

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	0.009	-53.57	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.05	-25	Pass	2985
30	1000	0.1	RMS	888.188	-56.11	-25	Pass	9700
1000	2490	1	RMS	2459.98	-42	-25	Pass	1490
2490	2580	1	RMS	2500.35	23.09	60	Pass	601
2580	3000	1	RMS	2659.8	-41.21	-25	Pass	601
3000	12000	1	RMS	10001.778	-47.59	-25	Pass	9000
12000	26000	1	RMS	25948.996	-31.13	-25	Pass	14000
20- 15- 10- 5- 051015- 20203540455055607580-	ML				····		~~~	

Frequency(MHz)



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	-54.63	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.02	-25	Pass	2985
30	1000	0.1	RMS	922.792	-56.17	-25	Pass	9700
1000	2490	1	RMS	2424.956	-42.02	-25	Pass	1490
2490	2580	1	RMS	2504.7	23.07	60	Pass	601
2580	3000	1	RMS	2661.2	-41.21	-25	Pass	601
3000	12000	1	RMS	10018.78	-47.6	-25	Pass	9000
12000	26000	1	RMS	25935.995	-31.17	-25	Pass	14000
30- 25- 20- 15-								





1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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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	0.01	-53.99	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.44	-25	Pass	2985
30	1000	0.1	RMS	990.399	-56.08	-25	Pass	9700
1000	2490	1	RMS	2420.954	-42.06	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.36	60	Pass	601
2580	3000	1	RMS	2659.1	-41.17	-25	Pass	601
3000	12000	1	RMS	10001.778	-47.98	-25	Pass	9000
12000	26000	1	RMS	25944.996	-31.03	-25	Pass	14000
30- 25- 20- 15- 10- 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	-55.05	-25	Pass	601
0.15	30	0.01	RMS	0.15	-53.67	-25	Pass	2985
30	1000	0.1	RMS	910.191	-56.18	-25	Pass	9700
1000	2490	1	RMS	2451.974	-41.59	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.38	60	Pass	601
2580	3000	1	RMS	2661.9	-40.9	-25	Pass	601
3000	12000	1	RMS	10018.78	-47.47	-25	Pass	9000
12000	26000	1	RMS	25960.997	-30.7	-25	Pass	14000
25-								





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