

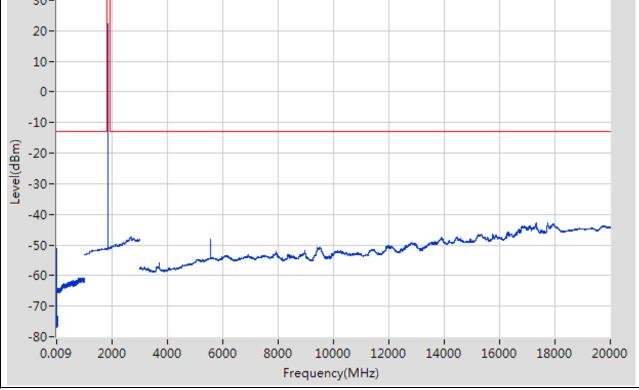
#### **Annex C. LTE Transmitter Spurious Emissions**



#### 1. LTE\_Band2

## 1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

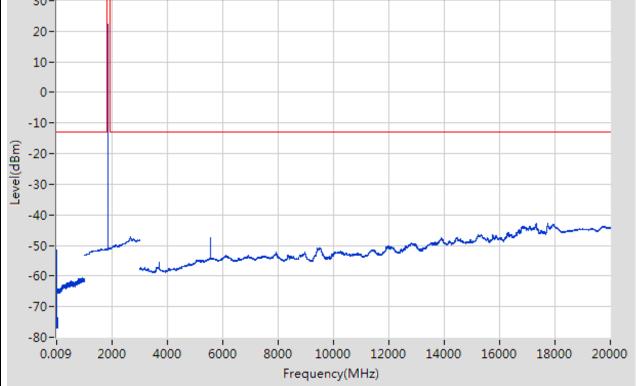
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-51.15	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.32	-13	Pass	2985
30	1000	0.1	RMS	922.592	-60.73	-13	Pass	9700
1000	1830	1	RMS	1786.948	-51.15	-13	Pass	830
1830	1920	1	RMS	1850.25	22.36	60	Pass	601
1920	3000	1	RMS	2662.688	-47.39	-13	Pass	1080
3000	12000	1	RMS	5550.283	-47.98	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.67	-13	Pass	8000
30 - 20 - 10 - 0 -								





## 1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

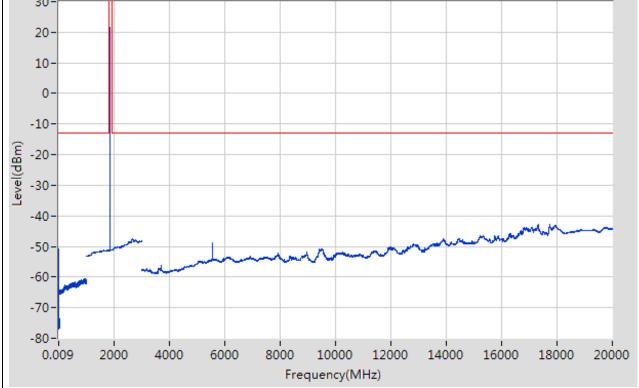
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.45	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.81	-13	Pass	2985
30	1000	0.1	RMS	935.193	-60.71	-13	Pass	9700
1000	1830	1	RMS	1830	-51.13	-13	Pass	830
1830	1920	1	RMS	1851.15	22.2	60	Pass	601
1920	3000	1	RMS	2667.692	-47.3	-13	Pass	1080
3000	12000	1	RMS	5553.284	-47.56	-13	Pass	9000
12000	20000	1	RMS	17746.718	-42.75	-13	Pass	8000
30 - 20 - 10 -								





## 1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

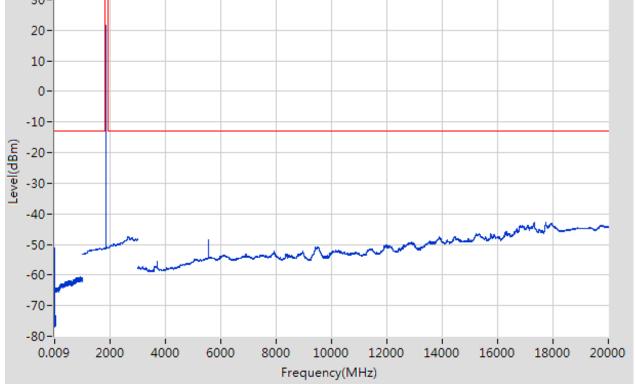
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.82	-13	Pass	2985
30	1000	0.1	RMS	954.495	-60.6	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.13	-13	Pass	830
1830	1920	1	RMS	1850.25	21.58	60	Pass	601
1920	3000	1	RMS	2666.691	-47.4	-13	Pass	1080
3000	12000	1	RMS	5550.283	-48.91	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.75	-13	Pass	8000
30- 20- 10- 0-								





## 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:18607, 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	-51.3	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.6	-13	Pass	2985
30	1000	0.1	RMS	935.193	-60.69	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.1	-13	Pass	830
1830	1920	1	RMS	1851.15	21.59	60	Pass	601
1920	3000	1	RMS	2666.691	-47.43	-13	Pass	1080
3000	12000	1	RMS	5553.284	-48.34	-13	Pass	9000
12000	20000	1	RMS	17745.718	-42.66	-13	Pass	8000
30- 20- 10- 0-								





-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

14000

16000

18000

#### 1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:18900, 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	0.009	-51.55	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.8	-13	Pass	298
30	1000	0.1	RMS	938.894	-60.63	-13	Pass	970
1000	1830	1	RMS	1820.989	-51.13	-13	Pass	83
1830	1920	1	RMS	1879.5	21.8	60	Pass	60
1920	3000	1	RMS	2666.691	-47.39	-13	Pass	108
3000	12000	1	RMS	5638.293	-42.46	-13	Pass	900
12000	20000	1	RMS	17740.718	-42.72	-13	Pass	800
20- 10- 0- -10-								
-20 - -30 - -40 - -50 -							men_	



#### 1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:18900, 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	-50.94	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.92	-13	Pass	2985
30	1000	0.1	RMS	928.493	-60.55	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.12	-13	Pass	830
1830	1920	1	RMS	1880.4	21.7	60	Pass	601
1920	3000	1	RMS	2665.69	-47.41	-13	Pass	1080
3000	12000	1	RMS	5641.293	-41.75	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.71	-13	Pass	8000
20- 10- 0- -10- (\hat{Wgp}) -30- -40- -50- -60- -70- -80-								

0.009

Frequency(MHz)

12000 14000



-80-

0.009

# 1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:18900, 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	-51.42	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.04	-13	Pass	2985
30	1000	0.1	RMS	953.795	-60.71	-13	Pass	9700
1000	1830	1	RMS	1822.992	-51.16	-13	Pass	830
1830	1920	1	RMS	1879.5	21.25	60	Pass	601
1920	3000	1	RMS	2666.691	-47.39	-13	Pass	1080
3000	12000	1	RMS	5638.293	-43.75	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.71	-13	Pass	8000
20- 10- 0- -10- (Mg -20- -30- -40- -50- -60- -70-							provide the same of the same o	

Frequency(MHz)



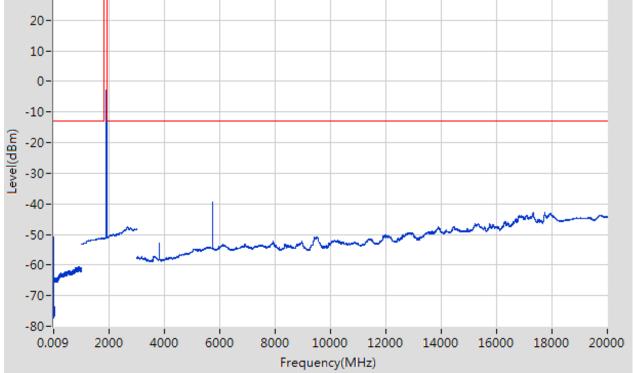
#### 1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	0.01	-51.32	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53	-13	Pass	2985
30	1000	0.1	RMS	935.893	-60.61	-13	Pass	9700
1000	1830	1	RMS	1826.996	-51.12	-13	Pass	830
1830	1920	1	RMS	1880.4	21.16	60	Pass	601
1920	3000	1	RMS	2668.693	-47.4	-13	Pass	1080
3000	12000	1	RMS	5641.293	-43.09	-13	Pass	9000
12000	20000	1	RMS	17746.718	-42.7	-13	Pass	8000
30- 20- 10- 0- -10-								



## 1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:19193, 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	0.01	-50.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.87	-13	Pass	2985
30	1000	0.1	RMS	905.69	-60.66	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.16	-13	Pass	830
1830	1920	1	RMS	1908.9	21.39	60	Pass	601
1920	3000	1	RMS	2664.69	-47.38	-13	Pass	1080
3000	12000	1	RMS	5726.303	-39.42	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.71	-13	Pass	8000
30- 20- 10- 0- -10-								





-60

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

14000

16000

18000

20000

#### 1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:19193, 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	0.01	-50.89	-13	Pass	60
0.15	30	0.01	RMS	0.15	-53.73	-13	Pass	298
30	1000	0.1	RMS	929.593	-60.32	-13	Pass	970
1000	1830	1	RMS	1822.992	-51.17	-13	Pass	83
1830	1920	1	RMS	1909.8	21.09	60	Pass	60
1920	3000	1	RMS	2664.69	-47.36	-13	Pass	1080
3000	12000	1	RMS	5729.303	-39.08	-13	Pass	900
12000	20000	1	RMS	17739.717	-42.7	-13	Pass	8008
30- 20- 10- 0- -10- -20-								
-40-							malah	



#### 1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:19193, 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	-51.67	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.26	-13	Pass	2985
30	1000	0.1	RMS	937.594	-60.49	-13	Pass	9700
1000	1830	1	RMS	1822.992	-51.18	-13	Pass	830
1830	1920	1	RMS	1908.9	21.01	60	Pass	601
1920	3000	1	RMS	2664.69	-47.41	-13	Pass	1080
3000	12000	1	RMS	5726.303	-40.44	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.74	-13	Pass	8000
30- 20- 10- 0- -10- \overline{\mathbb{E}} -20-								



-40-

-50-

-60-

-70-

-80-

0.009

2000

4000

6000

#### 1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:19193, 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	0.01	-51.56	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.68	-13	Pass	2985
30	1000	0.1	RMS	892.389	-60.73	-13	Pass	9700
1000	1830	1	RMS	1830	-51.18	-13	Pass	830
1830	1920	1	RMS	1909.8	20.69	60	Pass	601
1920	3000	1	RMS	2666.691	-47.4	-13	Pass	1080
3000	12000	1	RMS	5729.303	-39.92	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.74	-13	Pass	8000
30- 20- 10- 0- -10- Eng-20-								

8000

10000

Frequency(MHz)

12000

14000

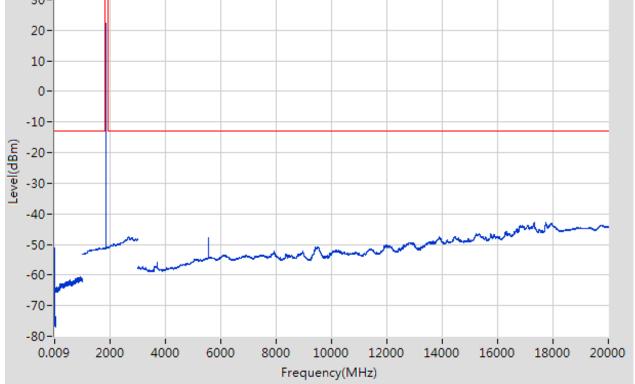
16000

18000



#### 1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

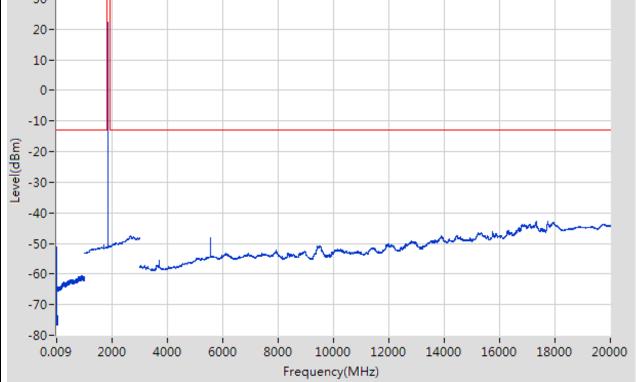
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.05	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.85	-13	Pass	2985
30	1000	0.1	RMS	936.793	-60.59	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.12	-13	Pass	830
1830	1920	1	RMS	1850.25	22.18	60	Pass	601
1920	3000	1	RMS	2668.693	-47.41	-13	Pass	1080
3000	12000	1	RMS	5550.283	-47.67	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.74	-13	Pass	8000
30- 20- 10- 0-								





#### 1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

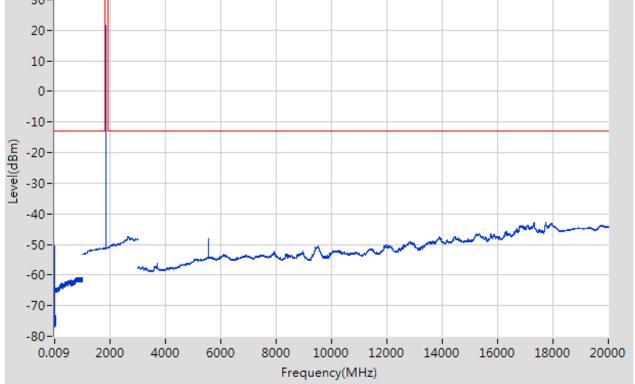
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.22	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.01	-13	Pass	2985
30	1000	0.1	RMS	903.09	-60.64	-13	Pass	9700
1000	1830	1	RMS	1714.861	-50.51	-13	Pass	830
1830	1920	1	RMS	1852.8	22.3	60	Pass	601
1920	3000	1	RMS	2667.692	-47.41	-13	Pass	1080
3000	12000	1	RMS	5558.284	-48.16	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.74	-13	Pass	8000
30- 20- 10- 0-								





#### 1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

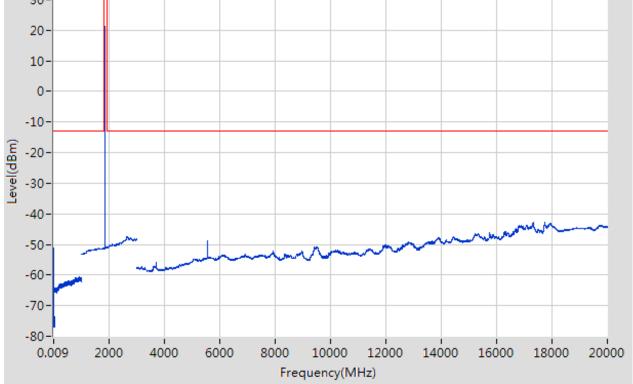
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.58	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.84	-13	Pass	2985
30	1000	0.1	RMS	941.494	-60.79	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.14	-13	Pass	830
1830	1920	1	RMS	1850.25	21.47	60	Pass	601
1920	3000	1	RMS	2665.69	-47.4	-13	Pass	1080
3000	12000	1	RMS	5550.283	-48.24	-13	Pass	9000
12000	20000	1	RMS	17744.718	-42.76	-13	Pass	8000
30- 20- 10- 0-								





#### 1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

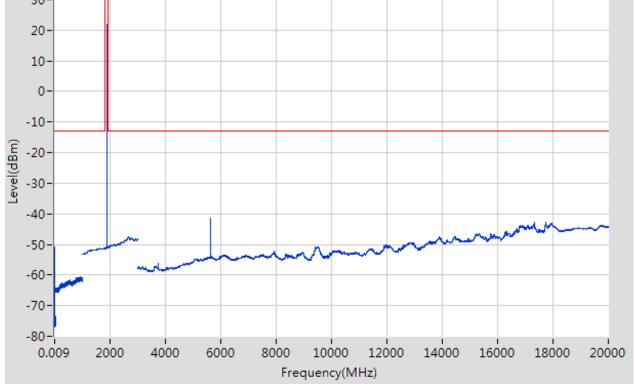
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.09	-13	Pass	2985
30	1000	0.1	RMS	929.293	-60.69	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.13	-13	Pass	830
1830	1920	1	RMS	1852.8	21.39	60	Pass	601
1920	3000	1	RMS	2664.69	-47.42	-13	Pass	1080
3000	12000	1	RMS	5558.284	-48.79	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.73	-13	Pass	8000
30 - 20 - 10 - 0 - -10 -								





#### 1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

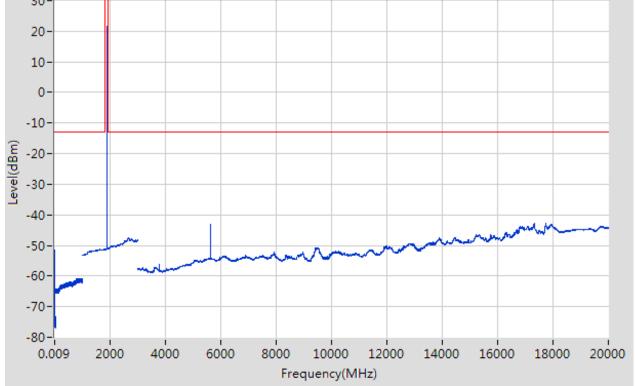
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.6	-13	Pass	2985
30	1000	0.1	RMS	913.091	-60.6	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.13	-13	Pass	830
1830	1920	1	RMS	1878.75	21.86	60	Pass	601
1920	3000	1	RMS	2668.693	-47.39	-13	Pass	1080
3000	12000	1	RMS	5636.293	-41.28	-13	Pass	9000
12000	20000	1	RMS	17745.718	-42.74	-13	Pass	8000
30 - 20 - 10 - 0 -								





## 1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

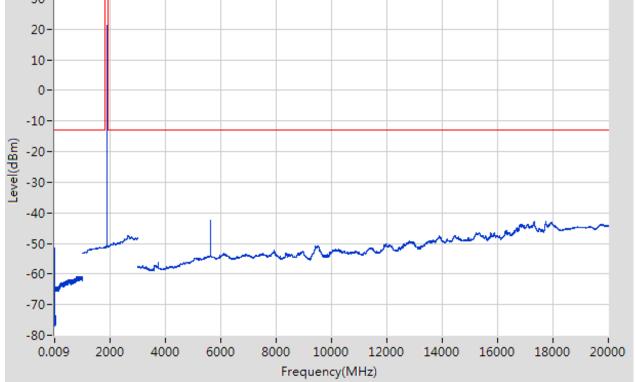
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.3	-13	Pass	2985
30	1000	0.1	RMS	945.494	-60.73	-13	Pass	9700
1000	1830	1	RMS	1825.995	-51.12	-13	Pass	830
1830	1920	1	RMS	1881.3	21.69	60	Pass	601
1920	3000	1	RMS	2667.692	-47.41	-13	Pass	1080
3000	12000	1	RMS	5643.294	-43.27	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.71	-13	Pass	8000
30- 20- 10- 0-								





#### 1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:18900, 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	-51.55	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.21	-13	Pass	2985
30	1000	0.1	RMS	943.894	-60.74	-13	Pass	9700
1000	1830	1	RMS	1811.978	-51.17	-13	Pass	830
1830	1920	1	RMS	1878.75	21.43	60	Pass	601
1920	3000	1	RMS	2668.693	-47.42	-13	Pass	1080
3000	12000	1	RMS	5636.293	-42.28	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.75	-13	Pass	8000
30- 20- 10- 0-								





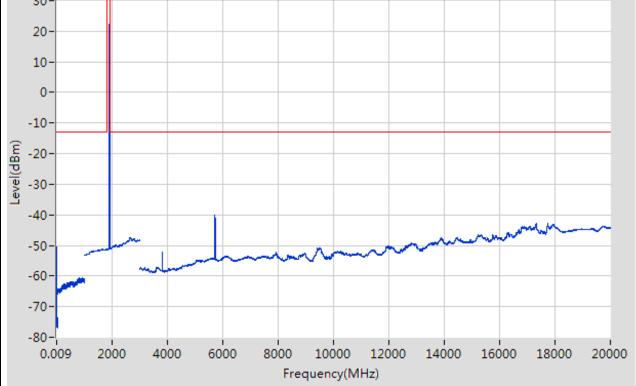
#### 1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	-51.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.41	-13	Pass	2985
30	1000	0.1	RMS	858.585	-60.67	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.14	-13	Pass	830
1830	1920	1	RMS	1881.3	21.17	60	Pass	601
1920	3000	1	RMS	2661.687	-47.43	-13	Pass	1080
3000	12000	1	RMS	5643.294	-44.27	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.74	-13	Pass	8000
30- 20- 10- 0- -10-								



#### 1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

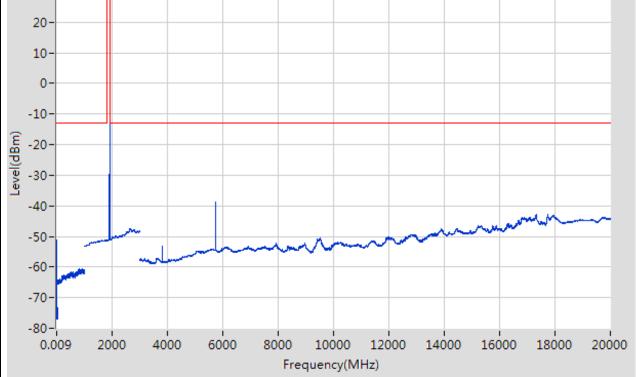
	·		•	·		,		
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.5	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.35	-13	Pass	2985
30	1000	0.1	RMS	811.981	-60.56	-13	Pass	9700
1000	1830	1	RMS	1823.993	-51.1	-13	Pass	830
1830	1920	1	RMS	1907.25	22.15	60	Pass	601
1920	3000	1	RMS	2669.694	-47.4	-13	Pass	1080
3000	12000	1	RMS	5721.302	-40.2	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.72	-13	Pass	8000
30- 20- 10- 0-								





## 1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:19185, 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	0.01	-51.32	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.06	-13	Pass	2985
30	1000	0.1	RMS	797.779	-60.66	-13	Pass	9700
1000	1830	1	RMS	1822.992	-51.14	-13	Pass	830
1830	1920	1	RMS	1909.8	21.26	60	Pass	601
1920	3000	1	RMS	2666.691	-47.35	-13	Pass	1080
3000	12000	1	RMS	5729.303	-38.65	-13	Pass	9000
12000	20000	1	RMS	17749.719	-42.75	-13	Pass	8000
30- 20- 10- 0-								





#### 1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:19185, 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	-52.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.46	-13	Pass	2985
30	1000	0.1	RMS	949.595	-60.57	-13	Pass	9700
1000	1830	1	RMS	1826.996	-51.13	-13	Pass	830
1830	1920	1	RMS	1907.25	21.49	60	Pass	601
1920	3000	1	RMS	2664.69	-47.4	-13	Pass	1080
3000	12000	1	RMS	5721.302	-42.61	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.68	-13	Pass	8000
30- 20- 10- 0- -10-								



-30

-40-

-50-

-60-

-70-

-80-

0.009

2000

4000

6000

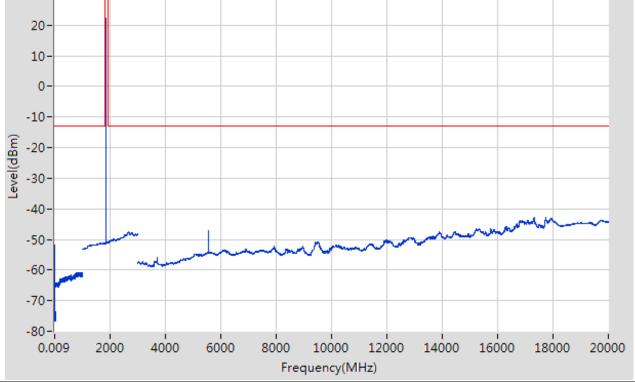
#### 1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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	0.011	-51.22	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.72	-13	Pass	2985
30	1000	0.1	RMS	947.195	-60.71	-13	Pass	9700
1000	1830	1	RMS	1823.993	-51.17	-13	Pass	830
1830	1920	1	RMS	1909.8	20.84	60	Pass	601
1920	3000	1	RMS	2667.692	-47.4	-13	Pass	1080
3000	12000	1	RMS	5729.303	-39.61	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.69	-13	Pass	8000
30- 20- 10- 0- -10-								



#### 1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:18625, 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	-51.89	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.96	-13	Pass	2985
30	1000	0.1	RMS	951.295	-60.74	-13	Pass	9700
1000	1830	1	RMS	1787.949	-51.12	-13	Pass	830
1830	1920	1	RMS	1850.4	22.24	60	Pass	601
1920	3000	1	RMS	2662.688	-47.39	-13	Pass	1080
3000	12000	1	RMS	5551.283	-47.11	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.72	-13	Pass	8000
30 - 20 - 10 - 0 -								





-60-

-70-

-80-

0.009

2000

4000

6000

#### 1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:18625, 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	-51.42	-13	Pass	60 <sup>-</sup>
0.15	30	0.01	RMS	0.15	-53.34	-13	Pass	298
30	1000	0.1	RMS	920.992	-60.6	-13	Pass	970
1000	1830	1	RMS	1788.951	-51.14	-13	Pass	83
1830	1920	1	RMS	1854.6	22.57	60	Pass	60 <sup>-</sup>
1920	3000	1	RMS	2663.689	-47.4	-13	Pass	1080
3000	12000	1	RMS	5564.285	-49.52	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.73	-13	Pass	8008
30- 20- 10- 0- -10- -20-								
-40-						المراع بالمراب الريب	mun_	

8000

10000 12000

Frequency(MHz)

14000

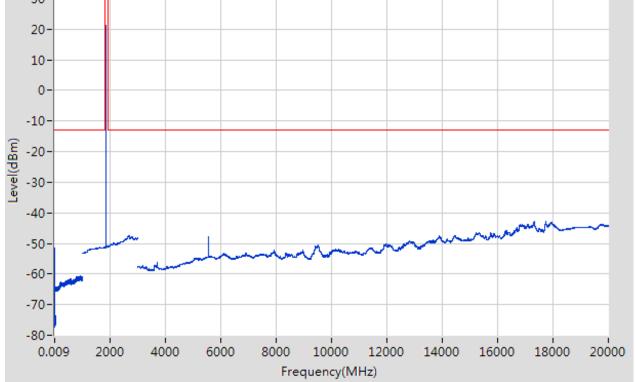
16000

18000



#### 1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

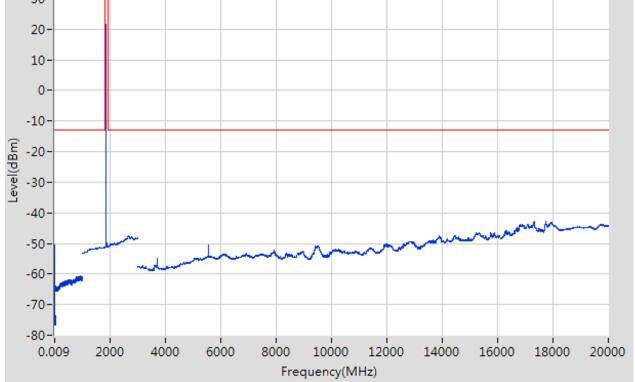
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.51	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.06	-13	Pass	2985
30	1000	0.1	RMS	916.191	-60.68	-13	Pass	9700
1000	1830	1	RMS	1823.993	-51.11	-13	Pass	830
1830	1920	1	RMS	1850.4	21.42	60	Pass	601
1920	3000	1	RMS	2667.692	-47.4	-13	Pass	1080
3000	12000	1	RMS	5551.283	-47.97	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.75	-13	Pass	8000
30- 20- 10- 0- -10-								





#### 1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

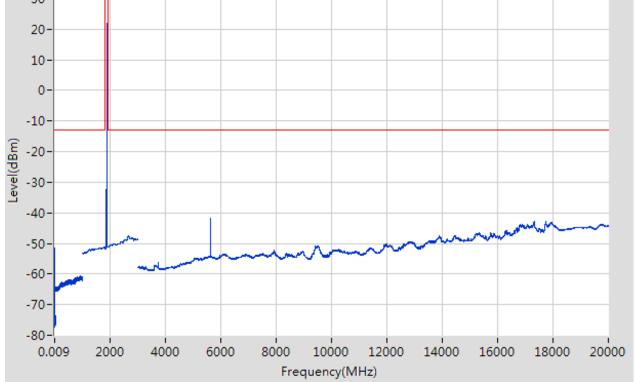
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.37	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.75	-13	Pass	2985
30	1000	0.1	RMS	935.693	-60.64	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.14	-13	Pass	830
1830	1920	1	RMS	1854.6	21.55	60	Pass	601
1920	3000	1	RMS	2664.69	-47.37	-13	Pass	1080
3000	12000	1	RMS	11998	-50.16	-13	Pass	9000
12000	20000	1	RMS	17744.718	-42.75	-13	Pass	8000
30- 20- 10- 0-								





## 1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

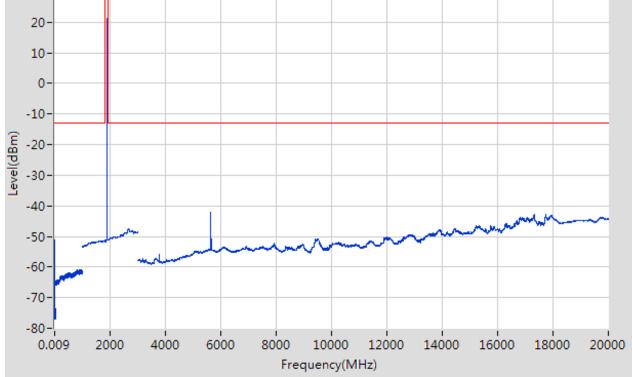
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.62	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.17	-13	Pass	2985
30	1000	0.1	RMS	925.192	-60.51	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.27	-13	Pass	830
1830	1920	1	RMS	1877.85	22.01	60	Pass	601
1920	3000	1	RMS	2657.683	-47.59	-13	Pass	1080
3000	12000	1	RMS	5633.293	-41.76	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.74	-13	Pass	8000
30 - 20 - 10 -								





#### 1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:18900, 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	-51.18	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.23	-13	Pass	2985
30	1000	0.1	RMS	956.496	-60.8	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.3	-13	Pass	830
1830	1920	1	RMS	1882.2	21.3	60	Pass	601
1920	3000	1	RMS	2665.69	-47.57	-13	Pass	1080
3000	12000	1	RMS	5646.294	-42.25	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.71	-13	Pass	8000
30- 20- 10- 0- -10-								





-30

-40-

-50-

-60-

-70-

-80-

0.009

2000

4000

6000

#### 1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.29	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.87	-13	Pass	2985
30	1000	0.1	RMS	921.592	-60.64	-13	Pass	9700
1000	1830	1	RMS	1821.99	-51.3	-13	Pass	830
1830	1920	1	RMS	1877.85	21.4	60	Pass	601
1920	3000	1	RMS	2668.693	-47.56	-13	Pass	1080
3000	12000	1	RMS	5633.293	-42.6	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.72	-13	Pass	8000
30- 20- 10- 0- -10-								



-80-

0.009

Frequency(MHz)

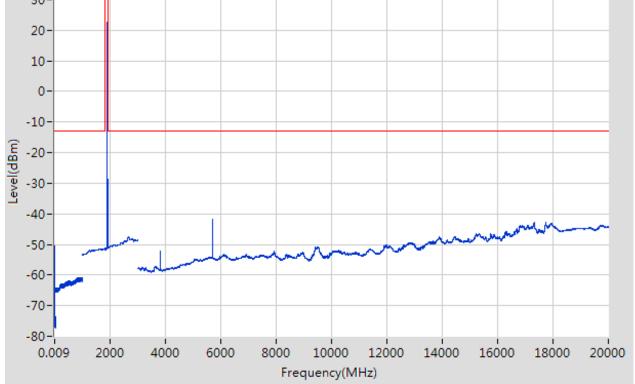
#### 1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.26	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.56	-13	Pass	2985
30	1000	0.1	RMS	931.793	-60.73	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.29	-13	Pass	830
1830	1920	1	RMS	1882.2	20.79	60	Pass	601
1920	3000	1	RMS	2668.693	-47.55	-13	Pass	1080
3000	12000	1	RMS	5646.294	-43.41	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.68	-13	Pass	8000
20- 10- 0- -10- (mg/p) -20- -30- -40- -50- -60- -70-							mul	*



#### 1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.55	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.82	-13	Pass	2985
30	1000	0.1	RMS	900.89	-60.72	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.3	-13	Pass	830
1830	1920	1	RMS	1905.3	22.46	60	Pass	601
1920	3000	1	RMS	2664.69	-47.54	-13	Pass	1080
3000	12000	1	RMS	5716.302	-41.76	-13	Pass	9000
12000	20000	1	RMS	17746.718	-42.77	-13	Pass	8000
30- 20- 10- 0-								





-40

-50-

-60-

-70-

-80-

0.009

2000

4000

## 1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.17	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.36	-13	Pass	2985
30	1000	0.1	RMS	959.796	-60.65	-13	Pass	9700
1000	1830	1	RMS	1830	-51.27	-13	Pass	830
1830	1920	1	RMS	1909.65	20.93	60	Pass	601
1920	3000	1	RMS	2667.692	-47.52	-13	Pass	1080
3000	12000	1	RMS	5729.303	-39.8	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.78	-13	Pass	8000
30- 20- 10- 0- -10- (Eg) -20-								

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000



#### 1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.23	-13	Pass	2985
30	1000	0.1	RMS	924.792	-60.74	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.29	-13	Pass	830
1830	1920	1	RMS	1905.3	21.48	60	Pass	601
1920	3000	1	RMS	2668.693	-47.53	-13	Pass	1080
3000	12000	1	RMS	5716.302	-44.03	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.8	-13	Pass	8000
30- 20- 10- 0- -10-								



# 1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:19175, 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	-51.3	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.29	-13	Pass	2985
30	1000	0.1	RMS	909.691	-60.67	-13	Pass	9700
1000	1830	1	RMS	1788.951	-51.32	-13	Pass	830
1830	1920	1	RMS	1909.65	20.6	60	Pass	601
1920	3000	1	RMS	2666.691	-47.53	-13	Pass	1080
3000	12000	1	RMS	5729.303	-40.62	-13	Pass	9000
12000	20000	1	RMS	17744.718	-42.75	-13	Pass	8000
20- 10- 0- -10- (mgp) -30- -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000

Frequency(MHz)



-40

-50-

-60-

-70-

-80-

0.009

2000

4000

6000

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000

### 1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:18650, 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	-51.54	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.64	-13	Pass	2985
30	1000	0.1	RMS	974.997	-60.76	-13	Pass	9700
1000	1830	1	RMS	1787.949	-51.25	-13	Pass	830
1830	1920	1	RMS	1850.55	21.8	60	Pass	601
1920	3000	1	RMS	2665.69	-47.52	-13	Pass	1080
3000	12000	1	RMS	5551.283	-49.2	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.76	-13	Pass	8000
30- 20- 10- 0- -10- -20-								



-80-

0.009

Frequency(MHz)

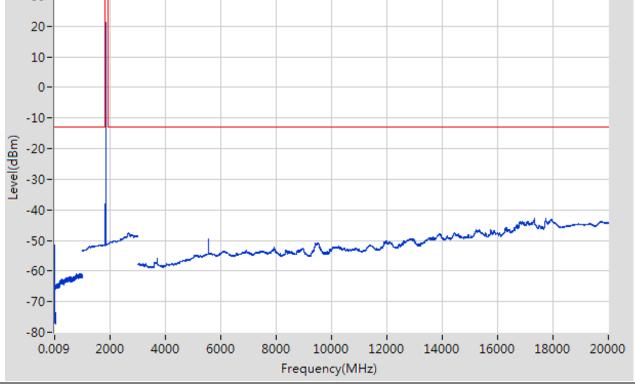
## 1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-51.37	-13	Pass	601
0.15	30	0.01	RMS	0.16	-54.05	-13	Pass	2985
30	1000	0.1	RMS	951.395	-60.74	-13	Pass	9700
1000	1830	1	RMS	1826.996	-51.27	-13	Pass	830
1830	1920	1	RMS	1859.4	22.21	60	Pass	601
1920	3000	1	RMS	2666.691	-47.54	-13	Pass	1080
3000	12000	1	RMS	5578.286	-49.43	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.78	-13	Pass	8000
20- 10- 0- -10- (\$\tilde{M}\text{9}\text{-20-} -30- -40- -50- -60- -70-								



#### 1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

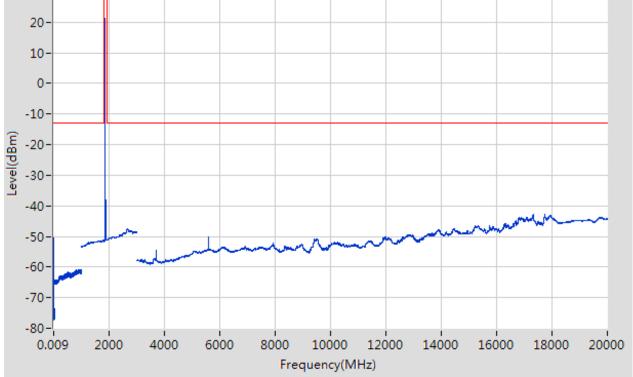
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.5	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.6	-13	Pass	2985
30	1000	0.1	RMS	949.995	-60.77	-13	Pass	9700
1000	1830	1	RMS	1819.988	-51.24	-13	Pass	830
1830	1920	1	RMS	1850.55	21.15	60	Pass	601
1920	3000	1	RMS	2666.691	-47.58	-13	Pass	1080
3000	12000	1	RMS	5551.283	-49.55	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.74	-13	Pass	8000
30- 20- 10- 0-								





### 1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:18650, 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	-50.63	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.07	-13	Pass	2985
30	1000	0.1	RMS	823.582	-60.77	-13	Pass	9700
1000	1830	1	RMS	1823.993	-51.28	-13	Pass	830
1830	1920	1	RMS	1859.4	21.44	60	Pass	601
1920	3000	1	RMS	2662.688	-47.56	-13	Pass	1080
3000	12000	1	RMS	5578.286	-50.19	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.73	-13	Pass	8000
30- 20- 10- 0- -10-								





-40-

-50-

-60-

-70-

-80-

0.009

2000

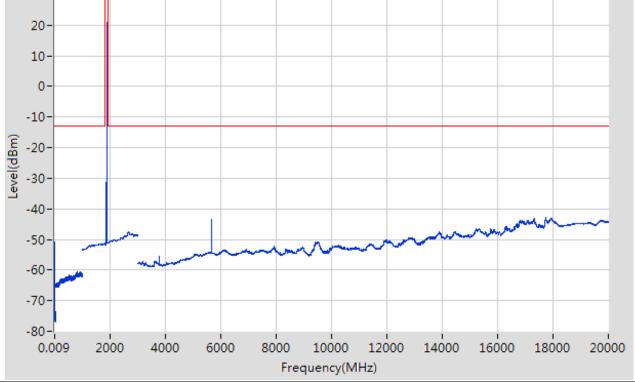
### 1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	-50.48	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.38	-13	Pass	2985
30	1000	0.1	RMS	944.394	-60.77	-13	Pass	9700
1000	1830	1	RMS	1824.994	-51.25	-13	Pass	830
1830	1920	1	RMS	1875.6	22.05	60	Pass	601
1920	3000	1	RMS	2666.691	-47.53	-13	Pass	1080
3000	12000	1	RMS	5626.292	-43.71	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.79	-13	Pass	8000
30- 20- 10- 0- -10-								



### 1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

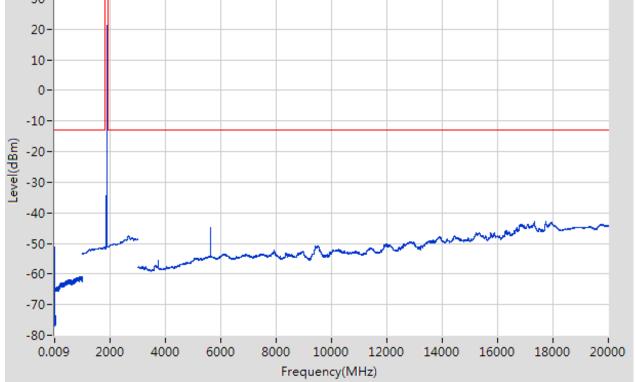
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.18	-13	Pass	2985
30	1000	0.1	RMS	939.294	-60.6	-13	Pass	9700
1000	1830	1	RMS	1825.995	-51.3	-13	Pass	830
1830	1920	1	RMS	1884.45	20.98	60	Pass	601
1920	3000	1	RMS	2665.69	-47.52	-13	Pass	1080
3000	12000	1	RMS	5653.295	-43.46	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.74	-13	Pass	8000
30- 20- 10- 0-								





## 1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

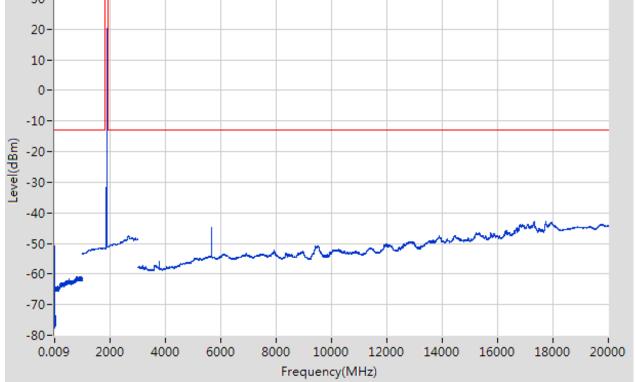
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.97	-13	Pass	2985
30	1000	0.1	RMS	893.089	-60.78	-13	Pass	9700
1000	1830	1	RMS	1825.995	-51.3	-13	Pass	830
1830	1920	1	RMS	1875.6	21.4	60	Pass	601
1920	3000	1	RMS	2662.688	-47.57	-13	Pass	1080
3000	12000	1	RMS	5626.292	-44.92	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.78	-13	Pass	8000
30 - 20 - 10 -								





### 1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

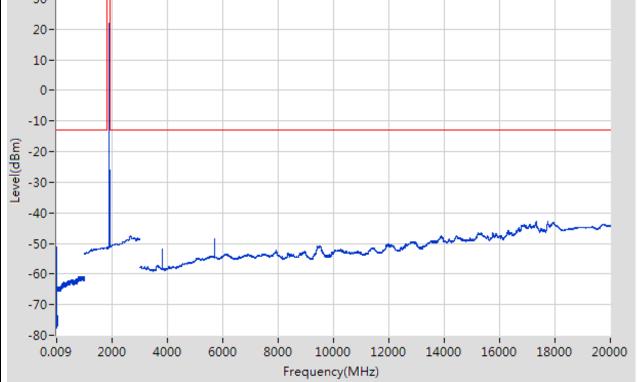
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-50.72	-13	Pass	601
0.15	30	0.01	RMS	0.16	-54.64	-13	Pass	2985
30	1000	0.1	RMS	933.793	-60.76	-13	Pass	9700
1000	1830	1	RMS	1804.97	-51.33	-13	Pass	830
1830	1920	1	RMS	1884.45	20.4	60	Pass	601
1920	3000	1	RMS	2667.692	-47.58	-13	Pass	1080
3000	12000	1	RMS	5653.295	-44.69	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.8	-13	Pass	8000
30 - 20 - 10 - 0 - -10 -								





### 1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:19150, 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	-51.23	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.54	-13	Pass	2985
30	1000	0.1	RMS	920.792	-60.77	-13	Pass	9700
1000	1830	1	RMS	1825.995	-51.26	-13	Pass	830
1830	1920	1	RMS	1900.65	22.04	60	Pass	601
1920	3000	1	RMS	2667.692	-47.53	-13	Pass	1080
3000	12000	1	RMS	5701.3	-48.47	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.69	-13	Pass	8000
30- 20- 10- 0-								





-50-

-60-

-70-

-80-

0.009

2000

4000

6000

## 1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:19150, 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	-50.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.07	-13	Pass	298
30	1000	0.1	RMS	928.293	-60.79	-13	Pass	9700
1000	1830	1	RMS	1826.996	-51.31	-13	Pass	830
1830	1920	1	RMS	1909.35	21.01	60	Pass	601
1920	3000	1	RMS	2665.69	-47.54	-13	Pass	1080
3000	12000	1	RMS	5728.303	-39.64	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.77	-13	Pass	8000
30- 20- 10- 0- -10- -20- -30- -40-								

8000

10000

Frequency(MHz)

12000

14000

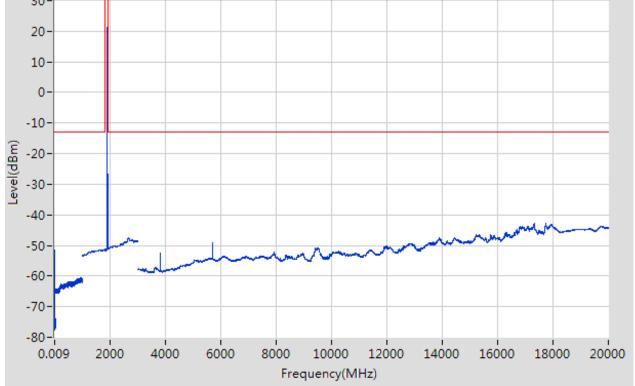
16000

18000



## 1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

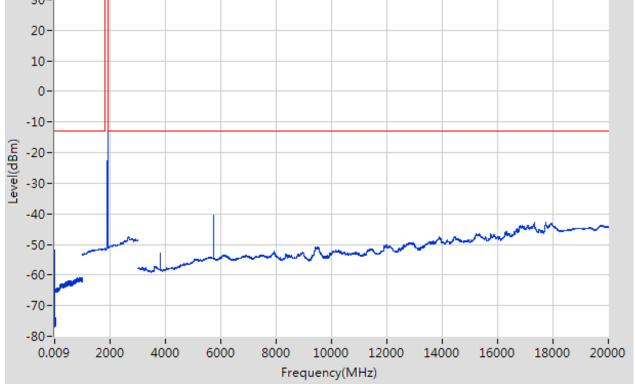
						-		
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.53	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.37	-13	Pass	2985
30	1000	0.1	RMS	915.191	-60.58	-13	Pass	9700
1000	1830	1	RMS	1823.993	-51.3	-13	Pass	830
1830	1920	1	RMS	1900.65	21.24	60	Pass	601
1920	3000	1	RMS	2670.695	-47.56	-13	Pass	1080
3000	12000	1	RMS	5701.3	-49.16	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.72	-13	Pass	8000
30- 20- 10- 0-								





### 1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

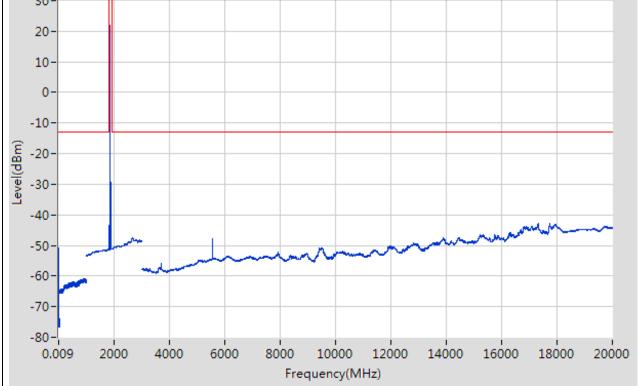
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.83	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.72	-13	Pass	2985
30	1000	0.1	RMS	957.096	-60.83	-13	Pass	9700
1000	1830	1	RMS	1821.99	-51.3	-13	Pass	830
1830	1920	1	RMS	1909.35	20.33	60	Pass	601
1920	3000	1	RMS	2666.691	-47.57	-13	Pass	1080
3000	12000	1	RMS	5728.303	-40.54	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.77	-13	Pass	8000
30- 20- 10- 0-								





#### 1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:18675, 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	-50.82	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.95	-13	Pass	2985
30	1000	0.1	RMS	950.895	-60.84	-13	Pass	9700
1000	1830	1	RMS	1823.993	-43.36	-13	Pass	830
1830	1920	1	RMS	1850.85	21.88	60	Pass	601
1920	3000	1	RMS	2664.69	-47.55	-13	Pass	1080
3000	12000	1	RMS	5552.284	-47.91	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.7	-13	Pass	8000
30- 20- 10- 0-								





-70-

-80-

0.009

Frequency(MHz)

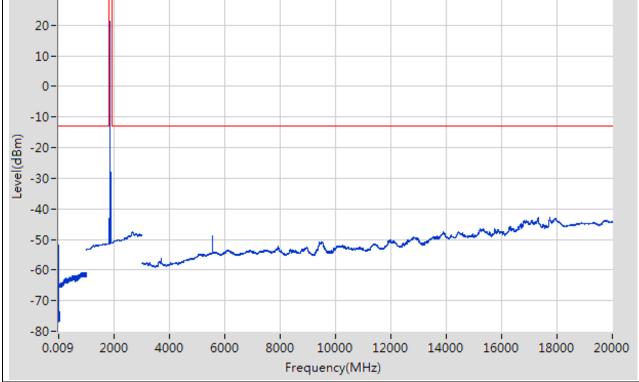
## 1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-50.71	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.26	-13	Pass	2985
30	1000	0.1	RMS	922.892	-60.74	-13	Pass	9700
1000	1830	1	RMS	1805.971	-51.26	-13	Pass	830
1830	1920	1	RMS	1864.2	22.57	60	Pass	601
1920	3000	1	RMS	2666.691	-47.53	-13	Pass	1080
3000	12000	1	RMS	5592.288	-47.17	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.73	-13	Pass	8000
20- 10- 0- -10- (MgB) -20- -30- -40- -50-							production	



## 1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:18675, 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	-51.96	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.88	-13	Pass	2985
30	1000	0.1	RMS	971.097	-60.78	-13	Pass	9700
1000	1830	1	RMS	1823.993	-43.13	-13	Pass	830
1830	1920	1	RMS	1850.85	21.33	60	Pass	601
1920	3000	1	RMS	2667.692	-47.52	-13	Pass	1080
3000	12000	1	RMS	5552.284	-48.72	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.76	-13	Pass	8000
30 - 20 - 10 - 0 -								





-50-

-60-

-70-

-80-

0.009

2000

4000

6000

### 1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.65	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.62	-13	Pass	298
30	1000	0.1	RMS	931.493	-60.8	-13	Pass	9700
1000	1830	1	RMS	1830	-51.25	-13	Pass	830
1830	1920	1	RMS	1864.2	21.58	60	Pass	601
1920	3000	1	RMS	2666.691	-47.55	-13	Pass	1080
3000	12000	1	RMS	5592.288	-48.22	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.72	-13	Pass	8000
30- 20- 10- 0- -10- [\hat{\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex								

8000

10000

Frequency(MHz)

12000

14000

16000

18000



-50

-60-

-70-

-80-

0.009

2000

4000

6000

### 1.53. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:18900, 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	-51.23	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.04	-13	Pass	2985
30	1000	0.1	RMS	933.893	-60.78	-13	Pass	9700
1000	1830	1	RMS	1791.954	-51.26	-13	Pass	830
1830	1920	1	RMS	1873.35	22.43	60	Pass	601
1920	3000	1	RMS	2666.691	-47.53	-13	Pass	1080
3000	12000	1	RMS	5620.291	-42.93	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.75	-13	Pass	8000
30- 20- 10- 0- -10-								

8000

10000

Frequency(MHz)

12000

14000

16000

18000



-80-

0.009

Frequency(MHz)

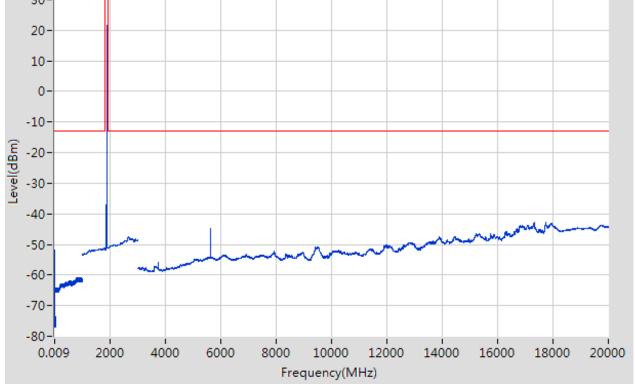
## 1.54. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-51.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.14	-13	Pass	298
30	1000	0.1	RMS	920.492	-60.76	-13	Pass	970
1000	1830	1	RMS	1825.995	-51.29	-13	Pass	83
1830	1920	1	RMS	1886.7	20.88	60	Pass	60
1920	3000	1	RMS	2668.693	-47.54	-13	Pass	108
3000	12000	1	RMS	5660.296	-44.66	-13	Pass	900
12000	20000	1	RMS	17739.717	-42.76	-13	Pass	800
20- 10- 0- -10- (\text{\tin}\text{\texi}\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi{\text{\text{\text{\teti}\text{\text{\texi}\text{\text{\text{\text{\text{\text{\t								



### 1.55. LTE Transmitter Spurious Emissions(NTNV)(Subtest:55, Channel:18900, 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	-51.74	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.01	-13	Pass	2985
30	1000	0.1	RMS	901.09	-60.82	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.25	-13	Pass	830
1830	1920	1	RMS	1873.35	21.46	60	Pass	601
1920	3000	1	RMS	2664.69	-47.55	-13	Pass	1080
3000	12000	1	RMS	5620.291	-44.78	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.76	-13	Pass	8000
30- 20- 10- 0- -10-								





-50-

-60-

-70-

-80-

0.009

2000

4000

6000

### 1.56. LTE Transmitter Spurious Emissions(NTNV)(Subtest:56, Channel:18900, 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	-51.03	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.56	-13	Pass	2985
30	1000	0.1	RMS	929.993	-60.77	-13	Pass	9700
1000	1830	1	RMS	1819.988	-51.29	-13	Pass	830
1830	1920	1	RMS	1886.7	20.34	60	Pass	601
1920	3000	1	RMS	2667.692	-47.56	-13	Pass	1080
3000	12000	1	RMS	5660.296	-45.75	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.73	-13	Pass	8000
30- 20- 10- 0- -10- (\hat{BB}) -30- -40-						M. M. M.		

8000

10000

Frequency(MHz)

12000

14000

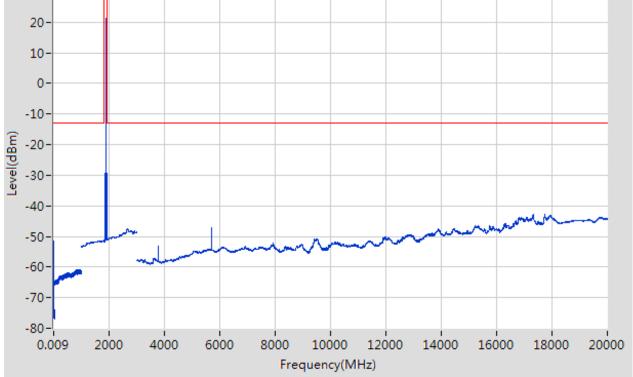
16000

18000



### 1.57. LTE Transmitter Spurious Emissions(NTNV)(Subtest:57, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Balla Wiatil.	io, modulati	J11.Q1 U		iiiibei. i, ixt				
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.58	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.11	-13	Pass	2985
30	1000	0.1	RMS	919.892	-60.8	-13	Pass	9700
1000	1830	1	RMS	1820.989	-51.26	-13	Pass	830
1830	1920	1	RMS	1895.85	21.38	60	Pass	601
1920	3000	1	RMS	1922.002	-47.45	-13	Pass	1080
3000	12000	1	RMS	5687.299	-47.04	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.67	-13	Pass	8000
30- 20- 10- 0- -10-								





-50-

-60-

-70-

-80-

0.009

2000

4000

6000

### 1.58. LTE Transmitter Spurious Emissions(NTNV)(Subtest:58, Channel:19125, 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	-50.85	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.45	-13	Pass	2985
30	1000	0.1	RMS	936.994	-60.72	-13	Pass	9700
1000	1830	1	RMS	1822.992	-51.29	-13	Pass	830
1830	1920	1	RMS	1909.2	21.23	60	Pass	601
1920	3000	1	RMS	2668.693	-47.54	-13	Pass	1080
3000	12000	1	RMS	5727.303	-39.38	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.75	-13	Pass	8000
30- 20- 10- 0- -10- ( <u>AB</u> ) -20- -30-								

8000

10000

Frequency(MHz)

12000

14000

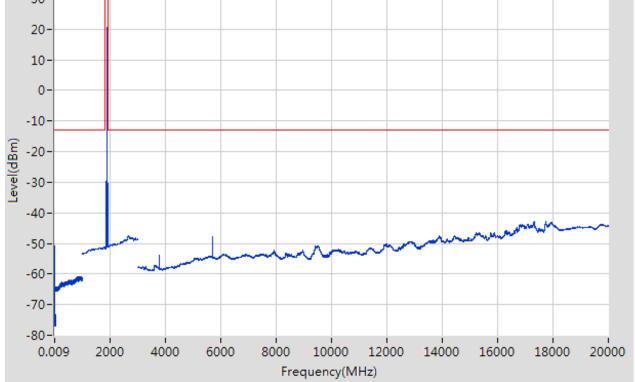
16000

18000



## 1.59. LTE Transmitter Spurious Emissions(NTNV)(Subtest:59, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

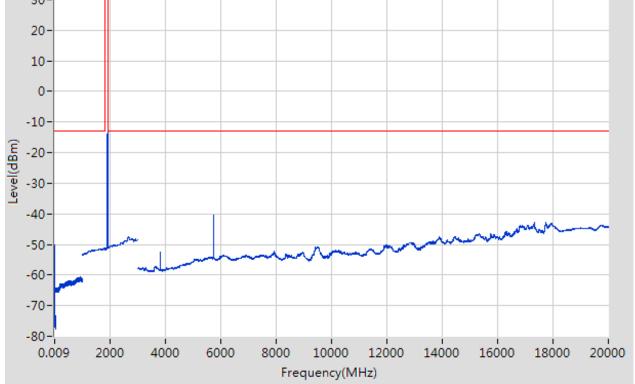
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.85	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.39	-13	Pass	2985
30	1000	0.1	RMS	931.593	-60.86	-13	Pass	9700
1000	1830	1	RMS	1819.988	-51.31	-13	Pass	830
1830	1920	1	RMS	1895.85	20.68	60	Pass	601
1920	3000	1	RMS	1922.002	-47.13	-13	Pass	1080
3000	12000	1	RMS	5687.299	-47.64	-13	Pass	9000
12000	20000	1	RMS	17745.718	-42.76	-13	Pass	8000
30- 20- 10- 0-								





## 1.60. LTE Transmitter Spurious Emissions(NTNV)(Subtest:60, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.1	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.32	-13	Pass	2985
30	1000	0.1	RMS	936.493	-60.71	-13	Pass	9700
1000	1830	1	RMS	1820.989	-51.29	-13	Pass	830
1830	1920	1	RMS	1909.2	20.72	60	Pass	601
1920	3000	1	RMS	2665.69	-47.55	-13	Pass	1080
3000	12000	1	RMS	5727.303	-40.39	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.71	-13	Pass	8000
30 - 20 - 10 - 0 -								





-40

-50-

-60-

-70-

-80-

0.009

2000

4000

6000

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000

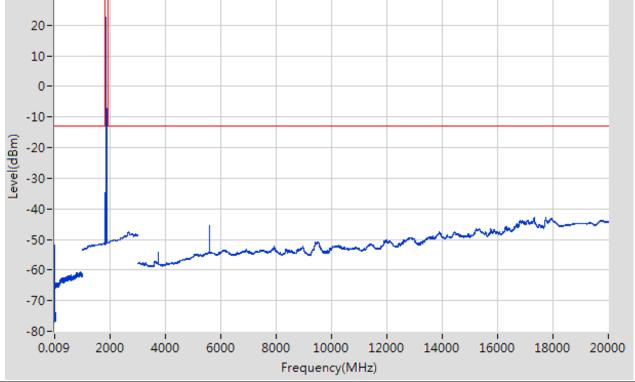
## 1.61. LTE Transmitter Spurious Emissions(NTNV)(Subtest:61, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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	0.011	-51.16	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.51	-13	Pass	2985
30	1000	0.1	RMS	941.694	-60.61	-13	Pass	9700
1000	1830	1	RMS	1814.982	-48.4	-13	Pass	830
1830	1920	1	RMS	1851.15	21.92	60	Pass	601
1920	3000	1	RMS	2666.691	-47.49	-13	Pass	1080
3000	12000	1	RMS	5553.284	-47.46	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.74	-13	Pass	8000
30- 20- 10- 0- -10- (Eg -20-								



## 1.62. LTE Transmitter Spurious Emissions(NTNV)(Subtest:62, Channel:18700, 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	-51.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.49	-13	Pass	2985
30	1000	0.1	RMS	935.793	-60.71	-13	Pass	9700
1000	1830	1	RMS	1827.998	-51.24	-13	Pass	830
1830	1920	1	RMS	1868.85	22.56	60	Pass	601
1920	3000	1	RMS	2667.692	-47.56	-13	Pass	1080
3000	12000	1	RMS	5606.29	-45.58	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.76	-13	Pass	8000
30- 20- 10- 0-								





-40-

-50-

-60-

-70-

-80-

0.009

2000

4000

6000

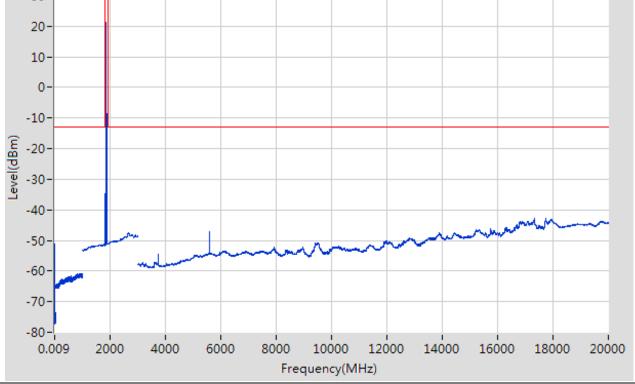
#### 1.63. LTE Transmitter Spurious Emissions(NTNV)(Subtest:63, Channel:18700, Bandwidth: 20, Modulation: Q16, RB Number: 1, RB Position: LOW)

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	-51.56	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.09	-13	Pass	2985
30	1000	0.1	RMS	919.592	-60.6	-13	Pass	9700
1000	1830	1	RMS	1814.982	-48.35	-13	Pass	830
1830	1920	1	RMS	1851.15	21.34	60	Pass	601
1920	3000	1	RMS	2662.688	-47.56	-13	Pass	1080
3000	12000	1	RMS	5553.284	-48.23	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.77	-13	Pass	8000
30- 20- 10- 0- -10- (Eg -20-								



### 1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

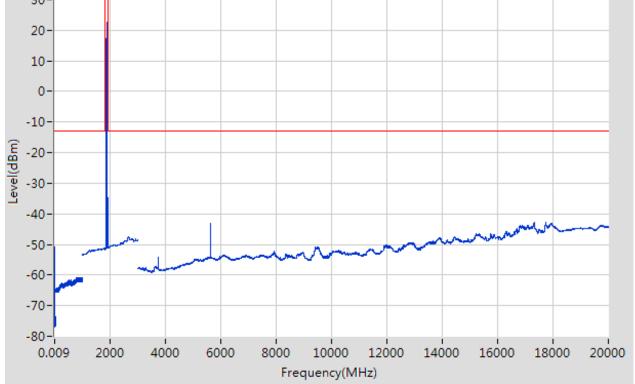
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.18	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.68	-13	Pass	2985
30	1000	0.1	RMS	918.192	-60.74	-13	Pass	9700
1000	1830	1	RMS	1825.995	-51.28	-13	Pass	830
1830	1920	1	RMS	1868.85	21.17	60	Pass	601
1920	3000	1	RMS	2664.69	-47.54	-13	Pass	1080
3000	12000	1	RMS	5606.29	-47.17	-13	Pass	9000
12000	20000	1	RMS	17746.718	-42.76	-13	Pass	8000
30 - 20 - 10 - 0 -								





### 1.65. LTE Transmitter Spurious Emissions(NTNV)(Subtest:65, Channel:18900, 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	-50.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-54.39	-13	Pass	2985
30	1000	0.1	RMS	943.194	-60.79	-13	Pass	9700
1000	1830	1	RMS	1830	-51.28	-13	Pass	830
1830	1920	1	RMS	1871.1	22.62	60	Pass	601
1920	3000	1	RMS	2664.69	-47.56	-13	Pass	1080
3000	12000	1	RMS	5613.29	-43.01	-13	Pass	9000
12000	20000	1	RMS	17747.718	-42.78	-13	Pass	8000
30- 20- 10- 0-								





-60

-70-

-80-

0.009

### 1.66. LTE Transmitter Spurious Emissions(NTNV)(Subtest:66, Channel:18900, 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	-51.02	-13	Pass	60 <sup>-</sup>
0.15	30	0.01	RMS	0.15	-53.63	-13	Pass	298
30	1000	0.1	RMS	913.091	-60.81	-13	Pass	970
1000	1830	1	RMS	1825.995	-51.28	-13	Pass	83
1830	1920	1	RMS	1888.95	20.84	60	Pass	60
1920	3000	1	RMS	2666.691	-47.55	-13	Pass	1080
3000	12000	1	RMS	5666.296	-45.52	-13	Pass	9000
12000	20000	1	RMS	17742.718	-42.76	-13	Pass	8008
30- 20- 10- 0- -10- -20-								

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000

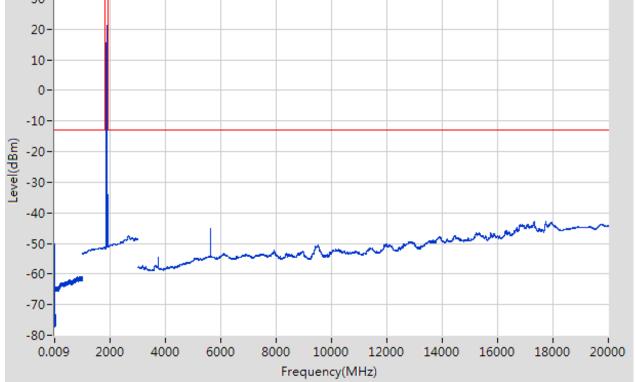
4000

2000



#### 1.67. LTE Transmitter Spurious Emissions(NTNV)(Subtest:67, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

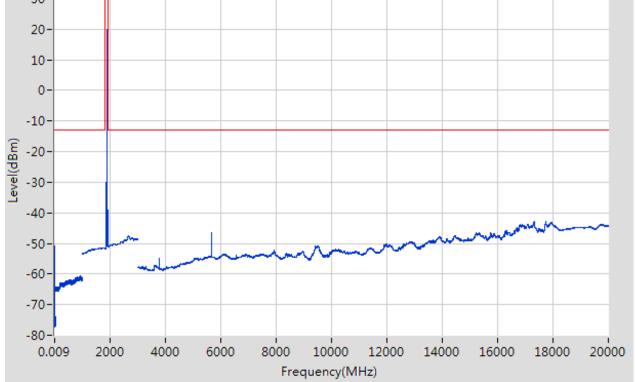
	·			•		•		
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-50.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.92	-13	Pass	2985
30	1000	0.1	RMS	943.294	-60.84	-13	Pass	9700
1000	1830	1	RMS	1826.996	-51.26	-13	Pass	830
1830	1920	1	RMS	1871.1	21.16	60	Pass	601
1920	3000	1	RMS	2668.693	-47.55	-13	Pass	1080
3000	12000	1	RMS	5613.29	-45.14	-13	Pass	9000
12000	20000	1	RMS	17743.718	-42.7	-13	Pass	8000
30- 20- 10- 0-								





#### 1.68. LTE Transmitter Spurious Emissions(NTNV)(Subtest:68, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

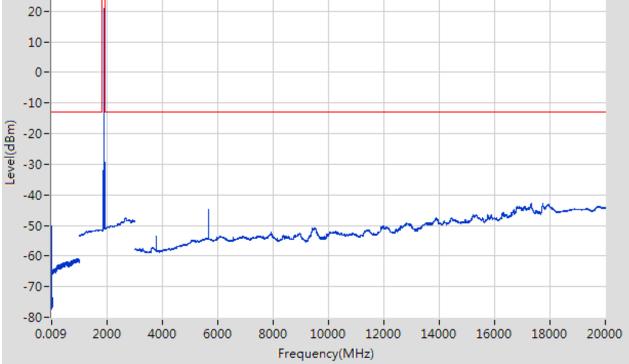
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-50.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.92	-13	Pass	2985
30	1000	0.1	RMS	931.293	-60.52	-13	Pass	9700
1000	1830	1	RMS	1830	-51.33	-13	Pass	830
1830	1920	1	RMS	1888.95	20.1	60	Pass	601
1920	3000	1	RMS	2667.692	-47.54	-13	Pass	1080
3000	12000	1	RMS	5666.296	-46.62	-13	Pass	9000
12000	20000	1	RMS	17741.718	-42.79	-13	Pass	8000
30- 20- 10- 0-								





### 1.69. LTE Transmitter Spurious Emissions(NTNV)(Subtest:69, Channel:19100, 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	-50.23	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.65	-13	Pass	2985
30	1000	0.1	RMS	907.59	-60.76	-13	Pass	9700
1000	1830	1	RMS	1825.995	-51.33	-13	Pass	830
1830	1920	1	RMS	1891.05	20.99	60	Pass	601
1920	3000	1	RMS	2665.69	-47.55	-13	Pass	1080
3000	12000	1	RMS	5673.297	-44.87	-13	Pass	9000
12000	20000	1	RMS	17744.718	-42.79	-13	Pass	8000
30- 20- 10- 0- -10-								





-60-

-70-

-80-

0.009

### 1.70. LTE Transmitter Spurious Emissions(NTNV)(Subtest:70, Channel:19100, 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	-51.29	-13	Pass	60
0.15	30	0.01	RMS	0.15	-53.55	-13	Pass	298
30	1000	0.1	RMS	892.389	-60.39	-13	Pass	970
1000	1830	1	RMS	1820.989	-51.29	-13	Pass	83
1830	1920	1	RMS	1908.9	21.27	60	Pass	60
1920	3000	1	RMS	2668.693	-47.55	-13	Pass	108
3000	12000	1	RMS	5726.303	-40.39	-13	Pass	900
12000	20000	1	RMS	17742.718	-42.74	-13	Pass	800
20- 10- 0- -10- -20- -30- -40- -50-						M. M. SHA	mada.M.	

8000

10000 12000

Frequency(MHz)

14000

16000

18000

20000

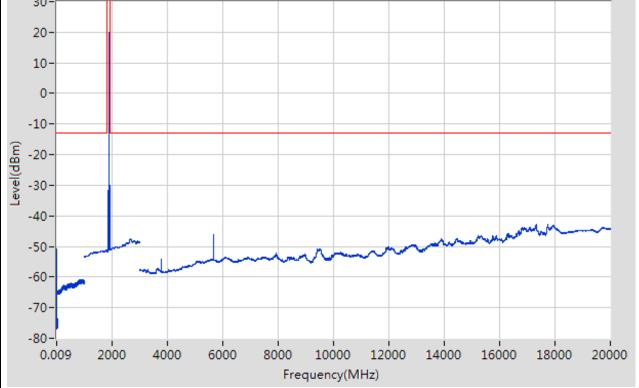
4000

2000



## 1.71. LTE Transmitter Spurious Emissions(NTNV)(Subtest:71, Channel:19100, 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	-50.86	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.92	-13	Pass	2985
30	1000	0.1	RMS	938.694	-60.83	-13	Pass	9700
1000	1830	1	RMS	1822.992	-51.32	-13	Pass	830
1830	1920	1	RMS	1891.05	20.07	60	Pass	601
1920	3000	1	RMS	2664.69	-47.58	-13	Pass	1080
3000	12000	1	RMS	5673.297	-46.11	-13	Pass	9000
12000	20000	1	RMS	17739.717	-42.75	-13	Pass	8000
30 - 20 - 10 - 0 -								





-50

-60-

-70-

-80-

0.009

2000

4000

6000

#### 1.72. LTE Transmitter Spurious Emissions(NTNV)(Subtest:72, Channel:19100, 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	-50.91	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.59	-13	Pass	2985
30	1000	0.1	RMS	939.394	-60.65	-13	Pass	9700
1000	1830	1	RMS	1822.992	-51.31	-13	Pass	830
1830	1920	1	RMS	1908.9	20.79	60	Pass	601
1920	3000	1	RMS	2665.69	-47.6	-13	Pass	1080
3000	12000	1	RMS	5726.303	-41.68	-13	Pass	9000
12000	20000	1	RMS	17740.718	-42.79	-13	Pass	8000
30- 20- 10- 0- -10-								

8000

10000

Frequency(MHz)

12000

14000

16000

18000



END