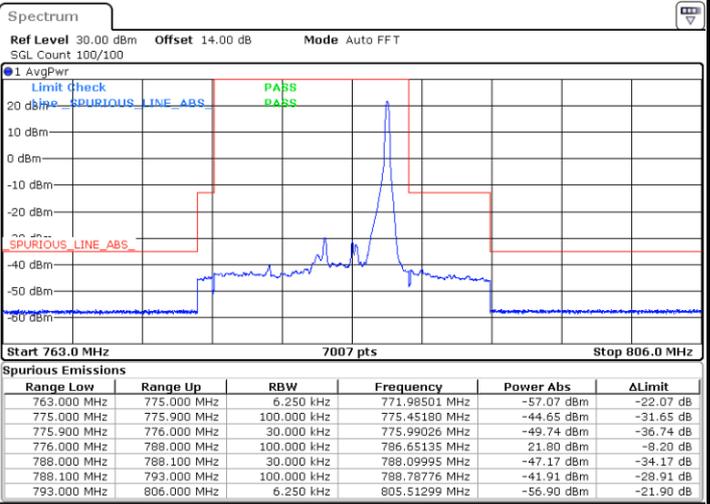
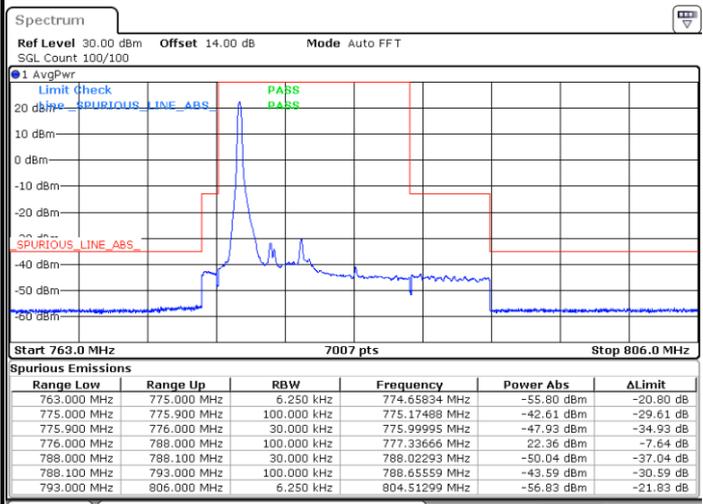




LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

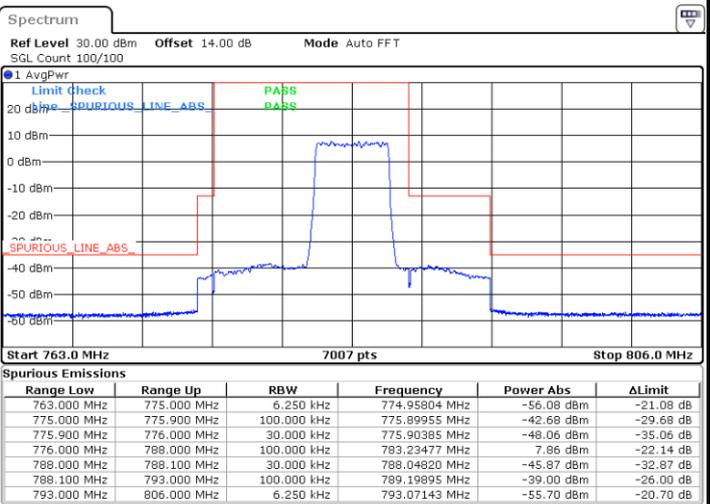
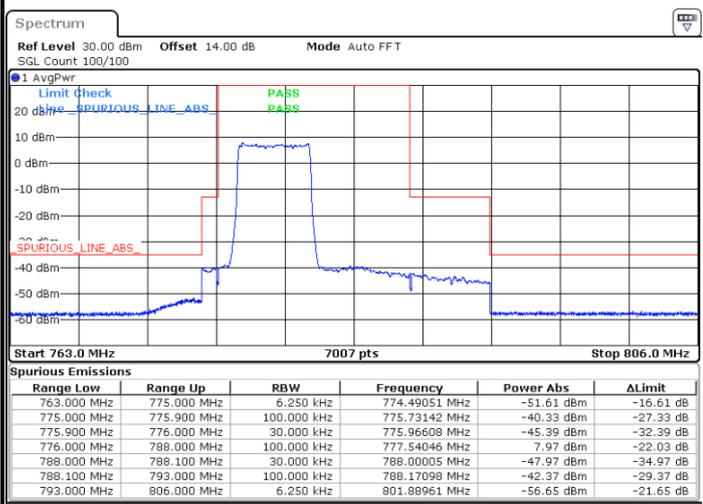


Date: 30 JUN 2025 21:44:41

Date: 30 JUN 2025 21:53:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30 JUN 2025 21:47:28

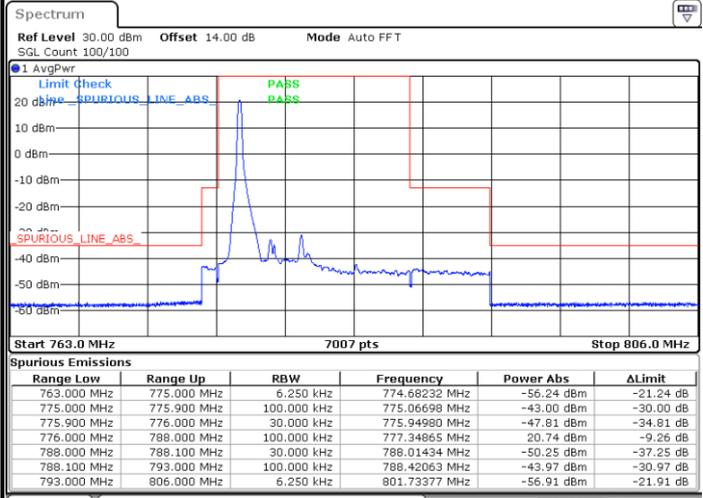
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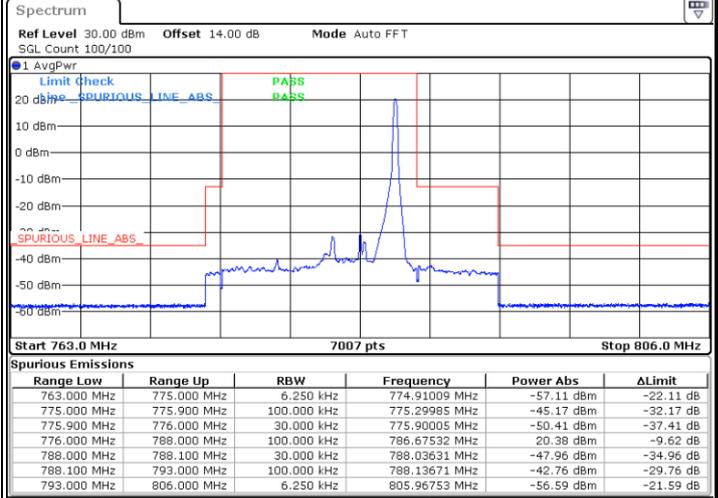
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



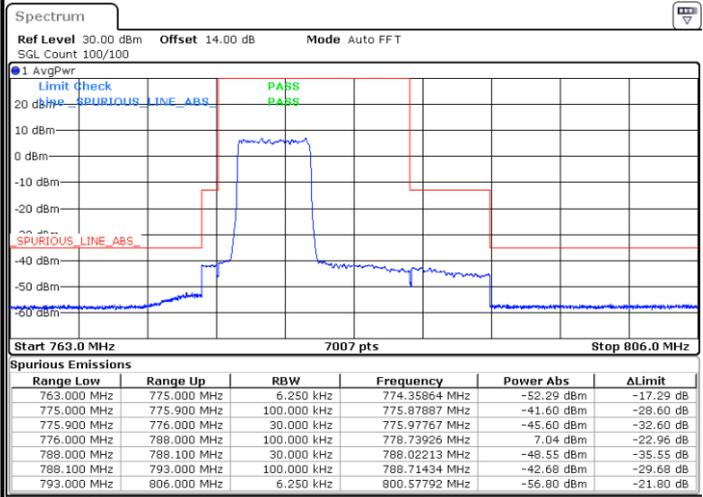
Date: 30 JUN 2025 21:45:37



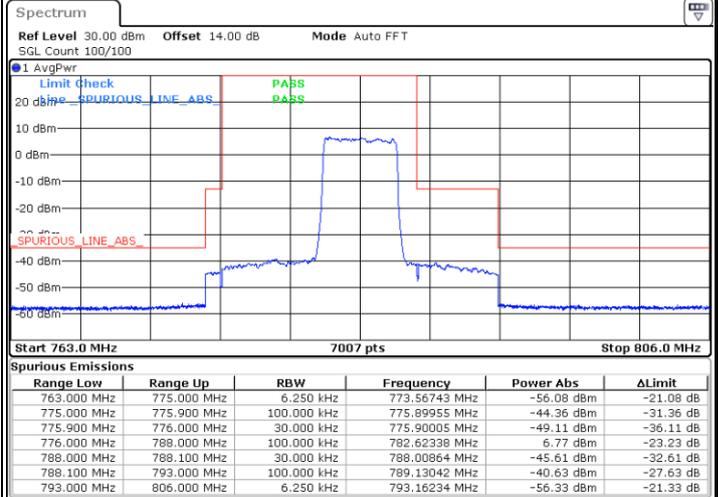
Date: 30 JUN 2025 21:54:46

Lowest Band Edge / Full RB

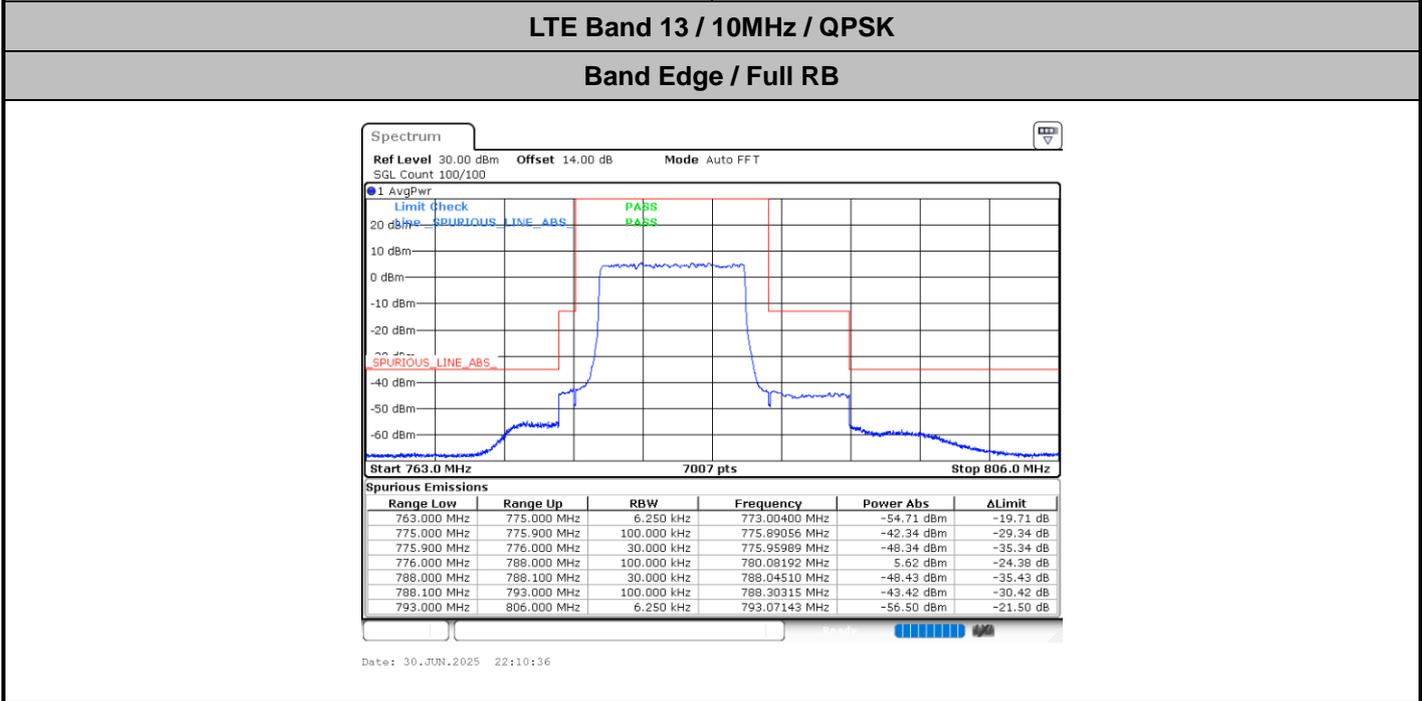
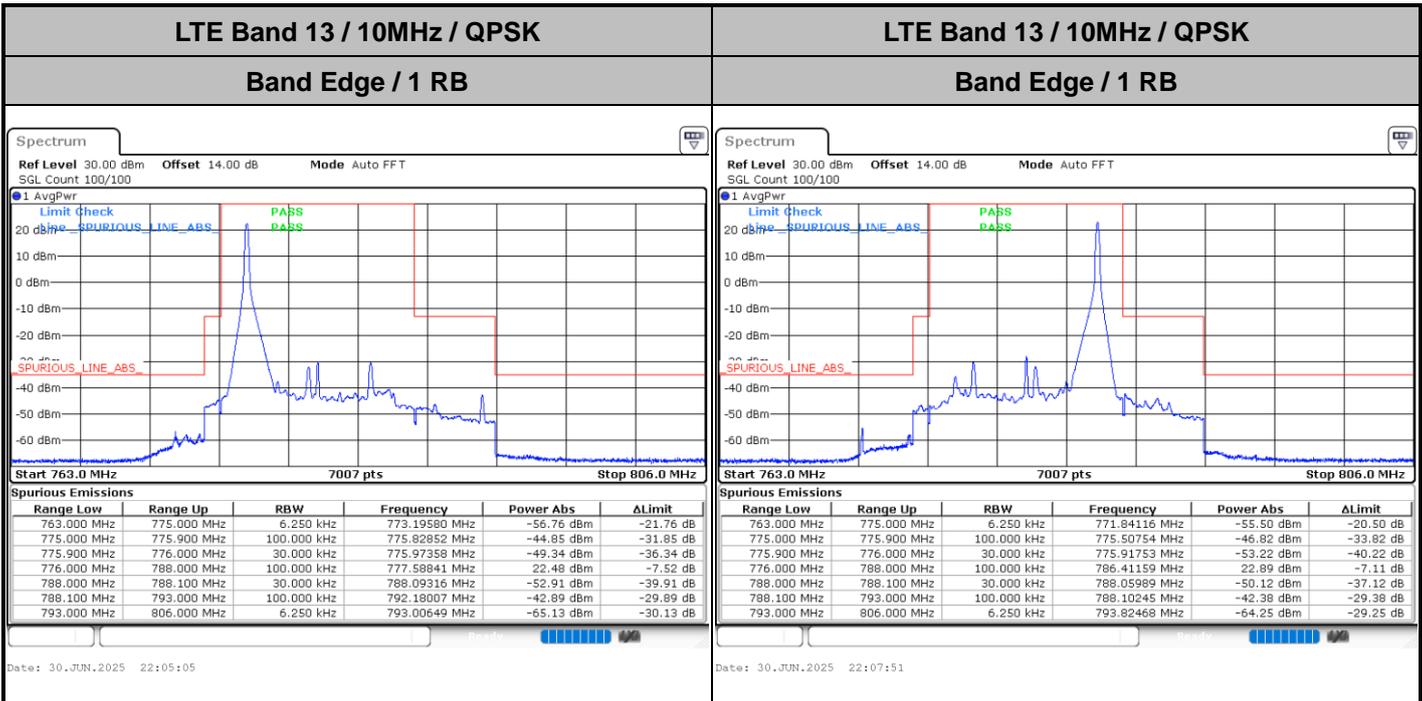
Highest Band Edge / Full RB

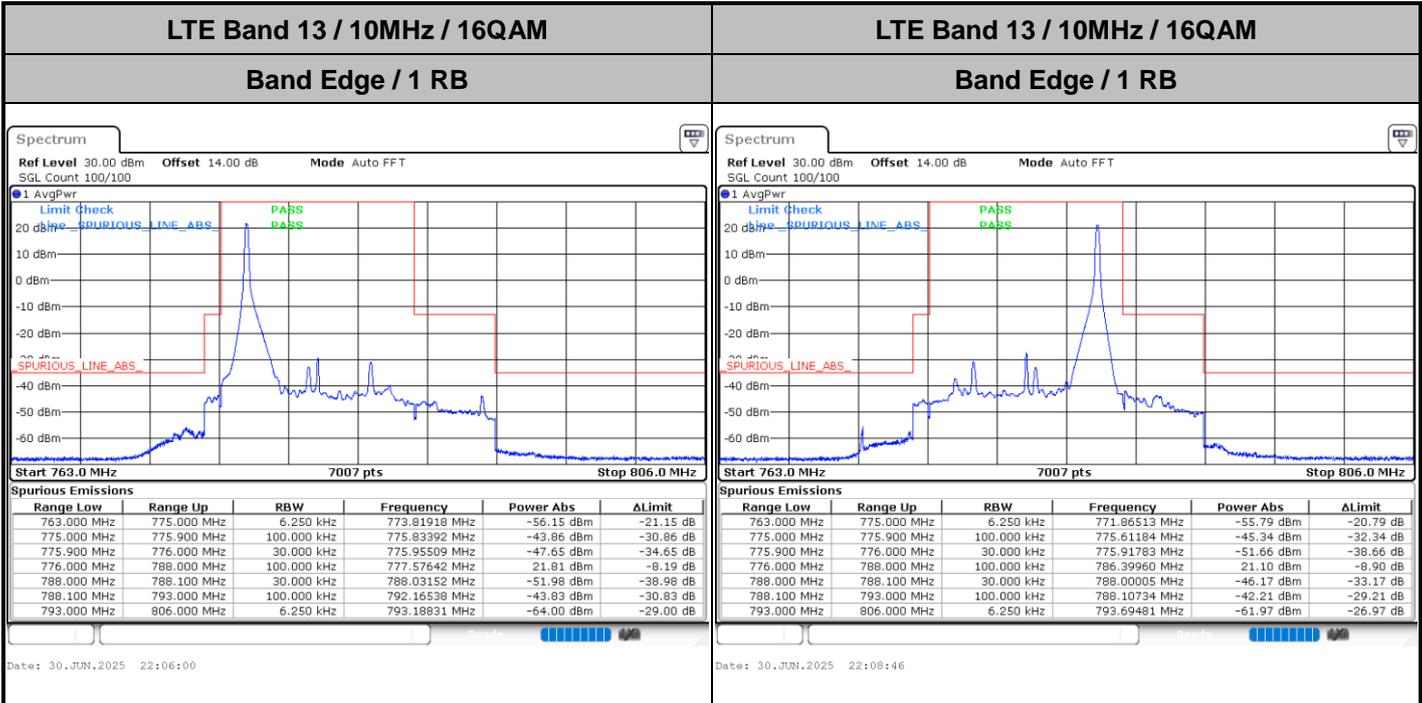


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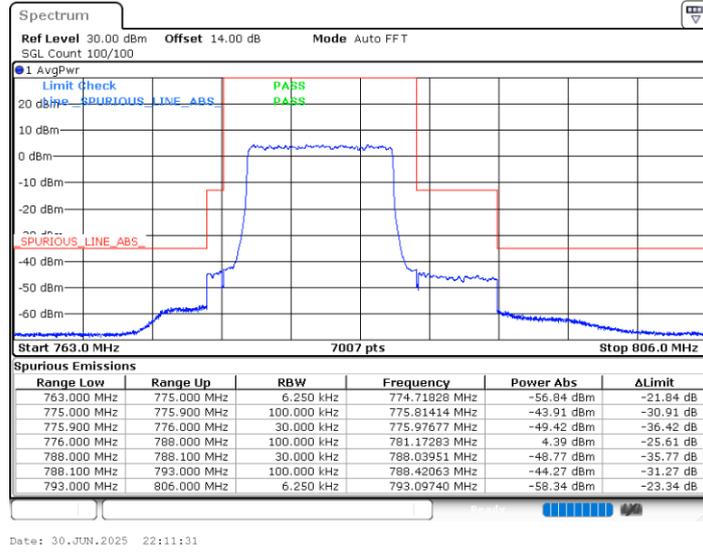
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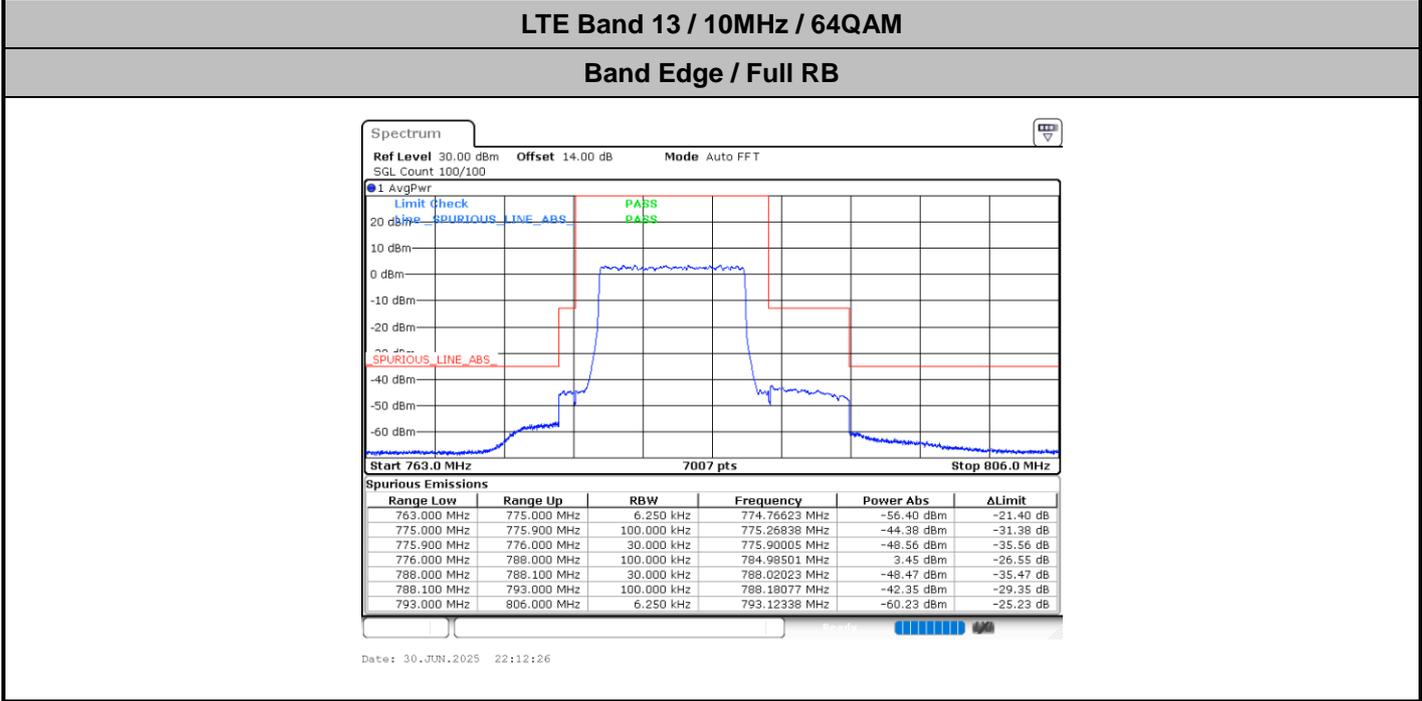
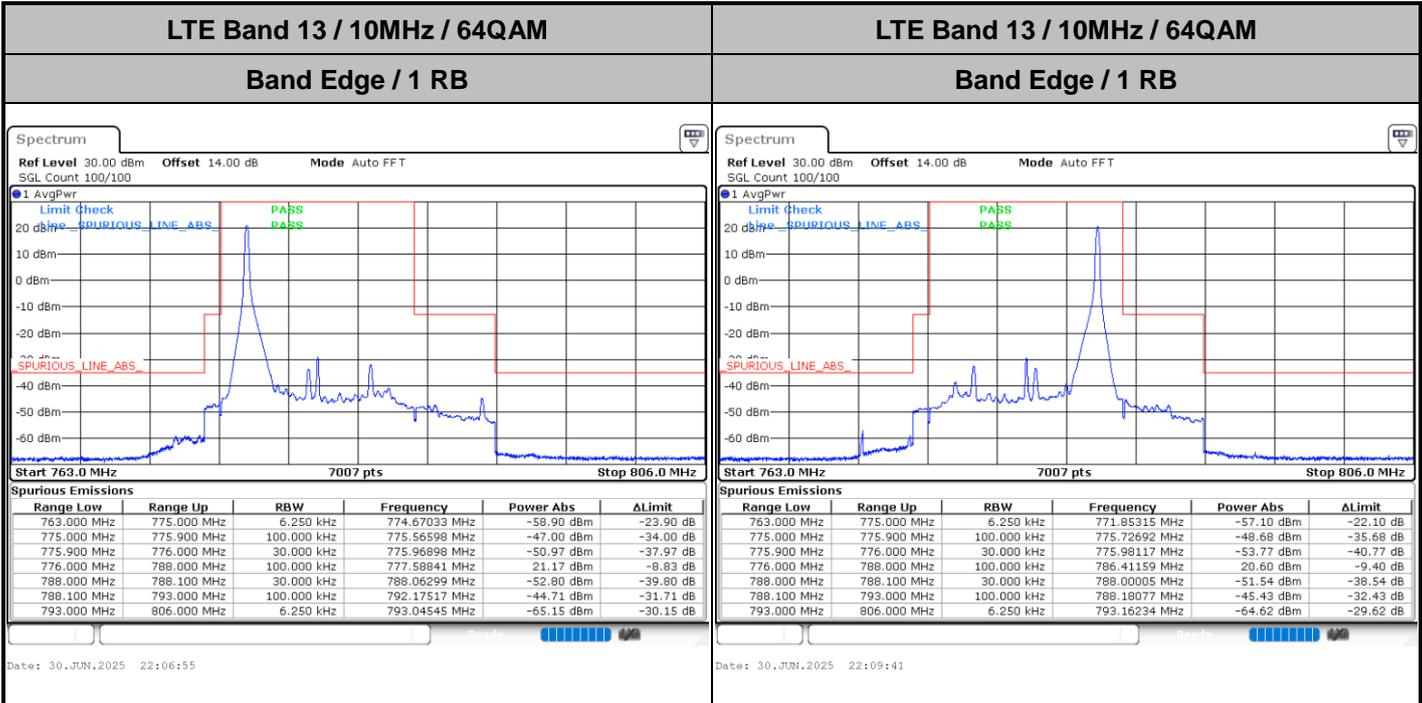




### LTE Band 13 / 10MHz / 16QAM

#### Band Edge / Full RB



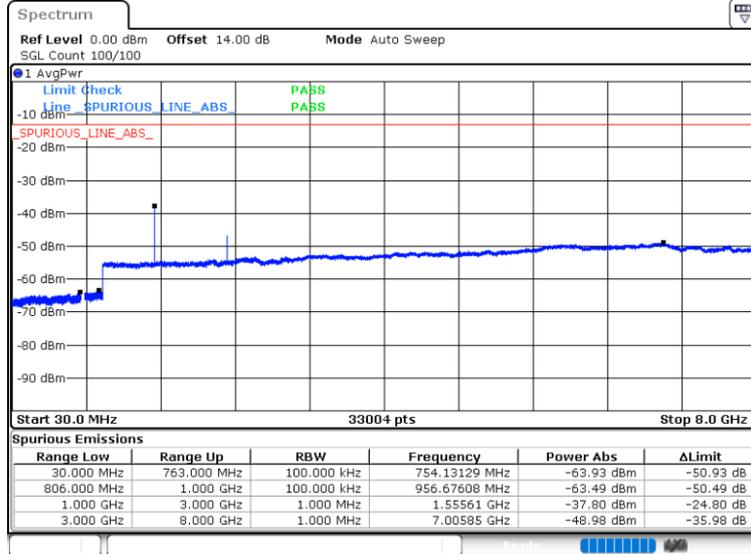






LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 30 JUN 2025 22:13:31



### Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset ( $\Delta f$ ) (Hz)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0066	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0068	
0	Normal Voltage	0.0086	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0045	

**Note:**

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 12 / 10MHz / 16QAM / Ant.0									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-63.12	-13	-50.12	-71.27	-66.37	4.00	9.40	H
	2109	-47.92	-13	-34.92	-58.28	-51.49	4.88	10.60	H
	2812	-61.34	-13	-48.34	-74.37	-66.27	5.52	12.60	H
	1406	-63.10	-13	-50.10	-71.14	-66.35	4.00	9.40	V
	2109	-45.76	-13	-32.76	-56.35	-49.33	4.88	10.60	V
	2812	-61.33	-13	-48.33	-74.29	-66.26	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 10MHz / QPSK / Ant.2									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-63.25	-42.15	-21.10	-71.60	-66.50	4.00	9.40	H
	2339.25	-50.25	-13	-37.25	-61.45	-53.82	4.88	10.60	H
	3119	-60.41	-13	-47.41	-74.37	-65.34	5.52	12.60	H
	1559.5	-63.79	-42.15	-21.64	-71.91	-67.04	4.00	9.40	V
	2339.25	-56.48	-13	-43.48	-67.69	-60.05	4.88	10.60	V
	3119	-60.95	-13	-47.95	-74.72	-65.88	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 5MHz / QPSK / Ant.2									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-63.36	-42.15	-21.21	-71.71	-66.61	4.00	9.40	H
	2339.25	-44.58	-13	-31.58	-55.78	-48.15	4.88	10.60	H
	3119	-60.46	-13	-47.46	-74.42	-65.39	5.52	12.60	H
	1559.5	-63.77	-42.15	-21.62	-71.89	-67.02	4.00	9.40	V
	2339.25	-50.09	-13	-37.09	-61.30	-53.66	4.88	10.60	V
	3119	-60.82	-13	-47.82	-74.59	-65.75	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.