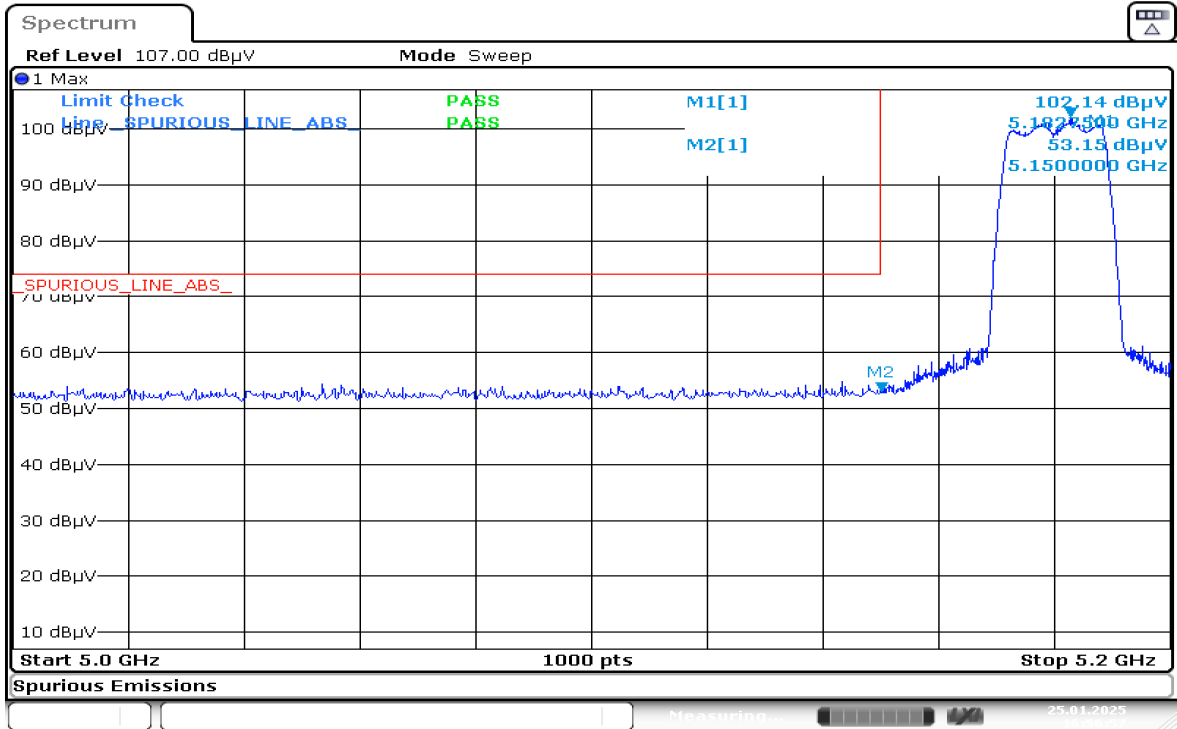
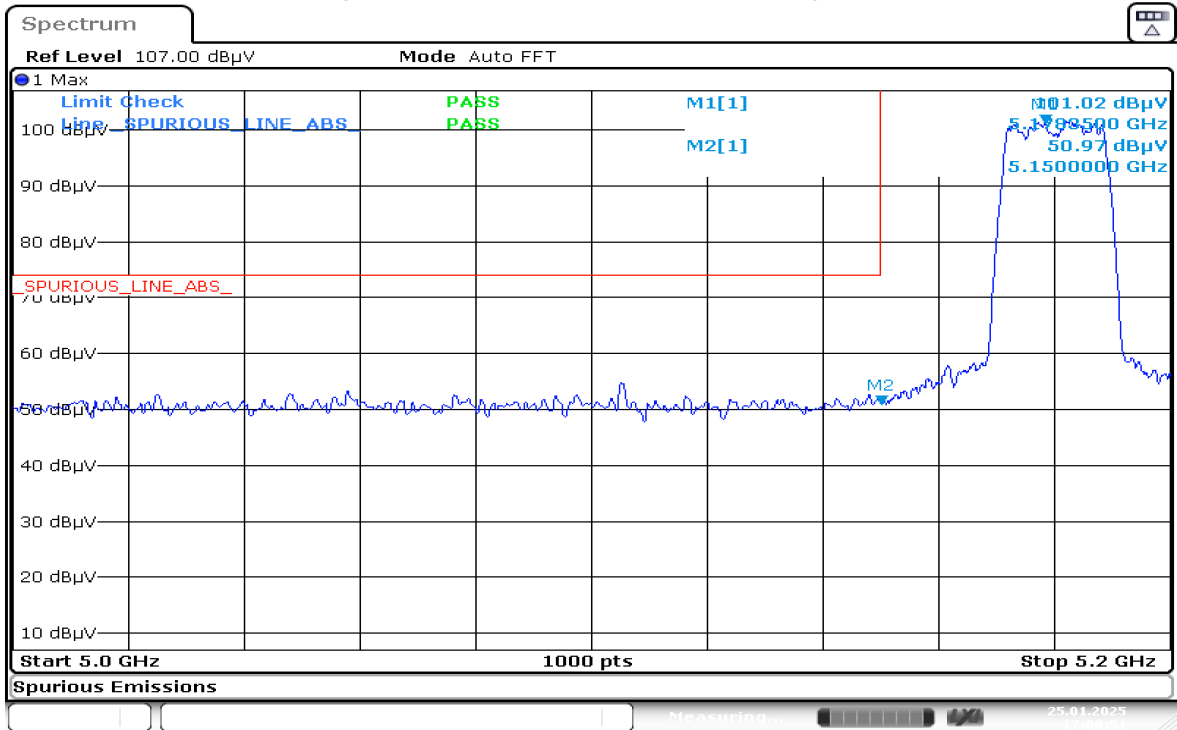


Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



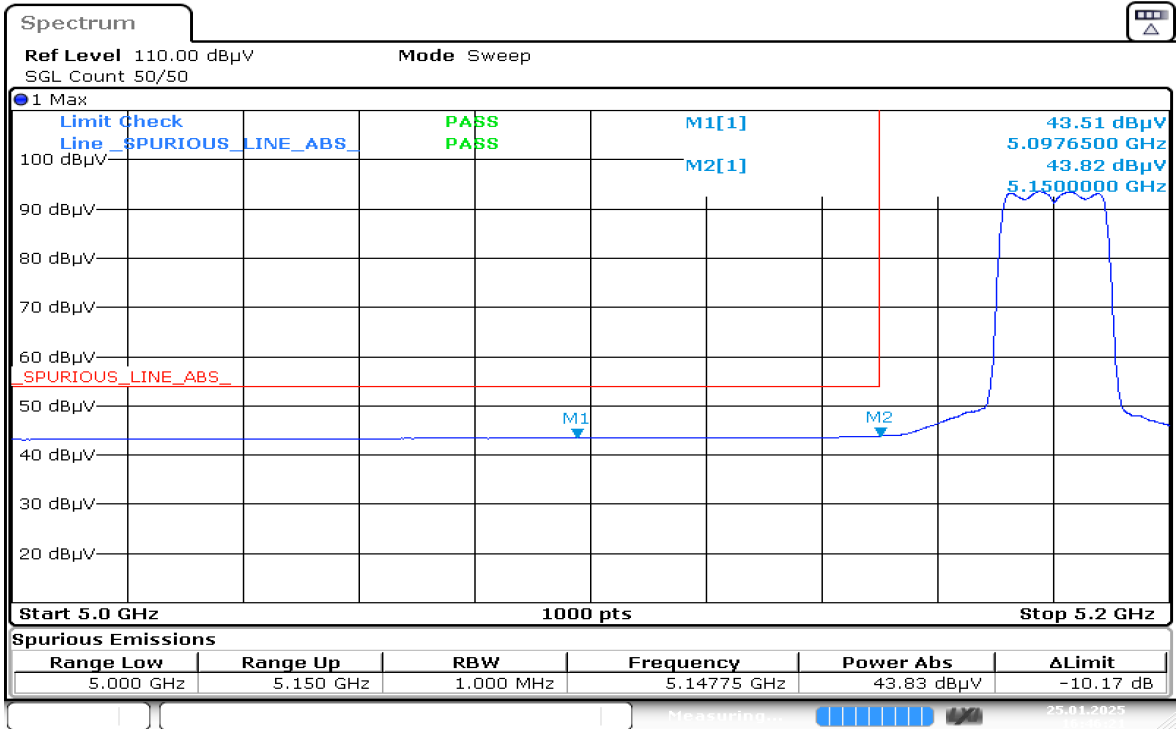
Date: 25.JAN.2025 16:56:57

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



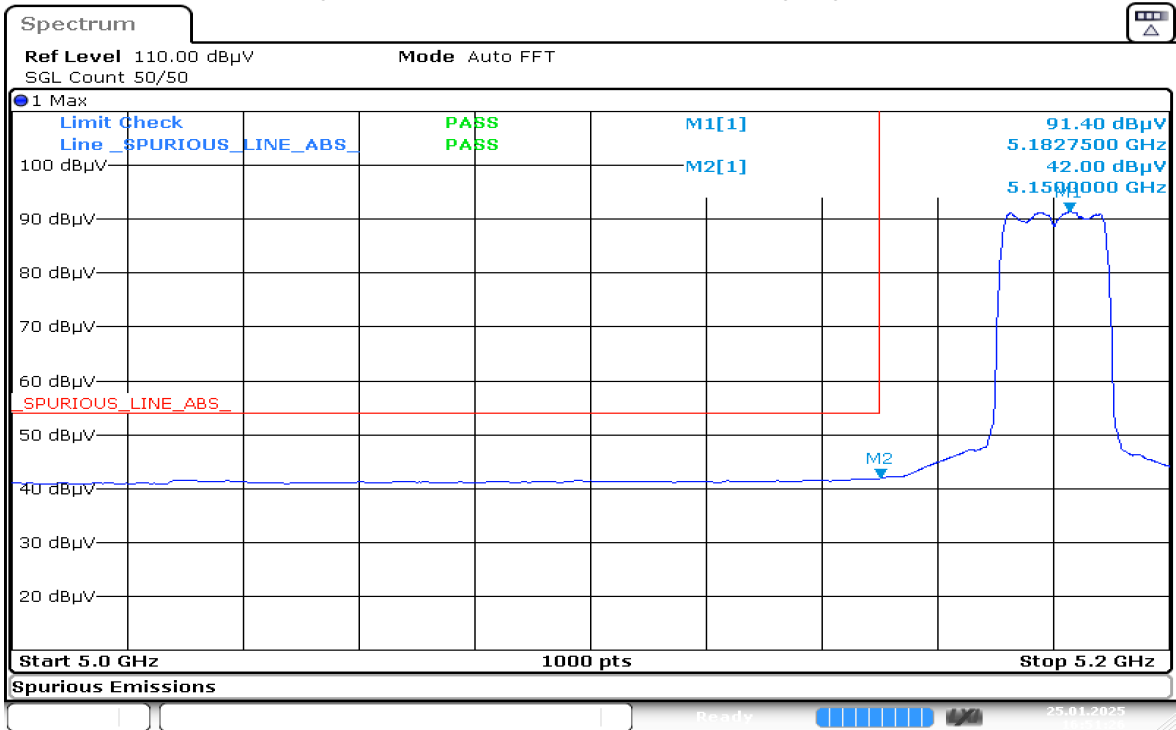
Date: 25.JAN.2025 17:00:51

Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



Date: 25.JAN.2025 16:46:21

Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



Date: 25.JAN.2025 16:51:27

Spectrum

Ref Level 107.00 dBμV Mode Sweep

1 Max

SPURIOUS LINE ABS M1

100 dBμV

90 dBμV

80 dBμV

70 dBμV

60 dBμV

50 dBμV

40 dBμV

30 dBμV

20 dBμV

10 dBμV

Start 5.3 GHz 1000 pts Stop 5.4 GHz

SPURIOUS LINE ABS M1

PASS

PASS

M1[1]

100.41 dBμV

5.3169500 GHz

51.99 dBμV

5.3500000 GHz

M2

Measuring...

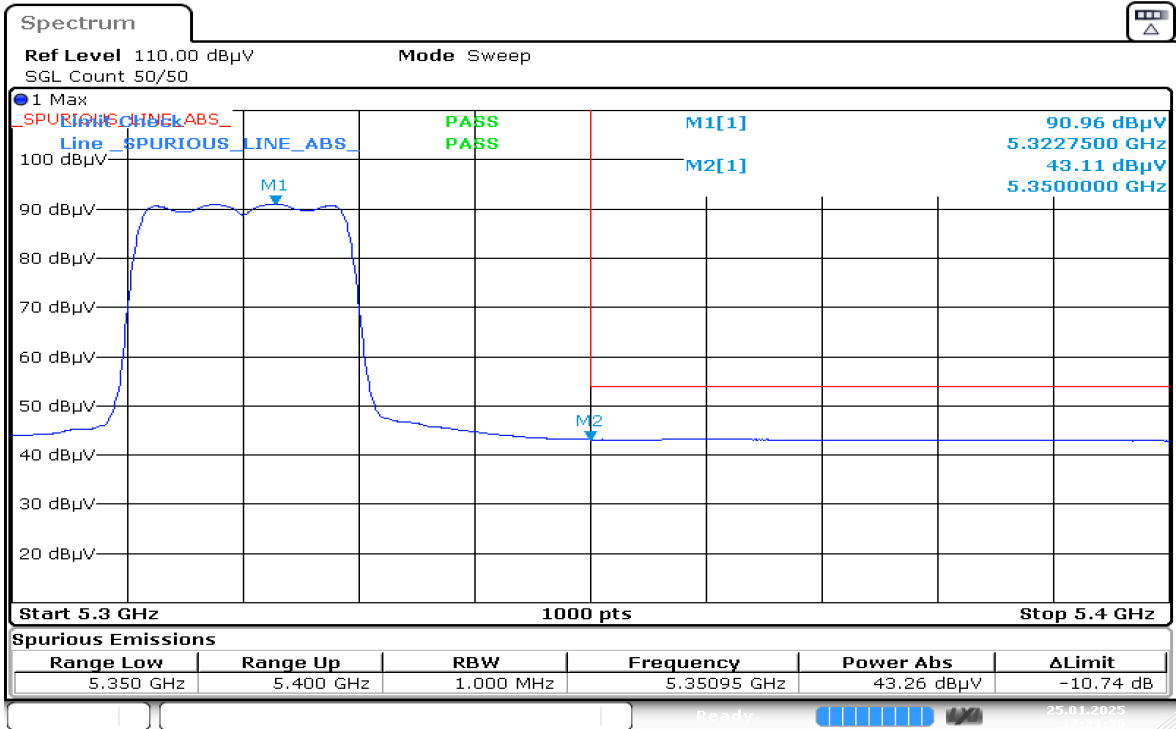
25.01.2025

The screenshot shows a Spectrum Analyzer interface with the following details:

- Title:** Spectrum
- Ref Level:** 107.00 dBμV
- Mode:** Auto FFT
- Y-axis:** Power level in dBμV, ranging from 10 to 100.
- X-axis:** Frequency in GHz, ranging from 5.3 to 5.4.
- Signal:** A blue trace labeled "1 Max" showing a signal that rises sharply from 5.3 GHz, peaks at approximately 100 dBμV, and then drops to a noise floor around 50 dBμV by 5.35 GHz.
- Annotations:**
 - "SPURIOUS LINE ABS" in red text near the peak of the signal.
 - "M1" and "M1[1]" in blue text near the peak.
 - "M2" and "M2[1]" in blue text near the noise floor.
 - "PASS" in green text in the center of the plot area.
- Readouts (Top Right):**
 - 100.90 dBμV
 - 5.3276500 GHz
 - 51.59 dBμV
 - 5.3500000 GHz
- Bottom Bar:**
 - Start 5.3 GHz
 - 1000 pts
 - Stop 5.4 GHz
 - Spurious Emissions

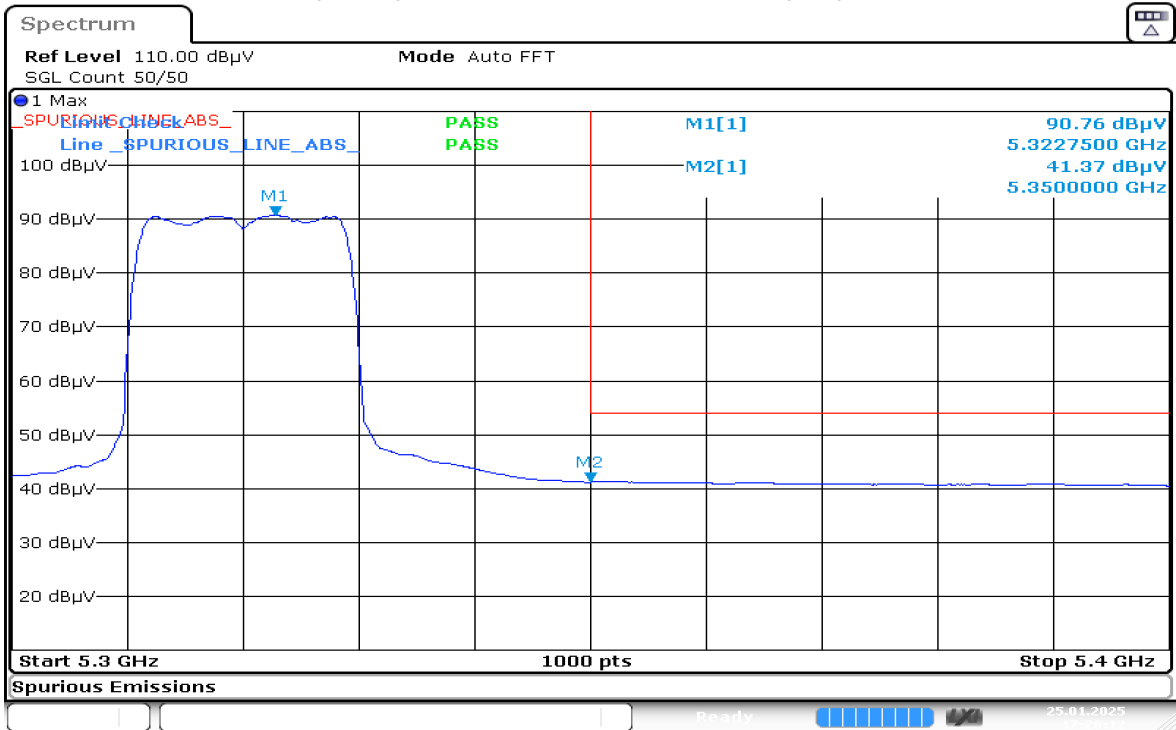
115

Restricted Band Edge (High Channel, Vertical, Average) graphical screen shot



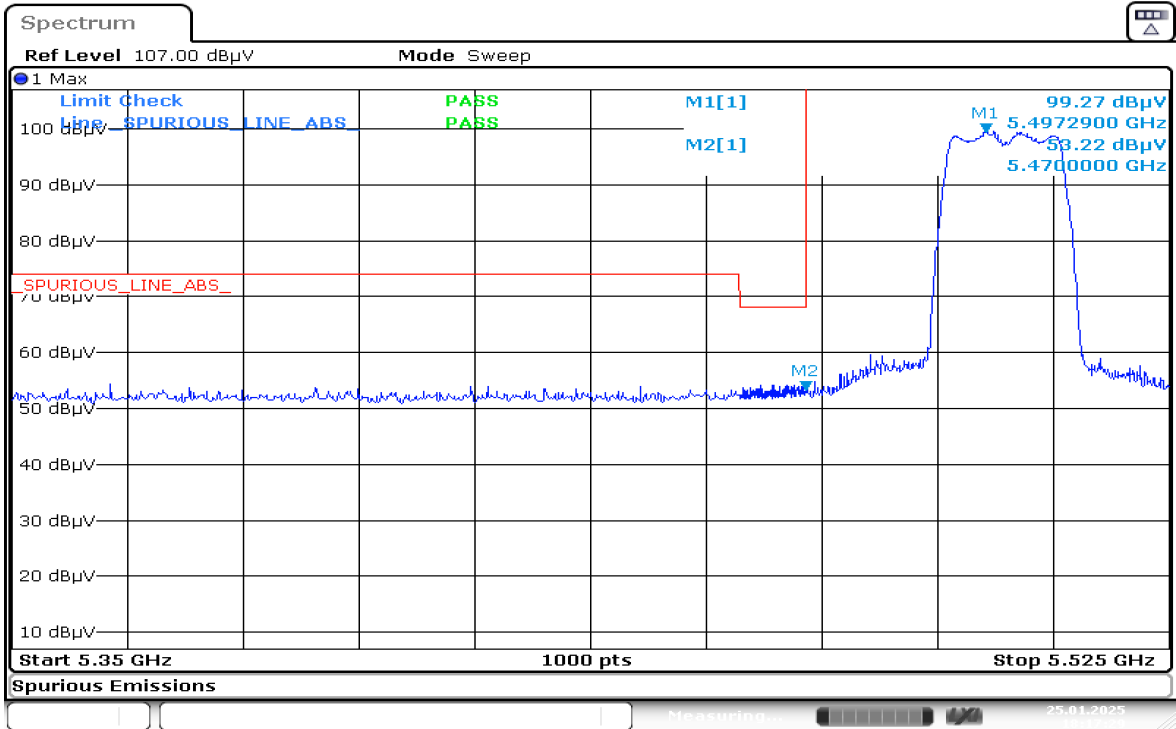
Date: 25.JAN.2025 17:21:37

Restricted Band Edge (High Channel, Horizontal, Average) graphical screen shot



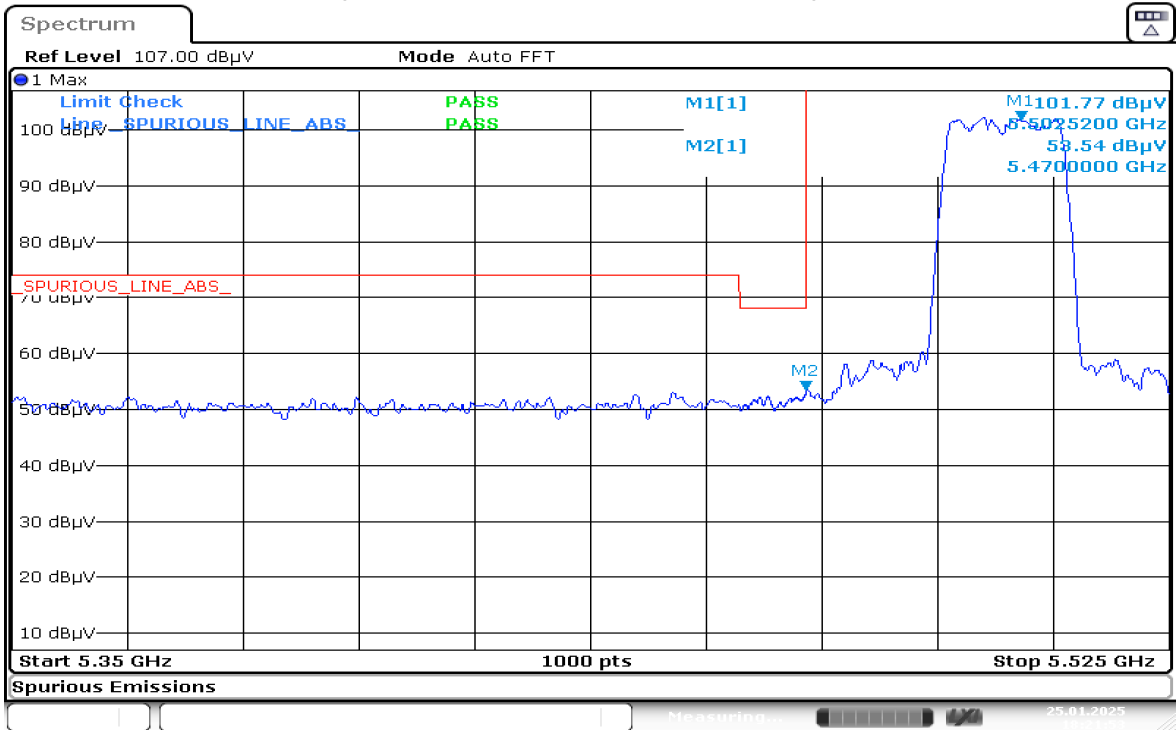
Date: 25.JAN.2025 17:26:13

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



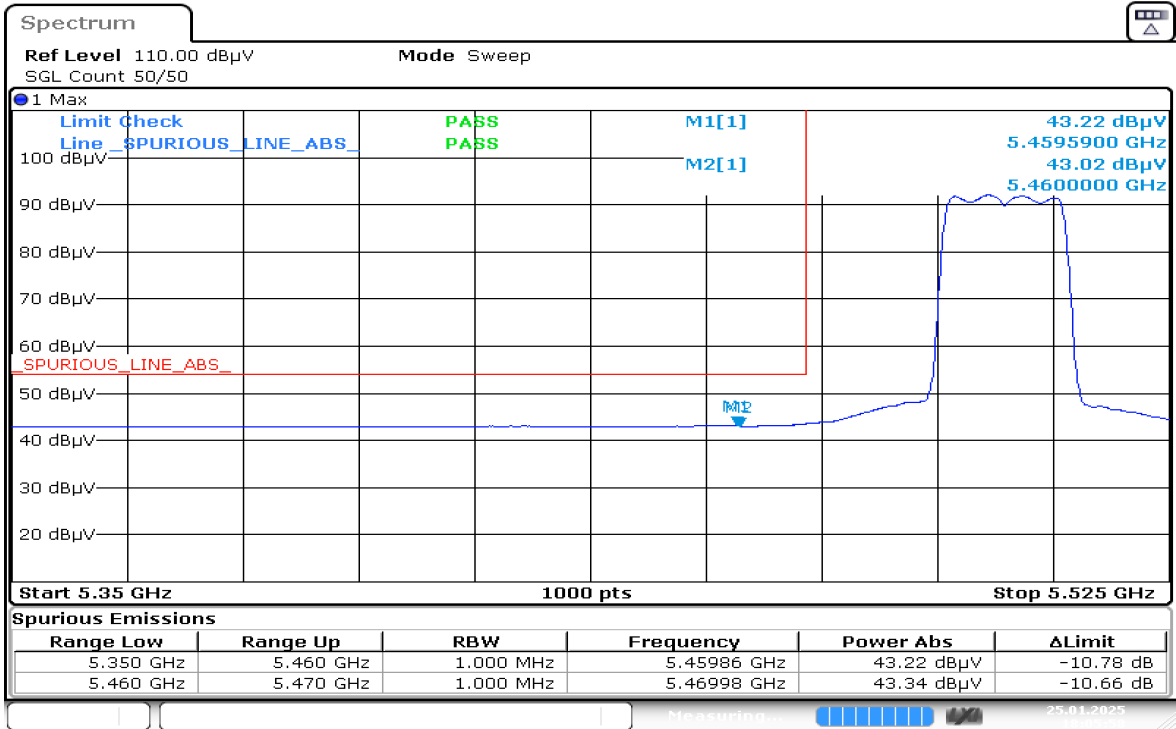
Date: 25.JAN.2025 18:17:29

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



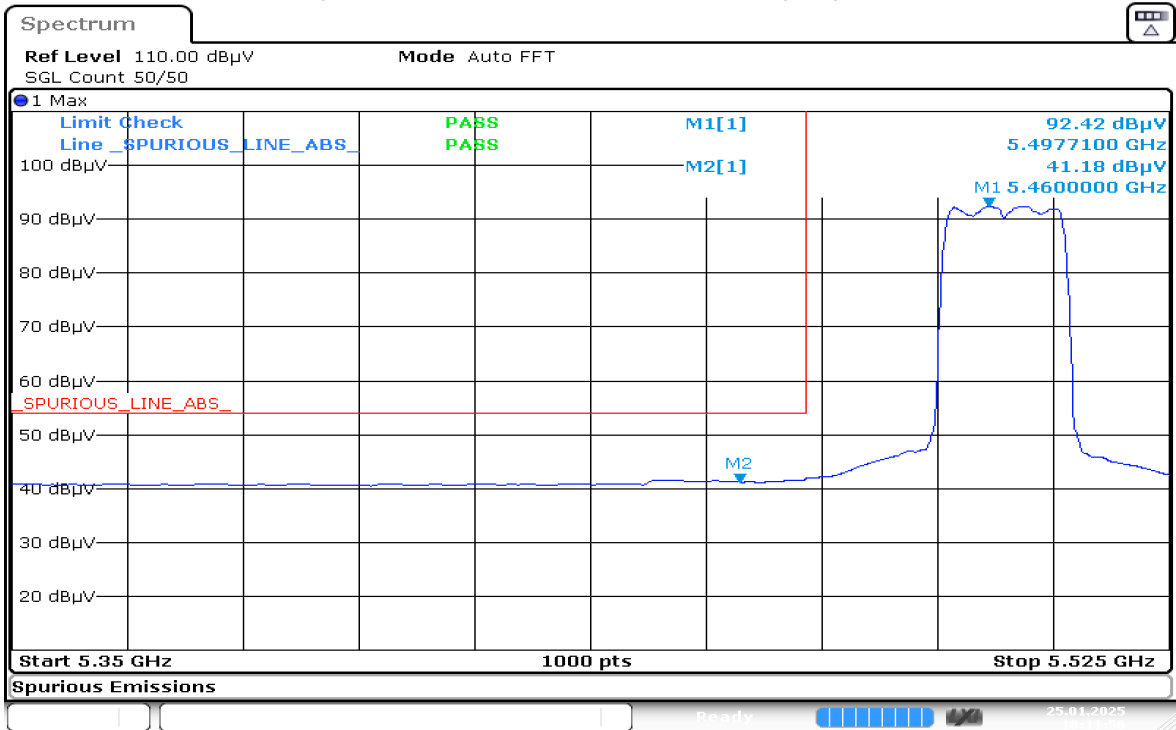
Date: 25.JAN.2025 18:21:53

Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



Date: 25.JAN.2025 18:05:58

Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



Date: 25.JAN.2025 18:11:56

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: High	Test Frequency: 5700.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11n20	Softpot power (9)

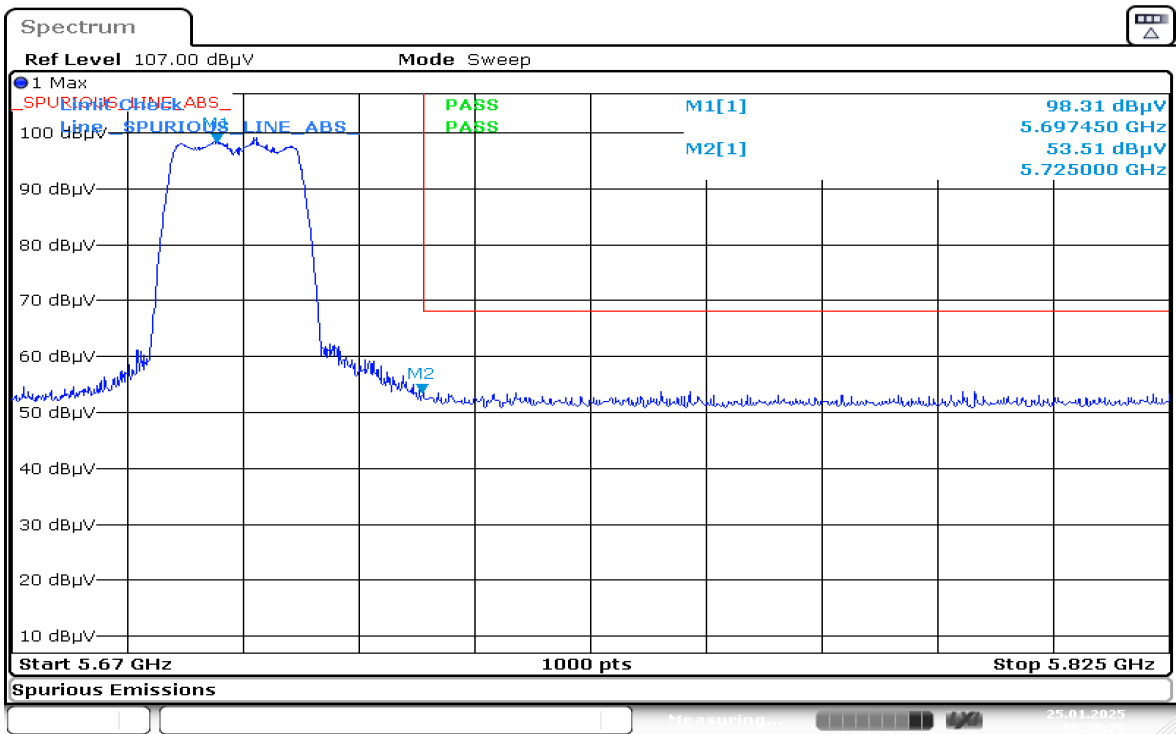
Restricted Band Edge (High Channel) tabular data

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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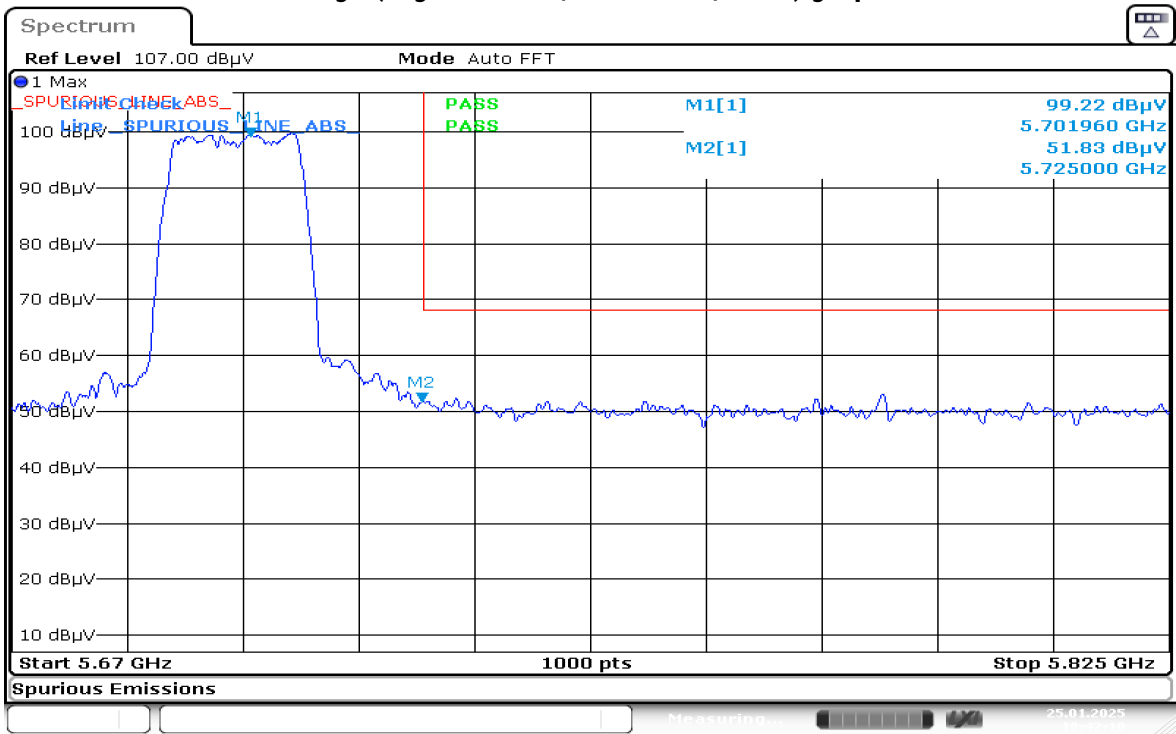
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Sun, 26 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



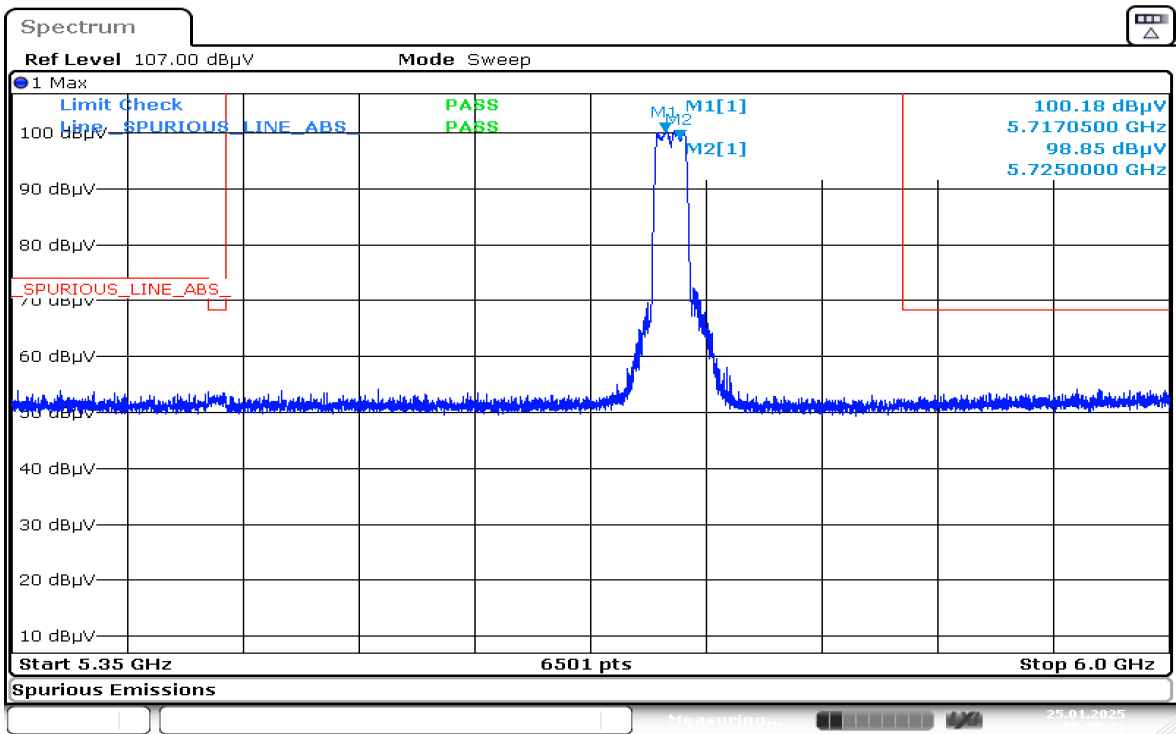
Date: 25. JAN. 2025 18:38:25

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



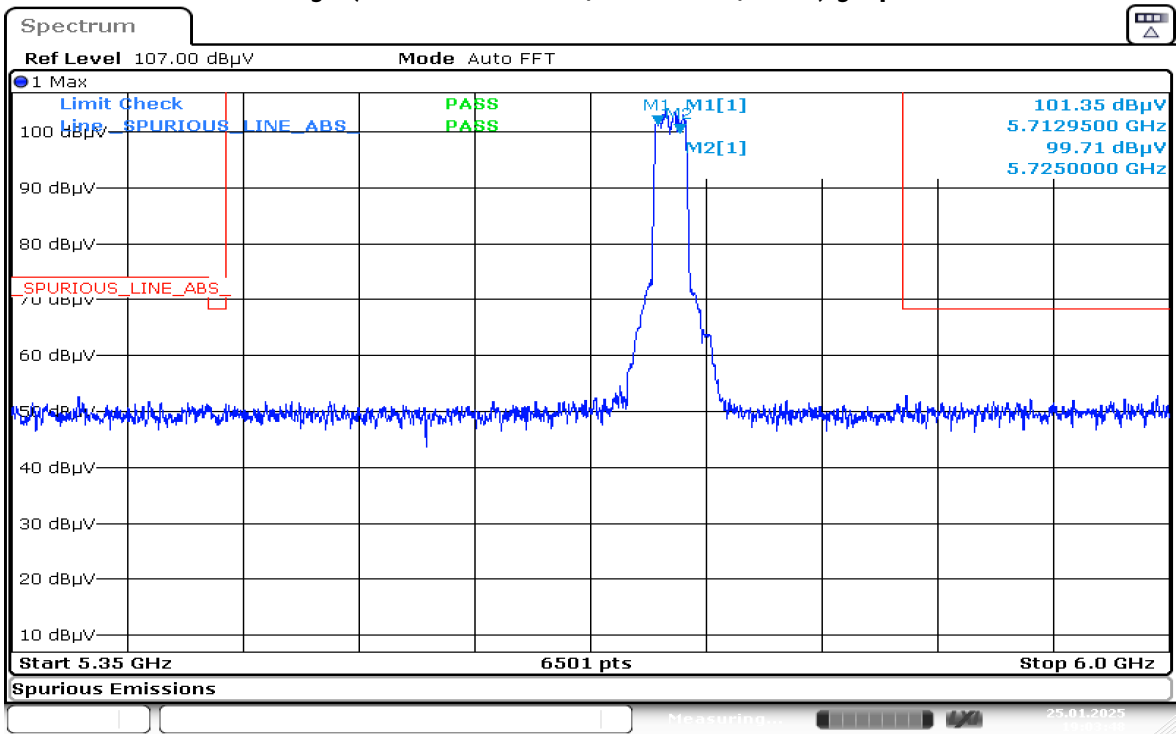
Date: 25. JAN. 2025 18:42:10

Restricted Band Edge (Straddle Channel, Vertical, Peak) graphical screen shot



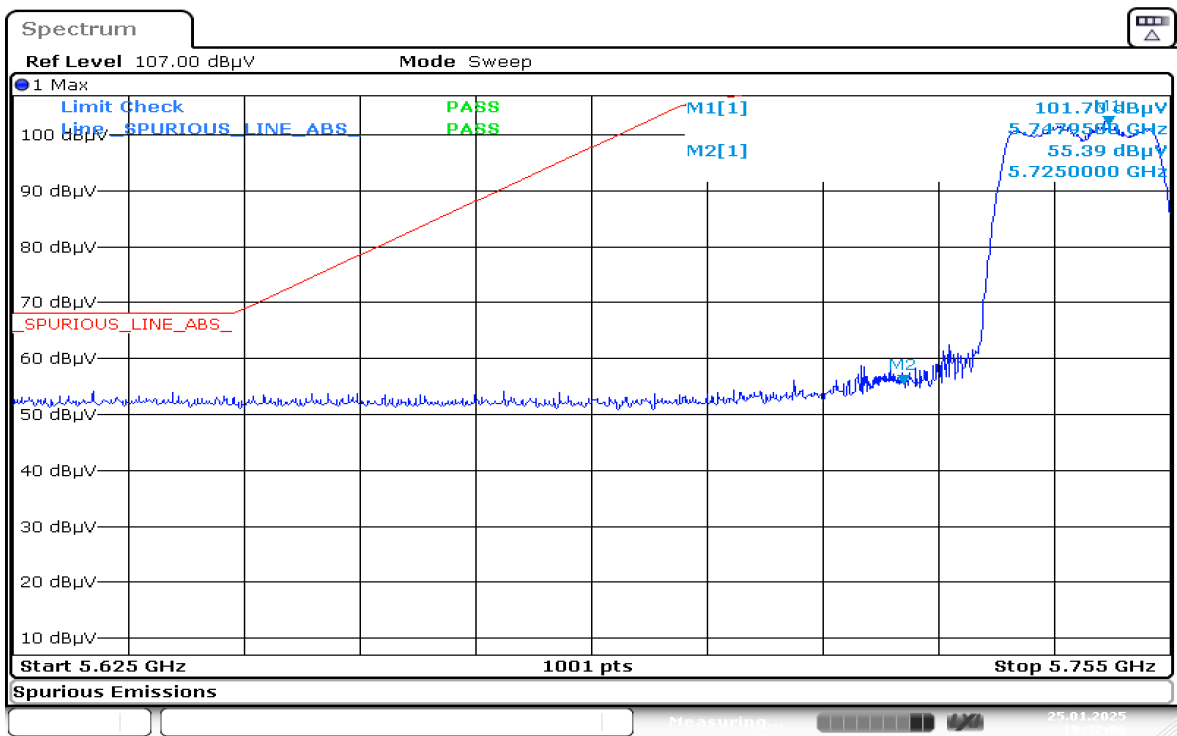
Date: 25.JAN.2025 18:59:41

Restricted Band Edge (Straddle Channel, Horizontal, Peak) graphical screen shot



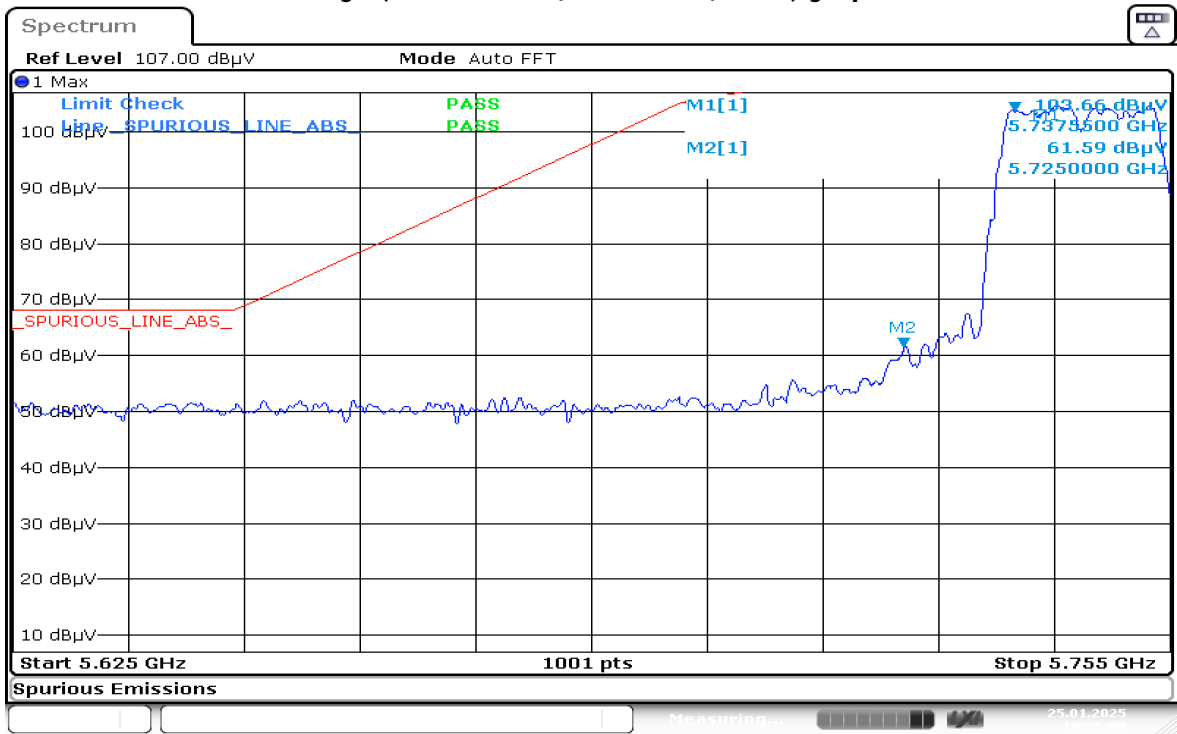
Date: 25.JAN.2025 19:03:48

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



Date: 25.JAN.2025 19:32:07

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



Date: 25.JAN.2025 19:36:09

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: High	Test Frequency: 5825.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11n20	Softpot power (9)

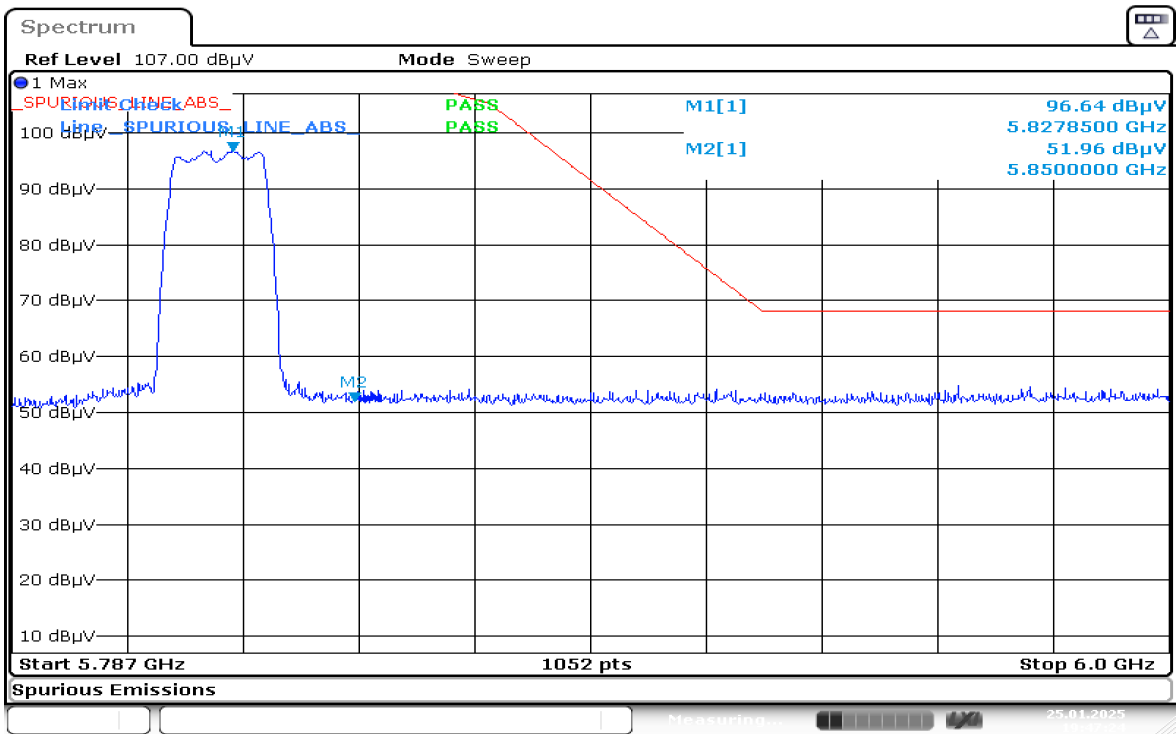
Restricted Band Edge (High Channel) tabular data

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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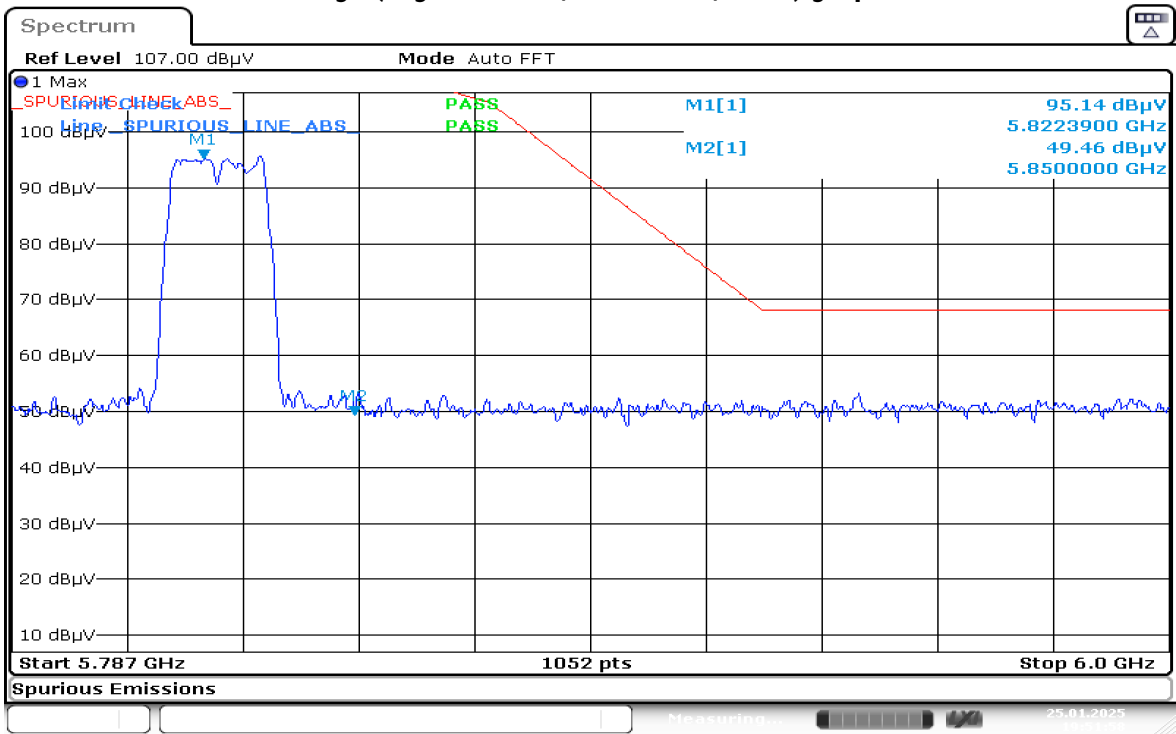
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Sun, 26 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



Date: 25.JAN.2025 19:47:24

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



Date: 25.JAN.2025 19:51:58

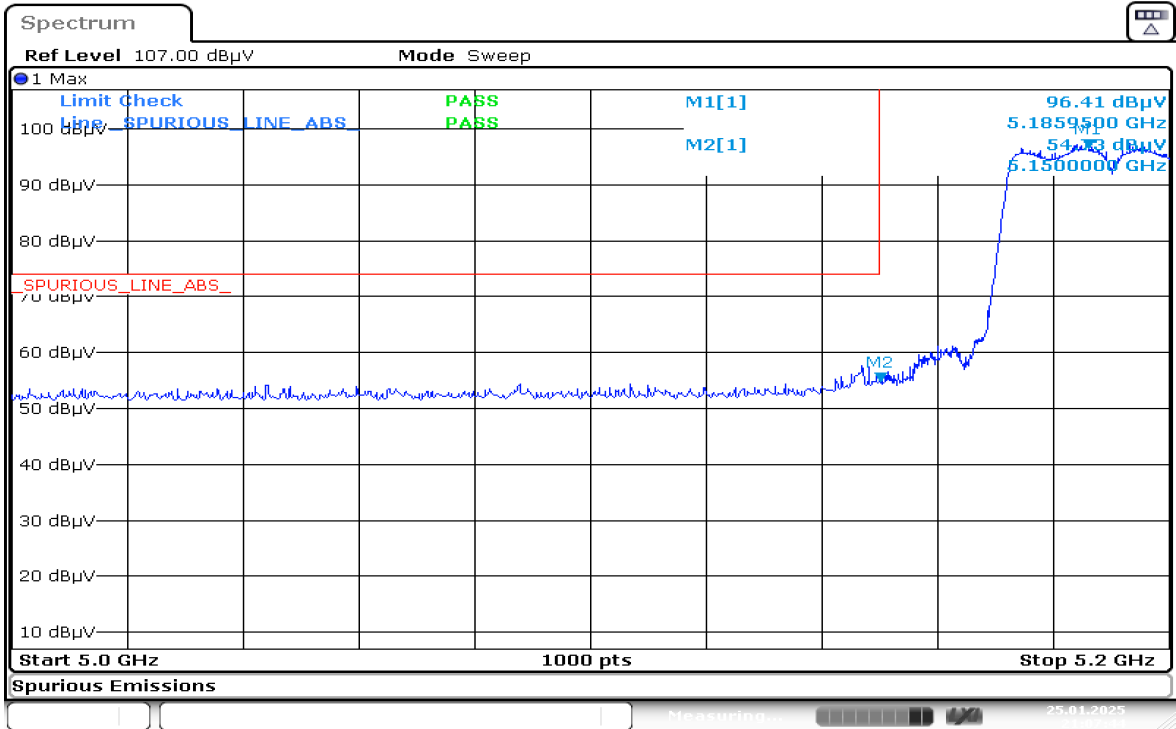
Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: Low	Test Frequency: 5190.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11n40	Softpot power (10)

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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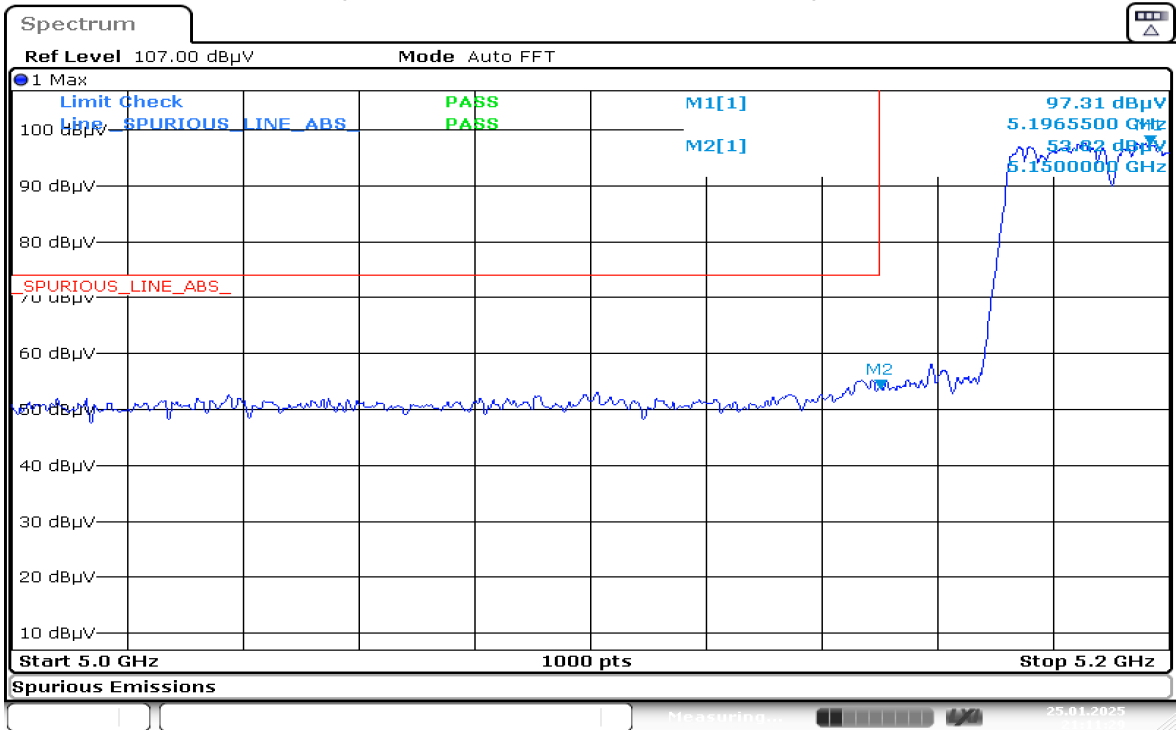
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Sun, 26 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



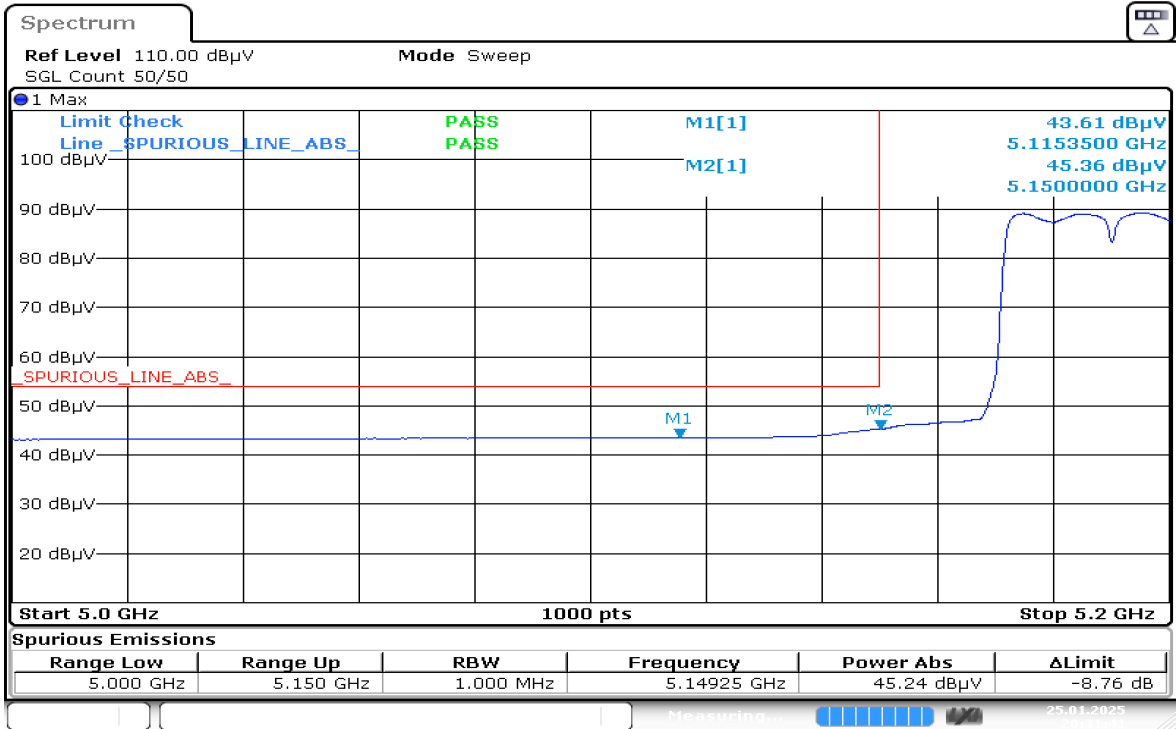
Date: 25.JAN.2025 21:07:45

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



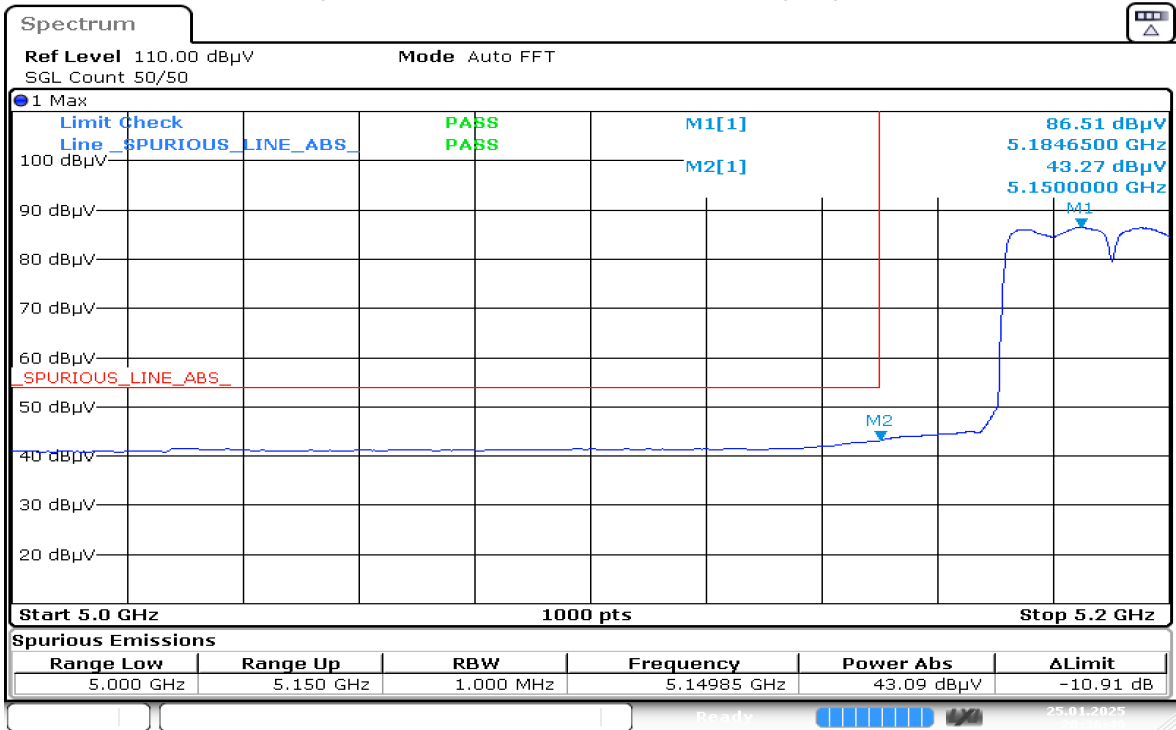
Date: 25.JAN.2025 21:11:29

Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



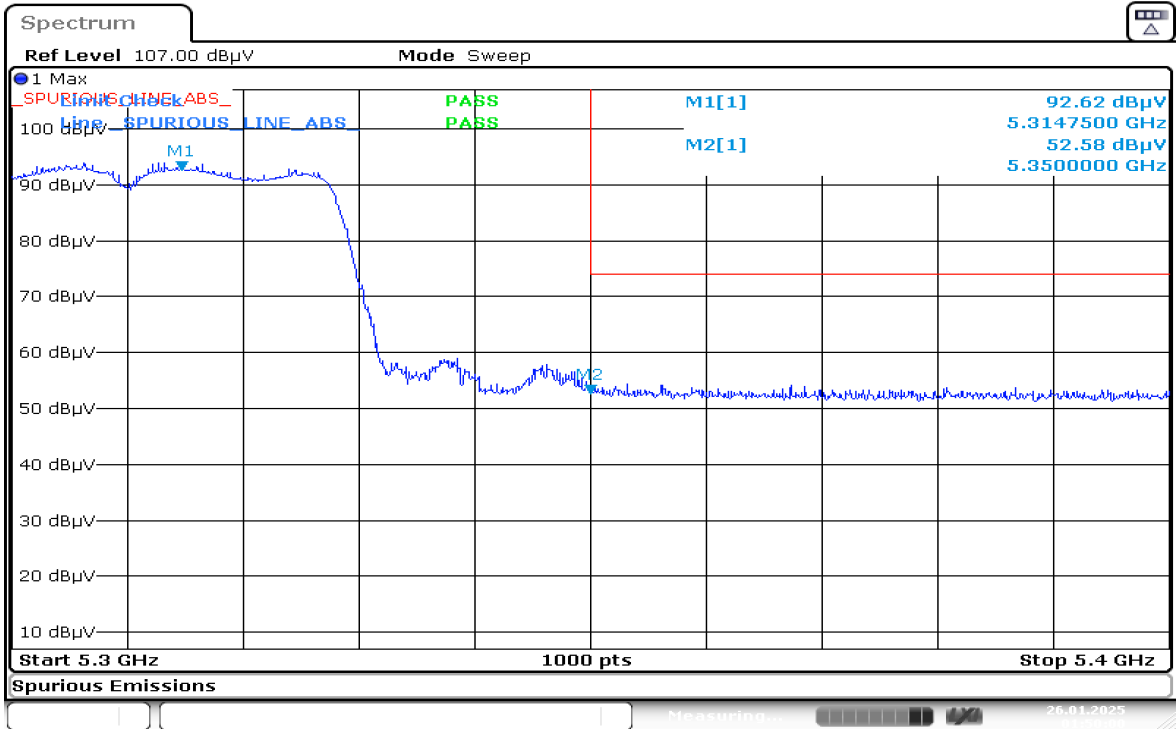
Date: 25.JAN.2025 20:31:41

Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



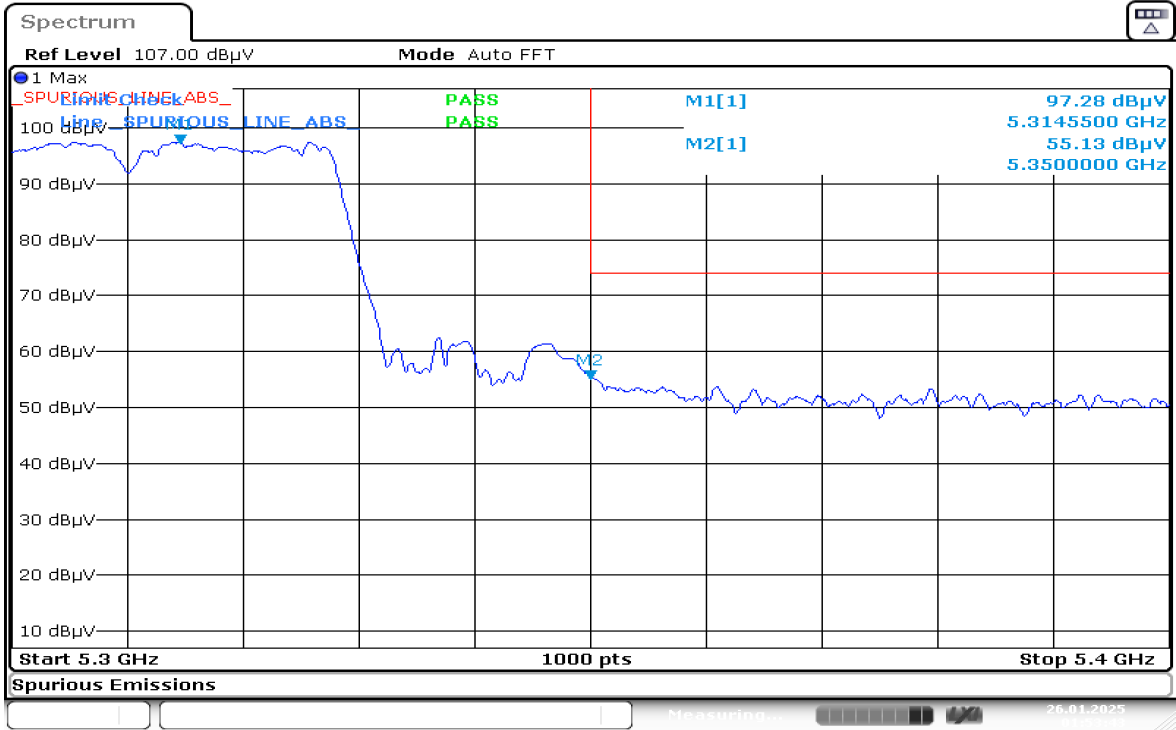
Date: 25.JAN.2025 20:36:49

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



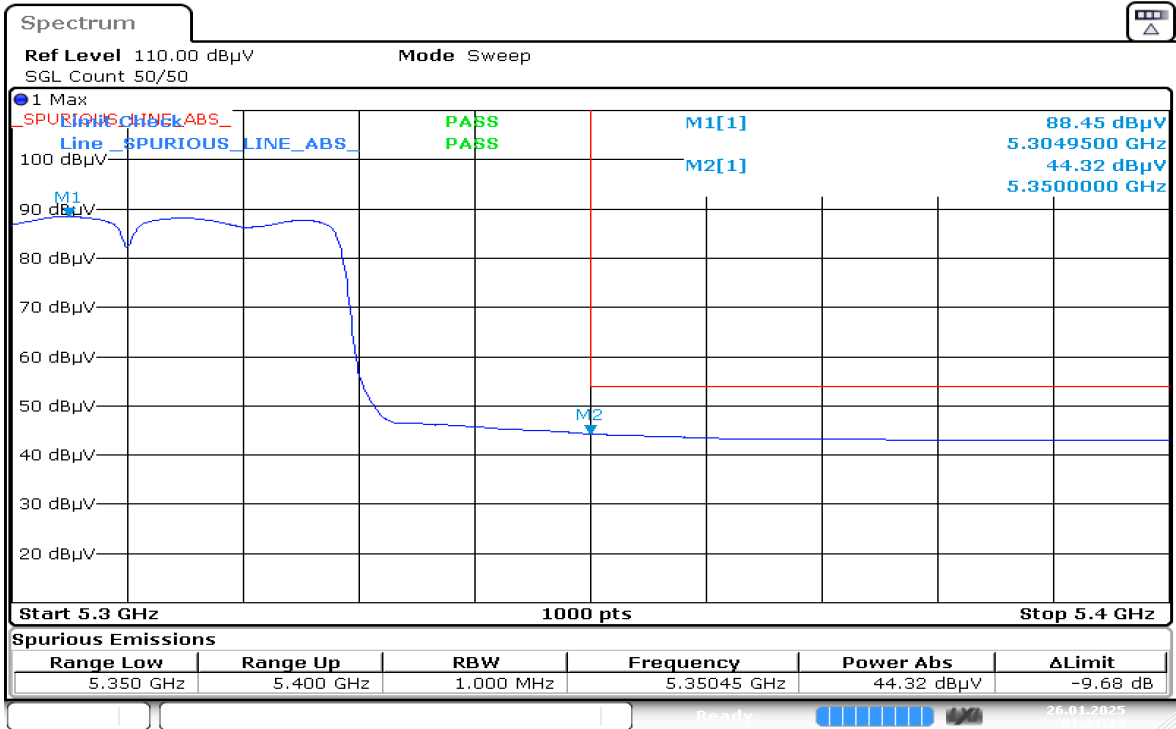
Date: 26.JAN.2025 01:50:01

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



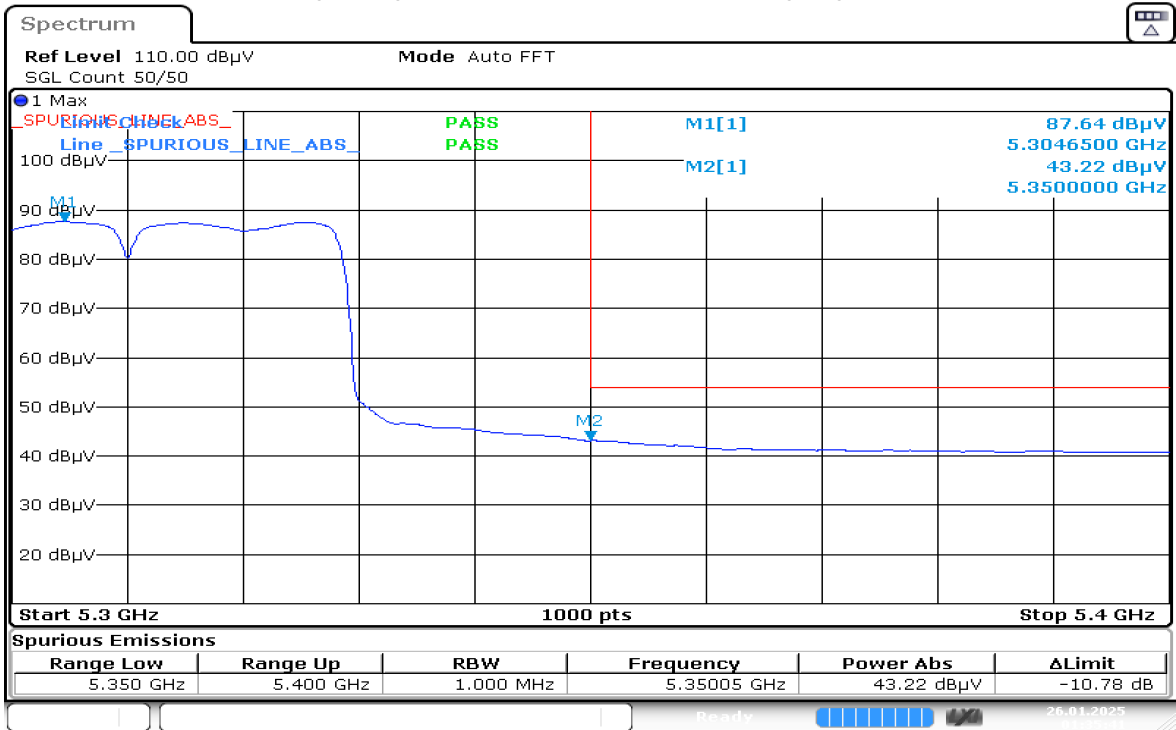
Date: 26.JAN.2025 01:53:44

Restricted Band Edge (High Channel, Vertical, Average) graphical screen shot



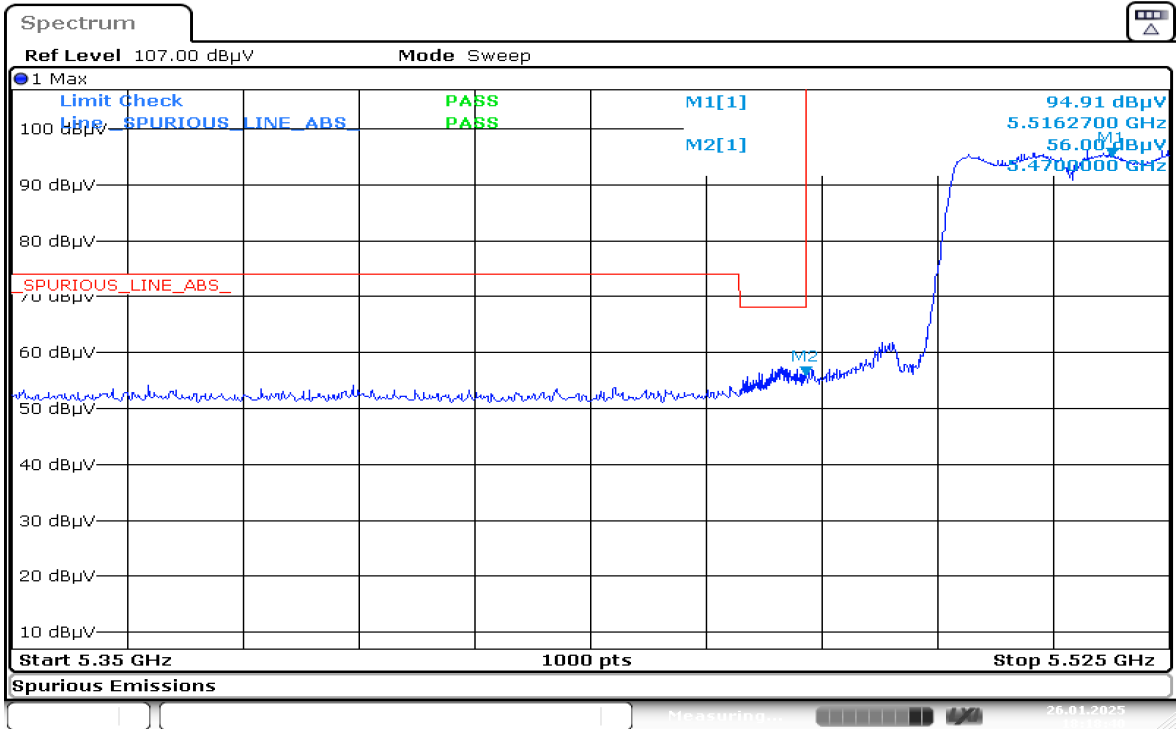
Date: 26.JAN.2025 01:31:14

Restricted Band Edge (High Channel, Horizontal, Average) graphical screen shot



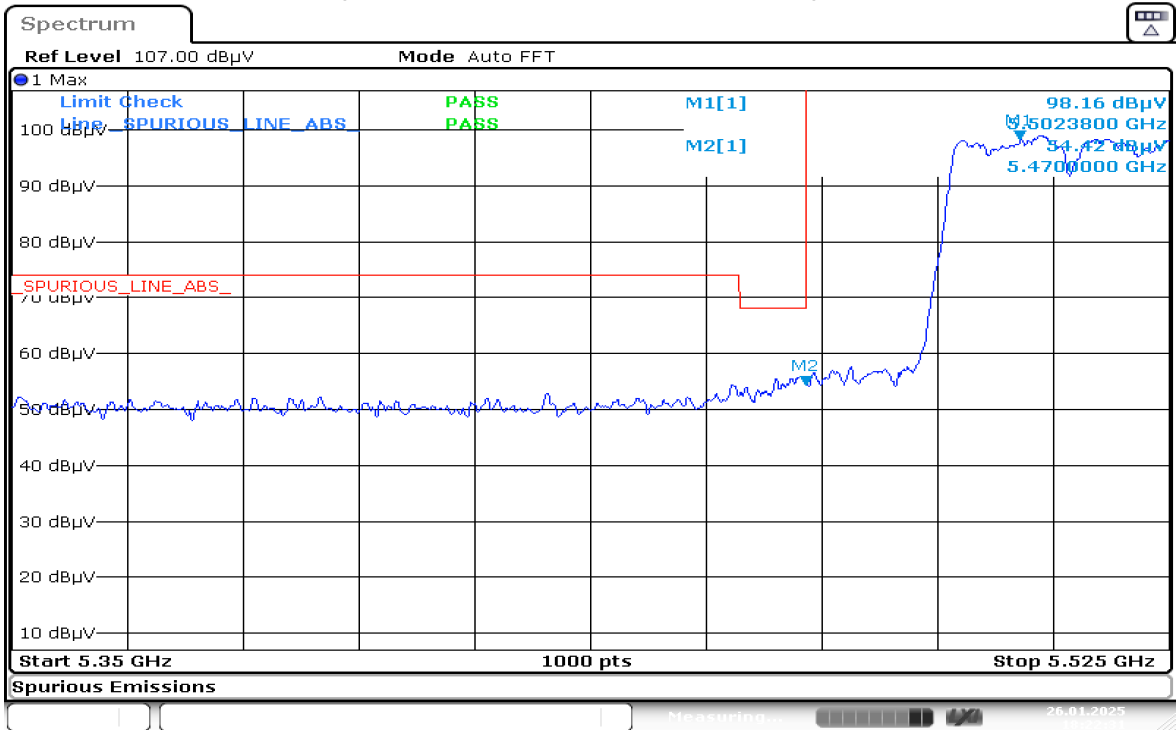
Date: 26.JAN.2025 01:35:42

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



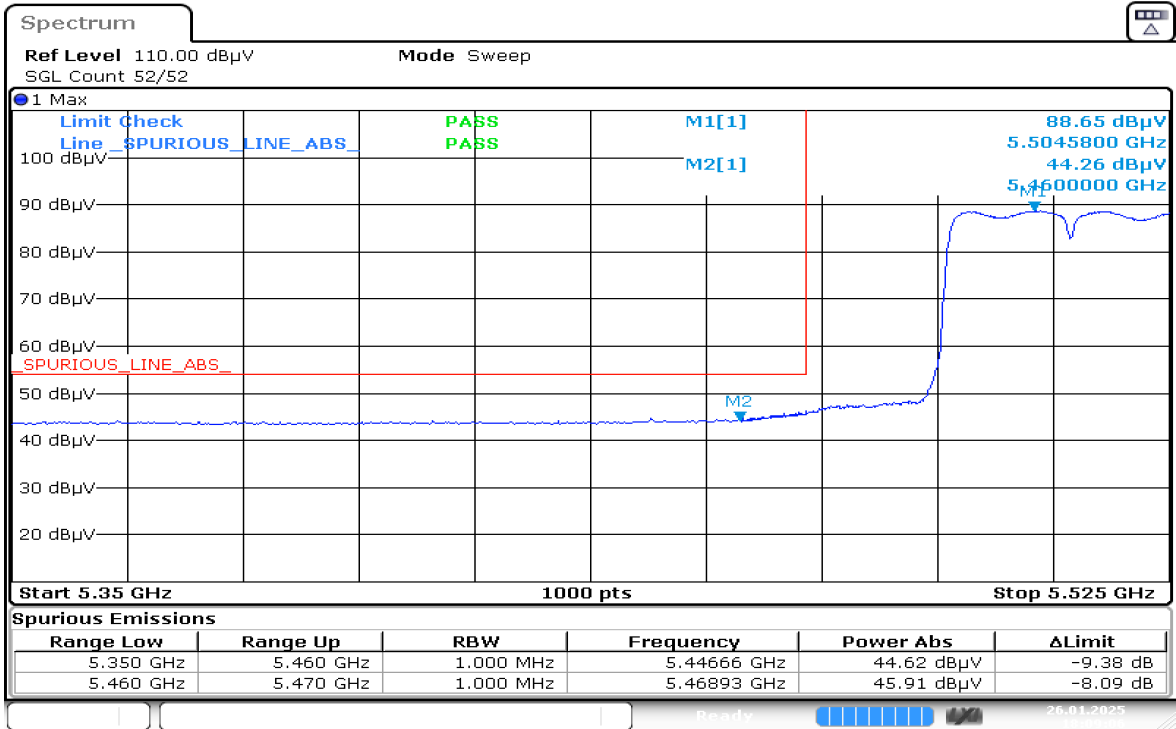
Date: 26.JAN.2025 18:18:41

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



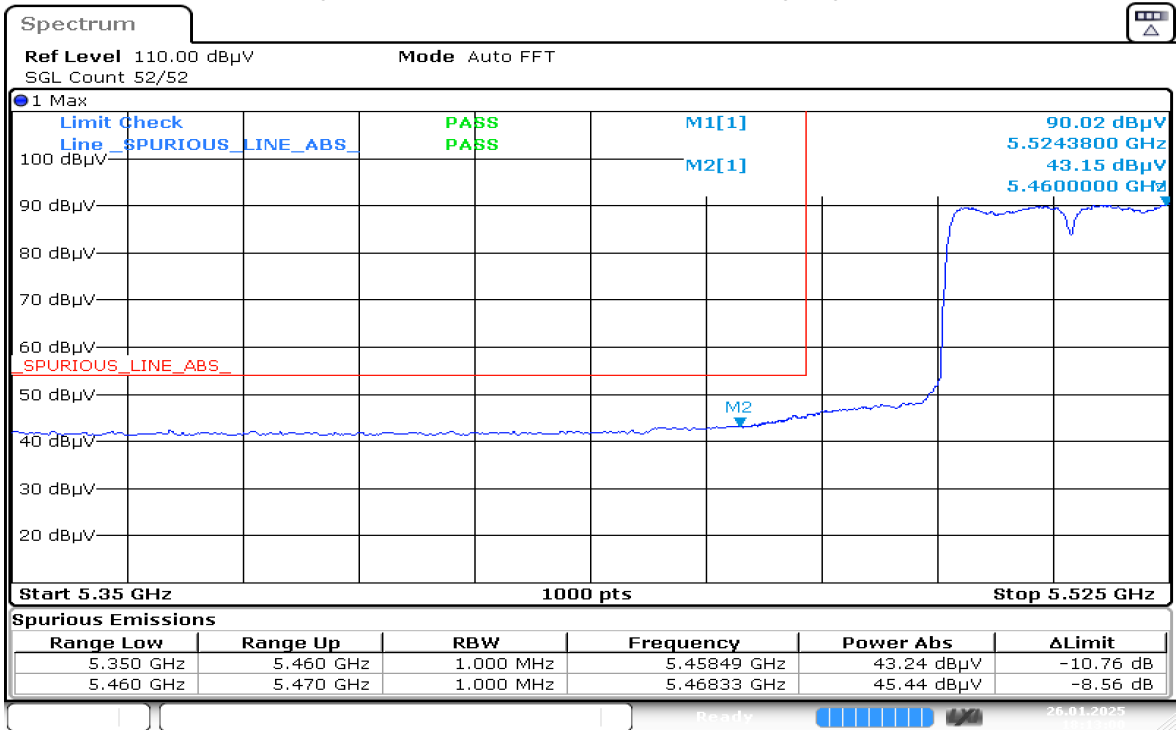
Date: 26.JAN.2025 18:22:31

Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



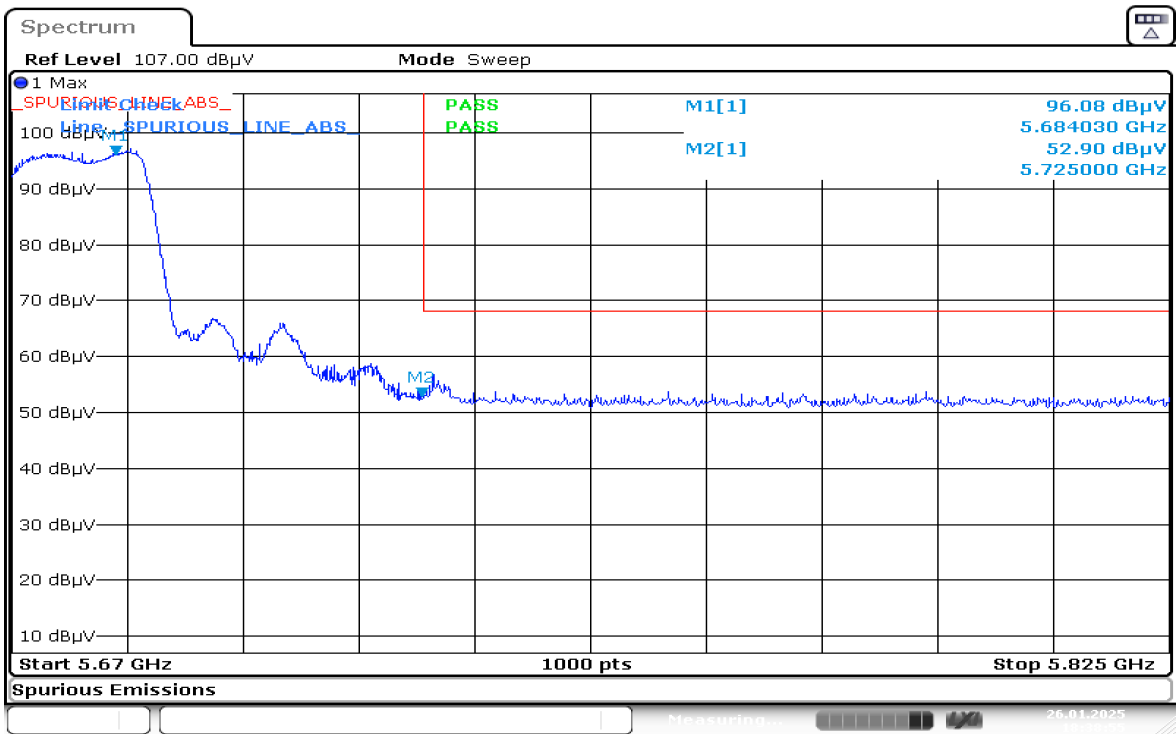
Date: 26.JAN.2025 18:09:06

Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



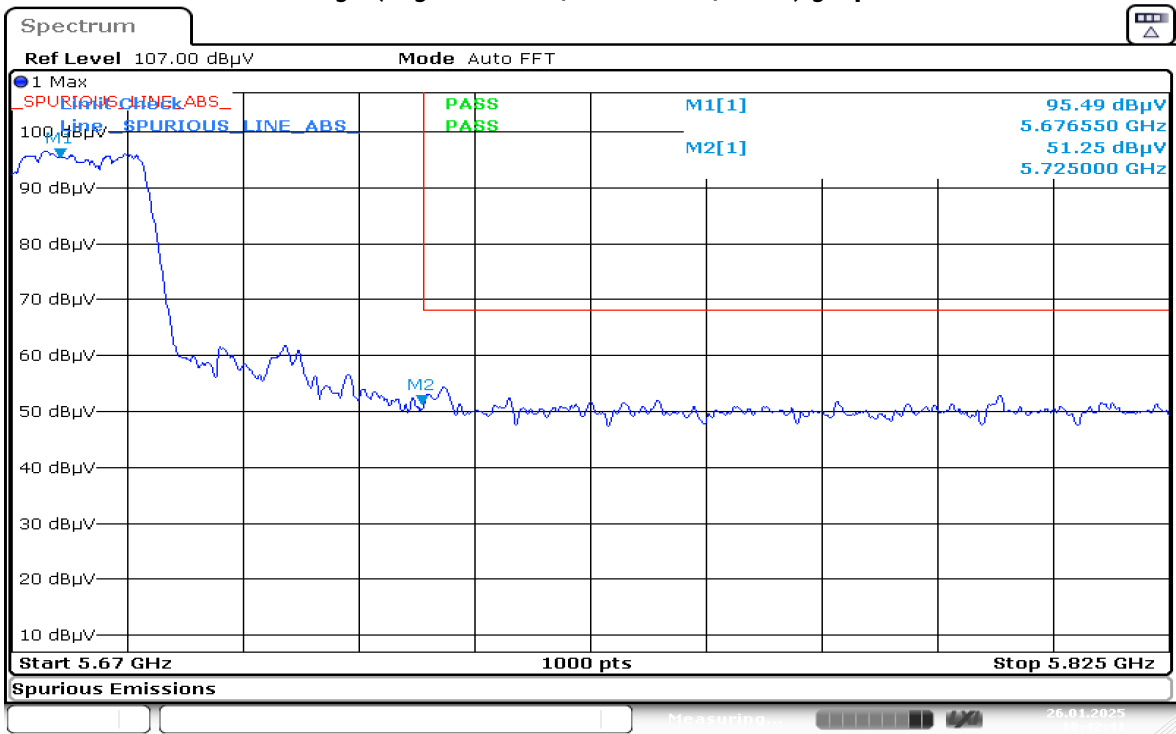
Date: 26.JAN.2025 18:13:00

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



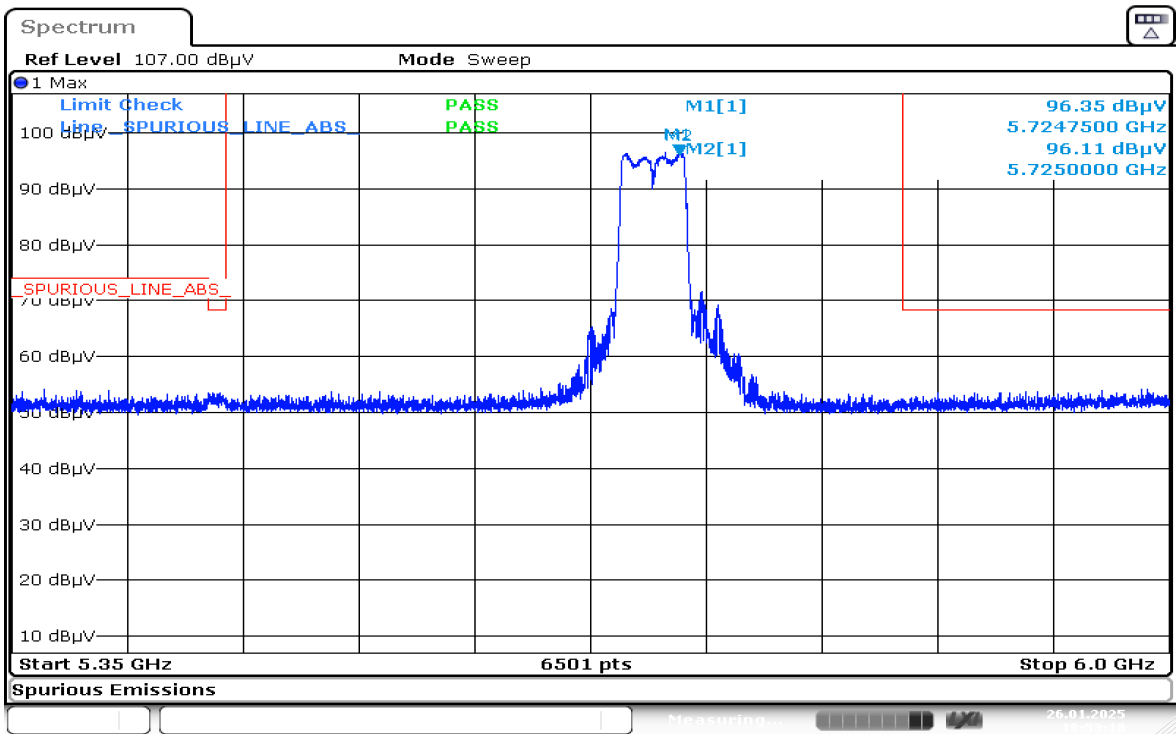
Date: 26.JAN.2025 18:38:56

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



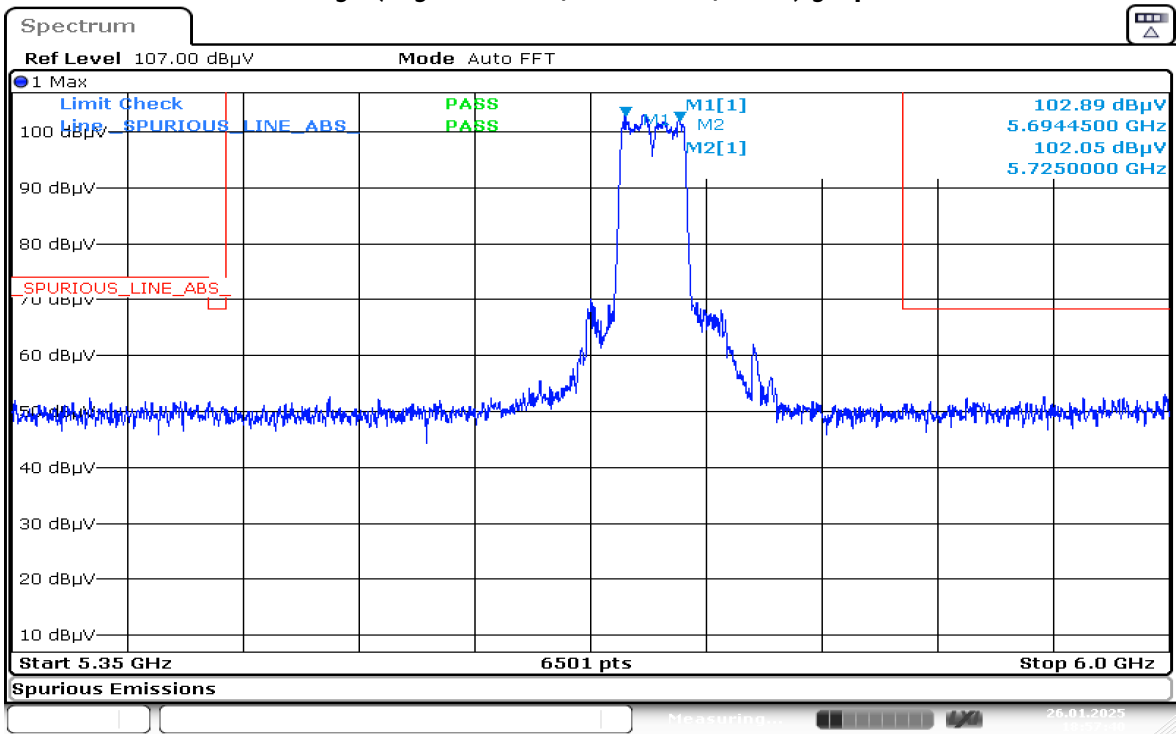
Date: 26.JAN.2025 18:42:42

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



Date: 26.JAN.2025 18:53:18

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



Date: 26.JAN.2025 18:57:40

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: Low	Test Frequency: 5755.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11n40	Softpot power (13)

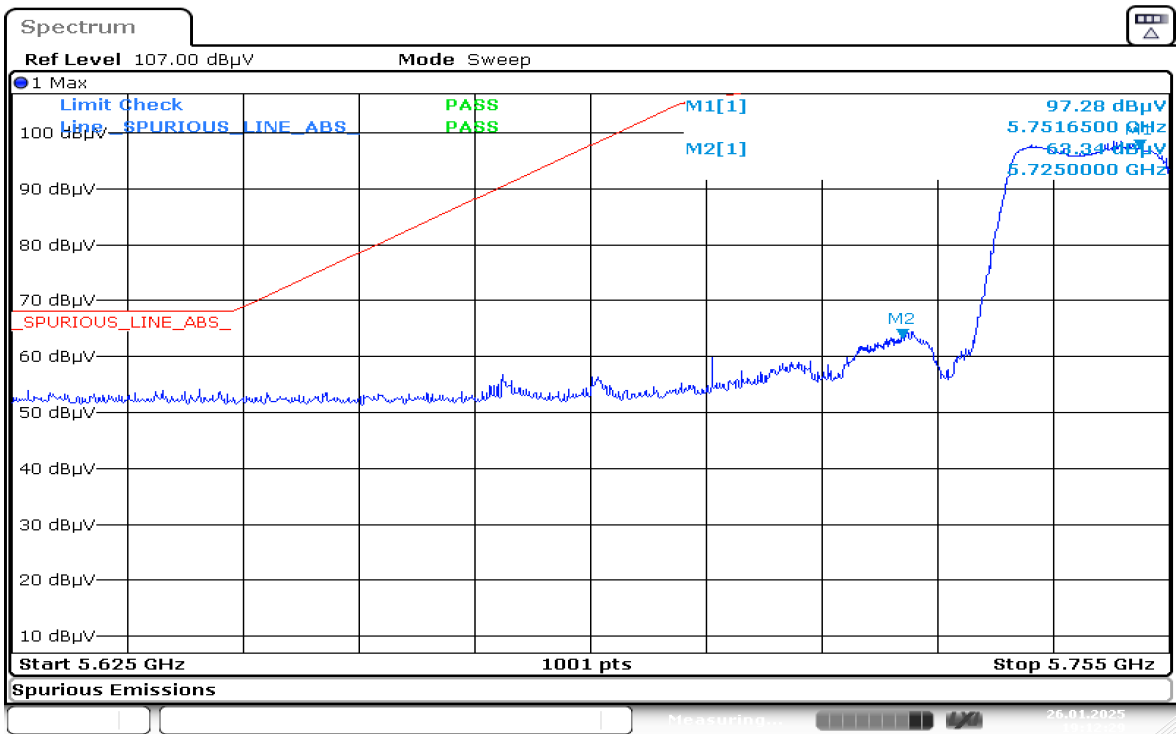
Restricted Band Edge (Low Channel) tabular data

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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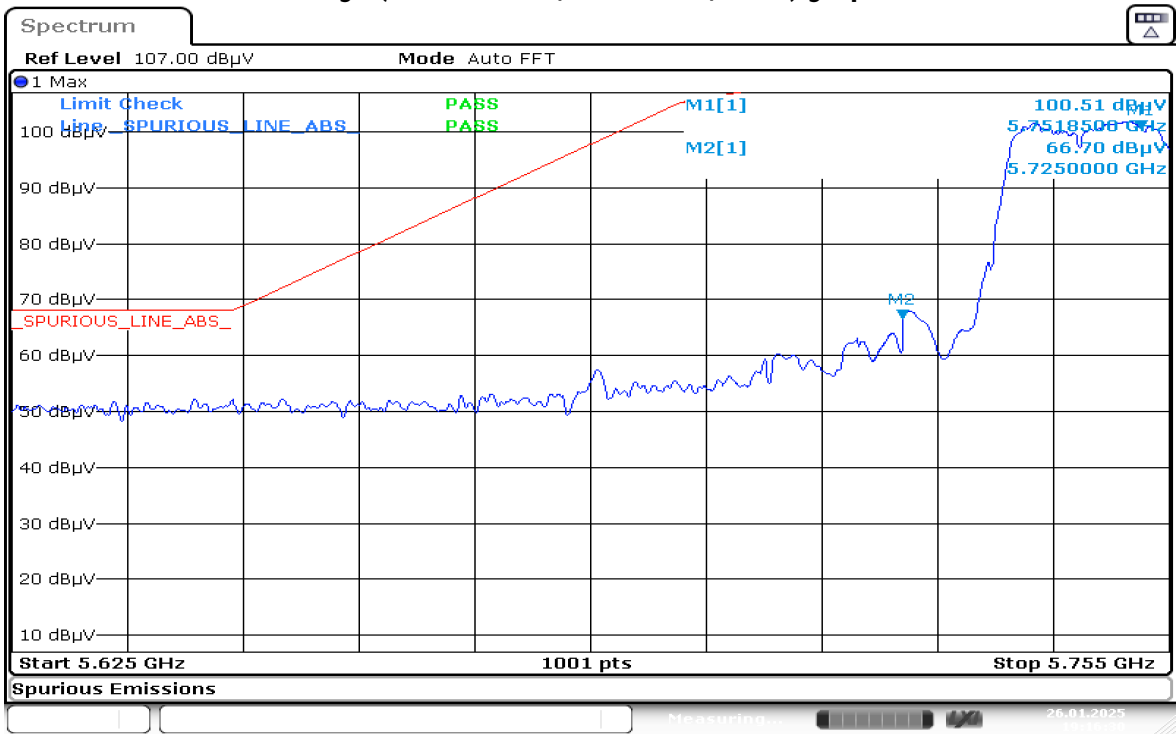
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Mon, 27 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



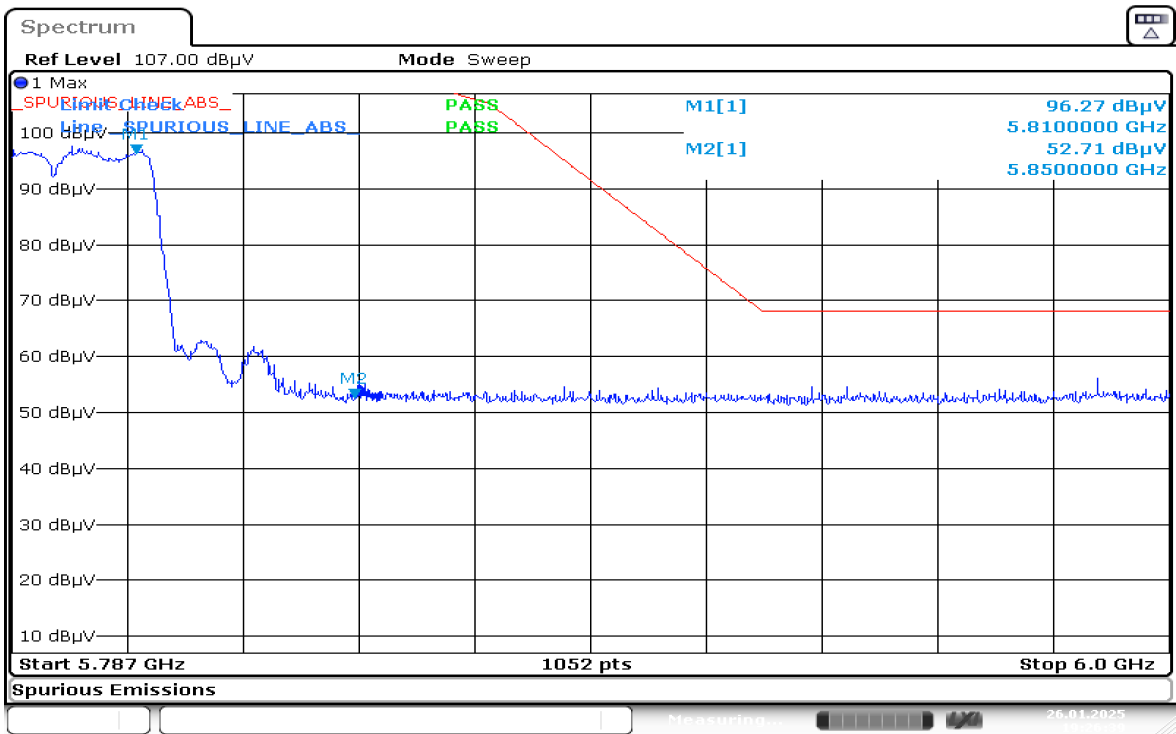
Date: 26.JAN.2025 19:12:29

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



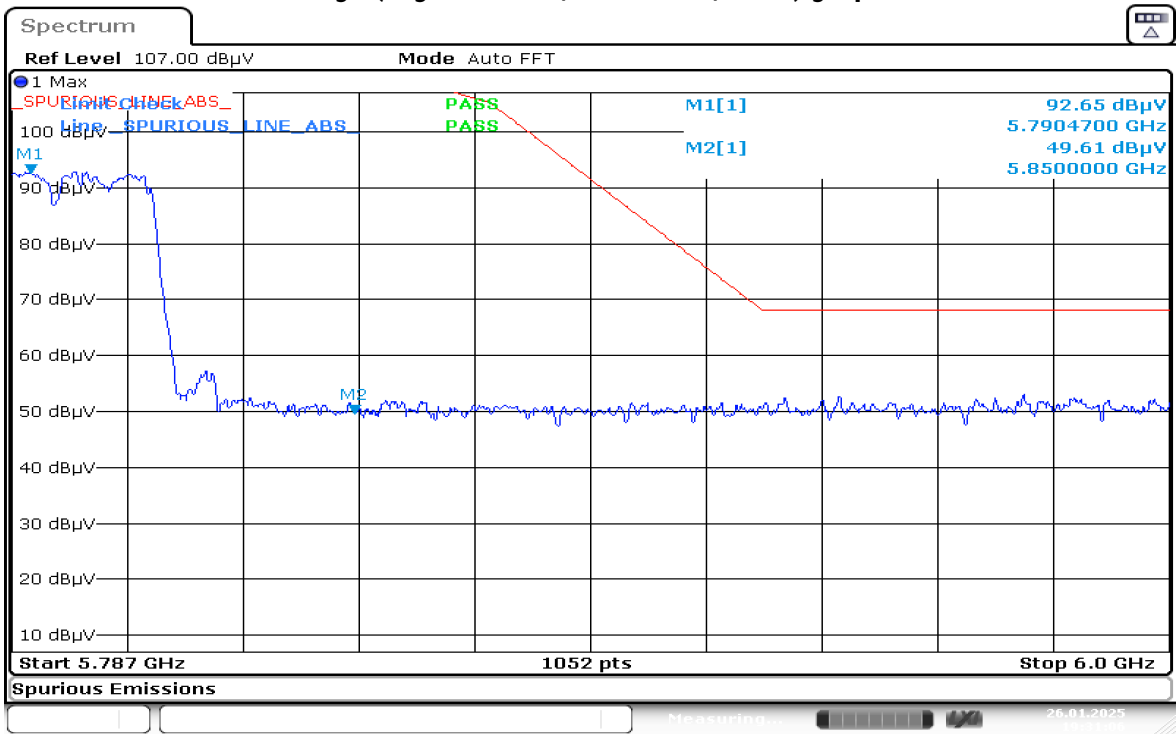
Date: 26.JAN.2025 19:16:31

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



Date: 26.JAN.2025 19:26:39

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



Date: 26.JAN.2025 19:31:07

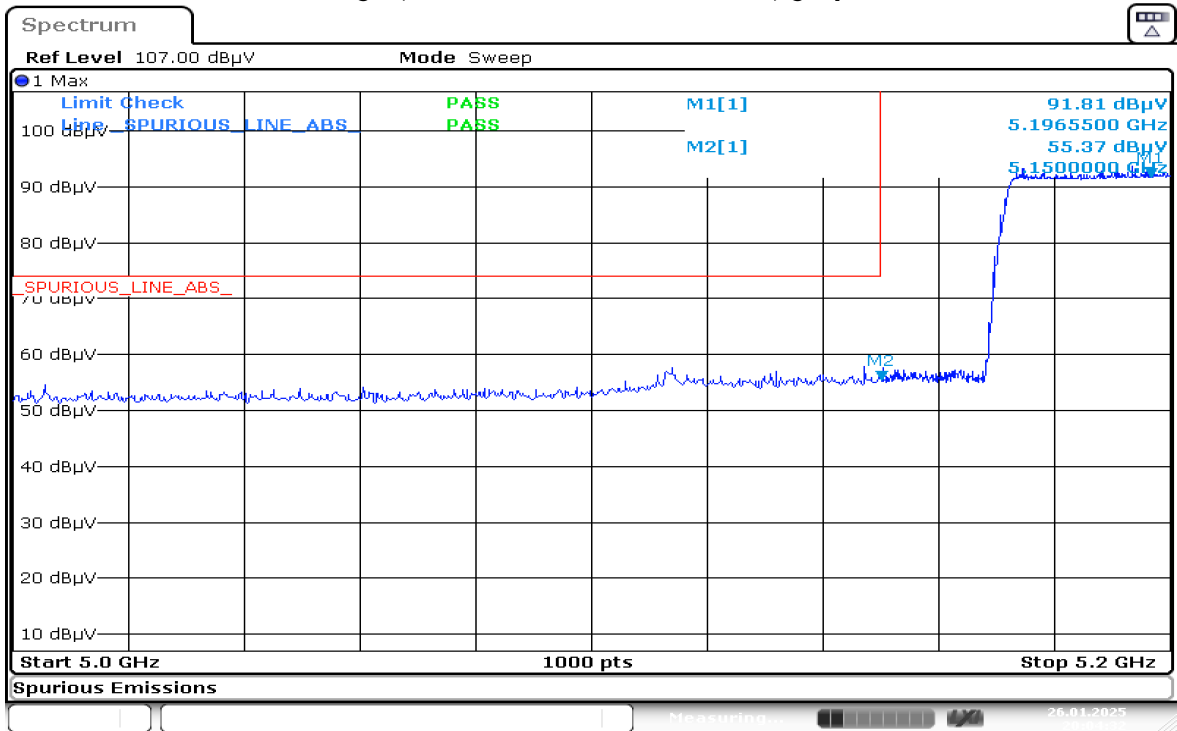
Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: Low	Test Frequency: 5210.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11ac80	Softpot power (10)

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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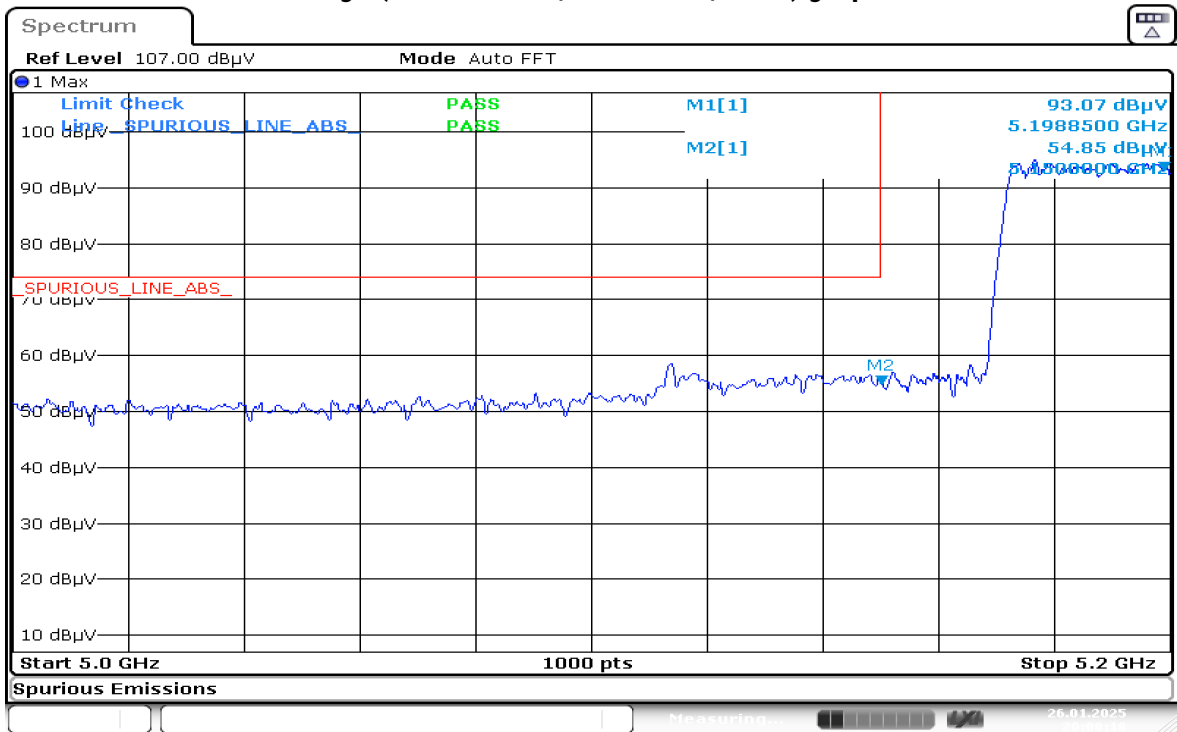
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Mon, 27 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



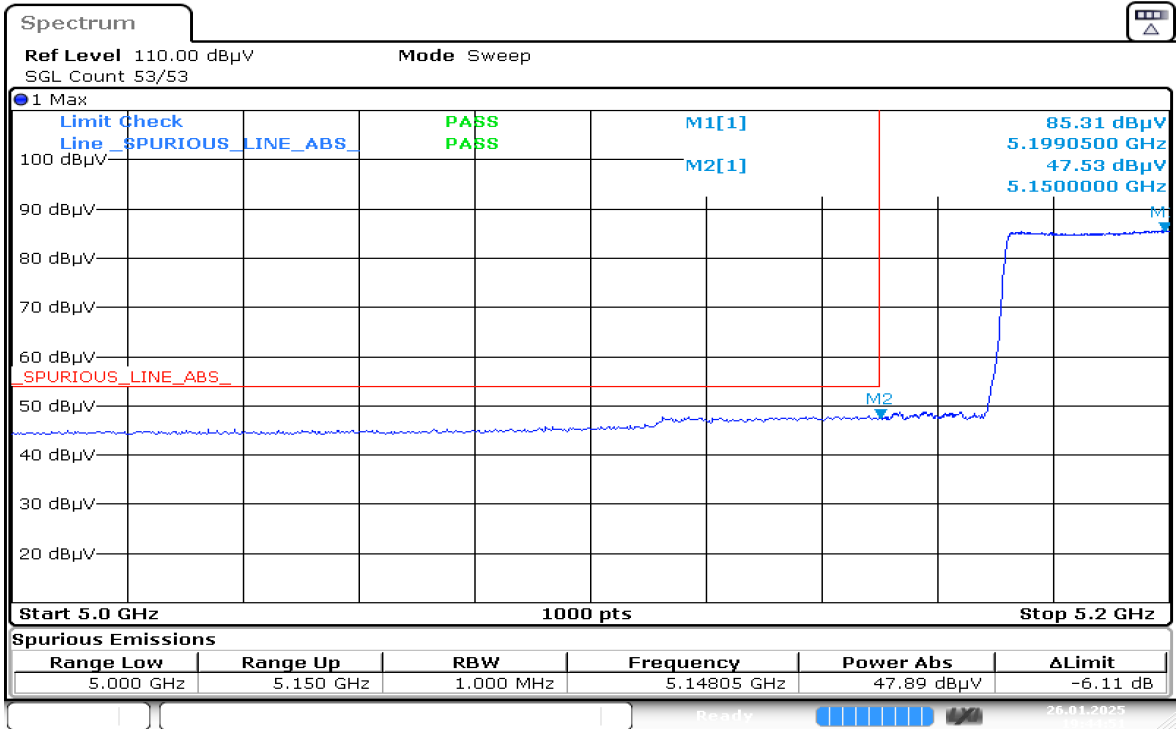
Date: 26. JAN.2025 20:04:33

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



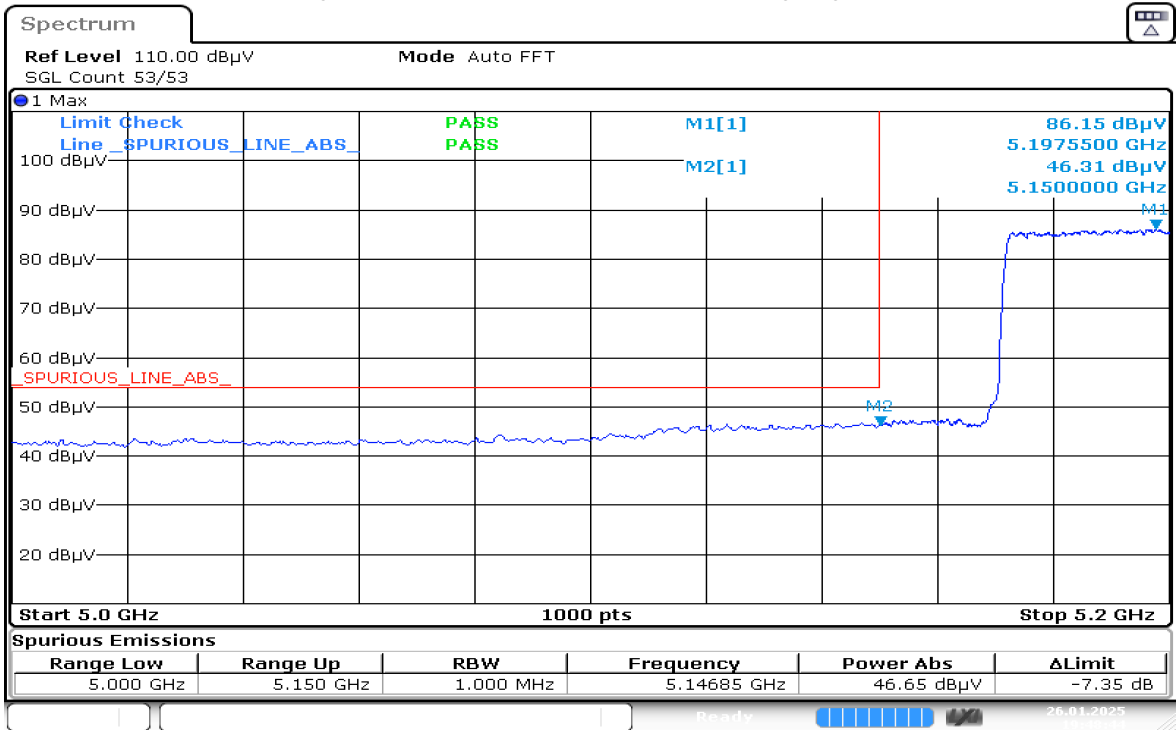
Date: 26. JAN.2025 20:08:18

Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



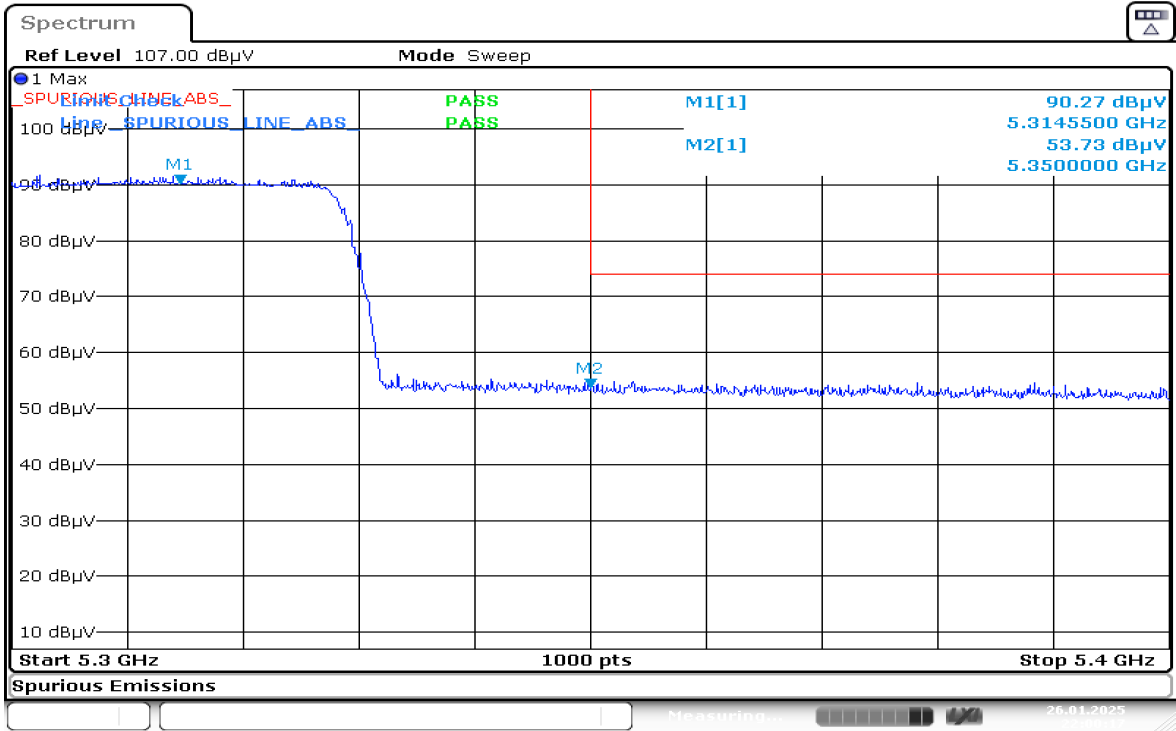
Date: 26.JAN.2025 19:44:51

Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



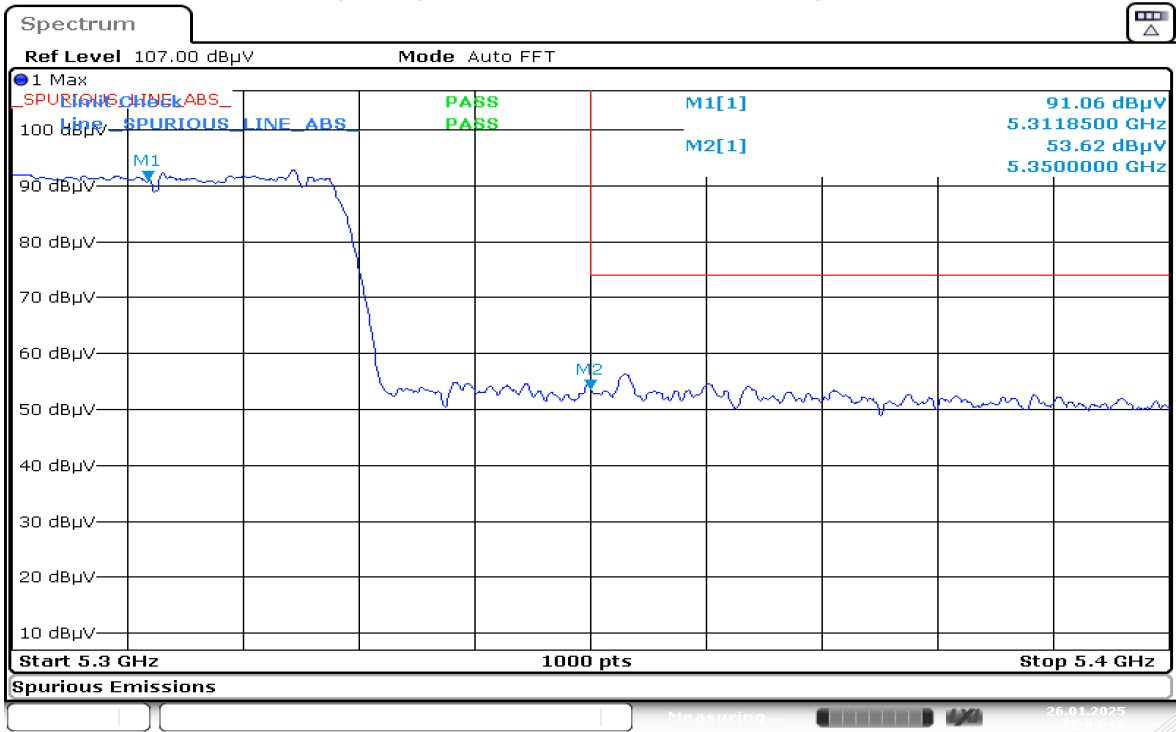
Date: 26.JAN.2025 19:48:44

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



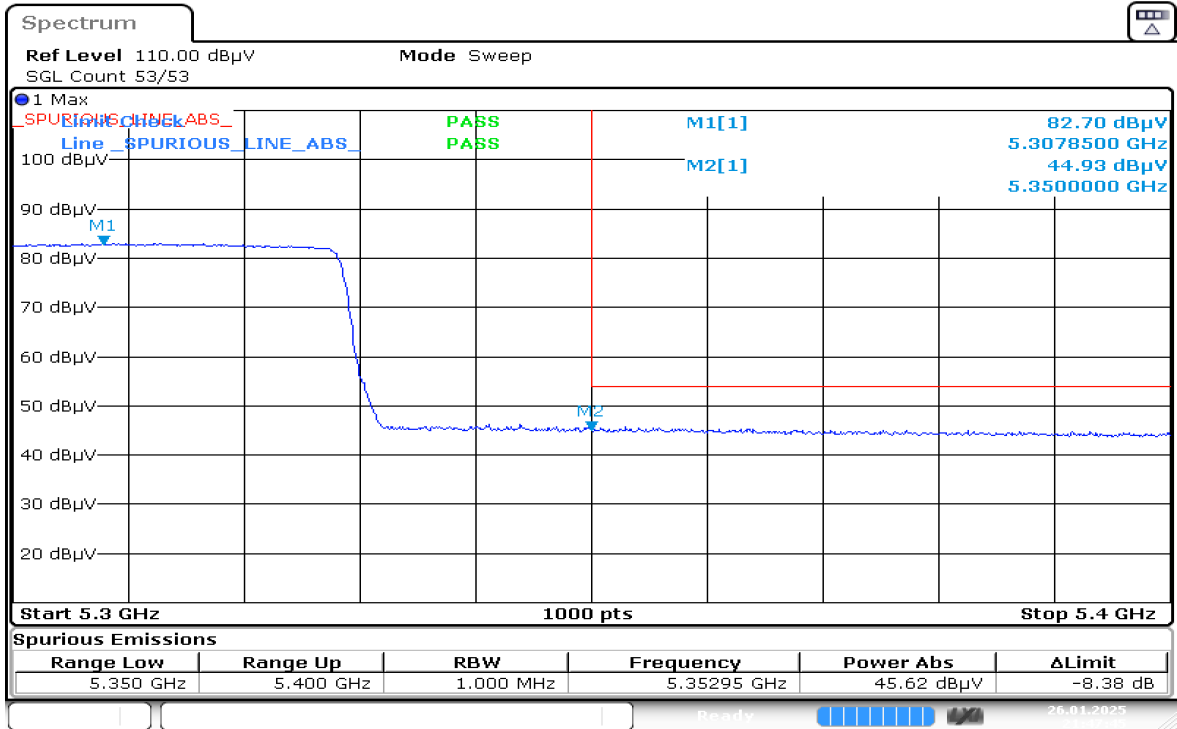
Date: 26.JAN.2025 22:00:18

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



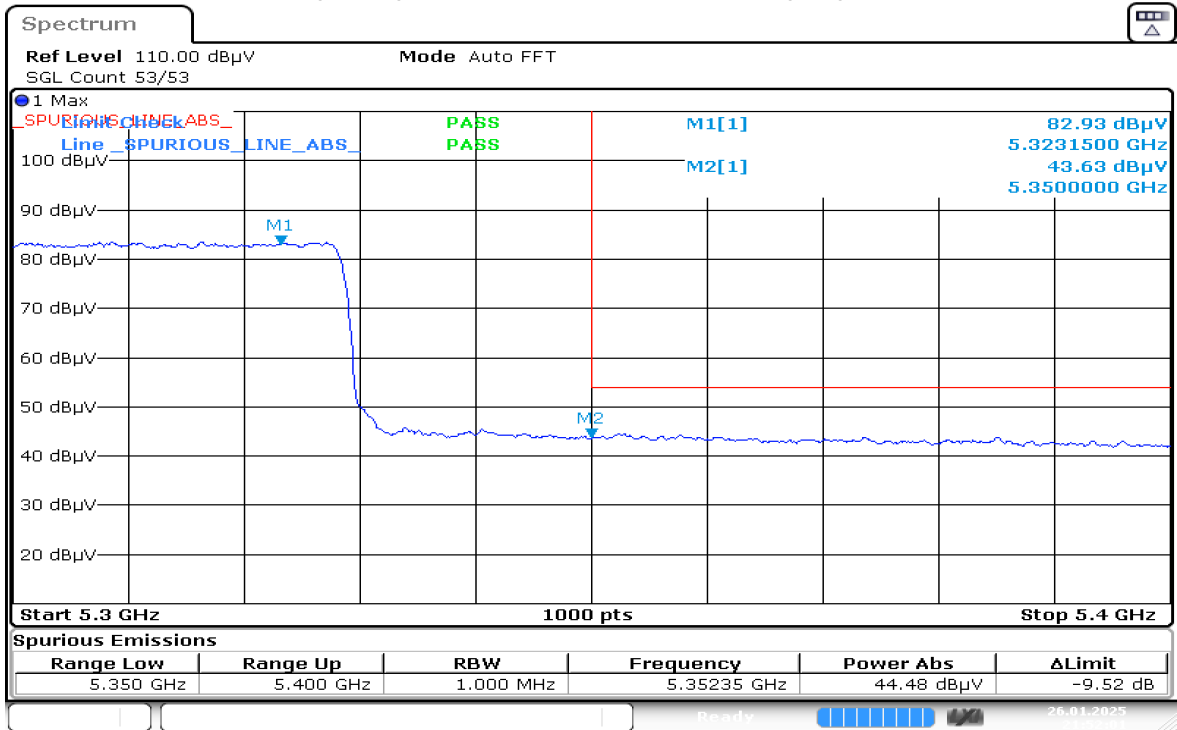
Date: 26.JAN.2025 22:04:19

Restricted Band Edge (High Channel, Vertical, Average) graphical screen shot



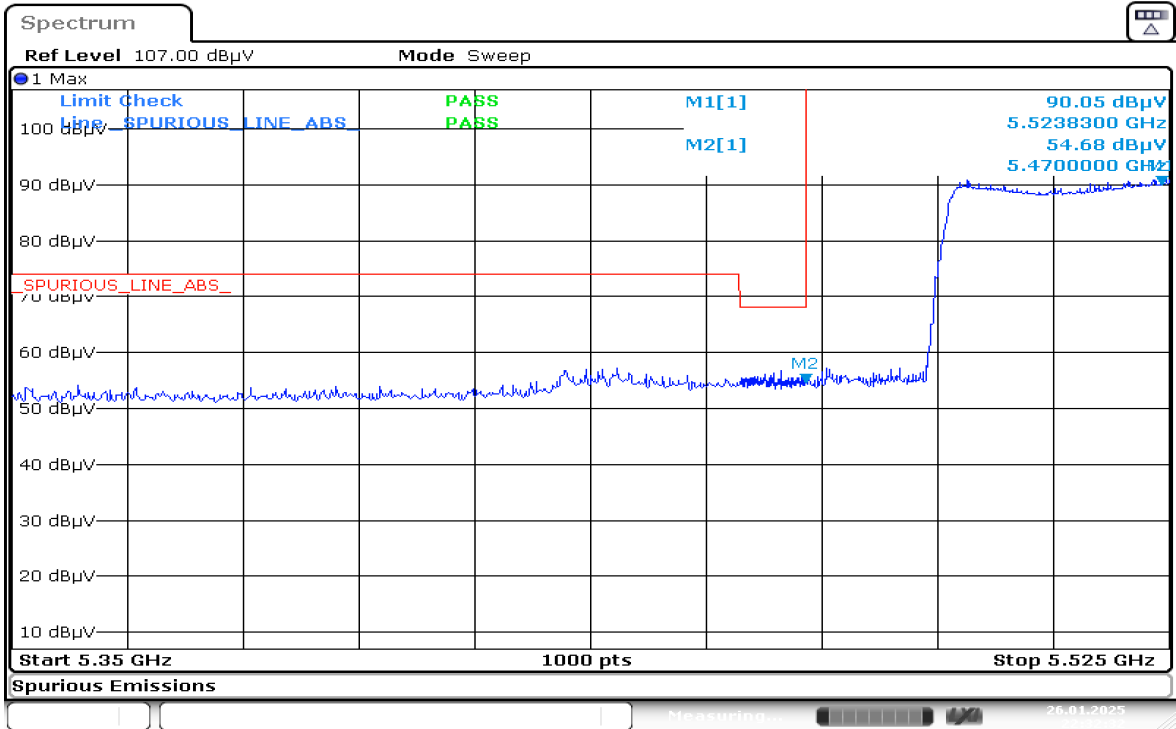
Date: 26.JAN.2025 21:47:45

Restricted Band Edge (High Channel, Horizontal, Average) graphical screen shot



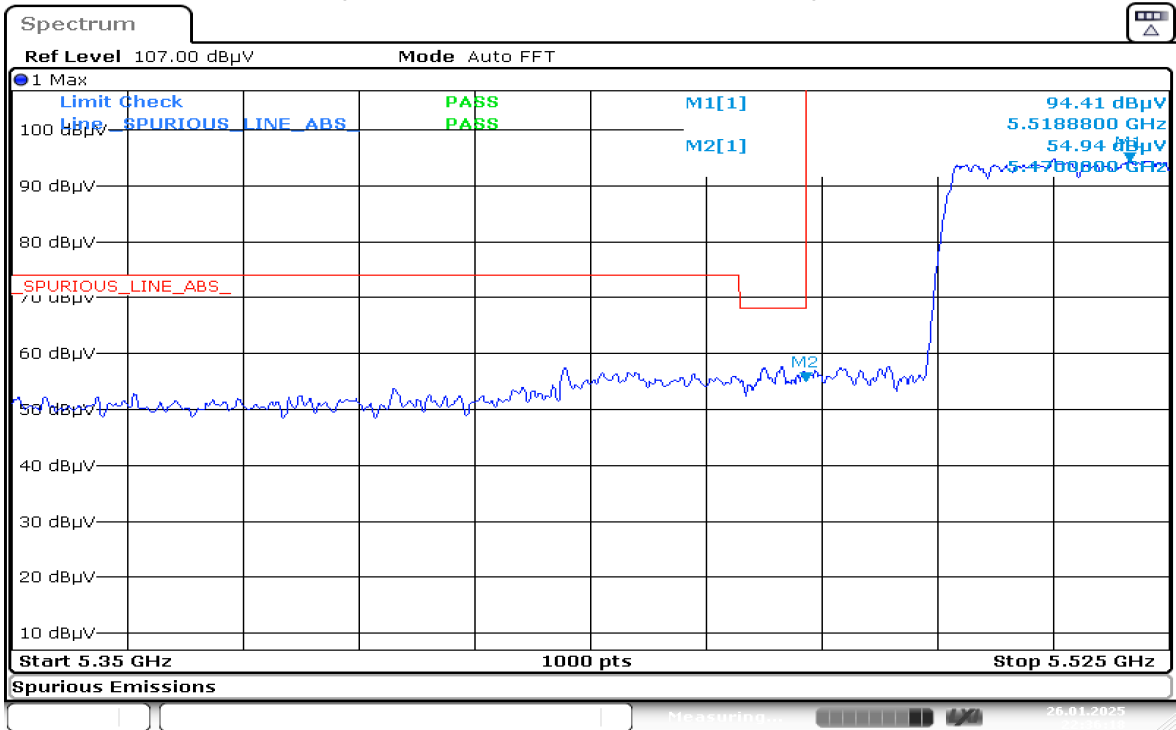
Date: 26.JAN.2025 21:52:02

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



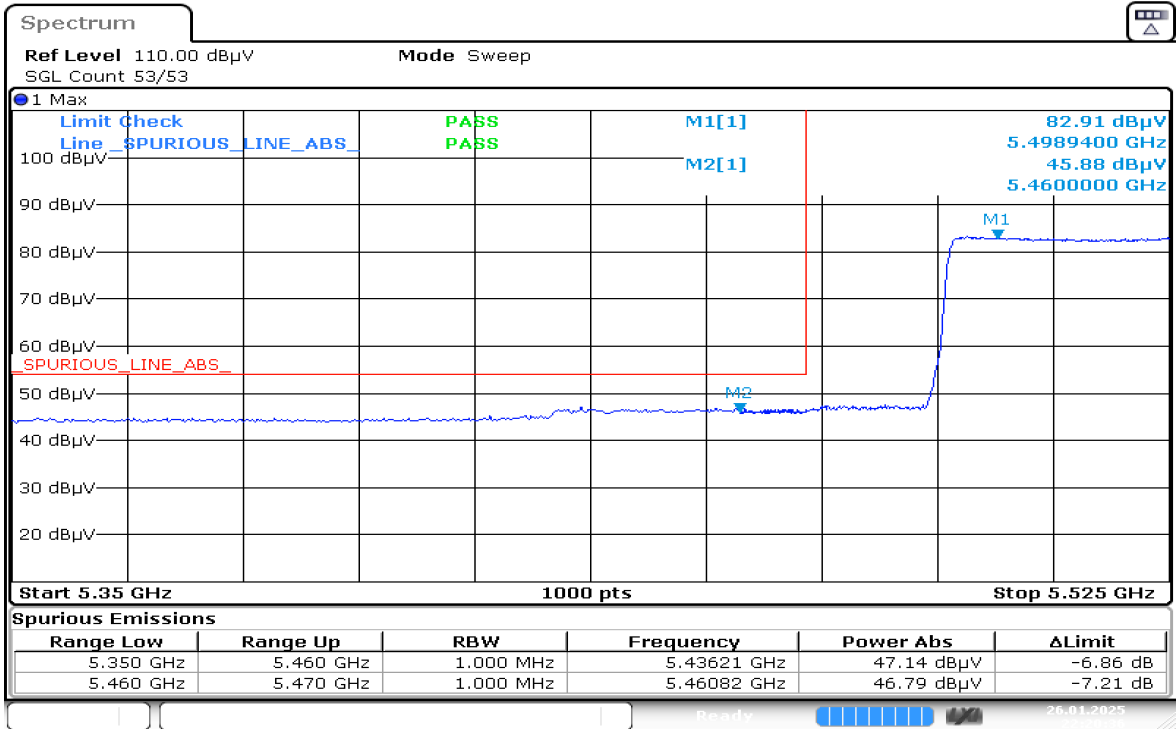
Date: 26.JAN.2025 22:32:32

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



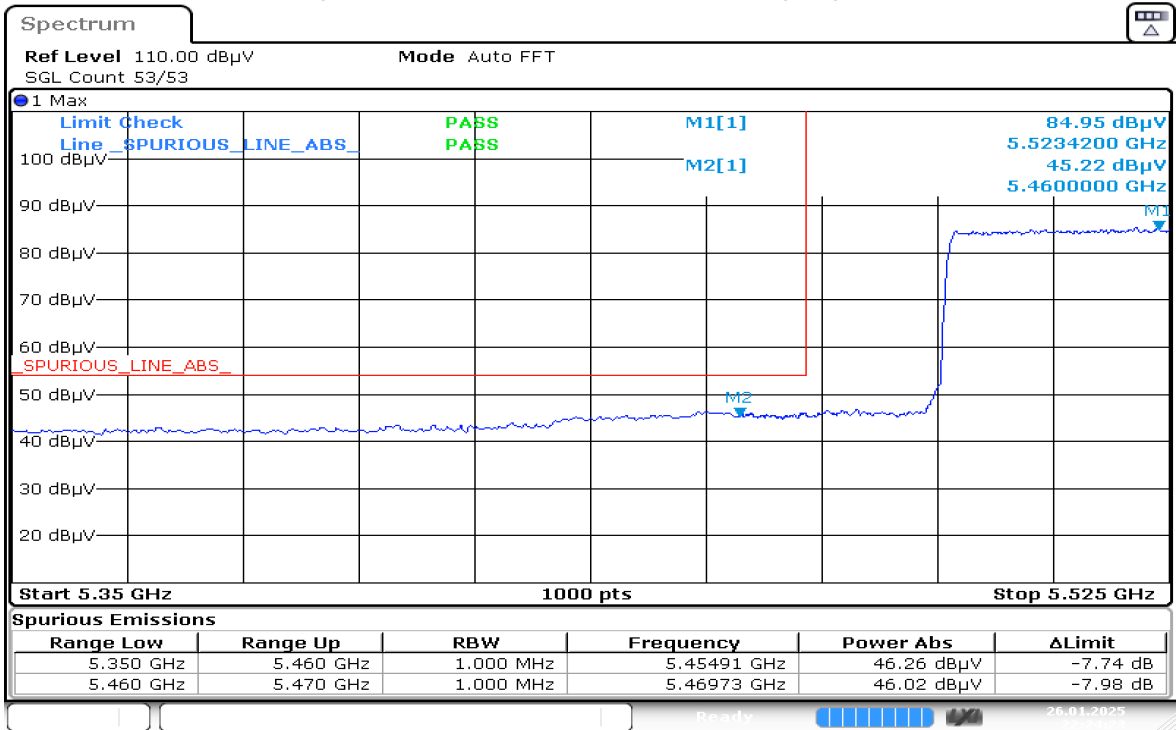
Date: 26.JAN.2025 22:36:18

Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



Date: 26.JAN.2025 22:20:36

Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



Date: 26.JAN.2025 22:24:23

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: High	Test Frequency: 5610.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11ac80	Softpot power (8)

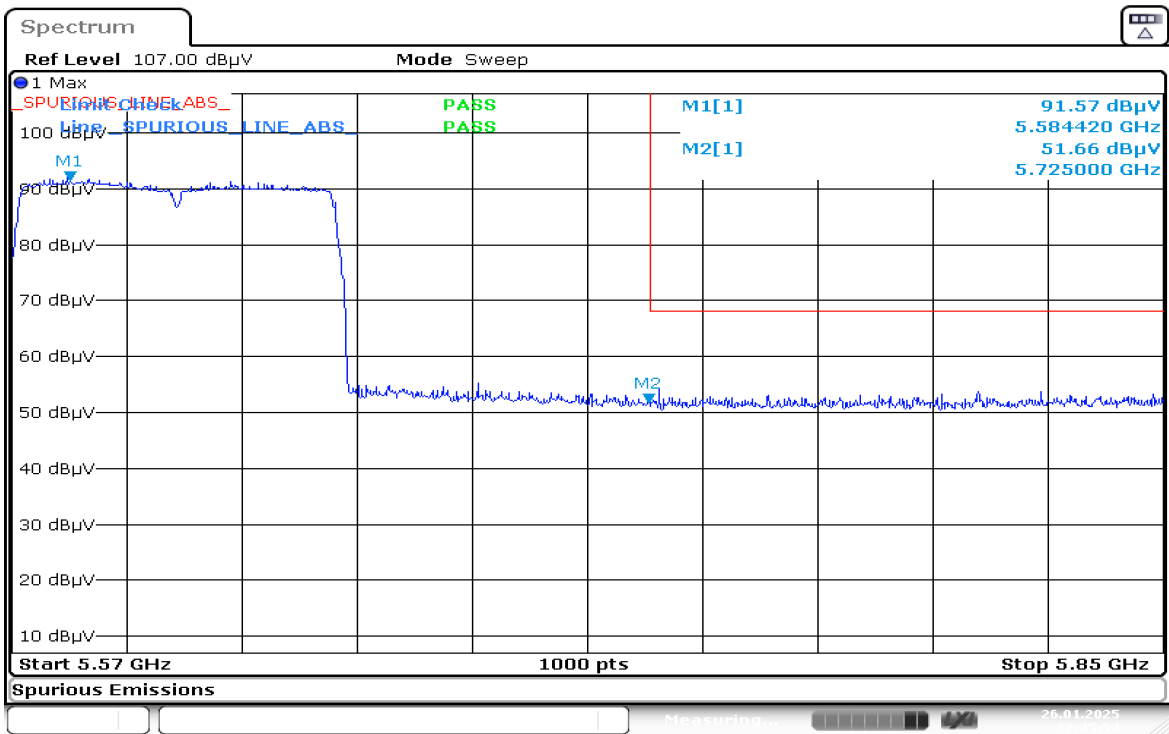
Vertical Radiated Emission Result

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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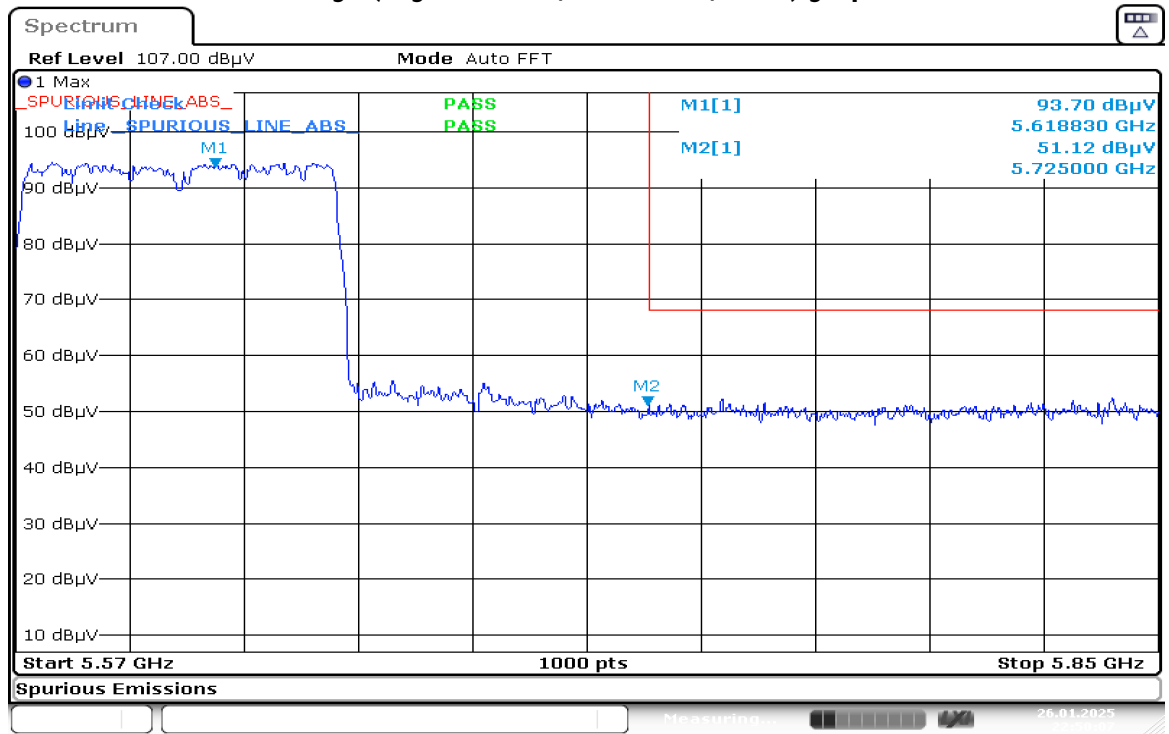
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Mon, 27 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



Date: 26. JAN. 2025 22:45:54

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



Date: 26. JAN. 2025 22:50:08

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: High	Test Frequency: 5690.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11ac80	Softpot power (10)

Restricted Band Edge (High Channel) tabular data

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Mon, 27 Jan, 2025
System MU: 5.84dB	

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: Low	Test Frequency: 5775.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11ac80	Softpot power (8)

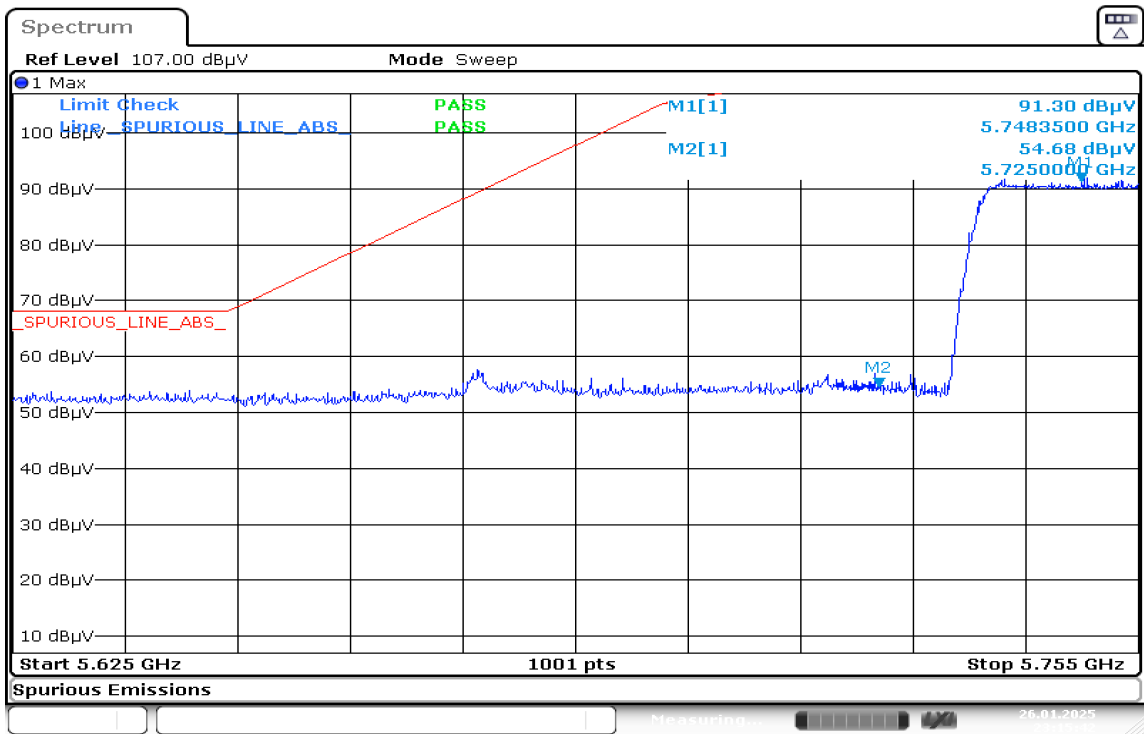
Restricted Band Edge (Low Channel) tabular data

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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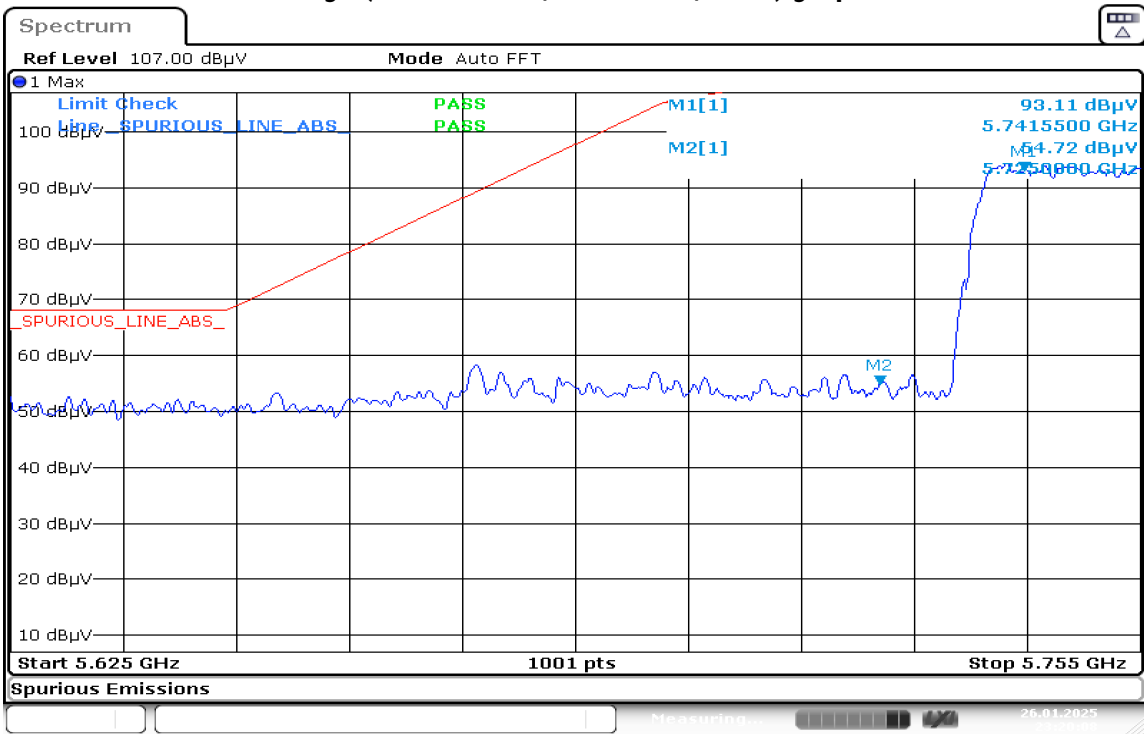
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Mon, 27 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



Date: 26. JAN. 2025 23:15:42

Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



Date: 26. JAN. 2025 23:20:09

Test: WIFI SAC Restricted Band Edge	EMC SR ID#: 1057N00-EMC-00027
Model Number: VX650	S/N: 9903EBA0048
Battery: PMNN4893A	
Accessory: NA	
Test Channel: High	Test Frequency: 5775.0000 MHz
Test Standard: ANSI C63.10-2013	Worst Case Plane: Z-Plane
Modulation: 802.11ac80	Softpot power (8)

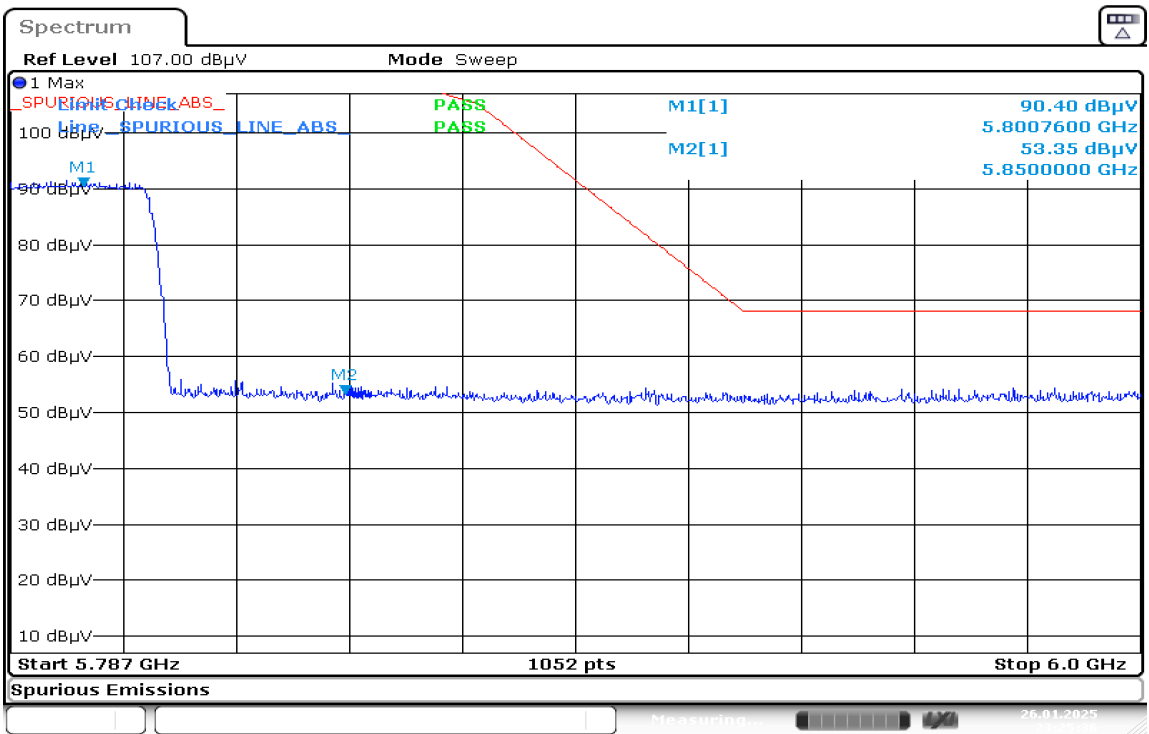
Restricted Band Edge (High Channel) tabular data

[illegible]

Remarks: Pass Result	Marginal Result	Fail Result
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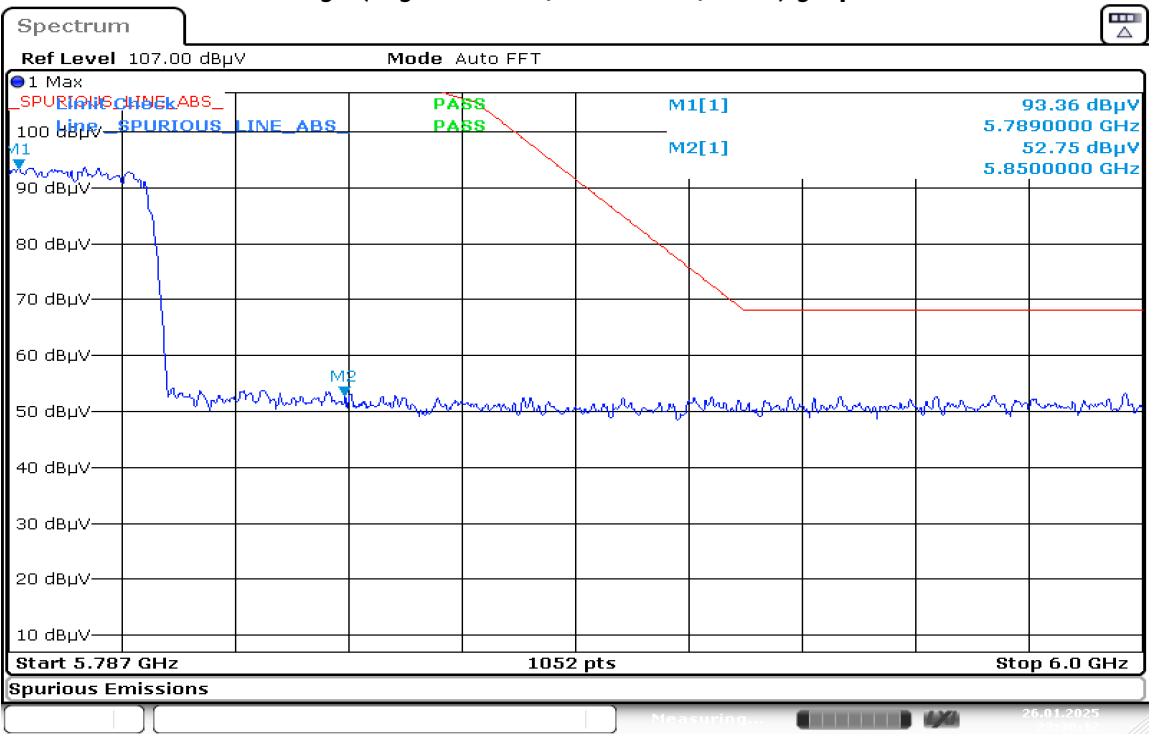
Temperature (degC): 22.5	Humidity (%): 63.1
Test Performed by: Aiman	Test Date: Mon, 27 Jan, 2025
Svstem MU: 5.84dB	

Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



Date: 26. JAN. 2025 23:25:37

Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot

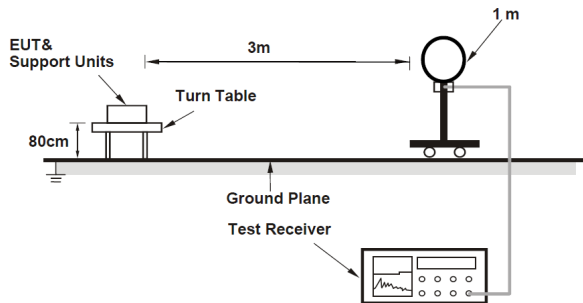


Date: 26. JAN. 2025 23:30:12

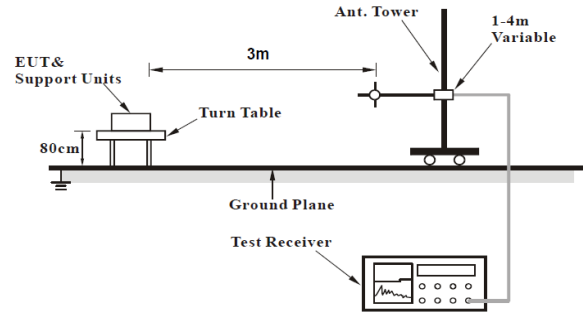
6.7. Radiated Spurious Emission Measurement

6.7.1. Test Setup

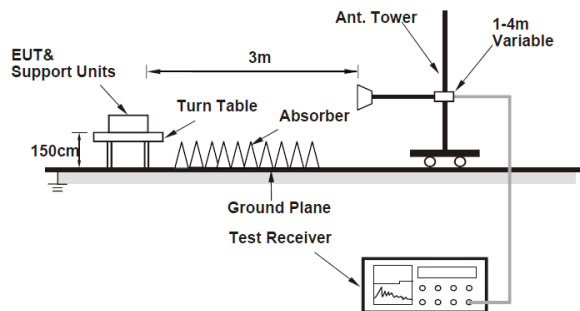
<Radiated emission below 30MHz>



<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



1. The EUT is placed on the top of a rotating table 0.8m/1.5m above the ground at a 3m semi-anechoic chamber. The table is rotated 360 degrees to determine the position of the highest radiation.
2. The EUT is set 3m away from the interference-receiving antenna, which is mounted on the top of a variable-height antenna tower.
3. The antenna is Bilog/Horn antenna depend on which frequency range uses, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT is arranged to its worst case and then the antenna is tuned to heights from 1m to 4m and the rotatable table is turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system is set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode is fall within the range of 10dB from the limit specified, the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Otherwise, the testing could be stopped and the peak values of the EUT would be reported.