

# 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	0.01	-49.98	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.87	-25	Pass	2985
30	1000	0.1	RMS	886.888	-54.38	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.47	-25	Pass	1490
2490	2580	1	RMS	2500.35	24.29	60	Pass	601
2580	3000	1	RMS	2839.7	-38.01	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.21	-25	Pass	9000
12000	26000	1	RMS	25949.996	-28.48	-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	0.011	-50.61	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.68	-25	Pass	2985
30	1000	0.1	RMS	949.195	-54.41	-25	Pass	9700
1000	2490	1	RMS	2458.979	-39.39	-25	Pass	1490
2490	2580	1	RMS	2504.7	24.2	60	Pass	601
2580	3000	1	RMS	2840.4	-37.97	-25	Pass	601
3000	12000	1	RMS	11905.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25958.997	-28.54	-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	0.01	-49.98	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.46	-25	Pass	2985
30	1000	0.1	RMS	986.499	-54.49	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.4	-25	Pass	1490
2490	2580	1	RMS	2500.35	23.38	60	Pass	601
2580	3000	1	RMS	2840.4	-37.98	-25	Pass	601
3000	12000	1	RMS	11903.989	-45.15	-25	Pass	9000
12000	26000	1	RMS	25933.995	-28.45	-25	Pass	14000



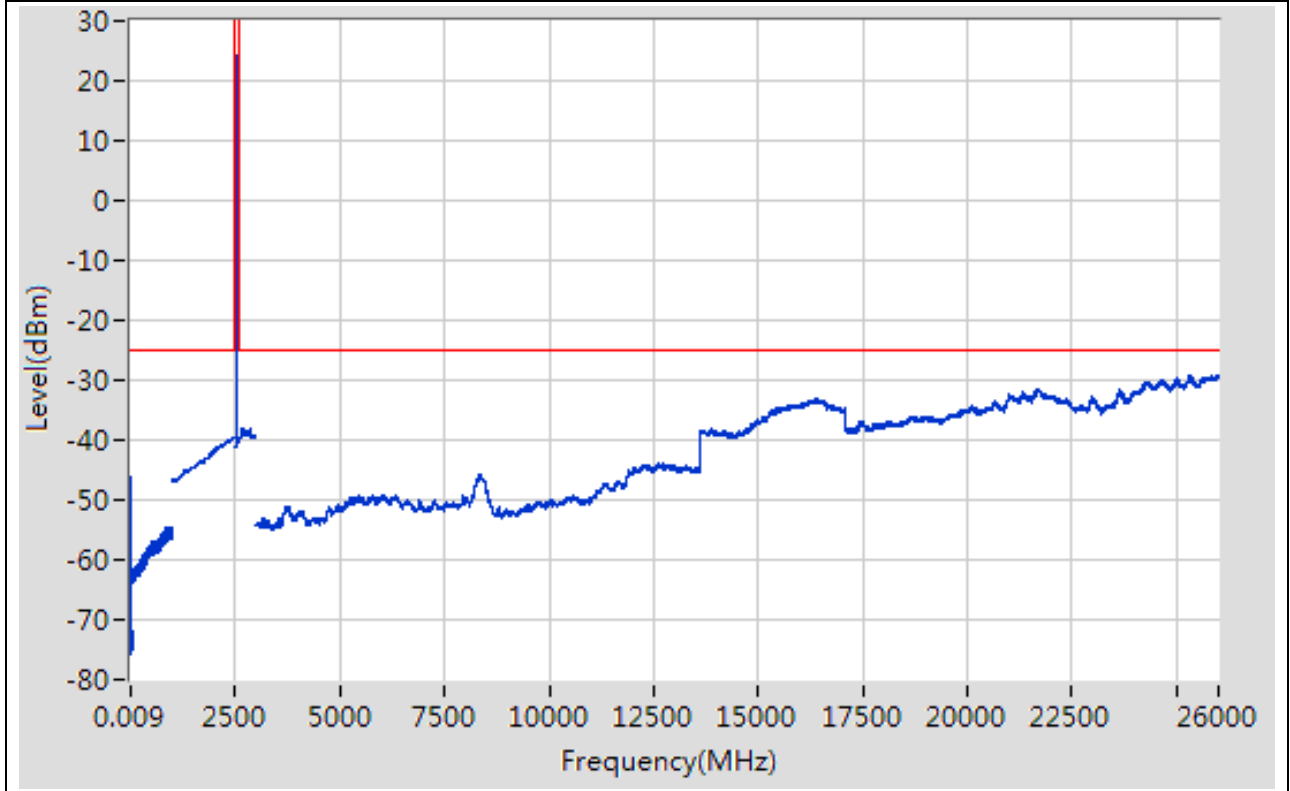
**1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

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	0.009	-50.12	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.45	-25	Pass	2985
30	1000	0.1	RMS	896.889	-54.34	-25	Pass	9700
1000	2490	1	RMS	2458.979	-39.5	-25	Pass	1490
2490	2580	1	RMS	2504.7	23.35	60	Pass	601
2580	3000	1	RMS	2839.7	-38.01	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.14	-25	Pass	9000
12000	26000	1	RMS	25949.996	-28.59	-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	-50.87	-25	Pass	601
0.15	30	0.01	RMS	0.16	-46	-25	Pass	2985
30	1000	0.1	RMS	986.099	-54.48	-25	Pass	9700
1000	2490	1	RMS	2418.952	-39.45	-25	Pass	1490
2490	2580	1	RMS	2532.9	24.21	60	Pass	601
2580	3000	1	RMS	2839.7	-37.95	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.19	-25	Pass	9000
12000	26000	1	RMS	25990.999	-29.24	-25	Pass	14000



**1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, 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	-49.88	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.1	-25	Pass	2985
30	1000	0.1	RMS	925.792	-54.44	-25	Pass	9700
1000	2490	1	RMS	2460.981	-39.46	-25	Pass	1490
2490	2580	1	RMS	2537.1	24.19	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11906.99	-45.15	-25	Pass	9000
12000	26000	1	RMS	25948.996	-28.56	-25	Pass	14000



**1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, 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	0.012	-50.37	-25	Pass	601
0.15	30	0.01	RMS	0.16	-44.77	-25	Pass	2985
30	1000	0.1	RMS	882.288	-54.53	-25	Pass	9700
1000	2490	1	RMS	2458.979	-39.41	-25	Pass	1490
2490	2580	1	RMS	2532.9	23.48	60	Pass	601
2580	3000	1	RMS	2840.4	-38	-25	Pass	601
3000	12000	1	RMS	11909.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25952.997	-28.46	-25	Pass	14000





**1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, 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	0.01	-50.07	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.71	-25	Pass	2985
30	1000	0.1	RMS	910.091	-54.5	-25	Pass	9700
1000	2490	1	RMS	2457.979	-39.45	-25	Pass	1490
2490	2580	1	RMS	2537.1	23.47	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25949.996	-28.5	-25	Pass	14000



**1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, 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	-49.82	-25	Pass	601
0.15	30	0.01	RMS	0.16	-44.3	-25	Pass	2985
30	1000	0.1	RMS	923.792	-54.48	-25	Pass	9700
1000	2490	1	RMS	2461.981	-39.42	-25	Pass	1490
2490	2580	1	RMS	2565.3	24.24	60	Pass	601
2580	3000	1	RMS	2840.4	-38.04	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.01	-25	Pass	9000
12000	26000	1	RMS	25963.997	-28.47	-25	Pass	14000



**1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, 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	-50.08	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.08	-25	Pass	2985
30	1000	0.1	RMS	914.891	-54.48	-25	Pass	9700
1000	2490	1	RMS	2464.983	-39.45	-25	Pass	1490
2490	2580	1	RMS	2569.65	24.22	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.25	-25	Pass	9000
12000	26000	1	RMS	25934.995	-28.51	-25	Pass	14000



**1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, 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	-50.57	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.64	-25	Pass	2985
30	1000	0.1	RMS	871.287	-54.52	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.46	-25	Pass	1490
2490	2580	1	RMS	2565.3	23.52	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11902.989	-45.11	-25	Pass	9000
12000	26000	1	RMS	25965.998	-28.41	-25	Pass	14000



**1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, 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	0.01	-49.6	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.45	-25	Pass	2985
30	1000	0.1	RMS	992.999	-54.29	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.44	-25	Pass	1490
2490	2580	1	RMS	2569.65	23.4	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11899.989	-45.07	-25	Pass	9000
12000	26000	1	RMS	25953.997	-28.44	-25	Pass	14000



**1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, 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	-49.78	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.2	-25	Pass	2985
30	1000	0.1	RMS	981.298	-54.58	-25	Pass	9700
1000	2490	1	RMS	2482.995	-36.76	-25	Pass	1490
2490	2580	1	RMS	2500.65	24.37	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11909.99	-45.11	-25	Pass	9000
12000	26000	1	RMS	25942.996	-28.51	-25	Pass	14000



**1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, 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	0.01	-50.68	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.88	-25	Pass	2985
30	1000	0.1	RMS	941.194	-54.35	-25	Pass	9700
1000	2490	1	RMS	2490	-39.38	-25	Pass	1490
2490	2580	1	RMS	2509.35	24.31	60	Pass	601
2580	3000	1	RMS	2839.7	-38.02	-25	Pass	601
3000	12000	1	RMS	11902.989	-45.09	-25	Pass	9000
12000	26000	1	RMS	25962.997	-28.47	-25	Pass	14000



**1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, 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	0.009	-49.73	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.77	-25	Pass	2985
30	1000	0.1	RMS	896.689	-54.23	-25	Pass	9700
1000	2490	1	RMS	2482.995	-37.45	-25	Pass	1490
2490	2580	1	RMS	2500.65	23.56	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.04	-25	Pass	9000
12000	26000	1	RMS	25971.998	-28.54	-25	Pass	14000





**1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, 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	-50.16	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.8	-25	Pass	2985
30	1000	0.1	RMS	893.689	-54.47	-25	Pass	9700
1000	2490	1	RMS	2457.979	-39.36	-25	Pass	1490
2490	2580	1	RMS	2509.35	23.52	60	Pass	601
2580	3000	1	RMS	2840.4	-38.02	-25	Pass	601
3000	12000	1	RMS	11915.991	-44.93	-25	Pass	9000
12000	26000	1	RMS	25969.998	-28.56	-25	Pass	14000



**1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, 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	-50.83	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.99	-25	Pass	2985
30	1000	0.1	RMS	876.687	-54.4	-25	Pass	9700
1000	2490	1	RMS	2457.979	-39.22	-25	Pass	1490
2490	2580	1	RMS	2530.65	24.32	60	Pass	601
2580	3000	1	RMS	2839.7	-37.96	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.09	-25	Pass	9000
12000	26000	1	RMS	25972.998	-28.47	-25	Pass	14000



**1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, 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	0.009	-49.24	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.43	-25	Pass	2985
30	1000	0.1	RMS	990.599	-53.97	-25	Pass	9700
1000	2490	1	RMS	2465.984	-39.45	-25	Pass	1490
2490	2580	1	RMS	2539.35	24.31	60	Pass	601
2580	3000	1	RMS	2840.4	-37.99	-25	Pass	601
3000	12000	1	RMS	11917.991	-45.11	-25	Pass	9000
12000	26000	1	RMS	25970.998	-28.56	-25	Pass	14000



**1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, 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	0.01	-50.26	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.58	-25	Pass	2985
30	1000	0.1	RMS	908.591	-54.42	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.4	-25	Pass	1490
2490	2580	1	RMS	2530.65	23.39	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.2	-25	Pass	9000
12000	26000	1	RMS	25976.998	-28.53	-25	Pass	14000



**1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, 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	-49.55	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.37	-25	Pass	2985
30	1000	0.1	RMS	894.789	-54.3	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.4	-25	Pass	1490
2490	2580	1	RMS	2539.35	23.41	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.16	-25	Pass	9000
12000	26000	1	RMS	25925.995	-28.59	-25	Pass	14000



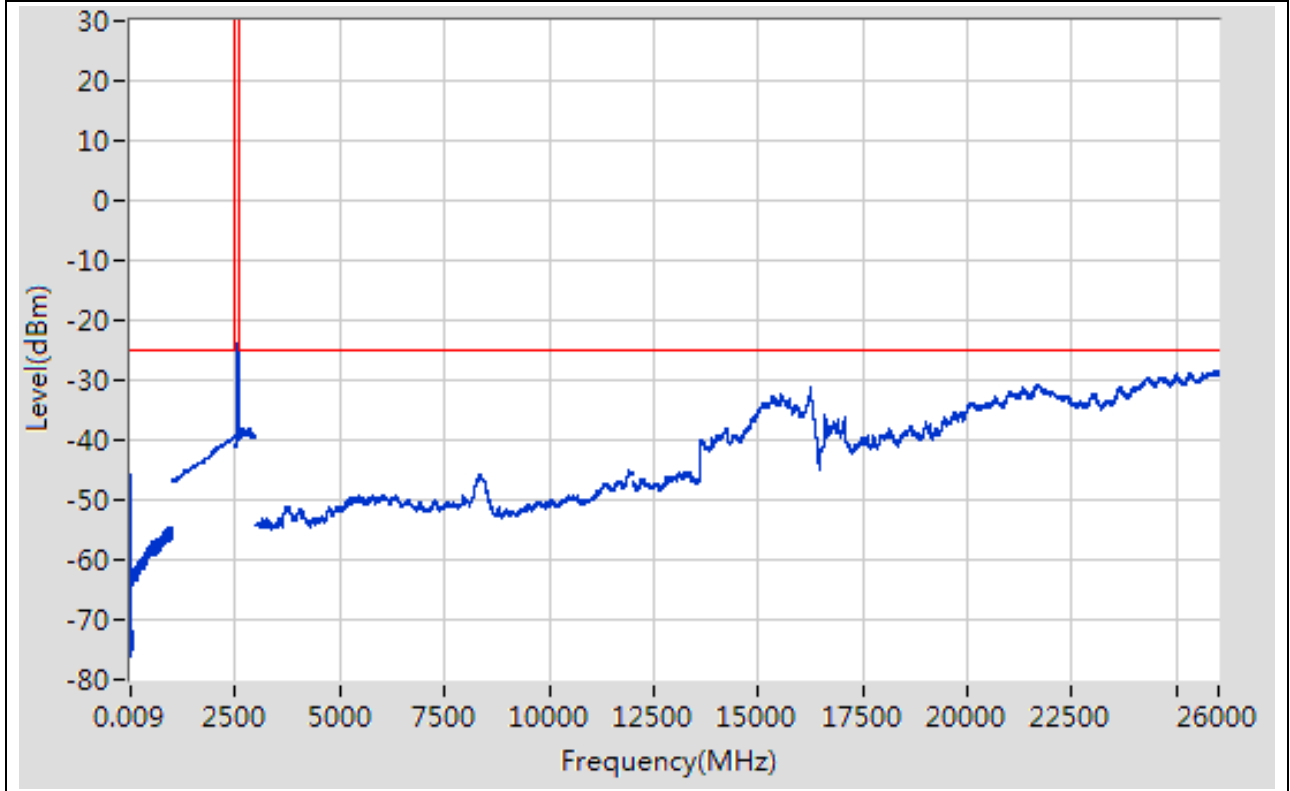
**1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

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	-50.66	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.76	-25	Pass	2985
30	1000	0.1	RMS	987.699	-54.44	-25	Pass	9700
1000	2490	1	RMS	2457.979	-39.27	-25	Pass	1490
2490	2580	1	RMS	2560.65	24.29	60	Pass	601
2580	3000	1	RMS	2840.4	-37.96	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.1	-25	Pass	9000
12000	26000	1	RMS	25969.998	-28.44	-25	Pass	14000



**1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, 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	0.01	-50.25	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.67	-25	Pass	2985
30	1000	0.1	RMS	908.891	-54.48	-25	Pass	9700
1000	2490	1	RMS	2464.983	-39.34	-25	Pass	1490
2490	2580	1	RMS	2569.35	24.34	60	Pass	601
2580	3000	1	RMS	2587	-37.02	-25	Pass	601
3000	12000	1	RMS	11898.989	-45.13	-25	Pass	9000
12000	26000	1	RMS	25966.998	-28.57	-25	Pass	14000



**1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, 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	-49.44	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.85	-25	Pass	2985
30	1000	0.1	RMS	992.799	-54.48	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.44	-25	Pass	1490
2490	2580	1	RMS	2560.65	23.47	60	Pass	601
2580	3000	1	RMS	2840.4	-37.99	-25	Pass	601
3000	12000	1	RMS	11923.992	-45.13	-25	Pass	9000
12000	26000	1	RMS	25975.998	-28.45	-25	Pass	14000





**1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, 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	-50.03	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.52	-25	Pass	2985
30	1000	0.1	RMS	893.489	-54.58	-25	Pass	9700
1000	2490	1	RMS	2464.983	-39.37	-25	Pass	1490
2490	2580	1	RMS	2569.35	23.4	60	Pass	601
2580	3000	1	RMS	2840.4	-37.98	-25	Pass	601
3000	12000	1	RMS	11896.989	-45.11	-25	Pass	9000
12000	26000	1	RMS	25970.998	-28.5	-25	Pass	14000



**1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, 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	0.01	-49.38	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.87	-25	Pass	2985
30	1000	0.1	RMS	974.697	-54.32	-25	Pass	9700
1000	2490	1	RMS	2487.999	-38.4	-25	Pass	1490
2490	2580	1	RMS	2500.8	24.35	60	Pass	601
2580	3000	1	RMS	2840.4	-37.95	-25	Pass	601
3000	12000	1	RMS	11918.991	-45.16	-25	Pass	9000
12000	26000	1	RMS	25974.998	-28.46	-25	Pass	14000



**1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, 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	0.009	-50.75	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.73	-25	Pass	2985
30	1000	0.1	RMS	996.2	-54.48	-25	Pass	9700
1000	2490	1	RMS	2487.999	-28.19	-25	Pass	1490
2490	2580	1	RMS	2514.15	24.38	60	Pass	601
2580	3000	1	RMS	2840.4	-37.97	-25	Pass	601
3000	12000	1	RMS	11923.992	-45.06	-25	Pass	9000
12000	26000	1	RMS	25950.997	-28.34	-25	Pass	14000



**1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, 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	-50.27	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.22	-25	Pass	2985
30	1000	0.1	RMS	992.999	-54.43	-25	Pass	9700
1000	2490	1	RMS	2487.999	-38.65	-25	Pass	1490
2490	2580	1	RMS	2500.8	23.54	60	Pass	601
2580	3000	1	RMS	2839.7	-37.94	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.01	-25	Pass	9000
12000	26000	1	RMS	25942.996	-28.57	-25	Pass	14000



**1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, 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	-49.88	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.64	-25	Pass	2985
30	1000	0.1	RMS	985.999	-54.5	-25	Pass	9700
1000	2490	1	RMS	2487.999	-29.61	-25	Pass	1490
2490	2580	1	RMS	2514.15	23.59	60	Pass	601
2580	3000	1	RMS	2839.7	-37.97	-25	Pass	601
3000	12000	1	RMS	11905.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25971.998	-28.42	-25	Pass	14000



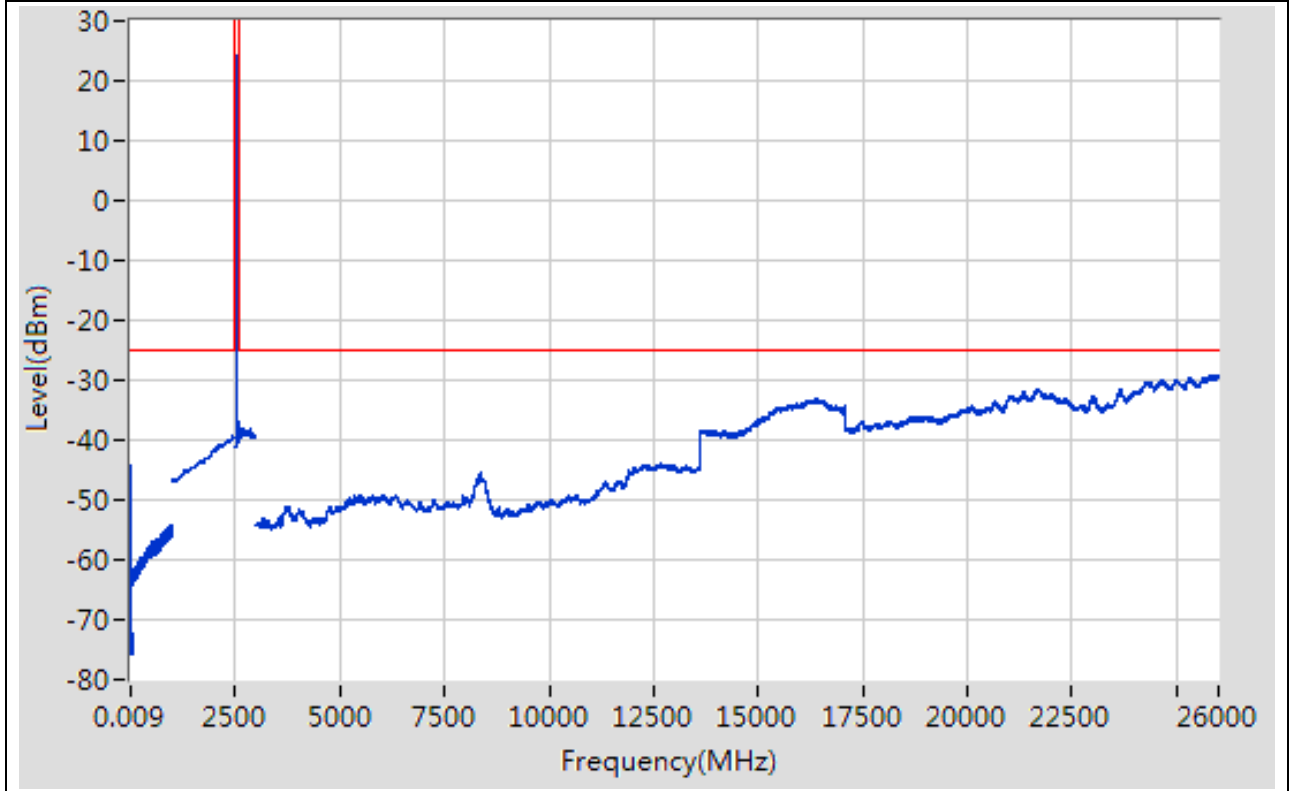
**1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

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	0.01	-50.42	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.06	-25	Pass	2985
30	1000	0.1	RMS	899.79	-54.23	-25	Pass	9700
1000	2490	1	RMS	2459.98	-39.44	-25	Pass	1490
2490	2580	1	RMS	2528.4	24.28	60	Pass	601
2580	3000	1	RMS	2839.7	-37.97	-25	Pass	601
3000	12000	1	RMS	11906.99	-44.97	-25	Pass	9000
12000	26000	1	RMS	25930.995	-28.51	-25	Pass	14000



**1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, 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	0.01	-50.14	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.32	-25	Pass	2985
30	1000	0.1	RMS	979.998	-54.36	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.41	-25	Pass	1490
2490	2580	1	RMS	2541.6	24.27	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11907.99	-45.09	-25	Pass	9000
12000	26000	1	RMS	25935.995	-29.18	-25	Pass	14000



**1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, 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	-50.29	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.41	-25	Pass	2985
30	1000	0.1	RMS	996.5	-54.39	-25	Pass	9700
1000	2490	1	RMS	2460.981	-39.37	-25	Pass	1490
2490	2580	1	RMS	2528.4	23.34	60	Pass	601
2580	3000	1	RMS	2839.7	-37.95	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.07	-25	Pass	9000
12000	26000	1	RMS	25938.996	-28.49	-25	Pass	14000





**1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, 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	-49.29	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.96	-25	Pass	2985
30	1000	0.1	RMS	894.389	-54.5	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.43	-25	Pass	1490
2490	2580	1	RMS	2541.6	23.32	60	Pass	601
2580	3000	1	RMS	2841.1	-38.01	-25	Pass	601
3000	12000	1	RMS	11914.991	-44.93	-25	Pass	9000
12000	26000	1	RMS	25954.997	-28.49	-25	Pass	14000



**1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, 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	-49.78	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.61	-25	Pass	2985
30	1000	0.1	RMS	977.098	-54.38	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.45	-25	Pass	1490
2490	2580	1	RMS	2555.85	24.23	60	Pass	601
2580	3000	1	RMS	2582.8	-26.51	-25	Pass	601
3000	12000	1	RMS	11918.991	-45.16	-25	Pass	9000
12000	26000	1	RMS	25929.995	-28.54	-25	Pass	14000



**1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, 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	-50.01	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.66	-25	Pass	2985
30	1000	0.1	RMS	968.397	-54.36	-25	Pass	9700
1000	2490	1	RMS	2464.983	-39.44	-25	Pass	1490
2490	2580	1	RMS	2569.2	24.28	60	Pass	601
2580	3000	1	RMS	2839.7	-38.01	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.16	-25	Pass	9000
12000	26000	1	RMS	25955.997	-28.55	-25	Pass	14000



**1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, 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	-50.1	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.76	-25	Pass	2985
30	1000	0.1	RMS	895.989	-54.47	-25	Pass	9700
1000	2490	1	RMS	2460.981	-39.29	-25	Pass	1490
2490	2580	1	RMS	2555.85	23.46	60	Pass	601
2580	3000	1	RMS	2582.8	-27.68	-25	Pass	601
3000	12000	1	RMS	11898.989	-45.14	-25	Pass	9000
12000	26000	1	RMS	25940.996	-28.35	-25	Pass	14000



**1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, 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	0.009	-48.74	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.46	-25	Pass	2985
30	1000	0.1	RMS	947.695	-54.4	-25	Pass	9700
1000	2490	1	RMS	2463.983	-39.29	-25	Pass	1490
2490	2580	1	RMS	2569.2	23.38	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.07	-25	Pass	9000
12000	26000	1	RMS	25944.996	-28.45	-25	Pass	14000



**1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, 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	-49.92	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.98	-25	Pass	2985
30	1000	0.1	RMS	908.391	-54.43	-25	Pass	9700
1000	2490	1	RMS	2482.995	-38.76	-25	Pass	1490
2490	2580	1	RMS	2501.1	24.22	60	Pass	601
2580	3000	1	RMS	2839.7	-37.97	-25	Pass	601
3000	12000	1	RMS	11916.991	-45.07	-25	Pass	9000
12000	26000	1	RMS	25953.997	-28.42	-25	Pass	14000



**1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, 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	0.011	-50.59	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.3	-25	Pass	2985
30	1000	0.1	RMS	971.497	-54.54	-25	Pass	9700
1000	2490	1	RMS	2482.995	-31.25	-25	Pass	1490
2490	2580	1	RMS	2518.95	24.16	60	Pass	601
2580	3000	1	RMS	2839.7	-37.97	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25935.995	-28.44	-25	Pass	14000



**1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, 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	0.009	-50.5	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.2	-25	Pass	2985
30	1000	0.1	RMS	902.39	-54.4	-25	Pass	9700
1000	2490	1	RMS	2482.995	-39.03	-25	Pass	1490
2490	2580	1	RMS	2501.1	23.44	60	Pass	601
2580	3000	1	RMS	2841.1	-38.02	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.19	-25	Pass	9000
12000	26000	1	RMS	25959.997	-28.53	-25	Pass	14000





**1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, 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	-48.95	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.35	-25	Pass	2985
30	1000	0.1	RMS	899.39	-54.58	-25	Pass	9700
1000	2490	1	RMS	2482.995	-32.52	-25	Pass	1490
2490	2580	1	RMS	2518.95	23.42	60	Pass	601
2580	3000	1	RMS	2840.4	-37.99	-25	Pass	601
3000	12000	1	RMS	11906.99	-45.13	-25	Pass	9000
12000	26000	1	RMS	25941.996	-28.35	-25	Pass	14000



**1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, 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	0.009	-49.97	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.31	-25	Pass	2985
30	1000	0.1	RMS	989.999	-54.41	-25	Pass	9700
1000	2490	1	RMS	2490	-36.68	-25	Pass	1490
2490	2580	1	RMS	2526.15	24.1	60	Pass	601
2580	3000	1	RMS	2840.4	-37.96	-25	Pass	601
3000	12000	1	RMS	11911.99	-44.98	-25	Pass	9000
12000	26000	1	RMS	25990.999	-28.54	-25	Pass	14000



**1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, 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	-50.51	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.61	-25	Pass	2985
30	1000	0.1	RMS	897.289	-54.45	-25	Pass	9700
1000	2490	1	RMS	2458.979	-39.38	-25	Pass	1490
2490	2580	1	RMS	2543.85	24.1	60	Pass	601
2580	3000	1	RMS	2840.4	-37.95	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.19	-25	Pass	9000
12000	26000	1	RMS	25944.996	-28.47	-25	Pass	14000



**1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, 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	0.009	-50.13	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.38	-25	Pass	2985
30	1000	0.1	RMS	887.888	-54.38	-25	Pass	9700
1000	2490	1	RMS	2490	-37.77	-25	Pass	1490
2490	2580	1	RMS	2526.15	23.18	60	Pass	601
2580	3000	1	RMS	2840.4	-38	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.14	-25	Pass	9000
12000	26000	1	RMS	25966.998	-28.52	-25	Pass	14000



**1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, 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	-50.01	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.4	-25	Pass	2985
30	1000	0.1	RMS	996.1	-54.58	-25	Pass	9700
1000	2490	1	RMS	2462.982	-39.27	-25	Pass	1490
2490	2580	1	RMS	2543.85	23.25	60	Pass	601
2580	3000	1	RMS	2669.6	-38	-25	Pass	601
3000	12000	1	RMS	11905.99	-45.22	-25	Pass	9000
12000	26000	1	RMS	25928.995	-28.46	-25	Pass	14000



**1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, 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	0.01	-49.95	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.79	-25	Pass	2985
30	1000	0.1	RMS	997.5	-54.6	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.4	-25	Pass	1490
2490	2580	1	RMS	2551.05	24.07	60	Pass	601
2580	3000	1	RMS	2587	-28.95	-25	Pass	601
3000	12000	1	RMS	11901.989	-45.09	-25	Pass	9000
12000	26000	1	RMS	25954.997	-28.57	-25	Pass	14000



**1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, 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	-50.57	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.18	-25	Pass	2985
30	1000	0.1	RMS	979.398	-54.35	-25	Pass	9700
1000	2490	1	RMS	2451.974	-39.39	-25	Pass	1490
2490	2580	1	RMS	2568.9	24.11	60	Pass	601
2580	3000	1	RMS	2839.7	-38.01	-25	Pass	601
3000	12000	1	RMS	11907.99	-44.94	-25	Pass	9000
12000	26000	1	RMS	25939.996	-28.46	-25	Pass	14000



**1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, 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	-49.69	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.69	-25	Pass	2985
30	1000	0.1	RMS	991.099	-54.57	-25	Pass	9700
1000	2490	1	RMS	2457.979	-39.44	-25	Pass	1490
2490	2580	1	RMS	2551.05	23.11	60	Pass	601
2580	3000	1	RMS	2587	-30.48	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25977.998	-28.48	-25	Pass	14000





**1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, 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	-49.74	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.62	-25	Pass	2985
30	1000	0.1	RMS	901.49	-54.53	-25	Pass	9700
1000	2490	1	RMS	2418.952	-39.45	-25	Pass	1490
2490	2580	1	RMS	2568.9	23.14	60	Pass	601
2580	3000	1	RMS	2840.4	-38.01	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.11	-25	Pass	9000
12000	26000	1	RMS	25950.997	-28.4	-25	Pass	14000



END