

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)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.94	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.54	-25	Pass	2985
30	1000	0.1	RMS	972.097	-56.05	-25	Pass	9700
1000	2490	1	RMS	2427.958	-41.88	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.63	60	Pass	601
2580	3000	1	RMS	2660.5	-40.61	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.86	-25	Pass	9000
12000	26000	1	RMS	25952.997	-30.84	-25	Pass	14000
20- 15- 10- 5- 0- -5- -10- -15- -20- -20- -20- -35- -30- -35- -40- -45- -50- -55- -60- -65- -70- -75- -80-	· · · · · · · · · · · · · · · · · · ·					Mark Mark		



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	-53.68	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.8	-25	Pass	2985
30	1000	0.1	RMS	898.99	-55.86	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.9	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.52	60	Pass	601
2580	3000	1	RMS	2659.8	-40.58	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.86	-25	Pass	9000
12000	26000	1	RMS	25970.998	-30.77	-25	Pass	14000
30-								





-55 --60 --65 --70 --75 --80 -0.009

2000

4000

6000

8000

10000

12000

Frequency(MHz)

14000

16000

18000

20000

22000

24000

26000

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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.53	-25	Pass	60
0.15	30	0.01	RMS	0.15	-51.25	-25	Pass	298
30	1000	0.1	RMS	995.6	-55.72	-25	Pass	970
1000	2490	1	RMS	2488.999	-40.69	-25	Pass	149
2490	2580	1	RMS	2500.35	21.61	60	Pass	60
2580	3000	1	RMS	2659.8	-40.62	-25	Pass	60
3000	12000	1	RMS	11907.99	-48.76	-25	Pass	900
12000	26000	1	RMS	25906.993	-30.75	-25	Pass	1400
25 - 20 - 15 - 10 - 5 - 0 5 10 15 20 25 30 35 40					~~	more	~~~	



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	-53.3	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.35	-25	Pass	2985
30	1000	0.1	RMS	998.6	-55.82	-25	Pass	9700
1000	2490	1	RMS	2428.959	-41.9	-25	Pass	1490
2490	2580	1	RMS	2504.7	21.52	60	Pass	601
2580	3000	1	RMS	2661.2	-40.57	-25	Pass	601
3000	12000	1	RMS	11926.992	-48.87	-25	Pass	9000
12000	26000	1	RMS	25951.997	-30.83	-25	Pass	14000
30-								





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	-53.92	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.5	-25	Pass	2985
30	1000	0.1	RMS	998.2	-56.12	-25	Pass	9700
1000	2490	1	RMS	2424.956	-41.86	-25	Pass	1490
2490	2580	1	RMS	2532.9	22.55	60	Pass	601
2580	3000	1	RMS	2660.5	-40.57	-25	Pass	601
3000	12000	1	RMS	11904.989	-48.88	-25	Pass	9000
12000	26000	1	RMS	25937.996	-34.07	-25	Pass	14000
30- 25- 20- 15- 10-								





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	0.01	-53.72	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.28	-25	Pass	2985
30	1000	0.1	RMS	913.691	-56.15	-25	Pass	9700
1000	2490	1	RMS	2459.98	-41.93	-25	Pass	1490
2490	2580	1	RMS	2537.1	22.56	60	Pass	601
2580	3000	1	RMS	2659.8	-40.56	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.89	-25	Pass	9000
12000	26000	1	RMS	25945.996	-30.75	-25	Pass	14000
30- 25- 20-								





1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

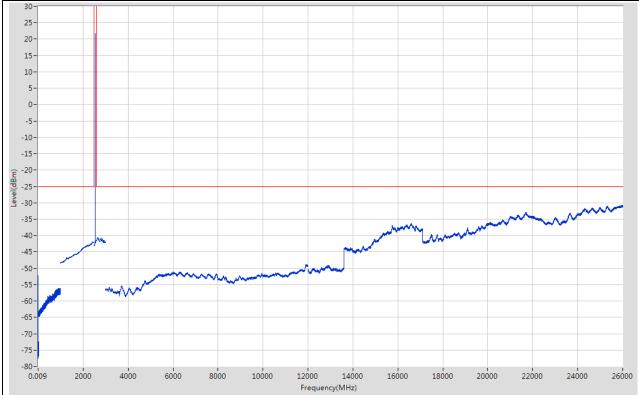
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.91	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.43	-25	Pass	2985
30	1000	0.1	RMS	898.99	-55.74	-25	Pass	9700
1000	2490	1	RMS	2427.958	-41.91	-25	Pass	1490
2490	2580	1	RMS	2532.9	21.68	60	Pass	601
2580	3000	1	RMS	2659.8	-40.55	-25	Pass	601
3000	12000	1	RMS	11921.991	-48.89	-25	Pass	9000
12000	26000	1	RMS	25974.998	-30.75	-25	Pass	14000
25-								





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	-54.37	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.25	-25	Pass	2985
30	1000	0.1	RMS	997.7	-56.14	-25	Pass	9700
1000	2490	1	RMS	2459.98	-41.9	-25	Pass	1490
2490	2580	1	RMS	2537.1	21.66	60	Pass	601
2580	3000	1	RMS	2660.5	-40.62	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.83	-25	Pass	9000
12000	26000	1	RMS	25957.997	-30.84	-25	Pass	14000
30-								





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	0.01	-53.09	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.9	-25	Pass	2985
30	1000	0.1	RMS	996.1	-56.01	-25	Pass	9700
1000	2490	1	RMS	2419.953	-41.93	-25	Pass	1490
2490	2580	1	RMS	2565.3	22.85	60	Pass	601
2580	3000	1	RMS	2659.8	-40.59	-25	Pass	601
3000	12000	1	RMS	11924.992	-48.87	-25	Pass	9000
12000	26000	1	RMS	25934.995	-30.75	-25	Pass	14000
30-								





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	-53.47	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-25	Pass	2985
30	1000	0.1	RMS	907.59	-55.89	-25	Pass	9700
1000	2490	1	RMS	2456.978	-41.9	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.83	60	Pass	601
2580	3000	1	RMS	2658.4	-40.62	-25	Pass	601
3000	12000	1	RMS	11921.991	-48.88	-25	Pass	9000
12000	26000	1	RMS	25961.997	-30.79	-25	Pass	14000
30- 25- 20- 15-								





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	-53.37	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.7	-25	Pass	2985
30	1000	0.1	RMS	912.491	-56.12	-25	Pass	9700
1000	2490	1	RMS	2427.958	-41.92	-25	Pass	1490
2490	2580	1	RMS	2565.3	21.99	60	Pass	601
2580	3000	1	RMS	2659.8	-40.6	-25	Pass	601
3000	12000	1	RMS	11921.991	-48.9	-25	Pass	9000
12000	26000	1	RMS	25942.996	-30.73	-25	Pass	14000
30 - 25 - 20 - 15 - 10 -								





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	0.012	-53.7	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.75	-25	Pass	2985
30	1000	0.1	RMS	910.891	-55.9	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.92	-25	Pass	1490
2490	2580	1	RMS	2569.65	21.96	60	Pass	601
2580	3000	1	RMS	2659.1	-40.6	-25	Pass	601
3000	12000	1	RMS	11933.993	-48.78	-25	Pass	9000
12000	26000	1	RMS	25946.996	-30.78	-25	Pass	14000
30 - 25 - 20 -								





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	-54.24	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.95	-25	Pass	2985
30	1000	0.1	RMS	891.989	-55.98	-25	Pass	9700
1000	2490	1	RMS	2482.995	-39.93	-25	Pass	1490
2490	2580	1	RMS	2500.65	22.66	60	Pass	601
2580	3000	1	RMS	2659.8	-40.55	-25	Pass	601
3000	12000	1	RMS	11925.992	-48.92	-25	Pass	9000
12000	26000	1	RMS	25904.993	-30.8	-25	Pass	14000
30 - 25 - 20 -								





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	-53.5	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.22	-25	Pass	2985
30	1000	0.1	RMS	893.789	-55.96	-25	Pass	9700
1000	2490	1	RMS	2490	-41.75	-25	Pass	1490
2490	2580	1	RMS	2509.35	22.55	60	Pass	601
2580	3000	1	RMS	2660.5	-40.57	-25	Pass	601
3000	12000	1	RMS	11917.991	-48.81	-25	Pass	9000
12000	26000	1	RMS	25972.998	-30.78	-25	Pass	14000
30 -								





1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

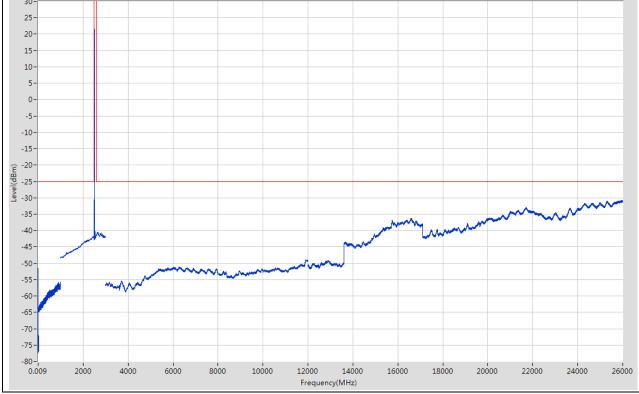
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.29	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.95	-25	Pass	2985
30	1000	0.1	RMS	972.297	-55.7	-25	Pass	9700
1000	2490	1	RMS	2482.995	-40.9	-25	Pass	1490
2490	2580	1	RMS	2500.65	21.7	60	Pass	601
2580	3000	1	RMS	2660.5	-40.57	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.89	-25	Pass	9000
12000	26000	1	RMS	25930.995	-30.77	-25	Pass	14000
30 - 25 -								





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	-53.73	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.57	-25	Pass	2985
30	1000	0.1	RMS	997.3	-55.77	-25	Pass	9700
1000	2490	1	RMS	2490	-41.74	-25	Pass	1490
2490	2580	1	RMS	2509.35	21.59	60	Pass	601
2580	3000	1	RMS	2659.1	-40.57	-25	Pass	601
3000	12000	1	RMS	11915.991	-48.91	-25	Pass	9000
12000	26000	1	RMS	25930.995	-30.78	-25	Pass	14000
30 - 25 - 20 -								





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	-52.56	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.47	-25	Pass	2985
30	1000	0.1	RMS	904.19	-55.69	-25	Pass	9700
1000	2490	1	RMS	2422.955	-41.85	-25	Pass	1490
2490	2580	1	RMS	2530.65	22.63	60	Pass	601
2580	3000	1	RMS	2657.7	-40.58	-25	Pass	601
3000	12000	1	RMS	11923.992	-48.9	-25	Pass	9000
12000	26000	1	RMS	25965.998	-30.76	-25	Pass	14000
30-								





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	-53.23	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.91	-25	Pass	2985
30	1000	0.1	RMS	898.49	-55.77	-25	Pass	9700
1000	2490	1	RMS	2425.957	-41.92	-25	Pass	1490
2490	2580	1	RMS	2539.35	22.63	60	Pass	601
2580	3000	1	RMS	2659.1	-40.6	-25	Pass	601
3000	12000	1	RMS	11922.991	-48.78	-25	Pass	9000
12000	26000	1	RMS	25980.999	-30.79	-25	Pass	14000
30- 25- 20- 15-								





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	-53.09	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.1	-25	Pass	2985
30	1000	0.1	RMS	892.189	-55.93	-25	Pass	9700
1000	2490	1	RMS	2460.981	-41.88	-25	Pass	1490
2490	2580	1	RMS	2530.65	21.58	60	Pass	601
2580	3000	1	RMS	2659.1	-40.55	-25	Pass	601
3000	12000	1	RMS	11919.991	-48.84	-25	Pass	9000
12000	26000	1	RMS	25959.997	-30.74	-25	Pass	14000
30- 25- 20- 15-								





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	-53.38	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.31	-25	Pass	2985
30	1000	0.1	RMS	907.891	-56.03	-25	Pass	9700
1000	2490	1	RMS	2424.956	-41.85	-25	Pass	1490
2490	2580	1	RMS	2539.35	21.58	60	Pass	601
2580	3000	1	RMS	2659.8	-40.58	-25	Pass	601
3000	12000	1	RMS	11900.989	-48.85	-25	Pass	9000
12000	26000	1	RMS	25949.996	-30.79	-25	Pass	14000
30- 25- 20- 15-								





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	0.01	-54.05	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.21	-25	Pass	2985
30	1000	0.1	RMS	918.092	-55.89	-25	Pass	9700
1000	2490	1	RMS	2429.96	-41.89	-25	Pass	1490
2490	2580	1	RMS	2560.65	22.89	60	Pass	601
2580	3000	1	RMS	2659.1	-40.57	-25	Pass	601
3000	12000	1	RMS	11930.992	-48.92	-25	Pass	9000
12000	26000	1	RMS	25961.997	-30.76	-25	Pass	14000
25-								





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	-52.93	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.29	-25	Pass	2985
30	1000	0.1	RMS	905.59	-55.85	-25	Pass	9700
1000	2490	1	RMS	2458.979	-41.9	-25	Pass	1490
2490	2580	1	RMS	2569.35	22.84	60	Pass	601
2580	3000	1	RMS	2587	-40.33	-25	Pass	601
3000	12000	1	RMS	11917.991	-48.93	-25	Pass	9000
12000	26000	1	RMS	25958.997	-30.72	-25	Pass	14000
30- 25- 20- 15-								





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	-53.79	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.63	-25	Pass	2985
30	1000	0.1	RMS	877.787	-55.92	-25	Pass	9700
1000	2490	1	RMS	2427.958	-41.88	-25	Pass	1490
2490	2580	1	RMS	2560.65	21.86	60	Pass	601
2580	3000	1	RMS	2659.8	-40.56	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.74	-25	Pass	9000
12000	26000	1	RMS	25961.997	-30.79	-25	Pass	14000
30- 25- 20- 15- 10-								





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	0.01	-54.32	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.89	-25	Pass	2985
30	1000	0.1	RMS	898.99	-55.99	-25	Pass	9700
1000	2490	1	RMS	2426.958	-41.87	-25	Pass	1490
2490	2580	1	RMS	2569.35	21.83	60	Pass	601
2580	3000	1	RMS	2660.5	-40.58	-25	Pass	601
3000	12000	1	RMS	11919.991	-48.92	-25	Pass	9000
12000	26000	1	RMS	25917.994	-30.77	-25	Pass	14000
30- 25- 20- 15-								





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	0.009	-52.86	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.21	-25	Pass	2985
30	1000	0.1	RMS	934.793	-56.01	-25	Pass	9700
1000	2490	1	RMS	2487.999	-40.78	-25	Pass	1490
2490	2580	1	RMS	2500.8	22.65	60	Pass	601
2580	3000	1	RMS	2658.4	-40.57	-25	Pass	601
3000	12000	1	RMS	11940.993	-48.82	-25	Pass	9000
12000	26000	1	RMS	25961.997	-30.67	-25	Pass	14000
30- 25- 20- 15- 10- 5-								





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	0.01	-53.3	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.18	-25	Pass	2985
30	1000	0.1	RMS	938.494	-56.09	-25	Pass	9700
1000	2490	1	RMS	2487.999	-33.48	-25	Pass	1490
2490	2580	1	RMS	2514.15	22.62	60	Pass	601
2580	3000	1	RMS	2661.2	-40.58	-25	Pass	601
3000	12000	1	RMS	11927.992	-48.8	-25	Pass	9000
12000	26000	1	RMS	25942.996	-30.6	-25	Pass	14000
30-								





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	-54.2	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.73	-25	Pass	2985
30	1000	0.1	RMS	928.393	-55.79	-25	Pass	9700
1000	2490	1	RMS	2487.999	-40.87	-25	Pass	1490
2490	2580	1	RMS	2500.8	21.66	60	Pass	601
2580	3000	1	RMS	2659.8	-40.55	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.79	-25	Pass	9000
12000	26000	1	RMS	25945.996	-30.69	-25	Pass	14000
25- 20- 15-								





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	-54.03	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.83	-25	Pass	2985
30	1000	0.1	RMS	987.899	-56.03	-25	Pass	9700
1000	2490	1	RMS	2487.999	-35.16	-25	Pass	1490
2490	2580	1	RMS	2514.15	21.63	60	Pass	601
2580	3000	1	RMS	2659.8	-40.56	-25	Pass	601
3000	12000	1	RMS	11925.992	-48.82	-25	Pass	9000
12000	26000	1	RMS	25958.997	-30.75	-25	Pass	14000
30- 25- 20- 15- 10-								





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	0.009	-53.26	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.55	-25	Pass	2985
30	1000	0.1	RMS	997.6	-55.98	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.88	-25	Pass	1490
2490	2580	1	RMS	2528.4	22.58	60	Pass	601
2580	3000	1	RMS	2659.1	-40.55	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.88	-25	Pass	9000
12000	26000	1	RMS	25950.997	-30.82	-25	Pass	14000
25-								





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	-52.7	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.3	-25	Pass	2985
30	1000	0.1	RMS	891.089	-55.94	-25	Pass	9700
1000	2490	1	RMS	2452.975	-41.87	-25	Pass	1490
2490	2580	1	RMS	2541.6	22.6	60	Pass	601
2580	3000	1	RMS	2660.5	-40.58	-25	Pass	601
3000	12000	1	RMS	11914.991	-48.82	-25	Pass	9000
12000	26000	1	RMS	25920.994	-34.17	-25	Pass	14000
30- 25- 20- 15-								





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	-53.3	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.34	-25	Pass	2985
30	1000	0.1	RMS	948.295	-56.05	-25	Pass	9700
1000	2490	1	RMS	2448.972	-41.9	-25	Pass	1490
2490	2580	1	RMS	2528.4	21.53	60	Pass	601
2580	3000	1	RMS	2659.8	-40.55	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.88	-25	Pass	9000
12000	26000	1	RMS	25953.997	-30.81	-25	Pass	14000
30- 25- 20- 15-								





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	0.009	-53.62	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.63	-25	Pass	2985
30	1000	0.1	RMS	884.288	-55.72	-25	Pass	9700
1000	2490	1	RMS	2449.973	-41.87	-25	Pass	1490
2490	2580	1	RMS	2541.6	21.56	60	Pass	601
2580	3000	1	RMS	2660.5	-40.6	-25	Pass	601
3000	12000	1	RMS	11906.99	-48.76	-25	Pass	9000
12000	26000	1	RMS	25977.998	-30.83	-25	Pass	14000
30- 25- 20- 15-								





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	-53.64	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.52	-25	Pass	2985
30	1000	0.1	RMS	902.19	-55.59	-25	Pass	9700
1000	2490	1	RMS	2448.972	-41.84	-25	Pass	1490
2490	2580	1	RMS	2555.85	22.84	60	Pass	601
2580	3000	1	RMS	2582.8	-28.06	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.81	-25	Pass	9000
12000	26000	1	RMS	25952.997	-30.79	-25	Pass	14000
30- 25- 20- 15- 10- 5- 0-								





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	-53.41	-25	Pass	601
0.15	30	0.01	RMS	0.16	-51.72	-25	Pass	2985
30	1000	0.1	RMS	900.19	-56.13	-25	Pass	9700
1000	2490	1	RMS	2425.957	-41.86	-25	Pass	1490
2490	2580	1	RMS	2569.2	22.87	60	Pass	601
2580	3000	1	RMS	2582.8	-38.86	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.82	-25	Pass	9000
12000	26000	1	RMS	25968.998	-30.83	-25	Pass	14000
30- 25- 20- 15- 10- 5-								





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	0.011	-53.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.8	-25	Pass	2985
30	1000	0.1	RMS	907.29	-55.96	-25	Pass	9700
1000	2490	1	RMS	2426.958	-41.86	-25	Pass	1490
2490	2580	1	RMS	2555.85	21.85	60	Pass	601
2580	3000	1	RMS	2582.8	-29.57	-25	Pass	601
3000	12000	1	RMS	11927.992	-48.89	-25	Pass	9000
12000	26000	1	RMS	25963.997	-30.84	-25	Pass	14000
30- 25- 20- 15- 10-								





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	0.01	-53.74	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.81	-25	Pass	2985
30	1000	0.1	RMS	904.29	-55.98	-25	Pass	9700
1000	2490	1	RMS	2425.957	-41.89	-25	Pass	1490
2490	2580	1	RMS	2569.2	21.91	60	Pass	601
2580	3000	1	RMS	2582.8	-39.28	-25	Pass	601
3000	12000	1	RMS	11900.989	-48.82	-25	Pass	9000
12000	26000	1	RMS	25938.996	-30.69	-25	Pass	14000
30 - 25 - 20 - 15 - 10 -								





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	-52.19	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.49	-25	Pass	2985
30	1000	0.1	RMS	885.088	-55.98	-25	Pass	9700
1000	2490	1	RMS	2482.995	-41.05	-25	Pass	1490
2490	2580	1	RMS	2501.1	22.55	60	Pass	601
2580	3000	1	RMS	2659.1	-40.57	-25	Pass	601
3000	12000	1	RMS	11919.991	-48.94	-25	Pass	9000
12000	26000	1	RMS	25953.997	-30.71	-25	Pass	14000
30- 25- 20- 15-								





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	-53.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.54	-25	Pass	2985
30	1000	0.1	RMS	999.9	-55.9	-25	Pass	9700
1000	2490	1	RMS	2482.995	-37.46	-25	Pass	1490
2490	2580	1	RMS	2518.95	22.42	60	Pass	601
2580	3000	1	RMS	2659.1	-40.57	-25	Pass	601
3000	12000	1	RMS	11917.991	-48.86	-25	Pass	9000
12000	26000	1	RMS	25968.998	-30.75	-25	Pass	14000
30- 25- 20- 15-								





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	-53.32	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.69	-25	Pass	2985
30	1000	0.1	RMS	938.394	-55.92	-25	Pass	9700
1000	2490	1	RMS	2490	-41.4	-25	Pass	1490
2490	2580	1	RMS	2501.1	21.63	60	Pass	601
2580	3000	1	RMS	2659.1	-40.71	-25	Pass	601
3000	12000	1	RMS	11903.989	-48.95	-25	Pass	9000
12000	26000	1	RMS	25920.994	-30.86	-25	Pass	14000
30- 25- 20-								





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	0.01	-53.9	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.95	-25	Pass	2985
30	1000	0.1	RMS	896.489	-55.68	-25	Pass	9700
1000	2490	1	RMS	2482.995	-37.46	-25	Pass	1490
2490	2580	1	RMS	2518.95	21.39	60	Pass	601
2580	3000	1	RMS	2659.1	-40.68	-25	Pass	601
3000	12000	1	RMS	11900.989	-48.93	-25	Pass	9000
12000	26000	1	RMS	25950.997	-30.85	-25	Pass	14000
30- 25- 20- 15-								





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	-52.85	-25	Pass	601
0.15	30	0.01	RMS	0.16	-51.37	-25	Pass	2985
30	1000	0.1	RMS	949.895	-55.73	-25	Pass	9700
1000	2490	1	RMS	2490	-39.8	-25	Pass	1490
2490	2580	1	RMS	2526.15	22.32	60	Pass	601
2580	3000	1	RMS	2660.5	-40.7	-25	Pass	601
3000	12000	1	RMS	11914.991	-48.98	-25	Pass	9000
12000	26000	1	RMS	25947.996	-30.82	-25	Pass	14000
30- 25- 20- 15-								





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	0.011	-54.08	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.02	-25	Pass	2985
30	1000	0.1	RMS	969.897	-55.84	-25	Pass	9700
1000	2490	1	RMS	2455.977	-41.45	-25	Pass	1490
2490	2580	1	RMS	2543.85	22.35	60	Pass	601
2580	3000	1	RMS	2659.1	-40.67	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.99	-25	Pass	9000
12000	26000	1	RMS	25965.998	-30.82	-25	Pass	14000
30 - 25 - 20 -								





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	0.011	-53.01	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.96	-25	Pass	2985
30	1000	0.1	RMS	897.589	-55.82	-25	Pass	9700
1000	2490	1	RMS	2490	-40.71	-25	Pass	1490
2490	2580	1	RMS	2526.15	21.29	60	Pass	601
2580	3000	1	RMS	2659.8	-40.69	-25	Pass	601
3000	12000	1	RMS	11929.992	-48.93	-25	Pass	9000
12000	26000	1	RMS	25964.998	-30.81	-25	Pass	14000
25-								





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	-53.31	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.41	-25	Pass	2985
30	1000	0.1	RMS	903.79	-55.7	-25	Pass	9700
1000	2490	1	RMS	2426.958	-41.45	-25	Pass	1490
2490	2580	1	RMS	2543.85	21.3	60	Pass	601
2580	3000	1	RMS	2659.8	-40.69	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.97	-25	Pass	9000
12000	26000	1	RMS	25963.997	-30.92	-25	Pass	14000
30-								





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	-53.61	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.68	-25	Pass	2985
30	1000	0.1	RMS	906.69	-56.08	-25	Pass	9700
1000	2490	1	RMS	2424.956	-42.01	-25	Pass	1490
2490	2580	1	RMS	2551.05	22.49	60	Pass	601
2580	3000	1	RMS	2587	-30.78	-25	Pass	601
3000	12000	1	RMS	11899.989	-48.98	-25	Pass	9000
12000	26000	1	RMS	25931.995	-30.88	-25	Pass	14000
30 - 25 - 20 -								





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	0.011	-53.28	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.04	-25	Pass	2985
30	1000	0.1	RMS	899.79	-56.03	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.97	-25	Pass	1490
2490	2580	1	RMS	2568.9	22.55	60	Pass	601
2580	3000	1	RMS	2587	-40.58	-25	Pass	601
3000	12000	1	RMS	11918.991	-48.88	-25	Pass	9000
12000	26000	1	RMS	25950.997	-30.8	-25	Pass	14000
30 - 25 - 20 -								





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	0.011	-53.86	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.68	-25	Pass	2985
30	1000	0.1	RMS	998.4	-56.01	-25	Pass	9700
1000	2490	1	RMS	2424.956	-41.98	-25	Pass	1490
2490	2580	1	RMS	2551.05	21.41	60	Pass	601
2580	3000	1	RMS	2587	-32.26	-25	Pass	601
3000	12000	1	RMS	11927.992	-48.95	-25	Pass	9000
12000	26000	1	RMS	25929.995	-30.73	-25	Pass	14000
30-								





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	-53.9	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.33	-25	Pass	2985
30	1000	0.1	RMS	897.589	-55.88	-25	Pass	9700
1000	2490	1	RMS	2449.973	-41.99	-25	Pass	1490
2490	2580	1	RMS	2568.9	21.53	60	Pass	601
2580	3000	1	RMS	2659.8	-40.69	-25	Pass	601
3000	12000	1	RMS	11902.989	-48.93	-25	Pass	9000
12000	26000	1	RMS	25962.997	-30.85	-25	Pass	14000
30-								





END