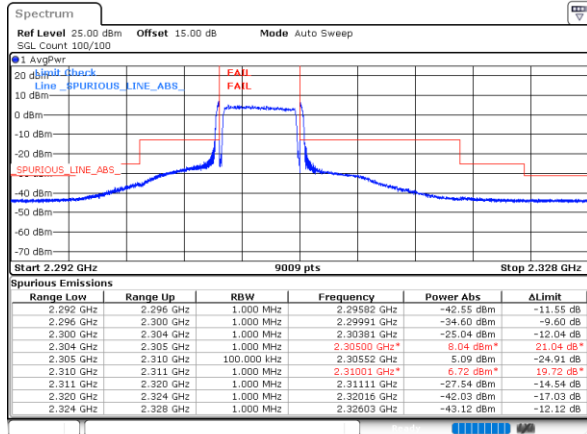


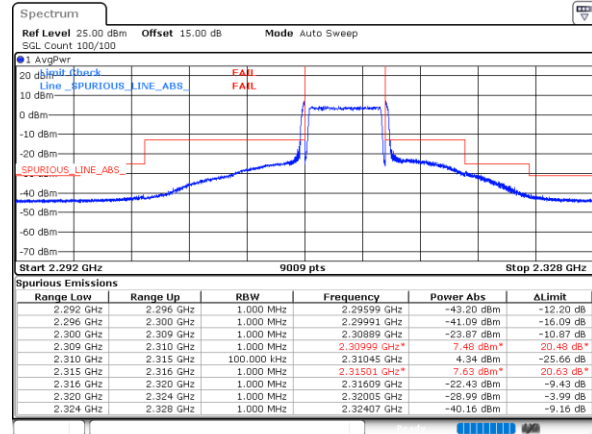


LTE Band 30 / 5MHz / 16QAM

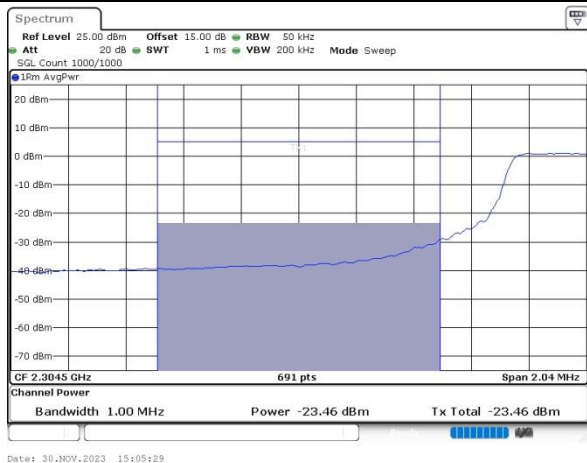
Lowest Band Edge / Full RB



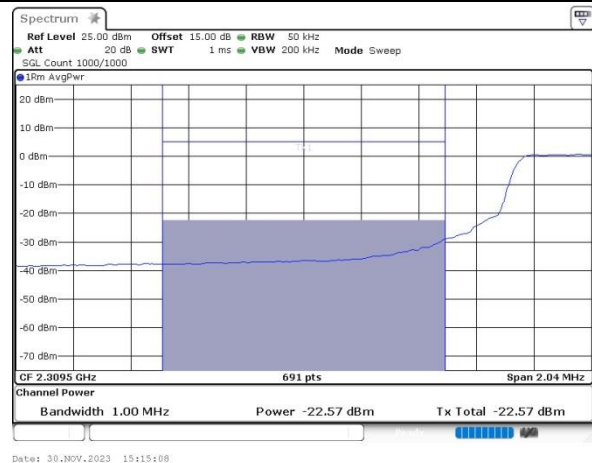
Highest Band Edge / Full RB



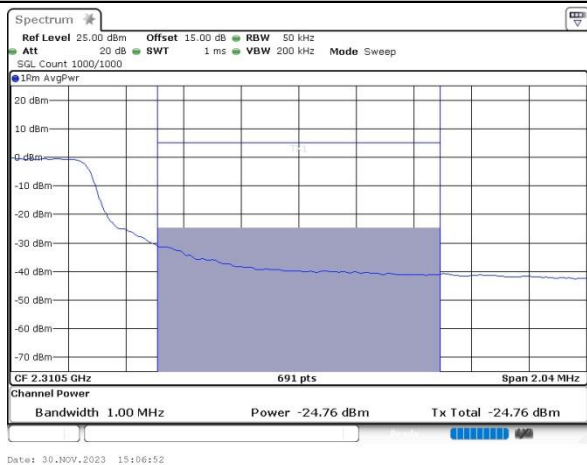
Lowest Band Edge / Full RB-CP1



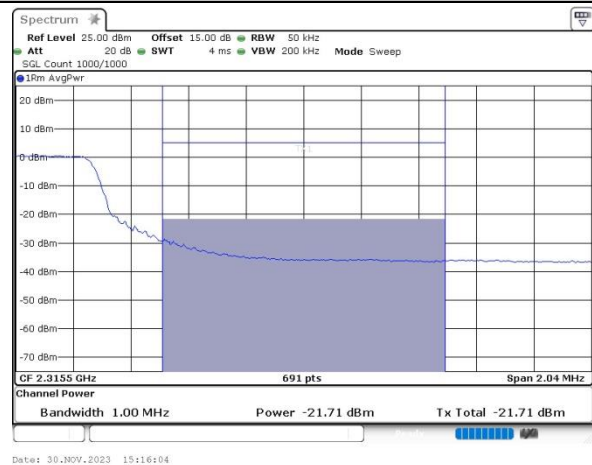
Highest Band Edge / Full RB-CP1



Lowest Band Edge / Full RB-CP2



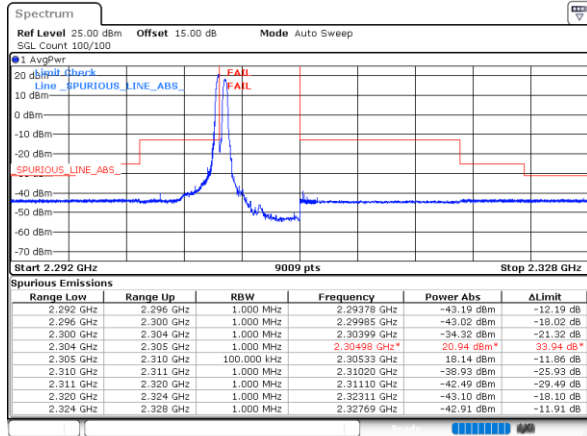
Highest Band Edge / Full RB-CP2



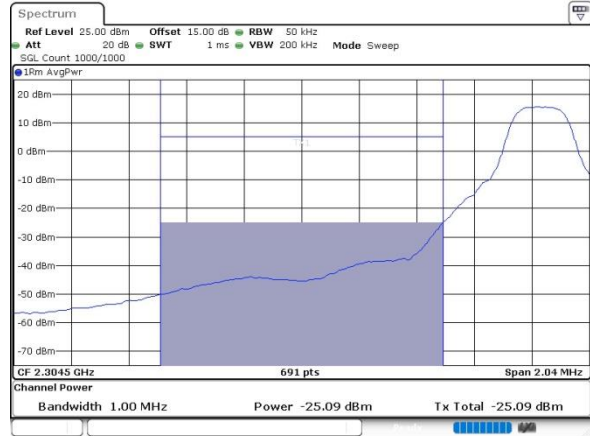


LTE Band 30 / 5MHz / 64QAM

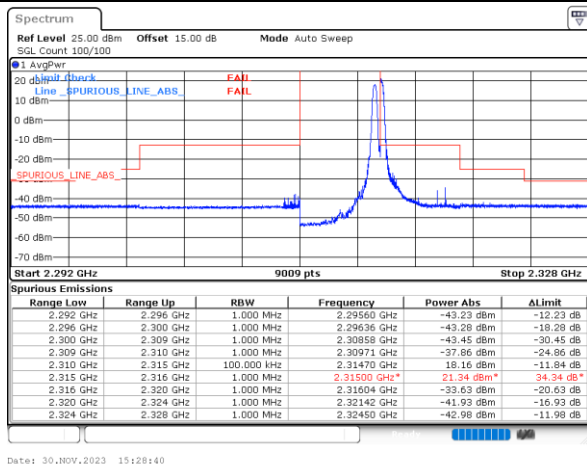
Lowest Band Edge / 1 RB



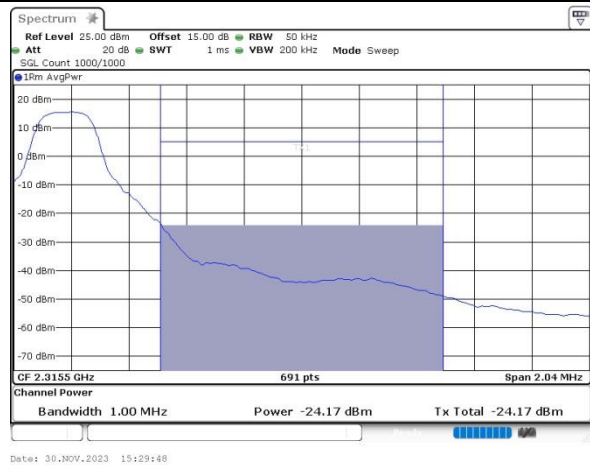
Lowest Band Edge / 1 RB-CP



Highest Band Edge / 1 RB



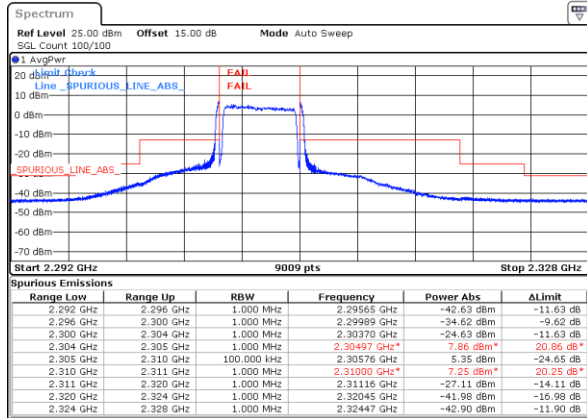
Highest Band Edge / 1 RB-CP



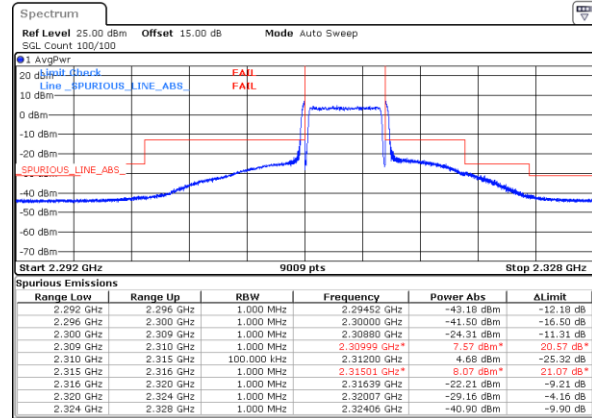


LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



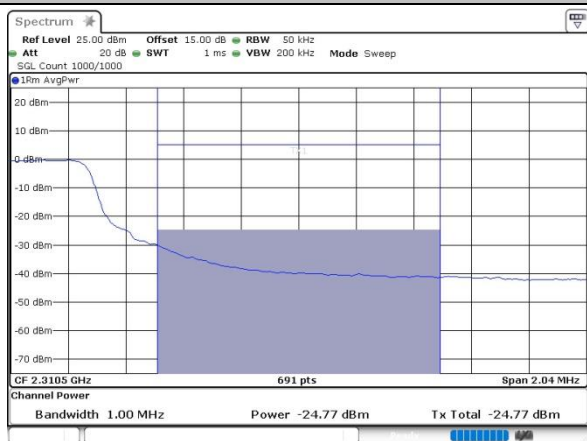
Lowest Band Edge / Full RB-CP1



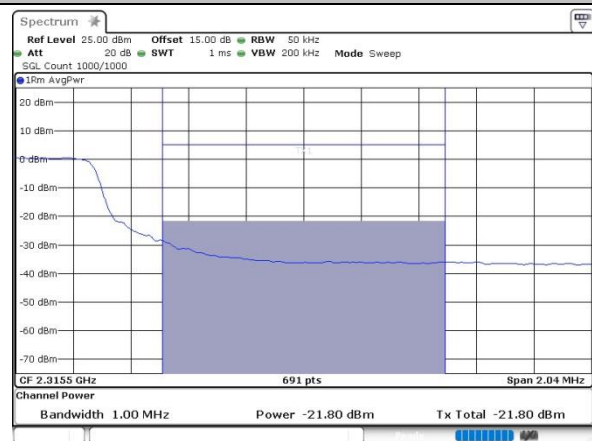
Highest Band Edge / Full RB-CP1



Lowest Band Edge / Full RB-CP2



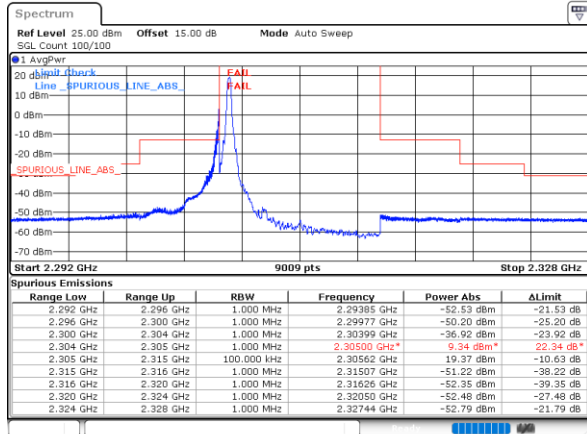
Highest Band Edge / Full RB-CP2



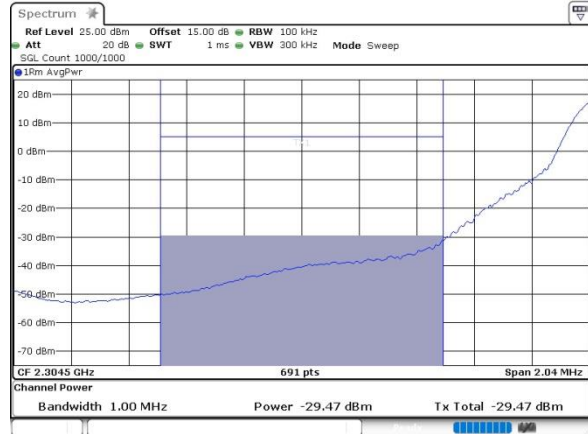


LTE Band 30 / 10MHz / QPSK

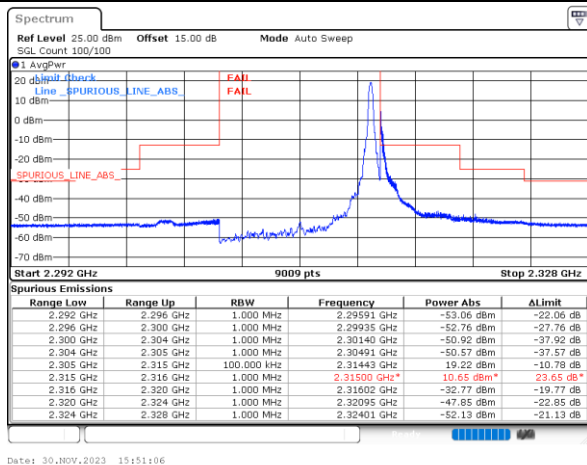
Lowest Band Edge / 1 RB



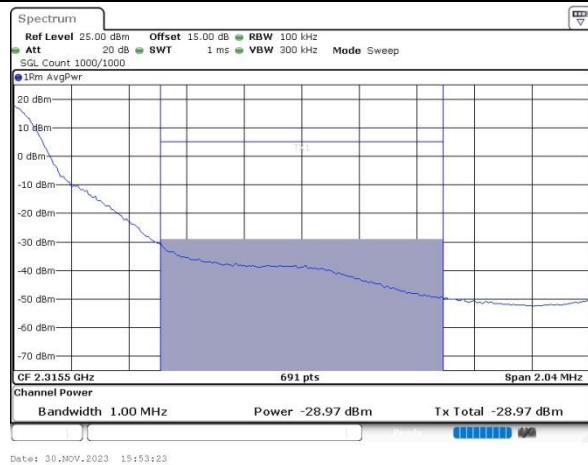
Lowest Band Edge / 1 RB-CP



Highest Band Edge / 1 RB

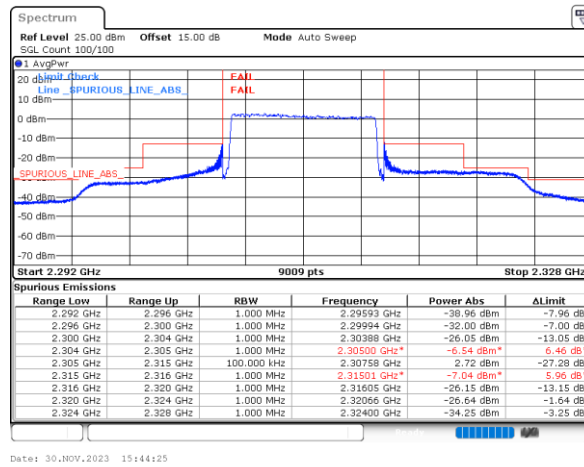


Highest Band Edge / 1 RB-CP

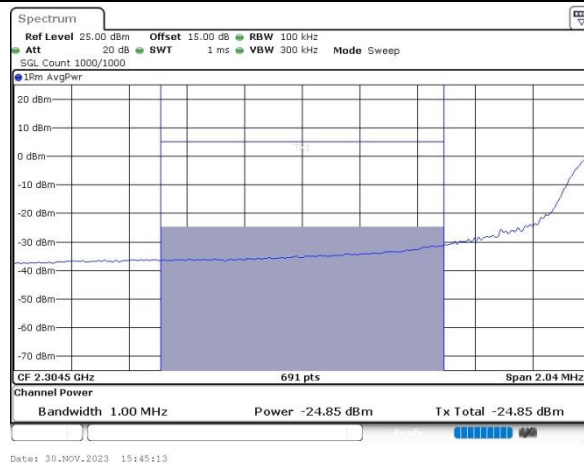


LTE Band 30 / 10MHz / QPSK

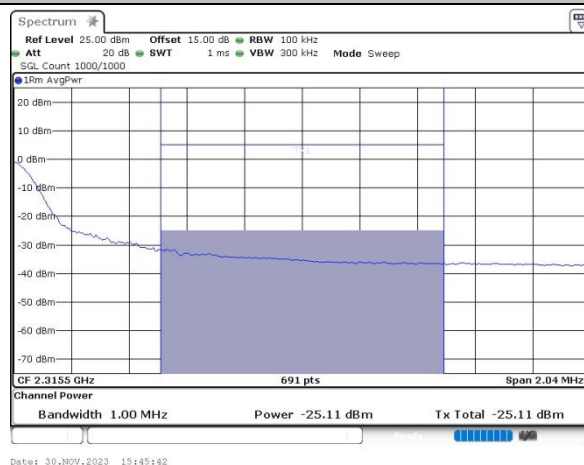
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB-CP1



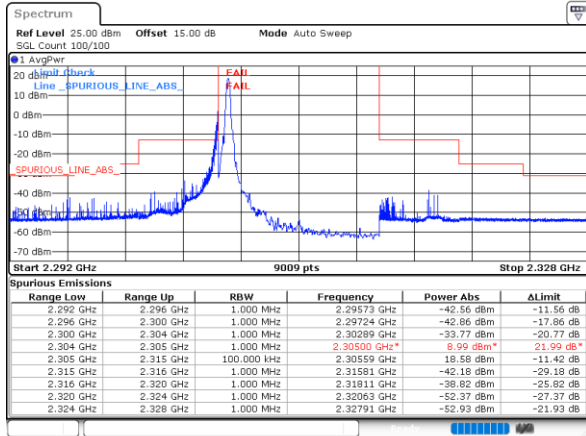
Lowest Band Edge / Full RB-CP1



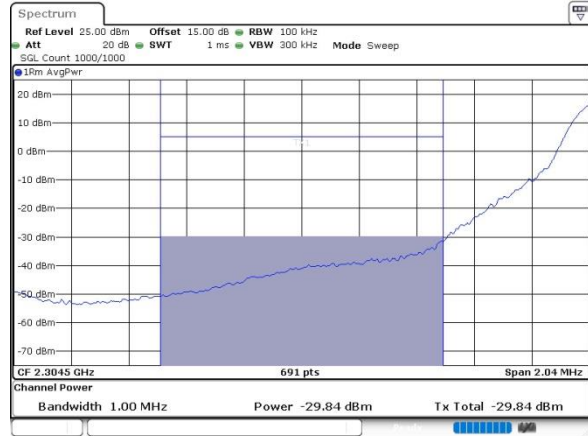


LTE Band 30 / 10MHz / 16QAM

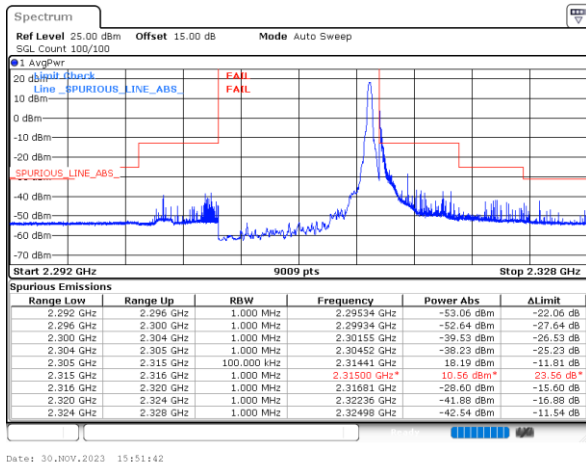
Lowest Band Edge / 1 RB



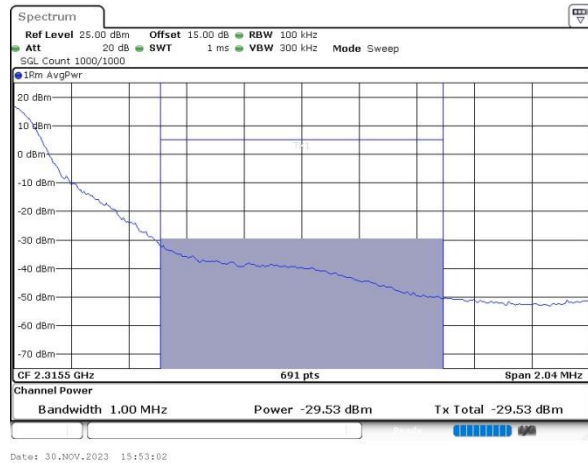
Lowest Band Edge / 1 RB-CP

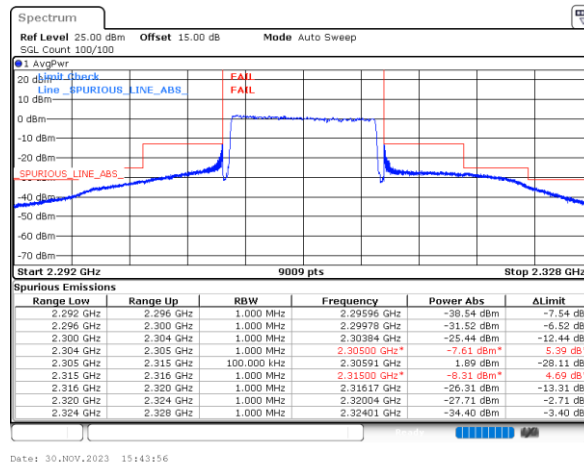
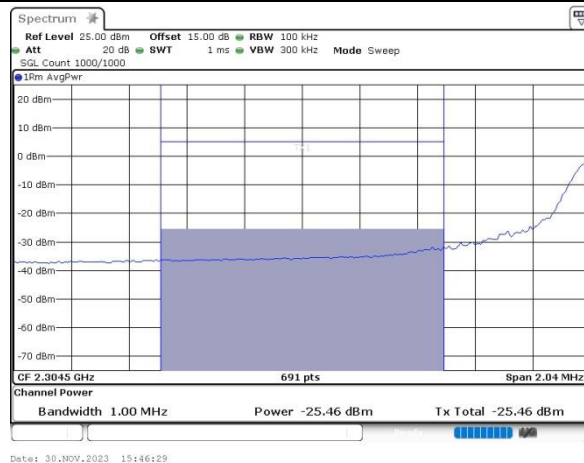
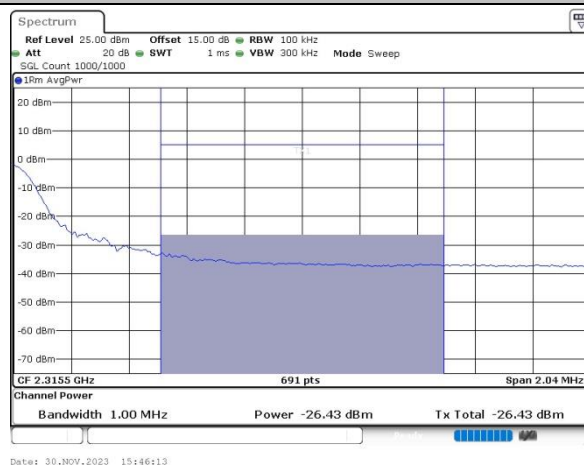


Highest Band Edge / 1 RB



Highest Band Edge / 1 RB-CP

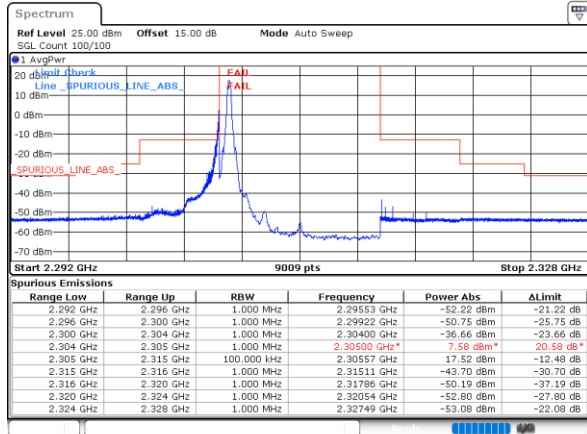


LTE Band 30 / 10MHz / 16QAM
Lowest Band Edge / Full RB

Lowest Band Edge / Full RB-CP1

Lowest Band Edge / Full RB-CP2


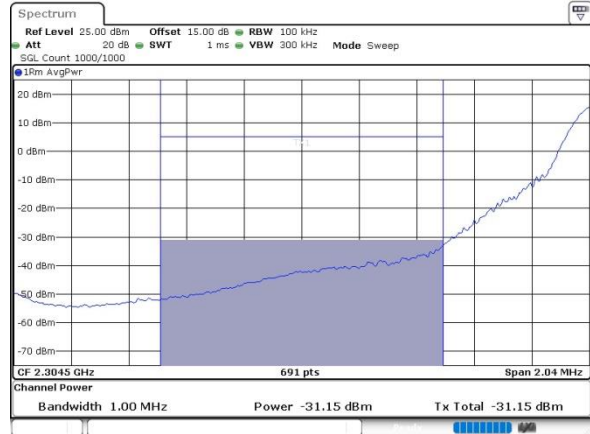


LTE Band 30 / 10MHz / 64QAM

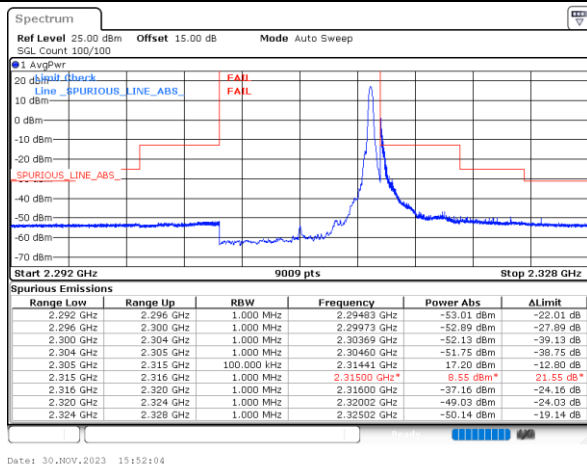
Lowest Band Edge / 1 RB



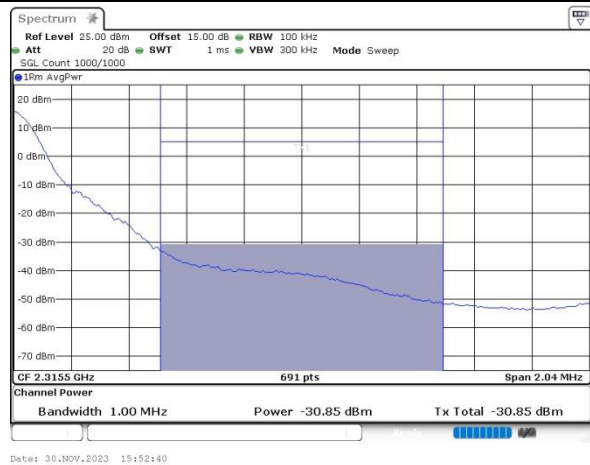
Lowest Band Edge / 1 RB-CP



Highest Band Edge / 1 RB

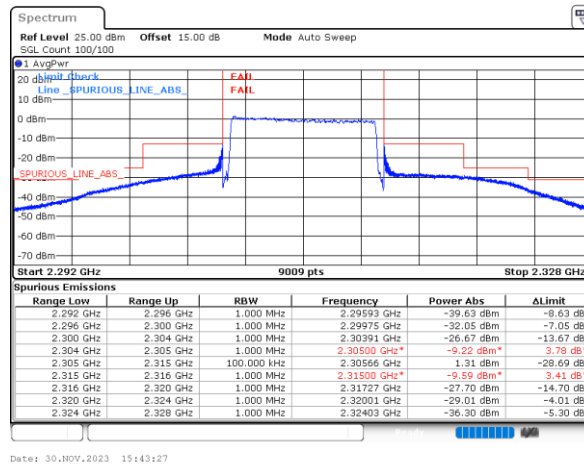


Highest Band Edge / 1 RB-CP

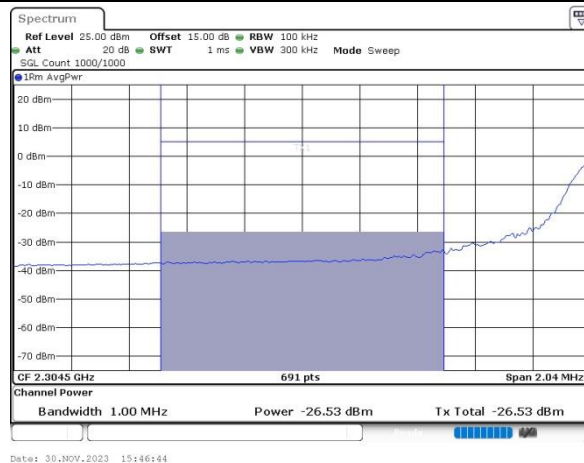


LTE Band 30 / 10MHz / 64QAM

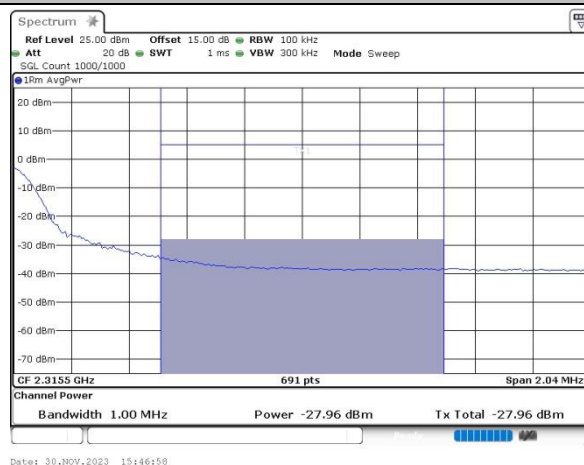
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB-CP1



Lowest Band Edge / Full RB-CP2

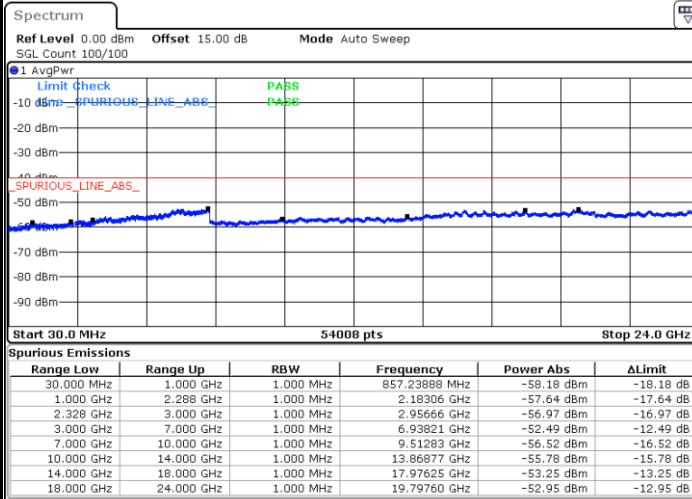




Conducted Spurious Emission

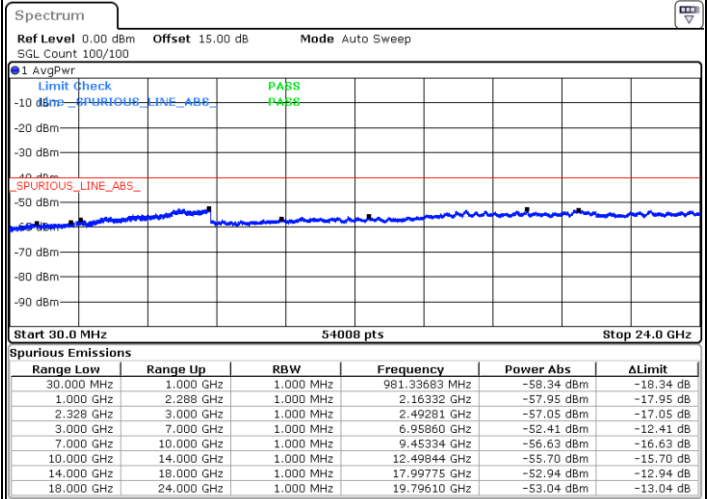
LTE Band 30 / 5MHz

Lowest Channel / QPSK



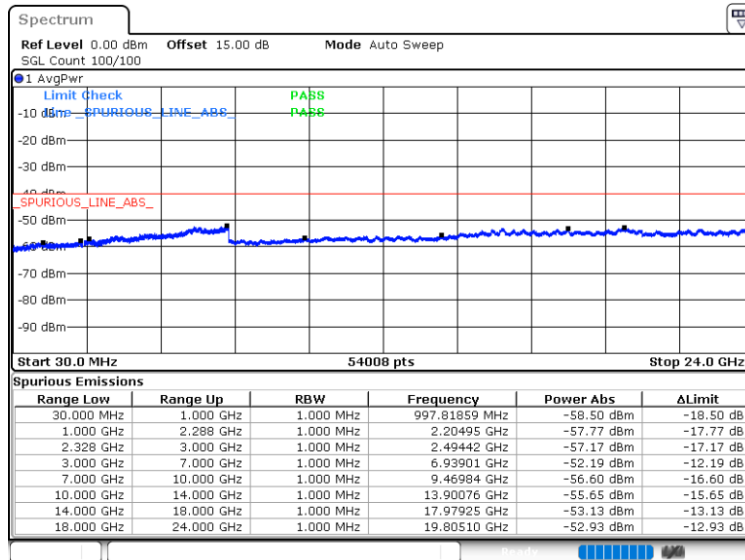
Date: 30.NOV.2023 15:36:25

Middle Channel / QPSK



Date: 30.NOV.2023 15:35:21

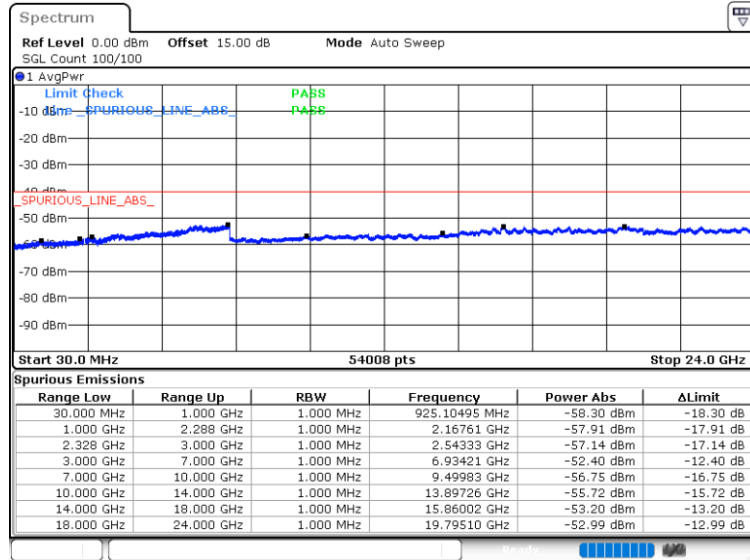
Highest Channel / QPSK



Date: 30.NOV.2023 15:37:44

LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 30.NOV.2023 15:55:31

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

- Normal Voltage = 7.78 V. ; Battery End Point (BEP) = 7.3 V. ; Maximum Voltage = 8.7 V.
- The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE Pretest all the supported antennas, only the worst results are shown in the report.

Sample 1:

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 / Ant.1									
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	4611.50	-63.46	-40	-23.46	-56.25	-69.71	6.45	12.70	H
	6916.50	-42.07	-40	-2.07	-37.46	-45.47	8.40	11.80	H
	9222.00	-55.32	-40	-15.32	-56.40	-57.67	9.65	12.00	H
	4611.50	-63.72	-40	-23.72	-56.36	-69.97	6.45	12.70	V
	6916.50	-47.25	-40	-7.25	-42.6	-50.65	8.40	11.80	V
	9222.00	-55.85	-40	-15.85	-56.51	-58.20	9.65	12.00	V

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 / Ant.7 (Other PA)									
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	4611.50	-62.53	-40	-22.53	-55.32	-68.78	6.45	12.70	H
	6916.50	-42.47	-40	-2.47	-37.86	-45.87	8.40	11.80	H
	9222.00	-55.65	-40	-15.65	-56.73	-58.00	9.65	12.00	H
	4611.50	-63.14	-40	-23.14	-55.78	-69.39	6.45	12.70	V
	6916.50	-46.87	-40	-6.87	-42.22	-50.27	8.40	11.80	V
	9222.00	-55.85	-40	-15.85	-56.51	-58.20	9.65	12.00	V

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

Sample 2:

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 / Ant.1									
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	4611.50	-57.69	-40	-17.69	-50.48	-63.94	6.45	12.70	H
	6916.50	-42.49	-40	-2.49	-37.88	-45.89	8.40	11.80	H
	9222.00	-55.04	-40	-15.04	-56.12	-57.39	9.65	12.00	H
	4611.50	-57.00	-40	-17.00	-49.64	-63.25	6.45	12.70	V
	6916.50	-45.93	-40	-5.93	-41.28	-49.33	8.40	11.80	V
	9222.00	-55.15	-40	-15.15	-55.81	-57.50	9.65	12.00	V

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