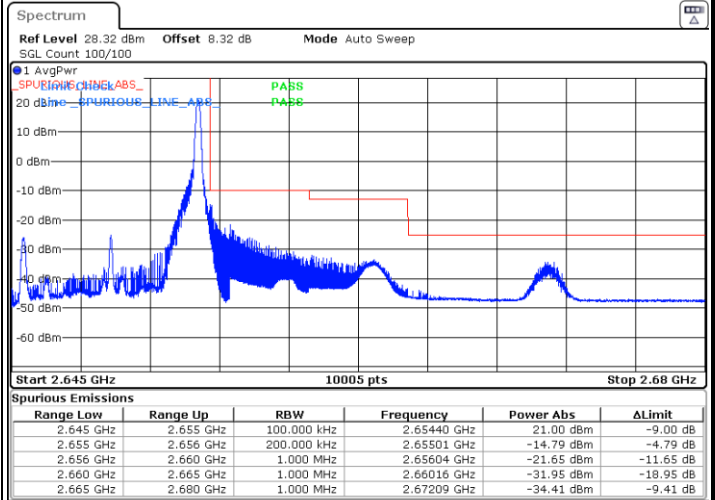
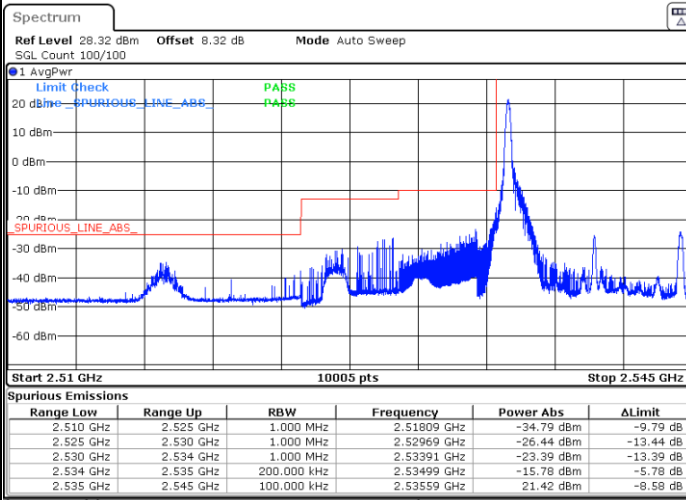




LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

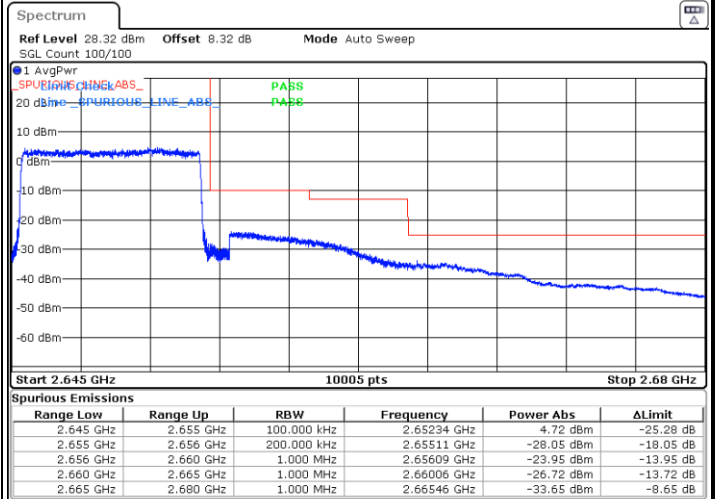
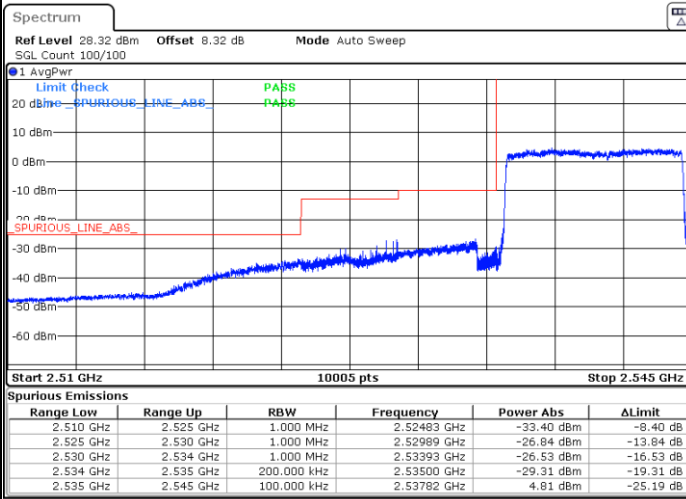


Date: 23.JUL.2025 10:05:57

Date: 23.JUL.2025 10:20:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



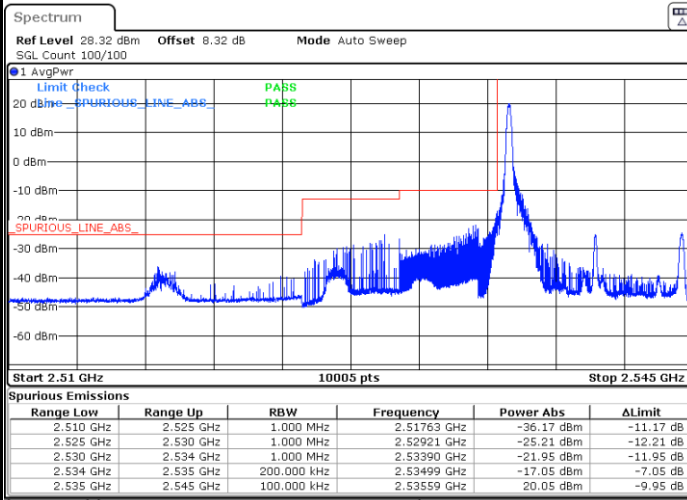
Date: 23.JUL.2025 10:12:27

Date: 23.JUL.2025 10:13:43



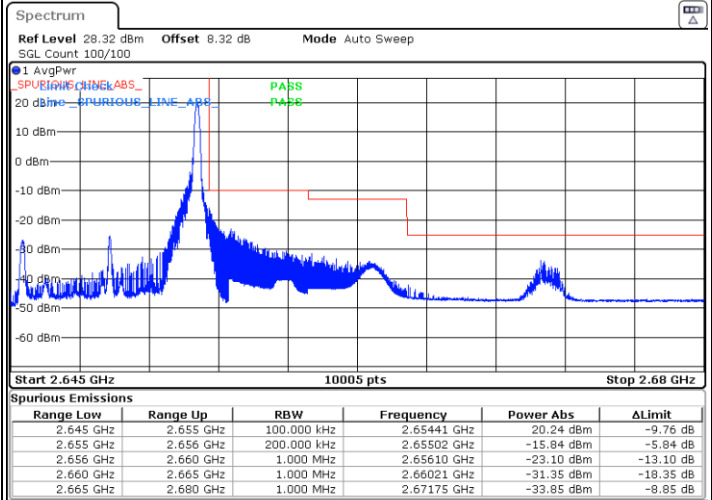
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



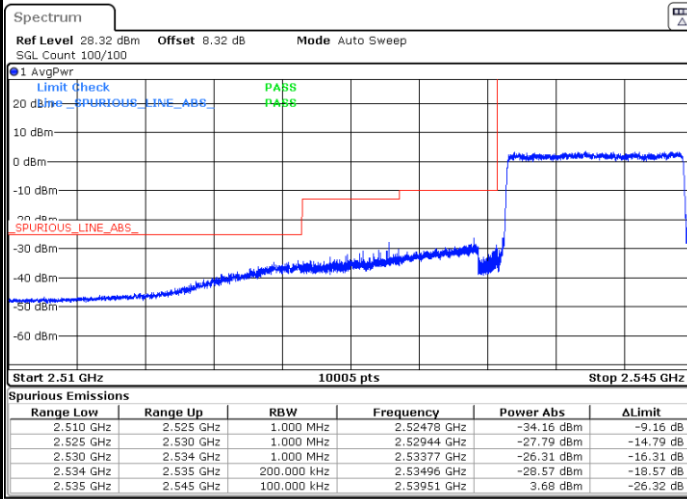
Date: 23.JUL.2025 10:07:15

Highest Band Edge / 1 RB



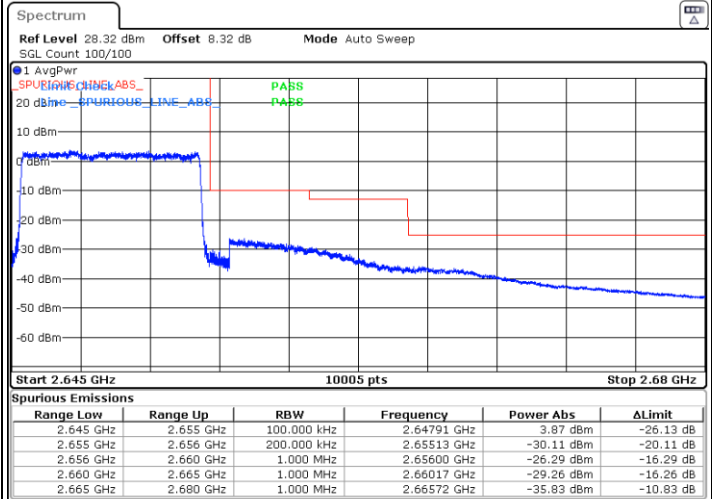
Date: 23.JUL.2025 10:18:48

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:11:09

Highest Band Edge / Full RB

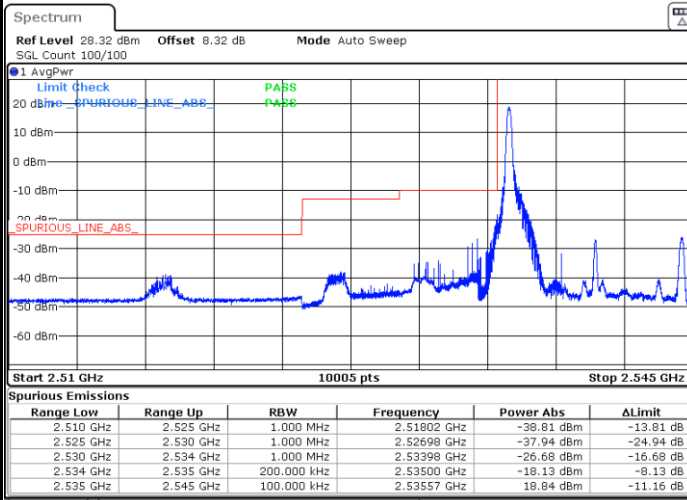


Date: 23.JUL.2025 10:14:59



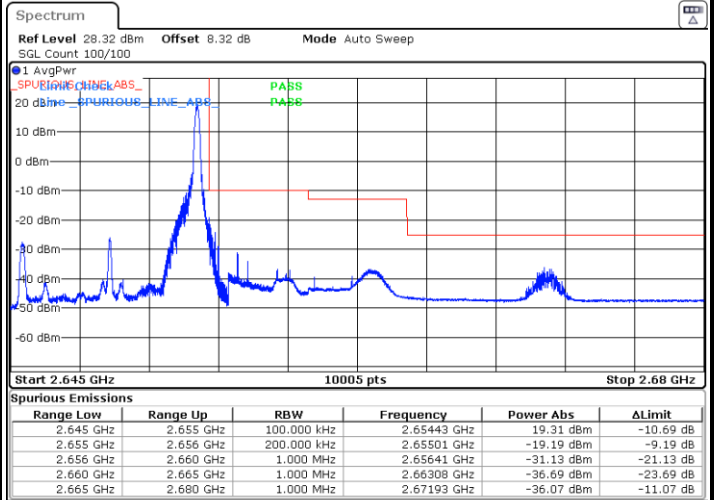
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



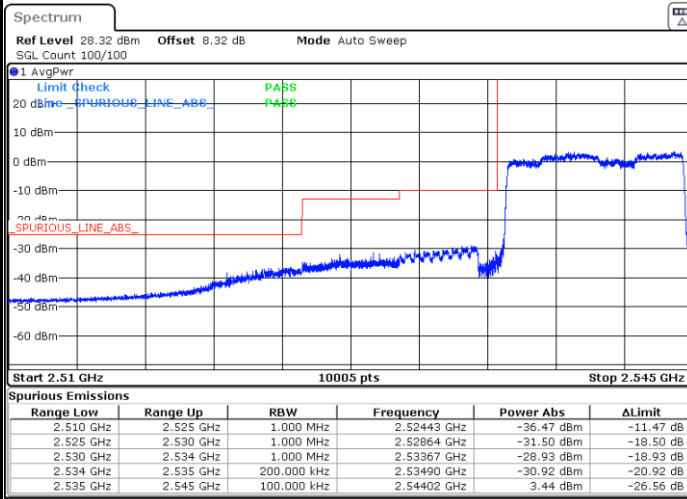
Date: 23.JUL.2025 10:08:32

Highest Band Edge / 1 RB



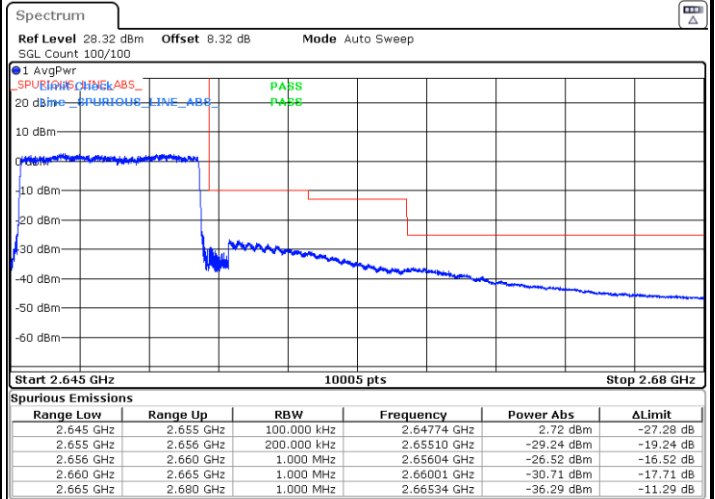
Date: 23.JUL.2025 10:17:32

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:09:50

Highest Band Edge / Full RB

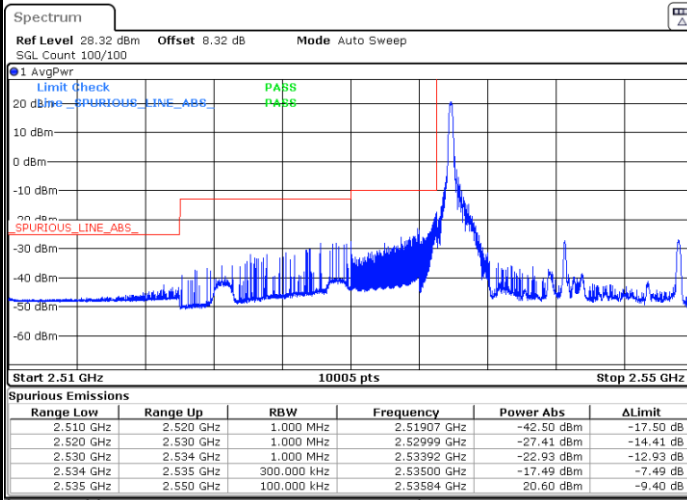


Date: 23.JUL.2025 10:16:15



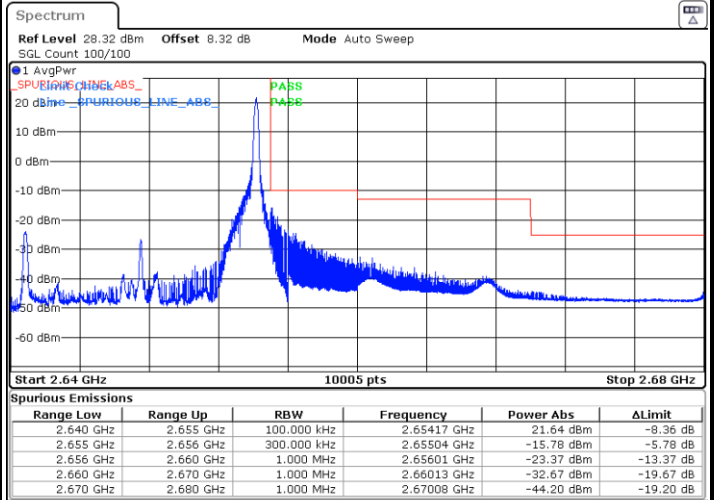
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



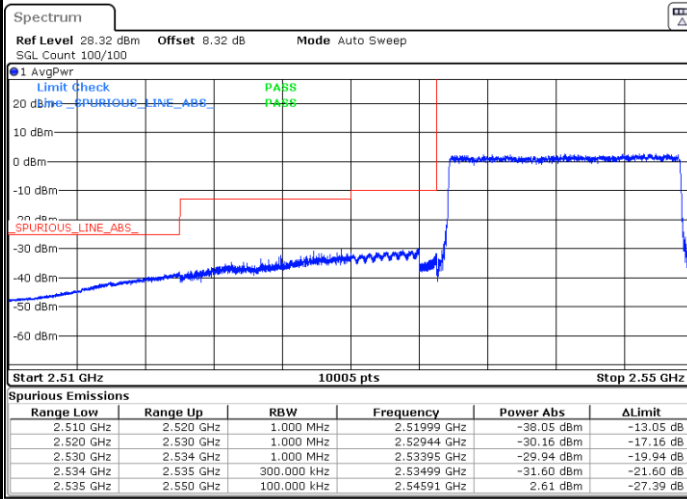
Date: 23.JUL.2025 10:21:22

Highest Band Edge / 1 RB



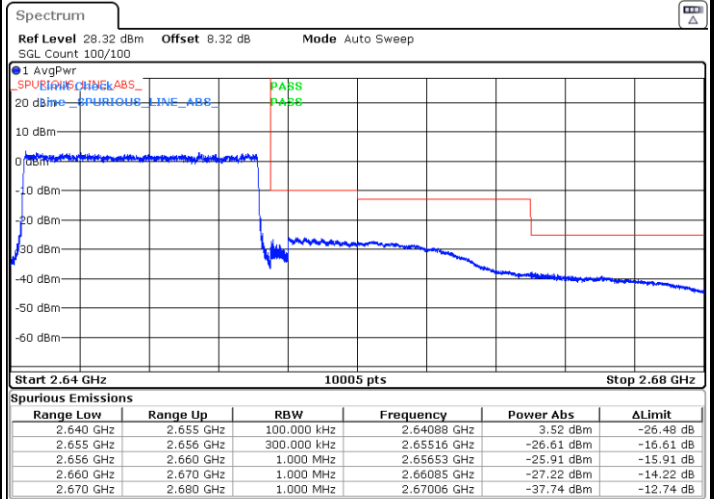
Date: 23.JUL.2025 10:35:44

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:27:53

Highest Band Edge / Full RB

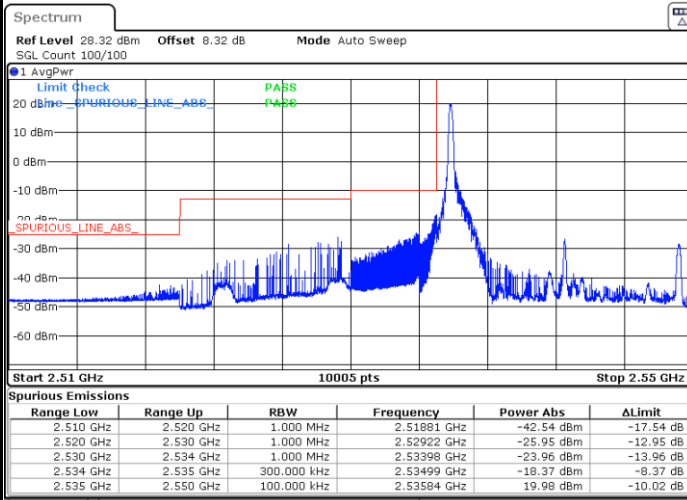


Date: 23.JUL.2025 10:29:11



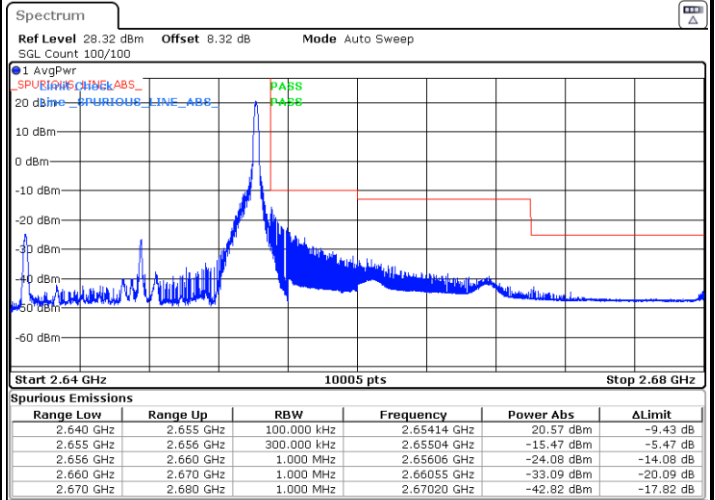
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



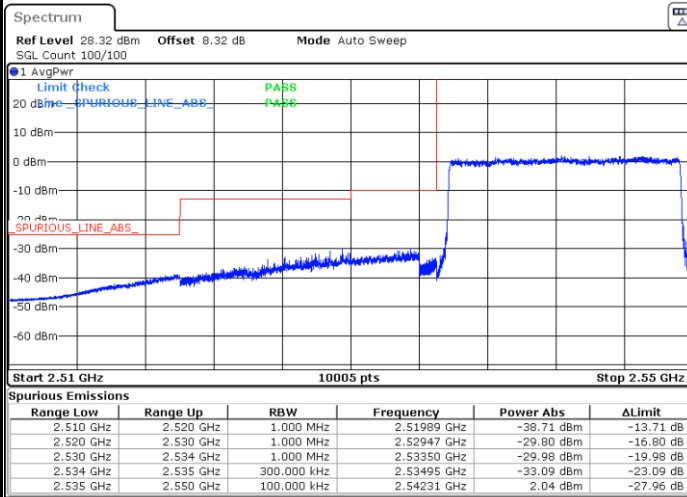
Date: 23.JUL.2025 10:22:40

Highest Band Edge / 1 RB



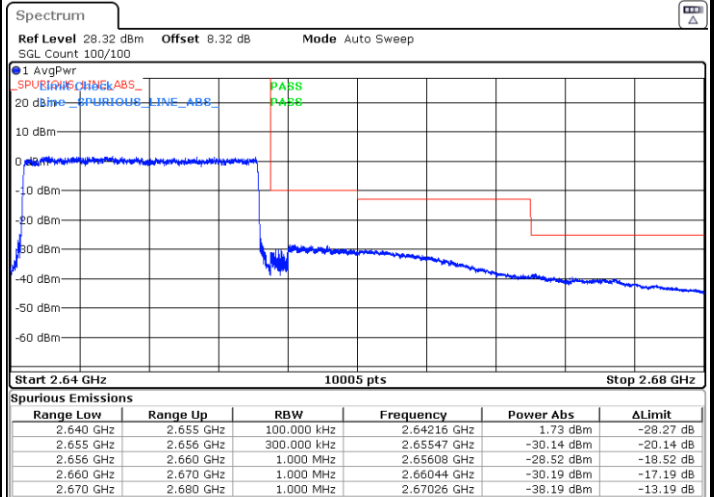
Date: 23.JUL.2025 10:34:25

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:26:35

Highest Band Edge / Full RB

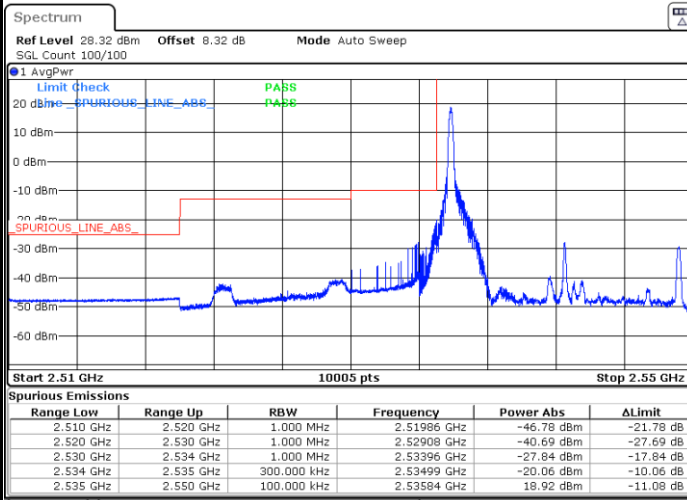


Date: 23.JUL.2025 10:30:30



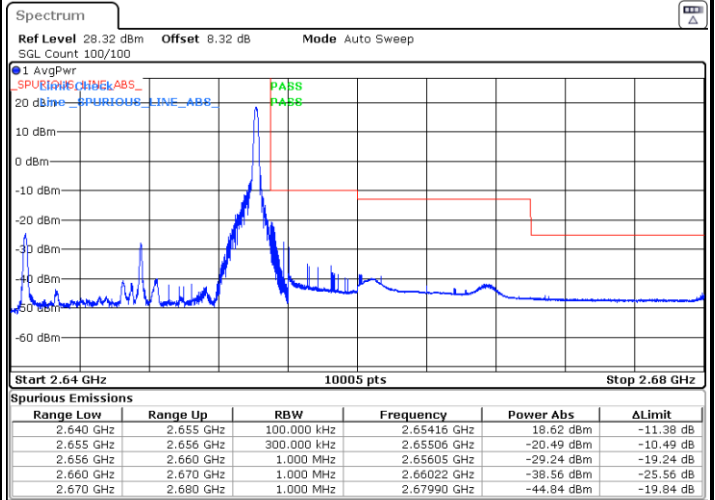
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



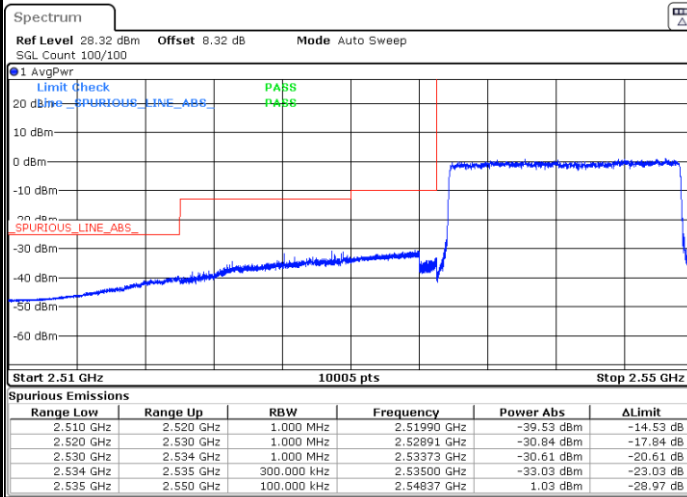
Date: 23.JUL.2025 10:23:58

Highest Band Edge / 1 RB



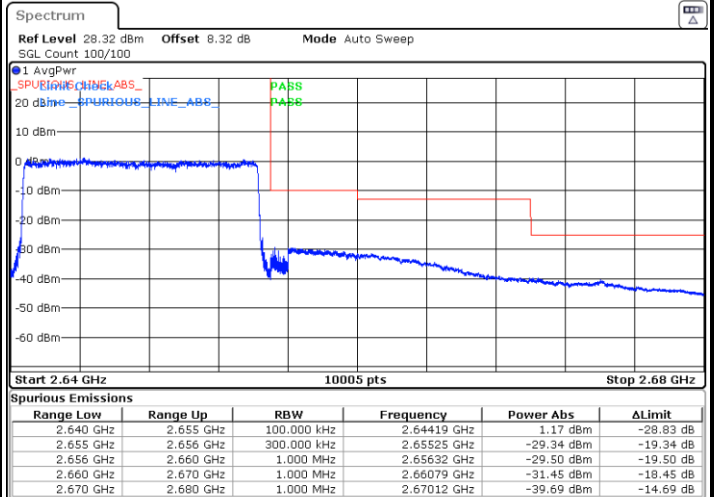
Date: 23.JUL.2025 10:33:07

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:25:16

Highest Band Edge / Full RB

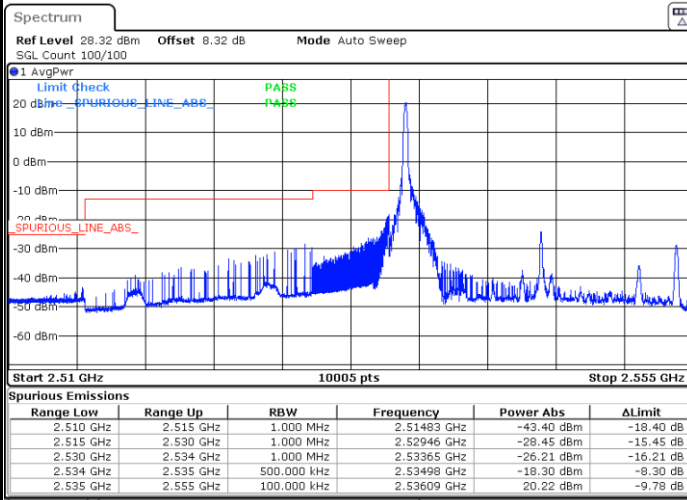


Date: 23.JUL.2025 10:31:48



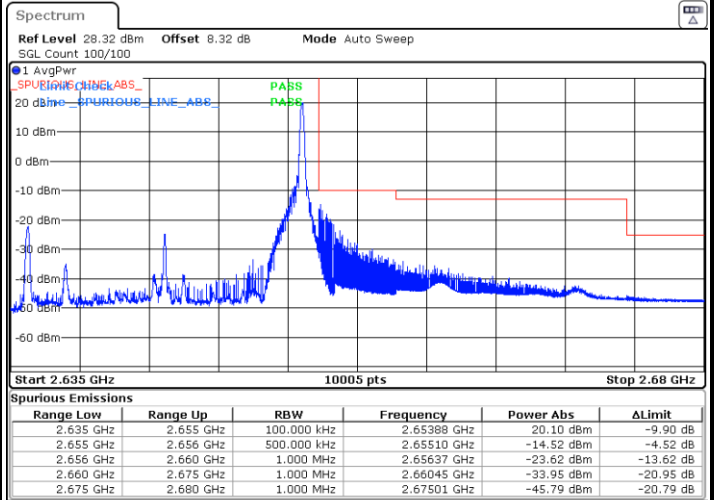
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



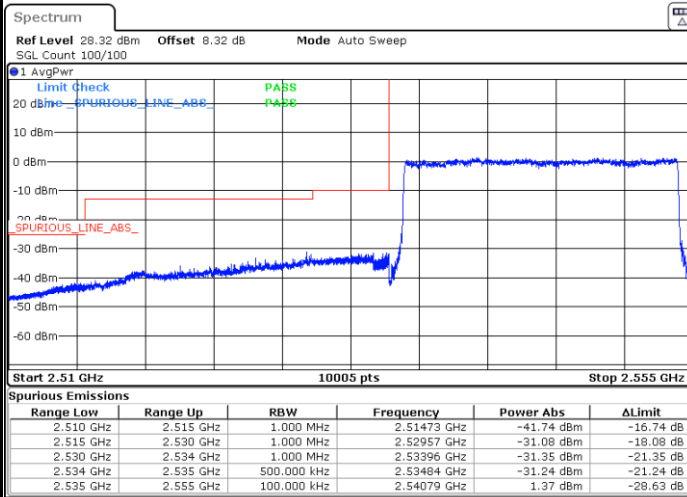
Date: 23.JUL.2025 10:37:02

Highest Band Edge / 1 RB



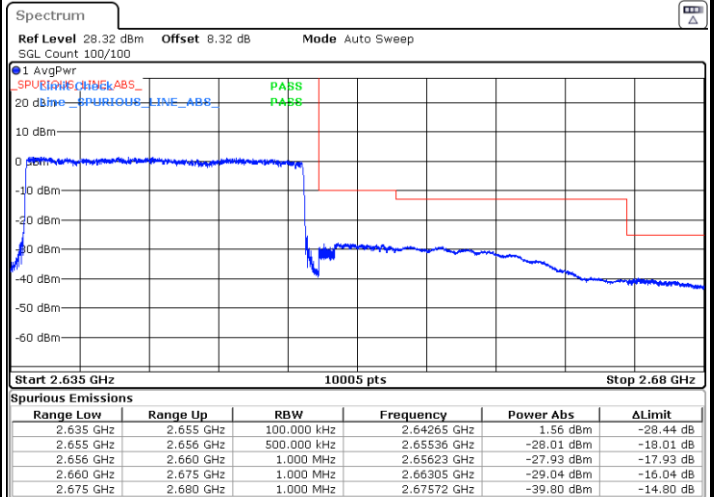
Date: 23.JUL.2025 10:51:24

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:43:33

Highest Band Edge / Full RB

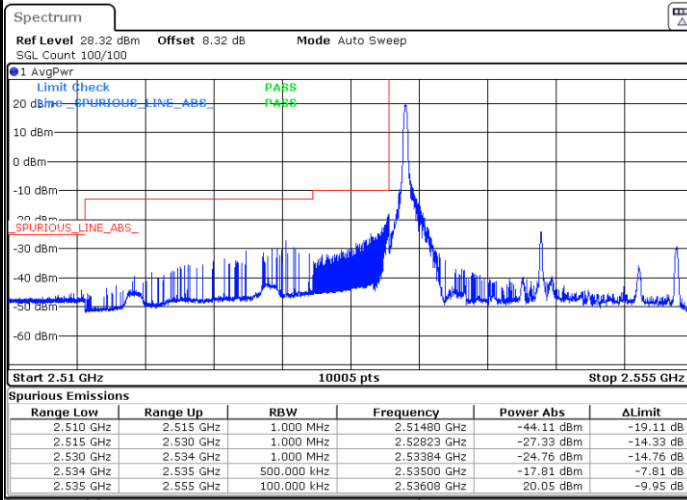


Date: 23.JUL.2025 10:44:52



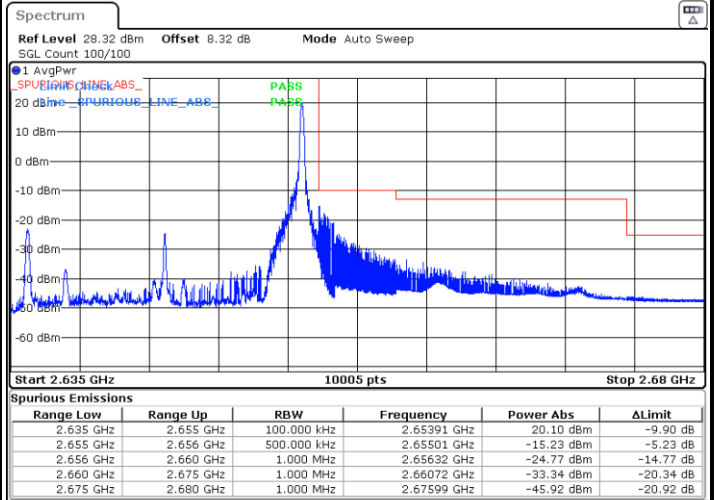
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



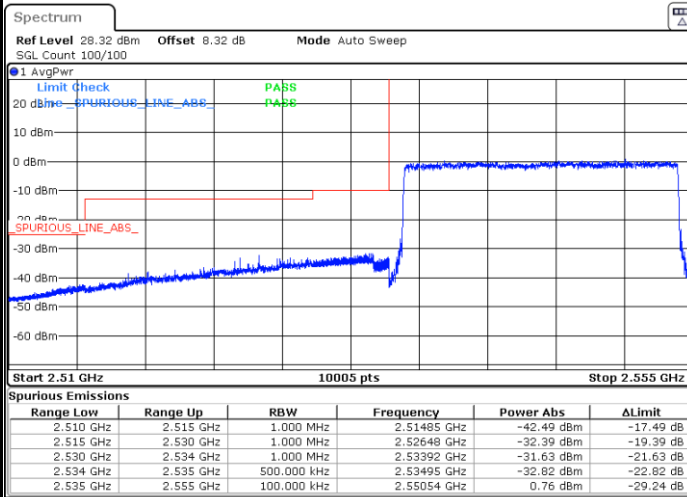
Date: 23.JUL.2025 10:38:21

Highest Band Edge / 1 RB



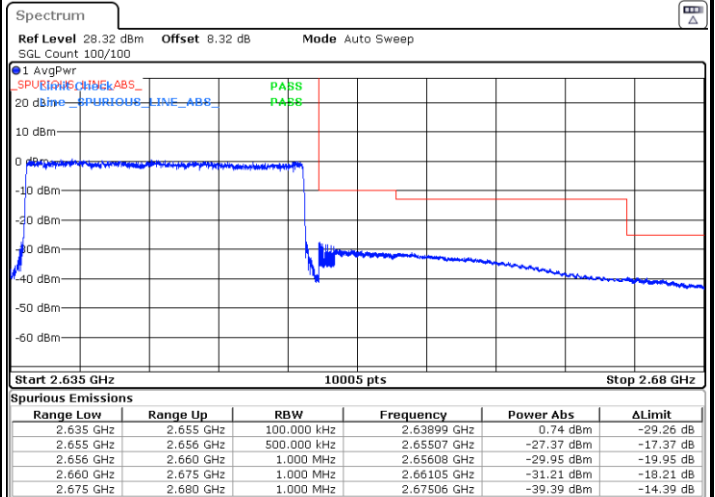
Date: 23.JUL.2025 10:50:05

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:42:15

Highest Band Edge / Full RB

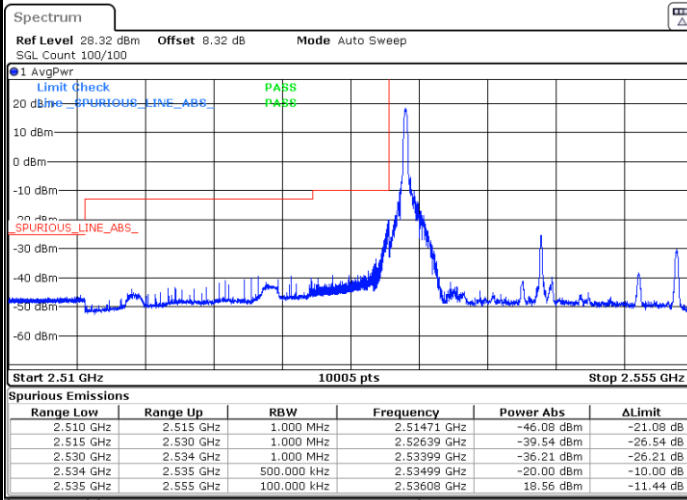


Date: 23.JUL.2025 10:46:10



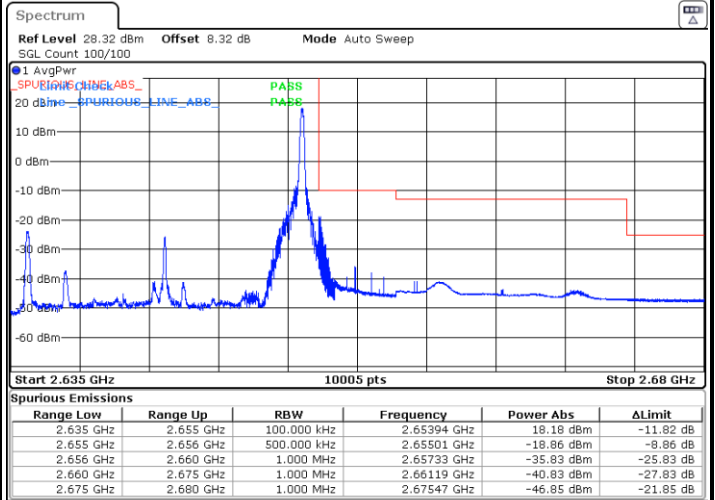
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



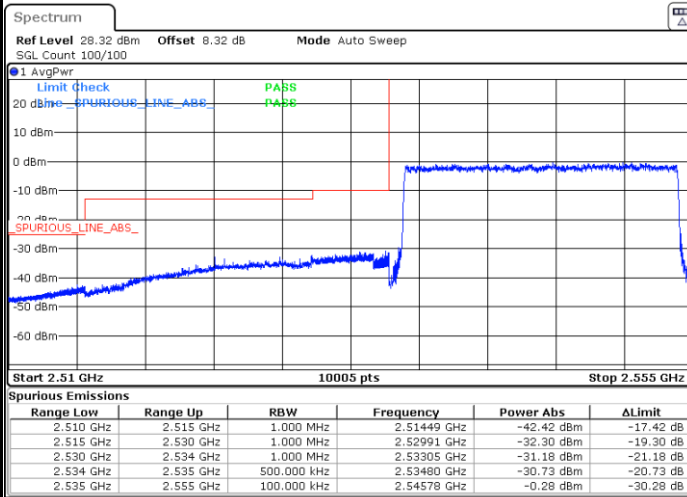
Date: 23.JUL.2025 10:39:39

Highest Band Edge / 1 RB



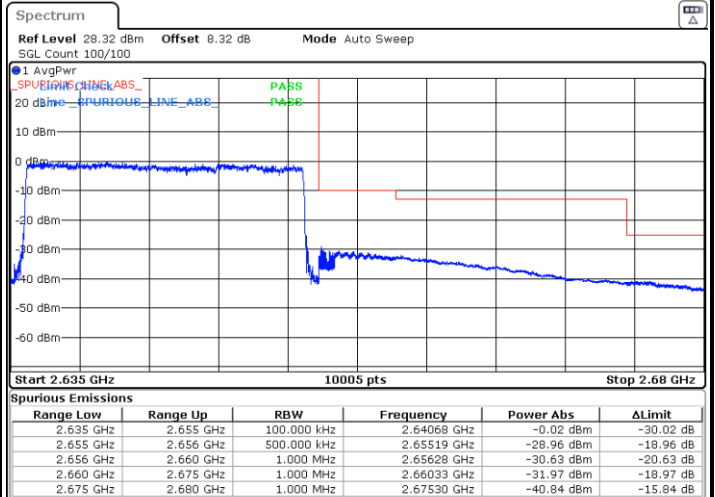
Date: 23.JUL.2025 10:48:47

Lowest Band Edge / Full RB



Date: 23.JUL.2025 10:40:57

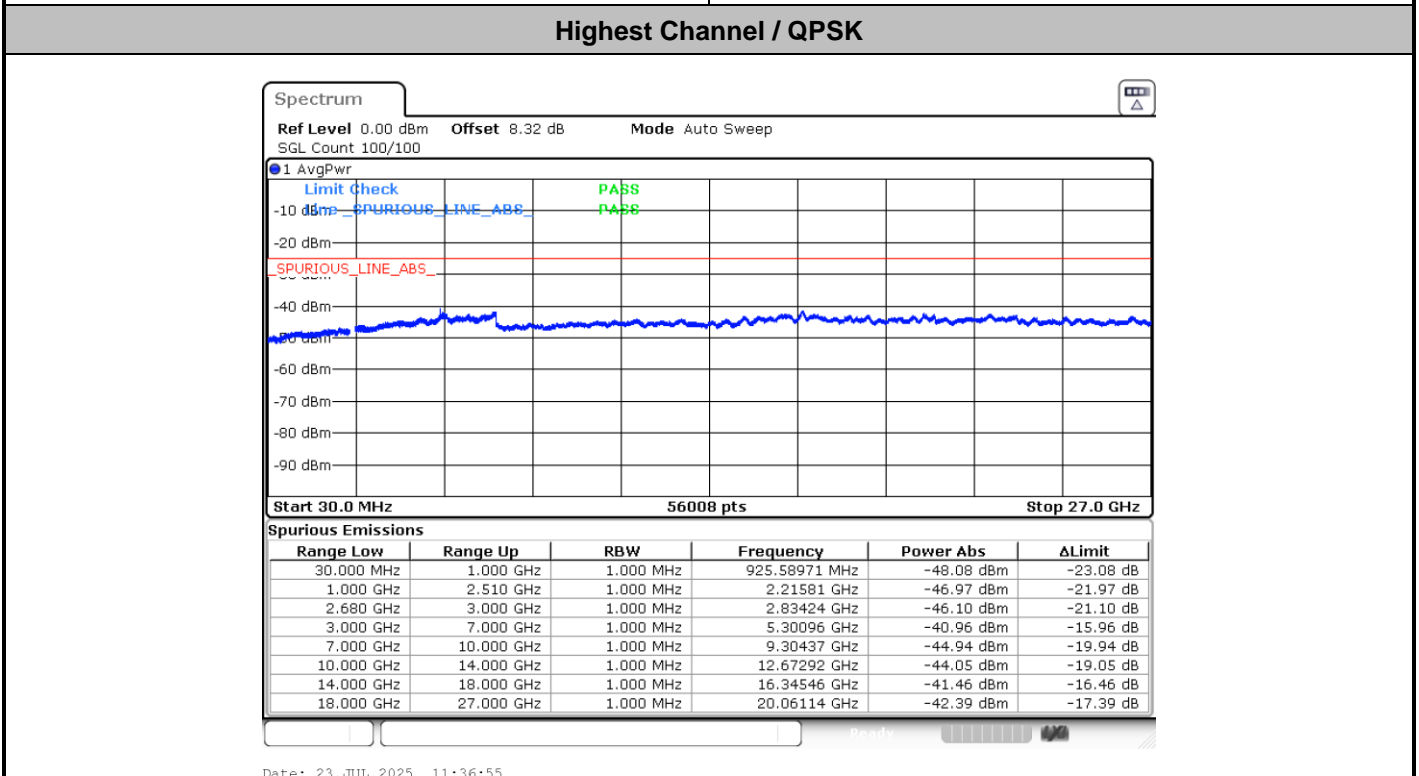
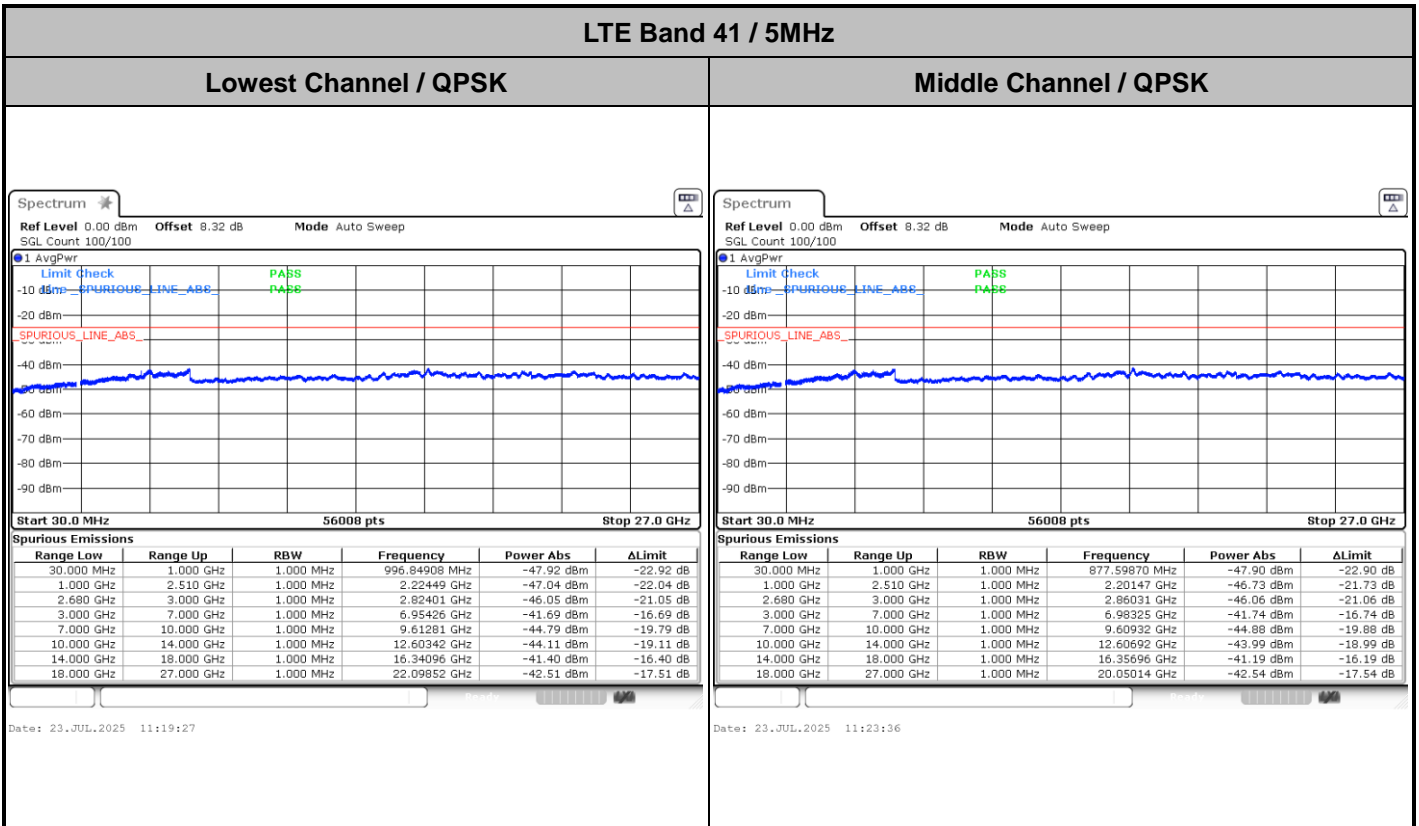
Highest Band Edge / Full RB



Date: 23.JUL.2025 10:47:29



# Conducted Spurious Emission

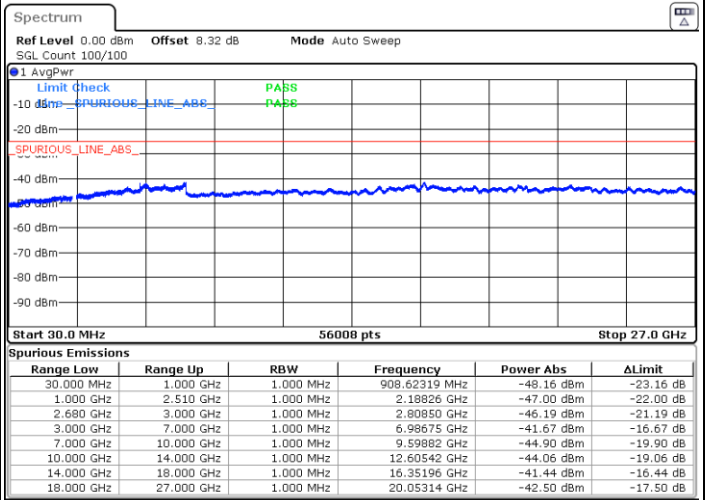
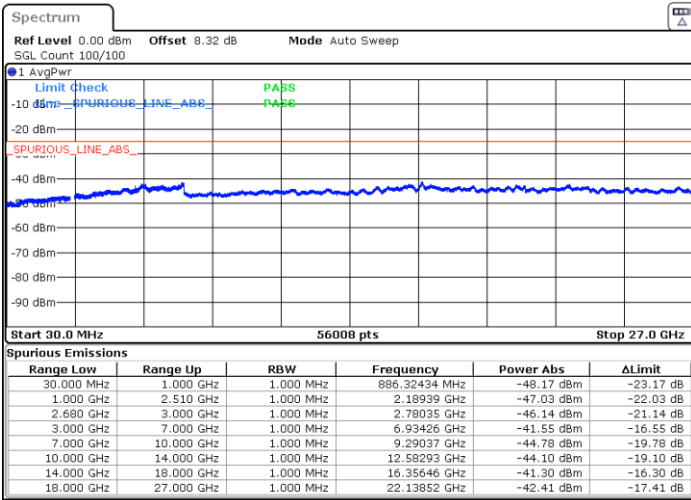




LTE Band 41 / 10MHz

Lowest Channel / QPSK

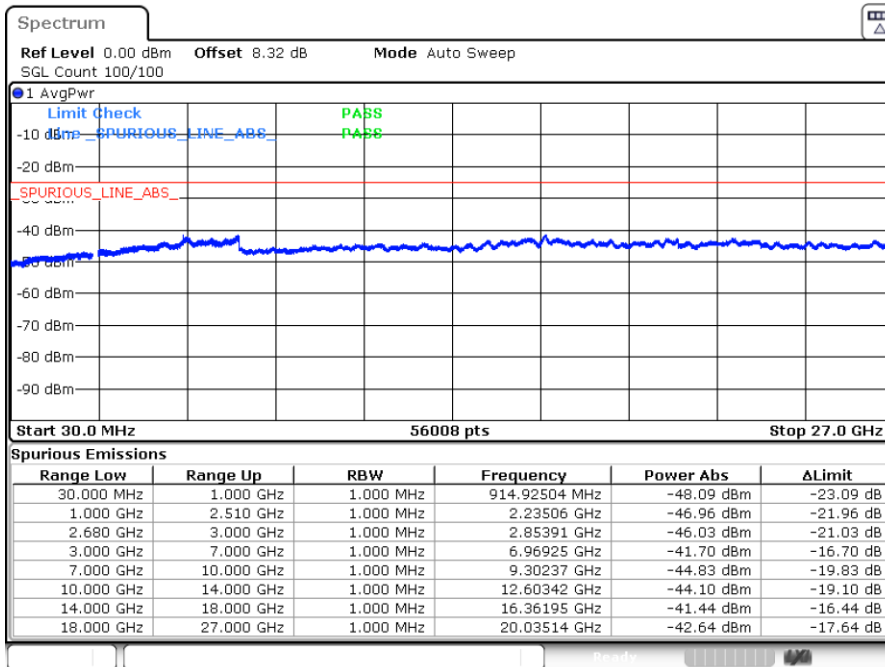
Middle Channel / QPSK



Date: 23.JUL.2025 11:41:29

Date: 23.JUL.2025 11:53:12

Highest Channel / QPSK

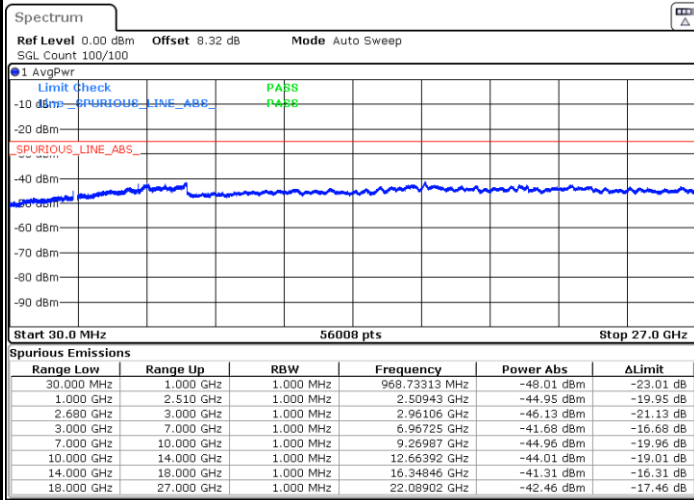


Date: 23.JUL.2025 11:58:42



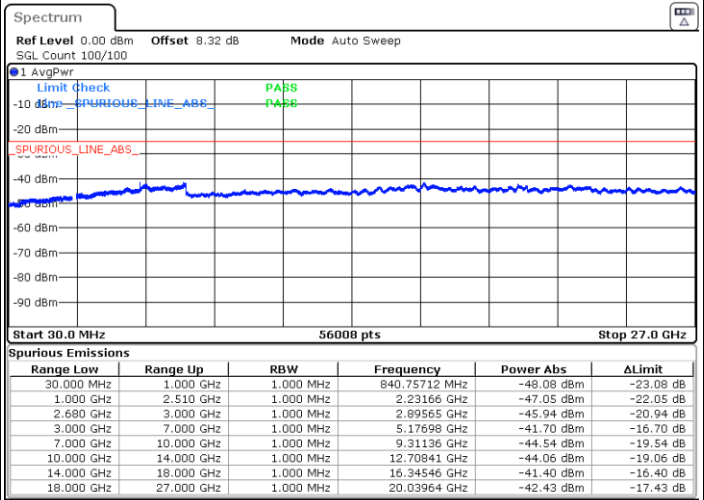
LTE Band 41 / 15MHz

Lowest Channel / QPSK



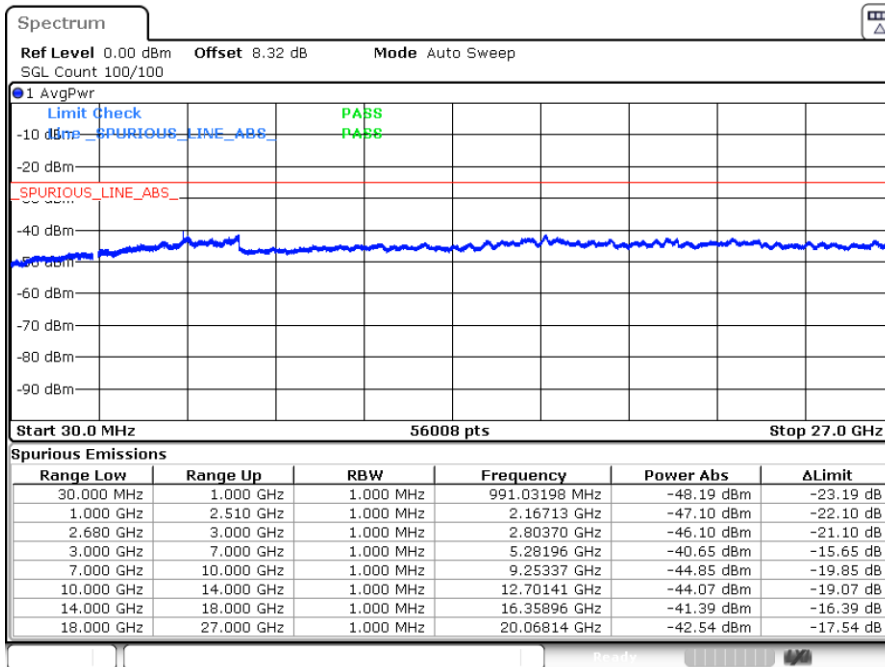
Date: 23.JUL.2025 12:02:57

Middle Channel / QPSK



Date: 23.JUL.2025 12:18:48

Highest Channel / QPSK



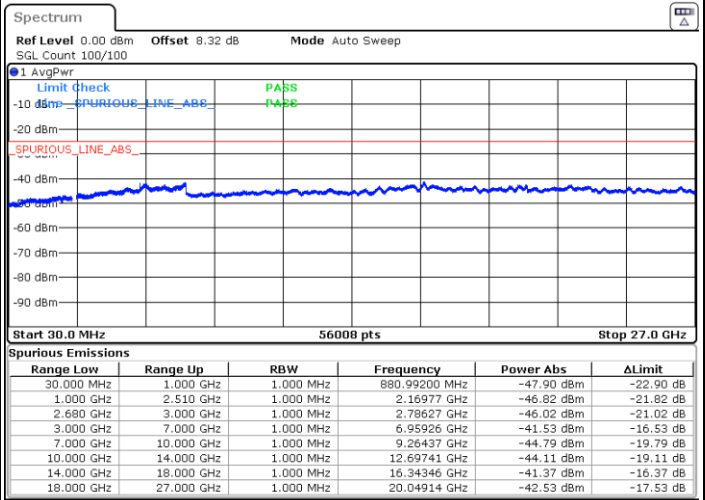
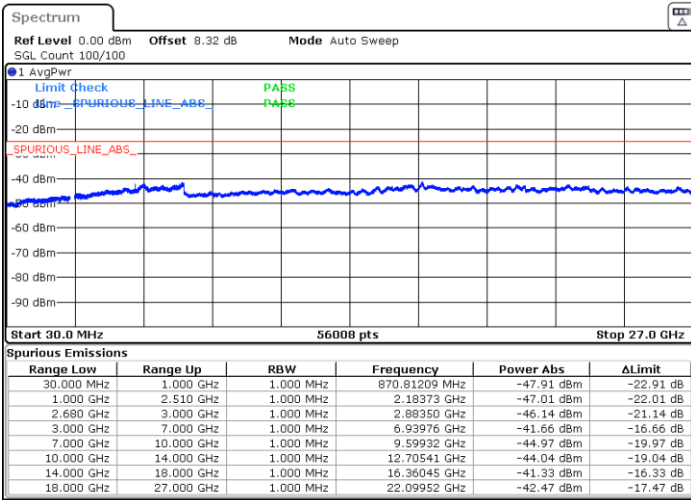
Date: 23.JUL.2025 13:26:38



LTE Band 41 / 20MHz

Lowest Channel / QPSK

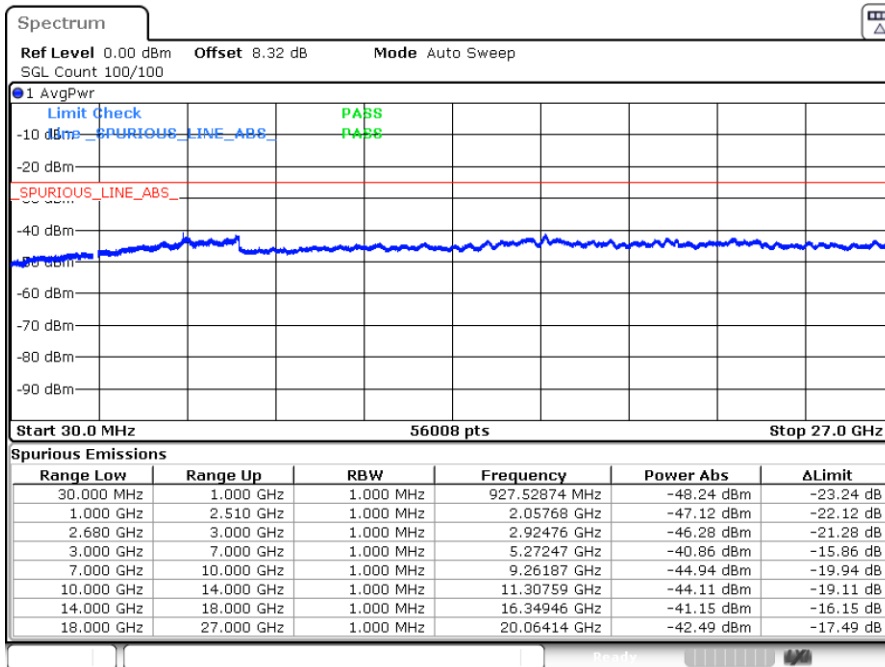
Middle Channel / QPSK



Date: 23.JUL.2025 13:31:02

Date: 23.JUL.2025 13:35:01

Highest Channel / QPSK



Date: 23.JUL.2025 13:42:59



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25°C
		Relative Humidity :	51~53%

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

LTE Band 5 / 10MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-56.66	-13	-43.66	-63.63	1.58	10.70	H
	2496	-58.62	-13	-45.62	-66.87	2.102	12.50	H
	3328	-58.05	-13	-45.05	-66.94	2.856	13.90	H
	1664	-50.61	-13	-37.61	-57.58	1.58	10.70	V
	2496	-57.30	-13	-44.30	-65.55	2.10	12.50	V
	3328	-58.40	-13	-45.40	-67.29	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK / ANT1								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5050	-54.95	-25	-29.95	-65.16	3.03	13.24	H
	7584	-51.34	-25	-26.34	-60.79	3.56	13.01	H
	10104	-47.31	-25	-22.31	-56.83	3.92	13.44	H
	5050	-57.73	-25	-32.73	-67.94	3.03	13.24	V
	7584	-58.40	-25	-33.40	-67.85	3.56	13.01	V
	10104	-55.45	-25	-30.45	-64.97	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5176	-48.65	-25	-23.65	-58.86	3.03	13.24	H
	7752	-52.49	-25	-27.49	-61.94	3.56	13.01	H
	10342	-53.45	-25	-28.45	-62.97	3.92	13.44	H
	5176	-44.23	-25	-19.23	-54.44	3.03	13.24	V
	7752	-56.37	-25	-31.37	-65.82	3.56	13.01	V
	10342	-60.78	-25	-35.78	-70.30	3.92	13.44	V

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