

# 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	-49.24	-25	Pass	601
0.15	30	0.01	RMS	0.16	-44.63	-25	Pass	2985
30	1000	0.1	RMS	995.7	-54.67	-25	Pass	9700
1000	2490	1	RMS	2418.952	-39.43	-25	Pass	1490
2490	2580	1	RMS	2500.35	23.74	60	Pass	601
2580	3000	1	RMS	2839.7	-38.01	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.16	-25	Pass	9000
12000	26000	1	RMS	25937.996	-28.07	-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	-49.87	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.69	-25	Pass	2985
30	1000	0.1	RMS	891.489	-54.69	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.42	-25	Pass	1490
2490	2580	1	RMS	2504.7	23.67	60	Pass	601
2580	3000	1	RMS	2839.7	-37.98	-25	Pass	601
3000	12000	1	RMS	11907.99	-45.28	-25	Pass	9000
12000	26000	1	RMS	25968.998	-28.84	-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	-50.82	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.58	-25	Pass	2985
30	1000	0.1	RMS	894.189	-54.65	-25	Pass	9700
1000	2490	1	RMS	2412.948	-39.32	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.86	60	Pass	601
2580	3000	1	RMS	2839.7	-37.96	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.25	-25	Pass	9000
12000	26000	1	RMS	25967.998	-28.77	-25	Pass	14000



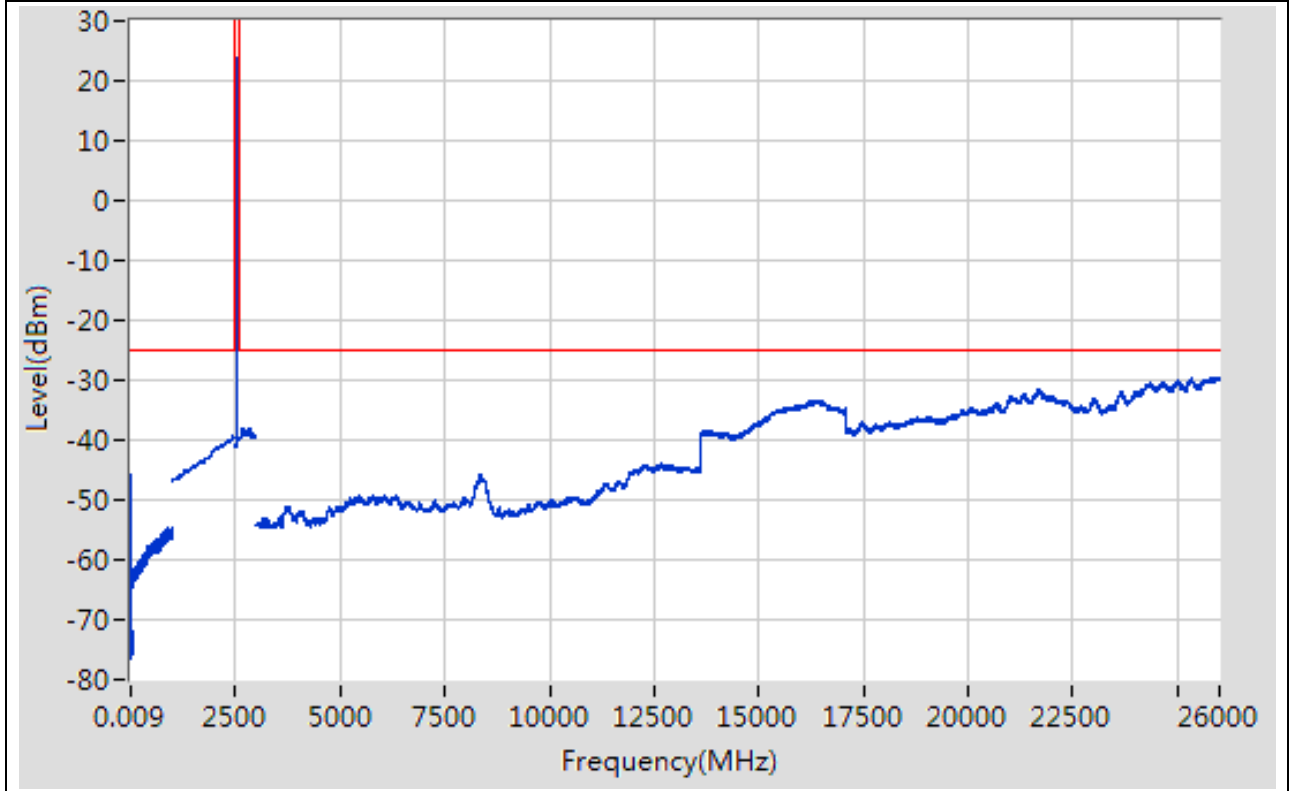
### 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	0.01	-50.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.81	-25	Pass	2985
30	1000	0.1	RMS	988.699	-54.58	-25	Pass	9700
1000	2490	1	RMS	2461.981	-39.41	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.84	60	Pass	601
2580	3000	1	RMS	2839.7	-37.91	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.3	-25	Pass	9000
12000	26000	1	RMS	25957.997	-28.76	-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	-49.84	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.64	-25	Pass	2985
30	1000	0.1	RMS	984.798	-54.52	-25	Pass	9700
1000	2490	1	RMS	2412.948	-39.07	-25	Pass	1490
2490	2580	1	RMS	2532.9	23.68	60	Pass	601
2580	3000	1	RMS	2839.7	-37.94	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.25	-25	Pass	9000
12000	26000	1	RMS	25939.996	-29.49	-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	-50.43	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.72	-25	Pass	2985
30	1000	0.1	RMS	997	-54.46	-25	Pass	9700
1000	2490	1	RMS	2418.952	-39.4	-25	Pass	1490
2490	2580	1	RMS	2537.1	23.67	60	Pass	601
2580	3000	1	RMS	2839.7	-37.94	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.22	-25	Pass	9000
12000	26000	1	RMS	25941.996	-28.76	-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	-50.12	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.75	-25	Pass	2985
30	1000	0.1	RMS	986.099	-54.45	-25	Pass	9700
1000	2490	1	RMS	2418.952	-39.4	-25	Pass	1490
2490	2580	1	RMS	2532.9	22.87	60	Pass	601
2580	3000	1	RMS	2839.7	-37.92	-25	Pass	601
3000	12000	1	RMS	11905.99	-45.18	-25	Pass	9000
12000	26000	1	RMS	25959.997	-28.77	-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	-49.67	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.09	-25	Pass	2985
30	1000	0.1	RMS	899.69	-54.39	-25	Pass	9700
1000	2490	1	RMS	2428.959	-39.39	-25	Pass	1490
2490	2580	1	RMS	2537.1	22.89	60	Pass	601
2580	3000	1	RMS	2840.4	-37.94	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25935.995	-28.76	-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	0.011	-50.2	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.97	-25	Pass	2985
30	1000	0.1	RMS	871.887	-54.33	-25	Pass	9700
1000	2490	1	RMS	2413.949	-38.85	-25	Pass	1490
2490	2580	1	RMS	2565.3	23.7	60	Pass	601
2580	3000	1	RMS	2840.4	-37.95	-25	Pass	601
3000	12000	1	RMS	11902.989	-45.22	-25	Pass	9000
12000	26000	1	RMS	25948.996	-28.76	-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	-50.2	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.81	-25	Pass	2985
30	1000	0.1	RMS	996.4	-54.28	-25	Pass	9700
1000	2490	1	RMS	2409.946	-39.41	-25	Pass	1490
2490	2580	1	RMS	2569.65	23.23	60	Pass	601
2580	3000	1	RMS	2839.7	-37.91	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.15	-25	Pass	9000
12000	26000	1	RMS	25979.999	-28.73	-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	0.012	-50	-25	Pass	601
0.15	30	0.01	RMS	0.16	-44.86	-25	Pass	2985
30	1000	0.1	RMS	989.599	-54.19	-25	Pass	9700
1000	2490	1	RMS	2414.95	-39.37	-25	Pass	1490
2490	2580	1	RMS	2565.3	22.66	60	Pass	601
2580	3000	1	RMS	2839.7	-37.91	-25	Pass	601
3000	12000	1	RMS	11909.99	-45.16	-25	Pass	9000
12000	26000	1	RMS	25963.997	-28.72	-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	0.009	-49.83	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.22	-25	Pass	2985
30	1000	0.1	RMS	913.491	-54.44	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.37	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.32	60	Pass	601
2580	3000	1	RMS	2839.7	-37.94	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.15	-25	Pass	9000
12000	26000	1	RMS	25958.997	-28.68	-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	-49.39	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.14	-25	Pass	2985
30	1000	0.1	RMS	989.799	-54.5	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.35	-25	Pass	1490
2490	2580	1	RMS	2500.65	23.26	60	Pass	601
2580	3000	1	RMS	2839	-37.92	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.29	-25	Pass	9000
12000	26000	1	RMS	25926.995	-28.67	-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	-49.82	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.3	-25	Pass	2985
30	1000	0.1	RMS	907.59	-54.38	-25	Pass	9700
1000	2490	1	RMS	2488.999	-39.05	-25	Pass	1490
2490	2580	1	RMS	2509.35	23.3	60	Pass	601
2580	3000	1	RMS	2840.4	-37.92	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.19	-25	Pass	9000
12000	26000	1	RMS	25950.997	-28.62	-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	-50.27	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.17	-25	Pass	2985
30	1000	0.1	RMS	884.988	-54.39	-25	Pass	9700
1000	2490	1	RMS	2482.995	-39.33	-25	Pass	1490
2490	2580	1	RMS	2500.65	22.41	60	Pass	601
2580	3000	1	RMS	2839.7	-37.9	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.27	-25	Pass	9000
12000	26000	1	RMS	25984.999	-28.64	-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	-50.59	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.85	-25	Pass	2985
30	1000	0.1	RMS	922.892	-54.1	-25	Pass	9700
1000	2490	1	RMS	2490	-39.13	-25	Pass	1490
2490	2580	1	RMS	2509.35	22.68	60	Pass	601
2580	3000	1	RMS	2839.7	-37.86	-25	Pass	601
3000	12000	1	RMS	11905.99	-45.12	-25	Pass	9000
12000	26000	1	RMS	25940.996	-28.65	-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	-50.87	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.26	-25	Pass	2985
30	1000	0.1	RMS	997.8	-54.14	-25	Pass	9700
1000	2490	1	RMS	2411.948	-39.23	-25	Pass	1490
2490	2580	1	RMS	2530.65	23.53	60	Pass	601
2580	3000	1	RMS	2840.4	-37.89	-25	Pass	601
3000	12000	1	RMS	11916.991	-45.25	-25	Pass	9000
12000	26000	1	RMS	25950.997	-28.65	-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	-49.9	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.26	-25	Pass	2985
30	1000	0.1	RMS	995.8	-54.61	-25	Pass	9700
1000	2490	1	RMS	2410.947	-39.01	-25	Pass	1490
2490	2580	1	RMS	2539.5	23.53	60	Pass	601
2580	3000	1	RMS	2840.4	-37.89	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.19	-25	Pass	9000
12000	26000	1	RMS	25933.995	-28.66	-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	0.009	-49.31	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.83	-25	Pass	2985
30	1000	0.1	RMS	975.497	-54.54	-25	Pass	9700
1000	2490	1	RMS	2411.948	-39.17	-25	Pass	1490
2490	2580	1	RMS	2530.65	22.67	60	Pass	601
2580	3000	1	RMS	2839.7	-37.85	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.1	-25	Pass	9000
12000	26000	1	RMS	25923.995	-28.68	-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	-50.05	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.94	-25	Pass	2985
30	1000	0.1	RMS	988.999	-54.25	-25	Pass	9700
1000	2490	1	RMS	2421.954	-39.32	-25	Pass	1490
2490	2580	1	RMS	2539.35	22.74	60	Pass	601
2580	3000	1	RMS	2839.7	-37.89	-25	Pass	601
3000	12000	1	RMS	11902.989	-45.16	-25	Pass	9000
12000	26000	1	RMS	25944.996	-28.67	-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	-49.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.14	-25	Pass	2985
30	1000	0.1	RMS	951.595	-54.32	-25	Pass	9700
1000	2490	1	RMS	2422.955	-39.33	-25	Pass	1490
2490	2580	1	RMS	2560.65	23.24	60	Pass	601
2580	3000	1	RMS	2839.7	-37.88	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.16	-25	Pass	9000
12000	26000	1	RMS	25939.996	-28.62	-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	0.009	-49.05	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.91	-25	Pass	2985
30	1000	0.1	RMS	901.49	-54.44	-25	Pass	9700
1000	2490	1	RMS	2409.946	-39.2	-25	Pass	1490
2490	2580	1	RMS	2569.35	23.29	60	Pass	601
2580	3000	1	RMS	2587	-37.84	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.17	-25	Pass	9000
12000	26000	1	RMS	25963.997	-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	0.009	-49.83	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.44	-25	Pass	2985
30	1000	0.1	RMS	970.497	-54.51	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.33	-25	Pass	1490
2490	2580	1	RMS	2560.65	22.33	60	Pass	601
2580	3000	1	RMS	2840.4	-37.89	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.19	-25	Pass	9000
12000	26000	1	RMS	25958.997	-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	-49.45	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.74	-25	Pass	2985
30	1000	0.1	RMS	994.399	-54.37	-25	Pass	9700
1000	2490	1	RMS	2423.956	-39.31	-25	Pass	1490
2490	2580	1	RMS	2569.35	22.37	60	Pass	601
2580	3000	1	RMS	2839.7	-37.9	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.19	-25	Pass	9000
12000	26000	1	RMS	25975.998	-28.63	-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	0.011	-50.61	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.74	-25	Pass	2985
30	1000	0.1	RMS	958.596	-54.46	-25	Pass	9700
1000	2490	1	RMS	2487.999	-38.6	-25	Pass	1490
2490	2580	1	RMS	2500.8	23.21	60	Pass	601
2580	3000	1	RMS	2839.7	-37.89	-25	Pass	601
3000	12000	1	RMS	11921.991	-45.16	-25	Pass	9000
12000	26000	1	RMS	25975.998	-28.68	-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	-50.26	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.43	-25	Pass	2985
30	1000	0.1	RMS	996	-54.33	-25	Pass	9700
1000	2490	1	RMS	2487.999	-32.58	-25	Pass	1490
2490	2580	1	RMS	2514.15	23.32	60	Pass	601
2580	3000	1	RMS	2840.4	-37.89	-25	Pass	601
3000	12000	1	RMS	11935.993	-45.23	-25	Pass	9000
12000	26000	1	RMS	25962.997	-28.55	-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	-49.91	-25	Pass	601
0.15	30	0.01	RMS	0.15	-46.04	-25	Pass	2985
30	1000	0.1	RMS	994.499	-54.22	-25	Pass	9700
1000	2490	1	RMS	2487.999	-38.49	-25	Pass	1490
2490	2580	1	RMS	2500.8	22.49	60	Pass	601
2580	3000	1	RMS	2840.4	-37.86	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.13	-25	Pass	9000
12000	26000	1	RMS	25950.997	-28.69	-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	-49.7	-25	Pass	601
0.15	30	0.01	RMS	0.16	-45.06	-25	Pass	2985
30	1000	0.1	RMS	925.292	-54.5	-25	Pass	9700
1000	2490	1	RMS	2487.999	-33.5	-25	Pass	1490
2490	2580	1	RMS	2514.15	22.73	60	Pass	601
2580	3000	1	RMS	2840.4	-37.87	-25	Pass	601
3000	12000	1	RMS	11903.989	-45.18	-25	Pass	9000
12000	26000	1	RMS	25981.999	-28.56	-25	Pass	14000



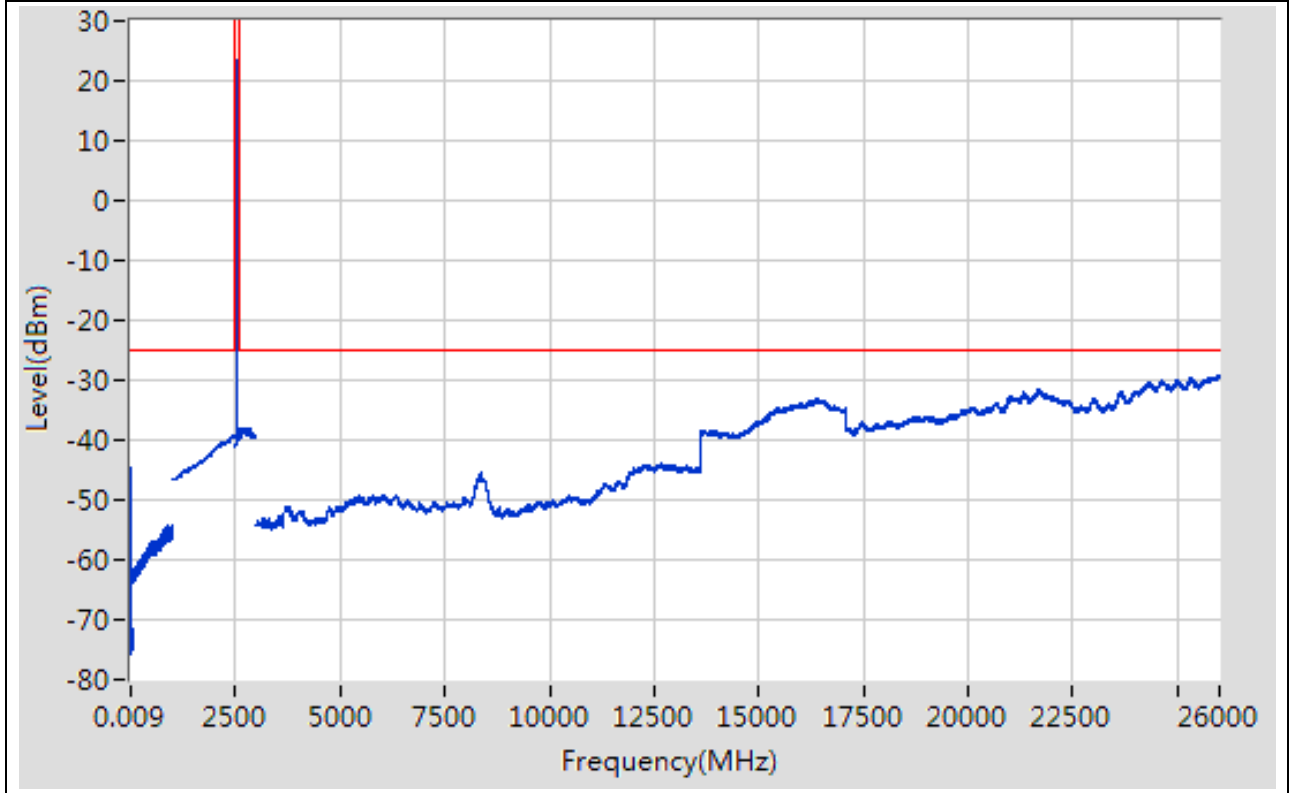
**1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

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	-50.48	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.66	-25	Pass	2985
30	1000	0.1	RMS	894.989	-54.33	-25	Pass	9700
1000	2490	1	RMS	2410.947	-39.28	-25	Pass	1490
2490	2580	1	RMS	2528.4	23.25	60	Pass	601
2580	3000	1	RMS	2840.4	-37.85	-25	Pass	601
3000	12000	1	RMS	11898.989	-45.11	-25	Pass	9000
12000	26000	1	RMS	25969.998	-28.63	-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	0.009	-48.97	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.78	-25	Pass	2985
30	1000	0.1	RMS	905.89	-54.32	-25	Pass	9700
1000	2490	1	RMS	2408.946	-39.27	-25	Pass	1490
2490	2580	1	RMS	2541.6	23.29	60	Pass	601
2580	3000	1	RMS	2839.7	-37.89	-25	Pass	601
3000	12000	1	RMS	11917.991	-45.25	-25	Pass	9000
12000	26000	1	RMS	25977.998	-29.31	-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	-49.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.71	-25	Pass	2985
30	1000	0.1	RMS	904.79	-54.56	-25	Pass	9700
1000	2490	1	RMS	2414.95	-38.59	-25	Pass	1490
2490	2580	1	RMS	2528.4	22.6	60	Pass	601
2580	3000	1	RMS	2840.4	-37.87	-25	Pass	601
3000	12000	1	RMS	11901.989	-45.21	-25	Pass	9000
12000	26000	1	RMS	25939.996	-28.52	-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	-50.21	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.48	-25	Pass	2985
30	1000	0.1	RMS	940.294	-54.32	-25	Pass	9700
1000	2490	1	RMS	2412.948	-39.35	-25	Pass	1490
2490	2580	1	RMS	2541.6	22.19	60	Pass	601
2580	3000	1	RMS	2839.7	-37.85	-25	Pass	601
3000	12000	1	RMS	11911.99	-45.14	-25	Pass	9000
12000	26000	1	RMS	25962.997	-28.62	-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	0.01	-50.73	-25	Pass	601
0.15	30	0.01	RMS	0.15	-46	-25	Pass	2985
30	1000	0.1	RMS	941.394	-54.23	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.33	-25	Pass	1490
2490	2580	1	RMS	2555.85	23.17	60	Pass	601
2580	3000	1	RMS	2582.8	-27.29	-25	Pass	601
3000	12000	1	RMS	11903.989	-45.24	-25	Pass	9000
12000	26000	1	RMS	25950.997	-28.69	-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	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.64	-25	Pass	2985
30	1000	0.1	RMS	999.3	-54.35	-25	Pass	9700
1000	2490	1	RMS	2409.946	-38.89	-25	Pass	1490
2490	2580	1	RMS	2569.2	23.29	60	Pass	601
2580	3000	1	RMS	2582.8	-33.26	-25	Pass	601
3000	12000	1	RMS	11922.991	-45.14	-25	Pass	9000
12000	26000	1	RMS	25979.999	-28.46	-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	0.01	-50.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.74	-25	Pass	2985
30	1000	0.1	RMS	966.697	-54.49	-25	Pass	9700
1000	2490	1	RMS	2410.947	-39.24	-25	Pass	1490
2490	2580	1	RMS	2555.85	22.34	60	Pass	601
2580	3000	1	RMS	2582.8	-28.7	-25	Pass	601
3000	12000	1	RMS	11914.991	-45.15	-25	Pass	9000
12000	26000	1	RMS	25958.997	-28.65	-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	-49.84	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.32	-25	Pass	2985
30	1000	0.1	RMS	895.589	-54.47	-25	Pass	9700
1000	2490	1	RMS	2412.948	-39.11	-25	Pass	1490
2490	2580	1	RMS	2569.2	22.38	60	Pass	601
2580	3000	1	RMS	2582.8	-34.41	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.21	-25	Pass	9000
12000	26000	1	RMS	25974.998	-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	-50.18	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.71	-25	Pass	2985
30	1000	0.1	RMS	949.695	-54.4	-25	Pass	9700
1000	2490	1	RMS	2482.995	-39.18	-25	Pass	1490
2490	2580	1	RMS	2501.1	23.07	60	Pass	601
2580	3000	1	RMS	2839.7	-37.88	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.13	-25	Pass	9000
12000	26000	1	RMS	25967.998	-28.63	-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	-49.63	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.55	-25	Pass	2985
30	1000	0.1	RMS	907.29	-54.36	-25	Pass	9700
1000	2490	1	RMS	2482.995	-38.27	-25	Pass	1490
2490	2580	1	RMS	2518.95	23.08	60	Pass	601
2580	3000	1	RMS	2839.7	-37.84	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.09	-25	Pass	9000
12000	26000	1	RMS	25996	-28.65	-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	-50.26	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.95	-25	Pass	2985
30	1000	0.1	RMS	965.396	-54.28	-25	Pass	9700
1000	2490	1	RMS	2490	-39.27	-25	Pass	1490
2490	2580	1	RMS	2501.1	22.27	60	Pass	601
2580	3000	1	RMS	2840.4	-37.86	-25	Pass	601
3000	12000	1	RMS	11913.99	-45.15	-25	Pass	9000
12000	26000	1	RMS	25983.999	-28.63	-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	-49.17	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.4	-25	Pass	2985
30	1000	0.1	RMS	957.296	-54.25	-25	Pass	9700
1000	2490	1	RMS	2482.995	-38.82	-25	Pass	1490
2490	2580	1	RMS	2518.95	22.27	60	Pass	601
2580	3000	1	RMS	2839.7	-37.85	-25	Pass	601
3000	12000	1	RMS	11910.99	-45.17	-25	Pass	9000
12000	26000	1	RMS	25914.994	-28.48	-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	0.01	-50.81	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.11	-25	Pass	2985
30	1000	0.1	RMS	959.496	-54.43	-25	Pass	9700
1000	2490	1	RMS	2490	-38.95	-25	Pass	1490
2490	2580	1	RMS	2526.15	22.94	60	Pass	601
2580	3000	1	RMS	2840.4	-37.84	-25	Pass	601
3000	12000	1	RMS	11901.989	-45.11	-25	Pass	9000
12000	26000	1	RMS	25954.997	-28.57	-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	-49.49	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.7	-25	Pass	2985
30	1000	0.1	RMS	993.499	-54.42	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.3	-25	Pass	1490
2490	2580	1	RMS	2543.85	22.99	60	Pass	601
2580	3000	1	RMS	2839.7	-37.88	-25	Pass	601
3000	12000	1	RMS	11900.989	-45.12	-25	Pass	9000
12000	26000	1	RMS	25941.996	-28.64	-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	-49.98	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.14	-25	Pass	2985
30	1000	0.1	RMS	967.797	-54.36	-25	Pass	9700
1000	2490	1	RMS	2490	-39.23	-25	Pass	1490
2490	2580	1	RMS	2526.15	21.98	60	Pass	601
2580	3000	1	RMS	2839.7	-37.86	-25	Pass	601
3000	12000	1	RMS	11908.99	-45.15	-25	Pass	9000
12000	26000	1	RMS	25963.997	-28.61	-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	-49.55	-25	Pass	601
0.15	30	0.01	RMS	0.15	-44.9	-25	Pass	2985
30	1000	0.1	RMS	878.487	-54.15	-25	Pass	9700
1000	2490	1	RMS	2438.966	-39.34	-25	Pass	1490
2490	2580	1	RMS	2544	22.45	60	Pass	601
2580	3000	1	RMS	2839.7	-37.86	-25	Pass	601
3000	12000	1	RMS	11906.99	-45.23	-25	Pass	9000
12000	26000	1	RMS	25951.997	-28.57	-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	-50.03	-25	Pass	601
0.15	30	0.01	RMS	0.15	-43.92	-25	Pass	2985
30	1000	0.1	RMS	929.393	-54.19	-25	Pass	9700
1000	2490	1	RMS	2441.968	-39.33	-25	Pass	1490
2490	2580	1	RMS	2551.05	23.55	60	Pass	601
2580	3000	1	RMS	2587	-30.64	-25	Pass	601
3000	12000	1	RMS	11906.99	-45.18	-25	Pass	9000
12000	26000	1	RMS	25945.996	-28.62	-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	-50.23	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.8	-25	Pass	2985
30	1000	0.1	RMS	920.792	-54.34	-25	Pass	9700
1000	2490	1	RMS	2424.956	-39.32	-25	Pass	1490
2490	2580	1	RMS	2568.9	23.13	60	Pass	601
2580	3000	1	RMS	2587	-36.15	-25	Pass	601
3000	12000	1	RMS	11915.991	-45.22	-25	Pass	9000
12000	26000	1	RMS	25978.999	-28.52	-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	0.009	-50.32	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.04	-25	Pass	2985
30	1000	0.1	RMS	905.09	-54.4	-25	Pass	9700
1000	2490	1	RMS	2419.953	-39.31	-25	Pass	1490
2490	2580	1	RMS	2551.05	22.15	60	Pass	601
2580	3000	1	RMS	2587	-33.06	-25	Pass	601
3000	12000	1	RMS	11899.989	-45.19	-25	Pass	9000
12000	26000	1	RMS	25936.996	-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	-50.27	-25	Pass	601
0.15	30	0.01	RMS	0.15	-45.44	-25	Pass	2985
30	1000	0.1	RMS	888.989	-54.35	-25	Pass	9700
1000	2490	1	RMS	2420.954	-39.21	-25	Pass	1490
2490	2580	1	RMS	2568.9	22.28	60	Pass	601
2580	3000	1	RMS	2587	-36.75	-25	Pass	601
3000	12000	1	RMS	11912.99	-45.17	-25	Pass	9000
12000	26000	1	RMS	25970.998	-28.57	-25	Pass	14000



END