

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	-54.31	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.57	-25	Pass	2985
30	1000	0.1	RMS	859.185	-55.87	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.78	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.4	60	Pass	601
2580	3000	1	RMS	2659.1	-40.47	-25	Pass	601
3000	12000	1	RMS	11925.992	-48.84	-25	Pass	9000
12000	26000	1	RMS	25963.997	-30.58	-25	Pass	14000
25- 20- 15- 10- 5- 0- -5- -10- -15- 220- 89- 25- -30- -35- -40- -45- -50- -55- -60- -70- -75- -70- -75- -80- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0	400 6000	3000	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)

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Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.46	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.69	-25	Pass	2985
30	1000	0.1	RMS	997.9	-55.82	-25	Pass	9700
1000	2490	1	RMS	2427.958	-41.79	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.39	60	Pass	601
2580	3000	1	RMS	2659.8	-40.49	-25	Pass	601
3000	12000	1	RMS	11903.989	-48.77	-25	Pass	9000
12000	26000	1	RMS	25946.996	-30.41	-25	Pass	14000
30 - 25 - 20 - 15 - 10 - 5 -								





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	-53.84	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.56	-25	Pass	2985
30	1000	0.1	RMS	970.697	-55.67	-25	Pass	9700
1000	2490	1	RMS	2434.963	-41.82	-25	Pass	1490
2490	2580	1	RMS	2500.35	21.44	60	Pass	601
2580	3000	1	RMS	2659.1	-40.51	-25	Pass	601
3000	12000	1	RMS	11918.991	-48.83	-25	Pass	9000
12000	26000	1	RMS	25947.996	-30.66	-25	Pass	14000
30 - 25 - 20 - 15 - 10 - 5 - 0 - -5 -								





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	0.01	-53.58	-25	Pass	601
0.15	30	0.01	RMS	0.16	-53.14	-25	Pass	2985
30	1000	0.1	RMS	990.999	-56.02	-25	Pass	9700
1000	2490	1	RMS	2454.976	-41.77	-25	Pass	1490
2490	2580	1	RMS	2504.7	21.42	60	Pass	601
2580	3000	1	RMS	2659.8	-40.47	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.79	-25	Pass	9000
12000	26000	1	RMS	25943.996	-30.61	-25	Pass	14000
30- 25-								





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