

Annex C. LTE Transmitter Spurious Emissions



1. LTE_Band7

1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, 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	-52.44	-25	Pass	601
0.15	30	0.01	RMS	0.15	-49.34	-25	Pass	2985
30	1000	0.1	RMS	921.492	-55.39	-25	Pass	9700
1000	2490	1	RMS	2453.976	-41.34	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.59	60	Pass	601
2580	3000	1	RMS	2659.8	-40.05	-25	Pass	601
3000	12000	1	RMS	11928.992	-48.37	-25	Pass	9000
12000	26000	1	RMS	25970.998	-30.16	-25	Pass	14000
20- 15- 10- 5- 051015- 20202035303540455065707580- 0.009 2000	4000 6000	8000	10000 1200	0 14000 160	00 18000		22000 240	00 26000



1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20775, 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	-53.64	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.56	-25	Pass	2985
30	1000	0.1	RMS	899.99	-55.48	-25	Pass	9700
1000	2490	1	RMS	2441.968	-41.13	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.47	60	Pass	601
2580	3000	1	RMS	2660.5	-40.05	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.36	-25	Pass	9000
12000	26000	1	RMS	25928.995	-30.2	-25	Pass	14000
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1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20775, 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	-53.18	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.78	-25	Pass	2985
30	1000	0.1	RMS	905.79	-55.16	-25	Pass	9700
1000	2490	1	RMS	2430.96	-41.36	-25	Pass	1490
2490	2580	1	RMS	2500.35	21.6	60	Pass	601
2580	3000	1	RMS	2659.8	-40.07	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.3	-25	Pass	9000
12000	26000	1	RMS	25982.999	-30.23	-25	Pass	14000
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1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, 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	-51.22	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.56	-25	Pass	2985
30	1000	0.1	RMS	984.298	-55.24	-25	Pass	9700
1000	2490	1	RMS	2437.965	-41.3	-25	Pass	1490
2490	2580	1	RMS	2504.7	21.51	60	Pass	601
2580	3000	1	RMS	2659.8	-40.07	-25	Pass	601
3000	12000	1	RMS	11902.989	-48.38	-25	Pass	9000
12000	26000	1	RMS	25948.996	-30.13	-25	Pass	14000
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1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:21100, 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	-52.9	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.47	-25	Pass	2985
30	1000	0.1	RMS	909.791	-55.37	-25	Pass	9700
1000	2490	1	RMS	2426.958	-41.35	-25	Pass	1490
2490	2580	1	RMS	2532.9	22.54	60	Pass	601
2580	3000	1	RMS	2659.8	-40.05	-25	Pass	601
3000	12000	1	RMS	11901.989	-48.39	-25	Pass	9000
12000	26000	1	RMS	25942.996	-33.62	-25	Pass	14000
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1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:21100, 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	-53.23	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.98	-25	Pass	2985
30	1000	0.1	RMS	898.39	-55.5	-25	Pass	9700
1000	2490	1	RMS	2421.954	-41.39	-25	Pass	1490
2490	2580	1	RMS	2537.1	22.51	60	Pass	601
2580	3000	1	RMS	2659.1	-40.1	-25	Pass	601
3000	12000	1	RMS	11917.991	-48.41	-25	Pass	9000
12000	26000	1	RMS	25985.999	-30.29	-25	Pass	14000
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1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.83	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.89	-25	Pass	2985
30	1000	0.1	RMS	905.99	-55.53	-25	Pass	9700
1000	2490	1	RMS	2431.961	-41.23	-25	Pass	1490
2490	2580	1	RMS	2532.9	21.66	60	Pass	601
2580	3000	1	RMS	2657.7	-40.08	-25	Pass	601
3000	12000	1	RMS	11924.992	-48.4	-25	Pass	9000
12000	26000	1	RMS	25958.997	-30.26	-25	Pass	14000
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1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:21100, 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	-52.65	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.21	-25	Pass	2985
30	1000	0.1	RMS	885.888	-55.48	-25	Pass	9700
1000	2490	1	RMS	2433.962	-41.35	-25	Pass	1490
2490	2580	1	RMS	2537.1	21.69	60	Pass	601
2580	3000	1	RMS	2659.8	-40.01	-25	Pass	601
3000	12000	1	RMS	11902.989	-48.4	-25	Pass	9000
12000	26000	1	RMS	25935.995	-30.26	-25	Pass	14000
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1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:21425, 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	-52.71	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.24	-25	Pass	2985
30	1000	0.1	RMS	980.298	-55.56	-25	Pass	9700
1000	2490	1	RMS	2432.962	-41.32	-25	Pass	1490
2490	2580	1	RMS	2565.3	22.79	60	Pass	601
2580	3000	1	RMS	2659.8	-40.07	-25	Pass	601
3000	12000	1	RMS	11931.992	-48.3	-25	Pass	9000
12000	26000	1	RMS	25947.996	-30.21	-25	Pass	14000
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1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:21425, 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	-53.52	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50	-25	Pass	2985
30	1000	0.1	RMS	937.194	-55.31	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.37	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.82	60	Pass	601
2580	3000	1	RMS	2658.4	-40.08	-25	Pass	601
3000	12000	1	RMS	11933.993	-48.34	-25	Pass	9000
12000	26000	1	RMS	25932.995	-30.26	-25	Pass	14000
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1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:21425, 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	-53.44	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.17	-25	Pass	2985
30	1000	0.1	RMS	926.792	-55.58	-25	Pass	9700
1000	2490	1	RMS	2433.962	-41.28	-25	Pass	1490
2490	2580	1	RMS	2565.3	22.03	60	Pass	601
2580	3000	1	RMS	2659.8	-40.04	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.39	-25	Pass	9000
12000	26000	1	RMS	25934.995	-30.25	-25	Pass	14000
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1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:21425, 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	-53.65	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.94	-25	Pass	2985
30	1000	0.1	RMS	900.39	-55.55	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.37	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.05	60	Pass	601
2580	3000	1	RMS	2660.5	-40.07	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.34	-25	Pass	9000
12000	26000	1	RMS	25953.997	-30.18	-25	Pass	14000
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1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

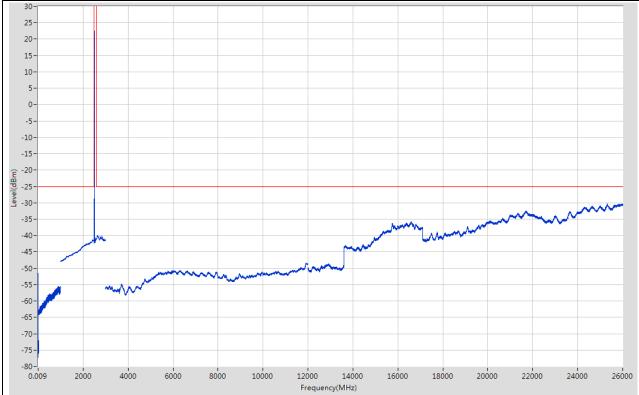
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.63	-25	Pass	2985
30	1000	0.1	RMS	967.597	-55.54	-25	Pass	9700
1000	2490	1	RMS	2482.995	-40.59	-25	Pass	1490
2490	2580	1	RMS	2500.65	22.55	60	Pass	601
2580	3000	1	RMS	2658.4	-40.05	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.25	-25	Pass	9000
12000	26000	1	RMS	25993	-30.27	-25	Pass	14000
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1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20800, 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	-52.72	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.53	-25	Pass	2985
30	1000	0.1	RMS	894.689	-55.53	-25	Pass	9700
1000	2490	1	RMS	2433.962	-41.29	-25	Pass	1490
2490	2580	1	RMS	2509.35	22.49	60	Pass	601
2580	3000	1	RMS	2658.4	-40.04	-25	Pass	601
3000	12000	1	RMS	11909.99	-48.38	-25	Pass	9000
12000	26000	1	RMS	25307.951	-30.26	-25	Pass	14000
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1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20800, 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	0.0	1	-53.13	-25	Pass	601
0.15	30	0.01	RMS	0.1	5	-51.2	-25	Pass	2985
30	1000	0.1	RMS	901.3	9	-54.33	-25	Pass	9700
1000	2490	1	RMS	2482.99	5	-40.59	-25	Pass	1490
2490	2580	1	RMS	2500.6	5	21.7	60	Pass	601
2580	3000	1	RMS	2661.	2	-40.07	-25	Pass	601
3000	12000	1	RMS	11908.9	9	-48.36	-25	Pass	9000
12000	26000	1	RMS	25816.98	7	-30.27	-25	Pass	14000
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1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Freque	_	Powe (dBn		Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	(0.009	-53.	28	-25	Pass	601
0.15	30	0.01	RMS		0.15	-49.	56	-25	Pass	2985
30	1000	0.1	RMS	94	1.894	-55.	12	-25	Pass	9700
1000	2490	1	RMS	244	2.968	-41.	33	-25	Pass	1490
2490	2580	1	RMS	250	09.35	21.	61	60	Pass	601
2580	3000	1	RMS	20	659.1	-40.	07	-25	Pass	601
3000	12000	1	RMS	1192	6.992	-48.	38	-25	Pass	9000
12000	26000	1	RMS	2594	3.996	-30	0.3	-25	Pass	14000
30- 25-										





1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-51.94	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.44	-25	Pass	2985
30	1000	0.1	RMS	903.99	-55.45	-25	Pass	9700
1000	2490	1	RMS	2435.964	-41.34	-25	Pass	1490
2490	2580	1	RMS	2530.65	22.56	60	Pass	601
2580	3000	1	RMS	2658.4	-40.08	-25	Pass	601
3000	12000	1	RMS	11932.993	-48.36	-25	Pass	9000
12000	26000	1	RMS	25911.994	-30.23	-25	Pass	14000
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1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:21100, 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	-52.92	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.9	-25	Pass	2985
30	1000	0.1	RMS	983.798	-55.51	-25	Pass	9700
1000	2490	1	RMS	2441.968	-41.2	-25	Pass	1490
2490	2580	1	RMS	2539.35	22.55	60	Pass	601
2580	3000	1	RMS	2660.5	-40.09	-25	Pass	601
3000	12000	1	RMS	11928.992	-48.4	-25	Pass	9000
12000	26000	1	RMS	25959.997	-30.18	-25	Pass	14000
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1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.08	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.65	-25	Pass	2985
30	1000	0.1	RMS	896.489	-55.36	-25	Pass	9700
1000	2490	1	RMS	2434.963	-41.34	-25	Pass	1490
2490	2580	1	RMS	2530.65	21.56	60	Pass	601
2580	3000	1	RMS	2659.8	-40.07	-25	Pass	601
3000	12000	1	RMS	11994.999	-48.4	-25	Pass	9000
12000	26000	1	RMS	25961.997	-30.27	-25	Pass	14000
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1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.93	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.03	-25	Pass	2985
30	1000	0.1	RMS	895.589	-55.58	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.38	-25	Pass	1490
2490	2580	1	RMS	2539.35	21.58	60	Pass	601
2580	3000	1	RMS	2658.4	-40.06	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.45	-25	Pass	9000
12000	26000	1	RMS	25952.997	-30.11	-25	Pass	14000
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1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:21400, 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	-53.93	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.64	-25	Pass	2985
30	1000	0.1	RMS	902.79	-50.86	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.36	-25	Pass	1490
2490	2580	1	RMS	2560.65	22.83	60	Pass	601
2580	3000	1	RMS	2660.5	-40.07	-25	Pass	601
3000	12000	1	RMS	11903.989	-48.36	-25	Pass	9000
12000	26000	1	RMS	25947.996	-30.16	-25	Pass	14000
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1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:21400, 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	0.011	-52.93	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.4	-25	Pass	2985
30	1000	0.1	RMS	889.389	-55.55	-25	Pass	9700
1000	2490	1	RMS	2429.96	-41.39	-25	Pass	1490
2490	2580	1	RMS	2569.35	22.84	60	Pass	601
2580	3000	1	RMS	2659.8	-40.07	-25	Pass	601
3000	12000	1	RMS	11909.99	-48.37	-25	Pass	9000
12000	26000	1	RMS	25953.997	-30.21	-25	Pass	14000
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1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-51.52	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.64	-25	Pass	2985
30	1000	0.1	RMS	899.49	-55.56	-25	Pass	9700
1000	2490	1	RMS	2458.979	-41.41	-25	Pass	1490
2490	2580	1	RMS	2560.65	21.92	60	Pass	601
2580	3000	1	RMS	2659.1	-40.04	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.39	-25	Pass	9000
12000	26000	1	RMS	25954.997	-30.22	-25	Pass	14000
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1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:21400, 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	-52.22	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.89	-25	Pass	2985
30	1000	0.1	RMS	894.289	-55.58	-25	Pass	9700
1000	2490	1	RMS	2449.973	-41.37	-25	Pass	1490
2490	2580	1	RMS	2569.35	21.86	60	Pass	601
2580	3000	1	RMS	2659.1	-40.05	-25	Pass	601
3000	12000	1	RMS	11909.99	-48.36	-25	Pass	9000
12000	26000	1	RMS	25957.997	-30.29	-25	Pass	14000
30-								





1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.07	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.69	-25	Pass	2985
30	1000	0.1	RMS	990.199	-55.62	-25	Pass	9700
1000	2490	1	RMS	2487.999	-40.74	-25	Pass	1490
2490	2580	1	RMS	2500.8	22.53	60	Pass	601
2580	3000	1	RMS	2659.1	-40.07	-25	Pass	601
3000	12000	1	RMS	11921.991	-48.34	-25	Pass	9000
12000	26000	1	RMS	25945.996	-30.26	-25	Pass	14000
30- 25- 20- 15- 10-								





1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:20825, 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	-52.8	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.37	-25	Pass	2985
30	1000	0.1	RMS	941.394	-55.65	-25	Pass	9700
1000	2490	1	RMS	2487.999	-31.18	-25	Pass	1490
2490	2580	1	RMS	2514.15	22.49	60	Pass	601
2580	3000	1	RMS	2660.5	-40.07	-25	Pass	601
3000	12000	1	RMS	11905.99	-48.3	-25	Pass	9000
12000	26000	1	RMS	25931.995	-30.22	-25	Pass	14000
30 - 25 -								





1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.44	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.15	-25	Pass	2985
30	1000	0.1	RMS	893.389	-55.67	-25	Pass	9700
1000	2490	1	RMS	2487.999	-40.89	-25	Pass	1490
2490	2580	1	RMS	2500.8	21.68	60	Pass	601
2580	3000	1	RMS	2659.8	-40.08	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.36	-25	Pass	9000
12000	26000	1	RMS	25953.997	-30.29	-25	Pass	14000
30 - 25 - 20 - 15 - 10 -								





1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-52.62	-25	Pass	601
0.15	30	0.01	RMS	0.16	-51.36	-25	Pass	2985
30	1000	0.1	RMS	885.788	-55.65	-25	Pass	9700
1000	2490	1	RMS	2487.999	-32.3	-25	Pass	1490
2490	2580	1	RMS	2514.15	21.65	60	Pass	601
2580	3000	1	RMS	2659.1	-40.08	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.39	-25	Pass	9000
12000	26000	1	RMS	25952.997	-30.13	-25	Pass	14000
30- 25- 20-								





1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:21100, 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	-53.19	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.92	-25	Pass	2985
30	1000	0.1	RMS	997.6	-55.51	-25	Pass	9700
1000	2490	1	RMS	2440.967	-41.08	-25	Pass	1490
2490	2580	1	RMS	2528.4	22.51	60	Pass	601
2580	3000	1	RMS	2660.5	-40.09	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.37	-25	Pass	9000
12000	26000	1	RMS	25933.995	-30.19	-25	Pass	14000
30 - 25 - 20 -								





1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:21100, 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	-52.77	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.56	-25	Pass	2985
30	1000	0.1	RMS	898.39	-55.5	-25	Pass	9700
1000	2490	1	RMS	2435.964	-41.33	-25	Pass	1490
2490	2580	1	RMS	2541.6	22.54	60	Pass	601
2580	3000	1	RMS	2659.8	-40.09	-25	Pass	601
3000	12000	1	RMS	11908.99	-48.36	-25	Pass	9000
12000	26000	1	RMS	25954.997	-33.6	-25	Pass	14000
30- 25- 20- 15-								





1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.09	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.69	-25	Pass	2985
30	1000	0.1	RMS	912.091	-55.41	-25	Pass	9700
1000	2490	1	RMS	2450.974	-41.34	-25	Pass	1490
2490	2580	1	RMS	2528.4	21.57	60	Pass	601
2580	3000	1	RMS	2659.8	-40.03	-25	Pass	601
3000	12000	1	RMS	11920.991	-48.31	-25	Pass	9000
12000	26000	1	RMS	25948.996	-30.23	-25	Pass	14000
30- 25- 20- 15-								





1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.22	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.26	-25	Pass	2985
30	1000	0.1	RMS	984.898	-55.55	-25	Pass	9700
1000	2490	1	RMS	2436.964	-41.15	-25	Pass	1490
2490	2580	1	RMS	2541.75	21.51	60	Pass	601
2580	3000	1	RMS	2659.8	-40.03	-25	Pass	601
3000	12000	1	RMS	11908.99	-48.38	-25	Pass	9000
12000	26000	1	RMS	25958.997	-30.19	-25	Pass	14000
30-								





1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:21375, 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	-53.08	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.5	-25	Pass	2985
30	1000	0.1	RMS	934.593	-55.49	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.39	-25	Pass	1490
2490	2580	1	RMS	2555.85	22.74	60	Pass	601
2580	3000	1	RMS	2582.8	-29.63	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.41	-25	Pass	9000
12000	26000	1	RMS	25966.998	-30.29	-25	Pass	14000
30- 25- 20- 15- 10- 5-								





1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:21375, 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	-53.19	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.06	-25	Pass	2985
30	1000	0.1	RMS	993.199	-55.57	-25	Pass	9700
1000	2490	1	RMS	2458.979	-41.37	-25	Pass	1490
2490	2580	1	RMS	2569.2	22.74	60	Pass	601
2580	3000	1	RMS	2582.8	-39.62	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.39	-25	Pass	9000
12000	26000	1	RMS	25941.996	-30.3	-25	Pass	14000
30 - 25 - 20 -								





1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.41	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.37	-25	Pass	2985
30	1000	0.1	RMS	899.59	-55.5	-25	Pass	9700
1000	2490	1	RMS	2422.955	-41.36	-25	Pass	1490
2490	2580	1	RMS	2555.85	21.88	60	Pass	601
2580	3000	1	RMS	2582.8	-30.79	-25	Pass	601
3000	12000	1	RMS	11923.992	-48.34	-25	Pass	9000
12000	26000	1	RMS	25920.994	-30.27	-25	Pass	14000
30- 25- 20- 15- 10-								





1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.12	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.42	-25	Pass	2985
30	1000	0.1	RMS	881.388	-55.54	-25	Pass	9700
1000	2490	1	RMS	2419.953	-41.37	-25	Pass	1490
2490	2580	1	RMS	2569.2	21.92	60	Pass	601
2580	3000	1	RMS	2582.8	-39.77	-25	Pass	601
3000	12000	1	RMS	11903.989	-48.32	-25	Pass	9000
12000	26000	1	RMS	25925.995	-30.23	-25	Pass	14000
30- 25- 20- 15- 10-								





1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:20850, 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	-51.91	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.3	-25	Pass	2985
30	1000	0.1	RMS	922.292	-55.37	-25	Pass	9700
1000	2490	1	RMS	2488.999	-41.05	-25	Pass	1490
2490	2580	1	RMS	2501.1	22.47	60	Pass	601
2580	3000	1	RMS	2660.5	-40.06	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.35	-25	Pass	9000
12000	26000	1	RMS	25917.994	-30.2	-25	Pass	14000
30- 25- 20-								





1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20850, 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	-53.81	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.35	-25	Pass	2985
30	1000	0.1	RMS	905.69	-55.63	-25	Pass	9700
1000	2490	1	RMS	2482.995	-34.05	-25	Pass	1490
2490	2580	1	RMS	2518.95	22.42	60	Pass	601
2580	3000	1	RMS	2659.1	-40.07	-25	Pass	601
3000	12000	1	RMS	11913.99	-48.34	-25	Pass	9000
12000	26000	1	RMS	25951.997	-30.26	-25	Pass	14000
30- 25- 20- 15- 10-								





1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.74	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.38	-25	Pass	2985
30	1000	0.1	RMS	999.7	-55.46	-25	Pass	9700
1000	2490	1	RMS	2490	-41.04	-25	Pass	1490
2490	2580	1	RMS	2501.1	21.61	60	Pass	601
2580	3000	1	RMS	2659.8	-40.04	-25	Pass	601
3000	12000	1	RMS	11926.992	-48.31	-25	Pass	9000
12000	26000	1	RMS	25950.997	-30.26	-25	Pass	14000
30- 25- 20- 15-								





1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.52	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.88	-25	Pass	2985
30	1000	0.1	RMS	895.789	-55.19	-25	Pass	9700
1000	2490	1	RMS	2482.995	-35.73	-25	Pass	1490
2490	2580	1	RMS	2518.95	21.49	60	Pass	601
2580	3000	1	RMS	2660.5	-40.07	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.37	-25	Pass	9000
12000	26000	1	RMS	25936.996	-30.18	-25	Pass	14000
30-								





1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.23	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.07	-25	Pass	2985
30	1000	0.1	RMS	969.197	-55.43	-25	Pass	9700
1000	2490	1	RMS	2490	-40.43	-25	Pass	1490
2490	2580	1	RMS	2526.15	22.39	60	Pass	601
2580	3000	1	RMS	2659.8	-40.08	-25	Pass	601
3000	12000	1	RMS	11902.989	-48.3	-25	Pass	9000
12000	26000	1	RMS	25947.996	-30.1	-25	Pass	14000
30 - 25 - 20 -								





1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-52.4	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.81	-25	Pass	2985
30	1000	0.1	RMS	953.195	-55.46	-25	Pass	9700
1000	2490	1	RMS	2423.956	-41.38	-25	Pass	1490
2490	2580	1	RMS	2543.85	22.41	60	Pass	601
2580	3000	1	RMS	2659.1	-40.08	-25	Pass	601
3000	12000	1	RMS	11904.989	-48.3	-25	Pass	9000
12000	26000	1	RMS	25970.998	-30.24	-25	Pass	14000
30 -								





1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.49	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.28	-25	Pass	2985
30	1000	0.1	RMS	912.691	-55.59	-25	Pass	9700
1000	2490	1	RMS	2490	-41.01	-25	Pass	1490
2490	2580	1	RMS	2526.15	21.44	60	Pass	601
2580	3000	1	RMS	2659.8	-40.06	-25	Pass	601
3000	12000	1	RMS	11907.99	-48.34	-25	Pass	9000
12000	26000	1	RMS	25925.995	-30.14	-25	Pass	14000
30-								





1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.03	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.82	-25	Pass	2985
30	1000	0.1	RMS	997	-55.53	-25	Pass	9700
1000	2490	1	RMS	2441.968	-41.27	-25	Pass	1490
2490	2580	1	RMS	2543.85	21.48	60	Pass	601
2580	3000	1	RMS	2659.1	-40.01	-25	Pass	601
3000	12000	1	RMS	11920.991	-48.33	-25	Pass	9000
12000	26000	1	RMS	25916.994	-30.22	-25	Pass	14000
30-								





1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:21350, 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	-52.44	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.44	-25	Pass	2985
30	1000	0.1	RMS	979.098	-55.45	-25	Pass	9700
1000	2490	1	RMS	2440.967	-41.02	-25	Pass	1490
2490	2580	1	RMS	2551.05	22.52	60	Pass	601
2580	3000	1	RMS	2587	-33.74	-25	Pass	601
3000	12000	1	RMS	11907.99	-48.37	-25	Pass	9000
12000	26000	1	RMS	25950.997	-30.23	-25	Pass	14000
30-								





1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.28	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.82	-25	Pass	2985
30	1000	0.1	RMS	900.29	-55.55	-25	Pass	9700
1000	2490	1	RMS	2457.979	-41.36	-25	Pass	1490
2490	2580	1	RMS	2568.9	22.68	60	Pass	601
2580	3000	1	RMS	2659.8	-40.04	-25	Pass	601
3000	12000	1	RMS	11916.991	-48.32	-25	Pass	9000
12000	26000	1	RMS	25952.997	-30.1	-25	Pass	14000
25-								





1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.47	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.23	-25	Pass	2985
30	1000	0.1	RMS	881.188	-55.31	-25	Pass	9700
1000	2490	1	RMS	2437.965	-41.06	-25	Pass	1490
2490	2580	1	RMS	2551.05	21.51	60	Pass	601
2580	3000	1	RMS	2587	-34.79	-25	Pass	601
3000	12000	1	RMS	11918.991	-48.29	-25	Pass	9000
12000	26000	1	RMS	25982.999	-30.23	-25	Pass	14000
30 - 25 - 20 -								





1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.19	-25	Pass	601
0.15	30	0.01	RMS	0.15	-50.91	-25	Pass	2985
30	1000	0.1	RMS	936.593	-55.47	-25	Pass	9700
1000	2490	1	RMS	2490	-41.35	-25	Pass	1490
2490	2580	1	RMS	2568.9	21.71	60	Pass	601
2580	3000	1	RMS	2659.8	-40.04	-25	Pass	601
3000	12000	1	RMS	11910.99	-48.36	-25	Pass	9000
12000	26000	1	RMS	25954.997	-30.25	-25	Pass	14000





END