



## FCC&IC TEST REPORT

FCC ID: 2AATL-6252B-UUB

IC: 12425A-6252BUUB

On Behalf of

**FN-LINK TECHNOLOGY LIMITED**

**WIFI/Bluetooth MODULE**

**Model No.: 6252B-UUB**

Prepared for : FN-LINK TECHNOLOGY LIMITED  
Address : No.8, Litong Road, Liuyang Economic & Technical Development  
Zone, Changsha, Hunan, China

Prepared By : Shenzhen Alpha Product Testing Co., Ltd.  
Address : Building i, No.2, Lixin Road, Fuyong Street, Bao'an District,  
518103, Shenzhen, Guangdong, China

Report Number : A2308305-C02-R04  
Date of Receipt : November 24, 2023  
Date of Test : November 24, 2023 - January 12, 2024  
Date of Report : January 12, 2024  
Version Number : V0  
**Result Pass**

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## TEST REPORT DECLARATION

Applicant : FN-LINK TECHNOLOGY LIMITED

Address : No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China

Manufacturer : FN-LINK TECHNOLOGY LIMITED

Address : No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China

EUT Description : WIFI/Bluetooth MODULE

(A) Model No. : 6252B-UUB

(B) Trademark : **FN-LINK** 欧智通

Measurement Standard Used:

**FCC Rules and Regulations Part 15 Subpart E**

**RSS-247 Issue 2, ANSI C63.4:2014, ANSI C63.10:2013**

The device described above is tested by Shenzhen Alpha Product Testing Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits both conducted and radiated emissions. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After the test, our opinion is that EUT compliance with the requirement of the above standards.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen Alpha Product Testing Co., Ltd.

Tested by (name + signature).....:

Yannis Wen

Project Engineer



Approved by (name + signature).....:

Reak Yang

Project Manager



Date of issue.....:

January 12, 2024

**Revision History**

| Revision | Issue Date       | Revisions              | Revised By |
|----------|------------------|------------------------|------------|
| V0       | January 12, 2024 | Initial released Issue | Yannis Wen |

## 1 Test Summary

| Test Item                        | Section in CFR 47                                                                     | Result |
|----------------------------------|---------------------------------------------------------------------------------------|--------|
| Antenna requirement              | Section 15.203 Section 7.1.4<br>RSS-Gen Issue 5                                       | PASS   |
| AC Power Line Conducted Emission | Section 15.207 Section 7.2.4<br>RSS-Gen Issue 5, ANSI C63.10                          | PASS   |
| Peak Transmit Power              | Section 15.407(a), RSS-247 Issue 2                                                    | PASS   |
| Power Spectral Density           | Section 15.407(a), RSS-247 Issue 2                                                    | PASS   |
| Undesirable Emission             | Section 15.407(b), RSS-247 Issue 2                                                    | PASS   |
| 26dB/6dB&99% Bandwidth           | Section 15.407, RSS-Gen Issue 5                                                       | PASS   |
| Radiated Emission                | Section 15.407(b)&15.209 Section 5.5<br>RSS-Gen Issue 5, RSS-247 Issue 2, ANSI C63.10 | PASS   |
| Band Edge                        | 15.205, RSS-247 Issue 2,, ANSI C63.10                                                 | PASS   |
| Frequency Stability              | 15.407(f), RSS-GEN(6.11)                                                              | PASS   |

Remark:

1. Pass: The EUT complies with the essential requirements in the standard.
2. Frequency Stability: The manufacturer stated in the user's manual.
3. The conclusion of this test report is judged by actual test data without considering measurement uncertainty.

### 1.1 Measurement Uncertainty

| Item                                                                     | Uncertainty               |
|--------------------------------------------------------------------------|---------------------------|
| Uncertainty for Power point Conducted Emissions Test                     | 1.63dB                    |
| Uncertainty for Radiation Emission test in 3m chamber<br>(below 30MHz)   | 3.5dB                     |
| Uncertainty for Radiation Emission test in 3m chamber<br>(30MHz to 1GHz) | 3.74dB(Polarize: V)       |
|                                                                          | 3.76dB(Polarize: H)       |
| Uncertainty for Radiation Emission test in 3m chamber<br>(1GHz to 25GHz) | 3.77dB(Polarize: V)       |
|                                                                          | 3.80dB(Polarize: H)       |
| Uncertainty for radio frequency                                          | $5.06 \times 10^{-8}$ GHz |
| Uncertainty for conducted RF Power                                       | 0.40dB                    |
| Uncertainty for temperature                                              | 0.2°C                     |
| Uncertainty for humidity                                                 | 1%                        |
| Uncertainty for DC and low frequency voltages                            | 0.06%                     |

## 2 General Information

### 2.1 General Description of EUT

EUT Name : WIFI/Bluetooth MODULE  
Model No. : 6252B-UUB  
DIFF. : N/A  
Power supply : DC 3.3V from USB adapter board

Radio Technology : 5G WIFI

Operation Frequency : 802.11a/n(HT20)/ac(VHT20)/ax20: 5180~5240MHz; 5260-5320MHz; 5500-5700MHz; 5745~5825MHz  
802.11n(HT40)/ac(VHT40)/ax40: 5190~5230MHz; 5260-5320MHz; 5510-5670MHz; 5755~5795MHz  
802.11ac(VHT80)/ax80: 5210MHz, 5290MHz, 5530MHz, 5775MHz

Channel separation : 20MHz for 802.11a/ 802.11ac(VHT20)/ 802.11n(HT20)/ax20  
40MHz for 802.11ac(VHT40)/ 802.11n(HT40)/ax40  
80MHz for 802.11ac(VHT80)/ax80

Modulation technology: : IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)  
IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK)  
IEEE 802.11ac: OFDM (64QAM, 16QAM, QPSK, BPSK)  
IEEE 802.11ax : OFDMA  
(64QAM,16QAM,QPSK,BPSK,256QAM,1024QAM)

Antenna Type : Rod antenna 1, max gain 3.73dBi  
Rod antenna 2, max gain 3.73dBi  
The antenna MIMO combining gain is 6.73dBi.  
(Antenna information is provided by applicant.)

Software version : V1.0

Hardware version : V1.0

Intend use environment : Residential, commercial and light industrial environment

Note: In this report, the main test model is 6252B-UUB, and the main test model serial number is A0000001

## 2.2 Test mode

Transmitting mode      Keep the EUT in transmitting with modulation.  
EUT was test with 99% duty cycle at its maximum power control level.

Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

## 2.3 Test Facility

Shenzhen Alpha Product Testing Co., Ltd  
Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen, Guangdong, China

June 21, 2018 File on Federal Communication Commission  
Registration Number: 293961

July 25, 2017 Certificated by IC  
Registration Number: 12135A

## 2.4 Description of Support Units

Accessories      : /  
Manufacturer      : /  
Model      : /  
Ratings      : /

## 2.5 Deviation from Standards

None.

## 2.6 Abnormalities from Standard Conditions

None.

## 2.7 Other Information Requested by the Customer

None.

## 2.8 Additional instructions

Software (Used for test) from client

| Channel | Power level |
|---------|-------------|
| Lowest  | Default     |
| Middle  | Default     |
| Highest | Default     |

### 3 Test Instruments list

| Equipment                   | Manufacture   | Model No.    | Firmware version | Serial No.             | Last cal.  | Cal Interval |
|-----------------------------|---------------|--------------|------------------|------------------------|------------|--------------|
| 9*6*6 anechoic chamber      | CHENYU        | 9*6*6        | /                | N/A                    | 2022.05.17 | 3Year        |
| Spectrum analyzer           | ROHDE&SCHWARZ | FSV40-N      | 2.3              | 102137                 | 2023.08.16 | 1Year        |
| Spectrum analyzer           | Agilent       | N9020A       | A.14.16          | MY499100060            | 2023.08.16 | 1Year        |
| Receiver                    | ROHDE&SCHWARZ | ESR          | 2.28 SP1         | 1316.3003K03-102082-Wa | 2023.08.16 | 1Year        |
| Receiver                    | R&S           | ESCI         | 4.42 SP1         | 101165                 | 2023.08.16 | 1Year        |
| Bilog Antenna               | Schwarzbeck   | VULB 9168    | /                | VULB 9168#627          | 2023.08.28 | 1Year        |
| Horn Antenna                | SCHWARZBECK   | BBHA 9120 D  | /                | 2106                   | 2023.08.19 | 1Year        |
| Loop Antenna                | SCHWARZBECK   | FMZB 1519B   | /                | 00128                  | 2023.08.19 | 1Year        |
| RF Cable                    | Resenberger   | Cable 1      | /                | RE1                    | 2023.08.16 | 1Year        |
| RF Cable                    | Resenberger   | Cable 2      | /                | RE2                    | 2023.08.16 | 1Year        |
| RF Cable                    | Resenberger   | Cable 3      | /                | CE1                    | 2023.08.16 | 1Year        |
| Pre-amplifier               | HP            | HP8347A      | /                | 2834A00455             | 2023.08.16 | 1Year        |
| Pre-amplifier               | Agilent       | 8449B        | /                | 3008A02664             | 2023.08.16 | 1Year        |
| L.I.S.N.#1                  | Schwarzbeck   | NSLK8126     | /                | 8126-466               | 2023.08.16 | 1Year        |
| L.I.S.N.#2                  | ROHDE&SCHWARZ | ENV216       | /                | 101043                 | 2023.08.16 | 1Year        |
| Horn Antenna                | SCHWARZBECK   | BBHA 9170    | /                | 00946                  | 2023.08.19 | 1Year        |
| Preamplifier                | SKET          | LNPA_1840-50 | /                | SK2018101801           | 2023.08.16 | 1 Year       |
| Power Meter                 | Agilent       | E9300A       | /                | MY41496628             | 2023.08.16 | 1 Year       |
| Power Sensor                | DARE          | RPR3006W     | /                | 15100041SNO91          | 2023.08.16 | 1 Year       |
| Temp. & Humid. Chamber      | Teelong       | TL-HW408S    | /                | TL-20191205-01         | 2023.07.25 | 1 Year       |
| Switching Mode Power Supply | JUNKE         | JK12010S     | /                | 20140927-6             | 2023.08.16 | 1 Year       |
| Adjustable attenuator       | MWRFTest      | N/A          | /                | N/A                    | N/A        | N/A          |
| 10dB Attenuator             | Mini-Circuits | DC-6G        | /                | N/A                    | N/A        | N/A          |

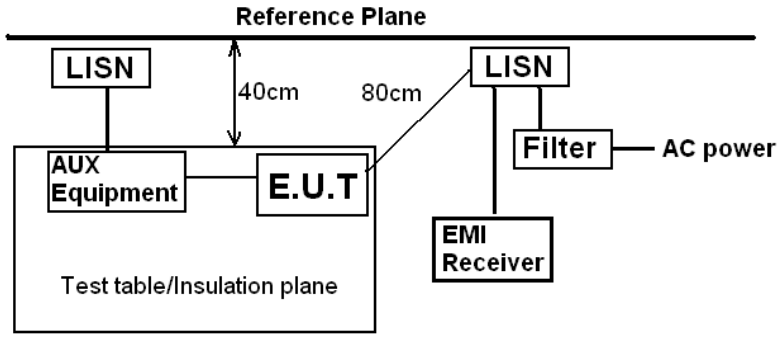
| Software Information |               |              |           |
|----------------------|---------------|--------------|-----------|
| Test Item            | Software Name | Manufacturer | Version   |
| RE                   | EZ-EMC        | EZ           | Alpha-3A1 |
| CE                   | EZ-EMC        | EZ           | Alpha-3A1 |
| RF-CE                | MTS 8310      | MW           | V2.0.0.0  |

## 4 Test results and Measurement Data

### 4.1 Antenna requirement:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Standard requirement:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FCC Part15 C Section 15.203 |
| <p>15.203 requirement:</p> <p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</p> |                             |
| <b>E.U.T Antenna:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |
| <p>The antenna is Rod antenna. The best case gain of the antenna is 3.73dBi, for 5180~5240MHz; 5260-5320MHz; 5500-5700MHz; 5745~5825MHz</p>                                                                                                                                                                                                                                                                                                                                          |                             |

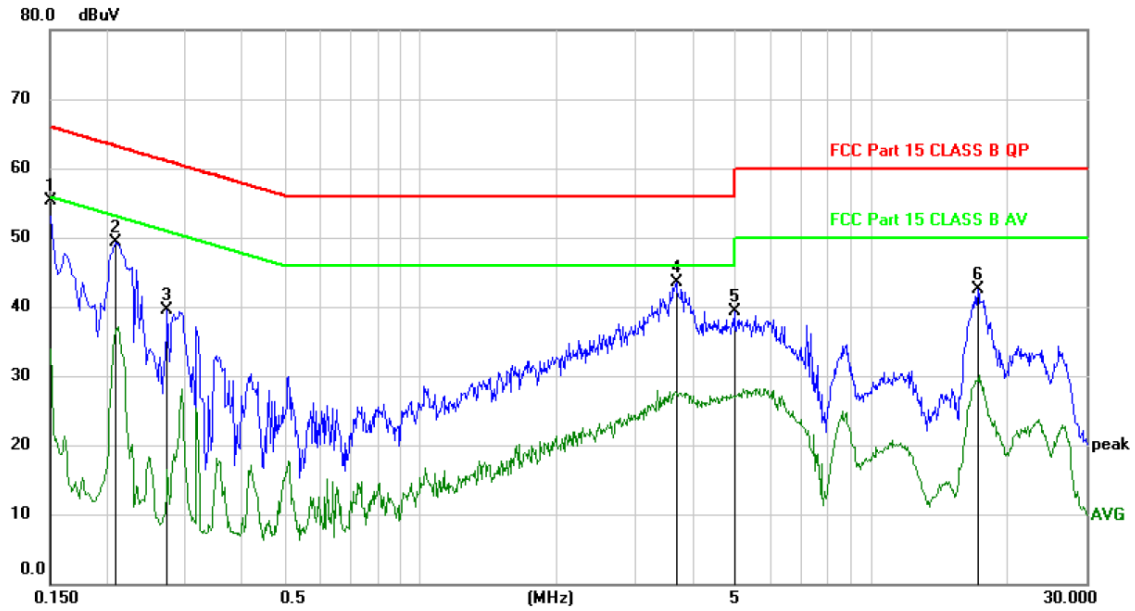
## 4.2 Conducted Emissions

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| Test Requirement:                                | FCC Part15 C Section 15.207, RSS-Gen §8.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |           |
| Test Method:                                     | ANSI C63.10:2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           |
| Test Frequency Range:                            | 150KHz to 30MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |           |
| Class Severity:                                  | Class B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |           |
| Class B                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |           |
| Receiver setup:                                  | RBW=9KHz, VBW=30KHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |           |
| Limit:                                           | Frequency range (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Limit (dBuV) |           |
|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quasi-peak   | Average   |
|                                                  | 0.15-0.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 66 to 56*    | 56 to 46* |
|                                                  | 0.5-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 56           | 46        |
|                                                  | 5-30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 60           | 50        |
| * Decreases with the logarithm of the frequency. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |           |
| Test procedure                                   | The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement. |              |           |
| Test setup:                                      |  <p>Remark:<br/> E.U.T: Equipment Under Test<br/> LISN: Line Impedance Stabilization Network<br/> Test table height=0.8m</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           |
| Test Instruments:                                | Refer to section 5.10 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |           |
| Test mode:                                       | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           |
| Test results:                                    | Pass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |           |

### Measurement Data

An initial pre-scan was performed on the line and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

## Line:

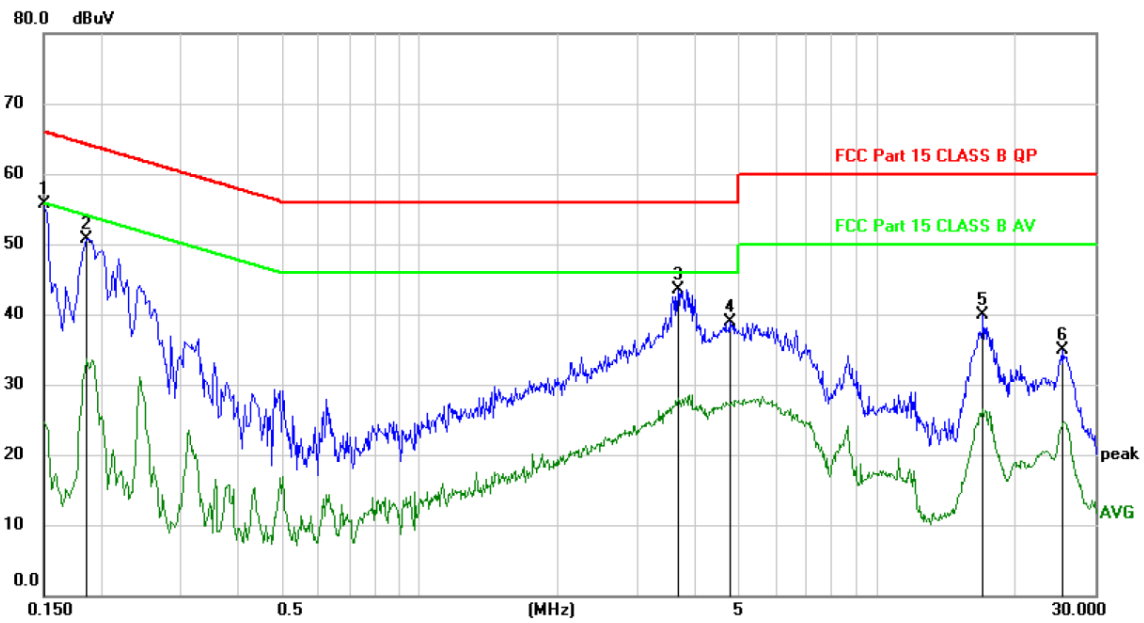


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   | *   | 0.1500       | 55.24                    | 0.00                    | 55.24                    | 66.00         | -10.76       | peak     |         |
| 2   |     | 0.2100       | 49.23                    | 0.00                    | 49.23                    | 63.21         | -13.98       | peak     |         |
| 3   |     | 0.2730       | 39.55                    | 0.00                    | 39.55                    | 61.03         | -21.48       | peak     |         |
| 4   |     | 3.6930       | 43.58                    | 0.00                    | 43.58                    | 56.00         | -12.42       | peak     |         |
| 5   |     | 4.9770       | 39.38                    | 0.00                    | 39.38                    | 56.00         | -16.62       | peak     |         |
| 6   |     | 17.2410      | 42.55                    | 0.00                    | 42.55                    | 60.00         | -17.45       | peak     |         |

\*:Maximum data    x:Over limit    !:over margin

⟨Reference Only

Note: Measurement=Reading Level+Correc Factor.    Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

**Neutral:**

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Margin<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|--------------|----------|---------|
| 1   | *   | 0.1500       | 55.65                    | 0.00                    | 55.65                    | 66.00         | -10.35       | peak     |         |
| 2   |     | 0.1860       | 50.71                    | 0.00                    | 50.71                    | 64.21         | -13.50       | peak     |         |
| 3   |     | 3.6720       | 43.48                    | 0.00                    | 43.48                    | 56.00         | -12.52       | peak     |         |
| 4   |     | 4.7640       | 38.99                    | 0.00                    | 38.99                    | 56.00         | -17.01       | peak     |         |
| 5   |     | 17.0370      | 39.99                    | 0.00                    | 39.99                    | 60.00         | -20.01       | peak     |         |
| 6   |     | 25.4100      | 34.84                    | 0.00                    | 34.84                    | 60.00         | -25.16       | peak     |         |

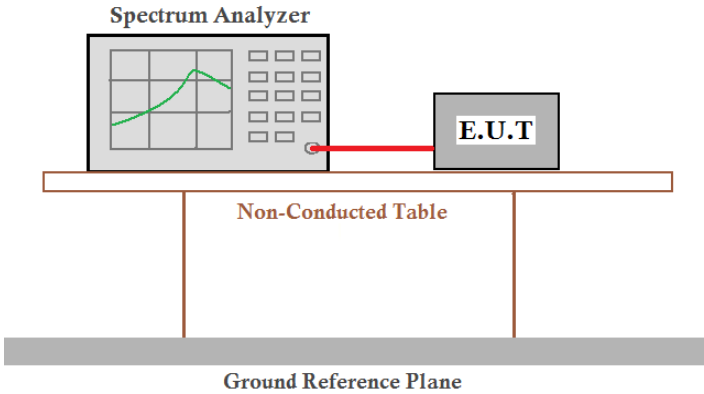
\*:Maximum data    x:Over limit    !:over margin

⟨Reference Only

Note: Measurement=Reading Level+Correc Factor.    Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

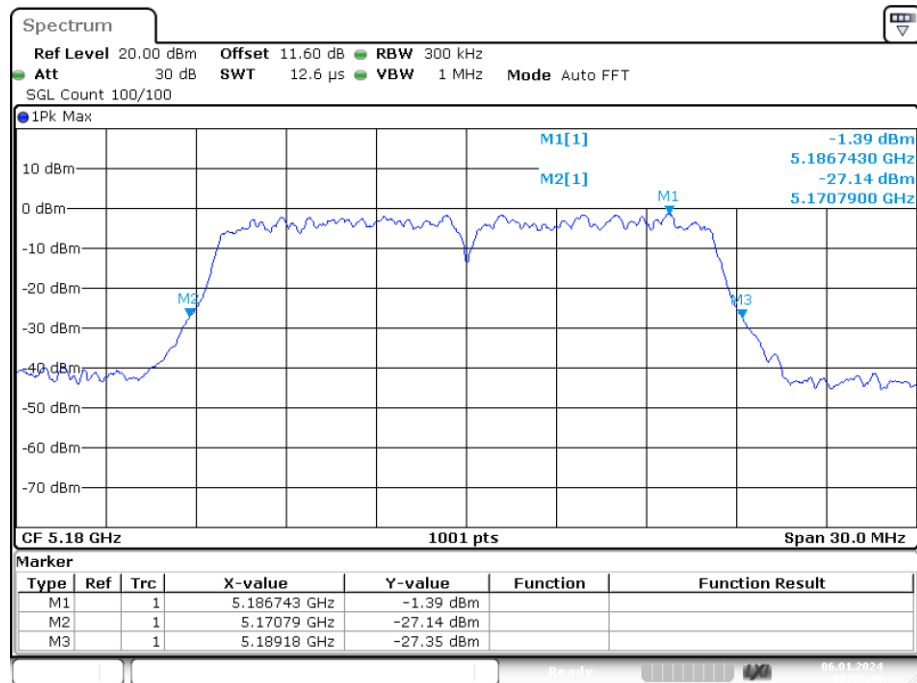
Note: All modes and channels have been tested and only the A 5180MHz mode with the worst data is listed.

#### 4.3 Emission Bandwidth and 99% Occupied Bandwidth

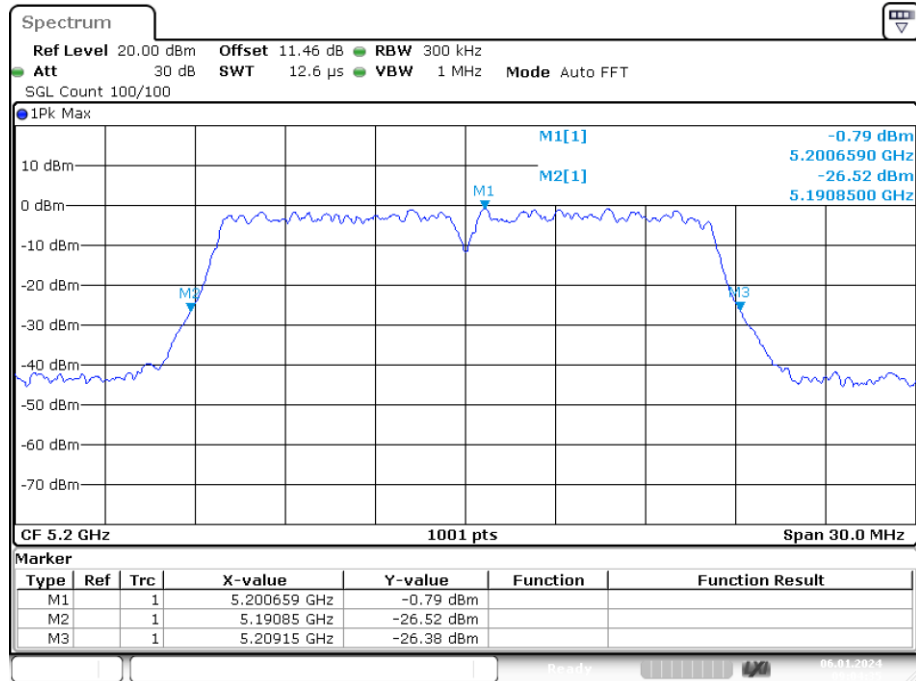
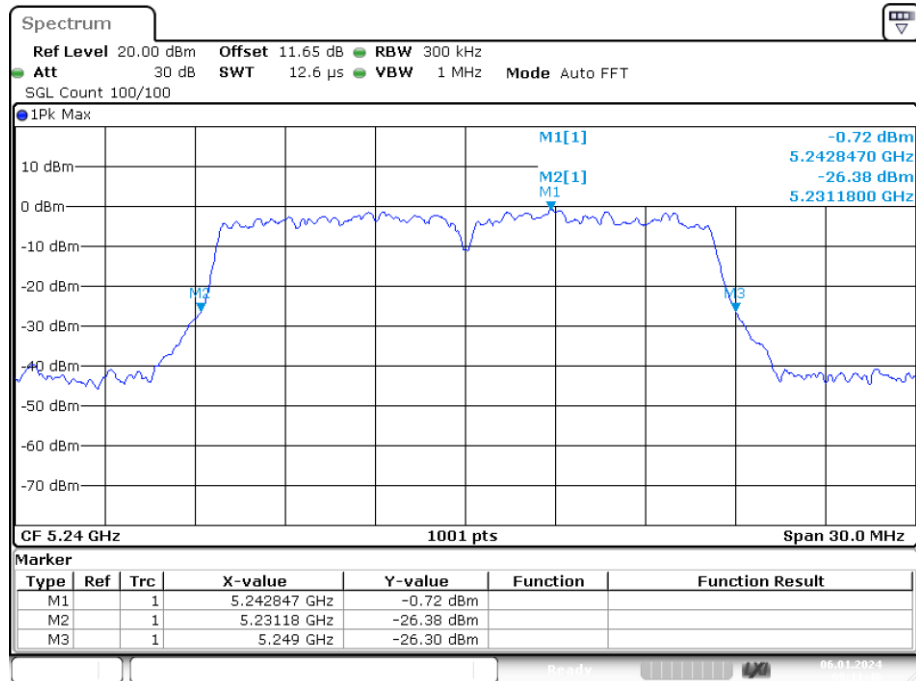
|                   |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement: | FCC Part15 E Section 15.407, RSS-Gen §6.7; RSS-247 §6.2                                                                                                                                                                                                                                                                                                  |
| Test Method:      | KDB 789033 D02 General UNII Test Procedures New Rules v02r01                                                                                                                                                                                                                                                                                             |
| Limit:            | >500kHz for 6 dB bandwidth                                                                                                                                                                                                                                                                                                                               |
| Test setup:       |  <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.</p> |
| Test procedure:   | According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01.                                                                                                                                                                                                                                                                               |
| Test Instruments: | Refer to section 5.10 for details                                                                                                                                                                                                                                                                                                                        |
| Test mode:        | Refer to section 5.3 for details                                                                                                                                                                                                                                                                                                                         |
| Test results:     | Pass                                                                                                                                                                                                                                                                                                                                                     |

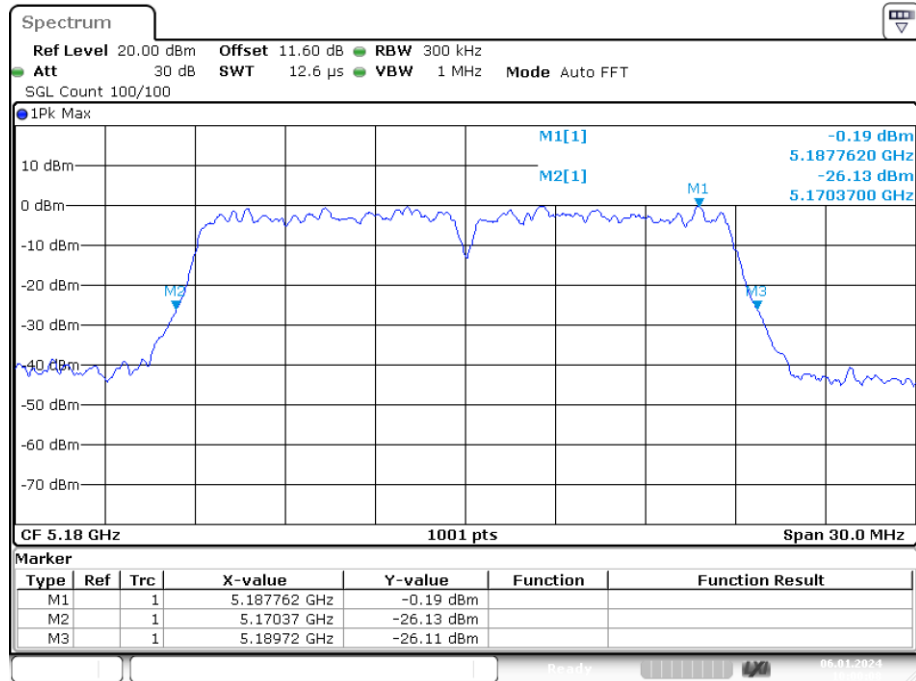
**Measurement Data:****Band 1 (5150-5250 MHz):****-26dB Bandwidth**

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|------|-----------------|---------|------------------------|
| NVNT      | a    | 5180            | Ant1    | 18.39                  |
| NVNT      | a    | 5200            | Ant1    | 18.3                   |
| NVNT      | a    | 5240            | Ant1    | 17.82                  |
| NVNT      | ac20 | 5180            | Ant1    | 19.35                  |
| NVNT      | ac20 | 5200            | Ant1    | 19.44                  |
| NVNT      | ac20 | 5240            | Ant1    | 19.59                  |
| NVNT      | ac40 | 5190            | Ant1    | 38.34                  |
| NVNT      | ac40 | 5230            | Ant1    | 38.16                  |
| NVNT      | ac80 | 5210            | Ant1    | 80.88                  |
| NVNT      | ax20 | 5180            | Ant1    | 20.37                  |
| NVNT      | ax20 | 5200            | Ant1    | 19.98                  |
| NVNT      | ax20 | 5240            | Ant1    | 19.86                  |
| NVNT      | ax40 | 5190            | Ant1    | 39.18                  |
| NVNT      | ax40 | 5230            | Ant1    | 39.12                  |
| NVNT      | ax80 | 5210            | Ant1    | 82.44                  |
| NVNT      | n20  | 5180            | Ant1    | 19.32                  |
| NVNT      | n20  | 5200            | Ant1    | 19.29                  |
| NVNT      | n20  | 5240            | Ant1    | 19.38                  |
| NVNT      | n40  | 5190            | Ant1    | 38.52                  |
| NVNT      | n40  | 5230            | Ant1    | 38.58                  |

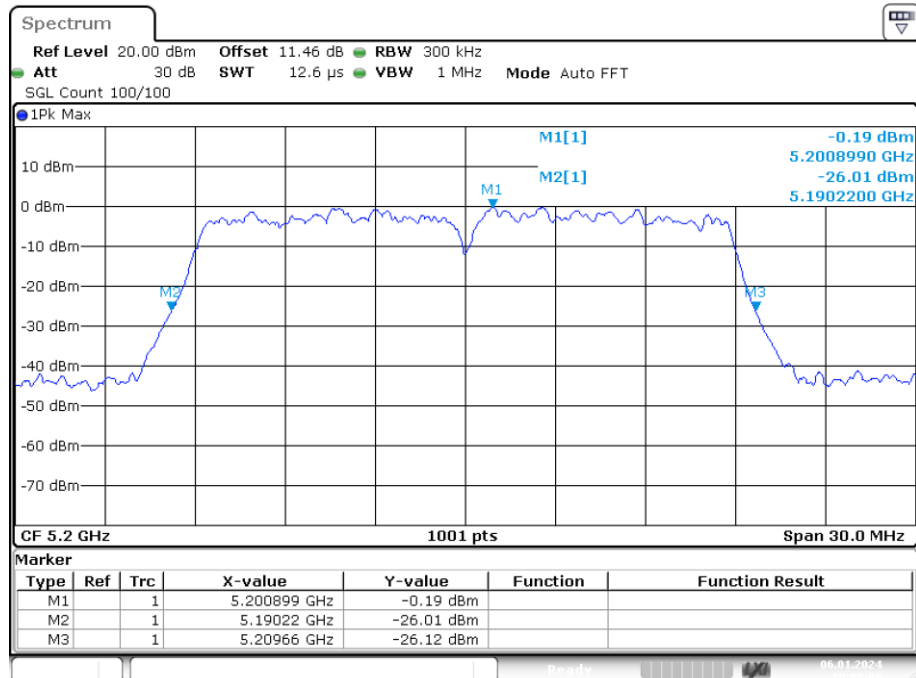
**-26dB Bandwidth NVNT a 5180MHz Ant1**

Date: 6.JAN.2024 08:55:30

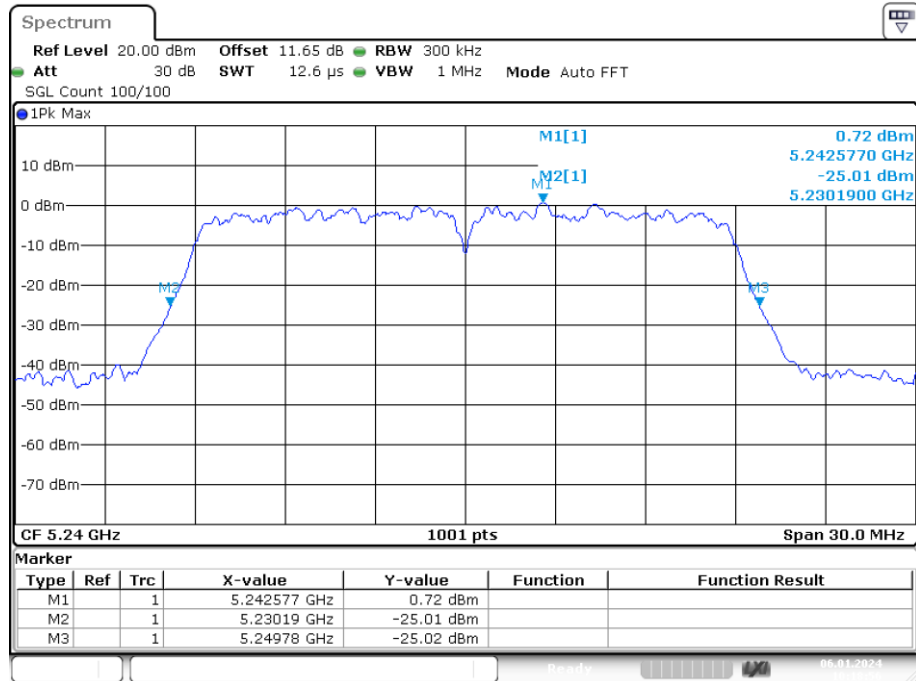
**-26dB Bandwidth NVNT a 5200MHz Ant1****-26dB Bandwidth NVNT a 5240MHz Ant1**

**-26dB Bandwidth NVNT ac20 5180MHz Ant1**

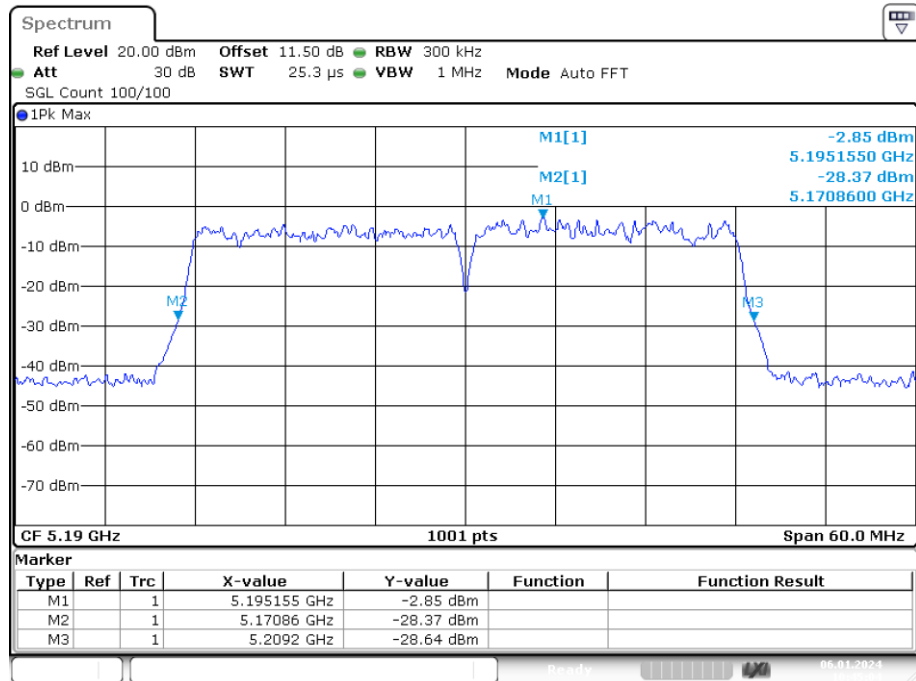
Date: 6.JAN.2024 10:00:08

**-26dB Bandwidth NVNT ac20 5200MHz Ant1**

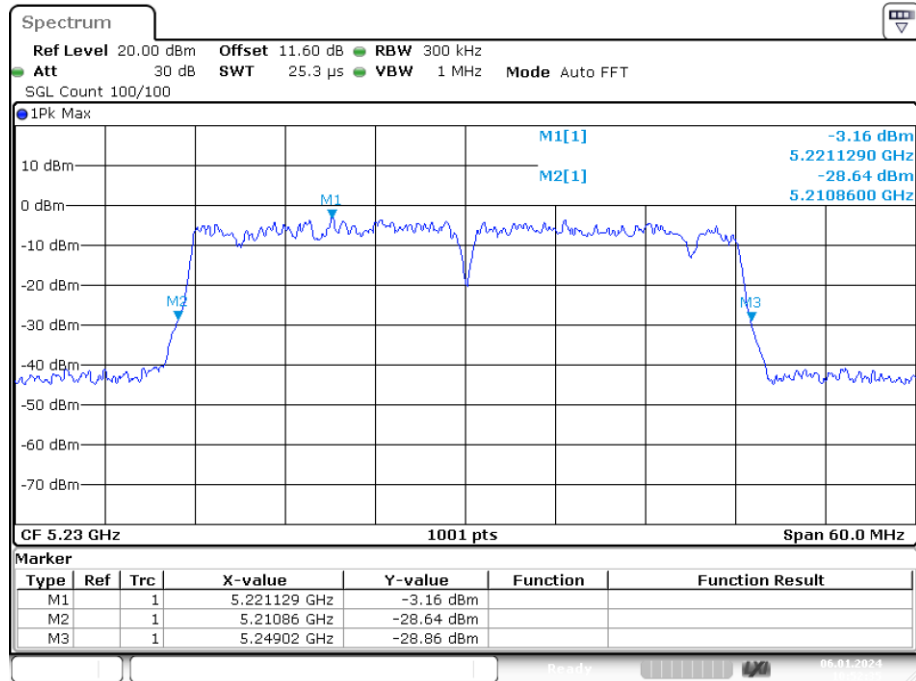
Date: 6.JAN.2024 10:08:59

**-26dB Bandwidth NVNT ac20 5240MHz Ant1**

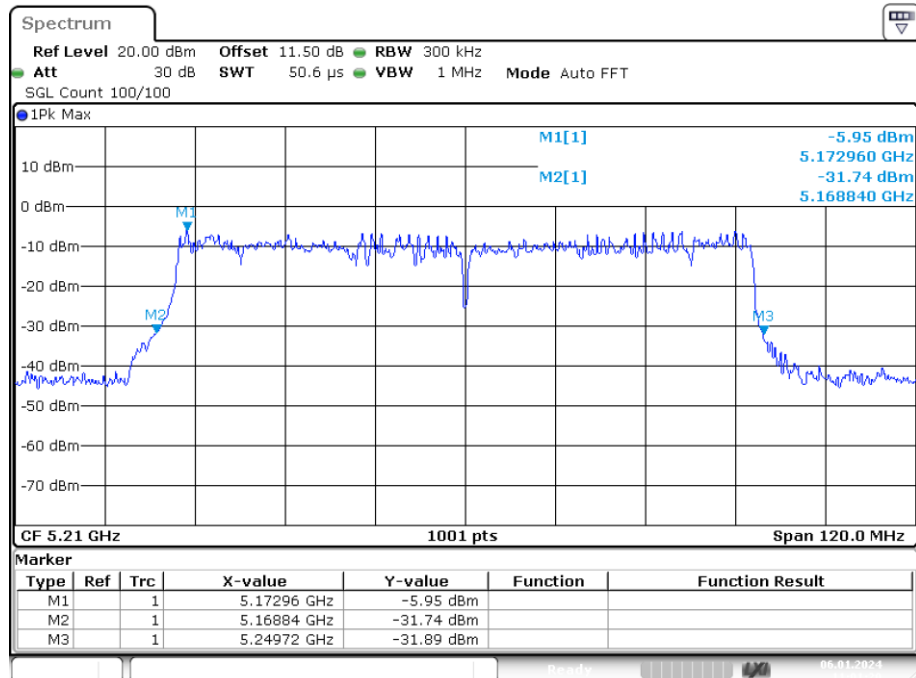
Date: 6.JAN.2024 10:18:56

**-26dB Bandwidth NVNT ac40 5190MHz Ant1**

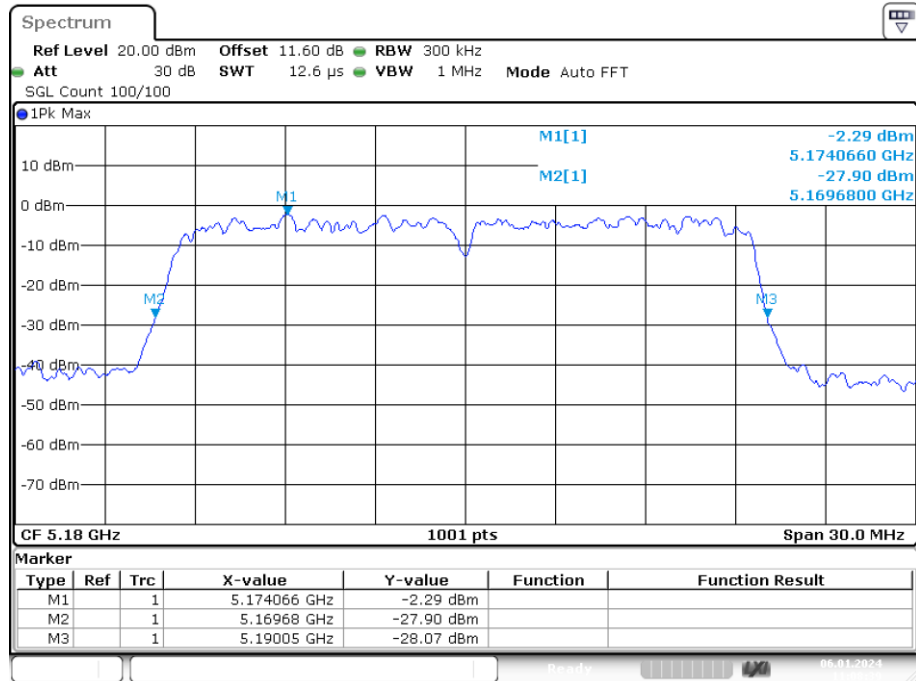
Date: 6.JAN.2024 10:45:04

**-26dB Bandwidth NVNT ac40 5230MHz Ant1**

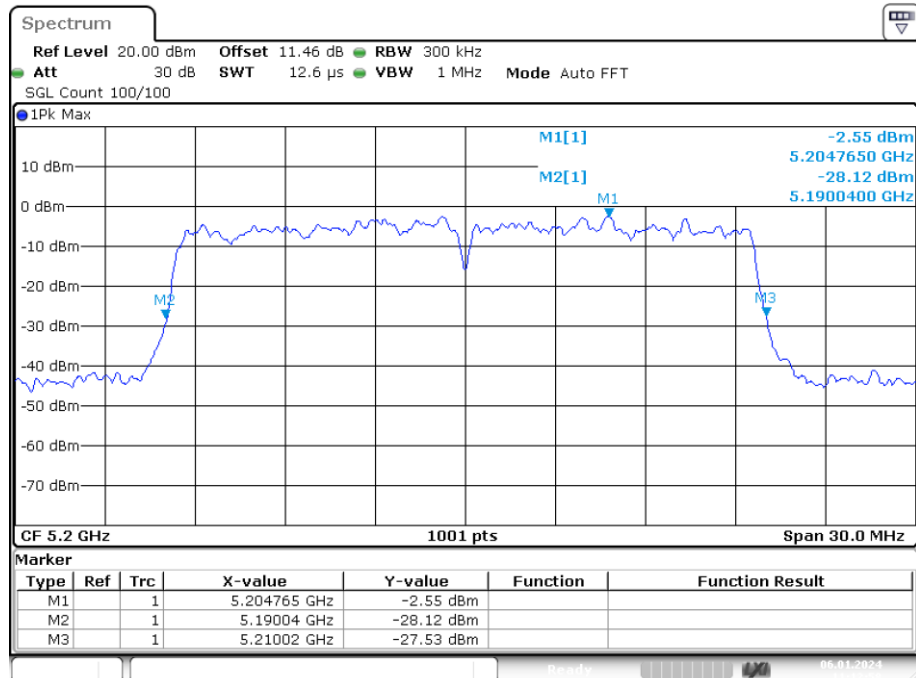
Date: 6.JAN.2024 10:52:36

**-26dB Bandwidth NVNT ac80 5210MHz Ant1**

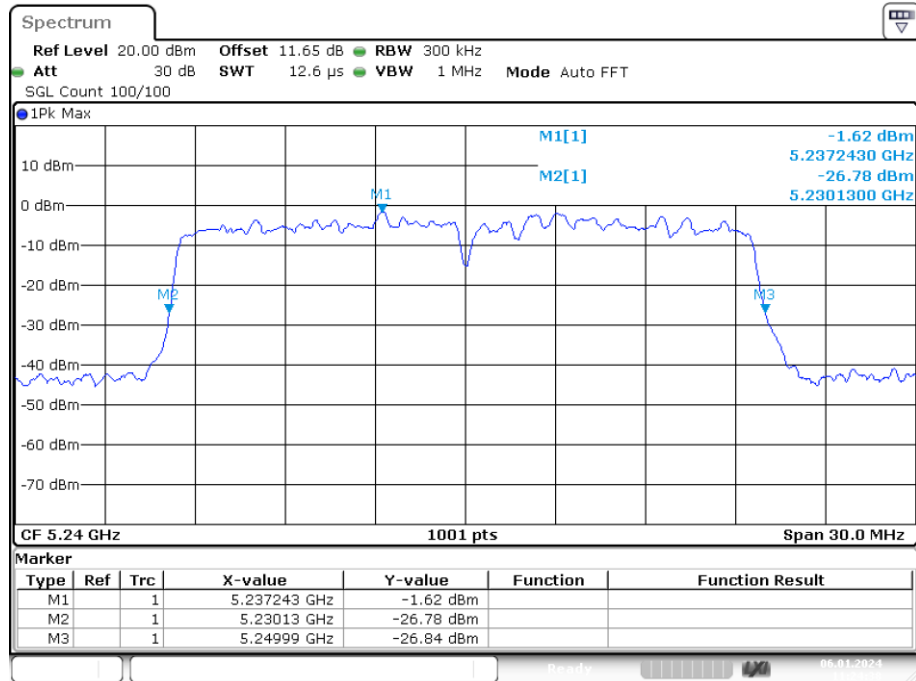
Date: 6.JAN.2024 11:01:20

**-26dB Bandwidth NVNT ax20 5180MHz Ant1**

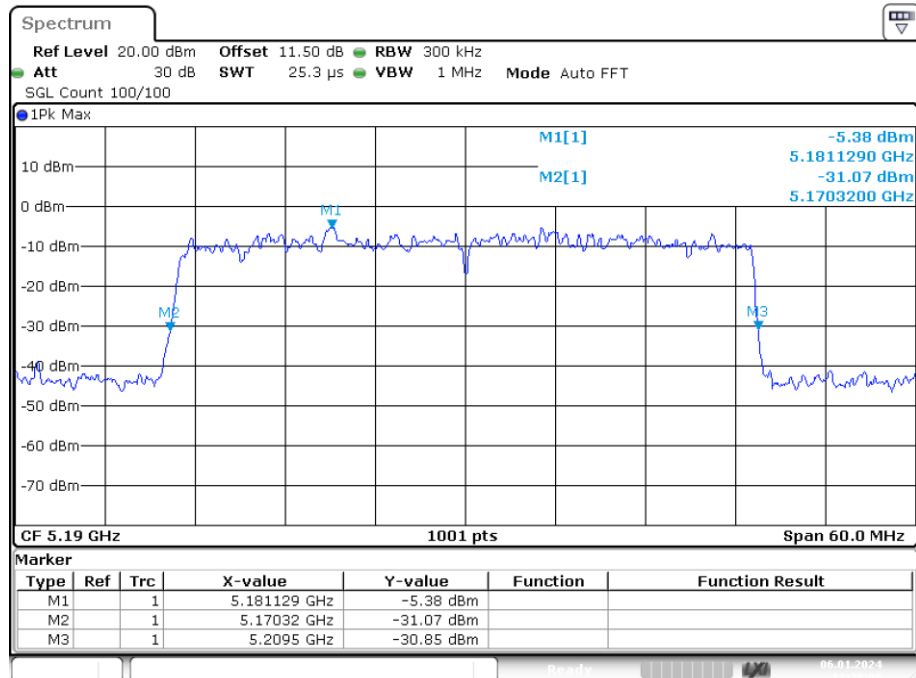
Date: 6.JAN.2024 11:08:38

**-26dB Bandwidth NVNT ax20 5200MHz Ant1**

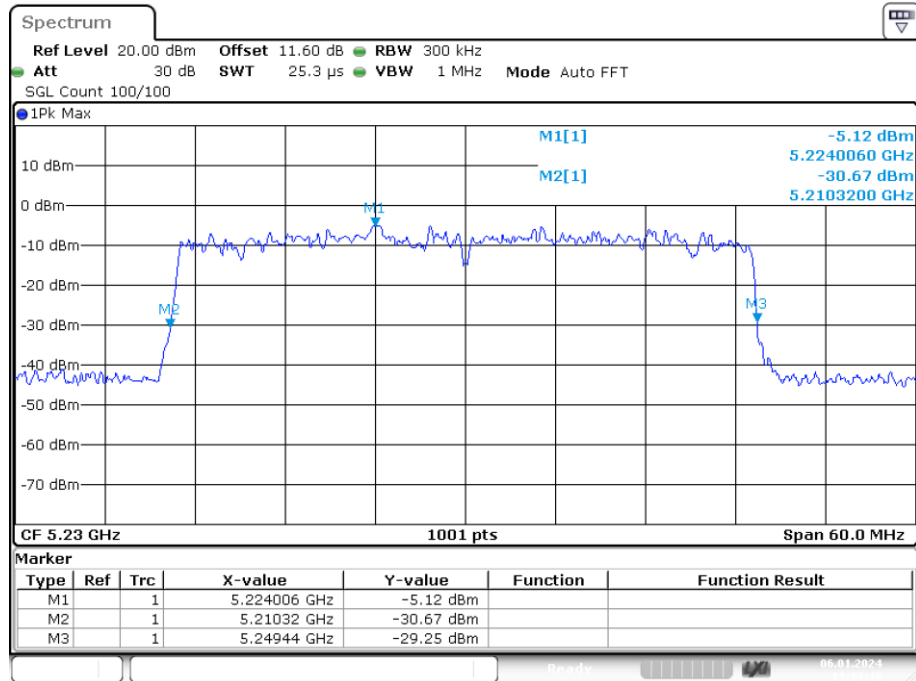
Date: 6.JAN.2024 11:12:58

**-26dB Bandwidth NVNT ax20 5240MHz Ant1**

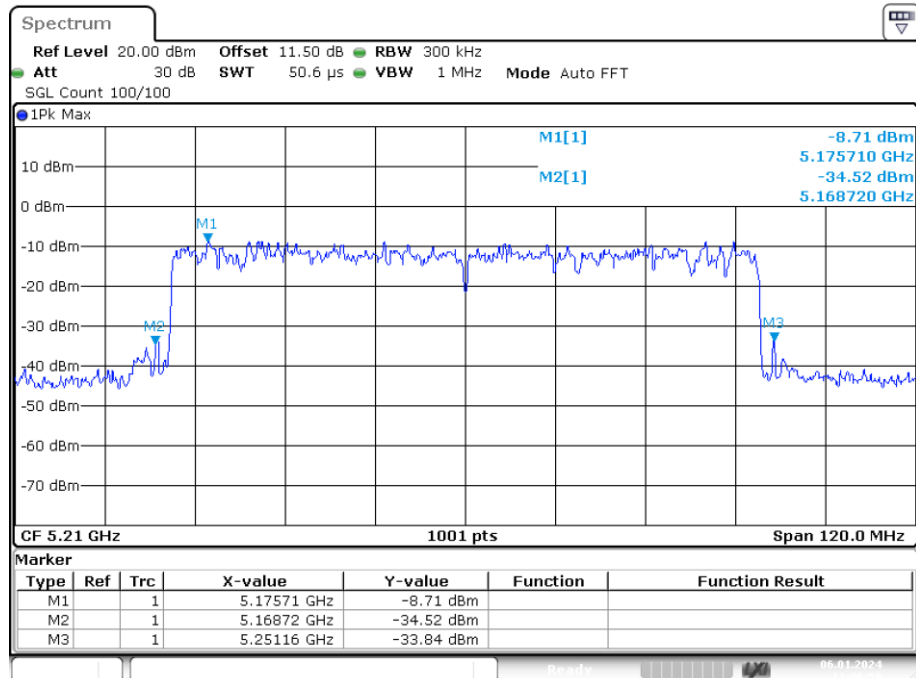
Date: 6.JAN.2024 11:24:38

**-26dB Bandwidth NVNT ax40 5190MHz Ant1**

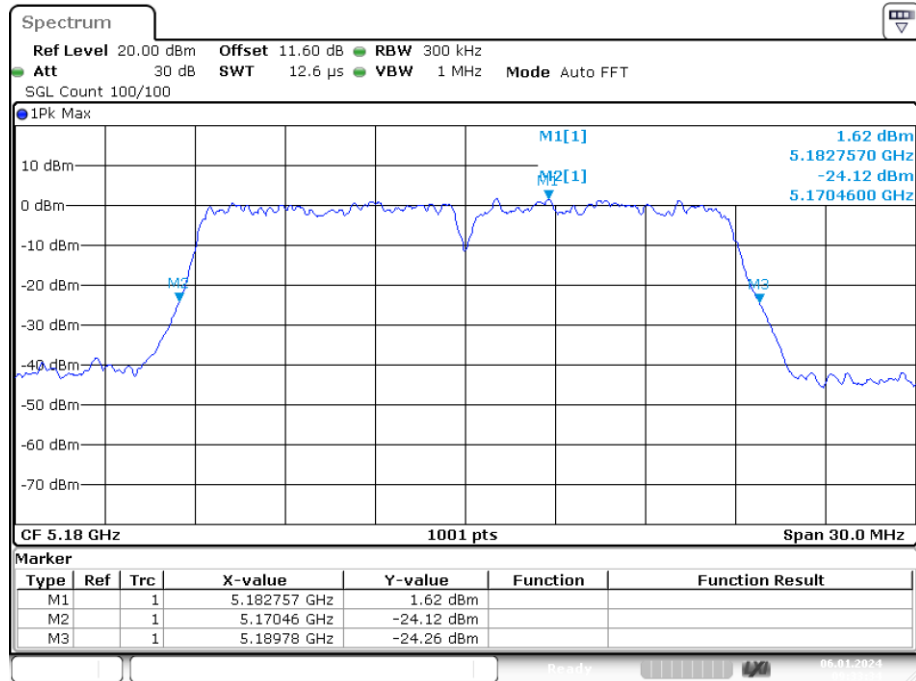
Date: 6.JAN.2024 11:28:00

**-26dB Bandwidth NVNT ax40 5230MHz Ant1**

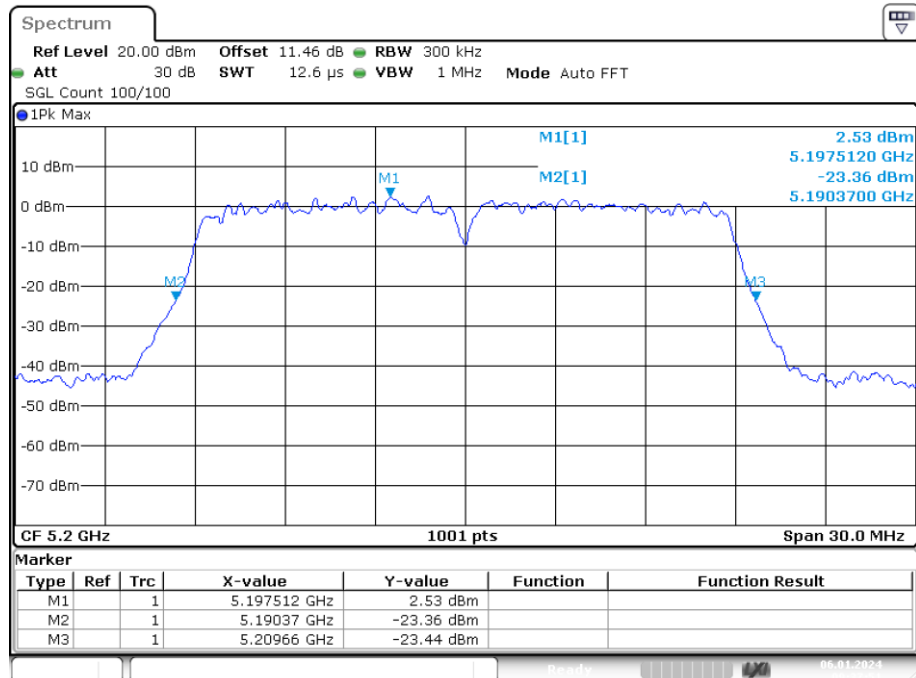
Date: 6.JAN.2024 11:33:48

**-26dB Bandwidth NVNT ax80 5210MHz Ant1**

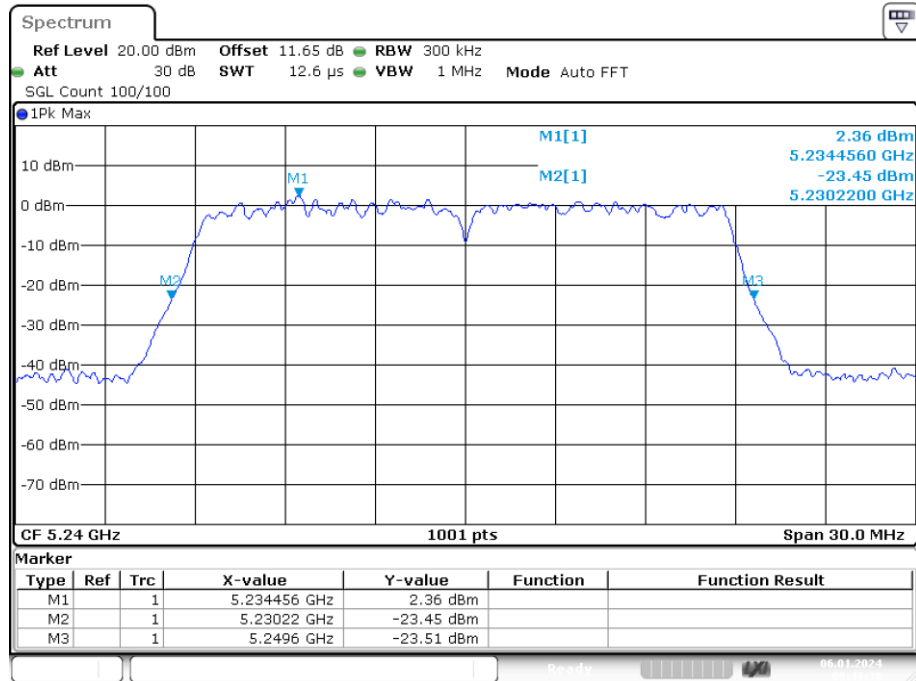
Date: 6.JAN.2024 11:36:59

**-26dB Bandwidth NVNT n20 5180MHz Ant1**

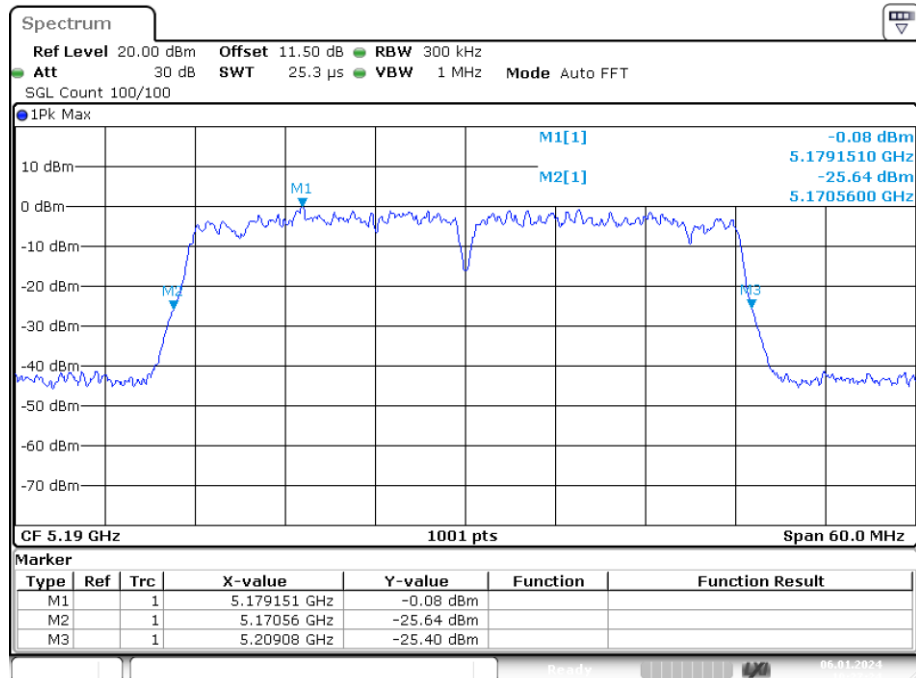
Date: 6.JAN.2024 09:33:34

**-26dB Bandwidth NVNT n20 5200MHz Ant1**

Date: 6.JAN.2024 09:37:51

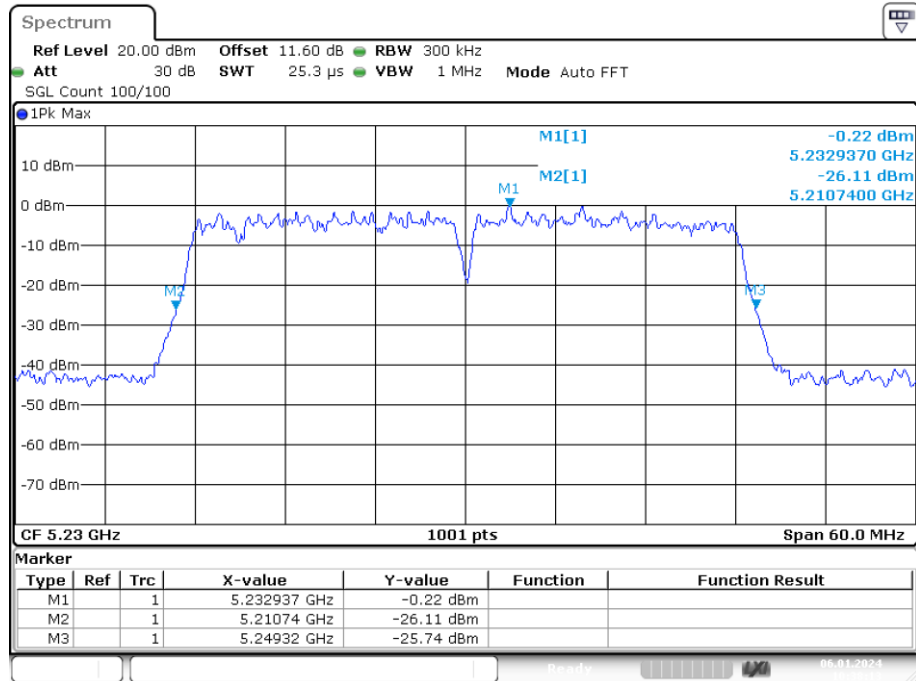
**-26dB Bandwidth NVNT n20 5240MHz Ant1**

Date: 6.JAN.2024 09:43:37

**-26dB Bandwidth NVNT n40 5190MHz Ant1**

Date: 6.JAN.2024 10:27:24

## -26dB Bandwidth NVNT n40 5230MHz Ant1

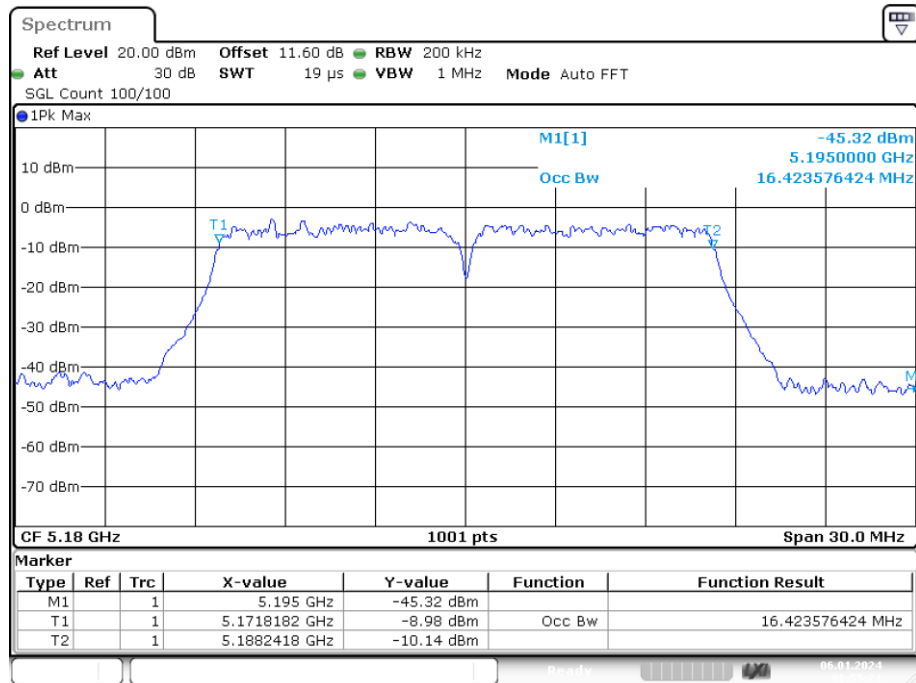


Date: 6.JAN.2024 10:38:14

## Occupied Channel Bandwidth

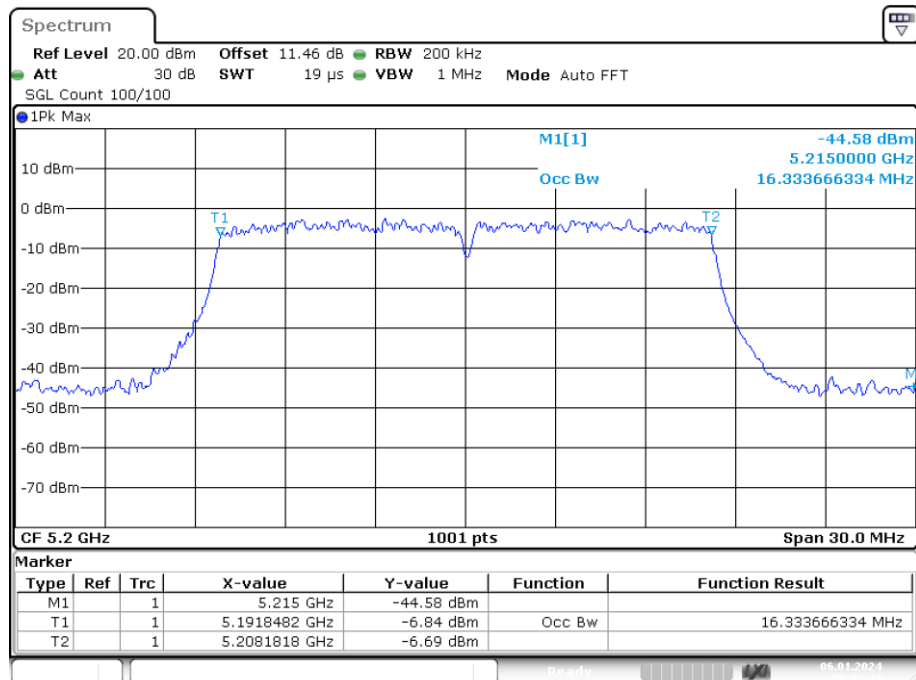
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5180            | Ant1    | 16.424        |
| NVNT      | a    | 5200            | Ant1    | 16.334        |
| NVNT      | a    | 5240            | Ant1    | 16.334        |
| NVNT      | ac20 | 5180            | Ant1    | 17.562        |
| NVNT      | ac20 | 5200            | Ant1    | 17.532        |
| NVNT      | ac20 | 5240            | Ant1    | 17.532        |
| NVNT      | ac40 | 5190            | Ant1    | 35.964        |
| NVNT      | ac40 | 5230            | Ant1    | 35.904        |
| NVNT      | ac80 | 5210            | Ant1    | 76.244        |
| NVNT      | ax20 | 5180            | Ant1    | 18.911        |
| NVNT      | ax20 | 5200            | Ant1    | 18.821        |
| NVNT      | ax20 | 5240            | Ant1    | 18.911        |
| NVNT      | ax40 | 5190            | Ant1    | 37.762        |
| NVNT      | ax40 | 5230            | Ant1    | 37.882        |
| NVNT      | ax80 | 5210            | Ant1    | 77.203        |
| NVNT      | n20  | 5180            | Ant1    | 17.562        |
| NVNT      | n20  | 5200            | Ant1    | 17.562        |
| NVNT      | n20  | 5240            | Ant1    | 17.532        |
| NVNT      | n40  | 5190            | Ant1    | 36.024        |
| NVNT      | n40  | 5230            | Ant1    | 36.084        |

## OBW NVNT a 5180MHz Ant1



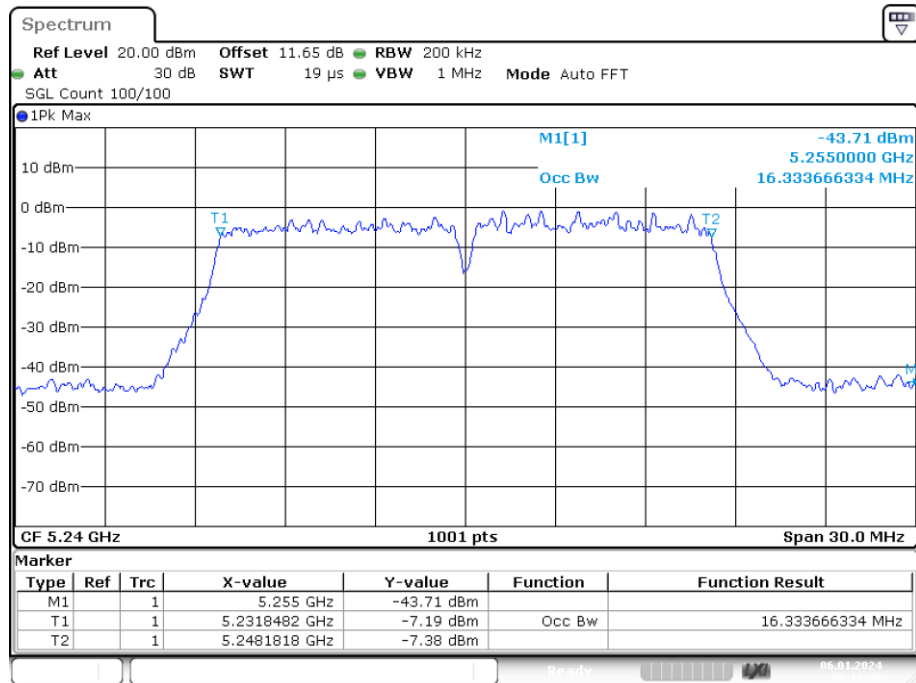
Date: 6.JAN.2024 08:55:21

## OBW NVNT a 5200MHz Ant1

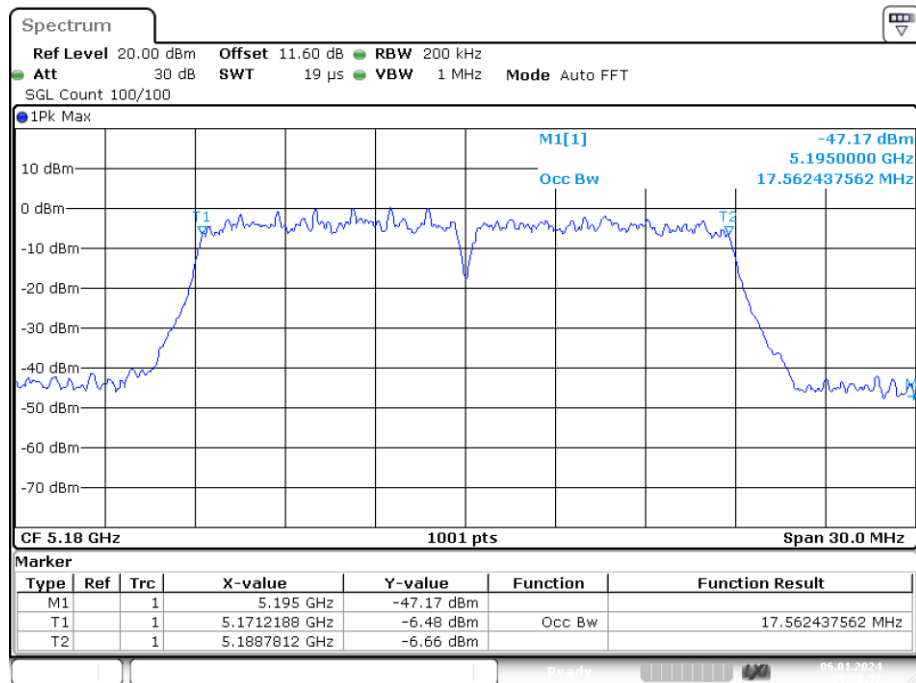


Date: 6.JAN.2024 09:04:24

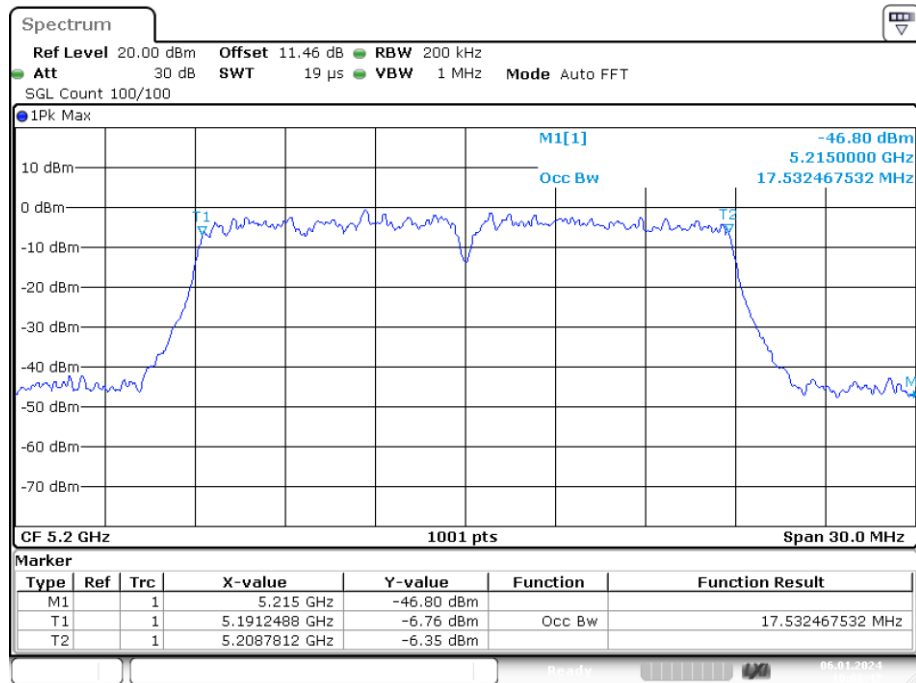
## OBW NVNT a 5240MHz Ant1



## OBW NVNT ac20 5180MHz Ant1

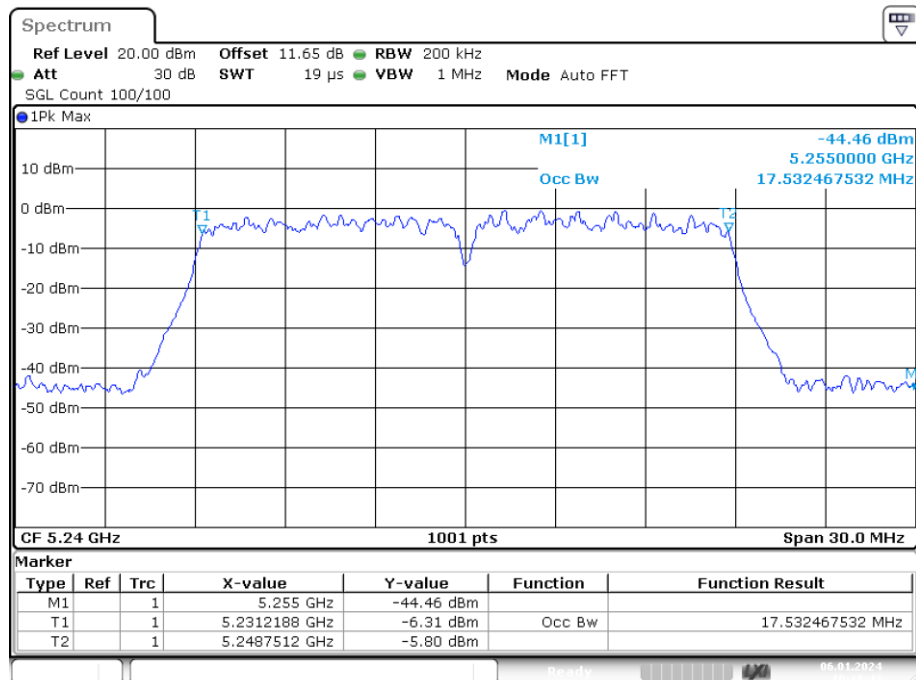


## OBW NVNT ac20 5200MHz Ant1



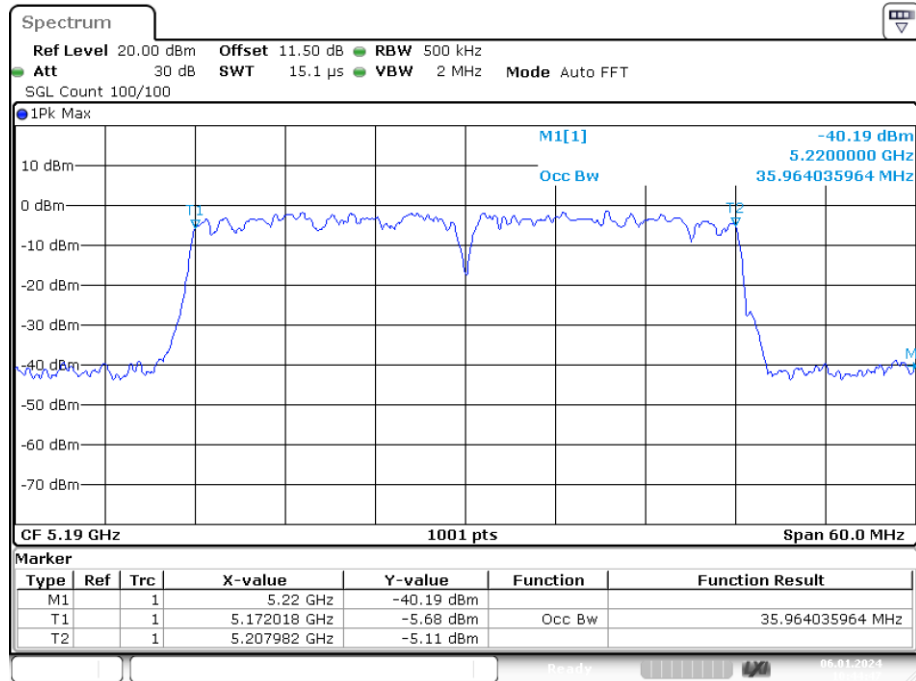
Date: 6.JAN.2024 10:08:47

## OBW NVNT ac20 5240MHz Ant1



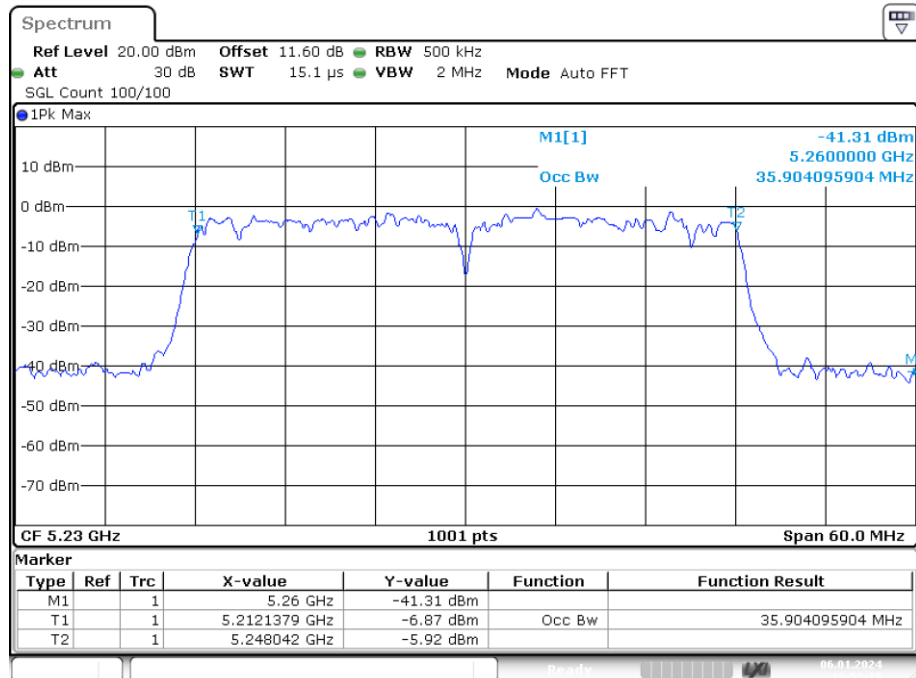
Date: 6.JAN.2024 10:18:43

## OBW NVNT ac40 5190MHz Ant1



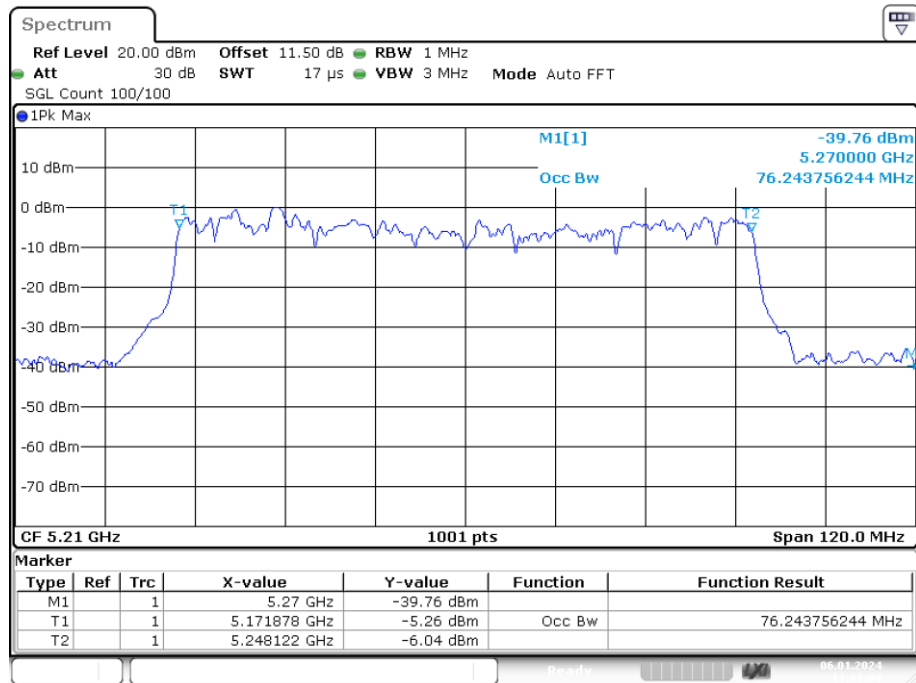
Date: 6.JAN.2024 10:44:47

## OBW NVNT ac40 5230MHz Ant1



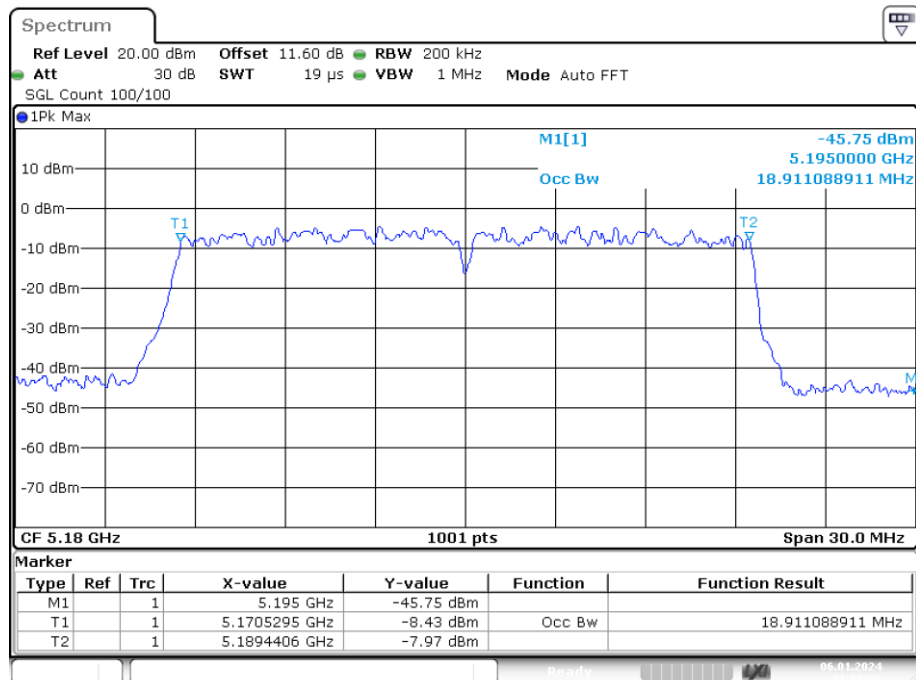
Date: 6.JAN.2024 10:52:19

## OBW NVNT ac80 5210MHz Ant1



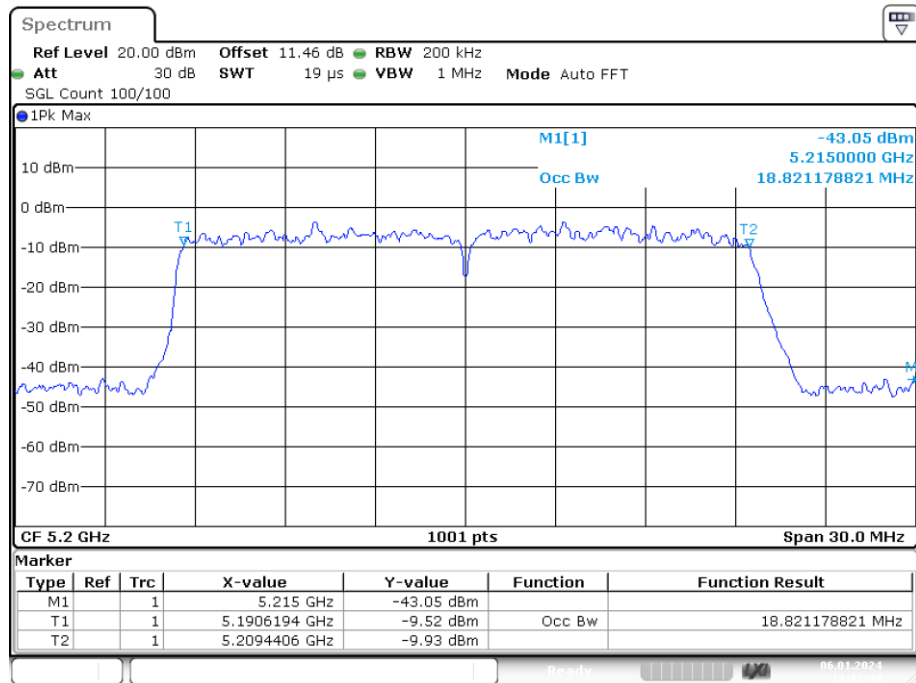
Date: 6.JAN.2024 11:01:00

## OBW NVNT ax20 5180MHz Ant1



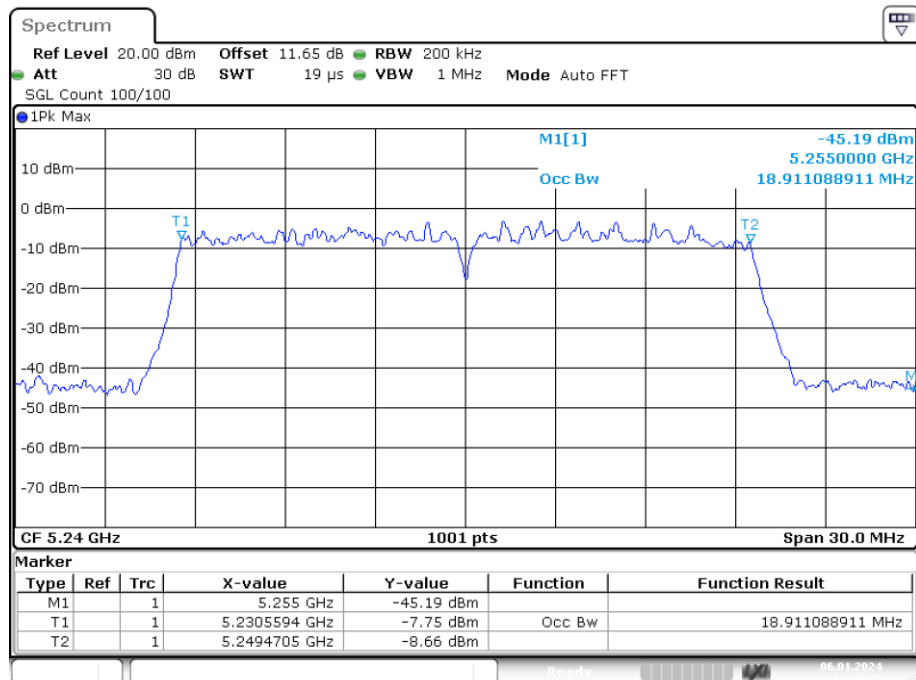
Date: 6.JAN.2024 11:08:29

## OBW NVNT ax20 5200MHz Ant1



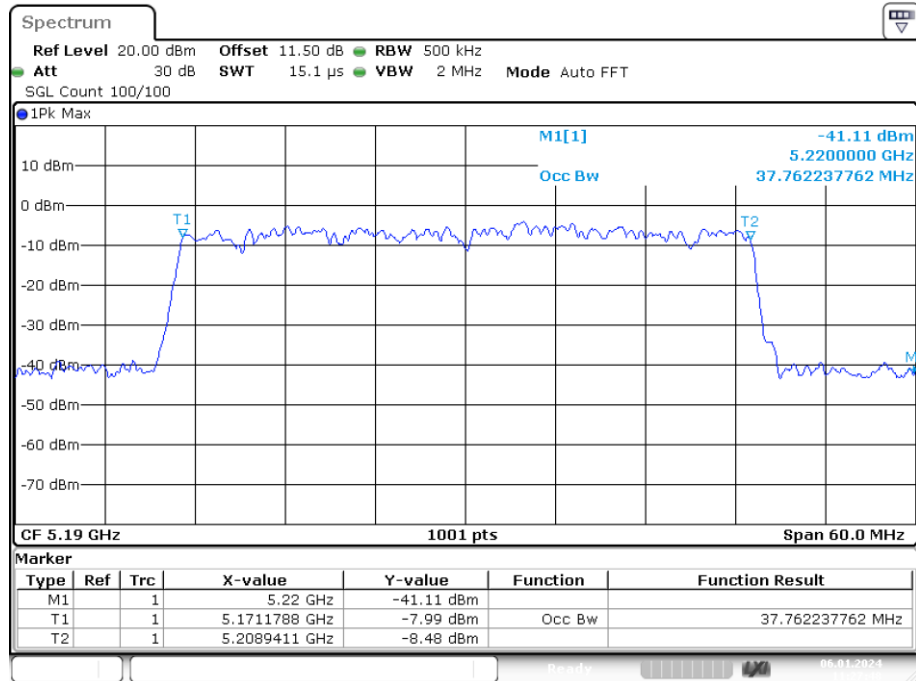
Date: 6.JAN.2024 11:12:48

## OBW NVNT ax20 5240MHz Ant1



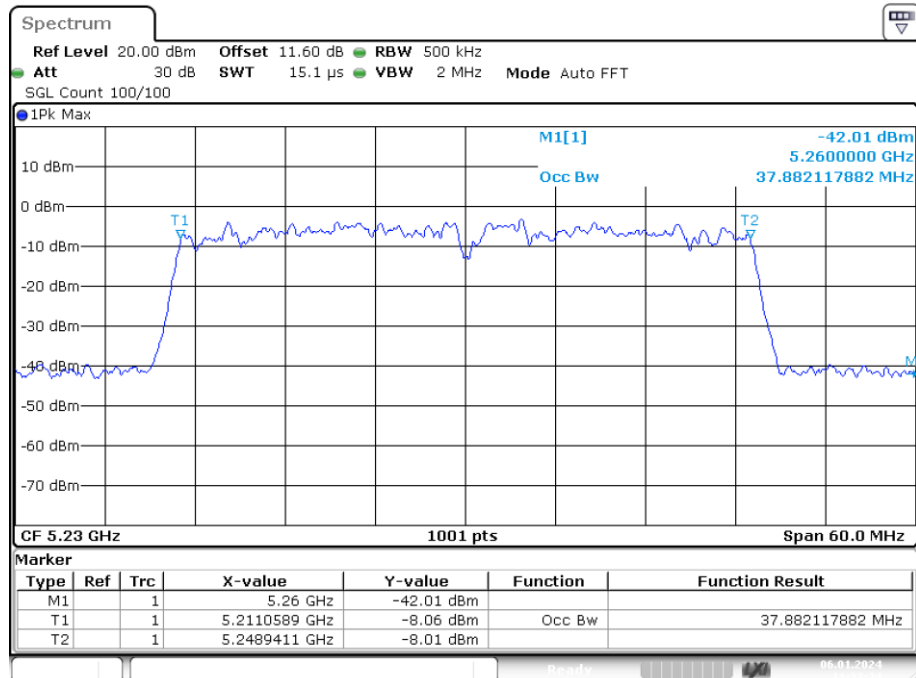
Date: 6.JAN.2024 11:24:28

## OBW NVNT ax40 5190MHz Ant1



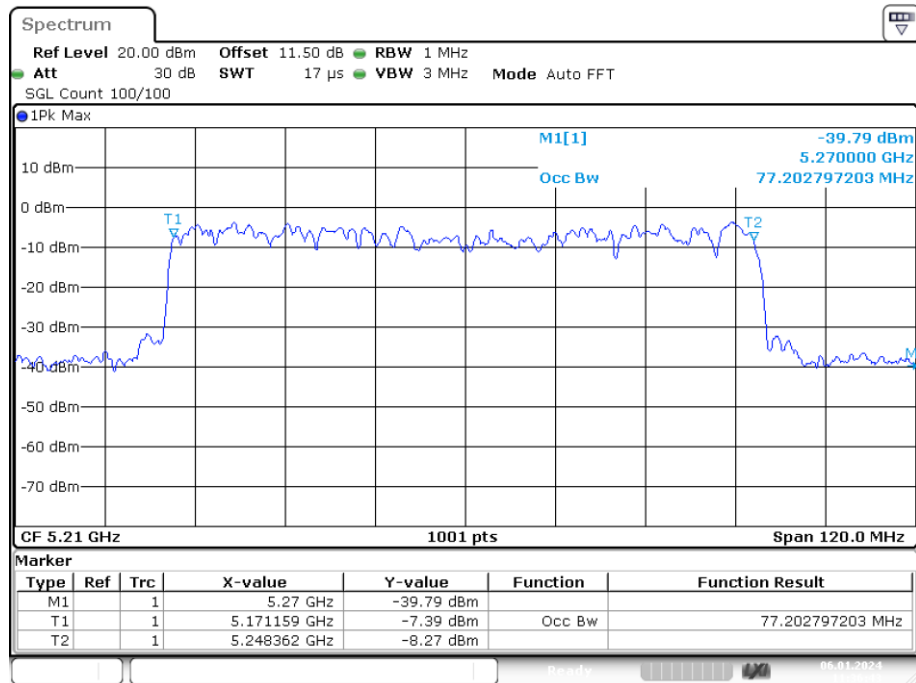
Date: 6.JAN.2024 11:27:48

## OBW NVNT ax40 5230MHz Ant1



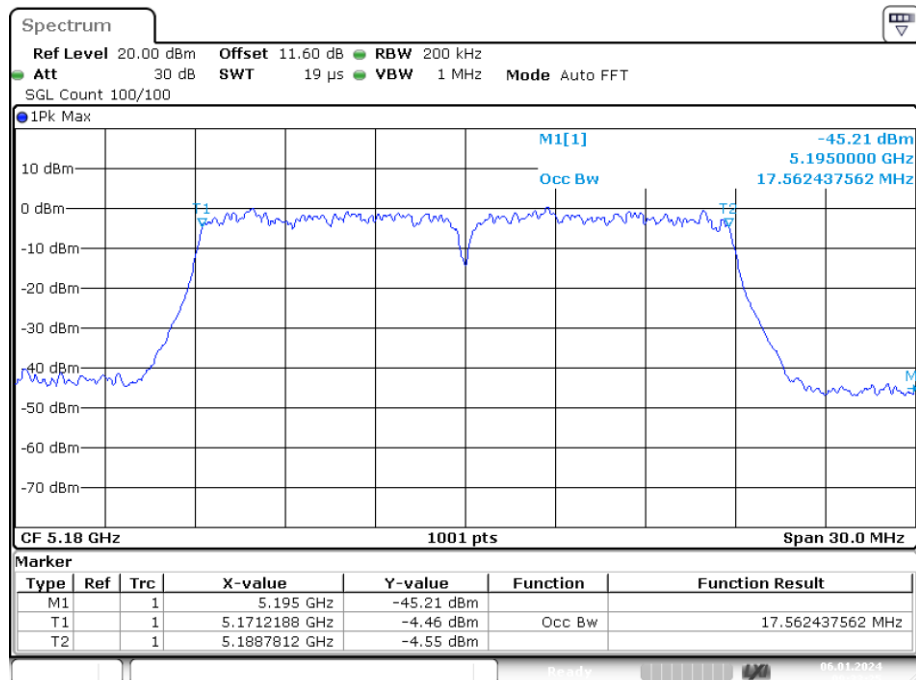
Date: 6.JAN.2024 11:33:34

## OBW NVNT ax80 5210MHz Ant1



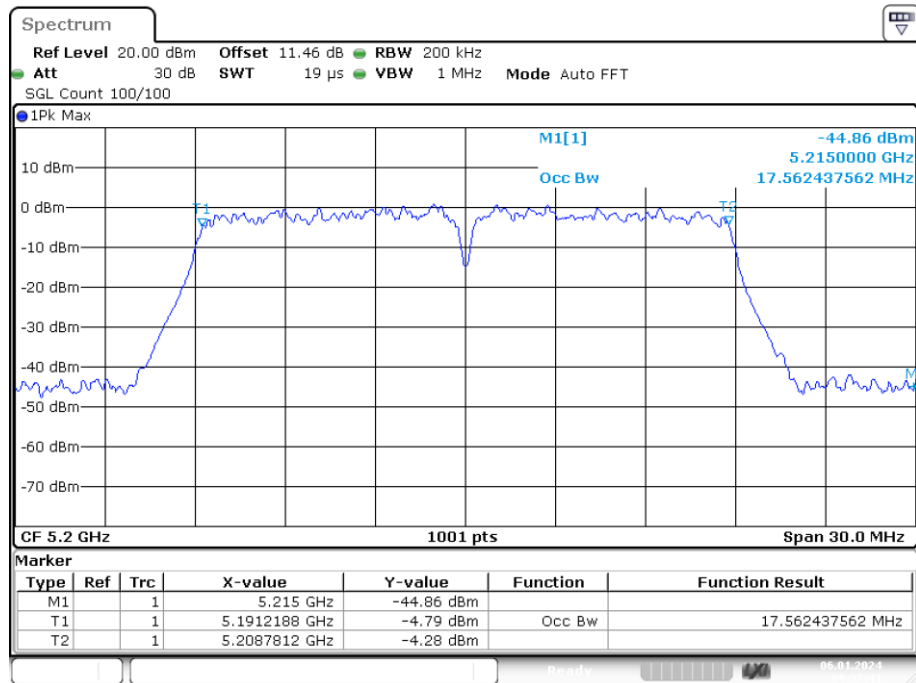
Date: 6.JAN.2024 11:36:43

## OBW NVNT n20 5180MHz Ant1



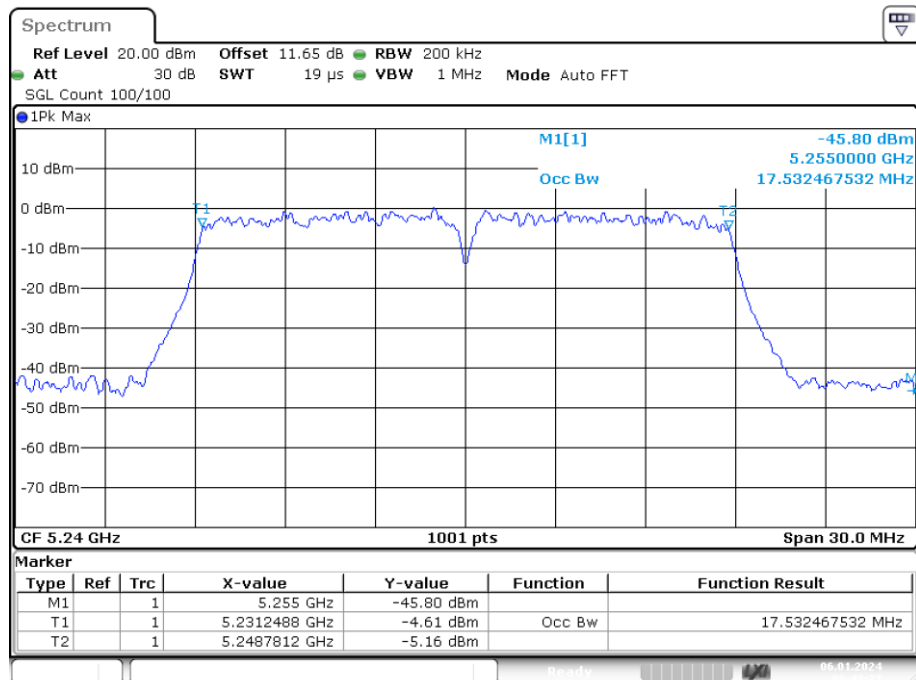
Date: 6.JAN.2024 09:33:24

## OBW NVNT n20 5200MHz Ant1



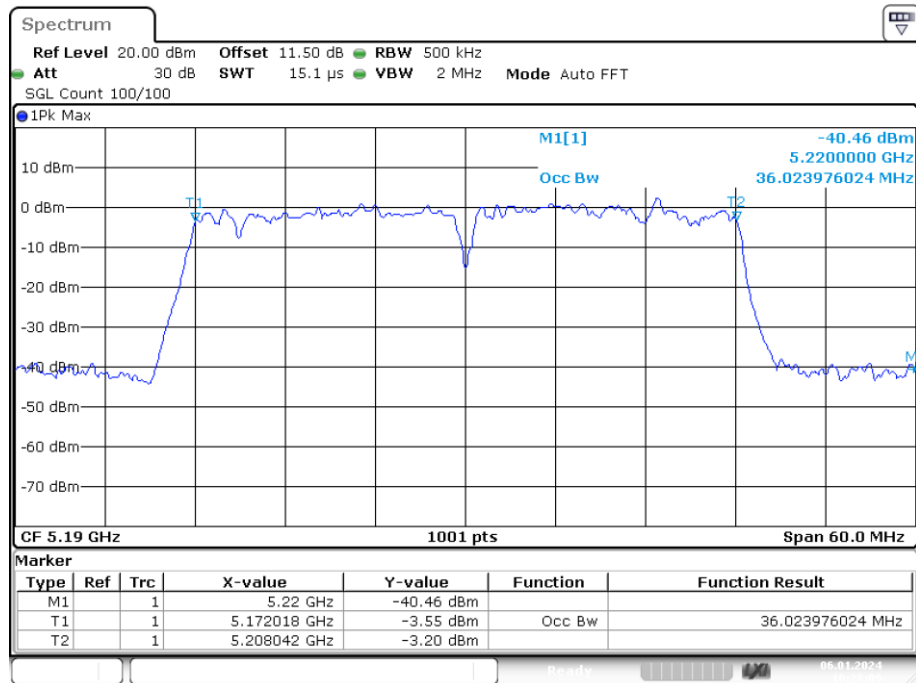
Date: 6.JAN.2024 09:37:41

## OBW NVNT n20 5240MHz Ant1



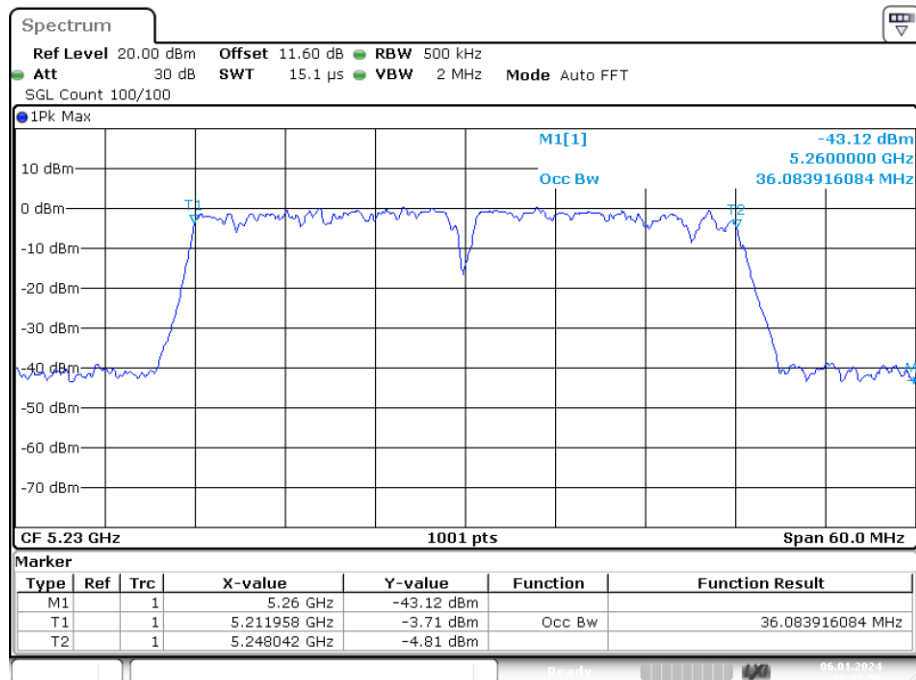
Date: 6.JAN.2024 09:43:27

## OBW NVNT n40 5190MHz Ant1



Date: 6.JAN.2024 10:27:09

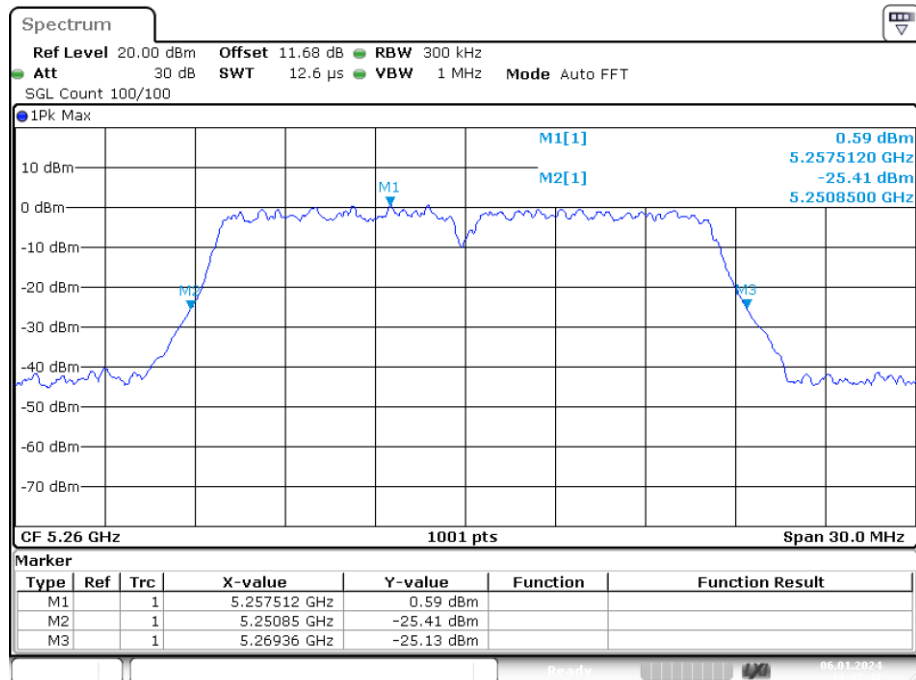
## OBW NVNT n40 5230MHz Ant1



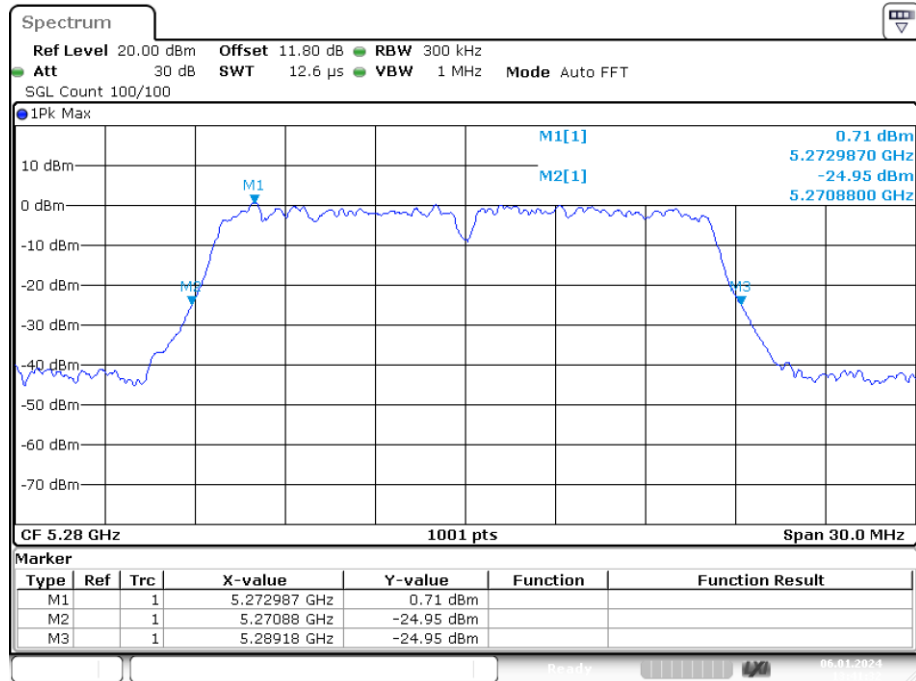
Date: 6.JAN.2024 10:37:58

**Band 2 (5250-5350 MHz):****-26dB Bandwidth**

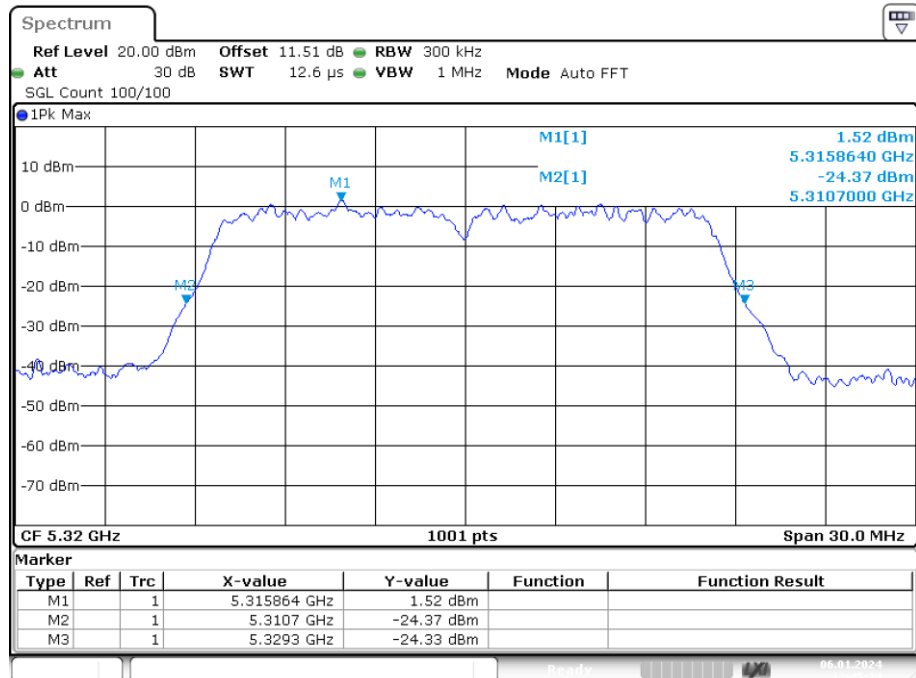
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) |
|-----------|------|-----------------|---------|------------------------|
| NVNT      | a    | 5260            | Ant1    | 18.51                  |
| NVNT      | a    | 5280            | Ant1    | 18.3                   |
| NVNT      | a    | 5320            | Ant1    | 18.6                   |
| NVNT      | ac20 | 5260            | Ant1    | 19.77                  |
| NVNT      | ac20 | 5280            | Ant1    | 19.44                  |
| NVNT      | ac20 | 5320            | Ant1    | 19.56                  |
| NVNT      | ac40 | 5270            | Ant1    | 38.4                   |
| NVNT      | ac40 | 5310            | Ant1    | 38.16                  |
| NVNT      | ac80 | 5290            | Ant1    | 81.48                  |
| NVNT      | ax20 | 5260            | Ant1    | 20.37                  |
| NVNT      | ax20 | 5280            | Ant1    | 20.55                  |
| NVNT      | ax20 | 5320            | Ant1    | 19.77                  |
| NVNT      | ax40 | 5270            | Ant1    | 39.24                  |
| NVNT      | ax40 | 5310            | Ant1    | 39.36                  |
| NVNT      | ax80 | 5290            | Ant1    | 78.96                  |
| NVNT      | n20  | 5260            | Ant1    | 18.96                  |
| NVNT      | n20  | 5280            | Ant1    | 19.14                  |
| NVNT      | n20  | 5320            | Ant1    | 19.14                  |
| NVNT      | n40  | 5270            | Ant1    | 38.58                  |
| NVNT      | n40  | 5310            | Ant1    | 38.1                   |

**-26dB Bandwidth NVNT a 5260MHz Ant1**

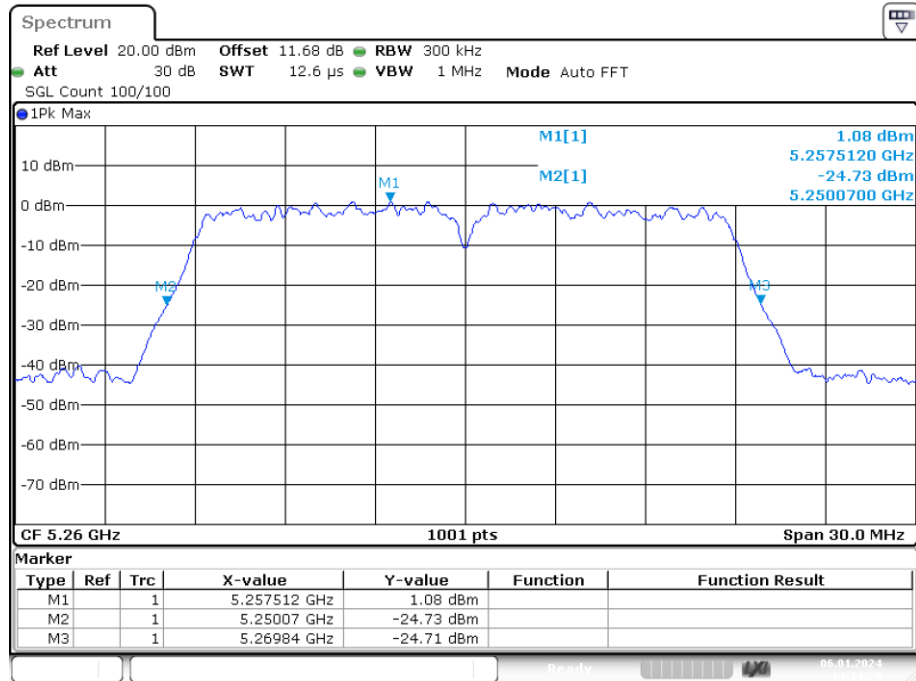
Date: 6.JAN.2024 13:37:47

**-26dB Bandwidth NVNT a 5280MHz Ant1**

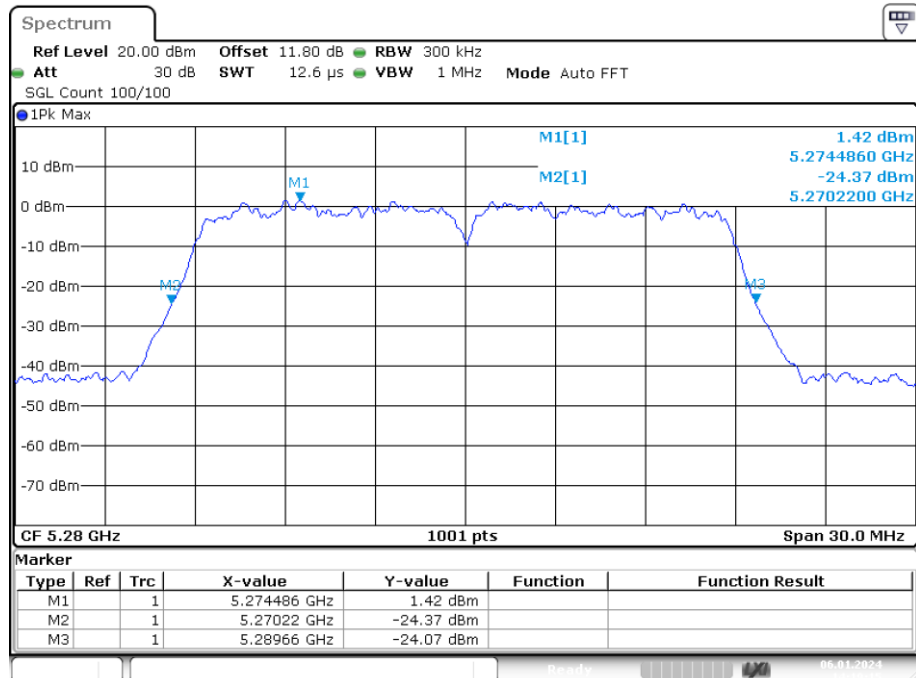
Date: 6.JAN.2024 13:41:32

**-26dB Bandwidth NVNT a 5320MHz Ant1**

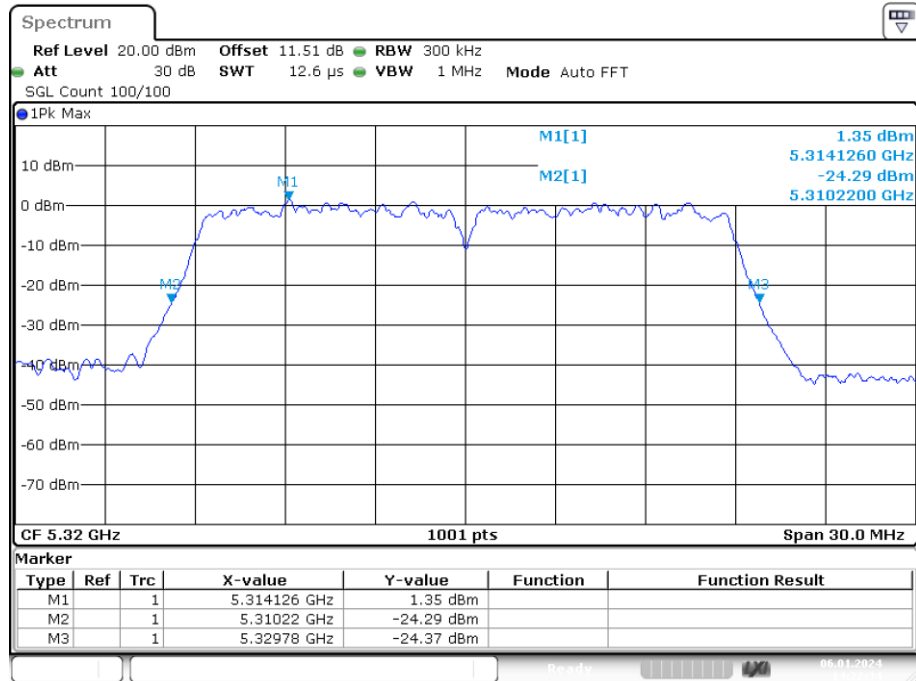
Date: 6.JAN.2024 13:45:33

**-26dB Bandwidth NVNT ac20 5260MHz Ant1**

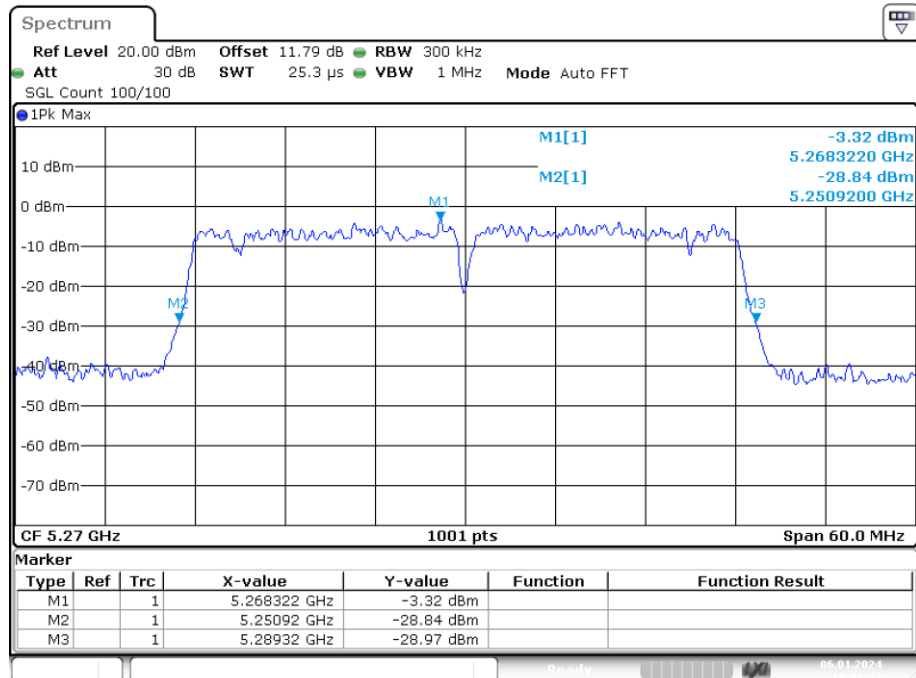
Date: 6.JAN.2024 14:14:20

**-26dB Bandwidth NVNT ac20 5280MHz Ant1**

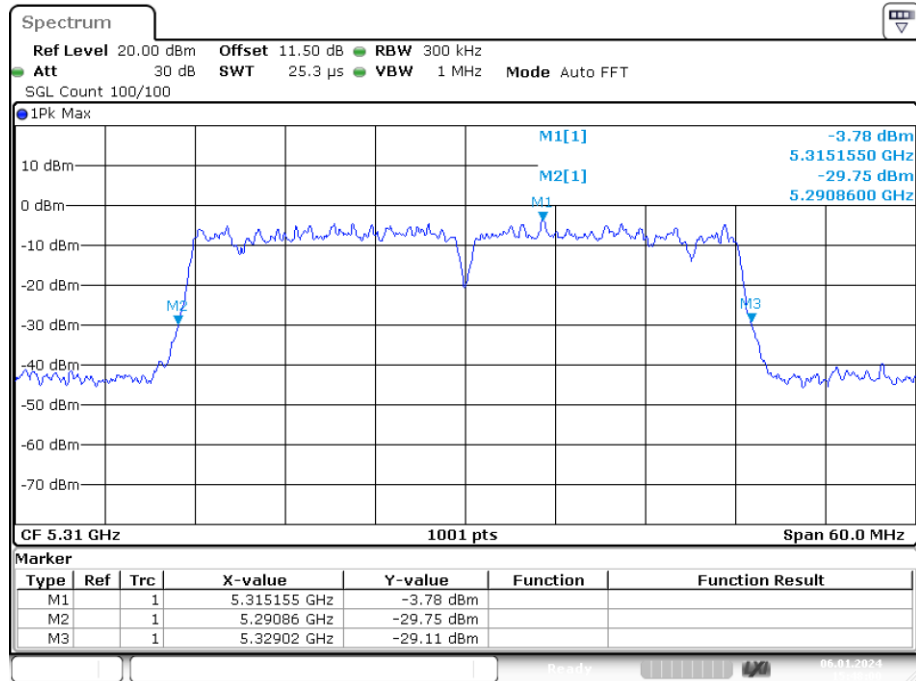
Date: 6.JAN.2024 14:19:15

**-26dB Bandwidth NVNT ac20 5320MHz Ant1**

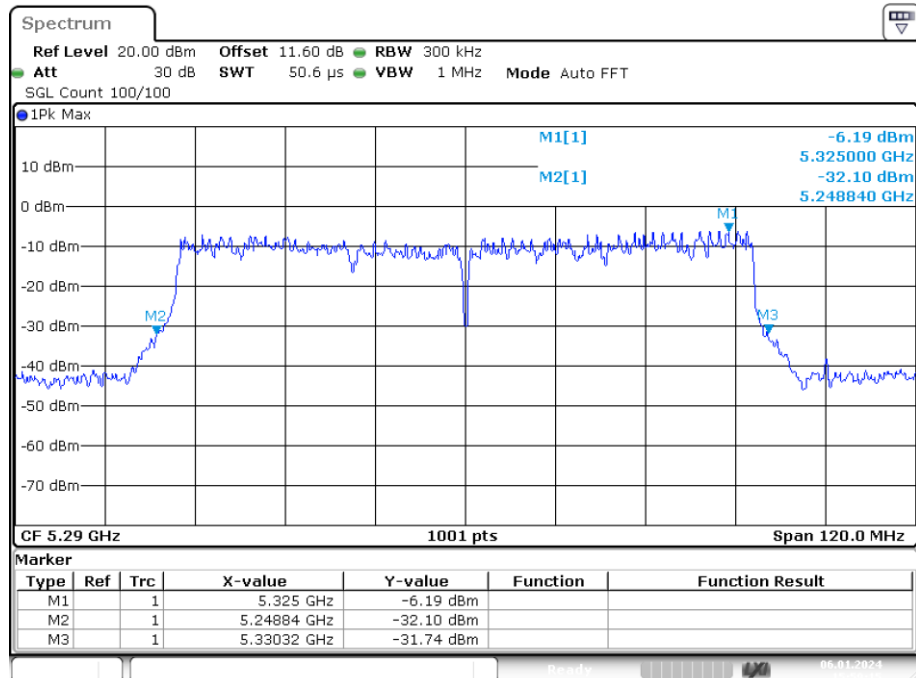
Date: 6.JAN.2024 14:22:35

**-26dB Bandwidth NVNT ac40 5270MHz Ant1**

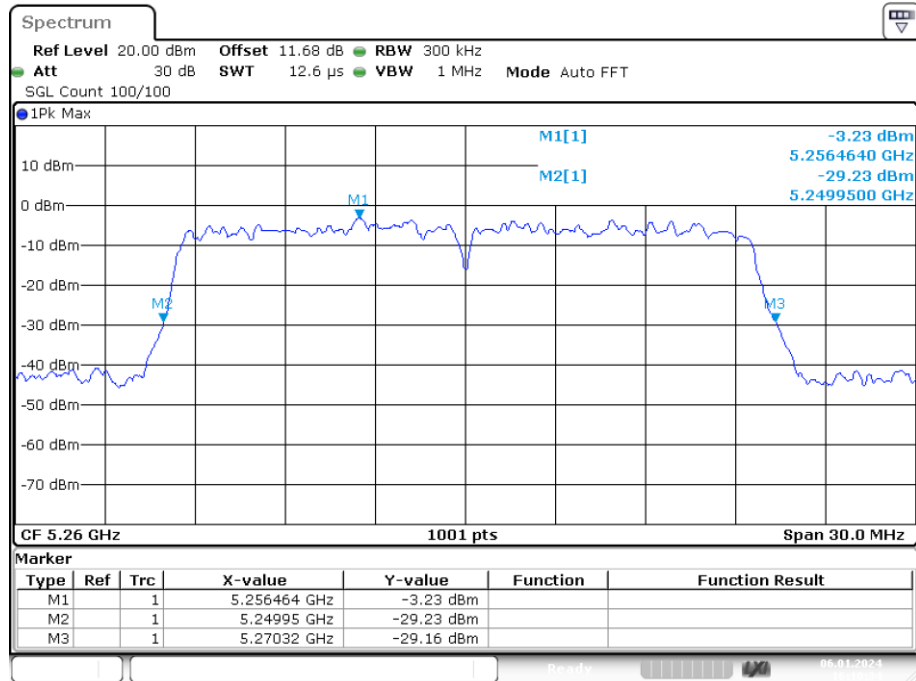
Date: 6.JAN.2024 15:43:52

**-26dB Bandwidth NVNT ac40 5310MHz Ant1**

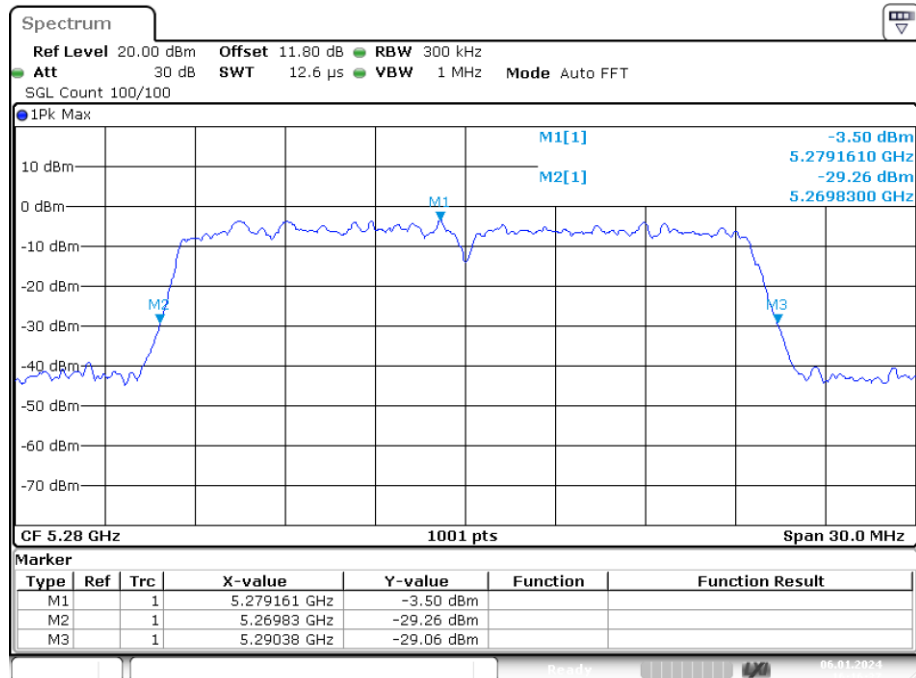
Date: 6.JAN.2024 15:48:00

**-26dB Bandwidth NVNT ac80 5290MHz Ant1**

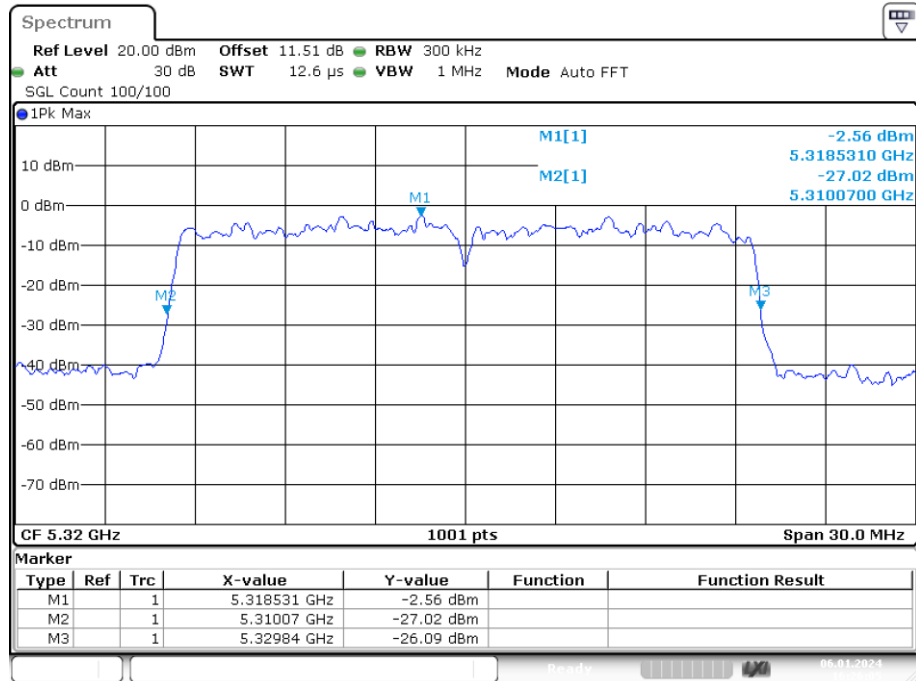
Date: 6.JAN.2024 15:59:16

**-26dB Bandwidth NVNT ax20 5260MHz Ant1**

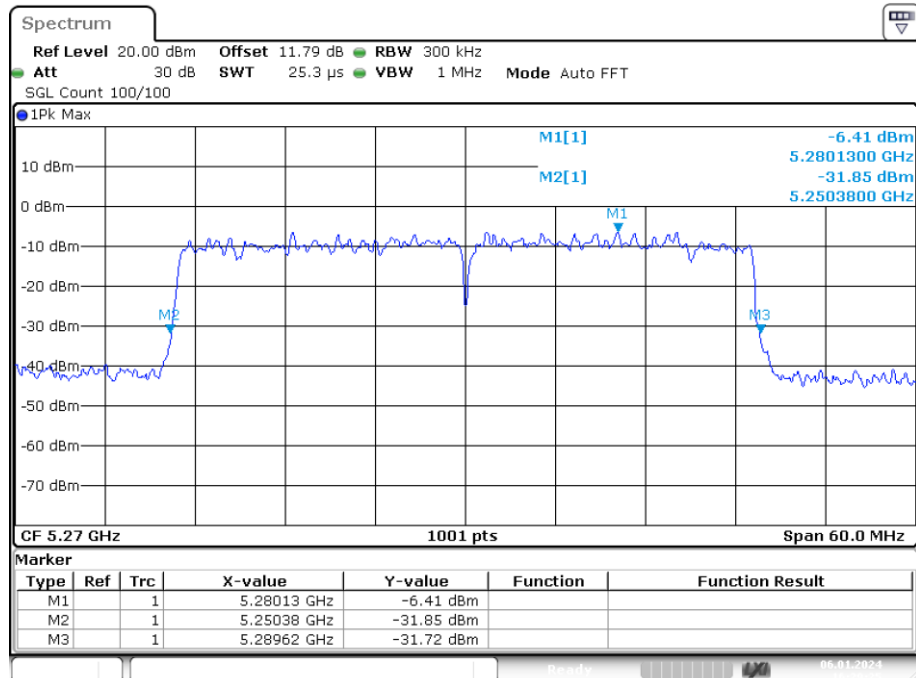
Date: 6.JAN.2024 16:10:35

**-26dB Bandwidth NVNT ax20 5280MHz Ant1**

Date: 6.JAN.2024 16:16:38

**-26dB Bandwidth NVNT ax20 5320MHz Ant1**

Date: 6.JAN.2024 16:26:05

**-26dB Bandwidth NVNT ax40 5270MHz Ant1**

Date: 6.JAN.2024 16:29:25