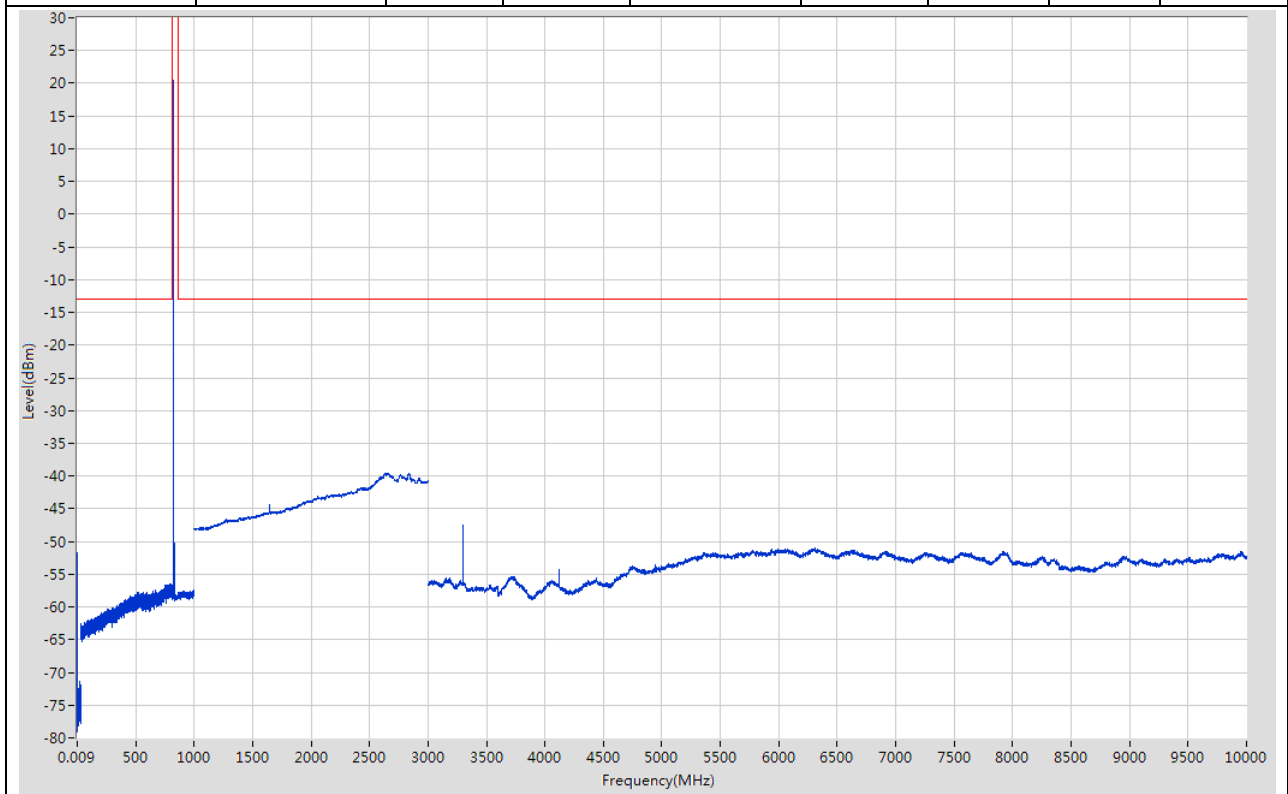# Annex C. LTE Transmitter Spurious Emissions
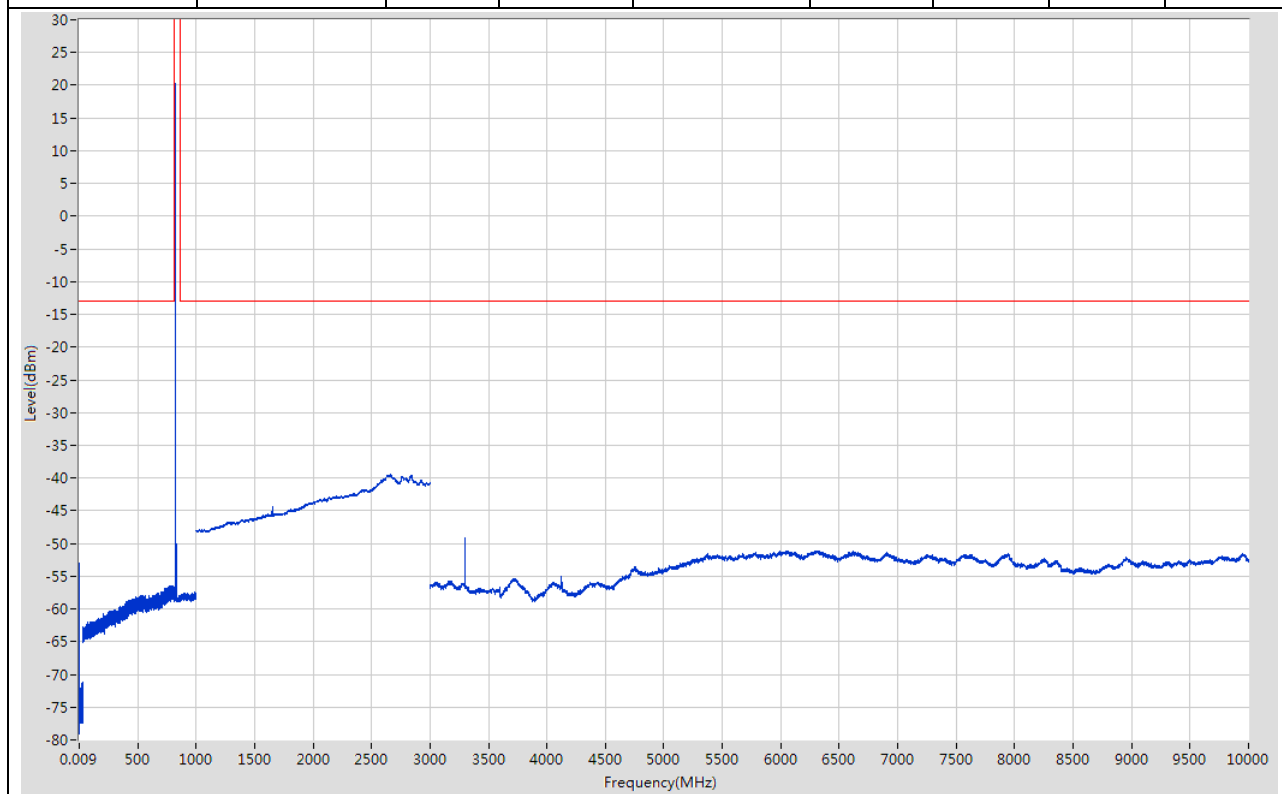
1. LTE_Band5

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

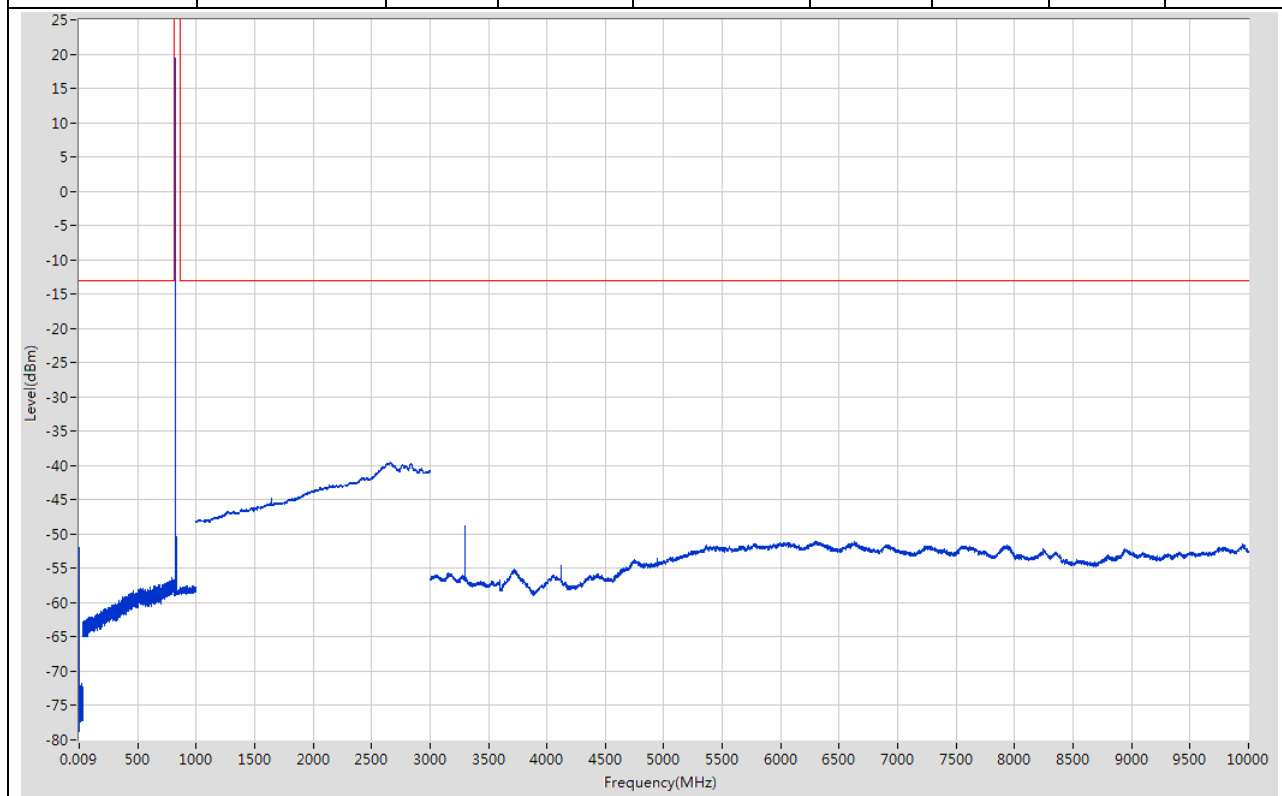| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.42	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.67	-13	Pass	2985
30	814	0.1	RMS	796.598	-56.51	-13	Pass	7840
814	860	0.1	RMS	824.273	20.43	60	Pass	601
860	1000	0.1	RMS	998.999	-57.5	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.52	-13	Pass	2000
3000	10000	1	RMS	3297.042	-47.56	-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)

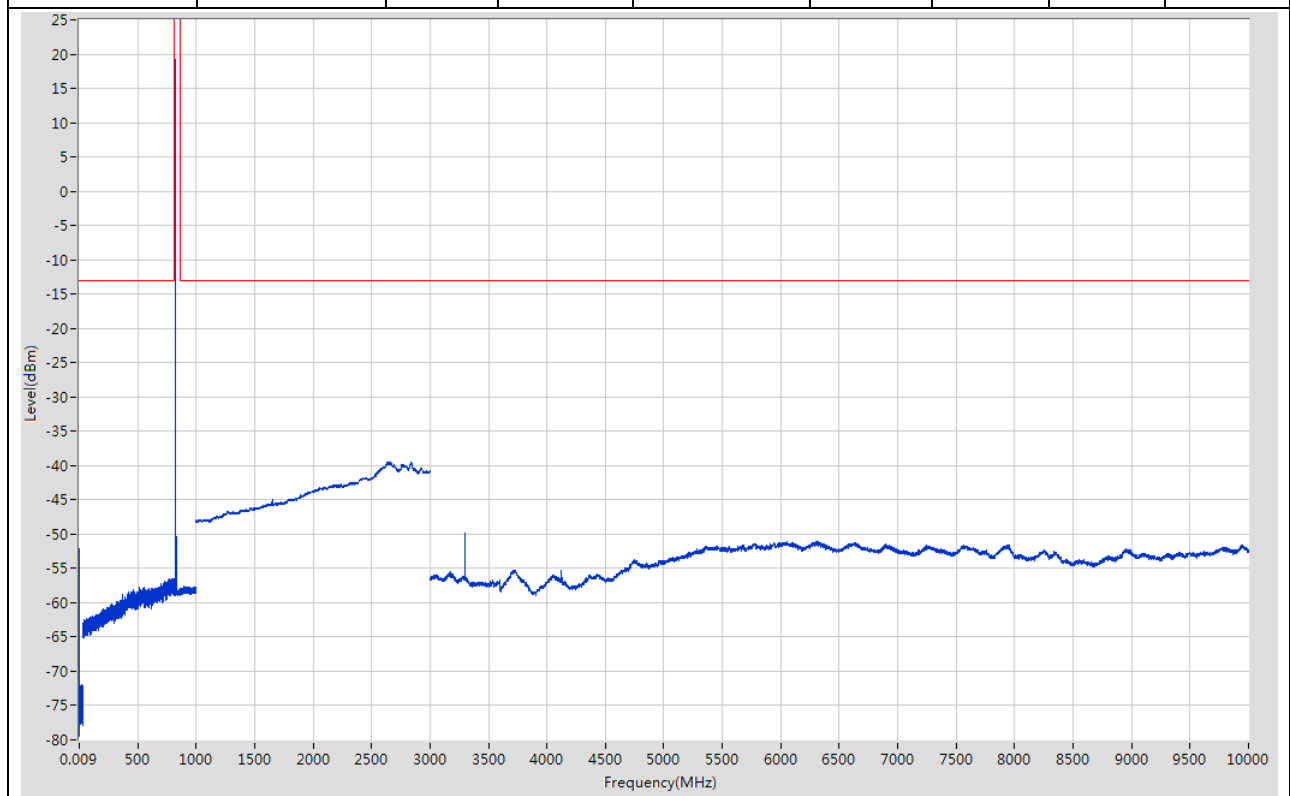| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.49	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.04	-13	Pass	2985
30	814	0.1	RMS	769.194	-56.42	-13	Pass	7840
814	860	0.1	RMS	825.117	20.34	60	Pass	601
860	1000	0.1	RMS	982.187	-57.5	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.49	-13	Pass	2000
3000	10000	1	RMS	3301.043	-49.17	-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)

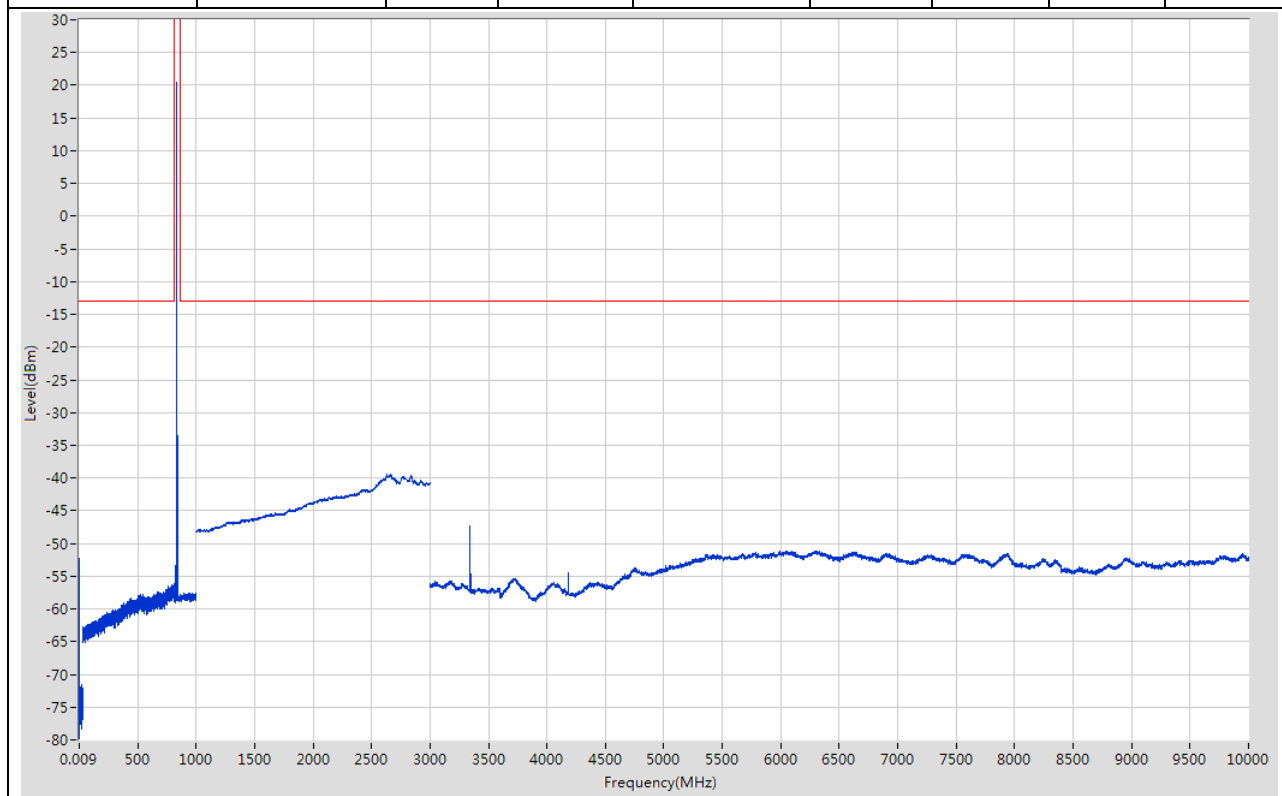| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-52.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.93	-13	Pass	2985
30	814	0.1	RMS	789.897	-56.42	-13	Pass	7840
814	860	0.1	RMS	824.273	19.38	60	Pass	601
860	1000	0.1	RMS	980.886	-57.55	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.47	-13	Pass	2000
3000	10000	1	RMS	3297.042	-48.82	-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)

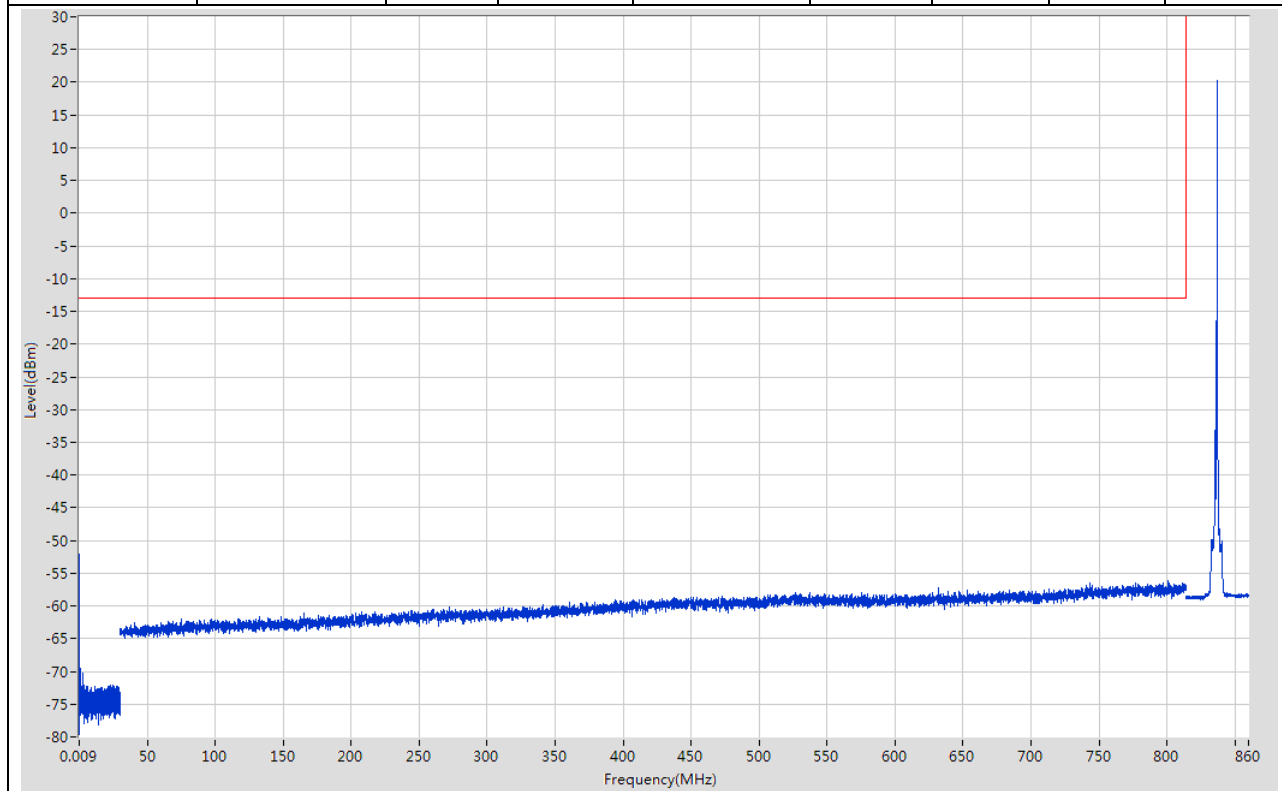| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.75	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.2	-13	Pass	2985
30	814	0.1	RMS	806.699	-56.43	-13	Pass	7840
814	860	0.1	RMS	825.117	19.29	60	Pass	601
860	1000	0.1	RMS	895.025	-57.64	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.45	-13	Pass	2000
3000	10000	1	RMS	3301.043	-49.78	-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)

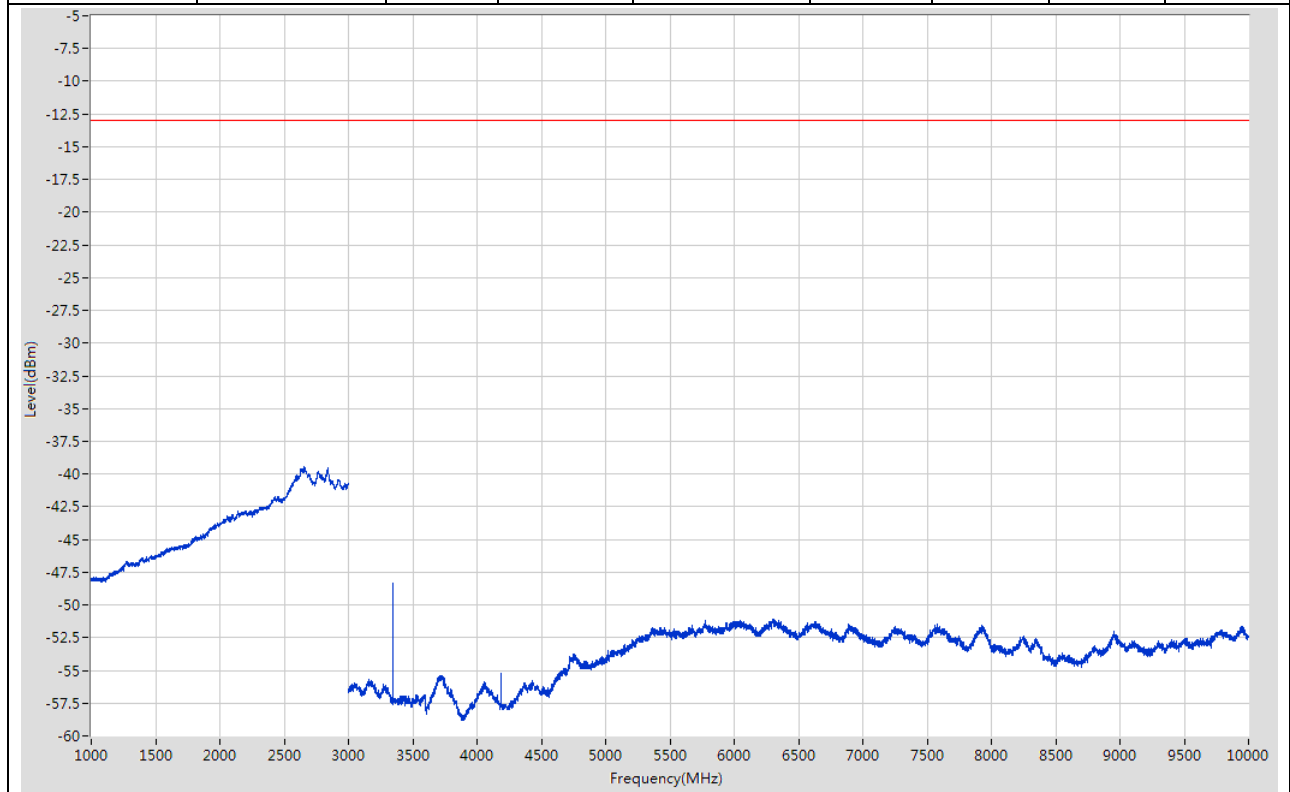| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.8	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.26	-13	Pass	2985
30	814	0.1	RMS	811.6	-56.06	-13	Pass	7840
814	860	0.1	RMS	836.08	20.36	60	Pass	601
860	1000	0.1	RMS	894.925	-57.61	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.47	-13	Pass	2000
3000	10000	1	RMS	3344.049	-47.4	-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)

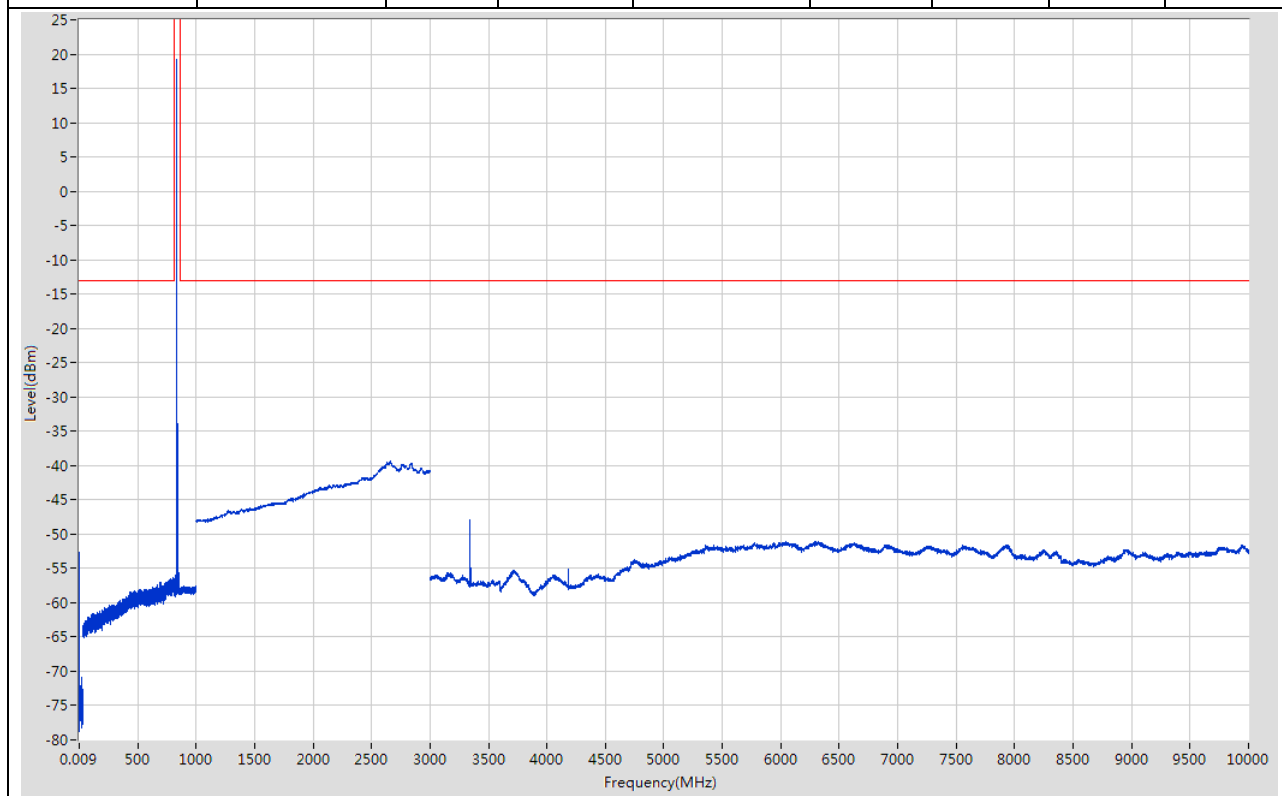| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-54.31	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.12	-13	Pass	2985
30	814	0.1	RMS	801.098	-56.09	-13	Pass	7840
814	860	0.1	RMS	836.923	20.31	60	Pass	601

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

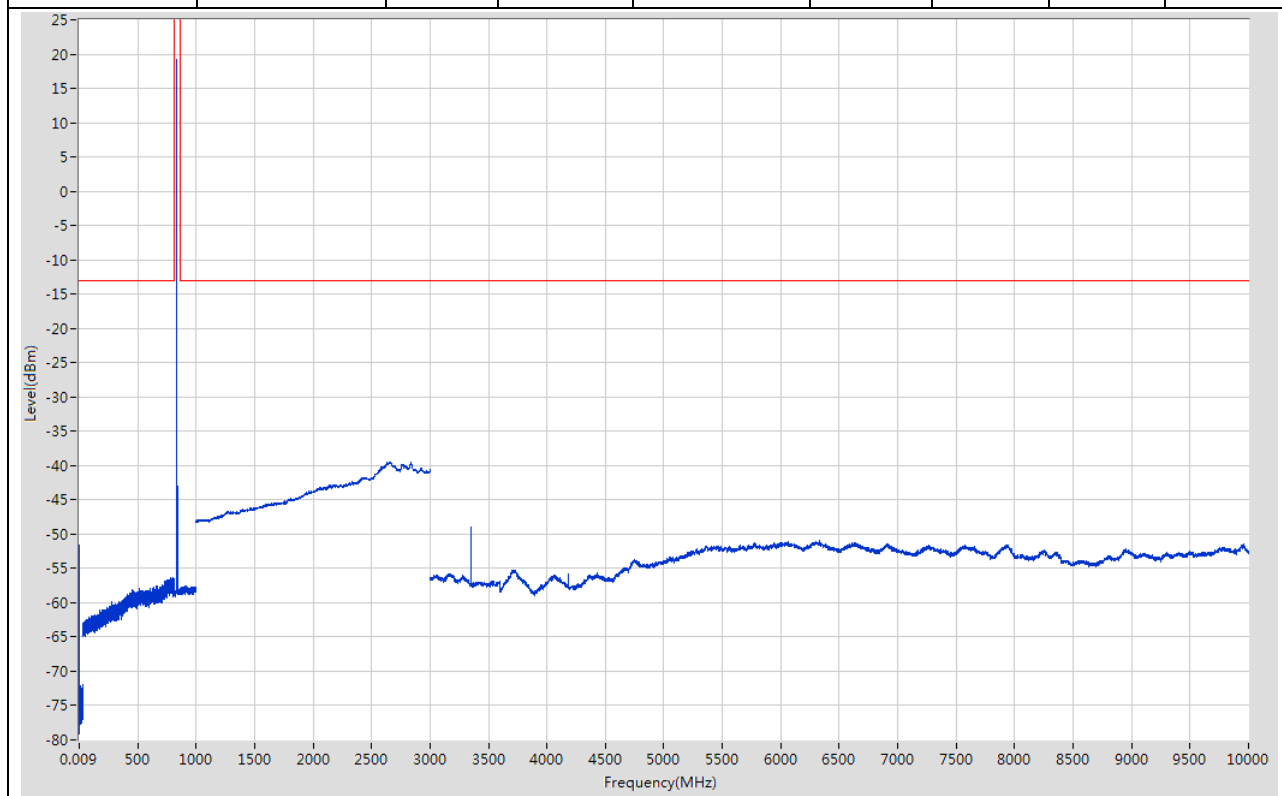| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
1000	3000	1	RMS	2652.826	-39.47	-13	Pass	2000
3000	10000	1	RMS	3348.05	-48.38	-13	Pass	7000

1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

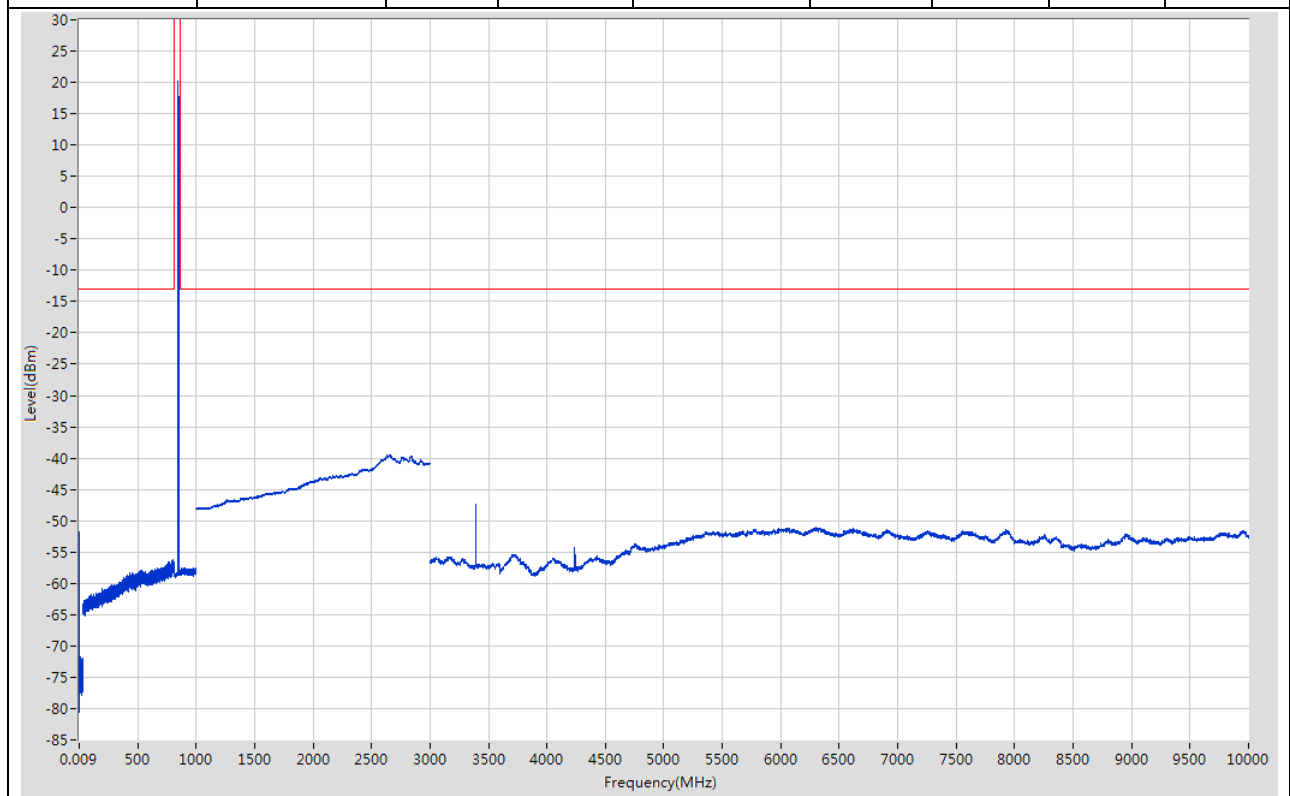| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.83	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.73	-13	Pass	2985
30	814	0.1	RMS	800.298	-56.29	-13	Pass	7840
814	860	0.1	RMS	836.08	19.28	60	Pass	601
860	1000	0.1	RMS	998.799	-57.6	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.39	-13	Pass	2000
3000	10000	1	RMS	3344.049	-47.87	-13	Pass	7000

1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

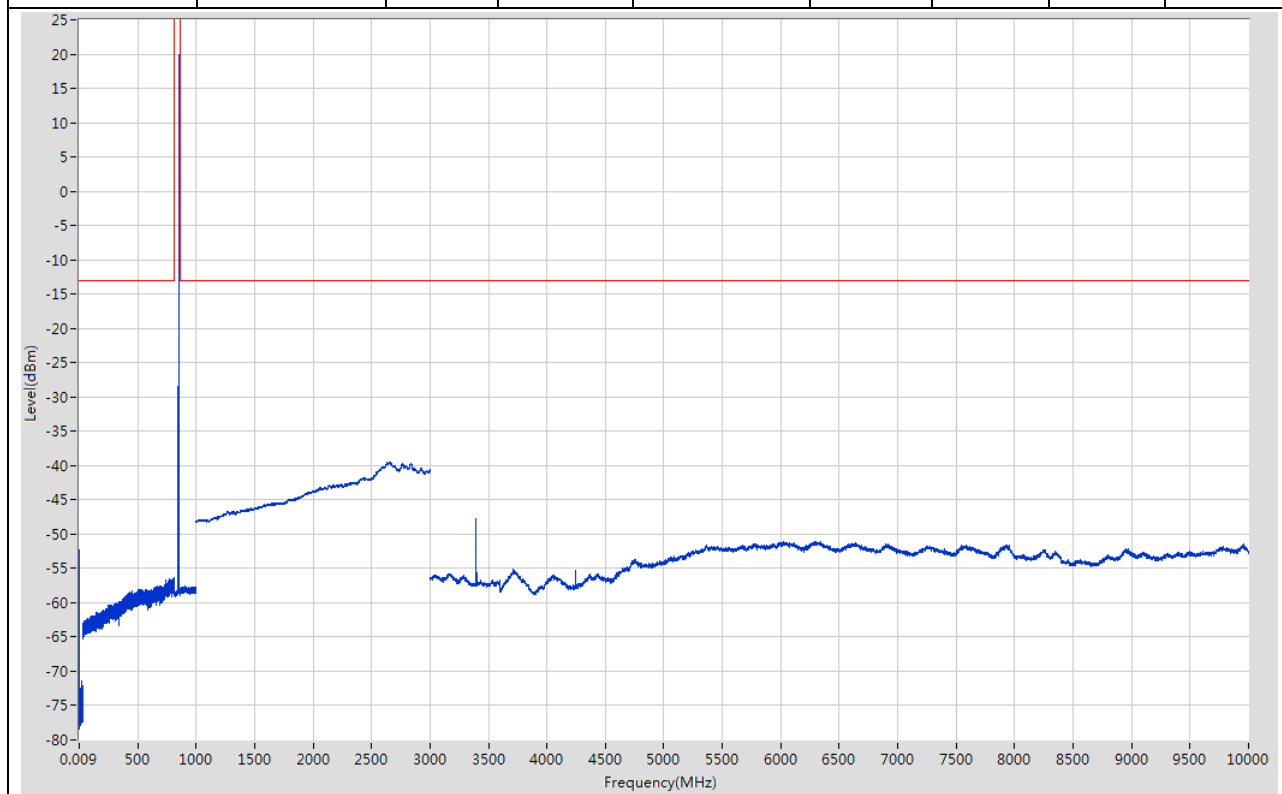| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.6	-13	Pass	2985
30	814	0.1	RMS	803.499	-56.27	-13	Pass	7840
814	860	0.1	RMS	836.923	19.24	60	Pass	601
860	1000	0.1	RMS	903.031	-57.61	-13	Pass	1400
1000	3000	1	RMS	2630.815	-39.5	-13	Pass	2000
3000	10000	1	RMS	3348.05	-48.95	-13	Pass	7000

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

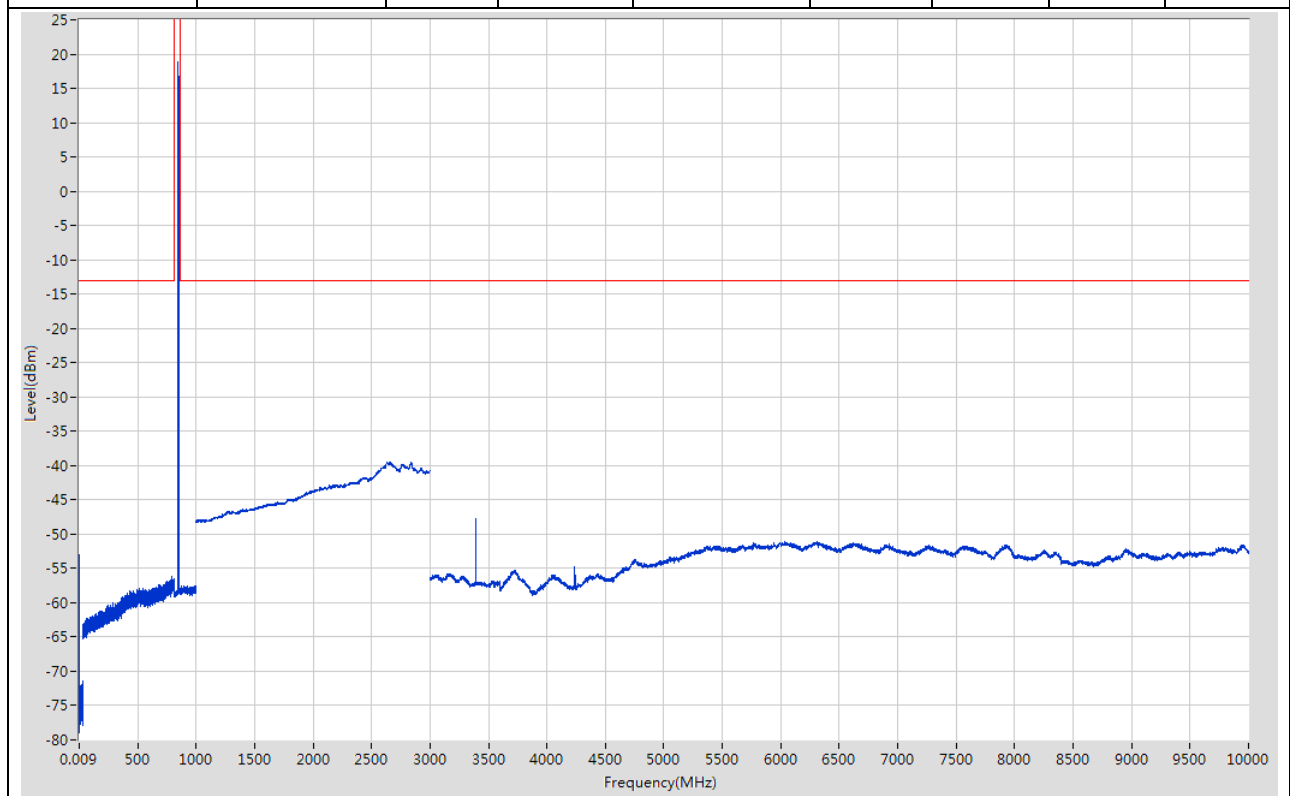| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.18	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.84	-13	Pass	2985
30	814	0.1	RMS	799.498	-56.29	-13	Pass	7840
814	860	0.1	RMS	847.887	20.17	60	Pass	601
860	1000	0.1	RMS	892.823	-57.54	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.46	-13	Pass	2000
3000	10000	1	RMS	3391.056	-47.41	-13	Pass	7000

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

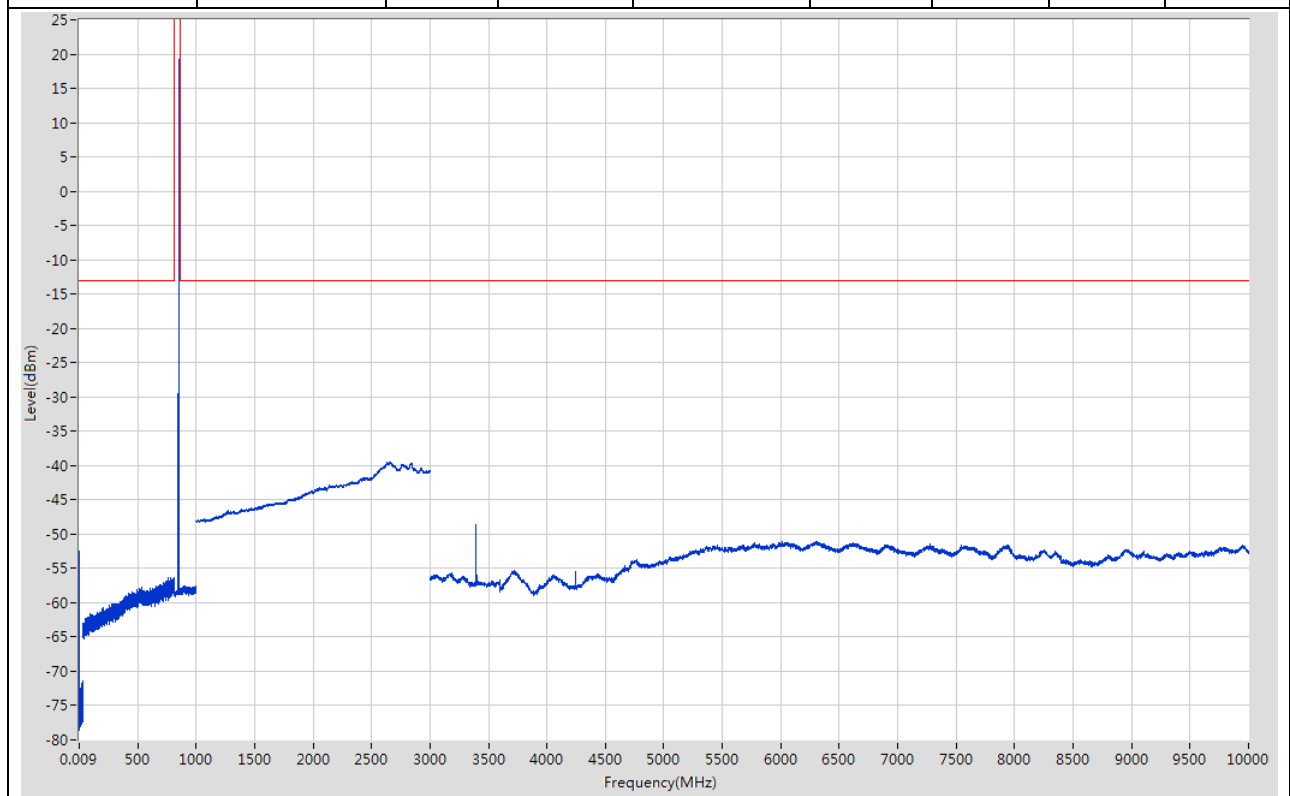| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.31	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.01	-13	Pass	2985
30	814	0.1	RMS	810.2	-56.28	-13	Pass	7840
814	860	0.1	RMS	848.73	19.99	60	Pass	601
860	1000	0.1	RMS	902.53	-57.5	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.44	-13	Pass	2000
3000	10000	1	RMS	3395.056	-47.76	-13	Pass	7000

1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

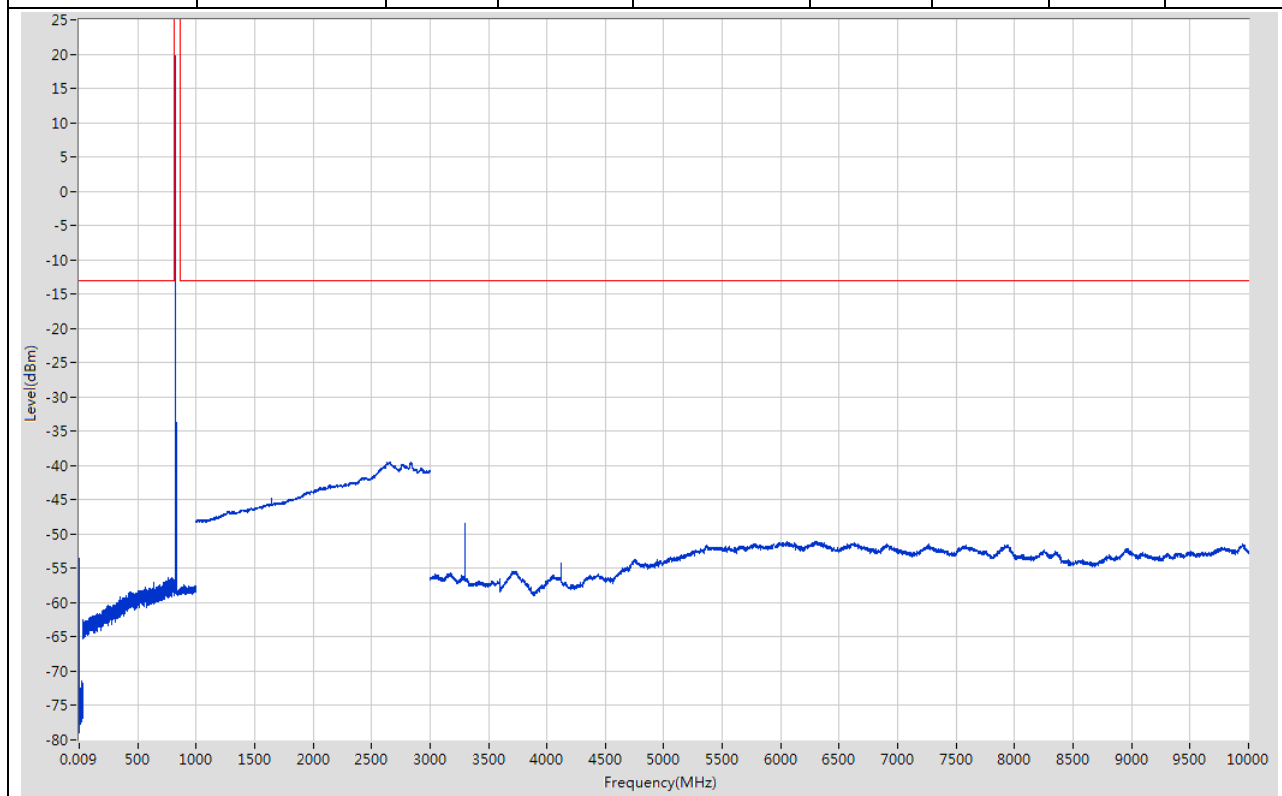| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.78	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.04	-13	Pass	2985
30	814	0.1	RMS	788.397	-56.14	-13	Pass	7840
814	860	0.1	RMS	847.887	18.89	60	Pass	601
860	1000	0.1	RMS	997.698	-57.59	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.44	-13	Pass	2000
3000	10000	1	RMS	3391.056	-47.72	-13	Pass	7000

1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

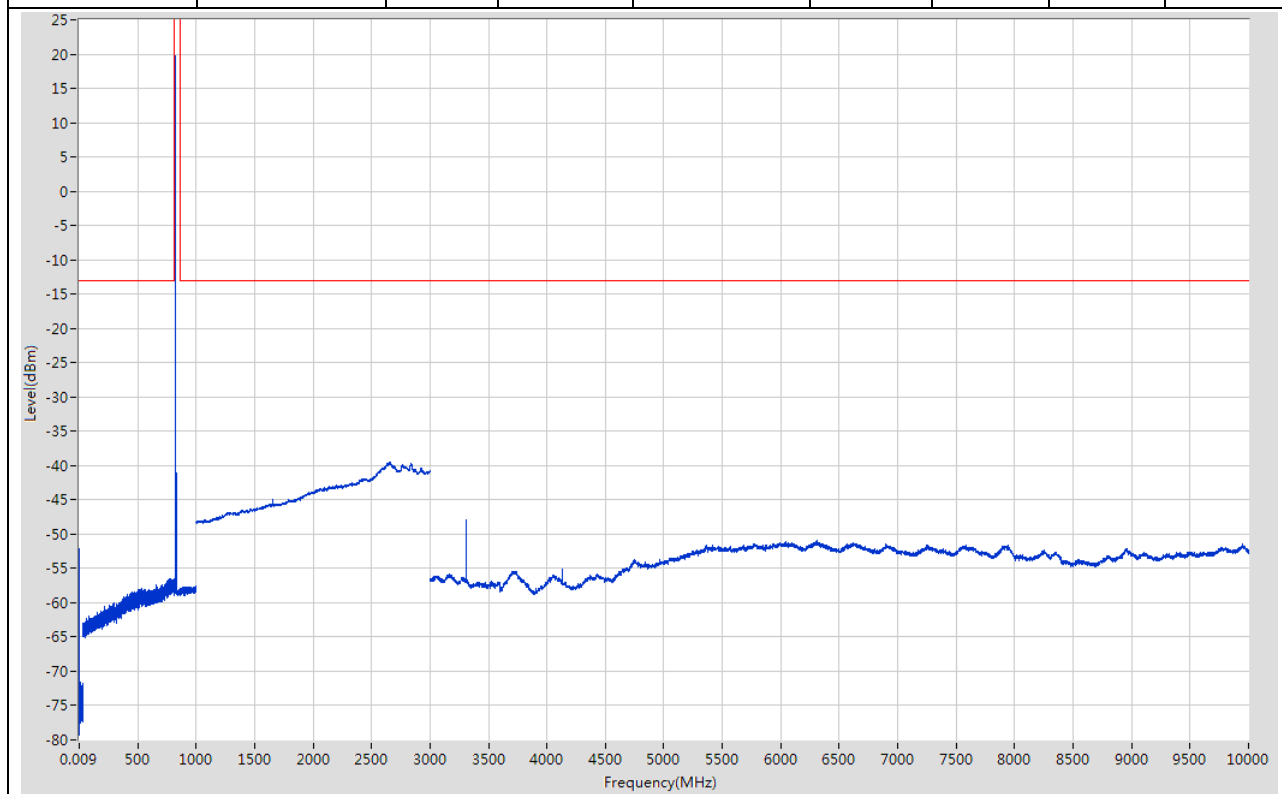| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.14	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.49	-13	Pass	2985
30	814	0.1	RMS	782.796	-56.28	-13	Pass	7840
814	860	0.1	RMS	848.73	19.24	60	Pass	601
860	1000	0.1	RMS	906.433	-57.59	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.47	-13	Pass	2000
3000	10000	1	RMS	3395.056	-48.57	-13	Pass	7000

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

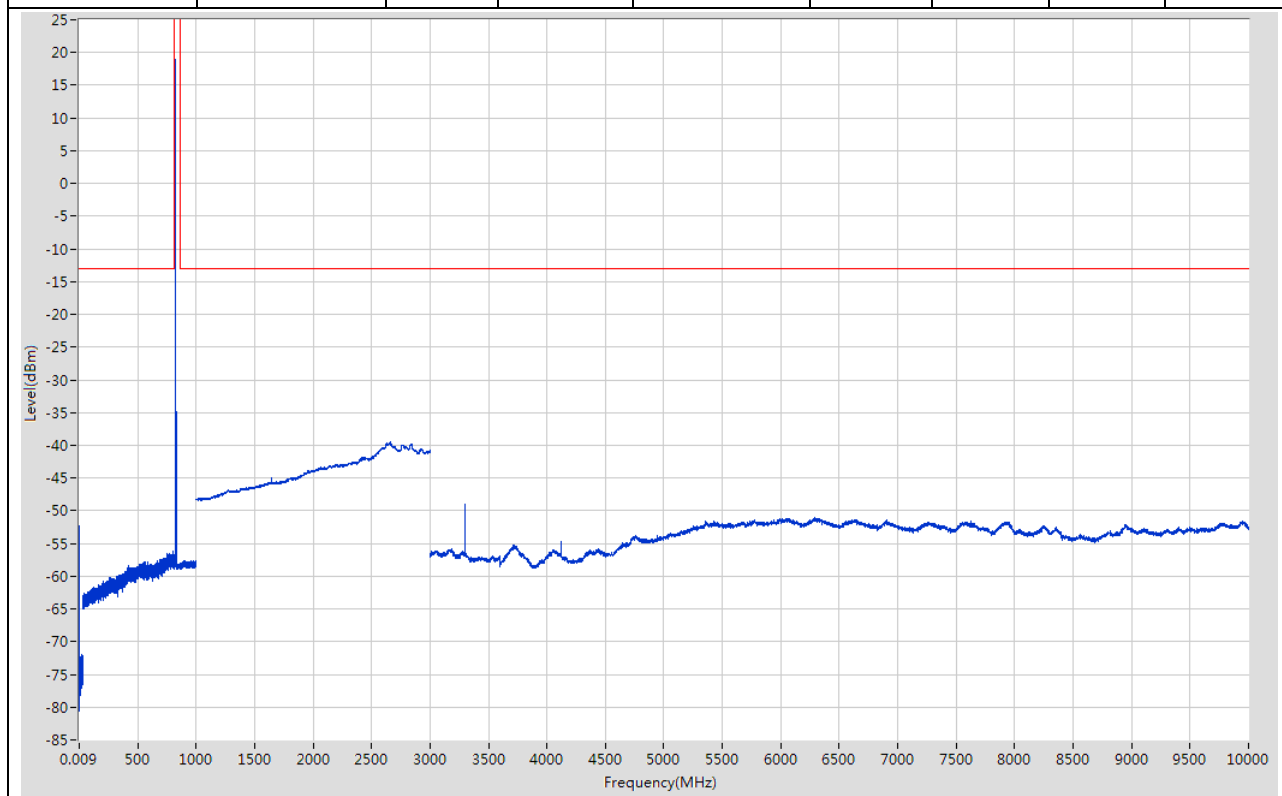| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.51	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.51	-13	Pass	2985
30	814	0.1	RMS	756.093	-56.32	-13	Pass	7840
814	860	0.1	RMS	824.273	19.75	60	Pass	601
860	1000	0.1	RMS	899.028	-57.36	-13	Pass	1400
1000	3000	1	RMS	2663.832	-39.44	-13	Pass	2000
3000	10000	1	RMS	3297.042	-48.36	-13	Pass	7000

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

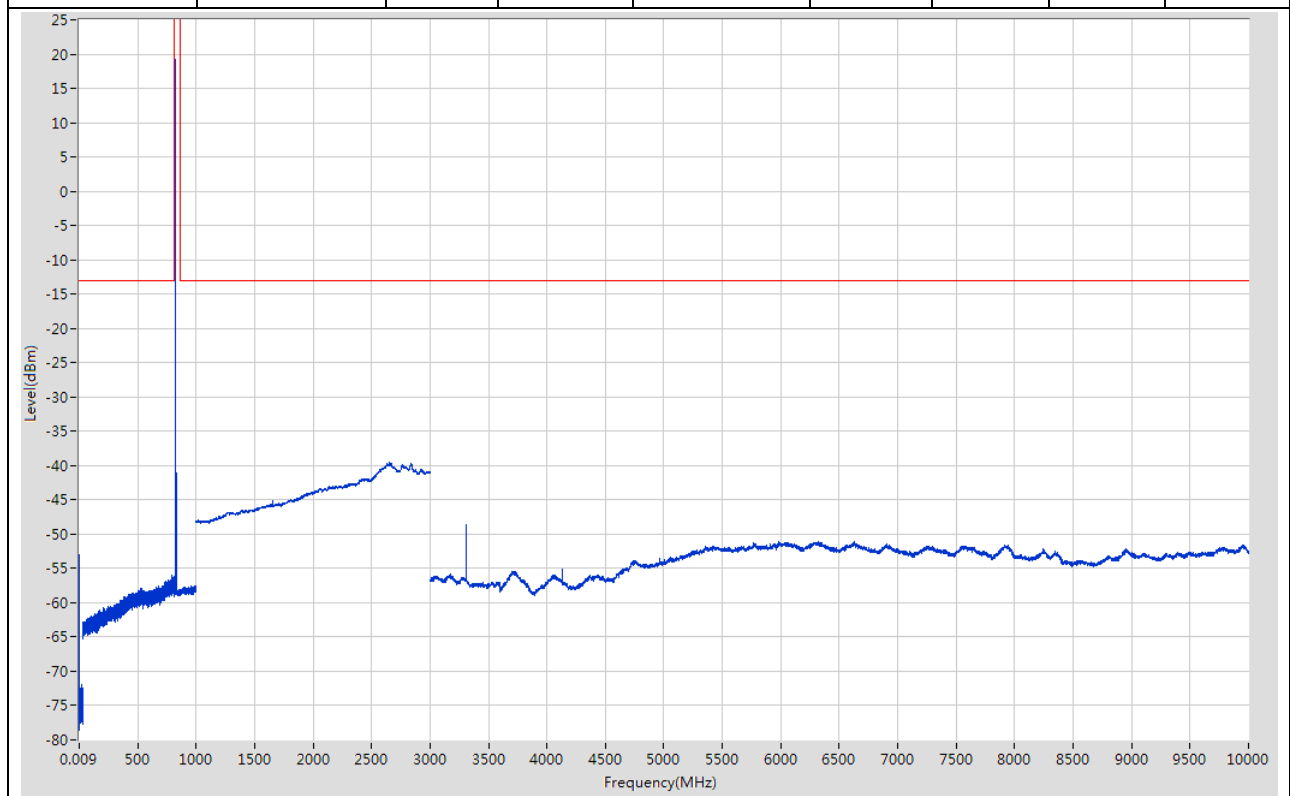| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.06	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.4	-13	Pass	2985
30	814	0.1	RMS	769.694	-56.58	-13	Pass	7840
814	860	0.1	RMS	826.727	19.73	60	Pass	601
860	1000	0.1	RMS	994.596	-57.6	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.56	-13	Pass	2000
3000	10000	1	RMS	3307.044	-47.92	-13	Pass	7000

1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

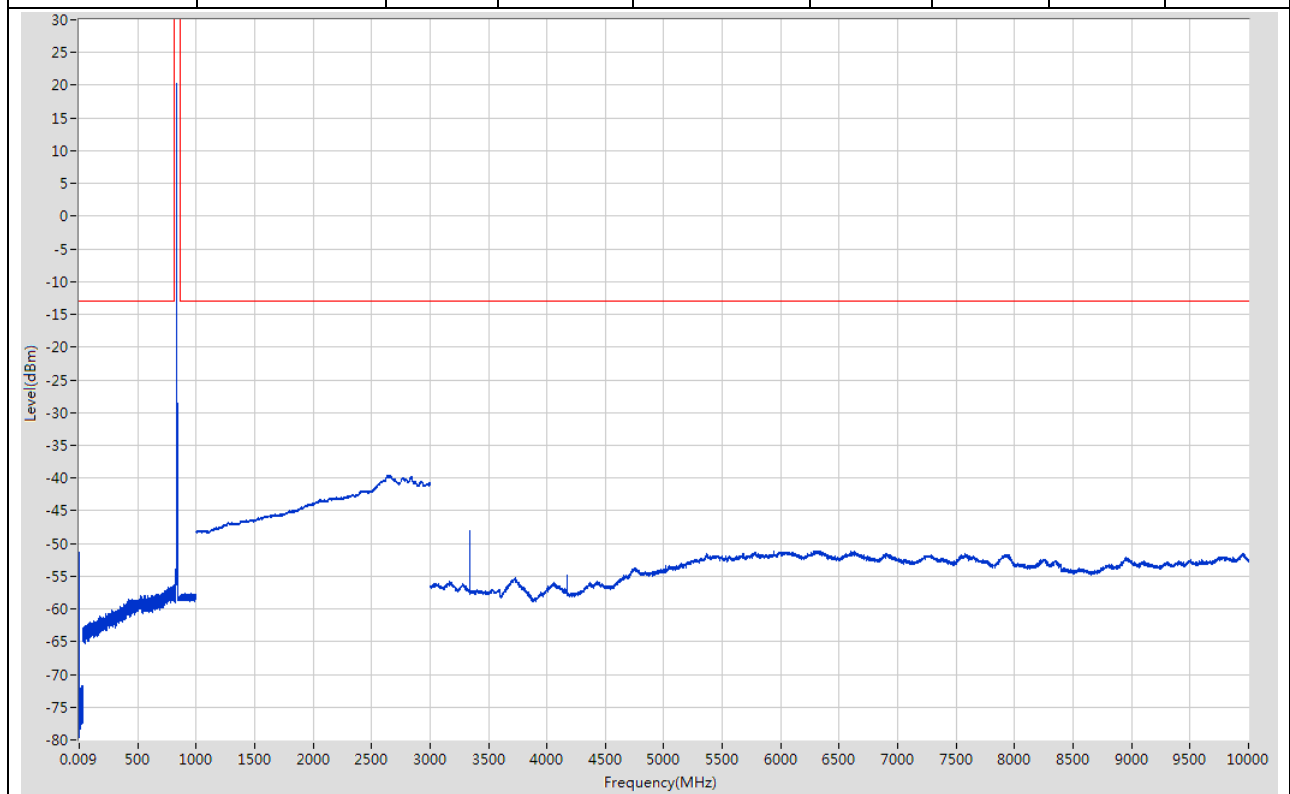| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.27	-13	Pass	2985
30	814	0.1	RMS	804.699	-56.23	-13	Pass	7840
814	860	0.1	RMS	824.273	18.93	60	Pass	601
860	1000	0.1	RMS	1000	-57.65	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.54	-13	Pass	2000
3000	10000	1	RMS	3297.042	-49.05	-13	Pass	7000

1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

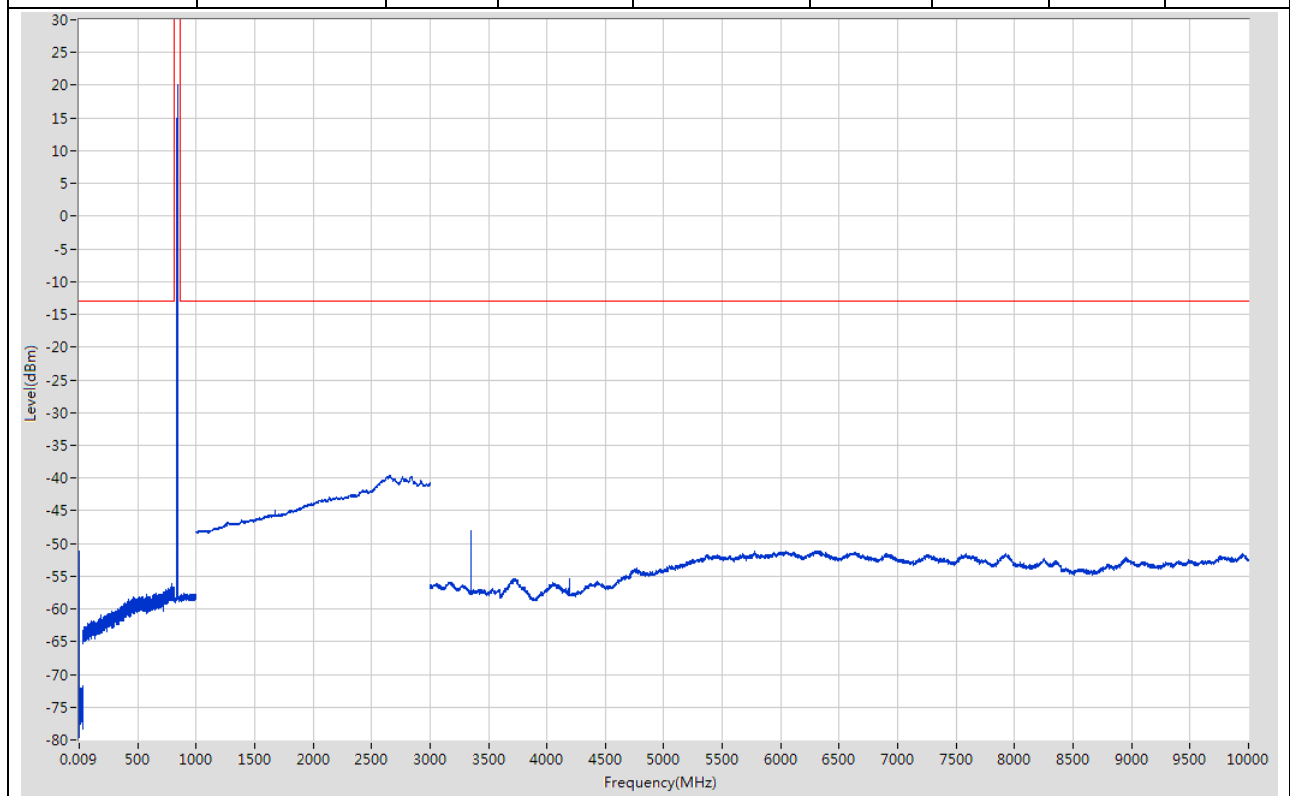| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.95	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.28	-13	Pass	2985
30	814	0.1	RMS	794.097	-55.9	-13	Pass	7840
814	860	0.1	RMS	826.727	19.26	60	Pass	601
860	1000	0.1	RMS	983.188	-57.59	-13	Pass	1400
1000	3000	1	RMS	2654.827	-39.58	-13	Pass	2000
3000	10000	1	RMS	3307.044	-48.68	-13	Pass	7000

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

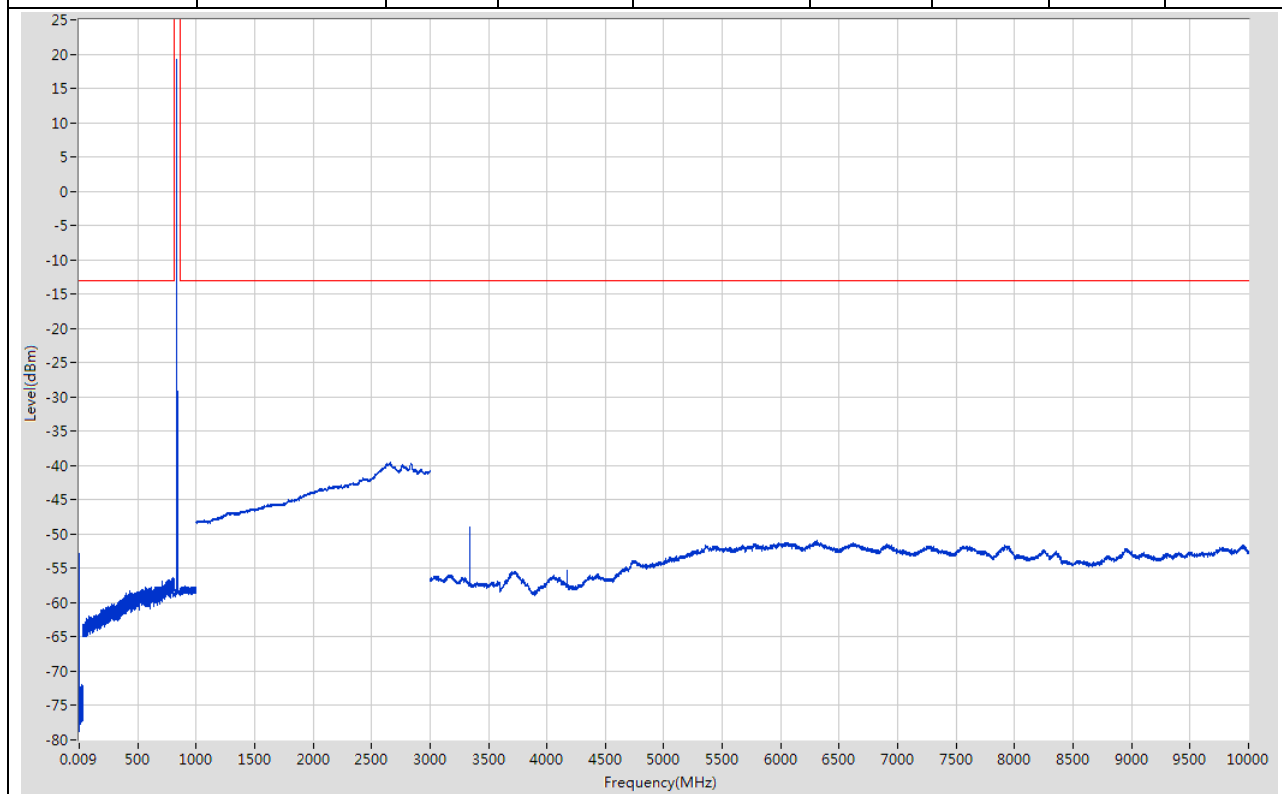| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.41	-13	Pass	2985
30	814	0.1	RMS	812.9	-56.4	-13	Pass	7840
814	860	0.1	RMS	835.237	20.18	60	Pass	601
860	1000	0.1	RMS	905.332	-57.56	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.61	-13	Pass	2000
3000	10000	1	RMS	3341.049	-47.96	-13	Pass	7000

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

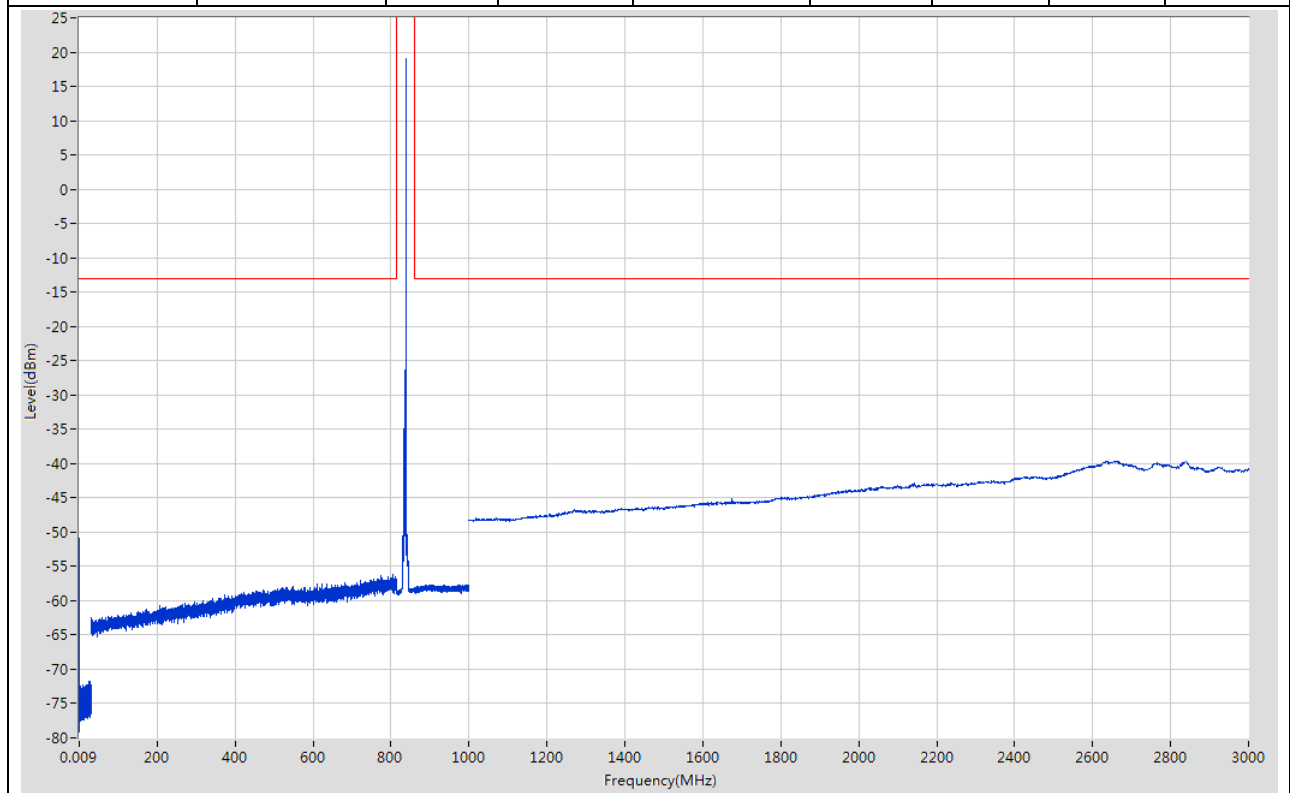| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.08	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.12	-13	Pass	2985
30	814	0.1	RMS	790.697	-56.17	-13	Pass	7840
814	860	0.1	RMS	837.767	20.14	60	Pass	601
860	1000	0.1	RMS	896.426	-57.67	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.6	-13	Pass	2000
3000	10000	1	RMS	3351.05	-48.05	-13	Pass	7000

1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

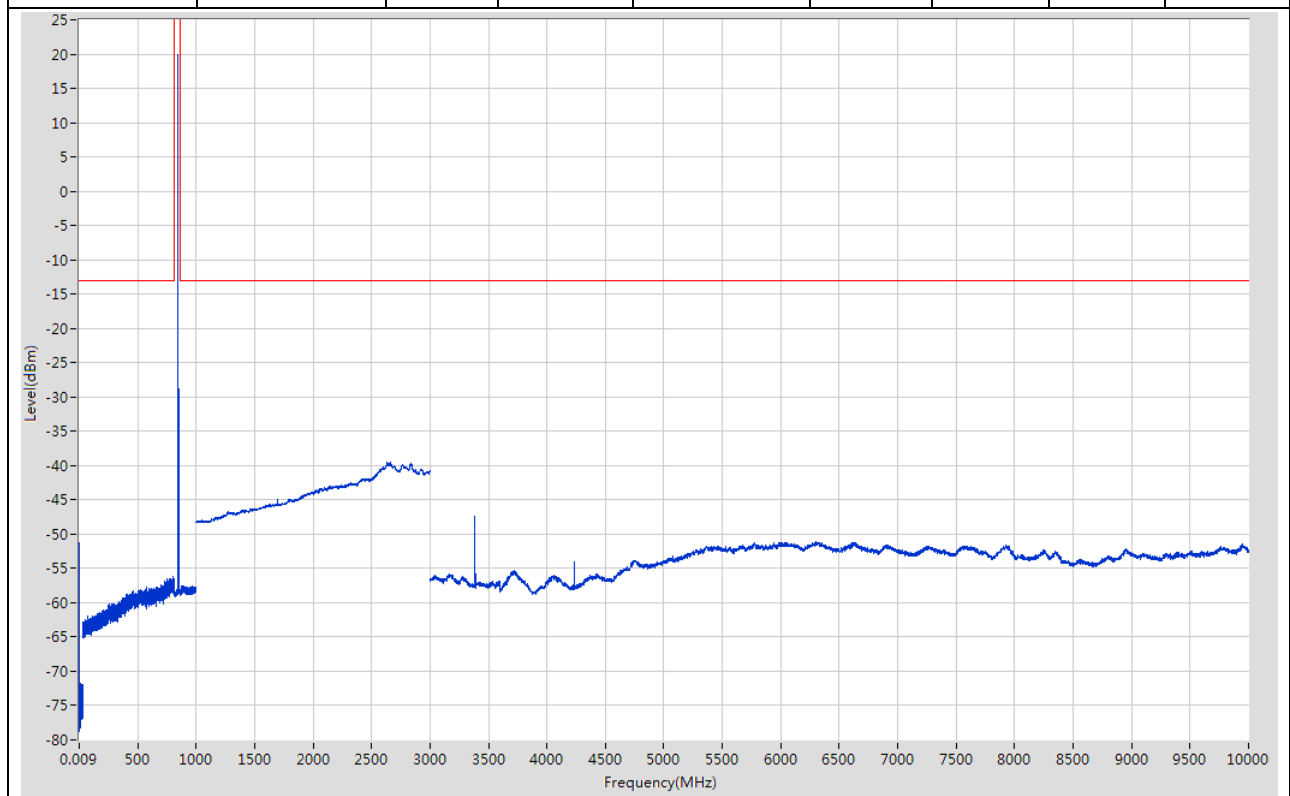| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.8	-13	Pass	2985
30	814	0.1	RMS	797.198	-56.36	-13	Pass	7840
814	860	0.1	RMS	835.237	19.28	60	Pass	601
860	1000	0.1	RMS	906.733	-57.6	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.52	-13	Pass	2000
3000	10000	1	RMS	3341.049	-48.93	-13	Pass	7000

1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

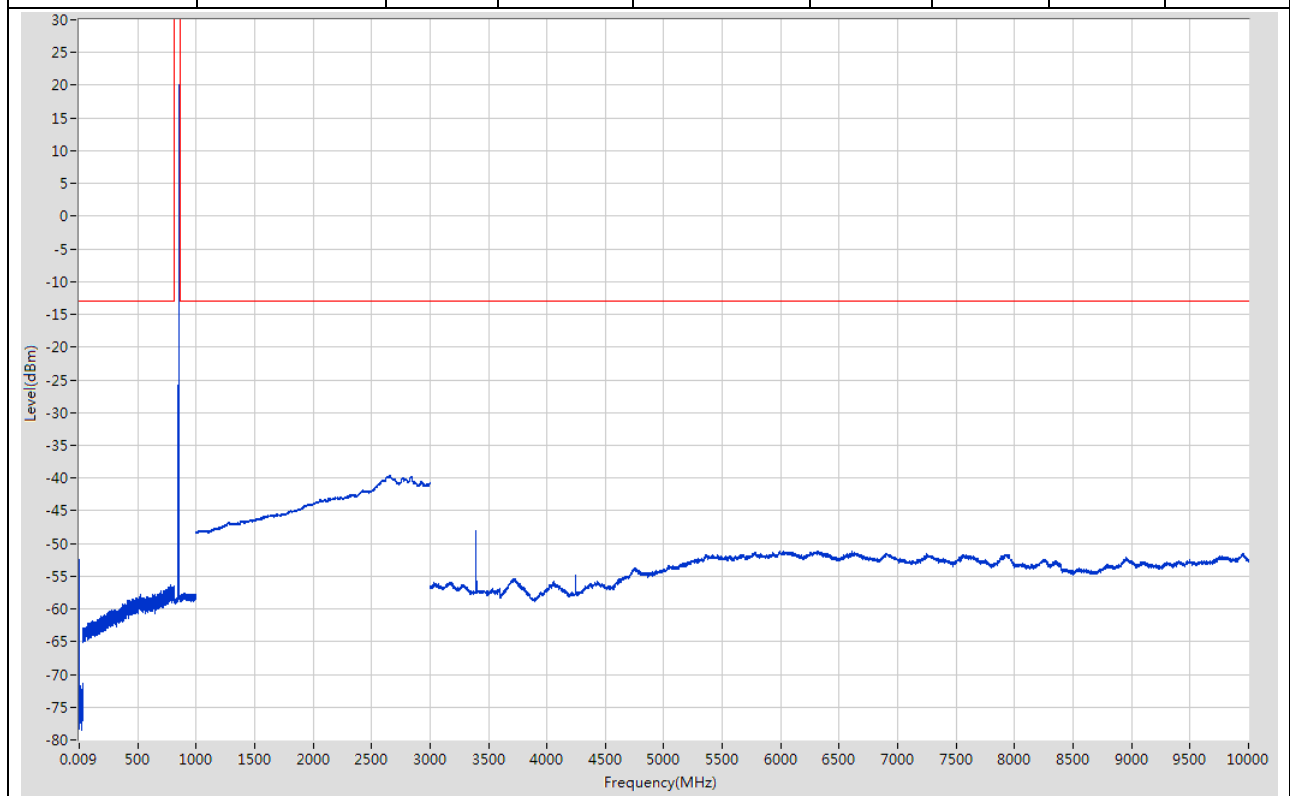| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.86	-13	Pass	2985
30	814	0.1	RMS	805.799	-56.11	-13	Pass	7840
814	860	0.1	RMS	837.767	19.07	60	Pass	601
860	1000	0.1	RMS	934.653	-57.67	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.65	-13	Pass	2000

1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

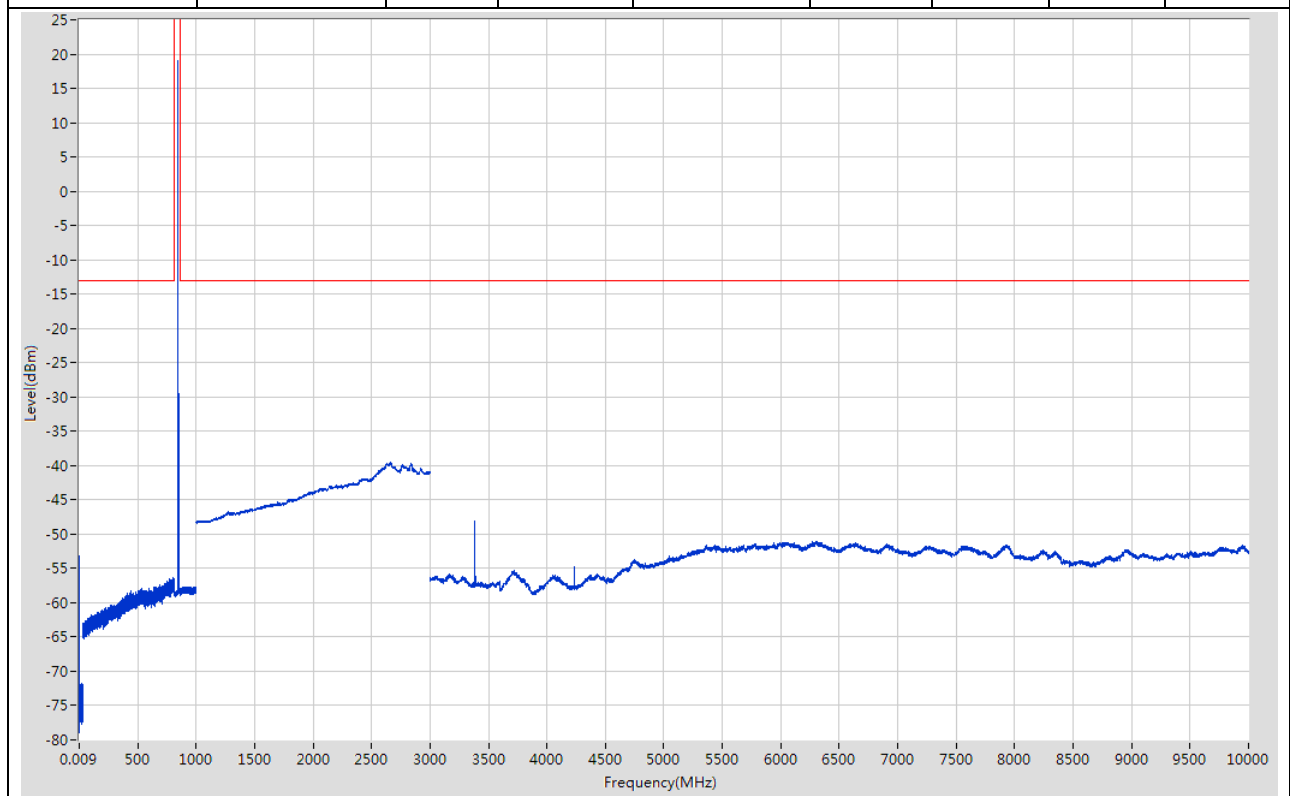| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.12	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.26	-13	Pass	2985
30	814	0.1	RMS	798.598	-56.1	-13	Pass	7840
814	860	0.1	RMS	846.2	19.84	60	Pass	601
860	1000	0.1	RMS	877.312	-57.57	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.57	-13	Pass	2000
3000	10000	1	RMS	3385.055	-47.39	-13	Pass	7000

1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

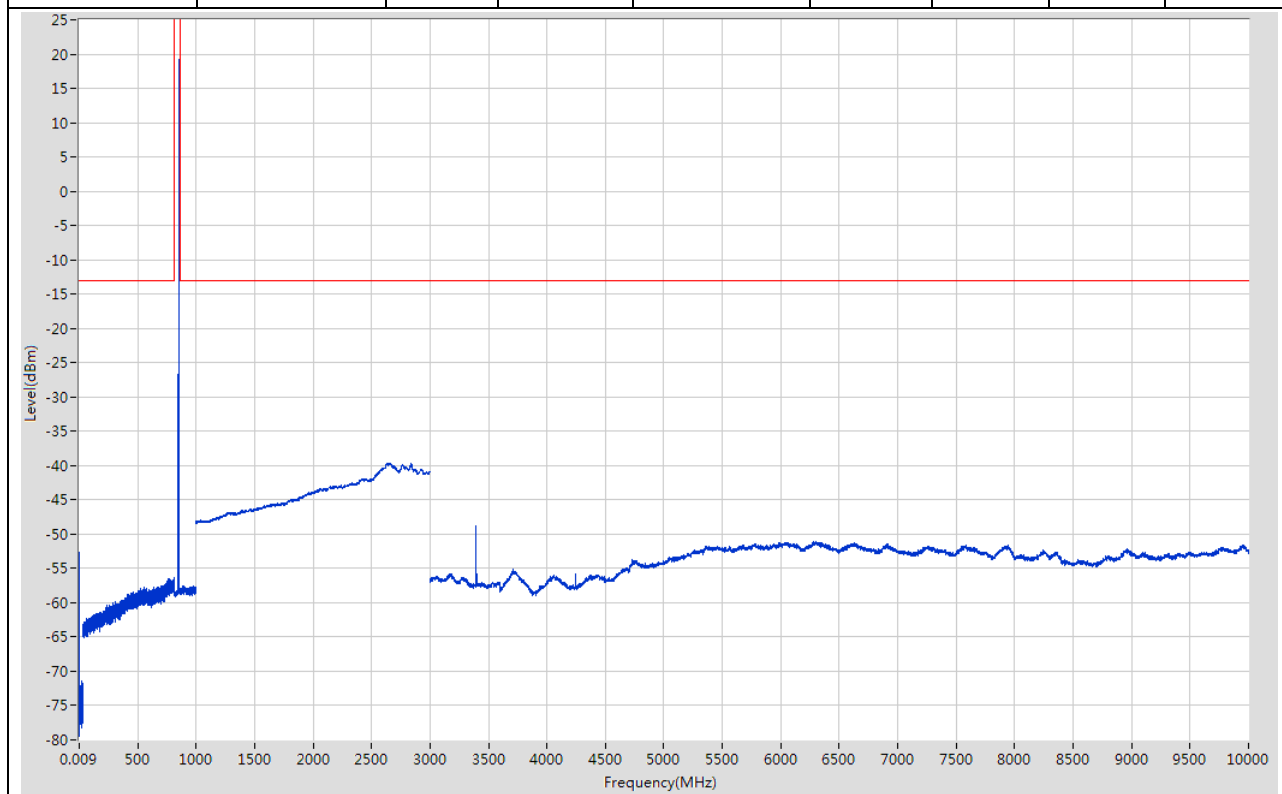| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.47	-13	Pass	2985
30	814	0.1	RMS	775.995	-56.31	-13	Pass	7840
814	860	0.1	RMS	848.73	20	60	Pass	601
860	1000	0.1	RMS	893.624	-57.51	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.58	-13	Pass	2000
3000	10000	1	RMS	3395.056	-48.03	-13	Pass	7000

1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

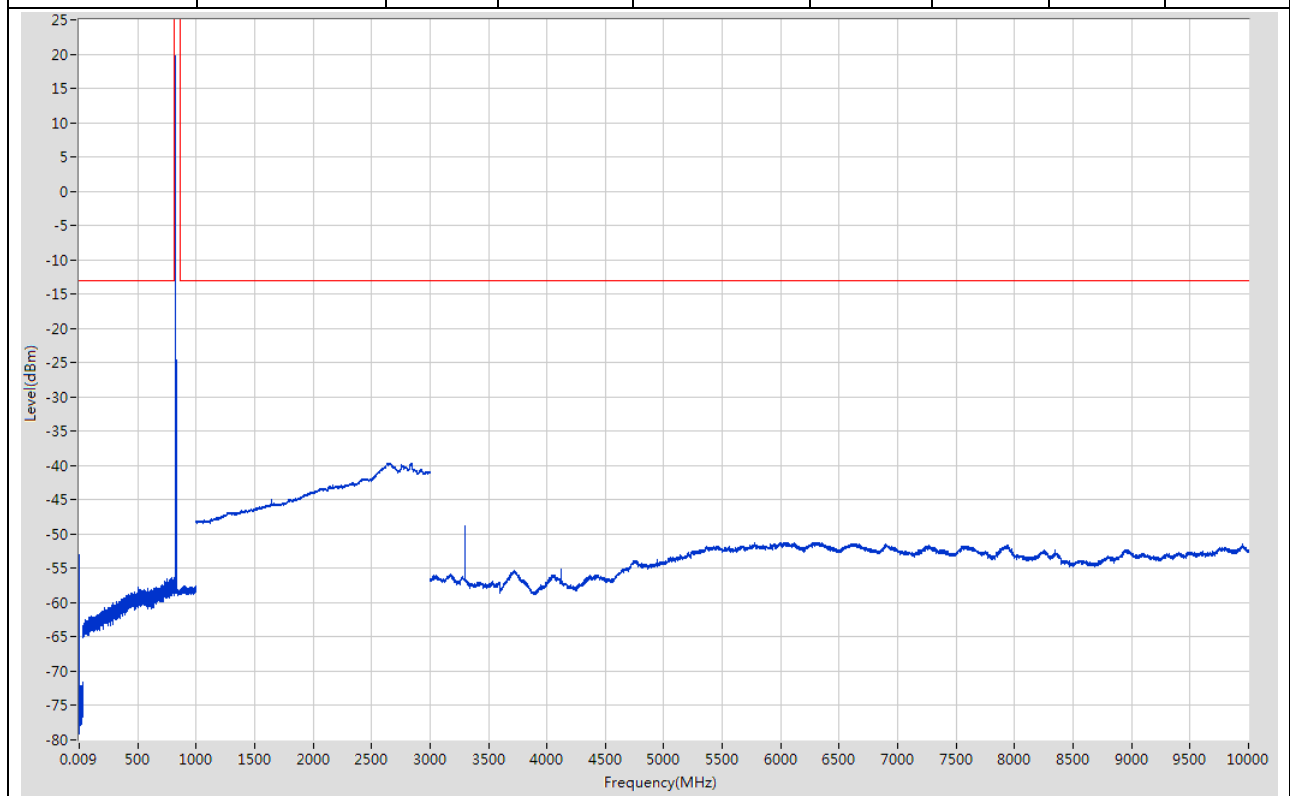| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.13	-13	Pass	2985
30	814	0.1	RMS	800.798	-56.37	-13	Pass	7840
814	860	0.1	RMS	846.277	19.08	60	Pass	601
860	1000	0.1	RMS	893.524	-57.67	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.48	-13	Pass	2000
3000	10000	1	RMS	3385.055	-48.14	-13	Pass	7000

1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

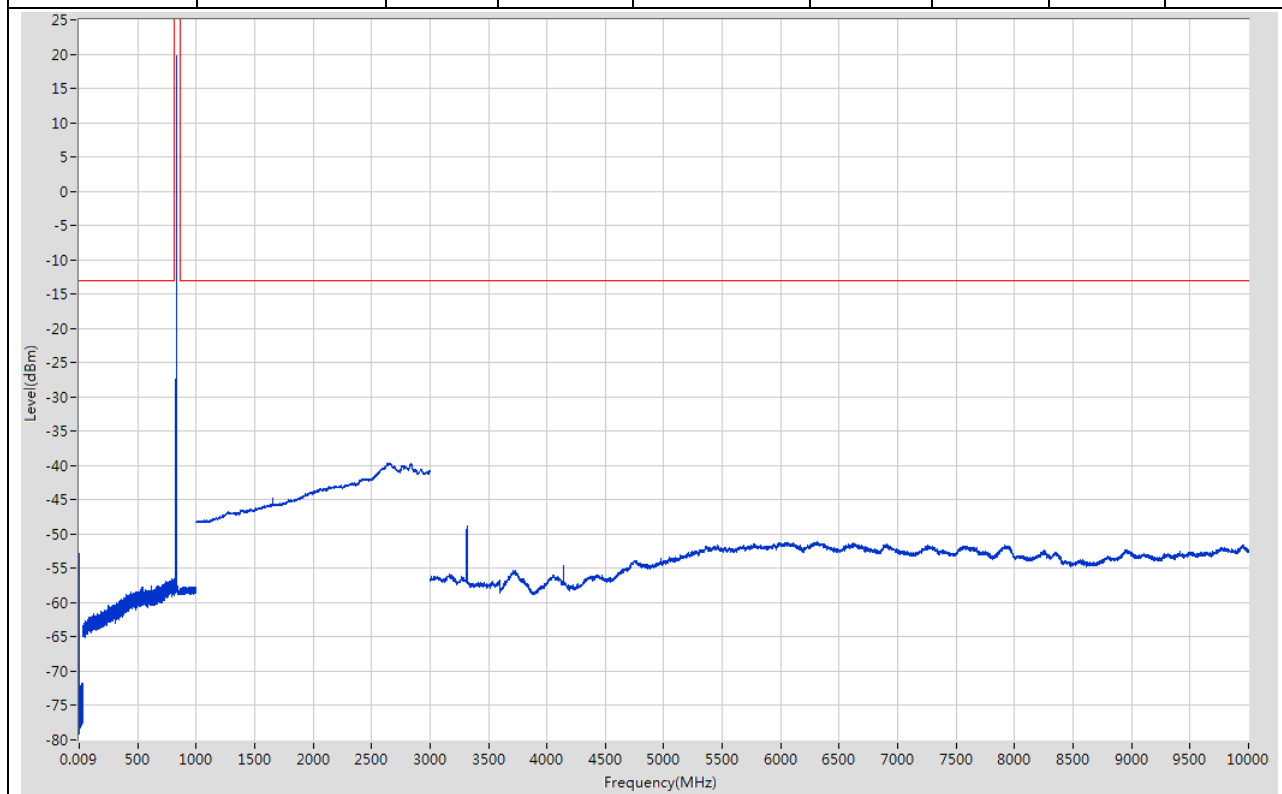| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.61	-13	Pass	2985
30	814	0.1	RMS	808.499	-56.41	-13	Pass	7840
814	860	0.1	RMS	848.73	19.14	60	Pass	601
860	1000	0.1	RMS	889.421	-57.62	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.6	-13	Pass	2000
3000	10000	1	RMS	3395.056	-48.8	-13	Pass	7000

1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

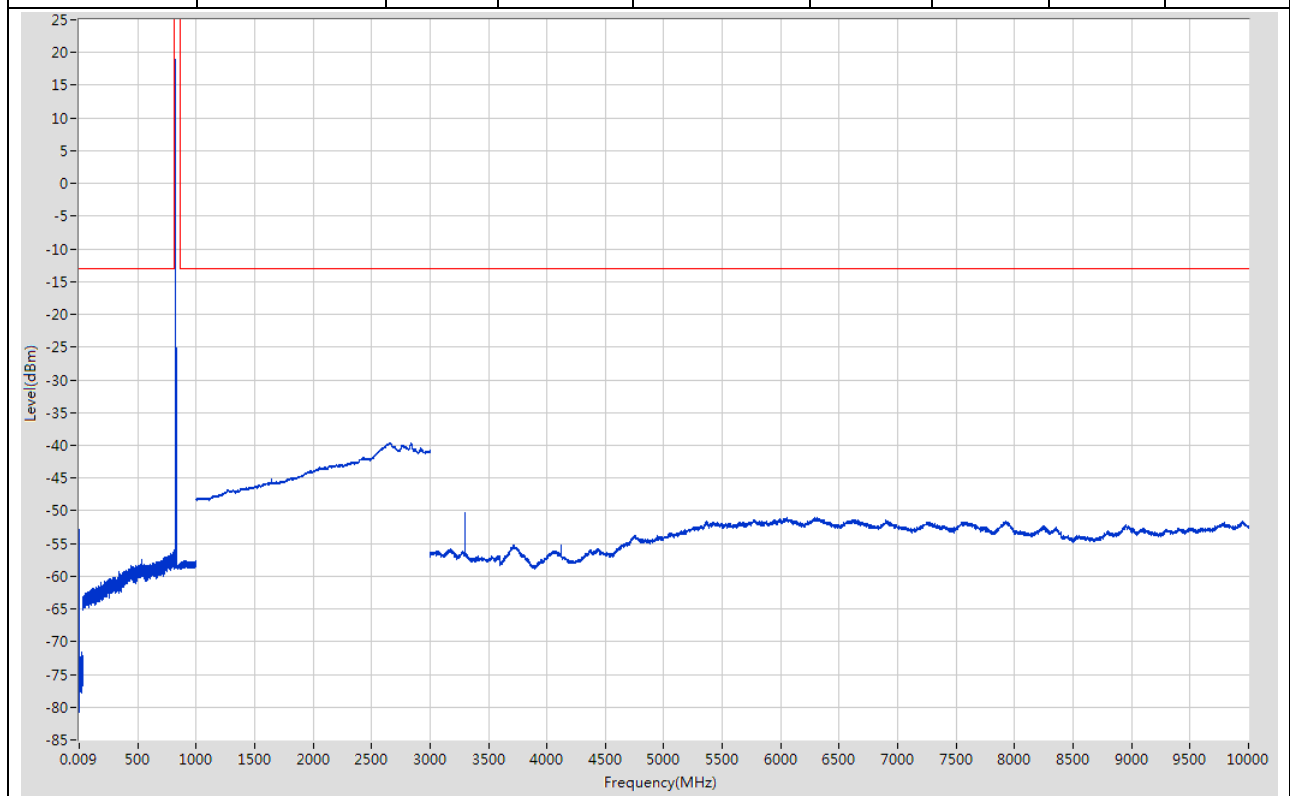| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.05	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.98	-13	Pass	2985
30	814	0.1	RMS	808.499	-56.27	-13	Pass	7840
814	860	0.1	RMS	824.35	19.76	60	Pass	601
860	1000	0.1	RMS	895.926	-57.62	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.64	-13	Pass	2000
3000	10000	1	RMS	3297.042	-48.85	-13	Pass	7000

1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

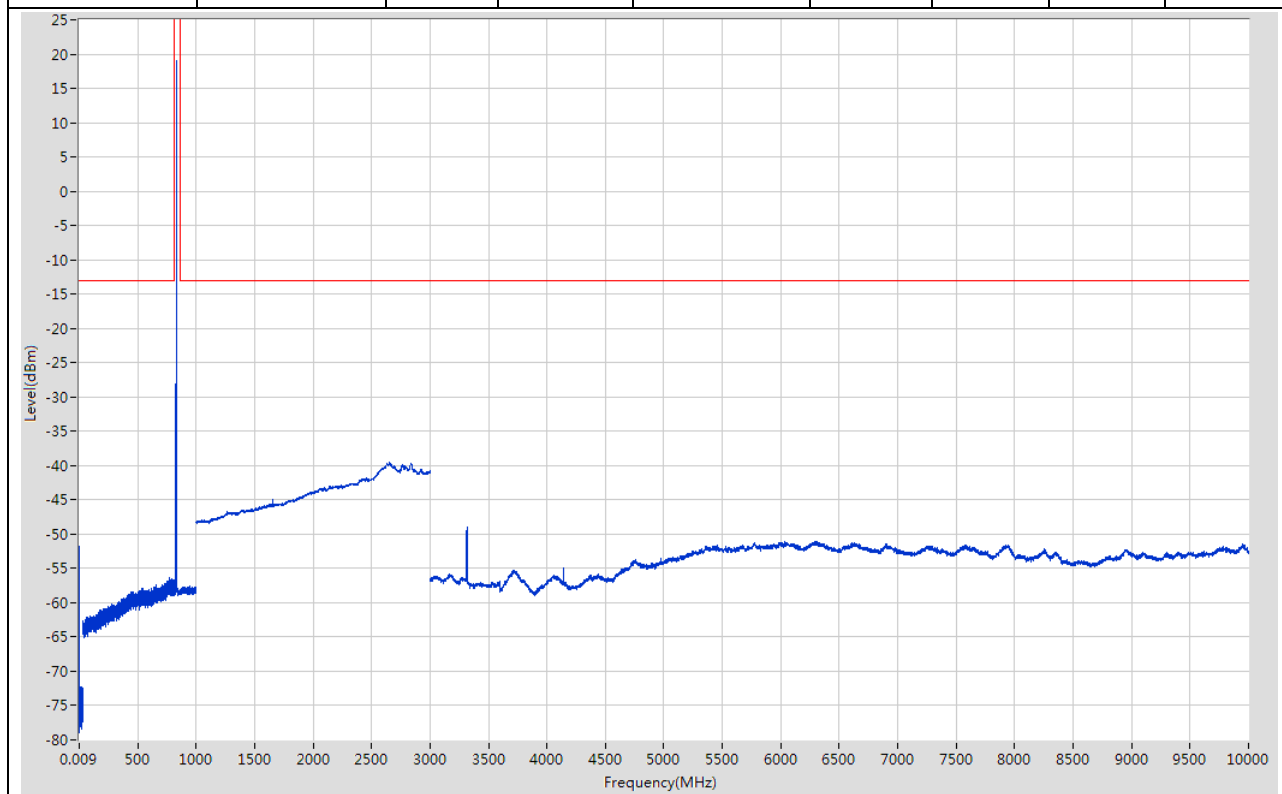| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.77	-13	Pass	601
0.15	30	0.01	RMS	0.17	-53.09	-13	Pass	2985
30	814	0.1	RMS	808.499	-56.43	-13	Pass	7840
814	860	0.1	RMS	828.643	19.74	60	Pass	601
860	1000	0.1	RMS	941.959	-57.69	-13	Pass	1400
1000	3000	1	RMS	2837.919	-39.63	-13	Pass	2000
3000	10000	1	RMS	3315.045	-48.75	-13	Pass	7000

1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

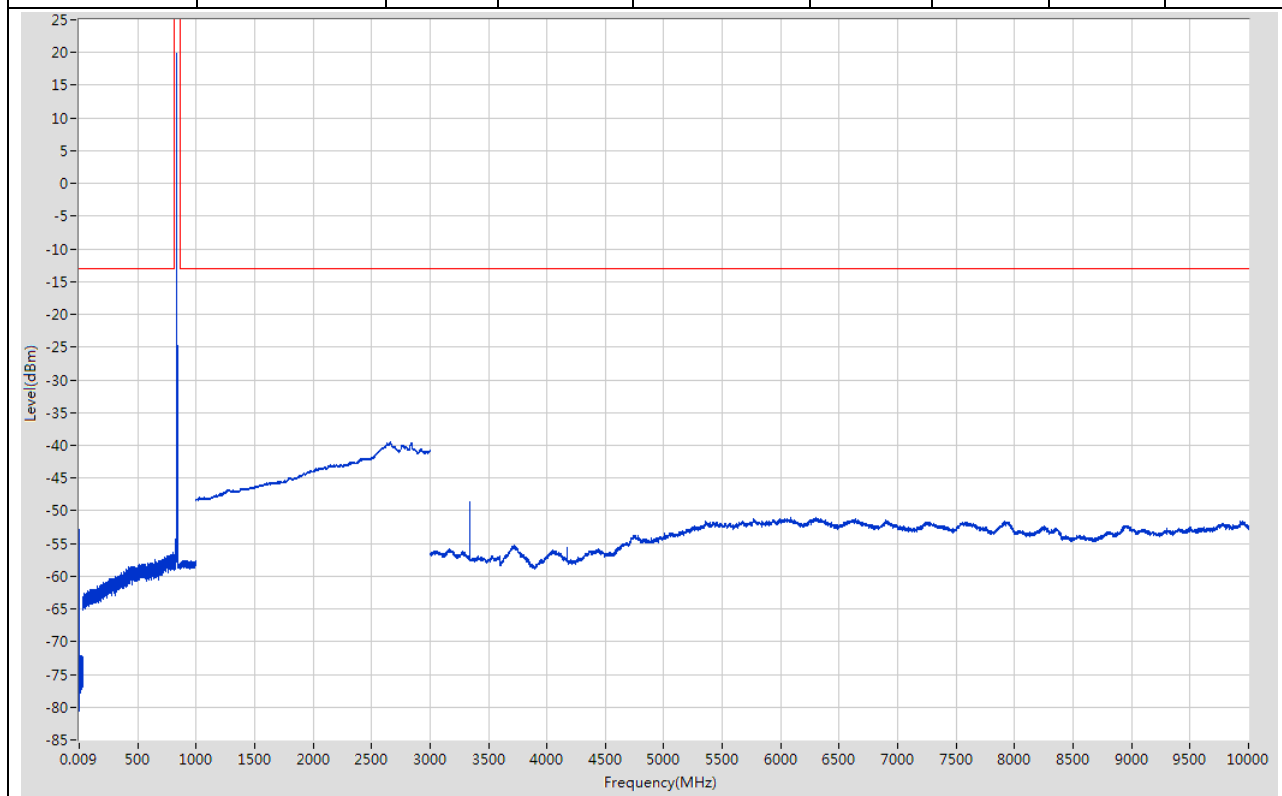| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.84	-13	Pass	601
0.15	30	0.01	RMS	0.16	-54.41	-13	Pass	2985
30	814	0.1	RMS	813.8	-56.05	-13	Pass	7840
814	860	0.1	RMS	824.35	18.97	60	Pass	601
860	1000	0.1	RMS	997.598	-57.62	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.59	-13	Pass	2000
3000	10000	1	RMS	3297.042	-50.25	-13	Pass	7000

1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

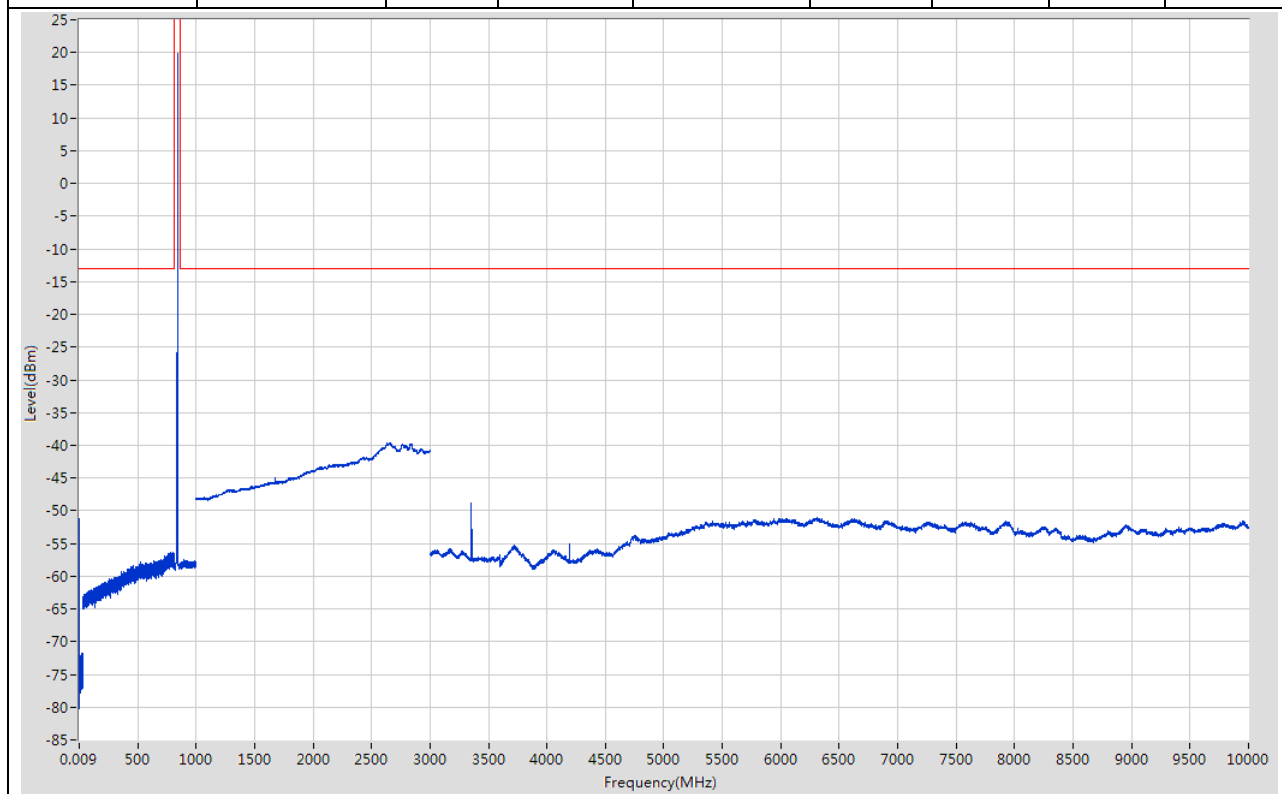| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.28	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.85	-13	Pass	2985
30	814	0.1	RMS	768.394	-56.31	-13	Pass	7840
814	860	0.1	RMS	828.643	18.97	60	Pass	601
860	1000	0.1	RMS	942.759	-57.6	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.54	-13	Pass	2000
3000	10000	1	RMS	3315.045	-48.92	-13	Pass	7000

1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

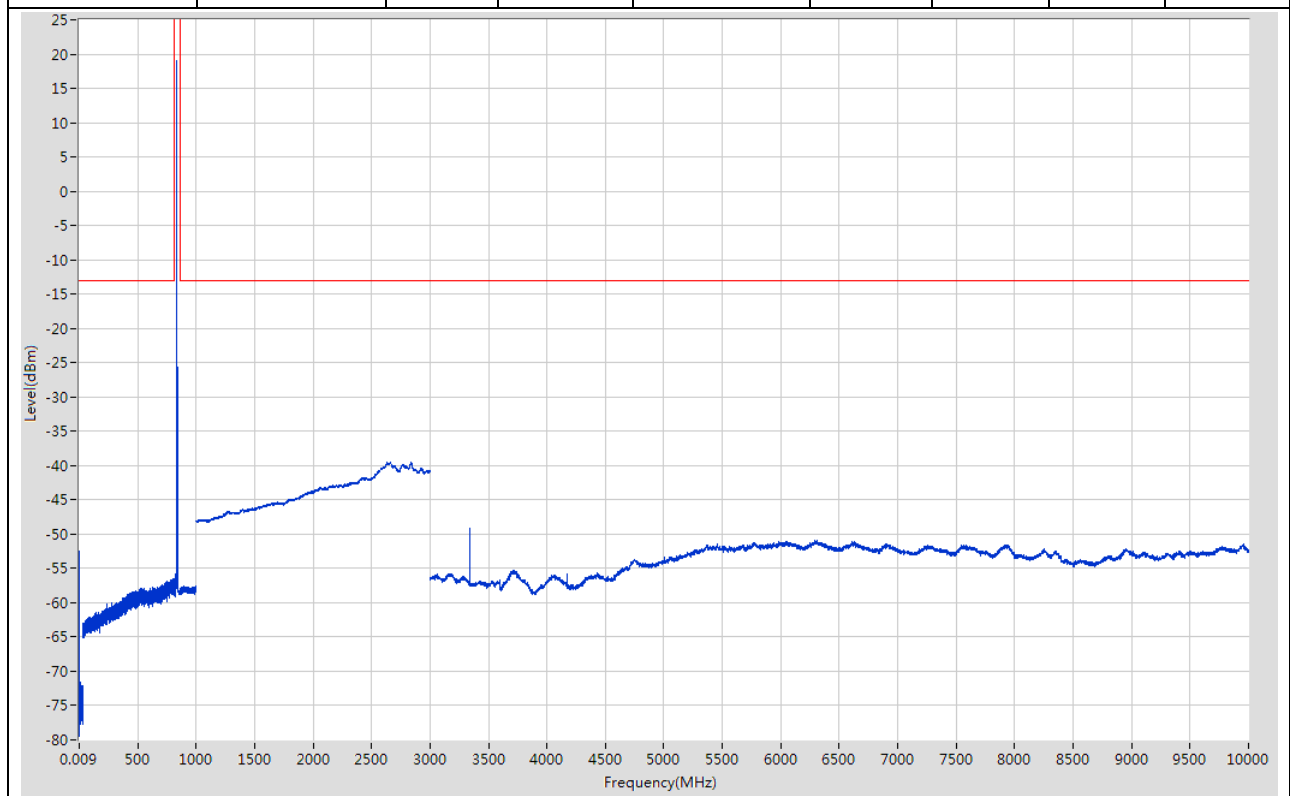| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.81	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.84	-13	Pass	2985
30	814	0.1	RMS	805.799	-56.42	-13	Pass	7840
814	860	0.1	RMS	834.317	19.88	60	Pass	601
860	1000	0.1	RMS	998.599	-57.57	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.54	-13	Pass	2000
3000	10000	1	RMS	3337.048	-48.71	-13	Pass	7000

1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

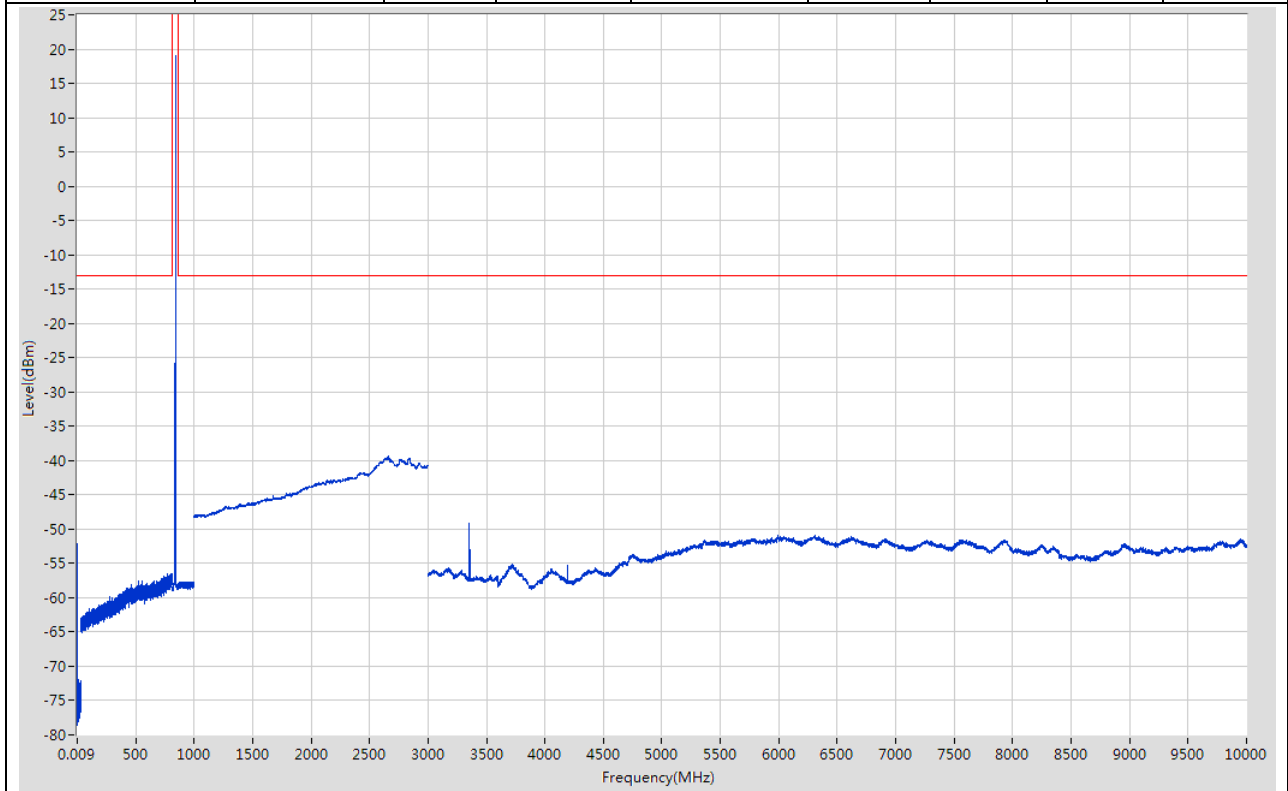| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.58	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.13	-13	Pass	2985
30	814	0.1	RMS	797.598	-56.3	-13	Pass	7840
814	860	0.1	RMS	838.687	19.83	60	Pass	601
860	1000	0.1	RMS	894.725	-57.49	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.61	-13	Pass	2000
3000	10000	1	RMS	3355.051	-48.8	-13	Pass	7000

1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

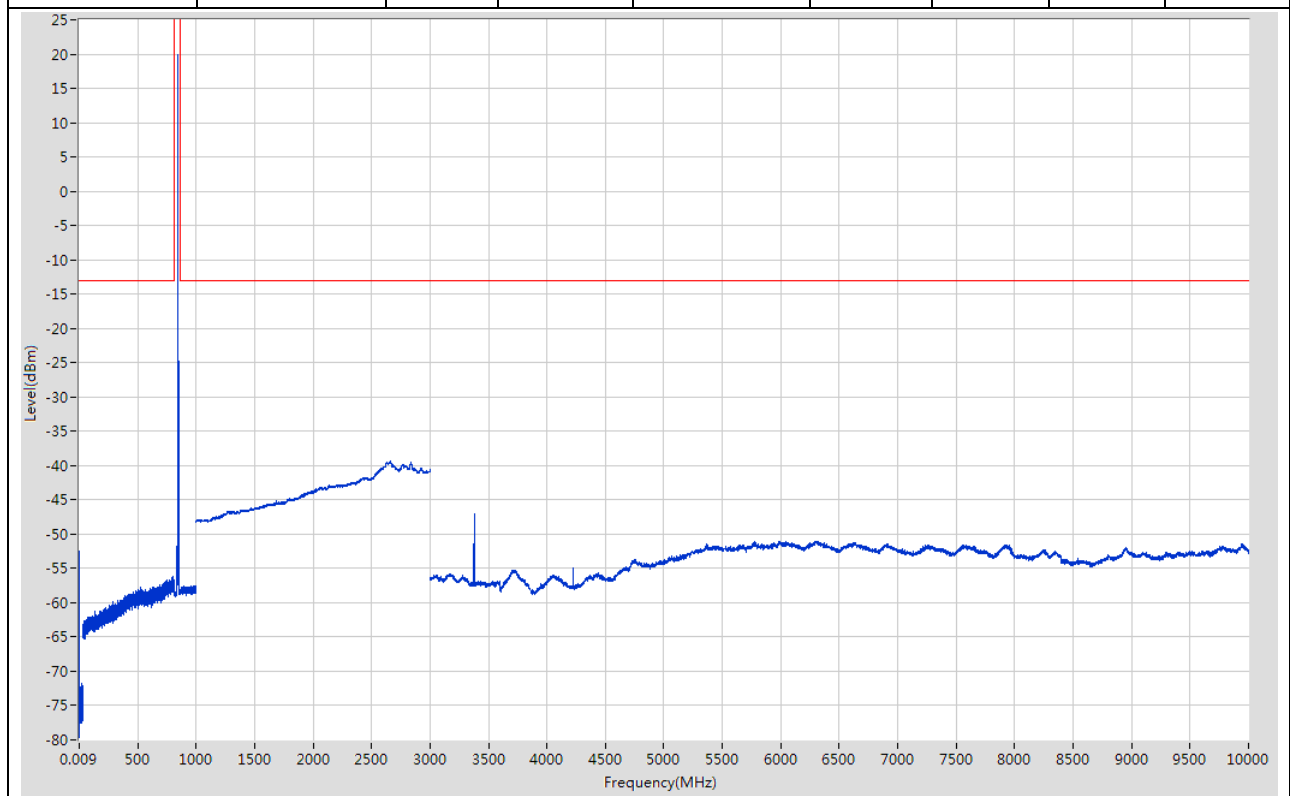| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.78	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.4	-13	Pass	2985
30	814	0.1	RMS	797.798	-56.53	-13	Pass	7840
814	860	0.1	RMS	834.317	19.13	60	Pass	601
860	1000	0.1	RMS	999.3	-57.64	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.45	-13	Pass	2000
3000	10000	1	RMS	3337.048	-49.18	-13	Pass	7000

1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

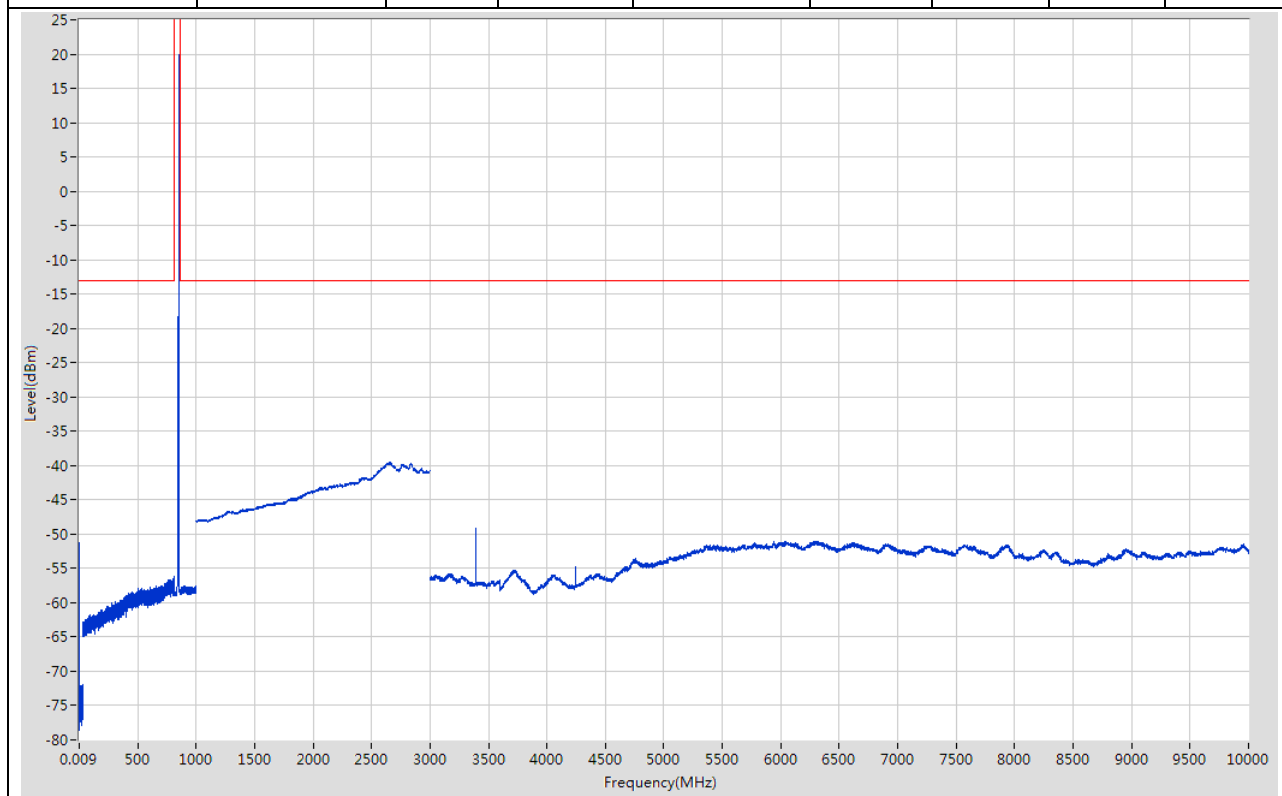| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.82	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.15	-13	Pass	2985
30	814	0.1	RMS	807.399	-56.49	-13	Pass	7840
814	860	0.1	RMS	838.687	19	60	Pass	601
860	1000	0.1	RMS	936.154	-57.67	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.39	-13	Pass	2000
3000	10000	1	RMS	3355.051	-49.12	-13	Pass	7000

1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

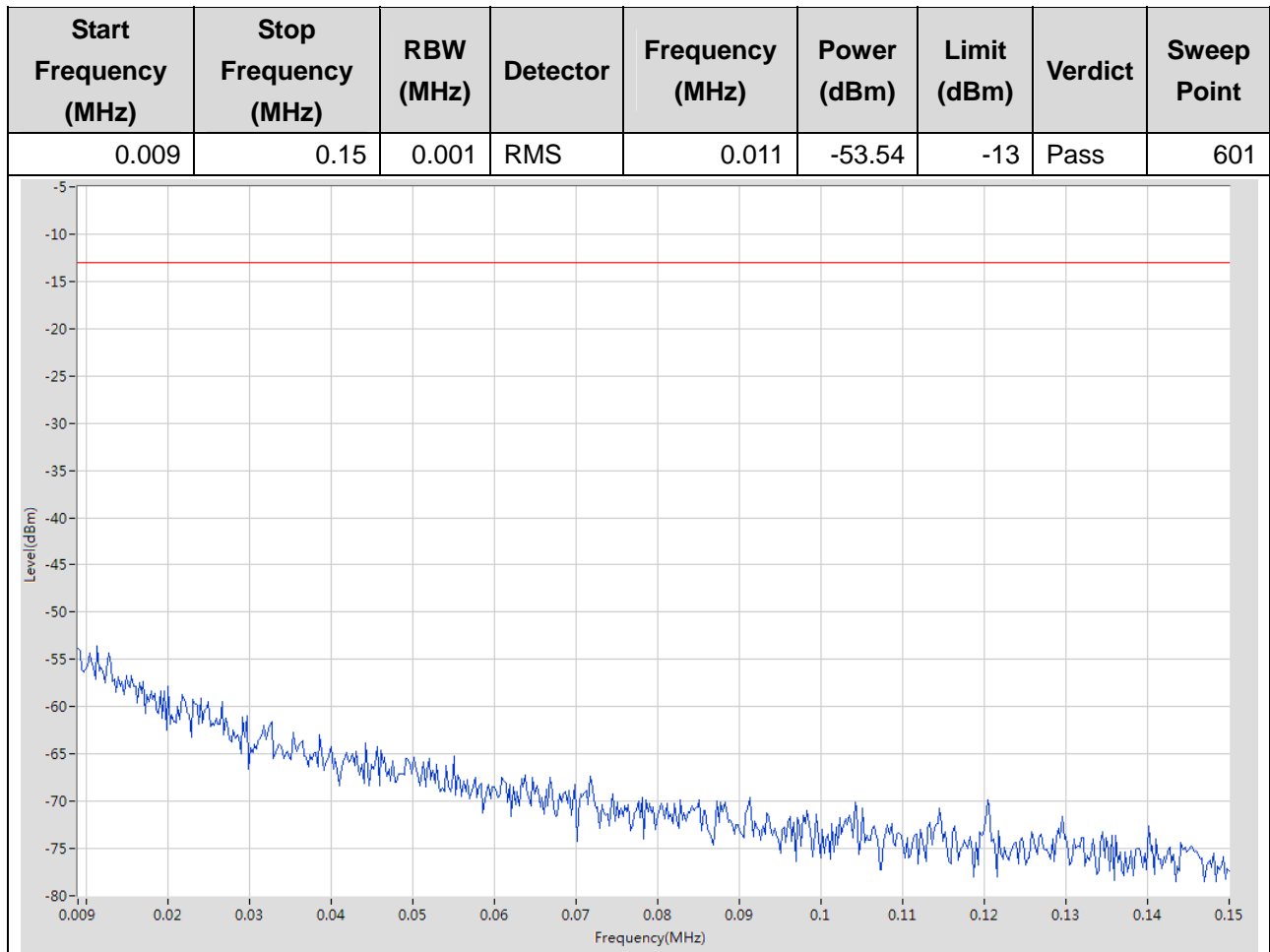| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.62	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.48	-13	Pass	2985
30	814	0.1	RMS	800.098	-56.24	-13	Pass	7840
814	860	0.1	RMS	844.36	19.89	60	Pass	601
860	1000	0.1	RMS	971.88	-57.54	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.4	-13	Pass	2000
3000	10000	1	RMS	3377.054	-47.07	-13	Pass	7000

1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, 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	-52.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-13	Pass	2985
30	814	0.1	RMS	807.799	-56.19	-13	Pass	7840
814	860	0.1	RMS	848.653	20	60	Pass	601
860	1000	0.1	RMS	902.831	-57.58	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.46	-13	Pass	2000
3000	10000	1	RMS	3395.056	-49.07	-13	Pass	7000

1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

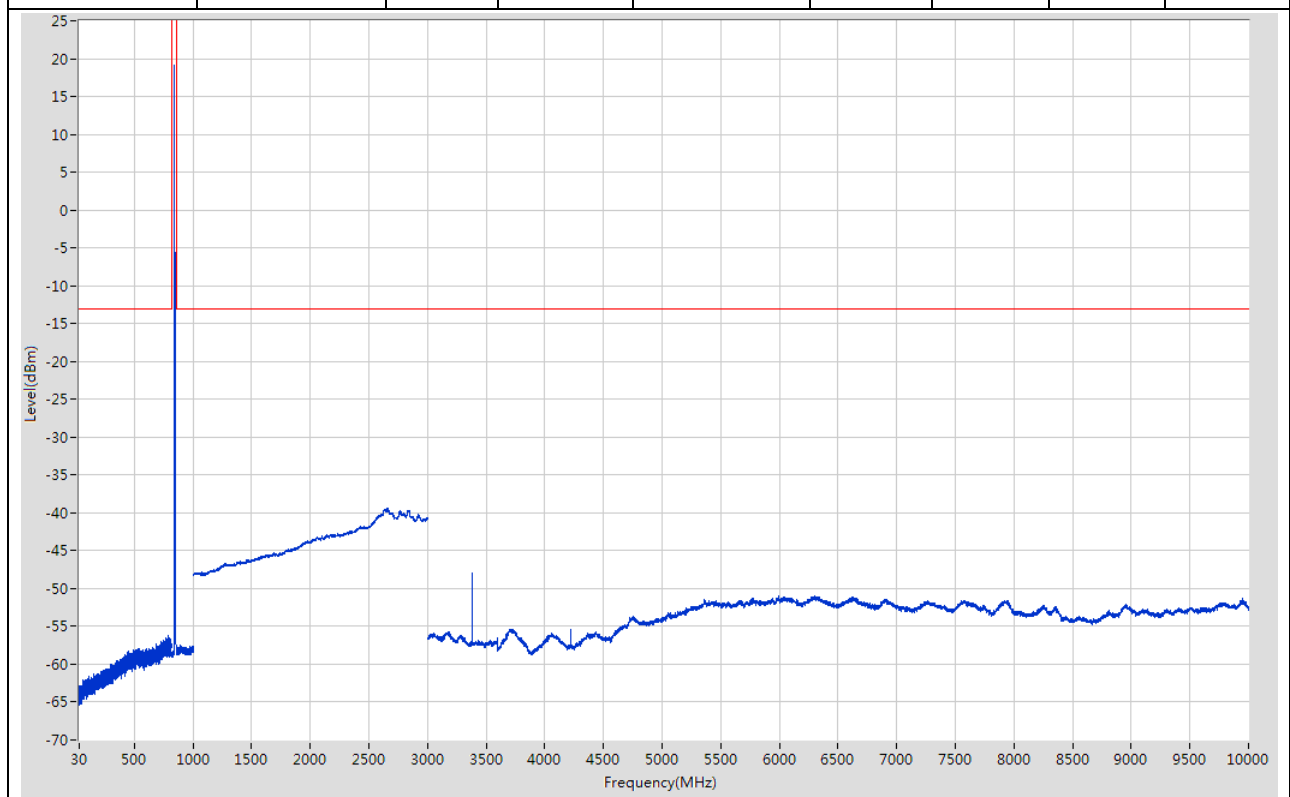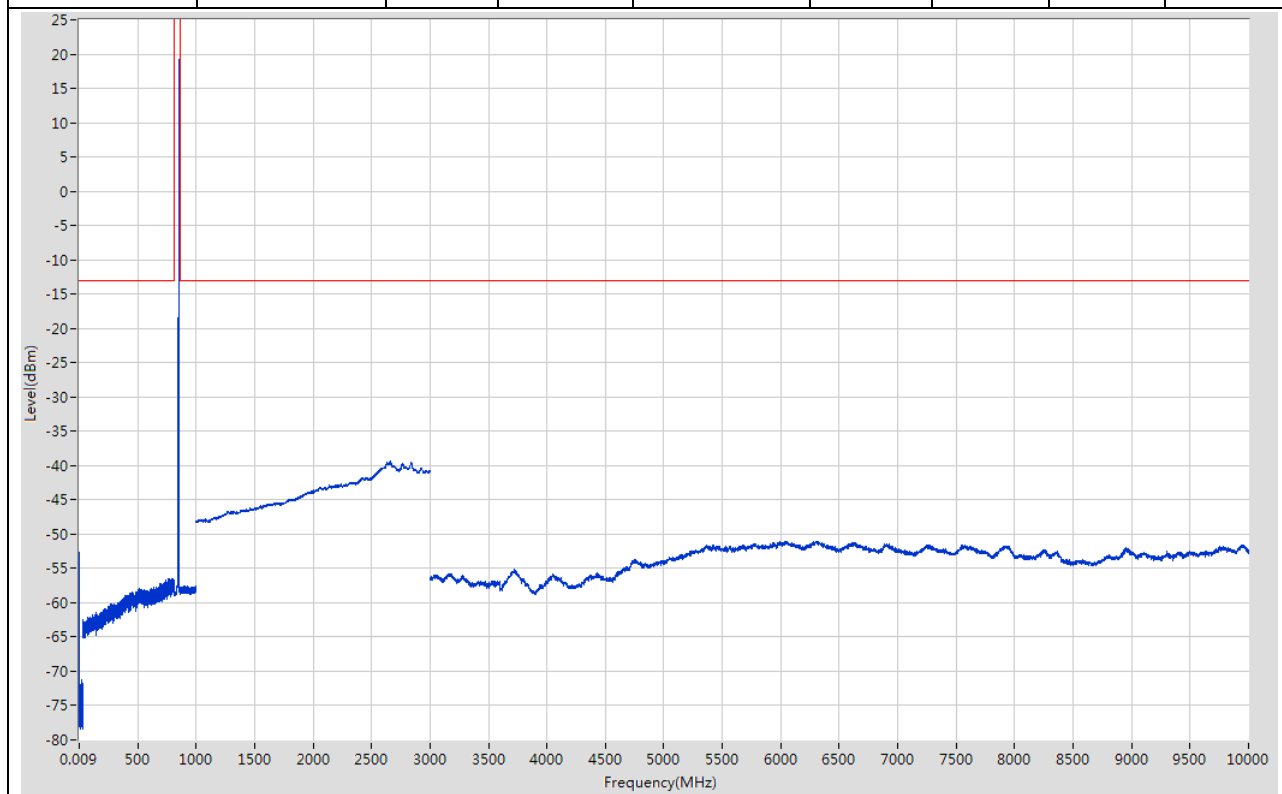| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.54	-13	Pass	601

1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

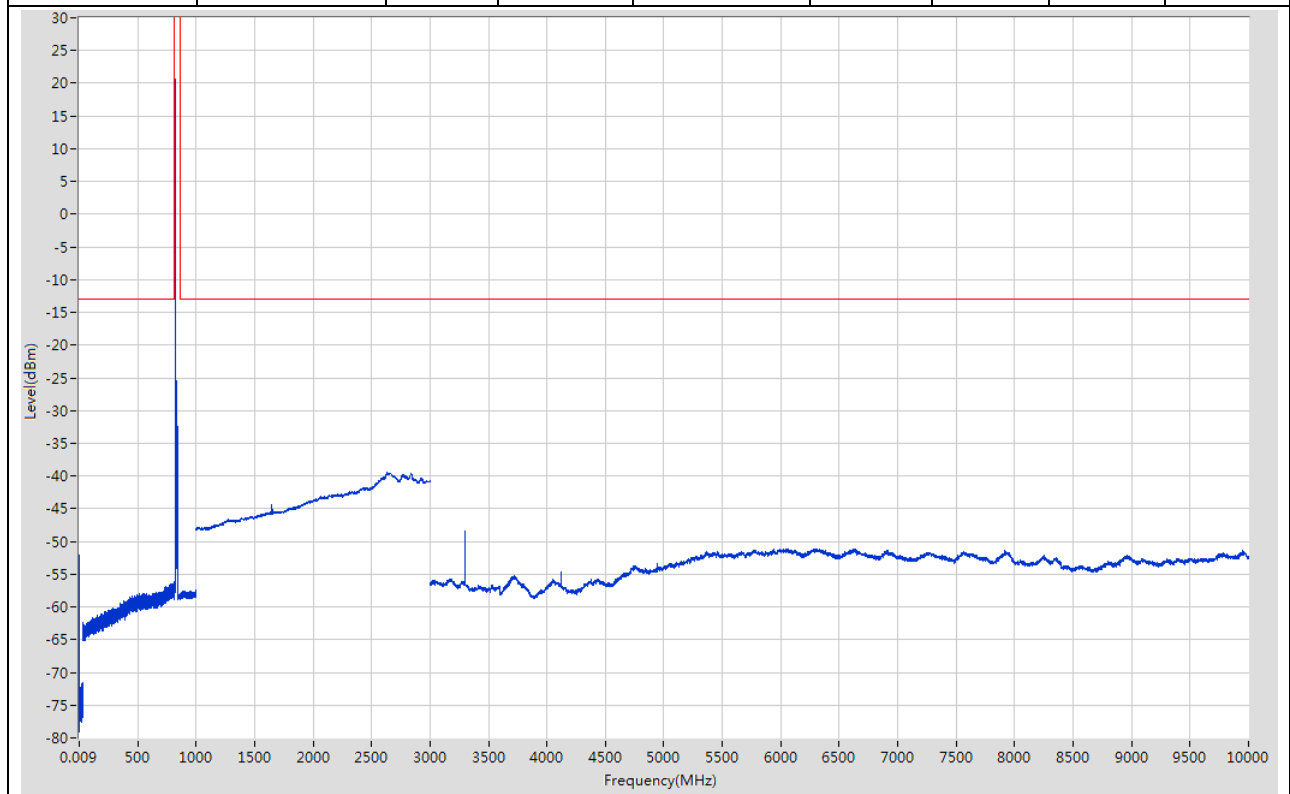| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
30	814	0.1	RMS	783.496	-56.28	-13	Pass	7840
814	860	0.1	RMS	844.36	19.15	60	Pass	601
860	1000	0.1	RMS	892.223	-57.53	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.37	-13	Pass	2000
3000	10000	1	RMS	3377.054	-48.01	-13	Pass	7000

1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

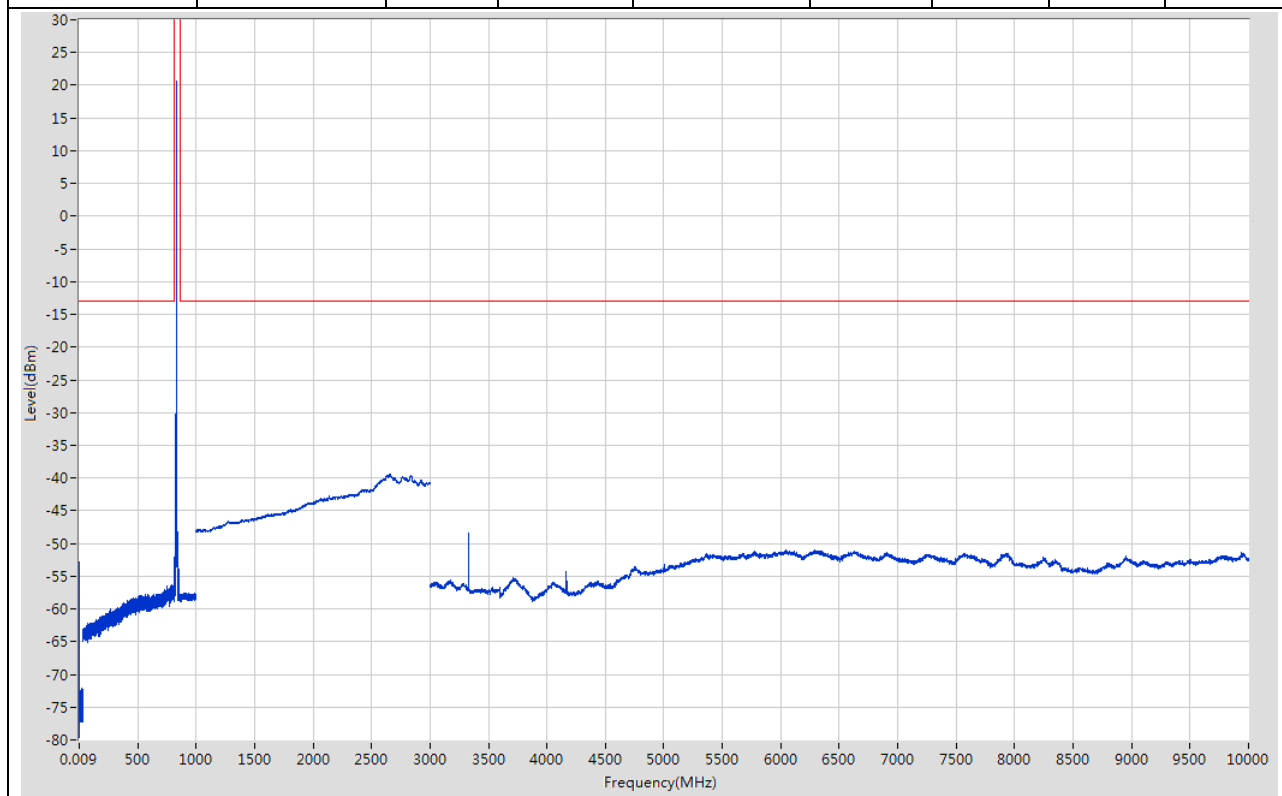| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.56	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.65	-13	Pass	2985
30	814	0.1	RMS	793.897	-56.48	-13	Pass	7840
814	860	0.1	RMS	848.653	19.29	60	Pass	601
860	1000	0.1	RMS	895.625	-57.57	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.39	-13	Pass	2000
3000	10000	1	RMS	6308.473	-51.03	-13	Pass	7000

1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

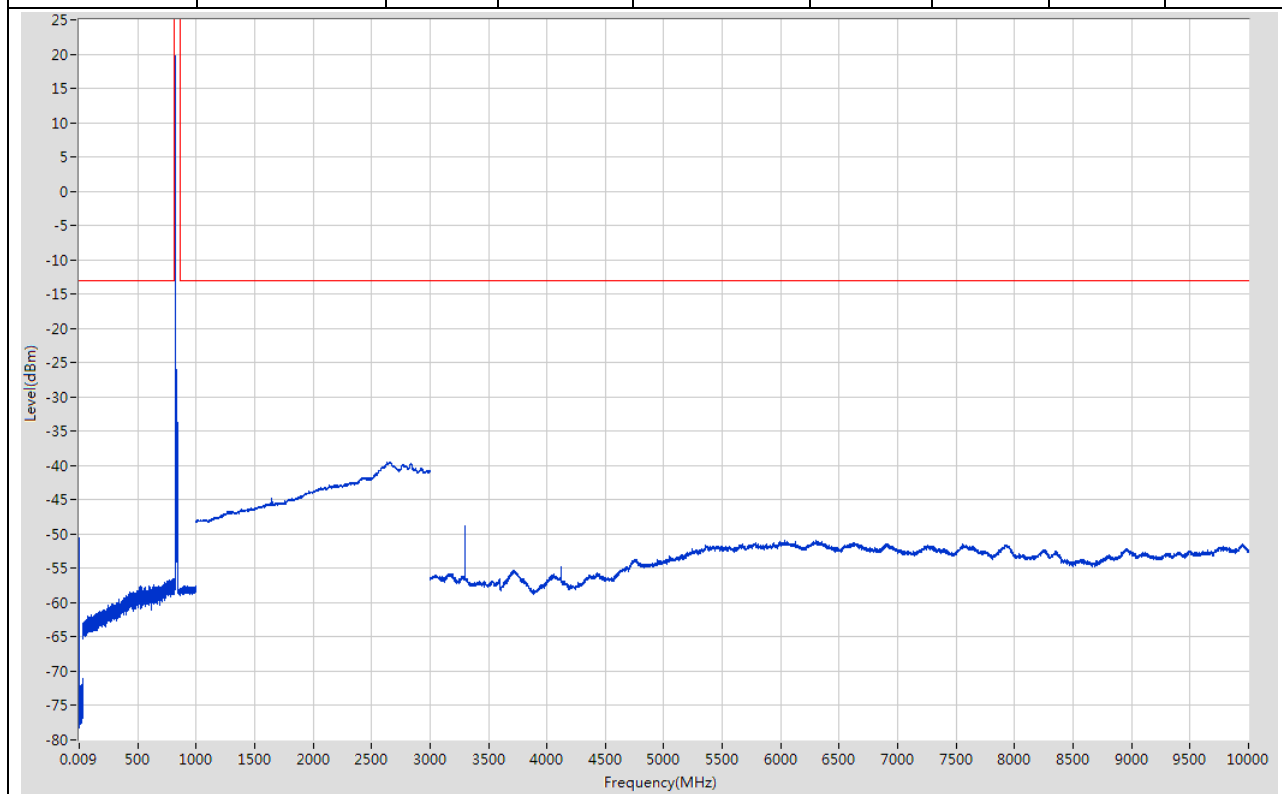| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.18	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.13	-13	Pass	2985
30	814	0.1	RMS	809.599	-56.18	-13	Pass	7840
814	860	0.1	RMS	824.58	20.57	60	Pass	601
860	1000	0.1	RMS	995.297	-57.46	-13	Pass	1400
1000	3000	1	RMS	2631.816	-39.47	-13	Pass	2000
3000	10000	1	RMS	3298.043	-48.34	-13	Pass	7000

1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

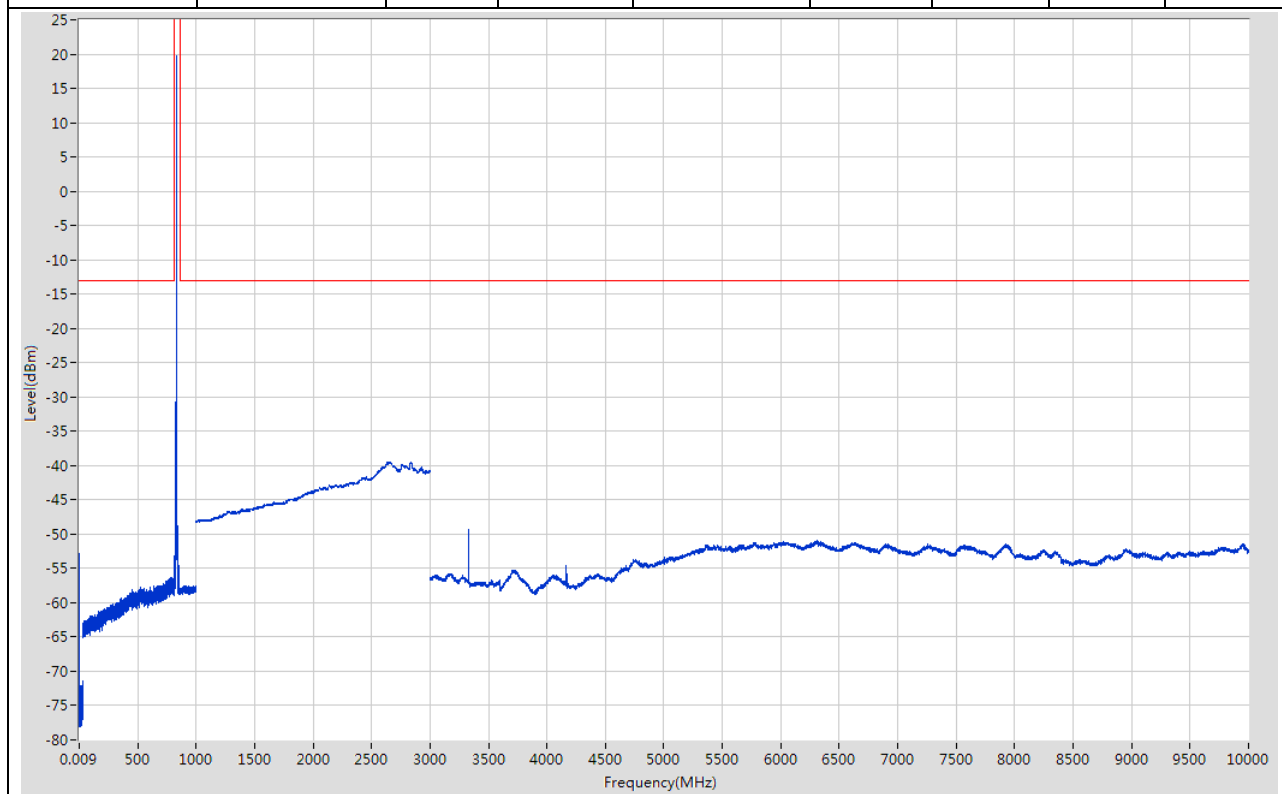| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.77	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.27	-13	Pass	2985
30	814	0.1	RMS	796.298	-56.26	-13	Pass	7840
814	860	0.1	RMS	833.397	20.55	60	Pass	601
860	1000	0.1	RMS	940.057	-57.55	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.41	-13	Pass	2000
3000	10000	1	RMS	3334.048	-48.38	-13	Pass	7000

1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

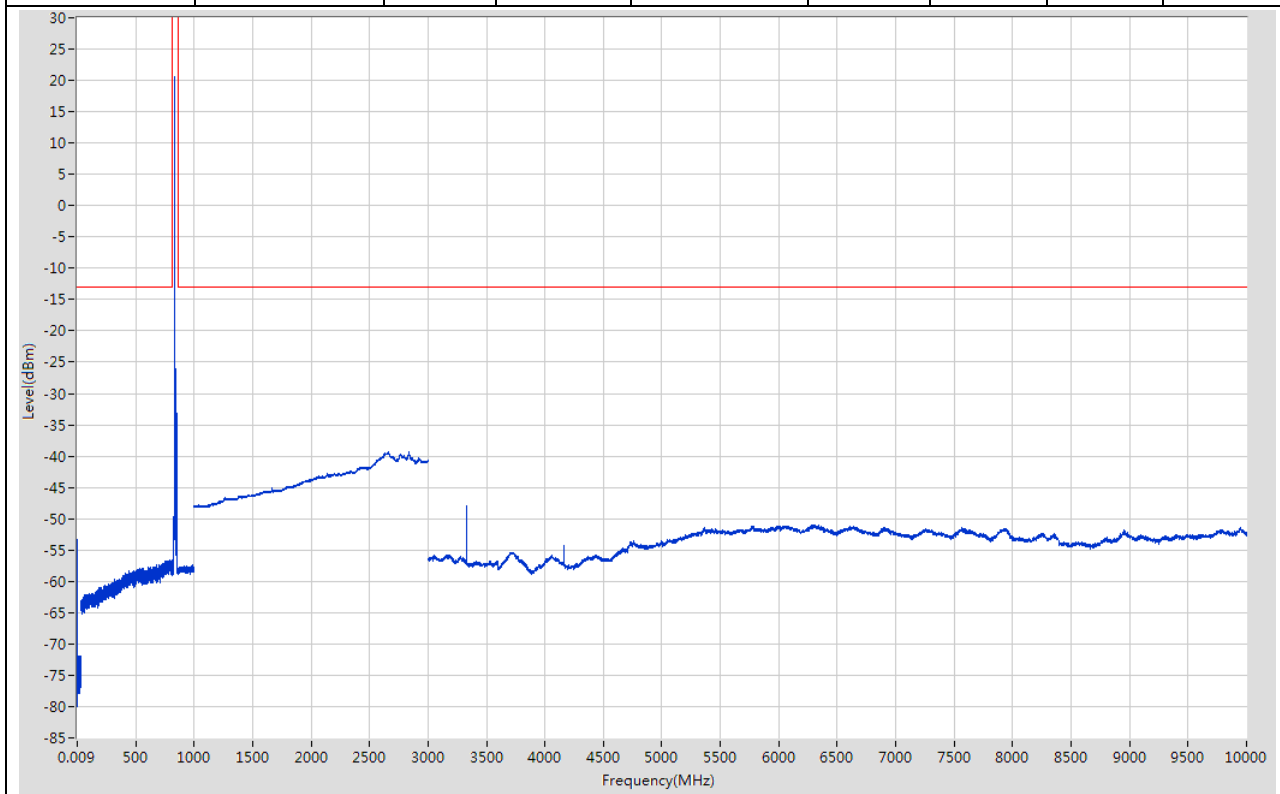| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.62	-13	Pass	2985
30	814	0.1	RMS	805.399	-56.52	-13	Pass	7840
814	860	0.1	RMS	824.58	19.67	60	Pass	601
860	1000	0.1	RMS	929.45	-57.6	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.43	-13	Pass	2000
3000	10000	1	RMS	3298.043	-48.81	-13	Pass	7000

1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

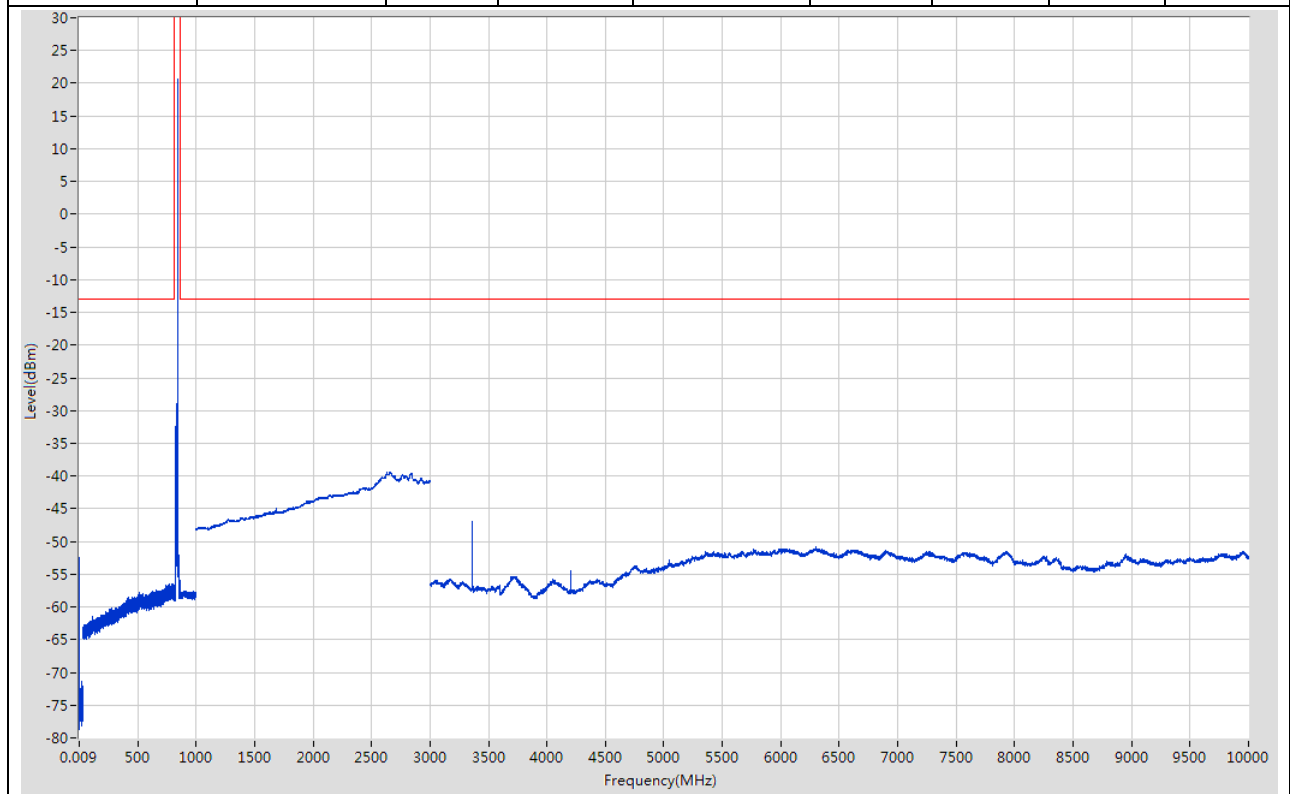| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.57	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.83	-13	Pass	2985
30	814	0.1	RMS	807.599	-56.32	-13	Pass	7840
814	860	0.1	RMS	833.397	19.75	60	Pass	601
860	1000	0.1	RMS	915.84	-57.51	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.43	-13	Pass	2000
3000	10000	1	RMS	3334.048	-49.4	-13	Pass	7000

1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

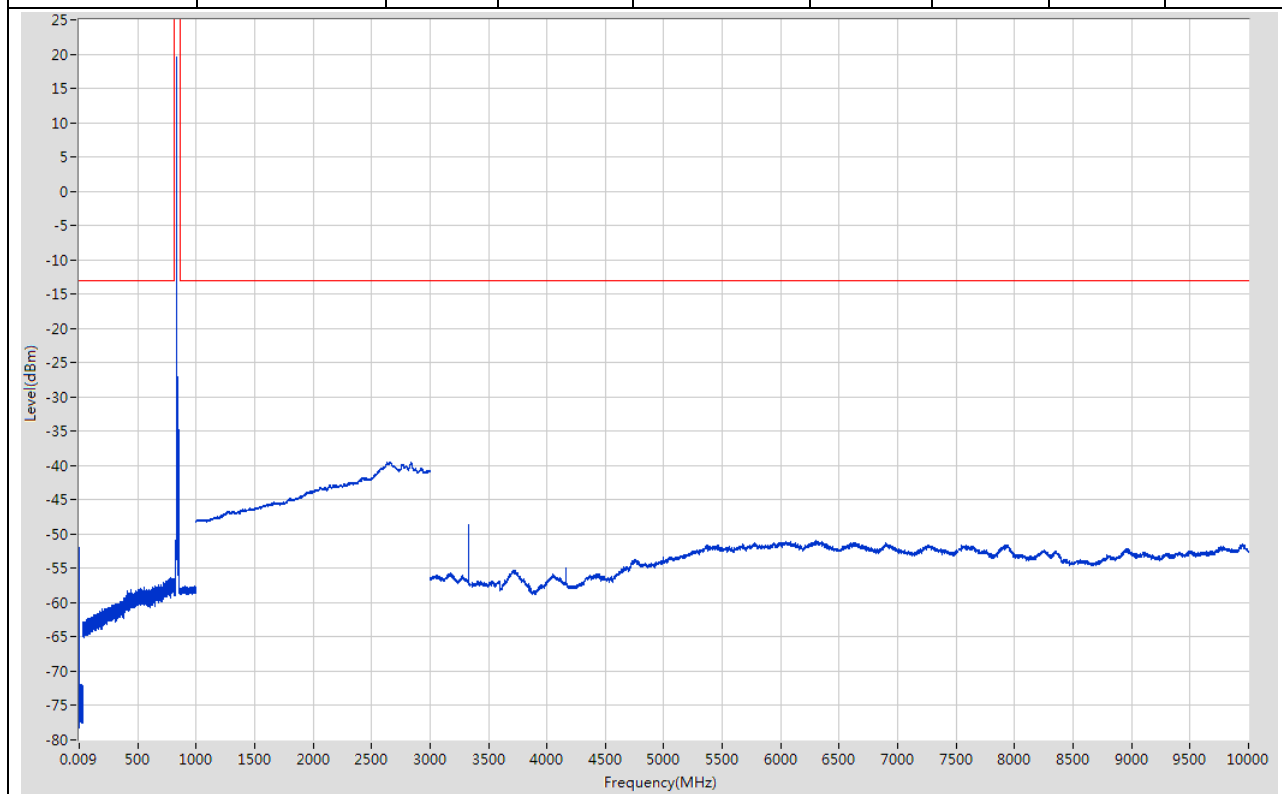| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.24	-13	Pass	2985
30	814	0.1	RMS	807.999	-56.54	-13	Pass	7840
814	860	0.1	RMS	832.093	20.6	60	Pass	601
860	1000	0.1	RMS	989.492	-57.44	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.37	-13	Pass	2000
3000	10000	1	RMS	3328.047	-48.02	-13	Pass	7000

1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

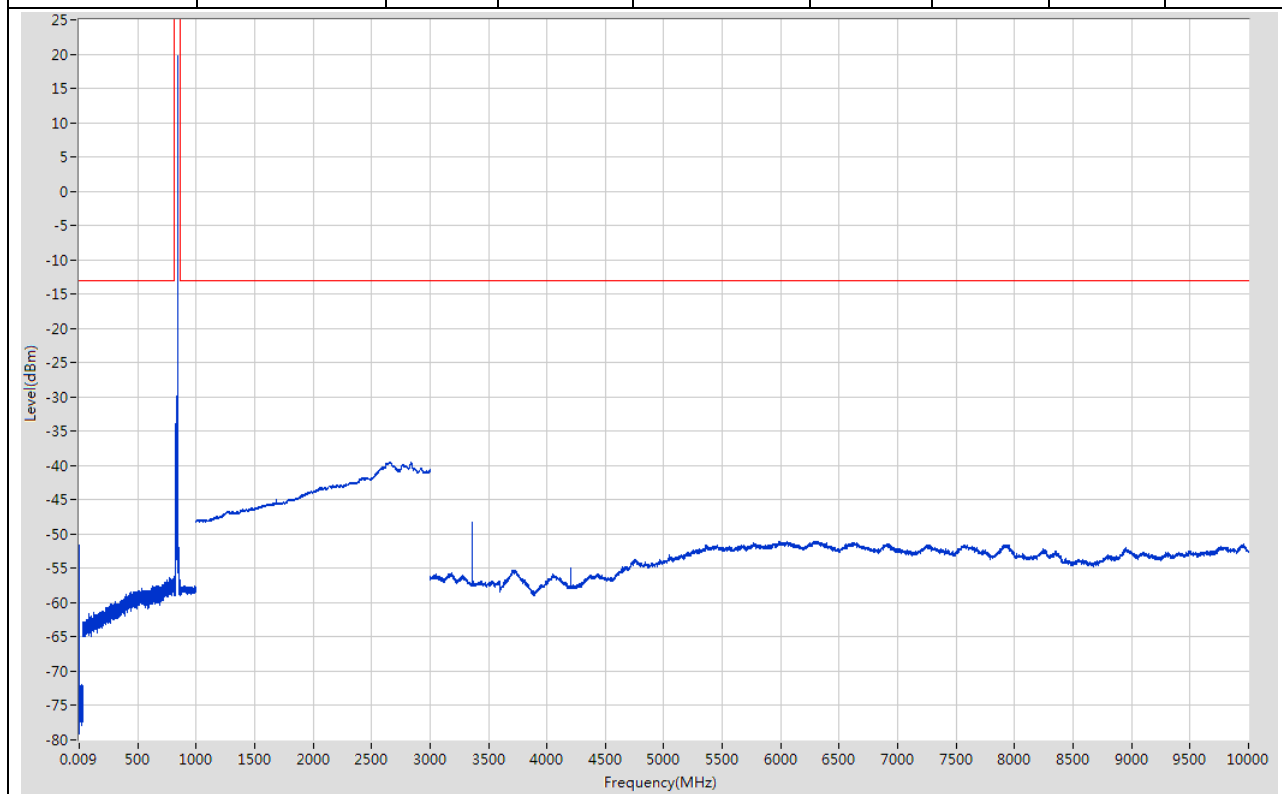| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.46	-13	Pass	2985
30	814	0.1	RMS	791.797	-56.47	-13	Pass	7840
814	860	0.1	RMS	840.91	20.69	60	Pass	601
860	1000	0.1	RMS	894.725	-57.55	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.39	-13	Pass	2000
3000	10000	1	RMS	3364.052	-47.03	-13	Pass	7000

1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

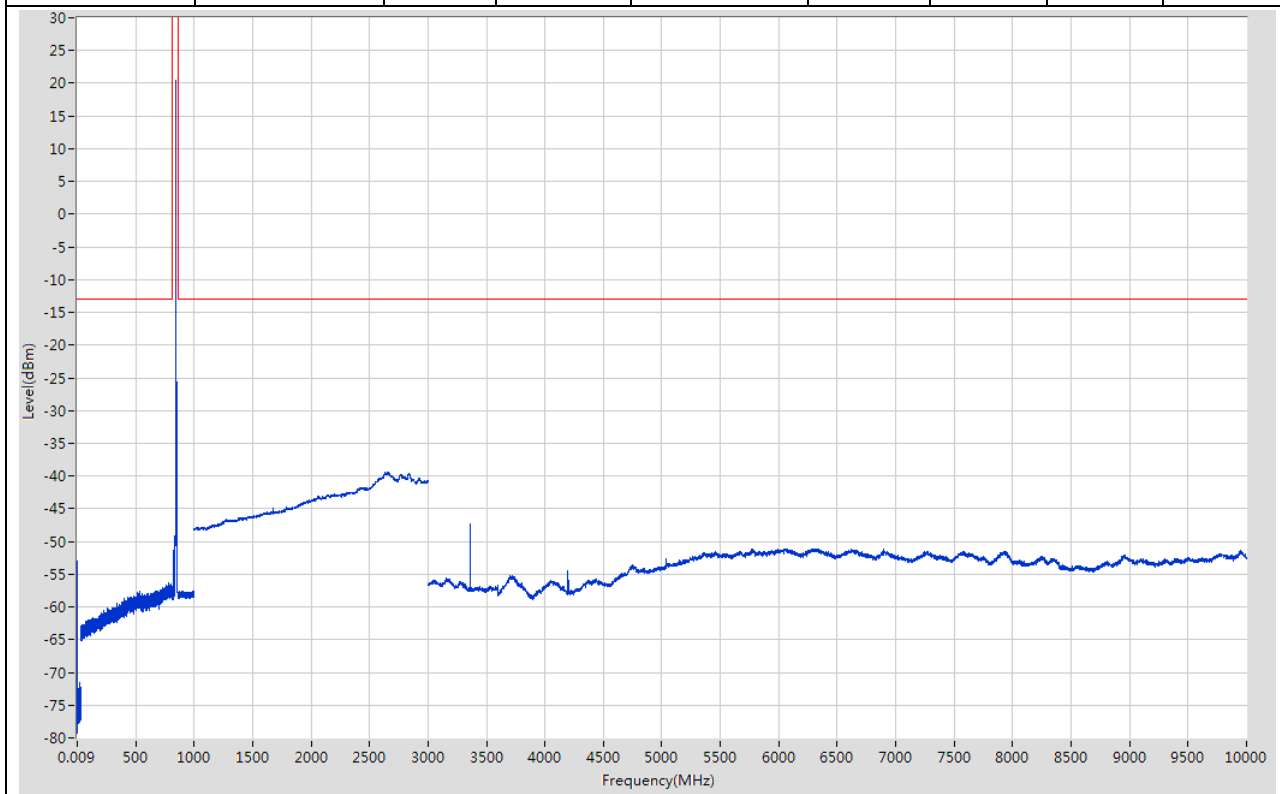| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.5	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52	-13	Pass	2985
30	814	0.1	RMS	780.996	-56.28	-13	Pass	7840
814	860	0.1	RMS	832.093	19.57	60	Pass	601
860	1000	0.1	RMS	908.835	-57.61	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.47	-13	Pass	2000
3000	10000	1	RMS	3328.047	-48.68	-13	Pass	7000

1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

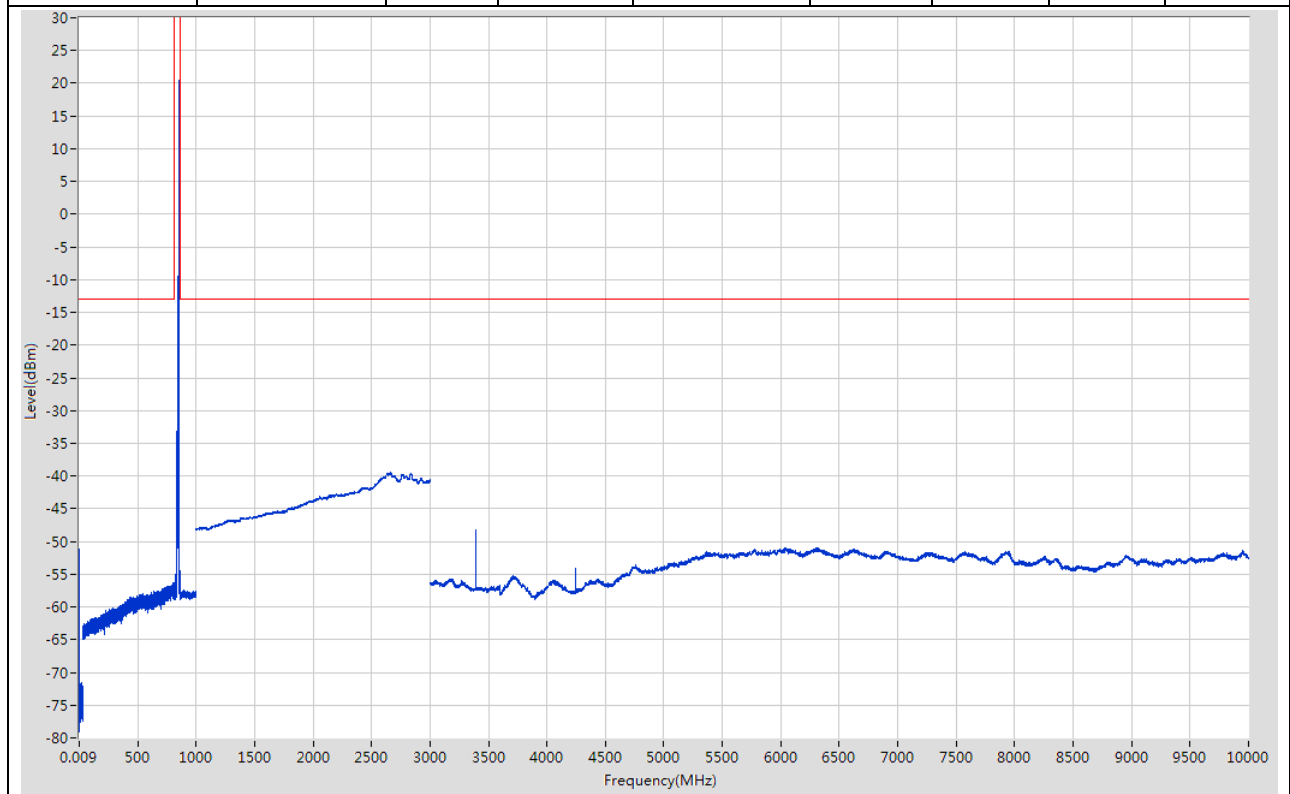| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.53	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.56	-13	Pass	2985
30	814	0.1	RMS	813.6	-56.07	-13	Pass	7840
814	860	0.1	RMS	840.91	19.8	60	Pass	601
860	1000	0.1	RMS	900.829	-57.51	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.48	-13	Pass	2000
3000	10000	1	RMS	3364.052	-48.3	-13	Pass	7000

1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

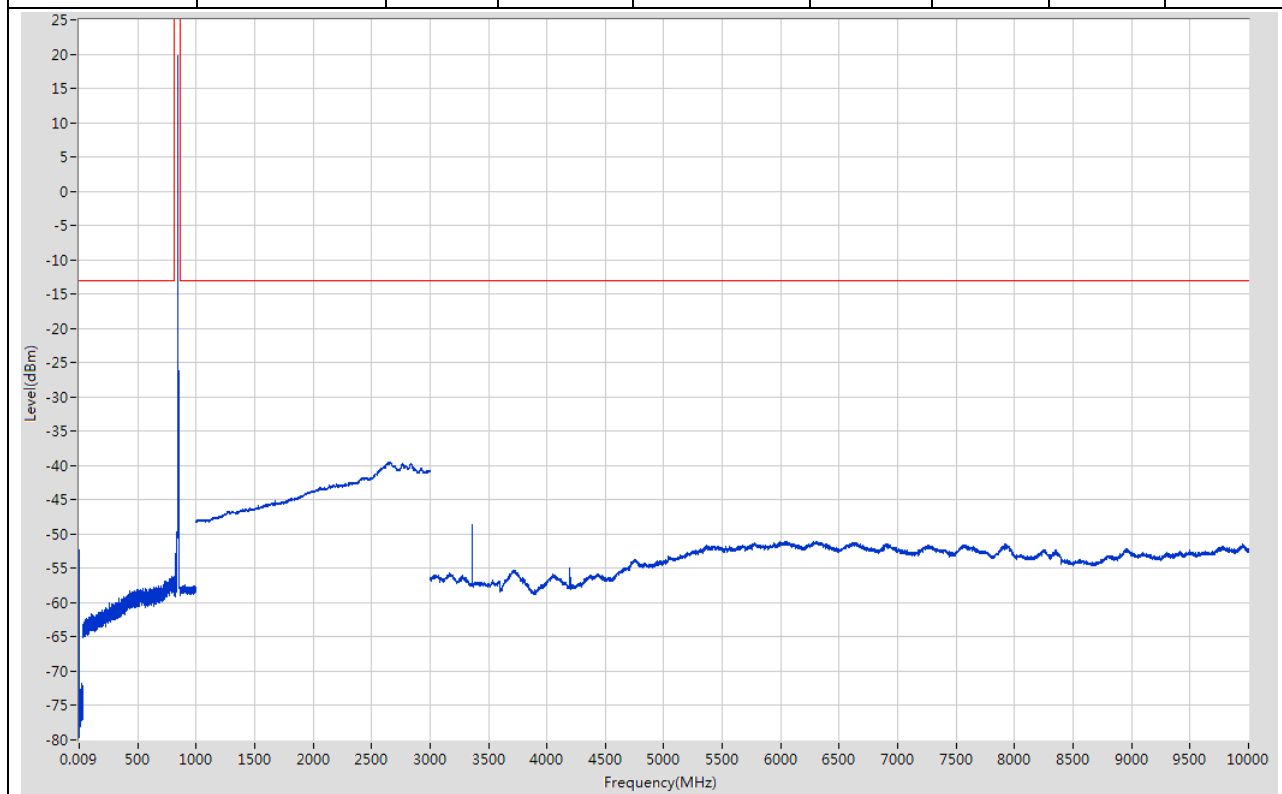| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.27	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.98	-13	Pass	2985
30	814	0.1	RMS	783.396	-56.37	-13	Pass	7840
814	860	0.1	RMS	839.607	20.53	60	Pass	601
860	1000	0.1	RMS	899.828	-57.53	-13	Pass	1400
1000	3000	1	RMS	2629.815	-39.47	-13	Pass	2000
3000	10000	1	RMS	3358.051	-47.25	-13	Pass	7000

1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

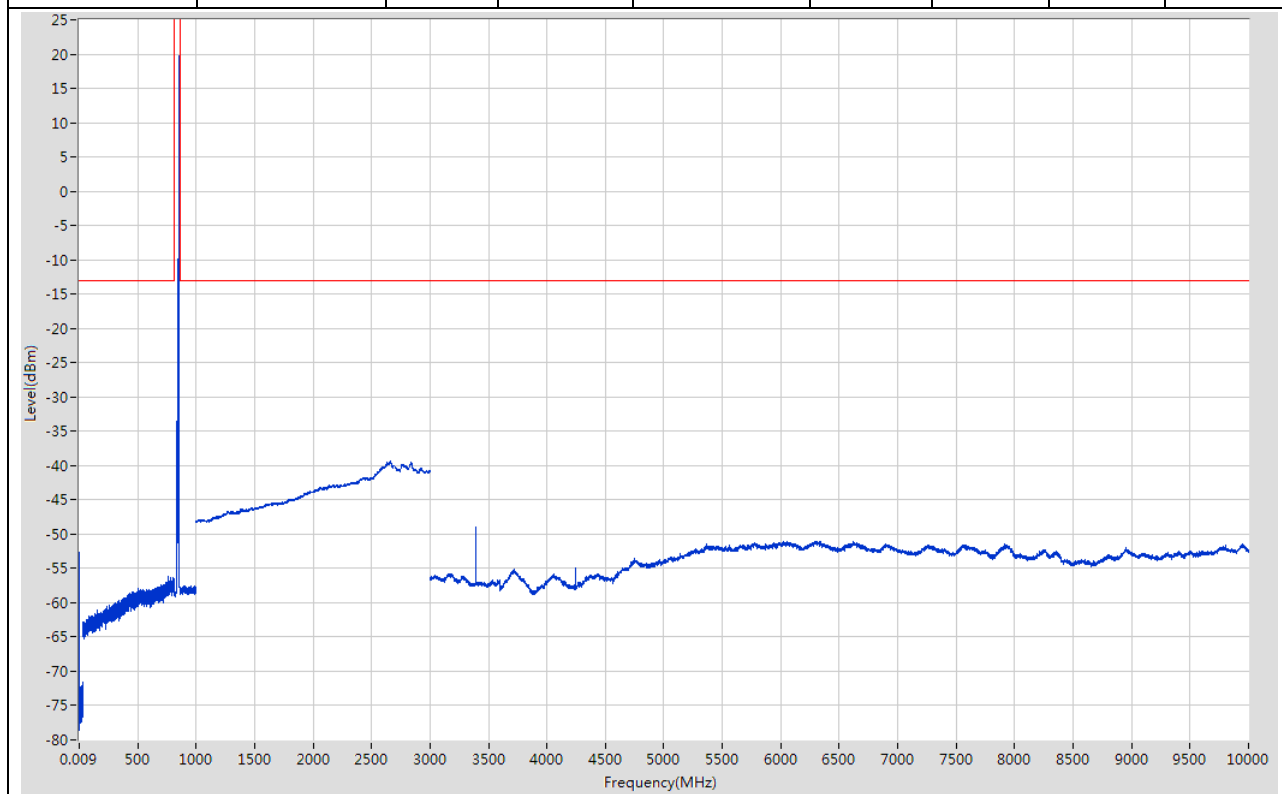| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-54.13	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.15	-13	Pass	2985
30	814	0.1	RMS	805.199	-56.31	-13	Pass	7840
814	860	0.1	RMS	848.423	20.46	60	Pass	601
860	1000	0.1	RMS	860.5	-56.78	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.46	-13	Pass	2000
3000	10000	1	RMS	3394.056	-48.19	-13	Pass	7000

1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, 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	-52.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.31	-13	Pass	2985
30	814	0.1	RMS	808.899	-56.09	-13	Pass	7840
814	860	0.1	RMS	839.607	19.8	60	Pass	601
860	1000	0.1	RMS	900.629	-57.44	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.45	-13	Pass	2000
3000	10000	1	RMS	3358.051	-48.56	-13	Pass	7000

1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, 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	-53.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.57	-13	Pass	2985
30	814	0.1	RMS	765.094	-56.13	-13	Pass	7840
814	860	0.1	RMS	848.423	19.68	60	Pass	601
860	1000	0.1	RMS	901.93	-57.55	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.4	-13	Pass	2000
3000	10000	1	RMS	3394.056	-48.97	-13	Pass	7000

END