

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	-52.8	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.33	-13	Pass	2985
30	1000	0.1	RMS	893.689	-58.19	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.13	-13	Pass	830
1830	1920	1	RMS	1850.25	21.79	60	Pass	601
1920	3000	1	RMS	2666.691	-46	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.09	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.87	-13	Pass	8000
30 - 20 - 10 -								





-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

14000

16000

18000

20000

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	0.009	-52.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.69	-13	Pass	2985
30	1000	0.1	RMS	885.688	-58.32	-13	Pass	9700
1000	1830	1	RMS	1819.988	-48.17	-13	Pass	830
1830	1920	1	RMS	1851.15	21.91	60	Pass	601
1920	3000	1	RMS	2668.693	-45.94	-13	Pass	1080
3000	12000	1	RMS	3702.078	-48.11	-13	Pass	9000
12000	20000	1	RMS	16320.54	-35.84	-13	Pass	8000
30- 20- 10- 0- -10- -20-								



1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:18607, Bandwidth:1.4, Modulation:16QAM, 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	-53.67	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.5	-13	Pass	2985
30	1000	0.1	RMS	968.697	-58.32	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.22	-13	Pass	830
1830	1920	1	RMS	1850.25	21	60	Pass	601
1920	3000	1	RMS	2666.691	-45.97	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.17	-13	Pass	9000
12000 30-	20000	1	RMS	16320.54	-35.84	-13	Pass	8000
20- 10- 0- -10- (mg -20- -20- -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000
			Frequ	uency(MHz)				



1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:18607, Bandwidth:1.4, Modulation:16QAM, 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	-53.16	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.83	-13	Pass	2985
30	1000	0.1	RMS	887.288	-58.24	-13	Pass	9700
1000	1830	1	RMS	1830	-48.18	-13	Pass	830
1830	1920	1	RMS	1851.15	21.93	60	Pass	601
1920	3000	1	RMS	2671.696	-46	-13	Pass	1080
3000	12000	1	RMS	11896.989	-48.16	-13	Pass	9000
12000	20000	1	RMS	16314.539	-35.84	-13	Pass	8000
30 - 20 - 10 -								





1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.74	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.43	-13	Pass	2985
30	1000	0.1	RMS	880.988	-58.21	-13	Pass	9700
1000	1830	1	RMS	1830	-48.18	-13	Pass	830
1830	1920	1	RMS	1879.5	21.6	60	Pass	601
1920	3000	1	RMS	2671.696	-46.01	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.06	-13	Pass	9000
12000	20000	1	RMS	16316.54	-35.82	-13	Pass	8000
30- 20- 10- 0- -10-								
£ -20-								





-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

14000

16000

18000

20000

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	-52.97	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.04	-13	Pass	2985
30	1000	0.1	RMS	893.589	-58.34	-13	Pass	9700
1000	1830	1	RMS	1825.995	-48.14	-13	Pass	830
1830	1920	1	RMS	1880.4	21.67	60	Pass	601
1920	3000	1	RMS	2670.695	-45.97	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.16	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.78	-13	Pass	8000
30- 20- 10- 0- -10- (\(\text{\text{\$\exittt{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitin}\$\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\}\exit								



-60-

-70-

-80-

0.009

4000

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6000

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000

1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:18900, Bandwidth:1.4, Modulation:16QAM, 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	-52.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.43	-13	Pass	2985
30	1000	0.1	RMS	906.29	-58.27	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.18	-13	Pass	830
1830	1920	1	RMS	1879.5	20.64	60	Pass	601
1920	3000	1	RMS	2668.693	-45.95	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48.16	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.8	-13	Pass	8000
30- 20- 10- 0- -10- (\overline{\text{Wg}} -20- -30- -40-						. At a series		



1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:18900, Bandwidth:1.4, Modulation:16QAM, 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	-53.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.3	-13	Pass	2985
30	1000	0.1	RMS	896.889	-58.16	-13	Pass	9700
1000	1830	1	RMS	1825.995	-48.17	-13	Pass	830
1830	1920	1	RMS	1880.4	20.9	60	Pass	601
1920	3000	1	RMS	2669.694	-45.98	-13	Pass	1080
3000	12000	1	RMS	11897.989	-48.16	-13	Pass	9000
12000	20000	1	RMS	16320.54	-35.85	-13	Pass	8000
20- 10- 0- -10- (\text{Wgp}) -30- -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000

Frequency(MHz)



-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

14000

16000

18000

20000

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	0.009	-53.37	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.8	-13	Pass	298
30	1000	0.1	RMS	889.389	-58.12	-13	Pass	970
1000	1830	1	RMS	1805.971	-48.12	-13	Pass	83
1830	1920	1	RMS	1908.9	22.74	60	Pass	60
1920	3000	1	RMS	2669.694	-46.01	-13	Pass	108
3000	12000	1	RMS	11897.989	-48.17	-13	Pass	900
12000	20000	1	RMS	16316.54	-35.86	-13	Pass	800
20- 10- 0- -10- -20-								
-40-					p-c-	, was a state of the state of t	Ment	



-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

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	0.009	-53.01	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.41	-13	Pass	298
30	1000	0.1	RMS	885.788	-58.16	-13	Pass	970
1000	1830	1	RMS	1822.992	-48.15	-13	Pass	83
1830	1920	1	RMS	1909.8	22.56	60	Pass	60
1920	3000	1	RMS	2668.693	-45.97	-13	Pass	108
3000	12000	1	RMS	11898.989	-48.18	-13	Pass	900
12000	20000	1	RMS	16315.539	-35.86	-13	Pass	800
30 - 20 - 10 - 0 - -10 - -20 -								
-40-						Market Market	M	



-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000

1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:19193, Bandwidth:1.4, Modulation:16QAM, 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	-53.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.35	-13	Pass	2985
30	1000	0.1	RMS	881.788	-58.21	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.18	-13	Pass	830
1830	1920	1	RMS	1908.9	22.02	60	Pass	601
1920	3000	1	RMS	2667.692	-46	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.17	-13	Pass	9000
12000	20000	1	RMS	16317.54	-35.81	-13	Pass	8000
30- 20- 10- 0- -10- (\widehat{\text{Wg}}{\text{P}}) -30-						ni de maray	**************************************	



1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:19193, Bandwidth:1.4, Modulation:16QAM, 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	-53.17	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.23	-13	Pass	2985
30	1000	0.1	RMS	901.09	-58.22	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.18	-13	Pass	830
1830	1920	1	RMS	1909.8	22.01	60	Pass	601
1920	3000	1	RMS	2668.693	-46.02	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.15	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.86	-13	Pass	8000
20- 10- 0- -10- ((mg -20- -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000

Frequency(MHz)



-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

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	-52.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.73	-13	Pass	2985
30	1000	0.1	RMS	971.097	-58.31	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.1	-13	Pass	830
1830	1920	1	RMS	1850.25	21.78	60	Pass	601
1920	3000	1	RMS	2672.697	-45.98	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.17	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.83	-13	Pass	8000
30- 20- 10- 0- -10- (\hat{B}{B}) -30-								



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	-52.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.37	-13	Pass	2985
30	1000	0.1	RMS	922.392	-58.18	-13	Pass	9700
1000	1830	1	RMS	1824.994	-48.18	-13	Pass	830
1830	1920	1	RMS	1852.8	22.51	60	Pass	601
1920	3000	1	RMS	2667.692	-46.03	-13	Pass	1080
3000	12000	1	RMS	11897.989	-48.14	-13	Pass	9000
12000	20000	1	RMS	16415.552	-35.9	-13	Pass	8000
30 - 20 - 10 -								





1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:18615, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:LOW)

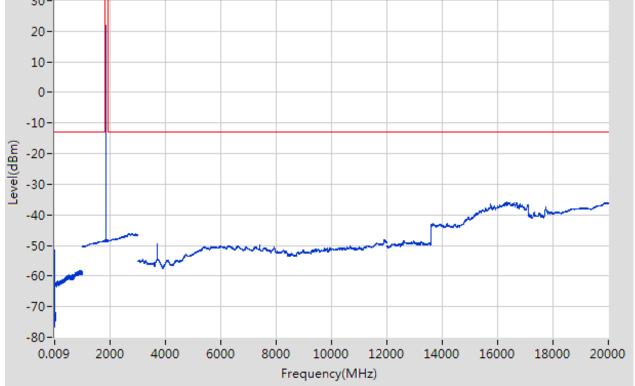
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.01	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.22	-13	Pass	2985
30	1000	0.1	RMS	889.189	-58.3	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.19	-13	Pass	830
1830	1920	1	RMS	1850.25	21.29	60	Pass	601
1920	3000	1	RMS	2687.711	-46.03	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.12	-13	Pass	9000
12000	20000	1	RMS	16312.539	-35.86	-13	Pass	8000
30 - 20 - 10 - 0 -								





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

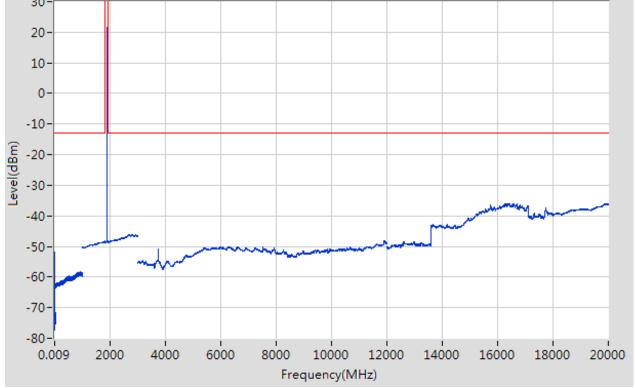
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.93	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.34	-13	Pass	2985
30	1000	0.1	RMS	885.088	-58.26	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.22	-13	Pass	830
1830	1920	1	RMS	1852.8	22.02	60	Pass	601
1920	3000	1	RMS	2671.696	-46	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.12	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.84	-13	Pass	8000
30- 20- 10- 0-								





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	-52.63	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.75	-13	Pass	2985
30	1000	0.1	RMS	921.192	-58.29	-13	Pass	9700
1000	1830	1	RMS	1819.988	-48.2	-13	Pass	830
1830	1920	1	RMS	1878.75	21.62	60	Pass	601
1920	3000	1	RMS	2667.692	-46	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.13	-13	Pass	9000
12000	20000	1	RMS	16314.539	-35.9	-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	-52.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.73	-13	Pass	2985
30	1000	0.1	RMS	887.388	-58.36	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.18	-13	Pass	830
1830	1920	1	RMS	1881.3	21.99	60	Pass	601
1920	3000	1	RMS	2670.695	-46.02	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.15	-13	Pass	9000
12000	20000	1	RMS	16314.539	-35.84	-13	Pass	8000
30- 20- 10- 0-								





1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:18900, Bandwidth:3, Modulation:16QAM, 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	-52.52	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.84	-13	Pass	2985
30	1000	0.1	RMS	874.287	-58.22	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.23	-13	Pass	830
1830	1920	1	RMS	1878.75	20.82	60	Pass	601
1920	3000	1	RMS	2669.694	-46.01	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.26	-13	Pass	9000
12000	20000	1	RMS	16312.539	-35.91	-13	Pass	8000
30- 20- 10- 0-								





-60-

-70-

-80-

0.009

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6000

8000

10000 12000

Frequency(MHz)

14000

16000

18000

20000

1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:18900, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.22	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.95	-13	Pass	2985
30	1000	0.1	RMS	900.89	-58.3	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.32	-13	Pass	830
1830	1920	1	RMS	1881.3	21.09	60	Pass	601
1920	3000	1	RMS	2670.695	-45.65	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.27	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.95	-13	Pass	8000
30- 20- 10- 0- -10- -20- -30- -40-						- Annual	~\Les\~~~	



-40-

-50-

-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

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	-53.48	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.47	-13	Pass	2985
30	1000	0.1	RMS	892.089	-58.41	-13	Pass	9700
1000	1830	1	RMS	1830	-48.29	-13	Pass	830
1830	1920	1	RMS	1907.25	22.67	60	Pass	601
1920	3000	1	RMS	2666.691	-45.66	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.22	-13	Pass	9000
12000	20000	1	RMS	16314.539	-35.95	-13	Pass	8000
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1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

	Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.82	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.42	-13	Pass	2985
30	1000	0.1	RMS	898.99	-58.23	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.27	-13	Pass	830
1830	1920	1	RMS	1909.8	1.3	60	Pass	601
1920	3000	1	RMS	2666.691	-45.68	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.23	-13	Pass	9000
12000	20000	1	RMS	16320.54	-35.87	-13	Pass	8000
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1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:19185, Bandwidth:3, Modulation:16QAM, 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	-53.68	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.19	-13	Pass	2985
30	1000	0.1	RMS	907.39	-58.34	-13	Pass	9700
1000	1830	1	RMS	1825.995	-48.36	-13	Pass	830
1830	1920	1	RMS	1907.25	0.93	60	Pass	601
1920	3000	1	RMS	2666.691	-45.67	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.14	-13	Pass	9000
12000	20000	1	RMS	16313.539	-35.93	-13	Pass	8000
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1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:19185, Bandwidth:3, Modulation:16QAM, 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	-53.75	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.84	-13	Pass	2985
30	1000	0.1	RMS	889.489	-58.41	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.32	-13	Pass	830
1830	1920	1	RMS	1909.8	21.85	60	Pass	601
1920	3000	1	RMS	2666.691	-45.65	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.25	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.95	-13	Pass	8000
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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	0.011	-52.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.04	-13	Pass	2985
30	1000	0.1	RMS	924.892	-58.18	-13	Pass	9700
1000	1830	1	RMS	1828.999	-48.26	-13	Pass	830
1830	1920	1	RMS	1850.4	21.63	60	Pass	601
1920	3000	1	RMS	2666.691	-45.66	-13	Pass	1080
3000	12000	1	RMS	5551.283	-38.04	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.94	-13	Pass	8000
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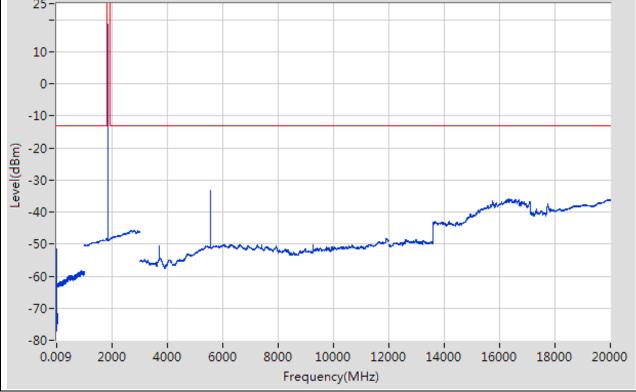
1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-52.61	-13	Pass	60
0.15	30	0.01	RMS	0.15	-50.81	-13	Pass	298
30	1000	0.1	RMS	900.19	-58.33	-13	Pass	970
1000	1830	1	RMS	1820.989	-48.32	-13	Pass	83
1830	1920	1	RMS	1854.6	20.27	60	Pass	60
1920	3000	1	RMS	2691.715	-45.67	-13	Pass	108
3000	12000	1	RMS	5564.285	-31.66	-13	Pass	9000
12000	20000	1	RMS	16313.539	-35.93	-13	Pass	800
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1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:18625, Bandwidth:5, Modulation:16QAM, 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	-53.54	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.43	-13	Pass	2985
30	1000	0.1	RMS	894.889	-58.32	-13	Pass	9700
1000	1830	1	RMS	1830	-48.36	-13	Pass	830
1830	1920	1	RMS	1850.25	18.75	60	Pass	601
1920	3000	1	RMS	2692.715	-45.67	-13	Pass	1080
3000	12000	1	RMS	5551.283	-33.32	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.94	-13	Pass	8000
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1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:18625, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

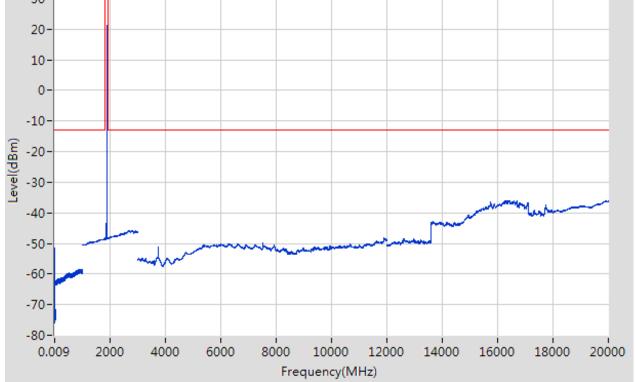
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.97	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.63	-13	Pass	2985
30	1000	0.1	RMS	889.889	-58.21	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.3	-13	Pass	830
1830	1920	1	RMS	1854.75	19.27	60	Pass	601
1920	3000	1	RMS	2693.716	-45.67	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.14	-13	Pass	9000
12000	20000	1	RMS	16317.54	-35.9	-13	Pass	8000
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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	-53.1	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.51	-13	Pass	2985
30	1000	0.1	RMS	910.491	-58.39	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.29	-13	Pass	830
1830	1920	1	RMS	1877.85	21.15	60	Pass	601
1920	3000	1	RMS	2667.692	-45.73	-13	Pass	1080
3000	12000	1	RMS	11897.989	-48.22	-13	Pass	9000
12000	20000	1	RMS	16313.539	-35.94	-13	Pass	8000
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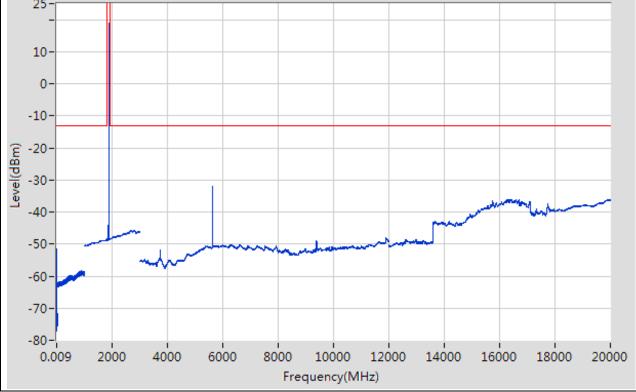
1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.01	-52.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.29	-13	Pass	2985
30	1000	0.1	RMS	916.091	-58.1	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.31	-13	Pass	830
1830	1920	1	RMS	1882.2	21.82	60	Pass	601
1920	3000	1	RMS	2667.692	-45.71	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.22	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.93	-13	Pass	8000
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1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:18900, Bandwidth:5, Modulation:16QAM, 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	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.36	-13	Pass	2985
30	1000	0.1	RMS	899.59	-58.27	-13	Pass	9700
1000	1830	1	RMS	1828.999	-48.39	-13	Pass	830
1830	1920	1	RMS	1877.85	18.82	60	Pass	601
1920	3000	1	RMS	2668.693	-45.74	-13	Pass	1080
3000	12000	1	RMS	5633.293	-31.93	-13	Pass	9000
12000	20000	1	RMS	16318.54	-36	-13	Pass	8000
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1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:18900, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.72	-13	Pass	2985
30	1000	0.1	RMS	870.987	-58.26	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.38	-13	Pass	830
1830	1920	1	RMS	1882.2	19.14	60	Pass	601
1920	3000	1	RMS	2666.691	-45.72	-13	Pass	1080
3000	12000	1	RMS	11895.988	-48.23	-13	Pass	9000
12000	20000	1	RMS	16312.539	-35.96	-13	Pass	8000
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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	-52.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.85	-13	Pass	2985
30	1000	0.1	RMS	887.388	-58.29	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.37	-13	Pass	830
1830	1920	1	RMS	1905.3	21.73	60	Pass	601
1920	3000	1	RMS	2667.692	-45.71	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.26	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.9	-13	Pass	8000
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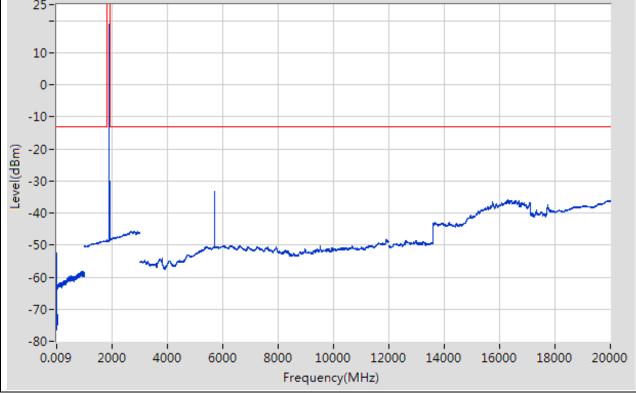
1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.011	-54.47	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.29	-13	Pass	2985
30	1000	0.1	RMS	893.889	-58.22	-13	Pass	9700
1000	1830	1	RMS	1830	-48.36	-13	Pass	830
1830	1920	1	RMS	1909.65	20.01	60	Pass	601
1920	3000	1	RMS	2666.691	-45.68	-13	Pass	1080
3000	12000	1	RMS	5729.303	-34.89	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.91	-13	Pass	8000
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1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:19175, Bandwidth:5, Modulation:16QAM, 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	-52.78	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.32	-13	Pass	2985
30	1000	0.1	RMS	903.39	-58.34	-13	Pass	9700
1000	1830	1	RMS	1830	-48.37	-13	Pass	830
1830	1920	1	RMS	1905.3	19.01	60	Pass	601
1920	3000	1	RMS	2673.698	-45.7	-13	Pass	1080
3000	12000	1	RMS	5716.302	-33.14	-13	Pass	9000
12000	20000	1	RMS	16313.539	-35.96	-13	Pass	8000
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1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:19175, Bandwidth:5, Modulation:16QAM, 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	-52.26	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.83	-13	Pass	2985
30	1000	0.1	RMS	916.191	-58.38	-13	Pass	9700
1000	1830	1	RMS	1830	-48.35	-13	Pass	830
1830	1920	1	RMS	1909.65	18.55	60	Pass	601
1920	3000	1	RMS	2670.695	-45.68	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.19	-13	Pass	9000
12000	20000	1	RMS	16317.54	-35.89	-13	Pass	8000
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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	0.011	-53.24	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.5	-13	Pass	2985
30	1000	0.1	RMS	923.492	-58.38	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.32	-13	Pass	830
1830	1920	1	RMS	1850.55	20.93	60	Pass	60
1920	3000	1	RMS	2672.697	-45.67	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.26	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.92	-13	Pass	8000
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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	-51.84	-13	Pass	60
0.15	30	0.01	RMS	0.16	-52.2	-13	Pass	298
30	1000	0.1	RMS	999	-58.33	-13	Pass	970
1000	1830	1	RMS	1824.994	-48.32	-13	Pass	83
1830	1920	1	RMS	1859.4	22.71	60	Pass	60
1920	3000	1	RMS	2665.69	-45.62	-13	Pass	108
3000	12000	1	RMS	11898.989	-48.24	-13	Pass	900
12000	20000	1	RMS	16317.54	-35.84	-13	Pass	800
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1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:18650, Bandwidth:10, Modulation:16QAM, 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	-52.88	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.34	-13	Pass	2985
30	1000	0.1	RMS	880.188	-58.38	-13	Pass	9700
1000	1830	1	RMS	1828.999	-48.21	-13	Pass	830
1830	1920	1	RMS	1850.55	21.23	60	Pass	601
1920	3000	1	RMS	2669.694	-46.03	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.11	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.8	-13	Pass	8000
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1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:18650, Bandwidth:10, Modulation:16QAM, 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	-52.22	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.69	-13	Pass	2985
30	1000	0.1	RMS	871.187	-58.24	-13	Pass	9700
1000	1830	1	RMS	1825.995	-48.21	-13	Pass	830
1830	1920	1	RMS	1859.4	22.85	60	Pass	601
1920	3000	1	RMS	2691.715	-46.07	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.13	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.75	-13	Pass	8000
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1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

0.15 30 0.01 RMS 0.15 -51.17 -13 Pass 298 30 1000 0.1 RMS 886.888 -58.13 -13 Pass 970 1000 1830 1 RMS 1830 -48.25 -13 Pass 83 1830 1920 1 RMS 1875.6 20.48 60 Pass 60 1920 3000 1 RMS 2667.692 -46.09 -13 Pass 108 3000 12000 1 RMS 11899.989 -48.12 -13 Pass 900 12000 20000 1 RMS 16316.54 -35.78 -13 Pass 800	Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
30	0.009	0.15	0.001	RMS	0.009	-53.46	-13	Pass	601
1000 1830 1 RMS 1830 -48.25 -13 Pass 83 1830 1920 1 RMS 1875.6 20.48 60 Pass 60 1920 3000 1 RMS 2667.692 -46.09 -13 Pass 108 3000 12000 1 RMS 11899.989 -48.12 -13 Pass 900 12000 20000 1 RMS 16316.54 -35.78 -13 Pass 800	0.15	30	0.01	RMS	0.15	-51.17	-13	Pass	298
1830 1920 1 RMS 1875.6 20.48 60 Pass 60 1920 3000 1 RMS 2667.692 -46.09 -13 Pass 108 3000 12000 1 RMS 11899.989 -48.12 -13 Pass 900 12000 20000 1 RMS 16316.54 -35.78 -13 Pass 800	30	1000	0.1	RMS	886.888	-58.13	-13	Pass	9700
1920 3000 1 RMS 2667.692 -46.09 -13 Pass 108 3000 12000 1 RMS 11899.989 -48.12 -13 Pass 900 12000 20000 1 RMS 16316.54 -35.78 -13 Pass 800	1000	1830	1	RMS	1830	-48.25	-13	Pass	830
3000 12000 1 RMS 11899.989 -48.12 -13 Pass 900 12000 20000 1 RMS 16316.54 -35.78 -13 Pass 800 30- 20- 10- 010-	1830	1920	1	RMS	1875.6	20.48	60	Pass	601
12000 20000 1 RMS 16316.54 -35.78 -13 Pass 800	1920	3000	1	RMS	2667.692	-46.09	-13	Pass	1080
30- 20- 10- 0- -10-	3000	12000	1	RMS	11899.989	-48.12	-13	Pass	9000
20- 10- 0- -10-	12000	20000	1	RMS	16316.54	-35.78	-13	Pass	8000
	20- 10- 0- -10-								



-60-

-70-

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0.009

4000

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8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

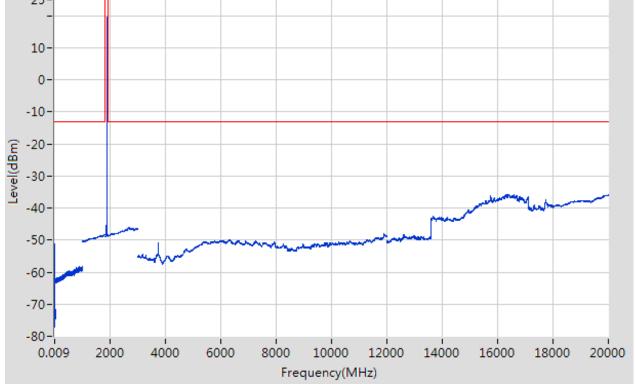
1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-52.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.02	-13	Pass	2985
30	1000	0.1	RMS	911.191	-58.31	-13	Pass	9700
1000	1830	1	RMS	1828.999	-48.23	-13	Pass	830
1830	1920	1	RMS	1884.45	21.83	60	Pass	601
1920	3000	1	RMS	2672.697	-46.06	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48.08	-13	Pass	9000
12000	20000	1	RMS	16317.54	-35.78	-13	Pass	8000
30- 20- 10- 0- -10- (\widehat{\text{Wg}}{\text{P}}) -30-							M 1	



1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:18900, Bandwidth:10, Modulation:16QAM, 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	-52.63	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.13	-13	Pass	2985
30	1000	0.1	RMS	881.788	-58.27	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.26	-13	Pass	830
1830	1920	1	RMS	1875.6	19.49	60	Pass	601
1920	3000	1	RMS	2667.692	-46.06	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.07	-13	Pass	9000
12000	20000	1	RMS	16317.54	-35.81	-13	Pass	8000
25 - - 10 - 0 -								





-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:18900, Bandwidth:10, Modulation:16QAM, 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	-53.65	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.78	-13	Pass	298
30	1000	0.1	RMS	908.891	-58.31	-13	Pass	970
1000	1830	1	RMS	1807.973	-48.25	-13	Pass	83
1830	1920	1	RMS	1884.45	21.01	60	Pass	60
1920	3000	1	RMS	2666.691	-46.04	-13	Pass	108
3000	12000	1	RMS	11900.989	-48.12	-13	Pass	900
12000	20000	1	RMS	16317.54	-35.71	-13	Pass	800
20- 10- 0- -10- -20-								
-40-					p-14-0-1	photo when the same	Mun	



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	-53.26	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.25	-13	Pass	2985
30	1000	0.1	RMS	898.79	-58.19	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.24	-13	Pass	830
1830	1920	1	RMS	1900.65	21.18	60	Pass	601
1920	3000	1	RMS	2669.694	-46.05	-13	Pass	1080
3000	12000	1	RMS	11897.989	-48.15	-13	Pass	9000
12000	20000	1	RMS	16321.54	-35.76	-13	Pass	8000
20- 10- 0- -10- (\(\mathbb{W}\) -20- -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000

Frequency(MHz)



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-50-

-60-

-70-

-80-

0.009

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2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

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	0.012	-53.2	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.2	-13	Pass	2985
30	1000	0.1	RMS	872.387	-58.34	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.26	-13	Pass	830
1830	1920	1	RMS	1909.35	21.61	60	Pass	601
1920	3000	1	RMS	2670.695	-46.02	-13	Pass	1080
3000	12000	1	RMS	11901.989	-48.1	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.79	-13	Pass	8000
30- 20- 10- 0- -10-								



1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:19150, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)



1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:19150, Bandwidth:10, Modulation:16QAM, 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	-52.97	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.69	-13	Pass	2985
30	1000	0.1	RMS	899.59	-58.2	-13	Pass	9700
1000	1830	1	RMS	1810.977	-48.26	-13	Pass	830
1830	1920	1	RMS	1909.35	21.11	60	Pass	601
1920	3000	1	RMS	2668.693	-46.09	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.14	-13	Pass	9000
12000	20000	1	RMS	16316.54	-35.77	-13	Pass	8000
20- 10- 0- -10- (\(\text{Wg}\)) -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000

Frequency(MHz)



-70-

-80-

0.009

4000

2000

6000

8000

10000

Frequency(MHz)

12000

14000

16000

18000

20000

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	0.01	-53.14	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.92	-13	Pass	298
30	1000	0.1	RMS	905.79	-58.04	-13	Pass	970
1000	1830	1	RMS	1830	-48.16	-13	Pass	83
1830	1920	1	RMS	1850.85	21.36	60	Pass	60
1920	3000	1	RMS	2667.692	-46.06	-13	Pass	108
3000	12000	1	RMS	11899.989	-48.09	-13	Pass	900
12000	20000	1	RMS	16320.54	-35.76	-13	Pass	800
20- 10- 0- -10-								
-20- -30- -40-			~~			parameter a series of the seri	Mush	



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-60-

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10000 12000

Frequency(MHz)

16000

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18000

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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	0.01	-53.56	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.52	-13	Pass	2985
30	1000	0.1	RMS	897.989	-58.32	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.2	-13	Pass	830
1830	1920	1	RMS	1864.2	22.43	60	Pass	601
1920	3000	1	RMS	2669.694	-46.04	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48.08	-13	Pass	9000
12000	20000	1	RMS	16310.539	-35.74	-13	Pass	8000
30- 20- 10- 0- -10-								
(Eg -20- 9 -30-								



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-80-

0.009

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10000 12000

Frequency(MHz)

14000

16000

18000

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1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.64	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.2	-13	Pass	298
30	1000	0.1	RMS	903.59	-58.23	-13	Pass	9700
1000	1830	1	RMS	1824.994	-48.2	-13	Pass	830
1830	1920	1	RMS	1850.85	22.12	60	Pass	60
1920	3000	1	RMS	2694.717	-46.06	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48.09	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.82	-13	Pass	8000
20- 10- 0- -10-								
-20 - -30 - -40 -			Maria			per substituting the substitution the su	Ment	



1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)



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10000 12000

Frequency(MHz)

14000

16000

18000

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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	-52.85	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.8	-13	Pass	2985
30	1000	0.1	RMS	890.989	-58.11	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.17	-13	Pass	830
1830	1920	1	RMS	1873.35	20.95	60	Pass	601
1920	3000	1	RMS	2668.693	-45.95	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.02	-13	Pass	9000
12000	20000	1	RMS	16312.539	-35.73	-13	Pass	8000
30 - 20 - 10 - 0 - -10 - -20 - -30 - -40 -								



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-70-

-80-

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Frequency(MHz)

12000

14000

16000

18000

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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	-52.77	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.02	-13	Pass	2985
30	1000	0.1	RMS	970.097	-58.24	-13	Pass	9700
1000	1830	1	RMS	1824.994	-48.11	-13	Pass	830
1830	1920	1	RMS	1886.7	22.67	60	Pass	601
1920	3000	1	RMS	2687.711	-45.96	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48.01	-13	Pass	9000
12000	20000	1	RMS	16316.54	-35.66	-13	Pass	8000
30- 20- 10- 0- -10- (\widehat{\text{Wg}}{\text{P}}) -30-						and the same	Man Name	



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Frequency(MHz)

16000

14000

18000

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1.55. LTE Transmitter Spurious Emissions(NTNV)(Subtest:55, Channel:18900, Bandwidth:15, Modulation:16QAM, 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	-53.73	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.68	-13	Pass	2985
30	1000	0.1	RMS	917.191	-58.25	-13	Pass	9700
1000	1830	1	RMS	1825.995	-48.17	-13	Pass	830
1830	1920	1	RMS	1873.35	20	60	Pass	601
1920	3000	1	RMS	2668.693	-45.93	-13	Pass	1080
3000	12000	1	RMS	11899.989	-47.99	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.7	-13	Pass	8000
30- 20- 10- 0- -10- (Egg) -30- -40- -50-					professor de la constitución de	A CONTRACT OF THE PARTY OF THE	Murum	



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Frequency(MHz)

16000

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18000

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1.56. LTE Transmitter Spurious Emissions(NTNV)(Subtest:56, Channel:18900, Bandwidth:15, Modulation:16QAM, 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	60
0.15	30	0.01	RMS	0.15	-50.91	-13	Pass	298
30	1000	0.1	RMS	901.89	-58.19	-13	Pass	970
1000	1830	1	RMS	1822.992	-48.13	-13	Pass	830
1830	1920	1	RMS	1886.7	21.88	60	Pass	60 ⁻
1920	3000	1	RMS	2667.692	-45.96	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.07	-13	Pass	9000
12000	20000	1	RMS	16316.54	-35.68	-13	Pass	800
30- 20- 10- 0- -10- -20-								
-40-						Name of Street, Street, St.	Mark	



1.57. LTE Transmitter Spurious Emissions(NTNV)(Subtest:57, Channel:19125, 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	-53.65	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.07	-13	Pass	2985
30	1000	0.1	RMS	917.391	-58.3	-13	Pass	9700
1000	1830	1	RMS	1822.992	-48.11	-13	Pass	830
1830	1920	1	RMS	1895.85	22.6	60	Pass	601
1920	3000	1	RMS	2669.694	-45.96	-13	Pass	1080
3000	12000	1	RMS	11901.989	-48.06	-13	Pass	9000
12000	20000	1	RMS	16311.539	-35.69	-13	Pass	8000
30- 20- 10- 0- -10-								





-70-

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0.009

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2000

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8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

1.58. LTE Transmitter Spurious Emissions(NTNV)(Subtest:58, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

0.009 0.15 30 1000 1830 1920 3000 12000 30- 20- 10-	0.15 30 1000 1830 1920 3000 12000 20000	0.001 0.01 0.1 1 1 1	RMS RMS RMS RMS RMS RMS RMS RMS RMS	0.009 0.15 890.289 1824.994 1909.2 2665.69 11899.989	-53.25 -50.9 -58.25 -48.11 21.93 -45.96 -48.04	-13 -13 -13 -13 60 -13	Pass Pass Pass Pass Pass Pass	601 2985 9700 830 601 1080
30 1000 1830 1920 3000 12000	1000 1830 1920 3000 12000	0.1 1 1 1	RMS RMS RMS RMS RMS	890.289 1824.994 1909.2 2665.69	-58.25 -48.11 21.93 -45.96	-13 -13 60 -13	Pass Pass Pass Pass	9700 830 601
1000 1830 1920 3000 12000	1830 1920 3000 12000	1 1 1	RMS RMS RMS RMS	1824.994 1909.2 2665.69	-48.11 21.93 -45.96	-13 60 -13	Pass Pass Pass	830 601
1830 1920 3000 12000	1920 3000 12000	1 1	RMS RMS RMS	1909.2 2665.69	21.93 -45.96	60 -13	Pass Pass	60′
1920 3000 12000 30- 20-	3000 12000	1	RMS RMS	2665.69	-45.96	-13	Pass	
3000 12000 30- 20-	12000	1	RMS					1080
12000 30- 20-		-		11899.989	-48.04	-13		
20-	20000	1	DMC			10	Pass	9000
20-		_	KIVIS	16317.54	-35.67	-13	Pass	8000
0- -10- -20- -30-								



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0.009

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10000 12000

Frequency(MHz)

16000

14000

18000

20000

1.59. LTE Transmitter Spurious Emissions(NTNV)(Subtest:59, Channel:19125, Bandwidth:15, Modulation:16QAM, 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	-53.58	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.73	-13	Pass	2985
30	1000	0.1	RMS	914.391	-58.13	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.1	-13	Pass	830
1830	1920	1	RMS	1895.85	22.51	60	Pass	601
1920	3000	1	RMS	1922.002	-45.77	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.68	-13	Pass	8000
20- 10- 0- -10- -20-						. de	M	
-40-							S. S. Ballaran	



1.60. LTE Transmitter Spurious Emissions(NTNV)(Subtest:60, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)



-40-

-50-

-60-

-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

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	0.012	-53.42	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.24	-13	Pass	2985
30	1000	0.1	RMS	888.388	-58.18	-13	Pass	9700
1000	1830	1	RMS	1827.998	-48.14	-13	Pass	830
1830	1920	1	RMS	1851.15	21.49	60	Pass	601
1920	3000	1	RMS	2667.692	-45.94	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.7	-13	Pass	8000
30- 20- 10- 0- -10- En -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	0.01	-53.96	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.82	-13	Pass	2985
30	1000	0.1	RMS	988.599	-58.32	-13	Pass	9700
1000	1830	1	RMS	1830	-48.15	-13	Pass	830
1830	1920	1	RMS	1868.85	21.1	60	Pass	601
1920	3000	1	RMS	2664.69	-45.94	-13	Pass	1080
3000	12000	1	RMS	11894.988	-48.11	-13	Pass	9000
12000	20000	1	RMS	16317.54	-35.65	-13	Pass	8000
30- 20- 10- 0- -10-								
.20-								



-70-

-80-

0.009

4000

2000

6000

8000

10000 12000

Frequency(MHz)

16000

14000

18000

20000

1.63. LTE Transmitter Spurious Emissions(NTNV)(Subtest:63, Channel:18700, Bandwidth:20, Modulation:16QAM, 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	-52.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.14	-13	Pass	298
30	1000	0.1	RMS	880.888	-58.21	-13	Pass	9700
1000	1830	1	RMS	1823.993	-48.15	-13	Pass	830
1830	1920	1	RMS	1851.15	20.81	60	Pass	601
1920	3000	1	RMS	2668.693	-45.91	-13	Pass	1080
3000	12000	1	RMS	11898.989	-48.08	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.8	-13	Pass	8000
20- 10- 0- -10- -20-								
-40-					***	الله يعمد والمعامد والمر	Men	



1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:18700, Bandwidth:20, Modulation:16QAM, 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	-53.36	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.24	-13	Pass	2985
30	1000	0.1	RMS	931.793	-58.36	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.24	-13	Pass	830
1830	1920	1	RMS	1868.85	20.4	60	Pass	601
1920	3000	1	RMS	2669.694	-46.05	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.11	-13	Pass	9000
12000	20000	1	RMS	16315.539	-35.75	-13	Pass	8000
20- 10- 0- -10- (\text{Wgp}) -30- -30- -40- -50- -60- -70- -80- 0.009	2000 4000	6000	8000	10000 12000	0 14000	16000	18000	20000

Frequency(MHz)



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-80-

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Frequency(MHz)

12000

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16000

18000

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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	0.012	-52.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.46	-13	Pass	2985
30	1000	0.1	RMS	918.892	-58.33	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.27	-13	Pass	830
1830	1920	1	RMS	1871.1	22.18	60	Pass	601
1920	3000	1	RMS	2692.715	-45.65	-13	Pass	1080
3000	12000	1	RMS	11900.989	-48.19	-13	Pass	9000
12000	20000	1	RMS	16318.54	-35.81	-13	Pass	8000
30 - 20 - 10 - 0 - -10 - -20 - -30 - -40 -								



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Frequency(MHz)

16000

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1.66. LTE Transmitter Spurious Emissions(NTNV)(Subtest:66, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

0.009 0.15 30 1000 1830	0.15 30 1000 1830	0.001	RMS RMS	0.009	-51.64	-13	Pass	001
30 1000	1000		RMS	0.45		_	1 033	601
1000		0.4		0.15	-51.06	-13	Pass	2985
	1920	0.1	RMS	903.69	-58.3	-13	Pass	9700
1830	1030	1	RMS	1826.996	-48.27	-13	Pass	830
	1920	1	RMS	1888.95	23.31	60	Pass	601
1920	3000	1	RMS	2670.695	-45.6	-13	Pass	1080
3000	12000	1	RMS	11896.989	-48.13	-13	Pass	9000
12000	20000	1	RMS	16313.539	-35.83	-13	Pass	8000
30- 20- 10- 0- -10- -20-								



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Frequency(MHz)

16000

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1.67. LTE Transmitter Spurious Emissions(NTNV)(Subtest:67, Channel:18900, Bandwidth:20, Modulation:16QAM, 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	-53.5	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.72	-13	Pass	2985
30	1000	0.1	RMS	892.689	-58.31	-13	Pass	9700
1000	1830	1	RMS	1824.994	-48.31	-13	Pass	830
1830	1920	1	RMS	1871.1	20.66	60	Pass	601
1920	3000	1	RMS	2692.715	-45.65	-13	Pass	1080
3000	12000	1	RMS	11891.988	-48.17	-13	Pass	9000
12000	20000	1	RMS	16319.54	-35.79	-13	Pass	8000
30- 20- 10- 0- -10-								



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Frequency(MHz)

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1.68. LTE Transmitter Spurious Emissions(NTNV)(Subtest:68, Channel:18900, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.16	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.8	-13	Pass	298
30	1000	0.1	RMS	905.59	-58.21	-13	Pass	970
1000	1830	1	RMS	1823.993	-48.26	-13	Pass	83
1830	1920	1	RMS	1888.95	22.44	60	Pass	60
1920	3000	1	RMS	2677.702	-45.66	-13	Pass	108
3000	12000	1	RMS	11899.989	-48.06	-13	Pass	900
12000	20000	1	RMS	16316.54	-35.83	-13	Pass	800
30- 20- 10- 0- -10- -20- -30-								



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Frequency(MHz)

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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	-52.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.92	-13	Pass	2985
30	1000	0.1	RMS	892.789	-58.31	-13	Pass	9700
1000	1830	1	RMS	1826.996	-48.23	-13	Pass	830
1830	1920	1	RMS	1891.05	23.45	60	Pass	601
1920	3000	1	RMS	2671.696	-45.62	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.18	-13	Pass	9000
12000	20000	1	RMS	16316.54	-35.81	-13	Pass	8000
30 - 20 - 10 - 0 - -10 -								



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Frequency(MHz)

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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	-52.46	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.34	-13	Pass	298
30	1000	0.1	RMS	945.594	-58.26	-13	Pass	970
1000	1830	1	RMS	1828.999	-48.13	-13	Pass	83
1830	1920	1	RMS	1908.9	23.27	60	Pass	60
1920	3000	1	RMS	2668.693	-45.96	-13	Pass	108
3000	12000	1	RMS	11898.989	-48.11	-13	Pass	900
12000	20000	1	RMS	16319.54	-35.77	-13	Pass	800
30- 20- 10- 0- -10- -20- -30- -40-						- Name and the same of the sam	Manh	



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Frequency(MHz)

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1.71. LTE Transmitter Spurious Emissions(NTNV)(Subtest:71, Channel:19100, Bandwidth:20, Modulation:16QAM, 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	-53.56	-13	Pass	60
0.15	30	0.01	RMS	0.15	-51.75	-13	Pass	298
30	1000	0.1	RMS	895.689	-58.05	-13	Pass	970
1000	1830	1	RMS	1823.993	-48.13	-13	Pass	83
1830	1920	1	RMS	1891.05	23.27	60	Pass	60
1920	3000	1	RMS	2689.713	-45.95	-13	Pass	1080
3000	12000	1	RMS	11894.988	-48.16	-13	Pass	9000
12000	20000	1	RMS	16316.54	-35.8	-13	Pass	800
30- 20- 10- 0- -10- -20- -30-						Alarman Market M	Ment	



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-80-

0.009

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Frequency(MHz)

14000

16000

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1.72. LTE Transmitter Spurious Emissions(NTNV)(Subtest:72, Channel:19100, Bandwidth:20, Modulation:16QAM, 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	-52.87	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.68	-13	Pass	298
30	1000	0.1	RMS	890.489	-58.32	-13	Pass	970
1000	1830	1	RMS	1828.999	-48.15	-13	Pass	83
1830	1920	1	RMS	1908.9	21.93	60	Pass	60 ⁻
1920	3000	1	RMS	2664.69	-45.99	-13	Pass	1080
3000	12000	1	RMS	11899.989	-48.14	-13	Pass	9000
12000	20000	1	RMS	16312.539	-35.84	-13	Pass	800
20- 10- 0- -10- -20- -30-								
-40-						- Marine	M	



END