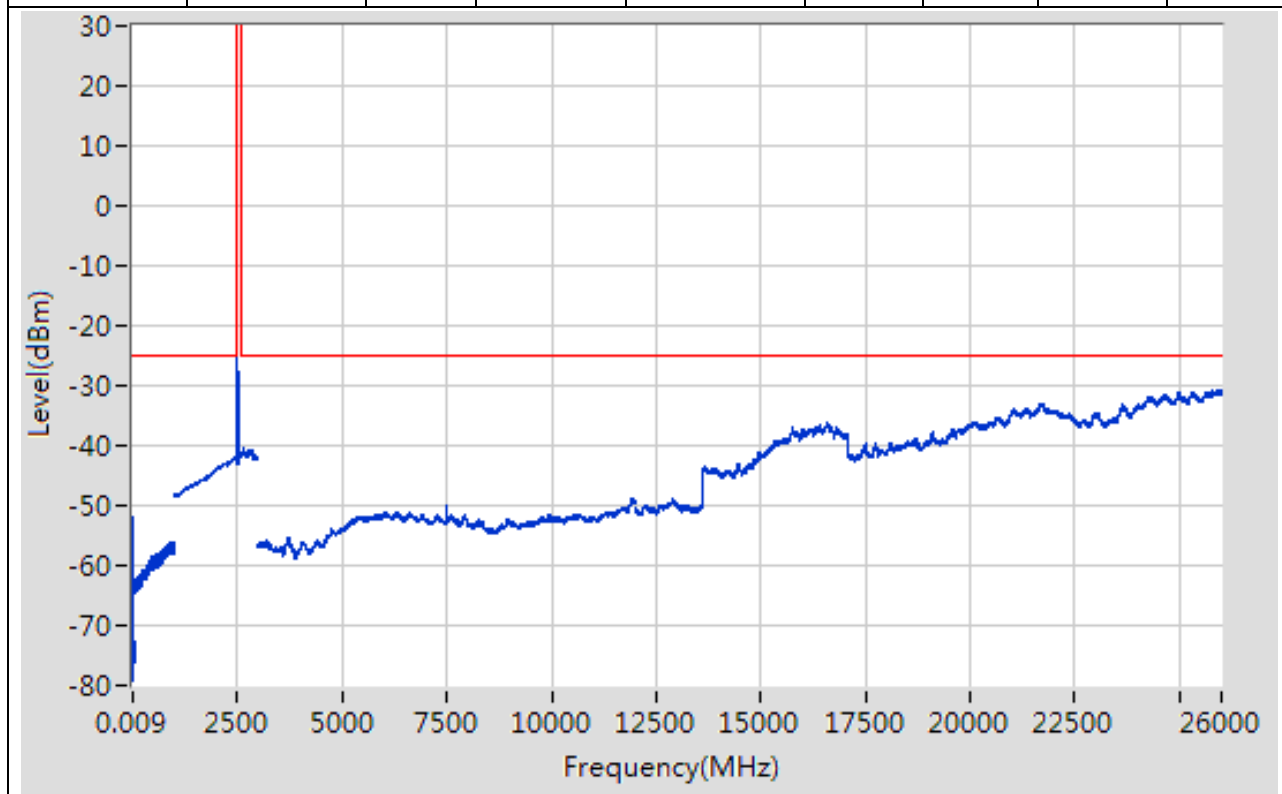# Annex C. LTE Transmitter Spurious Emissions
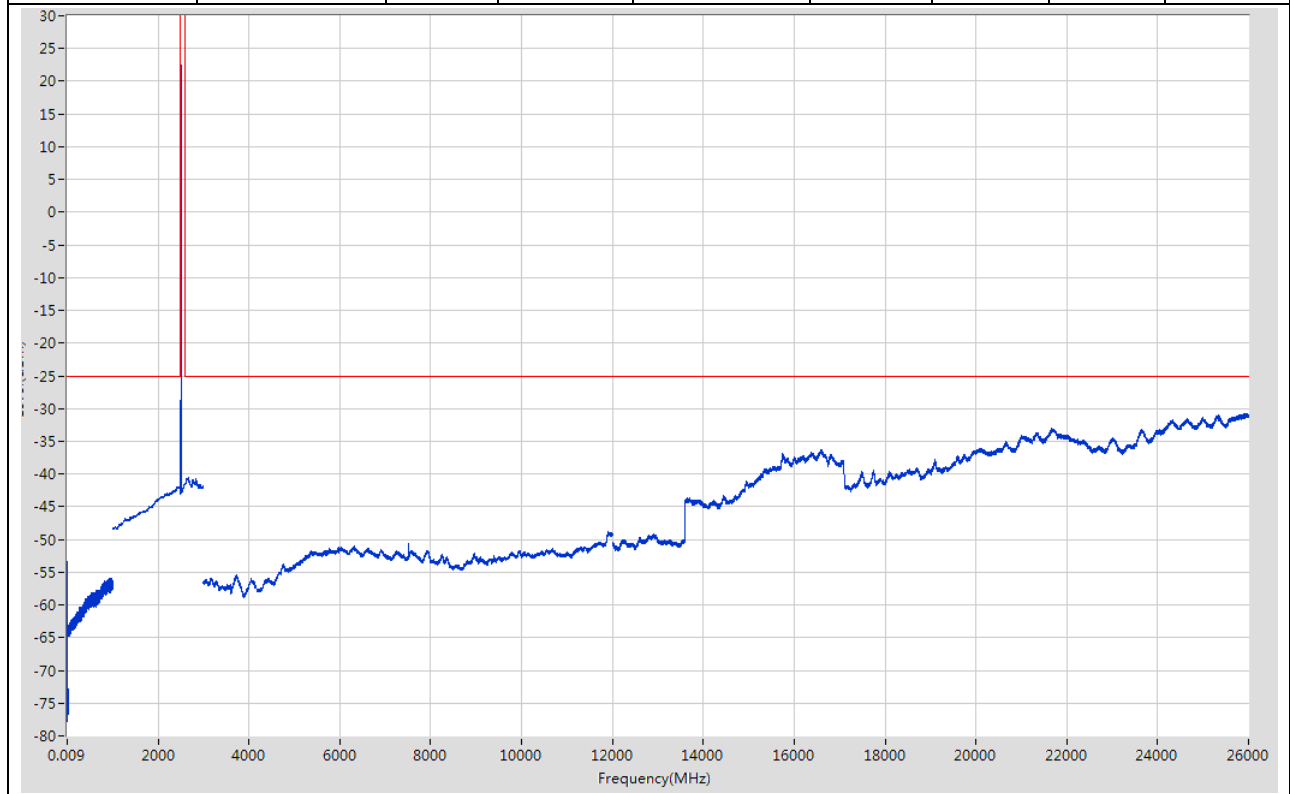
1. LTE_Band7

1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

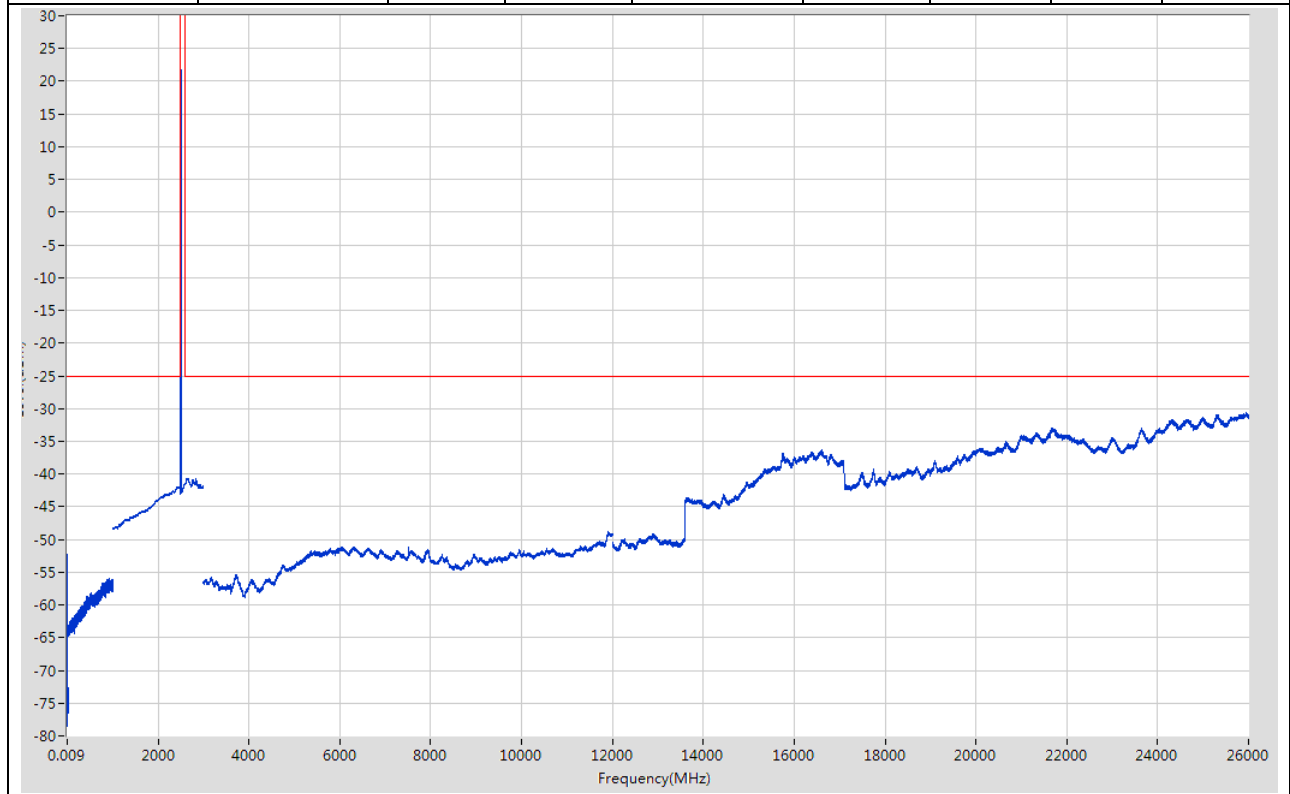| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.96	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.03	-25	Pass	2985
30	1000	0.1	RMS	896.889	-56	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.89	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.52	60	Pass	601
2580	3000	1	RMS	2659.8	-40.58	-25	Pass	601
3000	12000	1	RMS	11905.99	-48.9	-25	Pass	9000
12000	26000	1	RMS	25951.997	-30.76	-25	Pass	14000

1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

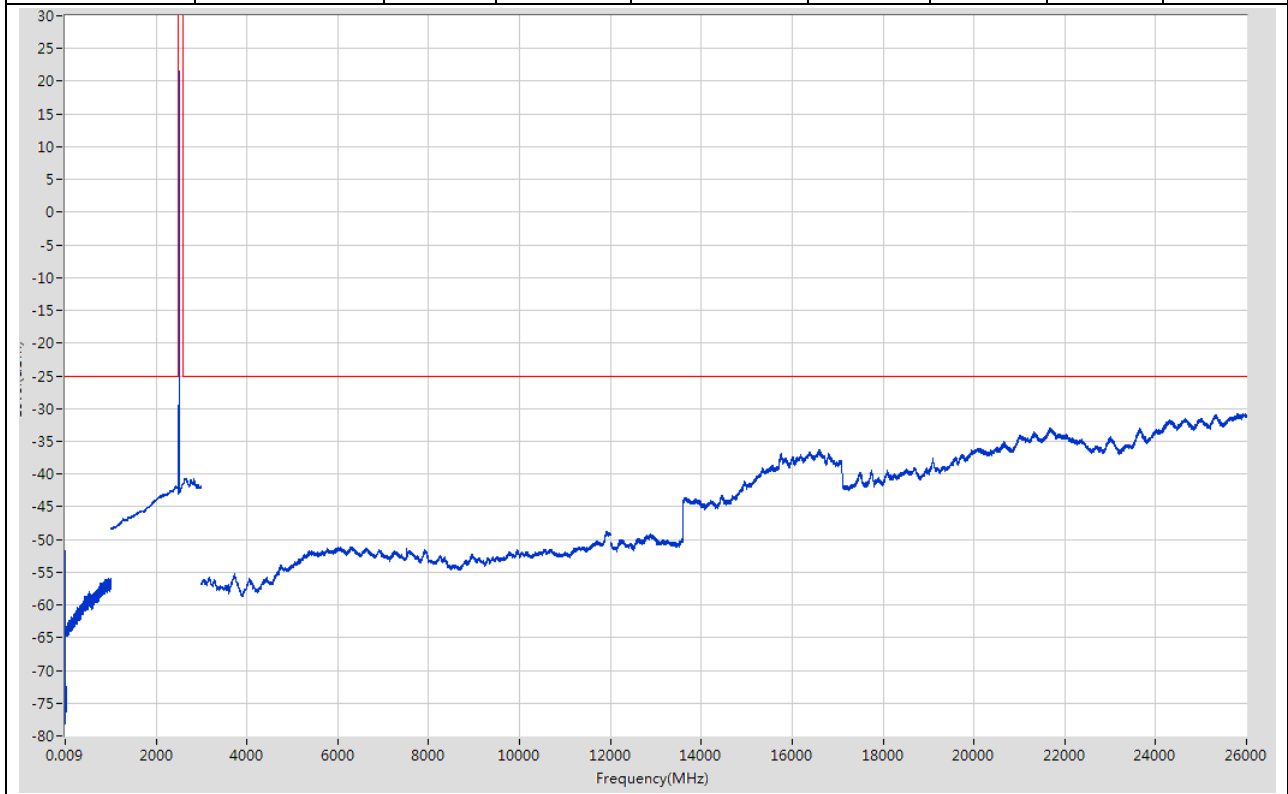| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.96	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.32	-25	Pass	2985
30	1000	0.1	RMS	991.699	-55.89	-25	Pass	9700
1000	2490	1	RMS	2426.958	-41.95	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.42	60	Pass	601
2580	3000	1	RMS	2659.8	-40.6	-25	Pass	601
3000	12000	1	RMS	11906.99	-48.86	-25	Pass	9000
12000	26000	1	RMS	25927.995	-30.74	-25	Pass	14000

1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

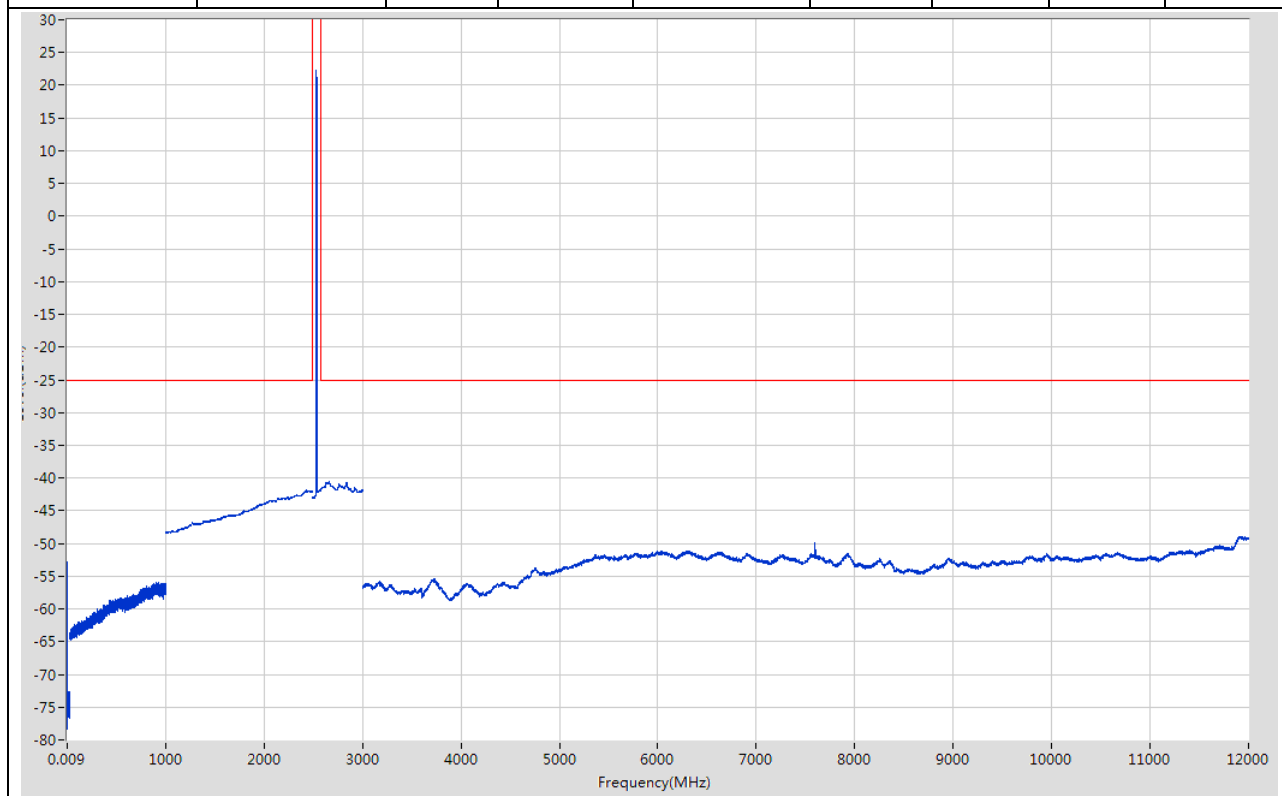| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.96	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.29	-25	Pass	2985
30	1000	0.1	RMS	915.691	-55.95	-25	Pass	9700
1000	2490	1	RMS	2428.959	-41.91	-25	Pass	1490
2490	2580	1	RMS	2500.35	21.66	60	Pass	601
2580	3000	1	RMS	2660.5	-40.61	-25	Pass	601
3000	12000	1	RMS	11908.99	-48.83	-25	Pass	9000
12000	26000	1	RMS	25949.996	-30.64	-25	Pass	14000

1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

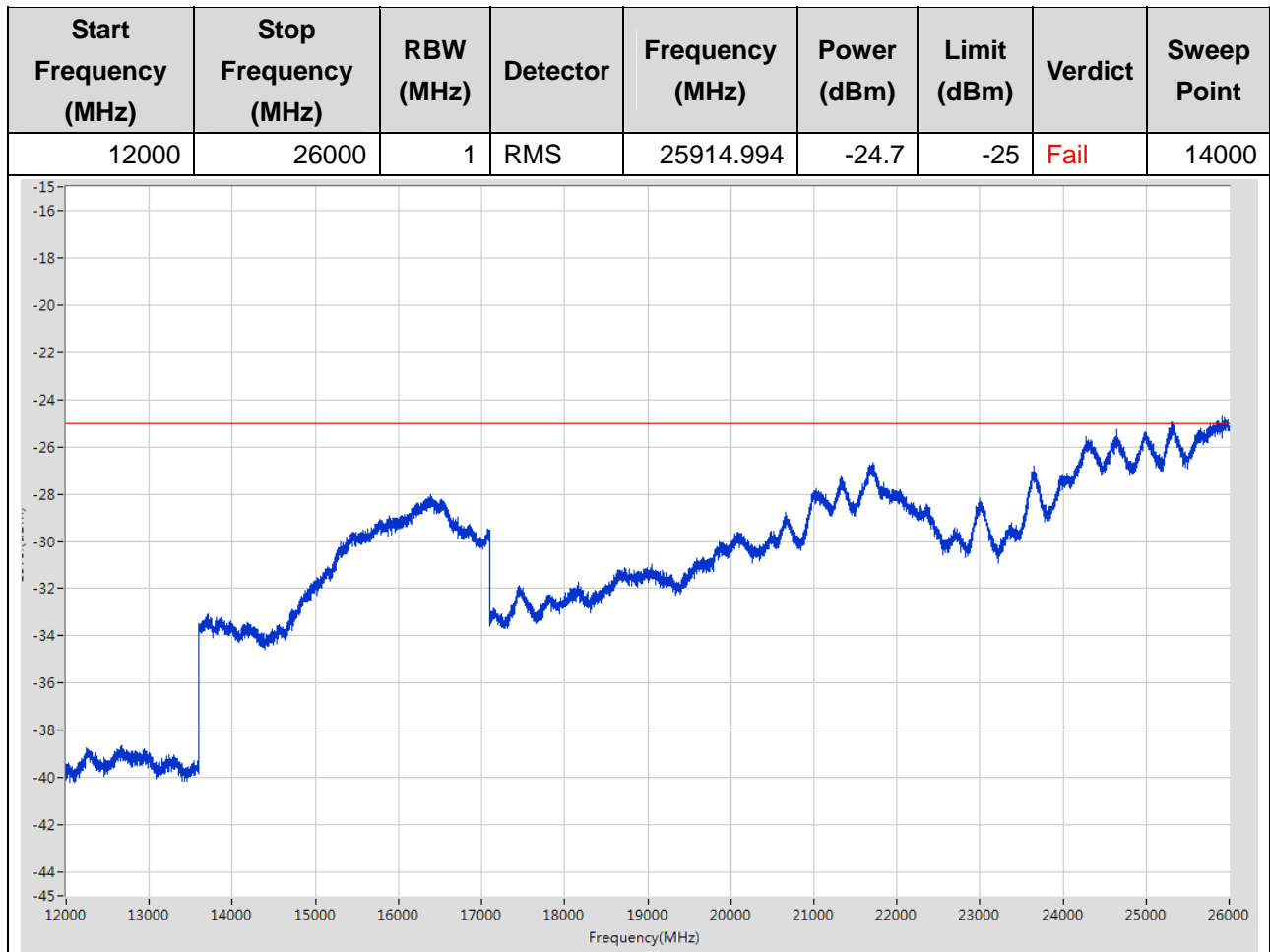| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.28	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.75	-25	Pass	2985
30	1000	0.1	RMS	994.599	-56.01	-25	Pass	9700
1000	2490	1	RMS	2426.958	-41.87	-25	Pass	1490
2490	2580	1	RMS	2504.7	21.56	60	Pass	601
2580	3000	1	RMS	2659.1	-40.61	-25	Pass	601
3000	12000	1	RMS	11906.99	-48.78	-25	Pass	9000
12000	26000	1	RMS	25920.994	-30.74	-25	Pass	14000

1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:21100, 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	-53.15	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.79	-25	Pass	2985
30	1000	0.1	RMS	901.89	-55.9	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.89	-25	Pass	1490
2490	2580	1	RMS	2532.9	22.23	60	Pass	601
2580	3000	1	RMS	2659.1	-40.57	-25	Pass	601
3000	12000	1	RMS	11908.99	-48.91	-25	Pass	9000

1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

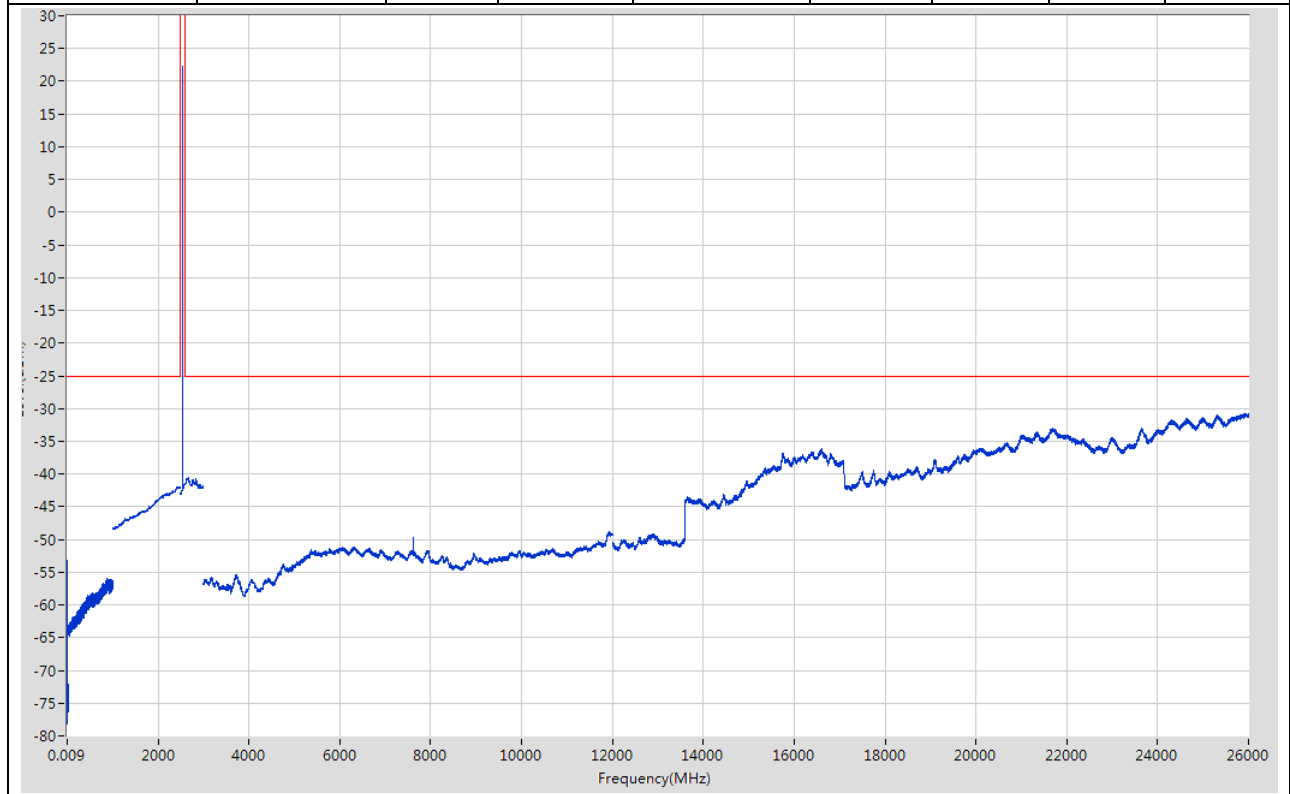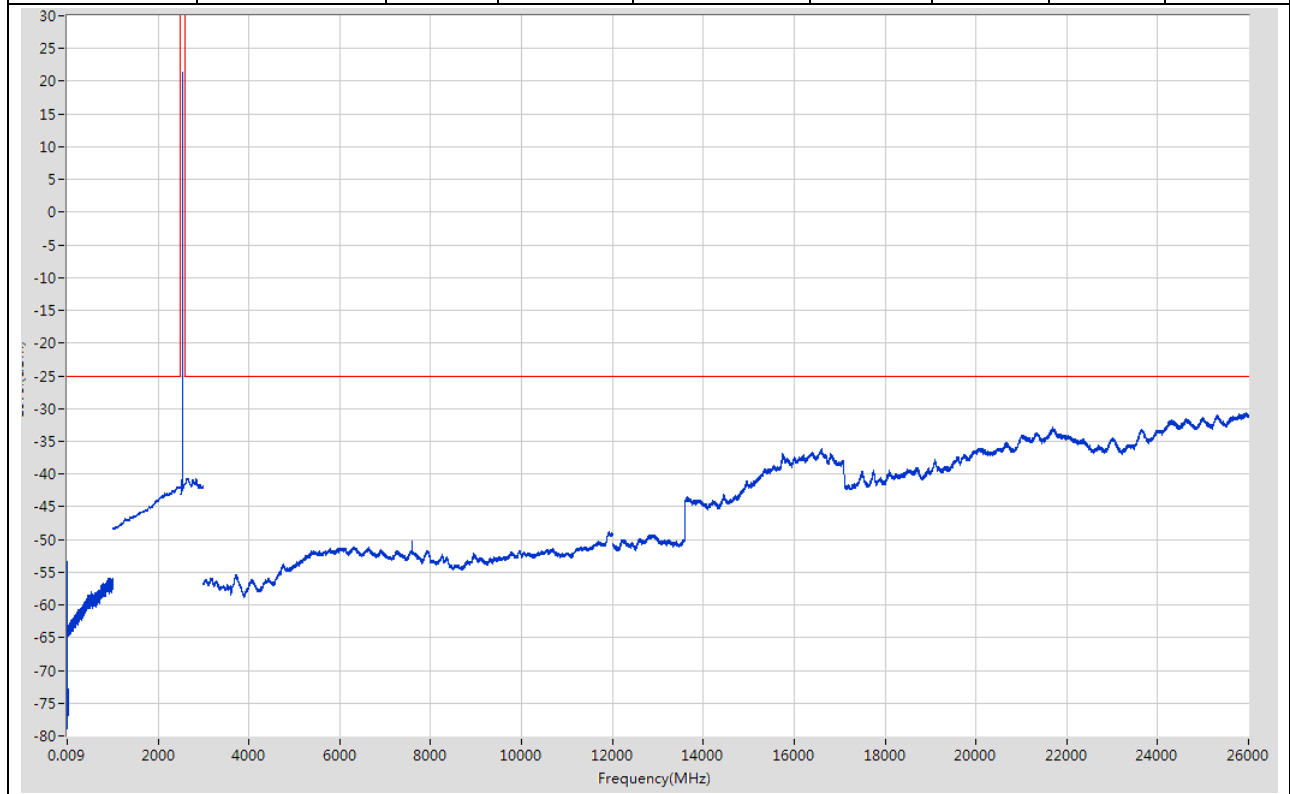| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
12000	26000	1	RMS	25914.994	-24.7	-25	Fail	14000

1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

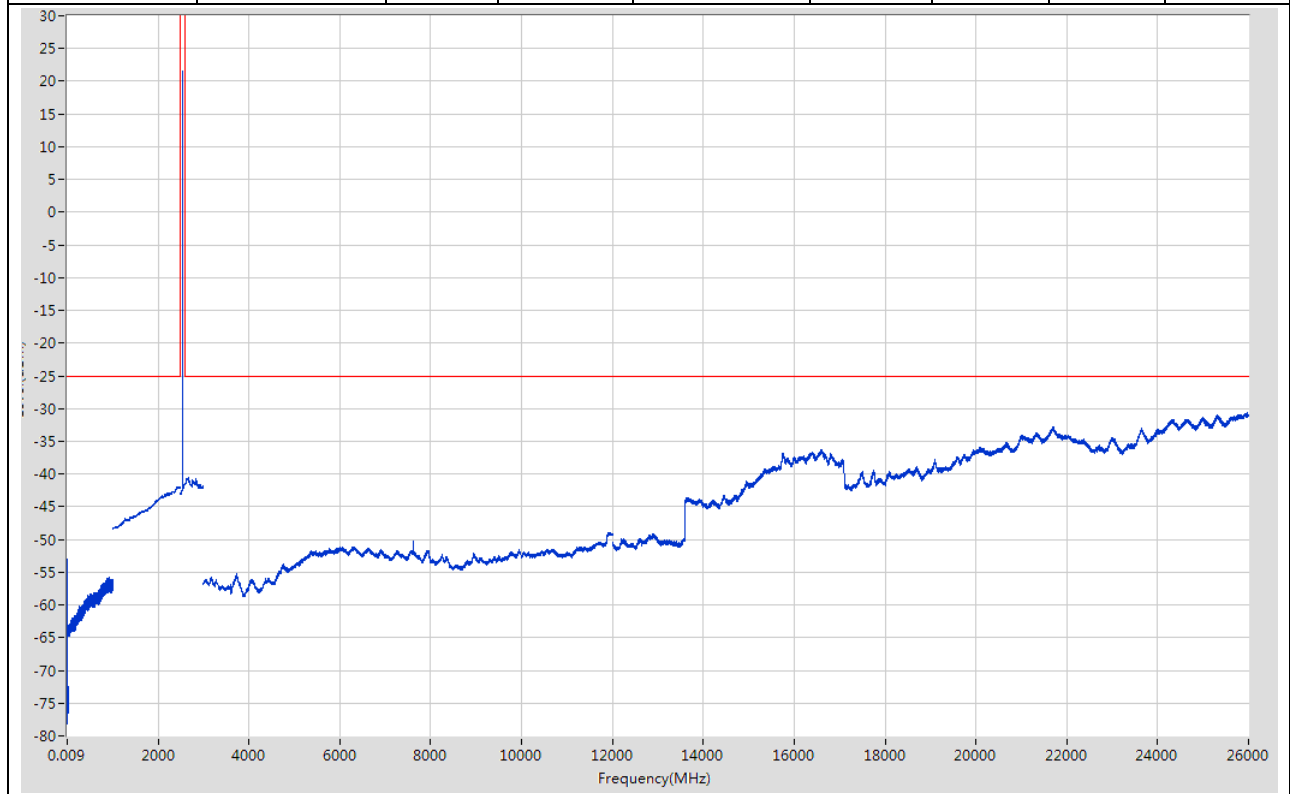| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.2	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.19	-25	Pass	2985
30	1000	0.1	RMS	878.087	-55.98	-25	Pass	9700
1000	2490	1	RMS	2460.981	-41.94	-25	Pass	1490
2490	2580	1	RMS	2537.1	22.23	60	Pass	601
2580	3000	1	RMS	2659.1	-40.56	-25	Pass	601
3000	12000	1	RMS	11917.991	-48.86	-25	Pass	9000
12000	26000	1	RMS	25954.997	-30.78	-25	Pass	14000

1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

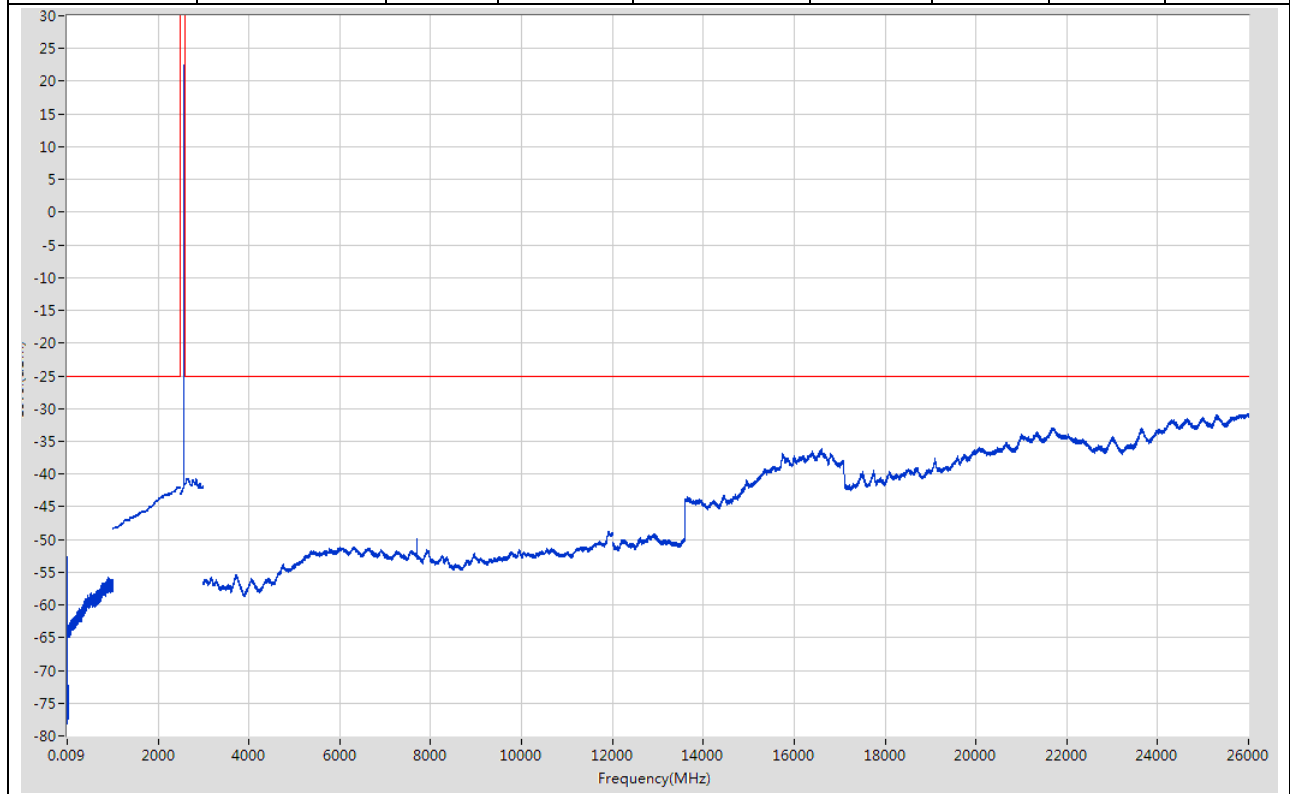| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.32	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.31	-25	Pass	2985
30	1000	0.1	RMS	997.5	-55.93	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.92	-25	Pass	1490
2490	2580	1	RMS	2532.9	21.46	60	Pass	601
2580	3000	1	RMS	2657.7	-40.65	-25	Pass	601
3000	12000	1	RMS	11933.993	-48.86	-25	Pass	9000
12000	26000	1	RMS	25956.997	-30.65	-25	Pass	14000

1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

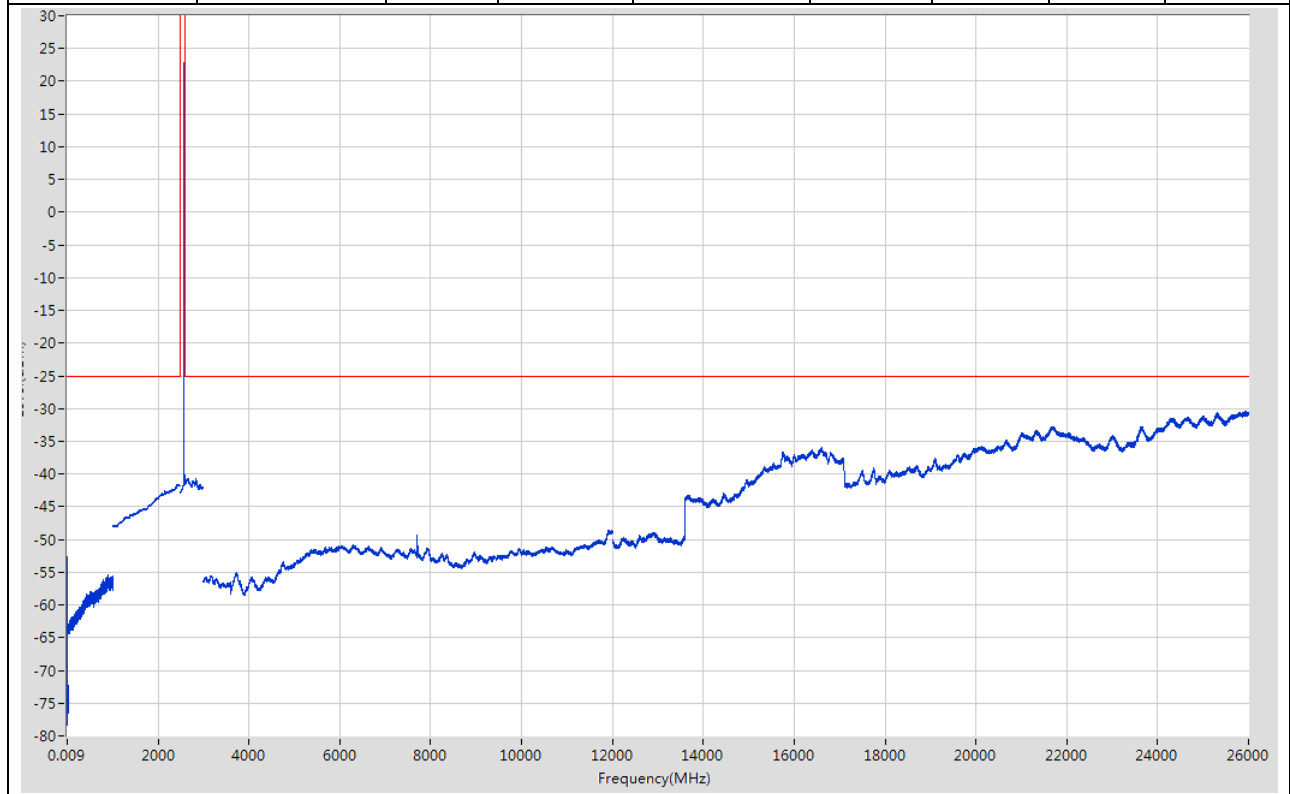| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.93	-25	Pass	601
0.15	30	0.01	RMS	0.16	-52.98	-25	Pass	2985
30	1000	0.1	RMS	937.194	-55.84	-25	Pass	9700
1000	2490	1	RMS	2447.972	-41.94	-25	Pass	1490
2490	2580	1	RMS	2537.1	21.5	60	Pass	601
2580	3000	1	RMS	2660.5	-40.6	-25	Pass	601
3000	12000	1	RMS	11919.991	-48.87	-25	Pass	9000
12000	26000	1	RMS	25965.998	-30.69	-25	Pass	14000

1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

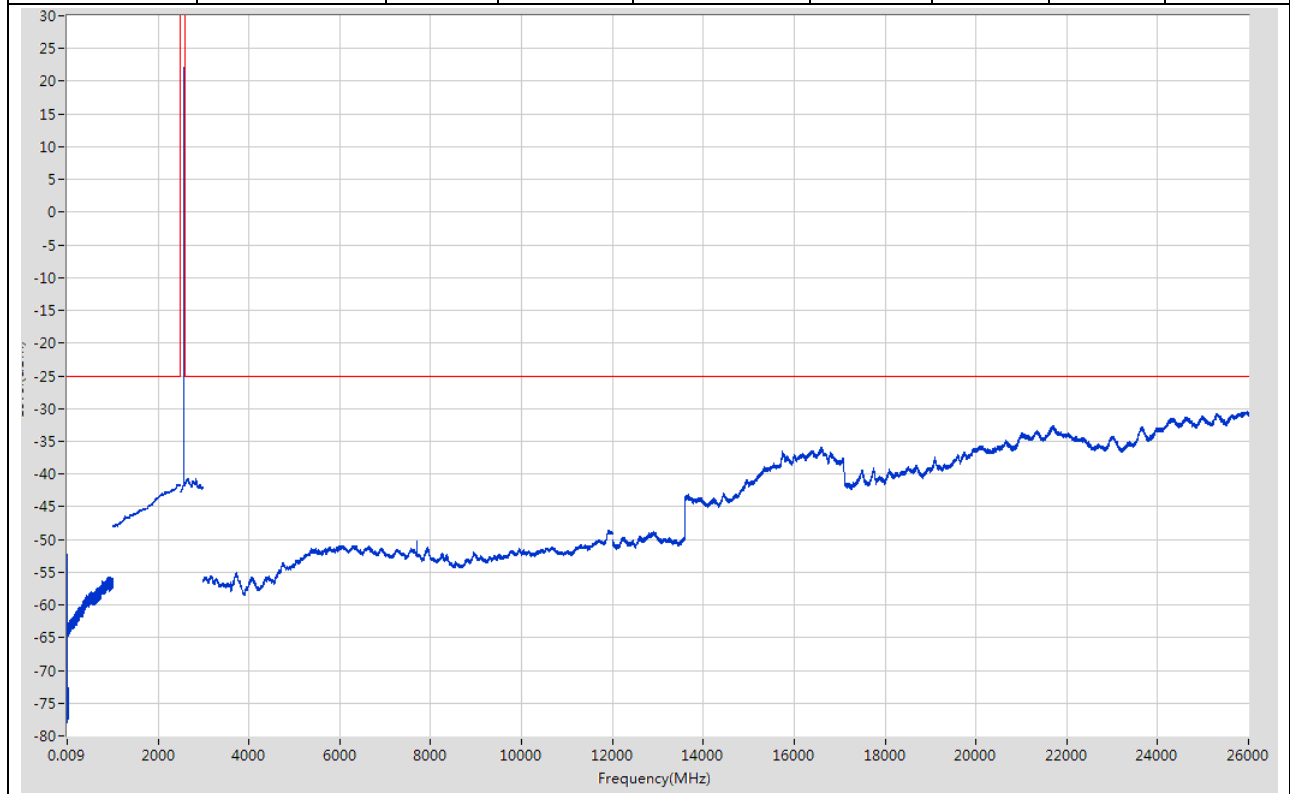| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.62	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.57	-25	Pass	2985
30	1000	0.1	RMS	899.99	-55.8	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.91	-25	Pass	1490
2490	2580	1	RMS	2565.3	22.46	60	Pass	601
2580	3000	1	RMS	2659.1	-40.61	-25	Pass	601
3000	12000	1	RMS	11919.991	-48.73	-25	Pass	9000
12000	26000	1	RMS	25971.998	-30.7	-25	Pass	14000

1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

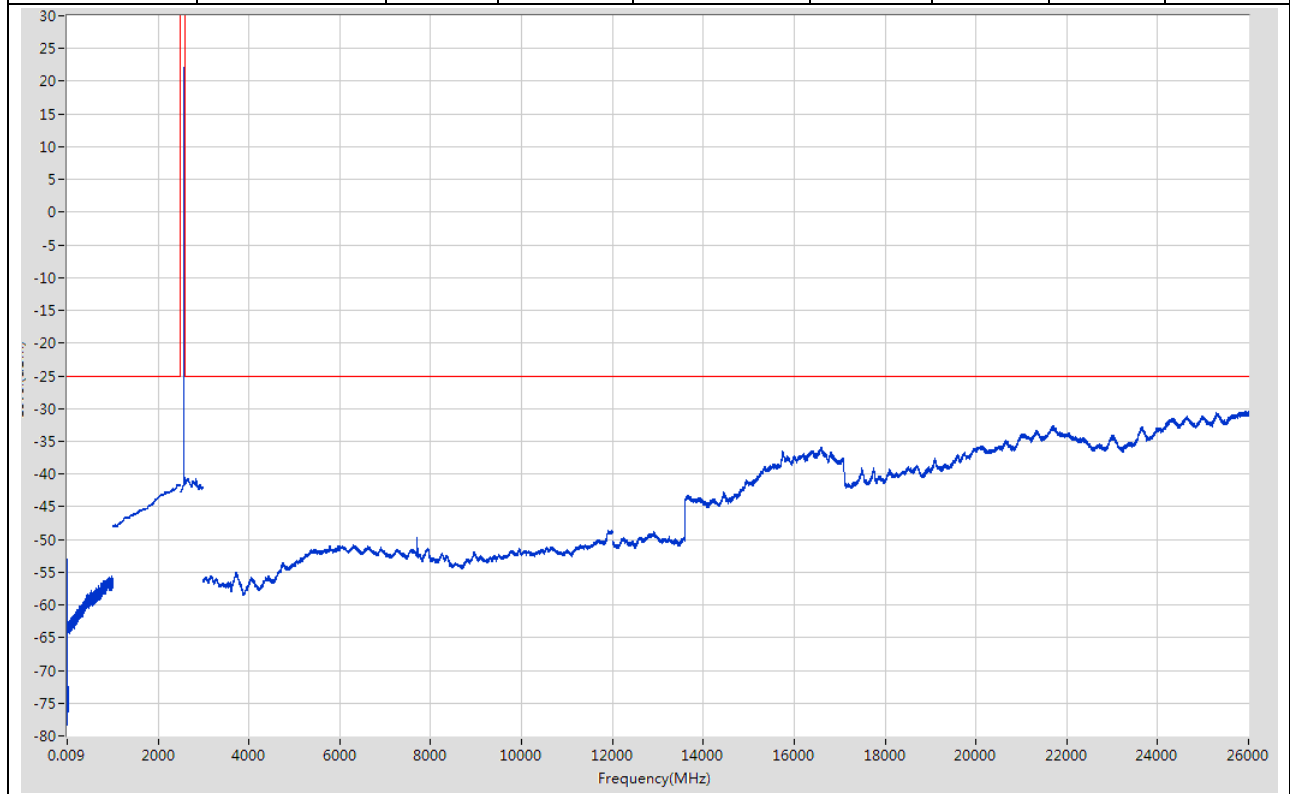| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.95	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.65	-25	Pass	2985
30	1000	0.1	RMS	900.29	-55.45	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.59	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.85	60	Pass	601
2580	3000	1	RMS	2659.8	-40.68	-25	Pass	601
3000	12000	1	RMS	11904.989	-48.53	-25	Pass	9000
12000	26000	1	RMS	25924.995	-30.47	-25	Pass	14000

1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

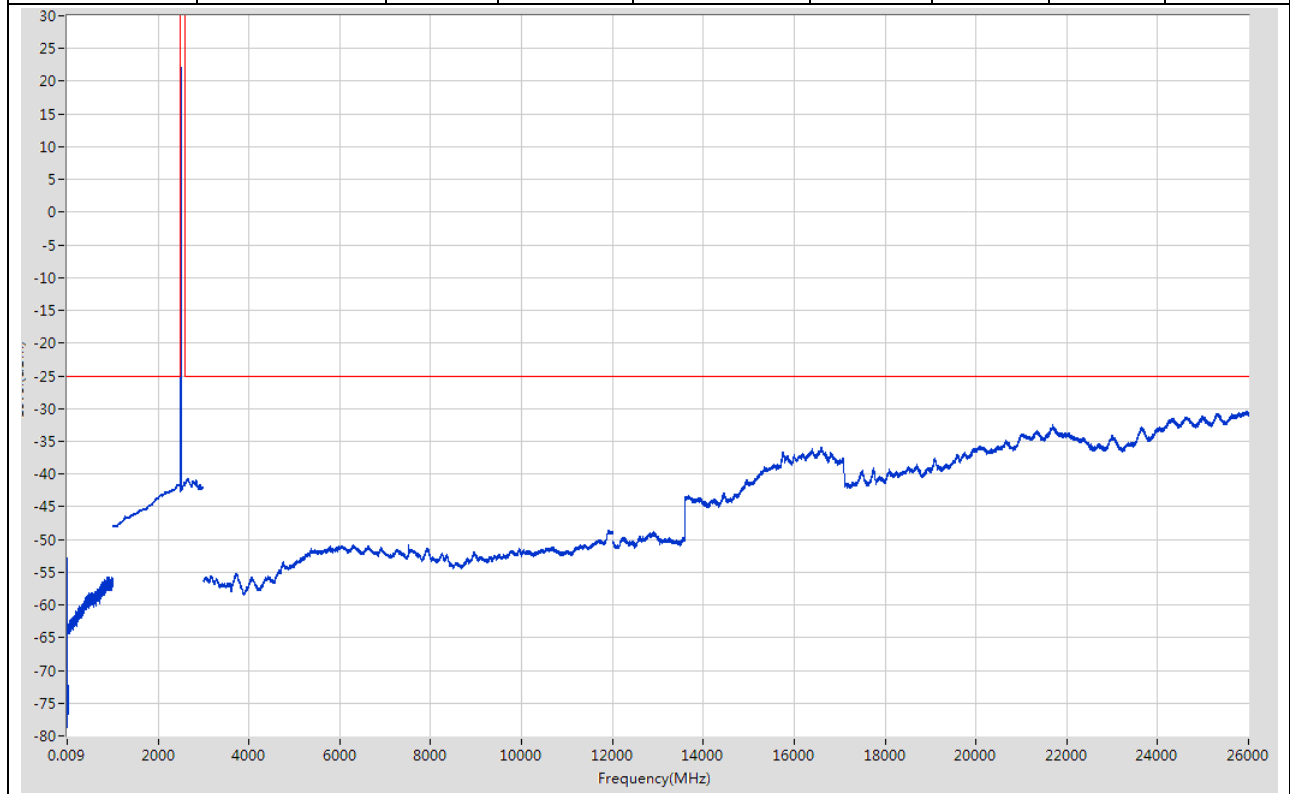| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.12	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.25	-25	Pass	2985
30	1000	0.1	RMS	915.391	-55.75	-25	Pass	9700
1000	2490	1	RMS	2452.975	-41.57	-25	Pass	1490
2490	2580	1	RMS	2565.3	22.03	60	Pass	601
2580	3000	1	RMS	2658.4	-40.73	-25	Pass	601
3000	12000	1	RMS	11925.992	-48.59	-25	Pass	9000
12000	26000	1	RMS	25969.998	-30.48	-25	Pass	14000

1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

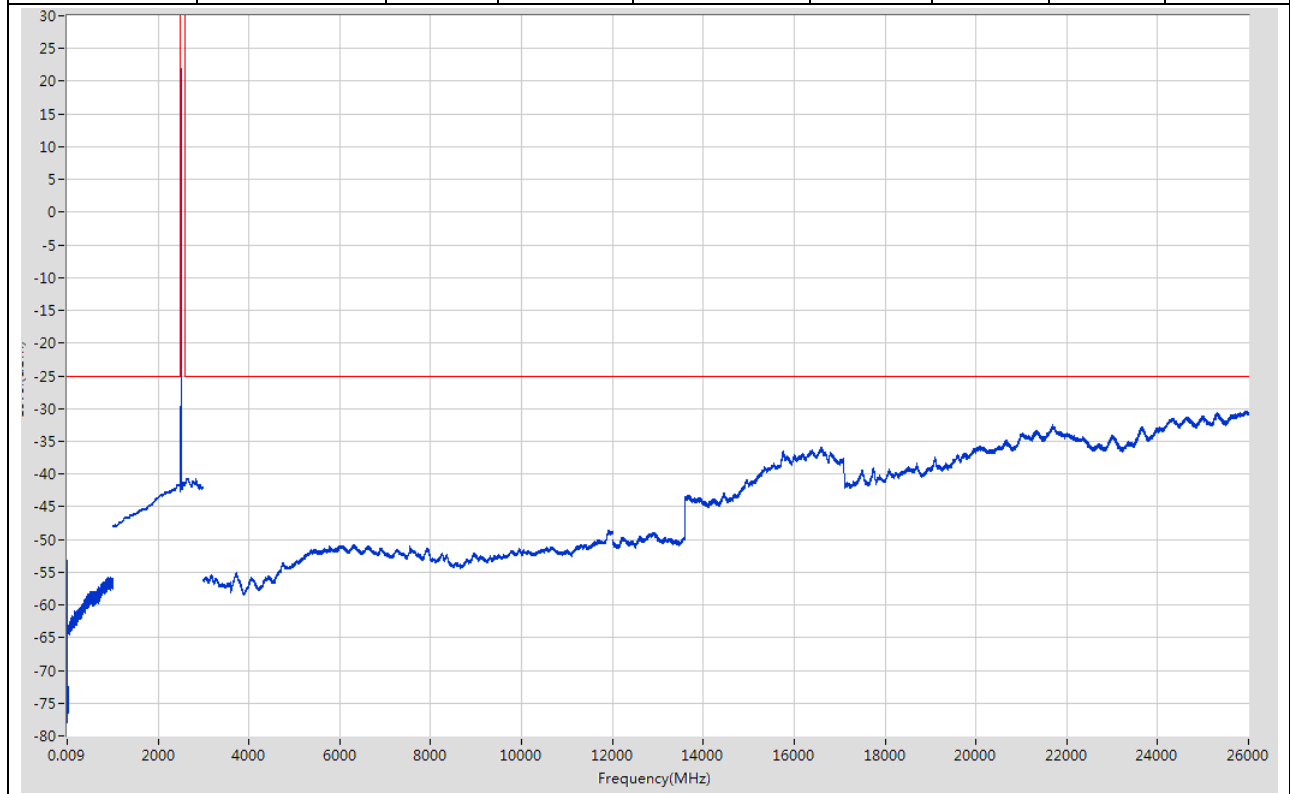| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.21	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.09	-25	Pass	2985
30	1000	0.1	RMS	976.498	-55.65	-25	Pass	9700
1000	2490	1	RMS	2421.954	-41.58	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.08	60	Pass	601
2580	3000	1	RMS	2659.8	-40.7	-25	Pass	601
3000	12000	1	RMS	11905.99	-48.58	-25	Pass	9000
12000	26000	1	RMS	25908.994	-30.4	-25	Pass	14000

1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

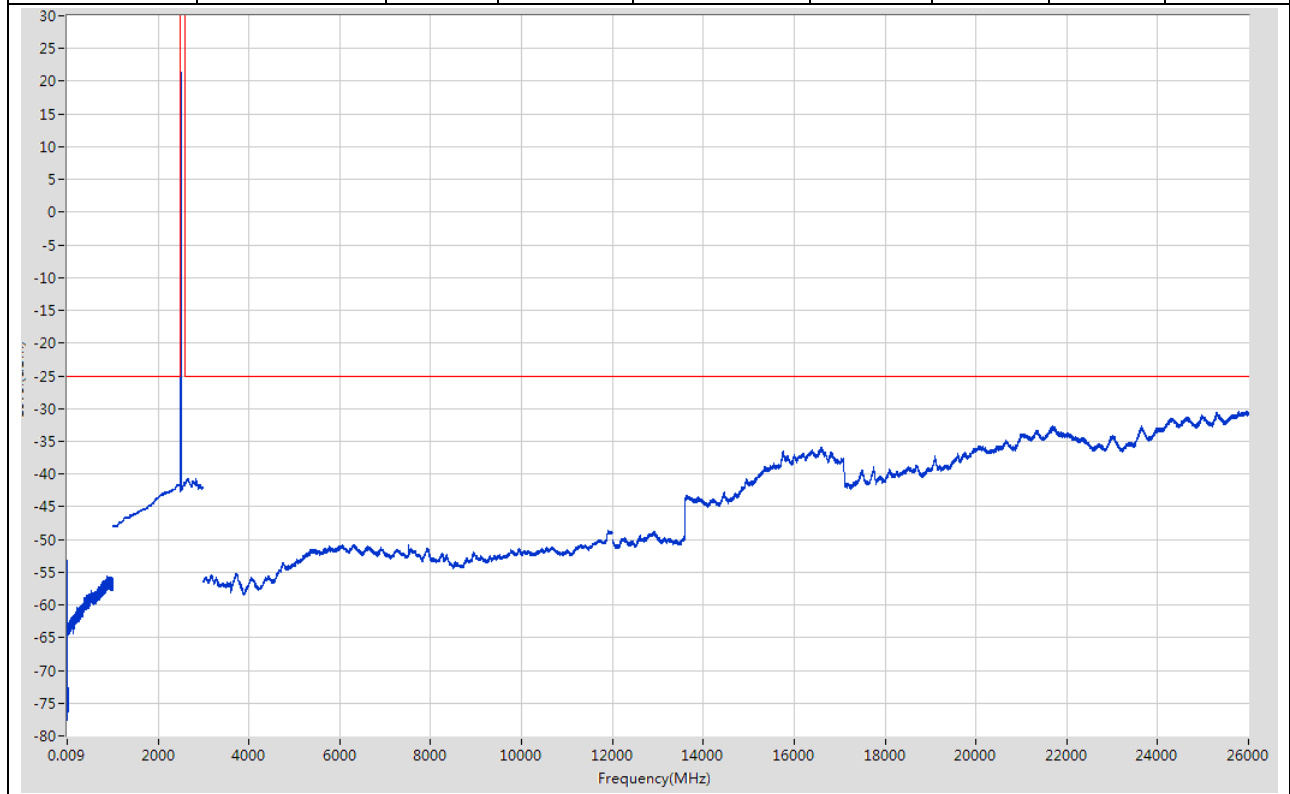| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.07	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.85	-25	Pass	2985
30	1000	0.1	RMS	917.592	-55.81	-25	Pass	9700
1000	2490	1	RMS	2482.995	-41.08	-25	Pass	1490
2490	2580	1	RMS	2500.65	22.09	60	Pass	601
2580	3000	1	RMS	2661.2	-40.7	-25	Pass	601
3000	12000	1	RMS	11926.992	-48.57	-25	Pass	9000
12000	26000	1	RMS	25947.996	-30.39	-25	Pass	14000

1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

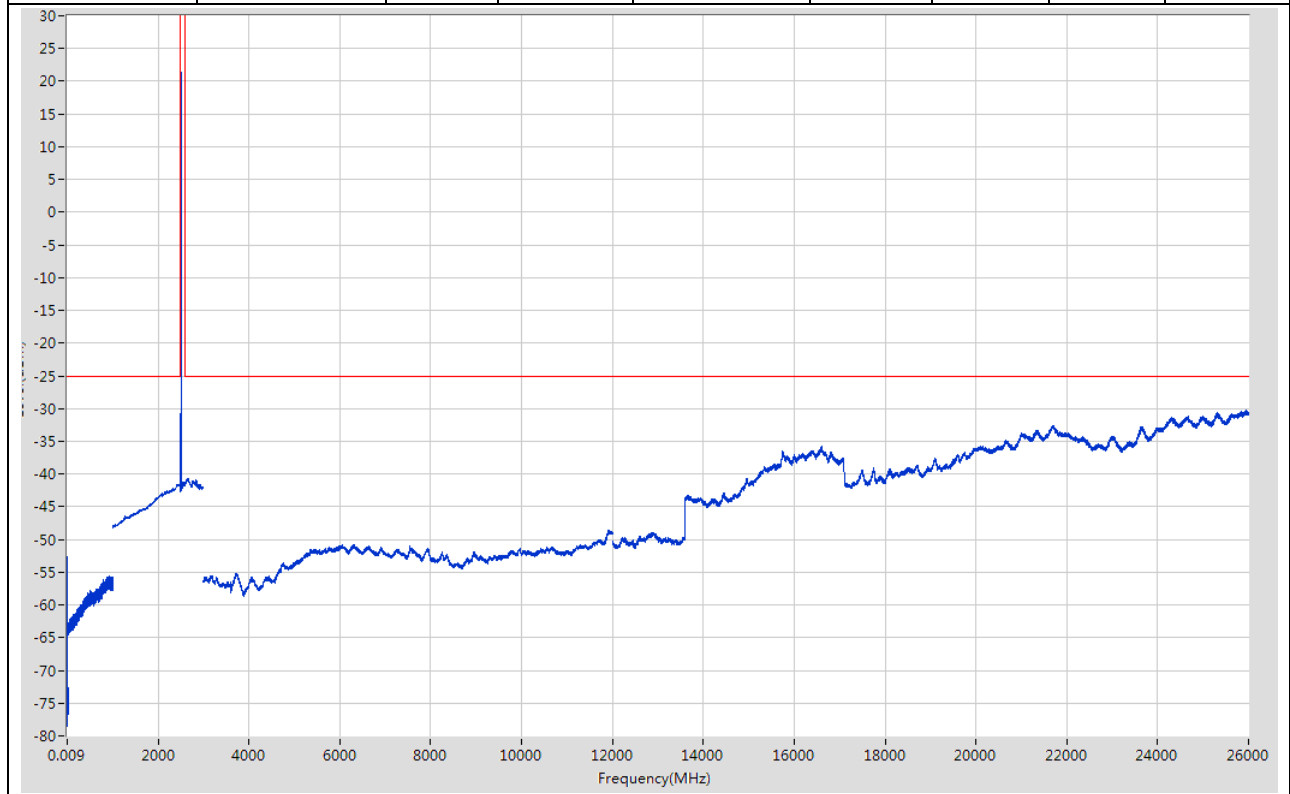| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.54	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.13	-25	Pass	2985
30	1000	0.1	RMS	954.895	-55.72	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.59	-25	Pass	1490
2490	2580	1	RMS	2509.35	21.92	60	Pass	601
2580	3000	1	RMS	2659.8	-40.68	-25	Pass	601
3000	12000	1	RMS	11915.991	-48.64	-25	Pass	9000
12000	26000	1	RMS	25960.997	-30.43	-25	Pass	14000

1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

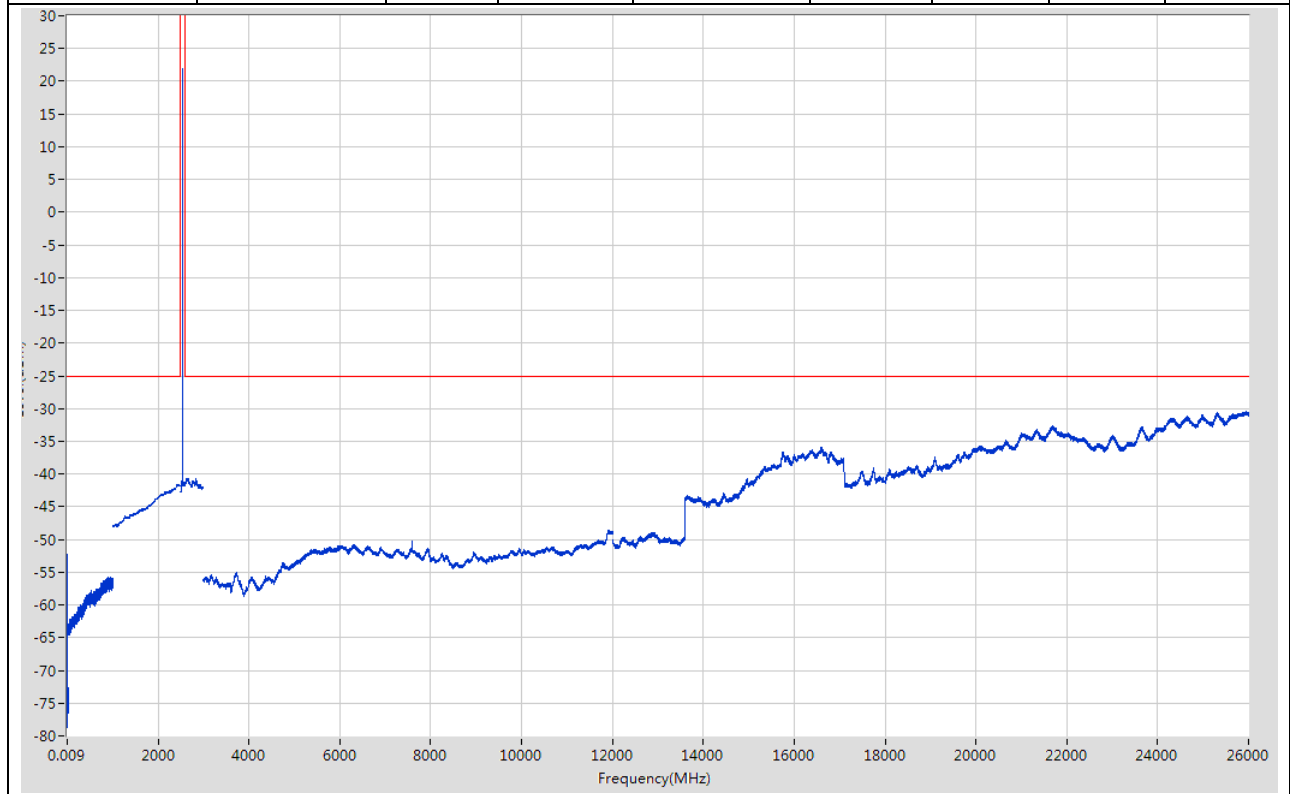| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.45	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.25	-25	Pass	2985
30	1000	0.1	RMS	879.288	-55.66	-25	Pass	9700
1000	2490	1	RMS	2482.995	-41.01	-25	Pass	1490
2490	2580	1	RMS	2500.65	21.36	60	Pass	601
2580	3000	1	RMS	2660.5	-40.66	-25	Pass	601
3000	12000	1	RMS	11906.99	-48.62	-25	Pass	9000
12000	26000	1	RMS	25974.998	-30.47	-25	Pass	14000

1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

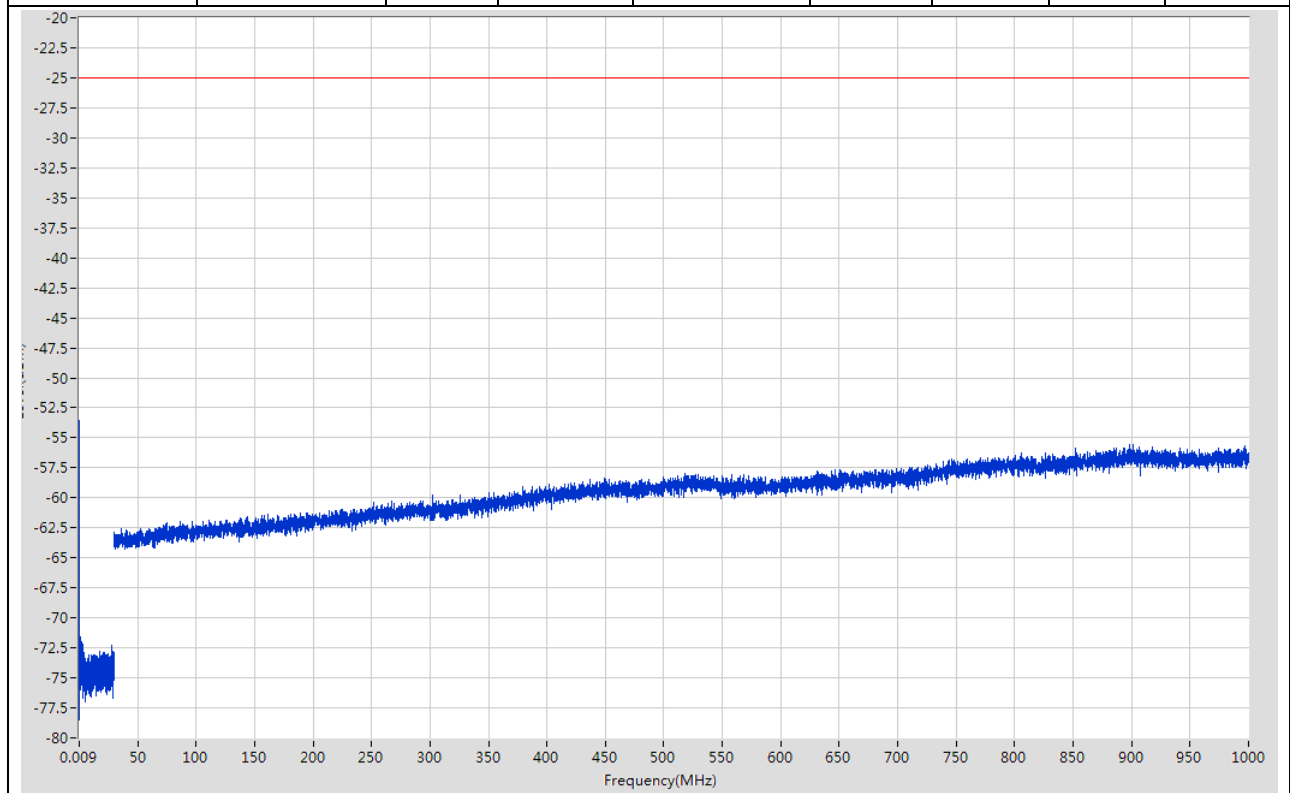| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.71	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.68	-25	Pass	2985
30	1000	0.1	RMS	928.693	-55.6	-25	Pass	9700
1000	2490	1	RMS	2424.956	-41.61	-25	Pass	1490
2490	2580	1	RMS	2509.35	21.36	60	Pass	601
2580	3000	1	RMS	2658.4	-40.66	-25	Pass	601
3000	12000	1	RMS	11927.992	-48.54	-25	Pass	9000
12000	26000	1	RMS	25955.997	-30.32	-25	Pass	14000

1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

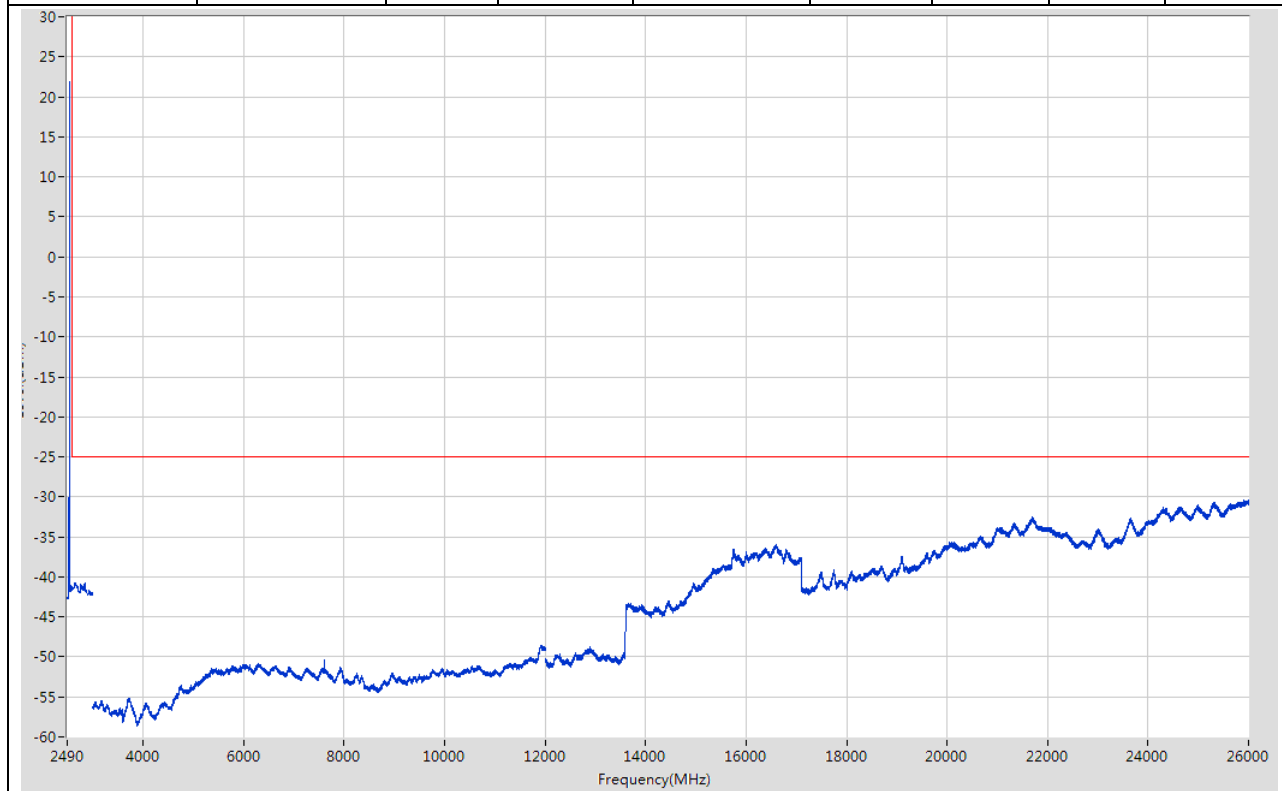| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.6	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.25	-25	Pass	2985
30	1000	0.1	RMS	900.09	-55.73	-25	Pass	9700
1000	2490	1	RMS	2430.96	-41.54	-25	Pass	1490
2490	2580	1	RMS	2530.65	21.92	60	Pass	601
2580	3000	1	RMS	2657	-40.7	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.52	-25	Pass	9000
12000	26000	1	RMS	25945.996	-30.33	-25	Pass	14000

1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

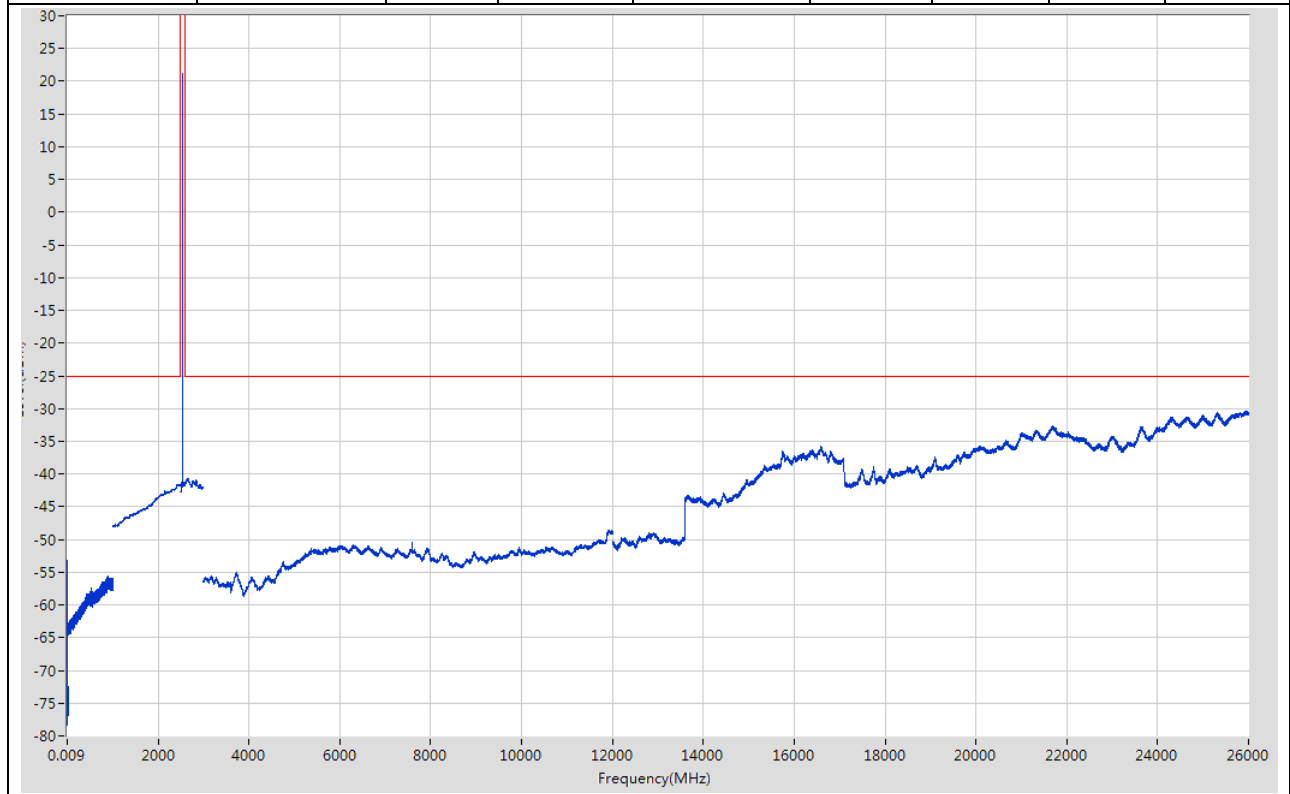| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.18	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.57	-25	Pass	2985
30	1000	0.1	RMS	897.789	-55.58	-25	Pass	9700

1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

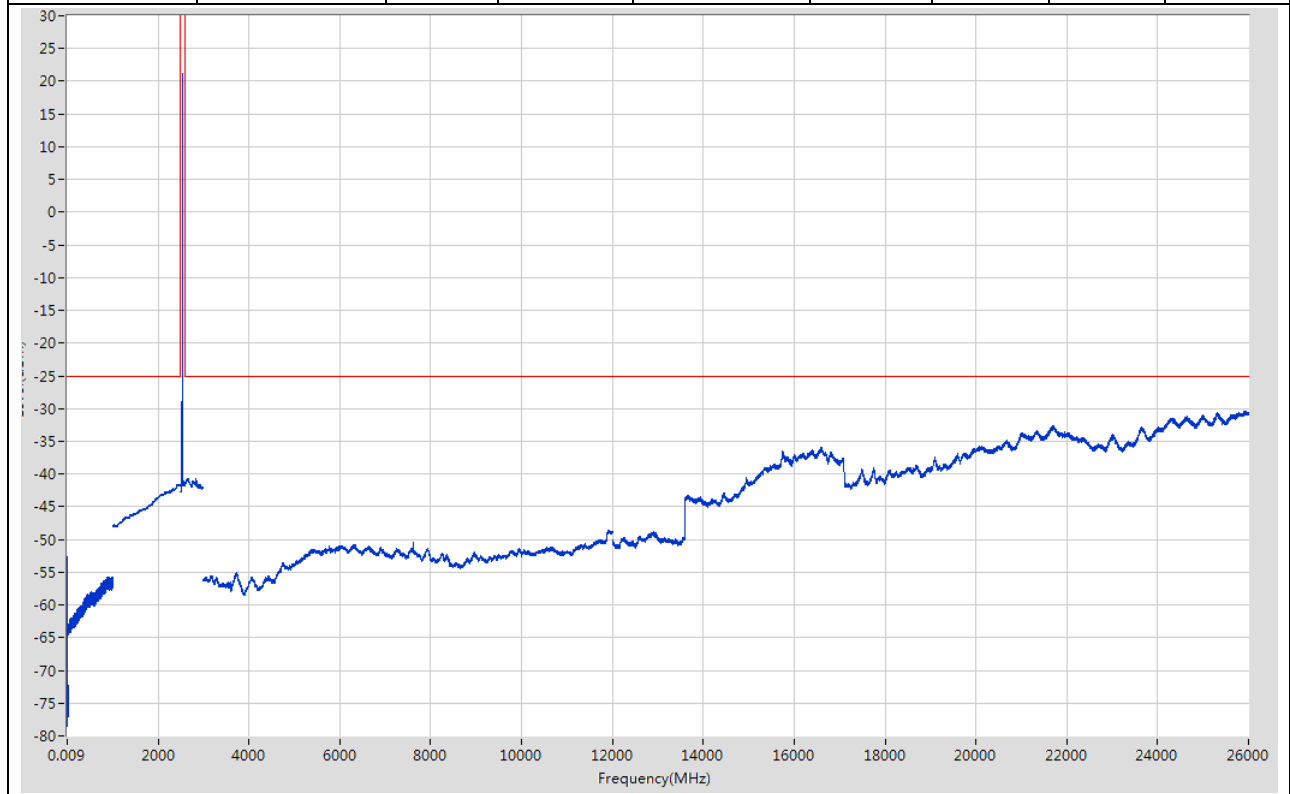| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
2490	2580	1	RMS	2539.35	21.94	60	Pass	601
2580	3000	1	RMS	2660.5	-40.71	-25	Pass	601
3000	12000	1	RMS	11902.989	-48.61	-25	Pass	9000
12000	26000	1	RMS	25908.994	-30.34	-25	Pass	14000

1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

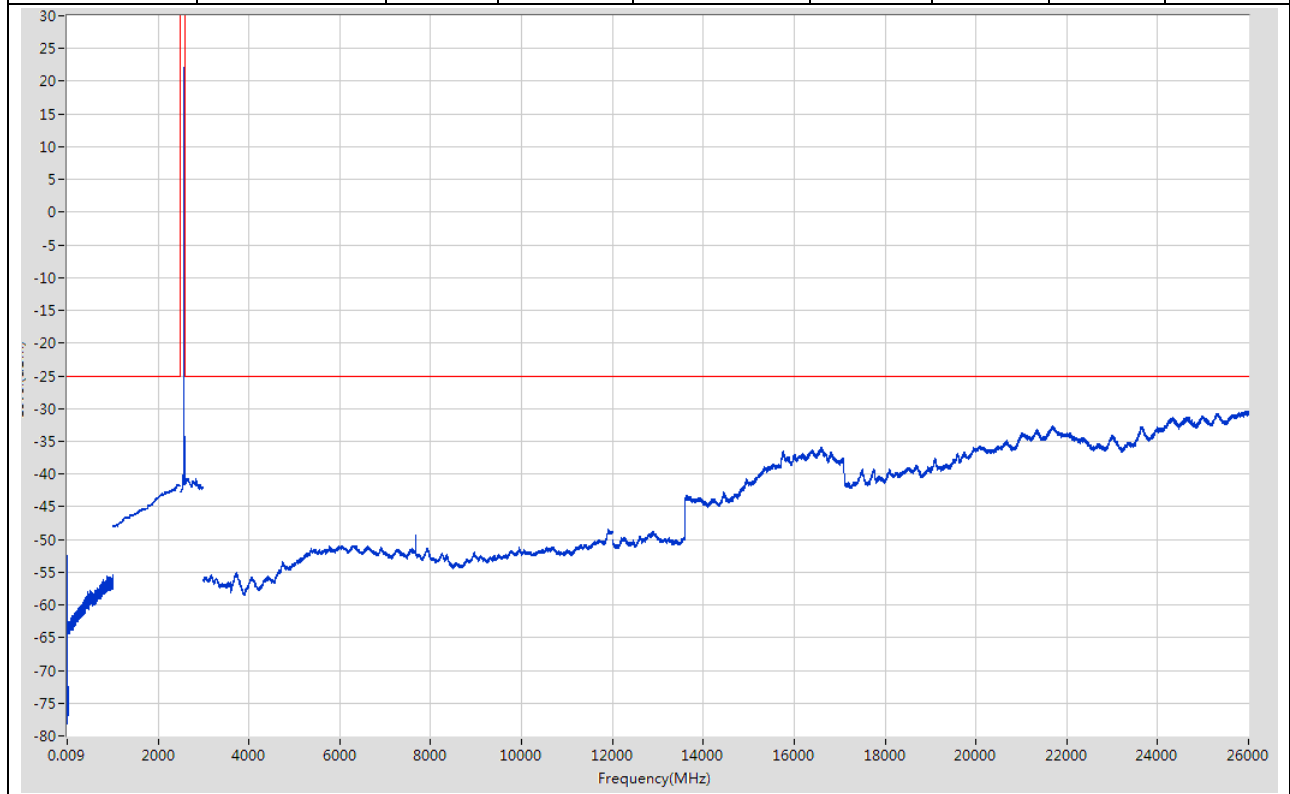| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.13	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.15	-25	Pass	2985
30	1000	0.1	RMS	906.79	-55.66	-25	Pass	9700
1000	2490	1	RMS	2425.957	-41.59	-25	Pass	1490
2490	2580	1	RMS	2530.65	21.12	60	Pass	601
2580	3000	1	RMS	2659.1	-40.7	-25	Pass	601
3000	12000	1	RMS	11909.99	-48.59	-25	Pass	9000
12000	26000	1	RMS	25962.997	-30.4	-25	Pass	14000

1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

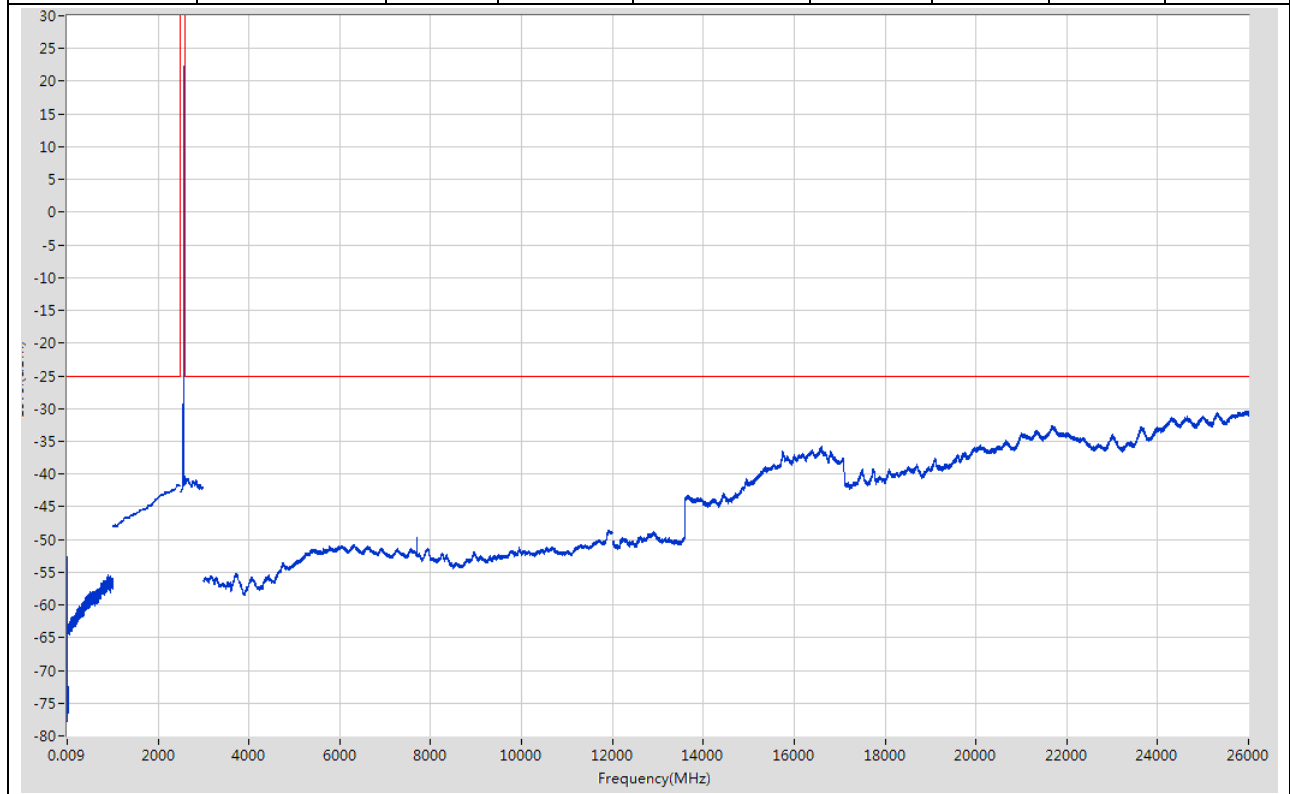| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.63	-25	Pass	2985
30	1000	0.1	RMS	994.499	-55.71	-25	Pass	9700
1000	2490	1	RMS	2424.956	-41.59	-25	Pass	1490
2490	2580	1	RMS	2539.35	21.18	60	Pass	601
2580	3000	1	RMS	2659.1	-40.68	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.57	-25	Pass	9000
12000	26000	1	RMS	25929.995	-30.36	-25	Pass	14000

1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

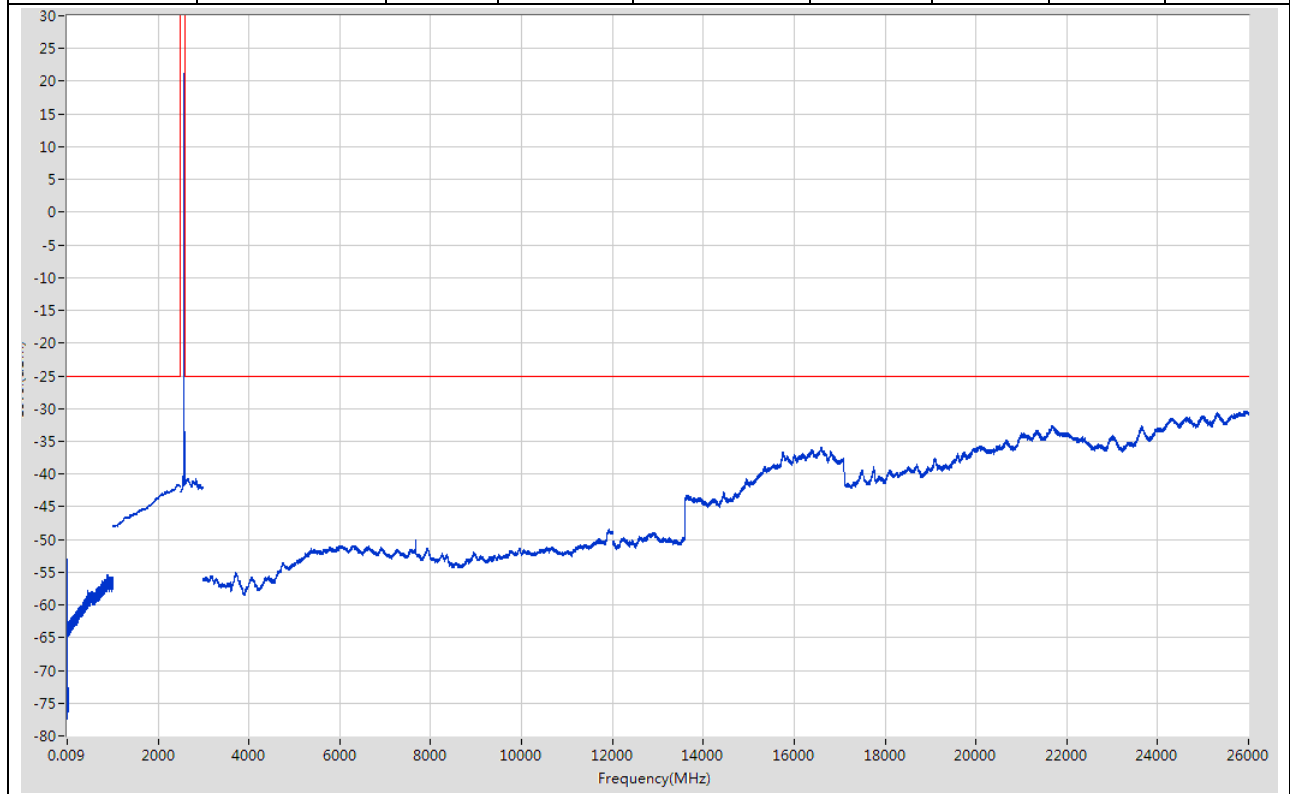| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.99	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.48	-25	Pass	2985
30	1000	0.1	RMS	997.8	-55.45	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.56	-25	Pass	1490
2490	2580	1	RMS	2560.65	22.02	60	Pass	601
2580	3000	1	RMS	2660.5	-40.69	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.5	-25	Pass	9000
12000	26000	1	RMS	25965.998	-30.37	-25	Pass	14000

1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

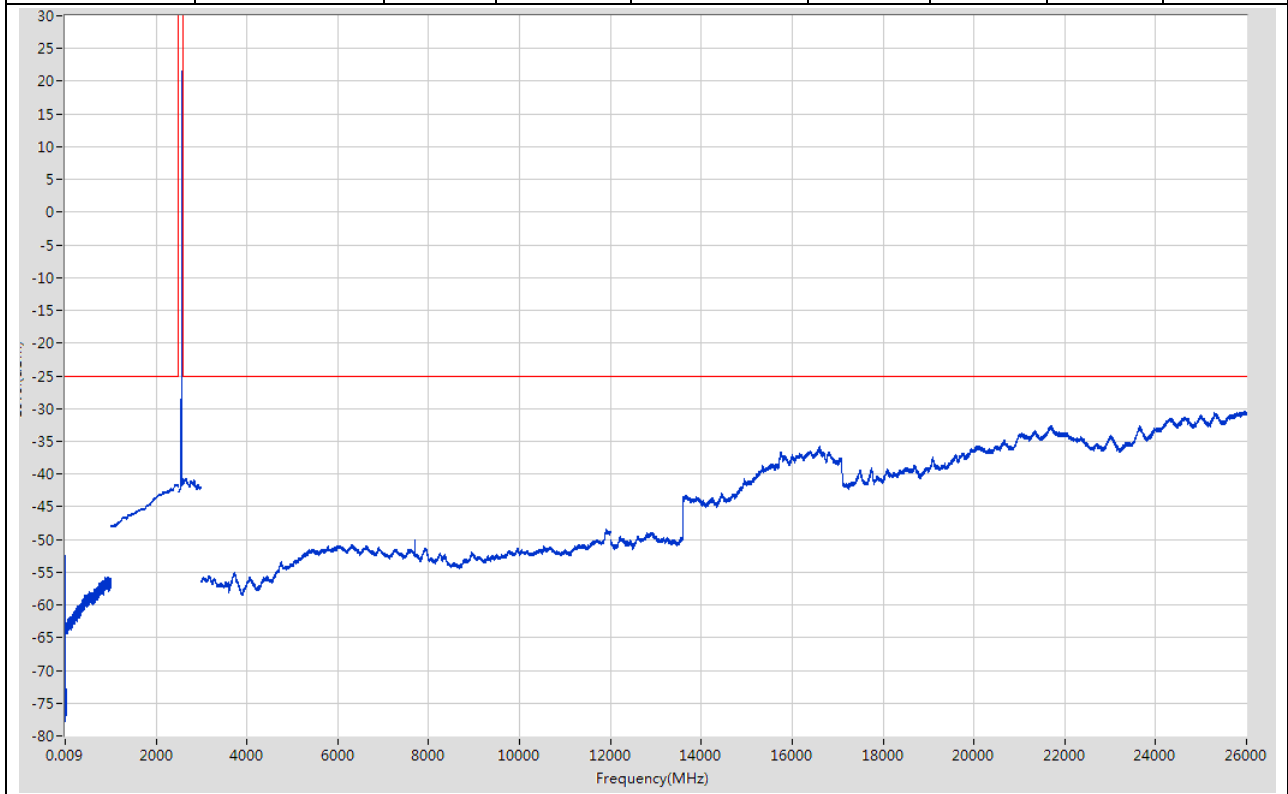| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-54.11	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.69	-25	Pass	2985
30	1000	0.1	RMS	894.089	-55.45	-25	Pass	9700
1000	2490	1	RMS	2456.978	-41.61	-25	Pass	1490
2490	2580	1	RMS	2569.35	22.31	60	Pass	601
2580	3000	1	RMS	2659.8	-40.68	-25	Pass	601
3000	12000	1	RMS	11903.989	-48.57	-25	Pass	9000
12000	26000	1	RMS	25998	-30.46	-25	Pass	14000

1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

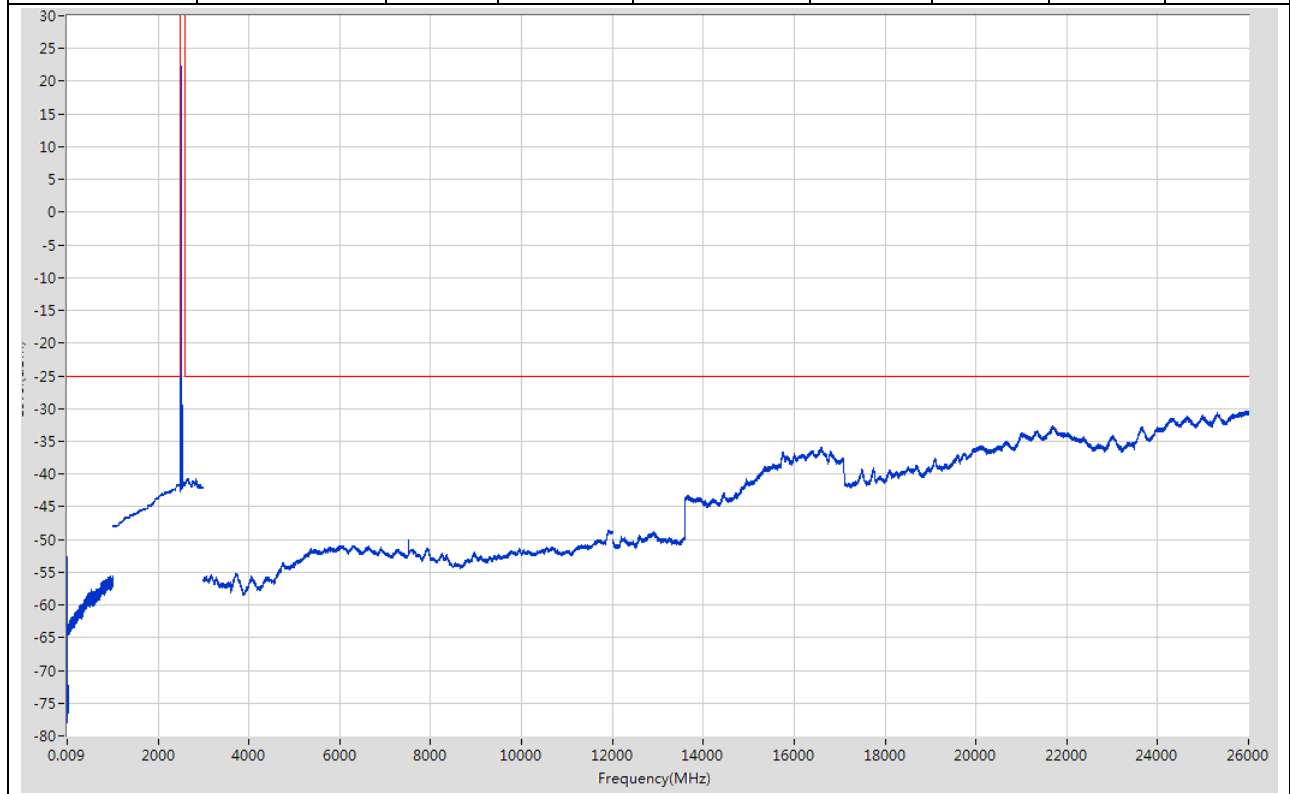| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.09	-25	Pass	2985
30	1000	0.1	RMS	872.087	-55.35	-25	Pass	9700
1000	2490	1	RMS	2422.955	-41.59	-25	Pass	1490
2490	2580	1	RMS	2560.65	21.22	60	Pass	601
2580	3000	1	RMS	2660.5	-40.66	-25	Pass	601
3000	12000	1	RMS	11915.991	-48.47	-25	Pass	9000
12000	26000	1	RMS	25964.998	-30.4	-25	Pass	14000

1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

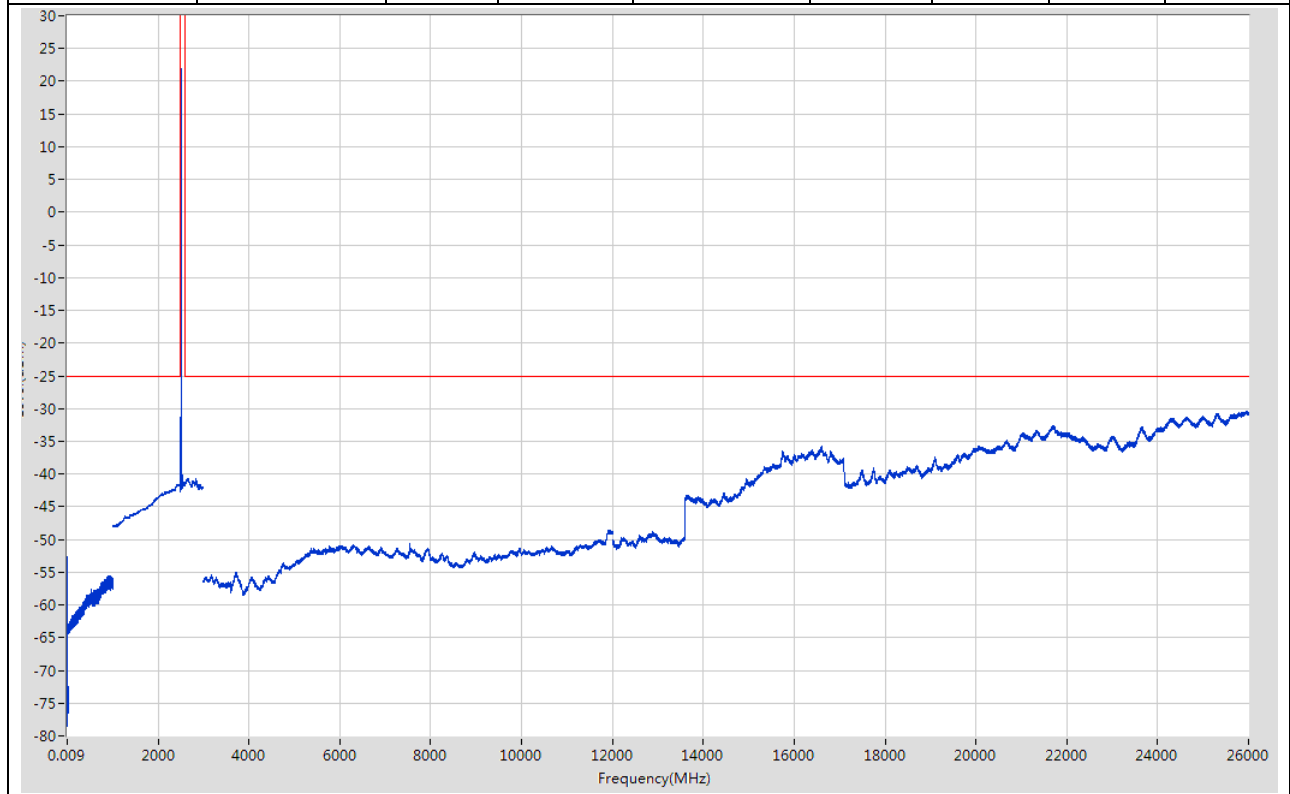| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.86	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.45	-25	Pass	2985
30	1000	0.1	RMS	953.895	-55.69	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.54	-25	Pass	1490
2490	2580	1	RMS	2569.35	21.59	60	Pass	601
2580	3000	1	RMS	2661.2	-40.71	-25	Pass	601
3000	12000	1	RMS	11903.989	-48.43	-25	Pass	9000
12000	26000	1	RMS	25944.996	-30.33	-25	Pass	14000

1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

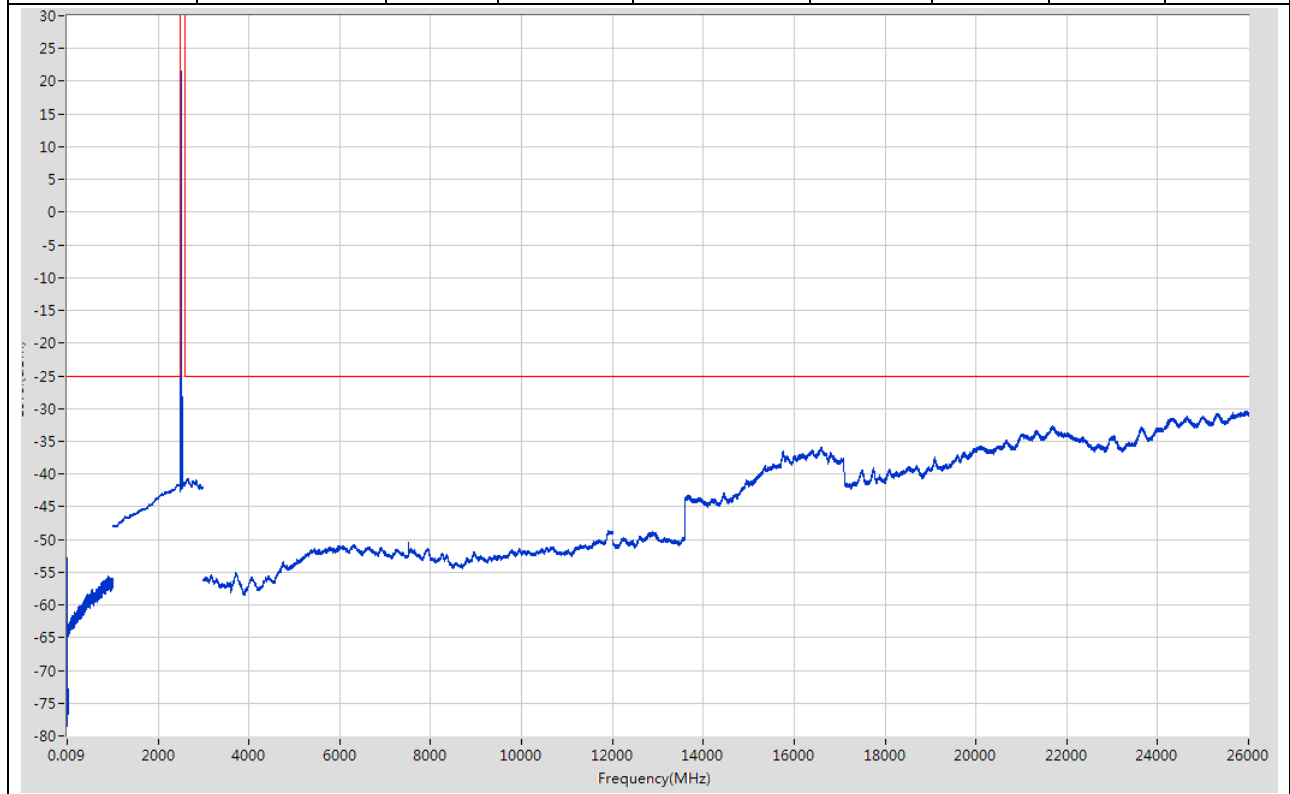| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.17	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.59	-25	Pass	2985
30	1000	0.1	RMS	993.899	-55.52	-25	Pass	9700
1000	2490	1	RMS	2487.999	-41.48	-25	Pass	1490
2490	2580	1	RMS	2500.8	22.32	60	Pass	601
2580	3000	1	RMS	2659.8	-40.71	-25	Pass	601
3000	12000	1	RMS	11921.991	-48.59	-25	Pass	9000
12000	26000	1	RMS	25928.995	-30.44	-25	Pass	14000

1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

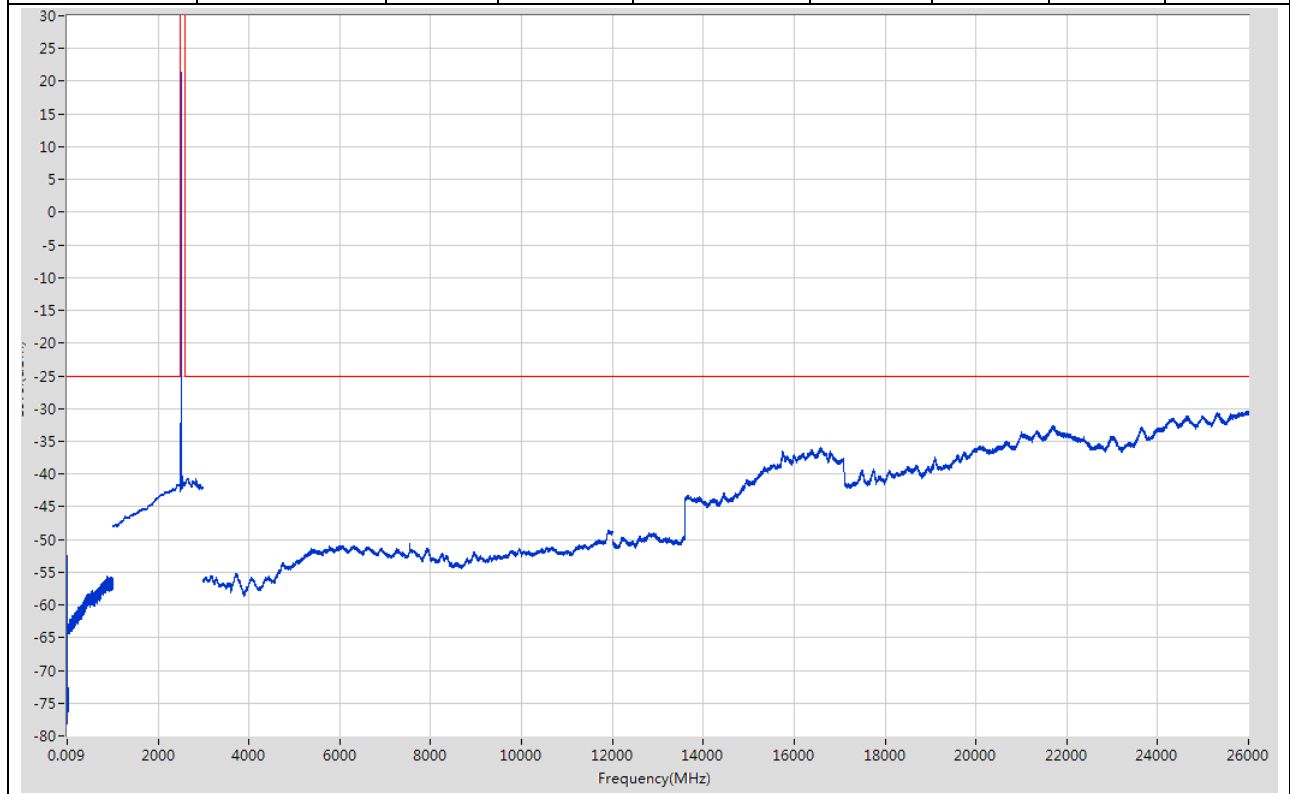| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.34	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.69	-25	Pass	2985
30	1000	0.1	RMS	963.196	-55.63	-25	Pass	9700
1000	2490	1	RMS	2487.999	-31.26	-25	Pass	1490
2490	2580	1	RMS	2514.15	22.01	60	Pass	601
2580	3000	1	RMS	2659.8	-40.71	-25	Pass	601
3000	12000	1	RMS	11909.99	-48.54	-25	Pass	9000
12000	26000	1	RMS	25962.997	-30.46	-25	Pass	14000

1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

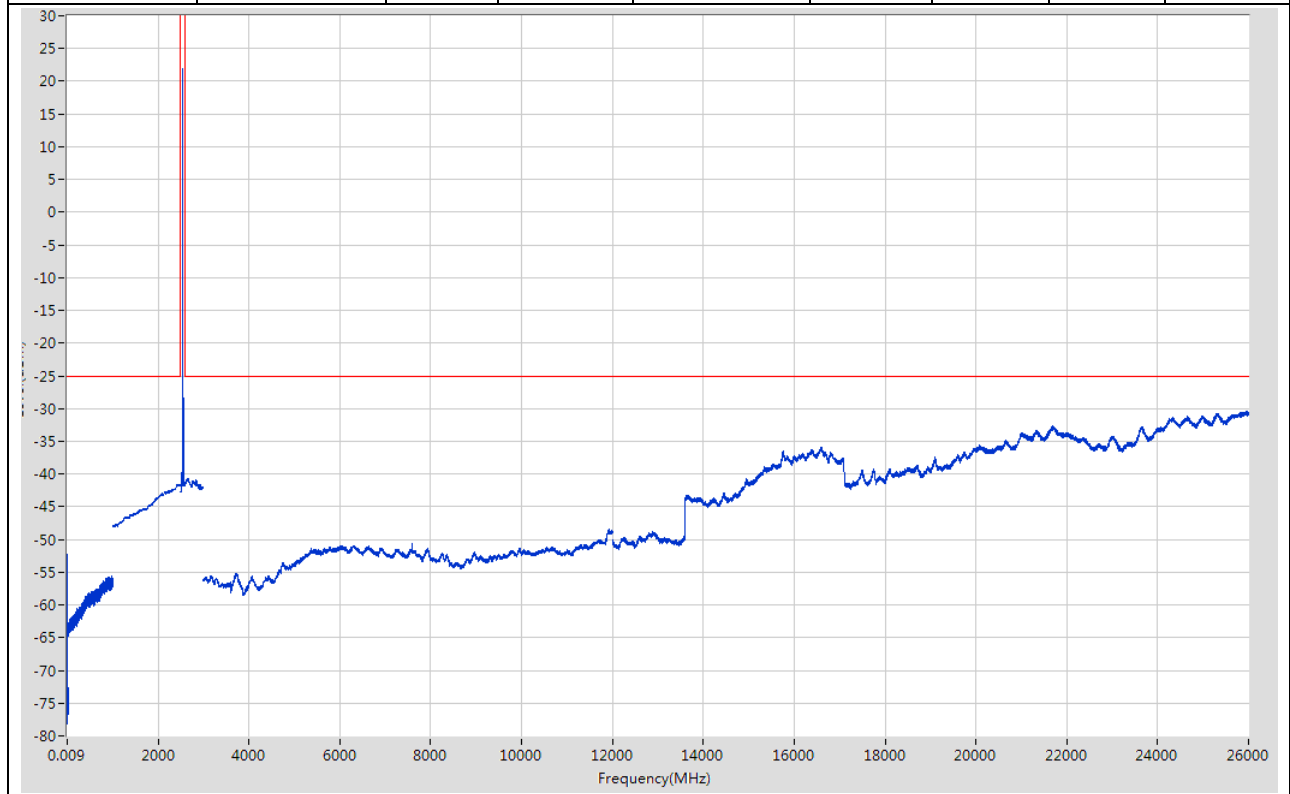| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.56	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.77	-25	Pass	2985
30	1000	0.1	RMS	910.891	-55.61	-25	Pass	9700
1000	2490	1	RMS	2486.998	-41.52	-25	Pass	1490
2490	2580	1	RMS	2500.8	21.62	60	Pass	601
2580	3000	1	RMS	2659.1	-40.69	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.56	-25	Pass	9000
12000	26000	1	RMS	25940.996	-30.4	-25	Pass	14000

1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

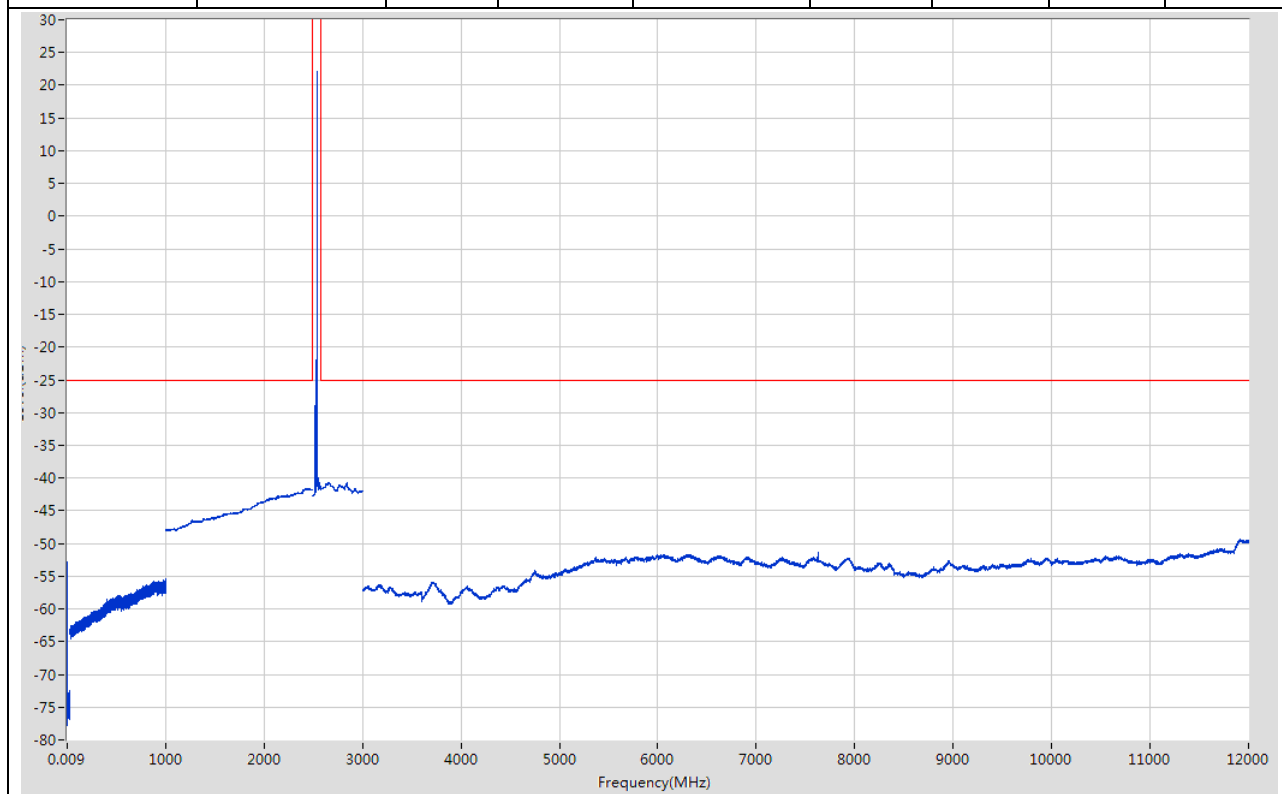| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.57	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.51	-25	Pass	2985
30	1000	0.1	RMS	870.587	-55.63	-25	Pass	9700
1000	2490	1	RMS	2487.999	-32.32	-25	Pass	1490
2490	2580	1	RMS	2514.15	21.43	60	Pass	601
2580	3000	1	RMS	2661.2	-40.67	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.54	-25	Pass	9000
12000	26000	1	RMS	25969.998	-30.4	-25	Pass	14000

1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

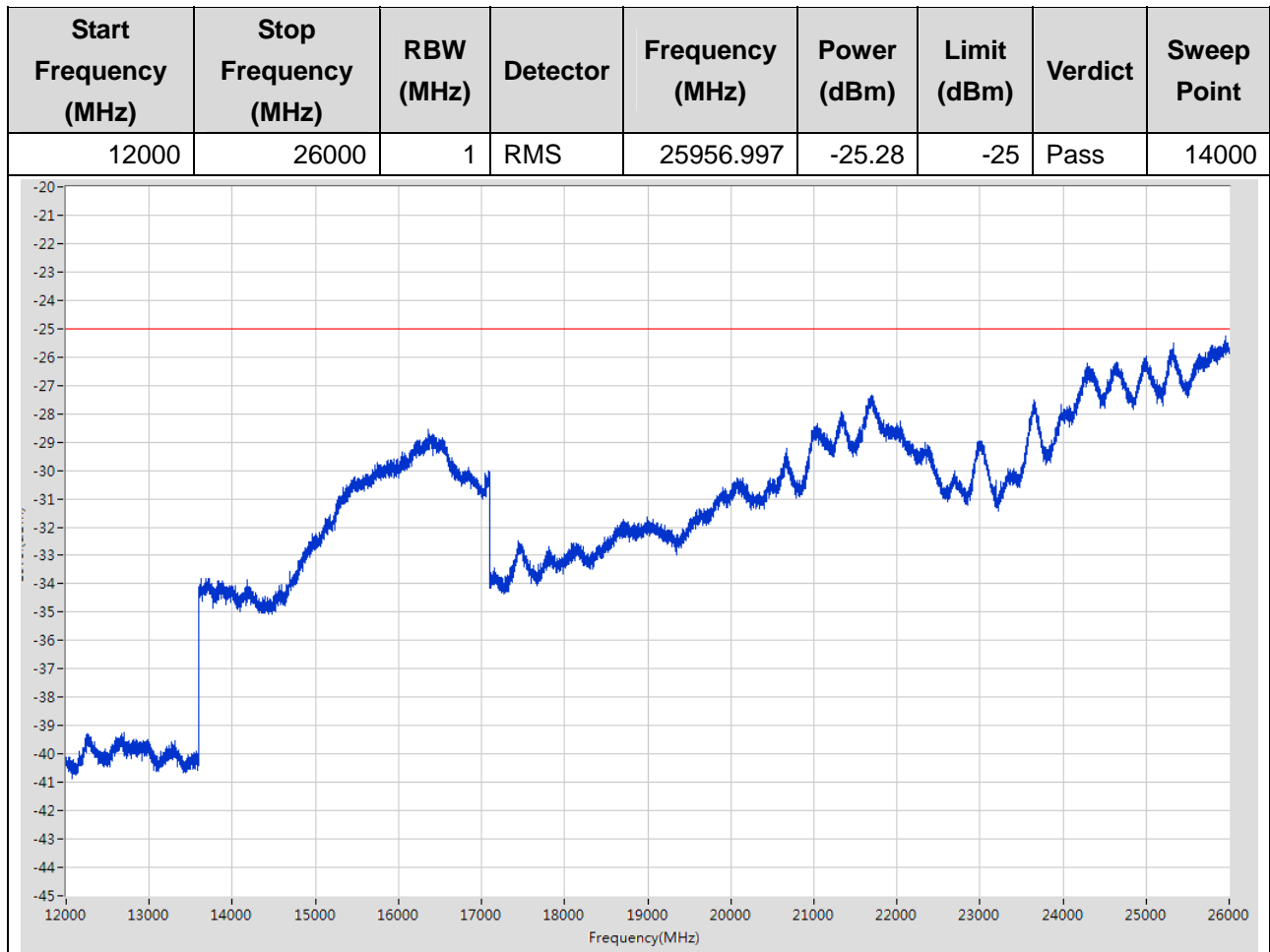| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.82	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.19	-25	Pass	2985
30	1000	0.1	RMS	988.799	-55.58	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.56	-25	Pass	1490
2490	2580	1	RMS	2528.4	21.99	60	Pass	601
2580	3000	1	RMS	2658.4	-40.7	-25	Pass	601
3000	12000	1	RMS	11926.992	-48.42	-25	Pass	9000
12000	26000	1	RMS	25974.998	-30.4	-25	Pass	14000

1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:21100, Bandwidth:15, 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	-54.42	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.9	-25	Pass	2985
30	1000	0.1	RMS	997.6	-55.4	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.57	-25	Pass	1490
2490	2580	1	RMS	2541.6	22.15	60	Pass	601
2580	3000	1	RMS	2659.8	-40.65	-25	Pass	601
3000	12000	1	RMS	11917.991	-49.27	-25	Pass	9000

1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

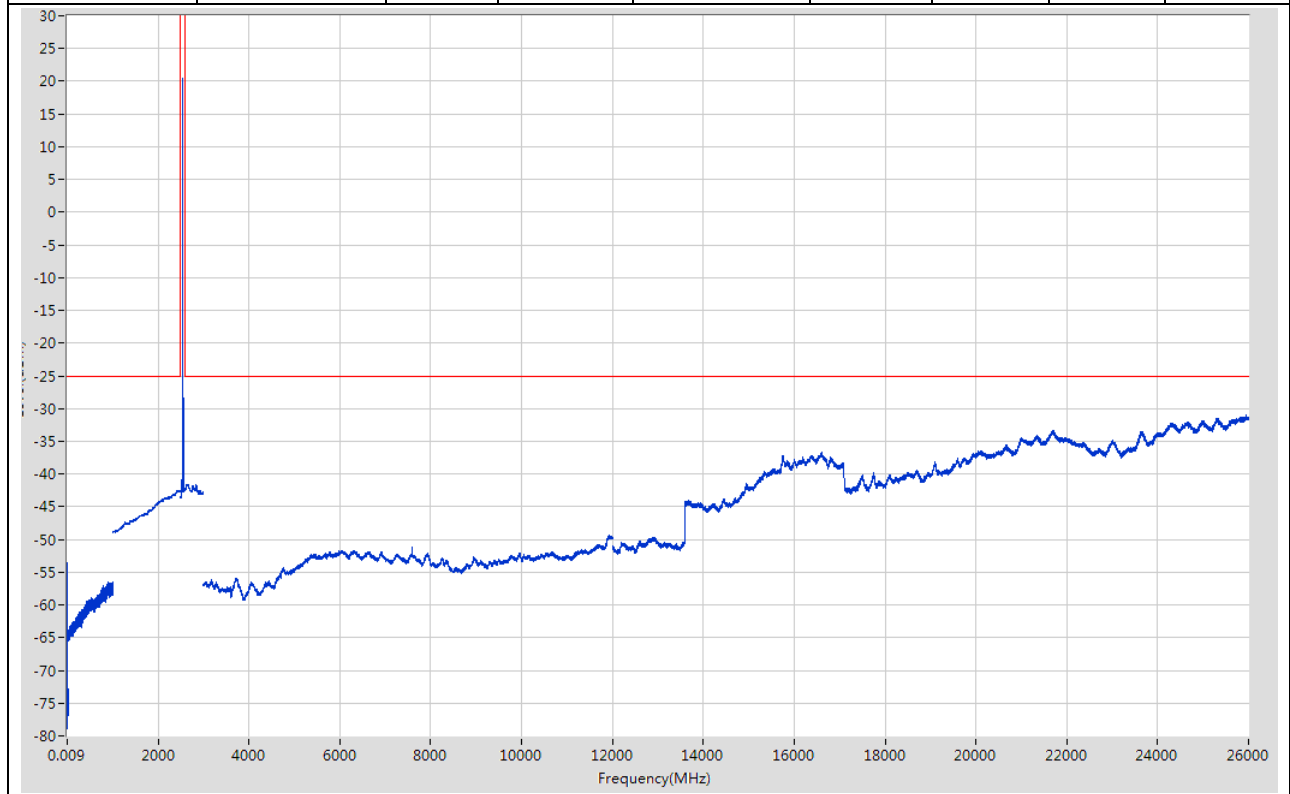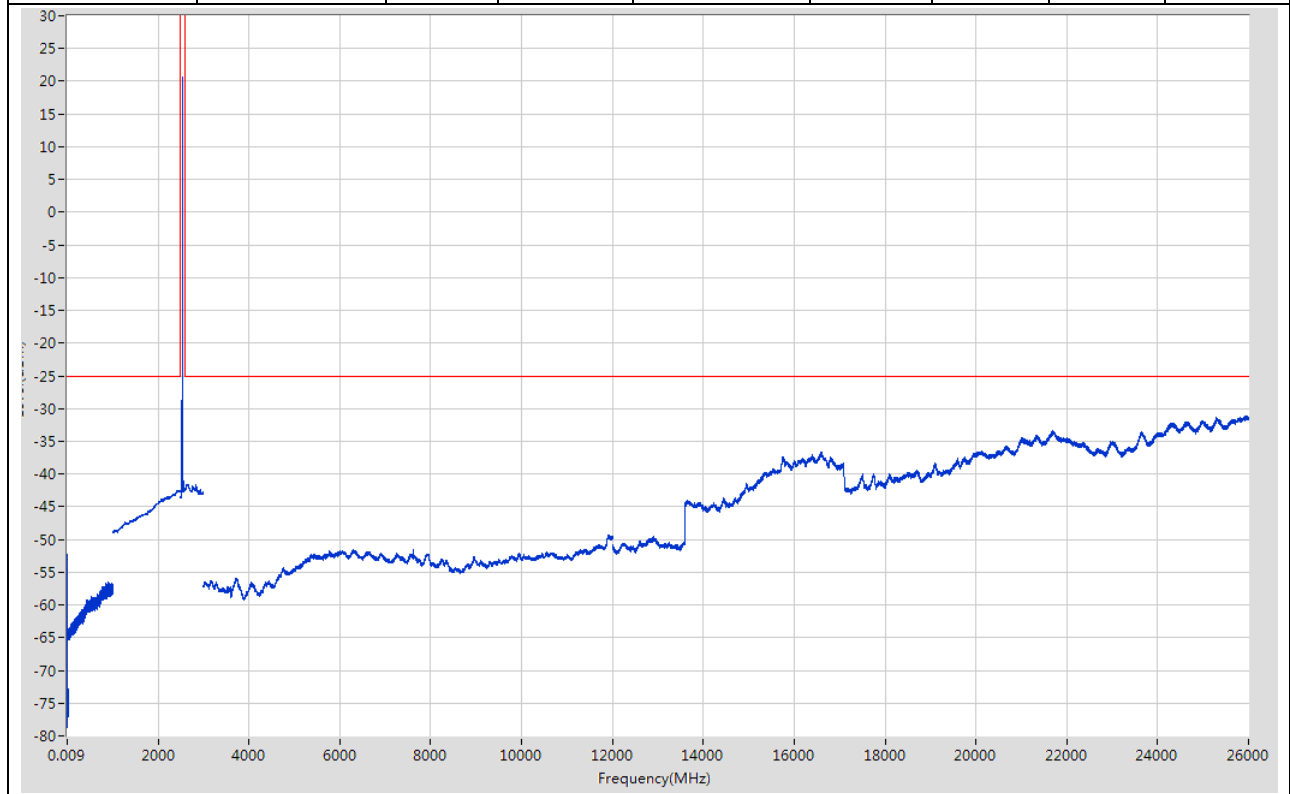| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
12000	26000	1	RMS	25956.997	-25.28	-25	Pass	14000

1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

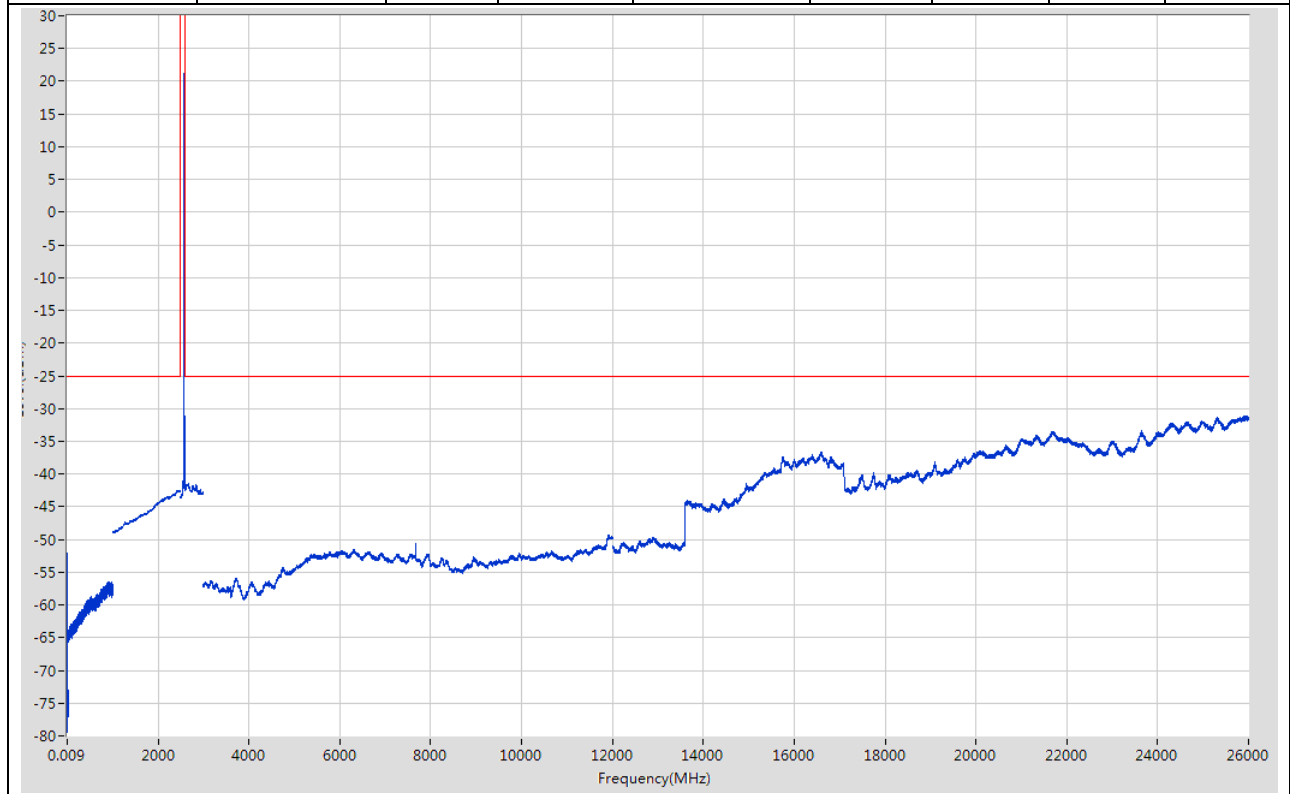| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.81	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.59	-25	Pass	2985
30	1000	0.1	RMS	900.89	-56.45	-25	Pass	9700
1000	2490	1	RMS	2459.98	-42.47	-25	Pass	1490
2490	2580	1	RMS	2528.4	20.43	60	Pass	601
2580	3000	1	RMS	2657	-41.56	-25	Pass	601
3000	12000	1	RMS	11937.993	-49.36	-25	Pass	9000
12000	26000	1	RMS	25954.997	-31	-25	Pass	14000

1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

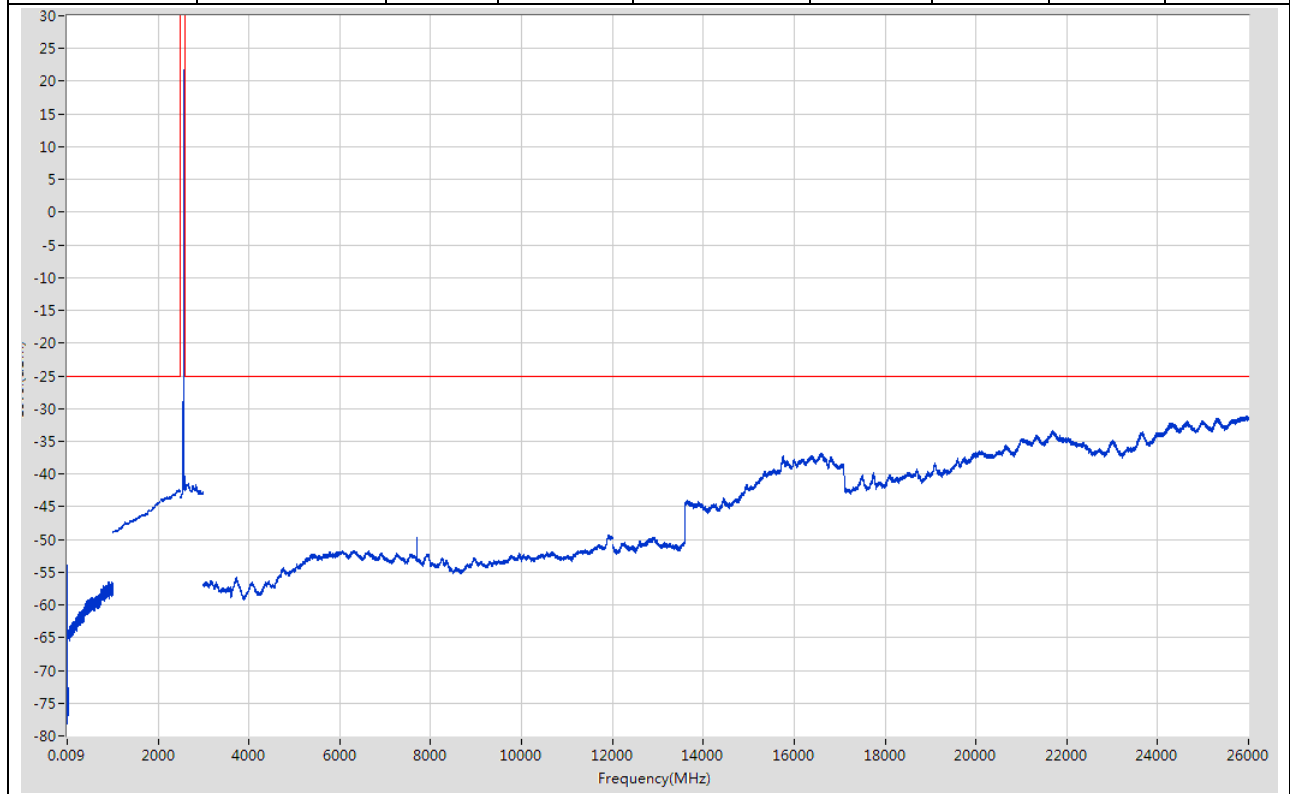| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.9	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.35	-25	Pass	2985
30	1000	0.1	RMS	889.989	-56.47	-25	Pass	9700
1000	2490	1	RMS	2428.959	-42.46	-25	Pass	1490
2490	2580	1	RMS	2541.6	20.64	60	Pass	601
2580	3000	1	RMS	2660.5	-41.55	-25	Pass	601
3000	12000	1	RMS	11906.99	-49.39	-25	Pass	9000
12000	26000	1	RMS	25981.999	-31.15	-25	Pass	14000

1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

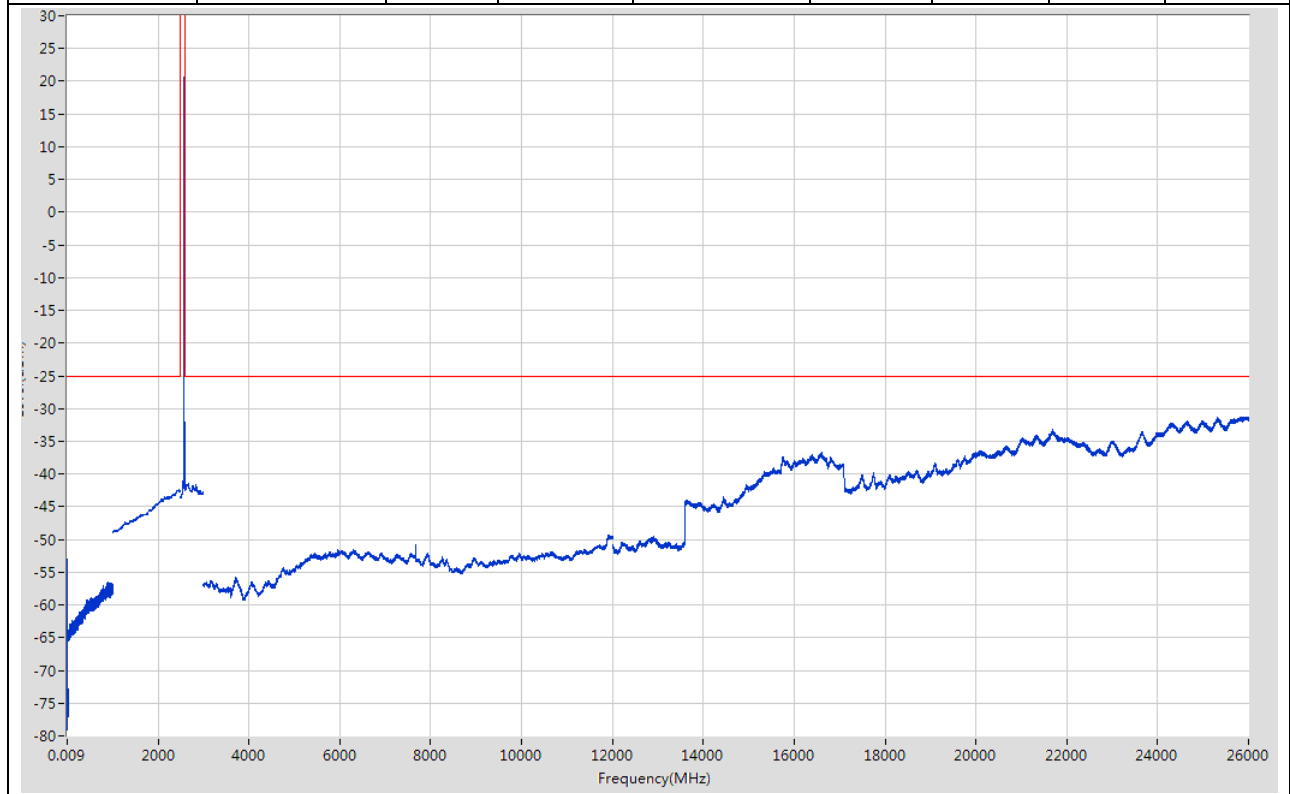| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.27	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.07	-25	Pass	2985
30	1000	0.1	RMS	986.199	-56.51	-25	Pass	9700
1000	2490	1	RMS	2453.976	-42.47	-25	Pass	1490
2490	2580	1	RMS	2555.85	21.26	60	Pass	601
2580	3000	1	RMS	2582.8	-31.13	-25	Pass	601
3000	12000	1	RMS	11912.99	-49.36	-25	Pass	9000
12000	26000	1	RMS	25959.997	-31.08	-25	Pass	14000

1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

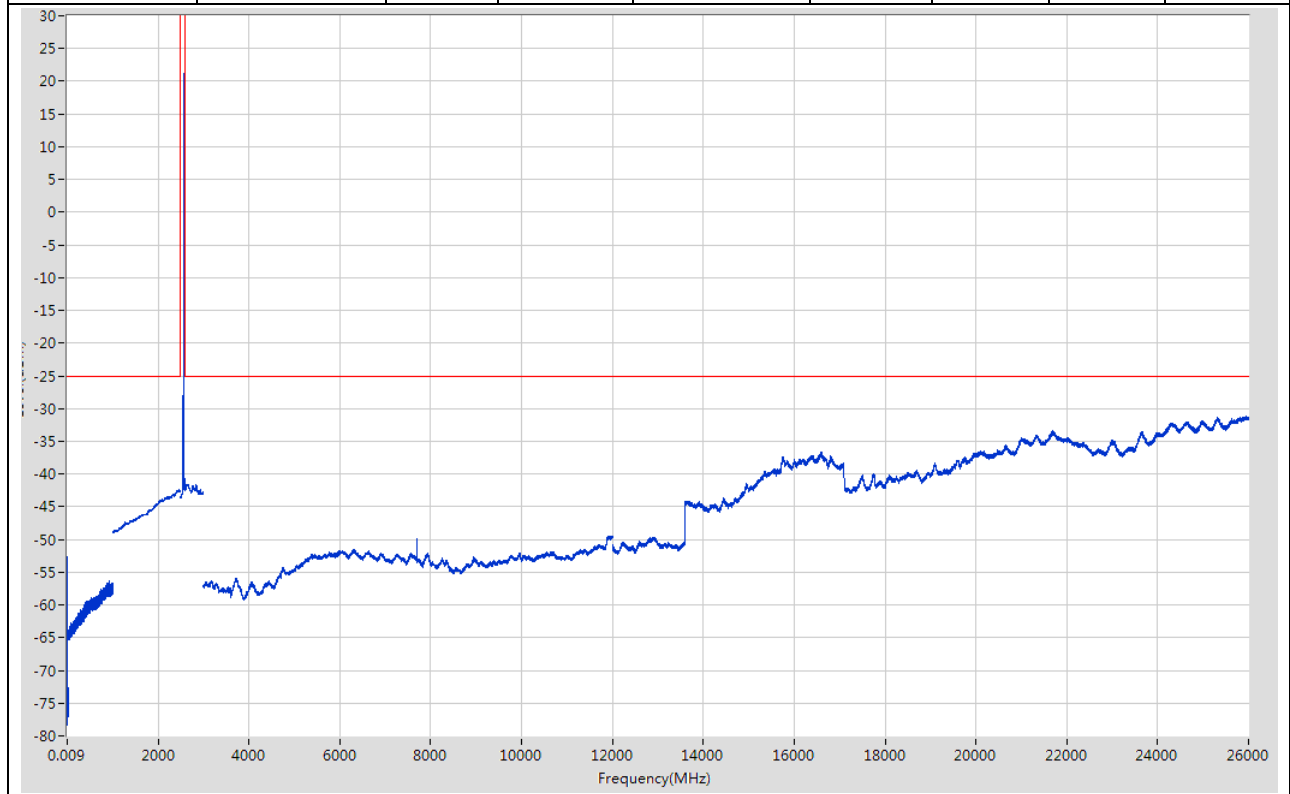| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.91	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.88	-25	Pass	2985
30	1000	0.1	RMS	972.297	-56.51	-25	Pass	9700
1000	2490	1	RMS	2452.975	-42.42	-25	Pass	1490
2490	2580	1	RMS	2569.2	21.77	60	Pass	601
2580	3000	1	RMS	2582.8	-40.41	-25	Pass	601
3000	12000	1	RMS	11925.992	-49.33	-25	Pass	9000
12000	26000	1	RMS	25941.996	-31.08	-25	Pass	14000

1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

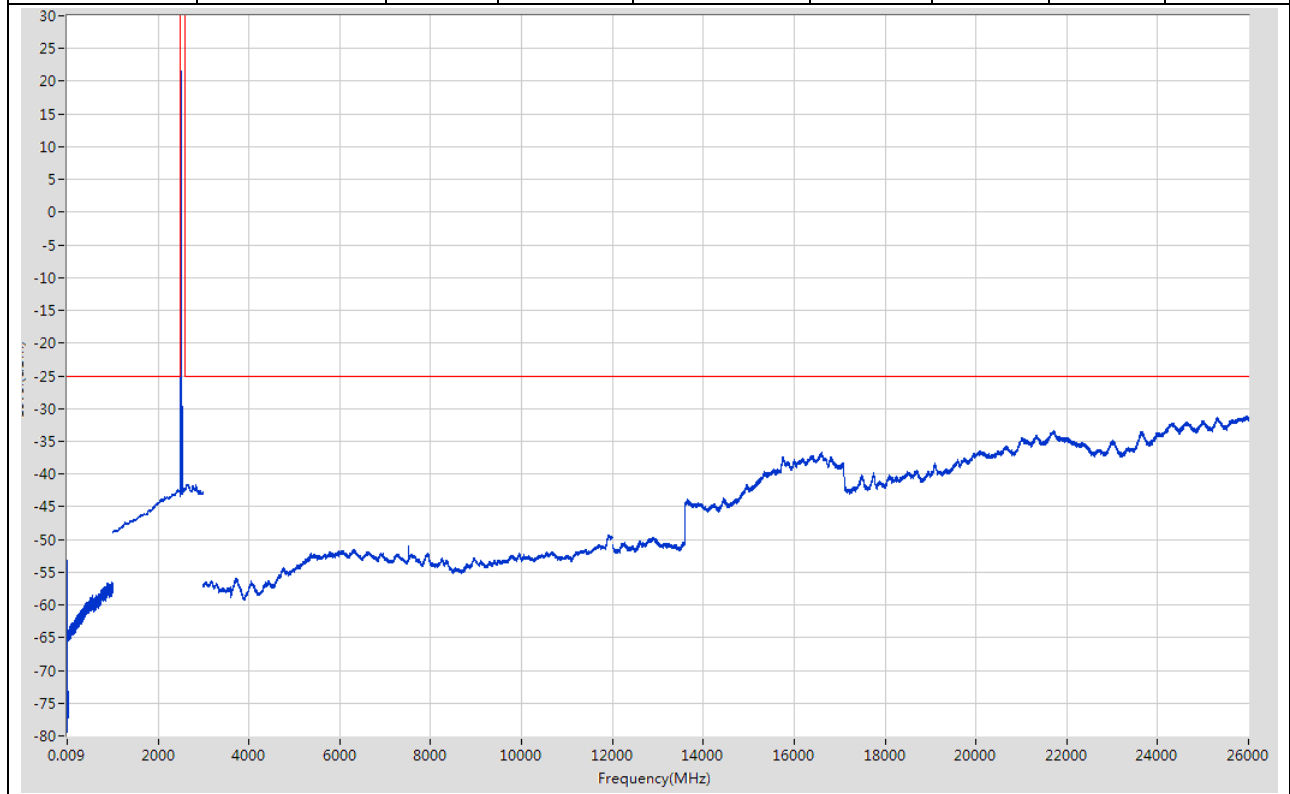| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.95	-25	Pass	2985
30	1000	0.1	RMS	899.99	-56.54	-25	Pass	9700
1000	2490	1	RMS	2452.975	-42.44	-25	Pass	1490
2490	2580	1	RMS	2555.85	20.65	60	Pass	601
2580	3000	1	RMS	2582.8	-32.09	-25	Pass	601
3000	12000	1	RMS	11903.989	-49.4	-25	Pass	9000
12000	26000	1	RMS	25994	-31.26	-25	Pass	14000

1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

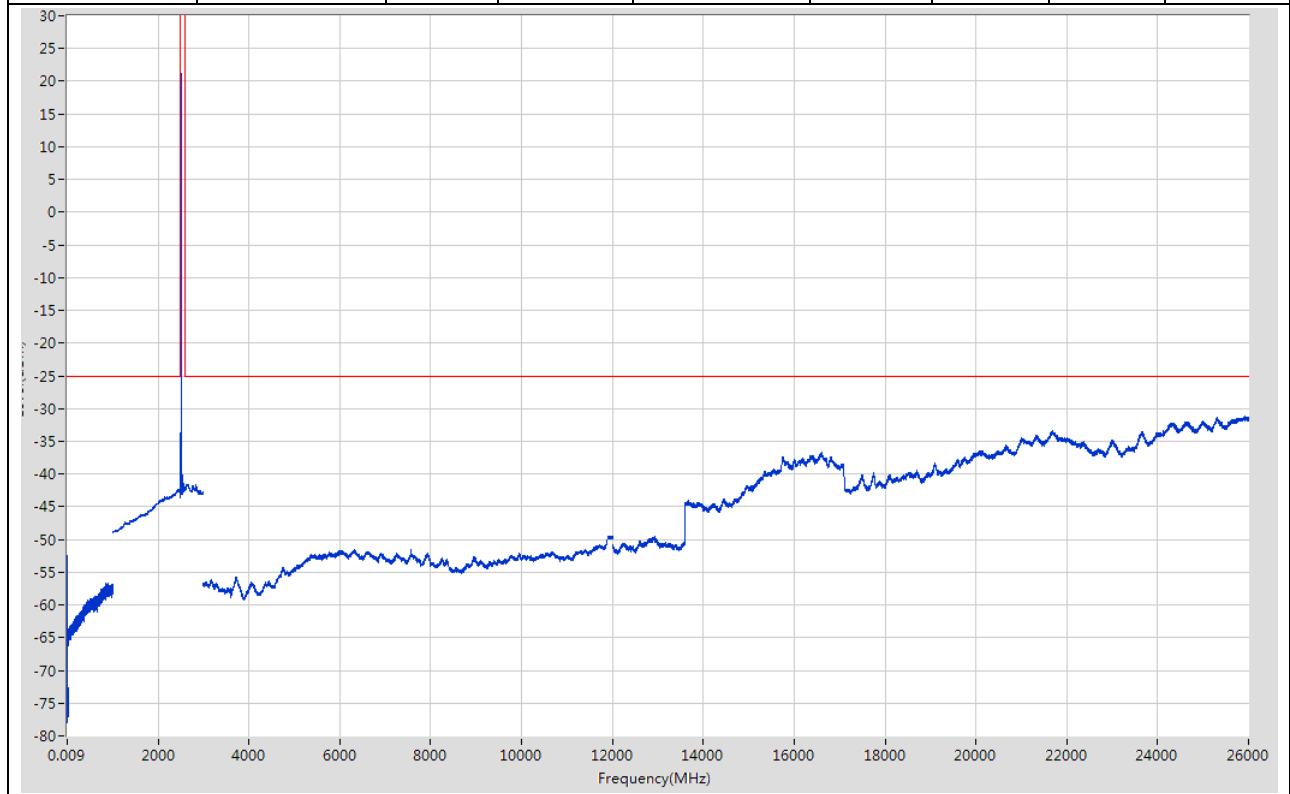| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.5	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.58	-25	Pass	2985
30	1000	0.1	RMS	918.492	-56.26	-25	Pass	9700
1000	2490	1	RMS	2448.972	-42.43	-25	Pass	1490
2490	2580	1	RMS	2569.2	21.14	60	Pass	601
2580	3000	1	RMS	2582.8	-40.69	-25	Pass	601
3000	12000	1	RMS	11926.992	-49.42	-25	Pass	9000
12000	26000	1	RMS	25947.996	-31.19	-25	Pass	14000

1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

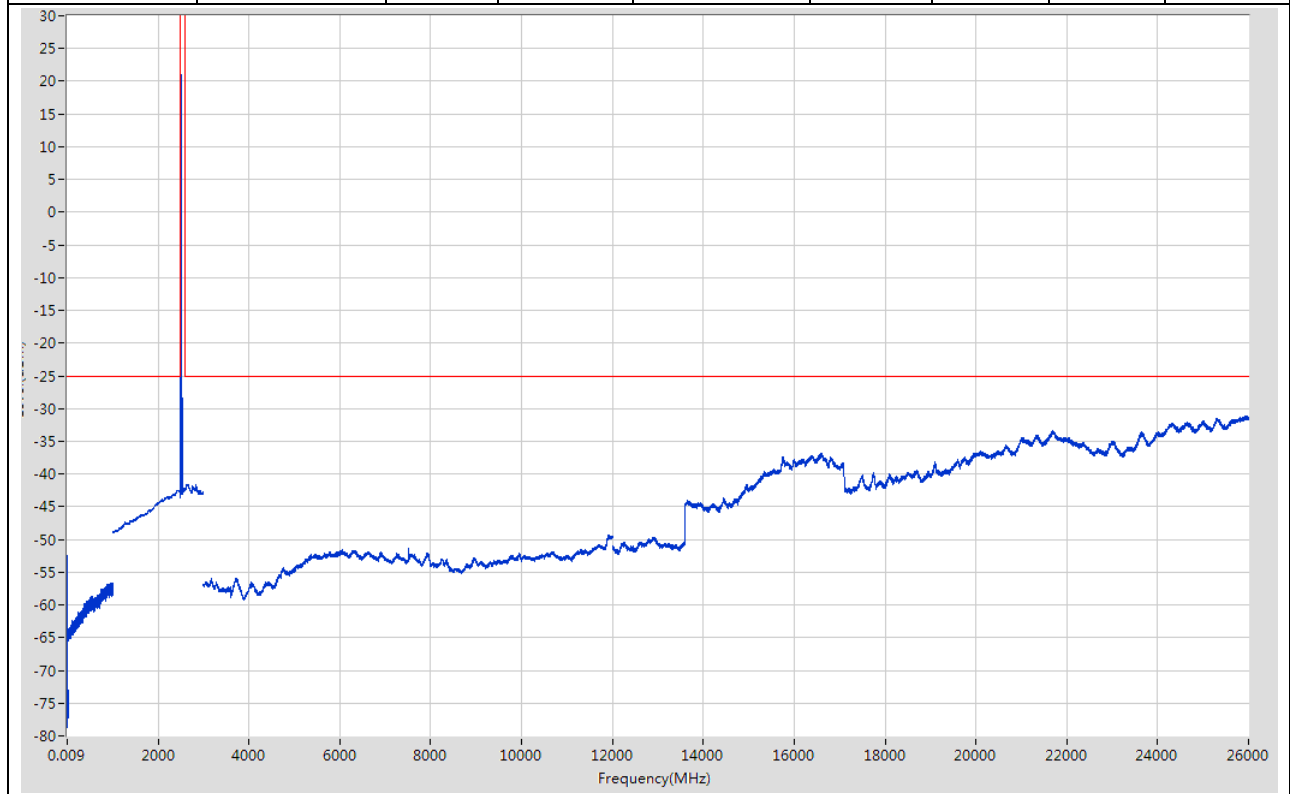| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.45	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.1	-25	Pass	2985
30	1000	0.1	RMS	981.398	-56.53	-25	Pass	9700
1000	2490	1	RMS	2427.958	-42.42	-25	Pass	1490
2490	2580	1	RMS	2501.1	21.64	60	Pass	601
2580	3000	1	RMS	2659.8	-41.54	-25	Pass	601
3000	12000	1	RMS	11914.991	-49.25	-25	Pass	9000
12000	26000	1	RMS	25948.996	-31.2	-25	Pass	14000

1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

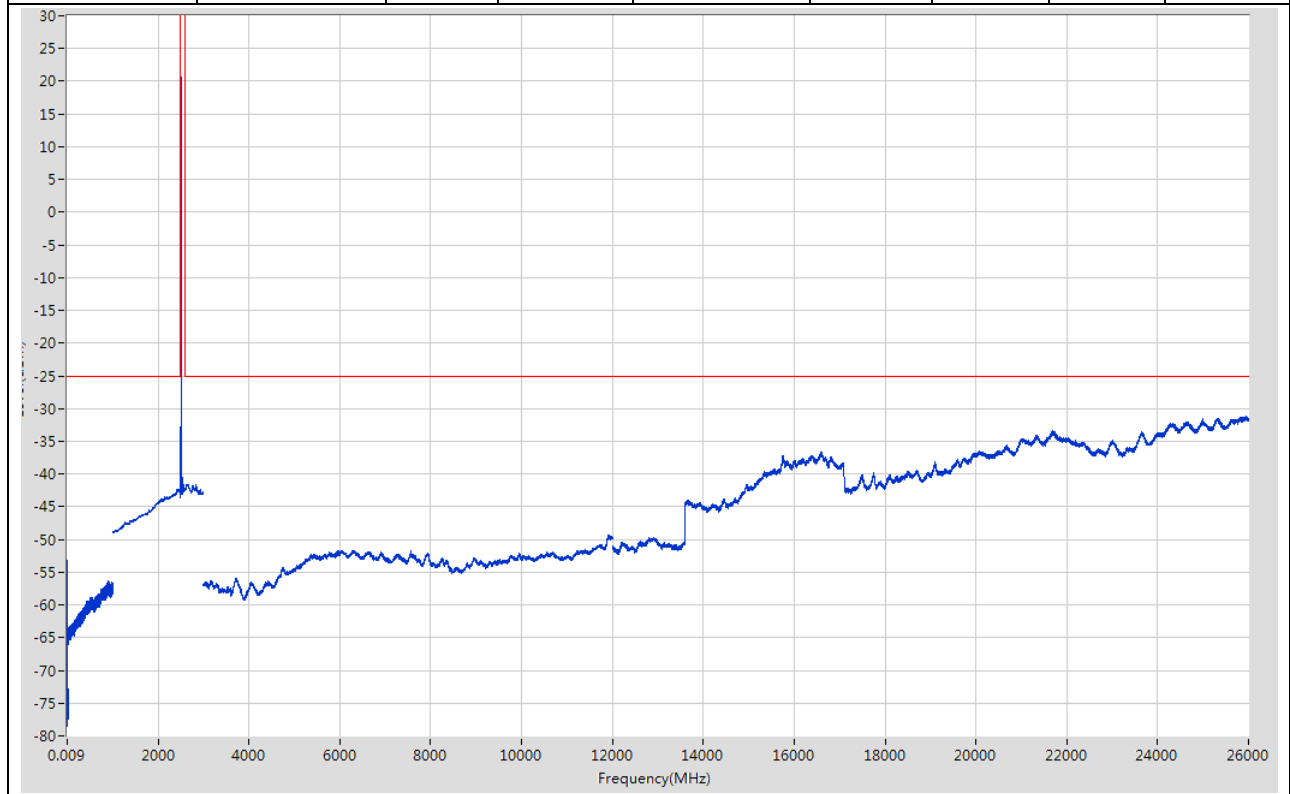| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.54	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.5	-25	Pass	2985
30	1000	0.1	RMS	843.084	-56.68	-25	Pass	9700
1000	2490	1	RMS	2482.995	-33.8	-25	Pass	1490
2490	2580	1	RMS	2518.95	21.17	60	Pass	601
2580	3000	1	RMS	2659.8	-41.53	-25	Pass	601
3000	12000	1	RMS	11913.99	-49.45	-25	Pass	9000
12000	26000	1	RMS	25930.995	-31.06	-25	Pass	14000

1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

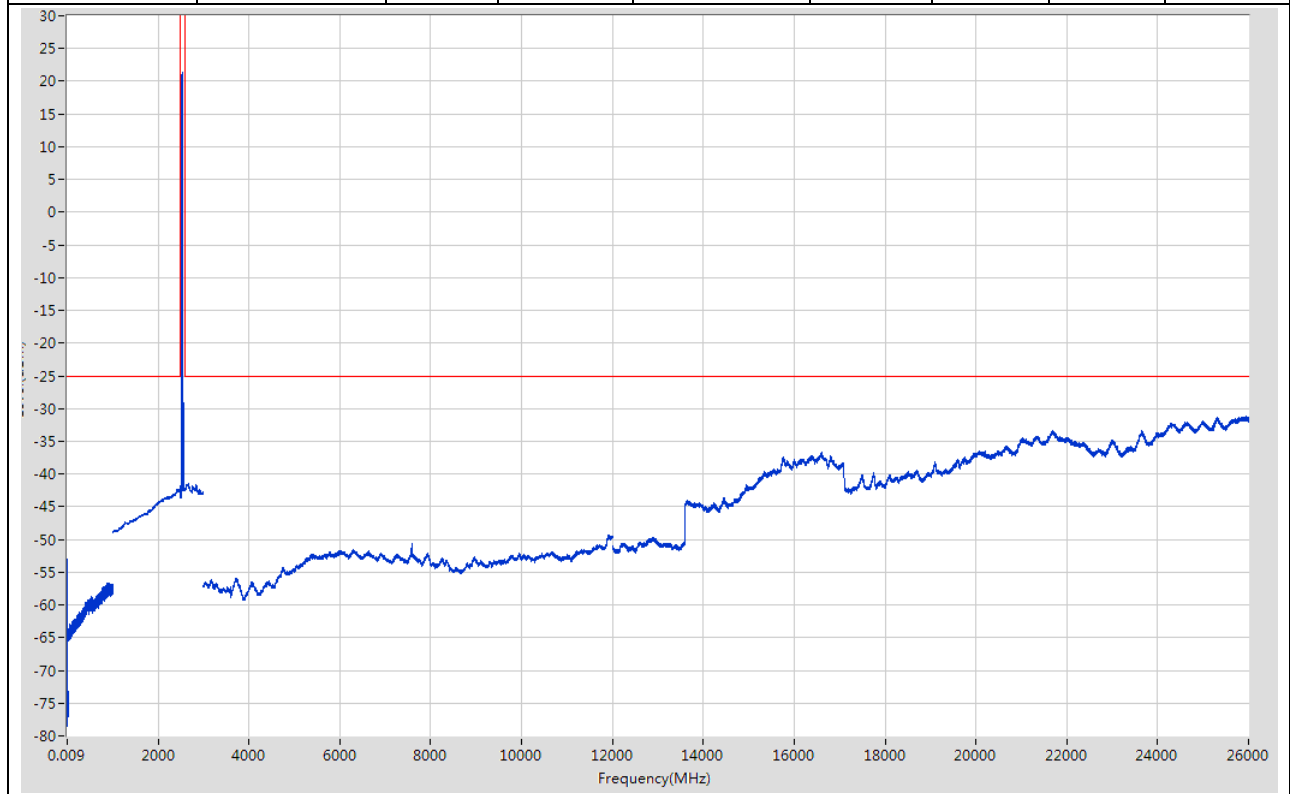| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.11	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.43	-25	Pass	2985
30	1000	0.1	RMS	997.4	-56.66	-25	Pass	9700
1000	2490	1	RMS	2426.958	-42.46	-25	Pass	1490
2490	2580	1	RMS	2501.1	20.98	60	Pass	601
2580	3000	1	RMS	2659.8	-41.55	-25	Pass	601
3000	12000	1	RMS	11909.99	-49.31	-25	Pass	9000
12000	26000	1	RMS	25959.997	-31.16	-25	Pass	14000

1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

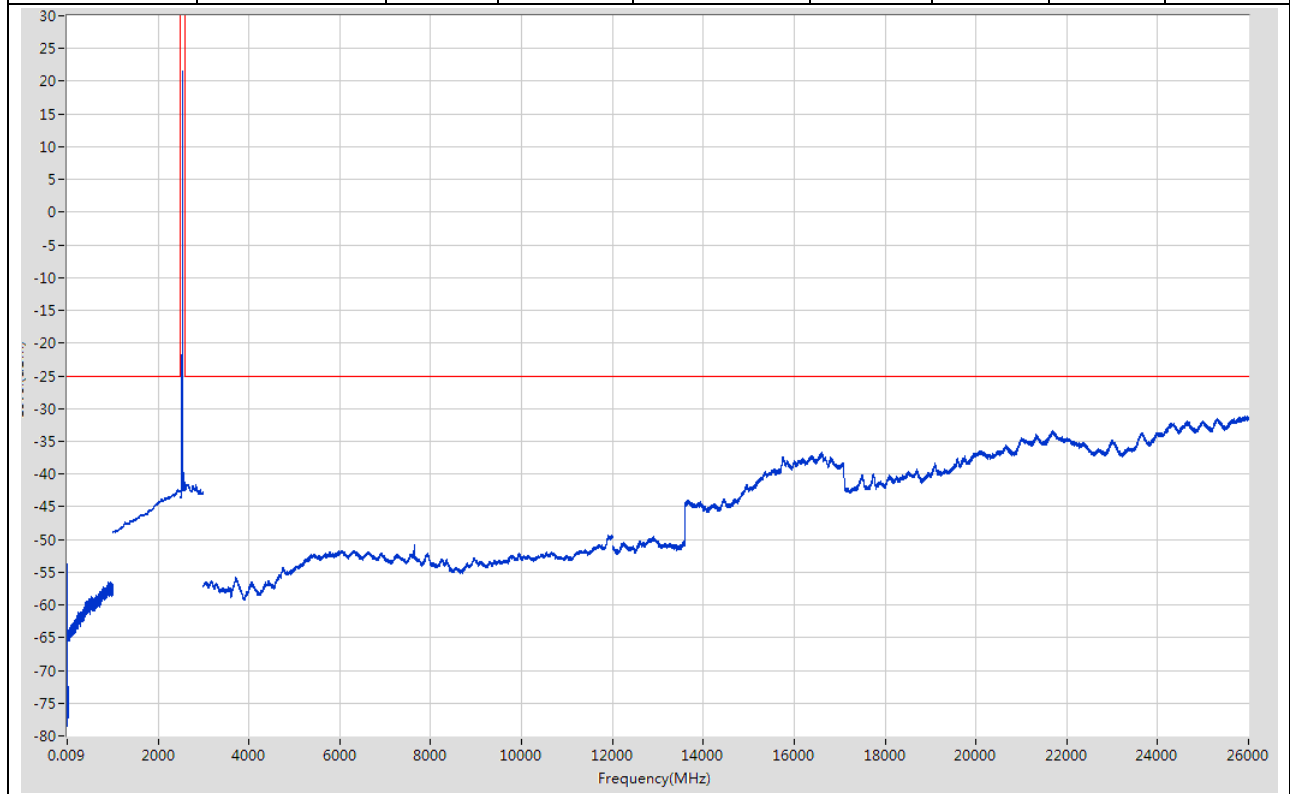| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.48	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.23	-25	Pass	2985
30	1000	0.1	RMS	901.29	-56.36	-25	Pass	9700
1000	2490	1	RMS	2482.995	-32.84	-25	Pass	1490
2490	2580	1	RMS	2518.95	20.59	60	Pass	601
2580	3000	1	RMS	2660.5	-41.53	-25	Pass	601
3000	12000	1	RMS	11897.989	-49.38	-25	Pass	9000
12000	26000	1	RMS	25938.996	-31.18	-25	Pass	14000

1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

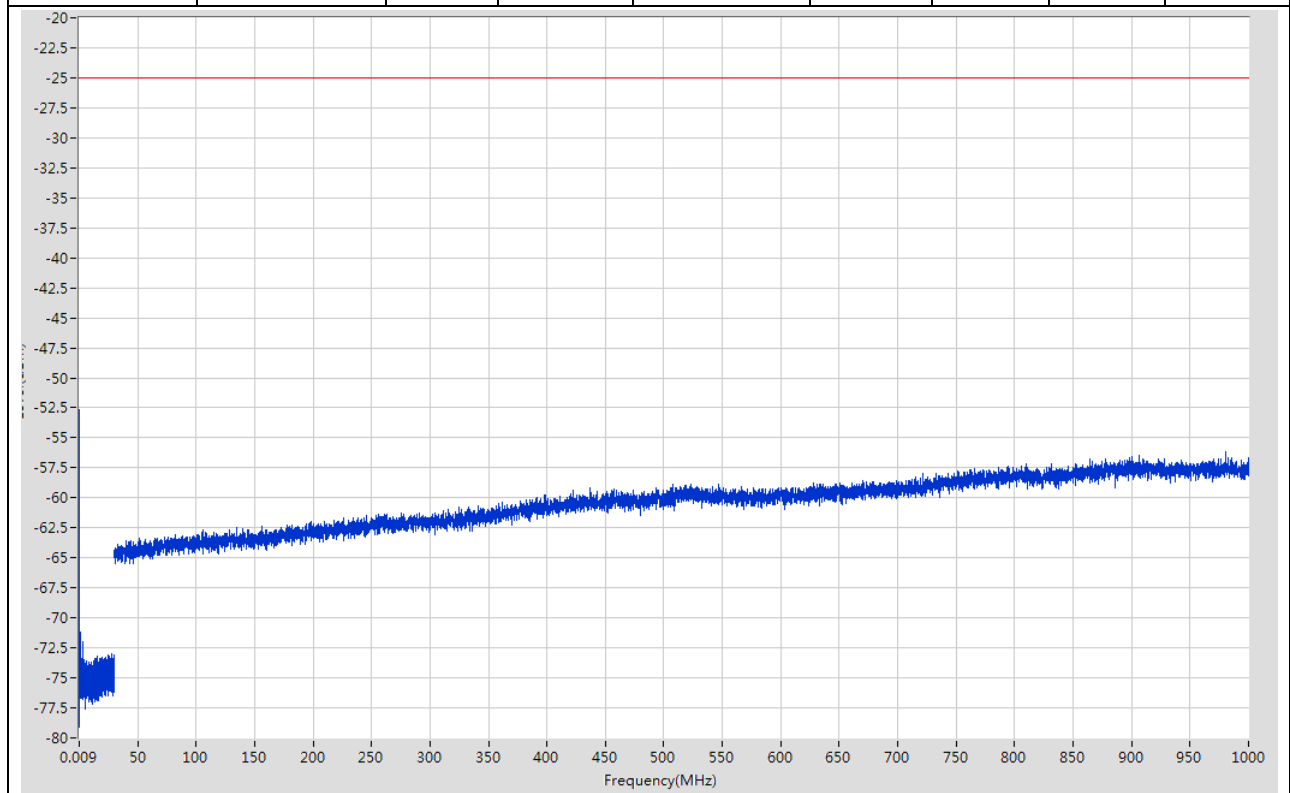| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.77	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.93	-25	Pass	2985
30	1000	0.1	RMS	885.188	-56.6	-25	Pass	9700
1000	2490	1	RMS	2490	-41.72	-25	Pass	1490
2490	2580	1	RMS	2526.15	21.33	60	Pass	601
2580	3000	1	RMS	2660.5	-41.52	-25	Pass	601
3000	12000	1	RMS	11908.99	-49.38	-25	Pass	9000
12000	26000	1	RMS	25953.997	-31.15	-25	Pass	14000

1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

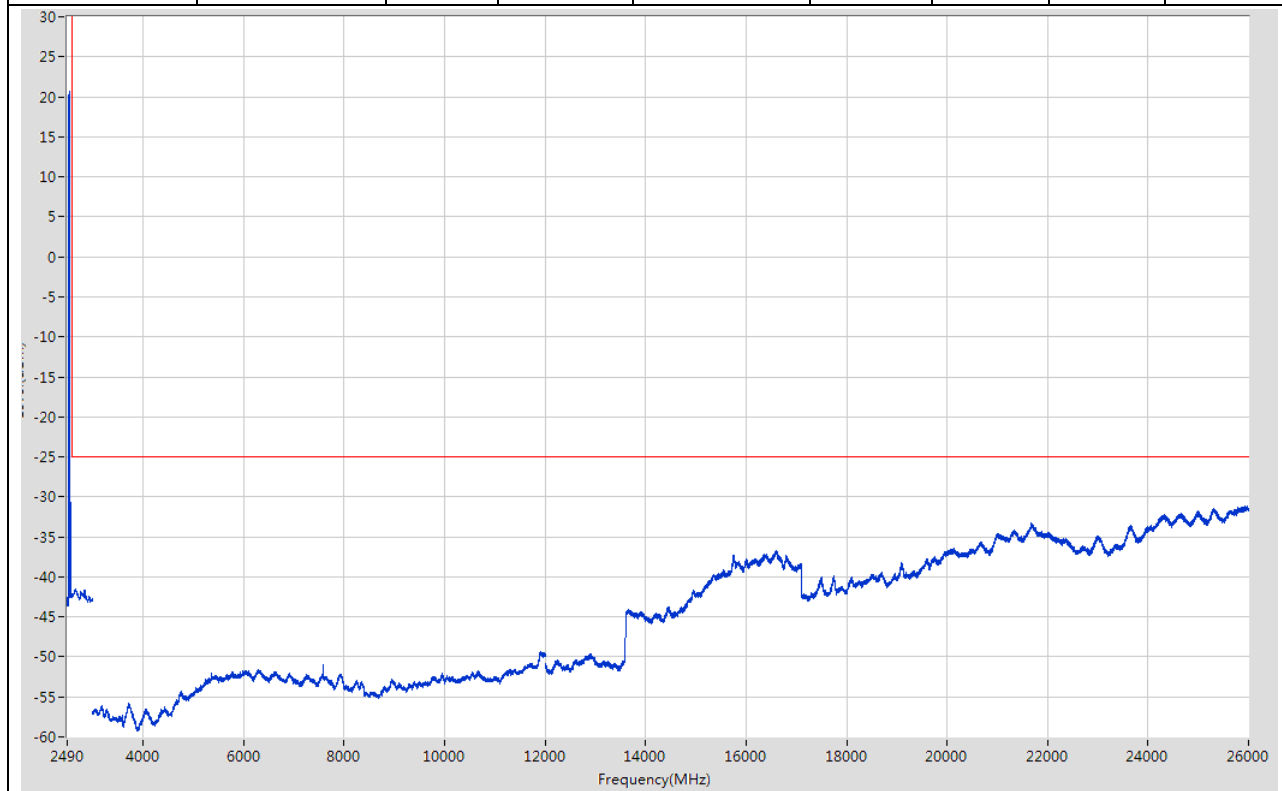| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.19	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.68	-25	Pass	2985
30	1000	0.1	RMS	941.794	-56.41	-25	Pass	9700
1000	2490	1	RMS	2430.96	-42.44	-25	Pass	1490
2490	2580	1	RMS	2543.85	21.59	60	Pass	601
2580	3000	1	RMS	2660.5	-41.55	-25	Pass	601
3000	12000	1	RMS	11914.991	-49.39	-25	Pass	9000
12000	26000	1	RMS	25968.998	-31.17	-25	Pass	14000

1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

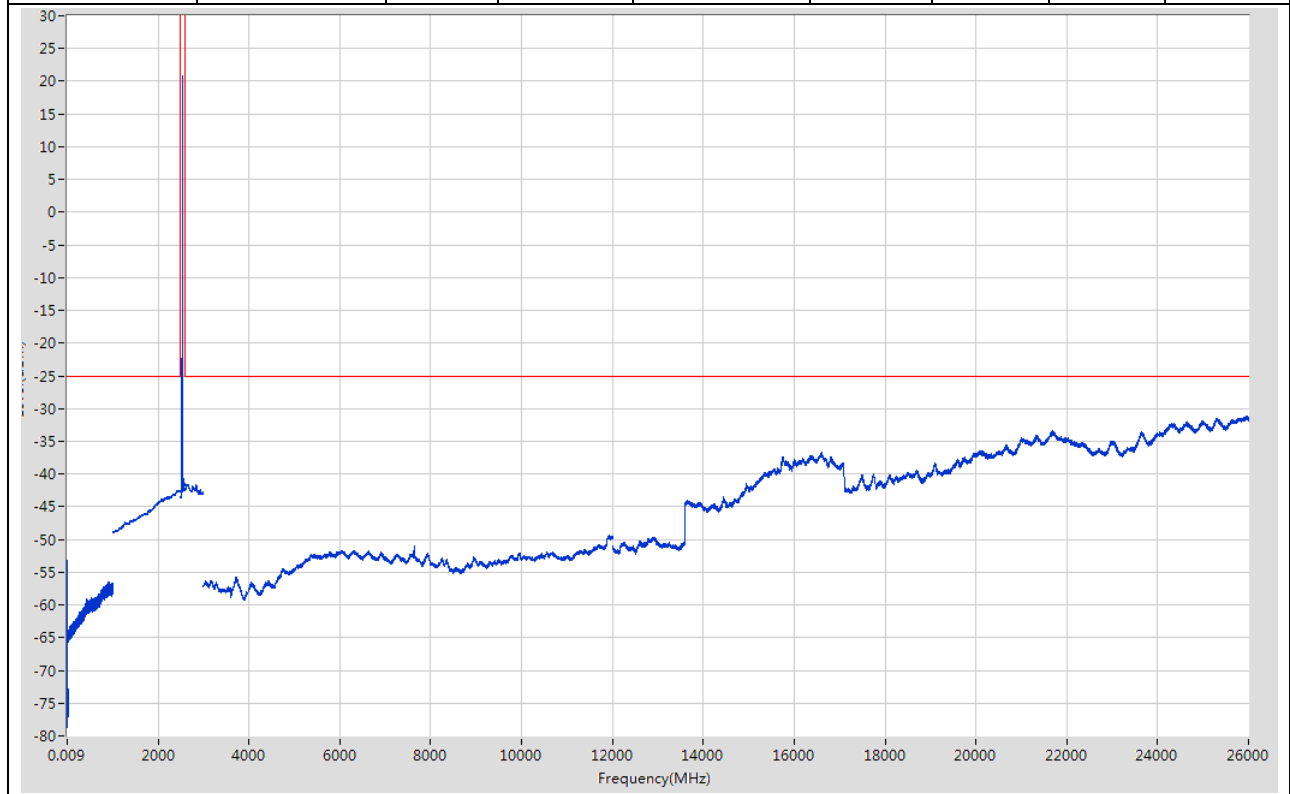| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.12	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.64	-25	Pass	2985
30	1000	0.1	RMS	980.798	-56.16	-25	Pass	9700

1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

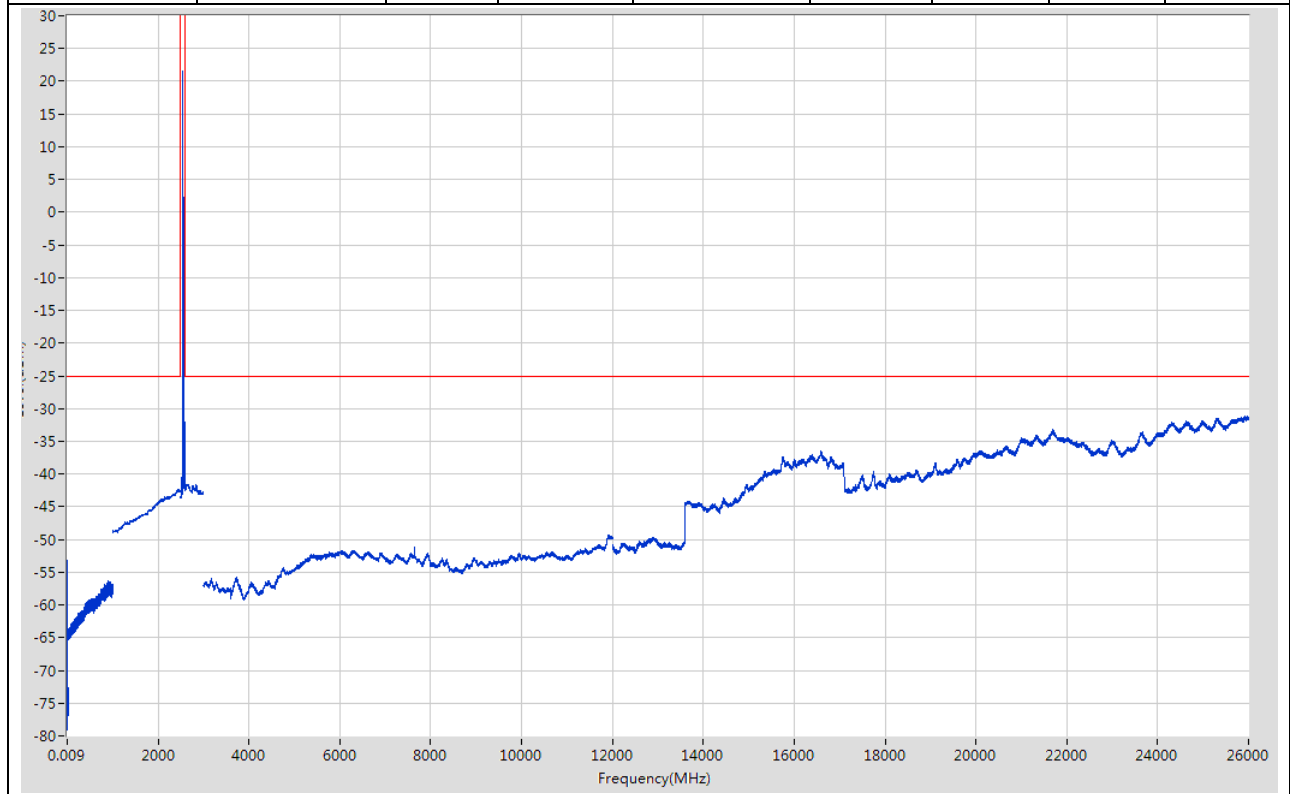| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
2490	2580	1	RMS	2526.15	20.64	60	Pass	601
2580	3000	1	RMS	2659.8	-41.51	-25	Pass	601
3000	12000	1	RMS	11913.99	-49.4	-25	Pass	9000
12000	26000	1	RMS	25965.998	-31.19	-25	Pass	14000

1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

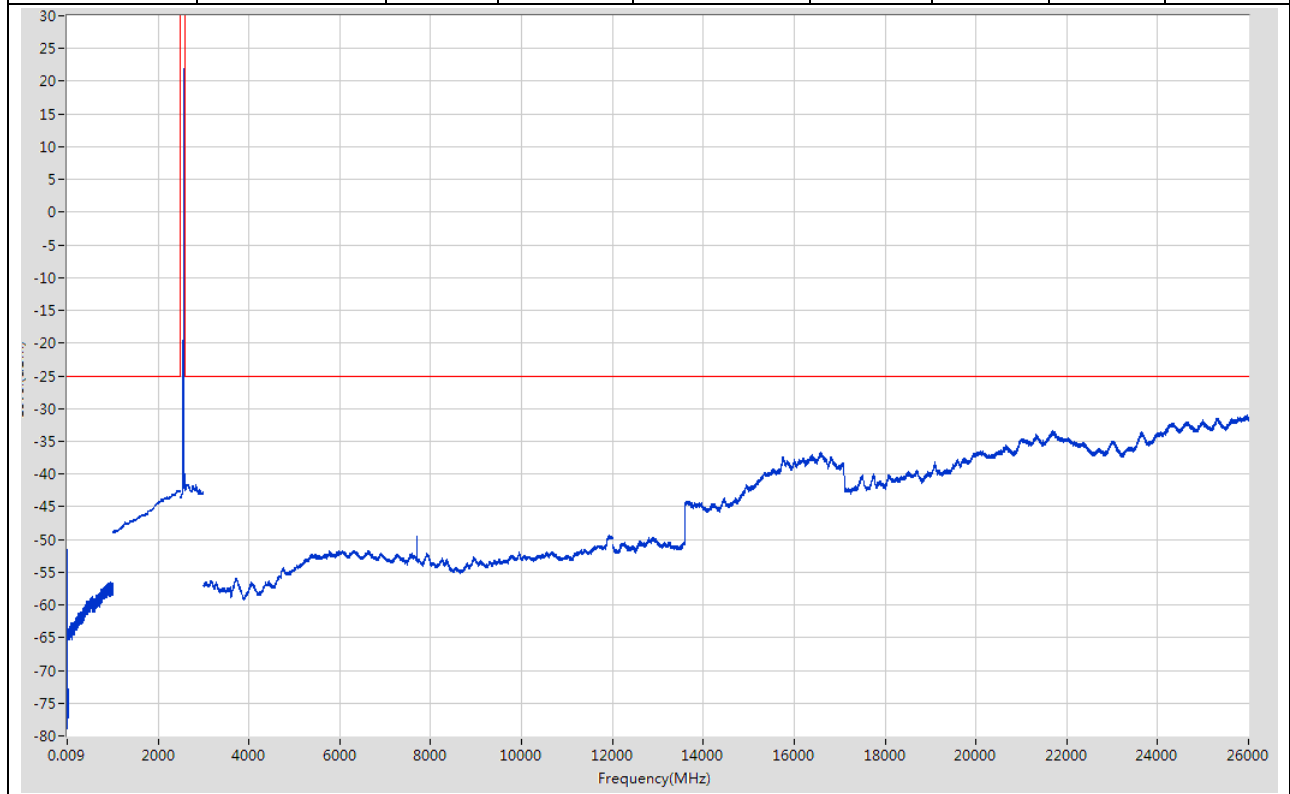| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.36	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.24	-25	Pass	2985
30	1000	0.1	RMS	932.693	-56.44	-25	Pass	9700
1000	2490	1	RMS	2431.961	-42.45	-25	Pass	1490
2490	2580	1	RMS	2543.85	20.82	60	Pass	601
2580	3000	1	RMS	2660.5	-41.56	-25	Pass	601
3000	12000	1	RMS	11924.992	-49.41	-25	Pass	9000
12000	26000	1	RMS	25941.996	-31.19	-25	Pass	14000

1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

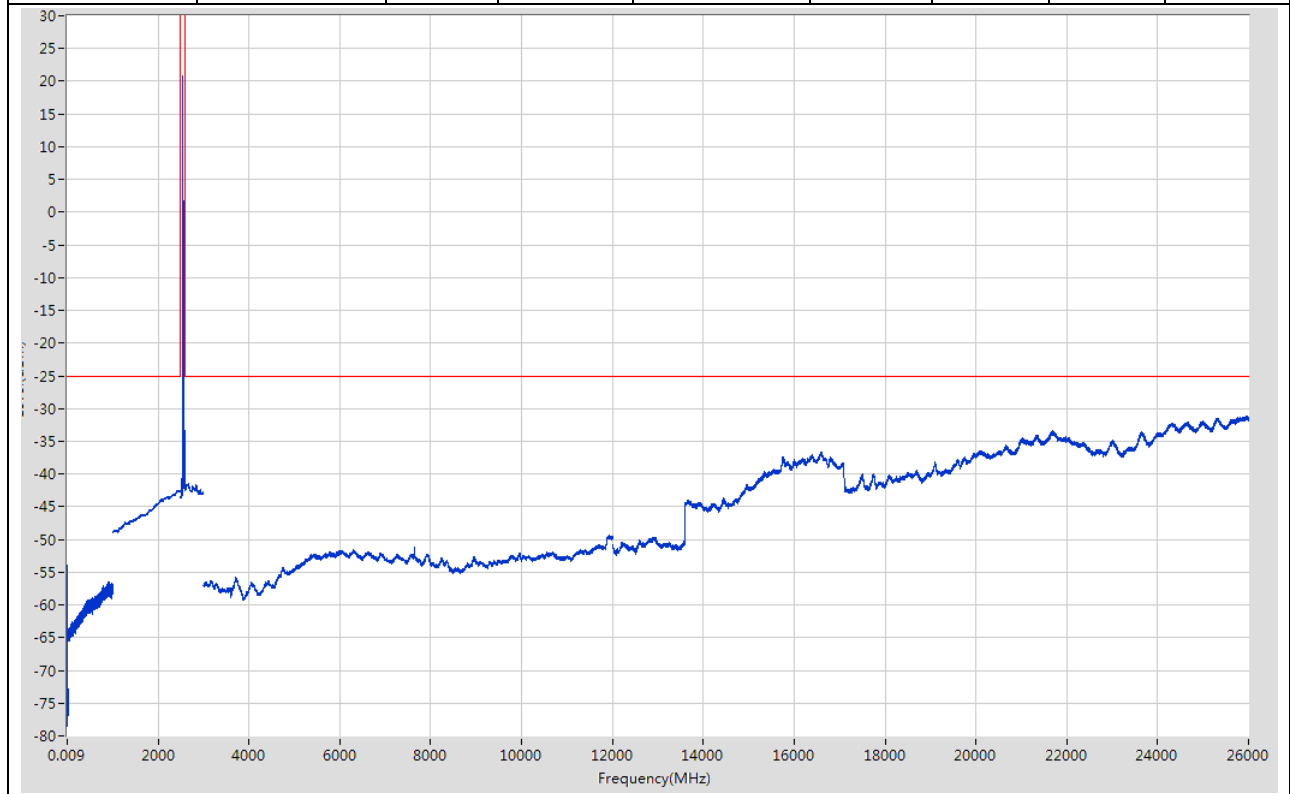| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.18	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.26	-25	Pass	2985
30	1000	0.1	RMS	900.39	-56.29	-25	Pass	9700
1000	2490	1	RMS	2450.974	-42.42	-25	Pass	1490
2490	2580	1	RMS	2551.05	21.48	60	Pass	601
2580	3000	1	RMS	2587	-32.05	-25	Pass	601
3000	12000	1	RMS	11915.991	-49.32	-25	Pass	9000
12000	26000	1	RMS	25907.993	-31.16	-25	Pass	14000

1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

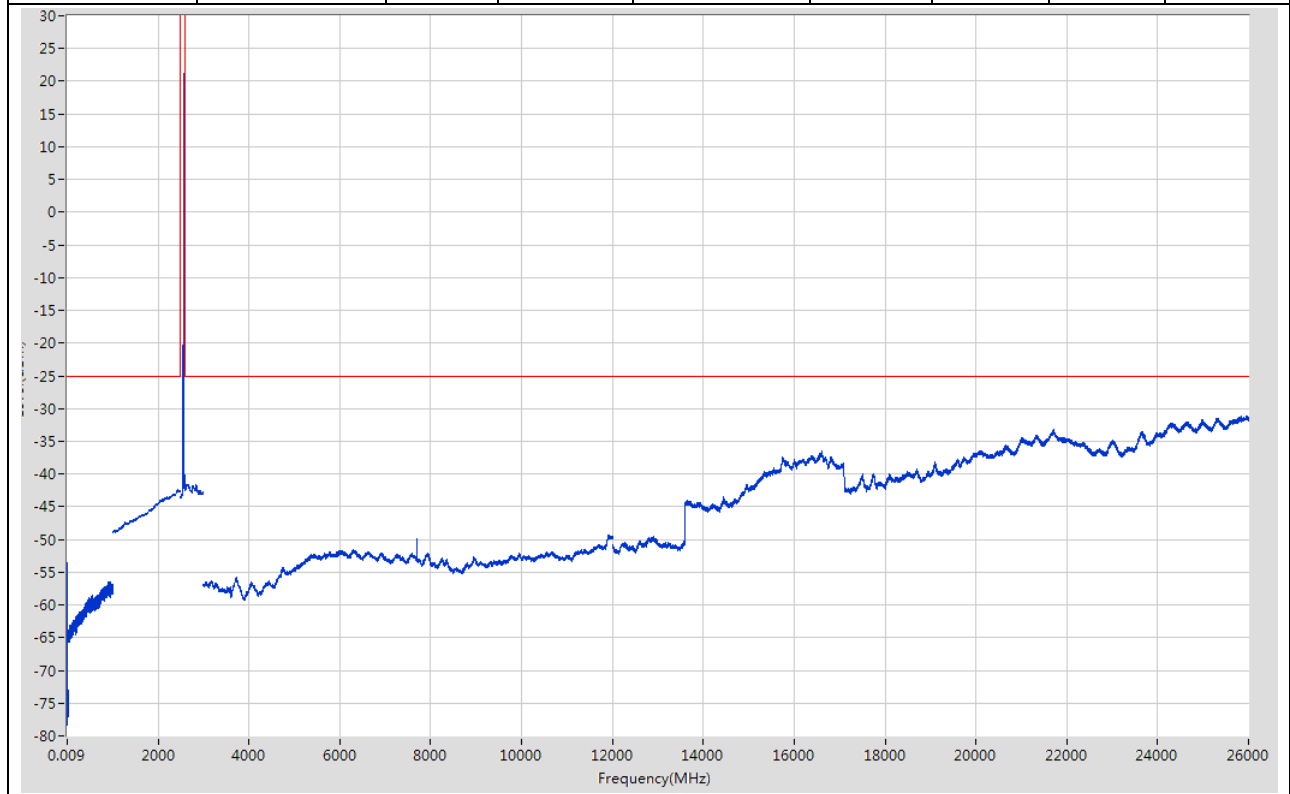| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.16	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.5	-25	Pass	2985
30	1000	0.1	RMS	942.994	-56.48	-25	Pass	9700
1000	2490	1	RMS	2450.974	-42.45	-25	Pass	1490
2490	2580	1	RMS	2568.9	21.91	60	Pass	601
2580	3000	1	RMS	2587	-39.94	-25	Pass	601
3000	12000	1	RMS	11918.991	-49.39	-25	Pass	9000
12000	26000	1	RMS	25962.997	-31.01	-25	Pass	14000

1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:21350, Bandwidth:20, 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	-54.44	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.88	-25	Pass	2985
30	1000	0.1	RMS	902.39	-56.52	-25	Pass	9700
1000	2490	1	RMS	2451.974	-42.46	-25	Pass	1490
2490	2580	1	RMS	2551.05	20.79	60	Pass	601
2580	3000	1	RMS	2587	-33.27	-25	Pass	601
3000	12000	1	RMS	11919.991	-49.38	-25	Pass	9000
12000	26000	1	RMS	25945.996	-31.13	-25	Pass	14000

1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:21350, Bandwidth:20, 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	-54.11	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.61	-25	Pass	2985
30	1000	0.1	RMS	903.09	-56.44	-25	Pass	9700
1000	2490	1	RMS	2425.957	-42.43	-25	Pass	1490
2490	2580	1	RMS	2568.9	21.14	60	Pass	601
2580	3000	1	RMS	2587	-40.21	-25	Pass	601
3000	12000	1	RMS	11909.99	-49.36	-25	Pass	9000
12000	26000	1	RMS	25950.997	-31.07	-25	Pass	14000

END