

# 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	0.011	-50.49	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.21	-25	Pass	2985
30	1000	0.1	RMS	903.59	-54.58	-25	Pass	9700
1000	2490	1	RMS	2417.952	-39.43	-25	Pass	1490
2490	2580	1	RMS	2500.35	24.42	60	Pass	601
2580	3000	1	RMS	2841.1	-38.02	-25	Pass	601
3000	12000	1	RMS	11904.989	-45.15	-25	Pass	9000
12000	26000	1	RMS	25936.996	-28.57	-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	0.009	-50.37	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.6	-25	Pass	2985
30	1000	0.1	RMS	908.391	-54.41	-25	Pass	9700
1000	2490	1	RMS	2460.981	-39.44	-25	Pass	1490
2490	2580	1	RMS	2504.7	24.33	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11904.989	-45.13	-25	Pass	9000
12000	26000	1	RMS	25974.998	-28.68	-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	-49.42	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.32	-25	Pass	2985
30	1000	0.1	RMS	905.89	-54.46	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.42	-25	Pass	1490
2490	2580	1	RMS	2500.35	23.48	60	Pass	601
2580	3000	1	RMS	2839.7	-37.97	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.07	-25	Pass	9000
12000	26000	1	RMS	25974.998	-28.52	-25	Pass	14000



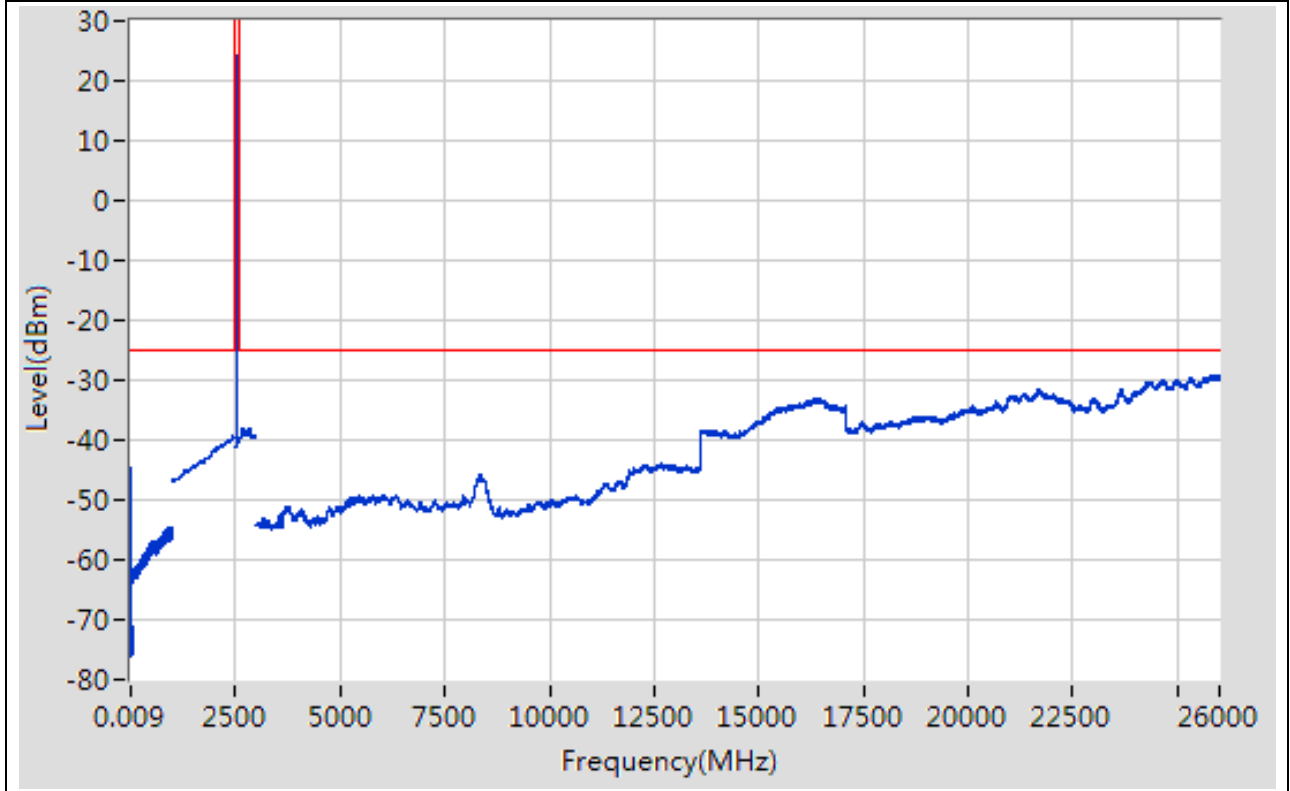
**1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

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	-50.28	-25	Pass	601
0.15	30	0.01	RMS	0.15	-46.32	-25	Pass	2985
30	1000	0.1	RMS	910.691	-54.49	-25	Pass	9700
1000	2490	1	RMS	2417.952	-39.44	-25	Pass	1490
2490	2580	1	RMS	2504.7	23.41	60	Pass	601
2580	3000	1	RMS	2839.7	-37.96	-25	Pass	601
3000	12000	1	RMS	11902.989	-45.07	-25	Pass	9000
12000	26000	1	RMS	25962.997	-28.47	-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	0.009	-50.35	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.77	-25	Pass	2985
30	1000	0.1	RMS	975.497	-54.53	-25	Pass	9700
1000	2490	1	RMS	2420.954	-39.41	-25	Pass	1490
2490	2580	1	RMS	2532.9	24.36	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.19	-25	Pass	9000
12000	26000	1	RMS	25953.997	-29.17	-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	0.011	-49.76	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.38	-25	Pass	2985
30	1000	0.1	RMS	954.695	-54.36	-25	Pass	9700
1000	2490	1	RMS	2420.954	-39.45	-25	Pass	1490
2490	2580	1	RMS	2537.1	24.37	60	Pass	601
2580	3000	1	RMS	2840.4	-37.94	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.16	-25	Pass	9000
12000	26000	1	RMS	25977.998	-28.46	-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	0.01	-50.2	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.88	-25	Pass	2985
30	1000	0.1	RMS	984.298	-54.25	-25	Pass	9700
1000	2490	1	RMS	2466.985	-39.43	-25	Pass	1490
2490	2580	1	RMS	2532.9	23.5	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.17	-25	Pass	9000
12000	26000	1	RMS	25968.998	-28.44	-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	-51.02	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.94	-25	Pass	2985
30	1000	0.1	RMS	897.389	-54.53	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.43	-25	Pass	1490
2490	2580	1	RMS	2537.1	23.55	60	Pass	601
2580	3000	1	RMS	2840.4	-37.95	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.05	-25	Pass	9000
12000	26000	1	RMS	25974.998	-28.53	-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	-50.35	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.9	-25	Pass	2985
30	1000	0.1	RMS	999.7	-54.59	-25	Pass	9700
1000	2490	1	RMS	2455.977	-39.46	-25	Pass	1490
2490	2580	1	RMS	2565.45	24.3	60	Pass	601
2580	3000	1	RMS	2839.7	-37.95	-25	Pass	601
3000	12000	1	RMS	11898.989	-45.18	-25	Pass	9000
12000	26000	1	RMS	25934.995	-28.58	-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	0.009	-49.92	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.85	-25	Pass	2985
30	1000	0.1	RMS	903.09	-54.48	-25	Pass	9700
1000	2490	1	RMS	2452.975	-39.45	-25	Pass	1490
2490	2580	1	RMS	2569.65	24.12	60	Pass	601
2580	3000	1	RMS	2839.7	-37.95	-25	Pass	601
3000	12000	1	RMS	11901.989	-45.17	-25	Pass	9000
12000	26000	1	RMS	25982.999	-28.55	-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	-50.53	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.38	-25	Pass	2985
30	1000	0.1	RMS	961.196	-54.32	-25	Pass	9700
1000	2490	1	RMS	2473.989	-39.45	-25	Pass	1490
2490	2580	1	RMS	2565.3	23.71	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.06	-25	Pass	9000
12000	26000	1	RMS	25995	-28.62	-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	-50.76	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.2	-25	Pass	2985
30	1000	0.1	RMS	987.799	-54.03	-25	Pass	9700
1000	2490	1	RMS	2450.974	-39.45	-25	Pass	1490
2490	2580	1	RMS	2569.65	23.62	60	Pass	601
2580	3000	1	RMS	2840.4	-38	-25	Pass	601
3000	12000	1	RMS	11907.99	-45.15	-25	Pass	9000
12000	26000	1	RMS	25915.994	-28.56	-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	0.01	-50.15	-25	Pass	601
0.15	30	0.01	RMS	0.15	-46.31	-25	Pass	2985
30	1000	0.1	RMS	914.991	-54.53	-25	Pass	9700
1000	2490	1	RMS	2482.995	-37.05	-25	Pass	1490
2490	2580	1	RMS	2500.65	24.42	60	Pass	601
2580	3000	1	RMS	2839.7	-37.96	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.08	-25	Pass	9000
12000	26000	1	RMS	25974.998	-28.6	-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	0.011	-50.02	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.98	-25	Pass	2985
30	1000	0.1	RMS	972.797	-54.48	-25	Pass	9700
1000	2490	1	RMS	2490	-39.32	-25	Pass	1490
2490	2580	1	RMS	2509.35	24.34	60	Pass	601
2580	3000	1	RMS	2840.4	-38	-25	Pass	601
3000	12000	1	RMS	11906.99	-45.01	-25	Pass	9000
12000	26000	1	RMS	25953.997	-28.41	-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	-50.07	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.43	-25	Pass	2985
30	1000	0.1	RMS	966.797	-54.45	-25	Pass	9700
1000	2490	1	RMS	2482.995	-37.57	-25	Pass	1490
2490	2580	1	RMS	2500.65	23.64	60	Pass	601
2580	3000	1	RMS	2839.7	-37.97	-25	Pass	601
3000	12000	1	RMS	11916.991	-45.02	-25	Pass	9000
12000	26000	1	RMS	25953.997	-28.46	-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	0.011	-50.69	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.8	-25	Pass	2985
30	1000	0.1	RMS	994.899	-54.57	-25	Pass	9700
1000	2490	1	RMS	2490	-39.42	-25	Pass	1490
2490	2580	1	RMS	2509.5	23.51	60	Pass	601
2580	3000	1	RMS	2840.4	-37.99	-25	Pass	601
3000	12000	1	RMS	11916.991	-45.04	-25	Pass	9000
12000	26000	1	RMS	25941.996	-28.5	-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	-50.01	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.59	-25	Pass	2985
30	1000	0.1	RMS	980.898	-54.32	-25	Pass	9700
1000	2490	1	RMS	2425.957	-39.44	-25	Pass	1490
2490	2580	1	RMS	2530.65	24.35	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11909.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25973.998	-28.55	-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	0.01	-49.83	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.2	-25	Pass	2985
30	1000	0.1	RMS	898.19	-54.54	-25	Pass	9700
1000	2490	1	RMS	2424.956	-39.41	-25	Pass	1490
2490	2580	1	RMS	2539.35	24.49	60	Pass	601
2580	3000	1	RMS	2839.7	-38.01	-25	Pass	601
3000	12000	1	RMS	11901.989	-45.14	-25	Pass	9000
12000	26000	1	RMS	25954.997	-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	0.011	-50.62	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.15	-25	Pass	2985
30	1000	0.1	RMS	905.39	-54.42	-25	Pass	9700
1000	2490	1	RMS	2425.957	-39.44	-25	Pass	1490
2490	2580	1	RMS	2530.65	23.41	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.06	-25	Pass	9000
12000	26000	1	RMS	25952.997	-28.52	-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	0.011	-50.65	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.74	-25	Pass	2985
30	1000	0.1	RMS	984.198	-54.51	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.43	-25	Pass	1490
2490	2580	1	RMS	2539.35	23.53	60	Pass	601
2580	3000	1	RMS	2841.1	-38.02	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.07	-25	Pass	9000
12000	26000	1	RMS	25318.951	-28.49	-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	-50.32	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.39	-25	Pass	2985
30	1000	0.1	RMS	983.898	-54.47	-25	Pass	9700
1000	2490	1	RMS	2460.981	-39.44	-25	Pass	1490
2490	2580	1	RMS	2560.65	24.42	60	Pass	601
2580	3000	1	RMS	2840.4	-38.01	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.05	-25	Pass	9000
12000	26000	1	RMS	25980.999	-28.57	-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	-50.75	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.75	-25	Pass	2985
30	1000	0.1	RMS	970.197	-54.39	-25	Pass	9700
1000	2490	1	RMS	2463.983	-39.45	-25	Pass	1490
2490	2580	1	RMS	2569.35	24.18	60	Pass	601
2580	3000	1	RMS	2587	-36.49	-25	Pass	601
3000	12000	1	RMS	11916.991	-45.11	-25	Pass	9000
12000	26000	1	RMS	25980.999	-28.56	-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	0.009	-50.36	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.34	-25	Pass	2985
30	1000	0.1	RMS	918.092	-54.58	-25	Pass	9700
1000	2490	1	RMS	2447.972	-39.45	-25	Pass	1490
2490	2580	1	RMS	2560.65	23.6	60	Pass	601
2580	3000	1	RMS	2840.4	-37.96	-25	Pass	601
3000	12000	1	RMS	11907.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25956.997	-28.49	-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	-49.69	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45	-25	Pass	2985
30	1000	0.1	RMS	999	-54.27	-25	Pass	9700
1000	2490	1	RMS	2461.981	-39.45	-25	Pass	1490
2490	2580	1	RMS	2569.35	23.56	60	Pass	601
2580	3000	1	RMS	2587	-37.51	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.14	-25	Pass	9000
12000	26000	1	RMS	25970.998	-28.54	-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	-50.68	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.72	-25	Pass	2985
30	1000	0.1	RMS	933.293	-54.5	-25	Pass	9700
1000	2490	1	RMS	2487.999	-33.54	-25	Pass	1490
2490	2580	1	RMS	2500.8	24.4	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11899.989	-45.18	-25	Pass	9000
12000	26000	1	RMS	25955.997	-28.55	-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	-49.42	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.97	-25	Pass	2985
30	1000	0.1	RMS	960.896	-54.51	-25	Pass	9700
1000	2490	1	RMS	2487.999	-27.86	-25	Pass	1490
2490	2580	1	RMS	2514.15	24.4	60	Pass	601
2580	3000	1	RMS	2839.7	-37.94	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.14	-25	Pass	9000
12000	26000	1	RMS	25966.998	-28.48	-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	-49.57	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.46	-25	Pass	2985
30	1000	0.1	RMS	907.39	-54.43	-25	Pass	9700
1000	2490	1	RMS	2487.999	-34.91	-25	Pass	1490
2490	2580	1	RMS	2500.8	23.51	60	Pass	601
2580	3000	1	RMS	2840.4	-38	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.16	-25	Pass	9000
12000	26000	1	RMS	25988.999	-28.6	-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	-49.74	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.83	-25	Pass	2985
30	1000	0.1	RMS	916.491	-54.28	-25	Pass	9700
1000	2490	1	RMS	2487.999	-28.99	-25	Pass	1490
2490	2580	1	RMS	2514.15	23.62	60	Pass	601
2580	3000	1	RMS	2839.7	-37.99	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.14	-25	Pass	9000
12000	26000	1	RMS	25951.997	-28.53	-25	Pass	14000



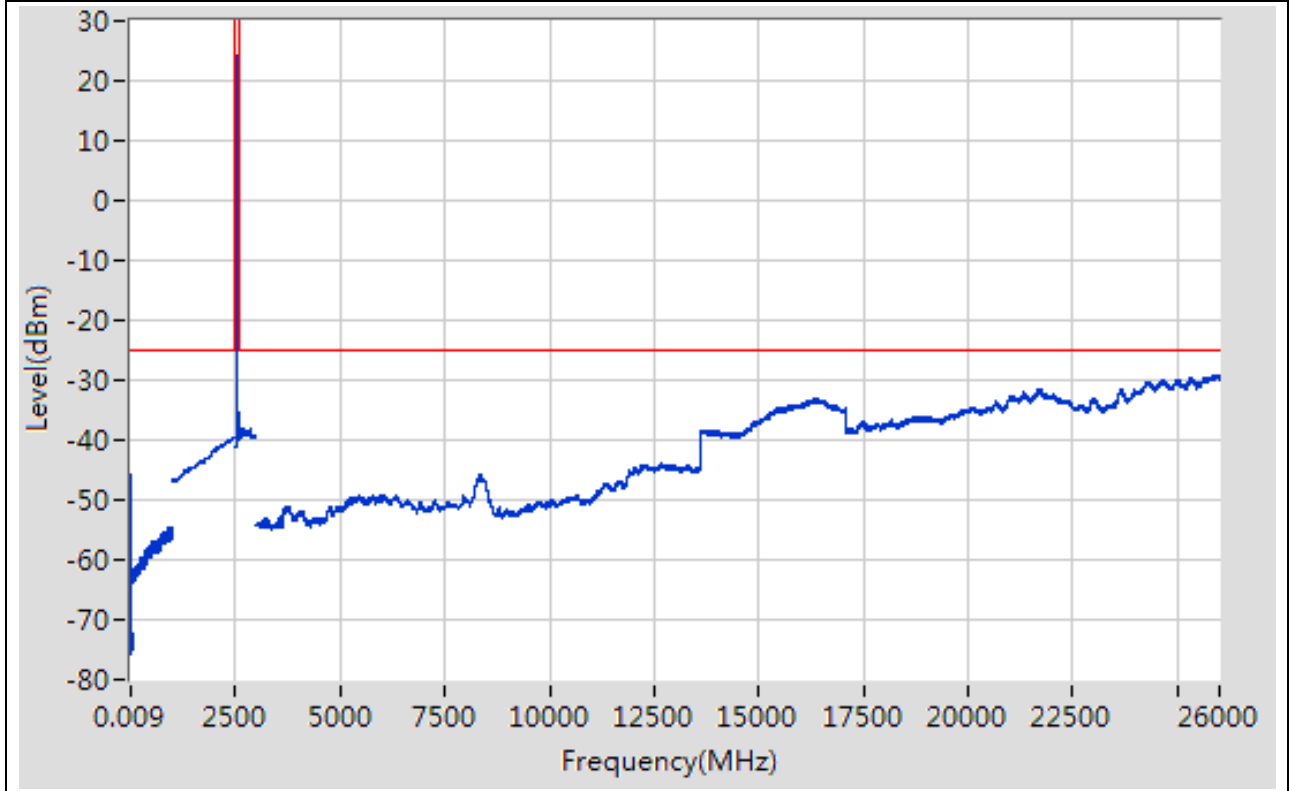
**1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

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	-49.27	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.02	-25	Pass	2985
30	1000	0.1	RMS	997.4	-54.53	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.4	-25	Pass	1490
2490	2580	1	RMS	2528.4	24.24	60	Pass	601
2580	3000	1	RMS	2840.4	-37.96	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.12	-25	Pass	9000
12000	26000	1	RMS	25923.995	-28.46	-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	0.012	-50.28	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.78	-25	Pass	2985
30	1000	0.1	RMS	986.599	-54.5	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.46	-25	Pass	1490
2490	2580	1	RMS	2541.6	24.4	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11907.99	-45.1	-25	Pass	9000
12000	26000	1	RMS	25972.998	-29.28	-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	-49.73	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.95	-25	Pass	2985
30	1000	0.1	RMS	982.798	-54.36	-25	Pass	9700
1000	2490	1	RMS	2453.976	-39.44	-25	Pass	1490
2490	2580	1	RMS	2528.4	23.26	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.2	-25	Pass	9000
12000	26000	1	RMS	25964.998	-28.59	-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	-50.41	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.63	-25	Pass	2985
30	1000	0.1	RMS	904.99	-54.4	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.44	-25	Pass	1490
2490	2580	1	RMS	2541.6	23.46	60	Pass	601
2580	3000	1	RMS	2840.4	-37.99	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.01	-25	Pass	9000
12000	26000	1	RMS	25911.994	-28.55	-25	Pass	14000



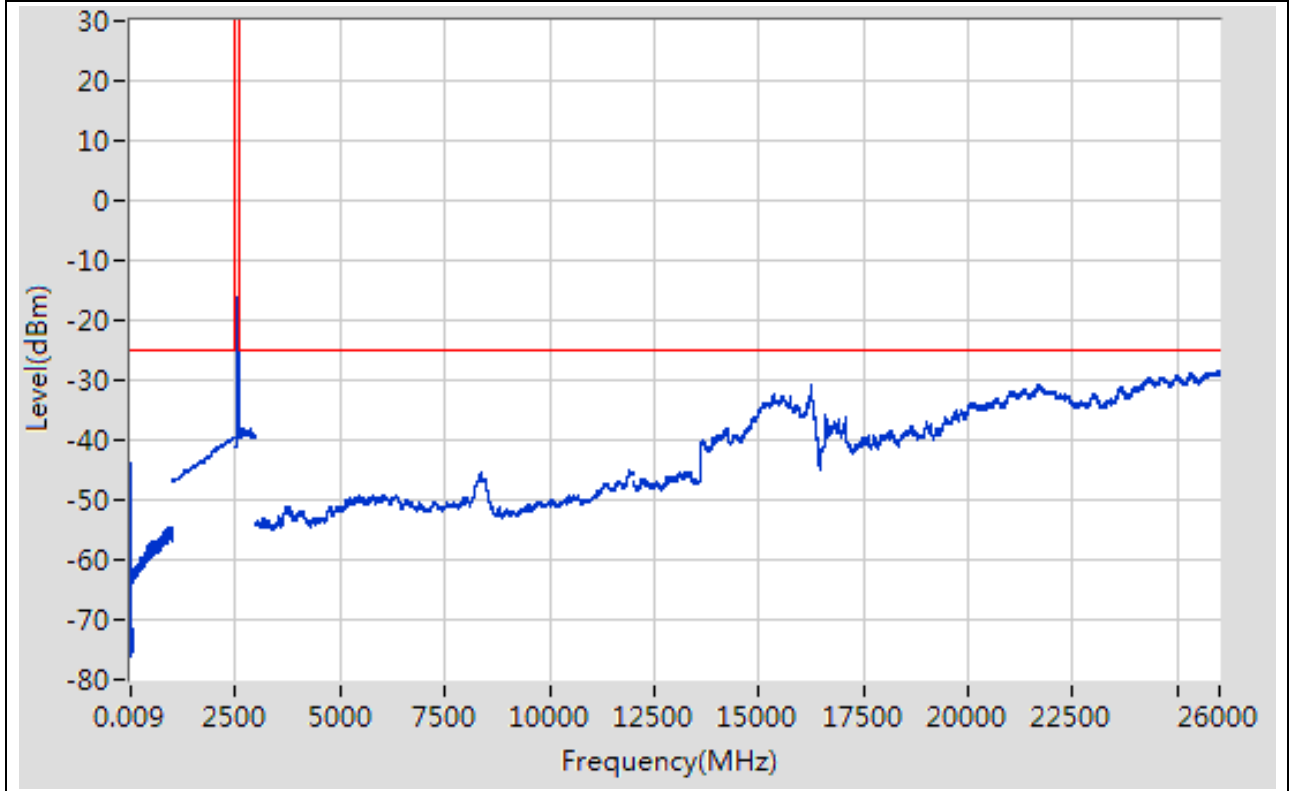
**1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

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	-49.98	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.17	-25	Pass	2985
30	1000	0.1	RMS	891.889	-54.43	-25	Pass	9700
1000	2490	1	RMS	2456.978	-39.38	-25	Pass	1490
2490	2580	1	RMS	2555.85	24.49	60	Pass	601
2580	3000	1	RMS	2582.8	-28.02	-25	Pass	601
3000	12000	1	RMS	11925.992	-45.14	-25	Pass	9000
12000	26000	1	RMS	25955.997	-28.59	-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	0.01	-50.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.03	-25	Pass	2985
30	1000	0.1	RMS	932.993	-54.53	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.43	-25	Pass	1490
2490	2580	1	RMS	2569.2	24.35	60	Pass	601
2580	3000	1	RMS	2582.8	-33.92	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.04	-25	Pass	9000
12000	26000	1	RMS	25953.997	-28.45	-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	-50.41	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.49	-25	Pass	2985
30	1000	0.1	RMS	875.387	-54.46	-25	Pass	9700
1000	2490	1	RMS	2420.954	-39.39	-25	Pass	1490
2490	2580	1	RMS	2555.85	23.48	60	Pass	601
2580	3000	1	RMS	2582.8	-28.81	-25	Pass	601
3000	12000	1	RMS	11918.991	-45.13	-25	Pass	9000
12000	26000	1	RMS	25922.995	-28.46	-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	-50.58	-25	Pass	601
0.15	30	0.01	RMS	0.15	-46.3	-25	Pass	2985
30	1000	0.1	RMS	989.199	-54.46	-25	Pass	9700
1000	2490	1	RMS	2420.954	-39.44	-25	Pass	1490
2490	2580	1	RMS	2569.2	23.58	60	Pass	601
2580	3000	1	RMS	2582.8	-35.14	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.15	-25	Pass	9000
12000	26000	1	RMS	25936.996	-28.49	-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	-50.53	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.97	-25	Pass	2985
30	1000	0.1	RMS	965.296	-54.27	-25	Pass	9700
1000	2490	1	RMS	2482.995	-34.85	-25	Pass	1490
2490	2580	1	RMS	2501.1	24.32	60	Pass	601
2580	3000	1	RMS	2840.4	-37.99	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.13	-25	Pass	9000
12000	26000	1	RMS	25945.996	-28.49	-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	0.01	-51.09	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.8	-25	Pass	2985
30	1000	0.1	RMS	892.589	-54.37	-25	Pass	9700
1000	2490	1	RMS	2482.995	-31.19	-25	Pass	1490
2490	2580	1	RMS	2518.95	24.24	60	Pass	601
2580	3000	1	RMS	2839.7	-37.96	-25	Pass	601
3000	12000	1	RMS	11918.991	-45.18	-25	Pass	9000
12000	26000	1	RMS	25911.994	-28.57	-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	-50.43	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.72	-25	Pass	2985
30	1000	0.1	RMS	980.098	-54.5	-25	Pass	9700
1000	2490	1	RMS	2482.995	-36.31	-25	Pass	1490
2490	2580	1	RMS	2501.1	23.49	60	Pass	601
2580	3000	1	RMS	2839.7	-37.92	-25	Pass	601
3000	12000	1	RMS	11916.991	-45.14	-25	Pass	9000
12000	26000	1	RMS	25958.997	-28.32	-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	0.011	-50.62	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.99	-25	Pass	2985
30	1000	0.1	RMS	901.69	-54.36	-25	Pass	9700
1000	2490	1	RMS	2482.995	-32.81	-25	Pass	1490
2490	2580	1	RMS	2518.95	23.41	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11909.99	-45.13	-25	Pass	9000
12000	26000	1	RMS	25957.997	-28.45	-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	-50.37	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.81	-25	Pass	2985
30	1000	0.1	RMS	998.7	-54.49	-25	Pass	9700
1000	2490	1	RMS	2490	-36.14	-25	Pass	1490
2490	2580	1	RMS	2526.15	24.08	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11898.989	-45.03	-25	Pass	9000
12000	26000	1	RMS	25928.995	-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	0.009	-50.77	-25	Pass	601
0.15	30	0.01	RMS	0.16	-44.97	-25	Pass	2985
30	1000	0.1	RMS	892.789	-54.44	-25	Pass	9700
1000	2490	1	RMS	2420.954	-39.43	-25	Pass	1490
2490	2580	1	RMS	2543.85	24.26	60	Pass	601
2580	3000	1	RMS	2580	-37.89	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.02	-25	Pass	9000
12000	26000	1	RMS	25966.998	-28.53	-25	Pass	14000



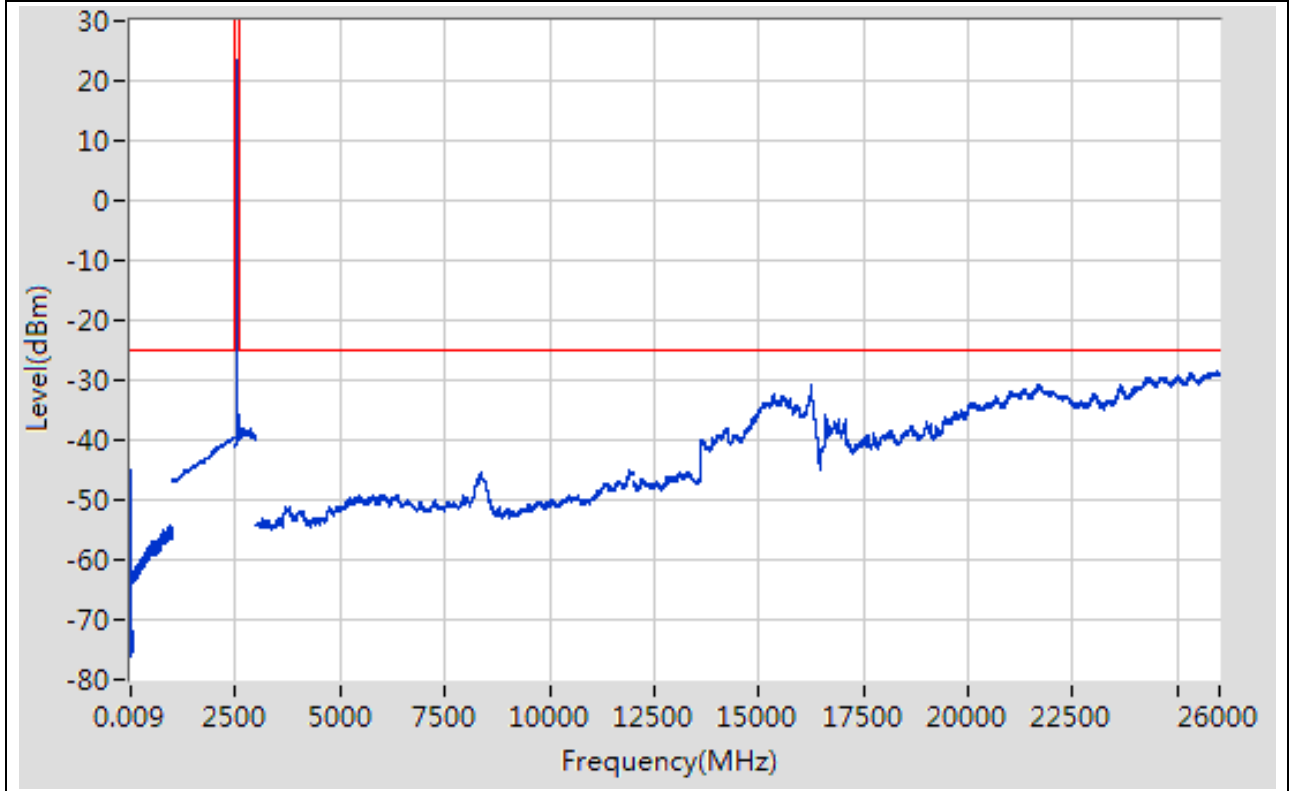
**1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

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	0.01	-49.8	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.06	-25	Pass	2985
30	1000	0.1	RMS	977.698	-54.4	-25	Pass	9700
1000	2490	1	RMS	2490	-37.56	-25	Pass	1490
2490	2580	1	RMS	2526.15	23.06	60	Pass	601
2580	3000	1	RMS	2839.7	-38	-25	Pass	601
3000	12000	1	RMS	11905.99	-45.1	-25	Pass	9000
12000	26000	1	RMS	25965.998	-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	-49.37	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.08	-25	Pass	2985
30	1000	0.1	RMS	913.491	-54.41	-25	Pass	9700
1000	2490	1	RMS	2449.973	-39.46	-25	Pass	1490
2490	2580	1	RMS	2543.85	23.27	60	Pass	601
2580	3000	1	RMS	2840.4	-37.97	-25	Pass	601
3000	12000	1	RMS	11895.988	-45.14	-25	Pass	9000
12000	26000	1	RMS	25924.995	-28.54	-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	-50.69	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.49	-25	Pass	2985
30	1000	0.1	RMS	993.699	-54.25	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.44	-25	Pass	1490
2490	2580	1	RMS	2551.05	24.24	60	Pass	601
2580	3000	1	RMS	2587	-29.84	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.09	-25	Pass	9000
12000	26000	1	RMS	26000	-28.48	-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	-49.61	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.51	-25	Pass	2985
30	1000	0.1	RMS	918.292	-54.53	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.43	-25	Pass	1490
2490	2580	1	RMS	2568.9	24.21	60	Pass	601
2580	3000	1	RMS	2587	-35.35	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.14	-25	Pass	9000
12000	26000	1	RMS	25996	-28.58	-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	-51.1	-25	Pass	601
0.15	30	0.01	RMS	0.15	-46.45	-25	Pass	2985
30	1000	0.1	RMS	898.089	-54.63	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.45	-25	Pass	1490
2490	2580	1	RMS	2551.05	23.19	60	Pass	601
2580	3000	1	RMS	2587	-31.46	-25	Pass	601
3000	12000	1	RMS	11907.99	-45.13	-25	Pass	9000
12000	26000	1	RMS	25954.997	-28.63	-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	-50.49	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.2	-25	Pass	2985
30	1000	0.1	RMS	892.489	-54.43	-25	Pass	9700
1000	2490	1	RMS	2418.952	-39.37	-25	Pass	1490
2490	2580	1	RMS	2568.9	23.28	60	Pass	601
2580	3000	1	RMS	2587	-36.08	-25	Pass	601
3000	12000	1	RMS	11902.989	-45.2	-25	Pass	9000
12000	26000	1	RMS	25979.999	-28.53	-25	Pass	14000



END