

Annex C. LTE Transmitter Spurious Emissions



1. LTE_Band4

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

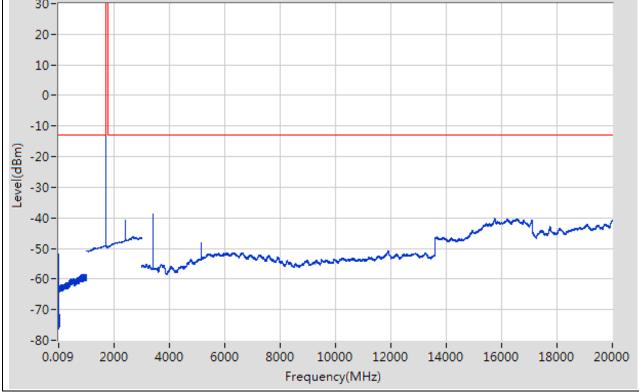
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.29	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.46	-13	Pass	2985
30	1000	0.1	RMS	893.889	-58.54	-13	Pass	9700
1000	1700	1	RMS	1700	-48.8	-13	Pass	700
1700	1765	1	RMS	1710.292	23.38	60	Pass	601
1765	3000	1	RMS	2413.525	-41.74	-13	Pass	1235
3000	12000	1	RMS	3420.047	-39.76	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40	-13	Pass	8000
20-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.2	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.88	-13	Pass	2985
30	1000	0.1	RMS	896.889	-58.46	-13	Pass	9700
1000	1700	1	RMS	1700	-48.88	-13	Pass	700
1700	1765	1	RMS	1711.158	23.36	60	Pass	601
1765	3000	1	RMS	2409.522	-40.9	-13	Pass	1235
3000	12000	1	RMS	3422.047	-38.68	-13	Pass	9000
12000	20000	1	RMS	15749.469	-39.96	-13	Pass	8000
30- 20- 10-								





1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:19957, 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	-53.07	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.15	-13	Pass	2985
30	1000	0.1	RMS	955.495	-58.54	-13	Pass	9700
1000	1700	1	RMS	1700	-48.87	-13	Pass	700
1700	1765	1	RMS	1710.292	22.67	60	Pass	601
1765	3000	1	RMS	2407.52	-43.86	-13	Pass	1235
3000	12000	1	RMS	3420.047	-40.14	-13	Pass	9000
12000	20000	1	RMS	15754.469	-40.11	-13	Pass	8000
20-								





1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:19957, 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	-53.32	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.43	-13	Pass	2985
30	1000	0.1	RMS	947.895	-58.39	-13	Pass	9700
1000	1700	1	RMS	1700	-48.97	-13	Pass	700
1700	1765	1	RMS	1711.158	22.8	60	Pass	601
1765	3000	1	RMS	2413.525	-40.6	-13	Pass	1235
3000	12000	1	RMS	3422.047	-39.29	-13	Pass	9000
12000	20000	1	RMS	15752.469	-40	-13	Pass	8000
30- 20- 10- 0- -10-								





1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:20175, 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	-52.92	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.93	-13	Pass	2985
30	1000	0.1	RMS	939.094	-58.39	-13	Pass	9700
1000	1700	1	RMS	1668.956	-49.17	-13	Pass	700
1700	1765	1	RMS	1732.067	23.21	60	Pass	601
1765	3000	1	RMS	2676.738	-46.17	-13	Pass	1235
3000	12000	1	RMS	3464.052	-38.67	-13	Pass	9000
12000	20000	1	RMS	15746.468	-40.1	-13	Pass	8000
30- 20- 10-								





1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

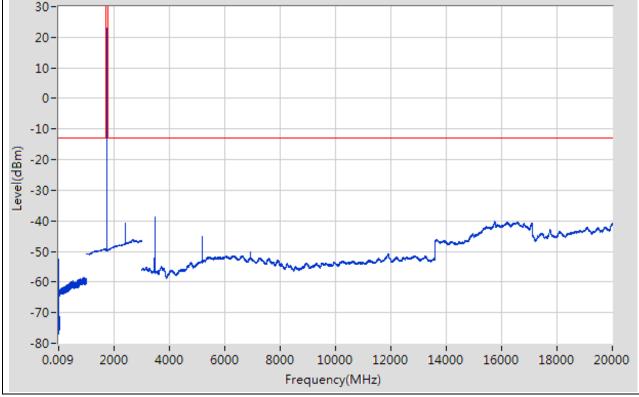
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.37	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.73	-13	Pass	2985
30	1000	0.1	RMS	894.089	-58.3	-13	Pass	9700
1000	1700	1	RMS	1697.997	-49.18	-13	Pass	700
1700	1765	1	RMS	1732.933	23.27	60	Pass	601
1765	3000	1	RMS	2408.521	-41.63	-13	Pass	1235
3000	12000	1	RMS	3466.052	-38.72	-13	Pass	9000
12000	20000	1	RMS	15748.469	-40.02	-13	Pass	8000
20-								





1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:20175, 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	-52.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.4	-13	Pass	2985
30	1000	0.1	RMS	891.889	-58.44	-13	Pass	9700
1000	1700	1	RMS	1691.989	-49.17	-13	Pass	700
1700	1765	1	RMS	1732.067	23.03	60	Pass	601
1765	3000	1	RMS	2409.522	-40.67	-13	Pass	1235
3000	12000	1	RMS	3464.052	-38.83	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.01	-13	Pass	8000
30-								





1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:20175, 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	-53.1	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.52	-13	Pass	2985
30	1000	0.1	RMS	899.39	-58.35	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.12	-13	Pass	700
1700	1765	1	RMS	1732.933	22.88	60	Pass	601
1765	3000	1	RMS	2412.524	-41.63	-13	Pass	1235
3000	12000	1	RMS	3466.052	-39.2	-13	Pass	9000
12000	20000	1	RMS	15746.468	-40.03	-13	Pass	8000
20-								





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

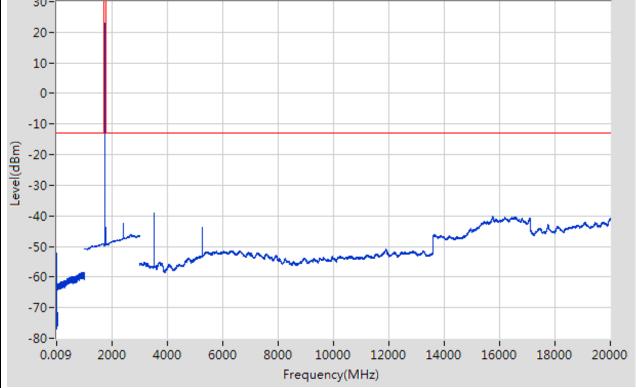
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.37	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.81	-13	Pass	2985
30	1000	0.1	RMS	875.687	-58.53	-13	Pass	9700
1000	1700	1	RMS	1689.986	-49.18	-13	Pass	700
1700	1765	1	RMS	1753.842	23.09	60	Pass	601
1765	3000	1	RMS	2407.52	-44.1	-13	Pass	1235
3000	12000	1	RMS	3508.056	-38.44	-13	Pass	9000
12000	20000	1	RMS	15743.468	-40.09	-13	Pass	8000
30 - 20 - 10 -								





1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.04	-13	Pass	2985
30	1000	0.1	RMS	900.19	-58.39	-13	Pass	9700
1000	1700	1	RMS	1690.987	-49.16	-13	Pass	700
1700	1765	1	RMS	1754.708	23.03	60	Pass	601
1765	3000	1	RMS	2412.524	-42.47	-13	Pass	1235
3000	12000	1	RMS	3509.057	-39.16	-13	Pass	9000
12000	20000	1	RMS	15746.468	-40.01	-13	Pass	8000
30- 20- 10- 0-								





1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:20393, 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	-52.91	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52	-13	Pass	2985
30	1000	0.1	RMS	891.789	-58.22	-13	Pass	9700
1000	1700	1	RMS	1697.997	-49.23	-13	Pass	700
1700	1765	1	RMS	1753.842	21.61	60	Pass	601
1765	3000	1	RMS	2406.519	-45.88	-13	Pass	1235
3000	12000	1	RMS	3508.056	-39.68	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40	-13	Pass	8000
30- 20- 10- 0-								





1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:20393, 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	-52.45	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.86	-13	Pass	2985
30	1000	0.1	RMS	885.388	-58.51	-13	Pass	9700
1000	1700	1	RMS	1694.993	-49.21	-13	Pass	700
1700	1765	1	RMS	1754.708	21.64	60	Pass	601
1765	3000	1	RMS	2408.521	-42.05	-13	Pass	1235
3000	12000	1	RMS	3509.057	-40.21	-13	Pass	9000
12000	20000	1	RMS	15744.468	-40.03	-13	Pass	8000
30- 20- 10-								





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

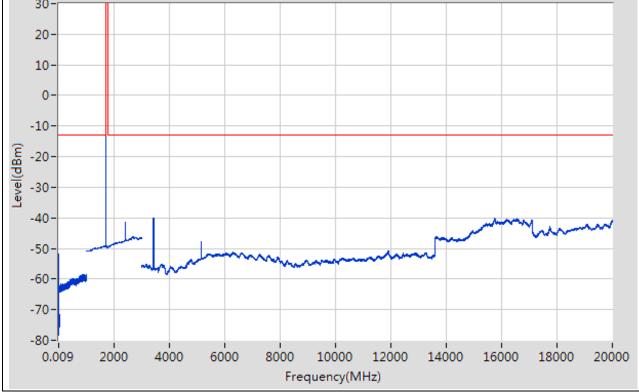
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.44	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.18	-13	Pass	2985
30	1000	0.1	RMS	941.794	-58.52	-13	Pass	9700
1000	1700	1	RMS	1700	-48.87	-13	Pass	700
1700	1765	1	RMS	1710.292	23.39	60	Pass	601
1765	3000	1	RMS	2411.524	-41.3	-13	Pass	1235
3000	12000	1	RMS	3420.047	-39.51	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.06	-13	Pass	8000
30- 20- 10-								





1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.17	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.84	-13	Pass	2985
30	1000	0.1	RMS	875.287	-58.44	-13	Pass	9700
1000	1700	1	RMS	1700	-48.97	-13	Pass	700
1700	1765	1	RMS	1712.783	23.16	60	Pass	601
1765	3000	1	RMS	2414.526	-41.37	-13	Pass	1235
3000	12000	1	RMS	3425.047	-40.04	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.06	-13	Pass	8000
30- 20- 10-								





1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:19965, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:LOW)

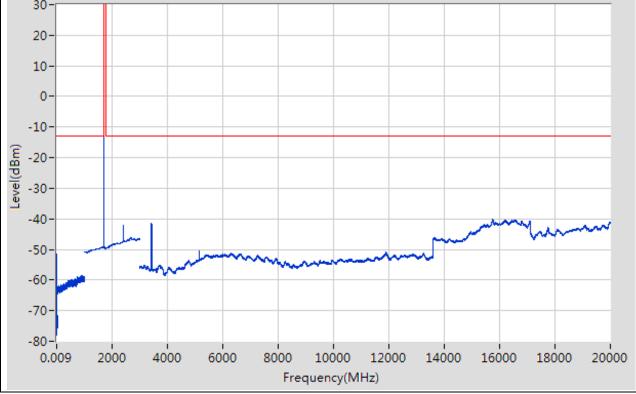
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.74	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.46	-13	Pass	2985
30	1000	0.1	RMS	901.99	-58.33	-13	Pass	9700
1000	1700	1	RMS	1700	-48.91	-13	Pass	700
1700	1765	1	RMS	1710.292	22.16	60	Pass	601
1765	3000	1	RMS	2411.524	-41.05	-13	Pass	1235
3000	12000	1	RMS	3420.047	-40.41	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.06	-13	Pass	8000
30- 20- 10-								





1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:19965, 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	-52.51	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.36	-13	Pass	2985
30	1000	0.1	RMS	921.092	-58.49	-13	Pass	9700
1000	1700	1	RMS	1700	-49.06	-13	Pass	700
1700	1765	1	RMS	1712.783	21.87	60	Pass	601
1765	3000	1	RMS	2414.526	-42.2	-13	Pass	1235
3000	12000	1	RMS	3425.047	-41.34	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40	-13	Pass	8000
20-								





1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

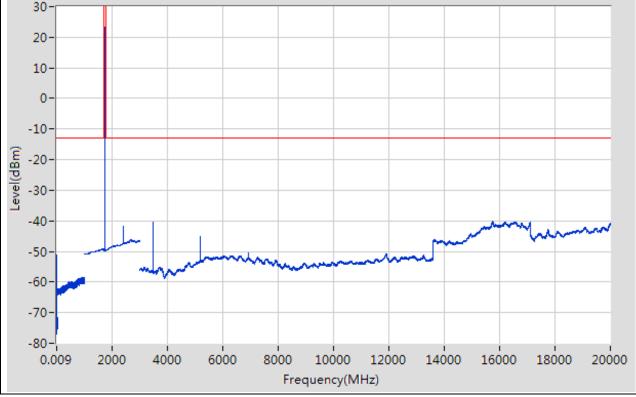
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.48	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.97	-13	Pass	2985
30	1000	0.1	RMS	893.889	-58.39	-13	Pass	9700
1000	1700	1	RMS	1697.997	-49.16	-13	Pass	700
1700	1765	1	RMS	1731.2	23.63	60	Pass	601
1765	3000	1	RMS	2412.524	-40.75	-13	Pass	1235
3000	12000	1	RMS	3462.051	-39.76	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.09	-13	Pass	8000
20-								





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

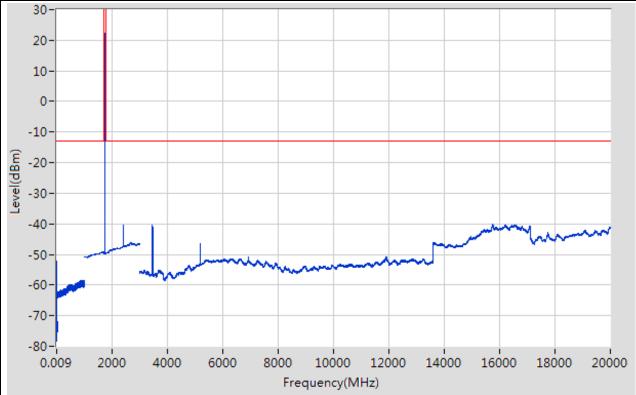
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.75	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.32	-13	Pass	2985
30	1000	0.1	RMS	926.192	-58.49	-13	Pass	9700
1000	1700	1	RMS	1694.993	-49.16	-13	Pass	700
1700	1765	1	RMS	1733.8	23.18	60	Pass	601
1765	3000	1	RMS	2412.524	-41.8	-13	Pass	1235
3000	12000	1	RMS	3467.052	-40.56	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.04	-13	Pass	8000
30-								





1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:20175, 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	-53.15	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.01	-13	Pass	2985
30	1000	0.1	RMS	866.686	-58.47	-13	Pass	9700
1000	1700	1	RMS	1700	-49.21	-13	Pass	700
1700	1765	1	RMS	1731.2	22.3	60	Pass	601
1765	3000	1	RMS	2410.523	-40.51	-13	Pass	1235
3000	12000	1	RMS	3462.051	-40.48	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.11	-13	Pass	8000
30-								





1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:20175, 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	-52.97	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.66	-13	Pass	2985
30	1000	0.1	RMS	911.291	-58.43	-13	Pass	9700
1000	1700	1	RMS	1700	-49.17	-13	Pass	700
1700	1765	1	RMS	1733.8	22.36	60	Pass	601
1765	3000	1	RMS	2410.523	-40.49	-13	Pass	1235
3000	12000	1	RMS	3467.052	-41.15	-13	Pass	9000
12000	20000	1	RMS	15748.469	-39.95	-13	Pass	8000
30- 20- 10-								





1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.56	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.34	-13	Pass	2985
30	1000	0.1	RMS	913.991	-58.14	-13	Pass	9700
1000	1700	1	RMS	1671.96	-49.18	-13	Pass	700
1700	1765	1	RMS	1752.217	23.02	60	Pass	601
1765	3000	1	RMS	2415.527	-43.82	-13	Pass	1235
3000	12000	1	RMS	3504.056	-38.23	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.07	-13	Pass	8000
20-								





1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

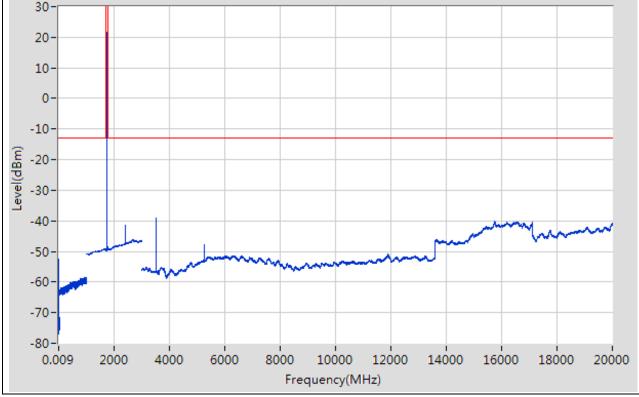
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.29	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.49	-13	Pass	2985
30	1000	0.1	RMS	915.691	-58.37	-13	Pass	9700
1000	1700	1	RMS	1654.936	-49.19	-13	Pass	700
1700	1765	1	RMS	1754.817	23.01	60	Pass	601
1765	3000	1	RMS	2416.528	-45.01	-13	Pass	1235
3000	12000	1	RMS	3509.057	-39.03	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.08	-13	Pass	8000
20-								





1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:20385, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:LOW)

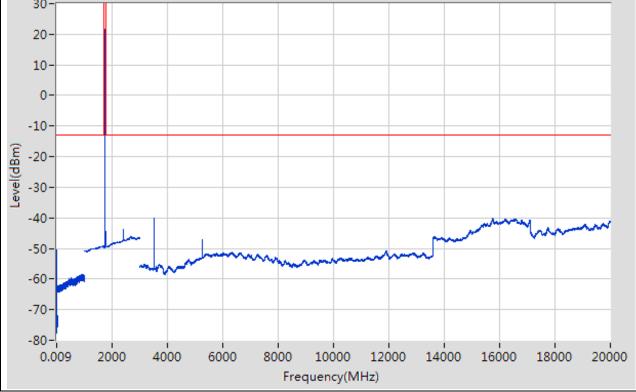
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.23	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.61	-13	Pass	2985
30	1000	0.1	RMS	973.897	-58.53	-13	Pass	9700
1000	1700	1	RMS	1691.989	-49.22	-13	Pass	700
1700	1765	1	RMS	1752.217	21.65	60	Pass	601
1765	3000	1	RMS	2412.524	-41.36	-13	Pass	1235
3000	12000	1	RMS	3504.056	-39.17	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40	-13	Pass	8000
30-								





1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:20385, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

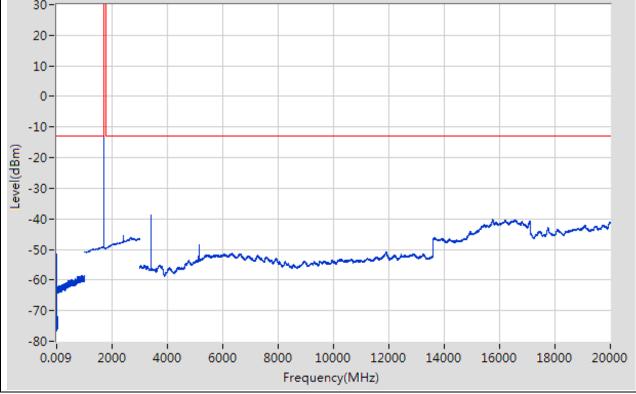
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.45	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.48	-13	Pass	2985
30	1000	0.1	RMS	921.892	-58.4	-13	Pass	9700
1000	1700	1	RMS	1652.933	-49.23	-13	Pass	700
1700	1765	1	RMS	1754.708	21.52	60	Pass	601
1765	3000	1	RMS	2407.52	-43.69	-13	Pass	1235
3000	12000	1	RMS	3509.057	-40.25	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.05	-13	Pass	8000
20-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.47	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.47	-13	Pass	2985
30	1000	0.1	RMS	927.693	-58.5	-13	Pass	9700
1000	1700	1	RMS	1700	-48.89	-13	Pass	700
1700	1765	1	RMS	1710.292	22.85	60	Pass	601
1765	3000	1	RMS	2416.528	-45.59	-13	Pass	1235
3000	12000	1	RMS	3421.047	-38.9	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.06	-13	Pass	8000
30- 20- 10-								





1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.5	-13	Pass	2985
30	1000	0.1	RMS	875.587	-58.49	-13	Pass	9700
1000	1700	1	RMS	1697.997	-49.04	-13	Pass	700
1700	1765	1	RMS	1714.625	23.2	60	Pass	601
1765	3000	1	RMS	2414.526	-41.76	-13	Pass	1235
3000	12000	1	RMS	3429.048	-38.95	-13	Pass	9000
12000	20000	1	RMS	15748.469	-39.98	-13	Pass	8000
30- 20- 10-								





1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:19975, 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	-52.31	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.88	-13	Pass	2985
30	1000	0.1	RMS	888.388	-58.45	-13	Pass	9700
1000	1700	1	RMS	1700	-49	-13	Pass	700
1700	1765	1	RMS	1710.4	21.54	60	Pass	601
1765	3000	1	RMS	2679.741	-46.19	-13	Pass	1235
3000	12000	1	RMS	3421.047	-40.19	-13	Pass	9000
12000	20000	1	RMS	15755.469	-40.06	-13	Pass	8000
30 - 20 - 10 -								





1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:19975, 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	0.011	-52.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.14	-13	Pass	2985
30	1000	0.1	RMS	968.997	-58.42	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.18	-13	Pass	700
1700	1765	1	RMS	1714.625	21.56	60	Pass	601
1765	3000	1	RMS	2415.527	-42.51	-13	Pass	1235
3000	12000	1	RMS	3429.048	-39.6	-13	Pass	9000
12000	20000	1	RMS	15746.468	-40.04	-13	Pass	8000
30 - 20 - 10 -								





1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.98	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.52	-13	Pass	2985
30	1000	0.1	RMS	974.997	-58.42	-13	Pass	9700
1000	1700	1	RMS	1662.947	-49.18	-13	Pass	700
1700	1765	1	RMS	1730.333	23.26	60	Pass	601
1765	3000	1	RMS	2408.521	-42.53	-13	Pass	1235
3000	12000	1	RMS	3461.051	-40.33	-13	Pass	9000
12000	20000	1	RMS	15749.469	-39.98	-13	Pass	8000
30 - 20 - 10 -								





1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.67	-13	Pass	2985
30	1000	0.1	RMS	885.588	-58.24	-13	Pass	9700
1000	1700	1	RMS	1697.997	-49.19	-13	Pass	700
1700	1765	1	RMS	1734.667	23.11	60	Pass	601
1765	3000	1	RMS	2409.522	-40.99	-13	Pass	1235
3000	12000	1	RMS	3469.052	-40.25	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.03	-13	Pass	8000
30- 20- 10-								





1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20175, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

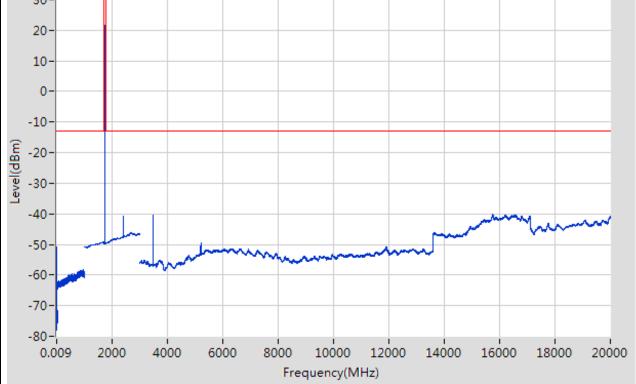
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.74	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.64	-13	Pass	2985
30	1000	0.1	RMS	991.099	-58.44	-13	Pass	9700
1000	1700	1	RMS	1696.996	-49.21	-13	Pass	700
1700	1765	1	RMS	1730.333	21.87	60	Pass	601
1765	3000	1	RMS	2679.741	-46.14	-13	Pass	1235
3000	12000	1	RMS	3461.051	-40.95	-13	Pass	9000
12000	20000	1	RMS	15749.469	-39.88	-13	Pass	8000
30- 20- 10- 0-								





1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:20175, 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	0.01	-53.37	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.95	-13	Pass	2985
30	1000	0.1	RMS	947.495	-58.37	-13	Pass	9700
1000	1700	1	RMS	1700	-49.22	-13	Pass	700
1700	1765	1	RMS	1734.667	21.61	60	Pass	601
1765	3000	1	RMS	2411.524	-40.66	-13	Pass	1235
3000	12000	1	RMS	3469.052	-40.35	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40.03	-13	Pass	8000
30- 20- 10- 0-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.8	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.74	-13	Pass	2985
30	1000	0.1	RMS	870.287	-58.54	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.17	-13	Pass	700
1700	1765	1	RMS	1750.375	23.14	60	Pass	601
1765	3000	1	RMS	2410.523	-40.43	-13	Pass	1235
3000	12000	1	RMS	3501.056	-37.98	-13	Pass	9000
12000	20000	1	RMS	15752.469	-40.02	-13	Pass	8000
20-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.61	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.38	-13	Pass	2985
30	1000	0.1	RMS	993.099	-58.55	-13	Pass	9700
1000	1700	1	RMS	1689.986	-49.22	-13	Pass	700
1700	1765	1	RMS	1754.708	22.87	60	Pass	601
1765	3000	1	RMS	2406.519	-45.93	-13	Pass	1235
3000	12000	1	RMS	3509.057	-38.03	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.05	-13	Pass	8000
30- 20- 10-								





1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

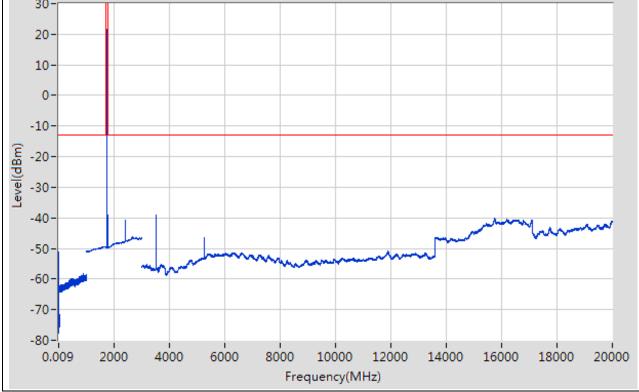
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.27	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.66	-13	Pass	2985
30	1000	0.1	RMS	910.191	-58.44	-13	Pass	9700
1000	1700	1	RMS	1695.994	-49.22	-13	Pass	700
1700	1765	1	RMS	1750.375	22.08	60	Pass	601
1765	3000	1	RMS	2417.528	-46.03	-13	Pass	1235
3000	12000	1	RMS	3501.056	-38.72	-13	Pass	9000
12000	20000	1	RMS	15752.469	-39.96	-13	Pass	8000
30- 20- 10-								





1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

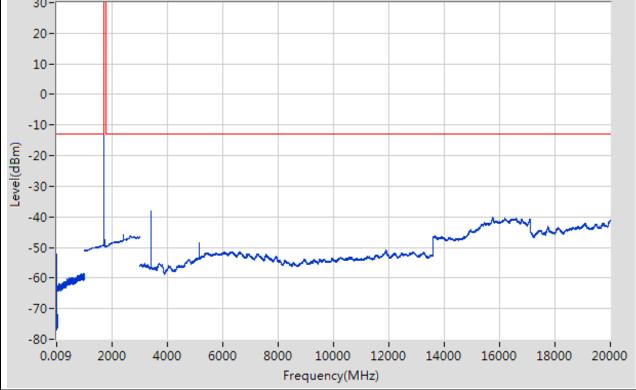
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.8	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.3	-13	Pass	2985
30	1000	0.1	RMS	895.989	-58.18	-13	Pass	9700
1000	1700	1	RMS	1679.971	-49.32	-13	Pass	700
1700	1765	1	RMS	1754.708	21.57	60	Pass	601
1765	3000	1	RMS	2412.524	-40.73	-13	Pass	1235
3000	12000	1	RMS	3509.057	-38.96	-13	Pass	9000
12000	20000	1	RMS	15742.468	-40.21	-13	Pass	8000
30- 20-								





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

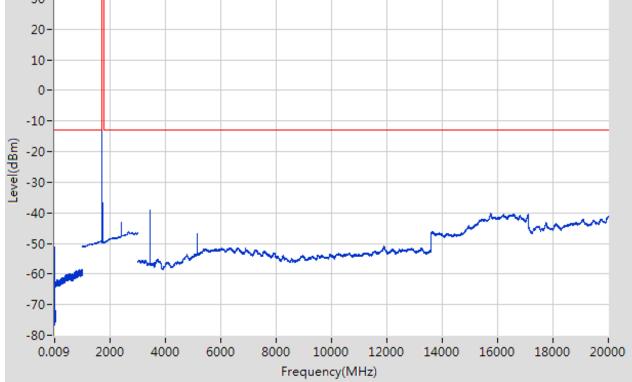
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.38	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.25	-13	Pass	2985
30	1000	0.1	RMS	990.199	-58.55	-13	Pass	9700
1000	1700	1	RMS	1700	-48.9	-13	Pass	700
1700	1765	1	RMS	1710.617	23.15	60	Pass	601
1765	3000	1	RMS	2406.519	-45.83	-13	Pass	1235
3000	12000	1	RMS	3421.047	-38.08	-13	Pass	9000
12000	20000	1	RMS	15746.468	-40.05	-13	Pass	8000
20-								





1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.66	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.25	-13	Pass	2985
30	1000	0.1	RMS	902.49	-58.45	-13	Pass	9700
1000	1700	1	RMS	1695.994	-49.21	-13	Pass	700
1700	1765	1	RMS	1719.392	23.23	60	Pass	601
1765	3000	1	RMS	2414.526	-43.18	-13	Pass	1235
3000	12000	1	RMS	3439.049	-38.98	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.06	-13	Pass	8000
30- 20- 10- 0-								





1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:20000, 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	-53.23	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.2	-13	Pass	2985
30	1000	0.1	RMS	994.199	-58.52	-13	Pass	9700
1000	1700	1	RMS	1700	-49.06	-13	Pass	700
1700	1765	1	RMS	1710.617	21.8	60	Pass	601
1765	3000	1	RMS	2414.526	-42.12	-13	Pass	1235
3000	12000	1	RMS	3421.047	-39.2	-13	Pass	9000
12000	20000	1	RMS	15753.469	-40.15	-13	Pass	8000
30- 20- 10-								





1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20000, 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	-53.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.44	-13	Pass	2985
30	1000	0.1	RMS	877.587	-58.4	-13	Pass	9700
1000	1700	1	RMS	1700	-49.26	-13	Pass	700
1700	1765	1	RMS	1719.392	21.9	60	Pass	601
1765	3000	1	RMS	2677.739	-46.24	-13	Pass	1235
3000	12000	1	RMS	3439.049	-39.93	-13	Pass	9000
12000	20000	1	RMS	15753.469	-40.16	-13	Pass	8000
30- 20- 10- 0-								





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

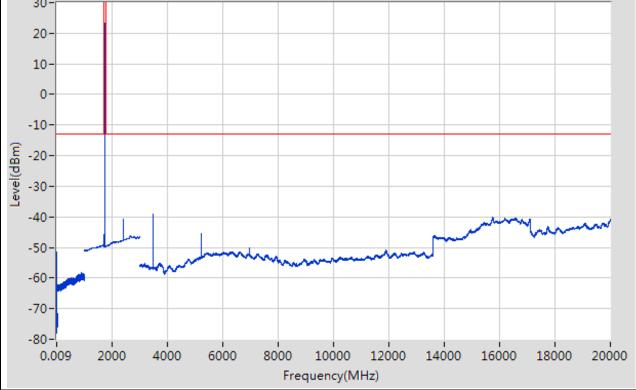
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.08	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.57	-13	Pass	2985
30	1000	0.1	RMS	871.287	-58.5	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.27	-13	Pass	700
1700	1765	1	RMS	1728.058	23.06	60	Pass	601
1765	3000	1	RMS	2414.526	-42.52	-13	Pass	1235
3000	12000	1	RMS	3456.051	-38.97	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.04	-13	Pass	8000
20-								





1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

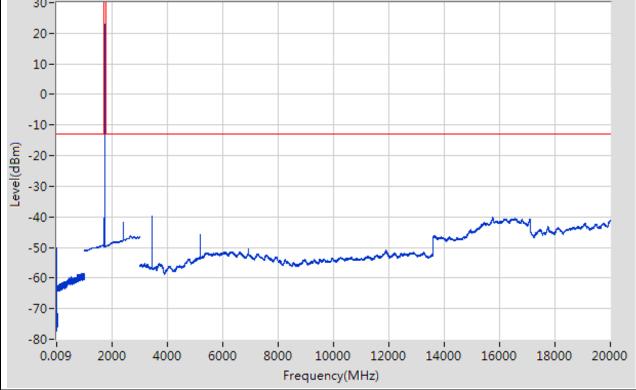
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.72	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.48	-13	Pass	2985
30	1000	0.1	RMS	905.29	-58.16	-13	Pass	9700
1000	1700	1	RMS	1700	-49.25	-13	Pass	700
1700	1765	1	RMS	1736.942	23.15	60	Pass	601
1765	3000	1	RMS	2413.525	-40.69	-13	Pass	1235
3000	12000	1	RMS	3474.053	-39.07	-13	Pass	9000
12000	20000	1	RMS	15752.469	-40.18	-13	Pass	8000
30- 20- 10-								





1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

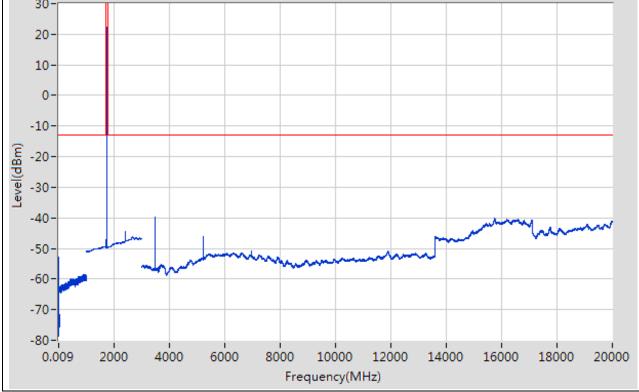
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.45	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.26	-13	Pass	2985
30	1000	0.1	RMS	918.792	-58.4	-13	Pass	9700
1000	1700	1	RMS	1700	-49.27	-13	Pass	700
1700	1765	1	RMS	1728.058	22.91	60	Pass	601
1765	3000	1	RMS	2408.521	-41.89	-13	Pass	1235
3000	12000	1	RMS	3456.051	-39.67	-13	Pass	9000
12000	20000	1	RMS	15753.469	-40.12	-13	Pass	8000
30- 20- 10-								





1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

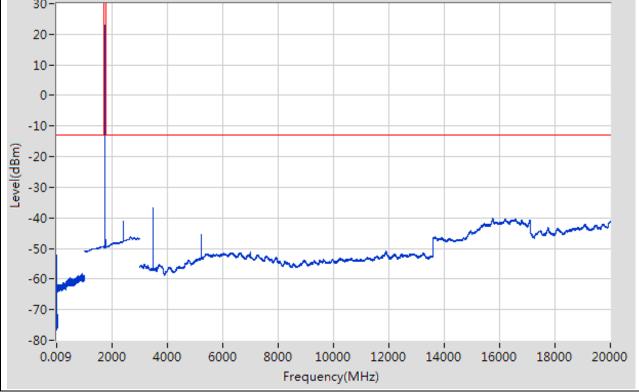
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.16	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.71	-13	Pass	2985
30	1000	0.1	RMS	891.489	-58.45	-13	Pass	9700
1000	1700	1	RMS	1695.994	-49.3	-13	Pass	700
1700	1765	1	RMS	1736.942	22.19	60	Pass	601
1765	3000	1	RMS	2416.528	-44.31	-13	Pass	1235
3000	12000	1	RMS	3474.053	-39.83	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40.02	-13	Pass	8000
30- 20- 10-								





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

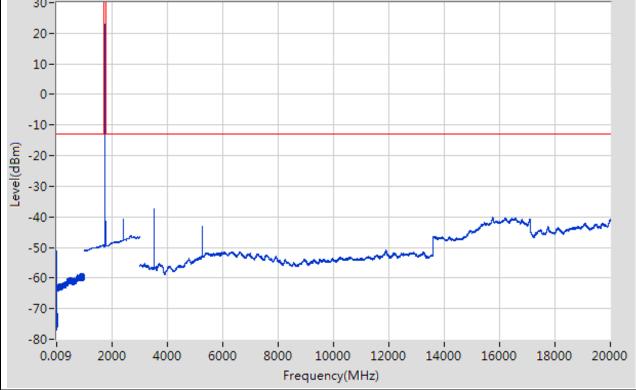
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.25	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.76	-13	Pass	2985
30	1000	0.1	RMS	939.894	-58.31	-13	Pass	9700
1000	1700	1	RMS	1700	-49.25	-13	Pass	700
1700	1765	1	RMS	1745.608	22.99	60	Pass	601
1765	3000	1	RMS	2413.525	-41	-13	Pass	1235
3000	12000	1	RMS	3491.055	-36.73	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.08	-13	Pass	8000
30-								





1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.42	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-13	Pass	2985
30	1000	0.1	RMS	960.996	-58.43	-13	Pass	9700
1000	1700	1	RMS	1666.953	-49.28	-13	Pass	700
1700	1765	1	RMS	1754.383	22.81	60	Pass	601
1765	3000	1	RMS	2412.524	-40.87	-13	Pass	1235
3000	12000	1	RMS	3509.057	-37.58	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40.01	-13	Pass	8000
30- 20- 10-								





1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:20350, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

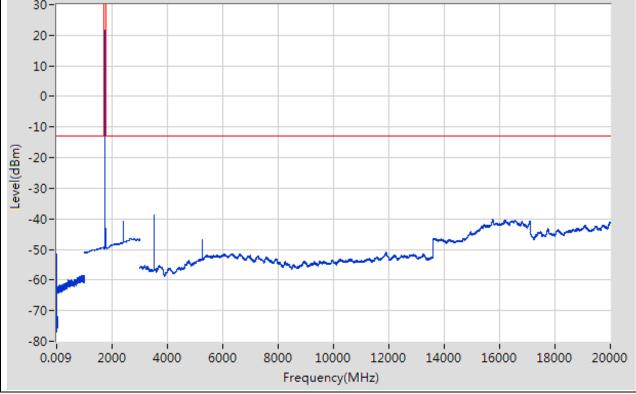
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.5	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.78	-13	Pass	2985
30	1000	0.1	RMS	916.091	-58.51	-13	Pass	9700
1000	1700	1	RMS	1692.99	-49.31	-13	Pass	700
1700	1765	1	RMS	1745.608	21.56	60	Pass	601
1765	3000	1	RMS	2411.524	-41.33	-13	Pass	1235
3000	12000	1	RMS	3491.055	-38.03	-13	Pass	9000
12000	20000	1	RMS	15748.469	-40.15	-13	Pass	8000
30- 20- 10-								





1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:20350, 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	-52.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.41	-13	Pass	2985
30	1000	0.1	RMS	895.189	-58.48	-13	Pass	9700
1000	1700	1	RMS	1694.993	-49.31	-13	Pass	700
1700	1765	1	RMS	1754.383	21.58	60	Pass	601
1765	3000	1	RMS	2410.523	-40.7	-13	Pass	1235
3000	12000	1	RMS	3509.057	-38.83	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.06	-13	Pass	8000
20-								





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

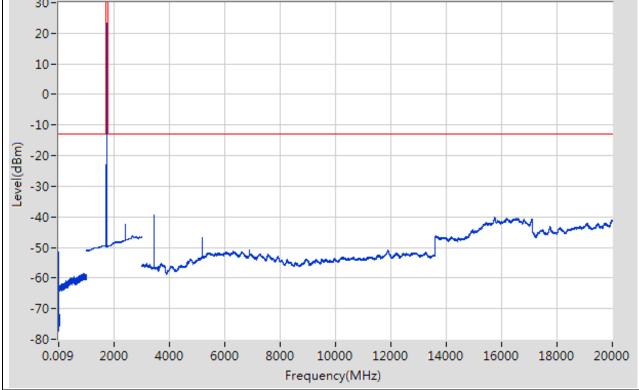
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.13	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.65	-13	Pass	2985
30	1000	0.1	RMS	939.894	-58.42	-13	Pass	9700
1000	1700	1	RMS	1697.997	-43.72	-13	Pass	700
1700	1765	1	RMS	1710.833	23.13	60	Pass	601
1765	3000	1	RMS	2413.525	-41	-13	Pass	1235
3000	12000	1	RMS	3422.047	-38.89	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.09	-13	Pass	8000
30 - 20 - 10 -								





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

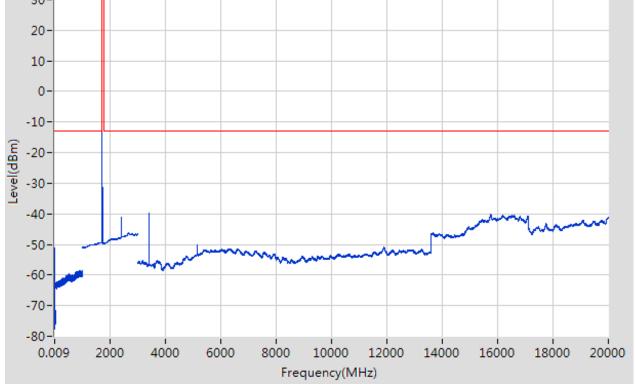
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.52	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.54	-13	Pass	2985
30	1000	0.1	RMS	938.294	-58.52	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.73	-13	Pass	700
1700	1765	1	RMS	1724.158	23.16	60	Pass	601
1765	3000	1	RMS	2408.521	-42.32	-13	Pass	1235
3000	12000	1	RMS	3448.05	-39.29	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.06	-13	Pass	8000
30- 20- 10-								





1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:20025, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

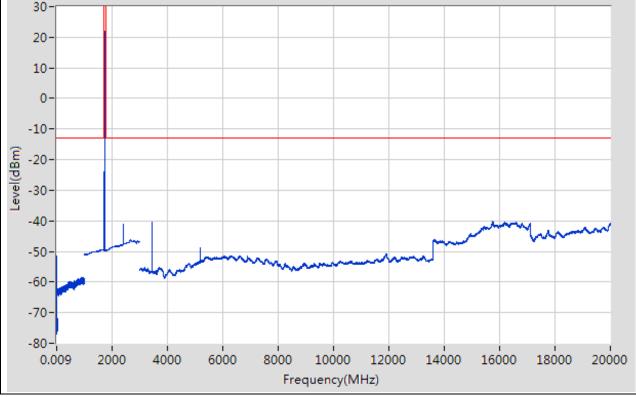
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.43	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.11	-13	Pass	2985
30	1000	0.1	RMS	908.891	-58.38	-13	Pass	9700
1000	1700	1	RMS	1697.997	-45.18	-13	Pass	700
1700	1765	1	RMS	1710.833	21.98	60	Pass	601
1765	3000	1	RMS	2413.525	-41.02	-13	Pass	1235
3000	12000	1	RMS	3422.047	-39.77	-13	Pass	9000
12000	20000	1	RMS	15748.469	-40.07	-13	Pass	8000
30- 20- 10- 0-								





1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:20025, 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	-53.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.33	-13	Pass	2985
30	1000	0.1	RMS	938.494	-58.54	-13	Pass	9700
1000	1700	1	RMS	1697.997	-47	-13	Pass	700
1700	1765	1	RMS	1724.158	21.96	60	Pass	601
1765	3000	1	RMS	2412.524	-41.15	-13	Pass	1235
3000	12000	1	RMS	3448.05	-40.39	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.11	-13	Pass	8000
20-								





1.53. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

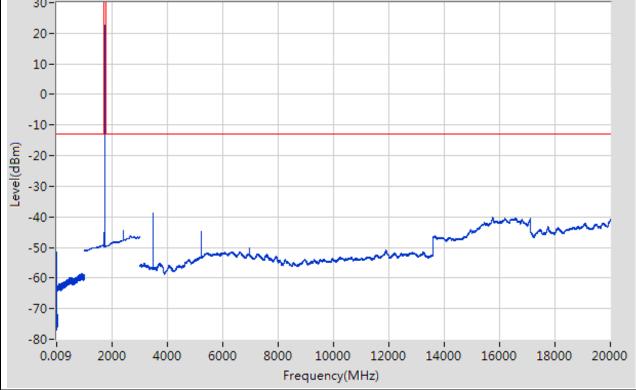
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.65	-13	Pass	2985
30	1000	0.1	RMS	927.893	-58.49	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.19	-13	Pass	700
1700	1765	1	RMS	1725.892	23.06	60	Pass	601
1765	3000	1	RMS	2680.741	-46.27	-13	Pass	1235
3000	12000	1	RMS	3452.05	-40.02	-13	Pass	9000
12000	20000	1	RMS	15748.469	-40.06	-13	Pass	8000
30- 20- 10- 0-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.63	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.43	-13	Pass	2985
30	1000	0.1	RMS	914.491	-58.6	-13	Pass	9700
1000	1700	1	RMS	1695.994	-49.29	-13	Pass	700
1700	1765	1	RMS	1739.217	22.76	60	Pass	601
1765	3000	1	RMS	2407.52	-44.45	-13	Pass	1235
3000	12000	1	RMS	3478.053	-38.74	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.1	-13	Pass	8000
30- 20- 10-								





1.55. LTE Transmitter Spurious Emissions(NTNV)(Subtest:55, Channel:20175, 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	-54.05	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.71	-13	Pass	2985
30	1000	0.1	RMS	920.692	-58.52	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.19	-13	Pass	700
1700	1765	1	RMS	1725.783	22.99	60	Pass	601
1765	3000	1	RMS	2412.524	-41.4	-13	Pass	1235
3000	12000	1	RMS	3452.05	-40.42	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40	-13	Pass	8000
20-								





1.56. LTE Transmitter Spurious Emissions(NTNV)(Subtest:56, Channel:20175, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

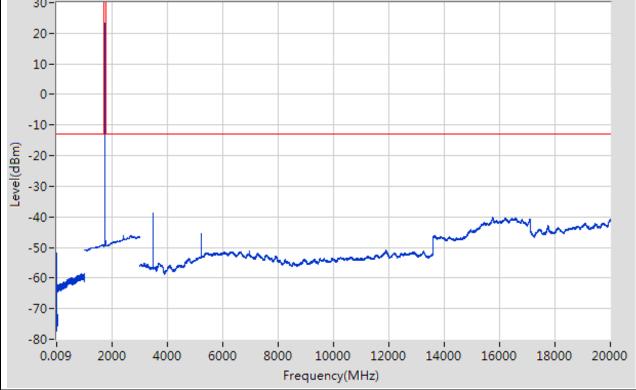
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.07	-13	Pass	2985
30	1000	0.1	RMS	994.999	-58.47	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.33	-13	Pass	700
1700	1765	1	RMS	1739.108	21.97	60	Pass	601
1765	3000	1	RMS	2414.526	-41.68	-13	Pass	1235
3000	12000	1	RMS	3478.053	-40.07	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40	-13	Pass	8000
30 - 20 - 10 -								





1.57. LTE Transmitter Spurious Emissions(NTNV)(Subtest:57, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.91	-13	Pass	2985
30	1000	0.1	RMS	887.388	-58.43	-13	Pass	9700
1000	1700	1	RMS	1695.994	-49.21	-13	Pass	700
1700	1765	1	RMS	1740.842	23.2	60	Pass	601
1765	3000	1	RMS	2406.519	-46.03	-13	Pass	1235
3000	12000	1	RMS	3482.054	-38.61	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40.02	-13	Pass	8000
30- 20- 10- 0-								





1.58. LTE Transmitter Spurious Emissions(NTNV)(Subtest:58, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

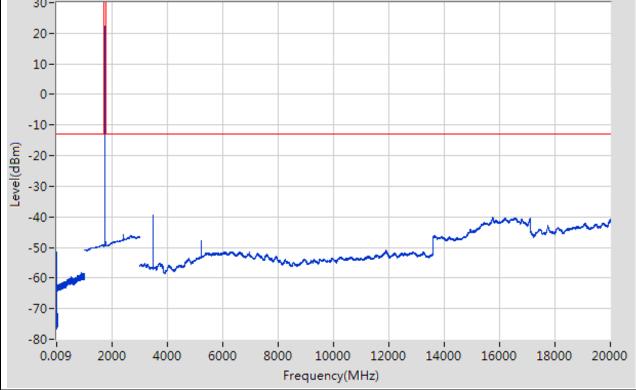
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.87	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.21	-13	Pass	2985
30	1000	0.1	RMS	904.39	-58.55	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.22	-13	Pass	700
1700	1765	1	RMS	1754.167	23.05	60	Pass	601
1765	3000	1	RMS	2407.52	-43.45	-13	Pass	1235
3000	12000	1	RMS	3508.056	-38.27	-13	Pass	9000
12000	20000	1	RMS	15747.468	-40.03	-13	Pass	8000
30 - 20 - 10 -								





1.59. LTE Transmitter Spurious Emissions(NTNV)(Subtest:59, Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

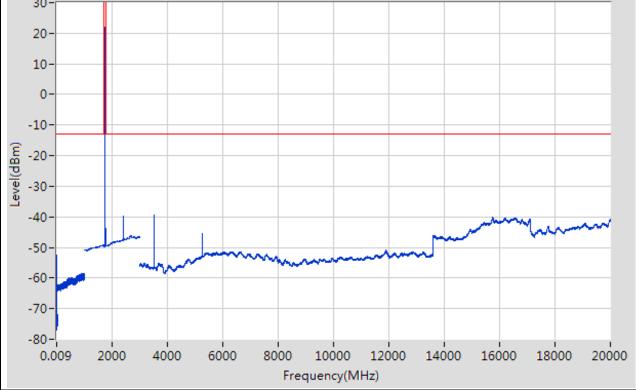
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.39	-13	Pass	2985
30	1000	0.1	RMS	907.39	-58.37	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.24	-13	Pass	700
1700	1765	1	RMS	1740.842	22.25	60	Pass	601
1765	3000	1	RMS	2417.528	-45.8	-13	Pass	1235
3000	12000	1	RMS	3482.054	-39.29	-13	Pass	9000
12000	20000	1	RMS	15753.469	-40	-13	Pass	8000
30- 20- 10-								





1.60. LTE Transmitter Spurious Emissions(NTNV)(Subtest:60, Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

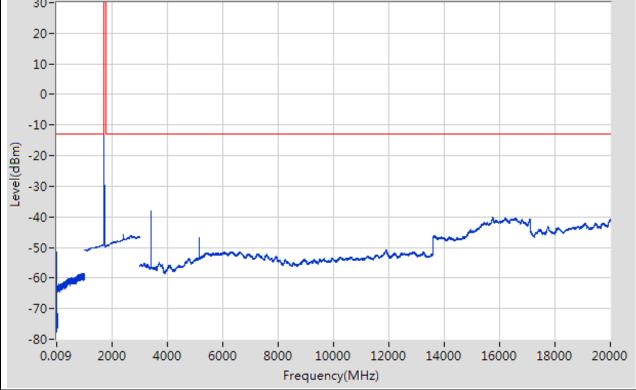
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.73	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.42	-13	Pass	2985
30	1000	0.1	RMS	919.192	-58.53	-13	Pass	9700
1000	1700	1	RMS	1689.986	-49.24	-13	Pass	700
1700	1765	1	RMS	1754.167	21.87	60	Pass	601
1765	3000	1	RMS	2410.523	-39.87	-13	Pass	1235
3000	12000	1	RMS	3508.056	-39.43	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.13	-13	Pass	8000
30- 20- 10-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.42	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.53	-13	Pass	2985
30	1000	0.1	RMS	991.499	-58.6	-13	Pass	9700
1000	1700	1	RMS	1692.99	-42.65	-13	Pass	700
1700	1765	1	RMS	1711.05	23.87	60	Pass	601
1765	3000	1	RMS	2406.519	-45.71	-13	Pass	1235
3000	12000	1	RMS	3422.047	-38.2	-13	Pass	9000
12000	20000	1	RMS	15745.468	-39.98	-13	Pass	8000
30- 20- 10-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.01	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.89	-13	Pass	2985
30	1000	0.1	RMS	881.288	-58.29	-13	Pass	9700
1000	1700	1	RMS	1692.99	-43.42	-13	Pass	700
1700	1765	1	RMS	1728.925	23.33	60	Pass	601
1765	3000	1	RMS	2416.528	-43.79	-13	Pass	1235
3000	12000	1	RMS	3458.051	-38.8	-13	Pass	9000
12000	20000	1	RMS	15750.469	-40.05	-13	Pass	8000
20-								





1.63. LTE Transmitter Spurious Emissions(NTNV)(Subtest:63, Channel:20050, 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	-53.38	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.31	-13	Pass	2985
30	1000	0.1	RMS	840.284	-58.65	-13	Pass	9700
1000	1700	1	RMS	1692.99	-45.58	-13	Pass	700
1700	1765	1	RMS	1711.05	22.31	60	Pass	601
1765	3000	1	RMS	2406.519	-45.74	-13	Pass	1235
3000	12000	1	RMS	3422.047	-39.16	-13	Pass	9000
12000	20000	1	RMS	15749.469	-39.97	-13	Pass	8000
30- 20- 10- 0-								





1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

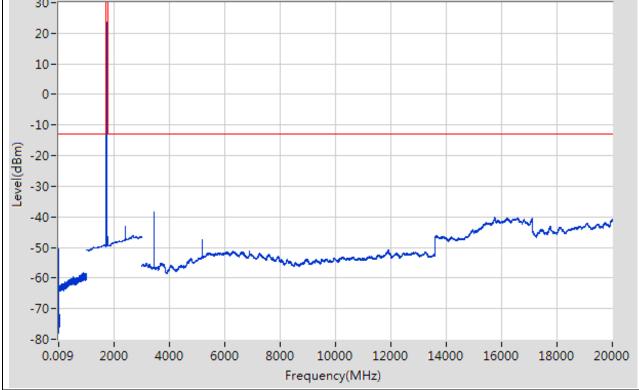
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.26	-13	Pass	2985
30	1000	0.1	RMS	979.298	-58.47	-13	Pass	9700
1000	1700	1	RMS	1692.99	-45.79	-13	Pass	700
1700	1765	1	RMS	1728.925	22.23	60	Pass	601
1765	3000	1	RMS	2410.523	-40.02	-13	Pass	1235
3000	12000	1	RMS	3458.051	-40.18	-13	Pass	9000
12000	20000	1	RMS	15755.469	-40.1	-13	Pass	8000
30 - 20 - 10 -								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.53	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.35	-13	Pass	2985
30	1000	0.1	RMS	874.587	-58.28	-13	Pass	9700
1000	1700	1	RMS	1687.983	-49.11	-13	Pass	700
1700	1765	1	RMS	1723.617	23.73	60	Pass	601
1765	3000	1	RMS	2415.527	-43.25	-13	Pass	1235
3000	12000	1	RMS	3447.05	-38.57	-13	Pass	9000
12000	20000	1	RMS	15749.469	-40.13	-13	Pass	8000
30- 20- 10-								





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

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.86	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.8	-13	Pass	2985
30	1000	0.1	RMS	890.989	-58.43	-13	Pass	9700
1000	1700	1	RMS	1696.996	-49.14	-13	Pass	700
1700	1765	1	RMS	1741.383	23.25	60	Pass	601
1765	3000	1	RMS	2412.524	-40.56	-13	Pass	1235
3000	12000	1	RMS	3483.054	-37.85	-13	Pass	9000
12000	20000	1	RMS	15751.469	-39.98	-13	Pass	8000
20-								





1.67. LTE Transmitter Spurious Emissions(NTNV)(Subtest:67, Channel:20175, 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	-54.02	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.89	-13	Pass	2985
30	1000	0.1	RMS	925.492	-58.46	-13	Pass	9700
1000	1700	1	RMS	1698.999	-49.16	-13	Pass	700
1700	1765	1	RMS	1723.617	22.63	60	Pass	601
1765	3000	1	RMS	2412.524	-41.02	-13	Pass	1235
3000	12000	1	RMS	3447.05	-39.41	-13	Pass	9000
12000	20000	1	RMS	15751.469	-40.01	-13	Pass	8000
30- 20- 10-								





1.68. LTE Transmitter Spurious Emissions(NTNV)(Subtest:68, Channel:20175, 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	-52.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.46	-13	Pass	2985
30	1000	0.1	RMS	899.99	-58.56	-13	Pass	9700
1000	1700	1	RMS	1697.997	-49.17	-13	Pass	700
1700	1765	1	RMS	1741.383	22.22	60	Pass	601
1765	3000	1	RMS	2412.524	-40.34	-13	Pass	1235
3000	12000	1	RMS	3483.054	-38.97	-13	Pass	9000
12000	20000	1	RMS	15745.468	-40.02	-13	Pass	8000
20-								





1.69. LTE Transmitter Spurious Emissions(NTNV)(Subtest:69, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

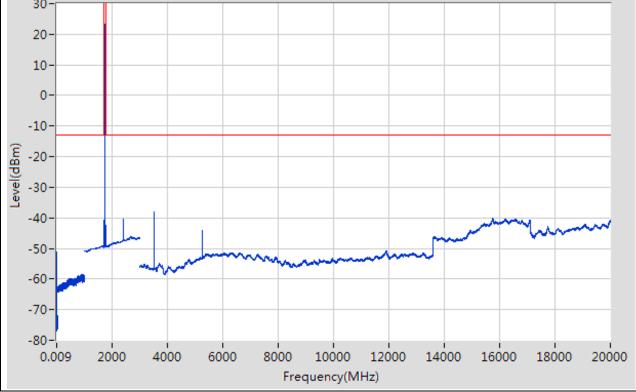
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.11	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.02	-13	Pass	2985
30	1000	0.1	RMS	951.895	-58.47	-13	Pass	9700
1000	1700	1	RMS	1700	-49.13	-13	Pass	700
1700	1765	1	RMS	1735.967	23.4	60	Pass	601
1765	3000	1	RMS	2410.523	-39.93	-13	Pass	1235
3000	12000	1	RMS	3472.052	-39.13	-13	Pass	9000
12000	20000	1	RMS	15753.469	-39.94	-13	Pass	8000
20-								





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

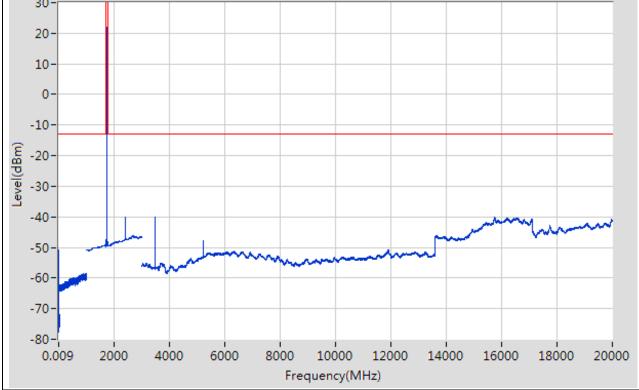
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.07	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.19	-13	Pass	2985
30	1000	0.1	RMS	873.887	-58.51	-13	Pass	9700
1000	1700	1	RMS	1700	-49.18	-13	Pass	700
1700	1765	1	RMS	1753.95	23.19	60	Pass	601
1765	3000	1	RMS	2412.524	-40.43	-13	Pass	1235
3000	12000	1	RMS	3508.056	-37.99	-13	Pass	9000
12000	20000	1	RMS	15748.469	-40.05	-13	Pass	8000
20-								





1.71. LTE Transmitter Spurious Emissions(NTNV)(Subtest:71, Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

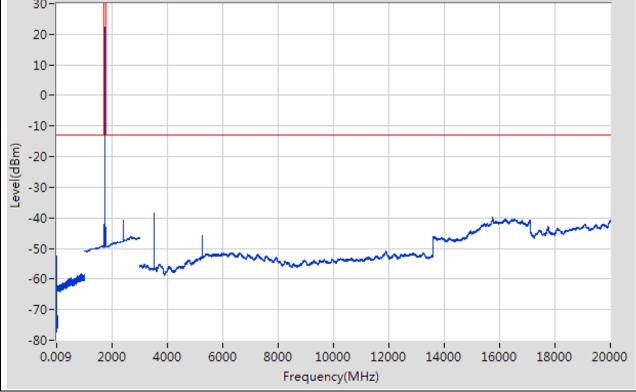
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.96	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.8	-13	Pass	2985
30	1000	0.1	RMS	992.699	-58.45	-13	Pass	9700
1000	1700	1	RMS	1700	-49.15	-13	Pass	700
1700	1765	1	RMS	1736.075	22.12	60	Pass	601
1765	3000	1	RMS	2410.523	-39.95	-13	Pass	1235
3000	12000	1	RMS	3472.052	-40.06	-13	Pass	9000
12000	20000	1	RMS	15752.469	-40.08	-13	Pass	8000
30- 20- 10-								





1.72. LTE Transmitter Spurious Emissions(NTNV)(Subtest:72, Channel:20300, 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	0.01	-53.64	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.5	-13	Pass	2985
30	1000	0.1	RMS	892.289	-58.3	-13	Pass	9700
1000	1700	1	RMS	1694.993	-49.21	-13	Pass	700
1700	1765	1	RMS	1753.95	22.32	60	Pass	601
1765	3000	1	RMS	2409.522	-40.64	-13	Pass	1235
3000	12000	1	RMS	3508.056	-38.52	-13	Pass	9000
12000	20000	1	RMS	15750.469	-39.89	-13	Pass	8000
20-								





END