

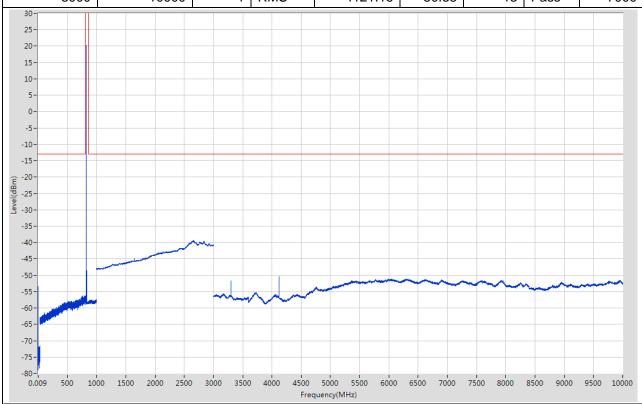
Annex C. LTE Transmitter Spurious Emissions



1. LTE_Band5

1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

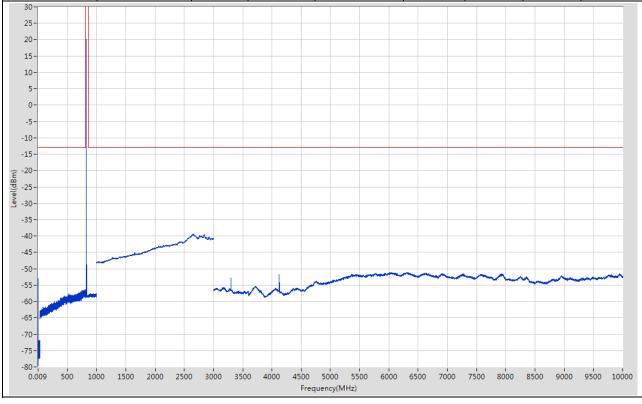
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.92	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.46	-13	Pass	2985
30	814	0.1	RMS	794.297	-56.24	-13	Pass	7840
814	860	0.1	RMS	824.273	20.2	60	Pass	601
860	1000	0.1	RMS	997.498	-57.42	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.39	-13	Pass	2000
3000	10000	1	RMS	4121.16	-50.38	-13	Pass	7000





1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

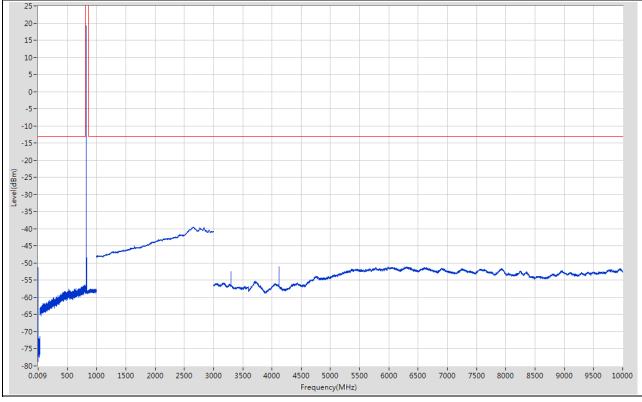
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.16	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.09	-13	Pass	2985
30	814	0.1	RMS	801.198	-56.38	-13	Pass	7840
814	860	0.1	RMS	825.117	20.02	60	Pass	601
860	1000	0.1	RMS	904.432	-57.54	-13	Pass	1400
1000	3000	1	RMS	2652.826	-39.41	-13	Pass	2000
3000	10000	1	RMS	6317.474	-51.13	-13	Pass	7000
30 -								





1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

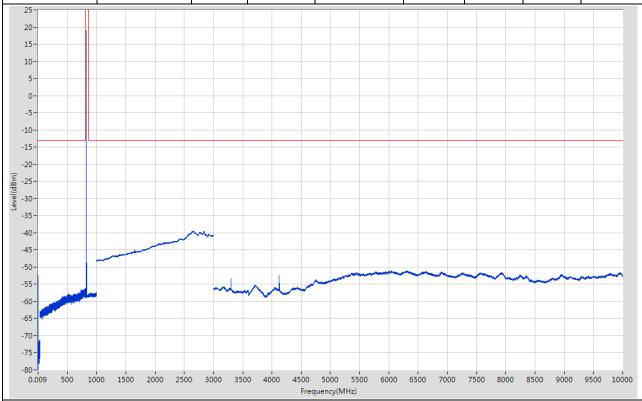
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.33	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.38	-13	Pass	2985
30	814	0.1	RMS	797.398	-56.4	-13	Pass	7840
814	860	0.1	RMS	824.273	19.15	60	Pass	601
860	1000	0.1	RMS	893.024	-57.53	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.48	-13	Pass	2000
3000	10000	1	RMS	6312.473	-51.09	-13	Pass	7000





1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

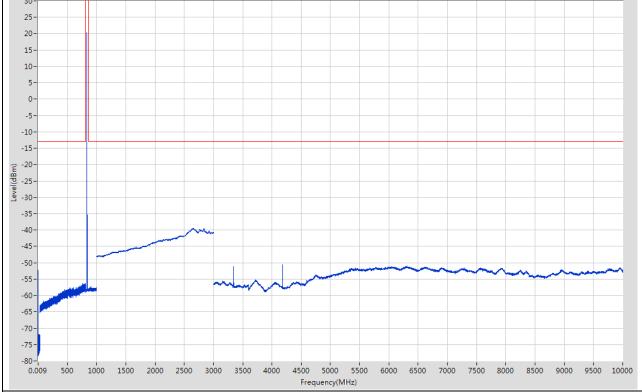
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.68	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.4	-13	Pass	2985
30	814	0.1	RMS	812.7	-56.23	-13	Pass	7840
814	860	0.1	RMS	825.117	19.02	60	Pass	601
860	1000	0.1	RMS	992.194	-57.41	-13	Pass	1400
1000	3000	1	RMS	2630.815	-39.48	-13	Pass	2000
3000	10000	1	RMS	6305.472	-51.09	-13	Pass	7000





1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

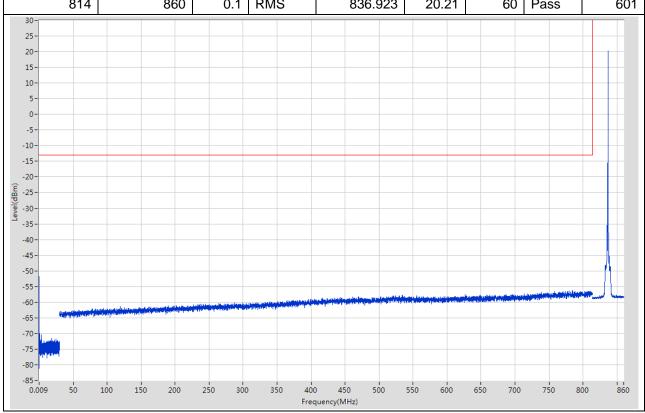
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.13	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.28	-13	Pass	2985
30	814	0.1	RMS	756.893	-56.25	-13	Pass	7840
814	860	0.1	RMS	836.08	20.26	60	Pass	601
860	1000	0.1	RMS	908.034	-57.31	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.37	-13	Pass	2000
3000	10000	1	RMS	4180.169	-50.67	-13	Pass	7000
30- 25- 20- 15- 10- 5-								





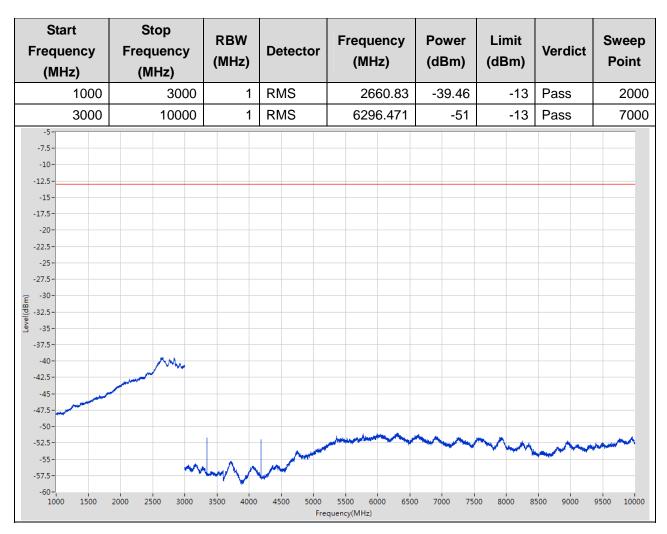
1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	0.011	-53.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.81	-13	Pass	2985
30	814	0.1	RMS	784.596	-56.17	-13	Pass	7840
814	860	0.1	RMS	836.923	20.21	60	Pass	601





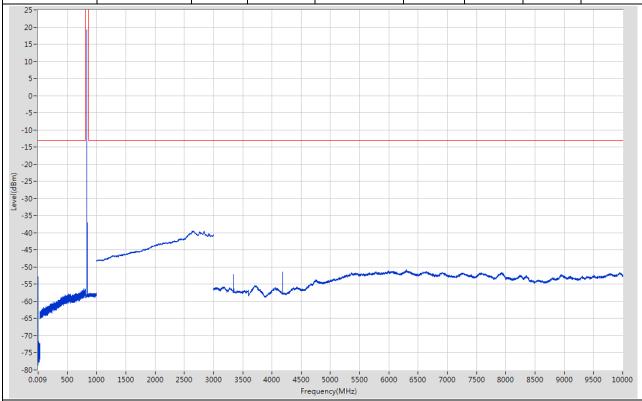
1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)





1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

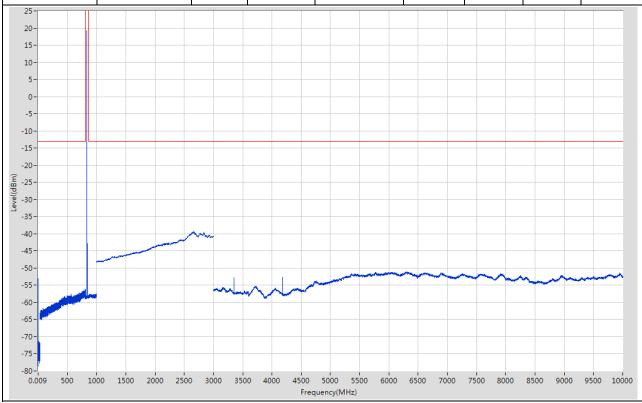
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.69	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.81	-13	Pass	2985
30	814	0.1	RMS	797.698	-56.29	-13	Pass	7840
814	860	0.1	RMS	836.08	19.19	60	Pass	601
860	1000	0.1	RMS	997.298	-57.55	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.47	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.73	-13	Pass	7000





1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

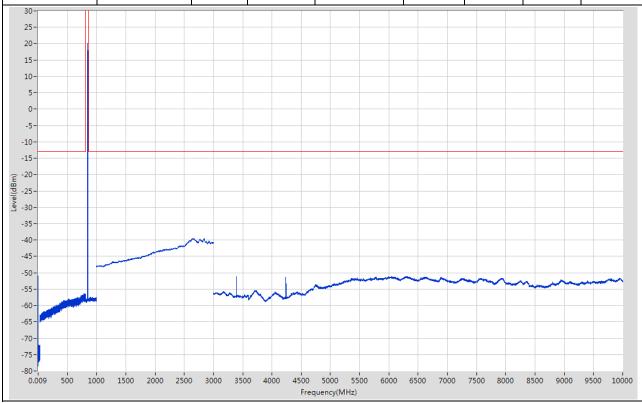
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.65	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.03	-13	Pass	2985
30	814	0.1	RMS	805.699	-56.18	-13	Pass	7840
814	860	0.1	RMS	836.923	19.19	60	Pass	601
860	1000	0.1	RMS	886.419	-57.59	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.42	-13	Pass	2000
3000	10000	1	RMS	6294.471	-51.11	-13	Pass	7000





1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

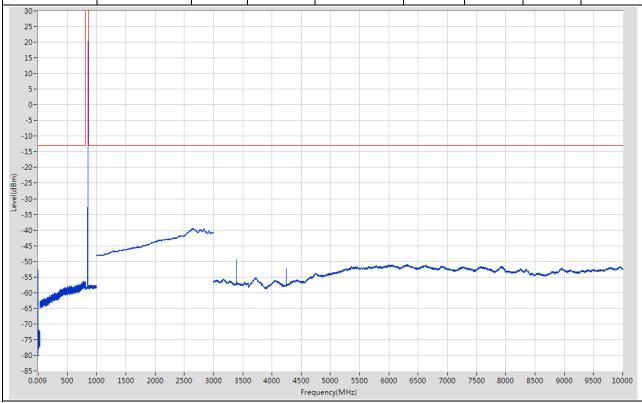
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.32	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.08	-13	Pass	2985
30	814	0.1	RMS	781.996	-56.33	-13	Pass	7840
814	860	0.1	RMS	847.887	20.07	60	Pass	601
860	1000	0.1	RMS	894.825	-57.44	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.51	-13	Pass	2000
3000	10000	1	RMS	6310.473	-51.11	-13	Pass	7000
30-								





1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

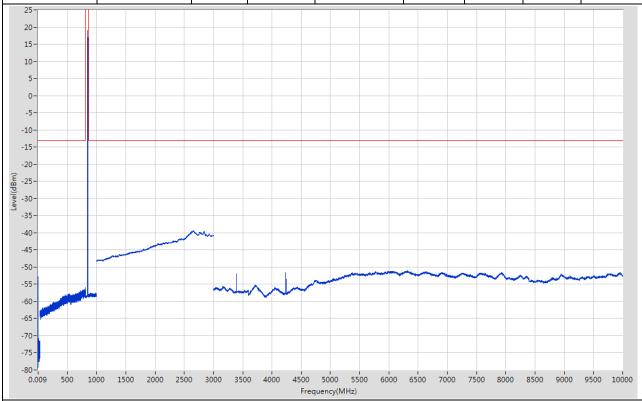
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.75	-13	Pass	2985
30	814	0.1	RMS	808.799	-56.33	-13	Pass	7840
814	860	0.1	RMS	848.73	20.27	60	Pass	601
860	1000	0.1	RMS	901.229	-57.49	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.42	-13	Pass	2000
3000	10000	1	RMS	3395.056	-49.55	-13	Pass	7000
30-								





1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

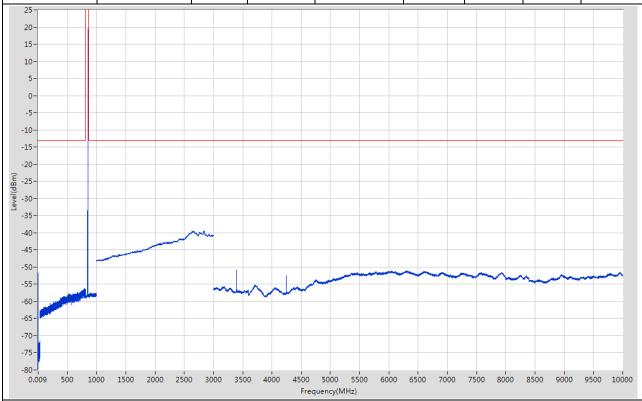
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.38	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.8	-13	Pass	2985
30	814	0.1	RMS	812.2	-55.98	-13	Pass	7840
814	860	0.1	RMS	847.887	19.11	60	Pass	601
860	1000	0.1	RMS	905.032	-57.54	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.39	-13	Pass	2000
3000	10000	1	RMS	6308.473	-51.1	-13	Pass	7000





1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

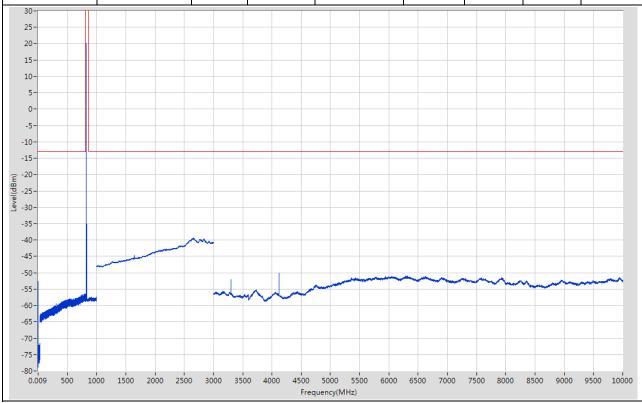
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.96	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.8	-13	Pass	2985
30	814	0.1	RMS	797.198	-56.09	-13	Pass	7840
814	860	0.1	RMS	848.73	19.44	60	Pass	601
860	1000	0.1	RMS	898.828	-57.53	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.45	-13	Pass	2000
3000	10000	1	RMS	3395.056	-50.82	-13	Pass	7000





1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

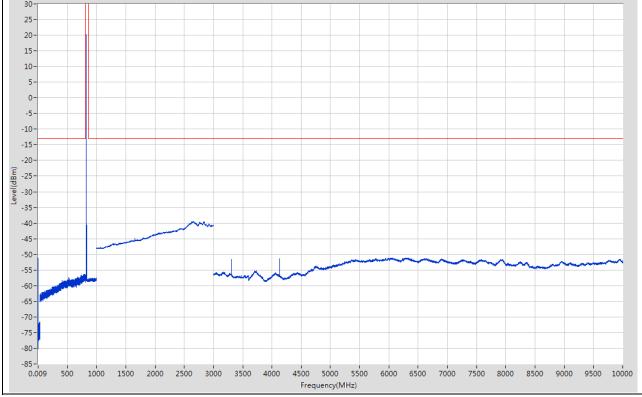
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.73	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.6	-13	Pass	2985
30	814	0.1	RMS	792.397	-56.47	-13	Pass	7840
814	860	0.1	RMS	824.273	20.08	60	Pass	601
860	1000	0.1	RMS	998.199	-57.39	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.4	-13	Pass	2000
3000	10000	1	RMS	4121.16	-49.99	-13	Pass	7000
30-								





1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

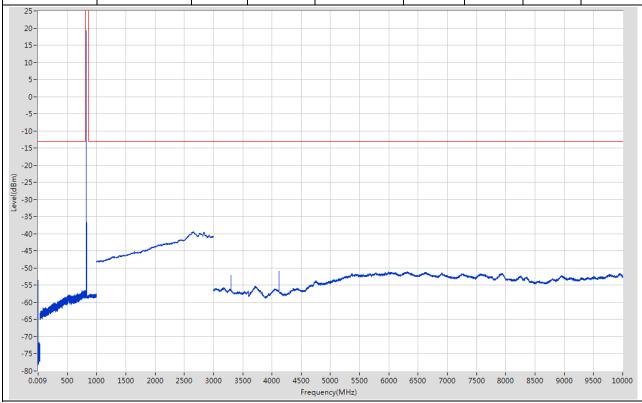
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point	
0.009	0.15	0.001	RMS	0.009	-52.2	-13	Pass	601	
0.15	30	0.01	RMS	0.15	-51.15	-13	Pass	2985	
30	814	0.1	RMS	794.598	-56.31	-13	Pass	7840	
814	860	0.1	RMS	826.727	20.13	60	Pass	601	
860	1000	0.1	RMS	998.599	-57.56	-13	Pass	1400	
1000	3000	1	RMS	2659.83	-39.43	-13	Pass	2000	
3000	10000	1	RMS	6305.472	-51.12	-13	Pass	7000	
30-	30-								





1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

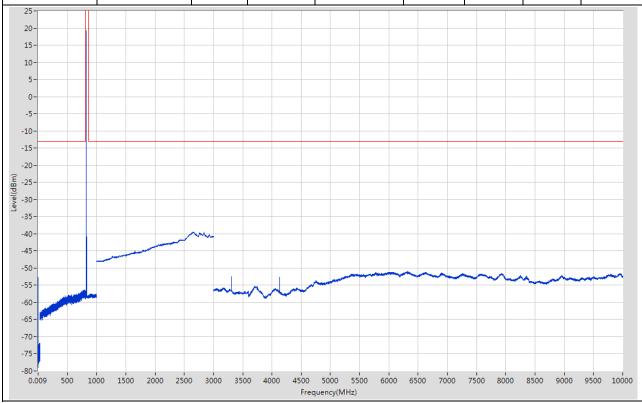
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.47	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.56	-13	Pass	2985
30	814	0.1	RMS	812	-56.51	-13	Pass	7840
814	860	0.1	RMS	824.273	19.25	60	Pass	601
860	1000	0.1	RMS	990.393	-57.51	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.37	-13	Pass	2000
3000	10000	1	RMS	4121.16	-50.83	-13	Pass	7000





1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

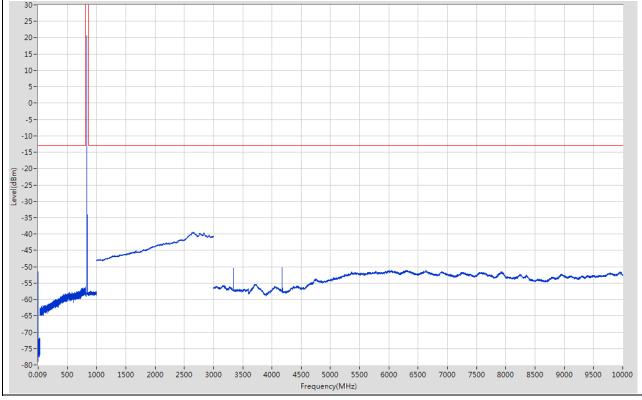
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.93	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.66	-13	Pass	2985
30	814	0.1	RMS	794.197	-56.4	-13	Pass	7840
814	860	0.1	RMS	826.727	19.18	60	Pass	601
860	1000	0.1	RMS	895.726	-57.51	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.44	-13	Pass	2000
3000	10000	1	RMS	6320.474	-50.88	-13	Pass	7000





1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

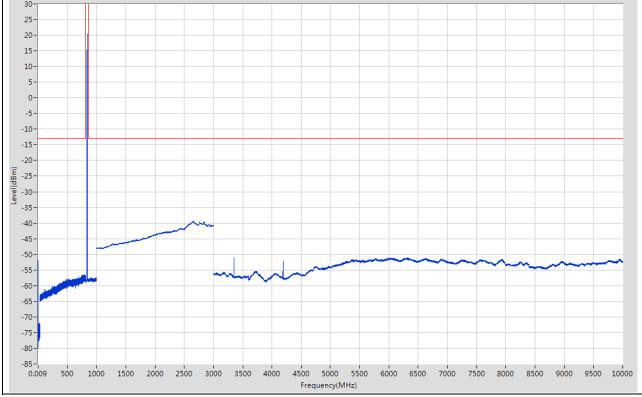
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.1	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.49	-13	Pass	2985
30	814	0.1	RMS	808.699	-56.1	-13	Pass	7840
814	860	0.1	RMS	835.237	20.59	60	Pass	601
860	1000	0.1	RMS	898.928	-57.48	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.37	-13	Pass	2000
3000	10000	1	RMS	4176.168	-50.22	-13	Pass	7000
30-								





1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

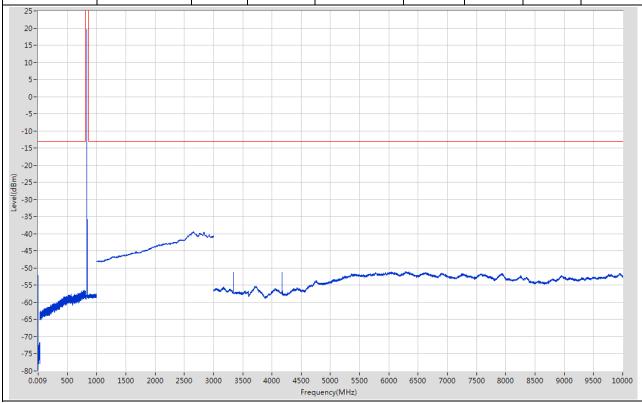
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.46	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.94	-13	Pass	2985
30	814	0.1	RMS	805.599	-56.53	-13	Pass	7840
814	860	0.1	RMS	837.767	20.46	60	Pass	601
860	1000	0.1	RMS	899.628	-57.39	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.39	-13	Pass	2000
3000	10000	1	RMS	5989.427	-51.07	-13	Pass	7000
30-								





1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.86	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.11	-13	Pass	2985
30	814	0.1	RMS	792.397	-56.54	-13	Pass	7840
814	860	0.1	RMS	835.237	19.58	60	Pass	601
860	1000	0.1	RMS	885.418	-57.52	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.41	-13	Pass	2000
3000	10000	1	RMS	6290.47	-51.06	-13	Pass	7000





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

400

600

800

1000

1200

1400

Frequency(MHz)

1600

1800

2000

2200

200

1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Frequency (MHz)	Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.17	-13	Pass	60
0.15	30	0.01	RMS	0.15	-52.22	-13	Pass	298
30	814	0.1	RMS	794.297	-56.38	-13	Pass	784
814	860	0.1	RMS	837.767	19.52	60	Pass	60
860	1000	0.1	RMS	901.33	-57.39	-13	Pass	140
1000	3000	1	RMS	2660.83	-39.48	-13	Pass	200
20- 15- 10- 5- 0- -5- -10- -15- -20- -25- -30- -35-								

2400

2600

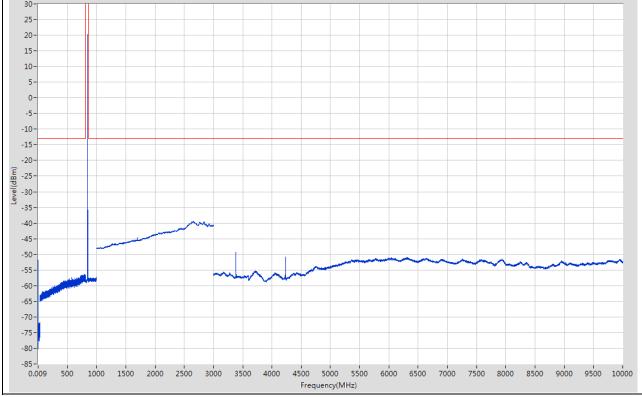
2800

3000



1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

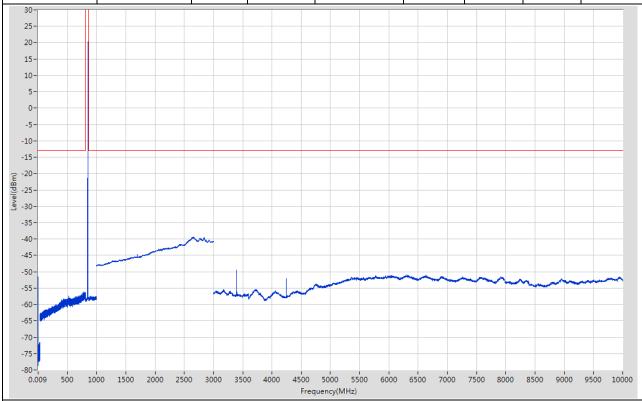
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.57	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.86	-13	Pass	2985
30	814	0.1	RMS	796.198	-56.35	-13	Pass	7840
814	860	0.1	RMS	846.277	20.18	60	Pass	601
860	1000	0.1	RMS	994.496	-57.45	-13	Pass	1400
1000	3000	1	RMS	2654.827	-39.45	-13	Pass	2000
3000	10000	1	RMS	3385.055	-49.38	-13	Pass	7000
30-								





1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

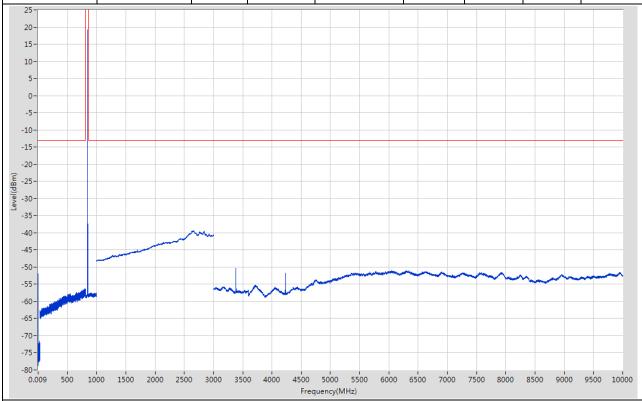
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.92	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.57	-13	Pass	2985
30	814	0.1	RMS	776.795	-56.14	-13	Pass	7840
814	860	0.1	RMS	848.73	20.21	60	Pass	601
860	1000	0.1	RMS	906.733	-57.45	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.4	-13	Pass	2000
3000	10000	1	RMS	3395.056	-49.59	-13	Pass	7000
30-								





1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

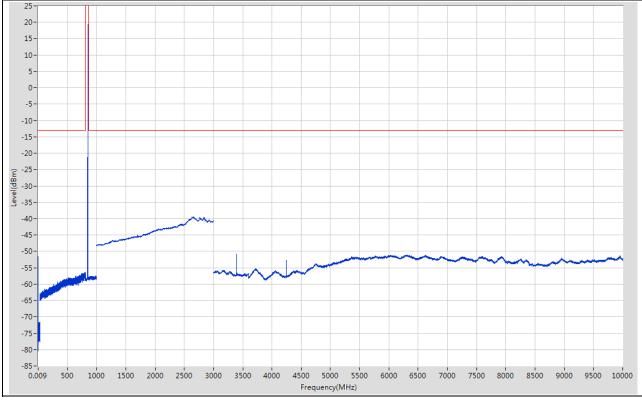
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.03	-13	Pass	2985
30	814	0.1	RMS	793.797	-56.25	-13	Pass	7840
814	860	0.1	RMS	846.277	19.27	60	Pass	601
860	1000	0.1	RMS	894.124	-57.56	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.38	-13	Pass	2000
3000	10000	1	RMS	3385.055	-50.36	-13	Pass	7000





1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

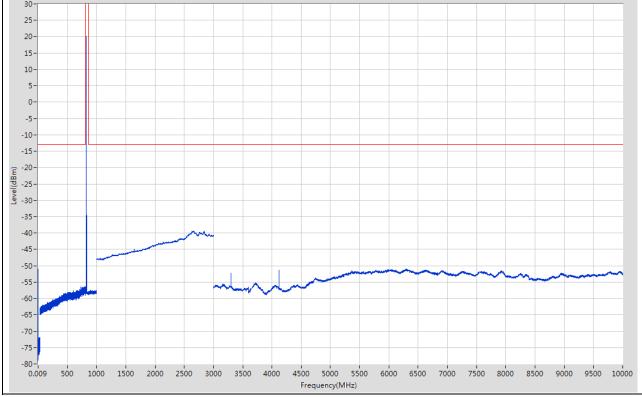
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.6	-13	Pass	601
0.15	30	0.01	RMS	0.16	-51.64	-13	Pass	2985
30	814	0.1	RMS	797.098	-56.37	-13	Pass	7840
814	860	0.1	RMS	848.73	19.31	60	Pass	601
860	1000	0.1	RMS	973.281	-57.52	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.44	-13	Pass	2000
3000	10000	1	RMS	3395.056	-50.93	-13	Pass	7000
25- 20- 15- 10-								





1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

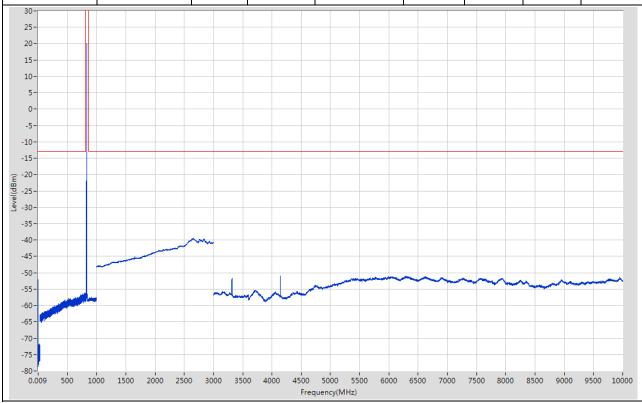
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.06	-13	Pass	2985
30	814	0.1	RMS	797.298	-56.28	-13	Pass	7840
814	860	0.1	RMS	824.35	20.15	60	Pass	601
860	1000	0.1	RMS	894.625	-57.45	-13	Pass	1400
1000	3000	1	RMS	2656.828	-39.43	-13	Pass	2000
3000	10000	1	RMS	6290.47	-51.05	-13	Pass	7000
30 - 25 - 20 -								





1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

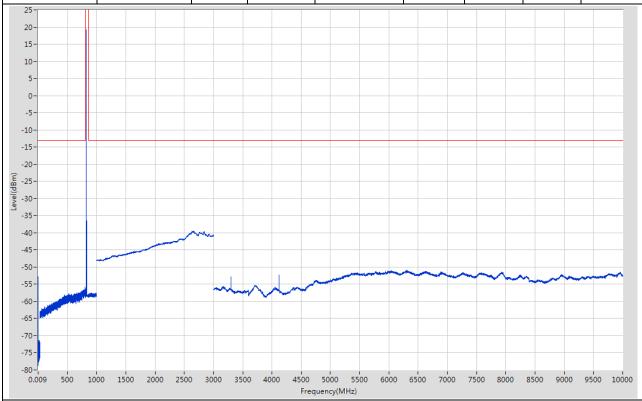
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.01	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.48	-13	Pass	2985
30	814	0.1	RMS	802.198	-56.13	-13	Pass	7840
814	860	0.1	RMS	828.643	20.15	60	Pass	601
860	1000	0.1	RMS	910.536	-57.5	-13	Pass	1400
1000	3000	1	RMS	2662.831	-39.48	-13	Pass	2000
3000	10000	1	RMS	4143.163	-50.98	-13	Pass	7000





1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

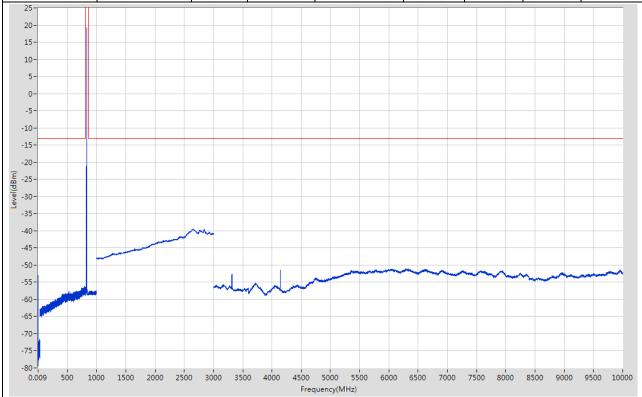
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.55	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.89	-13	Pass	2985
30	814	0.1	RMS	802.299	-55.83	-13	Pass	7840
814	860	0.1	RMS	824.35	19.26	60	Pass	601
860	1000	0.1	RMS	919.442	-57.57	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.44	-13	Pass	2000
3000	10000	1	RMS	6302.472	-50.89	-13	Pass	7000





1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

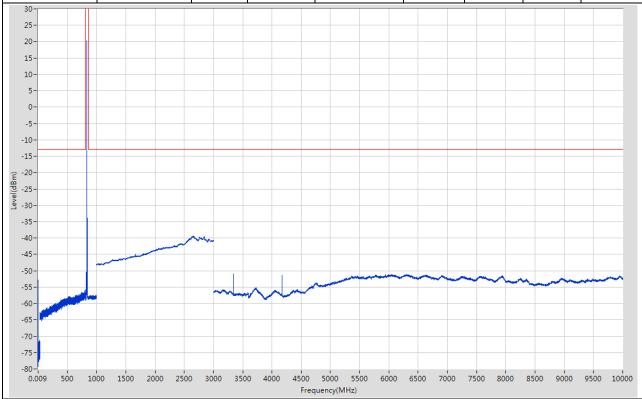
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.31	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.98	-13	Pass	2985
30	814	0.1	RMS	788.497	-56.22	-13	Pass	7840
814	860	0.1	RMS	828.643	19.29	60	Pass	601
860	1000	0.1	RMS	880.915	-57.54	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.45	-13	Pass	2000
3000	10000	1	RMS	6327.475	-51.06	-13	Pass	7000
25-								





1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

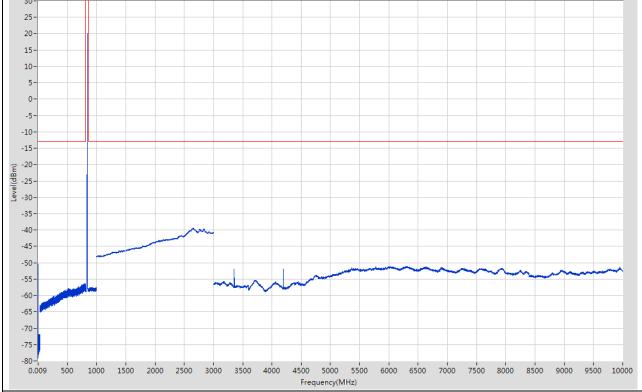
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.85	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.8	-13	Pass	2985
30	814	0.1	RMS	812.5	-55.83	-13	Pass	7840
814	860	0.1	RMS	834.317	20.21	60	Pass	601
860	1000	0.1	RMS	893.924	-57.59	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.42	-13	Pass	2000
3000	10000	1	RMS	3337.048	-50.9	-13	Pass	7000
25 -								





1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

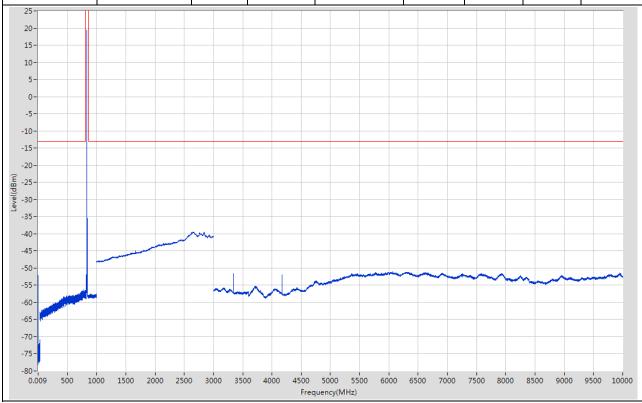
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.42	-13	Pass	2985
30	814	0.1	RMS	802.599	-56.4	-13	Pass	7840
814	860	0.1	RMS	838.687	20.08	60	Pass	601
860	1000	0.1	RMS	898.828	-57.54	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.47	-13	Pass	2000
3000	10000	1	RMS	6291.47	-51.07	-13	Pass	7000
30 - 25 - 20 -								





1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

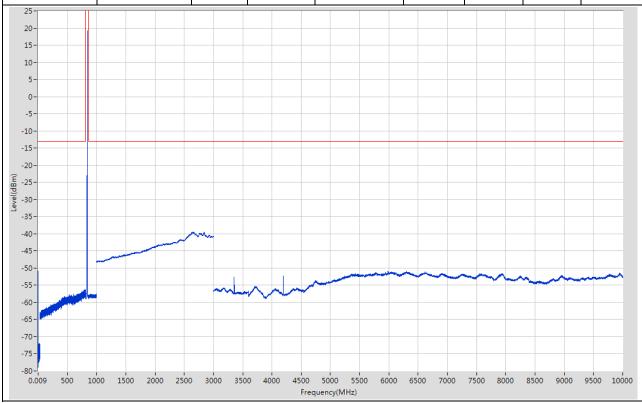
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.03	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.08	-13	Pass	2985
30	814	0.1	RMS	778.095	-56.4	-13	Pass	7840
814	860	0.1	RMS	834.317	19.41	60	Pass	601
860	1000	0.1	RMS	997.698	-57.5	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.43	-13	Pass	2000
3000	10000	1	RMS	6068.438	-51.13	-13	Pass	7000





1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

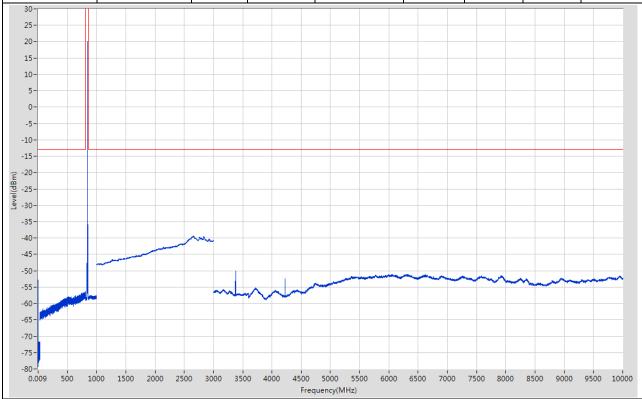
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.38	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.97	-13	Pass	2985
30	814	0.1	RMS	788.097	-56.28	-13	Pass	7840
814	860	0.1	RMS	838.687	19.25	60	Pass	601
860	1000	0.1	RMS	904.132	-57.56	-13	Pass	1400
1000	3000	1	RMS	2663.832	-39.43	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.86	-13	Pass	7000





1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

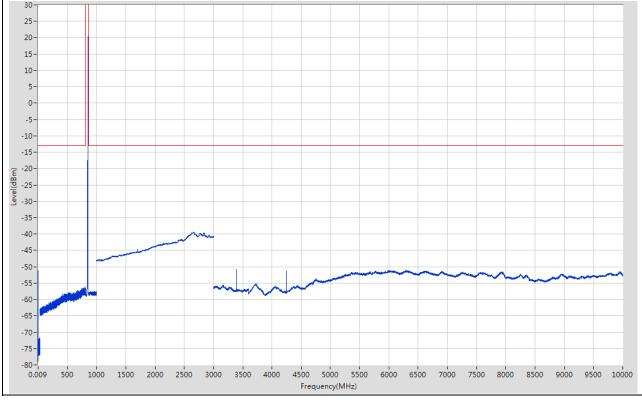
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-52.9	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53	-13	Pass	2985
30	814	0.1	RMS	807.999	-56.27	-13	Pass	7840
814	860	0.1	RMS	844.36	20.07	60	Pass	601
860	1000	0.1	RMS	894.825	-57.59	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.47	-13	Pass	2000
3000	10000	1	RMS	3377.054	-50.06	-13	Pass	7000
30 - 25 - 20 -								





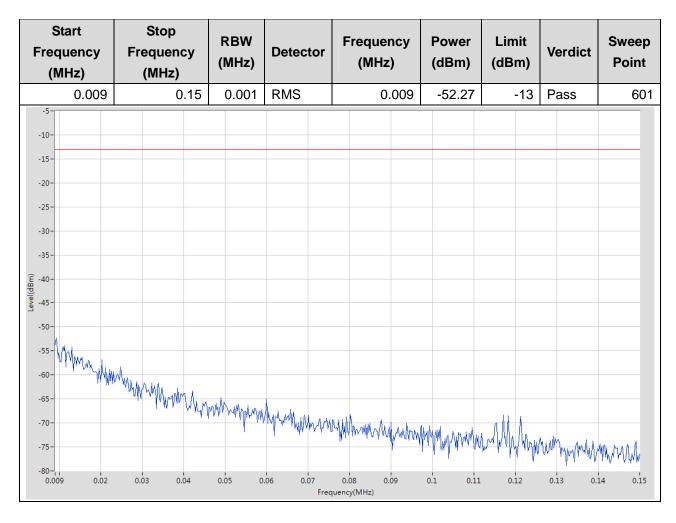
1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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	-52.96	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.16	-13	Pass	2985
30	814	0.1	RMS	798.298	-56.16	-13	Pass	7840
814	860	0.1	RMS	848.653	20.33	60	Pass	601
860	1000	0.1	RMS	996.397	-57.55	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.46	-13	Pass	2000
3000	10000	1	RMS	3395.056	-50.89	-13	Pass	7000
30 - 25 - 20 -								





1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)





1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

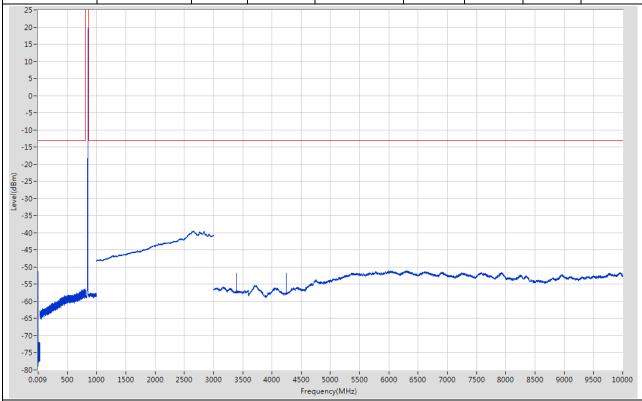
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
30	814	0.1	RMS	806.699	-56.17	-13	Pass	7840
814	860	0.1	RMS	844.36	19.54	60	Pass	601
860	1000	0.1	RMS	902.731	-57.59	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.38	-13	Pass	2000
3000	10000	1	RMS	3377.054	-50.93	-13	Pass	7000





1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

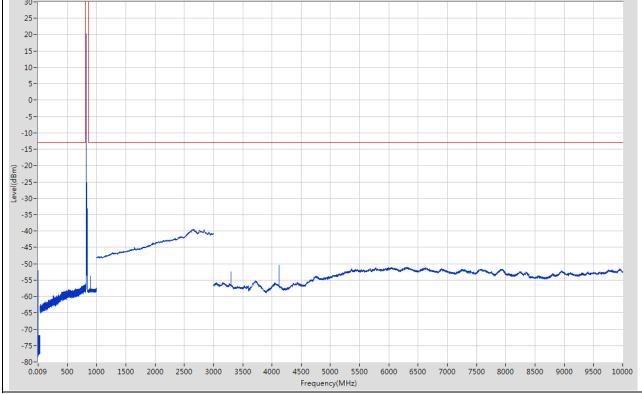
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.21	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.91	-13	Pass	2985
30	814	0.1	RMS	804.599	-56.27	-13	Pass	7840
814	860	0.1	RMS	848.653	19.53	60	Pass	601
860	1000	0.1	RMS	904.932	-57.59	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.46	-13	Pass	2000
3000	10000	1	RMS	6323.475	-51	-13	Pass	7000





1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

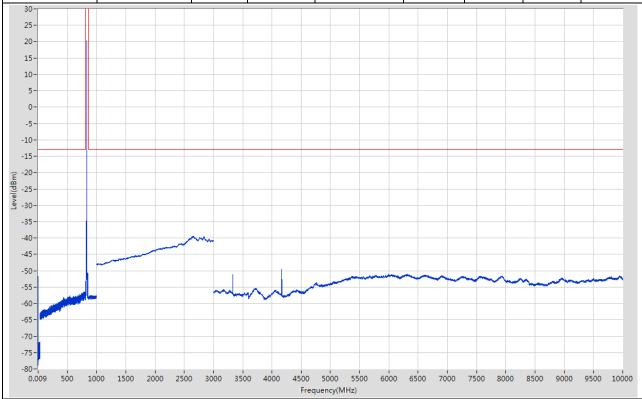
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.05	-13	Pass	2985
30	814	0.1	RMS	812.7	-56.12	-13	Pass	7840
814	860	0.1	RMS	824.58	20.3	60	Pass	601
860	1000	0.1	RMS	894.925	-53.67	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.43	-13	Pass	2000
3000	10000	1	RMS	4123.16	-50.43	-13	Pass	7000
30 - 25 - 20 -								





1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

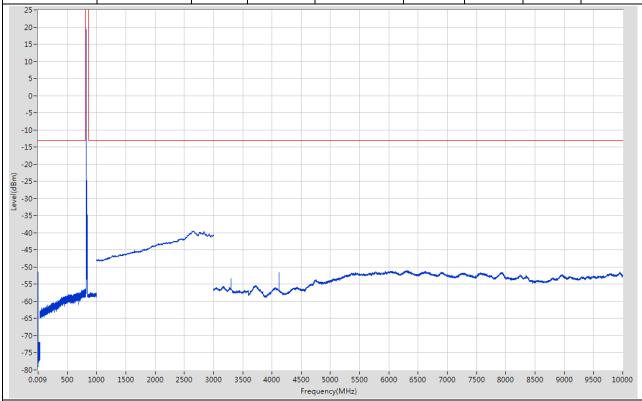
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point		
0.009	0.15	0.001	RMS	0.01	-53.4	-13	Pass	601		
0.15	30	0.01	RMS	0.15	-51.64	-13	Pass	2985		
30	814	0.1	RMS	811.1	-56.43	-13	Pass	7840		
814	860	0.1	RMS	833.397	20.33	60	Pass	601		
860	1000	0.1	RMS	894.525	-57.57	-13	Pass	1400		
1000	3000	1	RMS	2655.828	-39.43	-13	Pass	2000		
3000	10000	1	RMS	4167.167	-49.59	-13	Pass	7000		
30-	30-									





1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

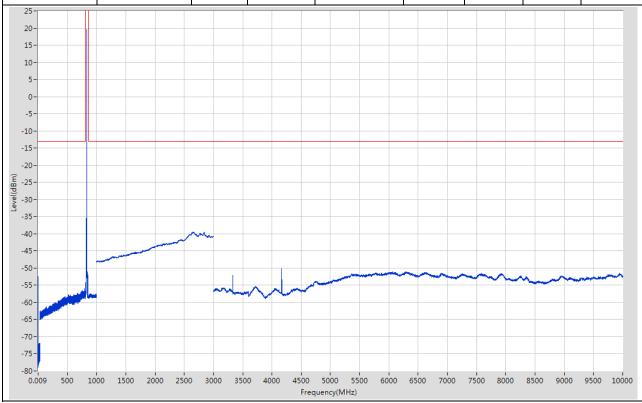
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.54	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.38	-13	Pass	2985
30	814	0.1	RMS	811.6	-56.32	-13	Pass	7840
814	860	0.1	RMS	824.58	19.45	60	Pass	601
860	1000	0.1	RMS	895.726	-57.45	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.46	-13	Pass	2000
3000	10000	1	RMS	6322.475	-51.03	-13	Pass	7000





1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

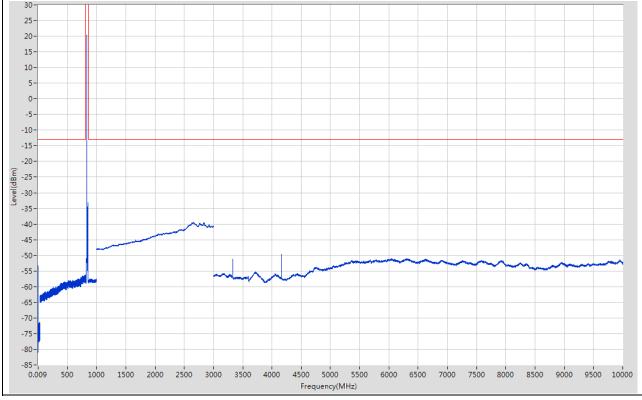
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.94	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.41	-13	Pass	2985
30	814	0.1	RMS	796.498	-56	-13	Pass	7840
814	860	0.1	RMS	833.397	19.51	60	Pass	601
860	1000	0.1	RMS	899.728	-57.37	-13	Pass	1400
1000	3000	1	RMS	2657.829	-39.44	-13	Pass	2000
3000	10000	1	RMS	4167.167	-50.25	-13	Pass	7000





1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

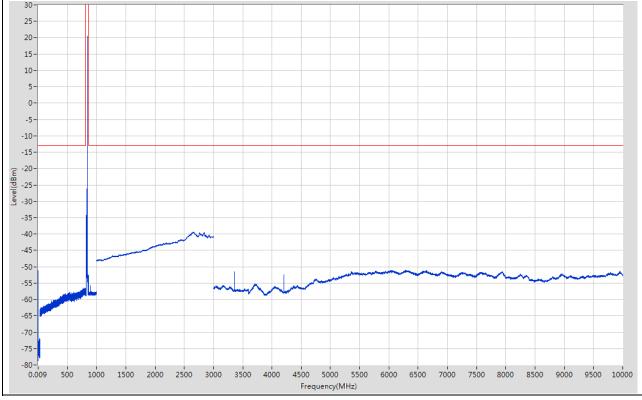
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.43	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.31	-13	Pass	2985
30	814	0.1	RMS	810.9	-56.11	-13	Pass	7840
814	860	0.1	RMS	832.093	20.49	60	Pass	601
860	1000	0.1	RMS	894.124	-57.48	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.47	-13	Pass	2000
3000	10000	1	RMS	4160.166	-49.74	-13	Pass	7000
30 - 25 - 20 -								





1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

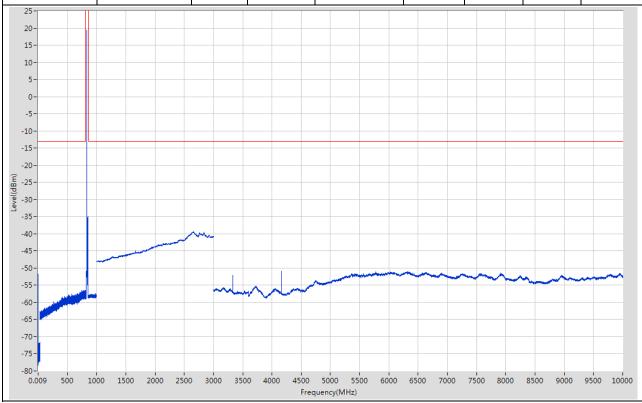
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.08	-13	Pass	2985
30	814	0.1	RMS	799.098	-56.47	-13	Pass	7840
814	860	0.1	RMS	840.91	20.43	60	Pass	601
860	1000	0.1	RMS	895.025	-55.73	-13	Pass	1400
1000	3000	1	RMS	2655.828	-39.47	-13	Pass	2000
3000	10000	1	RMS	6282.469	-51.02	-13	Pass	7000
30- 25- 20-								





1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

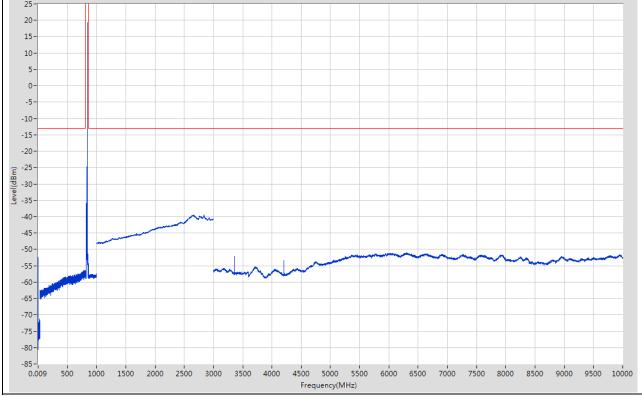
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.62	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.71	-13	Pass	2985
30	814	0.1	RMS	743.591	-56.51	-13	Pass	7840
814	860	0.1	RMS	832.093	19.41	60	Pass	601
860	1000	0.1	RMS	975.382	-57.46	-13	Pass	1400
1000	3000	1	RMS	2659.83	-39.4	-13	Pass	2000
3000	10000	1	RMS	4160.166	-50.92	-13	Pass	7000





1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

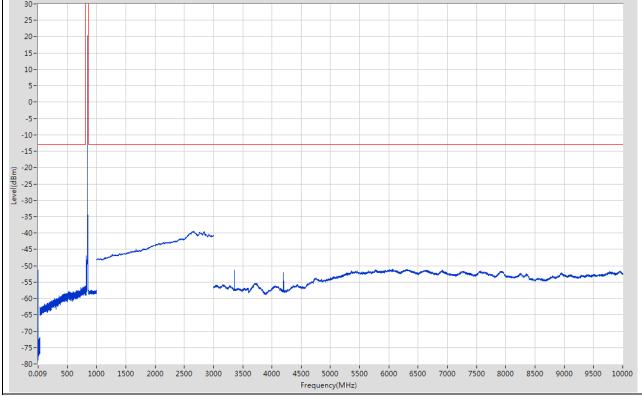
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.58	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.43	-13	Pass	2985
30	814	0.1	RMS	806.199	-56.32	-13	Pass	7840
814	860	0.1	RMS	840.91	19.25	60	Pass	601
860	1000	0.1	RMS	996.497	-57.54	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.45	-13	Pass	2000
3000	10000	1	RMS	6298.471	-51.07	-13	Pass	7000
25-								





1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

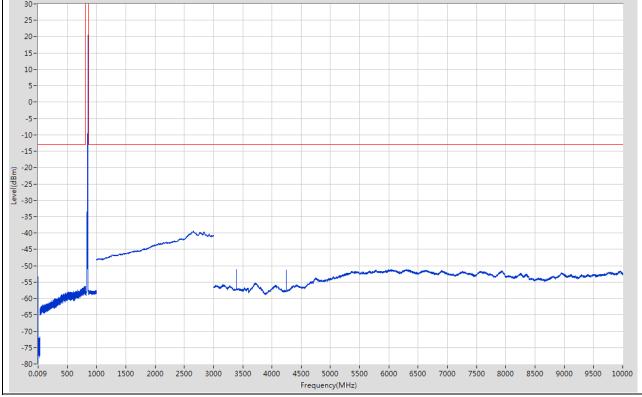
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.3	-13	Pass	2985
30	814	0.1	RMS	798.198	-56.18	-13	Pass	7840
814	860	0.1	RMS	839.607	20.36	60	Pass	601
860	1000	0.1	RMS	998.099	-57.45	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.49	-13	Pass	2000
3000	10000	1	RMS	6065.438	-51.06	-13	Pass	7000
30 - 25 - 20 -								





1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

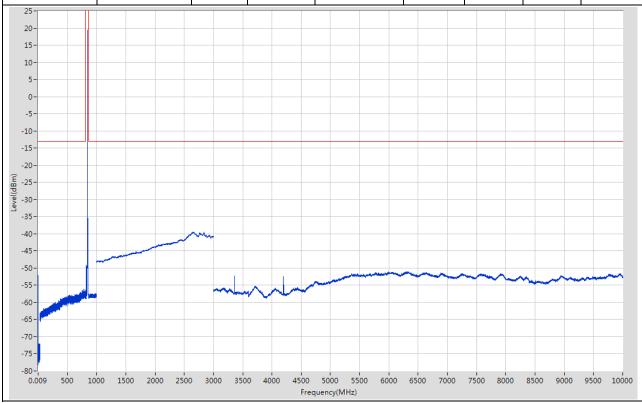
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.54	-13	Pass	601
0.15	30	0.01	RMS	0.16	-53.34	-13	Pass	2985
30	814	0.1	RMS	797.398	-56.27	-13	Pass	7840
814	860	0.1	RMS	848.423	20.48	60	Pass	601
860	1000	0.1	RMS	973.581	-57.56	-13	Pass	1400
1000	3000	1	RMS	2660.83	-39.49	-13	Pass	2000
3000	10000	1	RMS	6300.471	-51.1	-13	Pass	7000
30-								





1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

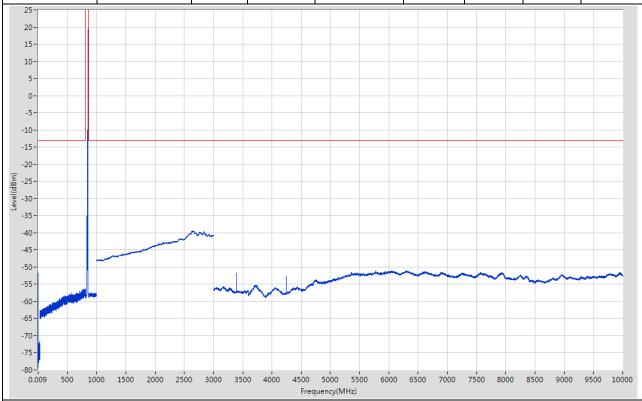
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-54.25	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.21	-13	Pass	2985
30	814	0.1	RMS	782.896	-56.12	-13	Pass	7840
814	860	0.1	RMS	839.607	19.47	60	Pass	601
860	1000	0.1	RMS	978.485	-57.45	-13	Pass	1400
1000	3000	1	RMS	2661.831	-39.44	-13	Pass	2000
3000	10000	1	RMS	6328.475	-51.05	-13	Pass	7000





1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.43	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.7	-13	Pass	2985
30	814	0.1	RMS	810.5	-56.33	-13	Pass	7840
814	860	0.1	RMS	848.423	19.37	60	Pass	601
860	1000	0.1	RMS	986.59	-57.53	-13	Pass	1400
1000	3000	1	RMS	2658.829	-39.48	-13	Pass	2000
3000	10000	1	RMS	6303.472	-51.06	-13	Pass	7000





END