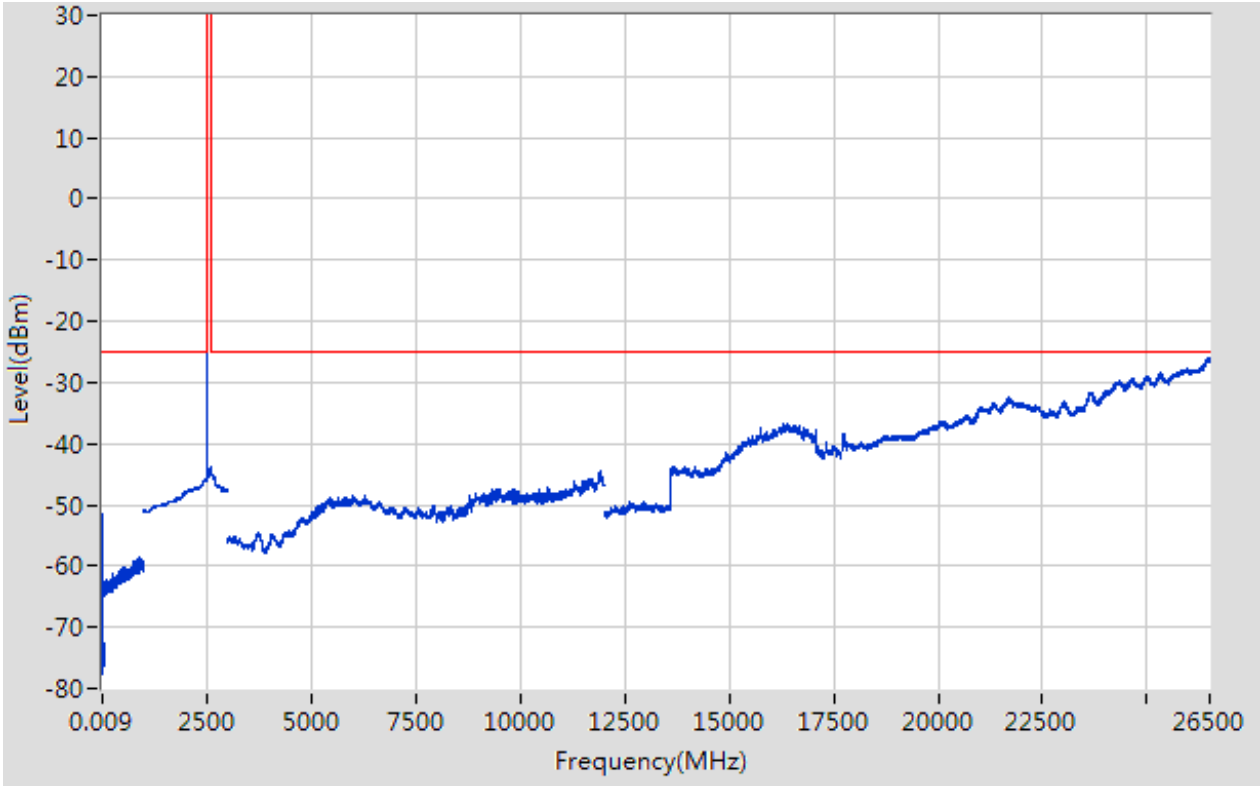
Annex C. LTE Transmitter Spurious Emissions

1. LTE_Band7

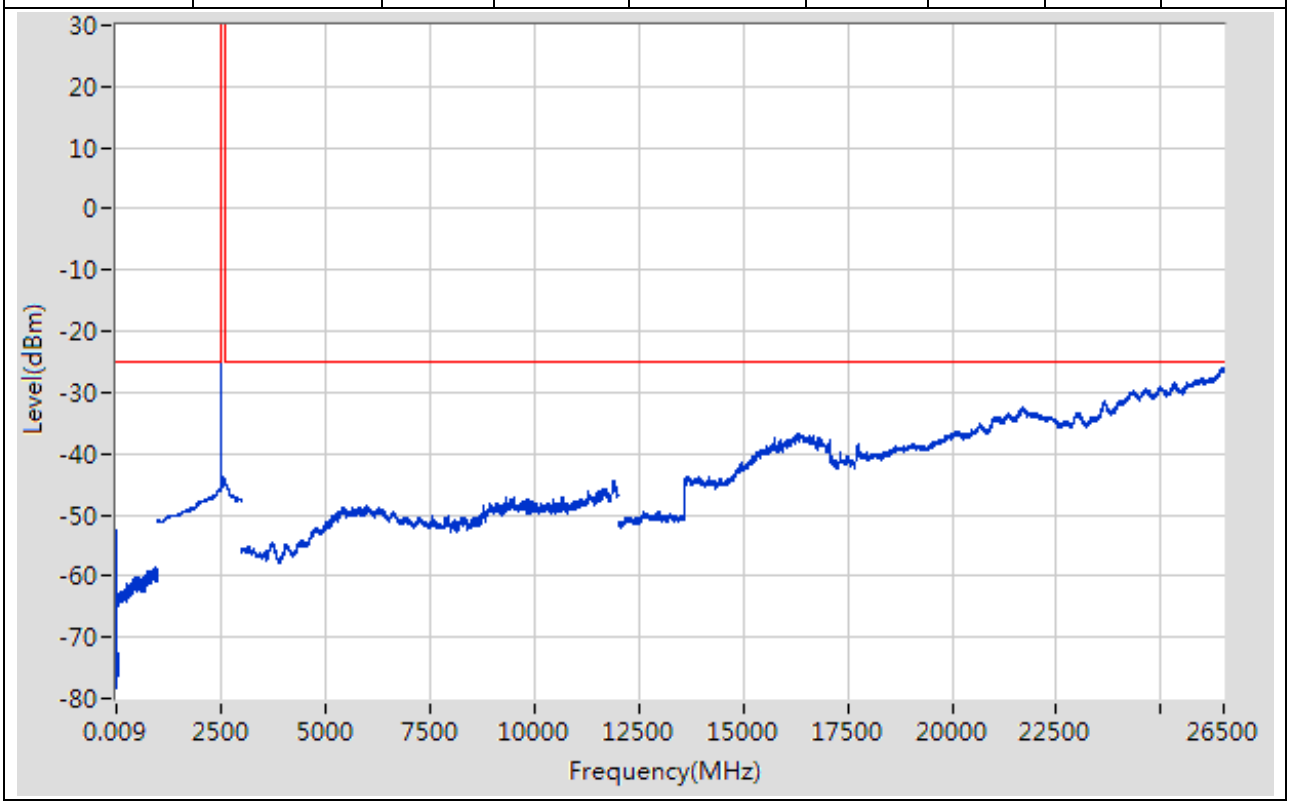
1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-52.76	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.66	-25	Pass	2985
30	1000	0.1	RMS	898.29	-58.46	-25	Pass	9700
1000	2490	1	RMS	2490	-45.18	-25	Pass	1490
2490	2580	1	RMS	2500.35	23.55	60	Pass	601
2580	3000	1	RMS	2580	-44.36	-25	Pass	601
3000	12000	1	RMS	11900.989	-44.54	-25	Pass	9000
12000	26500	1	RMS	26450.997	-25.98	-25	Pass	14500



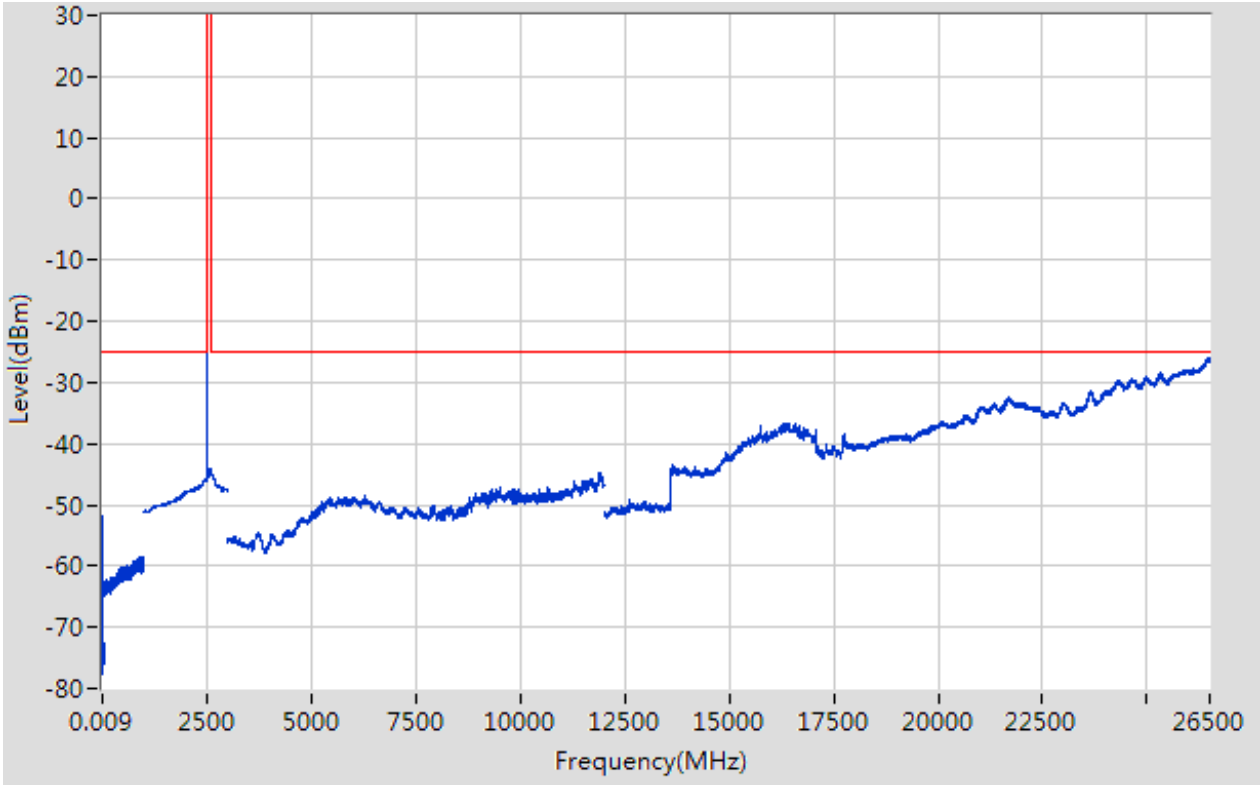
1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-54.09	-25	Pass	601
0.15	30	0.01	RMS	0.16	-52.66	-25	Pass	2985
30	1000	0.1	RMS	946.394	-58.47	-25	Pass	9700
1000	2490	1	RMS	2490	-45.18	-25	Pass	1490
2490	2580	1	RMS	2504.7	23.57	60	Pass	601
2580	3000	1	RMS	2580.7	-44.38	-25	Pass	601
3000	12000	1	RMS	11901.989	-44.55	-25	Pass	9000
12000	26500	1	RMS	26454.997	-25.89	-25	Pass	14500



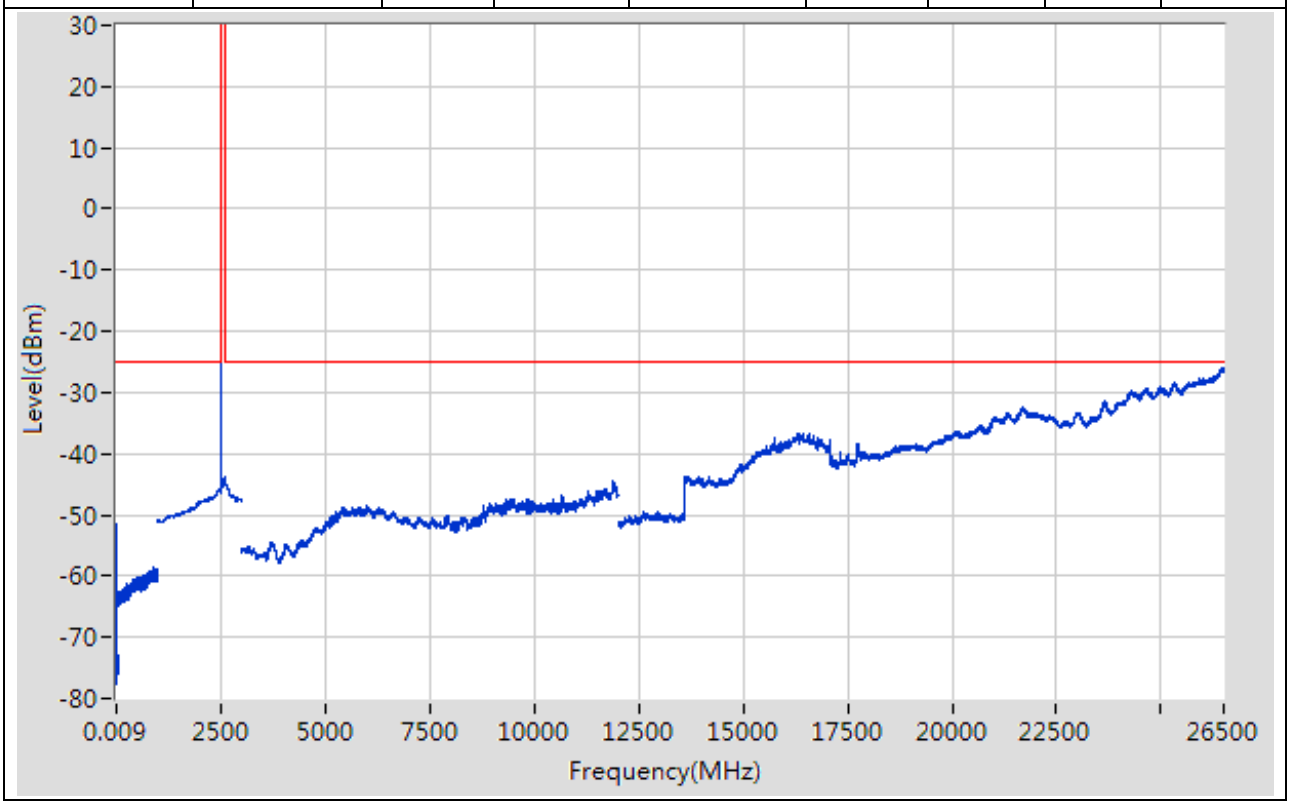
1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-52.82	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.99	-25	Pass	2985
30	1000	0.1	RMS	901.49	-58.44	-25	Pass	9700
1000	2490	1	RMS	2490	-45.2	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.49	60	Pass	601
2580	3000	1	RMS	2583.5	-44.4	-25	Pass	601
3000	12000	1	RMS	11909.99	-44.64	-25	Pass	9000
12000	26500	1	RMS	26453.997	-25.96	-25	Pass	14500



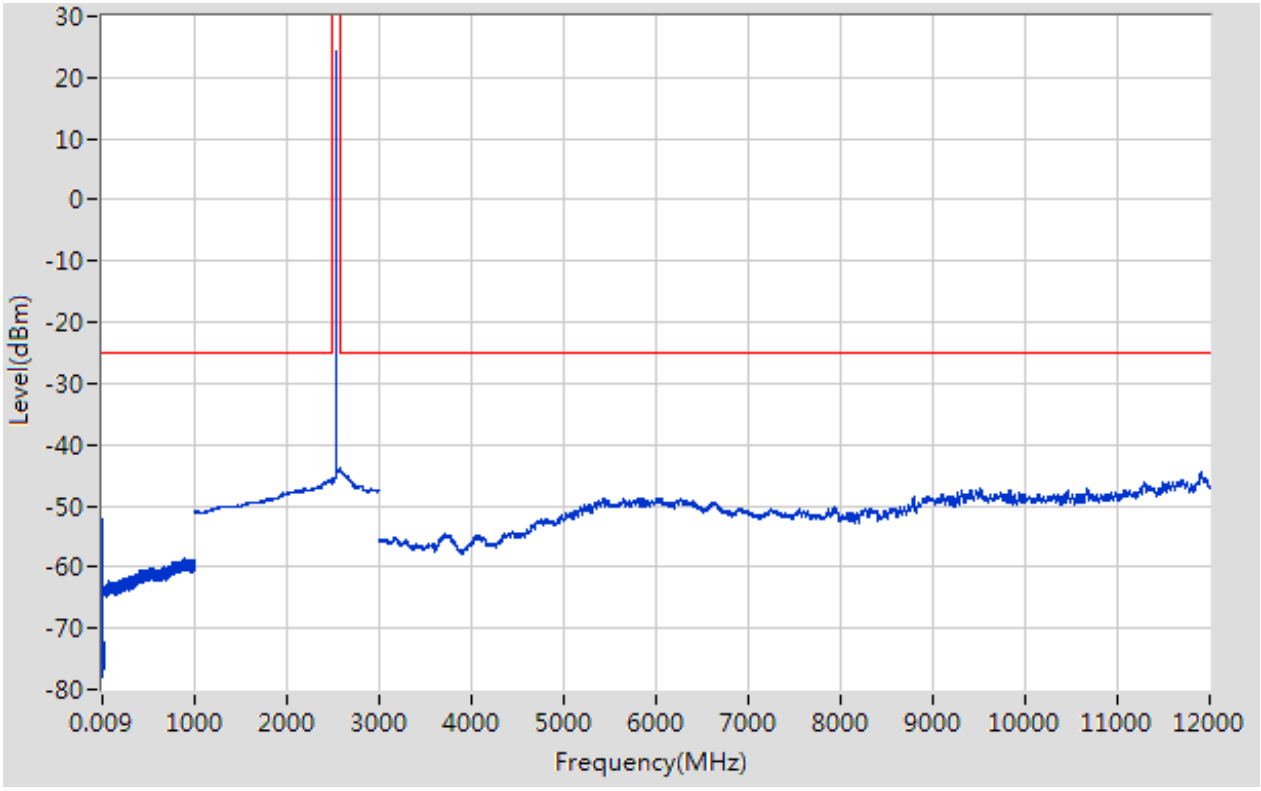
1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-52.83	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.34	-25	Pass	2985
30	1000	0.1	RMS	884.388	-58.6	-25	Pass	9700
1000	2490	1	RMS	2490	-45.28	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.55	60	Pass	601
2580	3000	1	RMS	2592.6	-44.36	-25	Pass	601
3000	12000	1	RMS	11899.989	-44.56	-25	Pass	9000
12000	26500	1	RMS	26460.997	-26.02	-25	Pass	14500



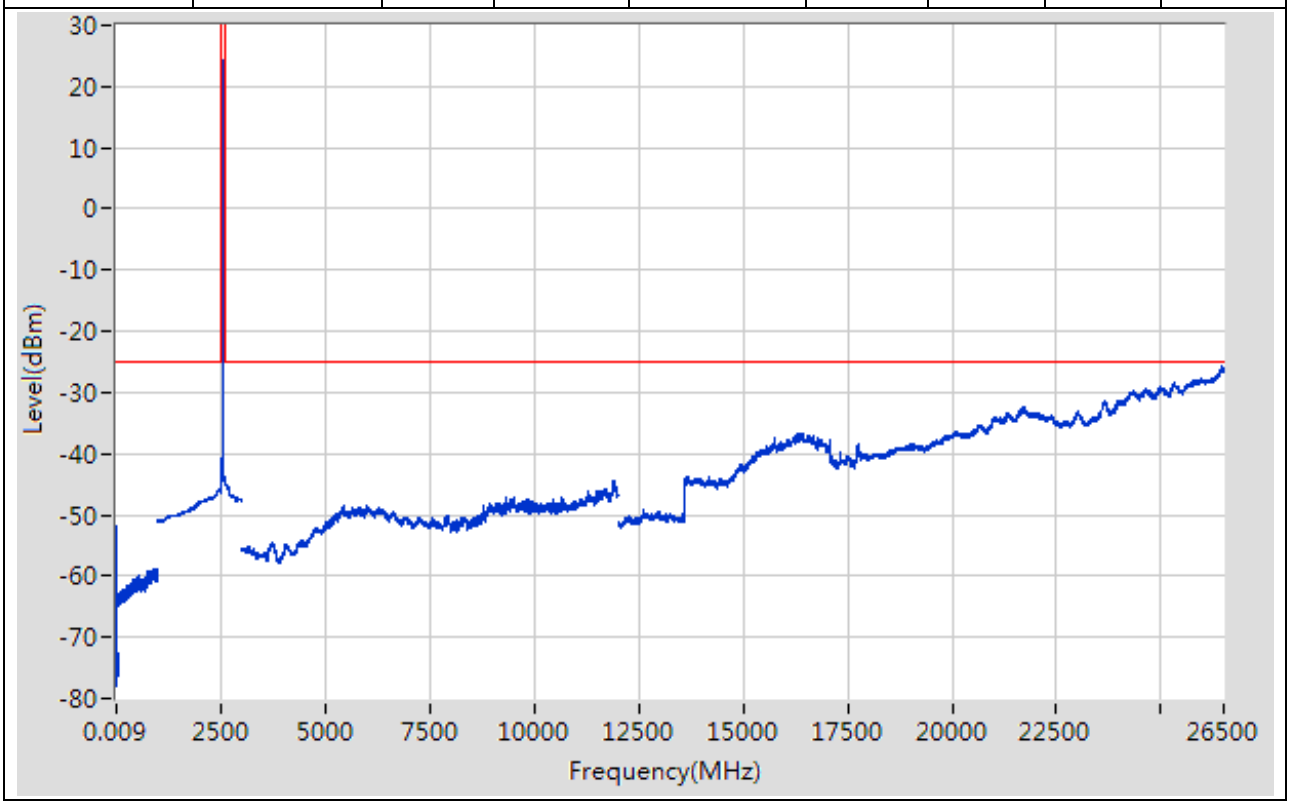
1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.8	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.31	-25	Pass	2985
30	1000	0.1	RMS	889.589	-58.65	-25	Pass	9700
1000	2490	1	RMS	2490	-45.34	-25	Pass	1490
2490	2580	1	RMS	2532.9	24.25	60	Pass	601
2580	3000	1	RMS	2589.8	-44.35	-25	Pass	601
3000	12000	1	RMS	11901.989	-44.57	-25	Pass	9000



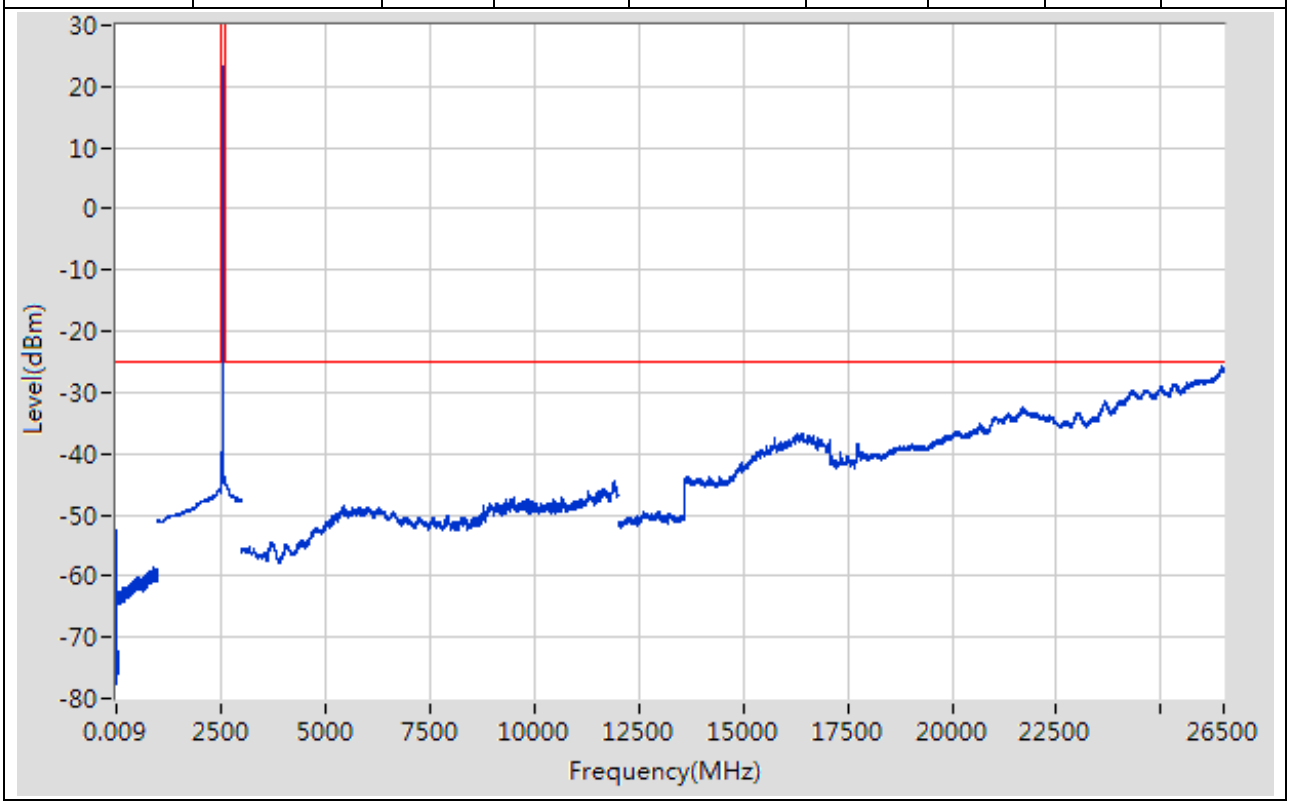
1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-52.57	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.9	-25	Pass	2985
30	1000	0.1	RMS	895.889	-58.74	-25	Pass	9700
1000	2490	1	RMS	2490	-45.35	-25	Pass	1490
2490	2580	1	RMS	2537.1	24.33	60	Pass	601
2580	3000	1	RMS	2580.7	-44.35	-25	Pass	601
3000	12000	1	RMS	11904.989	-44.6	-25	Pass	9000
12000	26500	1	RMS	26455.997	-25.8	-25	Pass	14500



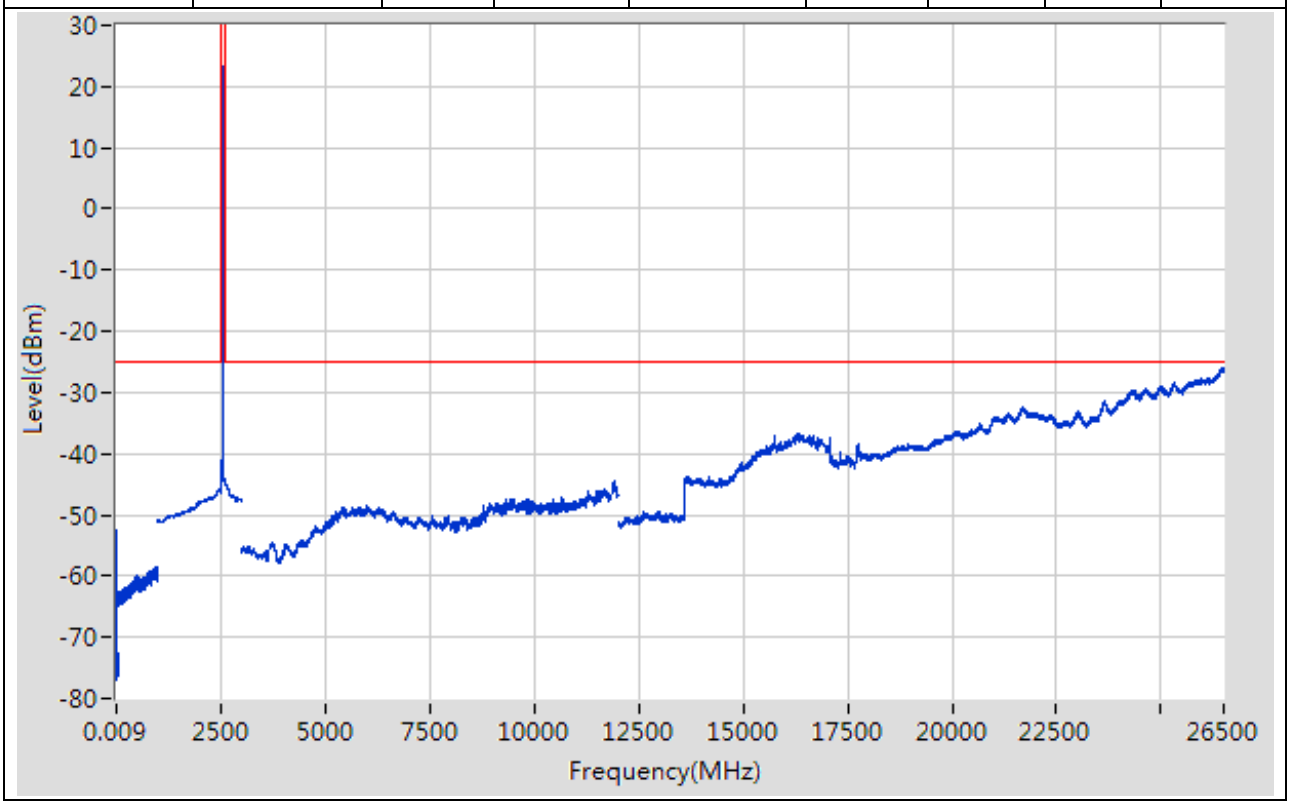
1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:21100, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-54.05	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.49	-25	Pass	2985
30	1000	0.1	RMS	894.989	-58.65	-25	Pass	9700
1000	2490	1	RMS	2487.999	-45.37	-25	Pass	1490
2490	2580	1	RMS	2532.9	23.26	60	Pass	601
2580	3000	1	RMS	2582.8	-44.35	-25	Pass	601
3000	12000	1	RMS	11910.99	-44.6	-25	Pass	9000
12000	26500	1	RMS	26453.997	-25.8	-25	Pass	14500



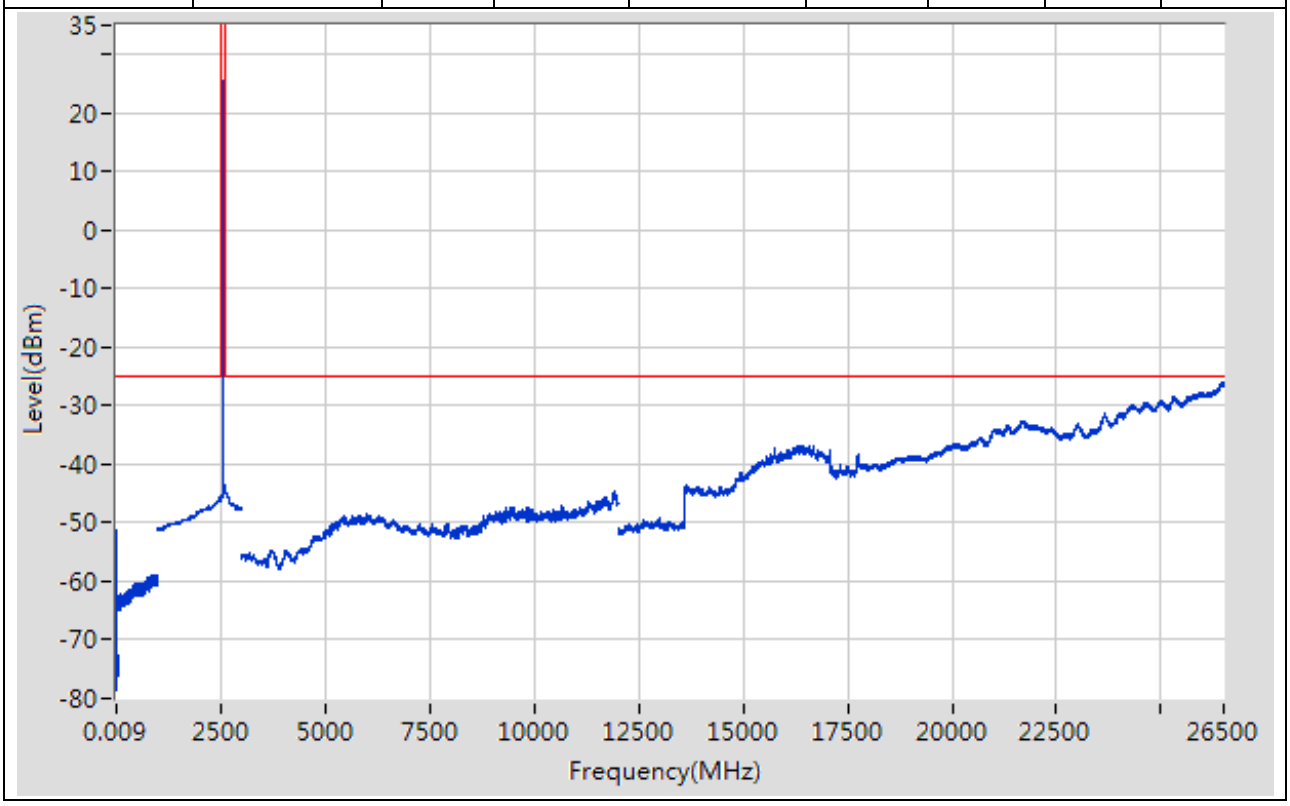
1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:21100, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-54.23	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.44	-25	Pass	2985
30	1000	0.1	RMS	957.096	-58.69	-25	Pass	9700
1000	2490	1	RMS	2490	-45.35	-25	Pass	1490
2490	2580	1	RMS	2537.1	23.34	60	Pass	601
2580	3000	1	RMS	2582.1	-44.37	-25	Pass	601
3000	12000	1	RMS	11903.989	-44.57	-25	Pass	9000
12000	26500	1	RMS	26453.997	-26.05	-25	Pass	14500



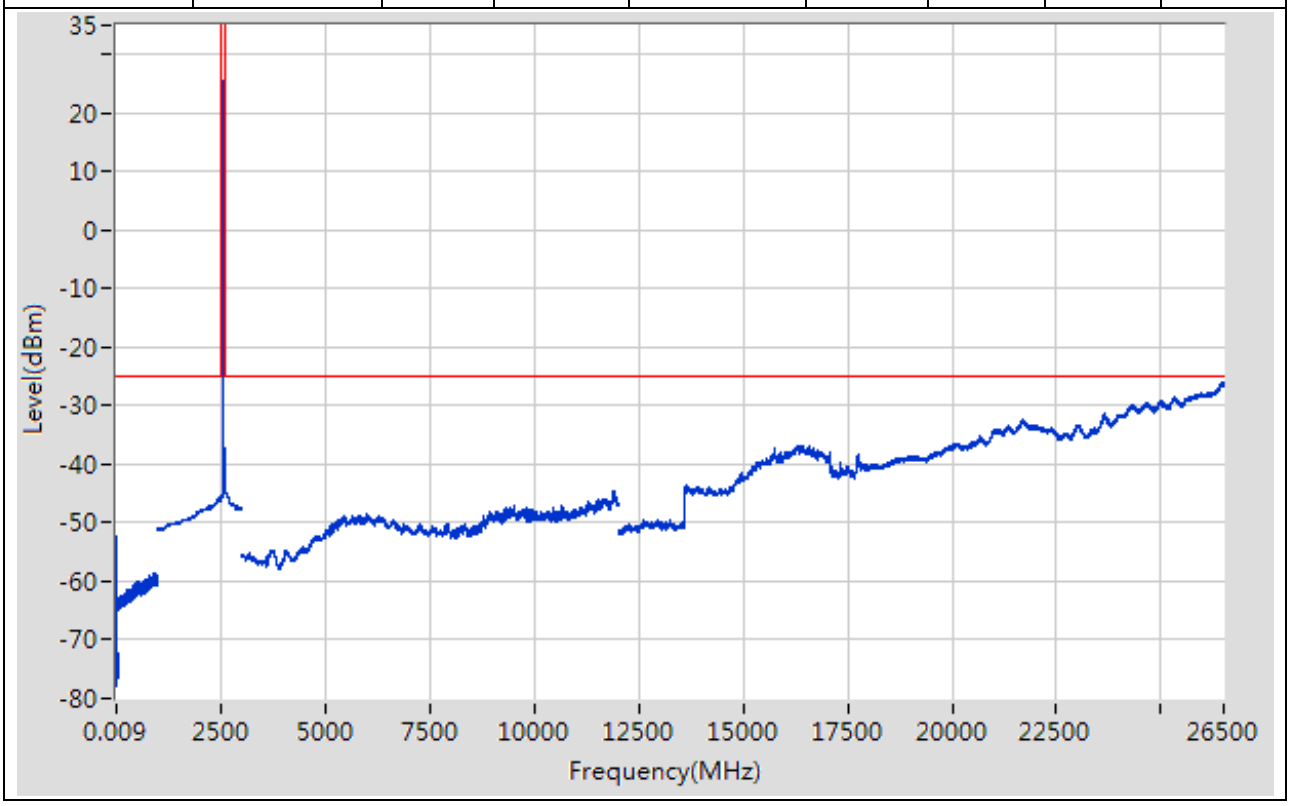
1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.79	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.21	-25	Pass	2985
30	1000	0.1	RMS	924.692	-58.81	-25	Pass	9700
1000	2490	1	RMS	2490	-45.35	-25	Pass	1490
2490	2580	1	RMS	2565.3	25.51	60	Pass	601
2580	3000	1	RMS	2582.1	-44.21	-25	Pass	601
3000	12000	1	RMS	11903.989	-44.59	-25	Pass	9000
12000	26500	1	RMS	26469.998	-25.87	-25	Pass	14500



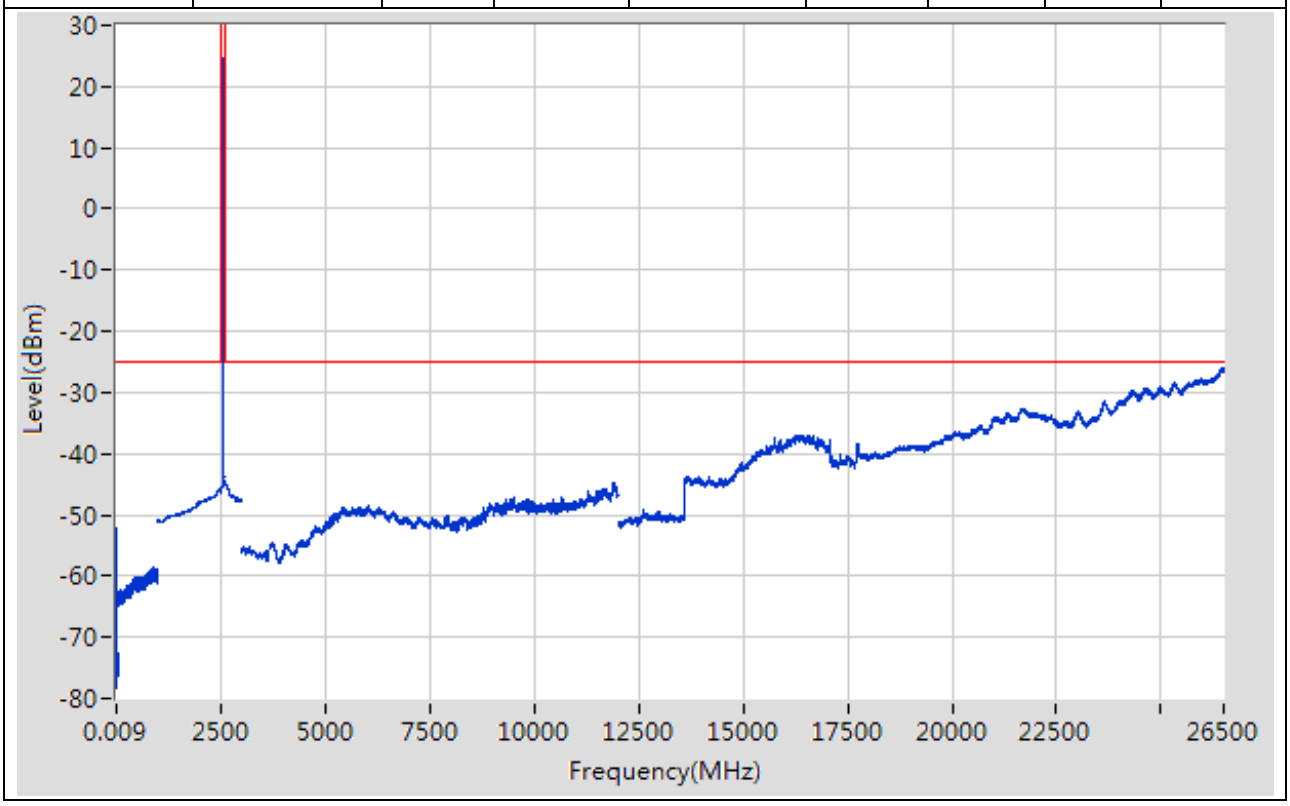
1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.009	-53.99	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.13	-25	Pass	2985
30	1000	0.1	RMS	934.793	-58.62	-25	Pass	9700
1000	2490	1	RMS	2488.999	-45.37	-25	Pass	1490
2490	2580	1	RMS	2569.65	25.58	60	Pass	601
2580	3000	1	RMS	2580	-44.21	-25	Pass	601
3000	12000	1	RMS	11907.99	-44.64	-25	Pass	9000
12000	26500	1	RMS	26450.997	-25.96	-25	Pass	14500



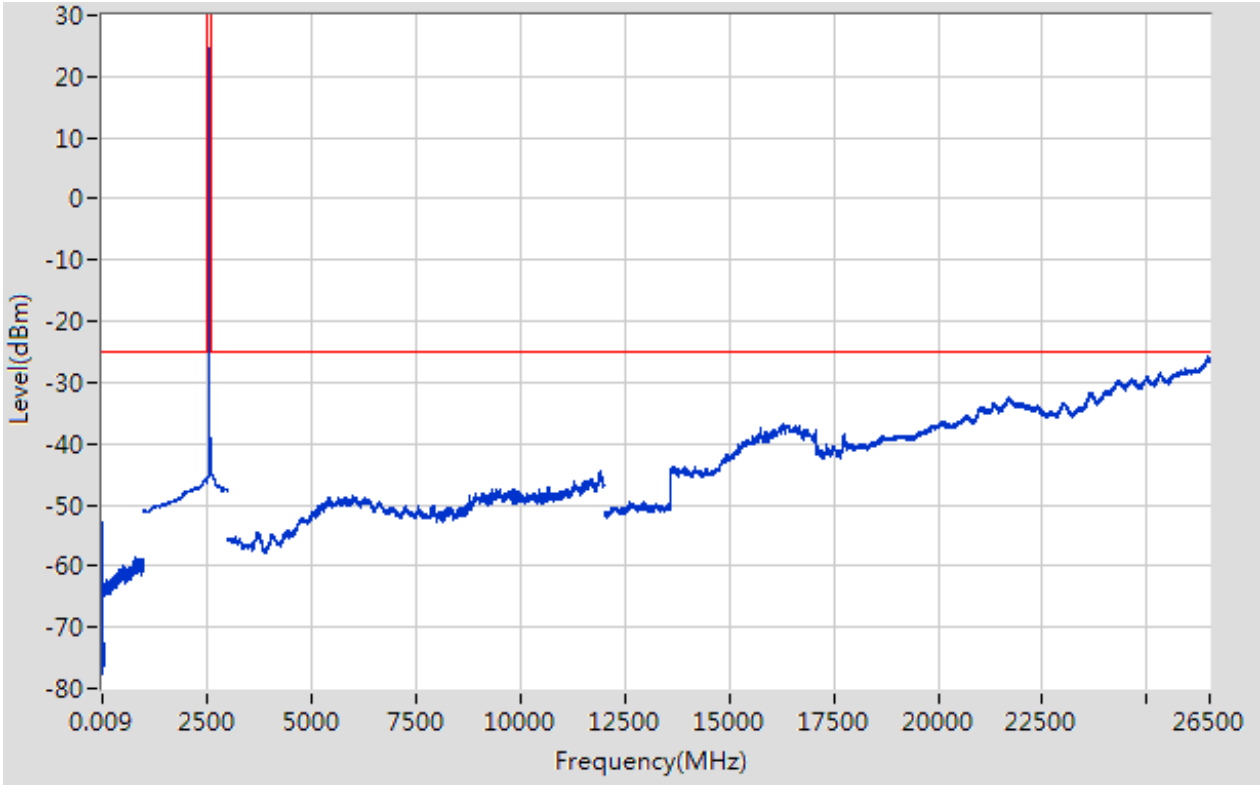
1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:21425, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-53.86	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.13	-25	Pass	2985
30	1000	0.1	RMS	862.986	-58.61	-25	Pass	9700
1000	2490	1	RMS	2490	-45.38	-25	Pass	1490
2490	2580	1	RMS	2565.3	24.6	60	Pass	601
2580	3000	1	RMS	2582.1	-44.3	-25	Pass	601
3000	12000	1	RMS	11900.989	-44.7	-25	Pass	9000
12000	26500	1	RMS	26452.997	-25.94	-25	Pass	14500



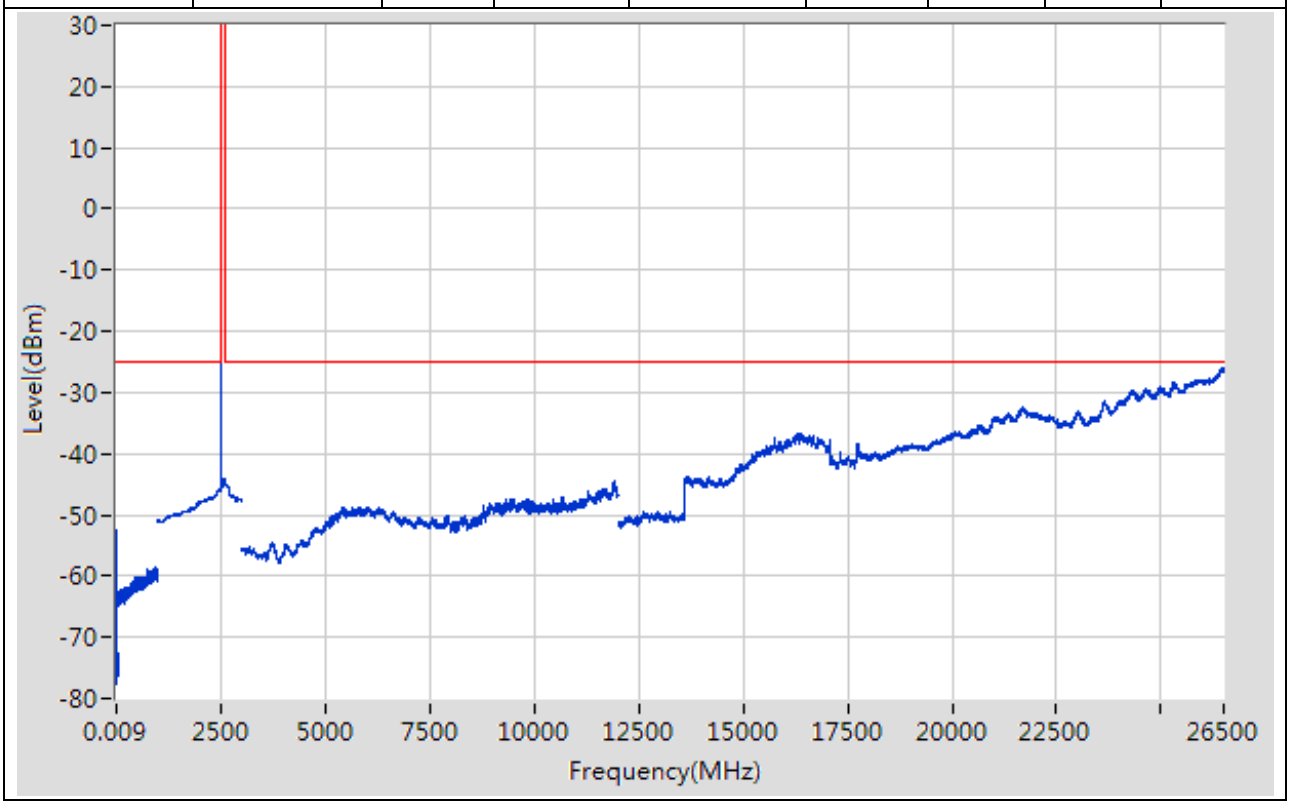
1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:21425, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep
0.009	0.15	0.001	RMS	0.009	-52.88	-25	Pass	601
0.15	30	0.01	RMS	0.16	-52.73	-25	Pass	2985
30	1000	0.1	RMS	805.78	-58.66	-25	Pass	9700
1000	2490	1	RMS	2490	-45.41	-25	Pass	1490
2490	2580	1	RMS	2569.65	24.62	60	Pass	601
2580	3000	1	RMS	2580	-44.19	-25	Pass	601
3000	12000	1	RMS	11905.99	-44.58	-25	Pass	9000
12000	26500	1	RMS	26447.996	-25.81	-25	Pass	14500



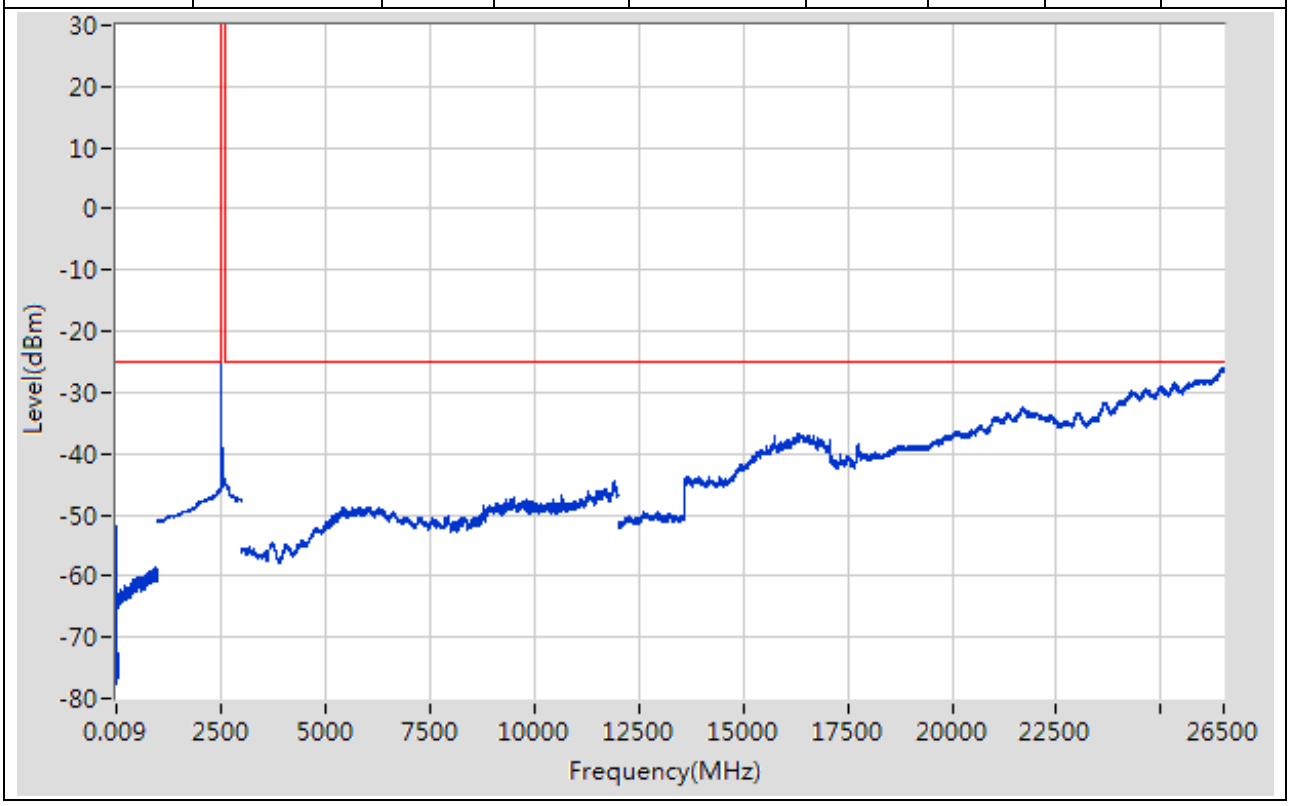
1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.15	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.37	-25	Pass	2985
30	1000	0.1	RMS	912.491	-58.51	-25	Pass	9700
1000	2490	1	RMS	2482.995	-41.45	-25	Pass	1490
2490	2580	1	RMS	2500.65	23.54	60	Pass	601
2580	3000	1	RMS	2580.7	-44.38	-25	Pass	601
3000	12000	1	RMS	11907.99	-44.6	-25	Pass	9000
12000	26500	1	RMS	26466.998	-25.89	-25	Pass	14500



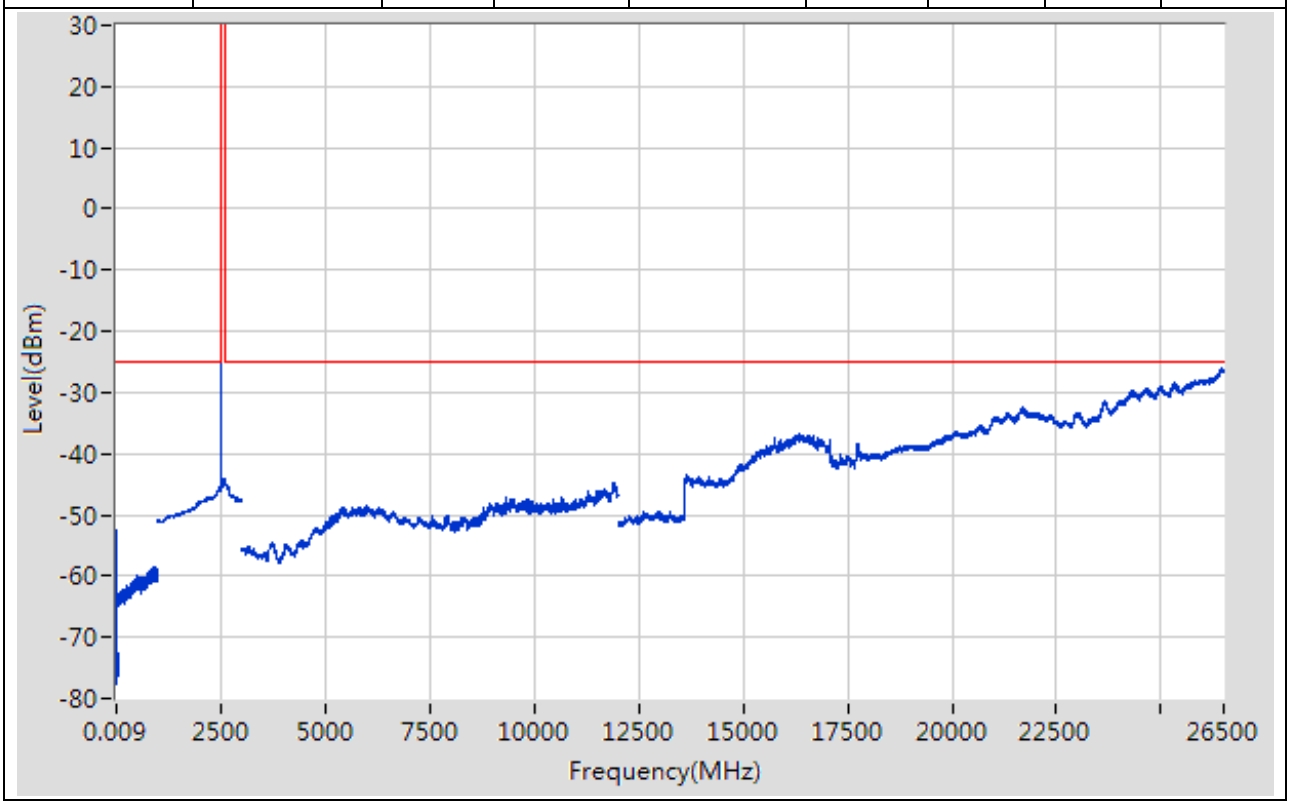
1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-54.13	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.81	-25	Pass	2985
30	1000	0.1	RMS	917.992	-58.61	-25	Pass	9700
1000	2490	1	RMS	2490	-44.97	-25	Pass	1490
2490	2580	1	RMS	2509.35	23.73	60	Pass	601
2580	3000	1	RMS	2581.4	-44.39	-25	Pass	601
3000	12000	1	RMS	11905.99	-44.54	-25	Pass	9000
12000	26500	1	RMS	26449.997	-25.92	-25	Pass	14500



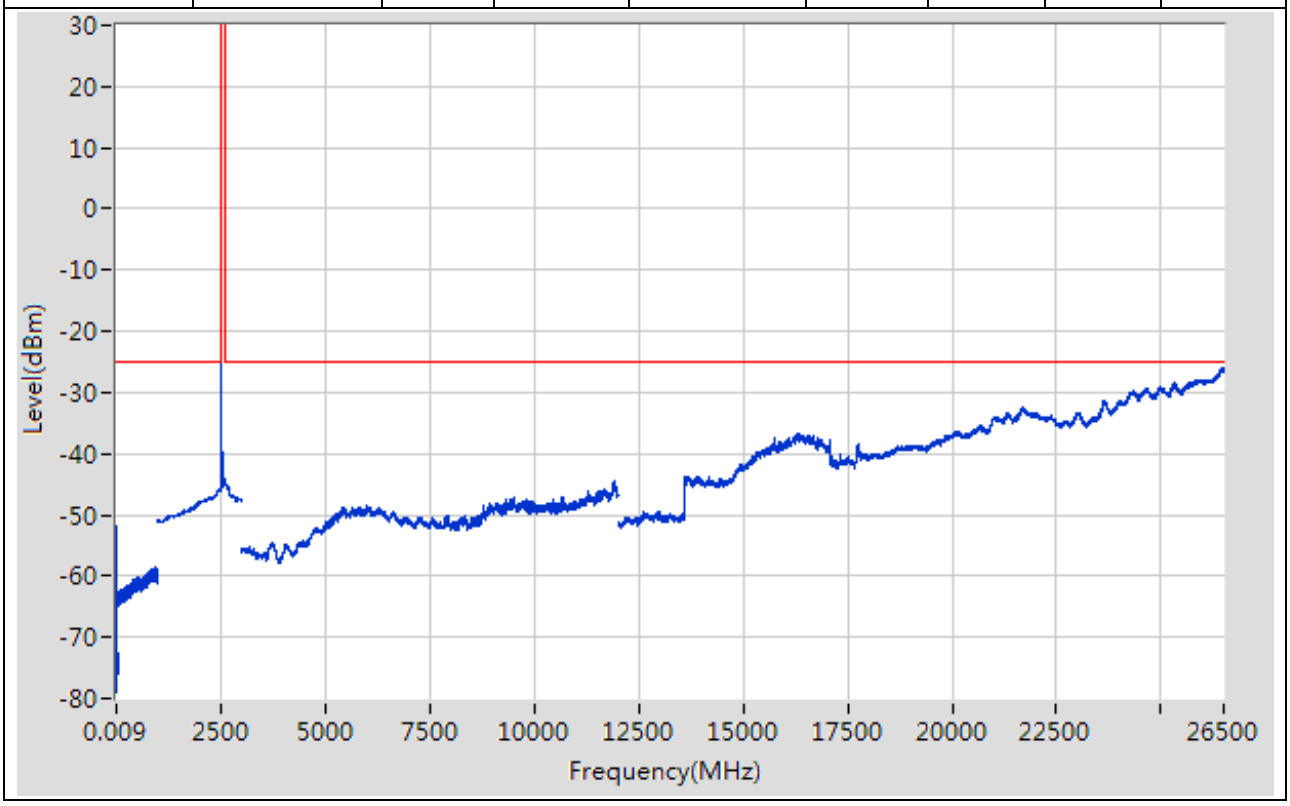
1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20800, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-54.03	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.59	-25	Pass	2985
30	1000	0.1	RMS	883.488	-58.65	-25	Pass	9700
1000	2490	1	RMS	2482.995	-42.01	-25	Pass	1490
2490	2580	1	RMS	2500.65	22.62	60	Pass	601
2580	3000	1	RMS	2581.4	-44.4	-25	Pass	601
3000	12000	1	RMS	11902.989	-44.68	-25	Pass	9000
12000	26500	1	RMS	26464.998	-25.86	-25	Pass	14500



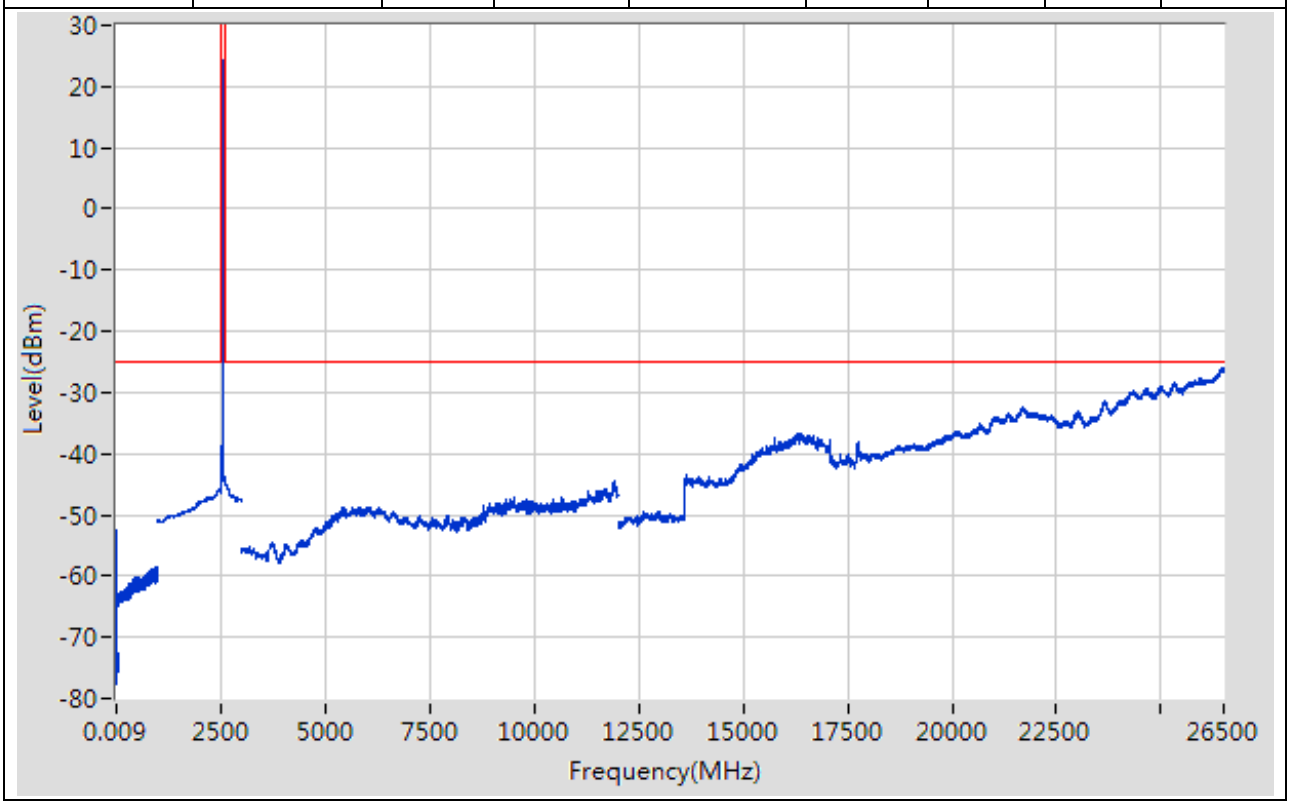
1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20800, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-54.01	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.8	-25	Pass	2985
30	1000	0.1	RMS	939.194	-58.7	-25	Pass	9700
1000	2490	1	RMS	2490	-44.95	-25	Pass	1490
2490	2580	1	RMS	2509.35	22.76	60	Pass	601
2580	3000	1	RMS	2582.1	-44.4	-25	Pass	601
3000	12000	1	RMS	11910.99	-44.58	-25	Pass	9000
12000	26500	1	RMS	26459.997	-25.88	-25	Pass	14500



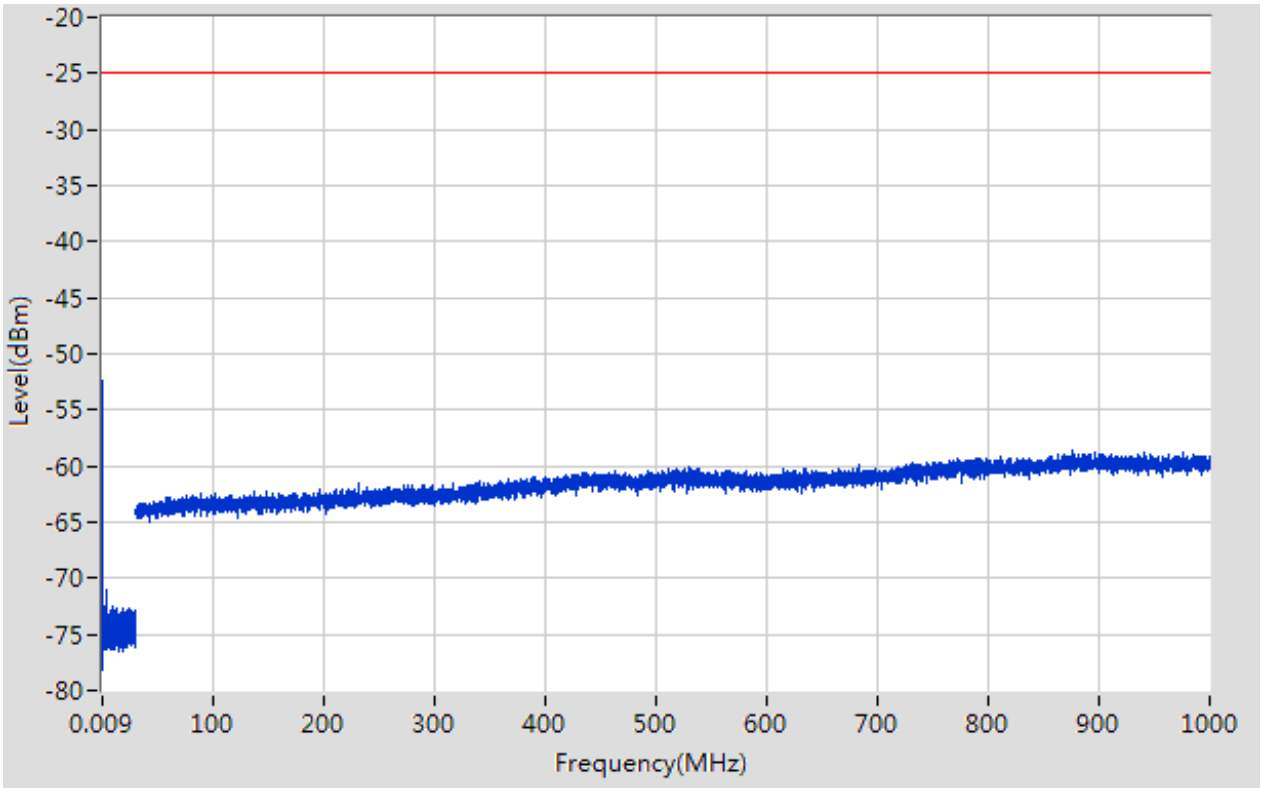
1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	0.009	-53.88	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.5	-25	Pass	2985
30	1000	0.1	RMS	998.7	-58.61	-25	Pass	9700
1000	2490	1	RMS	2490	-45.36	-25	Pass	1490
2490	2580	1	RMS	2530.65	24.18	60	Pass	601
2580	3000	1	RMS	2580	-44.36	-25	Pass	601
3000	12000	1	RMS	11903.989	-44.57	-25	Pass	9000
12000	26500	1	RMS	26457.997	-25.92	-25	Pass	14500



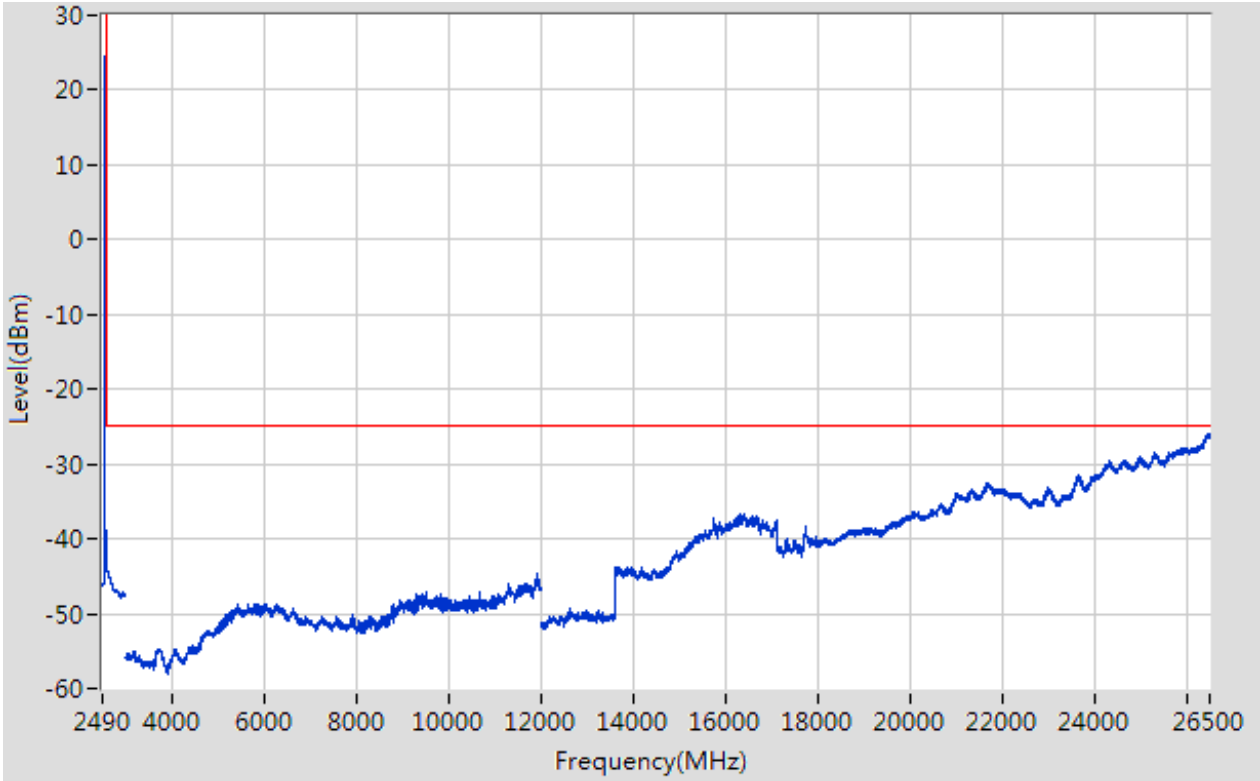
1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-53.78	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.3	-25	Pass	2985
30	1000	0.1	RMS	875.487	-58.62	-25	Pass	9700



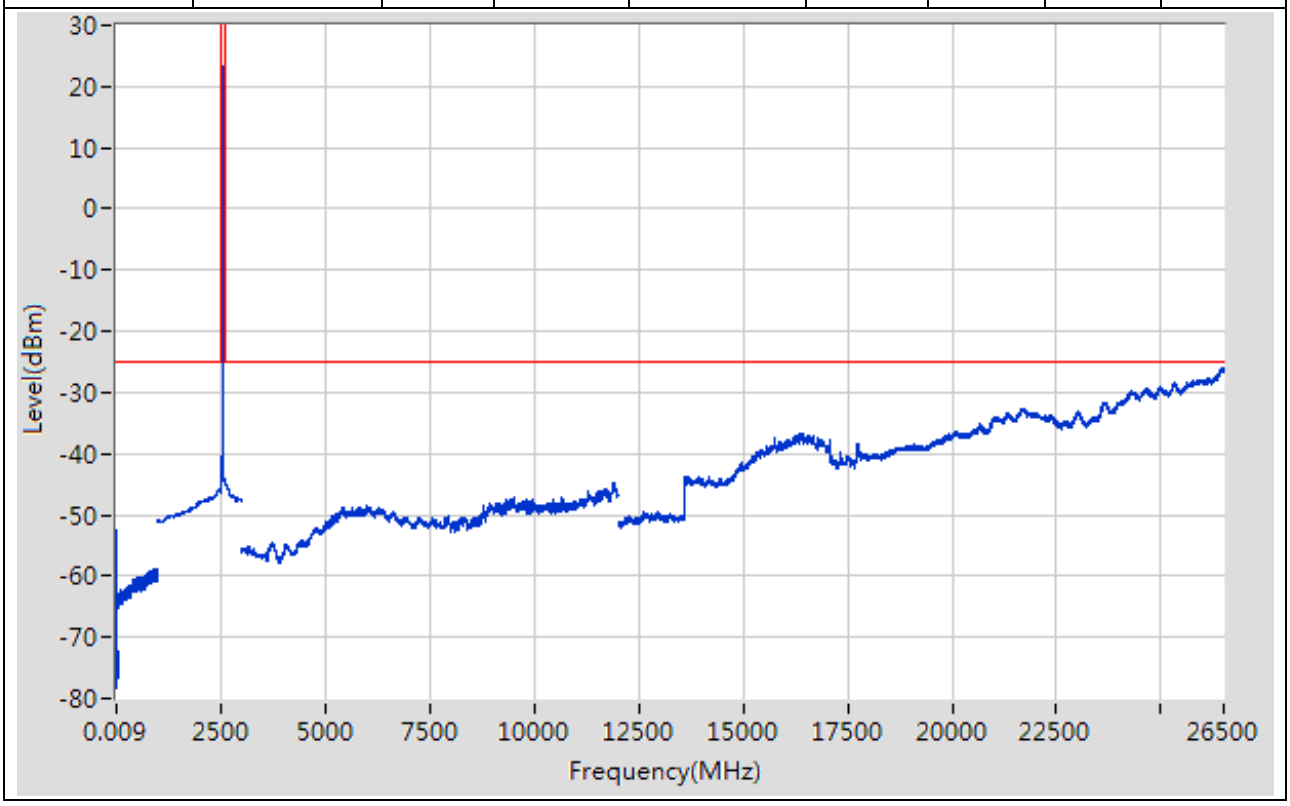
1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
2490	2580	1	RMS	2539.35	24.49	60	Pass	601
2580	3000	1	RMS	2582.1	-44.36	-25	Pass	601
3000	12000	1	RMS	11906.99	-44.61	-25	Pass	9000
12000	26500	1	RMS	26471.998	-25.88	-25	Pass	14500



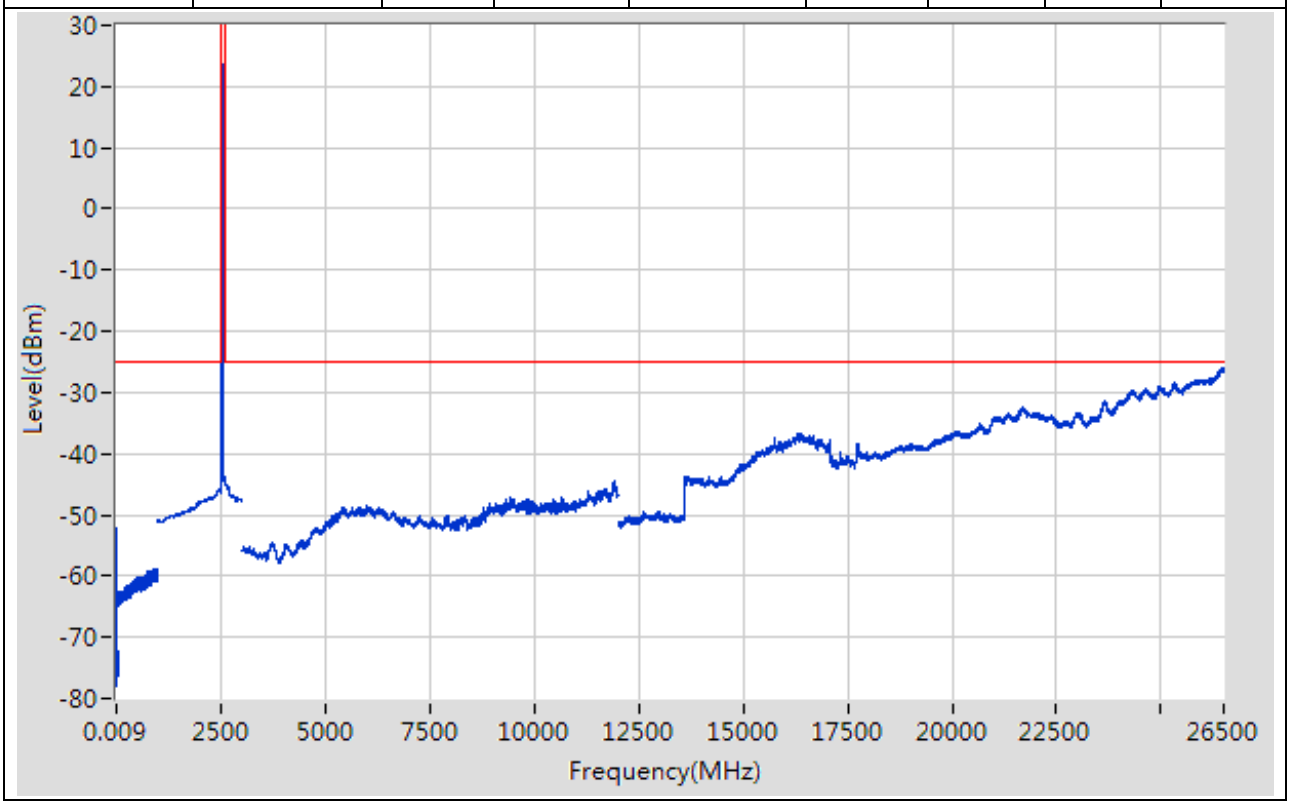
1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:21100, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.47	-25	Pass	2985
30	1000	0.1	RMS	938.694	-58.74	-25	Pass	9700
1000	2490	1	RMS	2487.999	-45.35	-25	Pass	1490
2490	2580	1	RMS	2530.65	23.16	60	Pass	601
2580	3000	1	RMS	2582.1	-44.36	-25	Pass	601
3000	12000	1	RMS	11903.989	-44.63	-25	Pass	9000
12000	26500	1	RMS	26450.997	-25.86	-25	Pass	14500



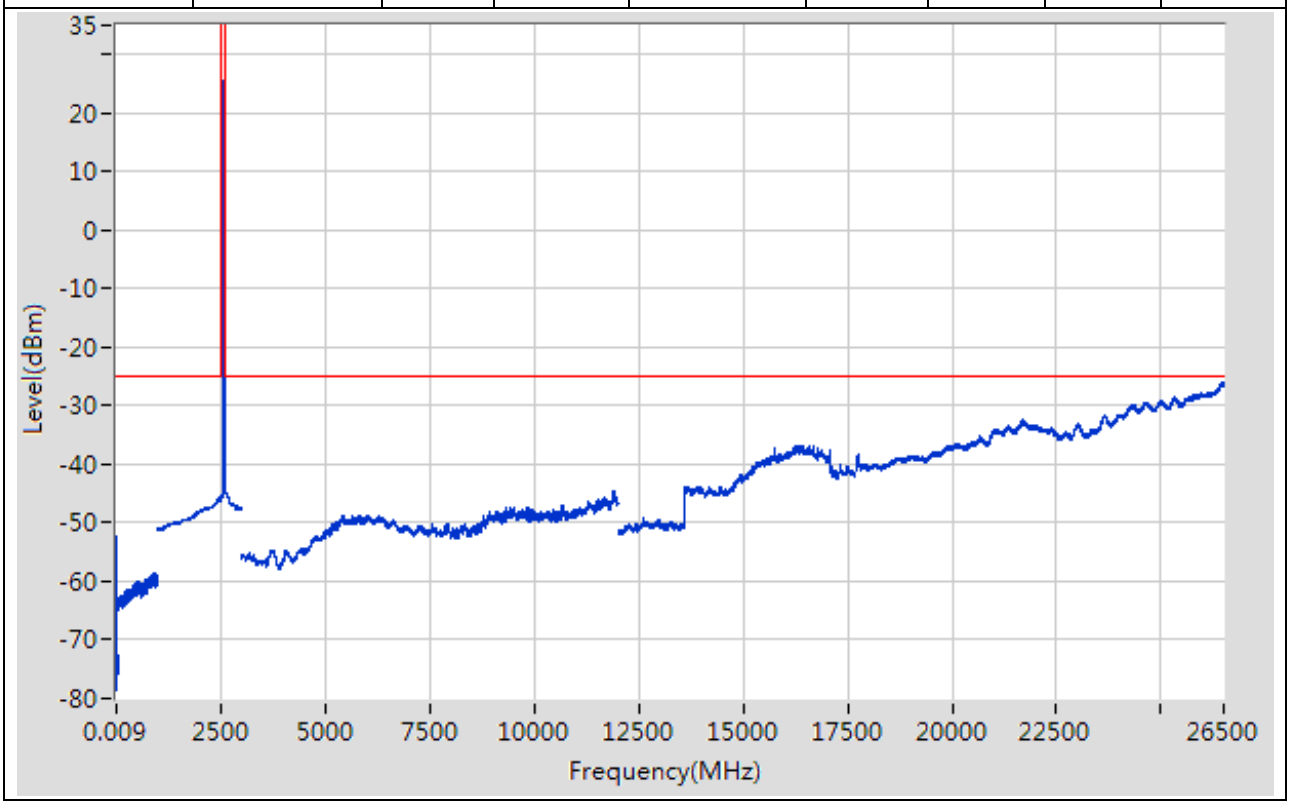
1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:21100, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-54.1	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.26	-25	Pass	2985
30	1000	0.1	RMS	892.689	-58.73	-25	Pass	9700
1000	2490	1	RMS	2488.999	-45.31	-25	Pass	1490
2490	2580	1	RMS	2539.35	23.49	60	Pass	601
2580	3000	1	RMS	2580	-44.35	-25	Pass	601
3000	12000	1	RMS	11902.989	-44.61	-25	Pass	9000
12000	26500	1	RMS	26452.997	-25.91	-25	Pass	14500



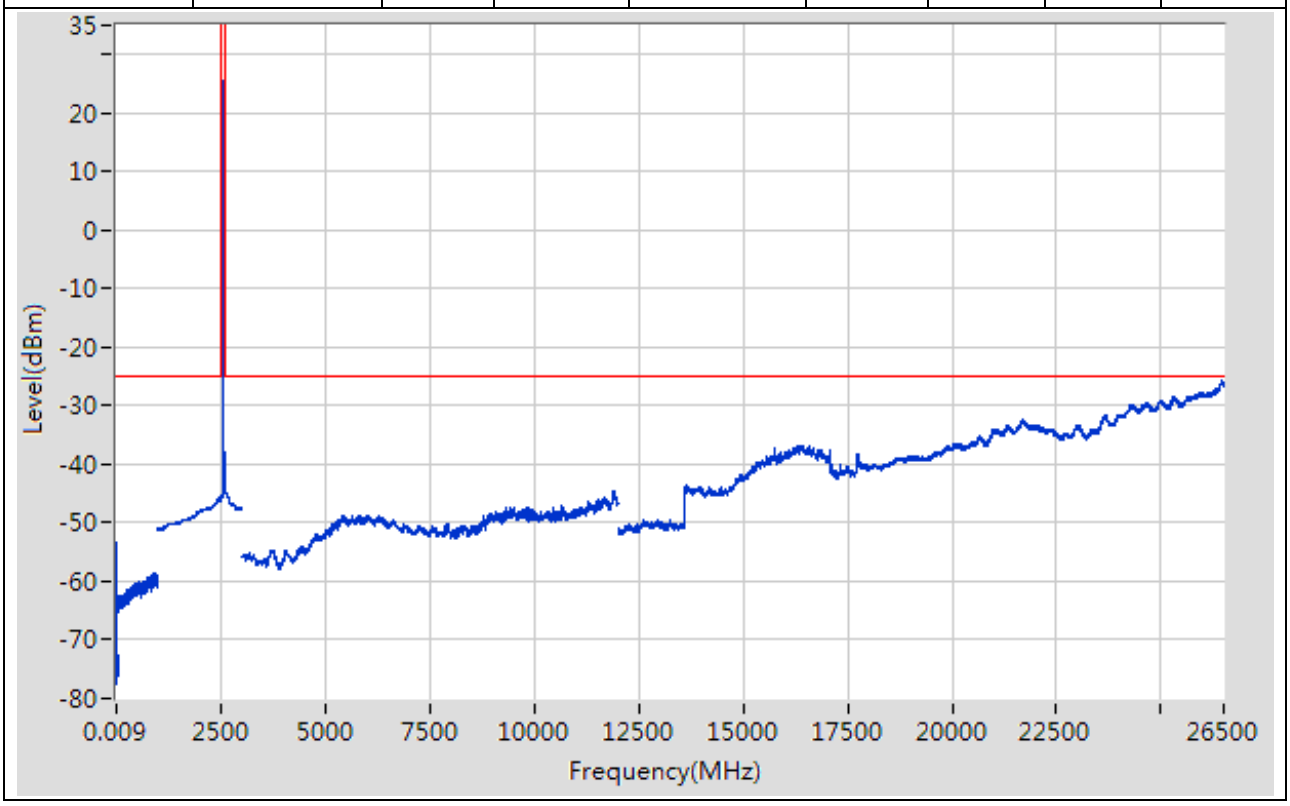
1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.87	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.44	-25	Pass	2985
30	1000	0.1	RMS	882.388	-58.69	-25	Pass	9700
1000	2490	1	RMS	2490	-45.31	-25	Pass	1490
2490	2580	1	RMS	2560.65	25.41	60	Pass	601
2580	3000	1	RMS	2580	-43.99	-25	Pass	601
3000	12000	1	RMS	11910.99	-44.55	-25	Pass	9000
12000	26500	1	RMS	26465.998	-25.92	-25	Pass	14500



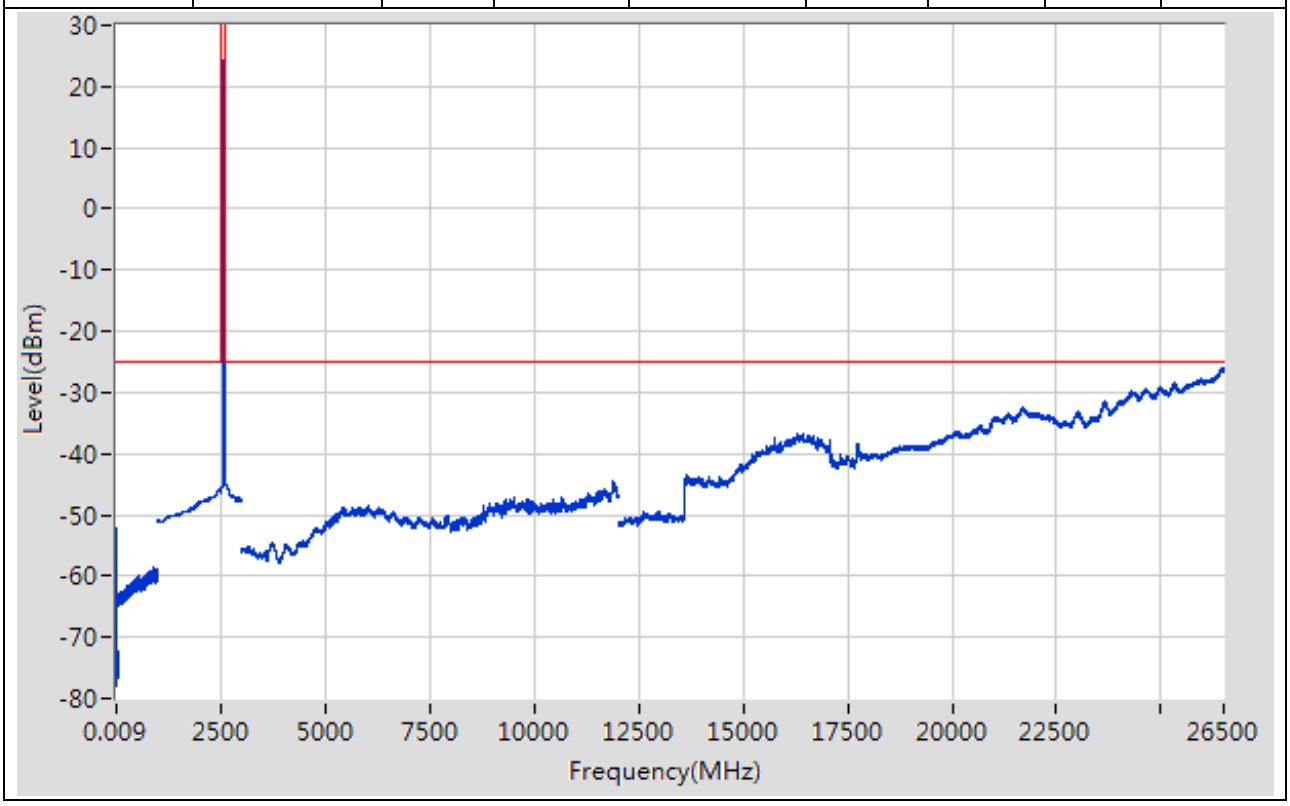
1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.009	-54.04	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.5	-25	Pass	2985
30	1000	0.1	RMS	922.492	-58.58	-25	Pass	9700
1000	2490	1	RMS	2490	-45.32	-25	Pass	1490
2490	2580	1	RMS	2569.35	25.58	60	Pass	601
2580	3000	1	RMS	2587	-38.64	-25	Pass	601
3000	12000	1	RMS	11906.99	-44.67	-25	Pass	9000
12000	26500	1	RMS	26468.998	-25.73	-25	Pass	14500



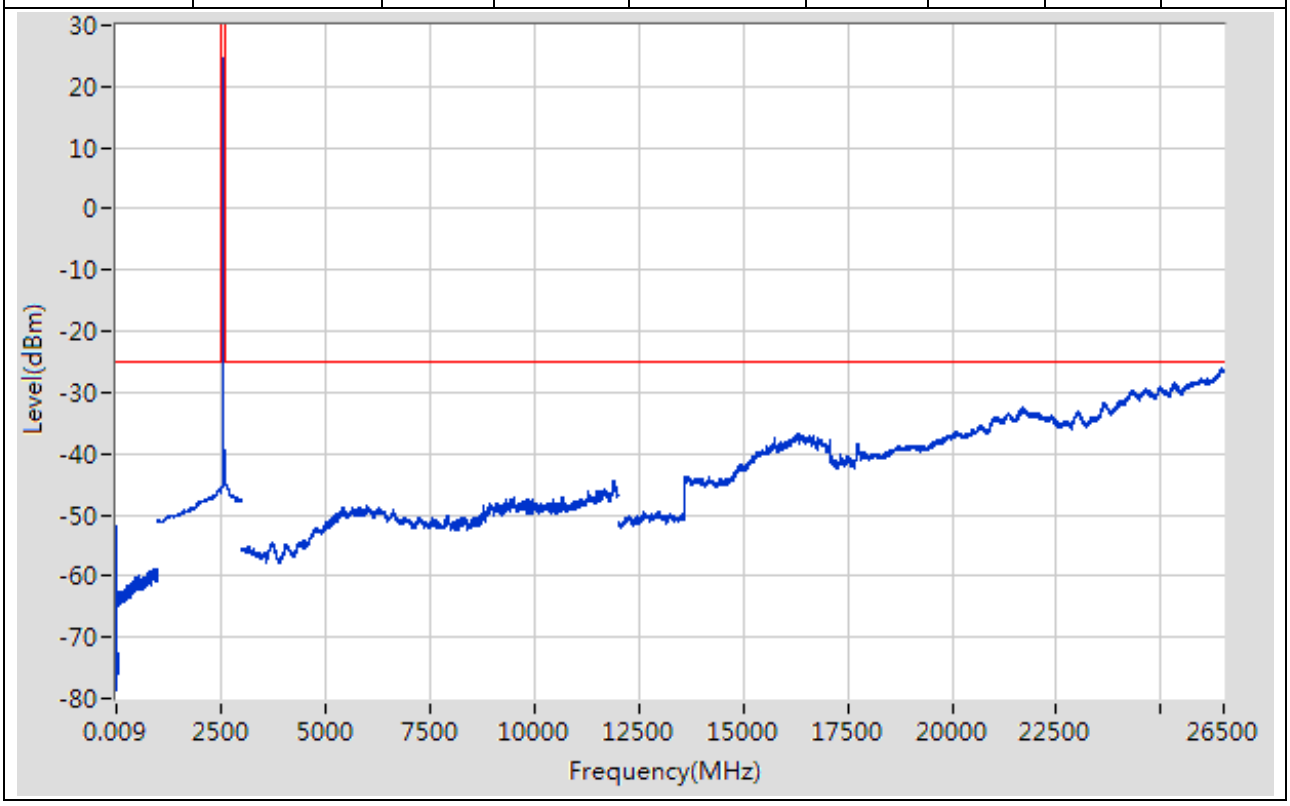
1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:21400, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.07	-25	Pass	2985
30	1000	0.1	RMS	888.589	-58.6	-25	Pass	9700
1000	2490	1	RMS	2490	-45.35	-25	Pass	1490
2490	2580	1	RMS	2560.65	24.44	60	Pass	601
2580	3000	1	RMS	2580	-44.03	-25	Pass	601
3000	12000	1	RMS	11899.989	-44.54	-25	Pass	9000
12000	26500	1	RMS	26457.997	-25.94	-25	Pass	14500



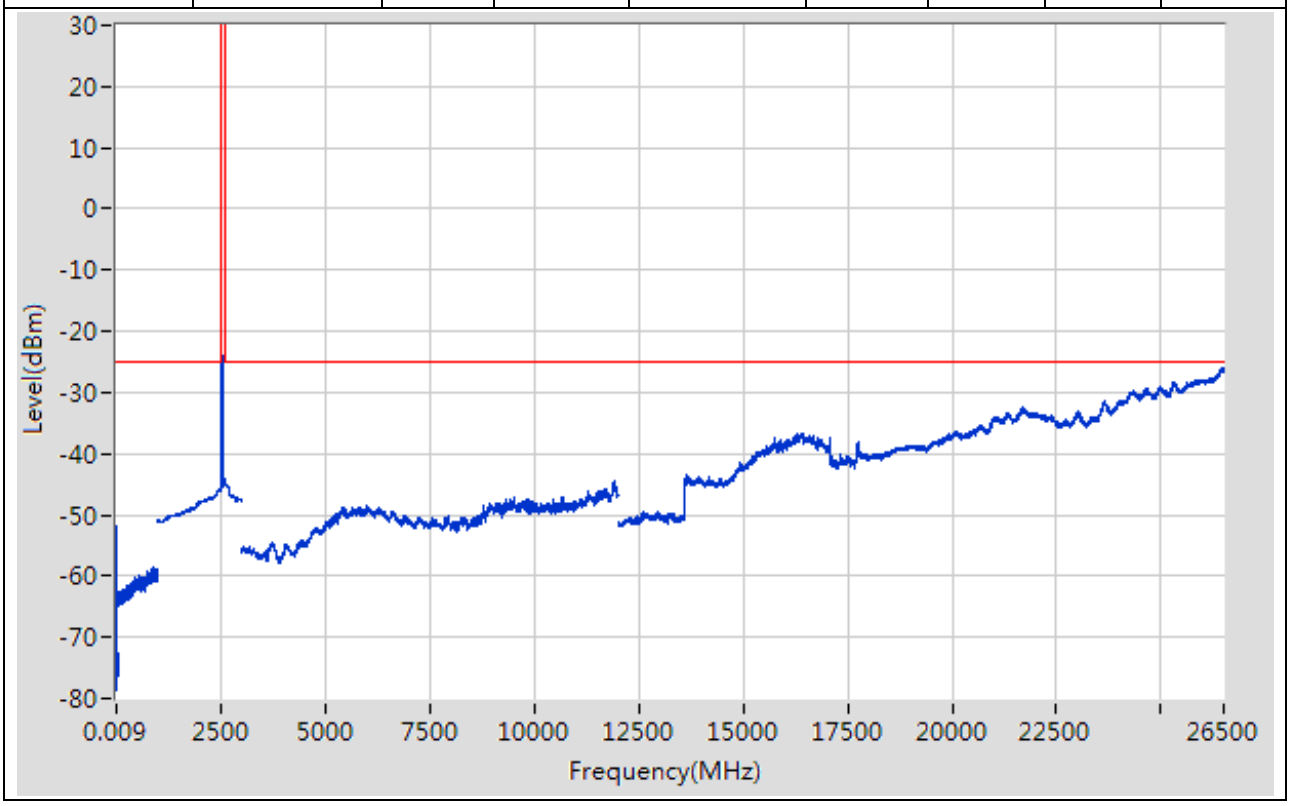
1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:21400, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-53.79	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.7	-25	Pass	2985
30	1000	0.1	RMS	905.39	-58.85	-25	Pass	9700
1000	2490	1	RMS	2490	-45.31	-25	Pass	1490
2490	2580	1	RMS	2569.35	24.57	60	Pass	601
2580	3000	1	RMS	2587	-40.1	-25	Pass	601
3000	12000	1	RMS	11906.99	-44.5	-25	Pass	9000
12000	26500	1	RMS	26471.998	-26	-25	Pass	14500



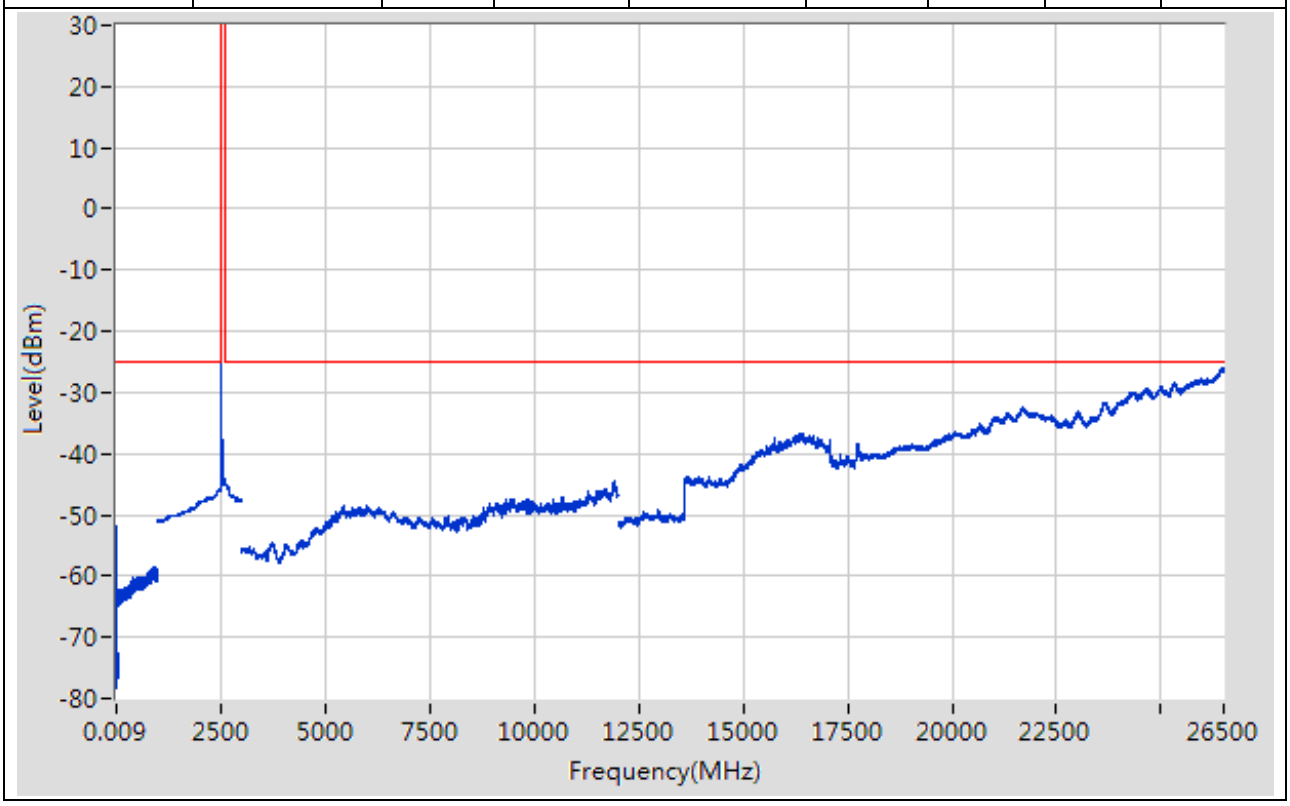
1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.31	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.84	-25	Pass	2985
30	1000	0.1	RMS	892.389	-58.58	-25	Pass	9700
1000	2490	1	RMS	2487.999	-42.19	-25	Pass	1490
2490	2580	1	RMS	2500.8	23.54	60	Pass	601
2580	3000	1	RMS	2584.9	-44.4	-25	Pass	601
3000	12000	1	RMS	11905.99	-44.54	-25	Pass	9000
12000	26500	1	RMS	26469.998	-25.99	-25	Pass	14500



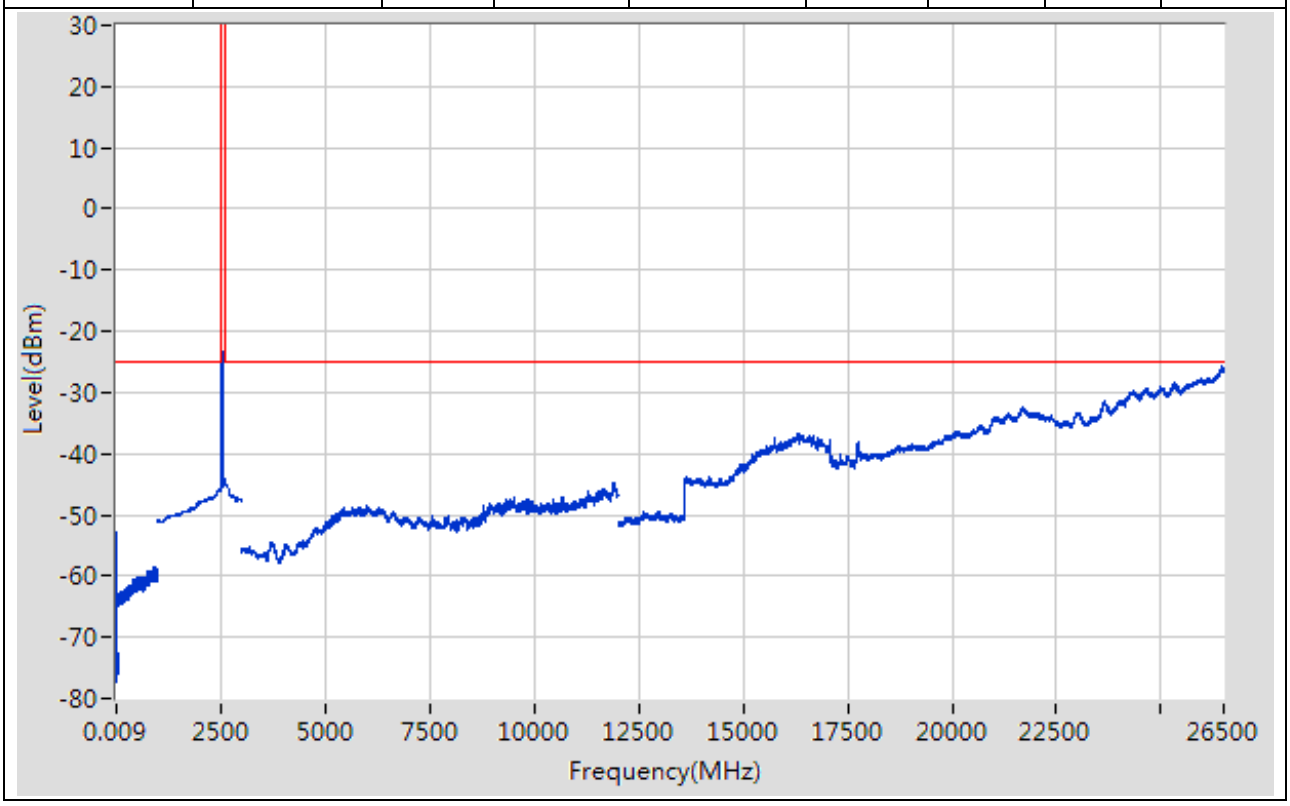
1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-54.07	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.81	-25	Pass	2985
30	1000	0.1	RMS	904.59	-58.67	-25	Pass	9700
1000	2490	1	RMS	2487.999	-30.04	-25	Pass	1490
2490	2580	1	RMS	2514.15	23.8	60	Pass	601
2580	3000	1	RMS	2583.5	-44.41	-25	Pass	601
3000	12000	1	RMS	11907.99	-44.61	-25	Pass	9000
12000	26500	1	RMS	26471.998	-25.92	-25	Pass	14500



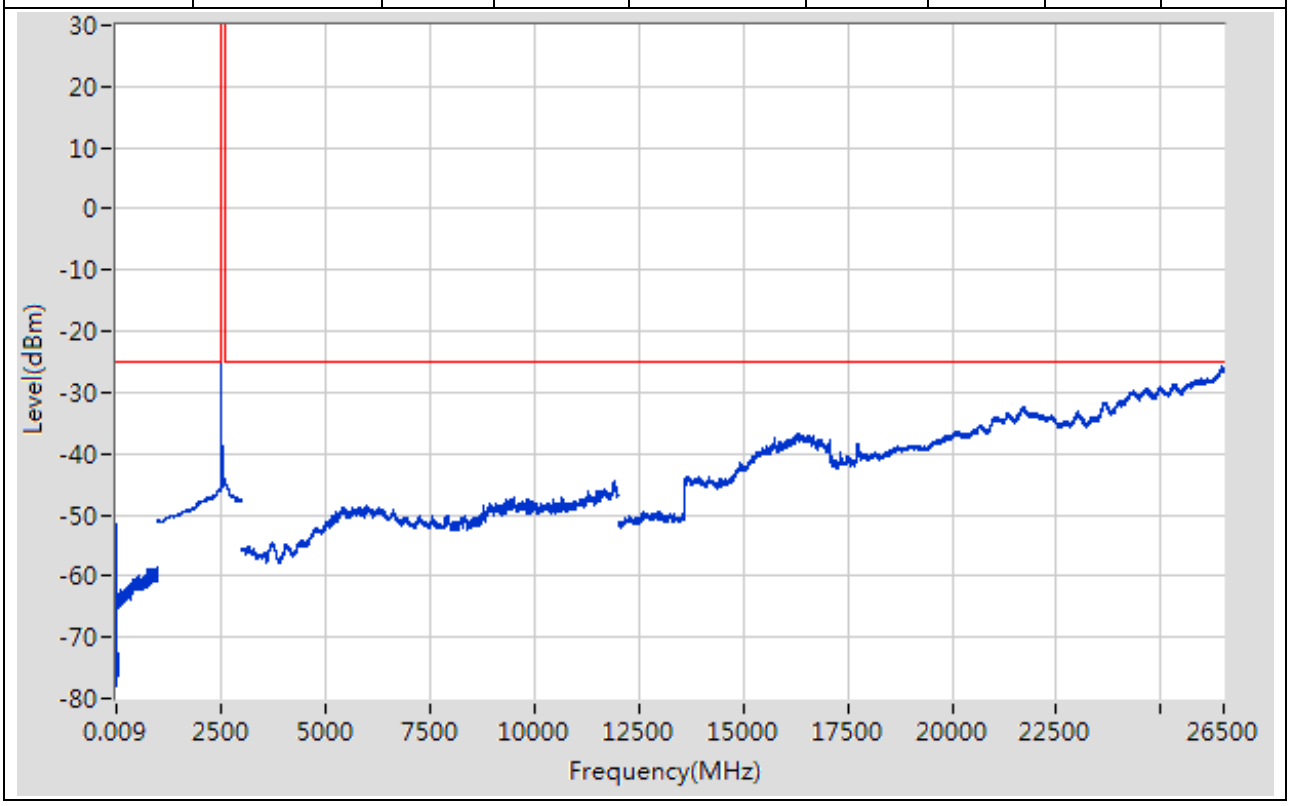
1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20825, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-52.77	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.12	-25	Pass	2985
30	1000	0.1	RMS	916.891	-58.62	-25	Pass	9700
1000	2490	1	RMS	2487.999	-42.68	-25	Pass	1490
2490	2580	1	RMS	2500.8	22.63	60	Pass	601
2580	3000	1	RMS	2581.4	-44.38	-25	Pass	601
3000	12000	1	RMS	11904.989	-44.65	-25	Pass	9000
12000	26500	1	RMS	26456.997	-25.76	-25	Pass	14500



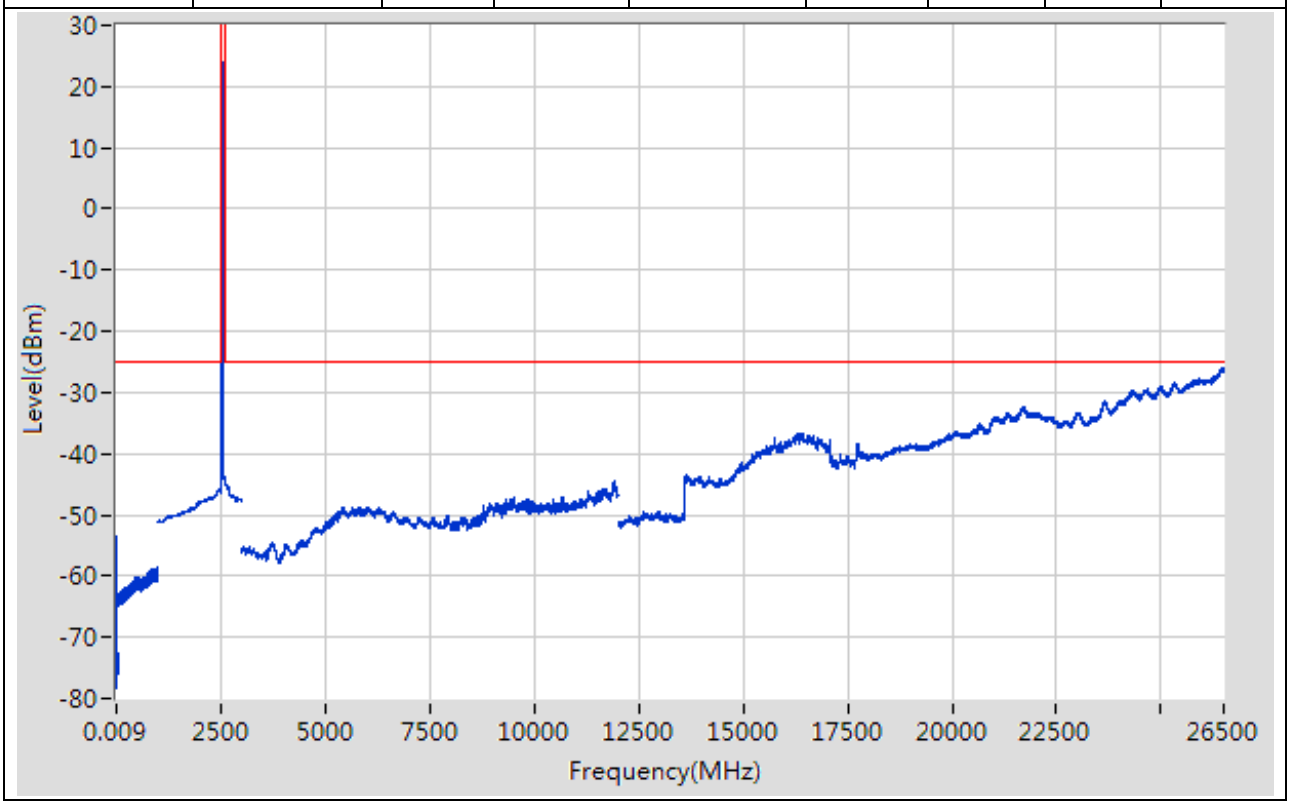
1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20825, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-54.63	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.58	-25	Pass	2985
30	1000	0.1	RMS	968.397	-58.61	-25	Pass	9700
1000	2490	1	RMS	2487.999	-29.81	-25	Pass	1490
2490	2580	1	RMS	2514.15	22.89	60	Pass	601
2580	3000	1	RMS	2584.2	-44.39	-25	Pass	601
3000	12000	1	RMS	11902.989	-44.56	-25	Pass	9000
12000	26500	1	RMS	26468.998	-25.81	-25	Pass	14500



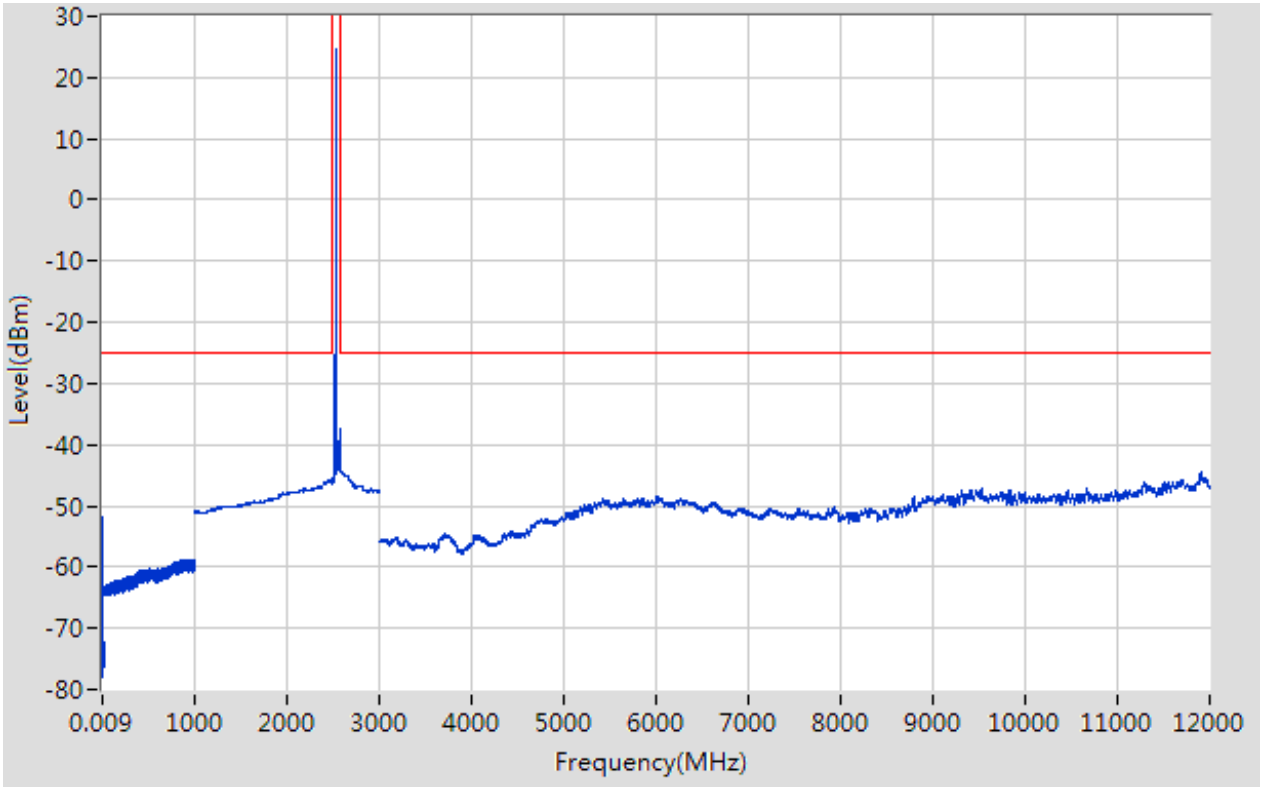
1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.42	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.96	-25	Pass	2985
30	1000	0.1	RMS	998.7	-58.68	-25	Pass	9700
1000	2490	1	RMS	2487.999	-45.42	-25	Pass	1490
2490	2580	1	RMS	2528.4	24.13	60	Pass	601
2580	3000	1	RMS	2583.5	-44.36	-25	Pass	601
3000	12000	1	RMS	11900.989	-44.39	-25	Pass	9000
12000	26500	1	RMS	26452.997	-25.87	-25	Pass	14500



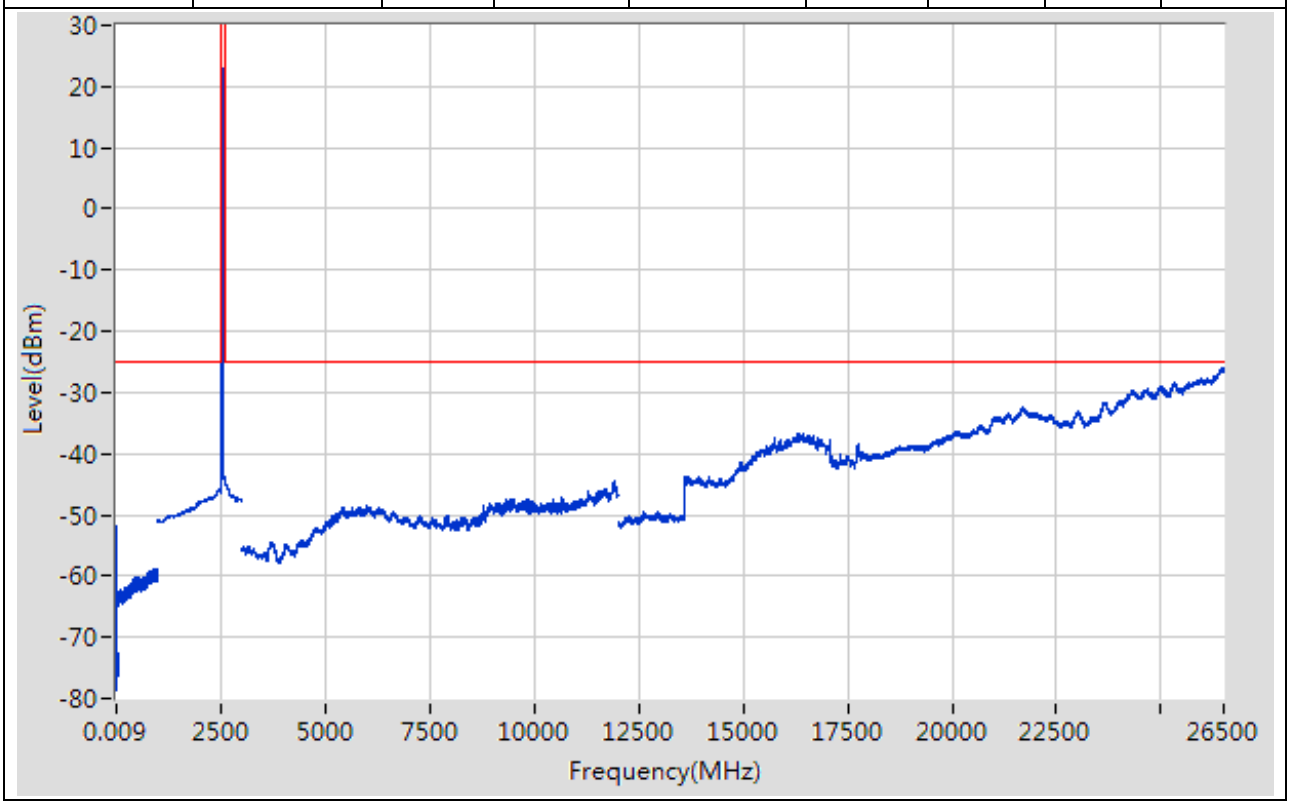
1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.009	-52.73	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.7	-25	Pass	2985
30	1000	0.1	RMS	876.287	-58.79	-25	Pass	9700
1000	2490	1	RMS	2490	-45.36	-25	Pass	1490
2490	2580	1	RMS	2541.6	24.66	60	Pass	601
2580	3000	1	RMS	2581.4	-44.37	-25	Pass	601
3000	12000	1	RMS	11903.989	-44.61	-25	Pass	9000



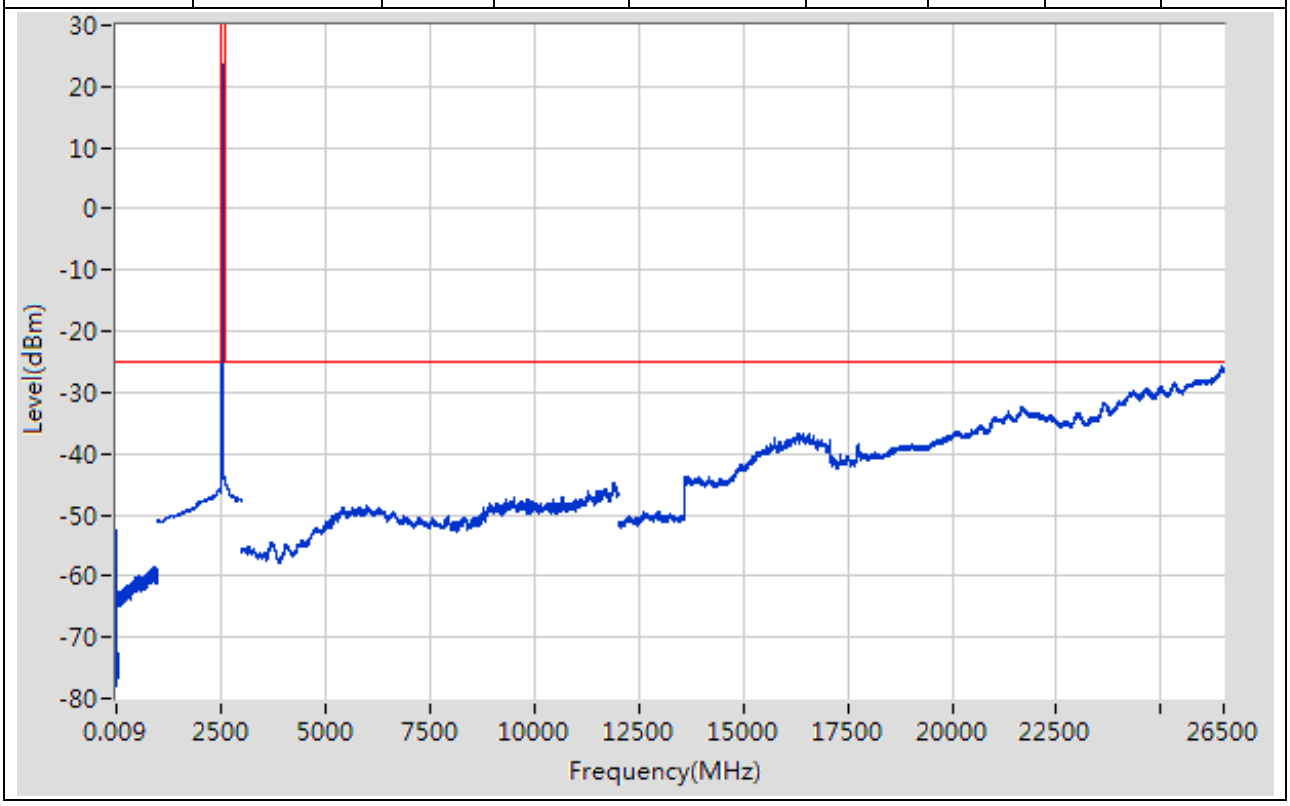
1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:21100, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-54.06	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.88	-25	Pass	2985
30	1000	0.1	RMS	921.192	-58.76	-25	Pass	9700
1000	2490	1	RMS	2488.999	-45.29	-25	Pass	1490
2490	2580	1	RMS	2528.4	23.08	60	Pass	601
2580	3000	1	RMS	2589.8	-44.36	-25	Pass	601
3000	12000	1	RMS	11907.99	-44.61	-25	Pass	9000
12000	26500	1	RMS	26439.996	-26.05	-25	Pass	14500



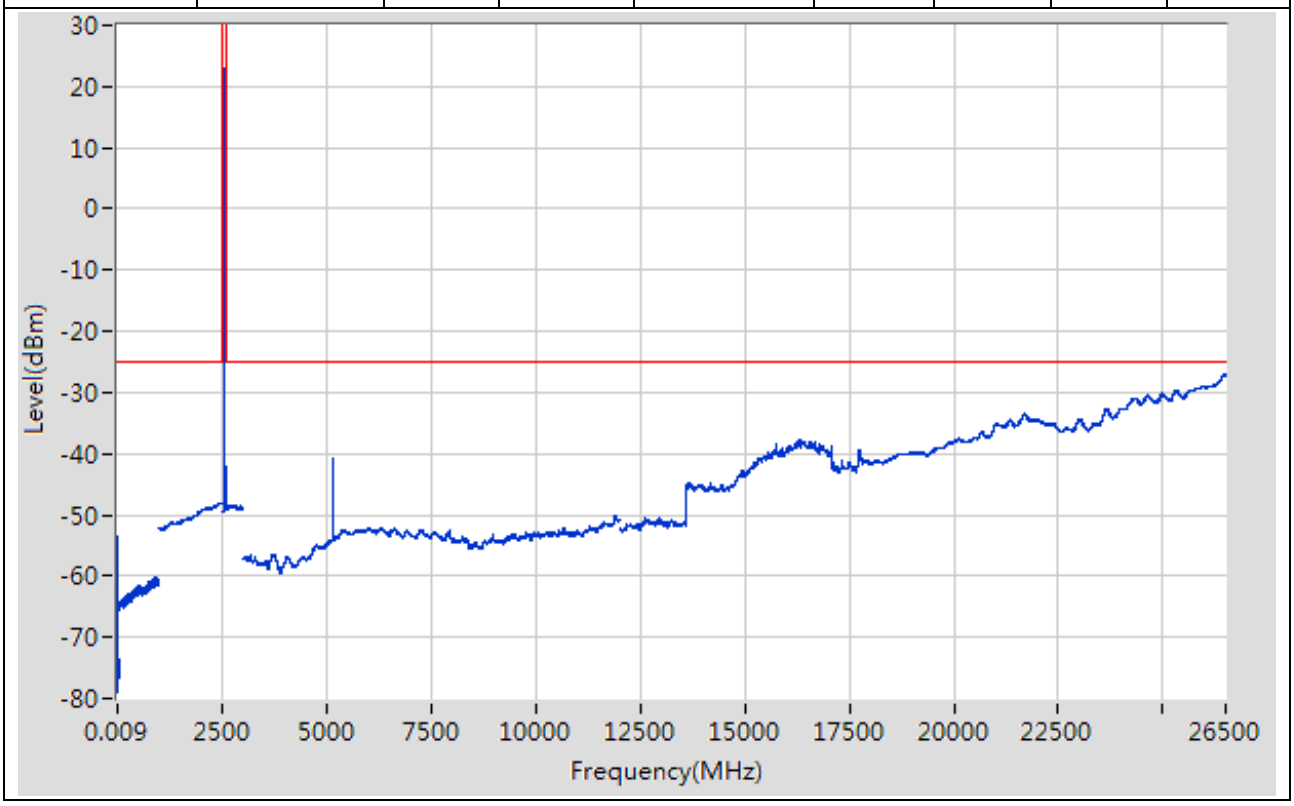
1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:21100, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-54.01	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.36	-25	Pass	2985
30	1000	0.1	RMS	888.188	-58.59	-25	Pass	9700
1000	2490	1	RMS	2490	-45.39	-25	Pass	1490
2490	2580	1	RMS	2541.6	23.64	60	Pass	601
2580	3000	1	RMS	2580.7	-44.37	-25	Pass	601
3000	12000	1	RMS	11912.99	-44.7	-25	Pass	9000
12000	26500	1	RMS	26454.997	-25.83	-25	Pass	14500



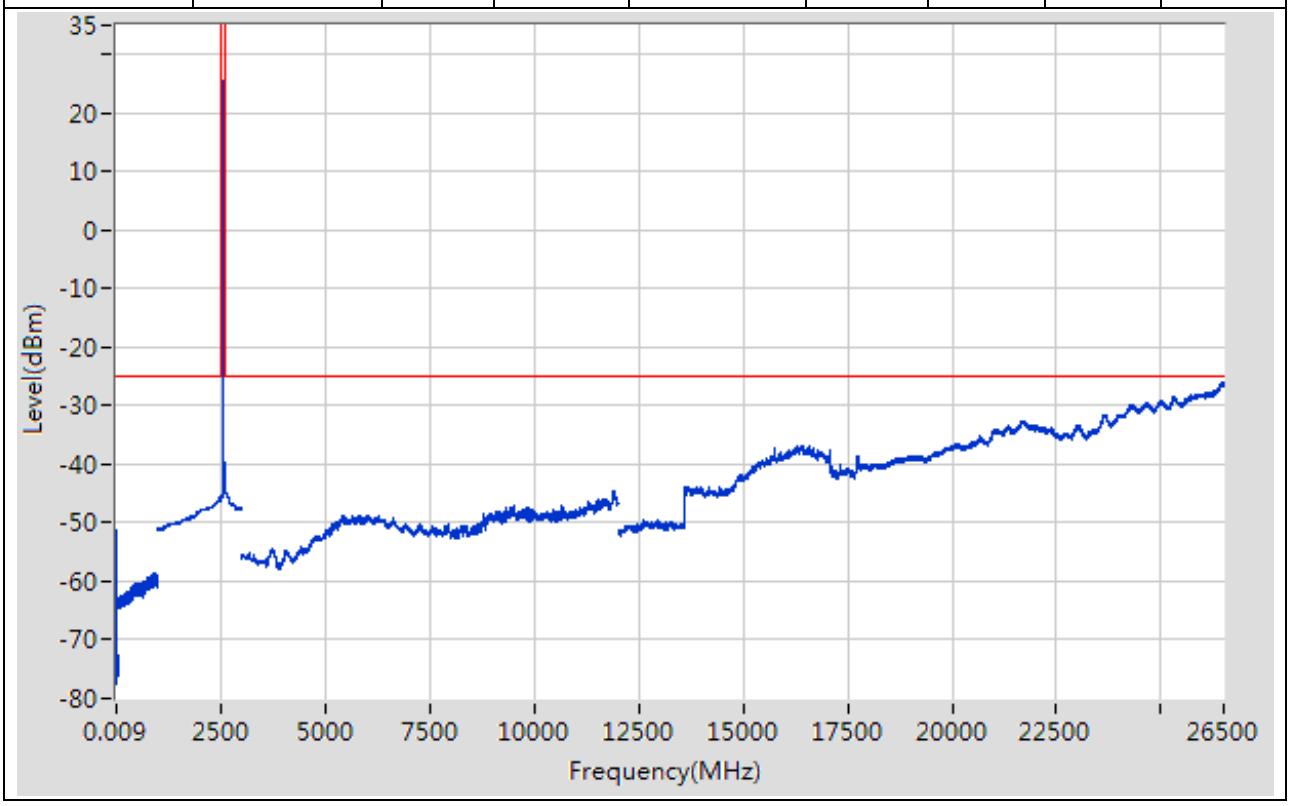
1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	0.01	-55.08	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.62	-25	Pass	2985
30	1000	0.1	RMS	873.987	-60.16	-25	Pass	9700
1000	2490	1	RMS	2432.962	-48.01	-25	Pass	1490
2490	2580	1	RMS	2569.2	22.94	60	Pass	601
2580	3000	1	RMS	2582.8	-42.17	-25	Pass	601
3000	12000	1	RMS	5138.238	-40.61	-25	Pass	9000
12000	26500	1	RMS	26453.997	-26.9	-25	Pass	14500



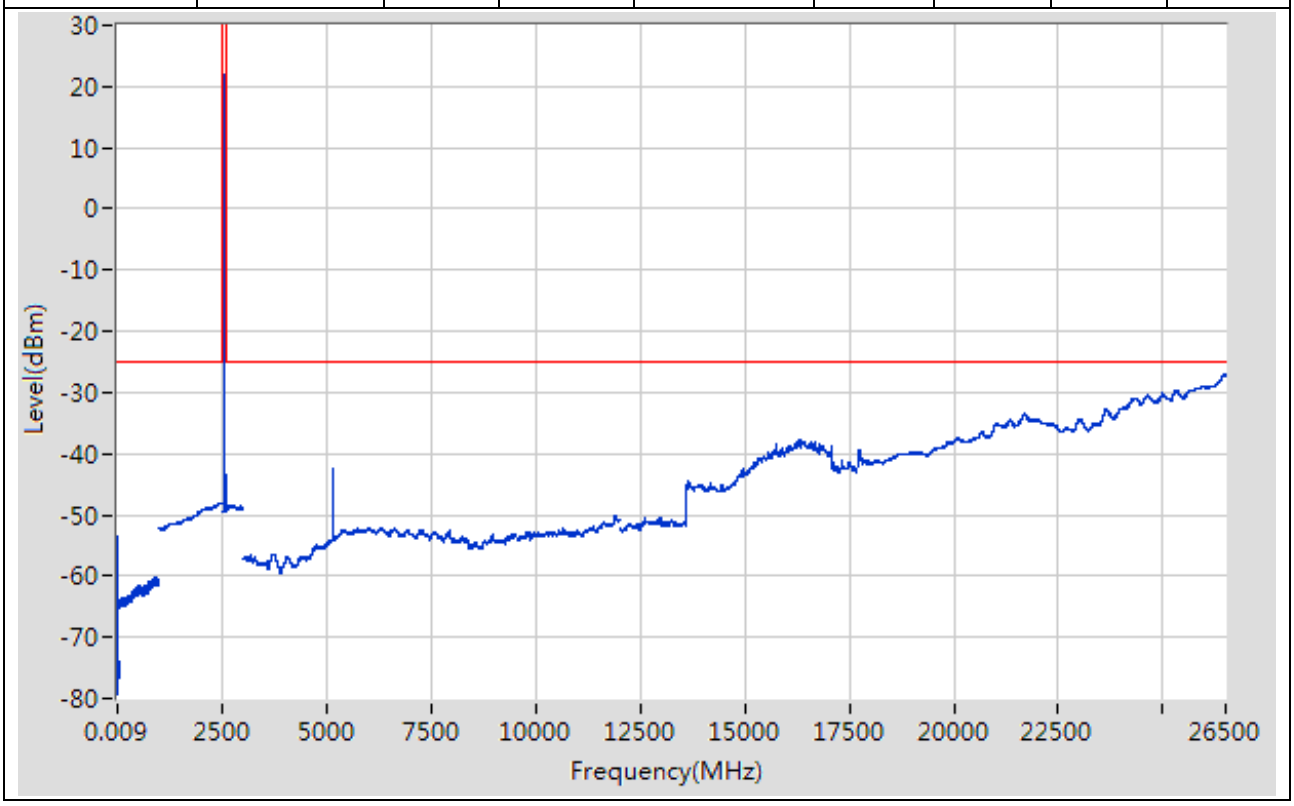
1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.009	-53.05	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.21	-25	Pass	2985
30	1000	0.1	RMS	907.09	-58.58	-25	Pass	9700
1000	2490	1	RMS	2490	-45.36	-25	Pass	1490
2490	2580	1	RMS	2569.2	25.68	60	Pass	601
2580	3000	1	RMS	2582.8	-39.71	-25	Pass	601
3000	12000	1	RMS	11899.989	-44.62	-25	Pass	9000
12000	26500	1	RMS	26453.997	-25.97	-25	Pass	14500



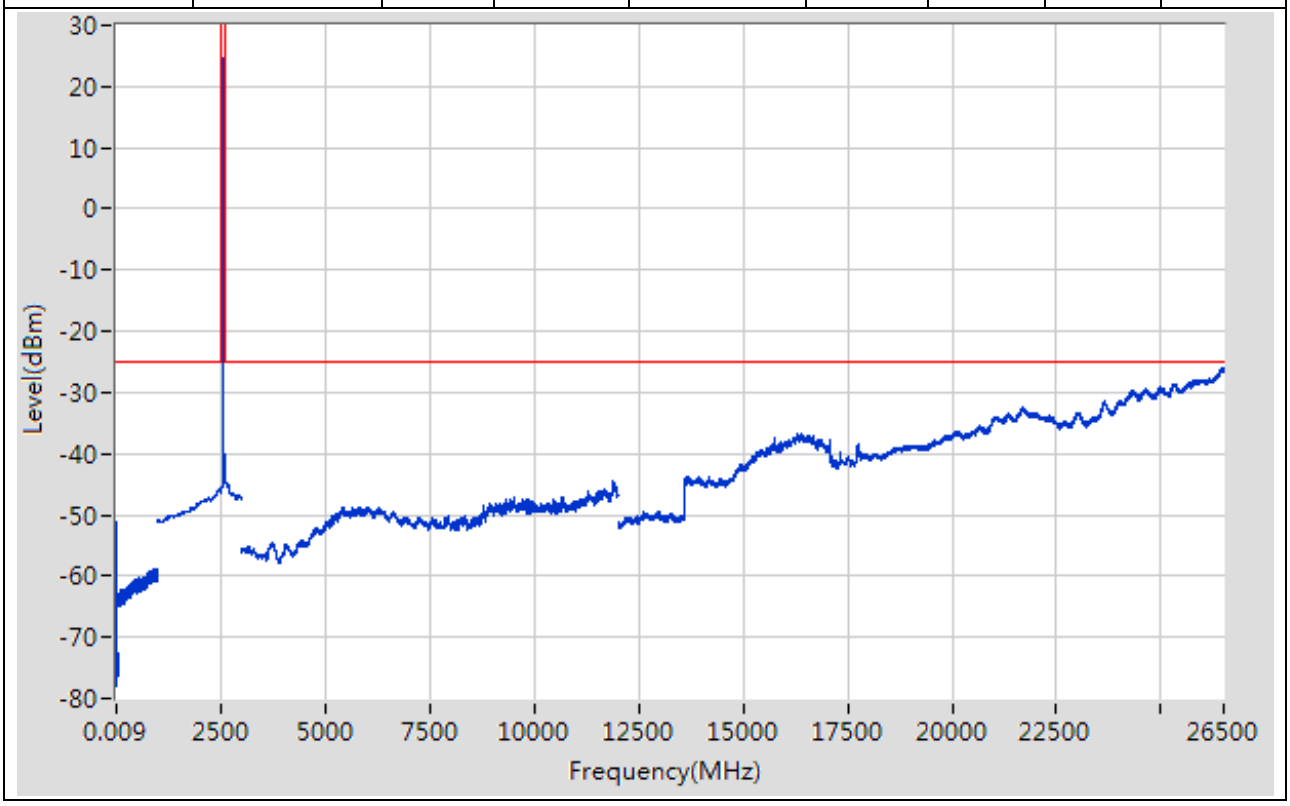
1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:21375, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-55.13	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.36	-25	Pass	2985
30	1000	0.1	RMS	888.789	-60.33	-25	Pass	9700
1000	2490	1	RMS	2427.958	-48.01	-25	Pass	1490
2490	2580	1	RMS	2569.2	21.89	60	Pass	601
2580	3000	1	RMS	2582.8	-43.51	-25	Pass	601
3000	12000	1	RMS	5138.238	-42.34	-25	Pass	9000
12000	26500	1	RMS	26449.997	-26.94	-25	Pass	14500



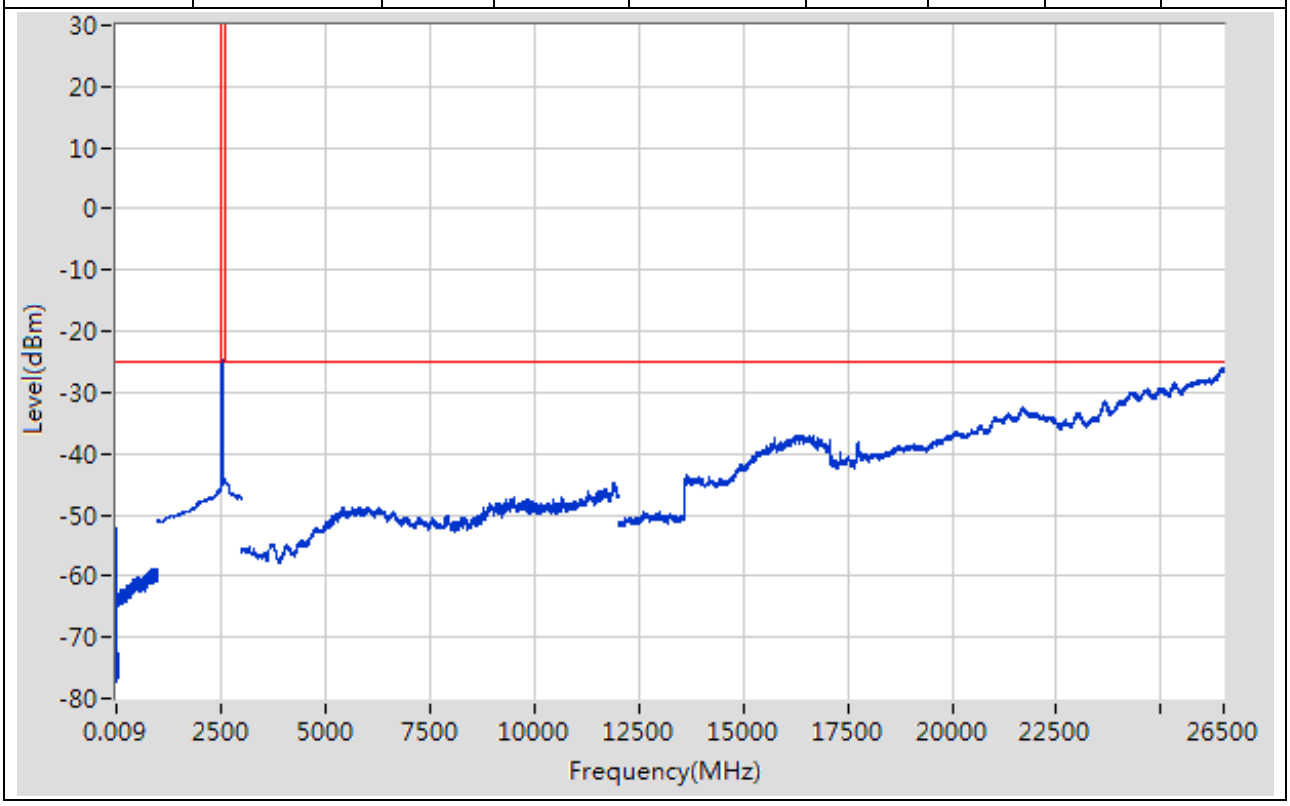
1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:21375, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-53.3	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.11	-25	Pass	2985
30	1000	0.1	RMS	937.394	-58.8	-25	Pass	9700
1000	2490	1	RMS	2490	-45.37	-25	Pass	1490
2490	2580	1	RMS	2569.2	24.72	60	Pass	601
2580	3000	1	RMS	2582.8	-40.25	-25	Pass	601
3000	12000	1	RMS	11899.989	-44.56	-25	Pass	9000
12000	26500	1	RMS	26443.996	-25.99	-25	Pass	14500



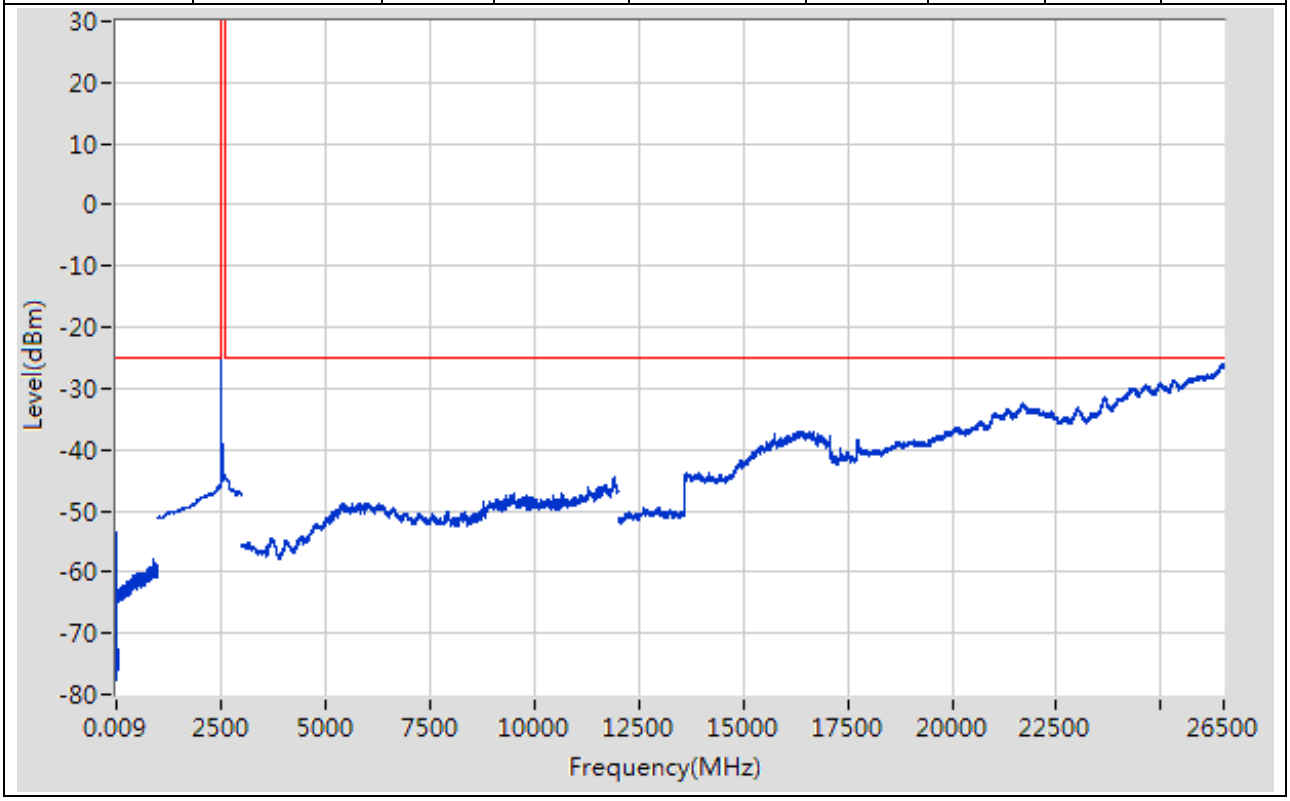
1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	0.01	-53.84	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.08	-25	Pass	2985
30	1000	0.1	RMS	858.285	-58.76	-25	Pass	9700
1000	2490	1	RMS	2482.995	-43.28	-25	Pass	1490
2490	2580	1	RMS	2501.1	23.58	60	Pass	601
2580	3000	1	RMS	2594	-44	-25	Pass	601
3000	12000	1	RMS	11907.99	-44.64	-25	Pass	9000
12000	26500	1	RMS	26464.998	-25.94	-25	Pass	14500



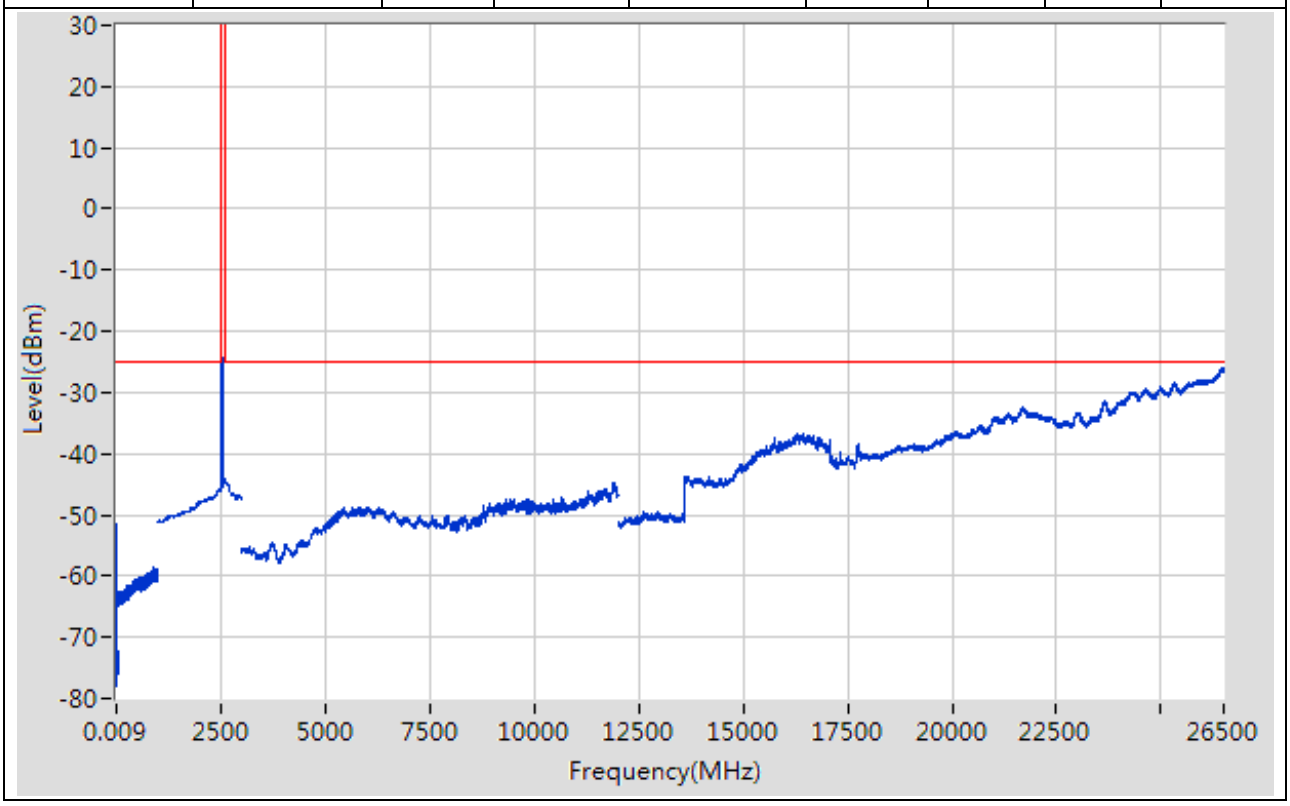
1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-54.32	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.51	-25	Pass	2985
30	1000	0.1	RMS	895.389	-57.91	-25	Pass	9700
1000	2490	1	RMS	2482.995	-32.34	-25	Pass	1490
2490	2580	1	RMS	2518.95	23.92	60	Pass	601
2580	3000	1	RMS	2580	-43.99	-25	Pass	601
3000	12000	1	RMS	11904.989	-44.56	-25	Pass	9000
12000	26500	1	RMS	26449.997	-25.92	-25	Pass	14500



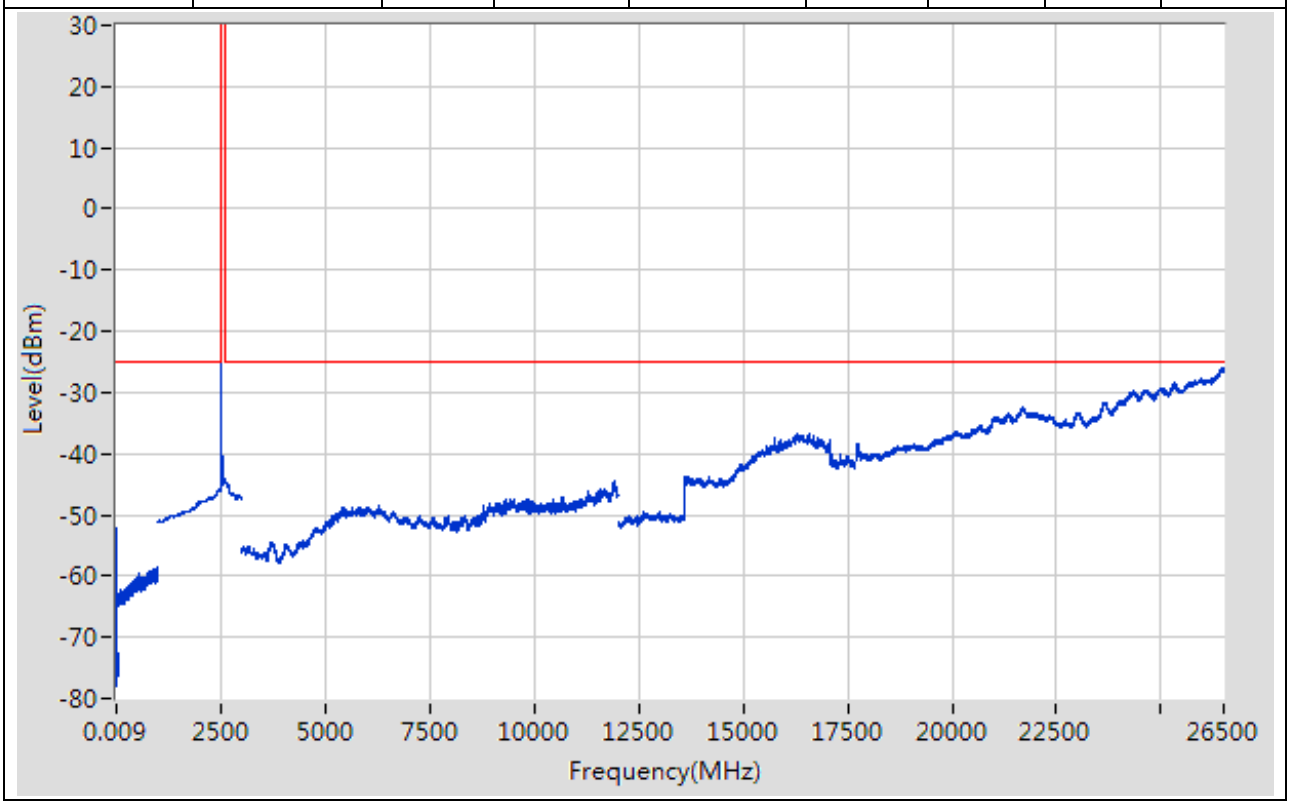
1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-53.43	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.62	-25	Pass	2985
30	1000	0.1	RMS	900.79	-58.63	-25	Pass	9700
1000	2490	1	RMS	2482.995	-43.97	-25	Pass	1490
2490	2580	1	RMS	2501.1	22.69	60	Pass	601
2580	3000	1	RMS	2581.4	-44.04	-25	Pass	601
3000	12000	1	RMS	11910.99	-44.64	-25	Pass	9000
12000	26500	1	RMS	26457.997	-25.87	-25	Pass	14500



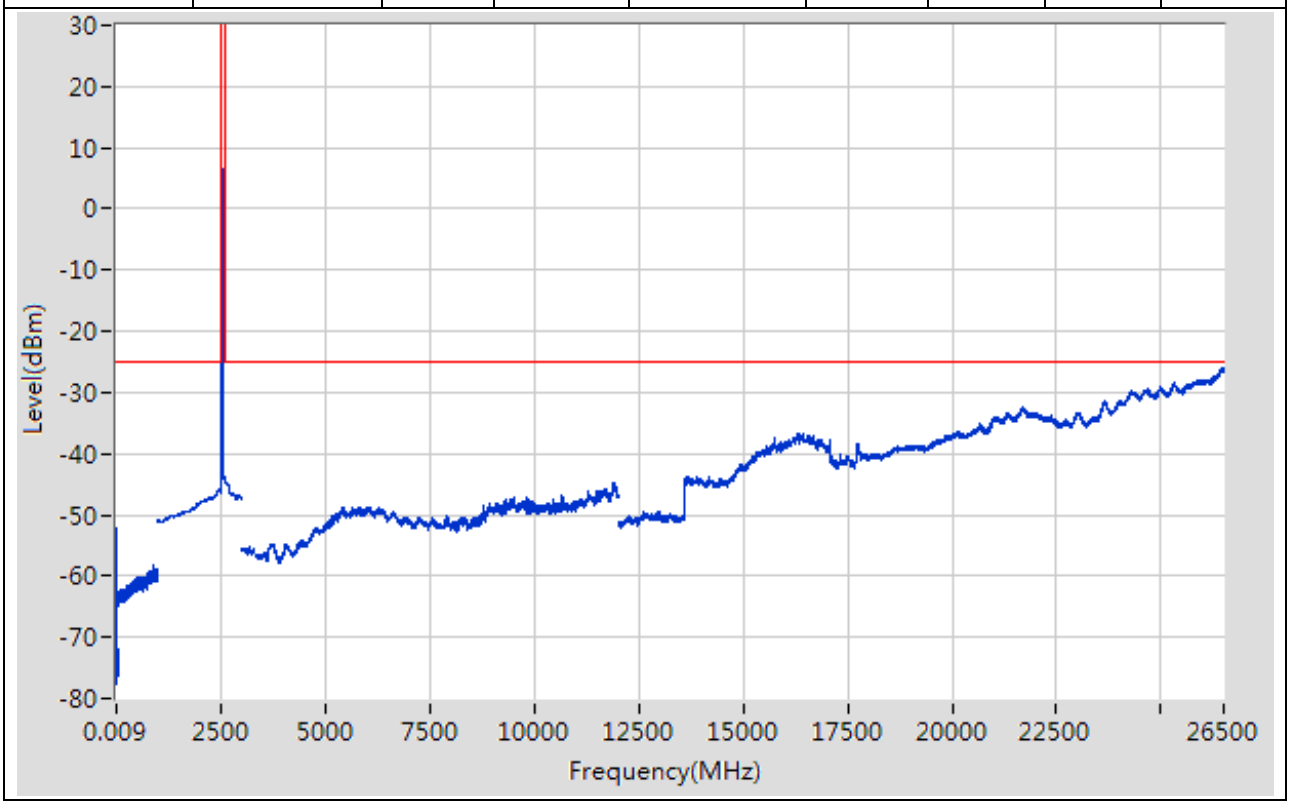
1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-53.08	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.18	-25	Pass	2985
30	1000	0.1	RMS	985.398	-58.68	-25	Pass	9700
1000	2490	1	RMS	2482.995	-32.86	-25	Pass	1490
2490	2580	1	RMS	2518.95	22.98	60	Pass	601
2580	3000	1	RMS	2582.1	-44.01	-25	Pass	601
3000	12000	1	RMS	11902.989	-44.45	-25	Pass	9000
12000	26500	1	RMS	26462.997	-25.89	-25	Pass	14500



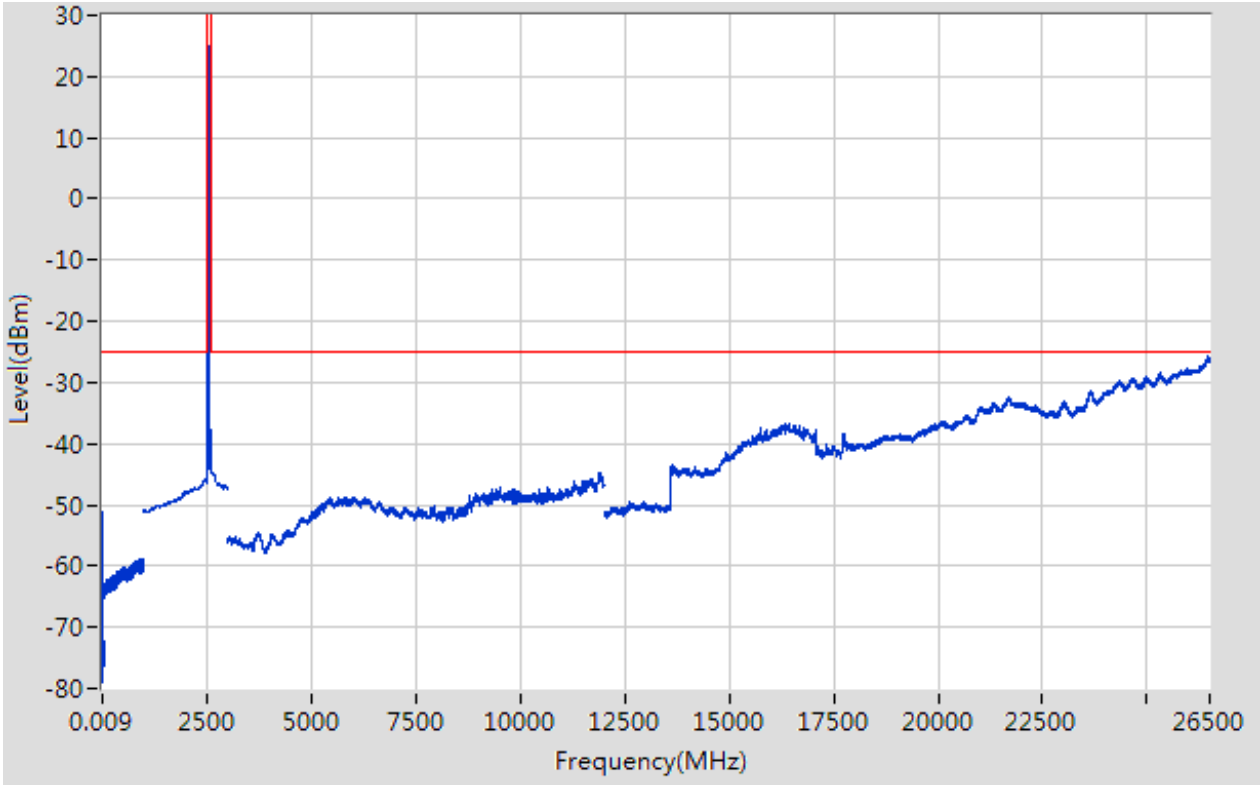
1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	0.01	-52.99	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.02	-25	Pass	2985
30	1000	0.1	RMS	891.889	-58.24	-25	Pass	9700
1000	2490	1	RMS	2490	-41	-25	Pass	1490
2490	2580	1	RMS	2526.15	24.13	60	Pass	601
2580	3000	1	RMS	2580	-43.98	-25	Pass	601
3000	12000	1	RMS	11909.99	-44.63	-25	Pass	9000
12000	26500	1	RMS	26461.997	-25.98	-25	Pass	14500



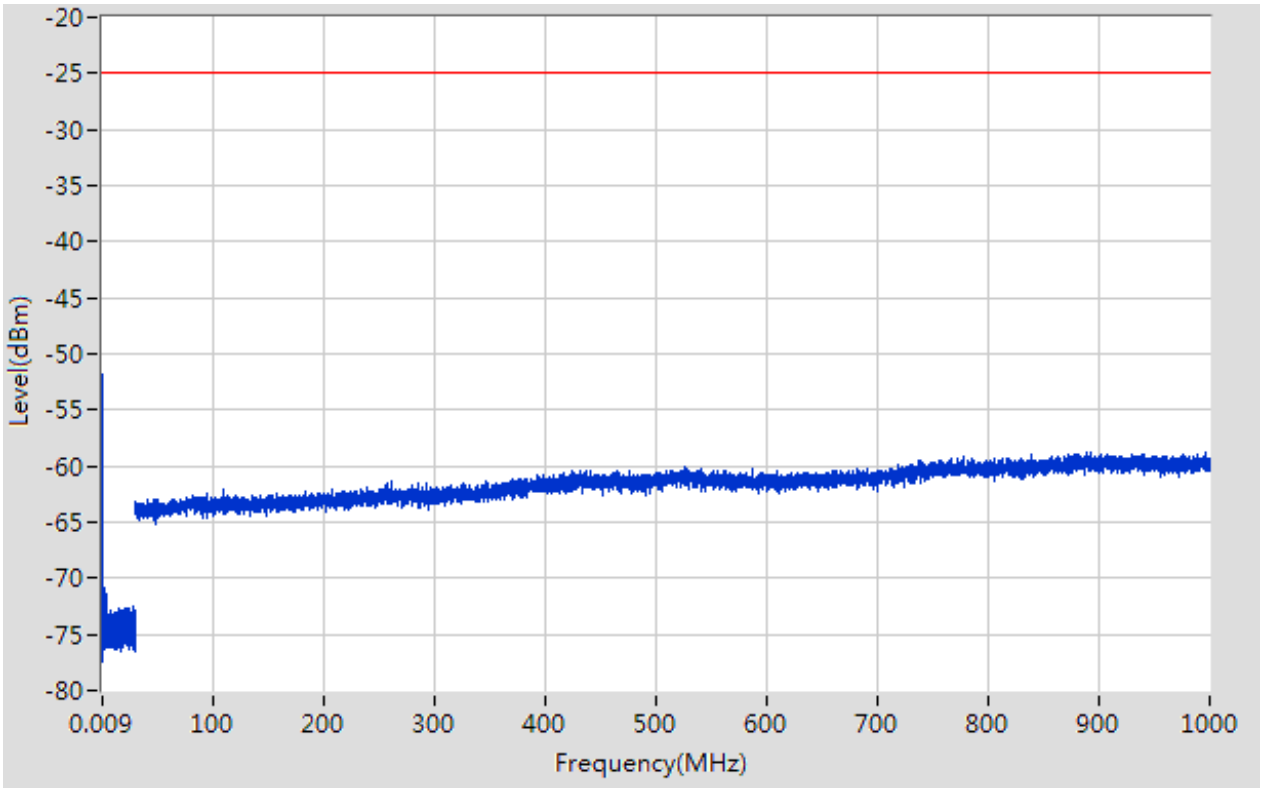
1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.01	-53.24	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.17	-25	Pass	2985
30	1000	0.1	RMS	886.388	-58.74	-25	Pass	9700
1000	2490	1	RMS	2490	-45.4	-25	Pass	1490
2490	2580	1	RMS	2543.85	24.84	60	Pass	601
2580	3000	1	RMS	2580	-39.1	-25	Pass	601
3000	12000	1	RMS	11901.989	-44.68	-25	Pass	9000
12000	26500	1	RMS	26448.996	-25.82	-25	Pass	14500



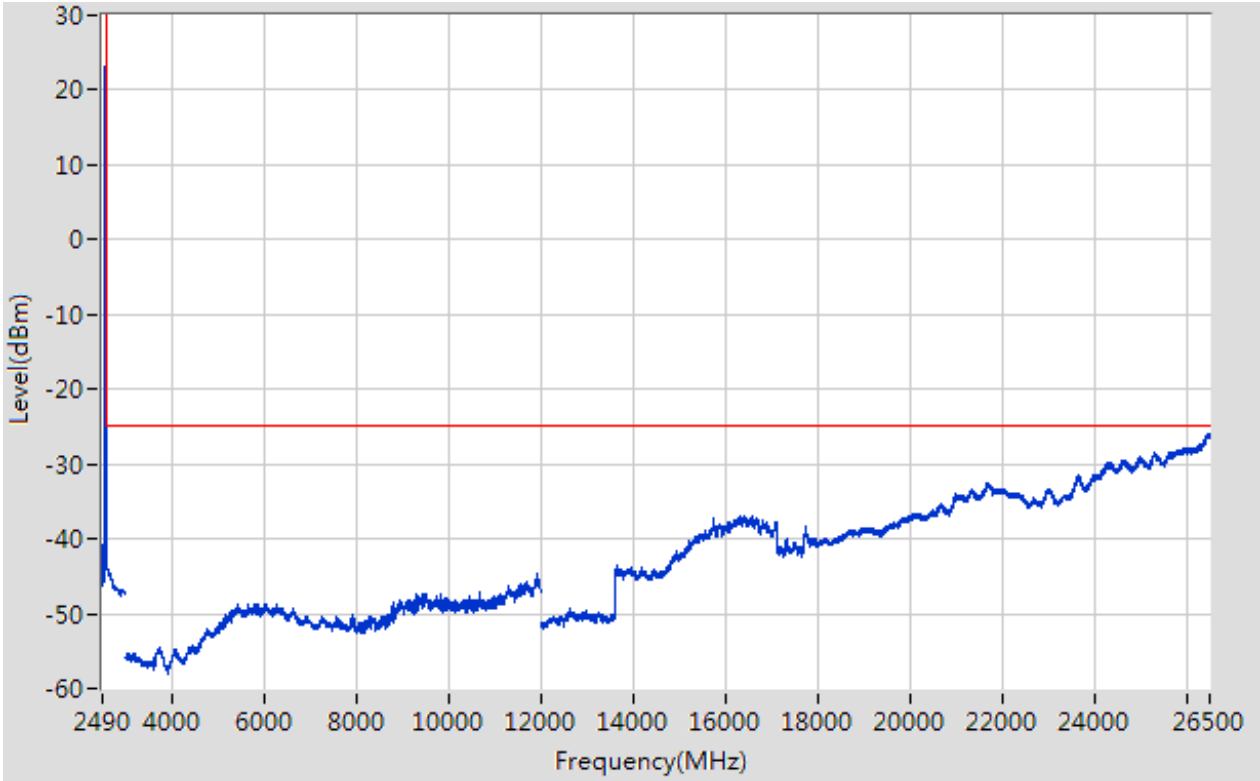
1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-52.99	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.86	-25	Pass	2985
30	1000	0.1	RMS	995.7	-58.72	-25	Pass	9700



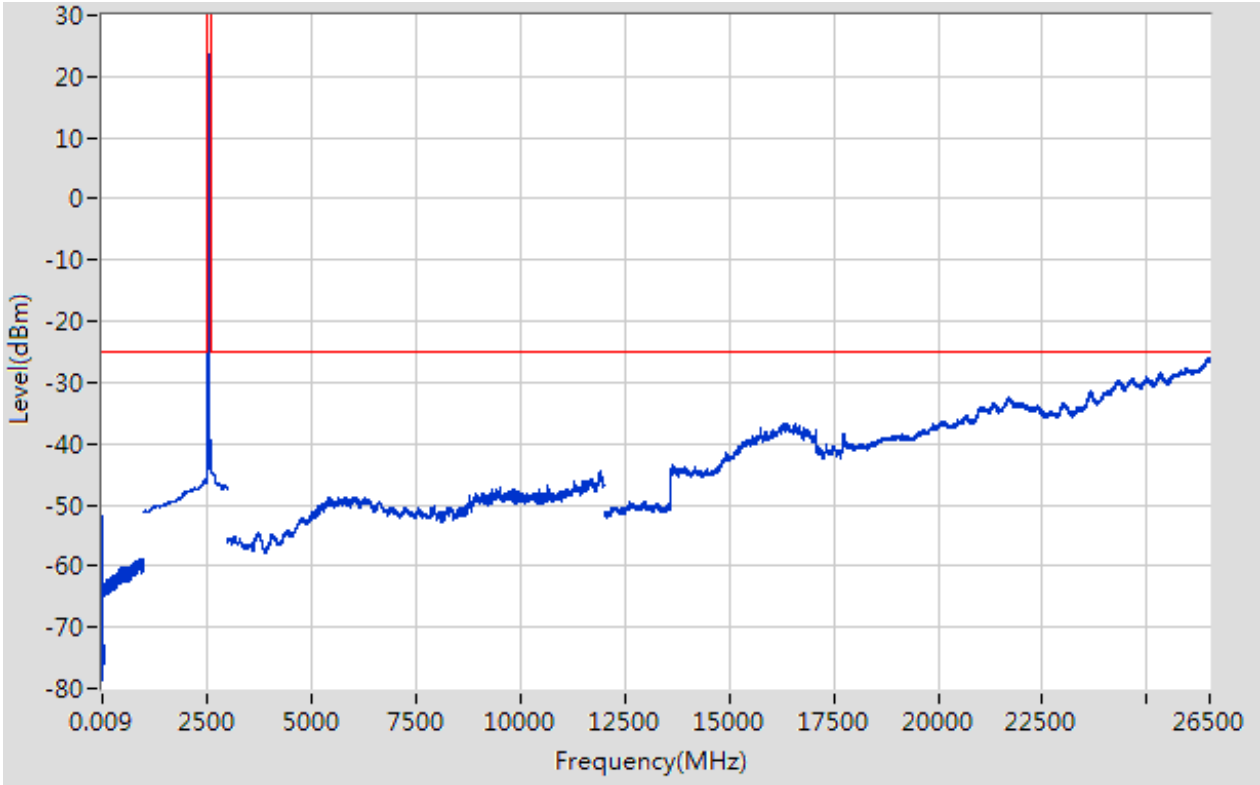
1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
2490	2580	1	RMS	2526.15	23.1	60	Pass	601
2580	3000	1	RMS	2581.4	-43.97	-25	Pass	601
3000	12000	1	RMS	11899.989	-44.69	-25	Pass	9000
12000	26500	1	RMS	26443.996	-25.91	-25	Pass	14500



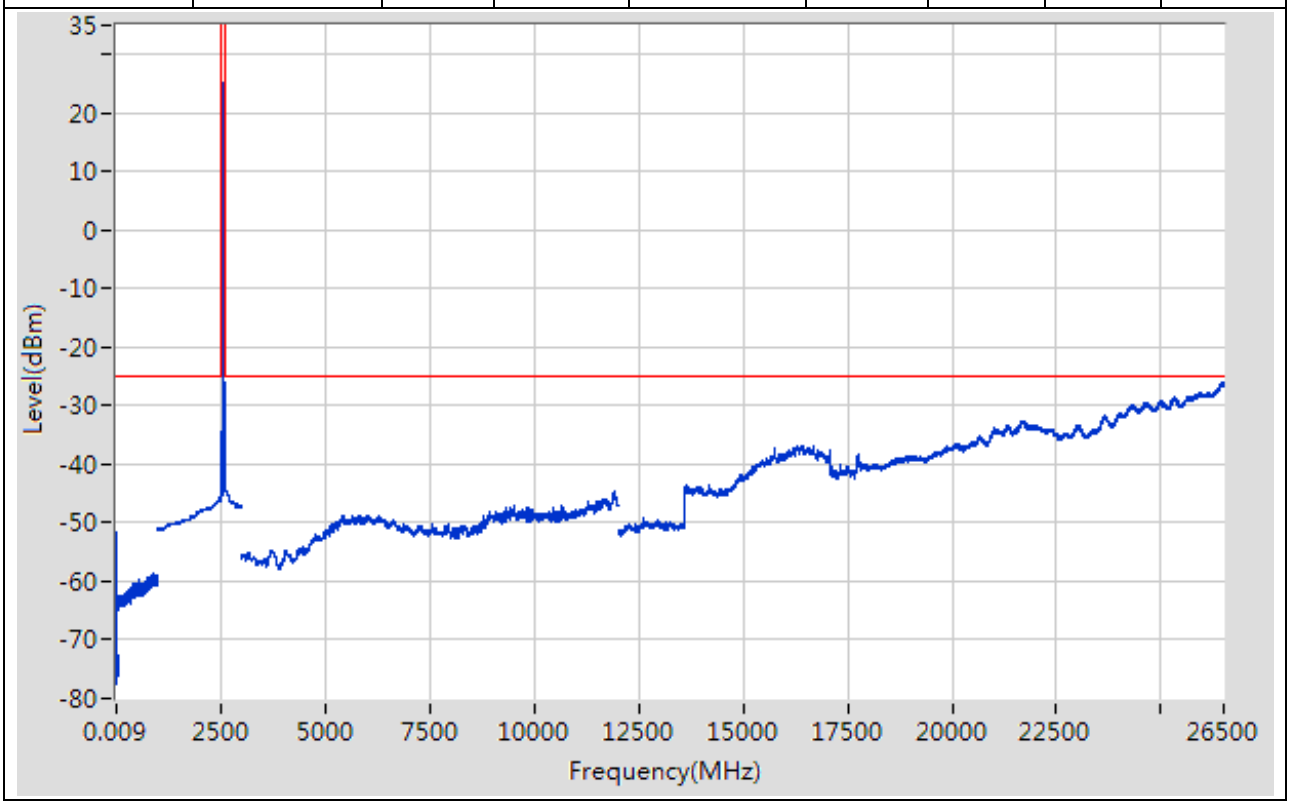
1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

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	-53.85	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.92	-25	Pass	2985
30	1000	0.1	RMS	881.388	-58.78	-25	Pass	9700
1000	2490	1	RMS	2487.999	-45.38	-25	Pass	1490
2490	2580	1	RMS	2543.85	23.78	60	Pass	601
2580	3000	1	RMS	2580	-40.62	-25	Pass	601
3000	12000	1	RMS	11908.99	-44.6	-25	Pass	9000
12000	26500	1	RMS	26475.998	-25.97	-25	Pass	14500



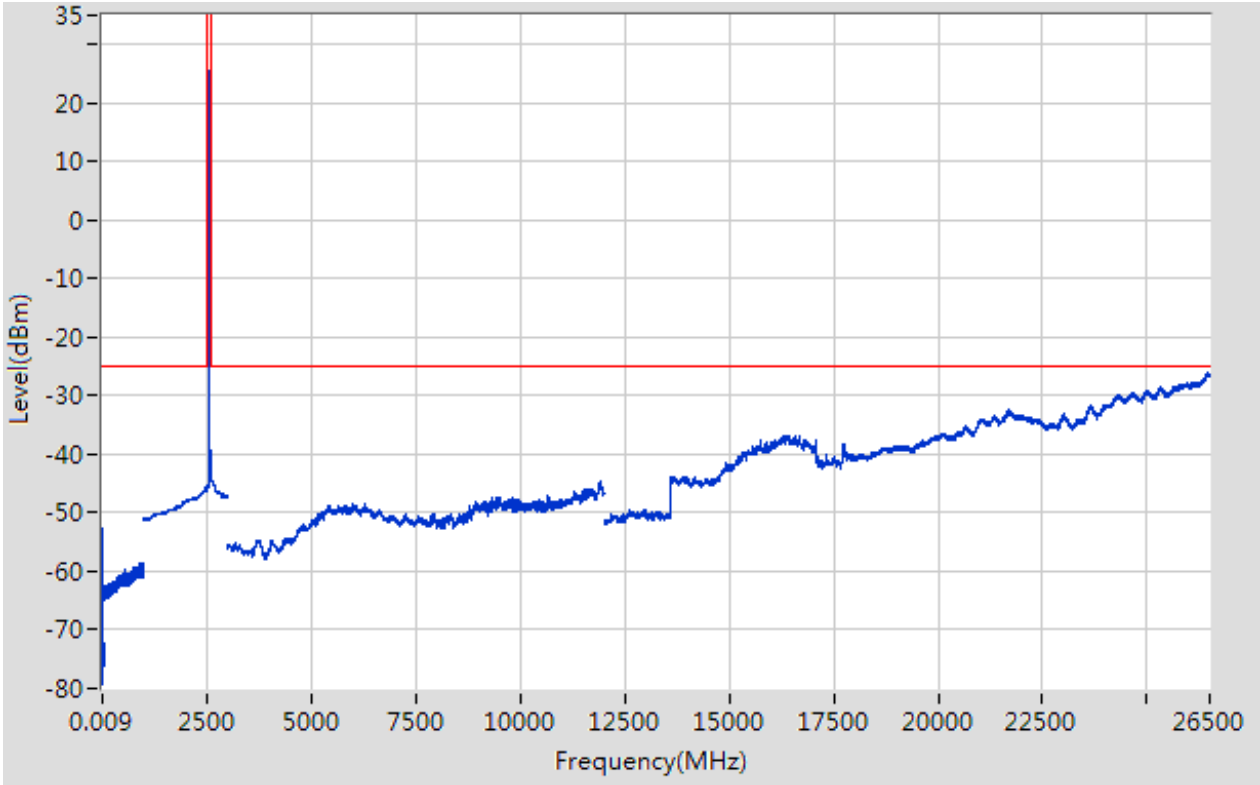
1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-53.59	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.66	-25	Pass	2985
30	1000	0.1	RMS	878.888	-58.53	-25	Pass	9700
1000	2490	1	RMS	2485.997	-45.4	-25	Pass	1490
2490	2580	1	RMS	2551.05	25.26	60	Pass	601
2580	3000	1	RMS	2587	-26.02	-25	Pass	601
3000	12000	1	RMS	11901.989	-44.69	-25	Pass	9000
12000	26500	1	RMS	26438.996	-25.94	-25	Pass	14500



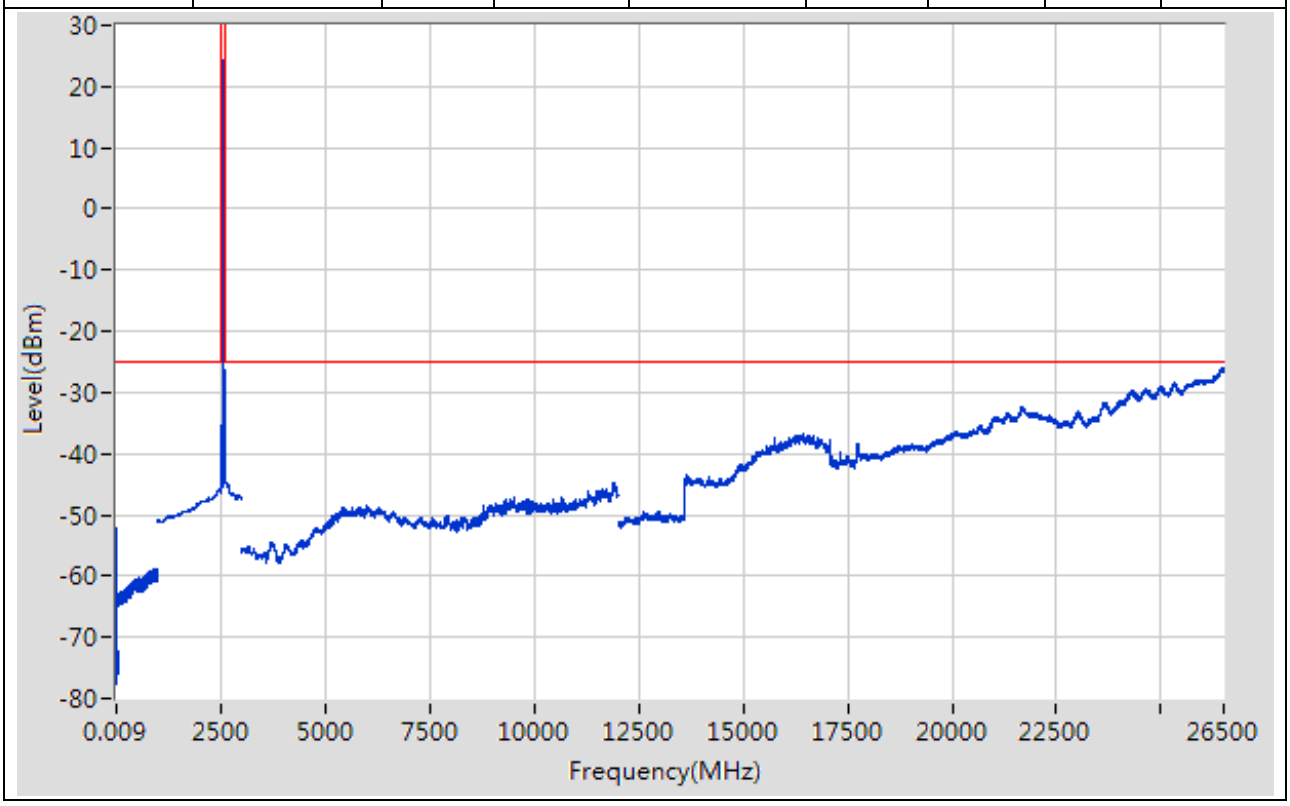
1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-53.95	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.61	-25	Pass	2985
30	1000	0.1	RMS	920.992	-58.71	-25	Pass	9700
1000	2490	1	RMS	2487.999	-45.38	-25	Pass	1490
2490	2580	1	RMS	2568.9	25.69	60	Pass	601
2580	3000	1	RMS	2587	-40.38	-25	Pass	601
3000	12000	1	RMS	11910.99	-44.49	-25	Pass	9000
12000	26500	1	RMS	26457.997	-25.99	-25	Pass	14500



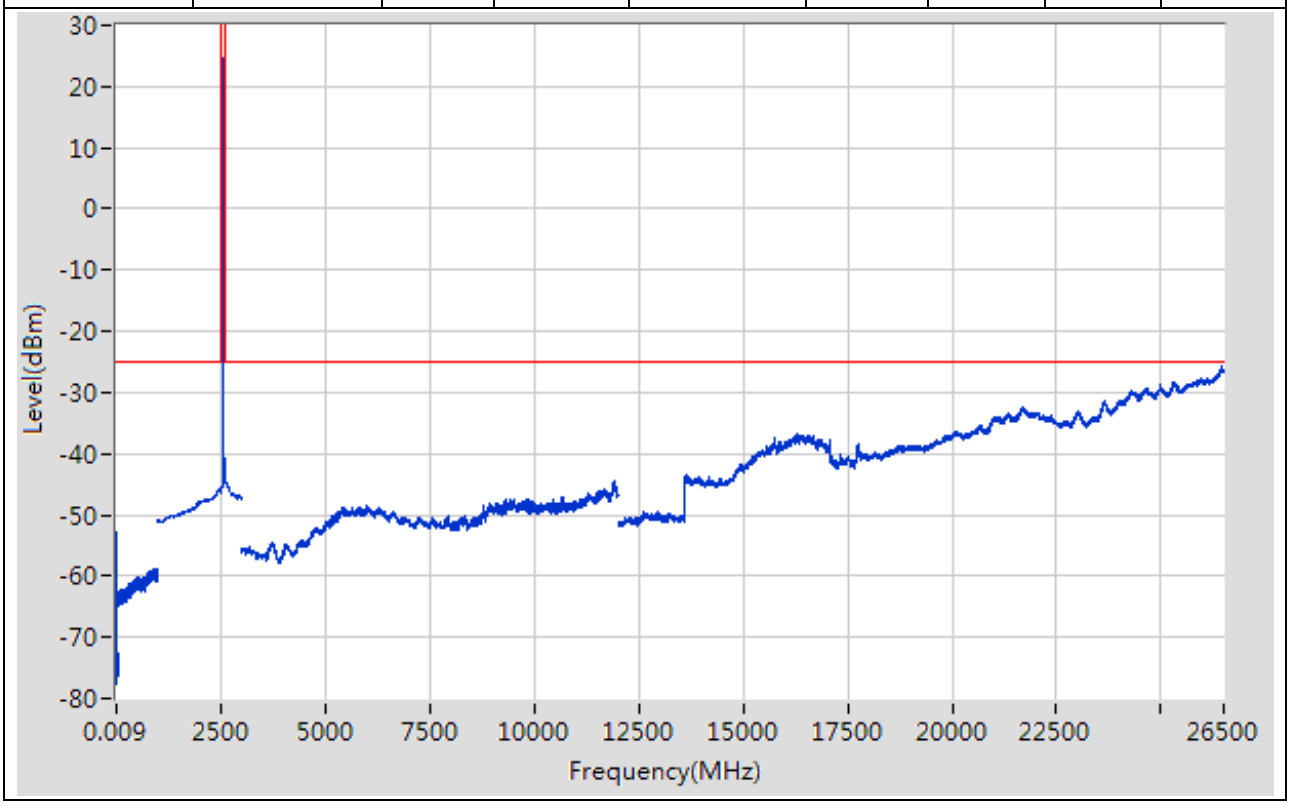
1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:21350, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

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	-53.62	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.12	-25	Pass	2985
30	1000	0.1	RMS	990.999	-58.75	-25	Pass	9700
1000	2490	1	RMS	2490	-45.35	-25	Pass	1490
2490	2580	1	RMS	2551.05	24.17	60	Pass	601
2580	3000	1	RMS	2587	-26.33	-25	Pass	601
3000	12000	1	RMS	11906.99	-44.63	-25	Pass	9000
12000	26500	1	RMS	26451.997	-25.96	-25	Pass	14500



1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:21350, Bandwidth:20, Modulation:16QAM, 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	-53.87	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.86	-25	Pass	2985
30	1000	0.1	RMS	906.49	-58.73	-25	Pass	9700
1000	2490	1	RMS	2488.999	-45.39	-25	Pass	1490
2490	2580	1	RMS	2568.9	24.64	60	Pass	601
2580	3000	1	RMS	2587	-41.26	-25	Pass	601
3000	12000	1	RMS	11904.989	-44.48	-25	Pass	9000
12000	26500	1	RMS	26457.997	-25.79	-25	Pass	14500



END