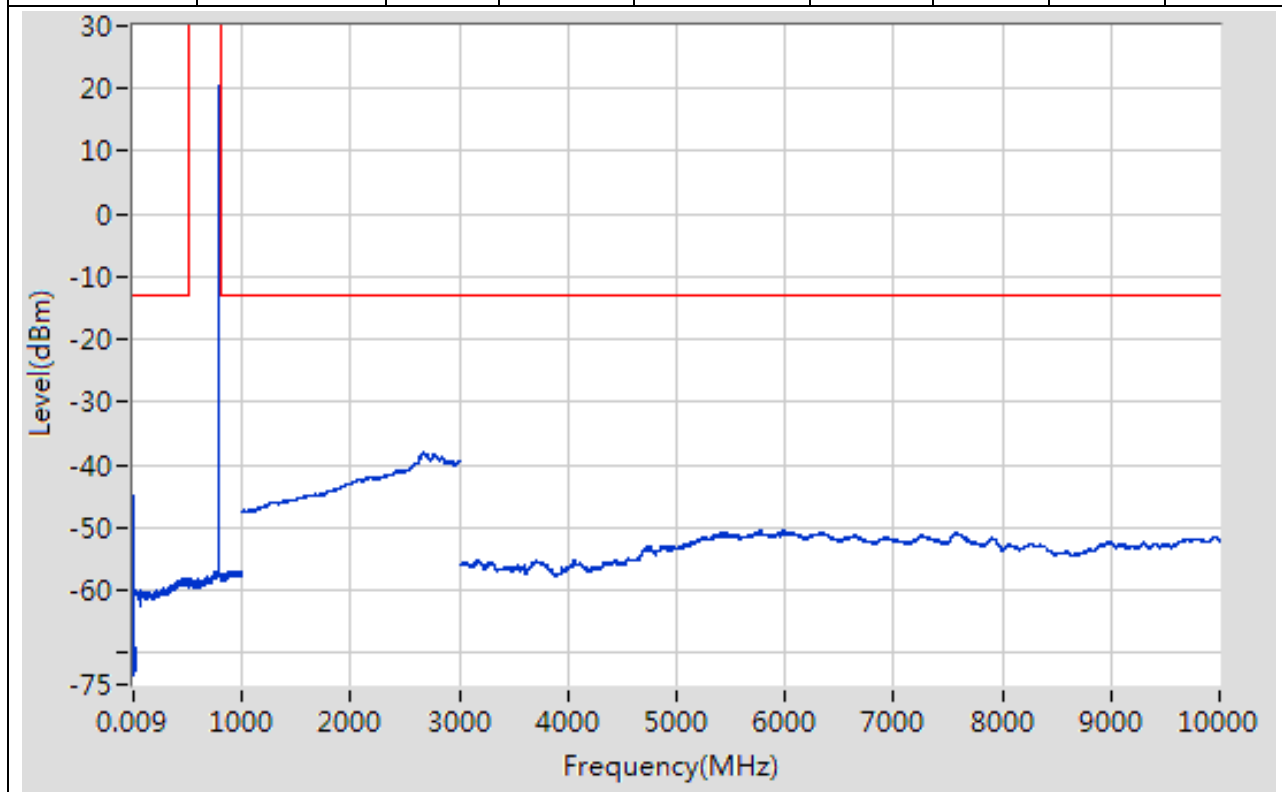
1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:23230, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	601
0.15	30	0.01	RMS	0.15	-46.04	-13	Pass	2985
30	500	0.1	RMS	452.49	-58.11	-13	Pass	4700
500	795	0.1	RMS	784.196	19.98	60	Pass	2950
795	1000	0.1	RMS	965.083	-56.92	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.07	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.43	-13	Pass	7000



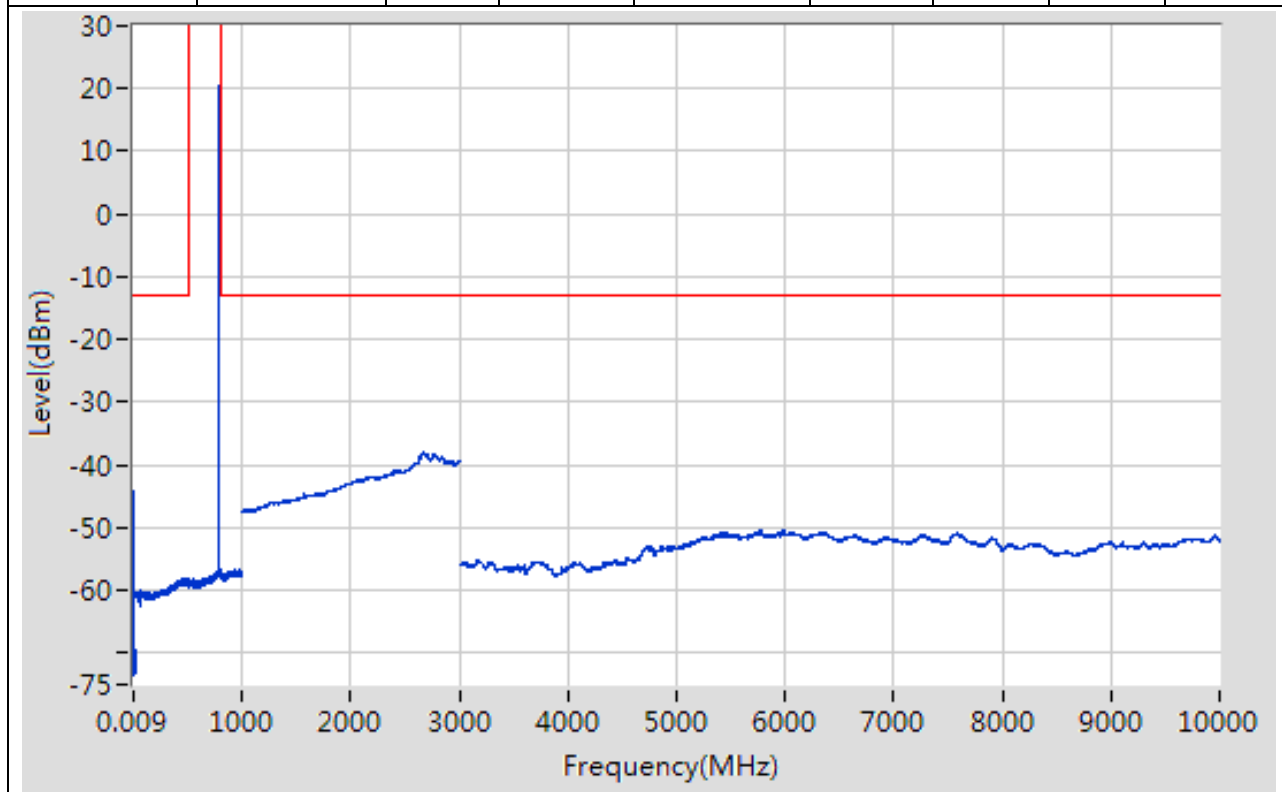
1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-47.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-44.72	-13	Pass	2985
30	500	0.1	RMS	498.9	-58.1	-13	Pass	4700
500	795	0.1	RMS	782.296	20.53	60	Pass	2950
795	1000	0.1	RMS	955.979	-56.92	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.03	-13	Pass	2000
3000	10000	1	RMS	5768.395	-50.42	-13	Pass	7000



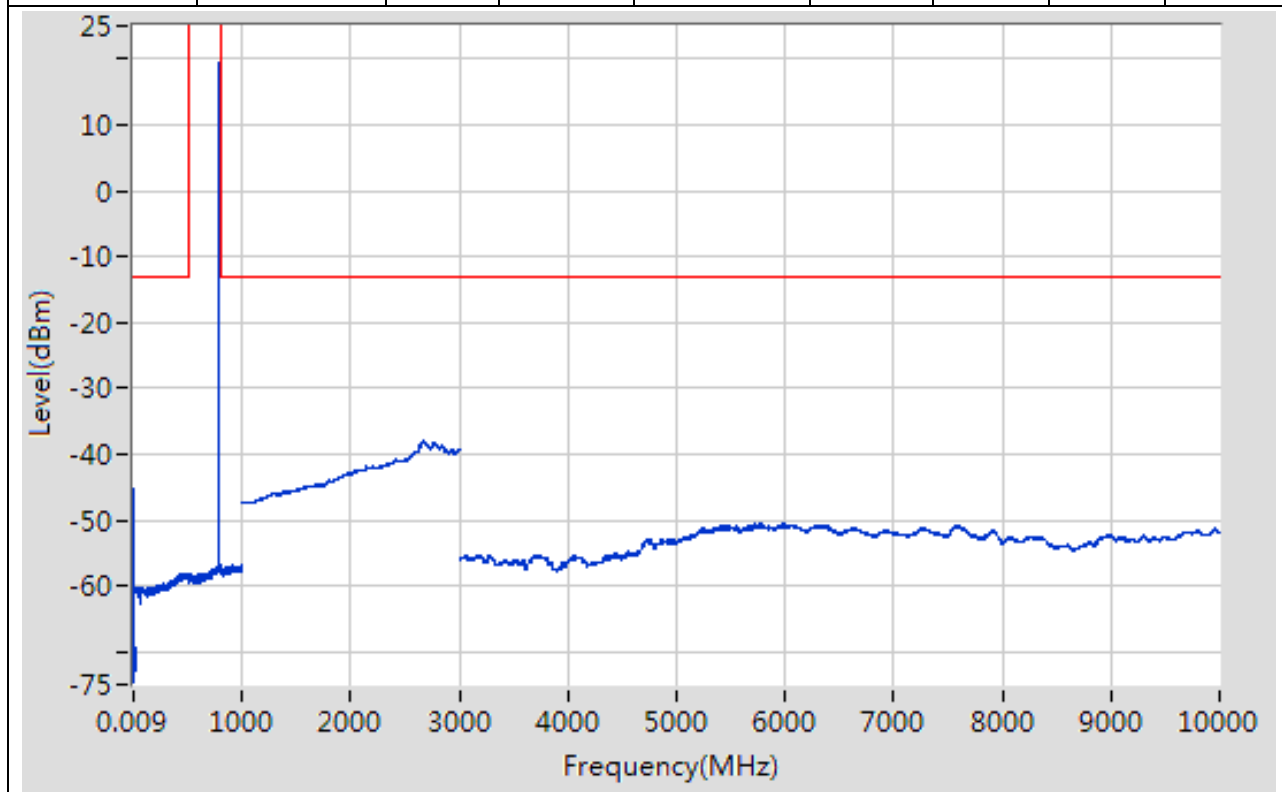
1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:23255, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-49.08	-13	Pass	601
0.15	30	0.01	RMS	0.15	-44.18	-13	Pass	2985
30	500	0.1	RMS	497.199	-58.04	-13	Pass	4700
500	795	0.1	RMS	786.697	20.6	60	Pass	2950
795	1000	0.1	RMS	795.3	-56.47	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.08	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.44	-13	Pass	7000



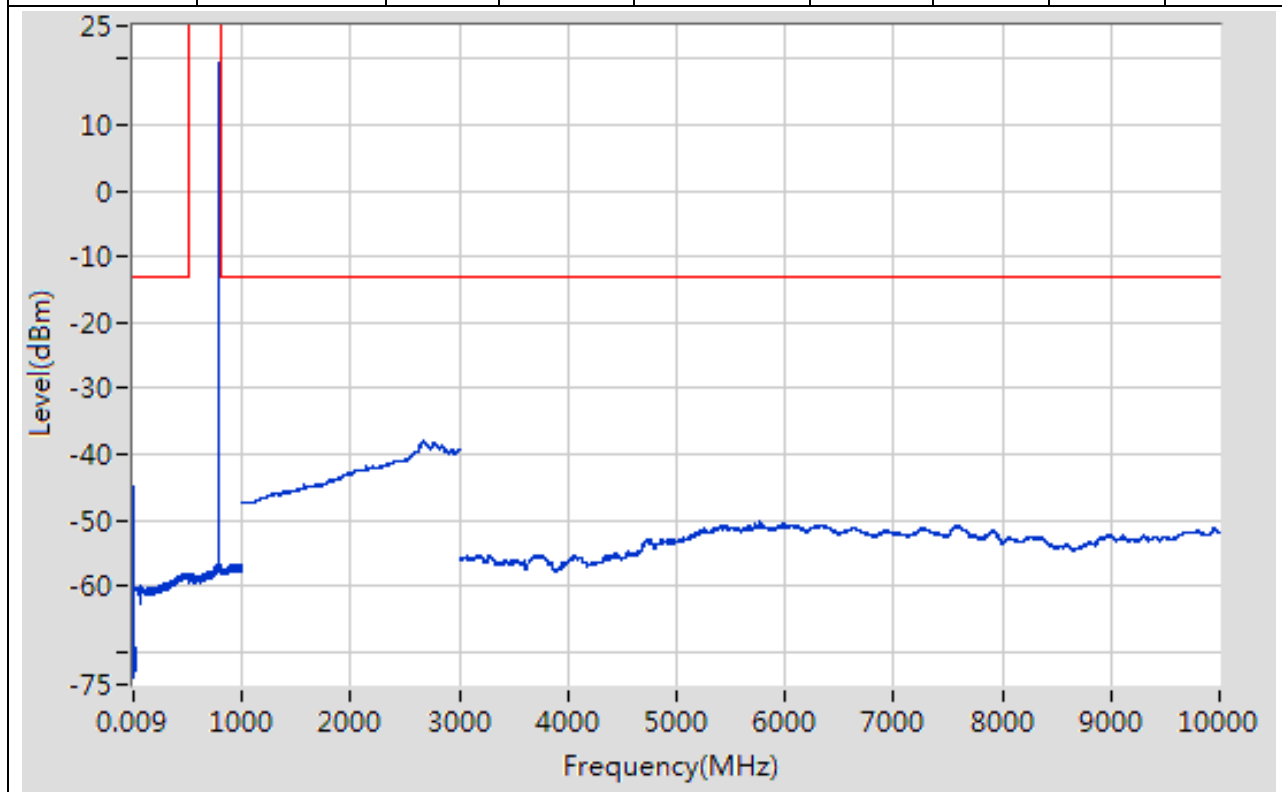
1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:23255, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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	-49.05	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.21	-13	Pass	2985
30	500	0.1	RMS	498.7	-58.15	-13	Pass	4700
500	795	0.1	RMS	782.296	19.25	60	Pass	2950
795	1000	0.1	RMS	989.895	-56.96	-13	Pass	2050
1000	3000	1	RMS	2670.835	-38.09	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.41	-13	Pass	7000



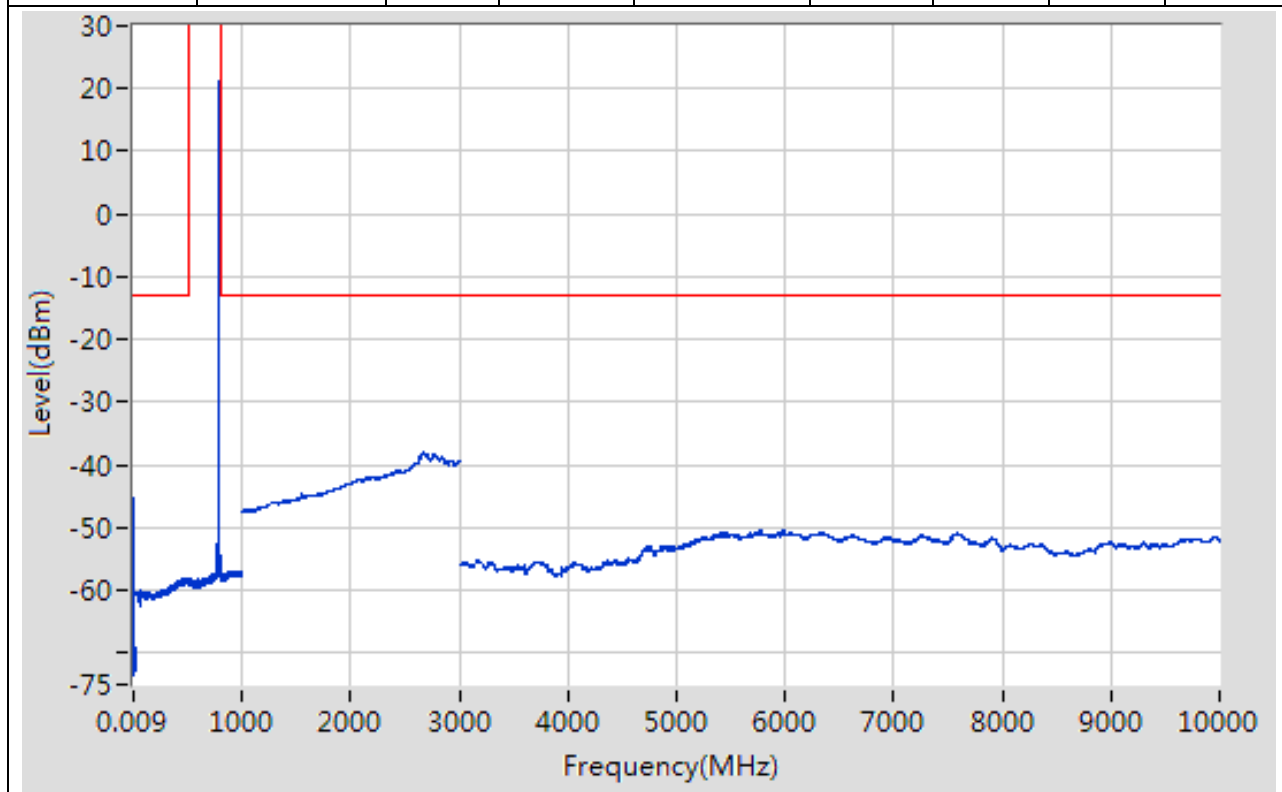
1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:23255, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	-48.49	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.01	-13	Pass	2985
30	500	0.1	RMS	450.69	-58.13	-13	Pass	4700
500	795	0.1	RMS	786.697	19.47	60	Pass	2950
795	1000	0.1	RMS	991.496	-56.77	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.08	-13	Pass	2000
3000	10000	1	RMS	5768.395	-50.32	-13	Pass	7000



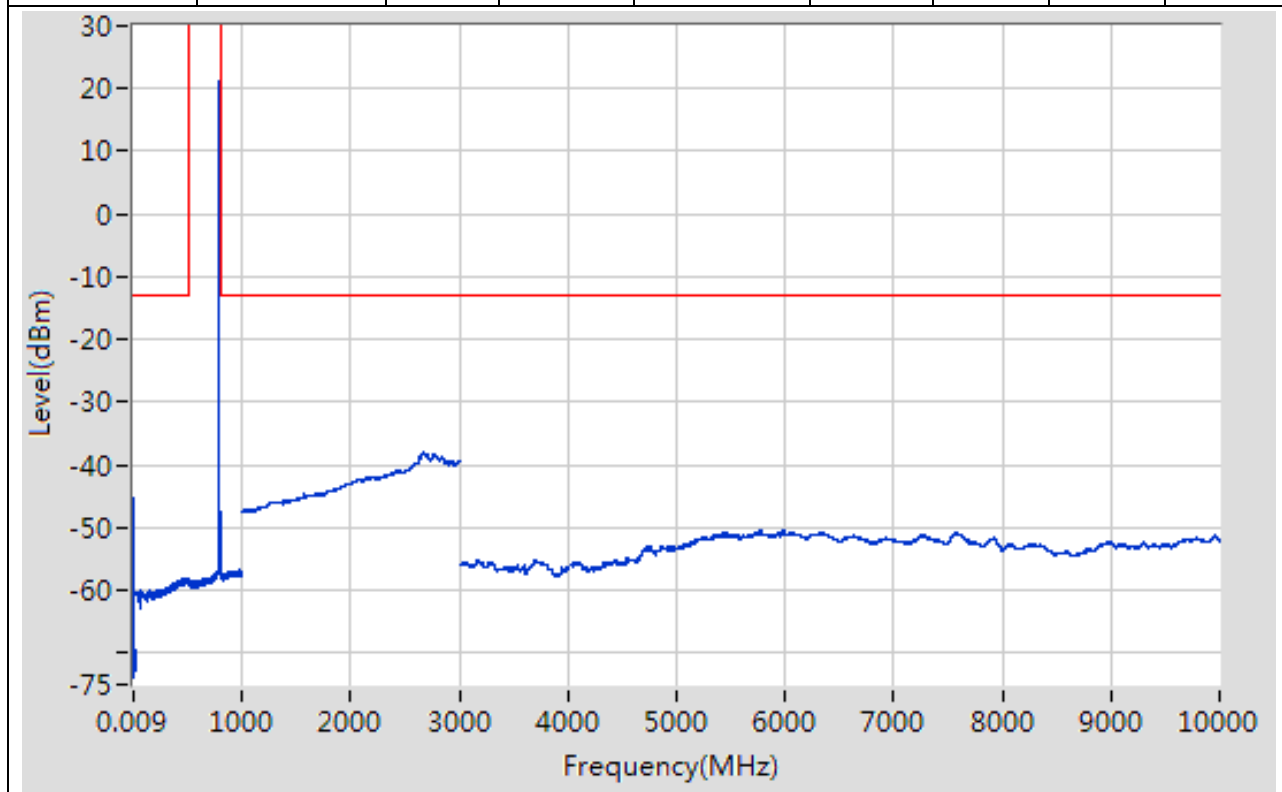
1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-48.52	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.21	-13	Pass	2985
30	500	0.1	RMS	497.099	-58.12	-13	Pass	4700
500	795	0.1	RMS	777.594	21.3	60	Pass	2950
795	1000	0.1	RMS	795.2	-54.42	-13	Pass	2050
1000	3000	1	RMS	2666.833	-38.07	-13	Pass	2000
3000	10000	1	RMS	5770.396	-50.42	-13	Pass	7000



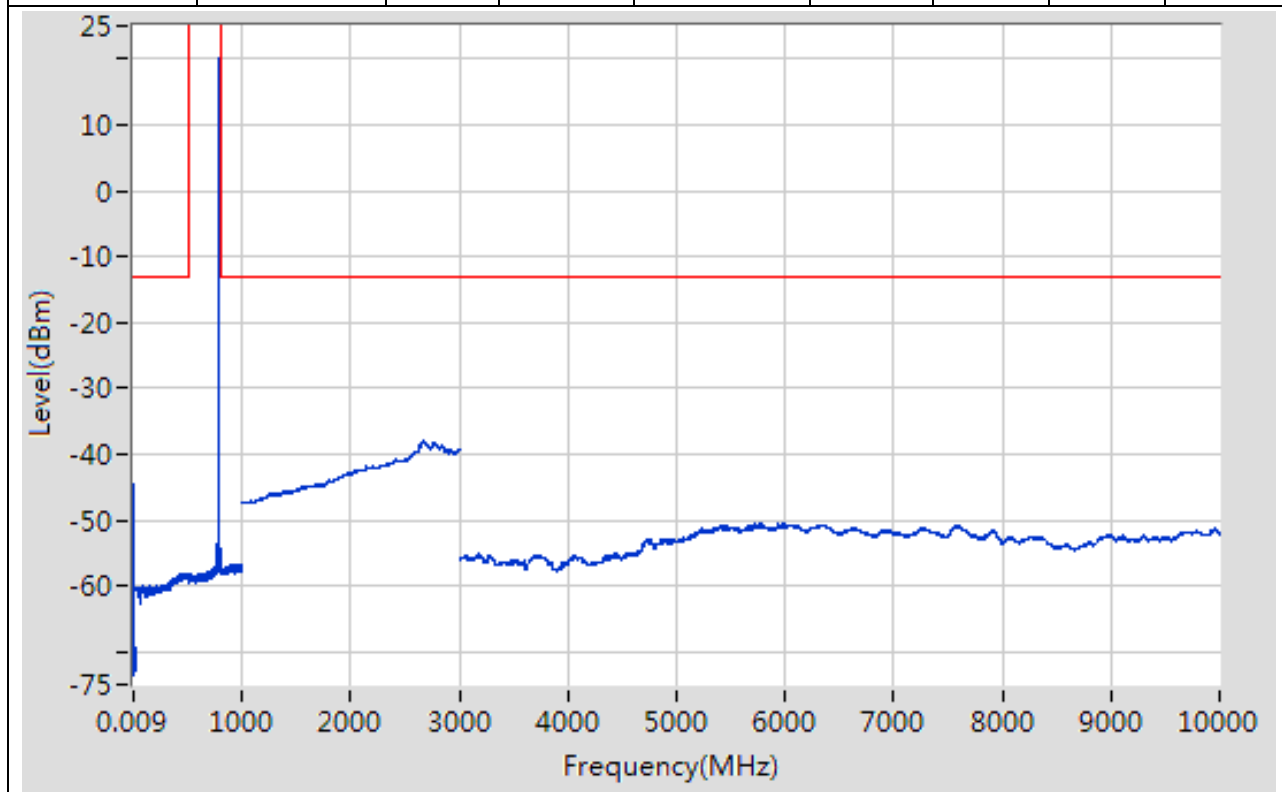
1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:23230, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-49.33	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.18	-13	Pass	2985
30	500	0.1	RMS	496.799	-58.07	-13	Pass	4700
500	795	0.1	RMS	786.397	21.21	60	Pass	2950
795	1000	0.1	RMS	795.2	-47.39	-13	Pass	2050
1000	3000	1	RMS	2667.834	-38.06	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.35	-13	Pass	7000



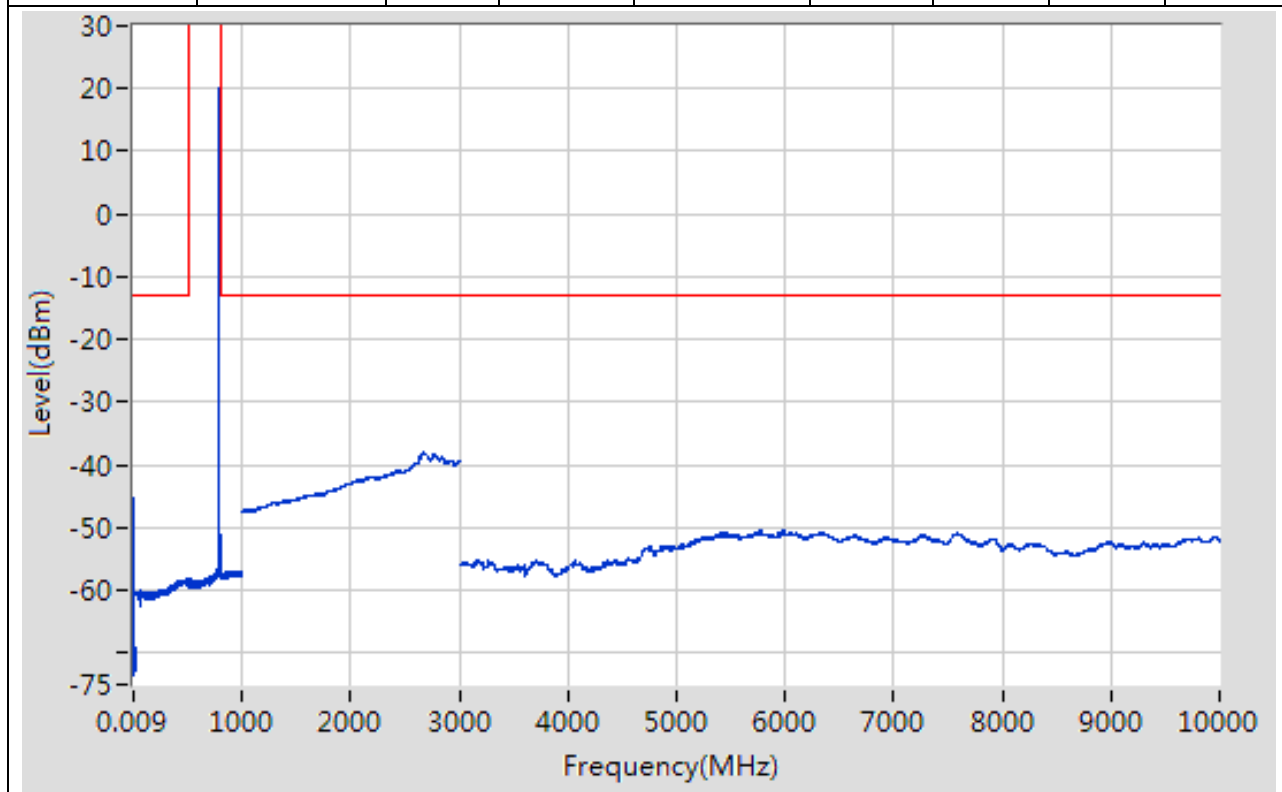
1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

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	601
0.15	30	0.01	RMS	0.15	-44.51	-13	Pass	2985
30	500	0.1	RMS	497.8	-58.05	-13	Pass	4700
500	795	0.1	RMS	777.594	19.96	60	Pass	2950
795	1000	0.1	RMS	795.2	-54.54	-13	Pass	2050
1000	3000	1	RMS	2669.835	-38.02	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.4	-13	Pass	7000



1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:23230, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	-48.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-45.25	-13	Pass	2985
30	500	0.1	RMS	499.1	-58.07	-13	Pass	4700
500	795	0.1	RMS	786.397	20.13	60	Pass	2950
795	1000	0.1	RMS	795.3	-51.24	-13	Pass	2050
1000	3000	1	RMS	2666.833	-38.04	-13	Pass	2000
3000	10000	1	RMS	5769.396	-50.41	-13	Pass	7000



END