

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)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.42	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.95	-25	Pass	2985
30	30 1000		RMS	906.99	-59.22	-25	Pass	9700
1000	1000 2490		RMS	2490	-45.09	-25	Pass	1490
2490			RMS	2500.2	21.1	60	Pass	601
2580	3000	1	RMS	2666.8	-47.3	-25	Pass	601
3000	12000	1	RMS	11899.989	-48.95	-25	Pass	9000
12000 30-	26500	1	RMS	26453.997	-25.64	-25	Pass	14500
20- 10- 0- -10- (\(\mathbb{W}\) 20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.009	2300 3000	7500		iency(MHz)	17500 20	J000 22	500	20300



1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

0.009 0.15 0.15 30 30 1000 1000 2490 2490 2580 2580 3000 3000 12000 12000 26500	0.001 0.01 0.1 1 1 1 1	RMS RMS RMS RMS RMS RMS RMS RMS RMS	0.01 0.15 904.39 2487.999 2504.7 2666.8 11901.989 26452.997	-53.53 -52.14 -59.17 -46.92 21.12 -47.32 -48.98 -25.66	-25 -25 -25 -25 60 -25 -25 -25	Pass Pass Pass Pass Pass Pass Pass Pass	601 2985 9700 1490 601 601 9000 14500
30 1000 1000 2490 2490 2580 2580 3000 3000 12000 12000 26500 30- 20- 10- 0- -10- 0- -40-	0.1 1 1 1	RMS RMS RMS RMS RMS	904.39 2487.999 2504.7 2666.8 11901.989	-59.17 -46.92 21.12 -47.32 -48.98	-25 -25 60 -25 -25	Pass Pass Pass Pass Pass	9700 1490 601 601 9000
1000 2490 2490 2580 2580 3000 3000 12000 12000 26500 30- 20- 10- 010- 040-	1 1 1	RMS RMS RMS	2487.999 2504.7 2666.8 11901.989	-46.92 21.12 -47.32 -48.98	-25 60 -25 -25	Pass Pass Pass Pass	1490 601 601 9000
2490 2580 2580 3000 3000 12000 12000 26500 30- 20- 10- 0- -10- 0- -40-	1 1	RMS RMS RMS	2504.7 2666.8 11901.989	21.12 -47.32 -48.98	60 -25 -25	Pass Pass Pass	601 601 9000
2580 3000 3000 12000 12000 26500 30- 20- 10- 0- -10- Egg -20- 30- 40-	1	RMS RMS	2666.8 11901.989	-47.32 -48.98	-25 -25	Pass Pass	601 9000
3000 12000 12000 26500 30- 20- 10- 0- -10- -20- 30- -40-	1	RMS	11901.989	-48.98	-25	Pass	9000
12000 26500 30- 20- 10- 0- -10- (Eg) -20- -40-							
30- 20- 10- 0- -10- (\hat{\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	1	RMS	26452.997	-25.66	-25	Pass	14500
20- 10- 0- -10- (Mg -20- -30- -40-							
-50- -60- -70- -80- 0.009 2500 5000	~~~~			***************************************	0000 22	500	26500



1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

0.009 0.15 30 1000 2490 2580 3000 12000 30- 20- 10- 010-	0.15 30 1000 2490 2580 3000 12000 26500	0.001 0.01 0.1 1 1 1	RMS RMS RMS RMS RMS RMS	0.011 0.15 920.292 2485.997 2500.35	-54.77 -52.1 -59.2 -46.91 20.39	-25 -25 -25 -25	Pass Pass Pass	601 2985 9700
30 1000 2490 2580 3000 12000 30- 20- 10- 0- -10-	1000 2490 2580 3000 12000	0.1 1 1 1 1	RMS RMS RMS	920.292 2485.997 2500.35	-59.2 -46.91	-25 -25	Pass	
1000 2490 2580 3000 12000 30- 20- 10- 0- -10-	2490 2580 3000 12000	1 1 1 1	RMS RMS	2485.997 2500.35	-46.91	-25		9700
2490 2580 3000 12000 30- 20- 10- 0-	2580 3000 12000	1 1 1	RMS	2500.35			Pass	
2580 3000 12000 30- 20- 10- 0- -10-	3000 12000	1			20.39			1490
3000 12000 30- 20- 10- 0- -10-	12000	1	RMS	2000		60	Pass	601
12000 30- 20- 10- 0- -10-				2666.8	-47.31	-25	Pass	601
30- 20- 10- 0- -10-	26500		RMS	11899.989	-48.97	-25	Pass	9000
20- 10- 0- -10-		1	RMS	26450.997	-25.7	-25	Pass	14500
-40- -50- -60- -70- -80- 0.009 2	2500 5000	7500		500 15000 iency(MHz)	17500 20	0000 22	500	26500



1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)



1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequei (MHz	ncy	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	-25	Pass	601
	0.15	30	0.01	RMS	0.15	-53.05	-25	Pass	2985
	30	1000	0.1	RMS	896.389	-59.15	-25	Pass	9700
	1000	2490	1	RMS	2431.961	-47.05	-25	Pass	1490
2	2490	2580	1	RMS	2532.75	21.35	60	Pass	601
2	2580	3000	1	RMS	2668.2	-47.45	-25	Pass	601
	3000	12000	1	RMS	11899.989	-49.06	-25	Pass	9000
20- 10- 0- -10- (mg/g) -30- -30- -40- -50- -60- -70- -80-			~~~	~~~~					
0.0	009	2000	40	00	6000	8000	100	00	12000

Frequency(MHz)



1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:21100, 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	-54.56	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.5	-25	Pass	2985
30	1000	0.1	RMS	889.389	-59.21	-25	Pass	9700
1000	2490	1	RMS	2435.964	-47.08	-25	Pass	1490
2490	2580	1	RMS	2532.9	21.41	60	Pass	601
2580	3000	1	RMS	2666.1	-47.05	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.08	-25	Pass	9000
12000 30-	26500	1	RMS	26454.997	-25.77	-25	Pass	14500
20- 10- 0- -10- (Egp) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 lency(MHz)	17500 20	0000 22	500	26500



1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:21100, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Start Frequen (MHz)	-	Frequ	op uency Hz)	RBW (MHz)	Detector	Freque (MHz	•	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.	009		0.15	0.001	RMS	0	.009	-54.48	-25	Pass	601
(0.15		30	0.01	RMS		0.15	-52.52	-25	Pass	2985
	30		1000	0.1	RMS	893	.789	-59.14	-25	Pass	9700
1	000		2490	1	RMS	243	0.96	-47.11	-25	Pass	1490
2	490		2580	1	RMS	25	37.1	21.54	60	Pass	601
2	580		3000	1	RMS	26	66.8	-47.05	-25	Pass	601
3	000		12000	1	RMS	11899	.989	-49.06	-25	Pass	9000
12 30-	000		26500	1	RMS	26458	.997	-25.83	-25	Pass	14500
20 10 (mgp) -3040506070		~~	W.A.								Norman
0.0	09	2500	5000	7500		500 150		17500 20	0000 22	500	26500
-70 - -80 -	09	2500	5000	7500		1500 150		17500 20	0000 22	500	265



1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, 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	0.01	-54.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.03	-25	Pass	2985
30	1000	0.1	RMS	880.688	-59.22	-25	Pass	9700
1000	2490	1	RMS	2432.962	-47.01	-25	Pass	1490
2490	2580	1	RMS	2565.45	22.29	60	Pass	601
2580	3000	1	RMS	2668.2	-47.35	-25	Pass	601
3000	12000	1	RMS	11898.989	-49.08	-25	Pass	9000
12000 30-	26500	1	RMS	26452.997	-25.8	-25	Pass	14500
20- 10- 0- -10- (mg/g) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.003	2550 5000	7500		iency(MHz)	2,000 2	2000 22	300	20000



1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

tart uency IHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.35	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.21	-25	Pass	2985
30	1000	0.1	RMS	919.892	-59.13	-25	Pass	9700
1000	2490	1	RMS	2484.997	-46.96	-25	Pass	1490
2490	2580	1	RMS	2569.65	22.3	60	Pass	601
2580	3000	1	RMS	2669.6	-47.37	-25	Pass	601
3000	12000	1	RMS	11896.989	-49.08	-25	Pass	9000
12000	26500	1	RMS	26452.997	-25.81	-25	Pass	14500
0-	2500 5000	7500	10000 12	500 15000	17500 20	2000 22	500	26500
0.009	2500 5000	/500			1/500 20	0000 22	500	26500
	0.009 0.15 30 1000 2490 2580 3000 12000 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0-	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency RBW Detector Frequency (MHz)	uency Hz) Frequency (MHz) RBW (MHz) Detector (MHz) Frequency (MHz) Power (dBm) 0.009 0.15 0.001 RMS 0.01 -53.35 0.15 30 0.01 RMS 0.15 -52.21 30 1000 0.1 RMS 919.892 -59.13 1000 2490 1 RMS 2484.997 -46.96 2490 2580 1 RMS 2569.65 22.3 2580 3000 1 RMS 2669.6 -47.37 3000 12000 1 RMS 11896.989 -49.08 12000 26500 1 RMS 26452.997 -25.81 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	tuency Hz) Frequency (MHz) RBW (MHz) Detector (MHz) Frequency (MHz) Power (dBm) Limit (dBm) 0.009 0.15 0.001 RMS 0.01 -53.35 -25 0.15 30 0.01 RMS 0.15 -52.21 -25 30 1000 0.1 RMS 919.892 -59.13 -25 1000 2490 1 RMS 2484.997 -46.96 -25 2490 2580 1 RMS 2569.65 22.3 60 2580 3000 1 RMS 2669.6 -47.37 -25 3000 12000 1 RMS 11896.989 -49.08 -25 12000 26500 1 RMS 26452.997 -25.81 -25 0- <td> Section Frequency Hz Detector Frequency Hz Detector Hz Detec</td>	Section Frequency Hz Detector Frequency Hz Detector Hz Detec



1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:21425, 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	-54.36	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.76	-25	Pass	2985
30	1000	0.1	RMS	1000	-59.3	-25	Pass	9700
1000	2490	1	RMS	2427.958	-46.95	-25	Pass	1490
2490	2580	1	RMS	2565.3	21.41	60	Pass	601
2580	3000	1	RMS	2691.3	-47.37	-25	Pass	601
3000	12000	1	RMS	11896.989	-49.08	-25	Pass	9000
12000 30-	26500	1	RMS	26448.996	-25.81	-25	Pass	14500
20- 10- 0- -10- (Mg -20- -30- -40- -50- -60- -70- -80-	**************************************				**\			A
0.009	2500 5000	7500		!500 15000 iency(MHz)	17500 20	0000 22	500	26500



1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:21425, 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	-54.06	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.08	-25	Pass	2985
30	1000	0.1	RMS	897.889	-59.18	-25	Pass	9700
1000	1000 2490		RMS	2432.962	-47	-25	Pass	1490
2490	2580	1	RMS	2569.65	21.29	60	Pass	601
2580	3000	1	RMS	2694.1	-47.4	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.11	-25	Pass	9000
12000	26500	1	RMS	26459.997	-25.85	-25	Pass	14500
20- 10- 0- -10- (Eqp) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 Jency(MHz)	17500 20	0000 22	500	26500



1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, 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	0.011	-54.9	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.97	-25	Pass	2985
30	1000	0.1	RMS	911.791	-59.27	-25	Pass	9700
1000	2490	1	RMS	2482.995	-42.72	-25	Pass	1490
2490	2580	1	RMS	2500.65	22.15	60	Pass	601
2580	3000	1	RMS	2668.9	-47.36	-25	Pass	601
3000	12000	1	RMS	11900.989	-49.04	-25	Pass	9000
12000 30-	26500	1	RMS	26452.997	-25.83	-25	Pass	14500
20- 10- 0- -10- (mgp) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
				iency(MHz)				



1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, 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	0.011	-54.36	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.55	-25	Pass	2985
30	1000	0.1	RMS	906.69	-59.29	-25	Pass	9700
1000	2490	1	RMS	2490	-46.84	-25	Pass	1490
2490	2580	1	RMS	2509.35	22.23	60	Pass	601
2580	3000	1	RMS	2668.2	-47.38	-25	Pass	601
3000	12000	1	RMS	11898.989	-49.03	-25	Pass	9000
12000 30-	26500	1	RMS	26453.997	-25.88	-25	Pass	14500
20- 10- 0- -10- (mg/p) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.003	2300 3000	, 500		iency(MHz)	2,000 20			20000



1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20800, 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	-54.11	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.22	-25	Pass	2985
30	1000	0.1	RMS	956.396	-59.24	-25	Pass	9700
1000	2490	1	RMS	2482.995	-43.16	-25	Pass	1490
2490	2580	1	RMS	2500.65	21.47	60	Pass	601
2580	3000	1	RMS	2667.5	-47.37	-25	Pass	601
3000	12000	1	RMS	11898.989	-49.1	-25	Pass	9000
12000 30-	26500	1	RMS	26456.997	-25.84	-25	Pass	14500
20- 10- 0- -10- (\overline{\text{WBP}}\) -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 ency(MHz)	17500 20	0000 22	500	26500



1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20800, 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	-54.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.17	-25	Pass	2985
30	1000	0.1	RMS	898.99	-59.33	-25	Pass	9700
1000	2490	1	RMS	2490	-46.96	-25	Pass	1490
2490	2580	1	RMS	2509.35	21.27	60	Pass	601
2580	3000	1	RMS	2670.3	-47.4	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.11	-25	Pass	9000
12000 30-	26500	1	RMS	26452.997	-25.86	-25	Pass	14500
20- 10- 0- -10- (<u>WB</u>) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 Jency(MHz)	17500 20	0000 22	500	26500



1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, 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	0.01	-54.2	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.41	-25	Pass	2985
30	1000	0.1	RMS	930.793	-59.35	-25	Pass	9700
1000	2490	1	RMS	2435.964	-47.05	-25	Pass	1490
2490	2580	1	RMS	2530.65	21.51	60	Pass	601
2580	3000	1	RMS	2669.6	-47.41	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.08	-25	Pass	9000
12000 30-	26500	1	RMS	26455.997	-25.85	-25	Pass	14500
20- 10- 0- -10- (\text{\text{WBP}}\) -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 ency(MHz)	17500 20	0000 22	500	26500



1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, 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	-53.8	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.69	-25	Pass	2985
30	1000	0.1	RMS	961.696	-59.19	-25	Pass	9700
2490	2580	1	RMS	2539.35	22.45	60	Pass	601
2580	3000	1	RMS	2670.3	-47.42	-25	Pass	601
3000	12000	1	RMS	11900.989	-49.08	-25	Pass	9000
12000	26500	1	RMS	26452.997	-25.87	-25	Pass	14500
20- 10- 0- -10- (Rg) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 Bency(MHz)	17500 20	0000 22	500	26500



1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:21100, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Fred	Start quency 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	-54.65	-25	Pass	601
	0.15	30	0.01	RMS	0.15	-52.09	-25	Pass	2985
	30	1000	0.1	RMS	898.89	-59.24	-25	Pass	9700
	1000	2490	1	RMS	2434.963	-47.03	-25	Pass	1490
	2490	2580	1	RMS	2530.65	20.63	60	Pass	601
	2580	3000	1	RMS	2688.5	-47.4	-25	Pass	601
	3000	12000	1	RMS	11899.989	-49.08	-25	Pass	9000
	12000	26500	1	RMS	26452.997	-25.9	-25	Pass	14500
Level(dBm)	20- 10- 0- 10- 20- 30- 40- 50- 60- 70- 80- 0.009	2500 5000	7500			17500 20	0000 22	500	26500
				Frequ	iency(MHz)				



1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:21100, 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	0.012	-54	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.32	-25	Pass	2985
30	1000	0.1	RMS	904.29	-59.34	-25	Pass	9700
1000	2490	1	RMS	2431.961	-47.05	-25	Pass	1490
2490	2580	1	RMS	2539.35	21.5	60	Pass	601
2580	3000	1	RMS	2694.1	-47.4	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.05	-25	Pass	9000
12000 30-	26500	1	RMS	26459.997	-25.85	-25	Pass	14500
20- 10- 0- -10- (<u>wg</u>) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 ency(MHz)	17500 20	0000 22	500	26500



1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, 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	-54.09	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.11	-25	Pass	2985
30	1000	0.1	RMS	885.488	-59.28	-25	Pass	9700
1000	2490	1	RMS	2432.962	-47.02	-25	Pass	1490
2490	2580	1	RMS	2569.35	22.36	60	Pass	601
2580	3000	1	RMS	2587	-41.61	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.09	-25	Pass	9000
12000 30-	26500	1	RMS	26456.997	-25.91	-25	Pass	14500
20- 10- 0- -10- (mg/p) -30- -30- -40- -50- -60- -70- -80-		7500	40000 40					~~~
0.009	2500 5000	7500		!500 15000 iency(MHz)	17500 20	0000 22	500	26500



1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:21400, 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	-54.27	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.76	-25	Pass	2985
30	1000	0.1	RMS	890.389	-59.25	-25	Pass	9700
1000	2490	1	RMS	2435.964	-47.08	-25	Pass	1490
2490	2580	1	RMS	2560.65	20.57	60	Pass	601
2580	3000	1	RMS	2694.8	-47.02	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.03	-25	Pass	9000
12000 30-	26500	1	RMS	26454.997	-25.91	-25	Pass	14500
20- 10- 0- -10- (mgp) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 Jency(MHz)	17500 20	0000 22	500	26500



1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:21400, 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	0.011	-53.53	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.49	-25	Pass	2985
30	1000	0.1	RMS	883.588	-59.18	-25	Pass	9700
1000	2490	1	RMS	2487.999	-47	-25	Pass	1490
2490	2580	1	RMS	2569.35	21.29	60	Pass	601
2580	3000	1	RMS	2587	-43.28	-25	Pass	601
3000	12000	1	RMS	11896.989	-49.14	-25	Pass	9000
12000 30-	26500	1	RMS	26451.997	-25.9	-25	Pass	14500
20- 10- 0- -10- (\text{\text{\$W}}\text{\$-20-}\text{\$-20-}\text{\$-30-}\text{\$-40-}\text{\$-50-}\text{\$-60-}\text{\$-70-}\text{\$-80-}\text{\$-0.009}	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500

Frequency(MHz)



1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, 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	0.01	-53.77	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.67	-25	Pass	2985
30	1000	0.1	RMS	989.399	-59.23	-25	Pass	9700
1000	2490	1	RMS	2487.999	-46.21	-25	Pass	1490
2490	2580	1	RMS	2500.8	22.5	60	Pass	601
2580	3000	1	RMS	2668.2	-46.95	-25	Pass	601
3000		1	RMS	11899.989	-49.1	-25	Pass	9000
12000 30-	26500	1	RMS	26453.997	-25.82	-25	Pass	14500
20- 10- 0- -10- (Mgp) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	500 15000	17500 20	0000 22	500	26500
0.003	2300 3000	7500		iency(MHz)	17500 20	7000 22	300	20300



1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

0.009 0.15 30 1000 2490 2580 3000 12000 30- 20- 10- 0-	(MHz)	(MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
30 1000 2490 2580 3000 12000 30- 20- 10- 0-	0.15	0.001	RMS	0.011	-54.19	-25	Pass	601
1000 2490 2580 3000 12000 30- 20- 10- 0-	30	0.01	RMS	0.15	-52.59	-25	Pass	2985
2490 2580 3000 12000 30- 20- 10- 0-	1000	0.1	RMS	905.79	-59.43	-25	Pass	9700
2580 3000 12000 30- 20- 10- 0-	2490	1	RMS	2487.999	-34.71	-25	Pass	1490
3000 12000 30- 20- 10- 0-	2580	1	RMS	2514.15	21.89	60	Pass	601
12000 30- 20- 10- 0-	3000	1	RMS	2669.6	-46.98	-25	Pass	601
30- 20- 10- 0-	12000	1	RMS	11899.989	-49.09	-25	Pass	9000
20- 10- 0-	26500	1	RMS	26451.997	-25.87	-25	Pass	14500
-10- (Egp -20- -30- -40- -50- -60- -70- -80- 0.009 2	2500 5000	7500		500 15000 lency(MHz)	17500 20	0000 22	500	26500



1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20825, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)



1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20825, 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	0.01	-54.38	-25	Pass	601
0.19	5 30	0.01	RMS	0.15	-52.39	-25	Pass	2985
30	1000	0.1	RMS	888.288	-59.33	-25	Pass	9700
1000	2490	1	RMS	2487.999	-34.33	-25	Pass	1490
2490	2580	1	RMS	2514.15	21.21	60	Pass	601
2580	3000	1	RMS	2668.9	-47.13	-25	Pass	601
3000	12000	1	RMS	11900.989	-49.15	-25	Pass	9000
12000	26500	1	RMS	26450.997	-25.99	-25	Pass	14500
20- 10- 0- -10- (Mg -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
			Frequ	iency(MHz)				



1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, 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	-53.82	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.31	-25	Pass	2985
30	1000	0.1	RMS	883.988	-59.4	-25	Pass	9700
1000	2490	1	RMS	2425.957	-47.11	-25	Pass	1490
2490	2580	1	RMS	2528.4	21.38	60	Pass	601
2580	3000	1	RMS	2669.6	-47.13	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.14	-25	Pass	9000
12000 30-	26500	1	RMS	26462.997	-25.97	-25	Pass	14500
20- 10- 0- -10- (Mg -20- -30- -40- -50- -60- -70- -80-								~
0.009	2500 5000	7500		1500 15000 iency(MHz)	17500 20	0000 22	500	26500



1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Frequ	art uency Hz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
	0.009	0.15	0.001	RMS	0.012	-54.5	-25	Pass	601
	0.15	30	0.01	RMS	0.15	-52.37	-25	Pass	2985
	30	1000	0.1	RMS	898.49	-59.33	-25	Pass	9700
	1000	2490	1	RMS	2487.999	-47.16	-25	Pass	1490
	2490	2580	1	RMS	2541.6	22.39	60	Pass	601
	2580	3000	1	RMS	2668.9	-47.13	-25	Pass	601
	3000	12000	1	RMS	11900.989	-49.13	-25	Pass	9000
-1 (mg/g) -3 -4 -5 -6 -7 -8	0- 0- 0- 0- 0-	2000	40		6000	8000	100	00	12000
				Frequ	iency(MHz)				



1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:21100, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

Sta Frequ (MI	iency	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
	0.009	0.15	0.001	RMS	0.009	-53.77	-25	Pass	601
	0.15	30	0.01	RMS	0.15	-52.77	-25	Pass	2985
	30	1000	0.1	RMS	905.19	-59.34	-25	Pass	9700
	1000	2490	1	RMS	2428.959	-47.13	-25	Pass	1490
	2490	2580	1	RMS	2528.4	20.58	60	Pass	601
	2580	3000	1	RMS	2692	-47.12	-25	Pass	601
	3000	12000	1	RMS	11898.989	-49.2	-25	Pass	9000
30	12000	26500	1	RMS	26451.997	-25.97	-25	Pass	14500
-10 (agh) -30 -40 -50 -60 -70		2500 5000	7500		2500 15000	17500 20	0000 22	500	26500
				Frequ	iency(MHz)				



1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:21100, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Start Frequer (MHz	ncy	Stop Frequenc (MHz)	у	RBW (MHz)	Detector	Frequer (MHz)	•	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0	.009	0.	15	0.001	RMS	0.	009	-54.47	-25	Pass	601
	0.15		30	0.01	RMS	().15	-52.2	-25	Pass	2985
	30	10	00	0.1	RMS	925.	092	-59.42	-25	Pass	9700
,	1000	24	90	1	RMS	2487.	999	-47.14	-25	Pass	1490
2	2490	25	80	1	RMS	254	11.6	21.53	60	Pass	601
2	2580	30	00	1	RMS	266	8.9	-47.13	-25	Pass	601
3	3000	120	00	1	RMS	11896.	989	-49.17	-25	Pass	9000
12 30-	2000	265	00	1	RMS	26451.	997	-25.95	-25	Pass	14500
20- 10- 0- -10- -30- -40- -50- -70- -80- 0.0	•	2500 500	,	7500	10000 12	2500 150	00	17500 20	0000 22	500	26500
0.0		2300 300		, 500		iency(MH		27500 20	2000 22	500	20300



1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Star Freque (MHz	ncy	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
(0.009	0.15	0.001	RMS	0.009	-53.67	-25	Pass	601
	0.15	30	0.01	RMS	0.15	-52.29	-25	Pass	2985
	30	1000	0.1	RMS	883.088	-59.3	-25	Pass	9700
	1000	2490	1	RMS	2488.999	-47.18	-25	Pass	1490
	2490	2580	1	RMS	2555.85	21.33	60	Pass	601
	2580	3000	1	RMS	2582.8	-31.34	-25	Pass	601
	3000	12000	1	RMS	11899.989	-49.17	-25	Pass	9000
30-	2000	26500	1	RMS	26454.997	-25.94	-25	Pass	14500
20- 10- 010- (Mg -20304050607080- 0.0	_	2500 5000	7500			17500 20	0000 22	500	26500
				Frequ	iency(MHz)				



1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, 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	-54.02	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.15	-25	Pass	2985
30	1000	0.1	RMS	914.491	-59.38	-25	Pass	9700
1000	2490	1	RMS	2487.999	-47.14	-25	Pass	1490
2490	2580	1	RMS	2569.2	22.32	60	Pass	601
2580	3000	1	RMS	2596.1	-46.75	-25	Pass	601
3000	12000	1	RMS	11900.989	-49.18	-25	Pass	9000
12000 30 -	26500	1	RMS	26451.997	-25.97	-25	Pass	14500
20- 10- 0- -10- (mg/qgm) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.000	2300 0000	, , , , ,		iency(MHz)	2.000 20	22		



1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:21375, 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	-53.33	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.61	-25	Pass	2985
30	1000	0.1	RMS	887.688	-59.32	-25	Pass	9700
1000	2490	1	RMS	2484.997	-47.16	-25	Pass	1490
2490	2580	1	RMS	2555.85	20.64	60	Pass	601
2580	3000	1	RMS	2582.8	-32.4	-25	Pass	601
3000	12000	1	RMS	11895.988	-49.22	-25	Pass	9000
12000 30-	26500	1	RMS	26455.997	-25.98	-25	Pass	14500
20- 10- 0- -10- (\(\mathbb{R}\)\(\mathbb{P}\)\(\mathbb{P}\)\(-20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		500 15000 lency(MHz)	17500 20	0000 22	500	26500



1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:21375, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

Star Freque (MH	ency	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
	0.009	0.15	0.001	RMS	0.009	-54.31	-25	Pass	601
	0.15	30	0.01	RMS	0.16	-52.85	-25	Pass	2985
	30	1000	0.1	RMS	920.292	-59.29	-25	Pass	9700
	1000	2490	1	RMS	2433.962	-47.18	-25	Pass	1490
	2490	2580	1	RMS	2569.2	21.25	60	Pass	601
	2580	3000	1	RMS	2596.1	-47.06	-25	Pass	601
	3000	12000	1	RMS	11897.989	-49.19	-25	Pass	9000
30	12000	26500	1	RMS	26450.997	-25.97	-25	Pass	14500
20 10 0 -10 -20 -30 -40 -50 -60 -70		2500 5000	7500	10000 13	2500 15000	17500 20	2000 22	500	26500
0.	.009	2500 5000	7500		2500 15000 uency(MHz)	17500 20	0000 22	500	26500



1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, 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	0.009	-54.58	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.1	-25	Pass	2985
30	1000	0.1	RMS	903.89	-59.46	-25	Pass	9700
1000	2490	1	RMS	2482.995	-45.73	-25	Pass	1490
2490	2580	1	RMS	2501.1	22.42	60	Pass	601
2580	3000	1	RMS	2667.5	-47.12	-25	Pass	601
3000	12000	1	RMS	11900.989	-49.14	-25	Pass	9000
12000	26500	1	RMS	26450.997	-25.99	-25	Pass	14500
20- 10- 0- -10- (mg/g) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.003	2300 3000	7500		iency(MHz)	17500 20	7000 22	500	20300



1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Freq	tart uency IHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
	0.009	0.15	0.001	RMS	0.01	-53.71	-25	Pass	601
	0.15	30	0.01	RMS	0.15	-52.73	-25	Pass	2985
	30	1000	0.1	RMS	933.193	-59.35	-25	Pass	9700
	1000	2490	1	RMS	2482.995	-36.63	-25	Pass	1490
	2490	2580	1	RMS	2518.95	21.06	60	Pass	601
	2580	3000	1	RMS	2668.9	-47.11	-25	Pass	601
	3000	12000	1	RMS	11897.989	-49.14	-25	Pass	9000
	12000	26500	1	RMS	26450.997	-25.99	-25	Pass	14500
-1 -2 -3 -4 -5 -6 -7	00- 00- 00- 00-	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
	0.009	2500 5000	7500		2500 15000 Jency(MHz)	17500 20	0000 22	500	



1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20850, 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	-53.96	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.24	-25	Pass	2985
30	1000	0.1	RMS	900.59	-59.26	-25	Pass	9700
1000	2490	1	RMS	2482.995	-46.01	-25	Pass	1490
2490	2580	1	RMS	2501.1	21.52	60	Pass	601
2580	3000	1	RMS	2694.8	-47.12	-25	Pass	601
3000	12000	1	RMS	11897.989	-49.21	-25	Pass	9000
12000 30-	26500	1	RMS	26446.996	-25.97	-25	Pass	14500
20- 10- 0- -10- (\(\begin{align*} \text{P} \\ \text{P}	2500 5000	7500			17500 20	0000 22	500	26500
			Frequ	iency(MHz)				



1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20850, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

tart uency IHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	y Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.0	-54.12	-25	Pass	601
0.15	30	0.01	RMS	0.1	5 -52.17	-25	Pass	2985
30	1000	0.1	RMS	886.48	38 -59.29	-25	Pass	9700
1000	2490	1	RMS	2482.99	95 -37.12	-25	Pass	1490
2490	2580	1	RMS	2518.9	20.62	60	Pass	601
2580	3000	1	RMS	2690.	.6 -47.16	-25	Pass	601
3000	12000	1	RMS		_	-25	Pass	9000
	26500	1	RMS	26459.99	-25.99	-25	Pass	14500
0-	2500 5000	7500	10000 12	500 15000	17500 2	0000 22	500	26500
0.009	2500 5000	/500				0000 22	500	20000
	uency Hz) 0.009 0.15 30 1000 2490 2580 3000 12000 0 -	Frequency (MHz)	Tequency (MHz)	uency (Hz) Frequency (MHz) RBW (MHz) Detector 0.009 0.15 0.001 RMS 0.15 30 0.01 RMS 30 1000 0.1 RMS 1000 2490 1 RMS 2490 2580 1 RMS 3000 12000 1 RMS 12000 26500 1 RMS 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0-	Frequency (MHz)	uency (MHz) Frequency (MHz) RBW (MHz) Detector (MHz) Frequency (MHz) Power (dBm) 0.009 0.15 0.001 RMS 0.01 -54.12 0.15 30 0.01 RMS 0.15 -52.17 30 1000 0.1 RMS 886.488 -59.29 1000 2490 1 RMS 2482.995 -37.12 2490 2580 1 RMS 2518.95 20.62 2580 3000 1 RMS 2690.6 -47.16 3000 12000 1 RMS 11899.989 -49.2 12000 26500 1 RMS 26459.997 -25.99 0-	uency (Hz) Frequency (MHz) RBW (MHz) Detector (MHz) Frequency (MHz) Power (dBm) Limit (dBm) 0.009 0.15 0.001 RMS 0.01 -54.12 -25 0.15 30 0.01 RMS 0.15 -52.17 -25 30 1000 0.1 RMS 886.488 -59.29 -25 1000 2490 1 RMS 2482.995 -37.12 -25 2490 2580 1 RMS 2518.95 20.62 60 2580 3000 1 RMS 2690.6 -47.16 -25 3000 12000 1 RMS 11899.989 -49.2 -25 12000 26500 1 RMS 26459.997 -25.99 -25 0- <td>uency (Hz) Frequency (MHz) RBW (MHz) Detector (MHz) Frequency (MHz) Power (dBm) Limit (dBm) Verdict (dBm) 0.009 0.15 0.001 RMS 0.01 -54.12 -25 Pass 0.15 30 0.01 RMS 0.15 -52.17 -25 Pass 30 1000 2490 1 RMS 886.488 -59.29 -25 Pass 1000 2490 1 RMS 2482.995 -37.12 -25 Pass 2490 2580 1 RMS 2518.95 20.62 60 Pass 2580 3000 1 RMS 2690.6 -47.16 -25 Pass 3000 12000 1 RMS 26459.997 -25.99 -25 Pass 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0-</td>	uency (Hz) Frequency (MHz) RBW (MHz) Detector (MHz) Frequency (MHz) Power (dBm) Limit (dBm) Verdict (dBm) 0.009 0.15 0.001 RMS 0.01 -54.12 -25 Pass 0.15 30 0.01 RMS 0.15 -52.17 -25 Pass 30 1000 2490 1 RMS 886.488 -59.29 -25 Pass 1000 2490 1 RMS 2482.995 -37.12 -25 Pass 2490 2580 1 RMS 2518.95 20.62 60 Pass 2580 3000 1 RMS 2690.6 -47.16 -25 Pass 3000 12000 1 RMS 26459.997 -25.99 -25 Pass 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0-



1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, 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	0.01	-54.52	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.18	-25	Pass	2985
30	1000	0.1	RMS	909.691	-59.36	-25	Pass	9700
1000	2490	1	RMS	2490	-42.63	-25	Pass	1490
2490	2580	1	RMS	2526.15	20.98	60	Pass	601
2580	3000	1	RMS	2668.9	-47.14	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.22	-25	Pass	9000
12000 30-	26500	1	RMS	26451.997	-25.97	-25	Pass	14500
20- 10- 0- -10- (\(\mathbb{R}\) 20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.009	2300 3000	7500		iency(MHz)	17500 20	2000 22	300	20300



1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, 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	0.009	-53.61	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.58	-25	Pass	2985
30	1000	0.1	RMS	884.188	-59.19	-25	Pass	9700
1000	2490	1	RMS	2432.962	-47.15	-25	Pass	1490
2490	2580	1	RMS	2543.85	22.42	60	Pass	601
2580	3000	1	RMS	2580	-41.09	-25	Pass	601
3000	12000	1	RMS	11898.989	-49.19	-25	Pass	9000
12000 30-	26500	1	RMS	26456.997	-25.97	-25	Pass	14500
20- 10- 0- -10- (Mg) -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
				iency(MHz)				



1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:21100, 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	-54.41	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.66	-25	Pass	2985
30	1000	0.1	RMS	914.391	-59.4	-25	Pass	9700
2490	2580	1	RMS	2526.15	20.34	60	Pass	601
2580	3000	1	RMS	2668.2	-47.15	-25	Pass	601
3000	12000	1	RMS	11897.989	-49.18	-25	Pass	9000
12000	26500	1	RMS	26455.997	-25.98	-25	Pass	14500
20- 10- 0- -10- (Mg -20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500		2500 15000 Jency(MHz)	17500 20	0000 22	500	26500



1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:21100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

30- 20- 10- 0- -10- E -20- -30- -40- -50- -60- -70-	Start Frequer (MHz)	ncy	Stop Frequen (MHz)	-	RBW (MHz)	Detector	Freque (MHz	_	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
30 1000 0.1 RMS 895.889 -59.32 -25 Pass 1000 2490 1 RMS 2433.962 -47 -25 Pass 2490 2580 1 RMS 2543.85 21.54 60 Pass 2580 3000 1 RMS 2580 -42.93 -25 Pass 3000 12000 1 RMS 11900.989 -49.18 -25 Pass 12000 26500 1 RMS 26451.997 -25.93 -25 Pass 300 -20 -	0	.009	(0.15	0.001	RMS	0	.012	-53.92	-25	Pass	601
1000		0.15		30	0.01	RMS		0.15	-52.6	-25	Pass	2985
2490		30	1	000	0.1	RMS	895	.889	-59.32	-25	Pass	9700
2580 3000 1 RMS 2580 -42.93 -25 Pass 3000 12000 1 RMS 11900.989 -49.18 -25 Pass 12000 26500 1 RMS 26451.997 -25.93 -25 Pass 70 -20 - 10 - 20 - 30 - 40 - 40 - 50 - 60 - 70 - 70 - 70 - 70 - 70 - 70 - 7	1	1000	2	490	1		2433	.962	-47	-25	Pass	1490
3000 12000 1 RMS 11900.989 -49.18 -25 Pass 12000 26500 1 RMS 26451.997 -25.93 -25 Pass 7					1					60		601
12000 26500 1 RMS 26451.997 -25.93 -25 Pass 7					1							601
30- 20- 10- 0- -10- E-20- 30- -40- -50- -60- -70-												9000
20- 10- 0- -10- (Eg) -20- -30- -40- -50- -60- -70-		2000	26	500	1	RMS	26451	.997	-25.93	-25	Pass	14500
	10- 0- -10- -20- -30- -40- -50- -70- -80-	•	2500 50	0000	7500				17500 20	0000 22	500	26500



1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, 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	0.009	-54.59	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.57	-25	Pass	2985
30	1000	0.1	RMS	875.687	-59.36	-25	Pass	9700
1000	2490	1	RMS	2433.962	-46.99	-25	Pass	1490
2490	2580	1	RMS	2551.05	21.87	60	Pass	601
2580	3000	1	RMS	2587	-34.53	-25	Pass	601
3000	12000	1	RMS	11897.989	-49.14	-25	Pass	9000
12000	26500	1	RMS	26458.997	-26.03	-25	Pass	14500
20- 10- 0- -10- (mg/p) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.005	2300 0000	, 500		iency(MHz)	_,,,,,,			20000



1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, 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	0.009	-54.53	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.63	-25	Pass	2985
30	1000	0.1	RMS	904.89	-59.24	-25	Pass	9700
1000	2490	1	RMS	2432.962	-47.03	-25	Pass	1490
2490	2580	1	RMS	2568.9	22.49	60	Pass	601
2580	3000	1	RMS	2587	-42.78	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.06	-25	Pass	9000
12000 30-	26500	1	RMS	26454.997	-25.99	-25	Pass	14500
20- 10- 0- -10- (\bullet \text{QP}) -30- -40- -50- -60- -70- -80-					**\			
0.009	2500 5000	7500		1500 15000 iency(MHz)	17500 20	0000 22	500	26500



1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:21350, 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	-53.79	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.51	-25	Pass	2985
30	1000	0.1	RMS	896.389	-59.39	-25	Pass	9700
1000	2490	1	RMS	2432.962	-47.04	-25	Pass	1490
2490	2580	1	RMS	2551.05	21.17	60	Pass	601
2580	3000	1	RMS	2587	-34.79	-25	Pass	601
3000	12000	1	RMS	11899.989	-49.21	-25	Pass	9000
12000	26500	1	RMS	26452.997	-26.02	-25	Pass	14500
20- 10- 0- -10- (mg/p) -30- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	17500 20	0000 22	500	26500
0.003	2300 3000	7500		iency(MHz)	17500 20	2000 22	500	20300



1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:21350, 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	-53.77	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.75	-25	Pass	2985
30	1000	0.1	RMS	903.89	-59.21	-25	Pass	9700
1000	2490	1	RMS	2430.96	-47.02	-25	Pass	1490
2490	2580	1	RMS	2568.9	21.37	60	Pass	601
2580	3000	1	RMS	2587	-46.34	-25	Pass	601
3000	12000	1	RMS	11900.989	-49.2	-25	Pass	9000
12000 30-	26500	1	RMS	26447.996	-26	-25	Pass	14500
20- 10- 0- -10- (mg)-20- -30- -40- -50- -60- -70- -80- 0.009	2500 5000	7500	10000 12	2500 15000	***************************************	2000 222		~~~
0.009 2500 5000 7500 10000 12500 15000 17500 20000 22500 26500 Frequency(MHz)								



END