

#### **Annex C. LTE Transmitter Spurious Emissions**



#### 1. LTE\_Band4

# 1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Stop requency (MHz)  0.15  30  1000  1700  1765  3000  12000  18000	RBW (MHz)  0.001  0.01  1  1  1  1  1	Petecto r RMS	0.009 0.15 943.794 1700 1710.292 2655.721 11911.99 16599.767	Power (dBm)  -53.99  -52.41  -55.8  -45.47  22.16  -40.06  -48.76  -36.2	Limit (dBm)  -13  -13  -13  -13  -13  -13  -13	Verdic t Pass Pass Pass Pass Pass Pass	Sweep Point  601 2985 9700 700 601 1235 9000
30 1000 1700 1765 3000 12000	0.01 0.1 1 1 1	RMS RMS RMS RMS RMS RMS	0.15 943.794 1700 1710.292 2655.721 11911.99	-52.41 -55.8 -45.47 22.16 -40.06 -48.76	-13 -13 -13 60 -13	Pass Pass Pass Pass Pass Pass	2985 9700 700 601 1235
1000 1700 1765 3000 12000	0.1 1 1 1	RMS RMS RMS RMS RMS	943.794 1700 1710.292 2655.721 11911.99	-55.8 -45.47 22.16 -40.06 -48.76	-13 -13 60 -13 -13	Pass Pass Pass Pass Pass	9700 700 601 1235
1700 1765 3000 12000	1 1 1	RMS RMS RMS	1700 1710.292 2655.721 11911.99	-45.47 22.16 -40.06 -48.76	-13 60 -13 -13	Pass Pass Pass Pass	700 601 1235
1765 3000 12000	1 1 1	RMS RMS RMS	1710.292 2655.721 11911.99	22.16 -40.06 -48.76	60 -13 -13	Pass Pass Pass	601 1235
3000 12000	1	RMS RMS	2655.721 11911.99	-40.06 -48.76	-13 -13	Pass Pass	1235
12000	1	RMS	11911.99	-48.76	-13	Pass	
12000		RMS	11911.99	-48.76			9000
	1				-13		ļ
					- 10	Pass	6000
M.							~L
^	w						

9000 10000 11000 12000 13000 14000 15000 16000 17000 18000



# 1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.06	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.26	-13	Pass	2985
30	1000	0.1	RMS	897.789	-55.96	-13	Pass	9700
1000	1700	1	RMS	1695.994	-45.5	-13	Pass	700
1700	1765	1	RMS	1711.158	22.13	60	Pass	601
1765	3000	1	RMS	2659.724	-40.03	-13	Pass	1235
3000	12000	1	RMS	11914.991	-48.73	-13	Pass	9000
12000	18000	1	RMS	16597.766	-36.21	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





# 1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:19957, Bandwidth:1.4, 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	-54.17	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.67	-13	Pass	2985
30	1000	0.1	RMS	942.694	-55.56	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.49	-13	Pass	700
1700	1765	1	RMS	1710.292	21.21	60	Pass	601
1765	3000	1	RMS	2657.723	-40.06	-13	Pass	1235
3000	12000	1	RMS	11900.989	-48.78	-13	Pass	9000
12000	18000	1	RMS	16597.766	-36.03	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





# 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

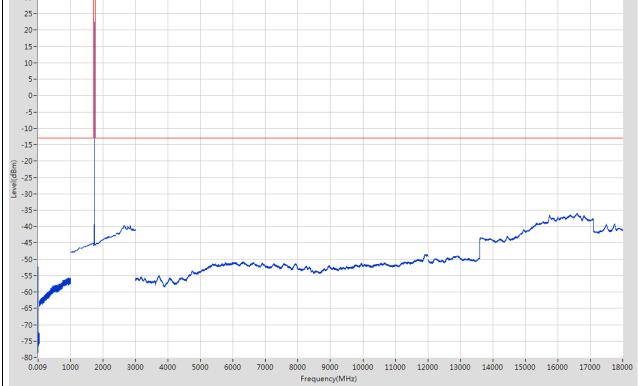
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-54.52	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.15	-13	Pass	2985
30	1000	0.1	RMS	894.389	-55.42	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.18	-13	Pass	700
1700	1765	1	RMS	1711.158	21.59	60	Pass	601
1765	3000	1	RMS	2658.724	-39.69	-13	Pass	1235
3000	12000	1	RMS	11936.993	-48.46	-13	Pass	9000
12000	18000	1	RMS	16599.767	-35.85	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





## 1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.15	0.001	RMS	0.01	-53.57	-13	Pass	601
30	0.01	RMS	0.16	-52.22	-13	Pass	2985
1000	0.1	RMS	994.099	-55.69	-13	Pass	9700
1700	1	RMS	1696.996	-45.2	-13	Pass	700
1765	1	RMS	1732.067	22.51	60	Pass	601
3000	1	RMS	2657.723	-39.73	-13	Pass	1235
12000	1	RMS	11906.99	-48.54	-13	Pass	9000
18000	1	RMS	16601.767	-35.93	-13	Pass	6000
	Frequency (MHz) 0.15 30 1000 1700 1765 3000 12000	Frequency (MHz)  0.15 0.001  30 0.01  1000 0.1  1700 1  1765 1 3000 1 12000 1	Frequency (MHz)         RBW (MHz)         Detector           0.15         0.001         RMS           30         0.01         RMS           1000         0.1         RMS           1700         1         RMS           1765         1         RMS           3000         1         RMS           12000         1         RMS	Frequency (MHz)         RBW (MHz)         Detector (MHz)         Frequency (MHz)           0.15         0.001         RMS         0.01           30         0.01         RMS         0.16           1000         0.1         RMS         994.099           1700         1         RMS         1696.996           1765         1         RMS         1732.067           3000         1         RMS         2657.723           12000         1         RMS         11906.99	Frequency (MHz)         RBW (MHz)         Detector         Frequency (MHz)         Power (dBm)           0.15         0.001         RMS         0.01         -53.57           30         0.01         RMS         0.16         -52.22           1000         0.1         RMS         994.099         -55.69           1700         1         RMS         1696.996         -45.2           1765         1         RMS         1732.067         22.51           3000         1         RMS         2657.723         -39.73           12000         1         RMS         11906.99         -48.54	Frequency (MHz)         RBW (MHz)         Detector         Frequency (MHz)         Power (dBm)         Limit (dBm)           0.15         0.001         RMS         0.01         -53.57         -13           30         0.01         RMS         0.16         -52.22         -13           1000         0.1         RMS         994.099         -55.69         -13           1700         1         RMS         1696.996         -45.2         -13           1765         1         RMS         1732.067         22.51         60           3000         1         RMS         2657.723         -39.73         -13           12000         1         RMS         11906.99         -48.54         -13	Frequency (MHz)         RBW (MHz)         Detector (MHz)         Frequency (MHz)         Power (dBm)         Limit (dBm)         Verdict           0.15         0.001         RMS         0.01         -53.57         -13         Pass           30         0.01         RMS         0.16         -52.22         -13         Pass           1000         0.1         RMS         994.099         -55.69         -13         Pass           1700         1         RMS         1696.996         -45.2         -13         Pass           1765         1         RMS         1732.067         22.51         60         Pass           3000         1         RMS         2657.723         -39.73         -13         Pass           12000         1         RMS         11906.99         -48.54         -13         Pass





# 1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:20175, Bandwidth:1.4, 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	-52.98	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.48	-13	Pass	2985
30	1000	0.1	RMS	885.988	-55.63	-13	Pass	9700
1000	1700	1	RMS	1698.999	-45.17	-13	Pass	700
1700	1765	1	RMS	1732.933	22.51	60	Pass	601
1765	3000	1	RMS	2660.725	-39.72	-13	Pass	1235
3000	12000	1	RMS	11914.991	-48.61	-13	Pass	9000
12000	18000	1	RMS	16601.767	-35.92	-13	Pass	6000
30- 25- 20-								





## 1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:20175, Bandwidth:1.4, 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	-53.78	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.95	-13	Pass	2985
30	1000	0.1	RMS	985.298	-55.61	-13	Pass	9700
1000	1700	1	RMS	1694.993	-45.16	-13	Pass	700
1700	1765	1	RMS	1732.067	21.65	60	Pass	601
1765	3000	1	RMS	2660.725	-39.74	-13	Pass	1235
3000	12000	1	RMS	11910.99	-48.54	-13	Pass	9000
12000	18000	1	RMS	16599.767	-35.87	-13	Pass	6000
20 - 15 - 10 - 5 - 0								~

Frequency(MHz)



-50 --55 --60 --65 --70 --75 --80 -0.009

1000

2000

3000

4000

5000

6000

7000

Frequency(MHz)

## 1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:20175, Bandwidth:1.4, 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	-53.07	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.21	-13	Pass	2985
30	1000	0.1	RMS	894.889	-55.48	-13	Pass	9700
1000	1700	1	RMS	1700	-45.19	-13	Pass	700
1700	1765	1	RMS	1732.933	21.6	60	Pass	601
1765	3000	1	RMS	2659.724	-39.69	-13	Pass	1235
3000	12000	1	RMS	11914.991	-48.55	-13	Pass	9000
12000	18000	1	RMS	16606.768	-35.95	-13	Pass	6000
25 - 20 - 15 - 10 - 5								
-35 -								~

8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000



## 1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

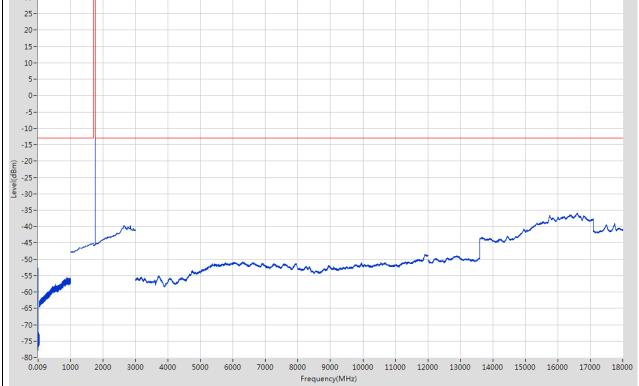
	·		•	·		•	•	
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.31	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.2	-13	Pass	2985
30	1000	0.1	RMS	909.891	-55.51	-13	Pass	9700
1000	1700	1	RMS	1700	-45.16	-13	Pass	700
1700	1765	1	RMS	1753.842	22.45	60	Pass	601
1765	3000	1	RMS	2659.724	-39.69	-13	Pass	1235
3000	12000	1	RMS	11924.992	-48.54	-13	Pass	9000
12000	18000	1	RMS	16599.767	-35.86	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 - 0 - 0 - 0								





## 1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:20393, Bandwidth:1.4, 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	-53.37	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.67	-13	Pass	2985
30	1000	0.1	RMS	892.489	-55.45	-13	Pass	9700
1000	1700	1	RMS	1688.984	-45.16	-13	Pass	700
1700	1765	1	RMS	1754.708	22.43	60	Pass	601
1765	3000	1	RMS	2656.722	-39.73	-13	Pass	1235
3000	12000	1	RMS	11911.99	-48.54	-13	Pass	9000
12000	18000	1	RMS	16602.767	-35.84	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





#### 1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:20393, Bandwidth:1.4, 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	-52.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.58	-13	Pass	2985
30	1000	0.1	RMS	893.089	-55.7	-13	Pass	9700
1000	1700	1	RMS	1687.983	-45.18	-13	Pass	700
1700	1765	1	RMS	1753.842	21.61	60	Pass	601
1765	3000	1	RMS	2659.724	-39.69	-13	Pass	1235
3000	12000	1	RMS	11906.99	-48.52	-13	Pass	9000
12000	18000	1	RMS	16599.767	-35.92	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 -								





#### 1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:20393, Bandwidth:1.4, 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	-52.65	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.56	-13	Pass	2985
30	1000	0.1	RMS	999.4	-55.76	-13	Pass	9700
1000	1700	1	RMS	1680.973	-45.16	-13	Pass	700
1700	1765	1	RMS	1754.817	21.56	60	Pass	601
1765	3000	1	RMS	2659.724	-39.68	-13	Pass	1235
3000	12000	1	RMS	11927.992	-48.55	-13	Pass	9000
12000	18000	1	RMS	16602.767	-35.92	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





# 1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

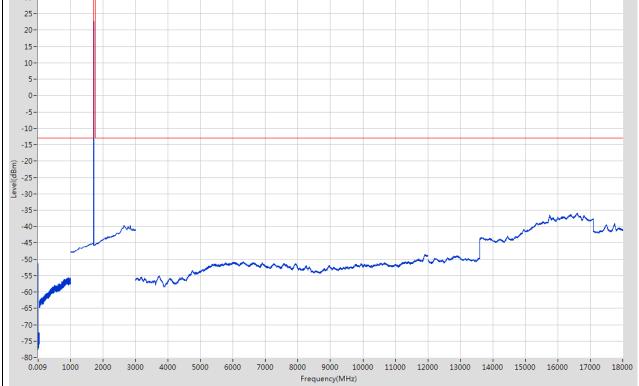
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.12	-13	Pass	2985
30	1000	0.1	RMS	975.097	-55.55	-13	Pass	9700
1000	1700	1	RMS	1698.999	-45.13	-13	Pass	700
1700	1765	1	RMS	1710.292	22.56	60	Pass	601
1765	3000	1	RMS	2659.724	-39.71	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.5	-13	Pass	9000
12000	18000	1	RMS	16601.767	-35.9	-13	Pass	6000
30 - 25 - 20 -								





#### 1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:19965, Bandwidth:3, 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	-52.29	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.37	-13	Pass	2985
30	1000	0.1	RMS	935.193	-55.56	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.14	-13	Pass	700
1700	1765	1	RMS	1712.783	22.57	60	Pass	601
1765	3000	1	RMS	2659.724	-39.7	-13	Pass	1235
3000	12000	1	RMS	11902.989	-48.51	-13	Pass	9000
12000	18000	1	RMS	16599.767	-35.93	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:19965, Bandwidth:3, 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	-54.01	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.03	-13	Pass	2985
30	1000	0.1	RMS	913.191	-55.52	-13	Pass	9700
1000	1700	1	RMS	1700	-45.13	-13	Pass	700
1700	1765	1	RMS	1710.183	21.78	60	Pass	601
1765	3000	1	RMS	2659.724	-39.69	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.43	-13	Pass	9000
12000	18000	1	RMS	16596.766	-35.83	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:19965, Bandwidth:3, 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	-53.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.19	-13	Pass	2985
30	1000	0.1	RMS	883.088	-55.65	-13	Pass	9700
1000	1700	1	RMS	1698.999	-45.15	-13	Pass	700
1700	1765	1	RMS	1712.783	21.76	60	Pass	601
1765	3000	1	RMS	2659.724	-39.7	-13	Pass	1235
3000	12000	1	RMS	11912.99	-48.48	-13	Pass	9000
12000	18000	1	RMS	16598.766	-35.87	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20175, Bandwidth:3, 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	-54.46	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.89	-13	Pass	2985
30	1000	0.1	RMS	902.99	-55.49	-13	Pass	9700
1000	1700	1	RMS	1698.999	-45.15	-13	Pass	700
1700	1765	1	RMS	1731.2	22.54	60	Pass	601
1765	3000	1	RMS	2658.724	-39.72	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.46	-13	Pass	9000
12000	18000	1	RMS	16595.766	-35.95	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.27	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.62	-13	Pass	2985
30	1000	0.1	RMS	972.497	-55.66	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.16	-13	Pass	700
1700	1765	1	RMS	1733.8	22.56	60	Pass	601
1765	3000	1	RMS	2661.726	-39.72	-13	Pass	1235
3000	12000	1	RMS	11915.991	-48.35	-13	Pass	9000
12000	18000	1	RMS	16600.767	-35.9	-13	Pass	6000
30- 25- 20- 15- 10-								





## 1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:20175, Bandwidth:3, 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	-53.45	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.43	-13	Pass	2985
30	1000	0.1	RMS	876.487	-55.47	-13	Pass	9700
1000	1700	1	RMS	1696.996	-45.19	-13	Pass	700
1700	1765	1	RMS	1731.2	21.69	60	Pass	601
1765	3000	1	RMS	2659.724	-39.68	-13	Pass	1235
3000	12000	1	RMS	11907.99	-48.48	-13	Pass	9000
12000	18000	1	RMS	16596.766	-35.93	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 -								





# 1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:20175, Bandwidth:3, 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	-52.98	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.89	-13	Pass	2985
30	1000	0.1	RMS	885.488	-55.62	-13	Pass	9700
1000	1700	1	RMS	1684.979	-45.17	-13	Pass	700
1700	1765	1	RMS	1733.8	21.66	60	Pass	601
1765	3000	1	RMS	2658.724	-39.69	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.53	-13	Pass	9000
12000	18000	1	RMS	16604.767	-35.92	-13	Pass	6000
30- 25- 20- 15-								





#### 1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:20385, Bandwidth:3, 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	-53.46	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.52	-13	Pass	2985
30	1000	0.1	RMS	924.192	-55.79	-13	Pass	9700
1000	1700	1	RMS	1682.976	-45.2	-13	Pass	700
1700	1765	1	RMS	1752.217	22.47	60	Pass	601
1765	3000	1	RMS	2659.724	-39.66	-13	Pass	1235
3000	12000	1	RMS	11905.99	-48.53	-13	Pass	9000
12000	18000	1	RMS	16598.766	-35.94	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





## 1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:20385, Bandwidth:3, 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	-53.47	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.25	-13	Pass	2985
30	1000	0.1	RMS	999.2	-55.61	-13	Pass	9700
1000	1700	1	RMS	1693.991	-45.17	-13	Pass	700
1700	1765	1	RMS	1754.817	22.49	60	Pass	601
1765	3000	1	RMS	2660.725	-39.7	-13	Pass	1235
3000	12000	1	RMS	11908.99	-48.52	-13	Pass	9000
12000	18000	1	RMS	16599.767	-35.91	-13	Pass	6000
30- 25- 20- 15- 10-								





## 1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:20385, Bandwidth:3, 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	-53.43	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.09	-13	Pass	2985
30	1000	0.1	RMS	982.498	-55.65	-13	Pass	9700
1000	1700	1	RMS	1694.993	-45.17	-13	Pass	700
1700	1765	1	RMS	1752.217	21.59	60	Pass	601
1765	3000	1	RMS	2662.727	-39.66	-13	Pass	1235
3000	12000	1	RMS	11911.99	-48.42	-13	Pass	9000
12000	18000	1	RMS	16596.766	-35.88	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:20385, Bandwidth:3, 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	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.08	-13	Pass	2985
30	1000	0.1	RMS	900.39	-55.49	-13	Pass	9700
1000	1700	1	RMS	1681.974	-45.2	-13	Pass	700
1700	1765	1	RMS	1754.708	21.61	60	Pass	601
1765	3000	1	RMS	2661.726	-40.08	-13	Pass	1235
3000	12000	1	RMS	11917.991	-48.85	-13	Pass	9000
12000	18000	1	RMS	16604.767	-36.28	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





#### 1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.72	-13	Pass	2985
30	1000	0.1	RMS	897.489	-55.82	-13	Pass	9700
1000	1700	1	RMS	1700	-45.49	-13	Pass	700
1700	1765	1	RMS	1710.292	22.11	60	Pass	601
1765	3000	1	RMS	2657.723	-40.09	-13	Pass	1235
3000	12000	1	RMS	11896.989	-48.85	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.25	-13	Pass	6000
30- 25- 20- 15-								





## 1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:19975, 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	-53.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.05	-13	Pass	2985
30	1000	0.1	RMS	991.499	-55.95	-13	Pass	9700
1000	1700	1	RMS	1696.996	-45.47	-13	Pass	700
1700	1765	1	RMS	1714.625	22.1	60	Pass	601
1765	3000	1	RMS	2656.722	-40.11	-13	Pass	1235
3000	12000	1	RMS	11907.99	-48.9	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.21	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

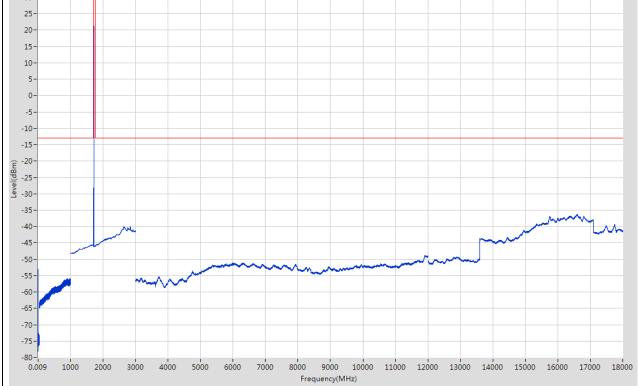
						-		
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.26	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.17	-13	Pass	2985
30	1000	0.1	RMS	998.9	-55.77	-13	Pass	9700
1000	1700	1	RMS	1700	-45.53	-13	Pass	700
1700	1765	1	RMS	1710.292	21.21	60	Pass	601
1765	3000	1	RMS	2657.723	-40.1	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.85	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.24	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





## 1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

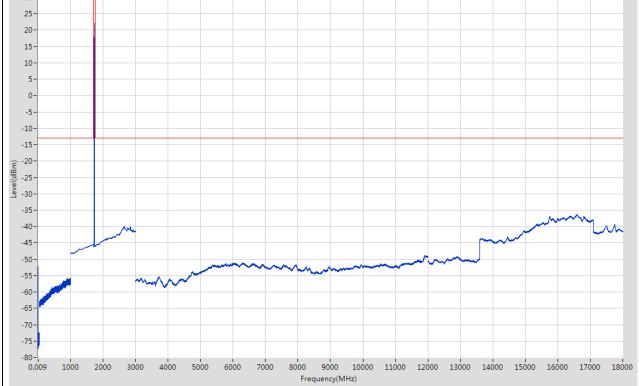
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.24	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.93	-13	Pass	2985
30	1000	0.1	RMS	960.096	-55.99	-13	Pass	9700
1000	1700	1	RMS	1694.993	-45.52	-13	Pass	700
1700	1765	1	RMS	1714.625	21.25	60	Pass	601
1765	3000	1	RMS	2839.87	-40.12	-13	Pass	1235
3000	12000	1	RMS	11921.991	-48.84	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.26	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





## 1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20175, 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	-54.32	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.19	-13	Pass	2985
30	1000	0.1	RMS	991.699	-55.63	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.55	-13	Pass	700
1700	1765	1	RMS	1730.333	22.16	60	Pass	601
1765	3000	1	RMS	2659.724	-40.04	-13	Pass	1235
3000	12000	1	RMS	11918.991	-48.79	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.22	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20175, 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	-54.52	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.58	-13	Pass	2985
30	1000	0.1	RMS	991.199	-55.95	-13	Pass	9700
1000	1700	1	RMS	1700	-45.53	-13	Pass	700
1700	1765	1	RMS	1734.667	22.14	60	Pass	601
1765	3000	1	RMS	2658.724	-40.1	-13	Pass	1235
3000	12000	1	RMS	11908.99	-48.81	-13	Pass	9000
12000	18000	1	RMS	16601.767	-36.23	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





#### 1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20175, 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	-54.33	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.77	-13	Pass	2985
30	1000	0.1	RMS	897.689	-56	-13	Pass	9700
1000	1700	1	RMS	1686.981	-45.57	-13	Pass	700
1700	1765	1	RMS	1730.333	21.35	60	Pass	601
1765	3000	1	RMS	2658.724	-40.12	-13	Pass	1235
3000	12000	1	RMS	11899.989	-48.84	-13	Pass	9000
12000	18000	1	RMS	16590.765	-36.25	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0- -5-								



## 1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:20175, 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	0.011	-54.94	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.11	-13	Pass	2985
30	1000	0.1	RMS	971.997	-55.93	-13	Pass	9700
1000	1700	1	RMS	1695.994	-45.59	-13	Pass	700
1700	1765	1	RMS	1734.667	21.36	60	Pass	601
1765	3000	1	RMS	2659.724	-40.06	-13	Pass	1235
3000	12000	1	RMS	11907.99	-48.91	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.27	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 - 0 - 0 -								





## 1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.49	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.25	-13	Pass	2985
30	1000	0.1	RMS	898.19	-55.81	-13	Pass	9700
1000	1700	1	RMS	1689.986	-45.55	-13	Pass	700
1700	1765	1	RMS	1750.375	22.01	60	Pass	601
1765	3000	1	RMS	2658.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11905.99	-48.87	-13	Pass	9000
12000	18000	1	RMS	16597.766	-36.09	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





## 1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

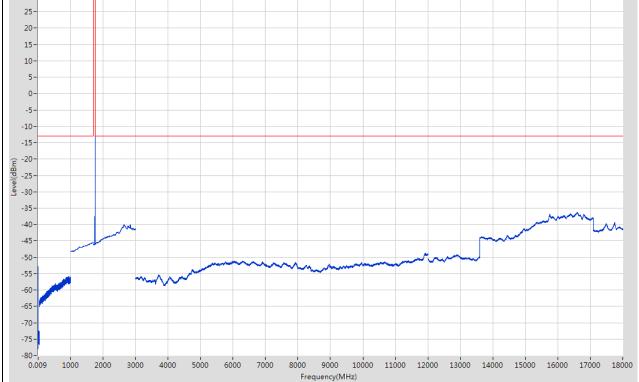
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.95	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.09	-13	Pass	2985
30	1000	0.1	RMS	992.699	-56.03	-13	Pass	9700
1000	1700	1	RMS	1696.996	-45.54	-13	Pass	700
1700	1765	1	RMS	1754.6	22.02	60	Pass	601
1765	3000	1	RMS	2658.724	-40.03	-13	Pass	1235
3000	12000	1	RMS	11911.99	-48.76	-13	Pass	9000
12000	18000	1	RMS	16588.765	-36.24	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:20375, 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	-52.74	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.77	-13	Pass	2985
30	1000	0.1	RMS	925.092	-55.9	-13	Pass	9700
1000	1700	1	RMS	1695.994	-45.51	-13	Pass	700
1700	1765	1	RMS	1750.375	21.27	60	Pass	601
1765	3000	1	RMS	2658.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11914.991	-48.78	-13	Pass	9000
12000	18000	1	RMS	16596.766	-36.24	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 - 0 -								





## 1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:20375, 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	-53.23	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.17	-13	Pass	2985
30	1000	0.1	RMS	968.097	-55.9	-13	Pass	9700
1000	1700	1	RMS	1689.986	-45.54	-13	Pass	700
1700	1765	1	RMS	1754.708	21.32	60	Pass	601
1765	3000	1	RMS	2657.723	-40.06	-13	Pass	1235
3000	12000	1	RMS	11912.99	-48.81	-13	Pass	9000
12000	18000	1	RMS	16601.767	-36.13	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





# 1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

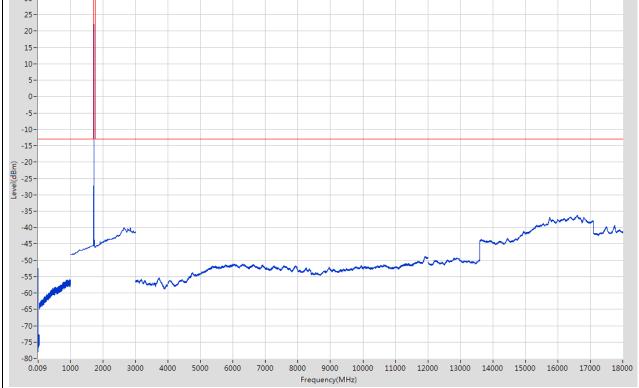
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.91	-13	Pass	2985
30	1000	0.1	RMS	974.597	-55.81	-13	Pass	9700
1000	1700	1	RMS	1692.99	-44.23	-13	Pass	700
1700	1765	1	RMS	1710.617	22.13	60	Pass	601
1765	3000	1	RMS	2659.724	-40.08	-13	Pass	1235
3000	12000	1	RMS	11913.99	-48.87	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.26	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20000, 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	-53.94	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.45	-13	Pass	2985
30	1000	0.1	RMS	970.297	-55.87	-13	Pass	9700
1000	1700	1	RMS	1700	-45.02	-13	Pass	700
1700	1765	1	RMS	1719.392	22.11	60	Pass	601
1765	3000	1	RMS	2659.724	-40.1	-13	Pass	1235
3000	12000	1	RMS	11919.991	-48.83	-13	Pass	9000
12000	18000	1	RMS	16604.767	-36.3	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





#### 1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:20000, 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	-53.1	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.03	-13	Pass	2985
30	1000	0.1	RMS	945.694	-55.89	-13	Pass	9700
1000	1700	1	RMS	1692.99	-44.64	-13	Pass	700
1700	1765	1	RMS	1710.617	21.31	60	Pass	601
1765	3000	1	RMS	2659.724	-40.1	-13	Pass	1235
3000	12000	1	RMS	11921.991	-48.84	-13	Pass	9000
12000	18000	1	RMS	16594.766	-36.26	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





# 1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20000, 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	-53.93	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.99	-13	Pass	2985
30	1000	0.1	RMS	991.199	-55.91	-13	Pass	9700
1000	1700	1	RMS	1700	-45	-13	Pass	700
1700	1765	1	RMS	1719.392	21.37	60	Pass	601
1765	3000	1	RMS	2657.723	-40.09	-13	Pass	1235
3000	12000	1	RMS	11914.991	-48.78	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.22	-13	Pass	6000
30 - 25 - 30								





## 1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

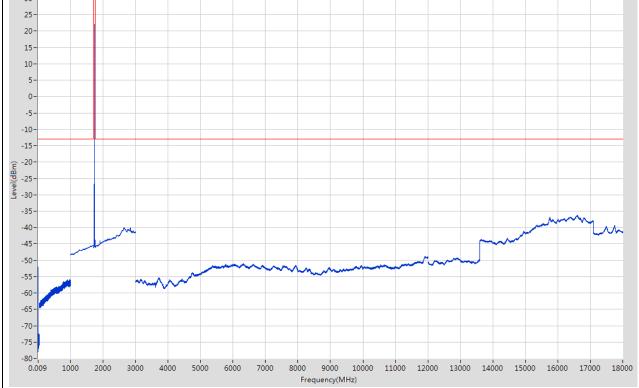
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.46	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.8	-13	Pass	2985
30	1000	0.1	RMS	982.998	-55.9	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.54	-13	Pass	700
1700	1765	1	RMS	1728.058	22.14	60	Pass	601
1765	3000	1	RMS	2659.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11912.99	-48.82	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.21	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20175, 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	-53.48	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.07	-13	Pass	2985
30	1000	0.1	RMS	900.39	-55.95	-13	Pass	9700
1000	1700	1	RMS	1696.996	-45.51	-13	Pass	700
1700	1765	1	RMS	1736.942	22.1	60	Pass	601
1765	3000	1	RMS	2656.722	-40.06	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.85	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.26	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





#### 1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20175, 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	-53.42	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.91	-13	Pass	2985
30	1000	0.1	RMS	913.091	-55.82	-13	Pass	9700
1000	1700	1	RMS	1692.99	-45.53	-13	Pass	700
1700	1765	1	RMS	1728.058	21.25	60	Pass	601
1765	3000	1	RMS	2658.724	-40.08	-13	Pass	1235
3000	12000	1	RMS	11918.991	-48.81	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.18	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20175, 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	-54.31	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.77	-13	Pass	2985
30	1000	0.1	RMS	927.793	-55.68	-13	Pass	9700
1000	1700	1	RMS	1692.99	-45.56	-13	Pass	700
1700	1765	1	RMS	1736.942	21.19	60	Pass	601
1765	3000	1	RMS	2659.724	-40.05	-13	Pass	1235
3000	12000	1	RMS	11904.989	-48.86	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.22	-13	Pass	6000
30- 25- 20- 15-								





# 1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

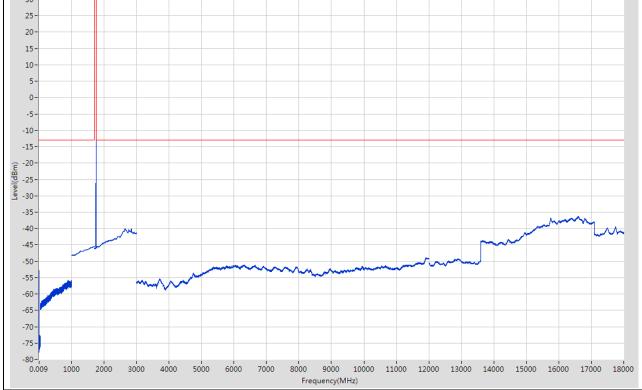
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.5	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.11	-13	Pass	2985
30	1000	0.1	RMS	961.796	-55.88	-13	Pass	9700
1000	1700	1	RMS	1696.996	-45.53	-13	Pass	700
1700	1765	1	RMS	1745.608	22.1	60	Pass	601
1765	3000	1	RMS	2658.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11914.991	-48.8	-13	Pass	9000
12000	18000	1	RMS	16605.768	-36.29	-13	Pass	6000
30-								





## 1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:20350, 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	-53.71	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.78	-13	Pass	2985
30	1000	0.1	RMS	887.088	-55.83	-13	Pass	9700
1000	1700	1	RMS	1693.991	-45.53	-13	Pass	700
1700	1765	1	RMS	1754.383	22.04	60	Pass	601
1765	3000	1	RMS	2660.725	-40.09	-13	Pass	1235
3000	12000	1	RMS	11922.991	-48.88	-13	Pass	9000
12000	18000	1	RMS	16599.767	-36.25	-13	Pass	6000
30- 25- 20- 15-								





#### 1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:20350, 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	0.012	-54.33	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.97	-13	Pass	2985
30	1000	0.1	RMS	998.4	-55.86	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.53	-13	Pass	700
1700	1765	1	RMS	1745.608	21.19	60	Pass	601
1765	3000	1	RMS	2658.724	-40.08	-13	Pass	1235
3000	12000	1	RMS	11909.99	-48.85	-13	Pass	9000
12000	18000	1	RMS	16589.765	-36.31	-13	Pass	6000
30- 25- 20-								





## 1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:20350, 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	-53.26	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.67	-13	Pass	2985
30	1000	0.1	RMS	909.591	-55.41	-13	Pass	9700
1000	1700	1	RMS	1694.993	-45.56	-13	Pass	700
1700	1765	1	RMS	1754.383	21.18	60	Pass	601
1765	3000	1	RMS	2657.723	-40.1	-13	Pass	1235
3000	12000	1	RMS	11907.99	-48.85	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.22	-13	Pass	6000
30- 25- 20-								





## 1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

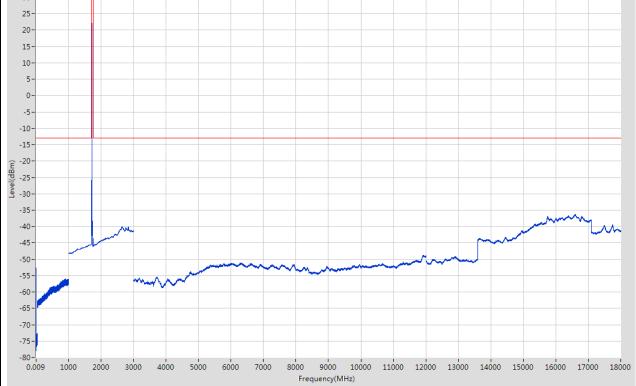
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.18	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.12	-13	Pass	2985
30	1000	0.1	RMS	914.491	-55.89	-13	Pass	9700
1000	1700	1	RMS	1697.997	-43.13	-13	Pass	700
1700	1765	1	RMS	1710.833	22.1	60	Pass	601
1765	3000	1	RMS	2658.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11908.99	-48.87	-13	Pass	9000
12000	18000	1	RMS	16593.766	-36.12	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





## 1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

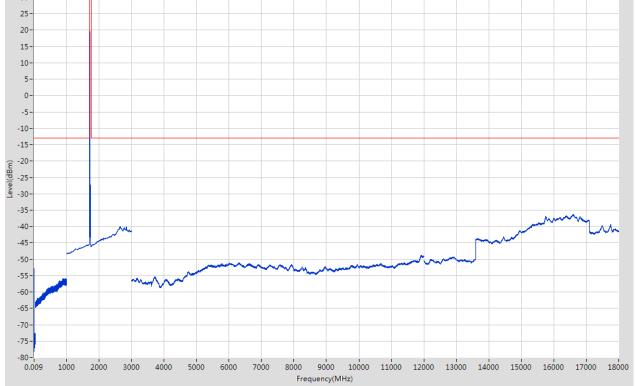
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.72	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.59	-13	Pass	2985
30	1000	0.1	RMS	900.59	-56.02	-13	Pass	9700
1000	1700	1	RMS	1697.997	-30	-13	Pass	700
1700	1765	1	RMS	1724.158	22.08	60	Pass	601
1765	3000	1	RMS	2658.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11922.991	-48.86	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.22	-13	Pass	6000
30- 25- 20- 15- 10- 5- 0-								





# 1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

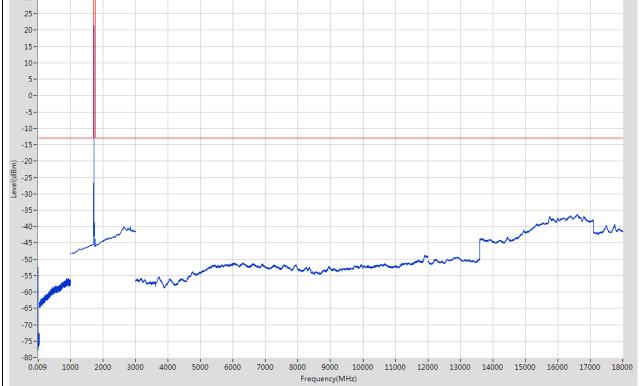
·			·		,		
Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.15	0.001	RMS	0.009	-52.73	-13	Pass	601
30	0.01	RMS	0.16	-52.96	-13	Pass	2985
1000	0.1	RMS	928.693	-55.94	-13	Pass	9700
1700	1	RMS	1697.997	-43.54	-13	Pass	700
1765	1	RMS	1710.833	21.26	60	Pass	601
3000	1	RMS	2659.724	-40	-13	Pass	1235
12000	1	RMS	11936.993	-48.86	-13	Pass	9000
18000	1	RMS	16599.767	-36.29	-13	Pass	6000
	Frequency (MHz) 0.15 30 1000 1700 1765 3000 12000	Frequency (MHz)         RBW (MHz)           0.15         0.001           30         0.01           1000         0.1           1700         1           1765         1           3000         1           12000         1	Frequency (MHz)         RBW (MHz)         Detector           0.15         0.001         RMS           30         0.01         RMS           1000         0.1         RMS           1700         1         RMS           1765         1         RMS           3000         1         RMS           12000         1         RMS	Frequency (MHz)         RBW (MHz)         Detector (MHz)         Frequency (MHz)           0.15         0.001         RMS         0.009           30         0.01         RMS         0.16           1000         0.1         RMS         928.693           1700         1         RMS         1697.997           1765         1         RMS         1710.833           3000         1         RMS         2659.724           12000         1         RMS         11936.993	Frequency (MHz)         RBW (MHz)         Detector         Frequency (MHz)         Power (dBm)           0.15         0.001         RMS         0.009         -52.73           30         0.01         RMS         0.16         -52.96           1000         0.1         RMS         928.693         -55.94           1700         1         RMS         1697.997         -43.54           1765         1         RMS         1710.833         21.26           3000         1         RMS         2659.724         -40           12000         1         RMS         11936.993         -48.86	Frequency (MHz)         RBW (MHz)         Detector (MHz)         Frequency (MHz)         Power (dBm)         Limit (dBm)           0.15         0.001         RMS         0.009         -52.73         -13           30         0.01         RMS         0.16         -52.96         -13           1000         0.1         RMS         928.693         -55.94         -13           1700         1         RMS         1697.997         -43.54         -13           1765         1         RMS         1710.833         21.26         60           3000         1         RMS         2659.724         -40         -13           12000         1         RMS         11936.993         -48.86         -13	Frequency (MHz)         RBW (MHz)         Detector (MHz)         Frequency (MHz)         Power (dBm)         Limit (dBm)         Verdict           0.15         0.001         RMS         0.009         -52.73         -13         Pass           30         0.01         RMS         0.16         -52.96         -13         Pass           1000         0.1         RMS         928.693         -55.94         -13         Pass           1700         1         RMS         1697.997         -43.54         -13         Pass           1765         1         RMS         1710.833         21.26         60         Pass           3000         1         RMS         2659.724         -40         -13         Pass           12000         1         RMS         11936.993         -48.86         -13         Pass





# 1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

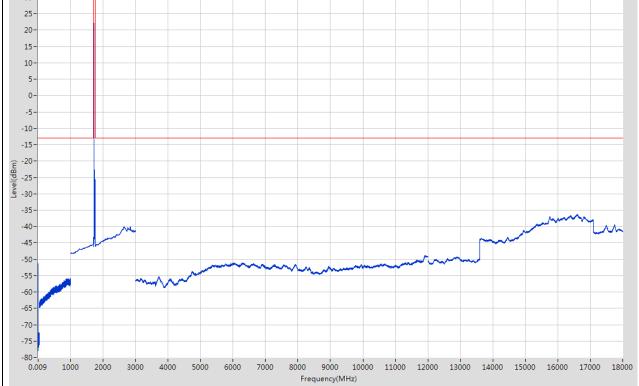
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.67	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.5	-13	Pass	2985
30	1000	0.1	RMS	869.687	-55.89	-13	Pass	9700
1000	1700	1	RMS	1697.997	-31.15	-13	Pass	700
1700	1765	1	RMS	1724.158	21.34	60	Pass	601
1765	3000	1	RMS	2657.723	-40.09	-13	Pass	1235
3000	12000	1	RMS	11900.989	-48.77	-13	Pass	9000
12000	18000	1	RMS	16599.767	-36.24	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 -								





## 1.53. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:20175, 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	-53.66	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.42	-13	Pass	2985
30	1000	0.1	RMS	986.499	-55.86	-13	Pass	9700
1000	1700	1	RMS	1698.999	-43.35	-13	Pass	700
1700	1765	1	RMS	1725.892	22.11	60	Pass	601
1765	3000	1	RMS	2659.724	-40.1	-13	Pass	1235
3000	12000	1	RMS	11906.99	-48.86	-13	Pass	9000
12000	18000	1	RMS	16599.767	-36.24	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 -								





## 1.54. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

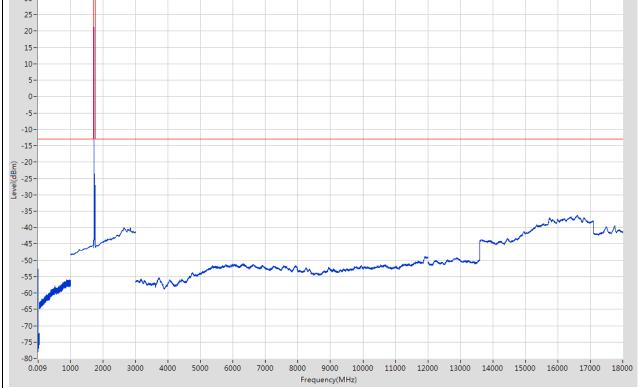
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.47	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.37	-13	Pass	2985
30	1000	0.1	RMS	904.59	-55.93	-13	Pass	9700
1000	1700	1	RMS	1693.991	-45.54	-13	Pass	700
1700	1765	1	RMS	1739.108	22.02	60	Pass	601
1765	3000	1	RMS	2661.726	-40.03	-13	Pass	1235
3000	12000	1	RMS	11922.991	-48.86	-13	Pass	9000
12000	18000	1	RMS	16595.766	-36.22	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





# 1.55. LTE Transmitter Spurious Emissions(NTNV)(Subtest:55, Channel:20175, 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	-54.2	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.71	-13	Pass	2985
30	1000	0.1	RMS	872.887	-55.95	-13	Pass	9700
1000	1700	1	RMS	1698.999	-43.9	-13	Pass	700
1700	1765	1	RMS	1725.892	21.15	60	Pass	601
1765	3000	1	RMS	2658.724	-40.08	-13	Pass	1235
3000	12000	1	RMS	11918.991	-48.86	-13	Pass	9000
12000	18000	1	RMS	16597.766	-36.21	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.56. LTE Transmitter Spurious Emissions(NTNV)(Subtest:56, Channel:20175, 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	-53.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.6	-13	Pass	2985
30	1000	0.1	RMS	888.088	-55.77	-13	Pass	9700
1000	1700	1	RMS	1693.991	-45.55	-13	Pass	700
1700	1765	1	RMS	1739.217	21.12	60	Pass	601
1765	3000	1	RMS	2659.724	-40.04	-13	Pass	1235
3000	12000	1	RMS	11912.99	-48.79	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.22	-13	Pass	6000
30- 25- 20- 15- 10-								





## 1.57. LTE Transmitter Spurious Emissions(NTNV)(Subtest:57, Channel:20325, 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	-53.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.48	-13	Pass	2985
30	1000	0.1	RMS	884.688	-55.88	-13	Pass	9700
1000	1700	1	RMS	1691.989	-45.54	-13	Pass	700
1700	1765	1	RMS	1740.842	22.03	60	Pass	601
1765	3000	1	RMS	1767.002	-32.75	-13	Pass	1235
3000	12000	1	RMS	11922.991	-48.81	-13	Pass	9000
12000	18000	1	RMS	16591.765	-36.3	-13	Pass	6000
30- 25- 20-								





## 1.58. LTE Transmitter Spurious Emissions(NTNV)(Subtest:58, Channel:20325, 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	-53.49	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.62	-13	Pass	2985
30	1000	0.1	RMS	905.79	-55.97	-13	Pass	9700
1000	1700	1	RMS	1700	-45.54	-13	Pass	700
1700	1765	1	RMS	1754.167	22	60	Pass	601
1765	3000	1	RMS	2658.724	-40.12	-13	Pass	1235
3000	12000	1	RMS	11913.99	-48.7	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.2	-13	Pass	6000
30- 25- 20- 15-								





#### 1.59. LTE Transmitter Spurious Emissions(NTNV)(Subtest:59, Channel:20325, 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	-54.12	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.8	-13	Pass	2985
30	1000	0.1	RMS	918.792	-55.84	-13	Pass	9700
1000	1700	1	RMS	1695.994	-45.56	-13	Pass	700
1700	1765	1	RMS	1740.842	21.24	60	Pass	601
1765	3000	1	RMS	1767.002	-33.65	-13	Pass	1235
3000	12000	1	RMS	11913.99	-48.86	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.24	-13	Pass	6000
30- 25- 20- 15-								





## 1.60. LTE Transmitter Spurious Emissions(NTNV)(Subtest:60, Channel:20325, 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	0.011	-54.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.68	-13	Pass	2985
30	1000	0.1	RMS	910.691	-55.95	-13	Pass	9700
1000	1700	1	RMS	1700	-45.48	-13	Pass	700
1700	1765	1	RMS	1754.167	21.21	60	Pass	601
1765	3000	1	RMS	2658.724	-40.11	-13	Pass	1235
3000	12000	1	RMS	11910.99	-48.83	-13	Pass	9000
12000	18000	1	RMS	16603.767	-36.23	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





## 1.61. LTE Transmitter Spurious Emissions(NTNV)(Subtest:61, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

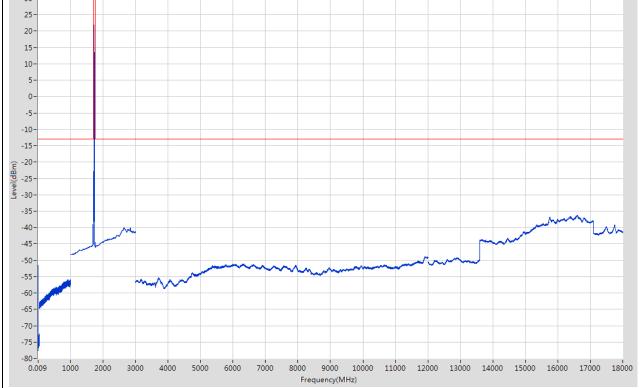
						-		
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.25	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.61	-13	Pass	2985
30	1000	0.1	RMS	993.099	-56.01	-13	Pass	9700
1000	1700	1	RMS	1692.99	-44.31	-13	Pass	700
1700	1765	1	RMS	1711.05	22	60	Pass	601
1765	3000	1	RMS	2658.724	-40.08	-13	Pass	1235
3000	12000	1	RMS	11915.991	-48.8	-13	Pass	9000
12000	18000	1	RMS	16593.766	-36.17	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.62. LTE Transmitter Spurious Emissions(NTNV)(Subtest:62, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

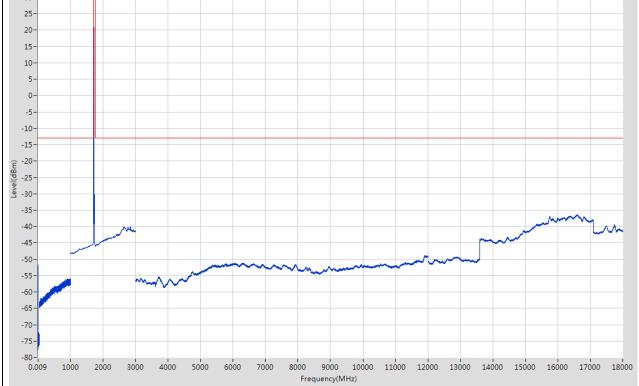
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-54.3	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.5	-13	Pass	2985
30	1000	0.1	RMS	996.6	-55.89	-13	Pass	9700
1000	1700	1	RMS	1692.99	-34.43	-13	Pass	700
1700	1765	1	RMS	1728.925	21.99	60	Pass	601
1765	3000	1	RMS	2656.722	-40.09	-13	Pass	1235
3000	12000	1	RMS	11921.991	-48.87	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.21	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 -								





## 1.63. LTE Transmitter Spurious Emissions(NTNV)(Subtest:63, Channel:20050, 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	-53.77	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.7	-13	Pass	2985
30	1000	0.1	RMS	915.191	-55.94	-13	Pass	9700
1000	1700	1	RMS	1700	-44.57	-13	Pass	700
1700	1765	1	RMS	1711.05	21.19	60	Pass	601
1765	3000	1	RMS	2660.725	-40.09	-13	Pass	1235
3000	12000	1	RMS	11917.991	-48.87	-13	Pass	9000
12000	18000	1	RMS	16602.767	-36.24	-13	Pass	6000
30 - 25 - 20 - 15 - 10 - 5 -								





# 1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:20050, 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	-53.72	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.15	-13	Pass	2985
30	1000	0.1	RMS	909.491	-55.96	-13	Pass	9700
1000	1700	1	RMS	1692.99	-35.45	-13	Pass	700
1700	1765	1	RMS	1728.925	21.28	60	Pass	601
1765	3000	1	RMS	2661.726	-40.08	-13	Pass	1235
3000	12000	1	RMS	11931.992	-48.86	-13	Pass	9000
12000	18000	1	RMS	16599.767	-36.25	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





## 1.65. LTE Transmitter Spurious Emissions(NTNV)(Subtest:65, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.54	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.48	-13	Pass	2985
30	1000	0.1	RMS	992.899	-55.89	-13	Pass	9700
1000	1700	1	RMS	1700	-45.46	-13	Pass	700
1700	1765	1	RMS	1723.617	21.97	60	Pass	601
1765	3000	1	RMS	2657.723	-40.11	-13	Pass	1235
3000	12000	1	RMS	11930.992	-48.8	-13	Pass	9000
12000	18000	1	RMS	16599.767	-36.2	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





# 1.66. LTE Transmitter Spurious Emissions(NTNV)(Subtest:66, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.55	-13	Pass	2985
30	1000	0.1	RMS	967.497	-55.91	-13	Pass	9700
1000	1700	1	RMS	1698.999	-45.52	-13	Pass	700
1700	1765	1	RMS	1741.383	21.91	60	Pass	601
1765	3000	1	RMS	2658.724	-40.07	-13	Pass	1235
3000	12000	1	RMS	11917.991	-48.82	-13	Pass	9000
12000	18000	1	RMS	16605.768	-36.26	-13	Pass	6000
30- 25- 20- 15-								





## 1.67. LTE Transmitter Spurious Emissions(NTNV)(Subtest:67, Channel:20175, 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	-54.1	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.2	-13	Pass	2985
30	1000	0.1	RMS	943.194	-55.91	-13	Pass	9700
1000	1700	1	RMS	1700	-45.53	-13	Pass	700
1700	1765	1	RMS	1723.617	21.09	60	Pass	601
1765	3000	1	RMS	2659.724	-40.1	-13	Pass	1235
3000	12000	1	RMS	11907.99	-48.77	-13	Pass	9000
12000	18000	1	RMS	16596.766	-36.25	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





## 1.68. LTE Transmitter Spurious Emissions(NTNV)(Subtest:68, Channel:20175, 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	-53.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.76	-13	Pass	2985
30	1000	0.1	RMS	897.589	-55.97	-13	Pass	9700
1000	1700	1	RMS	1700	-45.52	-13	Pass	700
1700	1765	1	RMS	1741.383	21.02	60	Pass	601
1765	3000	1	RMS	2659.724	-40.08	-13	Pass	1235
3000	12000	1	RMS	11906.99	-48.79	-13	Pass	9000
12000	18000	1	RMS	16597.766	-36.06	-13	Pass	6000
30- 25- 20- 15- 10- 5-								





## 1.69. LTE Transmitter Spurious Emissions(NTNV)(Subtest:69, Channel:20300, 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	-52.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.75	-13	Pass	2985
30	1000	0.1	RMS	959.696	-55.97	-13	Pass	9700
1000	1700	1	RMS	1700	-44.58	-13	Pass	700
1700	1765	1	RMS	1736.075	21.98	60	Pass	601
1765	3000	1	RMS	1772.006	-33.93	-13	Pass	1235
3000	12000	1	RMS	11915.991	-48.77	-13	Pass	9000
12000	18000	1	RMS	16592.765	-36.26	-13	Pass	6000
30- 25- 20- 15-								





## 1.70. LTE Transmitter Spurious Emissions(NTNV)(Subtest:70, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.78	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.63	-13	Pass	2985
30	1000	0.1	RMS	903.89	-55.76	-13	Pass	9700
1000	1700	1	RMS	1680.973	-45.54	-13	Pass	700
1700	1765	1	RMS	1753.95	21.87	60	Pass	601
1765	3000	1	RMS	2659.724	-40.09	-13	Pass	1235
3000	12000	1	RMS	11908.99	-48.88	-13	Pass	9000
12000	18000	1	RMS	16603.767	-36.15	-13	Pass	6000
30 - 25 - 20 - 15 - 10 -								





#### 1.71. LTE Transmitter Spurious Emissions(NTNV)(Subtest:71, Channel:20300, 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	-53.78	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.65	-13	Pass	2985
30	1000	0.1	RMS	926.592	-55.73	-13	Pass	9700
1000	1700	1	RMS	1700	-44.65	-13	Pass	700
1700	1765	1	RMS	1736.075	21.1	60	Pass	601
1765	3000	1	RMS	1772.006	-35.13	-13	Pass	1235
3000	12000	1	RMS	11910.99	-48.82	-13	Pass	9000
12000	18000	1	RMS	16598.766	-36.22	-13	Pass	6000
30 - 25 - 20 -								





## 1.72. LTE Transmitter Spurious Emissions(NTNV)(Subtest:72, Channel:20300, 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	-53.66	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.08	-13	Pass	2985
30	1000	0.1	RMS	909.091	-55.77	-13	Pass	9700
1000	1700	1	RMS	1698.999	-45.52	-13	Pass	700
1700	1765	1	RMS	1753.95	20.96	60	Pass	601
1765	3000	1	RMS	2661.726	-40.1	-13	Pass	1235
3000	12000	1	RMS	11910.99	-48.75	-13	Pass	9000
12000	18000	1	RMS	16600.767	-36.25	-13	Pass	6000
30- 25- 20- 15- 10-								





END