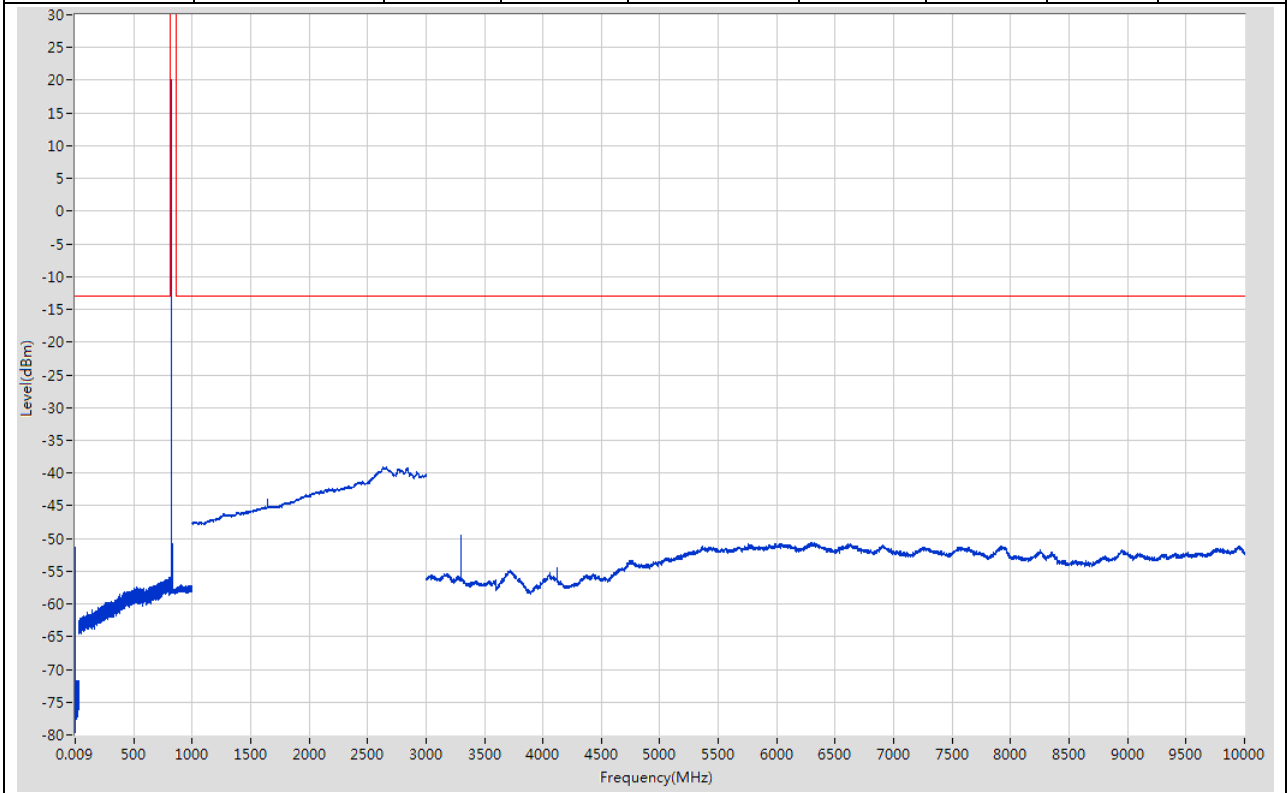# Annex C. LTE Transmitter Spurious Emissions
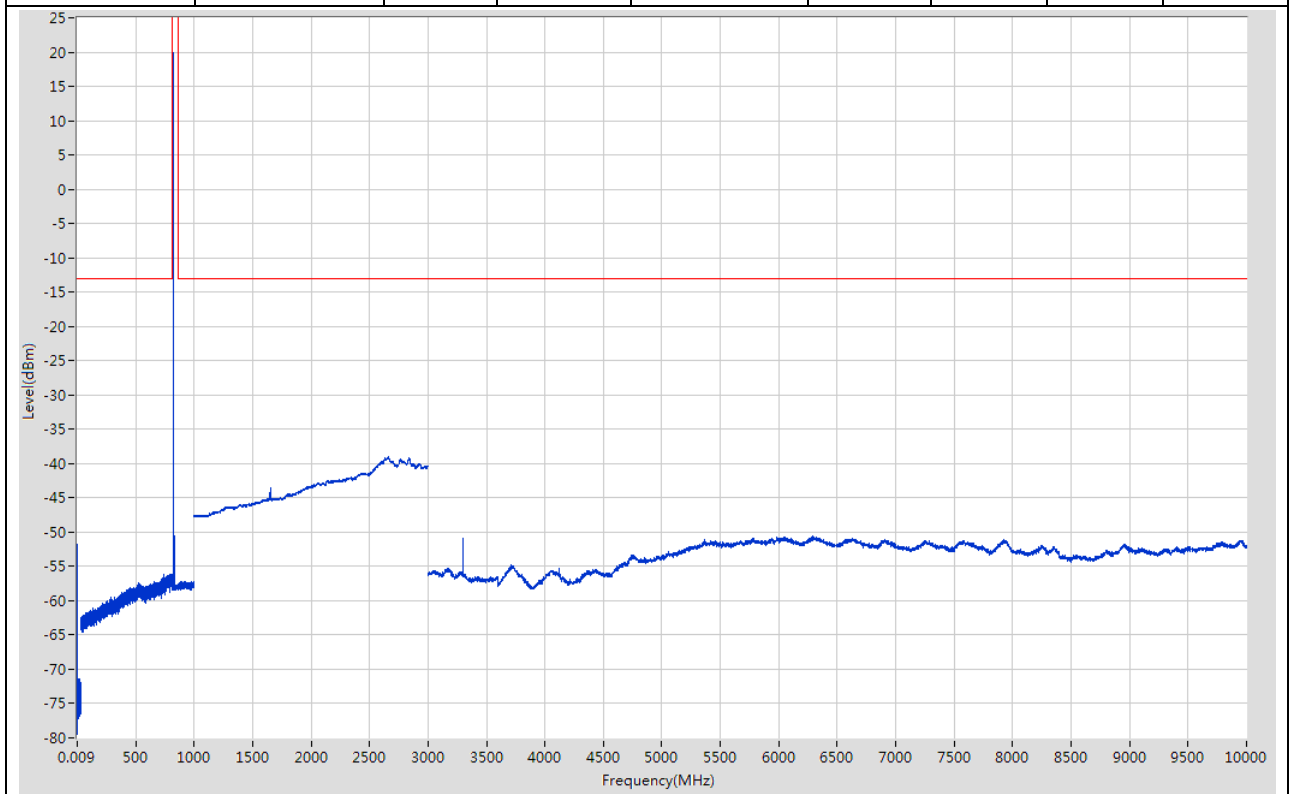
1. LTE_Band5

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

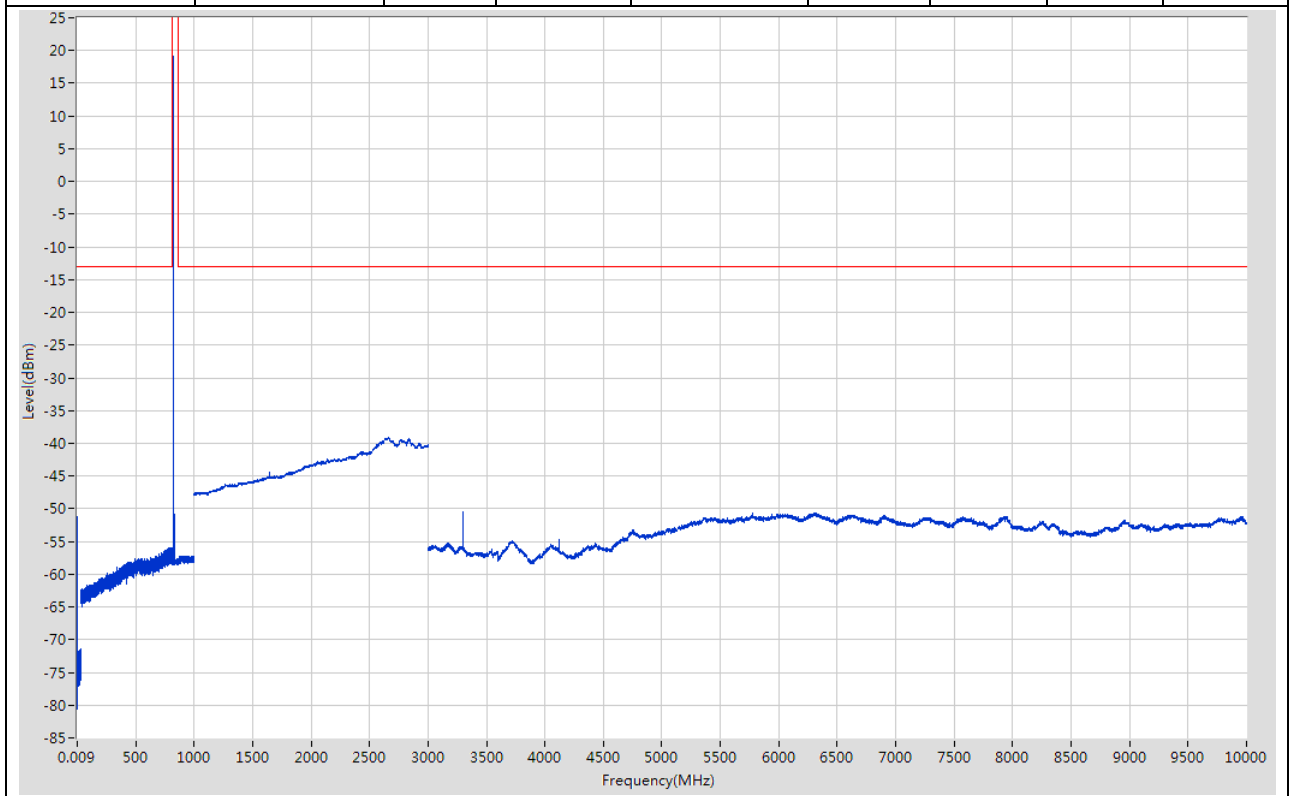| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.31	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-13	Pass	2985
30	814	0.1	RMS	805.199	-55.9	-13	Pass	7840
814	860	0.1	RMS	824.273	20.17	60	Pass	601
860	1000	0.1	RMS	907.234	-57.12	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.08	-13	Pass	2000
3000	10000	1	RMS	3297.042	-49.56	-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)

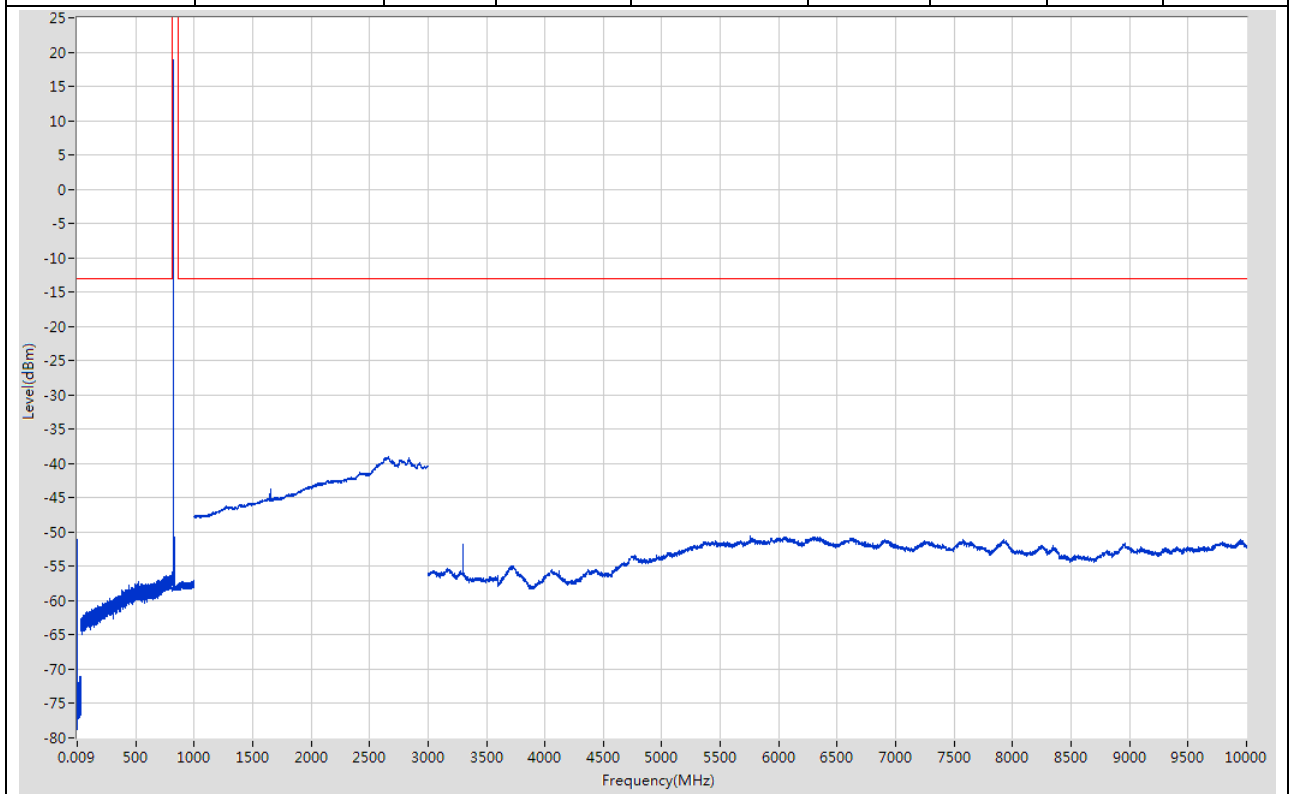| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.62	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.81	-13	Pass	2985
30	814	0.1	RMS	806.399	-56.13	-13	Pass	7840
814	860	0.1	RMS	825.117	20	60	Pass	601
860	1000	0.1	RMS	894.124	-57.13	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.03	-13	Pass	2000
3000	10000	1	RMS	6294.471	-50.6	-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)

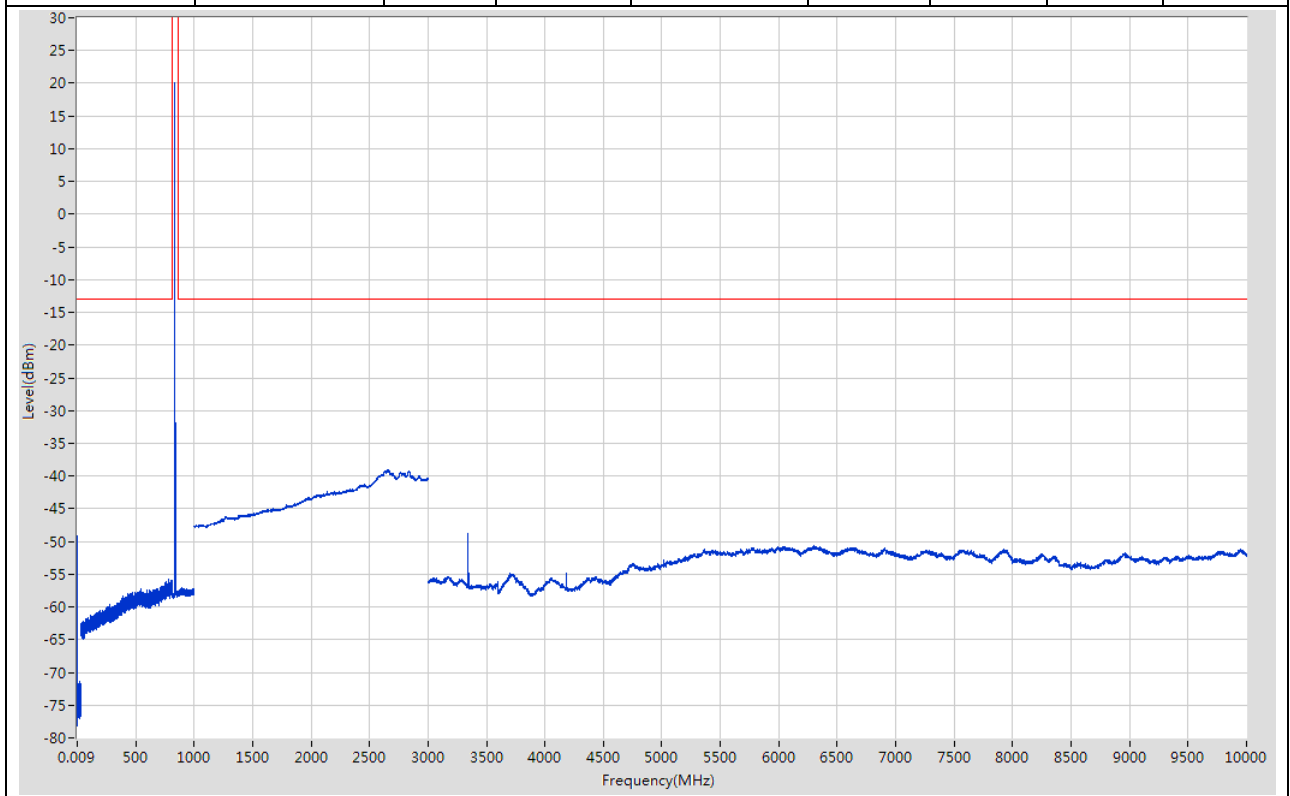| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.2	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.2	-13	Pass	2985
30	814	0.1	RMS	806.499	-55.9	-13	Pass	7840
814	860	0.1	RMS	824.273	19.04	60	Pass	601
860	1000	0.1	RMS	897.827	-57.18	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.14	-13	Pass	2000
3000	10000	1	RMS	3297.042	-50.42	-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)

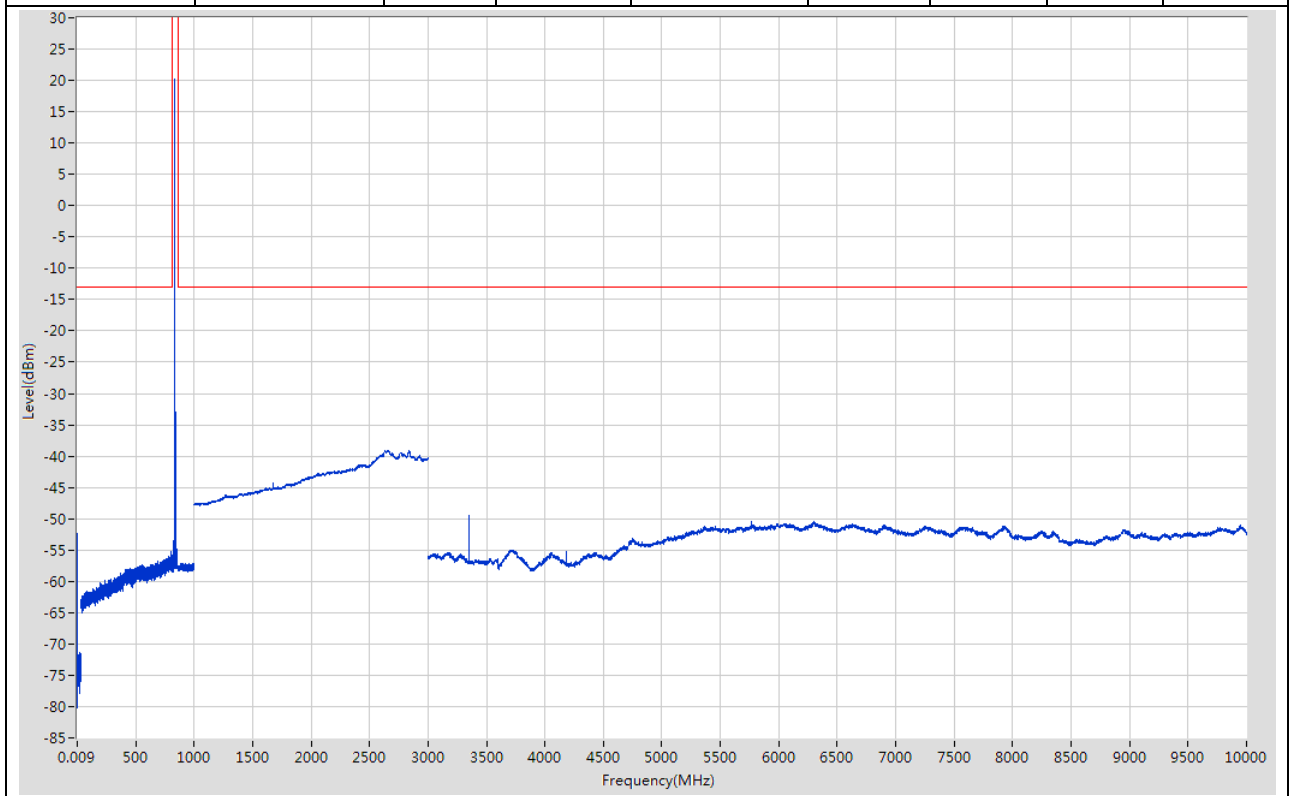| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.29	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51	-13	Pass	2985
30	814	0.1	RMS	811	-55.82	-13	Pass	7840
814	860	0.1	RMS	825.117	18.94	60	Pass	601
860	1000	0.1	RMS	1000	-57.12	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.01	-13	Pass	2000
3000	10000	1	RMS	5759.394	-50.48	-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)

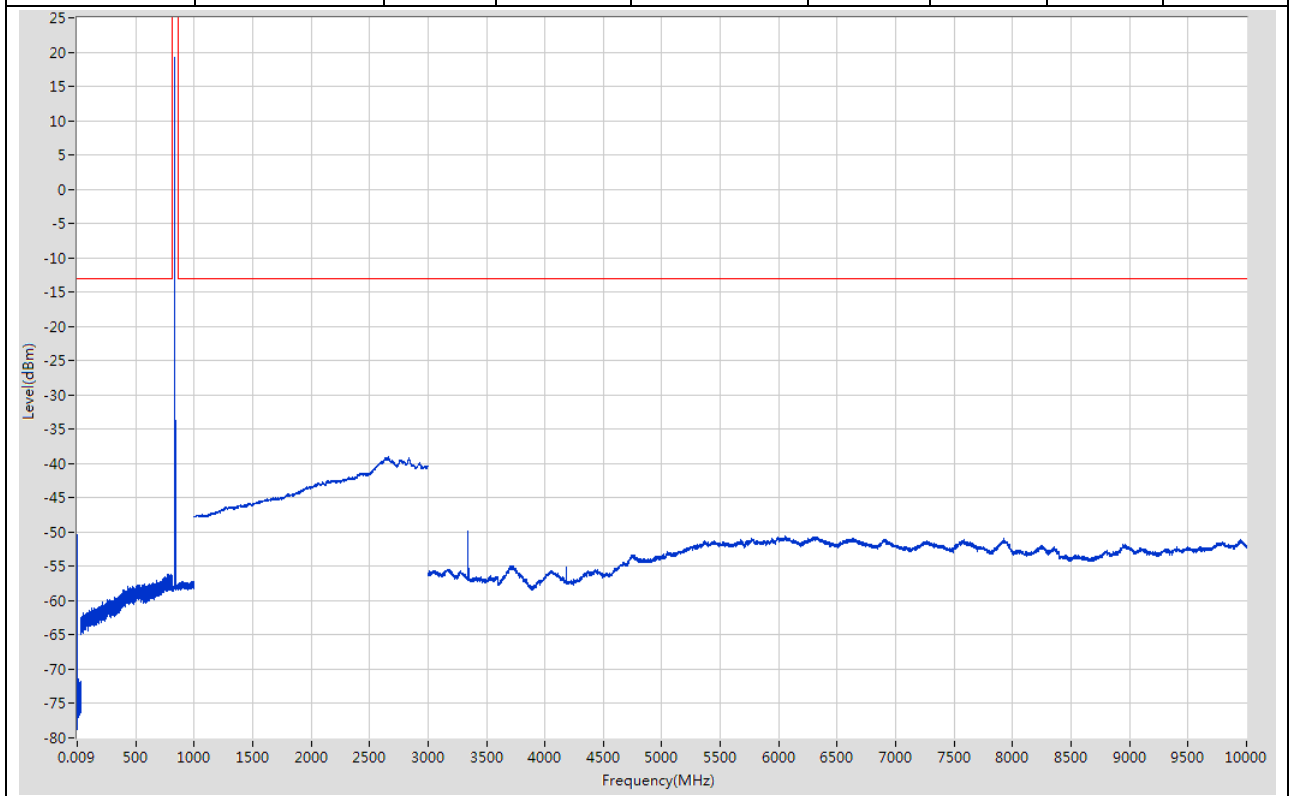| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.77	-13	Pass	601
0.15	30	0.01	RMS	0.15	-49.19	-13	Pass	2985
30	814	0.1	RMS	782.996	-55.79	-13	Pass	7840
814	860	0.1	RMS	836.08	20.04	60	Pass	601
860	1000	0.1	RMS	894.825	-57.1	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.04	-13	Pass	2000
3000	10000	1	RMS	3344.049	-48.87	-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)

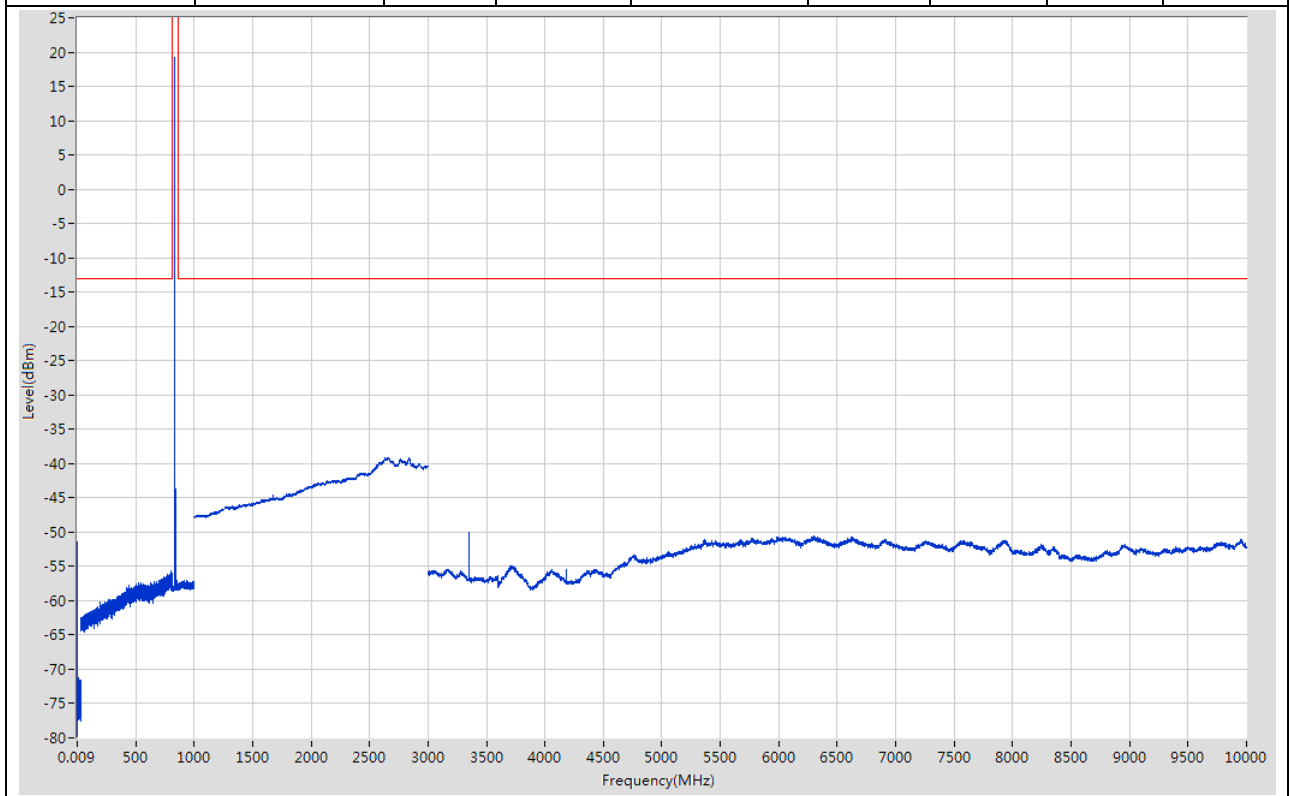| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.75	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.35	-13	Pass	2985
30	814	0.1	RMS	802.299	-55.2	-13	Pass	7840
814	860	0.1	RMS	836.923	20.14	60	Pass	601
860	1000	0.1	RMS	900.029	-57.12	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.05	-13	Pass	2000
3000	10000	1	RMS	3348.05	-49.51	-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)

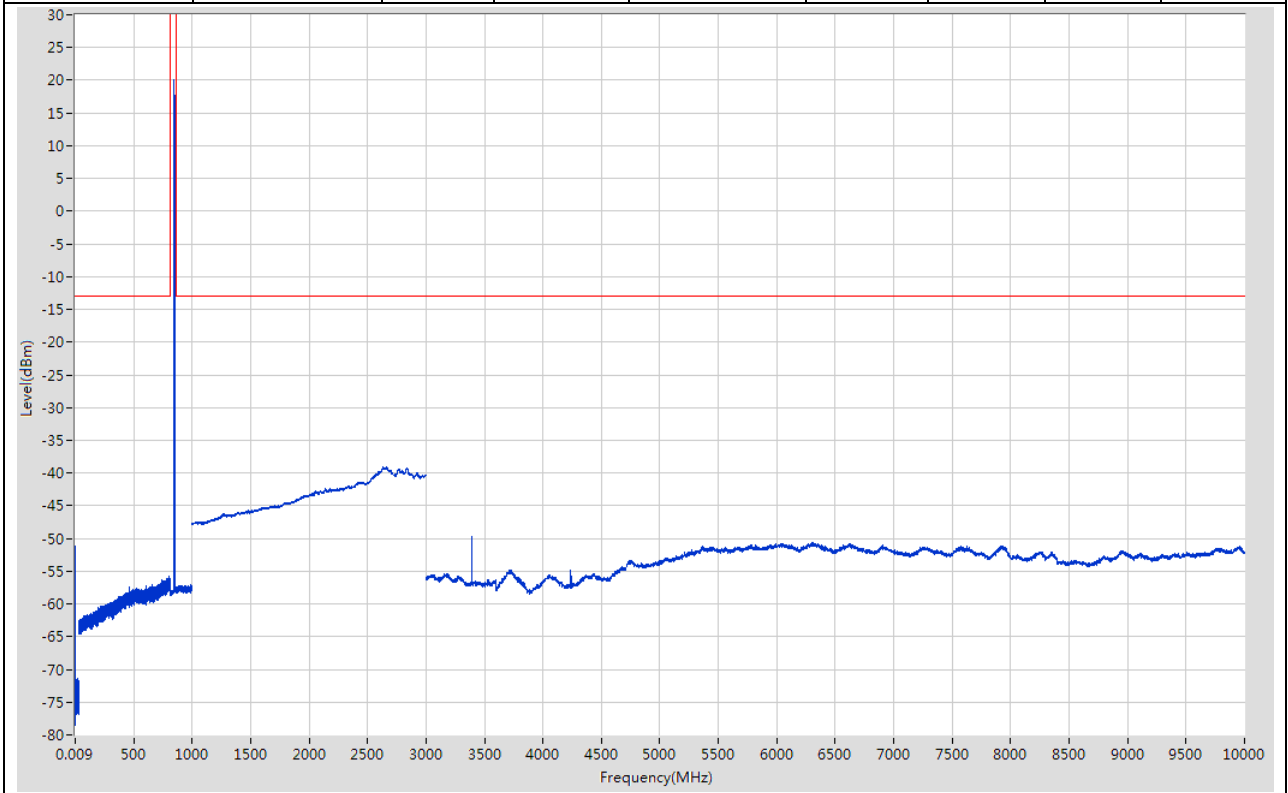| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.06	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.42	-13	Pass	2985
30	814	0.1	RMS	805.699	-56.18	-13	Pass	7840
814	860	0.1	RMS	836.08	19.19	60	Pass	601
860	1000	0.1	RMS	898.928	-57.16	-13	Pass	1400
1000	3000	1	RMS	2657.829	-38.99	-13	Pass	2000
3000	10000	1	RMS	3344.049	-49.76	-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)

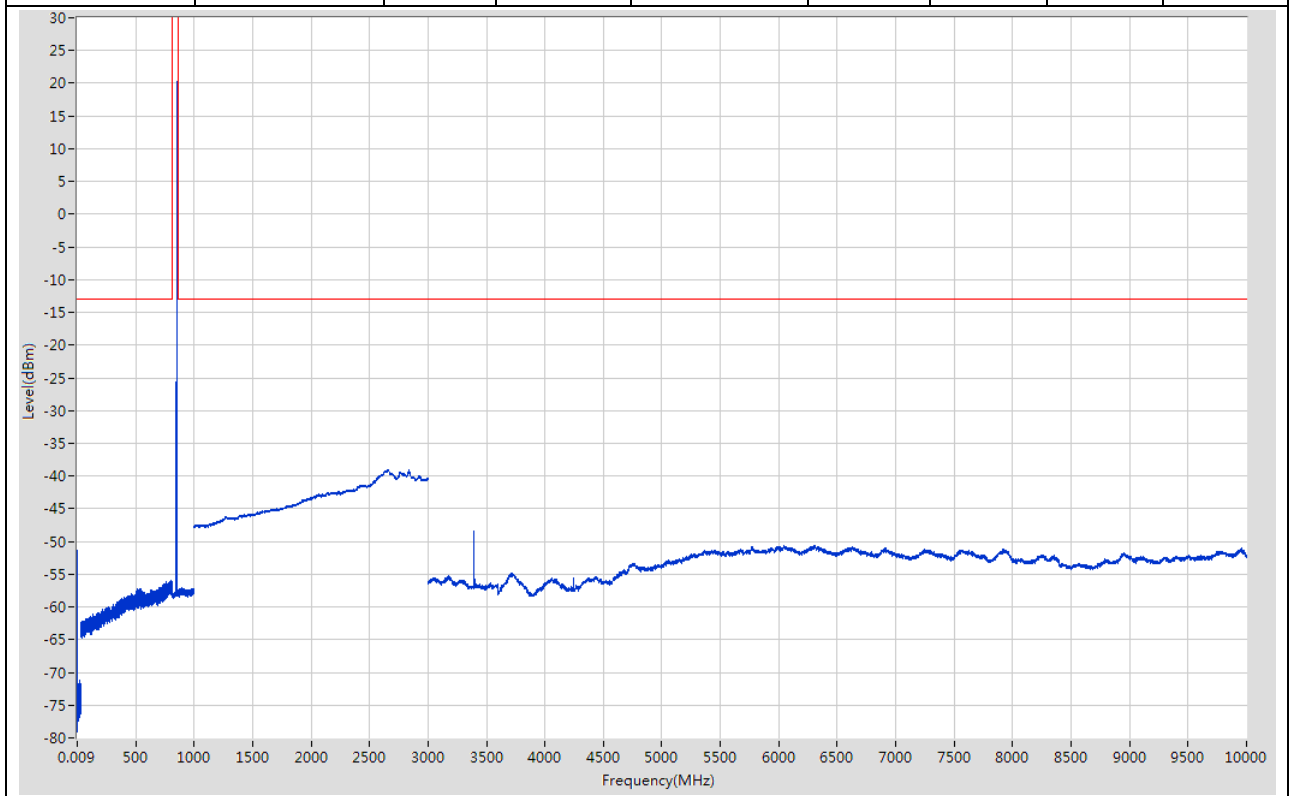| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.75	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.44	-13	Pass	2985
30	814	0.1	RMS	802.799	-55.64	-13	Pass	7840
814	860	0.1	RMS	836.923	19.18	60	Pass	601
860	1000	0.1	RMS	915.94	-57.06	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.08	-13	Pass	2000
3000	10000	1	RMS	3348.05	-50.08	-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)

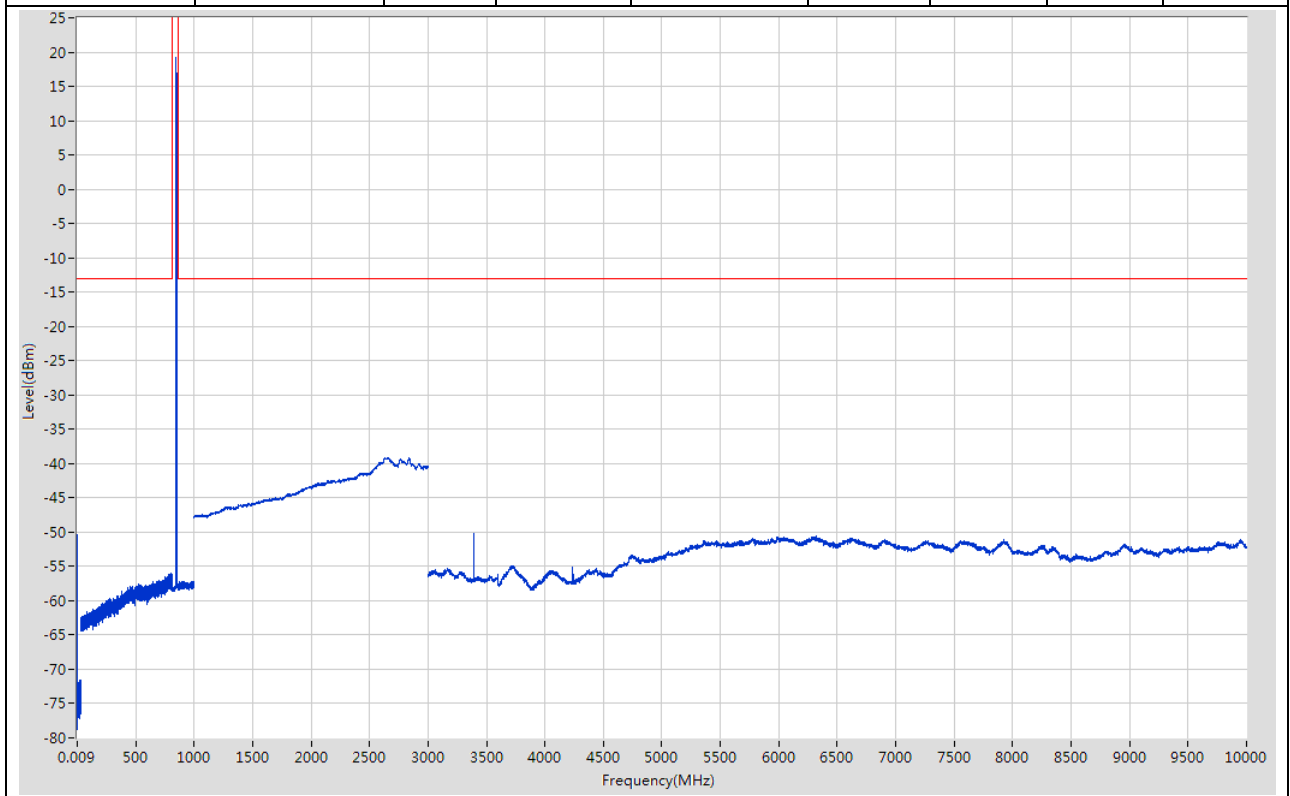| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.64	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.16	-13	Pass	2985
30	814	0.1	RMS	796.798	-55.75	-13	Pass	7840
814	860	0.1	RMS	847.887	20.1	60	Pass	601
860	1000	0.1	RMS	983.688	-57.1	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.08	-13	Pass	2000
3000	10000	1	RMS	3391.056	-49.69	-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)

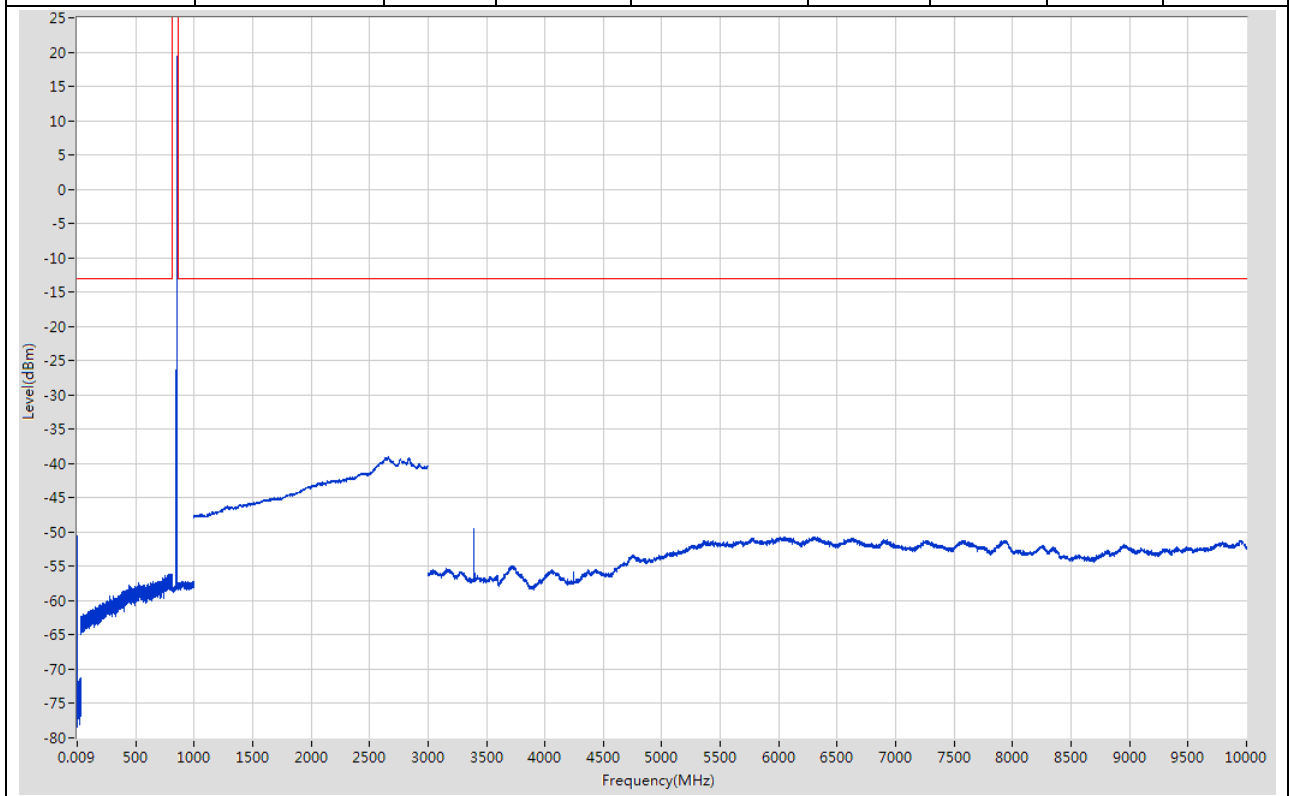| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.28	-13	Pass	2985
30	814	0.1	RMS	805.499	-56	-13	Pass	7840
814	860	0.1	RMS	848.73	20.33	60	Pass	601
860	1000	0.1	RMS	896.626	-57.13	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.05	-13	Pass	2000
3000	10000	1	RMS	3395.056	-48.41	-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)

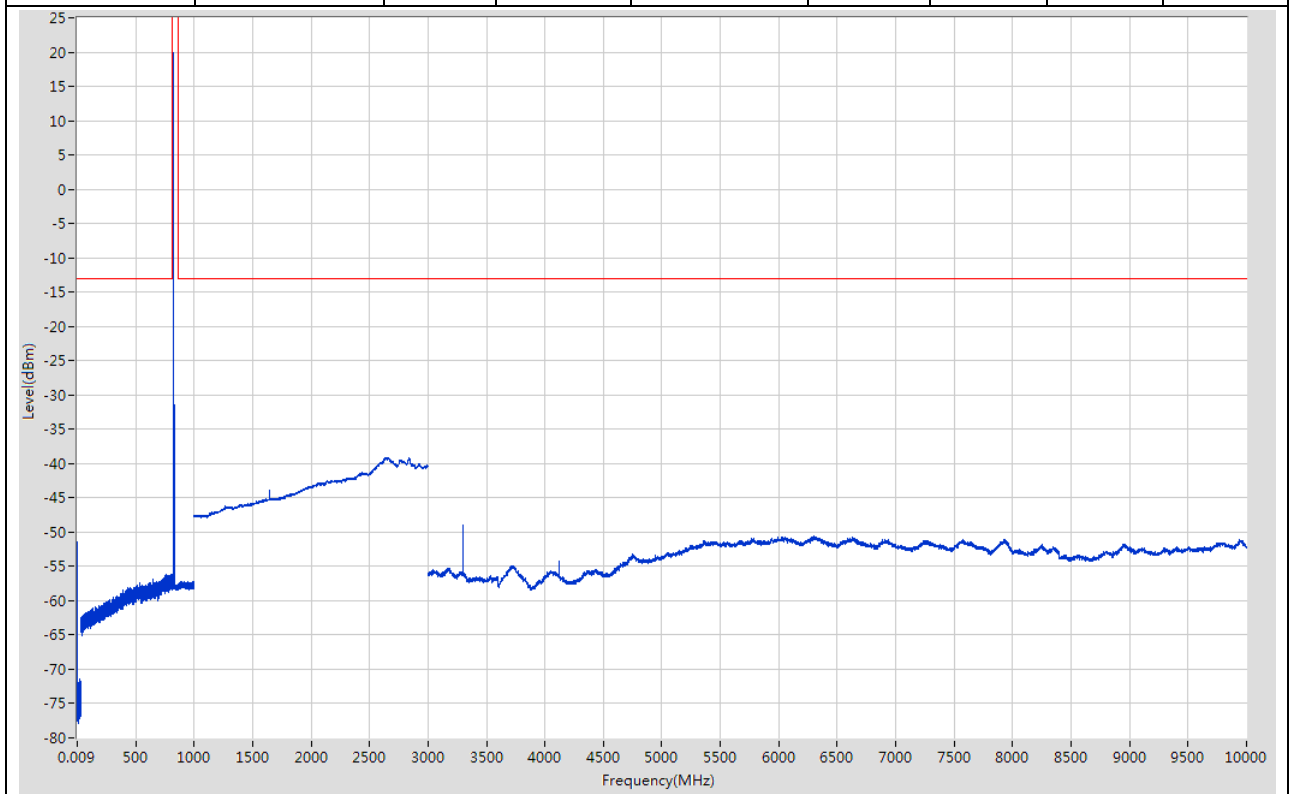| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.39	-13	Pass	2985
30	814	0.1	RMS	803.299	-56.03	-13	Pass	7840
814	860	0.1	RMS	847.887	19.19	60	Pass	601
860	1000	0.1	RMS	995.897	-57.14	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.09	-13	Pass	2000
3000	10000	1	RMS	3391.056	-50.17	-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)

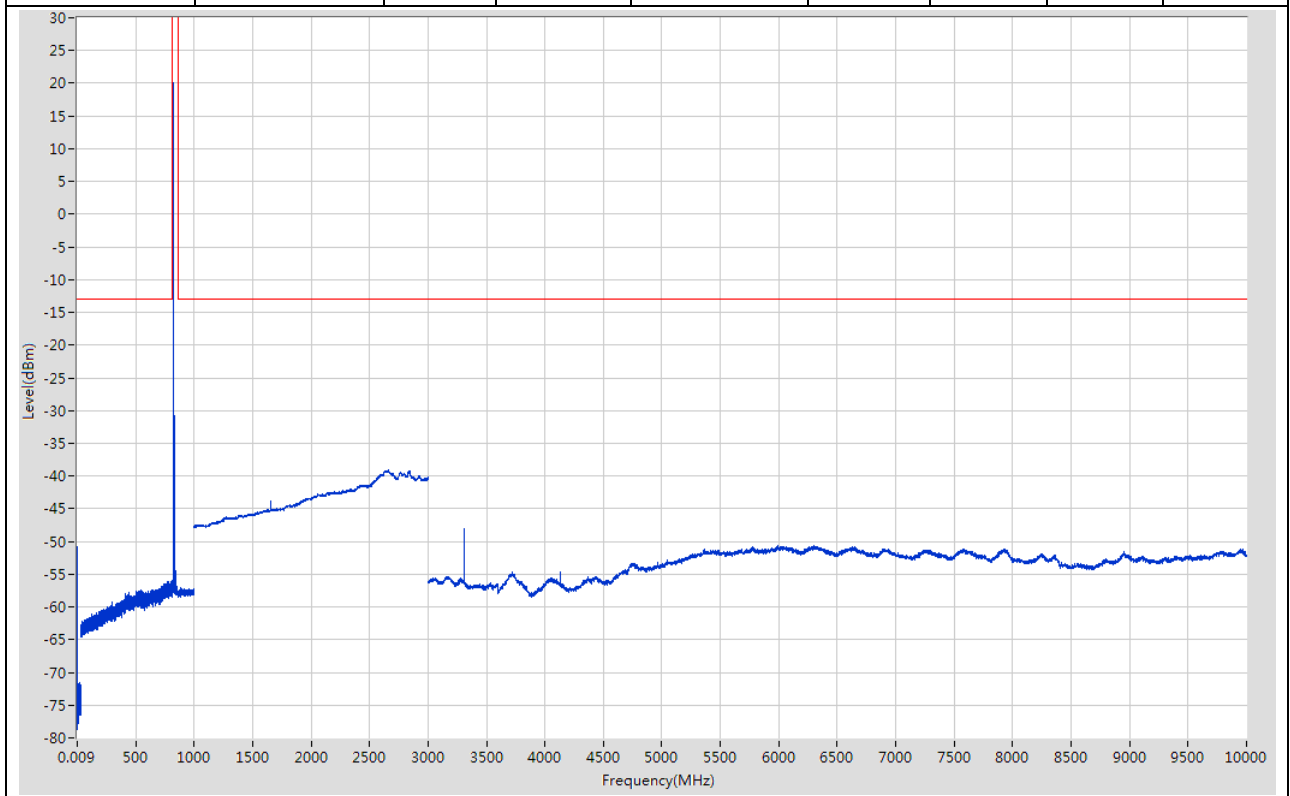| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-50.52	-13	Pass	601
0.15	30	0.01	RMS	0.17	-51.7	-13	Pass	2985
30	814	0.1	RMS	783.896	-56.09	-13	Pass	7840
814	860	0.1	RMS	848.73	19.38	60	Pass	601
860	1000	0.1	RMS	947.663	-57.22	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.05	-13	Pass	2000
3000	10000	1	RMS	3395.056	-49.44	-13	Pass	7000

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

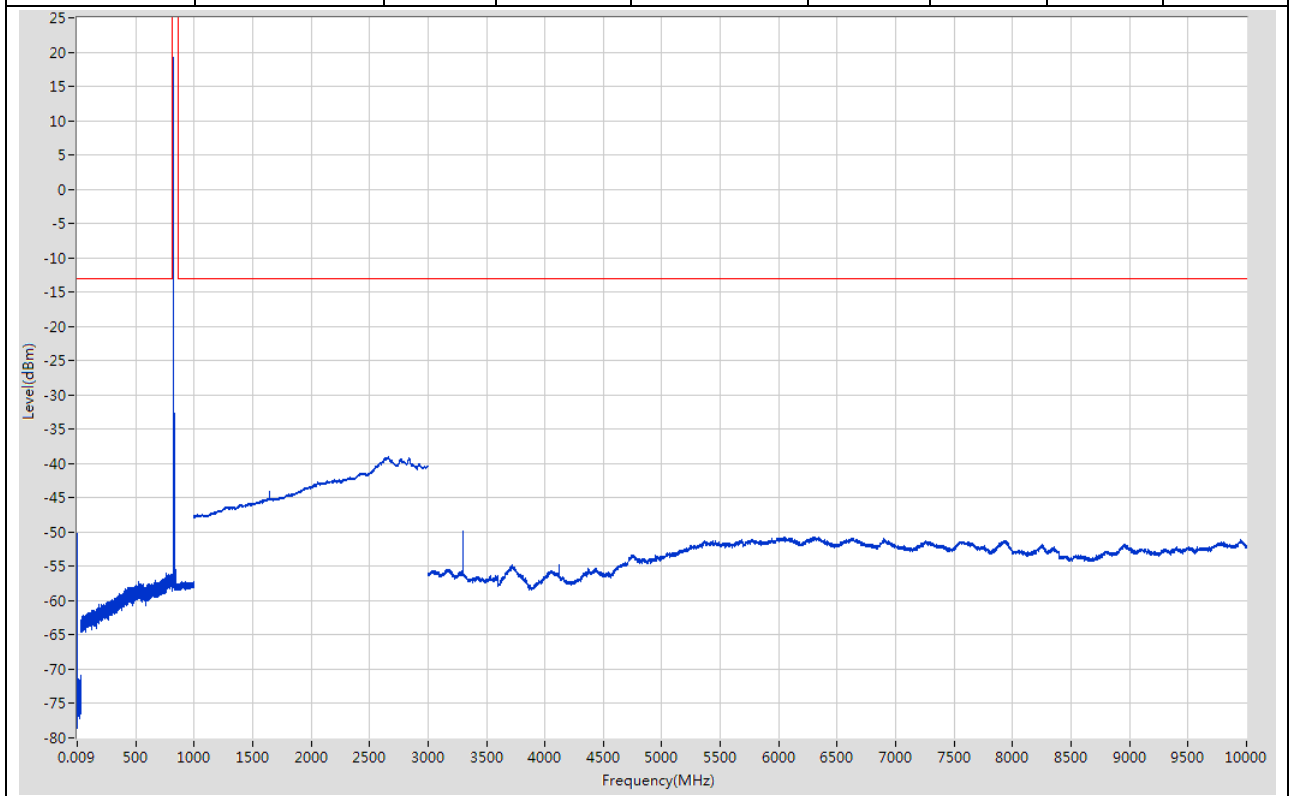| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.51	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.45	-13	Pass	2985
30	814	0.1	RMS	808.799	-56.12	-13	Pass	7840
814	860	0.1	RMS	824.273	19.99	60	Pass	601
860	1000	0.1	RMS	915.64	-57.16	-13	Pass	1400
1000	3000	1	RMS	2663.832	-39.08	-13	Pass	2000
3000	10000	1	RMS	3297.042	-49.02	-13	Pass	7000

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

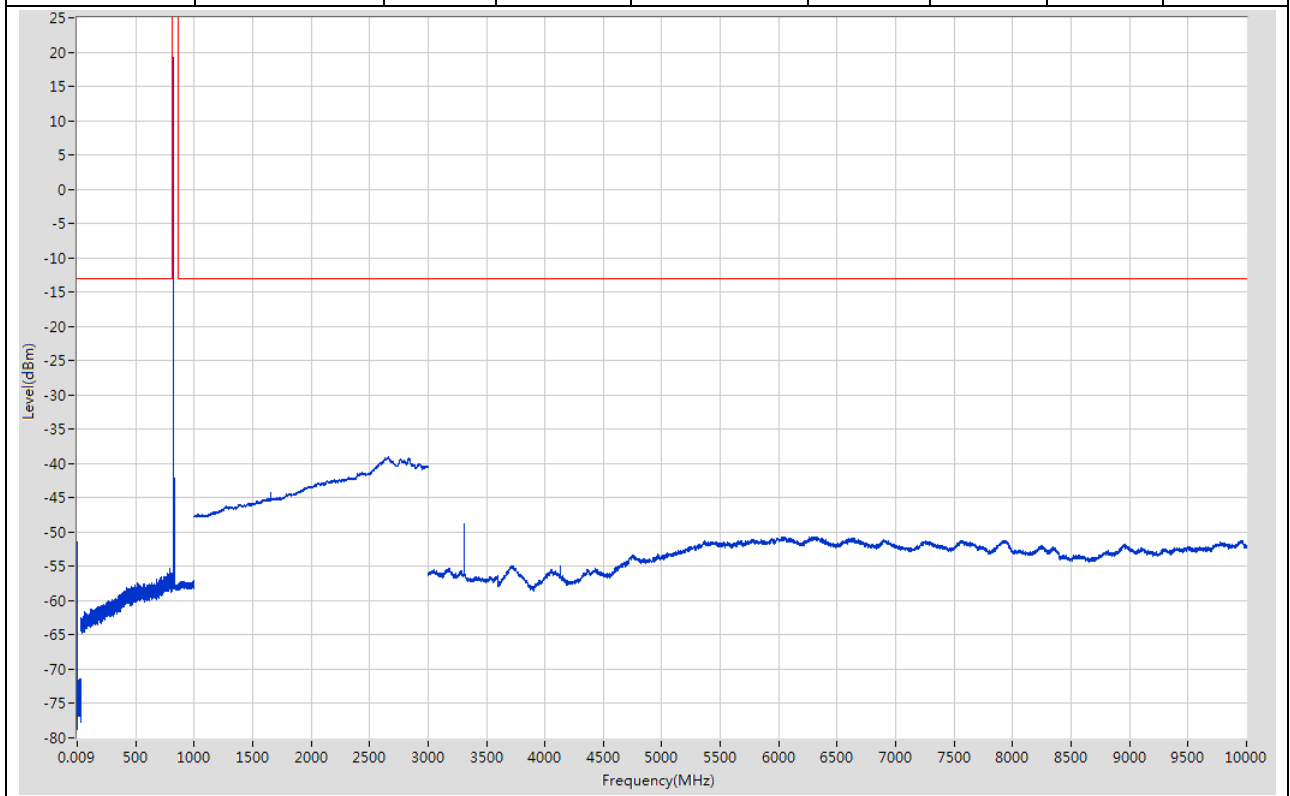| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.9	-13	Pass	601
0.15	30	0.01	RMS	0.16	-50.81	-13	Pass	2985
30	814	0.1	RMS	811.5	-55.95	-13	Pass	7840
814	860	0.1	RMS	826.727	20.07	60	Pass	601
860	1000	0.1	RMS	884.818	-57.04	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.02	-13	Pass	2000
3000	10000	1	RMS	3307.044	-47.99	-13	Pass	7000

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

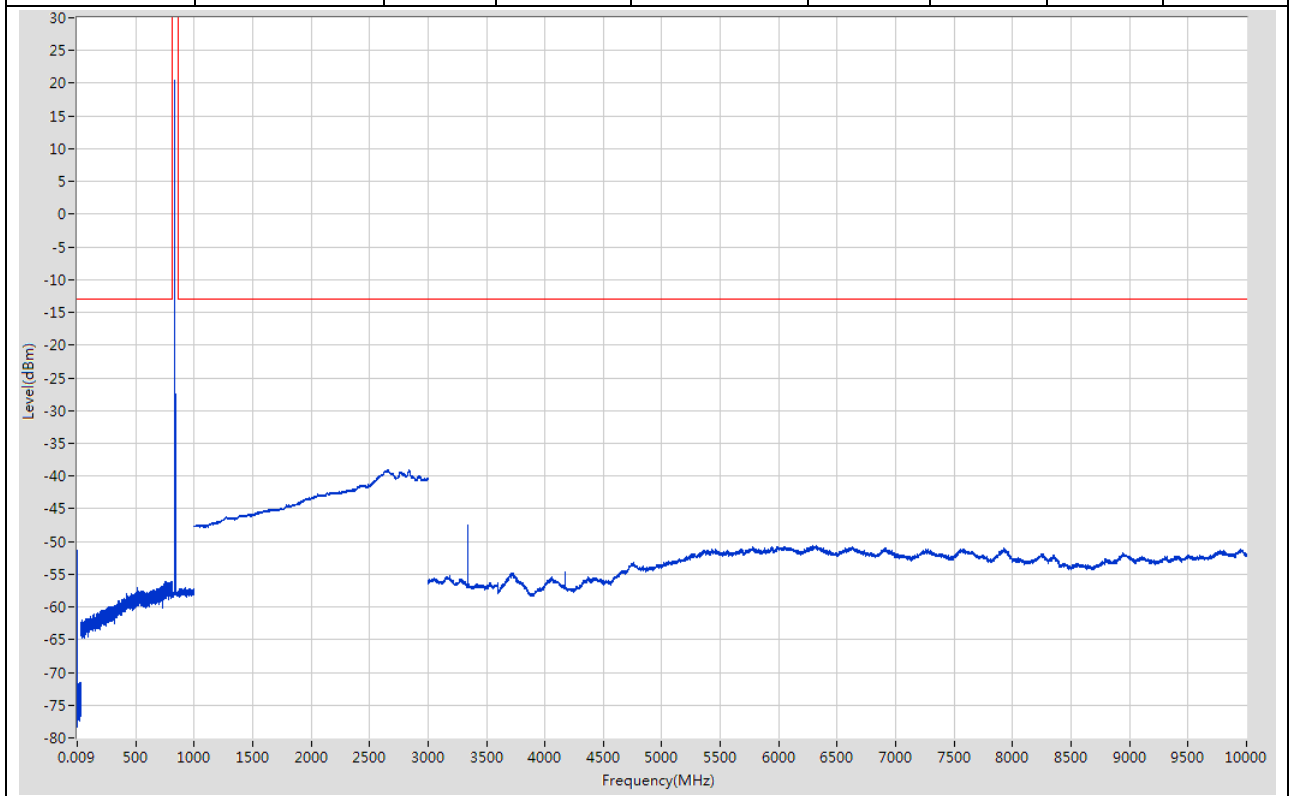| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.72	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.23	-13	Pass	2985
30	814	0.1	RMS	761.293	-55.99	-13	Pass	7840
814	860	0.1	RMS	824.273	19.19	60	Pass	601
860	1000	0.1	RMS	898.427	-57.2	-13	Pass	1400
1000	3000	1	RMS	2658.829	-38.95	-13	Pass	2000
3000	10000	1	RMS	3297.042	-49.86	-13	Pass	7000

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

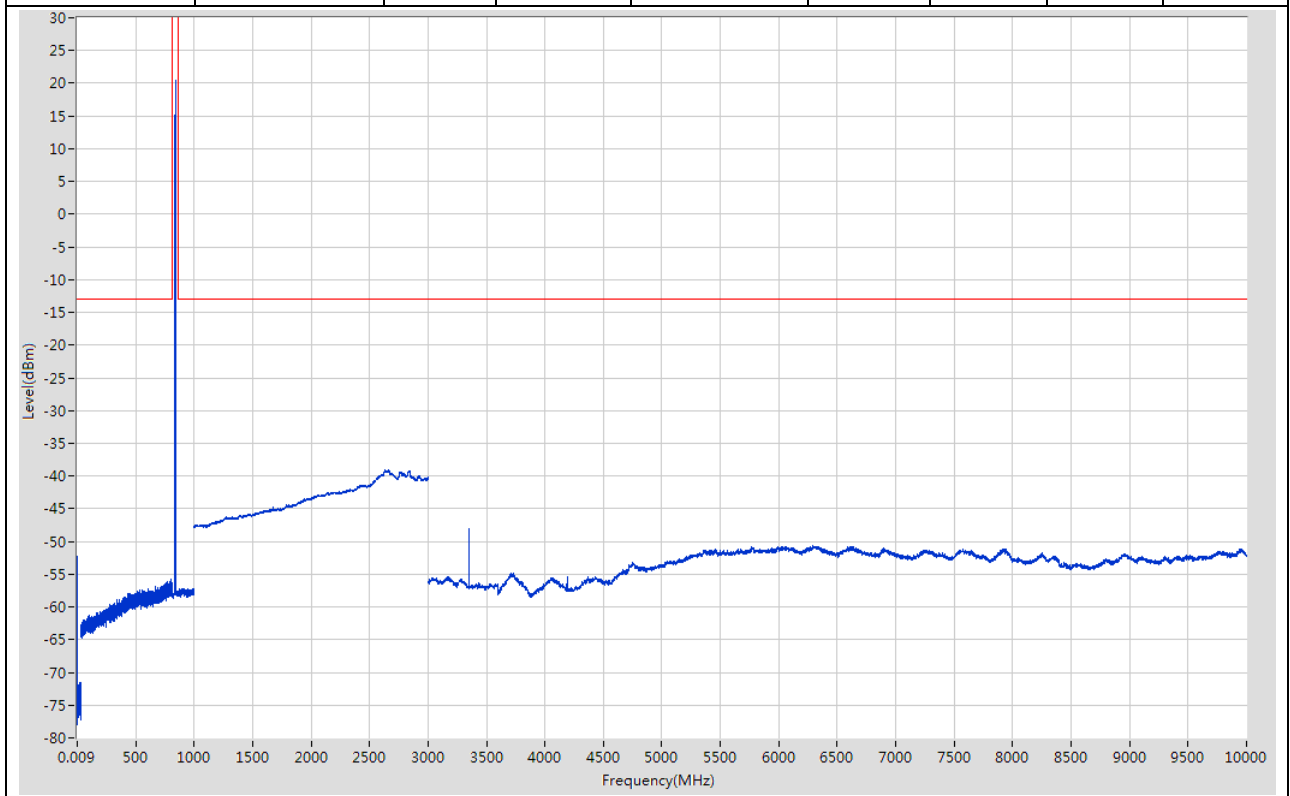| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.5	-13	Pass	2985
30	814	0.1	RMS	793.197	-55.3	-13	Pass	7840
814	860	0.1	RMS	826.727	19.17	60	Pass	601
860	1000	0.1	RMS	996.397	-57.12	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.05	-13	Pass	2000
3000	10000	1	RMS	3307.044	-48.81	-13	Pass	7000

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

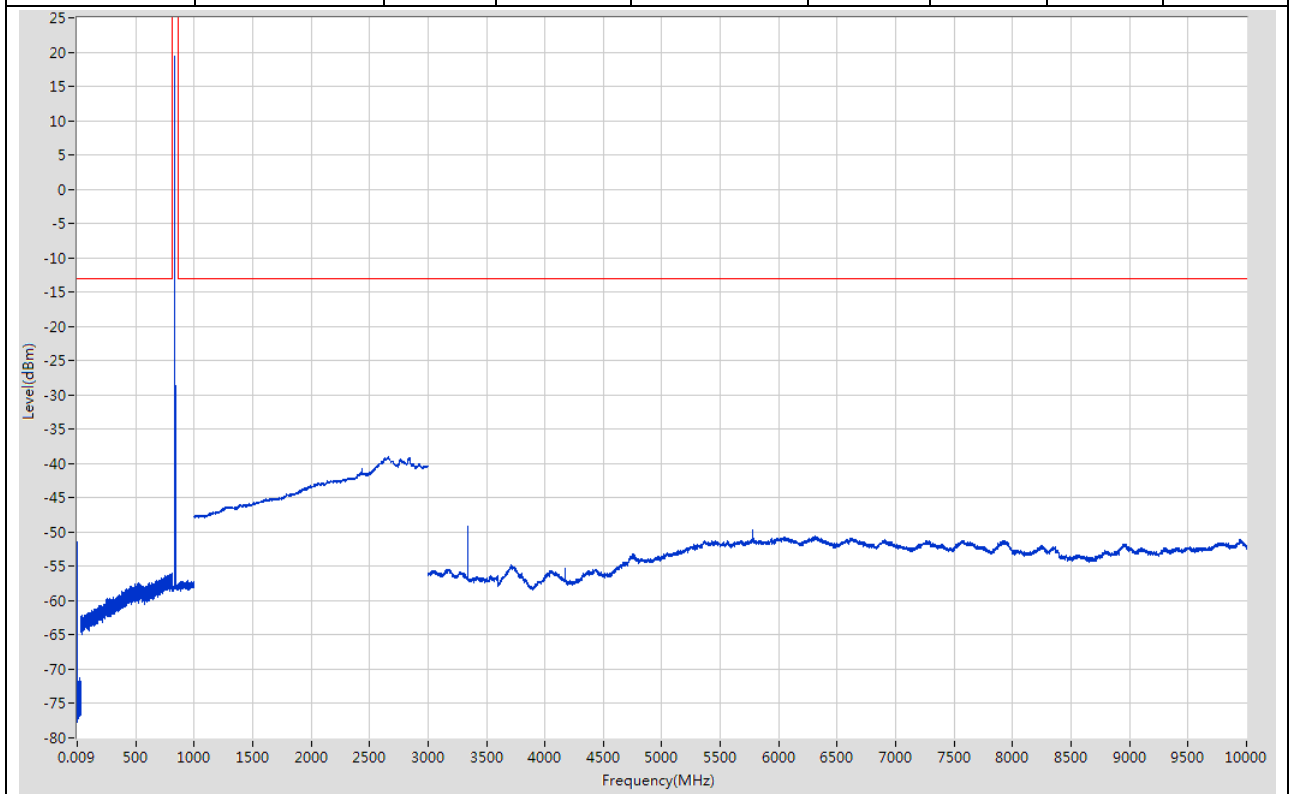| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.26	-13	Pass	2985
30	814	0.1	RMS	759.593	-56.04	-13	Pass	7840
814	860	0.1	RMS	835.237	20.48	60	Pass	601
860	1000	0.1	RMS	924.046	-57.12	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.03	-13	Pass	2000
3000	10000	1	RMS	3341.049	-47.52	-13	Pass	7000

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

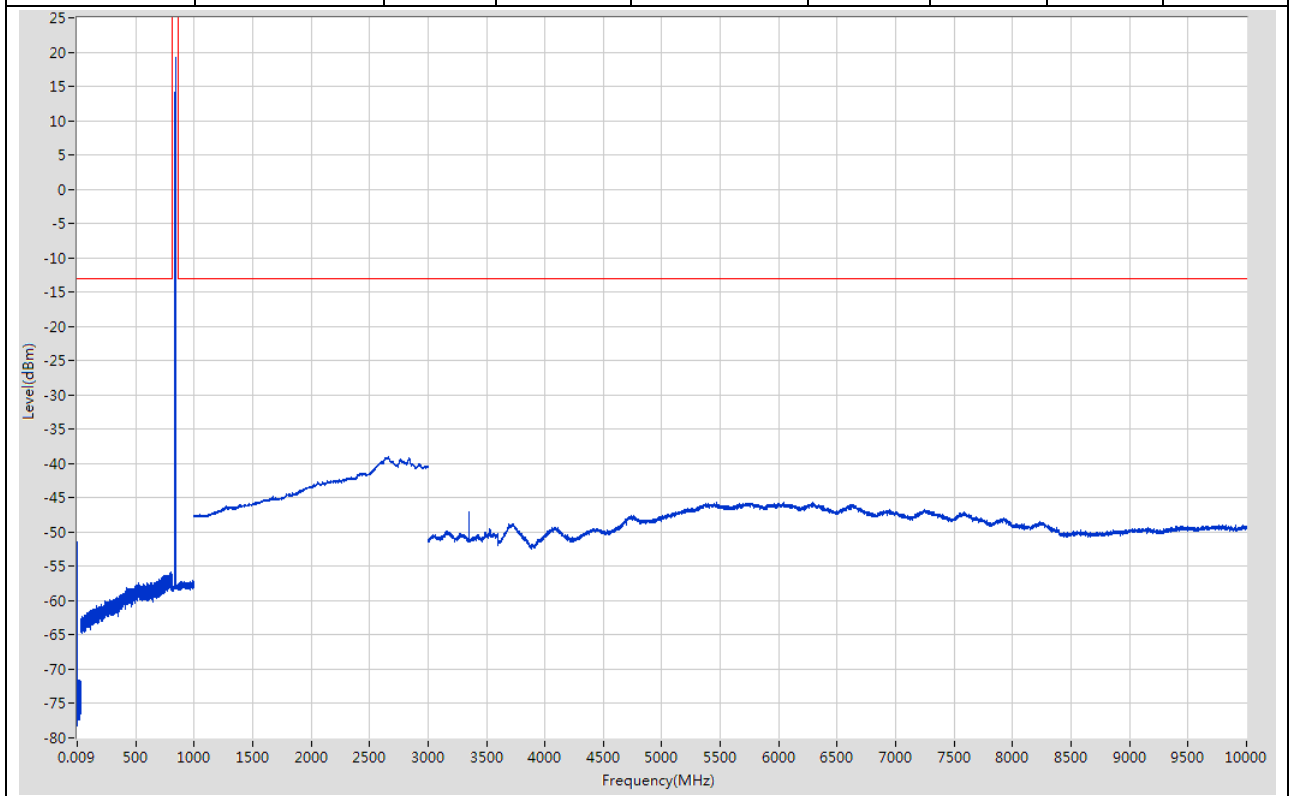| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.8	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.32	-13	Pass	2985
30	814	0.1	RMS	801.698	-55.84	-13	Pass	7840
814	860	0.1	RMS	837.767	20.4	60	Pass	601
860	1000	0.1	RMS	872.409	-57.16	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.03	-13	Pass	2000
3000	10000	1	RMS	3351.05	-48.11	-13	Pass	7000

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

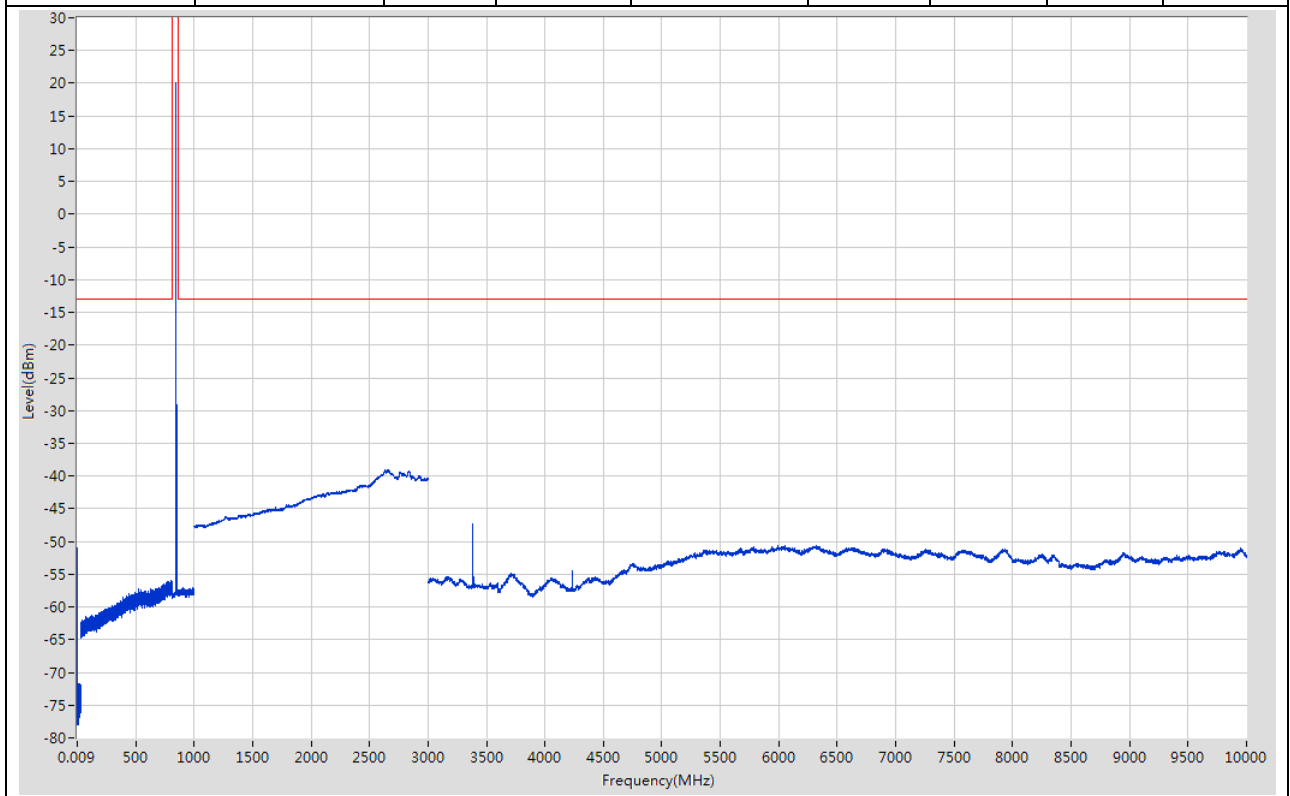| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.55	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.42	-13	Pass	2985
30	814	0.1	RMS	811.2	-55.96	-13	Pass	7840
814	860	0.1	RMS	835.237	19.37	60	Pass	601
860	1000	0.1	RMS	947.563	-57.1	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.06	-13	Pass	2000
3000	10000	1	RMS	3341.049	-49.1	-13	Pass	7000

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

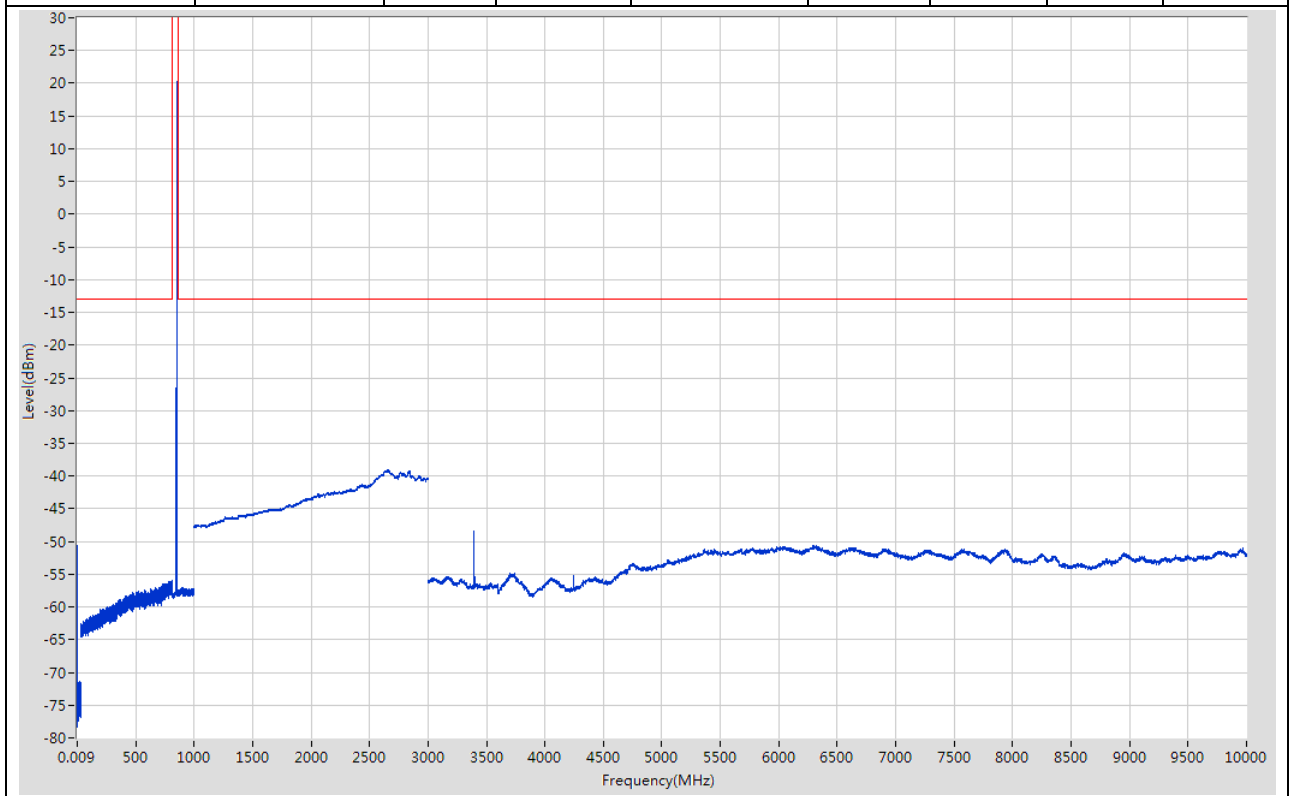| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.45	-13	Pass	2985
30	814	0.1	RMS	804.799	-55.88	-13	Pass	7840
814	860	0.1	RMS	837.767	19.28	60	Pass	601
860	1000	0.1	RMS	991.094	-57	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39	-13	Pass	2000
3000	10000	1	RMS	6045.435	-45.71	-13	Pass	7000

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

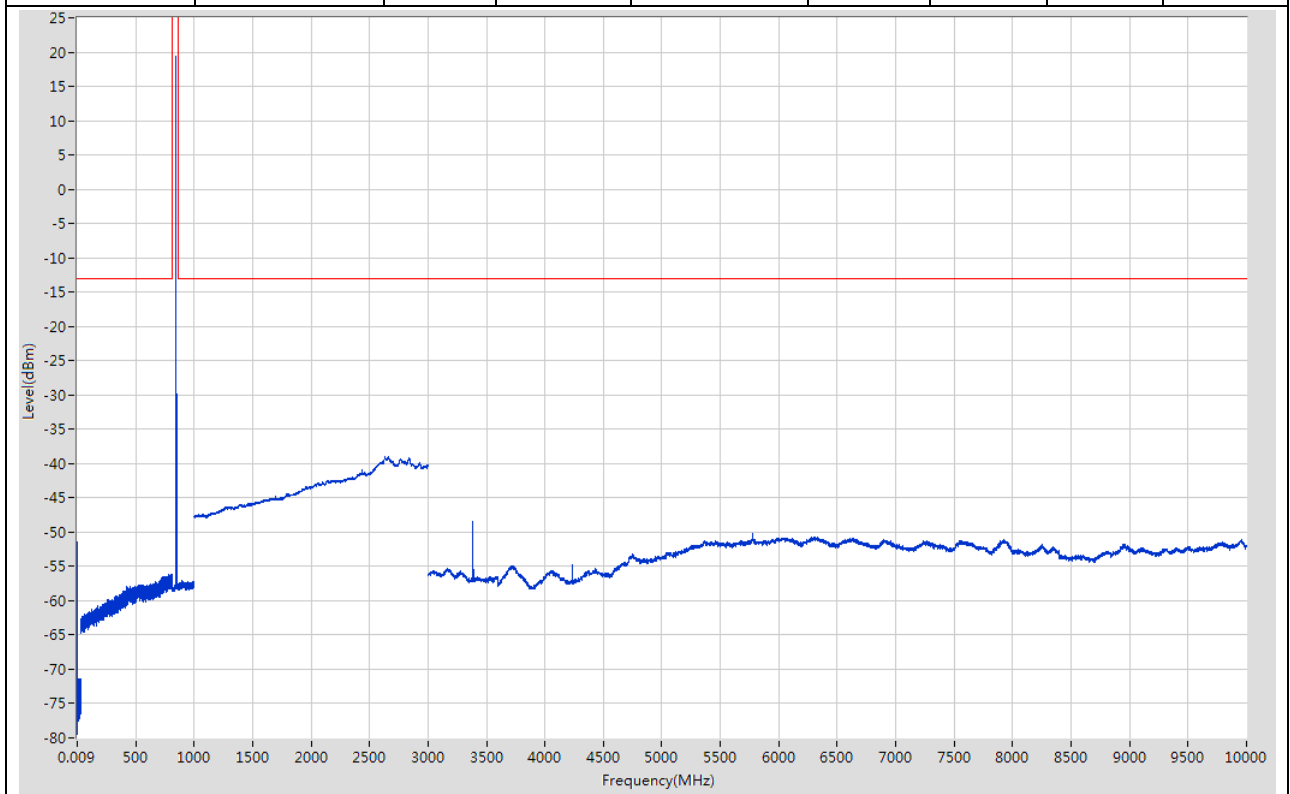| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.48	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.9	-13	Pass	2985
30	814	0.1	RMS	806.499	-55.87	-13	Pass	7840
814	860	0.1	RMS	846.277	20.11	60	Pass	601
860	1000	0.1	RMS	900.429	-56.97	-13	Pass	1400
1000	3000	1	RMS	2629.815	-39.05	-13	Pass	2000
3000	10000	1	RMS	3385.055	-47.4	-13	Pass	7000

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

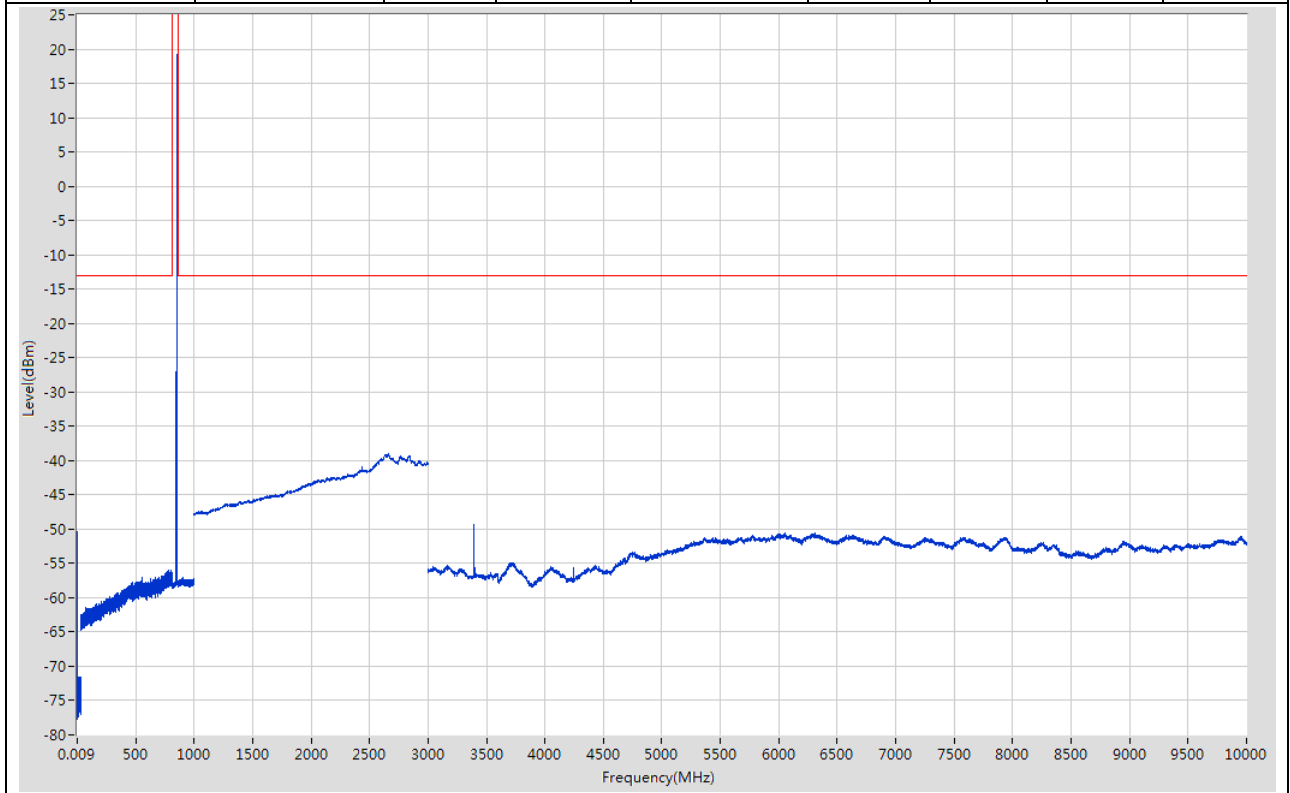| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.66	-13	Pass	2985
30	814	0.1	RMS	812.9	-55.97	-13	Pass	7840
814	860	0.1	RMS	848.73	20.19	60	Pass	601
860	1000	0.1	RMS	895.425	-57.05	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.1	-13	Pass	2000
3000	10000	1	RMS	3395.056	-48.44	-13	Pass	7000

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

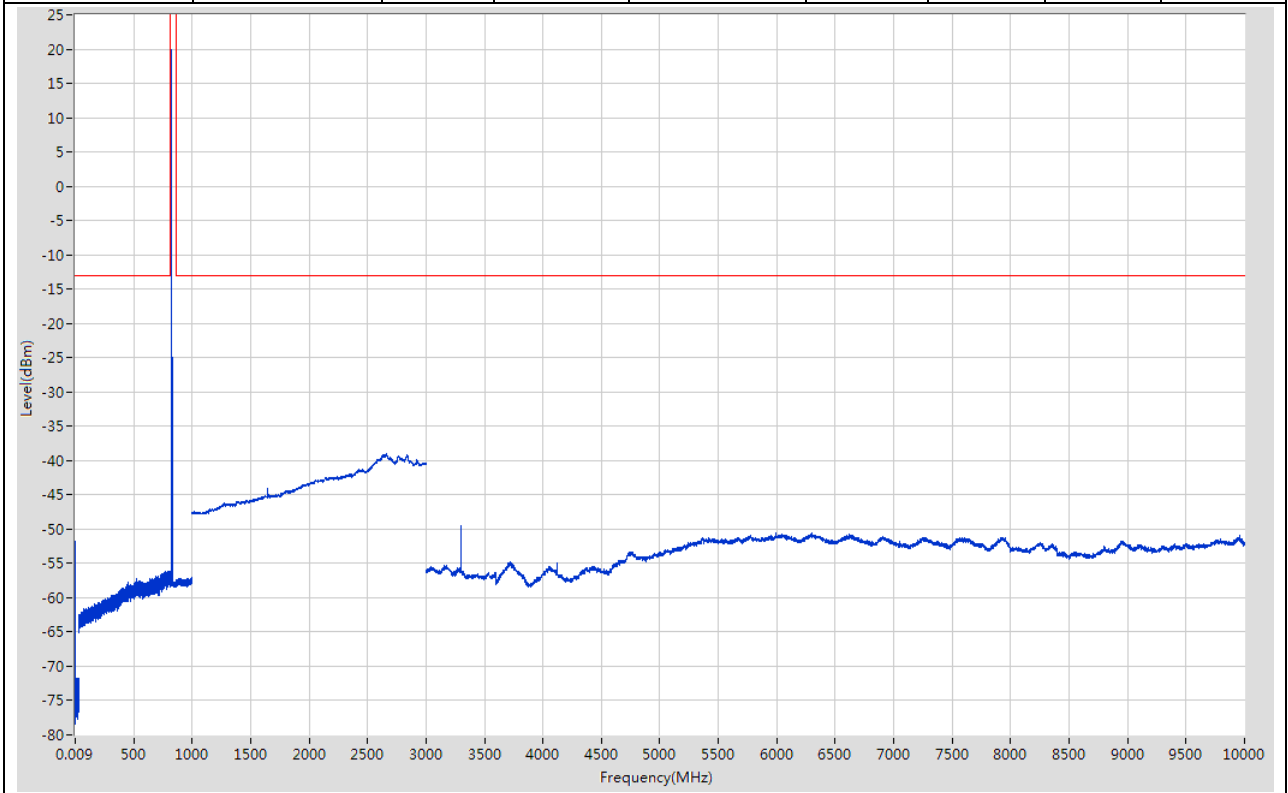| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.45	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.36	-13	Pass	2985
30	814	0.1	RMS	796.698	-56.11	-13	Pass	7840
814	860	0.1	RMS	846.277	19.33	60	Pass	601
860	1000	0.1	RMS	899.228	-57.06	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.06	-13	Pass	2000
3000	10000	1	RMS	3385.055	-48.52	-13	Pass	7000

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

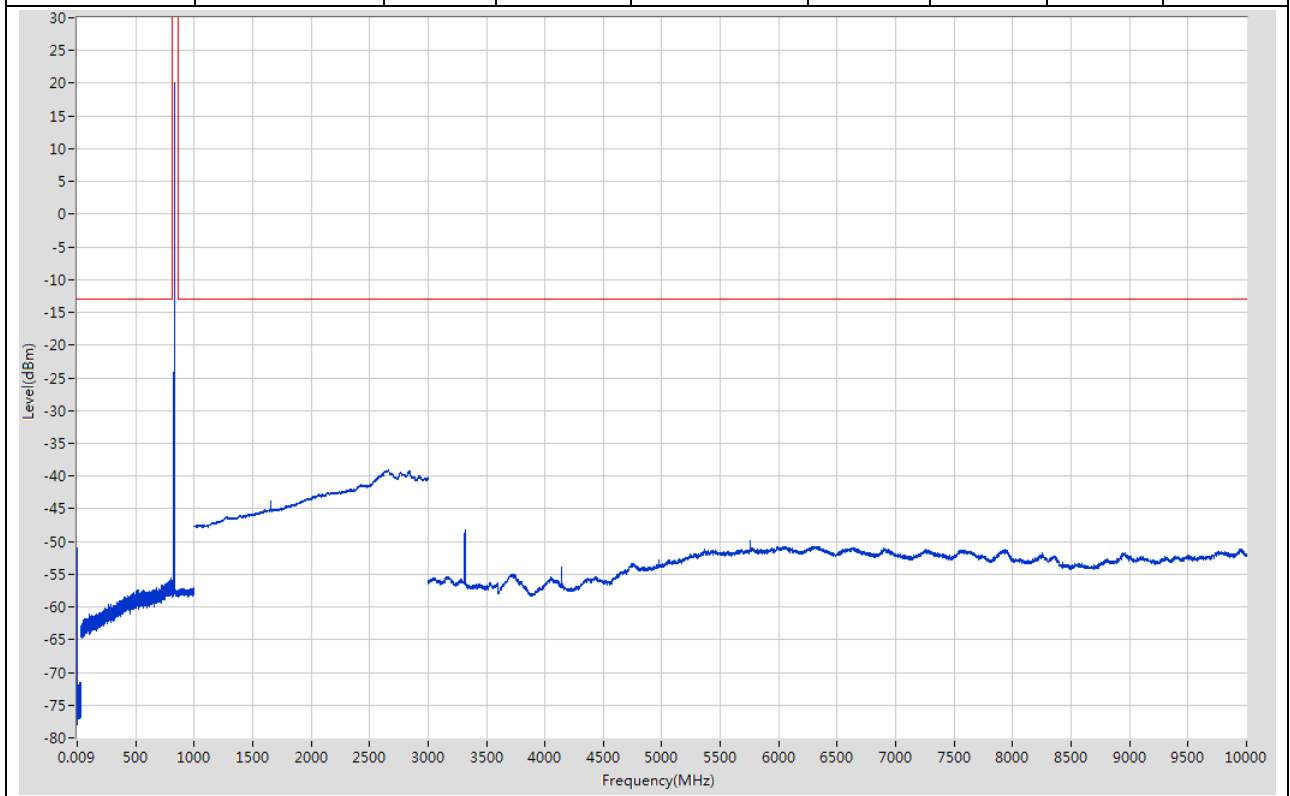| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.65	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.44	-13	Pass	2985
30	814	0.1	RMS	779.996	-55.98	-13	Pass	7840
814	860	0.1	RMS	848.73	19.29	60	Pass	601
860	1000	0.1	RMS	900.329	-57.12	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.04	-13	Pass	2000
3000	10000	1	RMS	3395.056	-49.29	-13	Pass	7000

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

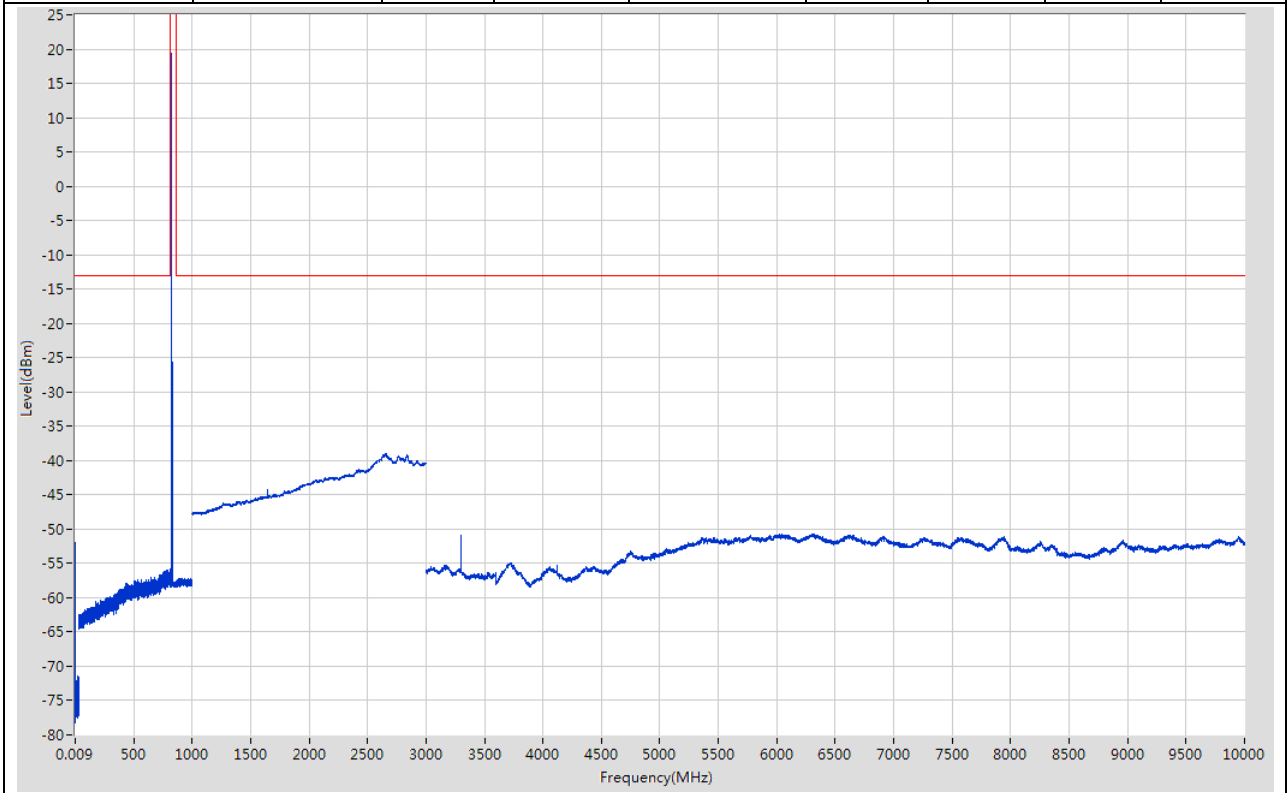| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.76	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.71	-13	Pass	2985
30	814	0.1	RMS	788.097	-56.09	-13	Pass	7840
814	860	0.1	RMS	824.35	19.99	60	Pass	601
860	1000	0.1	RMS	999.8	-57.12	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.06	-13	Pass	2000
3000	10000	1	RMS	3297.042	-49.56	-13	Pass	7000

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

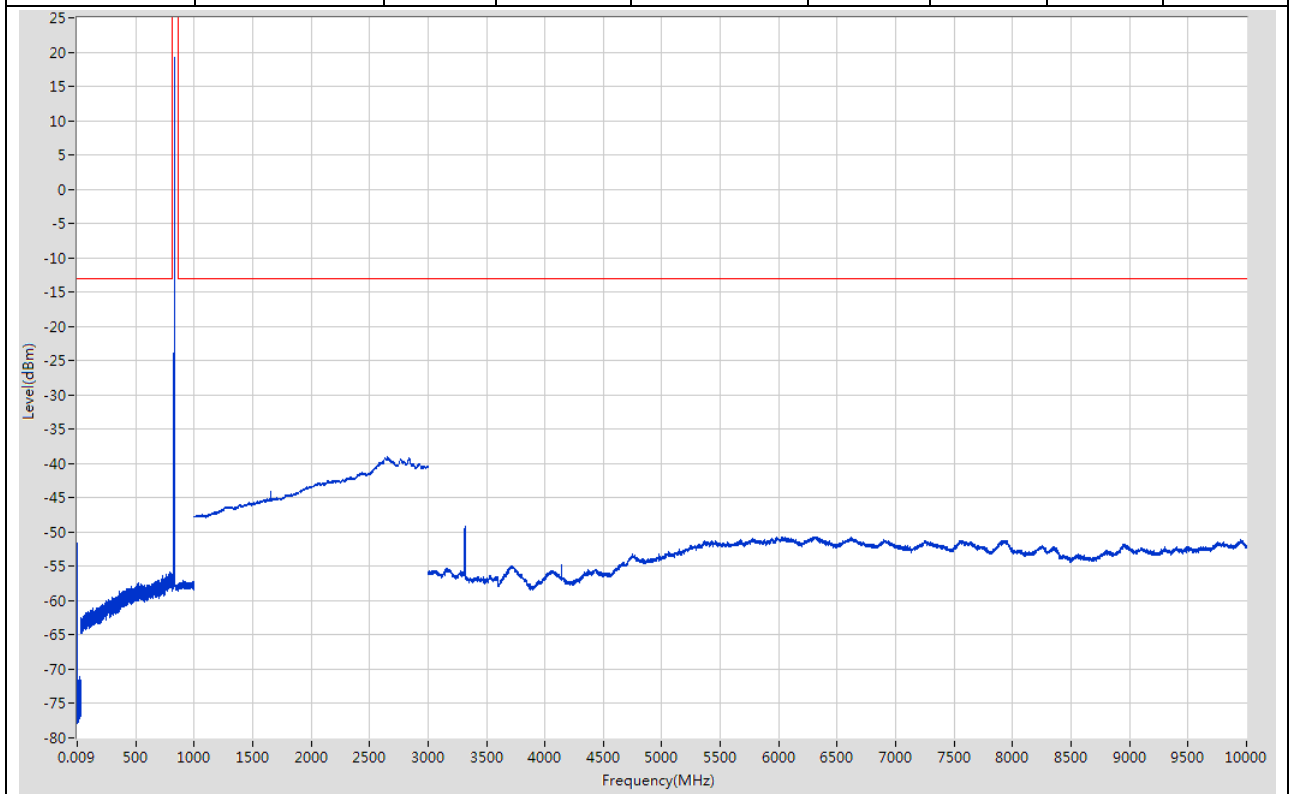| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.04	-13	Pass	2985
30	814	0.1	RMS	806.499	-55.62	-13	Pass	7840
814	860	0.1	RMS	828.643	20.1	60	Pass	601
860	1000	0.1	RMS	994.396	-57.05	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.03	-13	Pass	2000
3000	10000	1	RMS	3315.045	-48.2	-13	Pass	7000

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

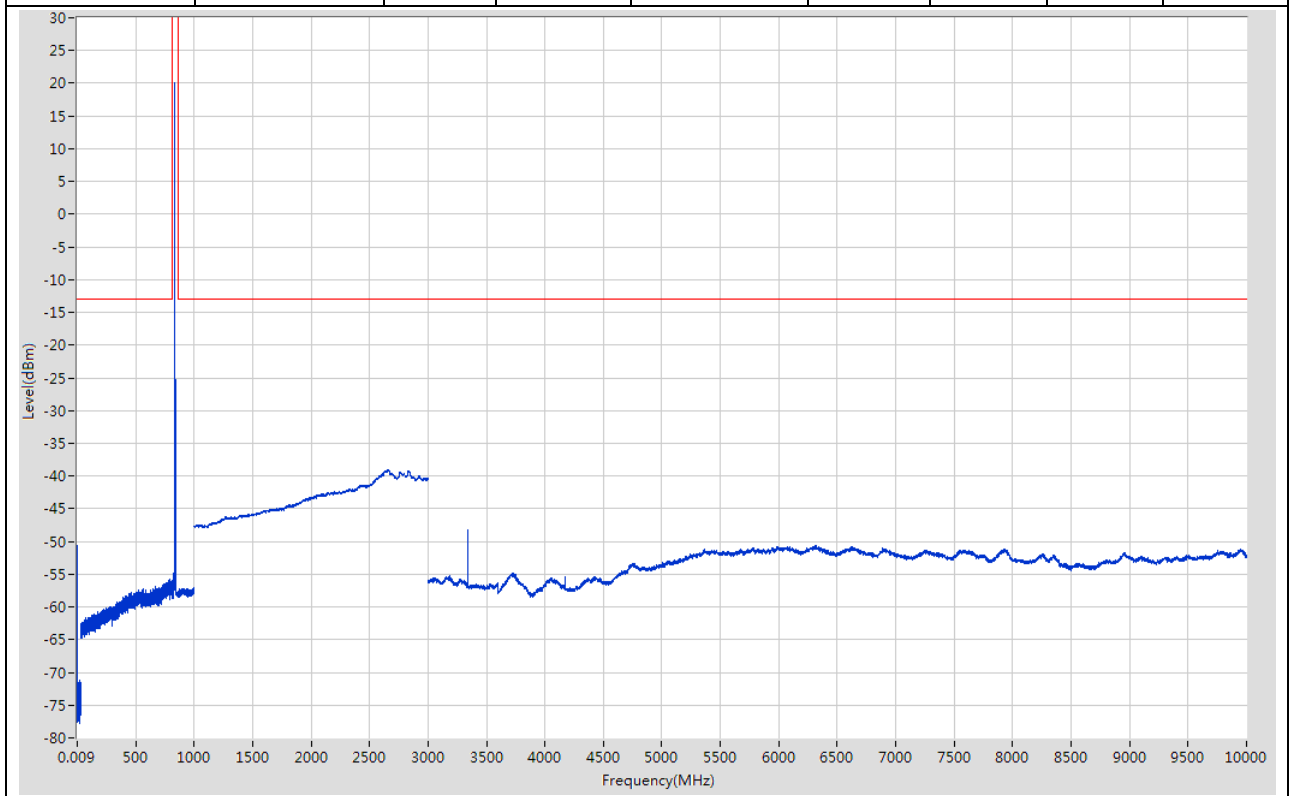| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.01	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.35	-13	Pass	2985
30	814	0.1	RMS	807.399	-55.87	-13	Pass	7840
814	860	0.1	RMS	824.35	19.31	60	Pass	601
860	1000	0.1	RMS	888.02	-57.16	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.05	-13	Pass	2000
3000	10000	1	RMS	6301.472	-50.66	-13	Pass	7000

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

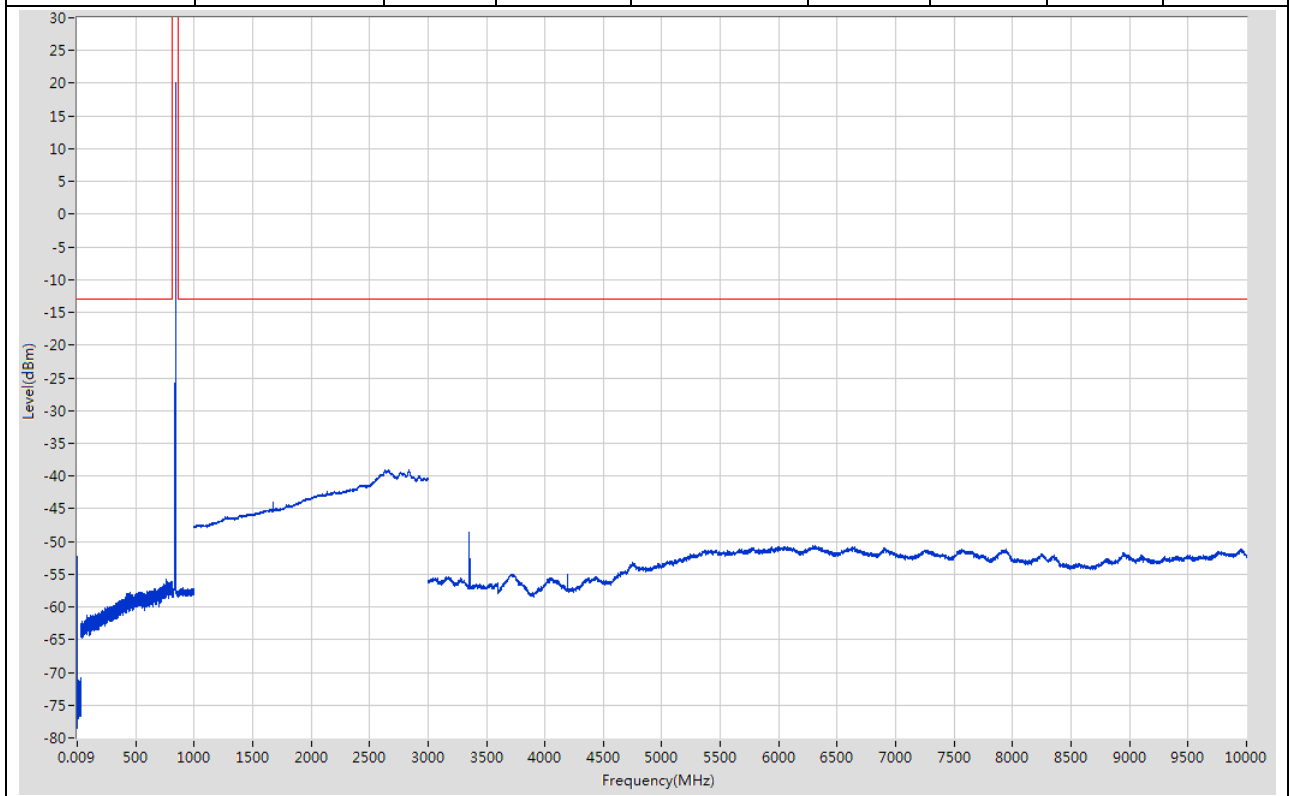| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-51.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.13	-13	Pass	2985
30	814	0.1	RMS	789.297	-55.88	-13	Pass	7840
814	860	0.1	RMS	828.643	19.28	60	Pass	601
860	1000	0.1	RMS	899.428	-57.02	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.05	-13	Pass	2000
3000	10000	1	RMS	3315.045	-49.13	-13	Pass	7000

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

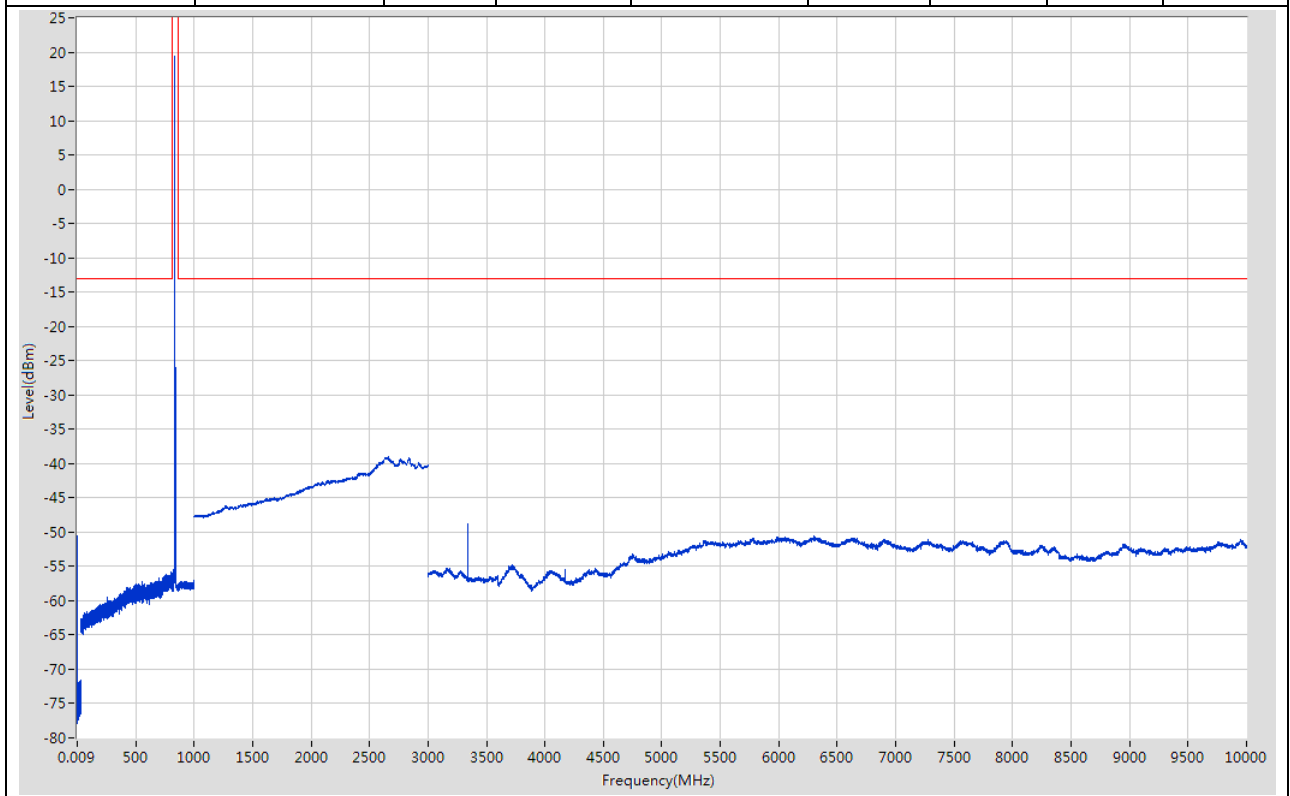| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.57	-13	Pass	2985
30	814	0.1	RMS	794.097	-55.84	-13	Pass	7840
814	860	0.1	RMS	834.317	20.06	60	Pass	601
860	1000	0.1	RMS	993.796	-57.1	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.09	-13	Pass	2000
3000	10000	1	RMS	3337.048	-48.26	-13	Pass	7000

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

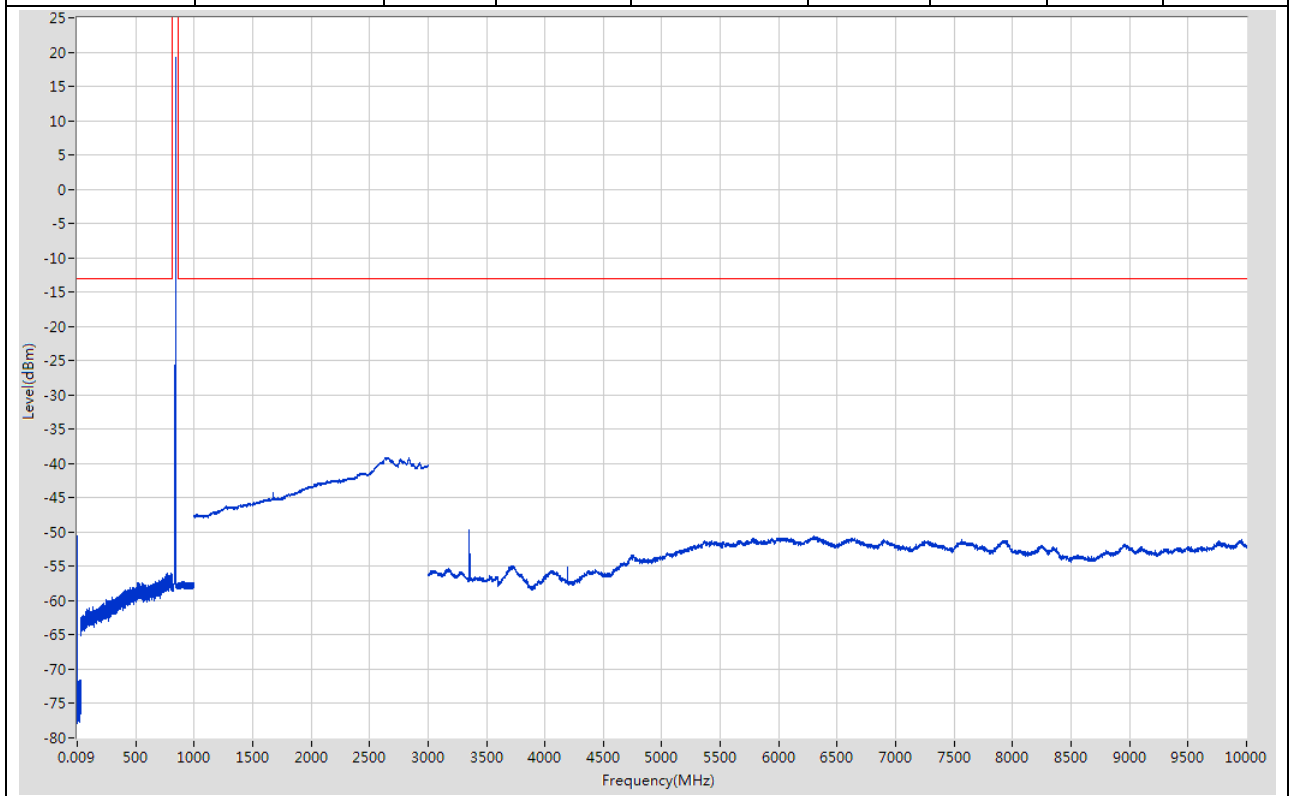| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.65	-13	Pass	601
0.15	30	0.01	RMS	0.17	-52.22	-13	Pass	2985
30	814	0.1	RMS	759.793	-55.84	-13	Pass	7840
814	860	0.1	RMS	838.687	20.05	60	Pass	601
860	1000	0.1	RMS	900.929	-57.11	-13	Pass	1400
1000	3000	1	RMS	2839.92	-39.07	-13	Pass	2000
3000	10000	1	RMS	3355.051	-48.68	-13	Pass	7000

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

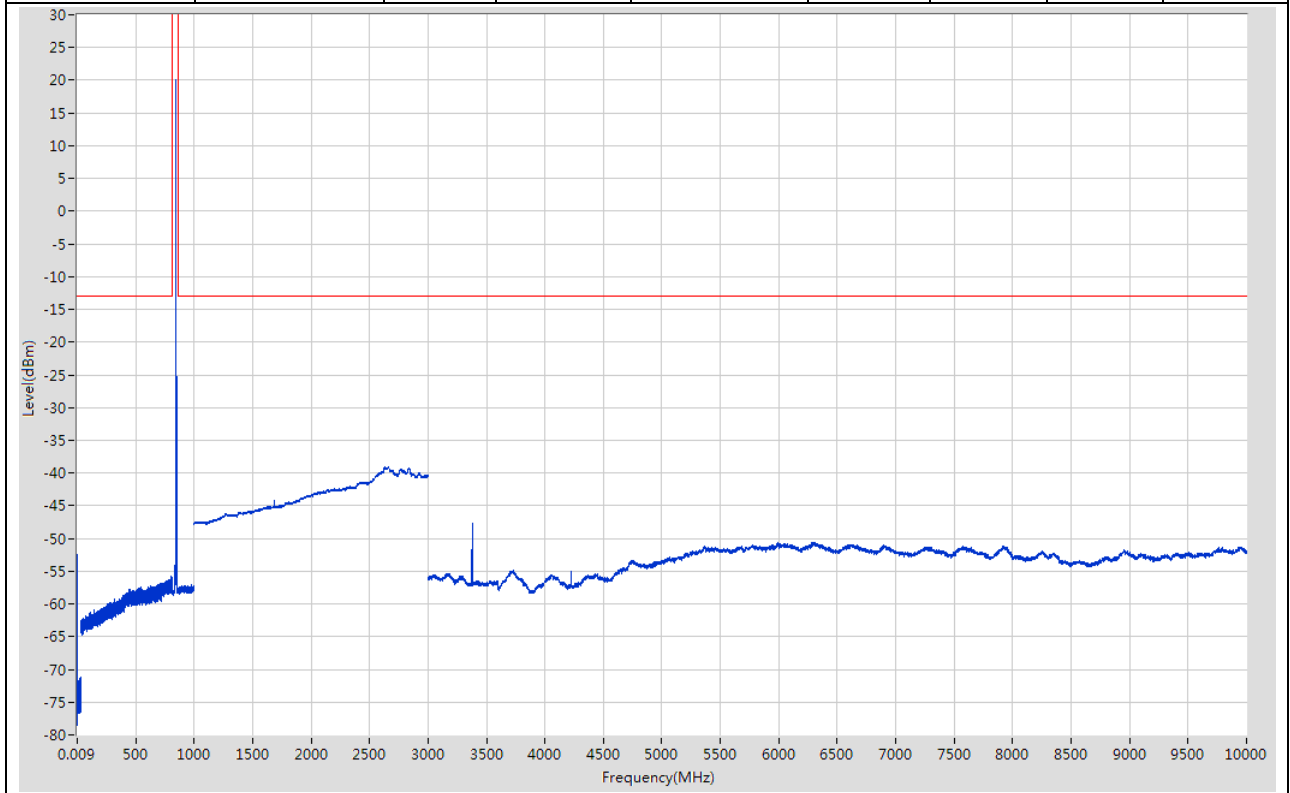| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.28	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.49	-13	Pass	2985
30	814	0.1	RMS	799.298	-55.78	-13	Pass	7840
814	860	0.1	RMS	834.317	19.43	60	Pass	601
860	1000	0.1	RMS	998.999	-56.99	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.02	-13	Pass	2000
3000	10000	1	RMS	3337.048	-48.87	-13	Pass	7000

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

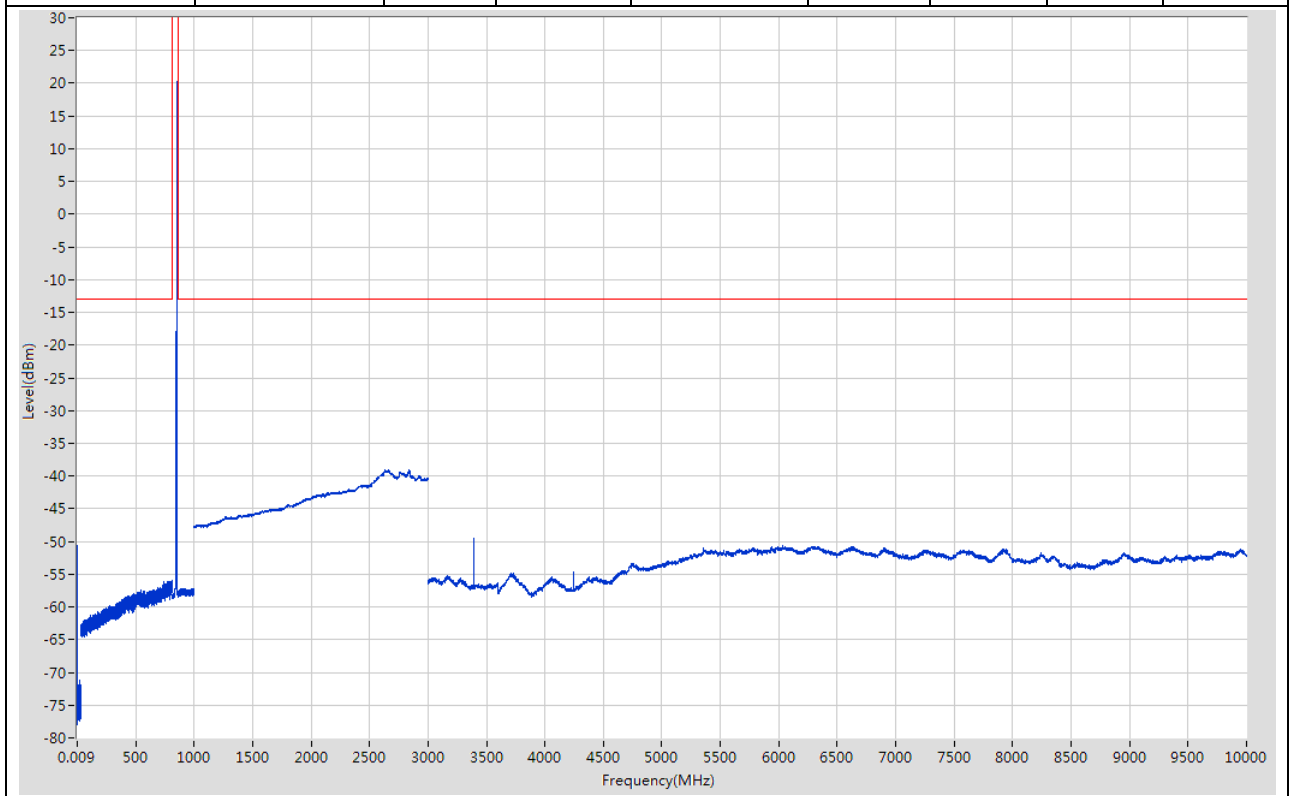| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-51.71	-13	Pass	601
0.15	30	0.01	RMS	0.16	-50.62	-13	Pass	2985
30	814	0.1	RMS	773.395	-55.99	-13	Pass	7840
814	860	0.1	RMS	838.687	19.24	60	Pass	601
860	1000	0.1	RMS	915.74	-57.15	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.12	-13	Pass	2000
3000	10000	1	RMS	3355.051	-49.73	-13	Pass	7000

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

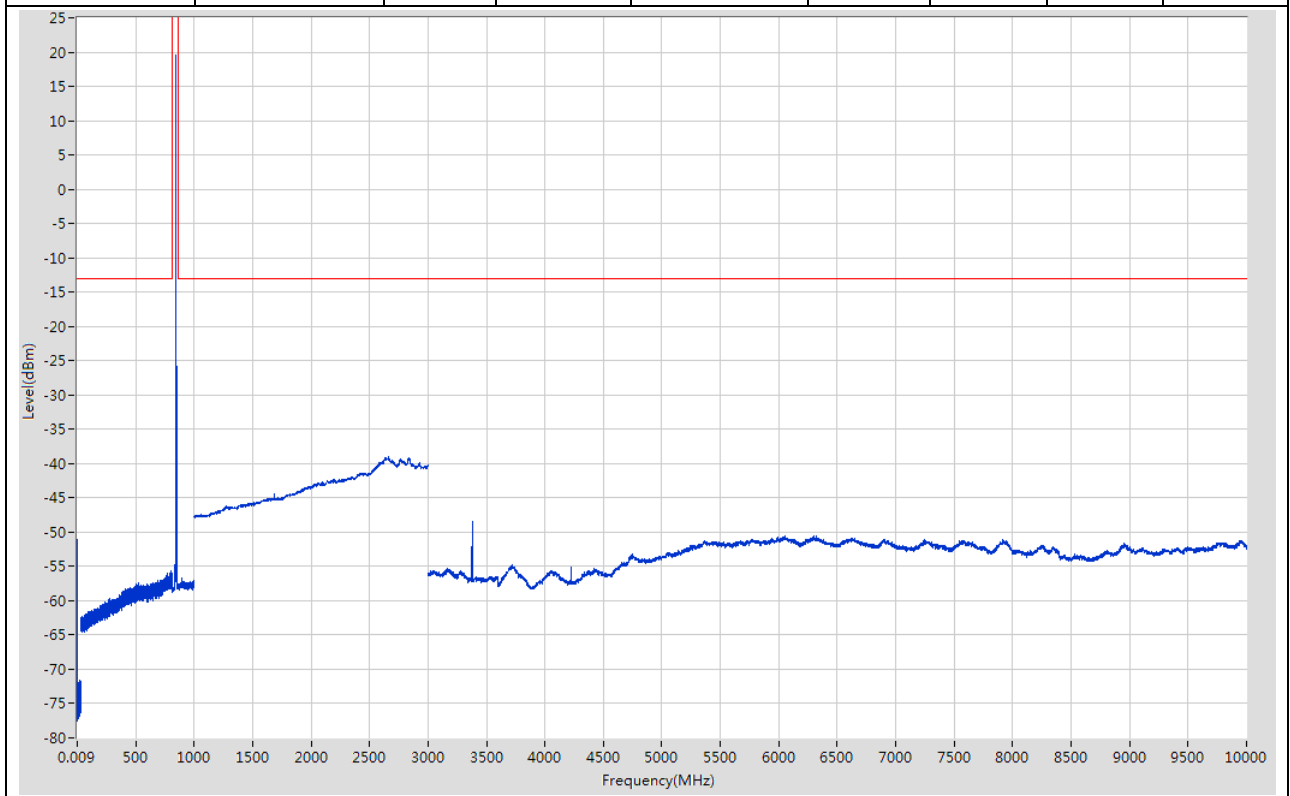| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.83	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.49	-13	Pass	2985
30	814	0.1	RMS	801.298	-55.83	-13	Pass	7840
814	860	0.1	RMS	844.36	20.17	60	Pass	601
860	1000	0.1	RMS	978.385	-57.13	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.09	-13	Pass	2000
3000	10000	1	RMS	3377.054	-47.64	-13	Pass	7000

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

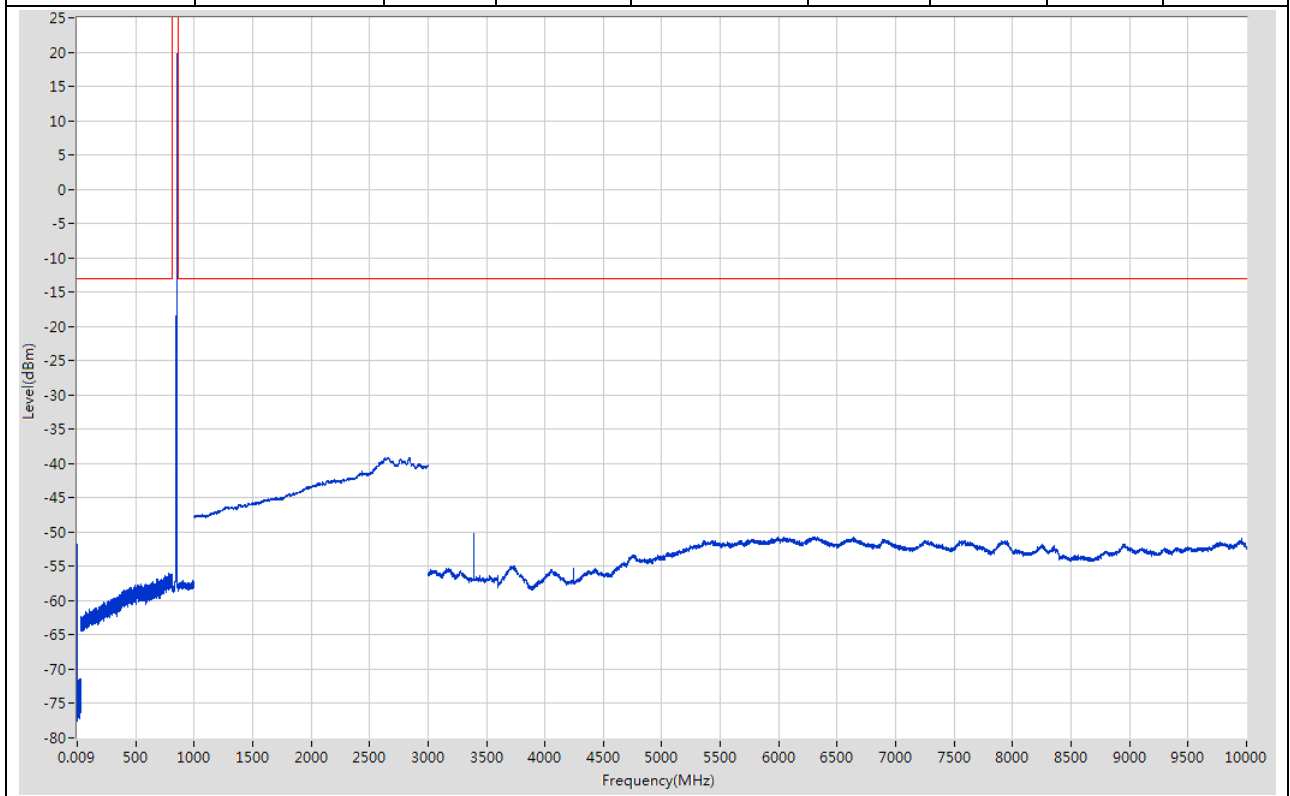| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.13	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.59	-13	Pass	2985
30	814	0.1	RMS	812.2	-55.87	-13	Pass	7840
814	860	0.1	RMS	848.653	20.25	60	Pass	601
860	1000	0.1	RMS	909.736	-57.21	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.04	-13	Pass	2000
3000	10000	1	RMS	3395.056	-49.43	-13	Pass	7000

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

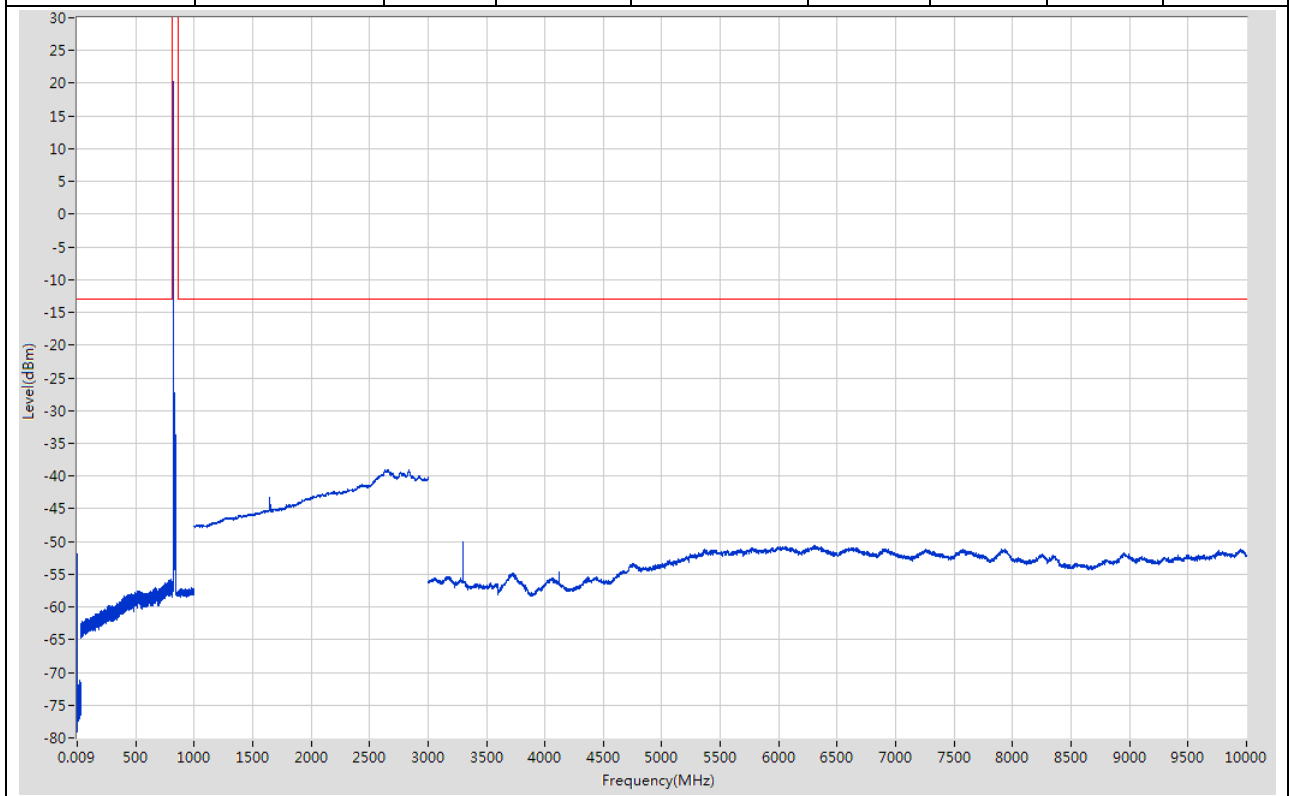| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.52	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.05	-13	Pass	2985
30	814	0.1	RMS	797.598	-55.72	-13	Pass	7840
814	860	0.1	RMS	844.36	19.55	60	Pass	601
860	1000	0.1	RMS	895.125	-56.64	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.04	-13	Pass	2000
3000	10000	1	RMS	3377.054	-48.53	-13	Pass	7000

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

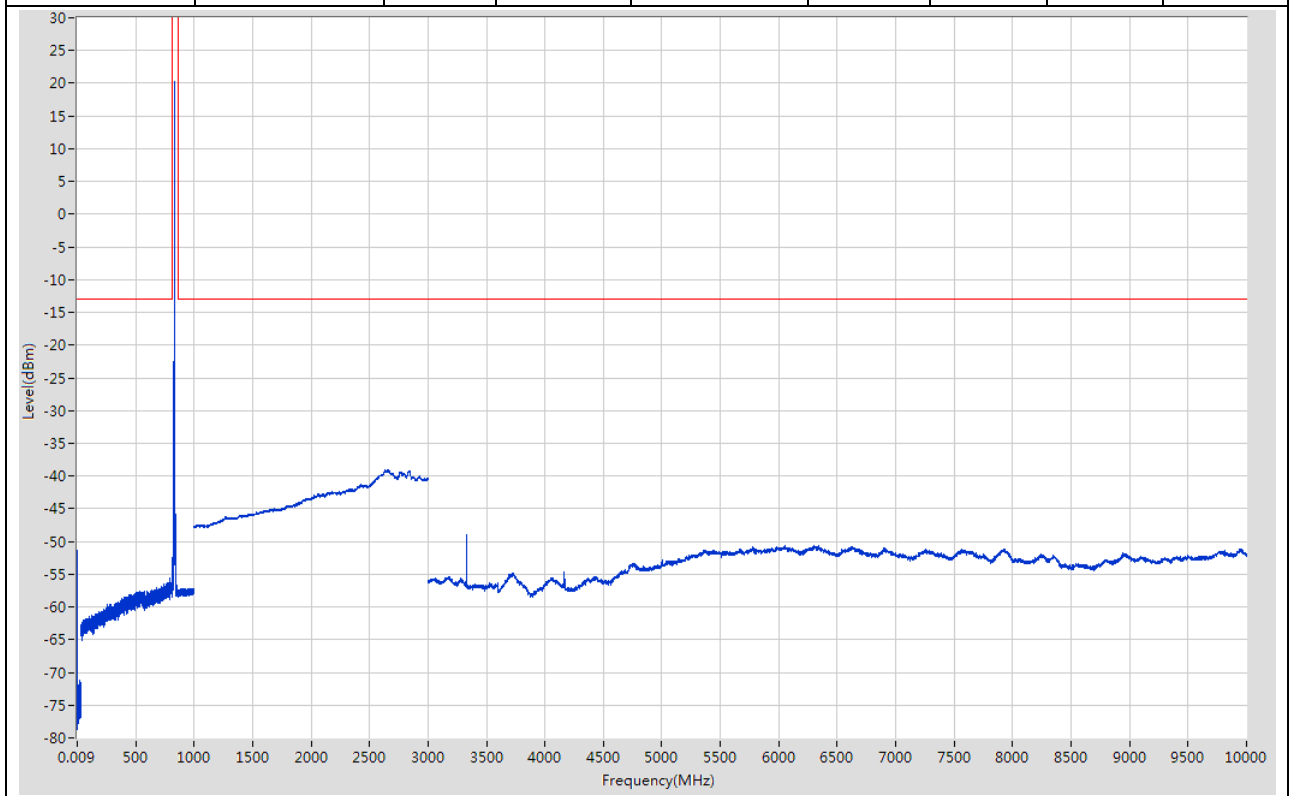| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.72	-13	Pass	2985
30	814	0.1	RMS	782.196	-56.02	-13	Pass	7840
814	860	0.1	RMS	848.653	19.7	60	Pass	601
860	1000	0.1	RMS	988.792	-57.04	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.09	-13	Pass	2000
3000	10000	1	RMS	3395.056	-50.16	-13	Pass	7000

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

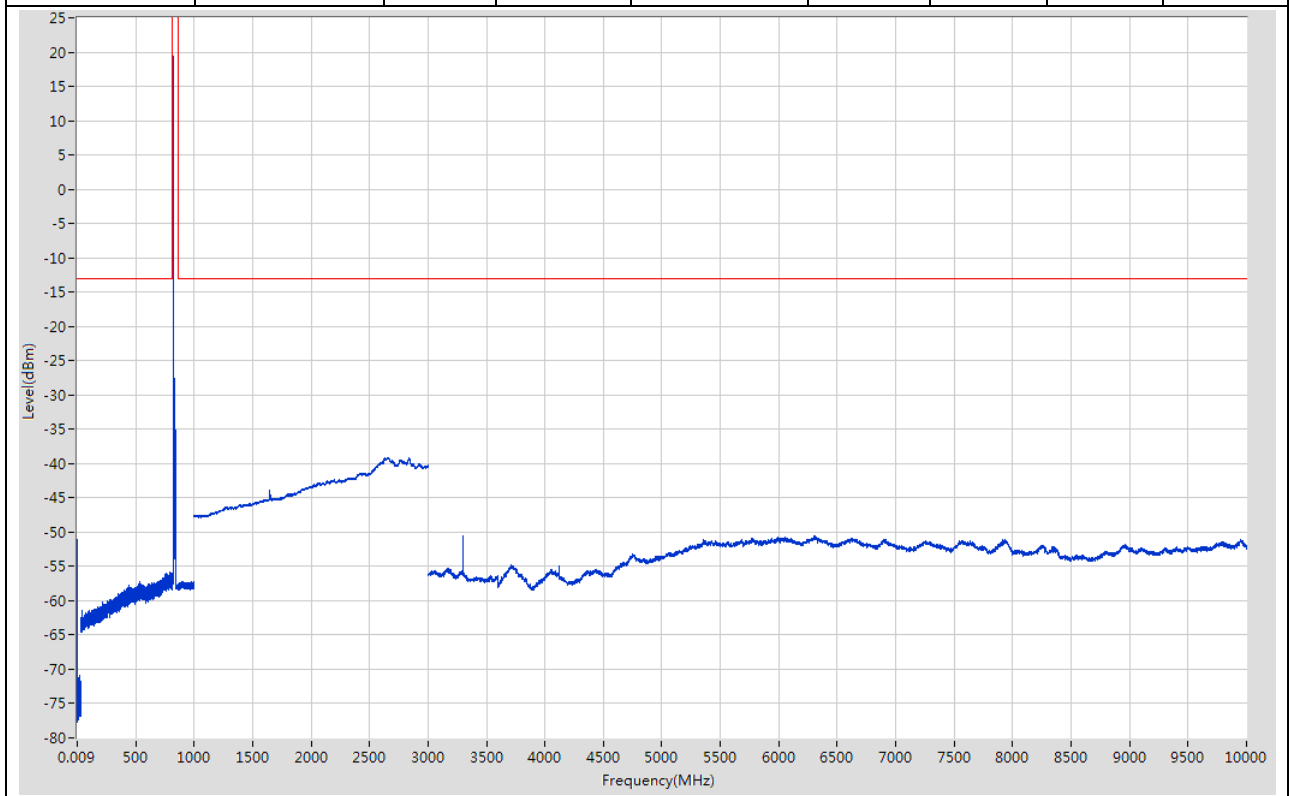| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.27	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.92	-13	Pass	2985
30	814	0.1	RMS	806.099	-55.85	-13	Pass	7840
814	860	0.1	RMS	824.58	20.18	60	Pass	601
860	1000	0.1	RMS	971.58	-57.13	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39	-13	Pass	2000
3000	10000	1	RMS	3298.043	-50.13	-13	Pass	7000

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

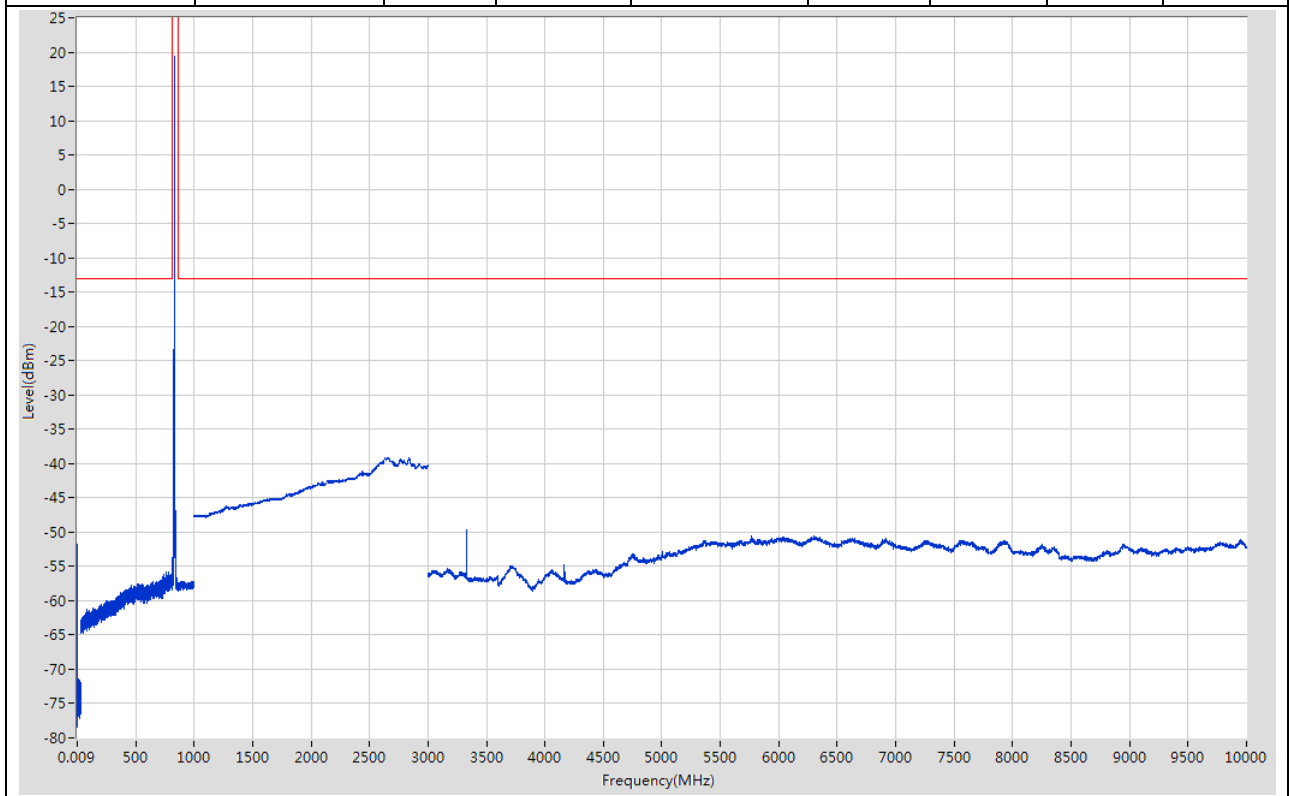| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.33	-13	Pass	2985
30	814	0.1	RMS	786.697	-55.66	-13	Pass	7840
814	860	0.1	RMS	833.397	20.33	60	Pass	601
860	1000	0.1	RMS	907.534	-57.15	-13	Pass	1400
1000	3000	1	RMS	2659.83	-38.99	-13	Pass	2000
3000	10000	1	RMS	3334.048	-49	-13	Pass	7000

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

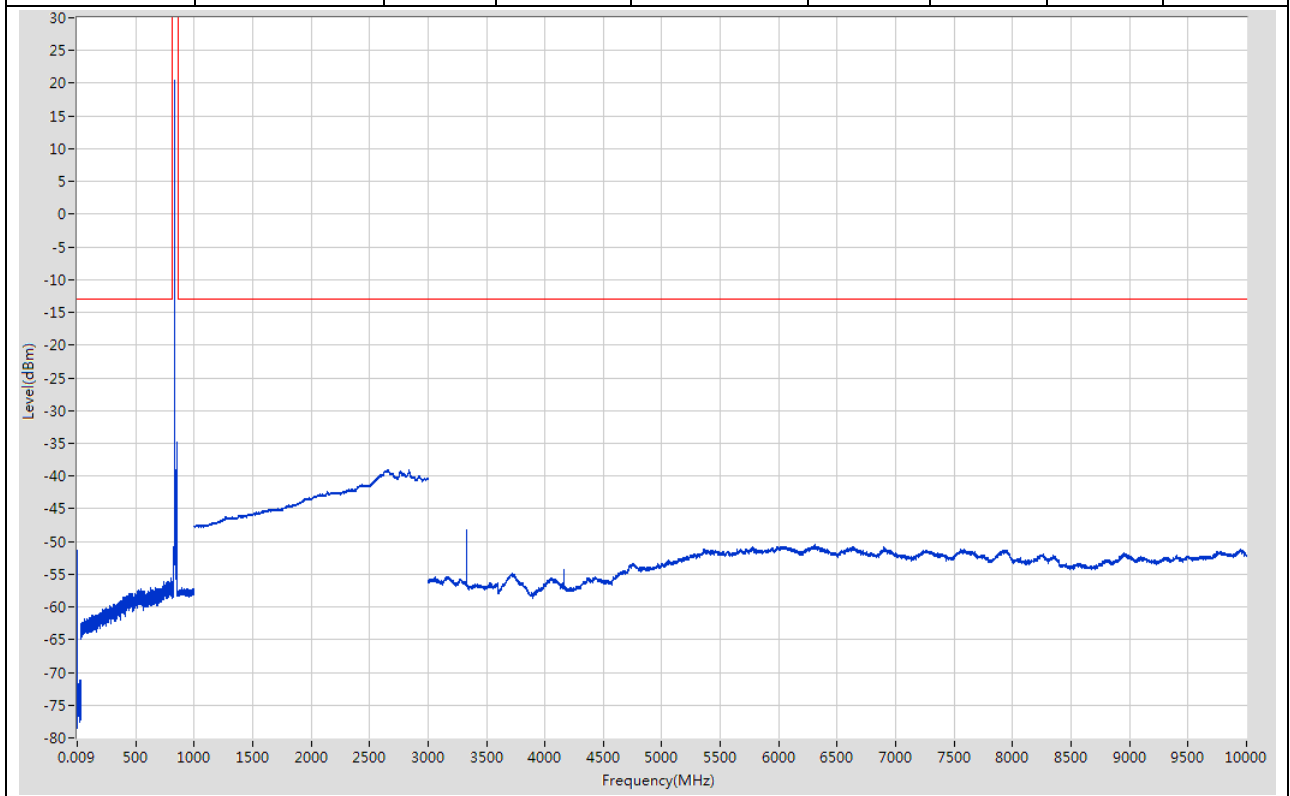| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.87	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.02	-13	Pass	2985
30	814	0.1	RMS	787.797	-55.81	-13	Pass	7840
814	860	0.1	RMS	824.58	19.35	60	Pass	601
860	1000	0.1	RMS	997.698	-57.22	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.1	-13	Pass	2000
3000	10000	1	RMS	6296.471	-50.5	-13	Pass	7000

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

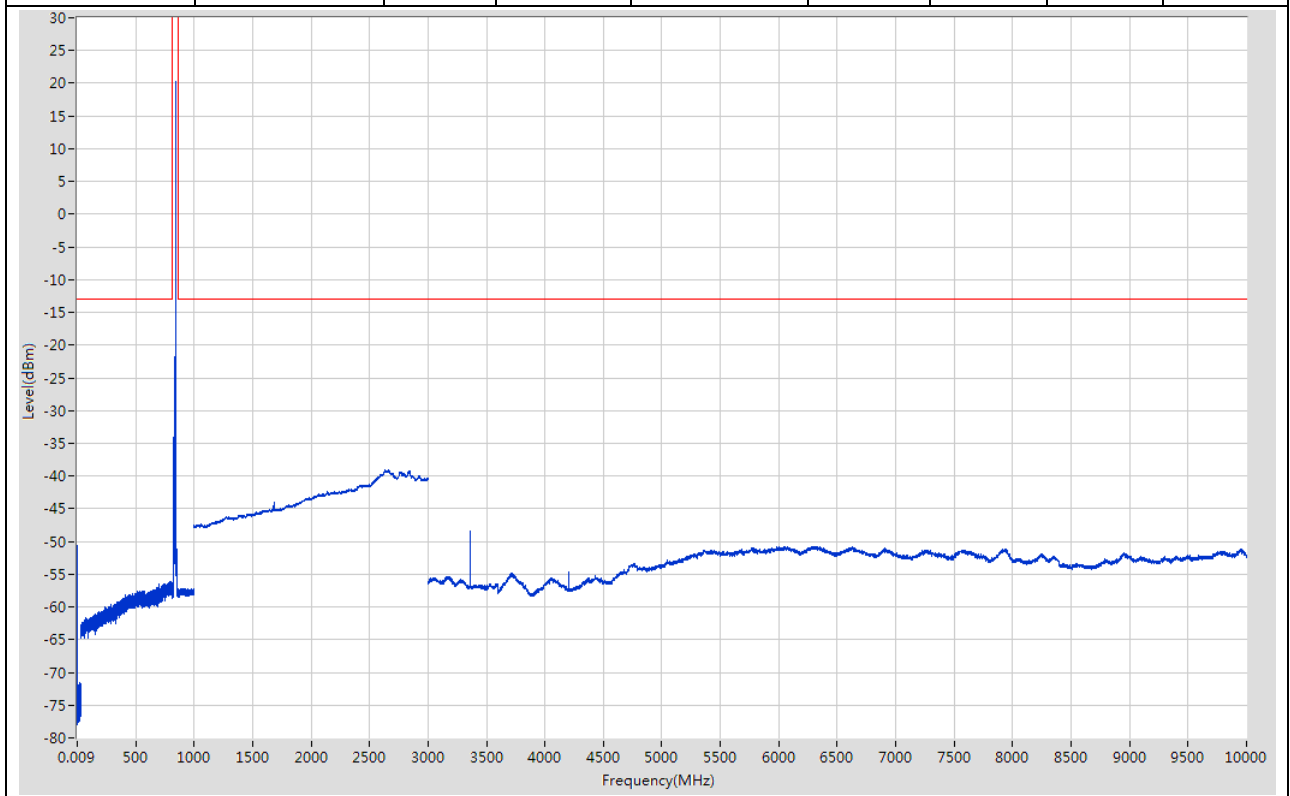| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.28	-13	Pass	601
0.15	30	0.01	RMS	0.17	-51.72	-13	Pass	2985
30	814	0.1	RMS	778.595	-55.83	-13	Pass	7840
814	860	0.1	RMS	833.397	19.44	60	Pass	601
860	1000	0.1	RMS	978.985	-57.23	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.09	-13	Pass	2000
3000	10000	1	RMS	3334.048	-49.62	-13	Pass	7000

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

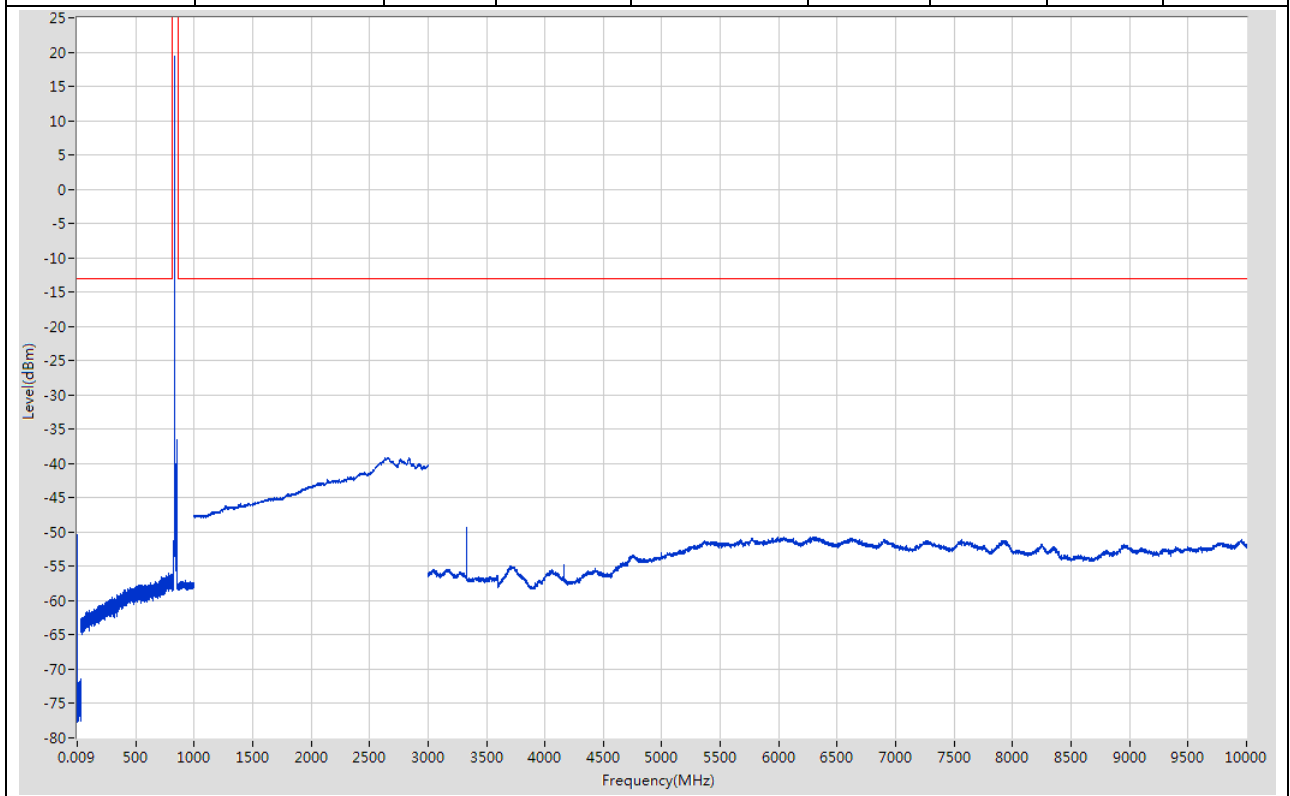| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.22	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-13	Pass	2985
30	814	0.1	RMS	806.199	-55.64	-13	Pass	7840
814	860	0.1	RMS	832.093	20.38	60	Pass	601
860	1000	0.1	RMS	897.327	-57.11	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.05	-13	Pass	2000
3000	10000	1	RMS	3328.047	-48.14	-13	Pass	7000

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

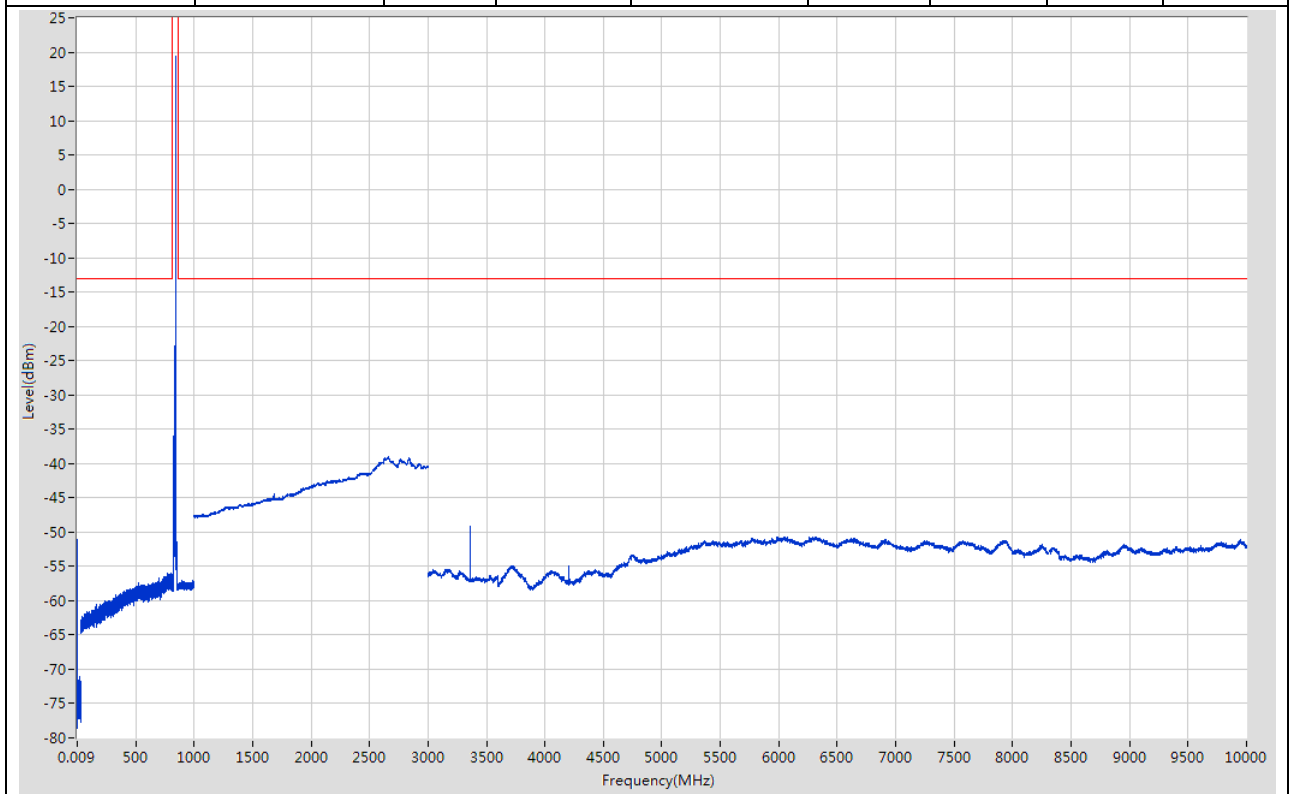| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.78	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.64	-13	Pass	2985
30	814	0.1	RMS	795.698	-56.06	-13	Pass	7840
814	860	0.1	RMS	840.91	20.34	60	Pass	601
860	1000	0.1	RMS	940.758	-57.19	-13	Pass	1400
1000	3000	1	RMS	2629.815	-39.01	-13	Pass	2000
3000	10000	1	RMS	3364.052	-48.36	-13	Pass	7000

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

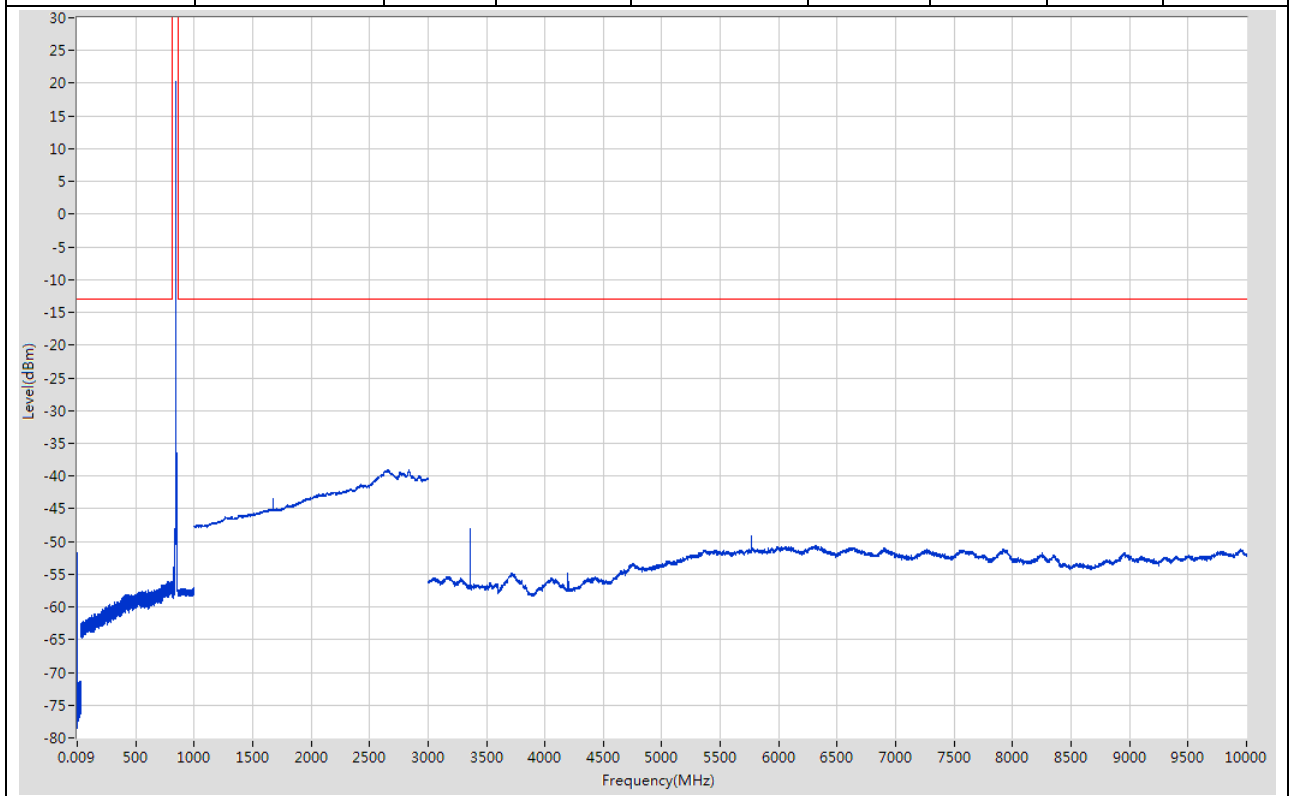| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.33	-13	Pass	2985
30	814	0.1	RMS	786.196	-56.06	-13	Pass	7840
814	860	0.1	RMS	832.093	19.46	60	Pass	601
860	1000	0.1	RMS	921.744	-57.1	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.1	-13	Pass	2000
3000	10000	1	RMS	3328.047	-49.39	-13	Pass	7000

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

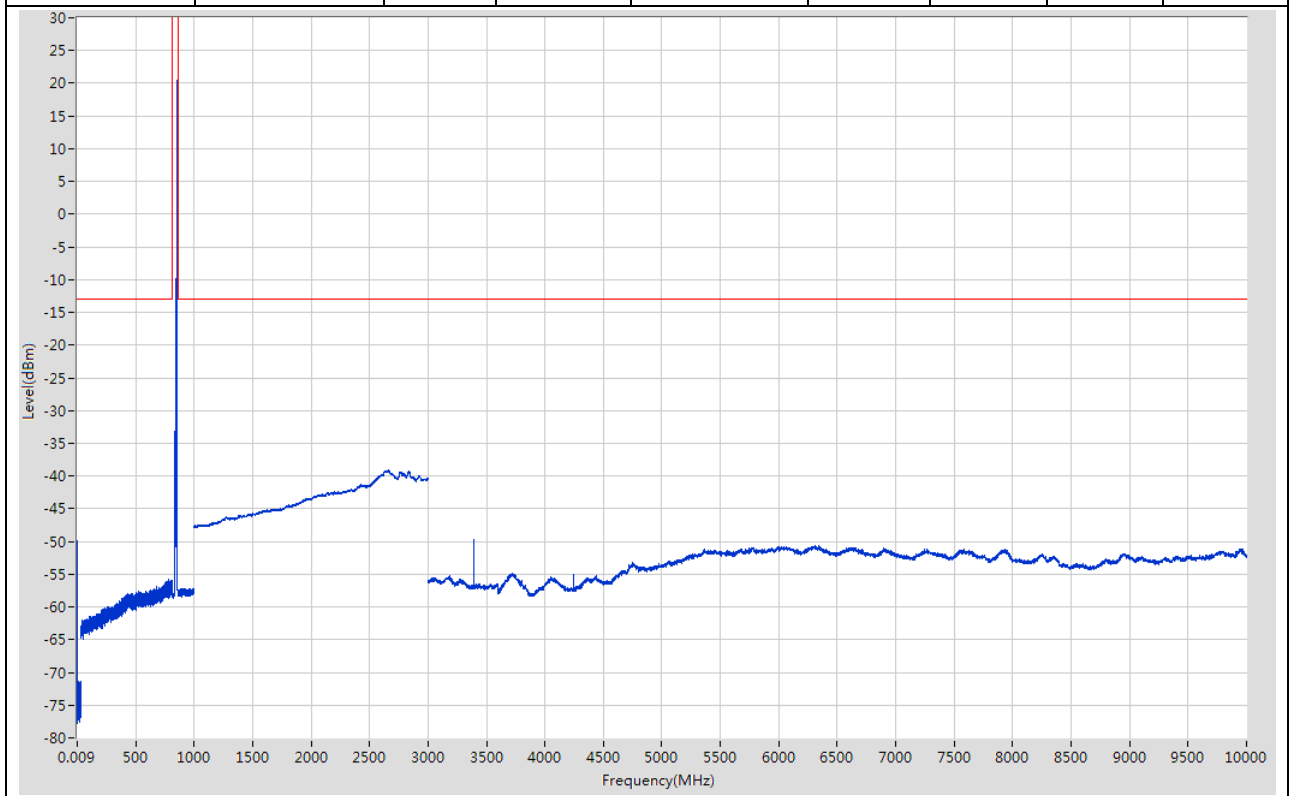| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.15	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.13	-13	Pass	2985
30	814	0.1	RMS	767.694	-55.9	-13	Pass	7840
814	860	0.1	RMS	840.91	19.36	60	Pass	601
860	1000	0.1	RMS	892.223	-57.05	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.06	-13	Pass	2000
3000	10000	1	RMS	3364.052	-49.08	-13	Pass	7000

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

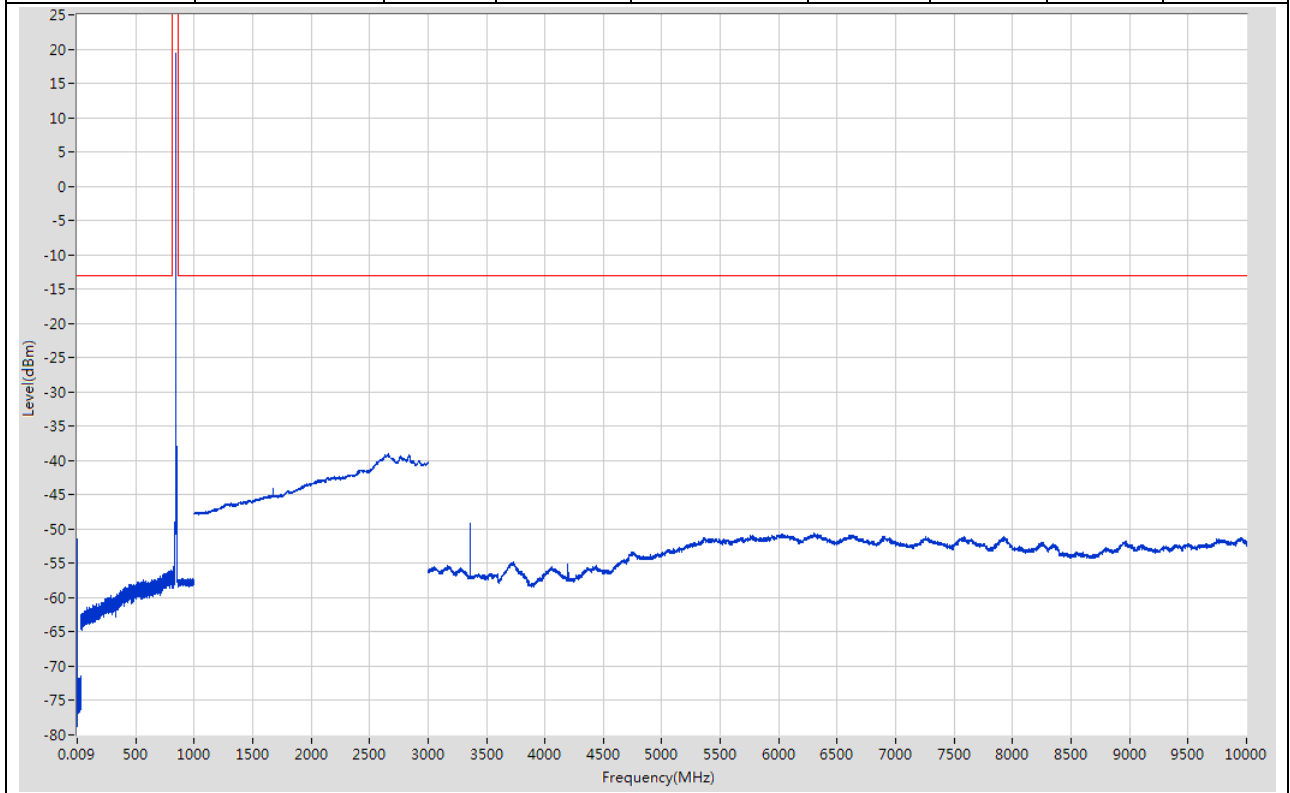| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.77	-13	Pass	2985
30	814	0.1	RMS	810.3	-56.07	-13	Pass	7840
814	860	0.1	RMS	839.607	20.27	60	Pass	601
860	1000	0.1	RMS	998.499	-57.13	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.06	-13	Pass	2000
3000	10000	1	RMS	3358.051	-48.11	-13	Pass	7000

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

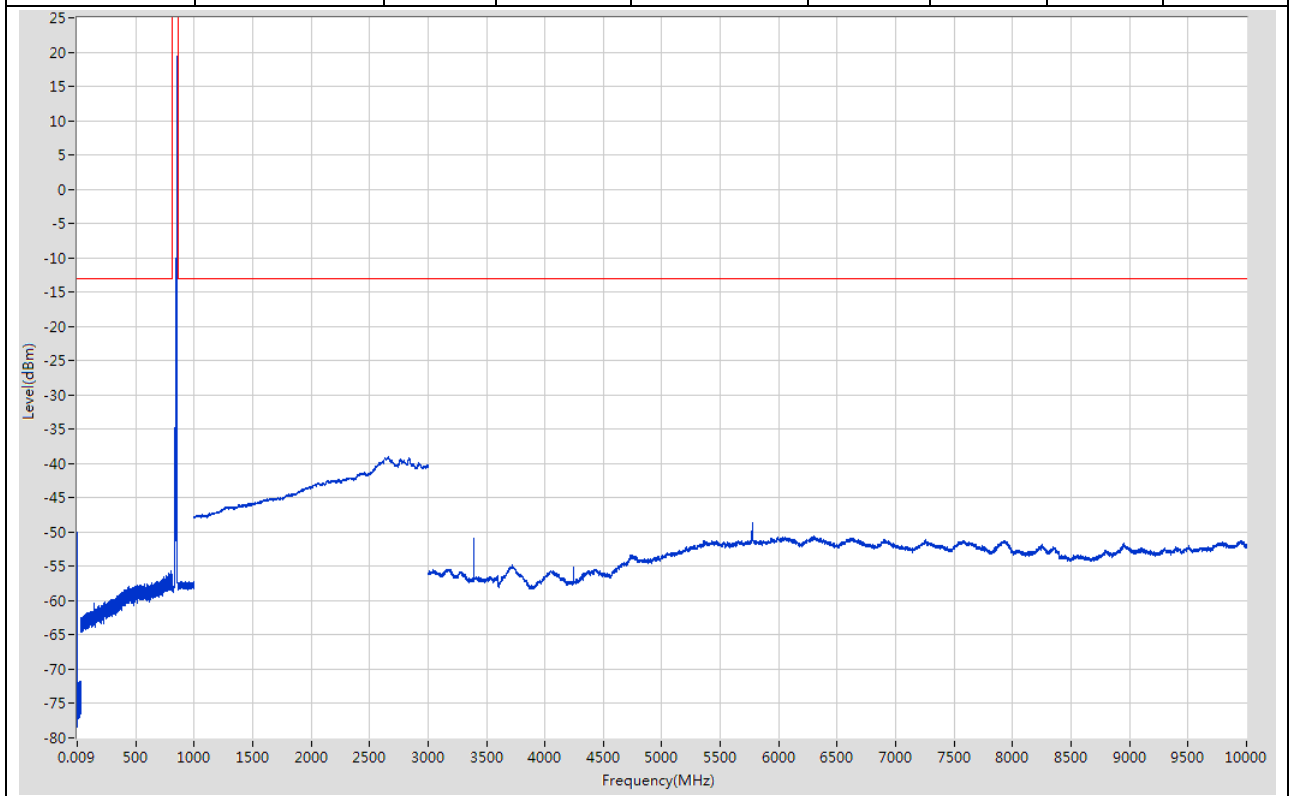| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.29	-13	Pass	601
0.15	30	0.01	RMS	0.15	-49.91	-13	Pass	2985
30	814	0.1	RMS	784.196	-55.8	-13	Pass	7840
814	860	0.1	RMS	848.423	20.43	60	Pass	601
860	1000	0.1	RMS	903.031	-57.16	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39	-13	Pass	2000
3000	10000	1	RMS	3394.056	-49.66	-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	0.013	-53.08	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.43	-13	Pass	2985
30	814	0.1	RMS	800.998	-55.92	-13	Pass	7840
814	860	0.1	RMS	839.607	19.39	60	Pass	601
860	1000	0.1	RMS	894.224	-57.18	-13	Pass	1400
1000	3000	1	RMS	2661.831	-38.99	-13	Pass	2000
3000	10000	1	RMS	3358.051	-49.23	-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	0.009	-52.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-49.97	-13	Pass	2985
30	814	0.1	RMS	805.699	-55.55	-13	Pass	7840
814	860	0.1	RMS	848.423	19.42	60	Pass	601
860	1000	0.1	RMS	899.128	-57.18	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.04	-13	Pass	2000
3000	10000	1	RMS	5771.396	-48.63	-13	Pass	7000

END