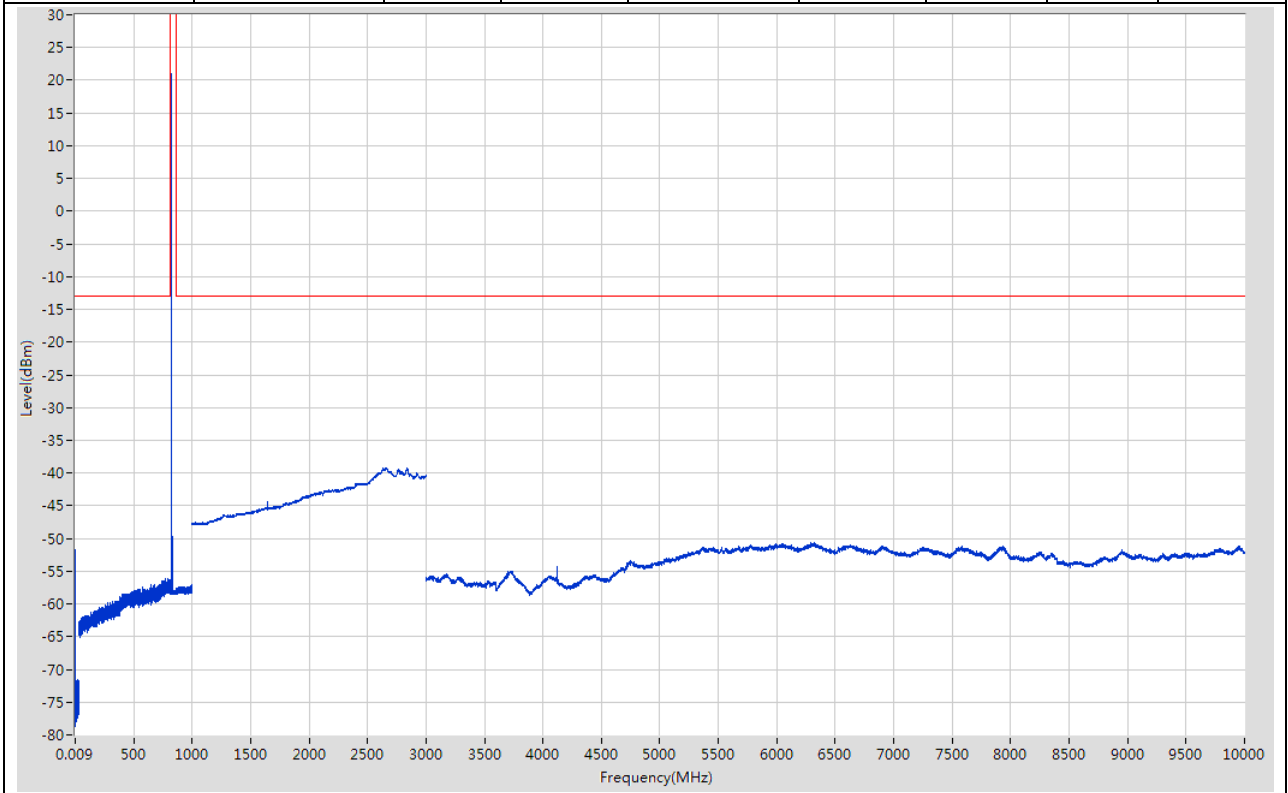# Annex C. LTE Transmitter Spurious Emissions
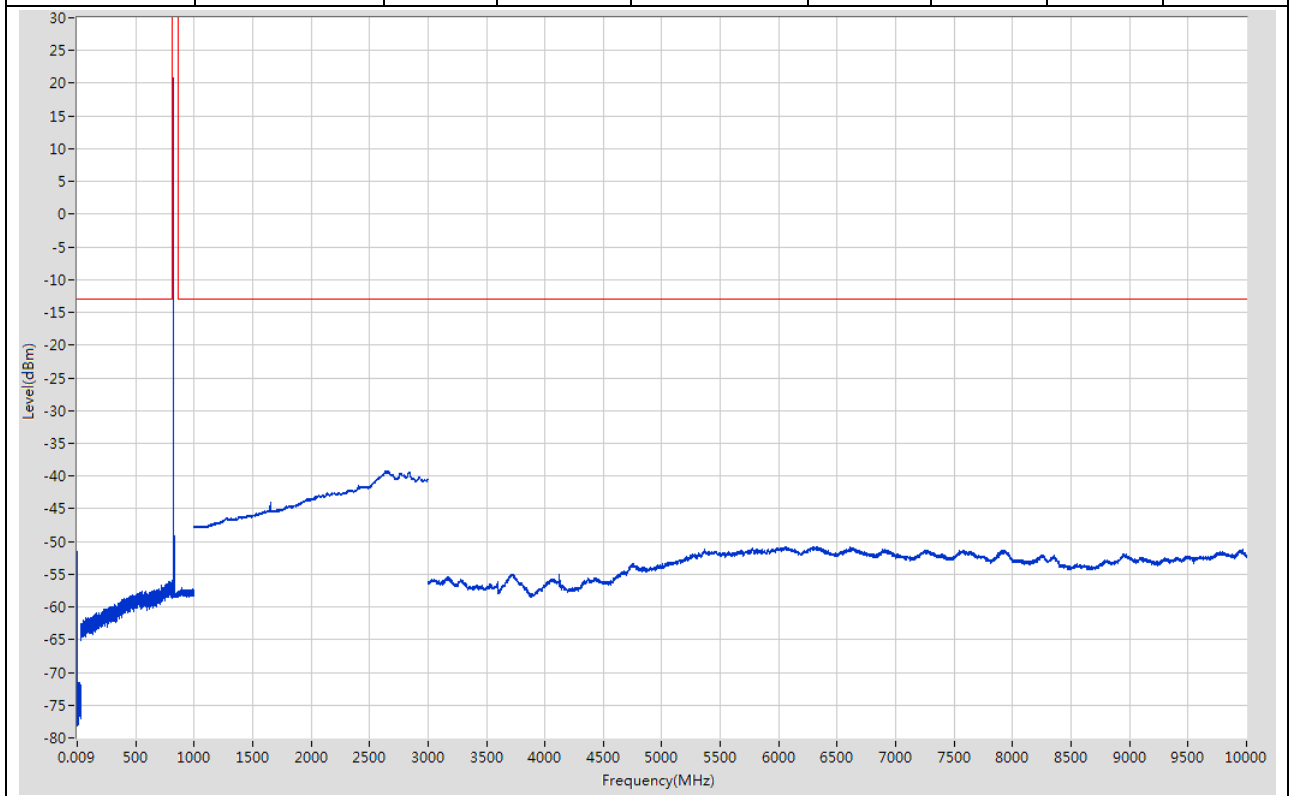
1. LTE_Band5

1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

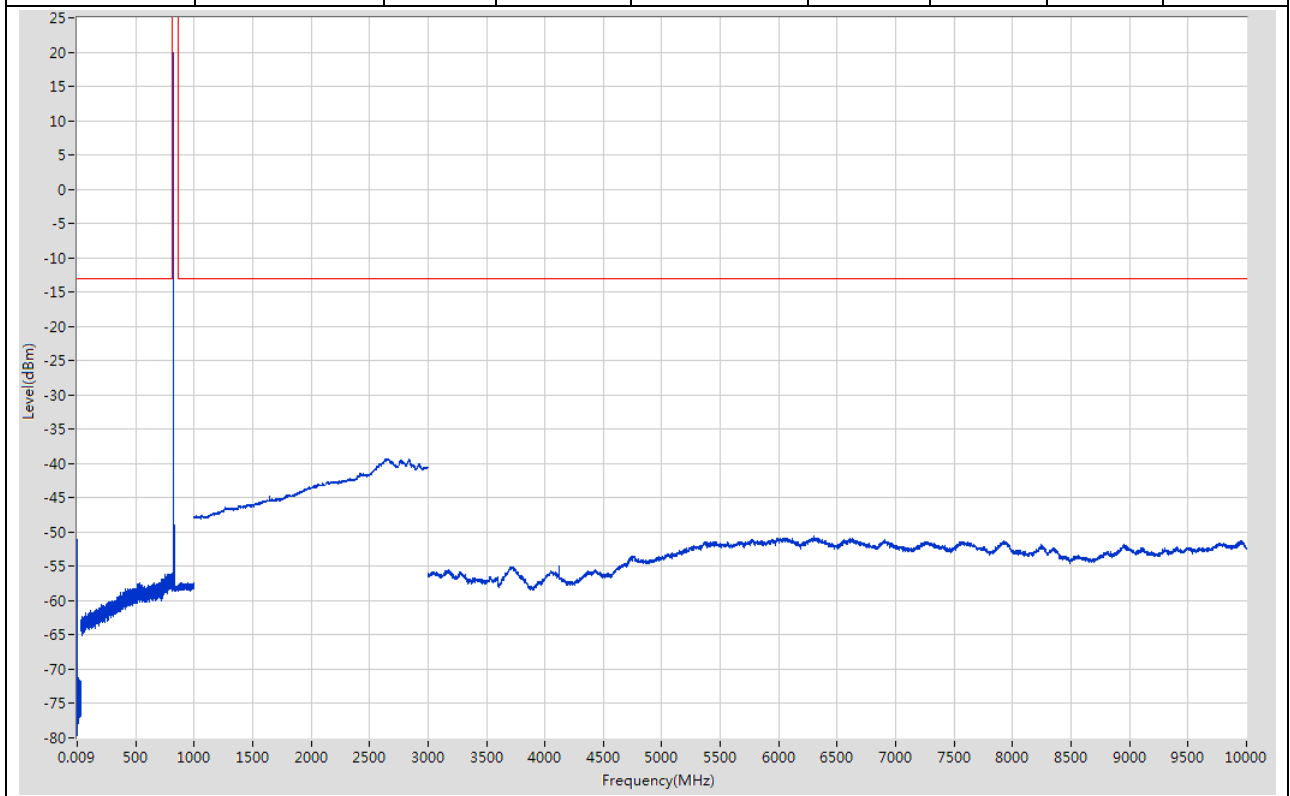| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.67	-13	Pass	2985
30	814	0.1	RMS	793.897	-56.12	-13	Pass	7840
814	860	0.1	RMS	824.273	21.06	60	Pass	601
860	1000	0.1	RMS	995.096	-57.12	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.19	-13	Pass	2000
3000	10000	1	RMS	6318.474	-50.64	-13	Pass	7000

1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

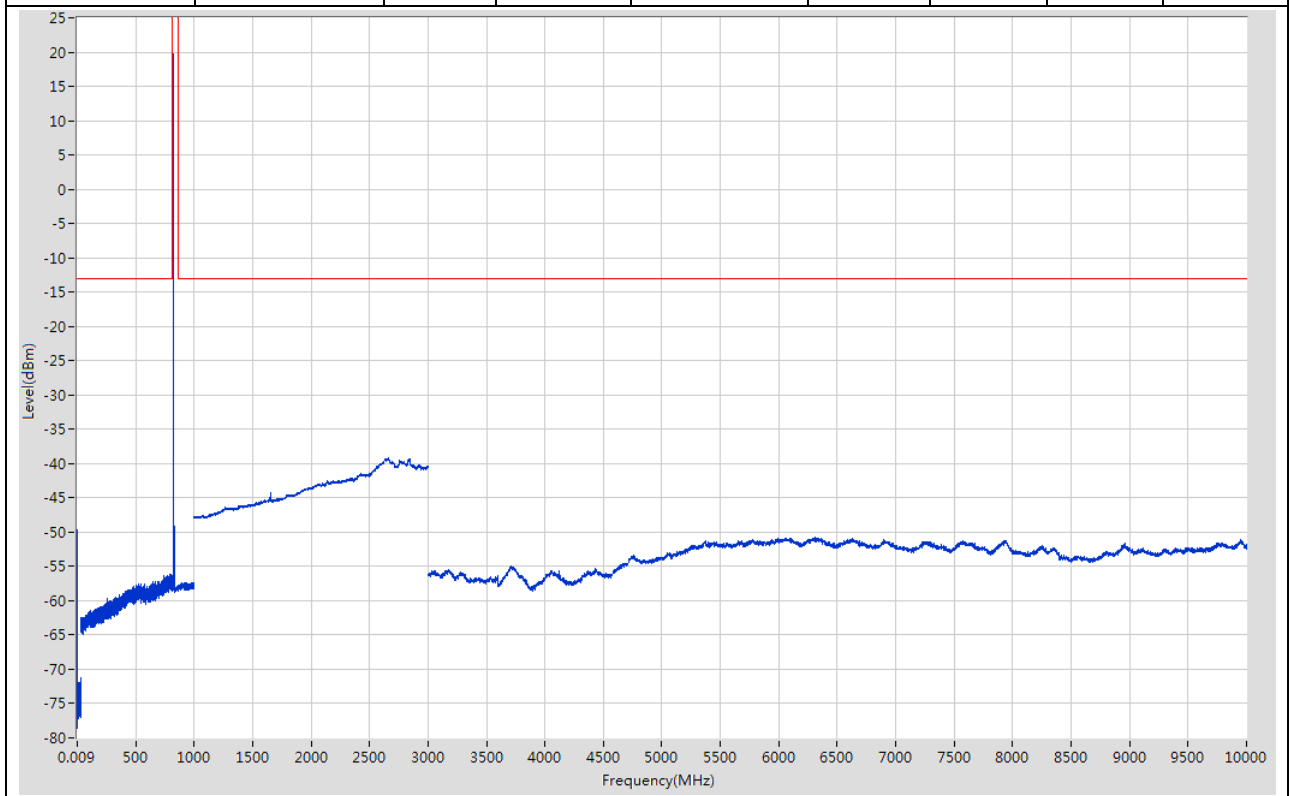| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.09	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.58	-13	Pass	2985
30	814	0.1	RMS	813.6	-56.01	-13	Pass	7840
814	860	0.1	RMS	825.117	20.89	60	Pass	601
860	1000	0.1	RMS	894.024	-57.04	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.18	-13	Pass	2000
3000	10000	1	RMS	6293.47	-50.79	-13	Pass	7000

1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

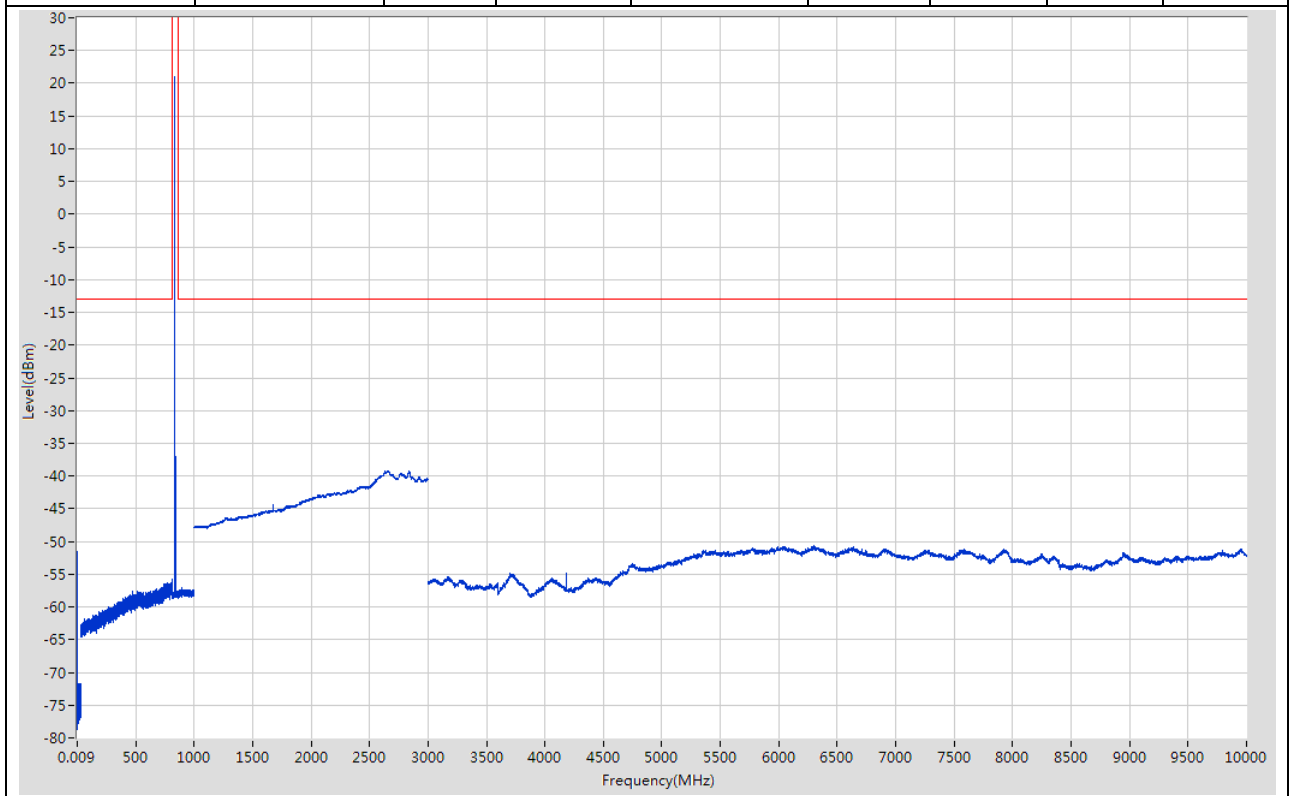| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.58	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.01	-13	Pass	2985
30	814	0.1	RMS	807.499	-55.97	-13	Pass	7840
814	860	0.1	RMS	824.273	19.96	60	Pass	601
860	1000	0.1	RMS	993.695	-57.34	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.25	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.64	-13	Pass	7000

1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

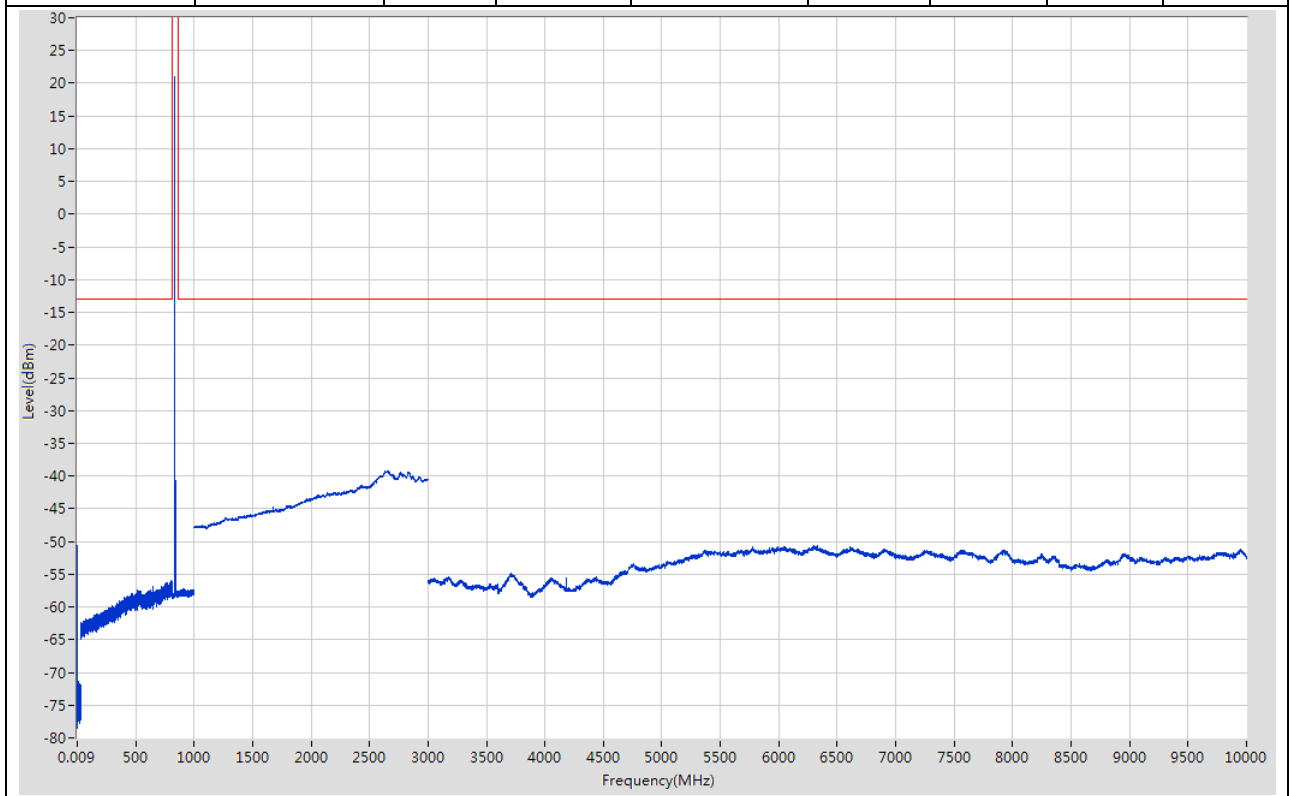| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.16	-13	Pass	601
0.15	30	0.01	RMS	0.15	-49.7	-13	Pass	2985
30	814	0.1	RMS	794.598	-56.2	-13	Pass	7840
814	860	0.1	RMS	825.117	19.77	60	Pass	601
860	1000	0.1	RMS	913.738	-57.3	-13	Pass	1400
1000	3000	1	RMS	2663.832	-39.23	-13	Pass	2000
3000	10000	1	RMS	6310.473	-50.68	-13	Pass	7000

1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

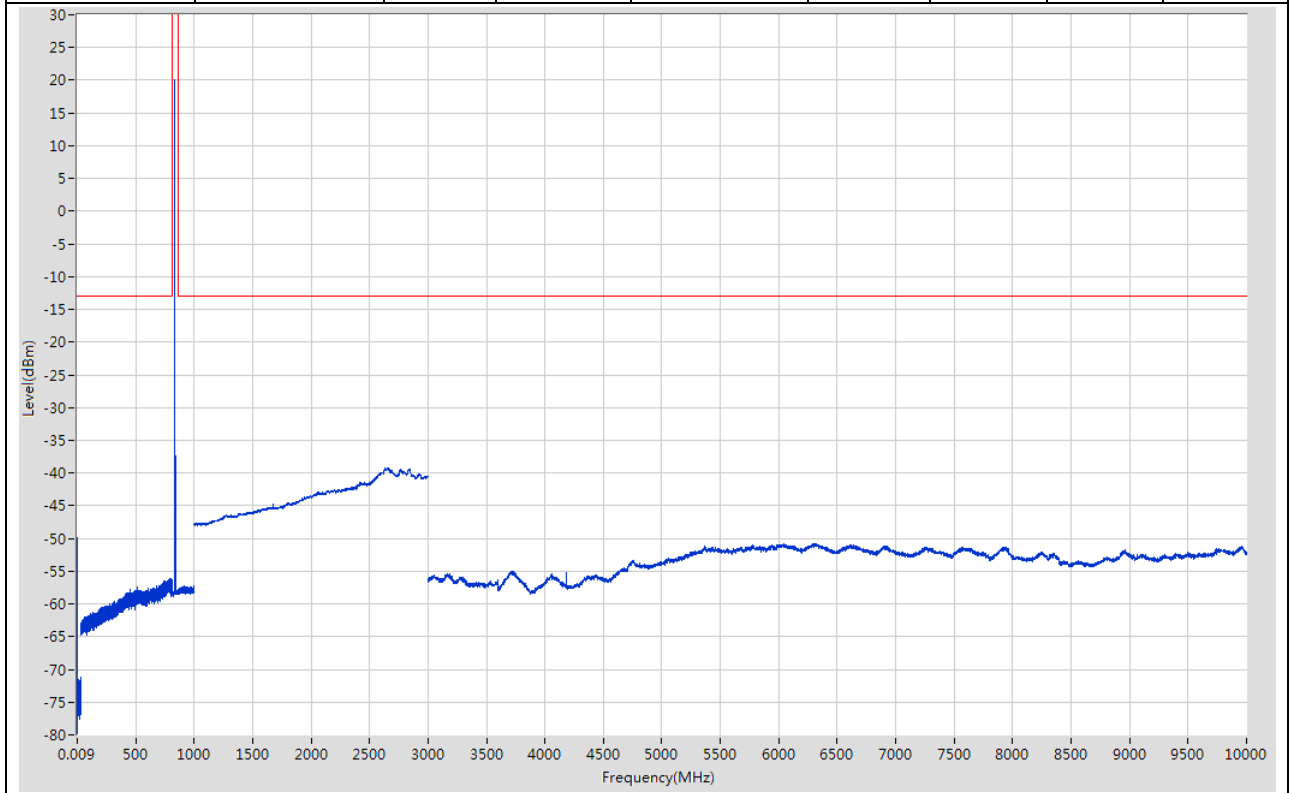| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.86	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.52	-13	Pass	2985
30	814	0.1	RMS	808.699	-55.78	-13	Pass	7840
814	860	0.1	RMS	836.08	21.02	60	Pass	601
860	1000	0.1	RMS	889.621	-57.11	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.22	-13	Pass	2000
3000	10000	1	RMS	6303.472	-50.64	-13	Pass	7000

1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

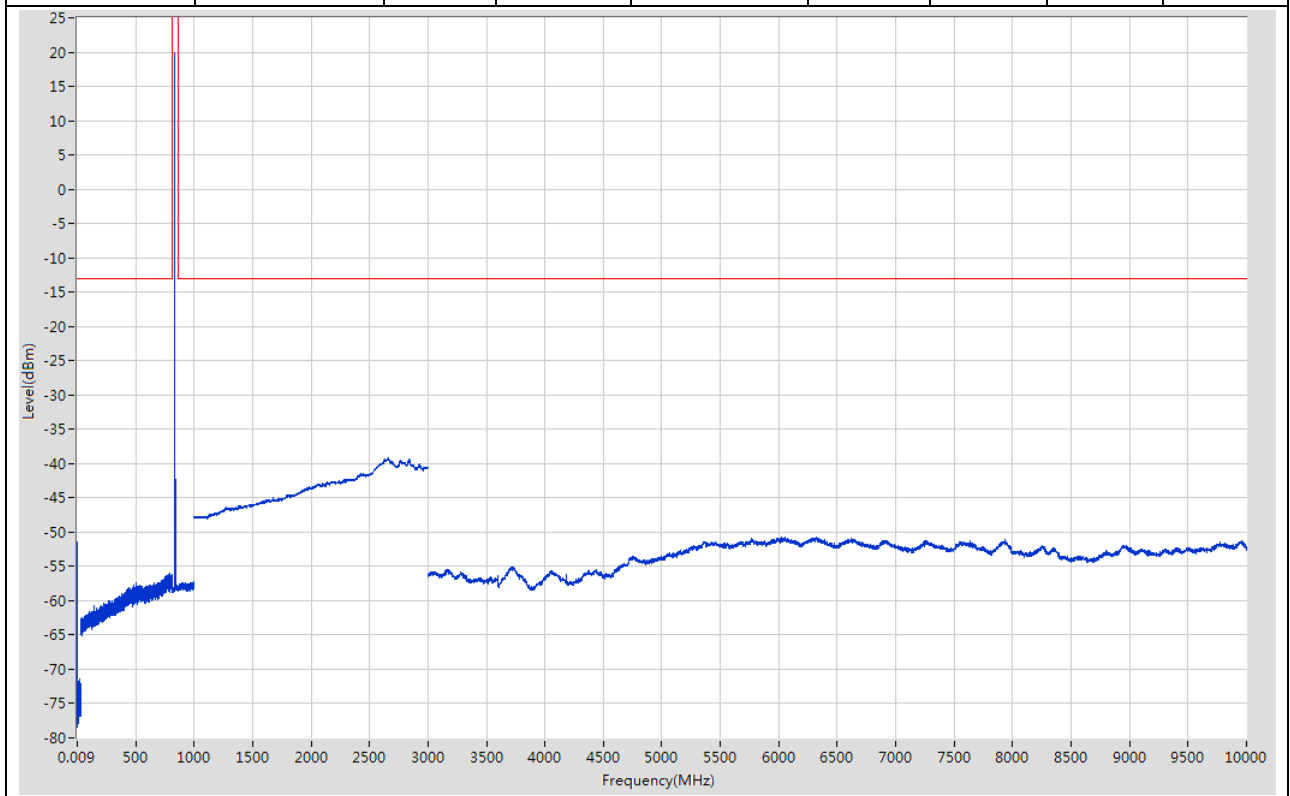| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.2	-13	Pass	601
0.15	30	0.01	RMS	0.16	-50.64	-13	Pass	2985
30	814	0.1	RMS	799.098	-55.91	-13	Pass	7840
814	860	0.1	RMS	836.923	21.02	60	Pass	601
860	1000	0.1	RMS	901.73	-57.28	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.18	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.67	-13	Pass	7000

1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

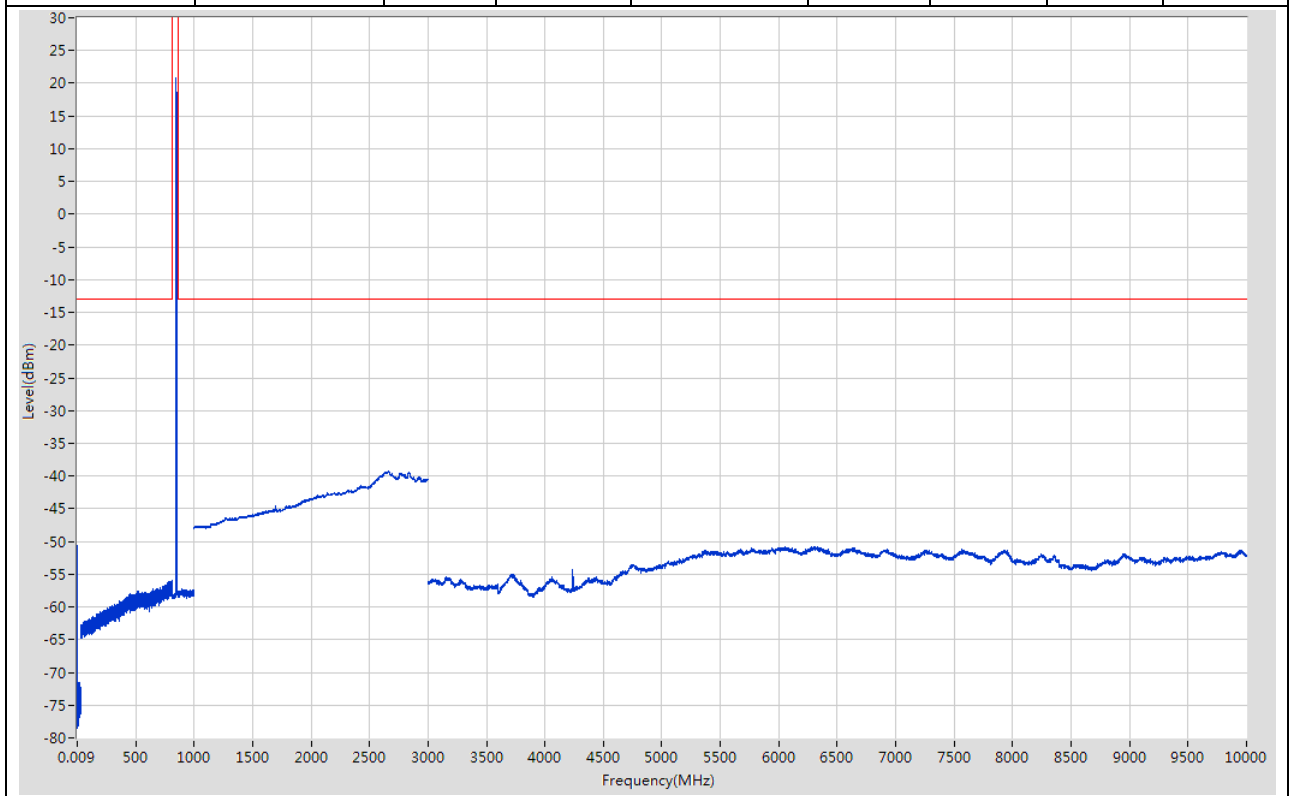| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.03	-13	Pass	601
0.15	30	0.01	RMS	0.15	-49.87	-13	Pass	2985
30	814	0.1	RMS	790.897	-56.06	-13	Pass	7840
814	860	0.1	RMS	836.08	20.03	60	Pass	601
860	1000	0.1	RMS	914.839	-57.3	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.17	-13	Pass	2000
3000	10000	1	RMS	6295.471	-50.79	-13	Pass	7000

1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

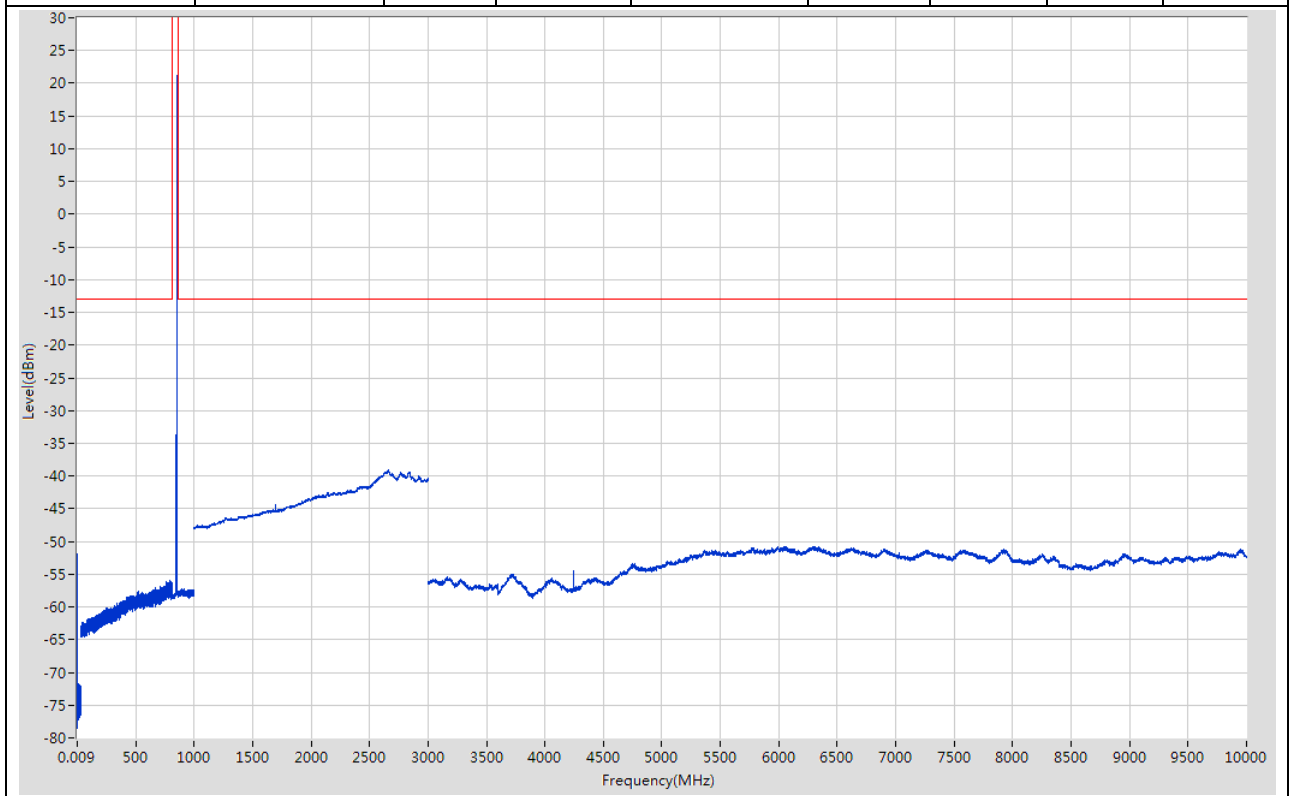| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.51	-13	Pass	2985
30	814	0.1	RMS	794.398	-55.97	-13	Pass	7840
814	860	0.1	RMS	836.923	19.91	60	Pass	601
860	1000	0.1	RMS	996.798	-57.3	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.2	-13	Pass	2000
3000	10000	1	RMS	6324.475	-50.69	-13	Pass	7000

1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

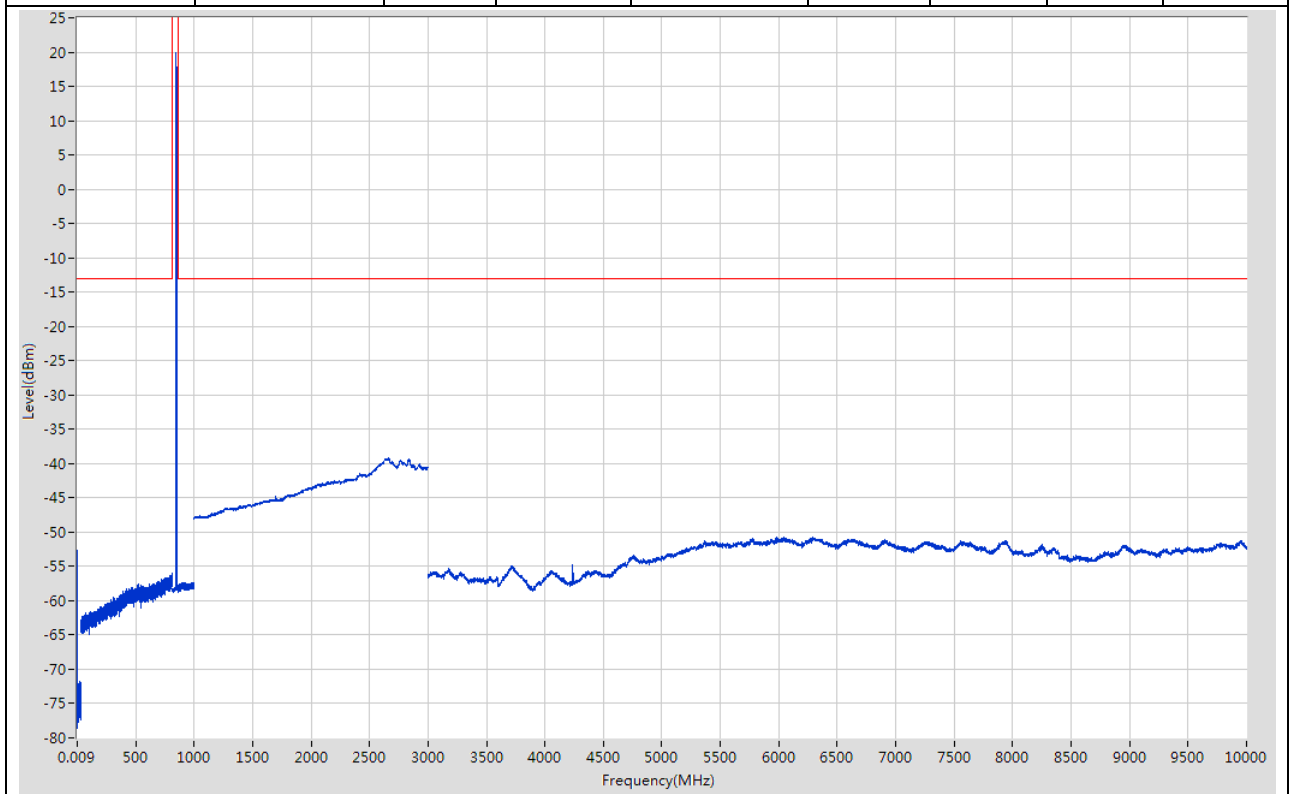| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.71	-13	Pass	2985
30	814	0.1	RMS	807.899	-55.96	-13	Pass	7840
814	860	0.1	RMS	847.81	20.85	60	Pass	601
860	1000	0.1	RMS	895.225	-57.21	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.24	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.76	-13	Pass	7000

1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

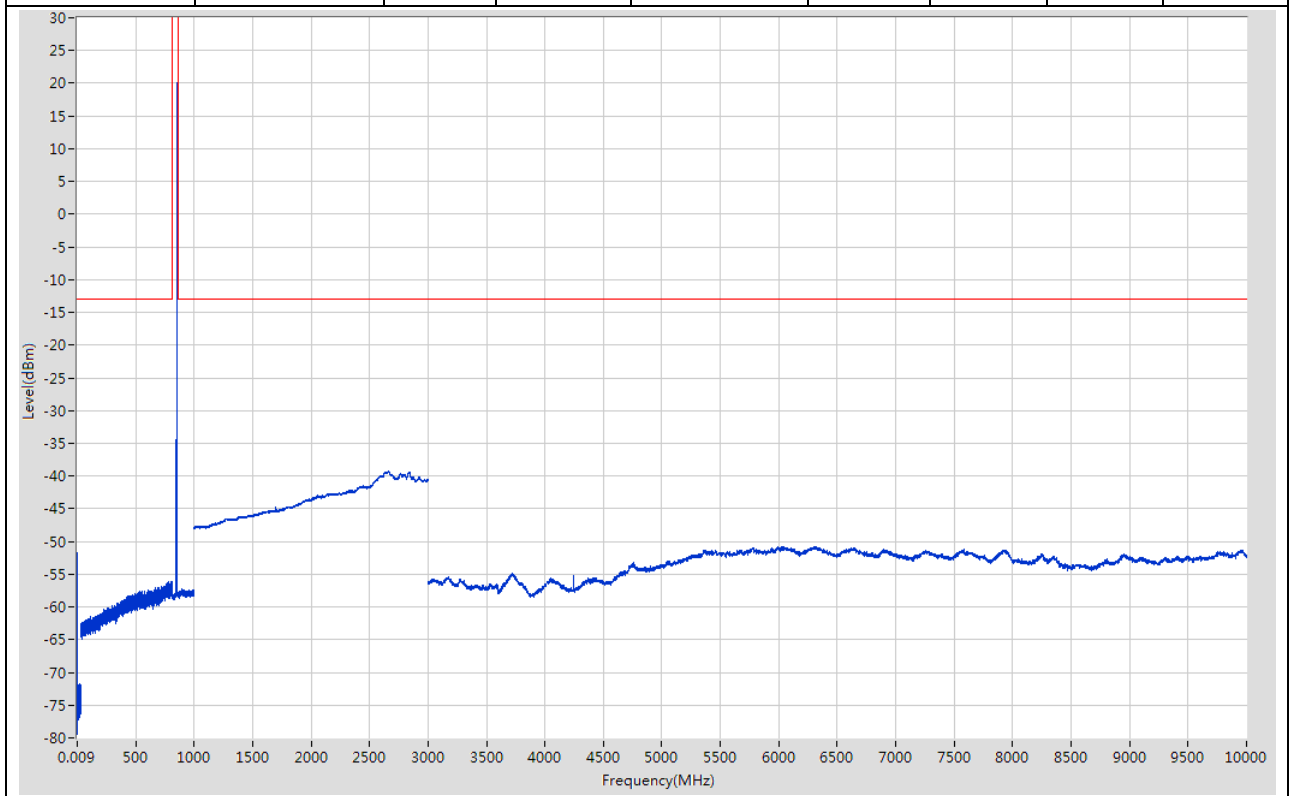| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.78	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.91	-13	Pass	2985
30	814	0.1	RMS	787.697	-56.01	-13	Pass	7840
814	860	0.1	RMS	848.73	21.11	60	Pass	601
860	1000	0.1	RMS	897.127	-57.27	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.14	-13	Pass	2000
3000	10000	1	RMS	6285.469	-50.79	-13	Pass	7000

1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

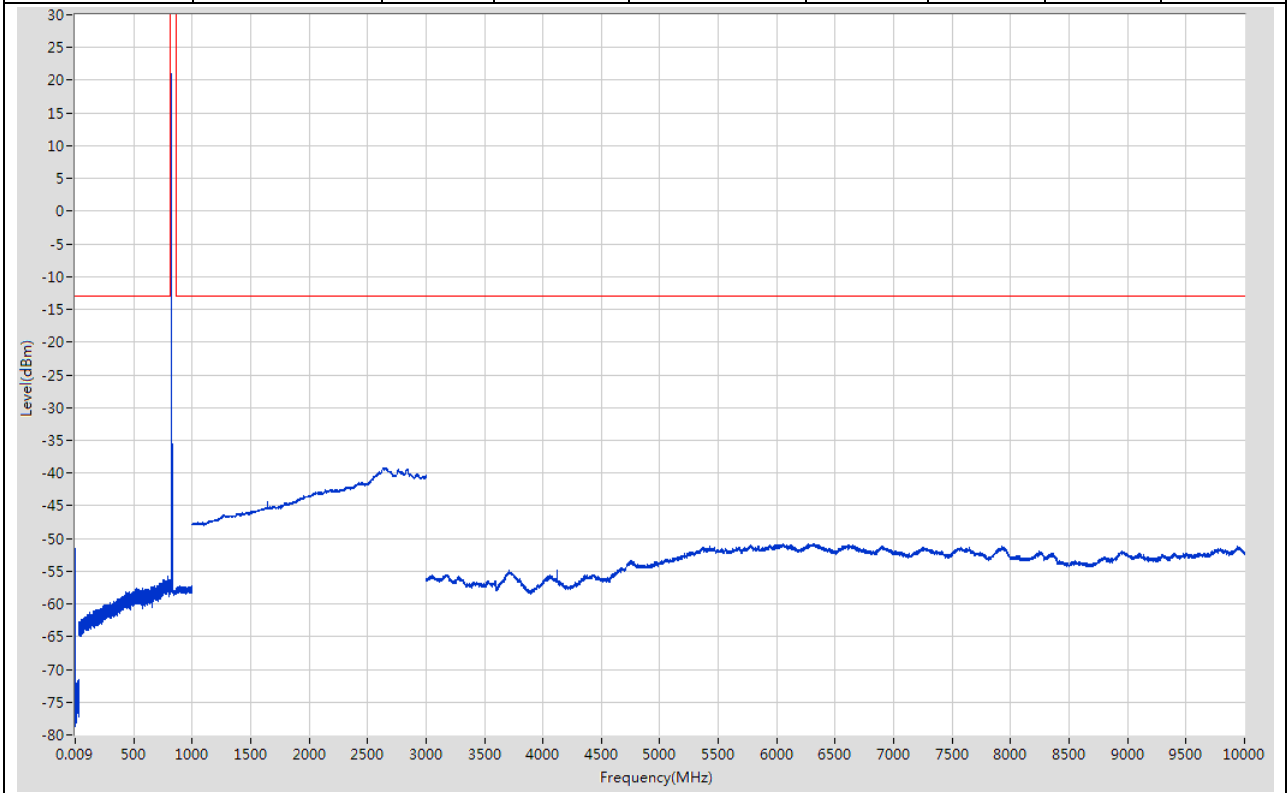| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.42	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.58	-13	Pass	2985
30	814	0.1	RMS	811.5	-56	-13	Pass	7840
814	860	0.1	RMS	847.887	19.97	60	Pass	601
860	1000	0.1	RMS	897.127	-57.31	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.24	-13	Pass	2000
3000	10000	1	RMS	6043.435	-50.75	-13	Pass	7000

1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

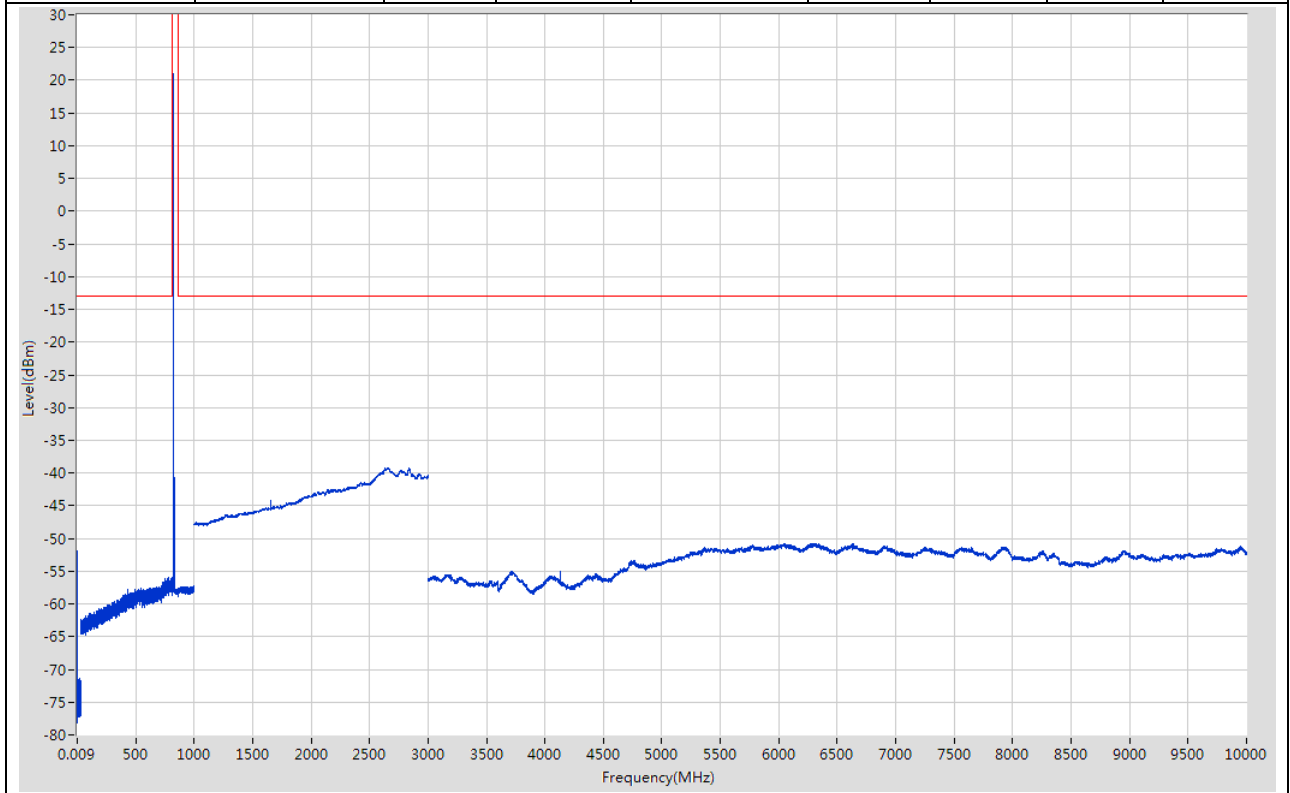| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.74	-13	Pass	2985
30	814	0.1	RMS	784.196	-56.15	-13	Pass	7840
814	860	0.1	RMS	848.73	20.15	60	Pass	601
860	1000	0.1	RMS	891.322	-57.21	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.22	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.74	-13	Pass	7000

1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

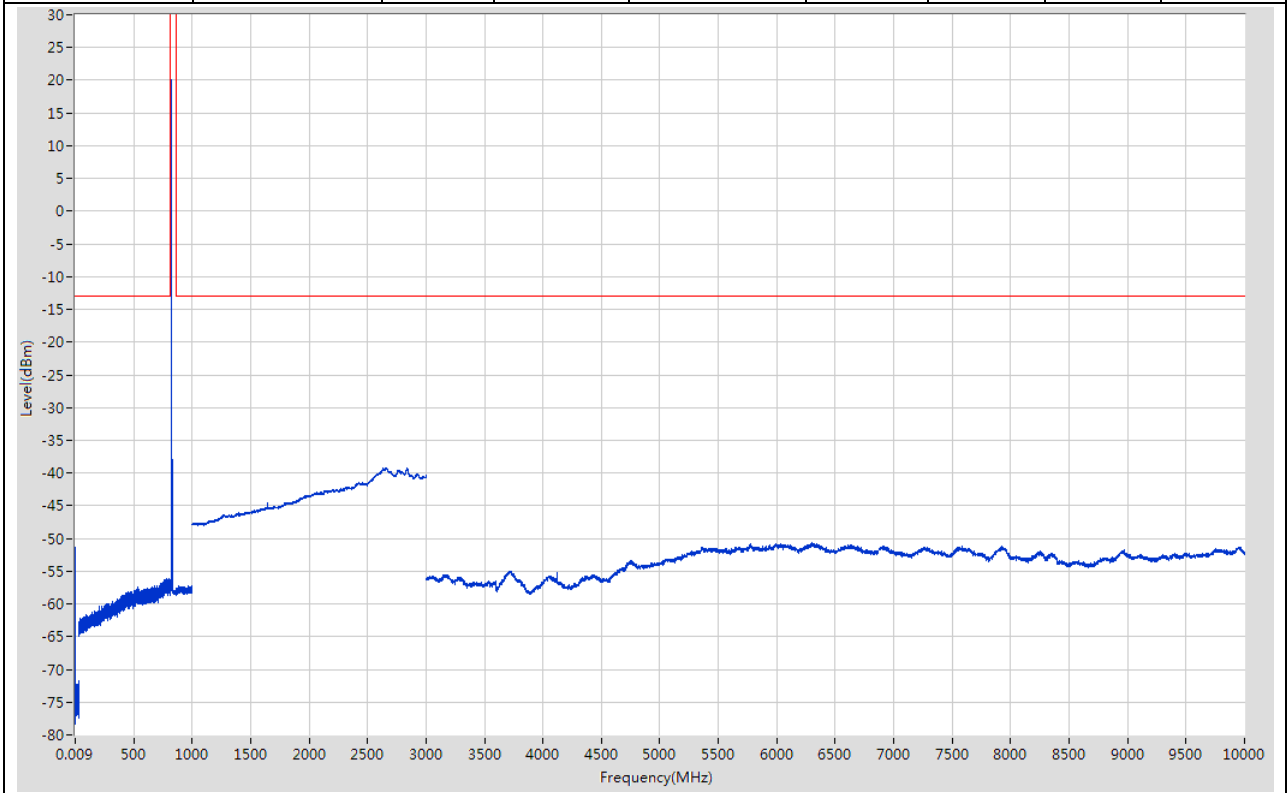| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.13	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.45	-13	Pass	2985
30	814	0.1	RMS	795.998	-55.69	-13	Pass	7840
814	860	0.1	RMS	824.273	20.98	60	Pass	601
860	1000	0.1	RMS	895.425	-57.27	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.19	-13	Pass	2000
3000	10000	1	RMS	6049.436	-50.79	-13	Pass	7000

1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

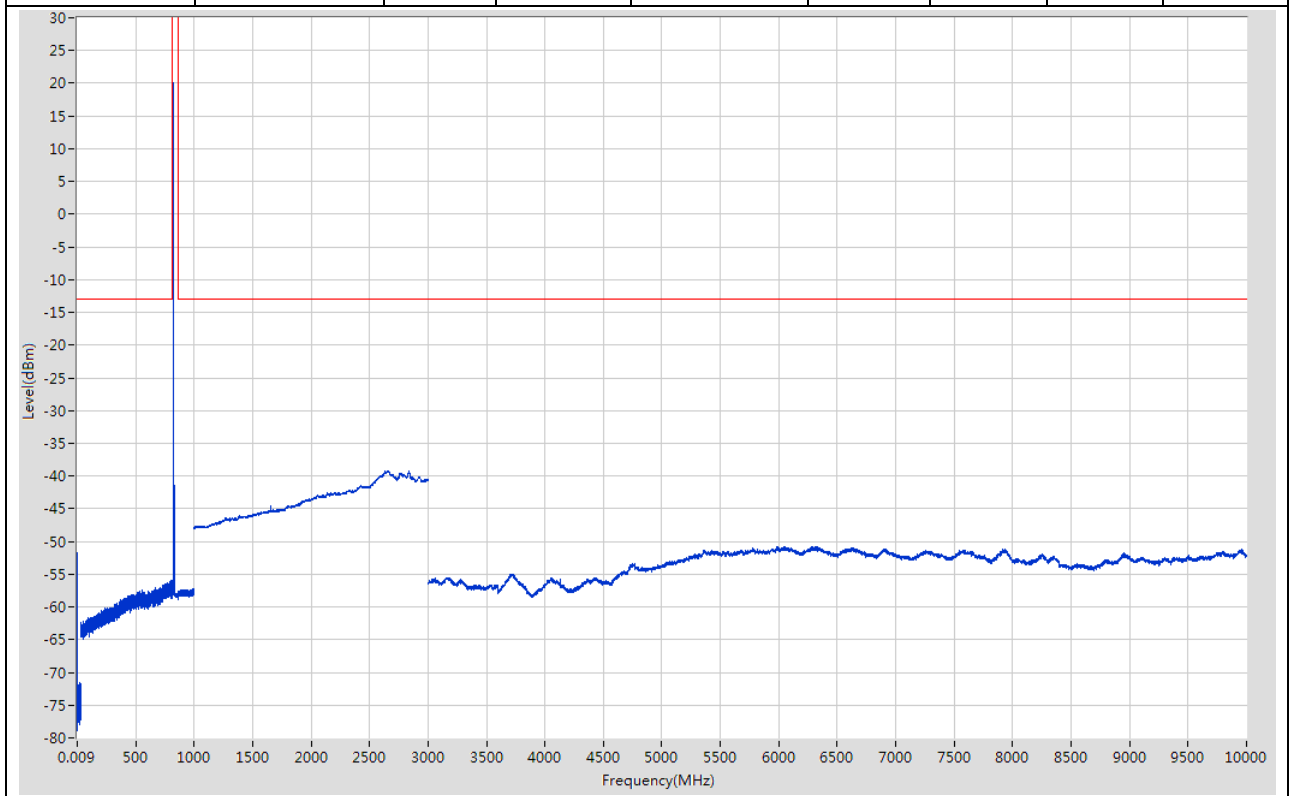| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.89	-13	Pass	2985
30	814	0.1	RMS	812.3	-55.89	-13	Pass	7840
814	860	0.1	RMS	826.727	21.07	60	Pass	601
860	1000	0.1	RMS	997.898	-57.2	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.19	-13	Pass	2000
3000	10000	1	RMS	6292.47	-50.79	-13	Pass	7000

1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

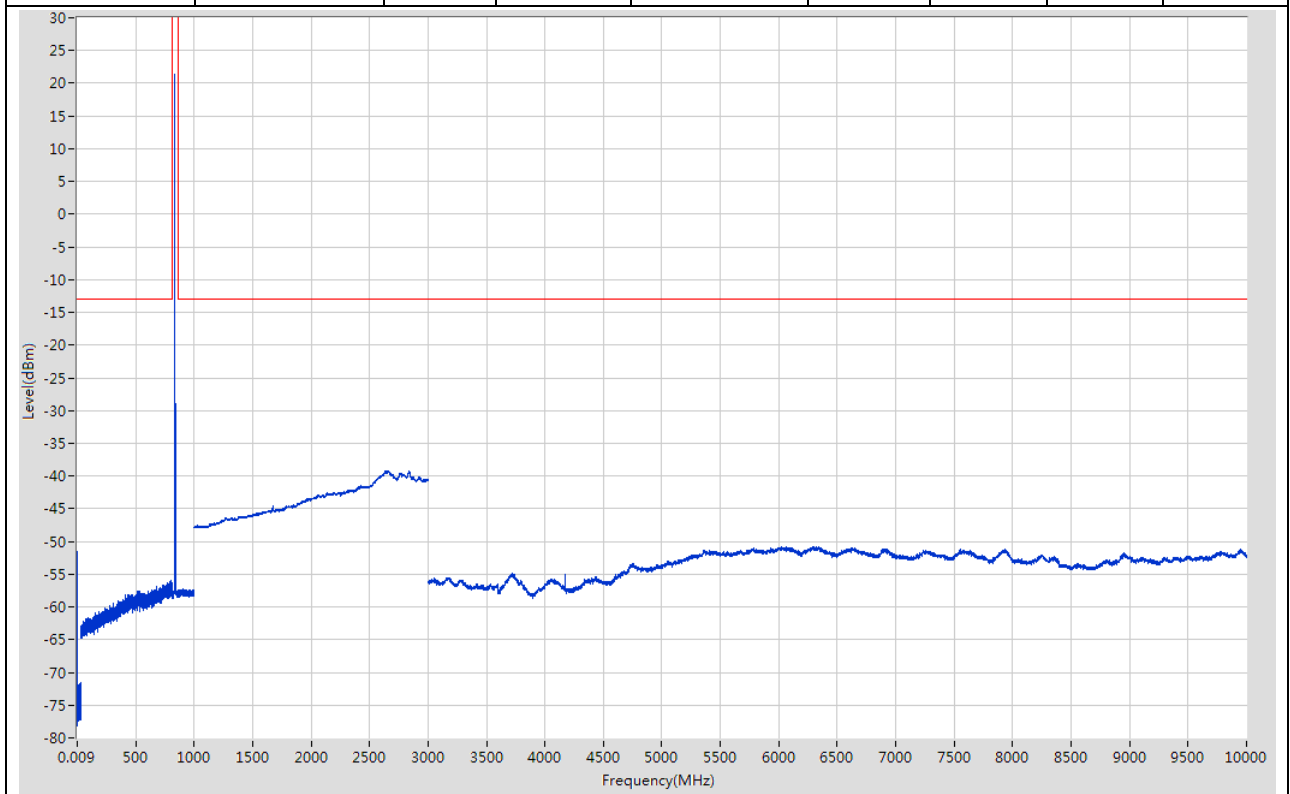| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.26	-13	Pass	2985
30	814	0.1	RMS	801.398	-56.2	-13	Pass	7840
814	860	0.1	RMS	824.273	20.13	60	Pass	601
860	1000	0.1	RMS	998.299	-57.24	-13	Pass	1400
1000	3000	1	RMS	2632.816	-39.23	-13	Pass	2000
3000	10000	1	RMS	6295.471	-50.7	-13	Pass	7000

1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

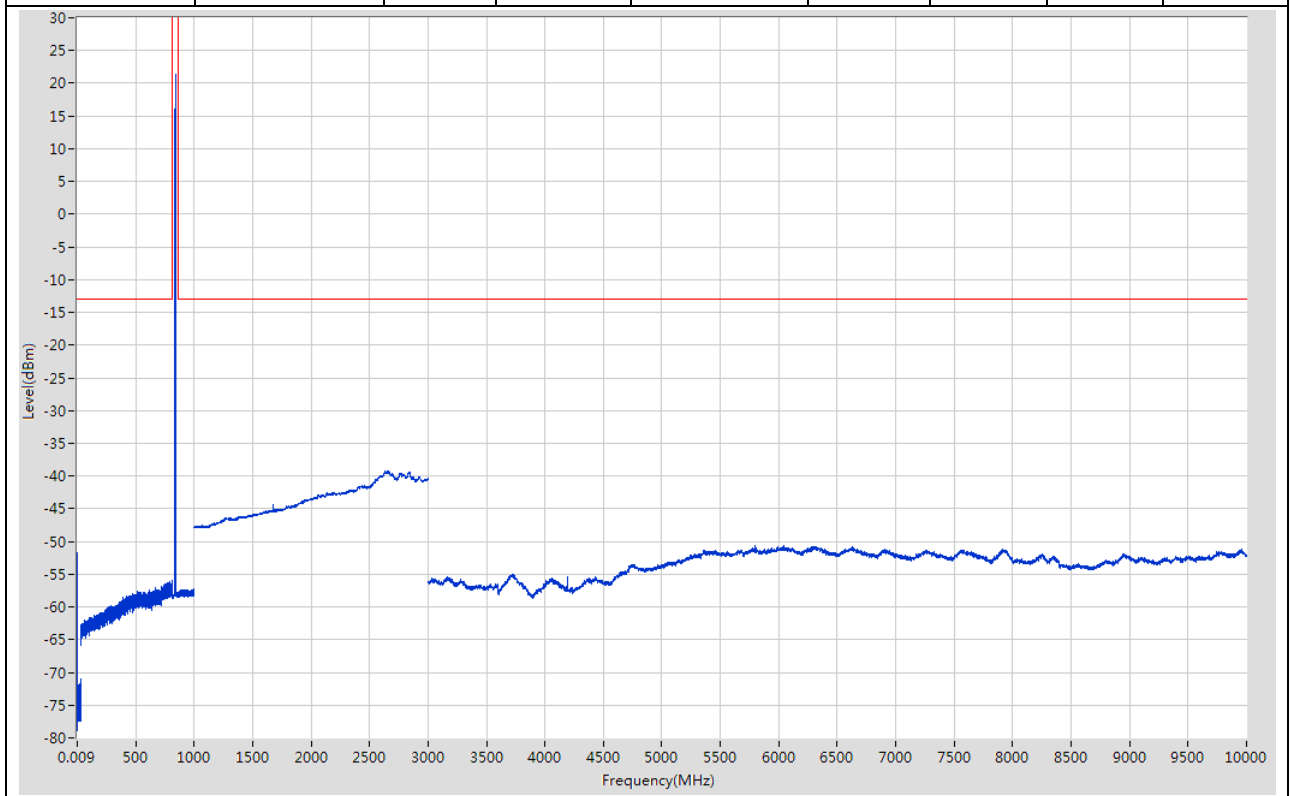| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.51	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.78	-13	Pass	2985
30	814	0.1	RMS	804.799	-55.93	-13	Pass	7840
814	860	0.1	RMS	826.727	20.03	60	Pass	601
860	1000	0.1	RMS	990.093	-57.15	-13	Pass	1400
1000	3000	1	RMS	2839.92	-39.21	-13	Pass	2000
3000	10000	1	RMS	6058.437	-50.79	-13	Pass	7000

1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

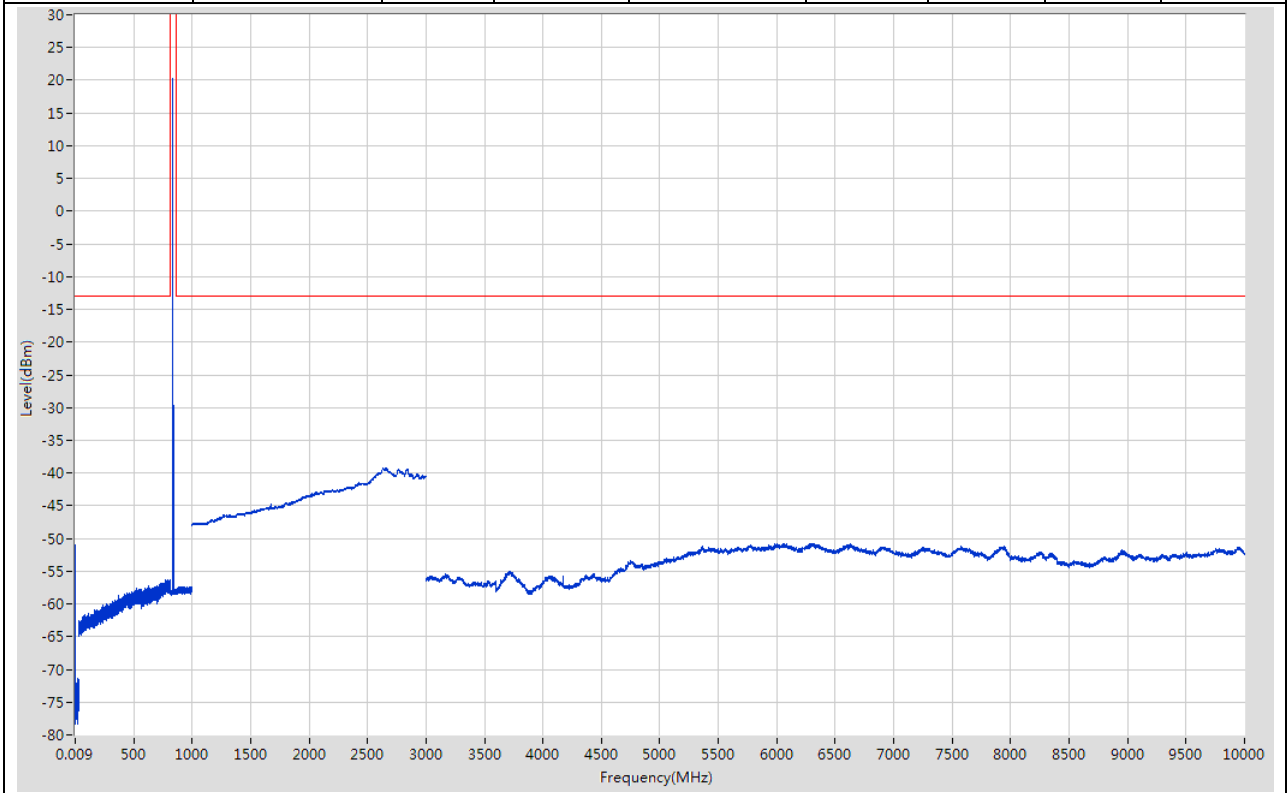| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.38	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.56	-13	Pass	2985
30	814	0.1	RMS	802.499	-56	-13	Pass	7840
814	860	0.1	RMS	835.237	21.33	60	Pass	601
860	1000	0.1	RMS	908.735	-57.2	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.23	-13	Pass	2000
3000	10000	1	RMS	6338.477	-50.75	-13	Pass	7000

1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

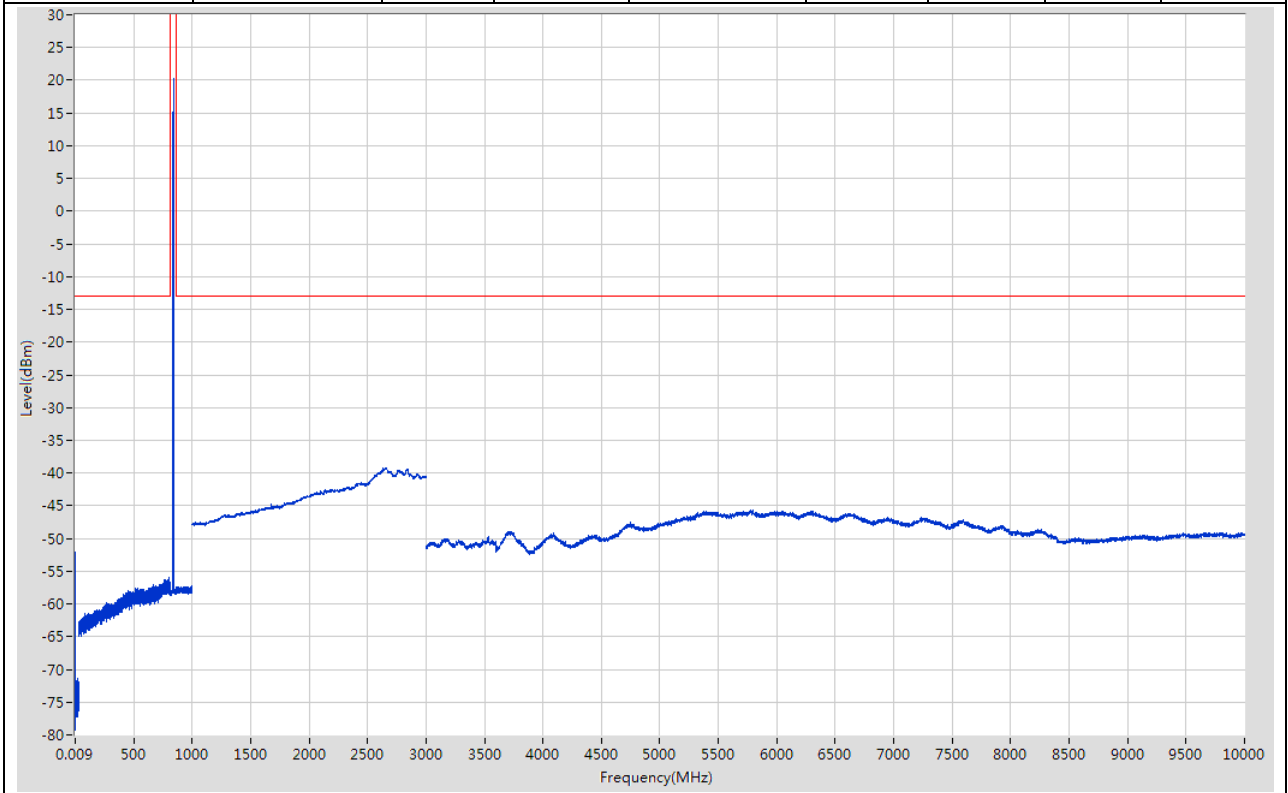| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.01	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.73	-13	Pass	2985
30	814	0.1	RMS	810.4	-55.99	-13	Pass	7840
814	860	0.1	RMS	837.767	21.37	60	Pass	601
860	1000	0.1	RMS	995.497	-57.25	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.19	-13	Pass	2000
3000	10000	1	RMS	5801.4	-50.58	-13	Pass	7000

1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

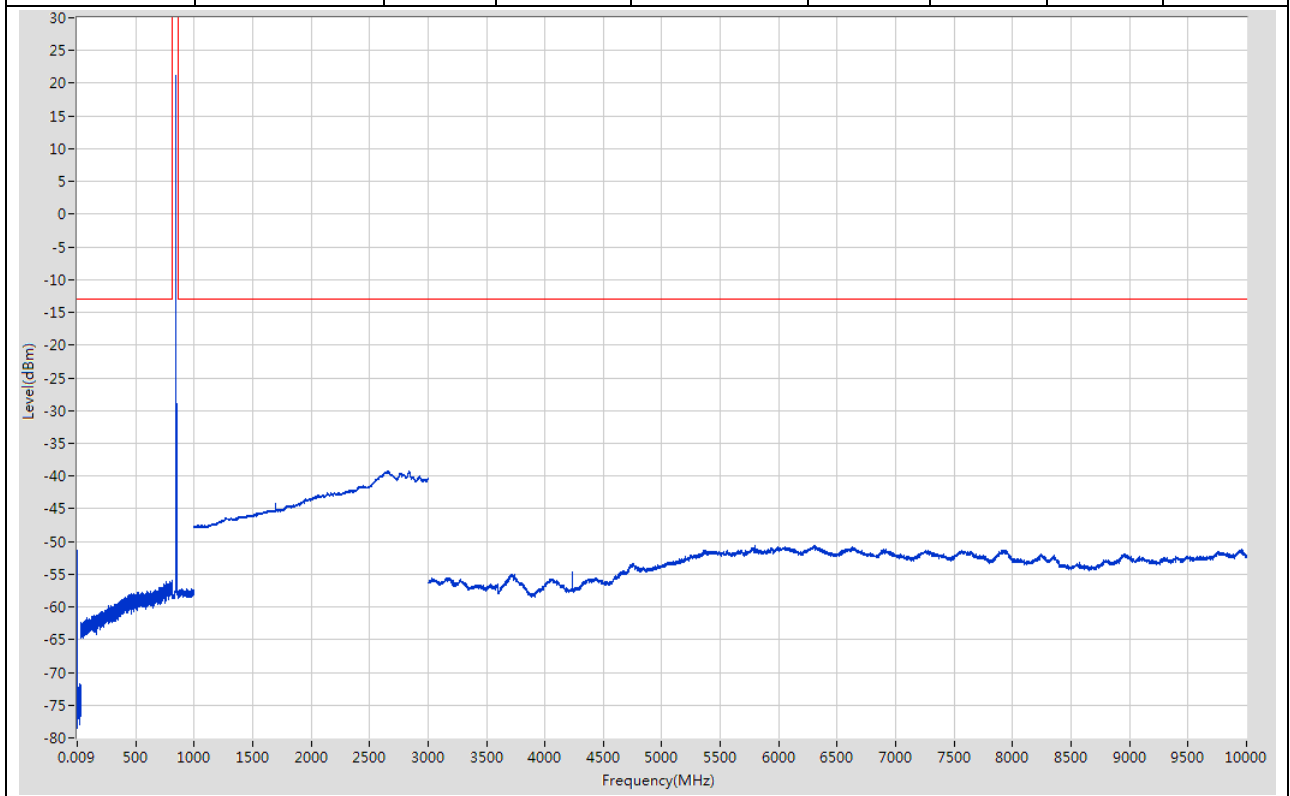| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.05	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.91	-13	Pass	2985
30	814	0.1	RMS	810.5	-56.22	-13	Pass	7840
814	860	0.1	RMS	835.237	20.28	60	Pass	601
860	1000	0.1	RMS	938.556	-57.35	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.18	-13	Pass	2000
3000	10000	1	RMS	6288.47	-50.73	-13	Pass	7000

1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

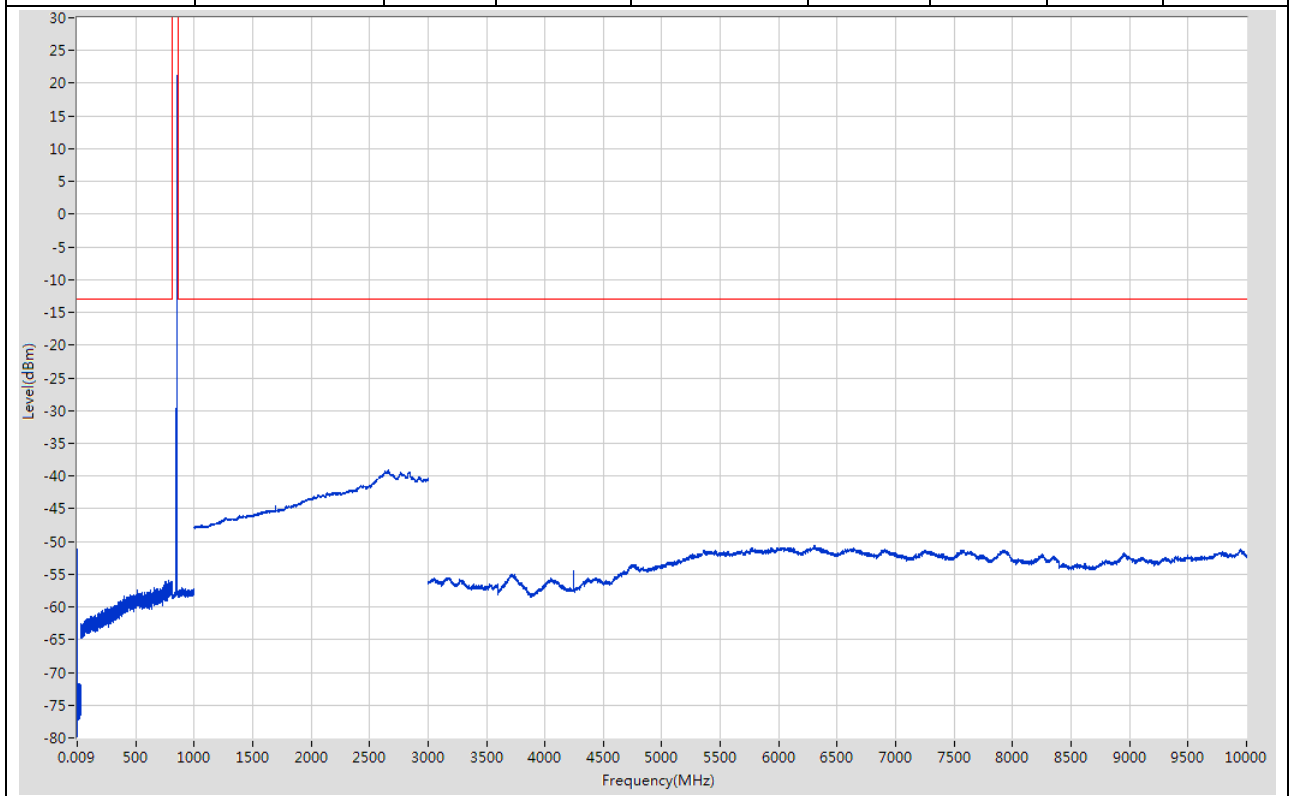| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.51	-13	Pass	601
0.15	30	0.01	RMS	0.17	-52.08	-13	Pass	2985
30	814	0.1	RMS	800.398	-55.87	-13	Pass	7840
814	860	0.1	RMS	837.767	20.19	60	Pass	601
860	1000	0.1	RMS	997.999	-57.21	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.14	-13	Pass	2000
3000	10000	1	RMS	5797.4	-45.73	-13	Pass	7000

1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

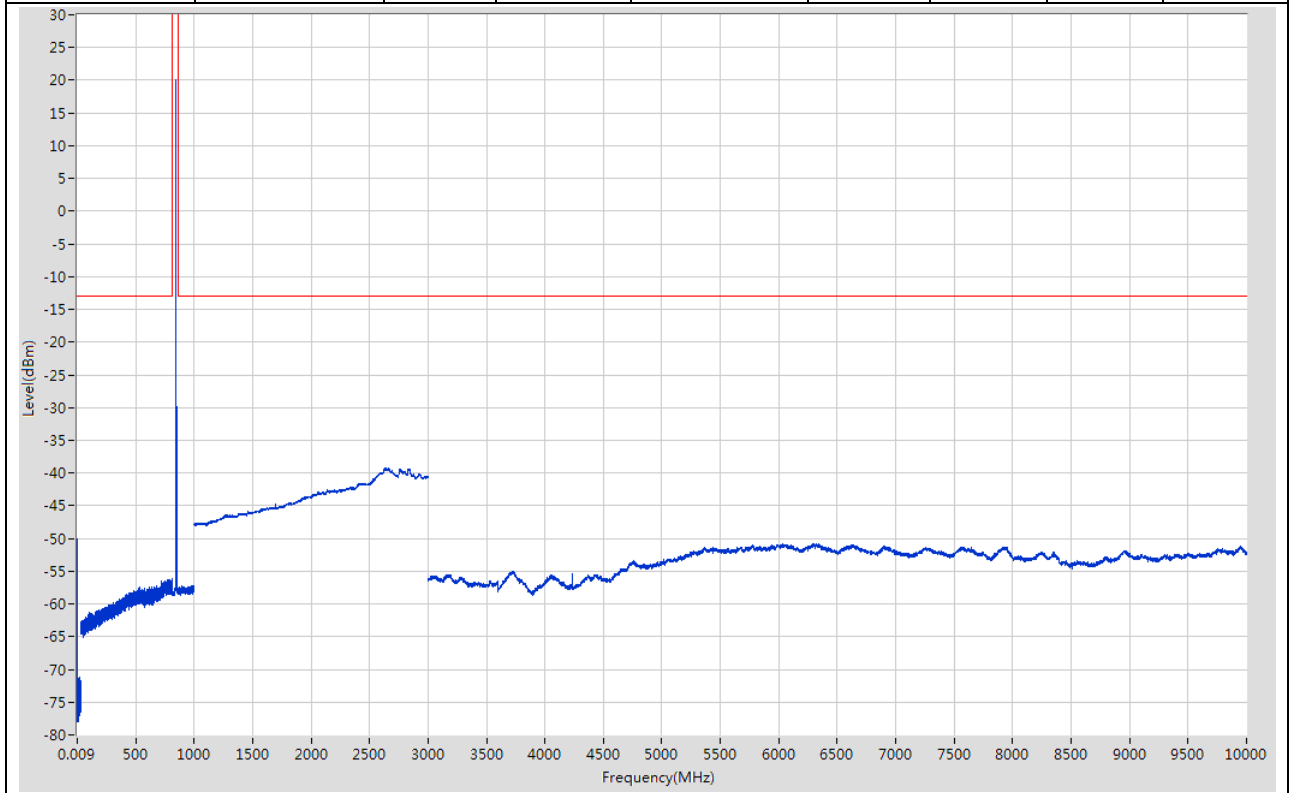| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.35	-13	Pass	2985
30	814	0.1	RMS	810.2	-55.99	-13	Pass	7840
814	860	0.1	RMS	846.277	21.11	60	Pass	601
860	1000	0.1	RMS	895.325	-57.22	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.2	-13	Pass	2000
3000	10000	1	RMS	5801.4	-50.55	-13	Pass	7000

1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

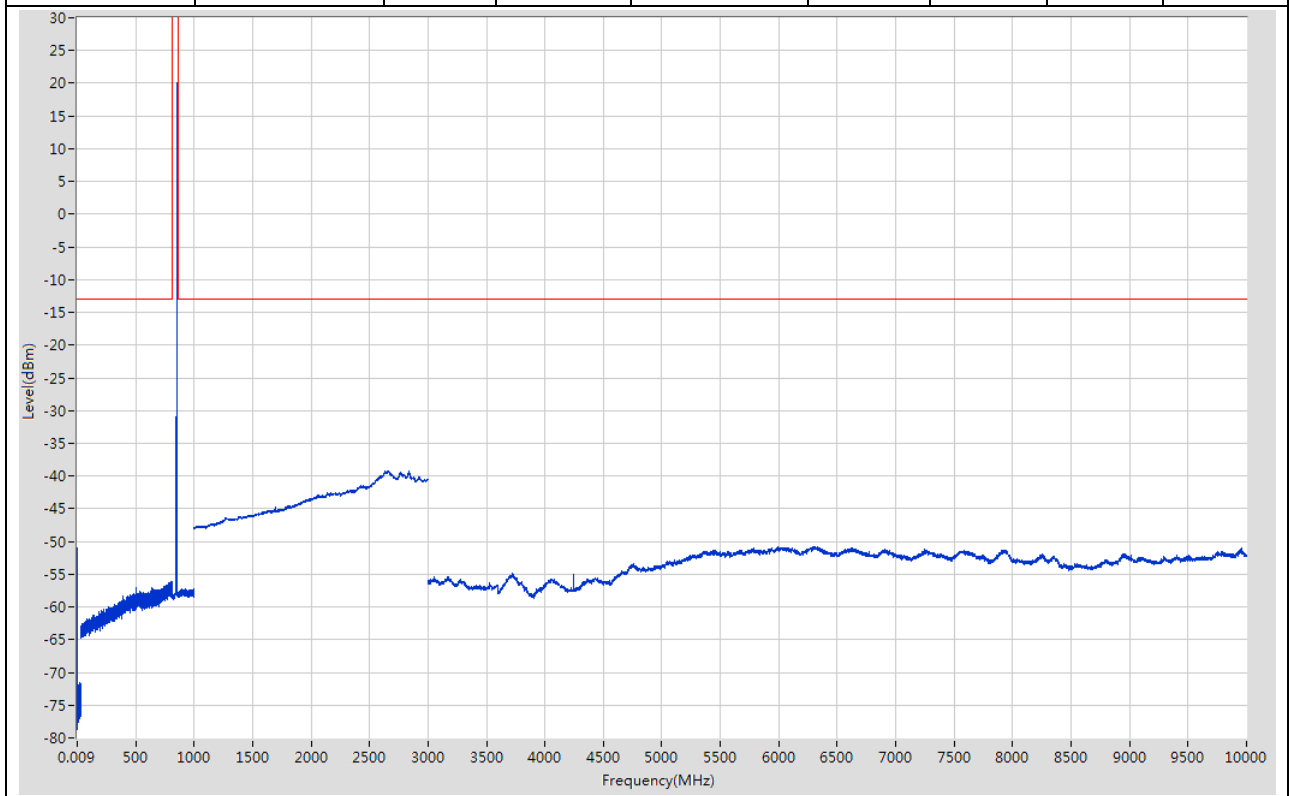| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-52.93	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.09	-13	Pass	2985
30	814	0.1	RMS	781.696	-55.91	-13	Pass	7840
814	860	0.1	RMS	848.73	21.21	60	Pass	601
860	1000	0.1	RMS	895.525	-57.04	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.14	-13	Pass	2000
3000	10000	1	RMS	6308.473	-50.62	-13	Pass	7000

1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

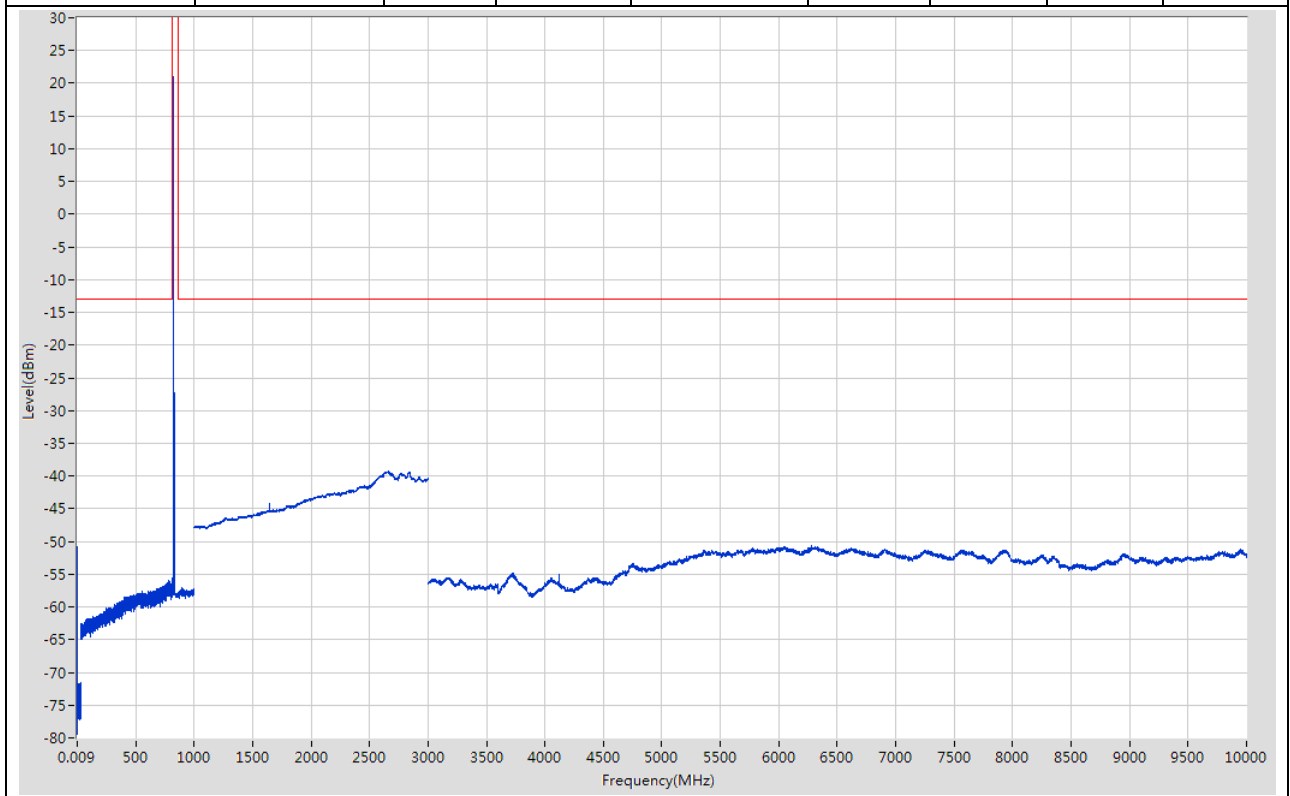| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-52.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.06	-13	Pass	2985
30	814	0.1	RMS	810.1	-56.18	-13	Pass	7840
814	860	0.1	RMS	846.277	20.11	60	Pass	601
860	1000	0.1	RMS	983.088	-57.18	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.23	-13	Pass	2000
3000	10000	1	RMS	6320.474	-50.79	-13	Pass	7000

1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

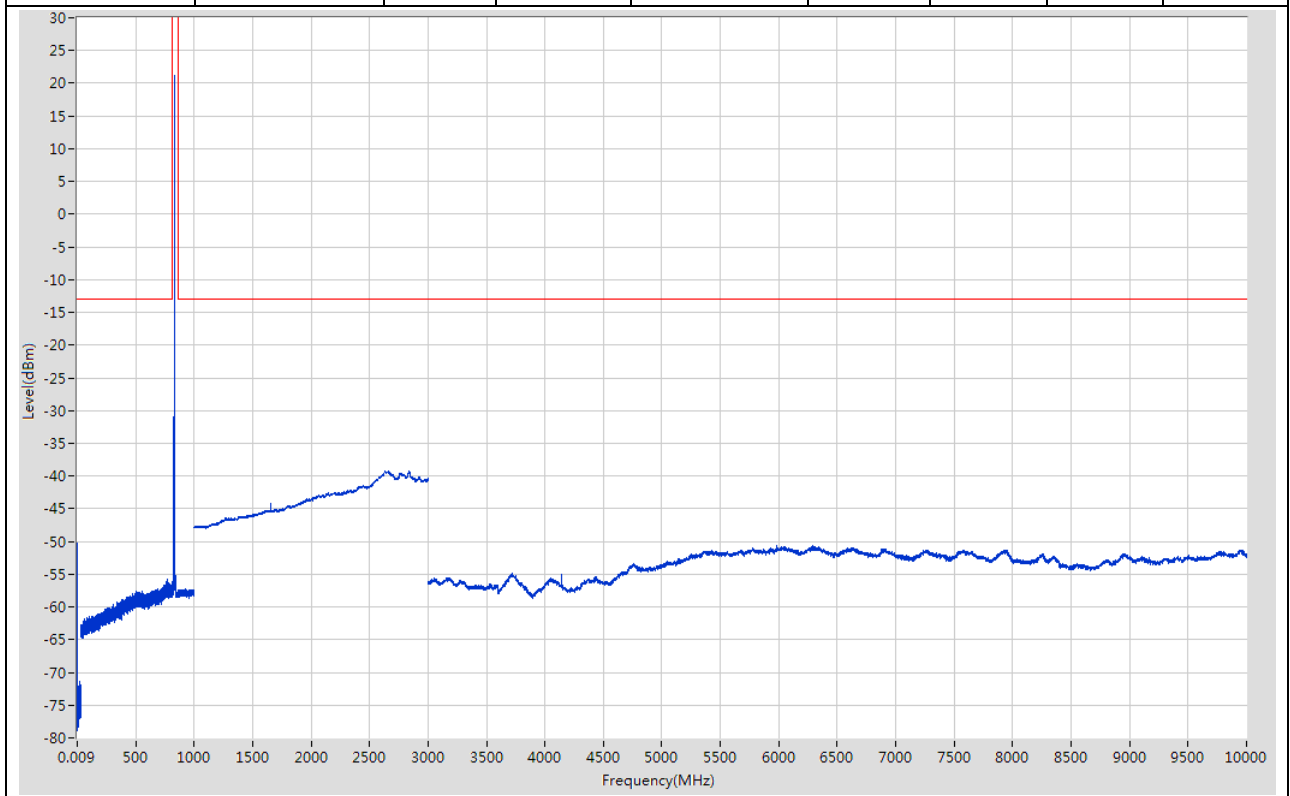| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.21	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.03	-13	Pass	2985
30	814	0.1	RMS	801.598	-56.05	-13	Pass	7840
814	860	0.1	RMS	848.73	20.17	60	Pass	601
860	1000	0.1	RMS	897.827	-57.25	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.22	-13	Pass	2000
3000	10000	1	RMS	6294.471	-50.77	-13	Pass	7000

1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

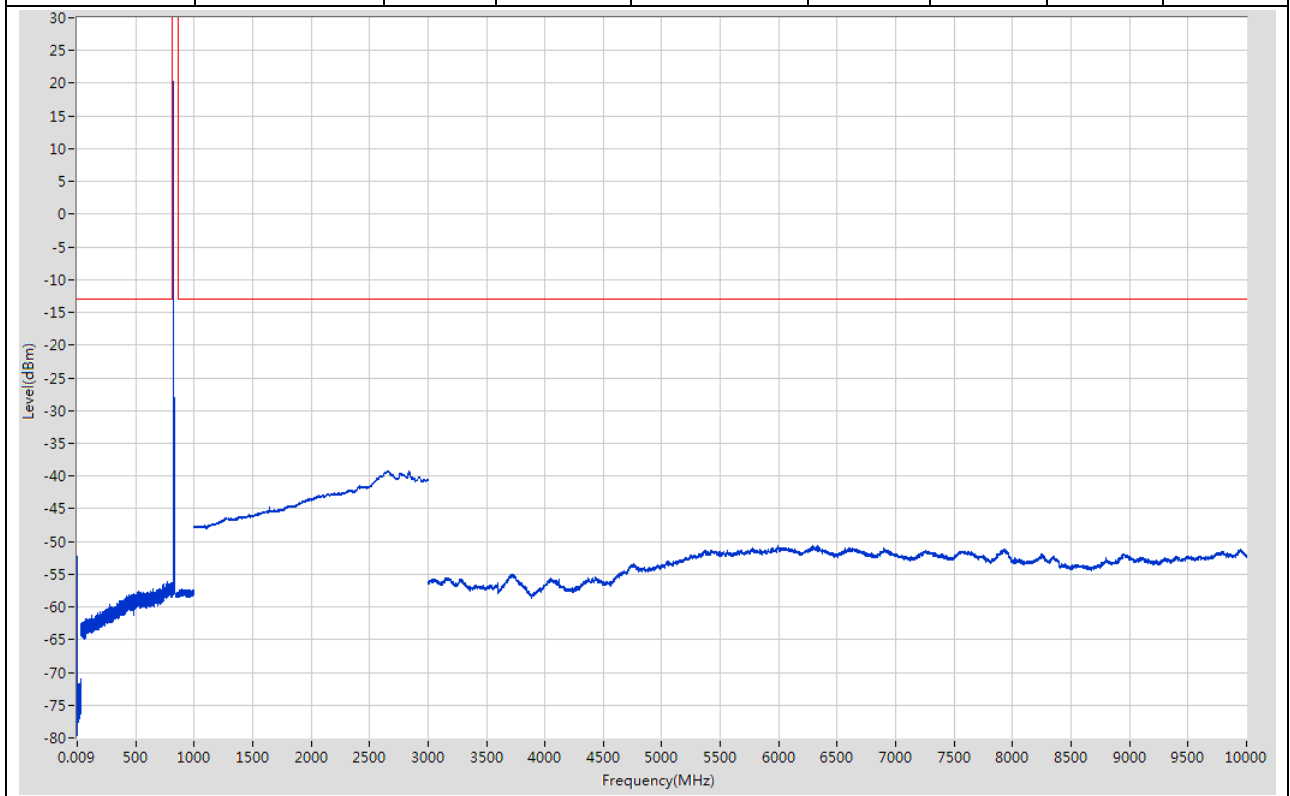| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.12	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.79	-13	Pass	2985
30	814	0.1	RMS	808.599	-55.54	-13	Pass	7840
814	860	0.1	RMS	824.35	21.08	60	Pass	601
860	1000	0.1	RMS	898.728	-56.99	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.25	-13	Pass	2000
3000	10000	1	RMS	6278.468	-50.66	-13	Pass	7000

1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

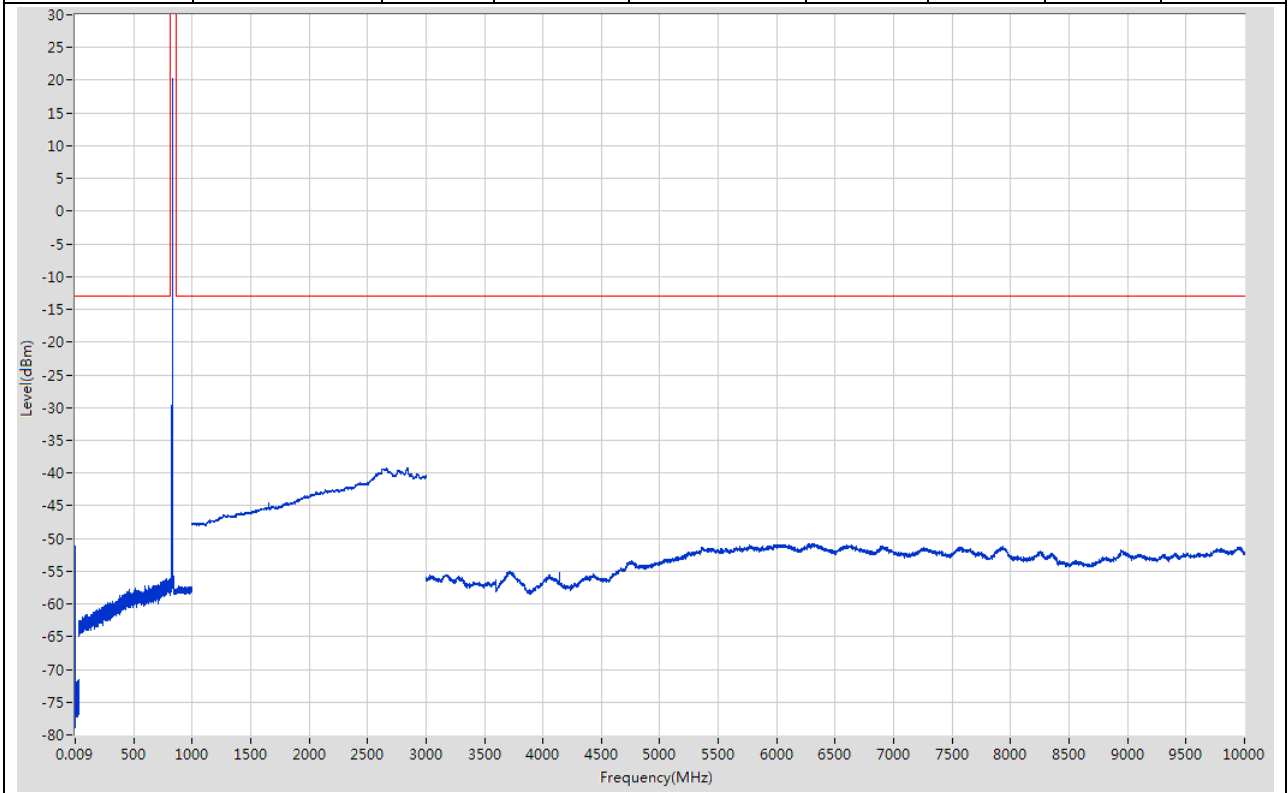| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.45	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.17	-13	Pass	2985
30	814	0.1	RMS	772.995	-55.72	-13	Pass	7840
814	860	0.1	RMS	828.643	21.12	60	Pass	601
860	1000	0.1	RMS	929.95	-57.23	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.17	-13	Pass	2000
3000	10000	1	RMS	6294.471	-50.7	-13	Pass	7000

1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

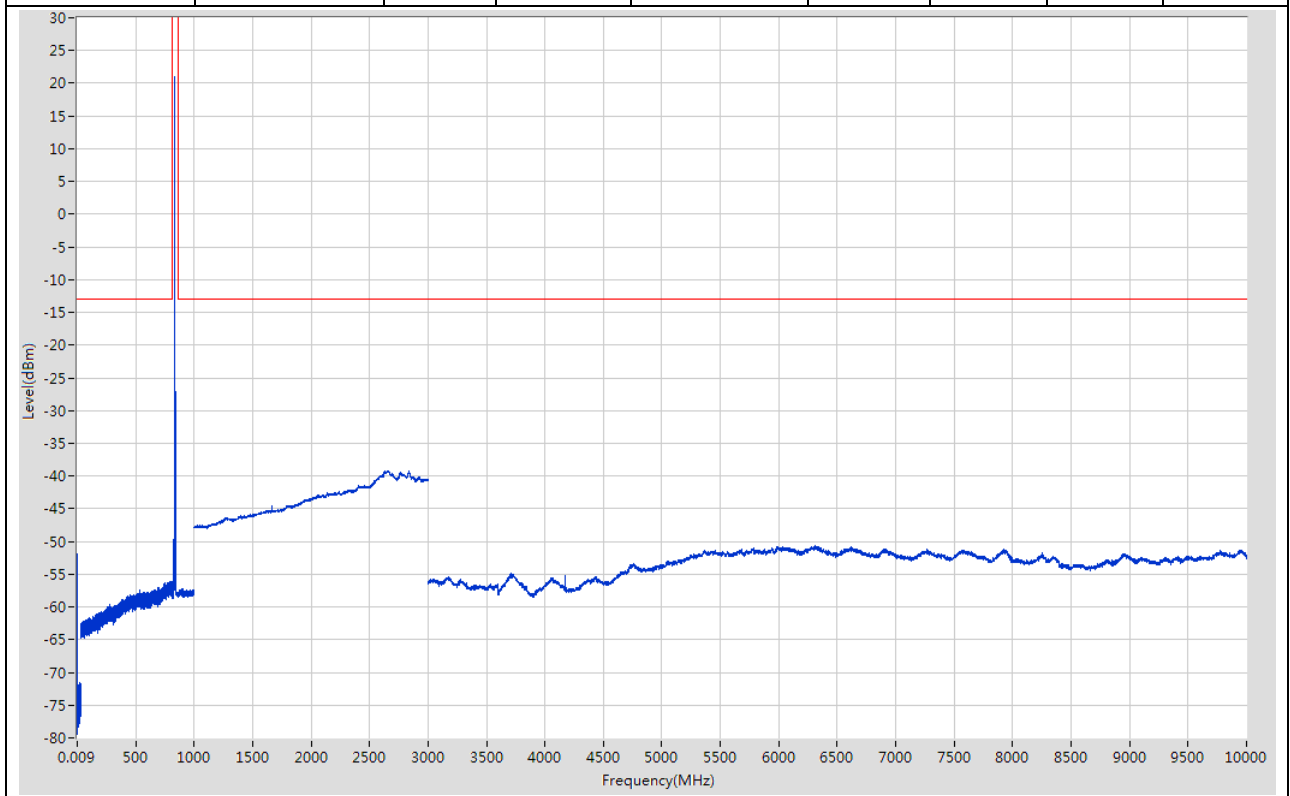| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.24	-13	Pass	2985
30	814	0.1	RMS	767.494	-56.08	-13	Pass	7840
814	860	0.1	RMS	824.35	20.2	60	Pass	601
860	1000	0.1	RMS	896.926	-57.28	-13	Pass	1400
1000	3000	1	RMS	2654.827	-39.22	-13	Pass	2000
3000	10000	1	RMS	6293.47	-50.7	-13	Pass	7000

1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

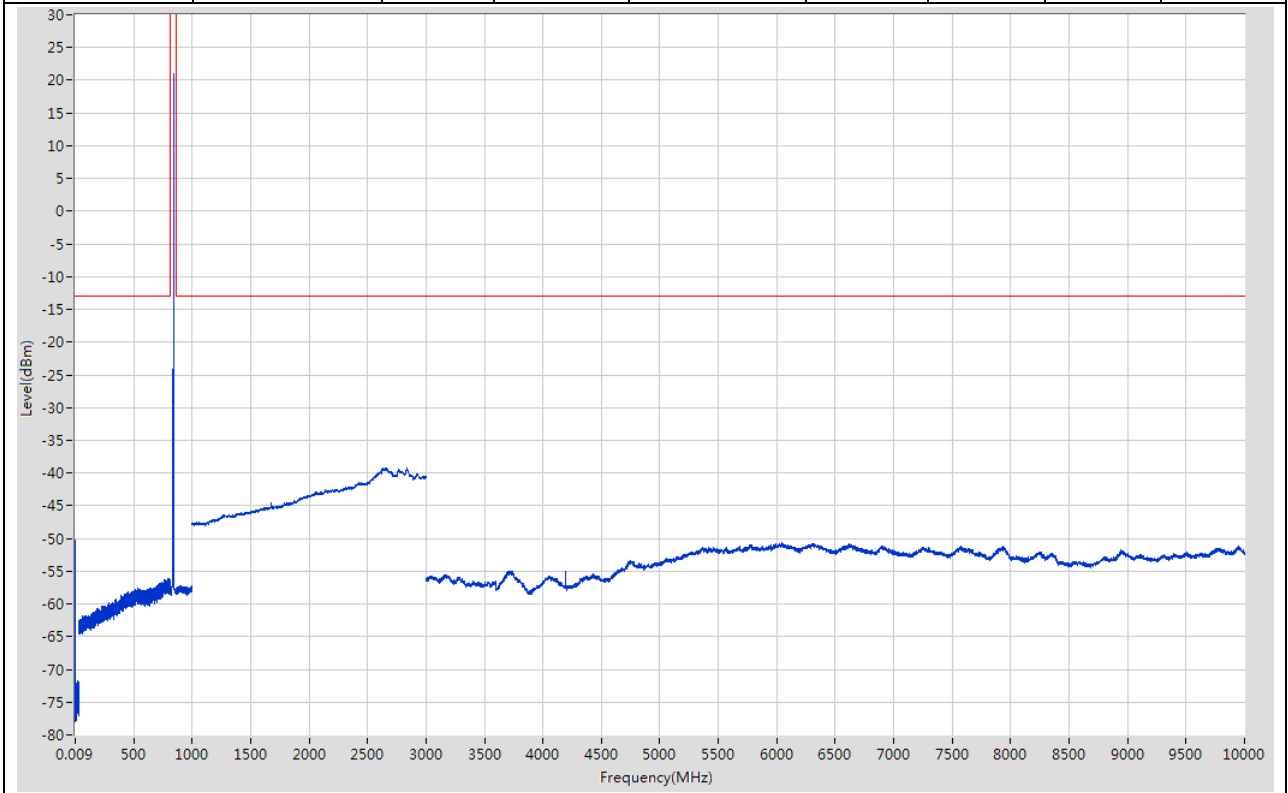| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.17	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.23	-13	Pass	2985
30	814	0.1	RMS	808.799	-56.12	-13	Pass	7840
814	860	0.1	RMS	828.643	20.19	60	Pass	601
860	1000	0.1	RMS	882.416	-57.3	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.15	-13	Pass	2000
3000	10000	1	RMS	6307.472	-50.71	-13	Pass	7000

1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

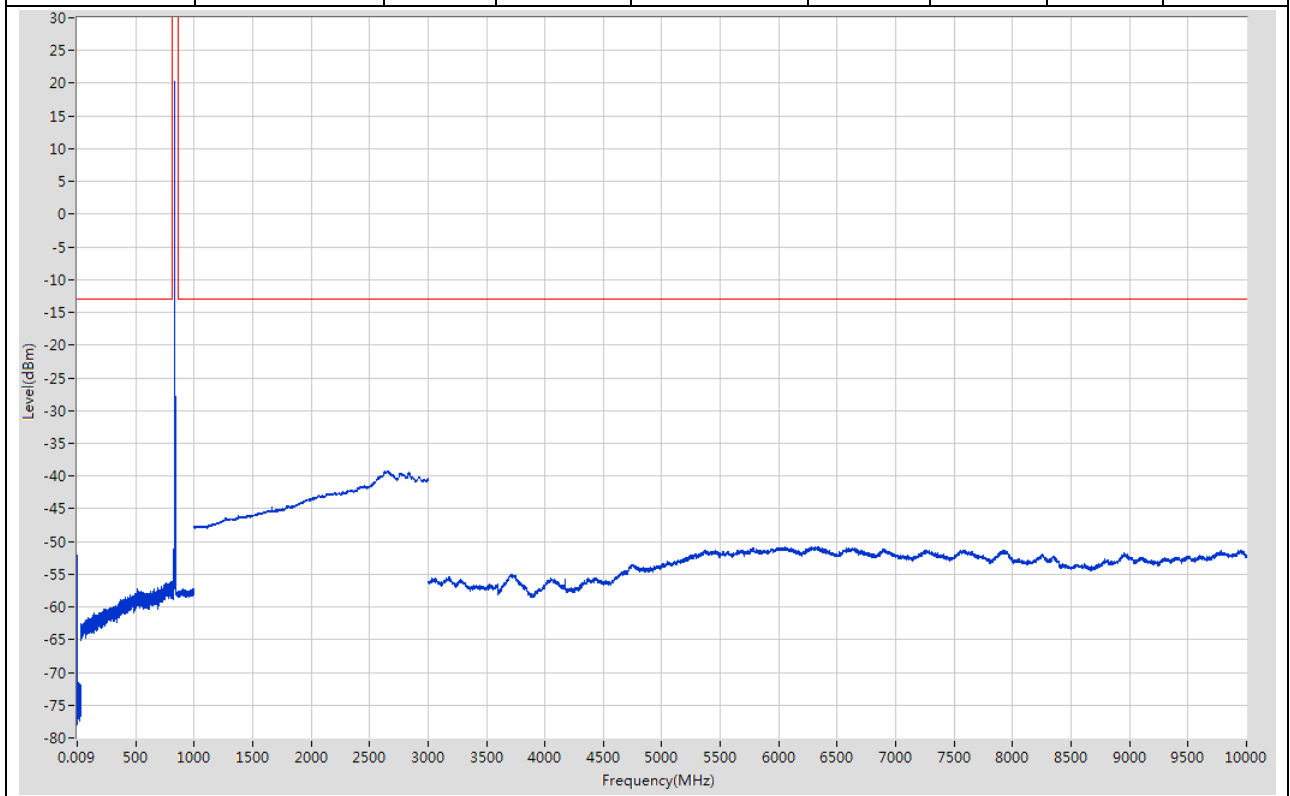| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.67	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.84	-13	Pass	2985
30	814	0.1	RMS	811.2	-56.07	-13	Pass	7840
814	860	0.1	RMS	834.317	21.04	60	Pass	601
860	1000	0.1	RMS	906.934	-57.2	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.2	-13	Pass	2000
3000	10000	1	RMS	6309.473	-50.68	-13	Pass	7000

1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

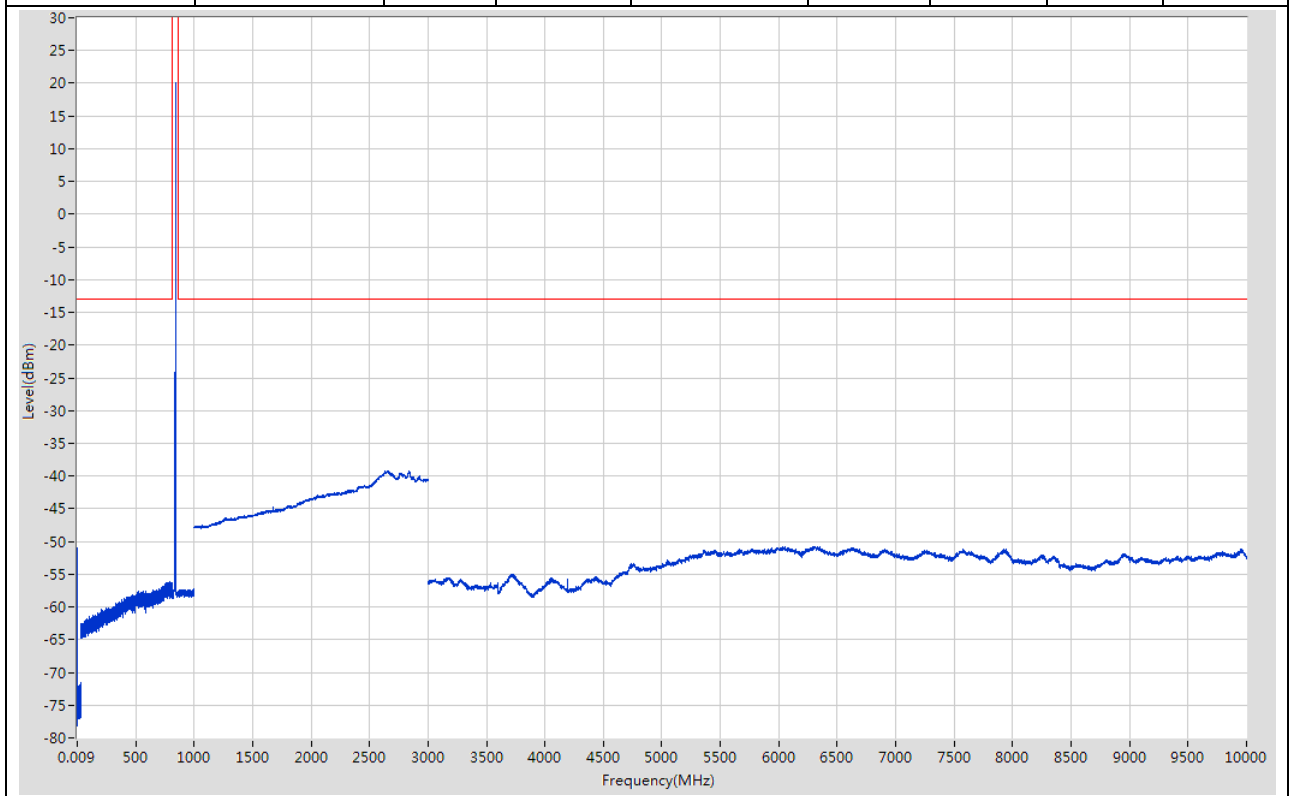| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.16	-13	Pass	2985
30	814	0.1	RMS	805.699	-56.04	-13	Pass	7840
814	860	0.1	RMS	838.687	20.99	60	Pass	601
860	1000	0.1	RMS	892.423	-57.24	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.21	-13	Pass	2000
3000	10000	1	RMS	6042.435	-50.7	-13	Pass	7000

1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

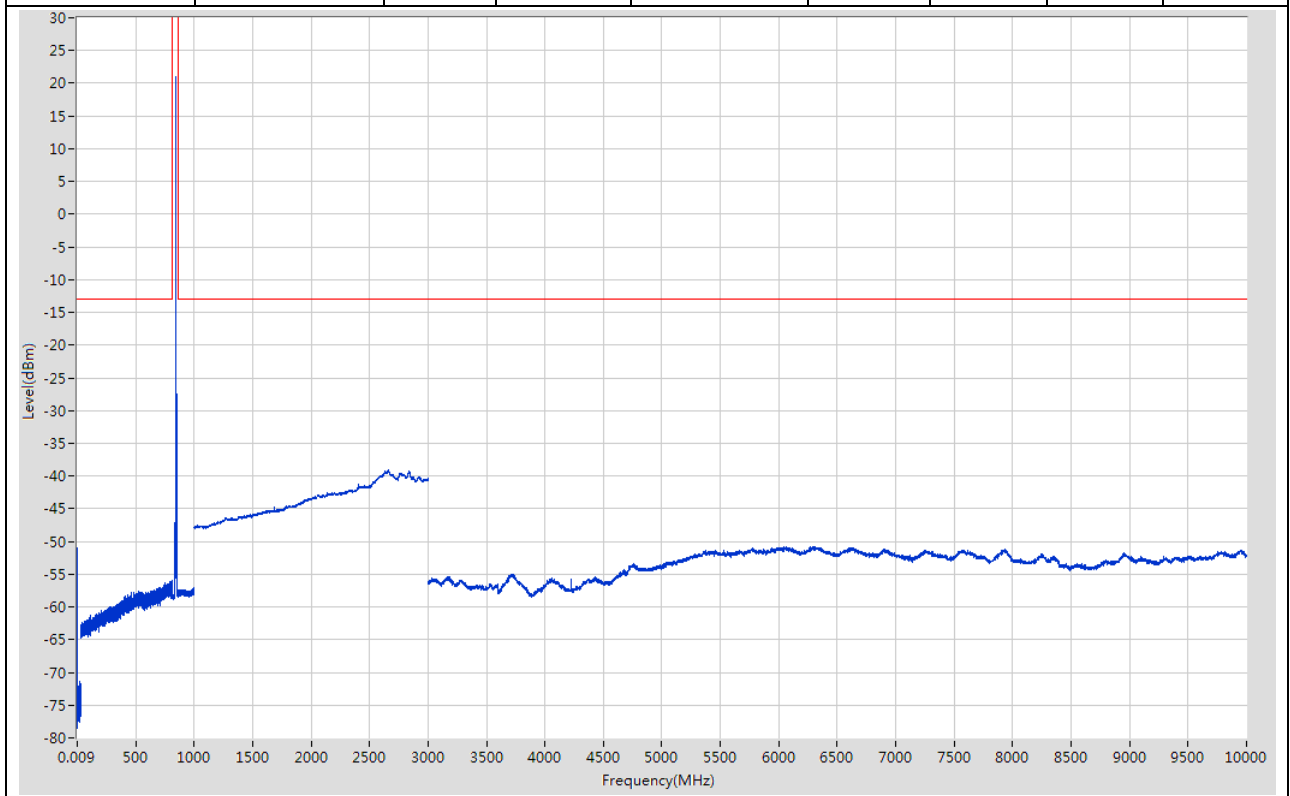| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.03	-13	Pass	601
0.15	30	0.01	RMS	0.18	-52	-13	Pass	2985
30	814	0.1	RMS	802.098	-56.05	-13	Pass	7840
814	860	0.1	RMS	834.317	20.2	60	Pass	601
860	1000	0.1	RMS	906.233	-57.14	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.26	-13	Pass	2000
3000	10000	1	RMS	6331.476	-50.75	-13	Pass	7000

1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

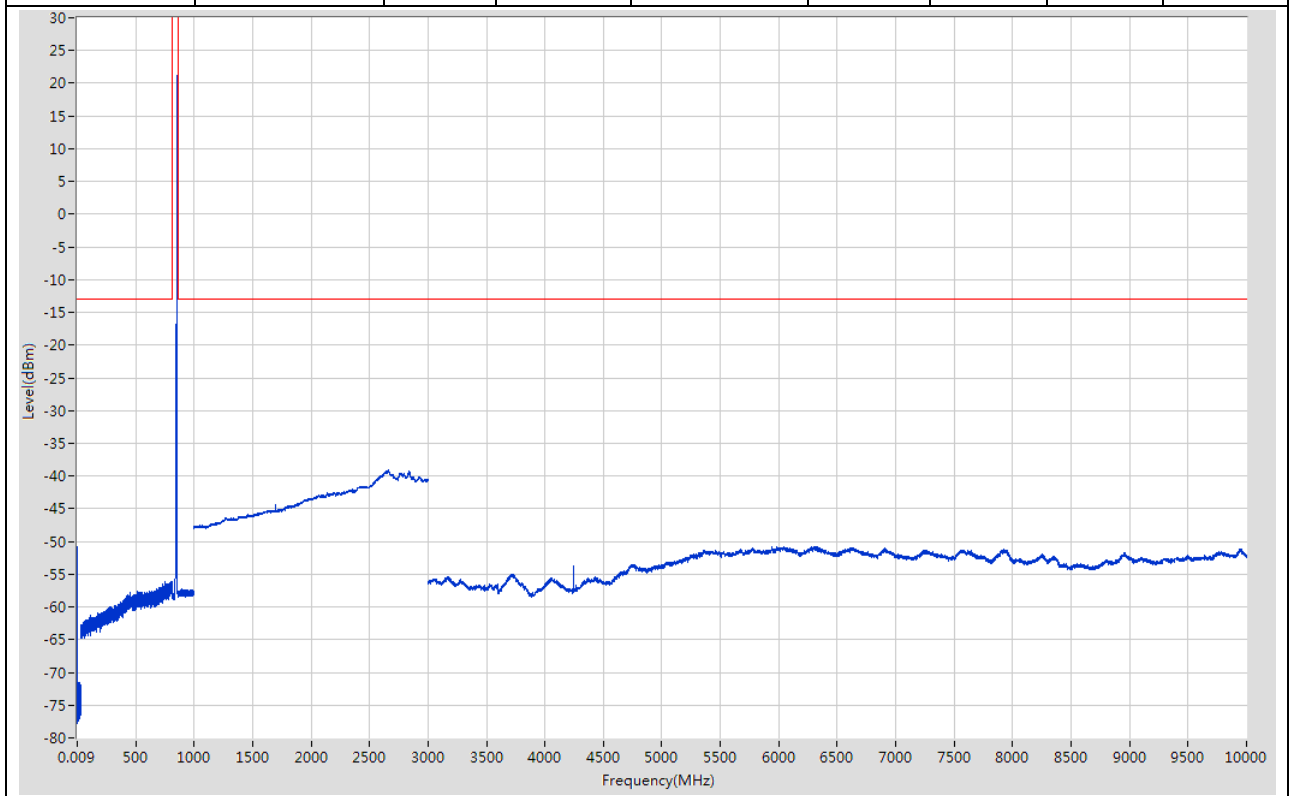| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.53	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.01	-13	Pass	2985
30	814	0.1	RMS	793.597	-56.21	-13	Pass	7840
814	860	0.1	RMS	838.687	20.16	60	Pass	601
860	1000	0.1	RMS	999.5	-57.31	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.19	-13	Pass	2000
3000	10000	1	RMS	6354.479	-50.78	-13	Pass	7000

1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

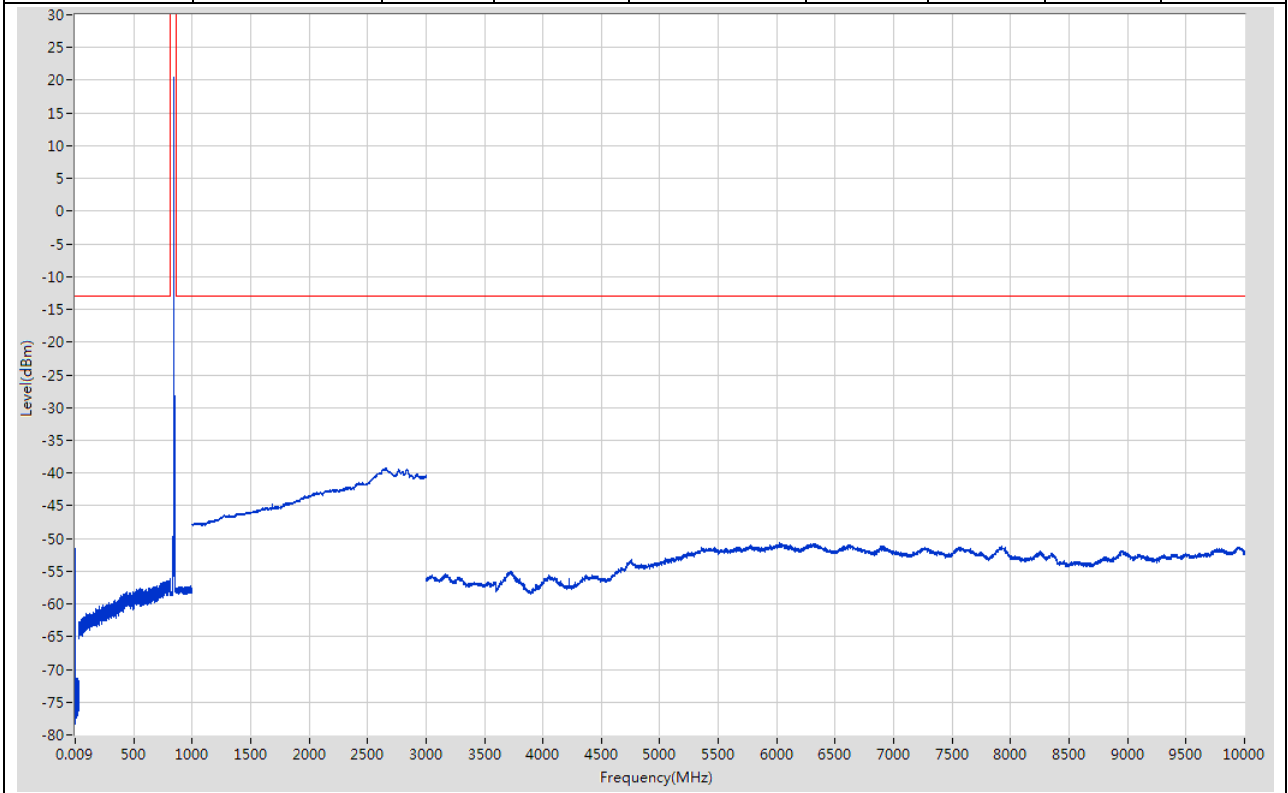| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.36	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.05	-13	Pass	2985
30	814	0.1	RMS	808.199	-55.88	-13	Pass	7840
814	860	0.1	RMS	844.36	20.93	60	Pass	601
860	1000	0.1	RMS	995.797	-57.02	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.02	-13	Pass	2000
3000	10000	1	RMS	6303.472	-50.77	-13	Pass	7000

1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

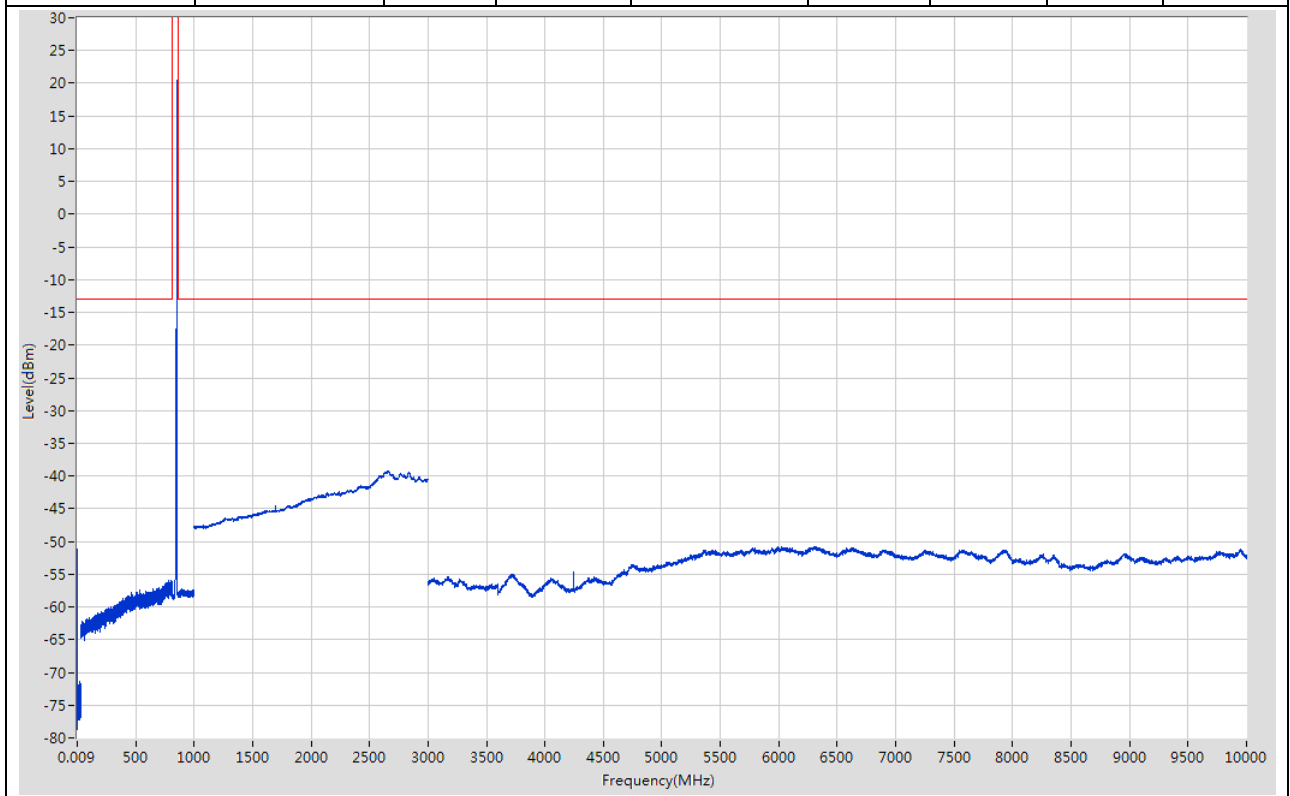| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.11	-13	Pass	601
0.15	30	0.01	RMS	0.16	-50.74	-13	Pass	2985
30	814	0.1	RMS	749.992	-56.12	-13	Pass	7840
814	860	0.1	RMS	848.653	21.11	60	Pass	601
860	1000	0.1	RMS	898.027	-57.27	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.13	-13	Pass	2000
3000	10000	1	RMS	6322.475	-50.8	-13	Pass	7000

1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

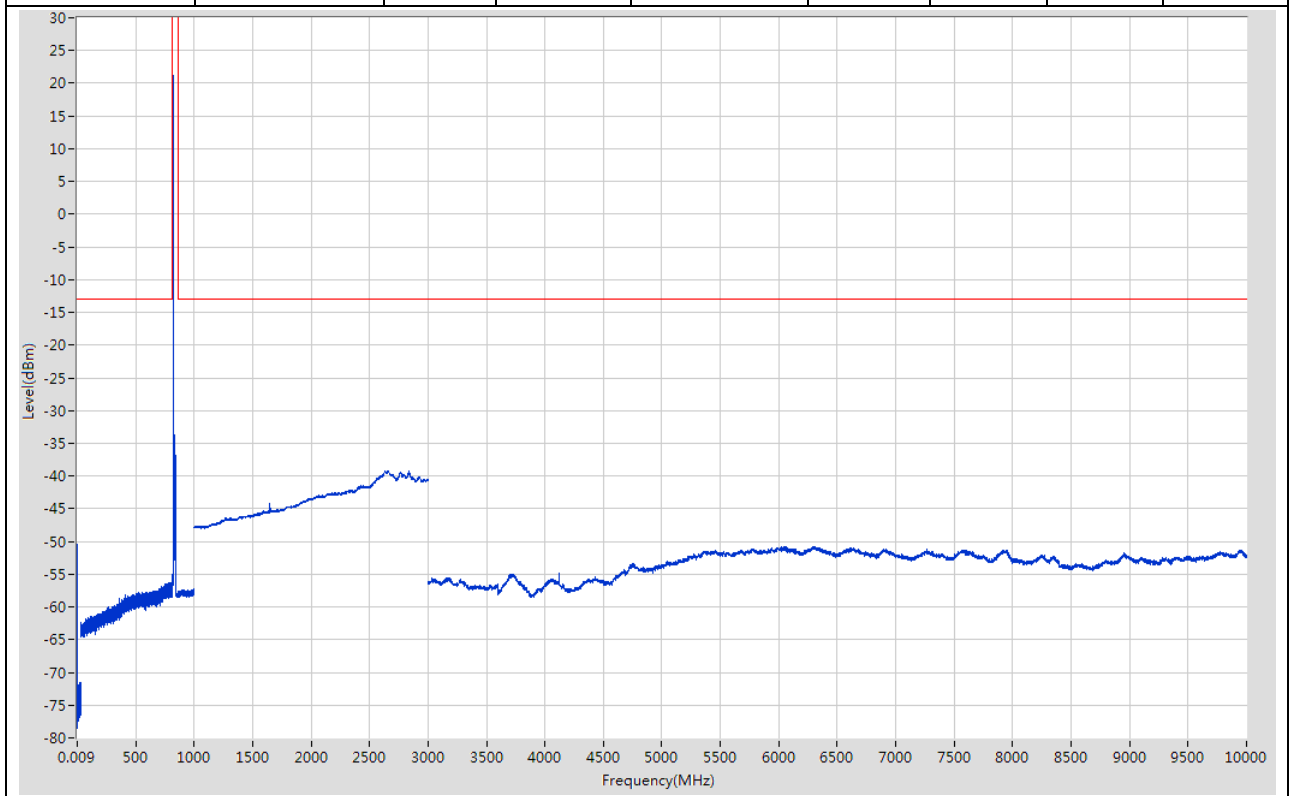| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.65	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.54	-13	Pass	2985
30	814	0.1	RMS	808.399	-56.08	-13	Pass	7840
814	860	0.1	RMS	844.36	20.42	60	Pass	601
860	1000	0.1	RMS	989.793	-57.17	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.23	-13	Pass	2000
3000	10000	1	RMS	6024.432	-50.68	-13	Pass	7000

1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

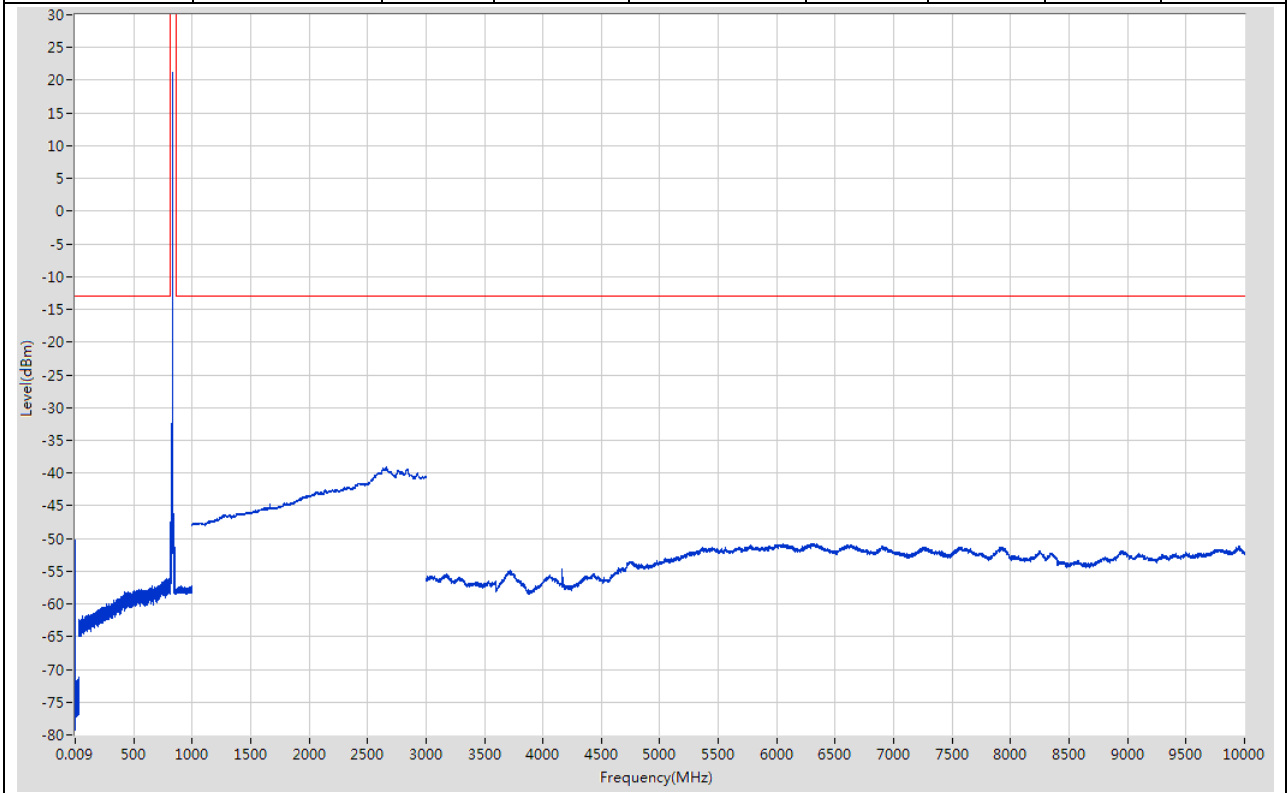| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.12	-13	Pass	2985
30	814	0.1	RMS	785.996	-55.89	-13	Pass	7840
814	860	0.1	RMS	848.653	20.53	60	Pass	601
860	1000	0.1	RMS	898.027	-57.14	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.2	-13	Pass	2000
3000	10000	1	RMS	6318.474	-50.79	-13	Pass	7000

1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

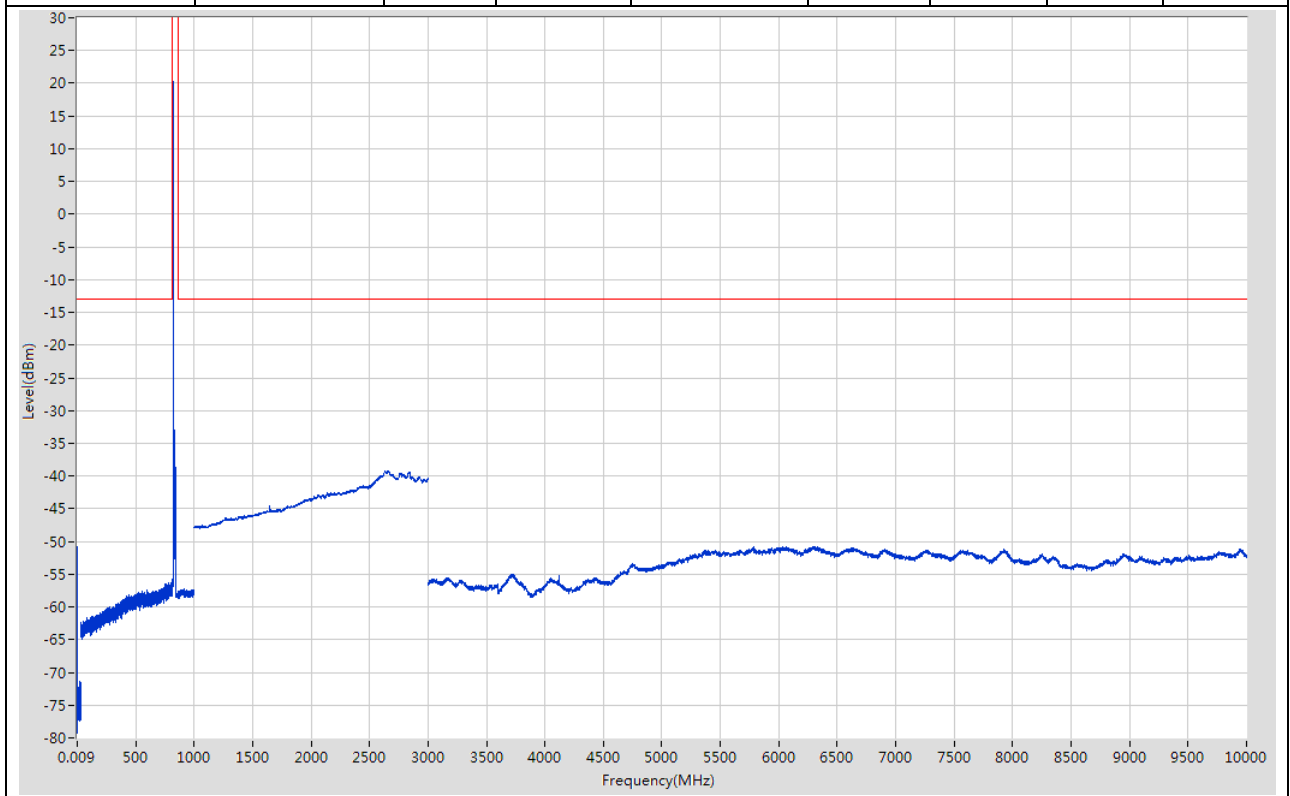| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.22	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.51	-13	Pass	2985
30	814	0.1	RMS	812.2	-56	-13	Pass	7840
814	860	0.1	RMS	824.58	21.15	60	Pass	601
860	1000	0.1	RMS	996.097	-57.26	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.27	-13	Pass	2000
3000	10000	1	RMS	6059.437	-50.75	-13	Pass	7000

1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

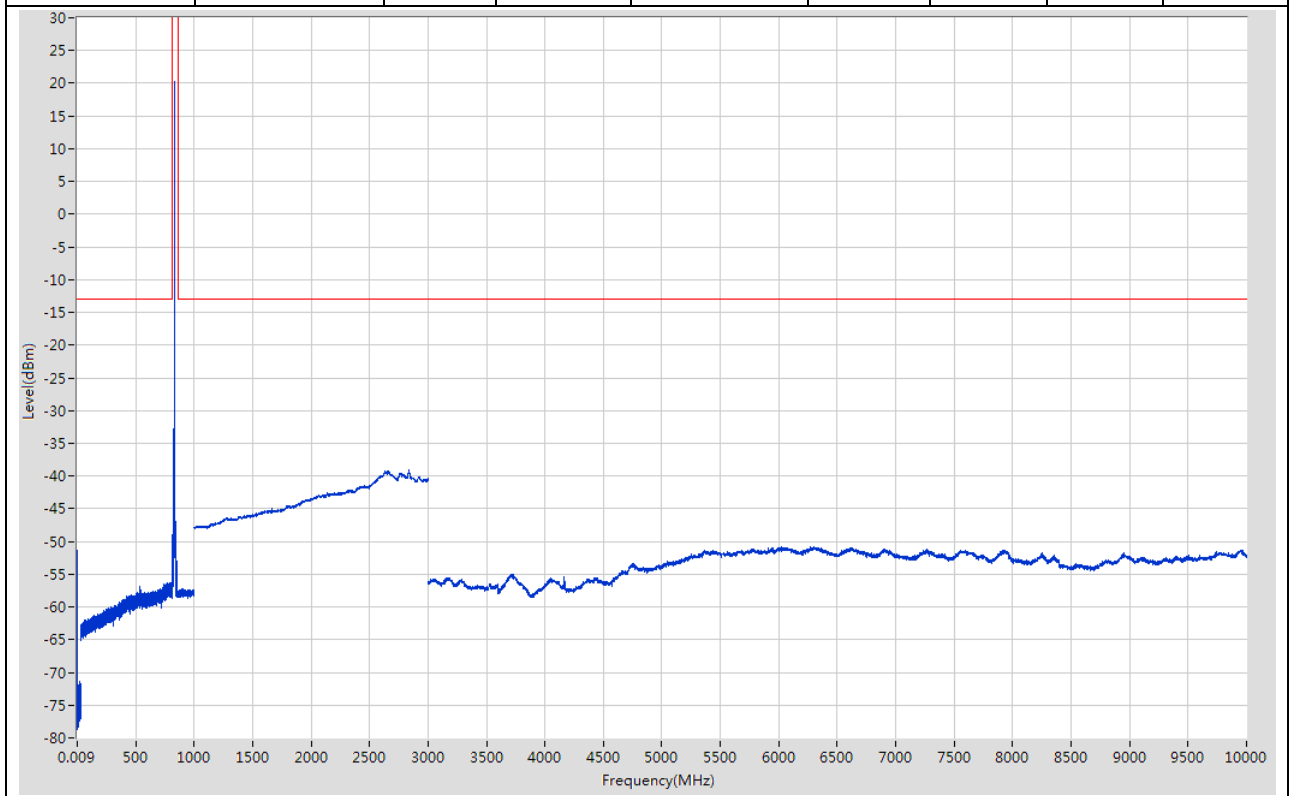| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.33	-13	Pass	2985
30	814	0.1	RMS	811.1	-56.05	-13	Pass	7840
814	860	0.1	RMS	833.397	21.19	60	Pass	601
860	1000	0.1	RMS	903.931	-57.25	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.12	-13	Pass	2000
3000	10000	1	RMS	6320.474	-50.78	-13	Pass	7000

1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

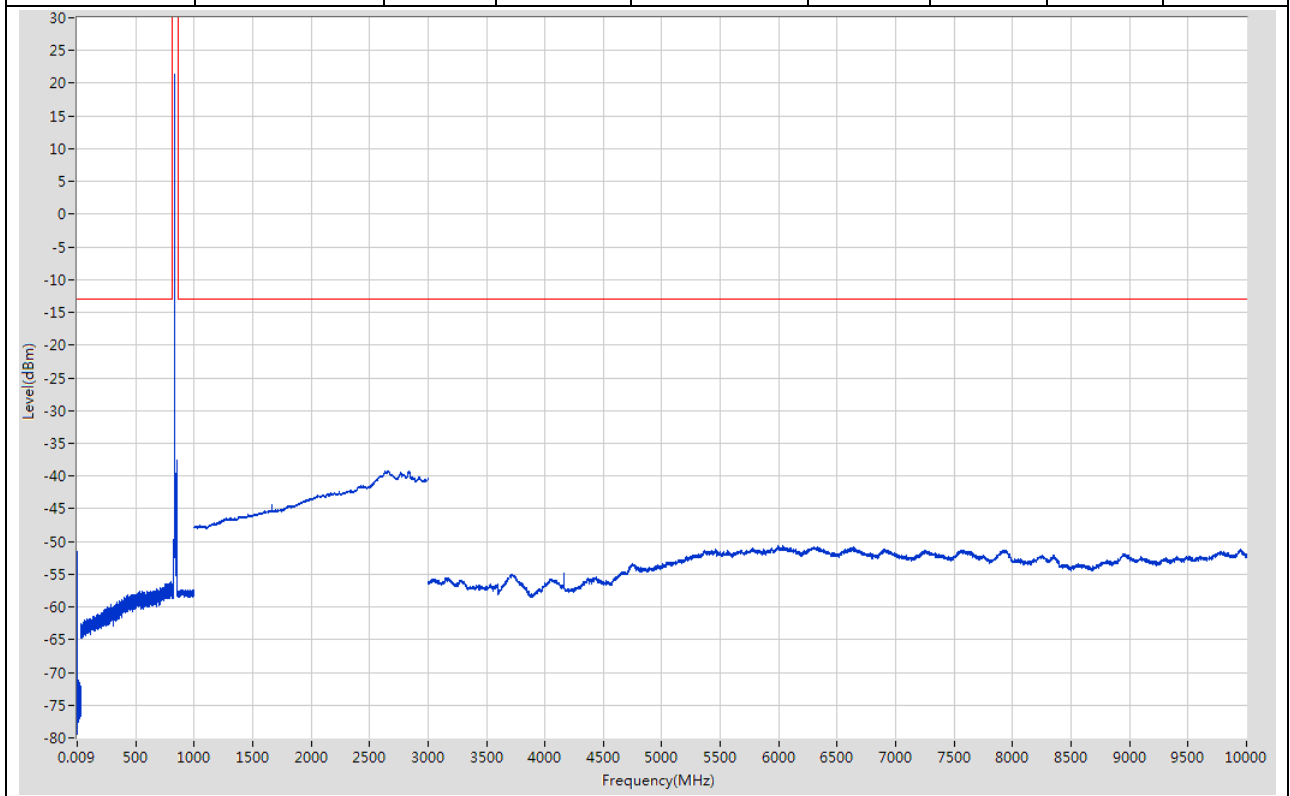| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.78	-13	Pass	2985
30	814	0.1	RMS	806.899	-55.95	-13	Pass	7840
814	860	0.1	RMS	824.58	20.27	60	Pass	601
860	1000	0.1	RMS	913.238	-57.3	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.22	-13	Pass	2000
3000	10000	1	RMS	6291.47	-50.79	-13	Pass	7000

1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

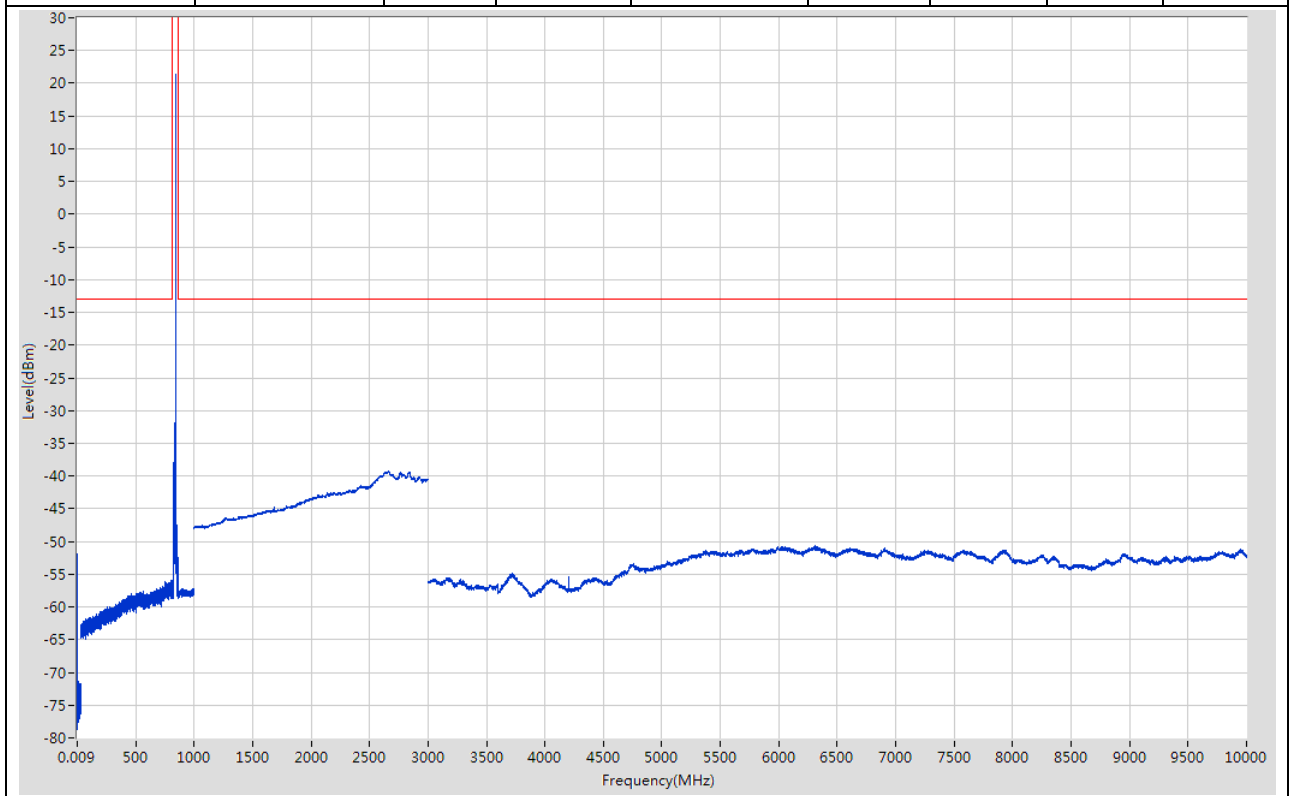| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.46	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.35	-13	Pass	2985
30	814	0.1	RMS	812.6	-56.21	-13	Pass	7840
814	860	0.1	RMS	833.397	20.27	60	Pass	601
860	1000	0.1	RMS	902.43	-57.26	-13	Pass	1400
1000	3000	1	RMS	2839.92	-39.12	-13	Pass	2000
3000	10000	1	RMS	6302.472	-50.71	-13	Pass	7000

1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

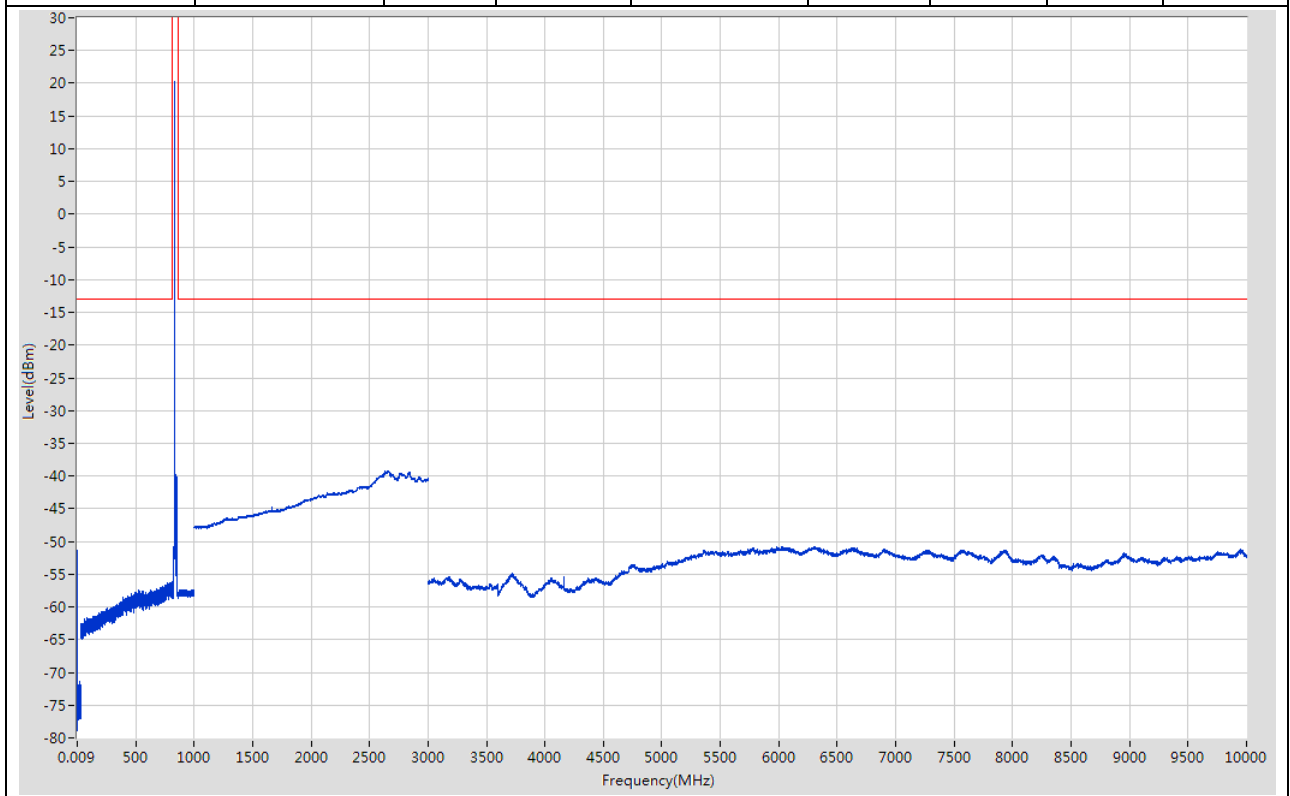| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.62	-13	Pass	2985
30	814	0.1	RMS	804.499	-56.17	-13	Pass	7840
814	860	0.1	RMS	832.093	21.28	60	Pass	601
860	1000	0.1	RMS	964.174	-57.34	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.23	-13	Pass	2000
3000	10000	1	RMS	5995.428	-50.67	-13	Pass	7000

1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

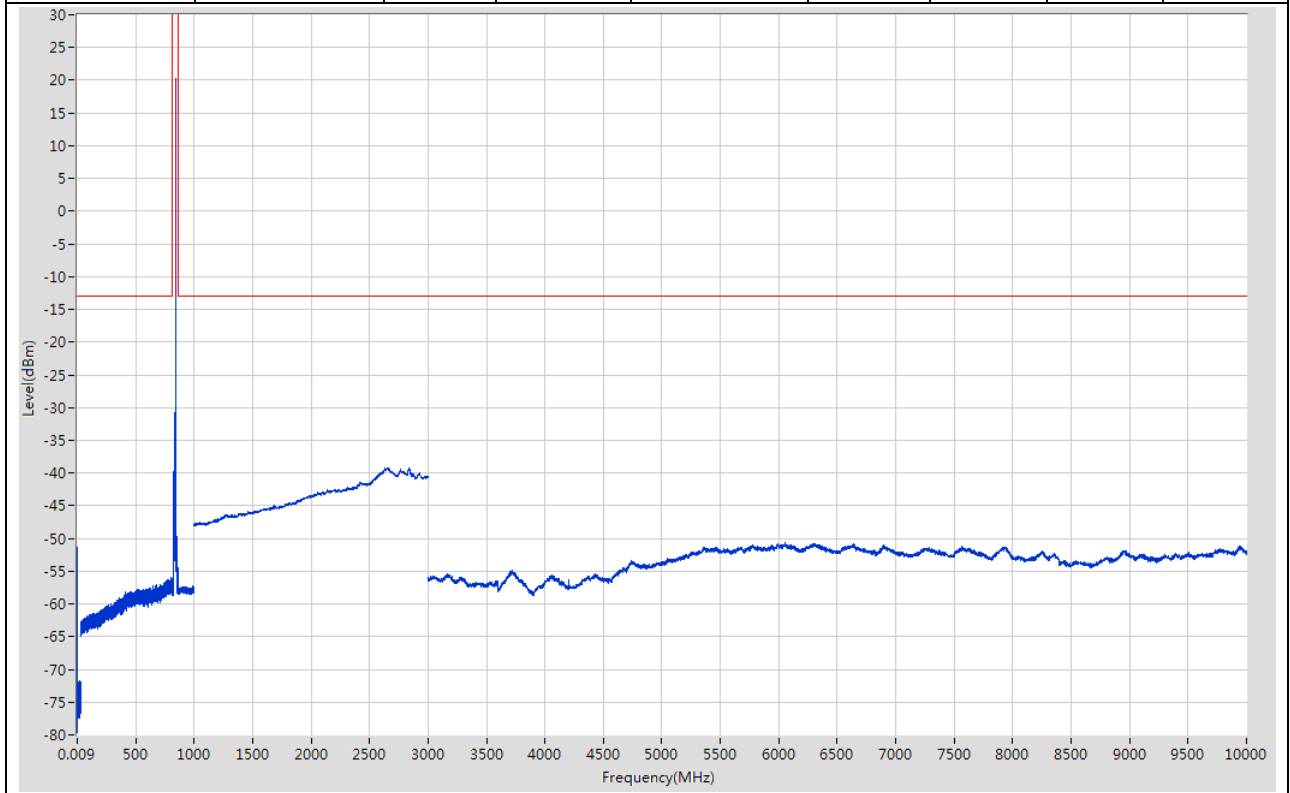| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.99	-13	Pass	601
0.15	30	0.01	RMS	0.17	-52.56	-13	Pass	2985
30	814	0.1	RMS	808.399	-55.97	-13	Pass	7840
814	860	0.1	RMS	840.91	21.28	60	Pass	601
860	1000	0.1	RMS	899.328	-57.14	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.21	-13	Pass	2000
3000	10000	1	RMS	6306.472	-50.69	-13	Pass	7000

1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

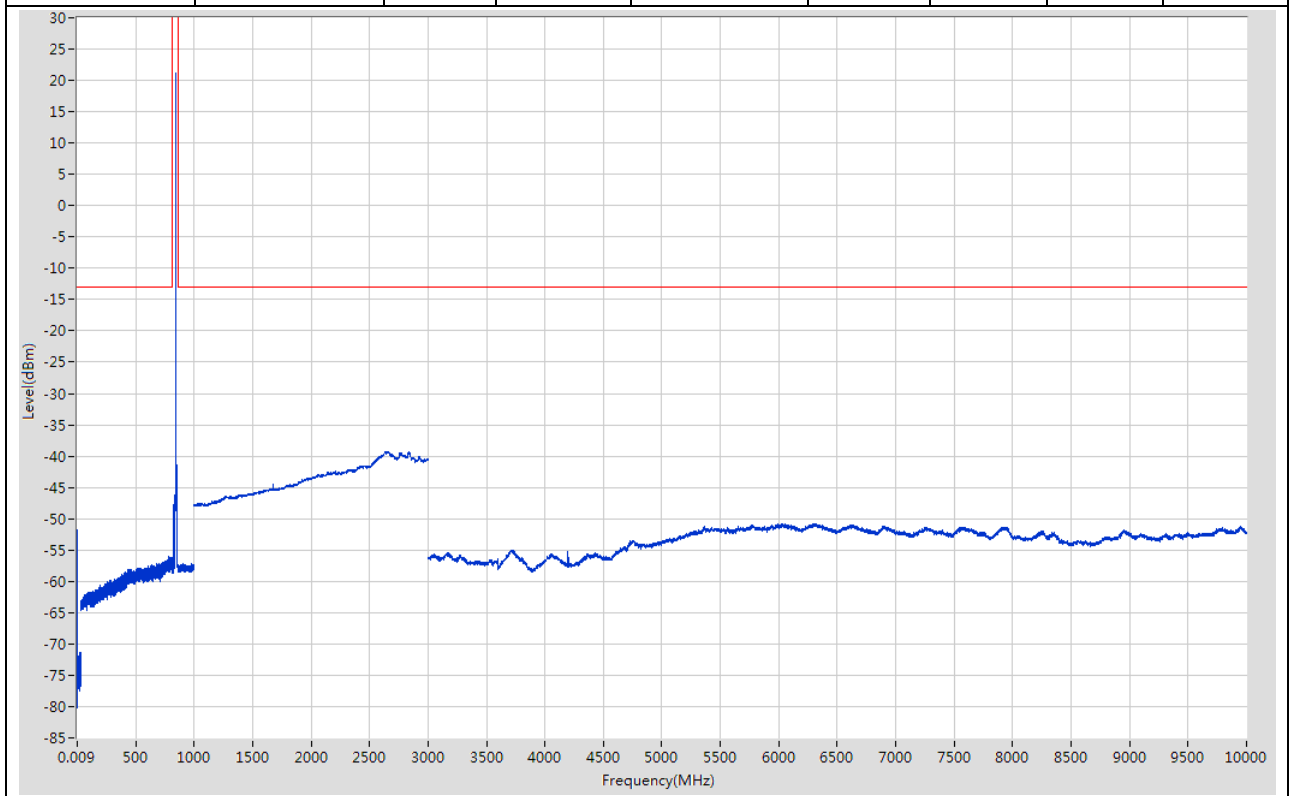| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.41	-13	Pass	2985
30	814	0.1	RMS	807.399	-56.22	-13	Pass	7840
814	860	0.1	RMS	832.093	20.19	60	Pass	601
860	1000	0.1	RMS	897.527	-57.34	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.2	-13	Pass	2000
3000	10000	1	RMS	6310.473	-50.77	-13	Pass	7000

1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

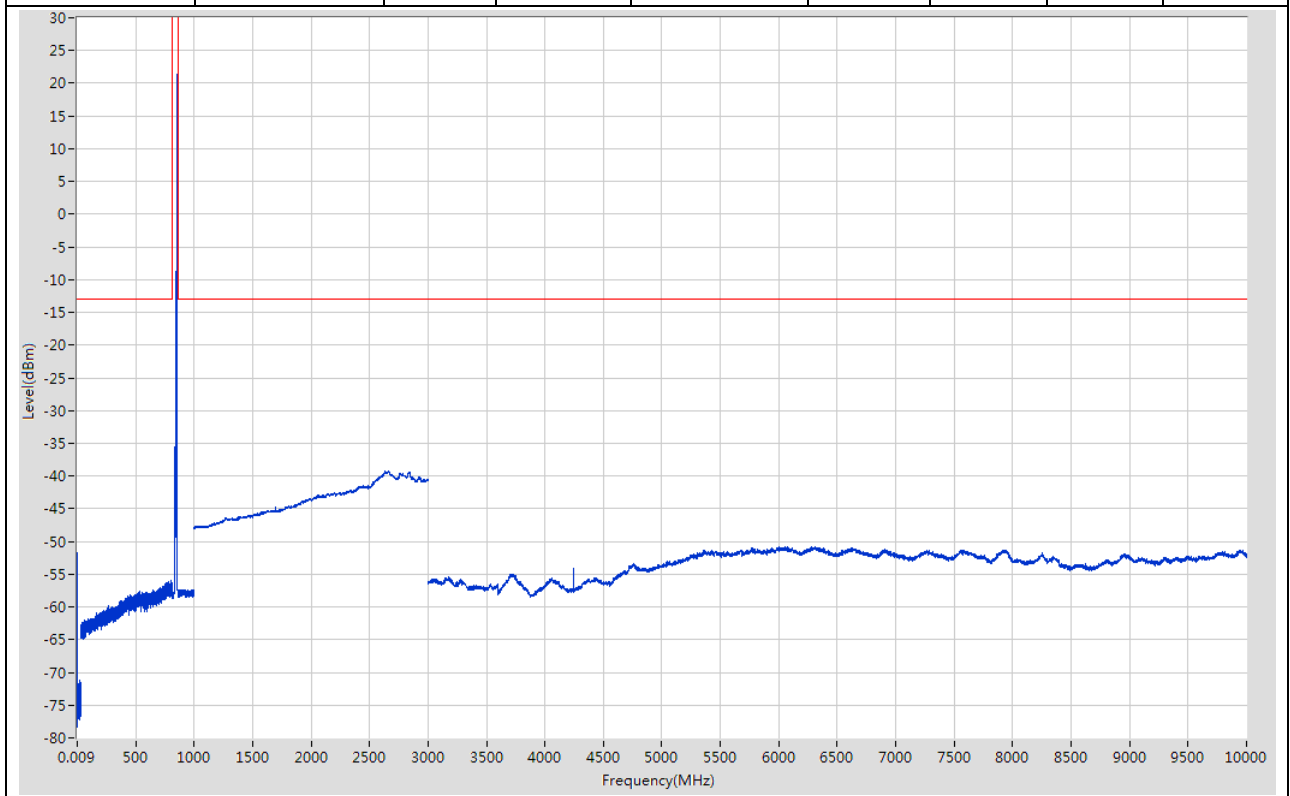| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.15	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-13	Pass	2985
30	814	0.1	RMS	796.698	-56	-13	Pass	7840
814	860	0.1	RMS	840.91	20.28	60	Pass	601
860	1000	0.1	RMS	987.891	-57.24	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.15	-13	Pass	2000
3000	10000	1	RMS	6049.436	-50.63	-13	Pass	7000

1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

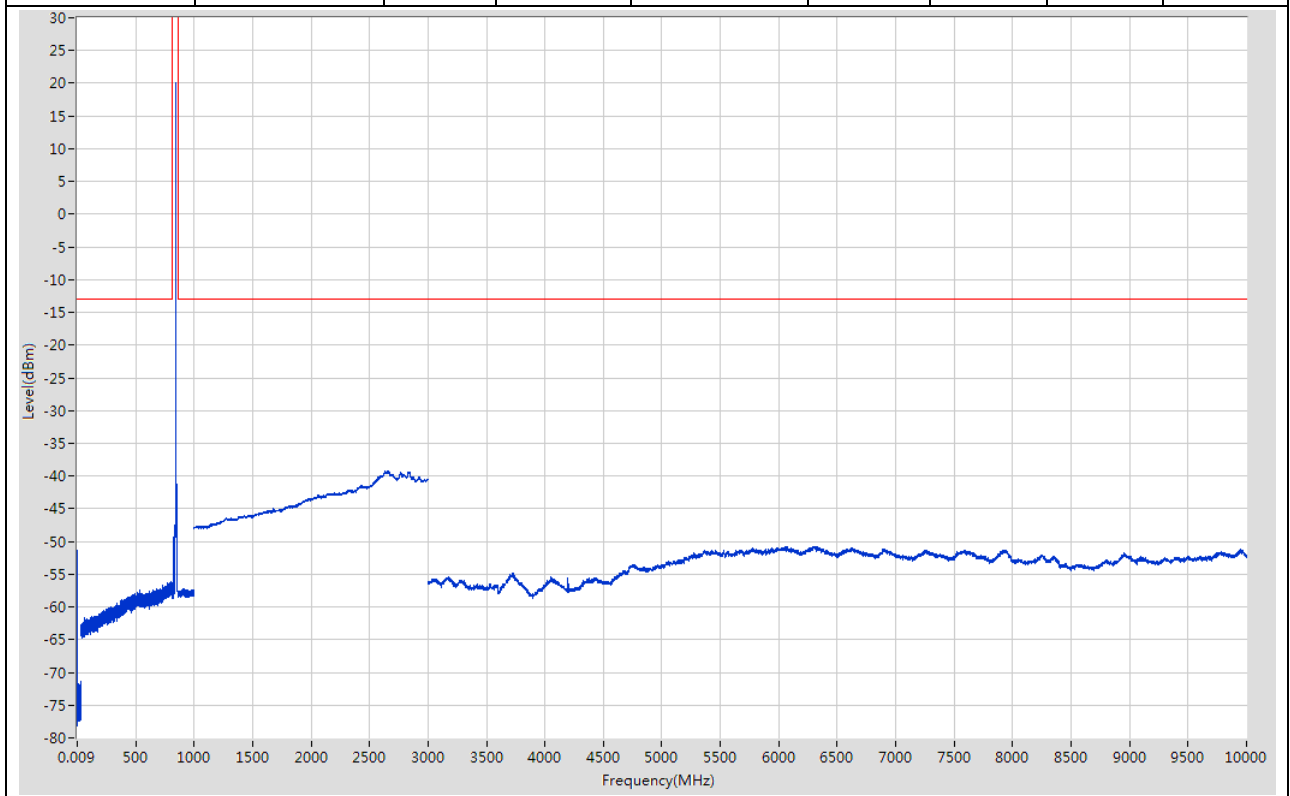| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.13	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.83	-13	Pass	2985
30	814	0.1	RMS	784.896	-56.04	-13	Pass	7840
814	860	0.1	RMS	839.607	21.26	60	Pass	601
860	1000	0.1	RMS	900.929	-57.11	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.22	-13	Pass	2000
3000	10000	1	RMS	6313.473	-50.79	-13	Pass	7000

1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

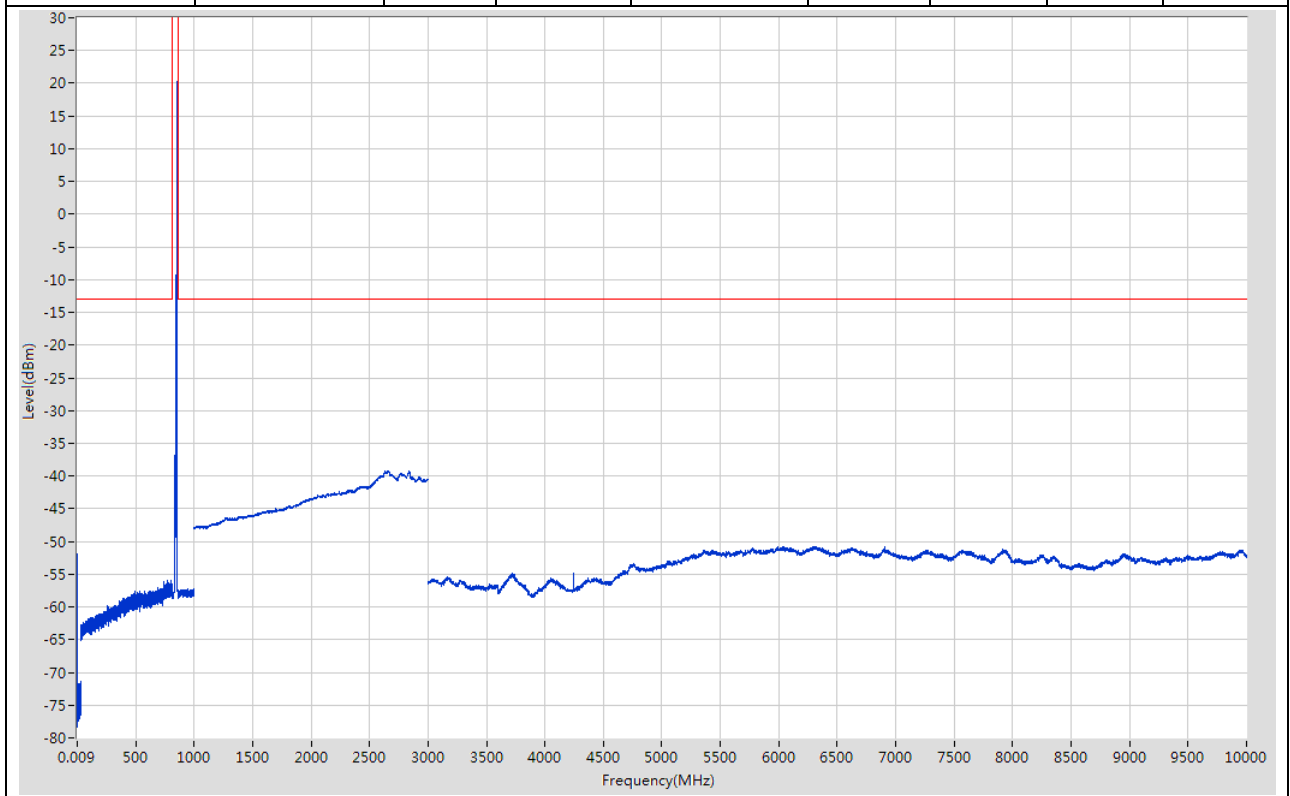| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.72	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.74	-13	Pass	2985
30	814	0.1	RMS	797.798	-55.9	-13	Pass	7840
814	860	0.1	RMS	848.423	21.3	60	Pass	601
860	1000	0.1	RMS	883.617	-57.32	-13	Pass	1400
1000	3000	1	RMS	2629.815	-39.18	-13	Pass	2000
3000	10000	1	RMS	6282.469	-50.8	-13	Pass	7000

1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:20600, 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	0.01	-53.22	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.29	-13	Pass	2985
30	814	0.1	RMS	799.798	-56.11	-13	Pass	7840
814	860	0.1	RMS	839.607	20.16	60	Pass	601
860	1000	0.1	RMS	912.938	-57.2	-13	Pass	1400
1000	3000	1	RMS	2630.815	-39.25	-13	Pass	2000
3000	10000	1	RMS	6289.47	-50.81	-13	Pass	7000

1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:20600, 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	-52.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.87	-13	Pass	2985
30	814	0.1	RMS	774.695	-55.94	-13	Pass	7840
814	860	0.1	RMS	848.423	20.24	60	Pass	601
860	1000	0.1	RMS	994.996	-57.26	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.17	-13	Pass	2000
3000	10000	1	RMS	6308.473	-50.74	-13	Pass	7000

END