

#### **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	-53.61	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.65	-25	Pass	2985
30	1000	0.1	RMS	900.59	-55.77	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.62	-25	Pass	1490
2490	2580	1	RMS	2500.35	22.88	60	Pass	601
2580	3000	1	RMS	2658.4	-40.68	-25	Pass	601
3000	12000	1	RMS	11920.991	-48.59	-25	Pass	9000
12000	26000	1	RMS	25926.995	-30.23	-25	Pass	14000
20- 15- 10- 5- 051015-  20- 8- 20- 8- 20- 82035404550556065707580- 0.009 2000	400 6000	8000	10000 12000	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	0.012	-54.35	-25	Pass	601
0.15	30	0.01	RMS	0.15	-51.4	-25	Pass	2985
30	1000	0.1	RMS	895.689	-55.88	-25	Pass	9700
1000	2490	1	RMS	2458.979	-41.46	-25	Pass	1490
2490	2580	1	RMS	2504.7	22.89	60	Pass	601
2580	3000	1	RMS	2660.5	-40.7	-25	Pass	601
3000	12000	1	RMS	11911.99	-48.58	-25	Pass	9000
12000	26000	1	RMS	25996	-30.32	-25	Pass	14000
30- 25-								





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

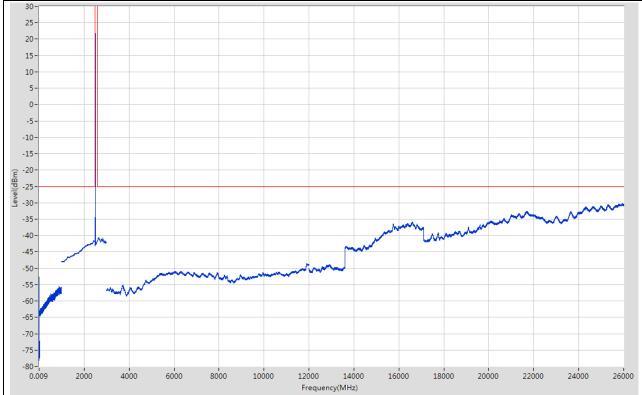
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
0.009	0.15	0.001	RMS	0.009	-52.34	-25	Pass	601
0.15	30	0.01	RMS	0.15	-52.87	-25	Pass	2985
30	1000	0.1	RMS	998.9	-55.69	-25	Pass	9700
1000	2490	1	RMS	2457.979	-41.58	-25	Pass	149
2490	2580	1	RMS	2500.35	21.84	60	Pass	60
2580	3000	1	RMS	2658.4	-40.73	-25	Pass	60
3000	12000	1	RMS	11952.995	-48.58	-25	Pass	900
12000	26000	1	RMS	25970.998	-30.27	-25	Pass	1400
25- 20- 15- 10- 5- 051015- 20- 20- 254045505560657075-	*						^	****

Frequency(MHz)



## 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	0.011	-53.83	-25	Pass	601
0.15	30	0.01	RMS	0.16	-52.64	-25	Pass	2985
30	1000	0.1	RMS	894.889	-55.66	-25	Pass	9700
1000	2490	1	RMS	2420.954	-41.57	-25	Pass	1490
2490	2580	1	RMS	2504.7	21.8	60	Pass	601
2580	3000	1	RMS	2659.8	-40.71	-25	Pass	601
3000	12000	1	RMS	11915.991	-48.58	-25	Pass	9000
12000	26000	1	RMS	25938.996	-30.27	-25	Pass	14000
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