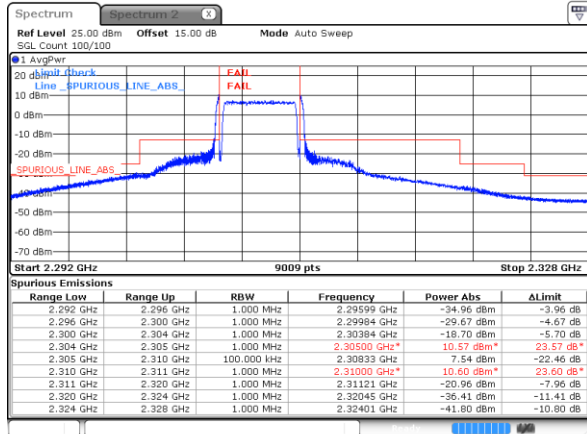


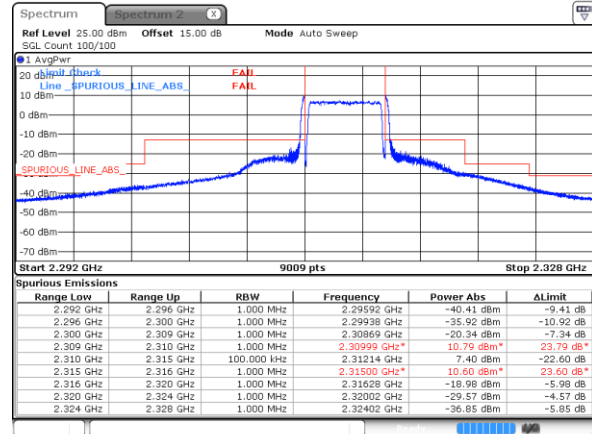


LTE Band 30 / 5MHz / 16QAM

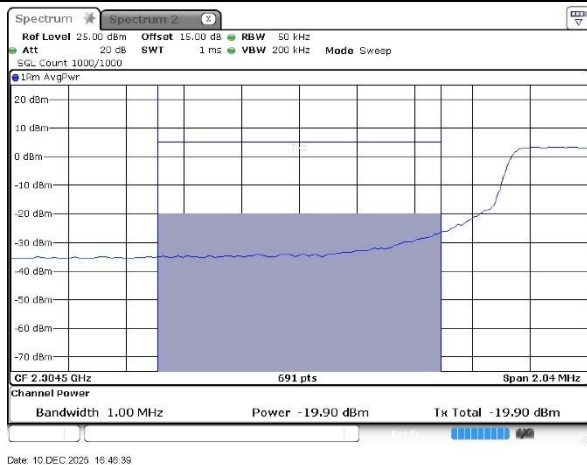
Lowest Band Edge / Full RB



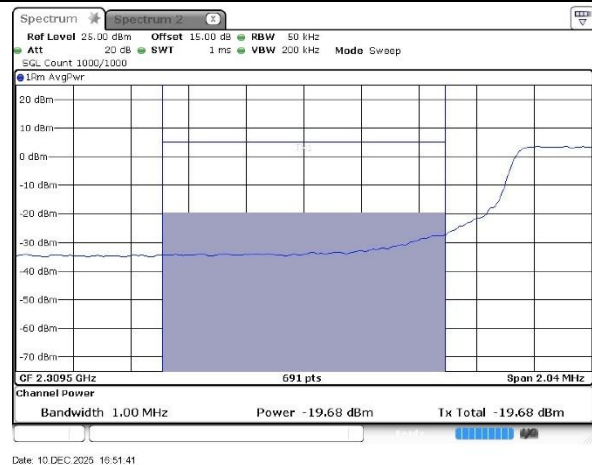
Highest Band Edge / Full RB



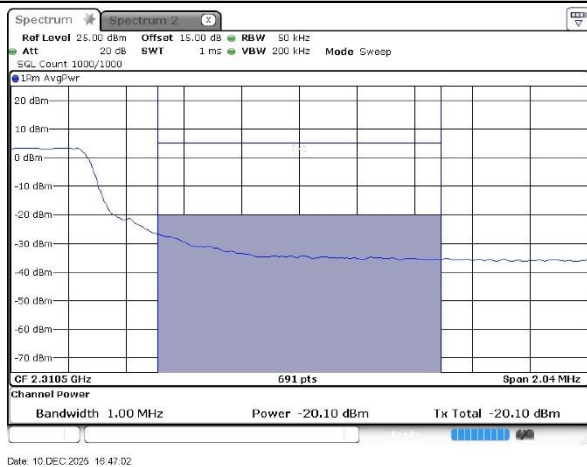
Lowest Band Edge / Full RB / Lower zoom in



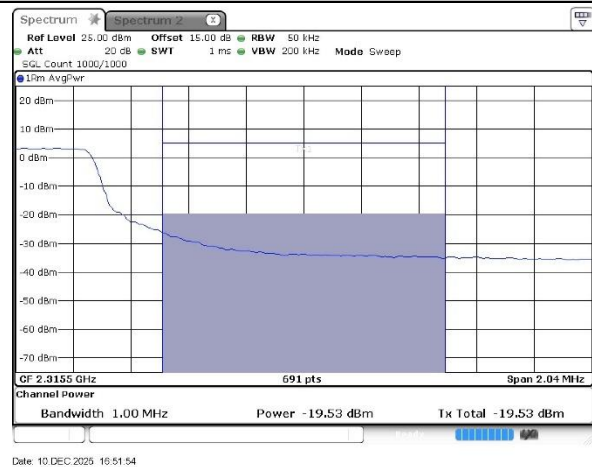
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



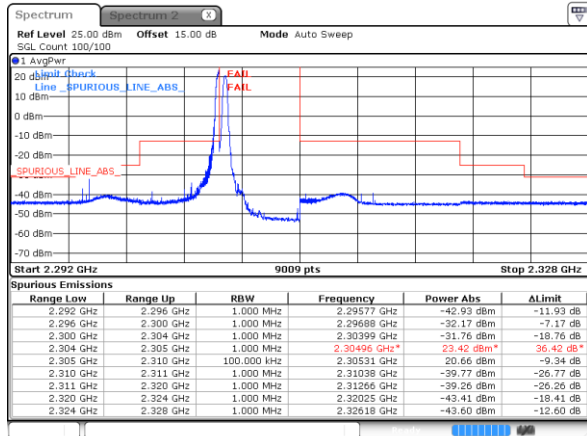
Highest Band Edge / Full RB / Upper zoom in



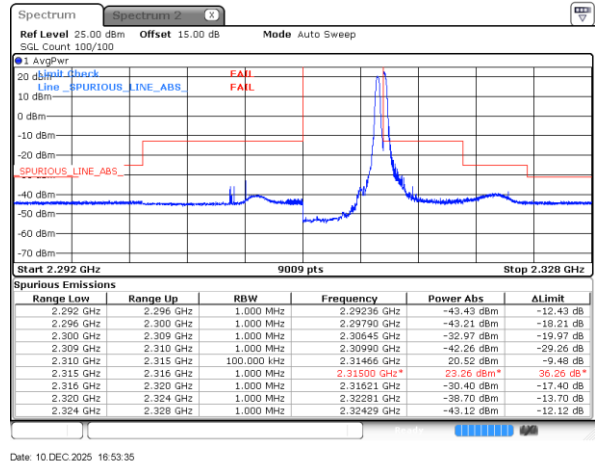


LTE Band 30 / 5MHz / 64QAM

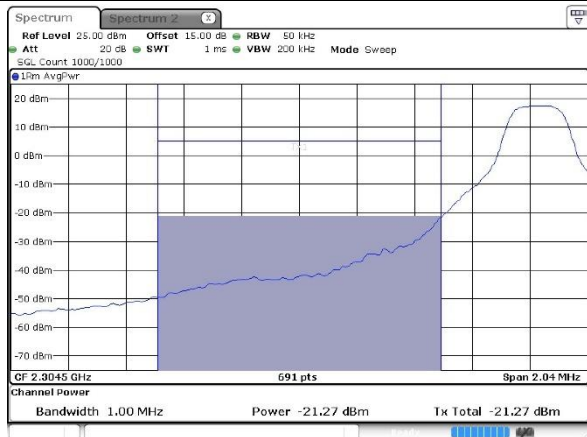
Lowest Band Edge / 1 RB



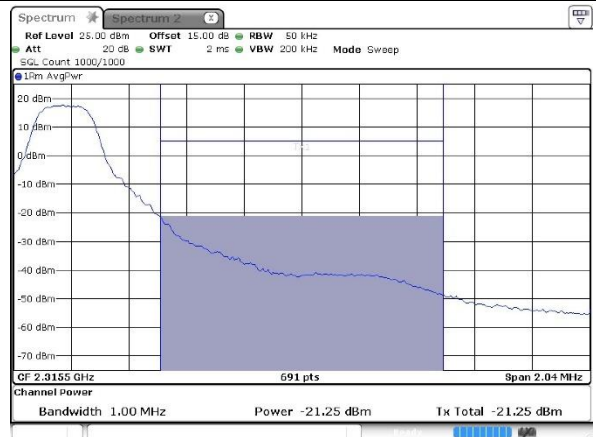
Highest Band Edge / 1 RB



Lowest Band Edge / 1 RB / Lower zoom in



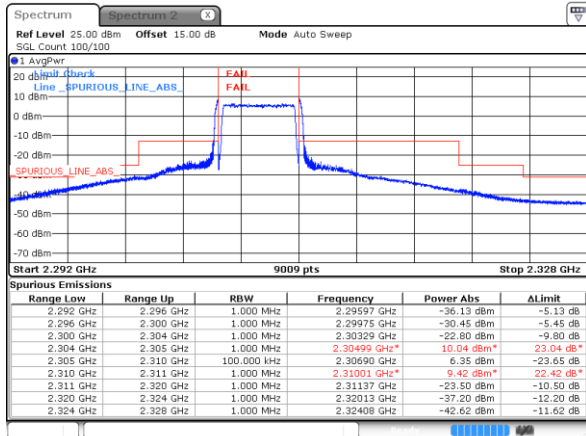
Highest Band Edge / 1 RB / Lower zoom in





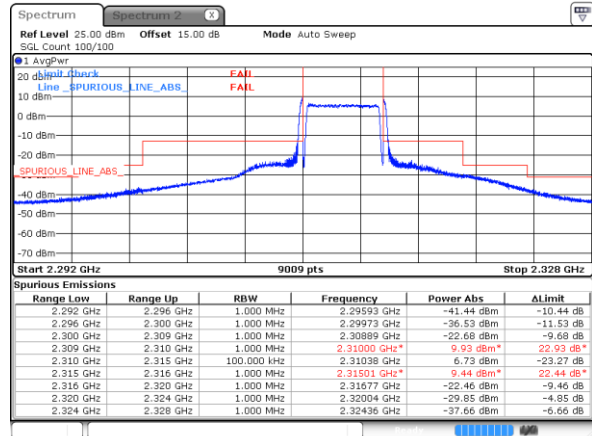
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / Full RB



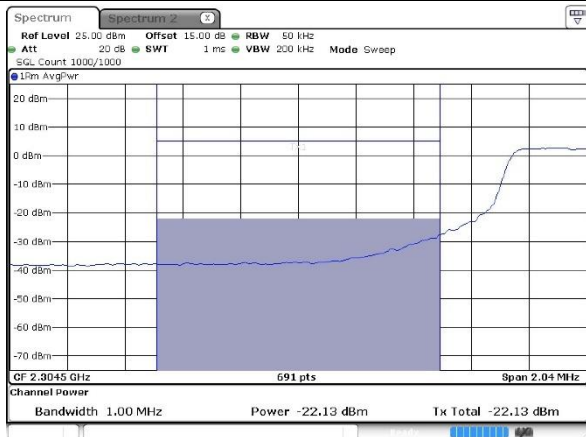
Date: 10 DEC 2025 16:41:55

Highest Band Edge / Full RB



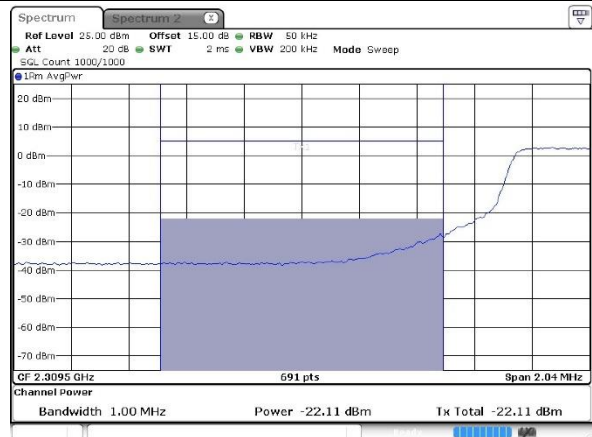
Date: 10 DEC 2025 16:52:28

Lowest Band Edge / Full RB / Lower zoom in



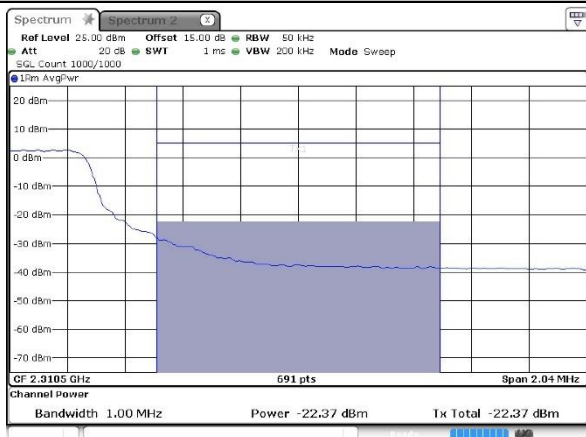
Date: 10 DEC 2025 16:42:32

Highest Band Edge / Full RB / Lower zoom in



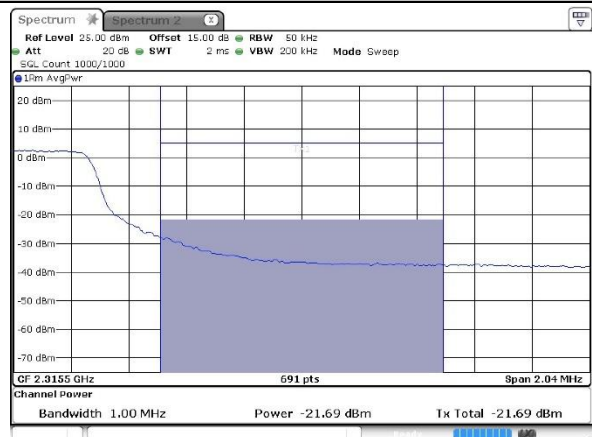
Date: 10 DEC 2025 16:52:47

Lowest Band Edge / Full RB / Upper zoom in



Date: 10 DEC 2025 16:42:58

Highest Band Edge / Full RB / Upper zoom in

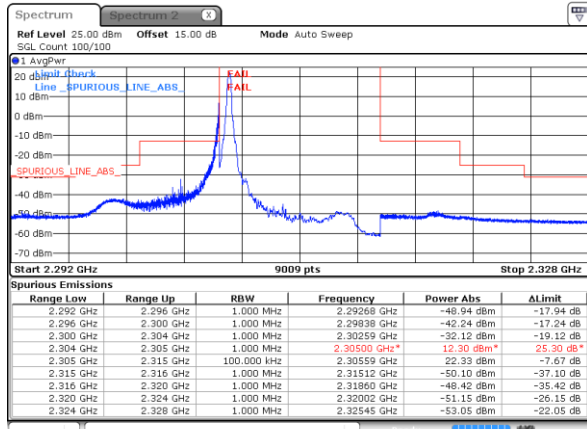


Date: 10 DEC 2025 16:52:58



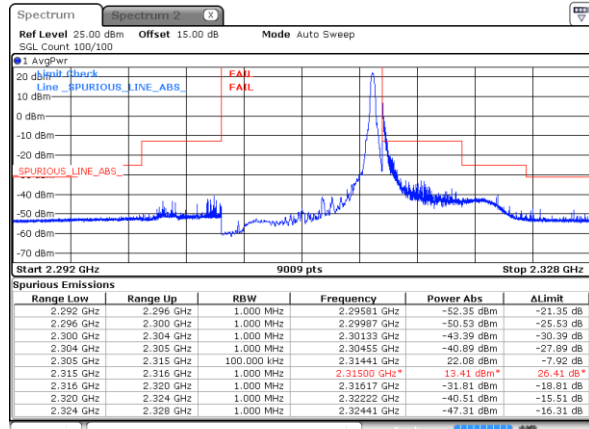
LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1 RB



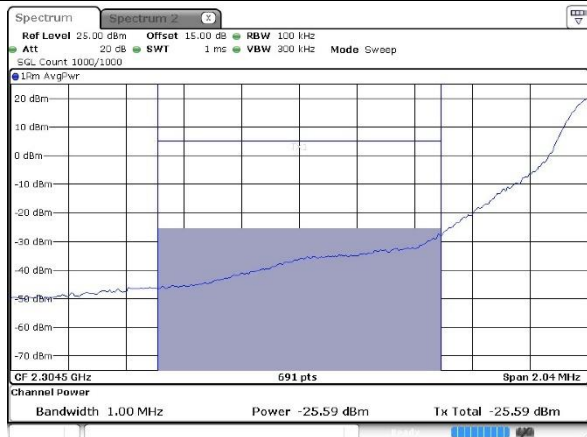
Date: 10 DEC 2025 17:14:05

Highest Band Edge / 1 RB



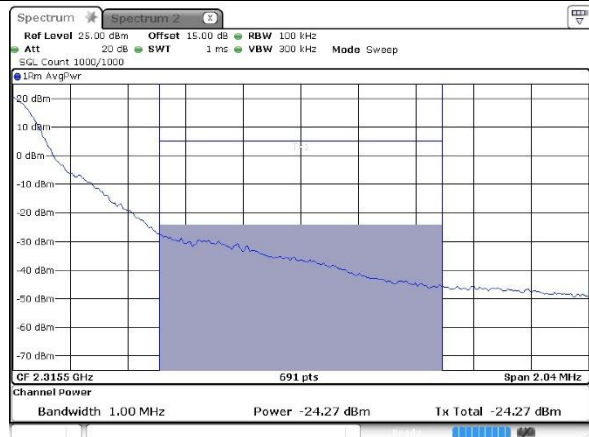
Date: 10 DEC 2025 16:56:52

Lowest Band Edge / 1 RB / Lower zoom in



Date: 10 DEC 2025 17:15:16

Highest Band Edge / 1 RB / Lower zoom in

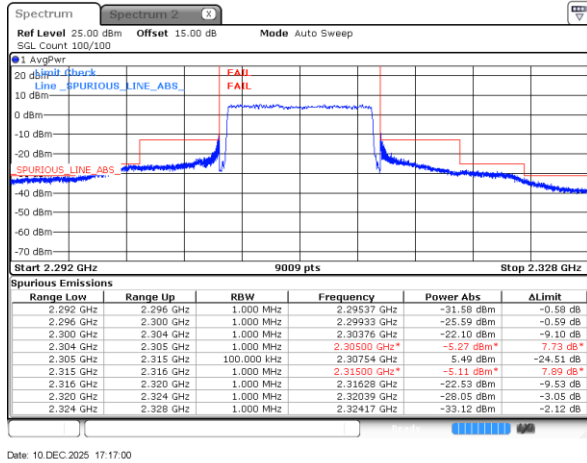


Date: 10 DEC 2025 16:57:27

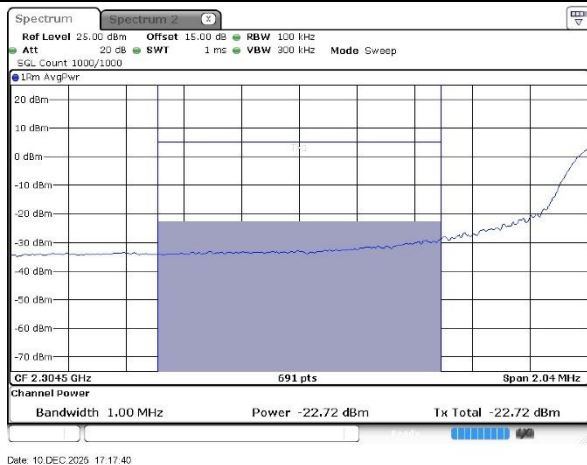


LTE Band 30 / 10MHz / QPSK

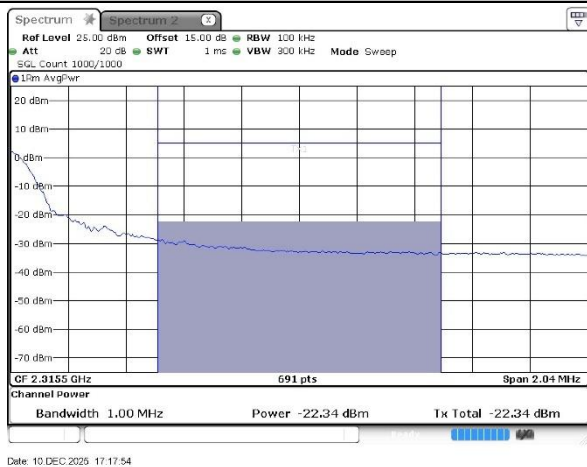
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



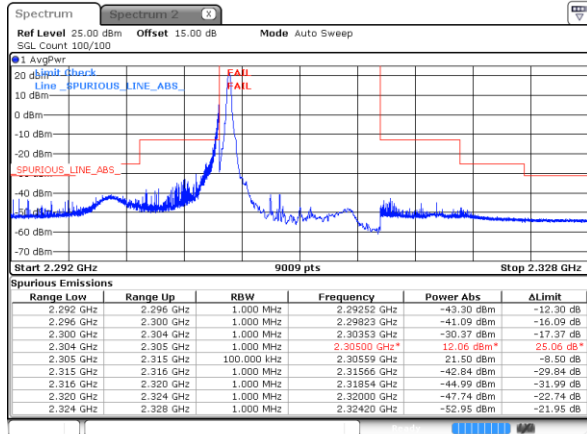
Lowest Band Edge / Full RB / Upper zoom in



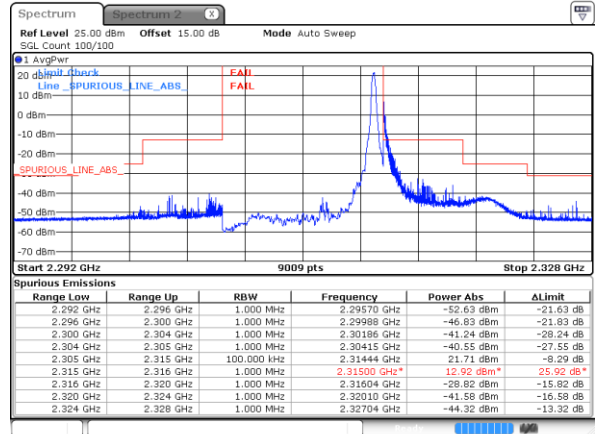


LTE Band 30 / 10MHz / 16QAM

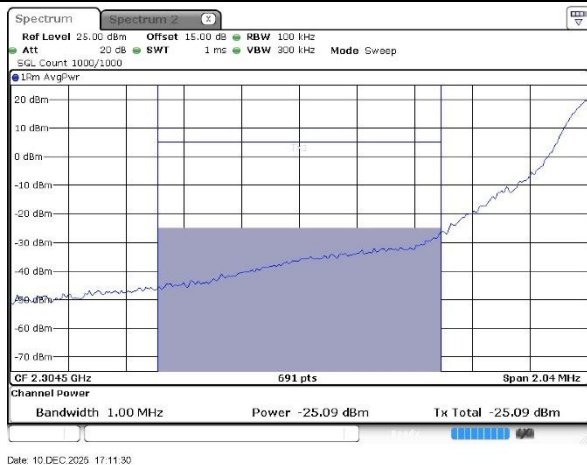
Lowest Band Edge / 1 RB



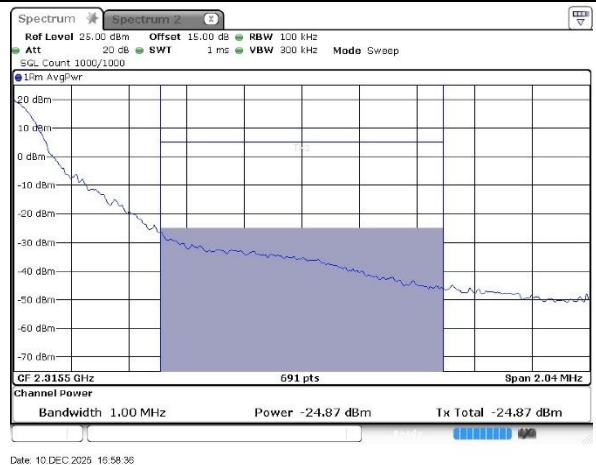
Highest Band Edge / 1 RB



Lowest Band Edge / 1 RB / Lower zoom in



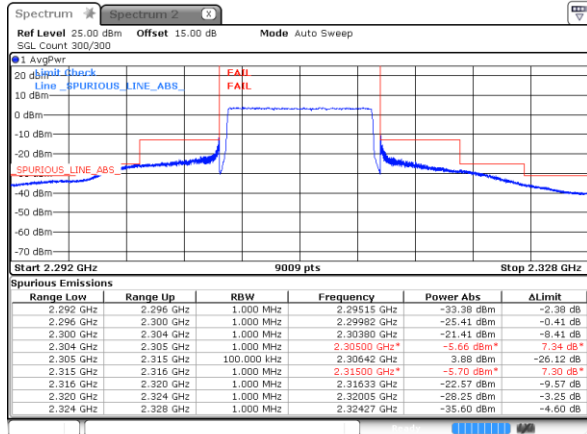
Highest Band Edge / 1 RB / Lower zoom in





LTE Band 30 / 10MHz / 16QAM

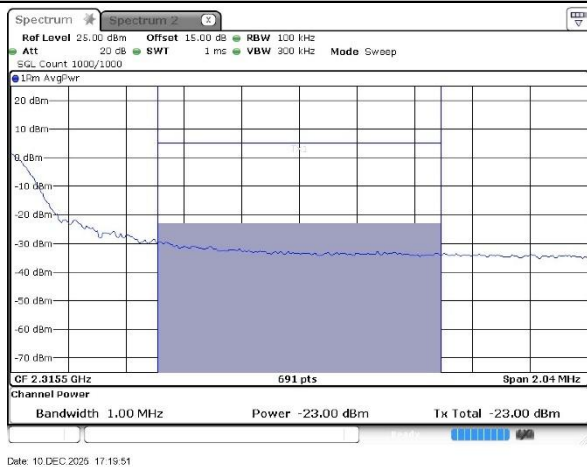
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



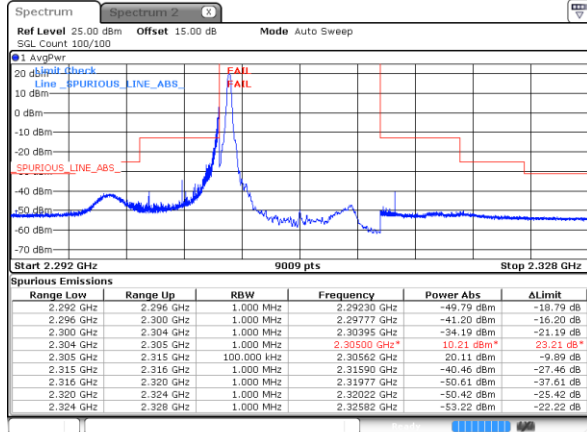
Lowest Band Edge / Full RB / Upper zoom in





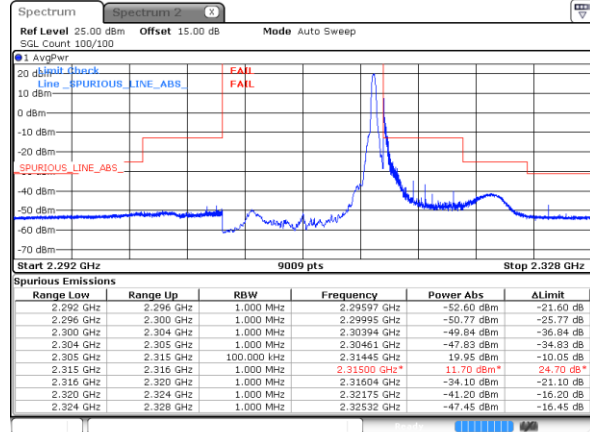
LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



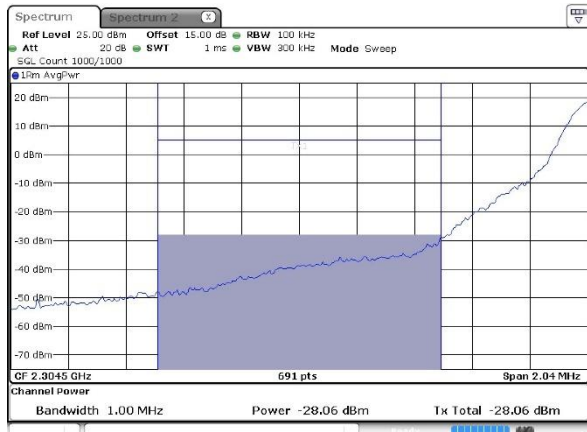
Date: 10 DEC 2025 17:09:10

Highest Band Edge / 1 RB



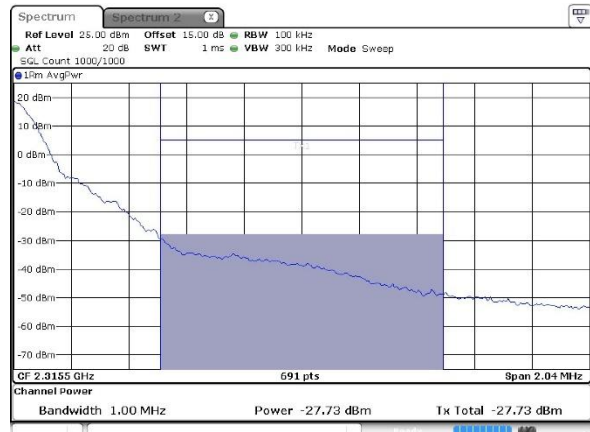
Date: 10 DEC 2025 16:59:05

Lowest Band Edge / 1 RB / Lower zoom in



Date: 10 DEC 2025 17:09:49

Highest Band Edge / 1 RB / Lower zoom in

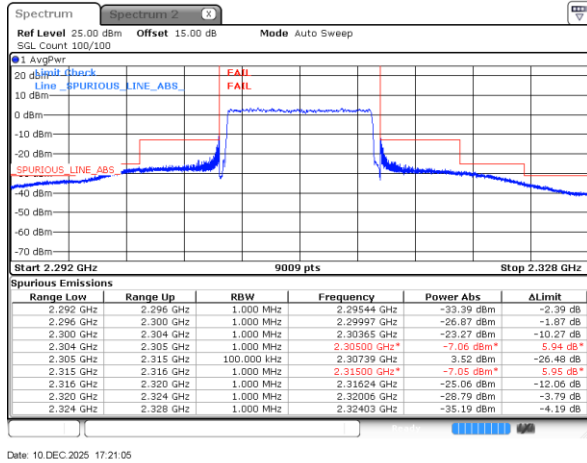


Date: 10 DEC 2025 16:59:22

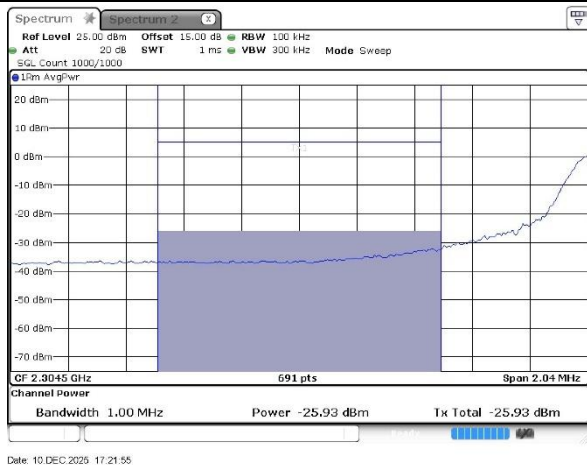


LTE Band 30 / 10MHz / 64QAM

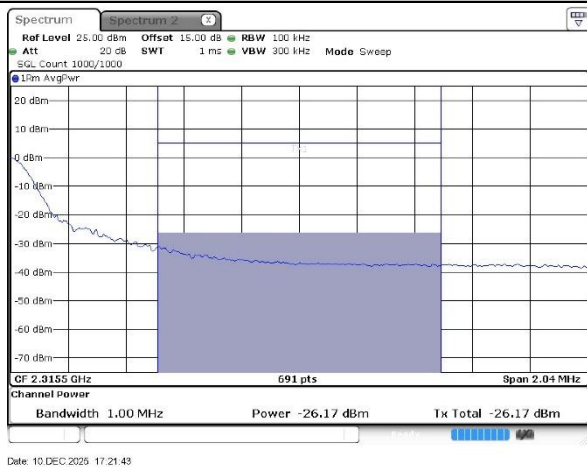
Lowest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in

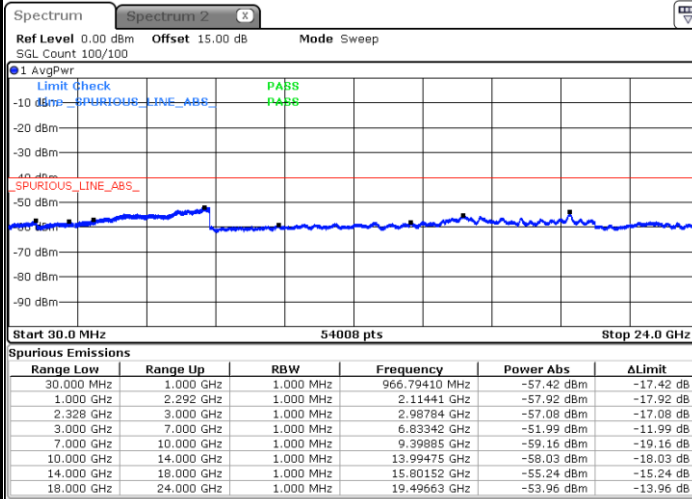




Conducted Spurious Emission

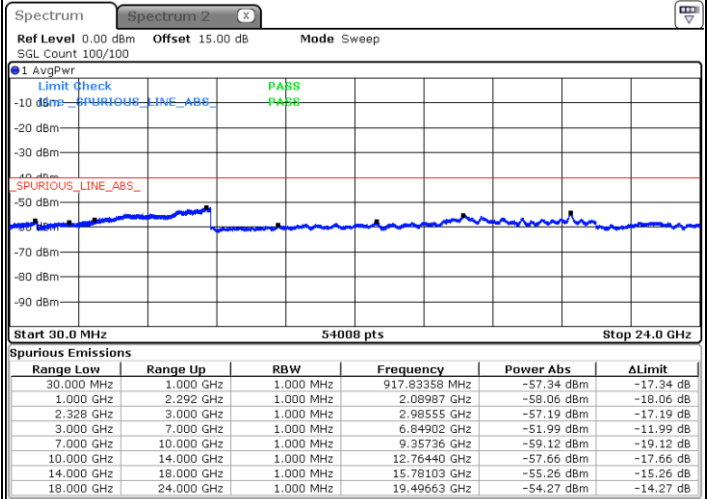
LTE Band 30 / 5MHz

Lowest Channel / QPSK



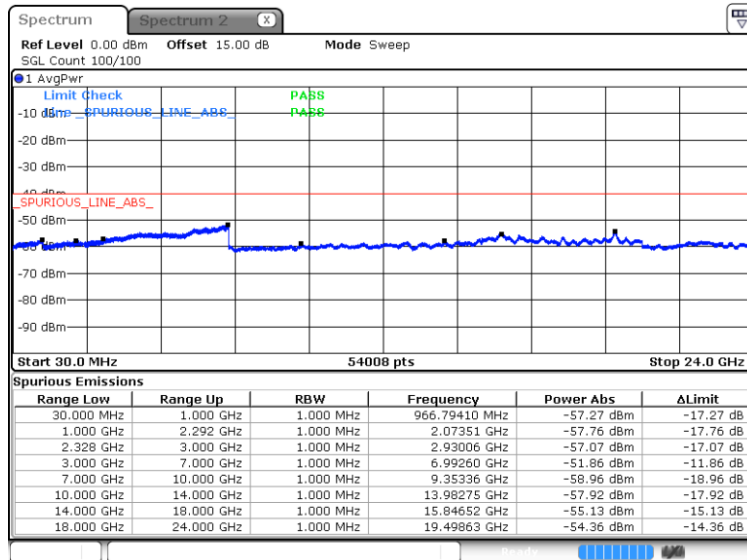
Date: 10 DEC 2025 16:17:13

Middle Channel / QPSK



Date: 10 DEC 2025 16:18:22

Highest Channel / QPSK

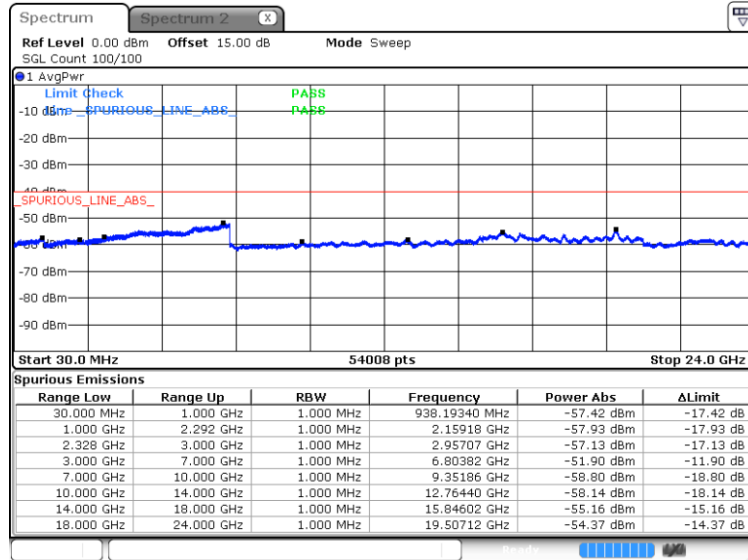


Date: 10 DEC 2025 16:19:32



LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 10 DEC 2025 16:20:46

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	1.5	PASS
40	Normal Voltage	2.9	
30	Normal Voltage	3.5	
20(Ref.)	Normal Voltage	2.1	
10	Normal Voltage	2.2	
0	Normal Voltage	2.5	
-10	Normal Voltage	1.3	
-20	Normal Voltage	3.3	
-30	Normal Voltage	2.6	
20	Maximum Voltage	3.2	
20	Normal Voltage	2.1	
20	Battery End Point	2.3	

Note:

1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.5 V.; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 3.5\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2305.242297	$\geq 2305 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2314.757704	$\leq 2315 \text{ MHz}$	

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Liang PingZhou	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 30 / 5MHz / QPSK/ Ant 8								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4610.50	-57.84	-40	-17.84	-64.09	6.30	12.55	H
	6915.75	-60.79	-40	-20.79	-64.19	8.25	11.65	H
	9221.00	-57.51	-40	-17.51	-59.86	9.50	11.85	H
	4610.50	-59.90	-40	-19.90	-66.15	6.30	12.55	V
	6915.75	-59.13	-40	-19.13	-62.53	8.25	11.65	V
	9221.00	-58.19	-40	-18.19	-60.54	9.50	11.85	V
Middle	4615.50	-60.75	-40	-20.75	-67.00	6.45	12.70	H
	6923.25	-60.37	-40	-20.37	-63.77	8.40	11.80	H
	9231.00	-57.59	-40	-17.59	-59.94	9.65	12.00	H
	4615.50	-60.50	-40	-20.50	-66.75	6.45	12.70	V
	6923.25	-60.50	-40	-20.50	-63.90	8.40	11.80	V
	9231.00	-57.34	-40	-17.34	-59.69	9.65	12.00	V
Highest	4620.50	-61.10	-40	-21.10	-67.35	6.61	12.86	H
	6930.75	-60.72	-40	-20.72	-64.10	8.56	11.94	H
	9241.00	-57.63	-40	-17.63	-59.98	9.81	12.16	H
	4620.50	-60.52	-40	-20.52	-66.77	6.61	12.86	V
	6930.75	-60.28	-40	-20.28	-63.66	8.56	11.94	V
	9241.00	-58.08	-40	-18.08	-60.43	9.81	12.16	V

LTE Band 30 / 10MHz / QPSK/ Ant 8								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4611.00	-48.44	-40	-8.44	-54.69	6.45	12.70	H
	6916.50	-54.49	-40	-14.49	-57.89	8.40	11.80	H
	9222.00	-57.92	-40	-17.92	-60.27	9.65	12.00	H
	4611.00	-44.34	-40	-4.34	-50.59	6.45	12.70	V
	6916.50	-49.18	-40	-9.18	-52.58	8.40	11.80	V
	9222.00	-57.39	-40	-17.39	-59.74	9.65	12.00	V



EN-DC_30A_n12A / LTE 5MHz + NR 10MHz / QPSK / ANT5(LTE) & ANT8(NR)								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n12 Lowest	1399	-64.81	-13	-51.81	-68.04	3.98	9.36	H
	2098.5	-62.98	-13	-49.98	-66.53	4.85	10.55	H
	2798	-61.97	-13	-48.97	-66.90	5.50	12.58	H
	1399	-65.19	-13	-52.19	-68.42	3.98	9.36	V
	2098.5	-63.00	-13	-50.00	-66.55	4.85	10.55	V
	2798	-61.51	-13	-48.51	-66.44	5.50	12.58	V
LTE Band30 Lowest	4610.50	-55.46	-40	-15.46	-61.71	6.45	12.70	H
	6915.75	-53.97	-40	-13.97	-57.37	8.40	11.80	H
	9221.00	-56.54	-40	-16.54	-58.89	9.65	12.00	H
	4610.50	-53.17	-40	-13.17	-59.42	6.45	12.70	V
	6915.75	-50.86	-40	-10.86	-54.26	8.40	11.80	V
	9221.00	-57.80	-40	-17.80	-60.15	9.65	12.00	V
NR n12 Middle	1401	-65.15	-13	-52.15	-68.40	4.00	9.40	H
	2101	-63.00	-13	-50.00	-66.57	4.88	10.60	H
	2802	-61.79	-13	-48.79	-66.72	5.52	12.60	H
	1401	-65.23	-13	-52.23	-68.48	4.00	9.40	V
	2101	-62.54	-13	-49.54	-66.11	4.88	10.60	V
	2802	-61.79	-13	-48.79	-66.72	5.52	12.60	V
LTE Band30 Middle	4615.50	-57.99	-40	-17.99	-64.24	6.45	12.70	H
	6923.25	-60.08	-40	-20.08	-63.48	8.40	11.80	H
	9231.00	-57.13	-40	-17.13	-59.48	9.65	12.00	H
	4615.50	-56.06	-40	-16.06	-62.31	6.45	12.70	V
	6923.25	-59.60	-40	-19.60	-63.00	8.40	11.80	V
	9231.00	-57.54	-40	-17.54	-59.89	9.65	12.00	V
NR n12 Highest	1403	-64.54	-13	-51.54	-67.71	4.10	9.42	H
	2104.5	-63.03	-13	-50.03	-66.61	4.90	10.63	H
	2806	-62.16	-13	-49.16	-67.08	5.55	12.62	H
	1403	-65.76	-13	-52.76	-68.93	4.10	9.42	V
	2104.5	-62.86	-13	-49.86	-66.44	4.90	10.63	V
	2806	-61.93	-13	-48.93	-66.85	5.55	12.62	V
LTE Band30 Highest	4620.50	-59.28	-40	-19.28	-65.53	6.45	12.70	H
	6930.75	-59.99	-40	-19.99	-63.39	8.40	11.80	H
	9241.00	-56.39	-40	-16.39	-58.74	9.65	12.00	H
	4620.50	-56.90	-40	-16.90	-63.15	6.45	12.70	V
	6930.75	-59.57	-40	-19.57	-62.97	8.40	11.80	V
	9241.00	-57.26	-40	-17.26	-59.61	9.65	12.00	V

EN-DC_30A_n12A / LTE 10MHz + NR 10MHz / QPSK / ANT5(LTE) & ANT8(NR) for other PA								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n12 Middle	1401	-64.81	-13	-51.81	-68.06	4.00	9.40	H
	2101	-62.98	-13	-49.98	-66.55	4.88	10.60	H
	2802	-61.78	-13	-48.78	-66.71	5.52	12.60	H
	1401	-65.07	-13	-52.07	-68.32	4.00	9.40	V
	2101	-63.00	-13	-50.00	-66.57	4.88	10.60	V
	2802	-61.79	-13	-48.79	-66.72	5.52	12.60	V
LTE Band30 Middle	4611.00	-55.63	-40	-15.63	-61.88	6.45	12.70	H
	6916.50	-54.14	-40	-14.14	-57.54	8.40	11.80	H
	9222.00	-56.71	-40	-16.71	-59.06	9.65	12.00	H
	4611.00	-53.30	-40	-13.30	-59.55	6.45	12.70	V
	6916.50	-50.99	-40	-10.99	-54.39	8.40	11.80	V
	9222.00	-57.93	-40	-17.93	-60.28	9.65	12.00	V

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