



## FCC TEST REPORT

FCC ID: 2AZFE-ONO3PRO

On Behalf of

Shenzhen Shadow Crown Technology Co.,Ltd.

LED Projector

Model No.: ONO3Pro, YG381, YG381M, YG391, YG371, YG561,  
YG211, L61Pro

Prepared for : Shenzhen Shadow Crown Technology Co.,Ltd.  
Address : A9 East 5th floor, Industrial Building,Longwang Miao, Fuyong  
street, Baoan district , Shenzhen

Prepared By : Shenzhen Alpha Product Testing Co., Ltd.  
Address : Building i, No.2, Lixin Road, Fuyong Street, Bao'an District,  
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Report Number : A2404121-C01-R04  
Date of Receipt : April 29, 2024  
Date of Test : April 29, 2024 – June 24, 2024  
Date of Report : June 24, 2024  
Version Number : V0  
**Result Pass**

**TABLE OF CONTENTS**

<b>Description</b>	<b>Page</b>
<b>1 TEST SUMMARY .....</b>	<b>5</b>
1.1 MEASUREMENT UNCERTAINTY.....	5
<b>2 GENERAL INFORMATION .....</b>	<b>6</b>
2.1 GENERAL DESCRIPTION OF EUT .....	6
2.2 TEST MODE .....	7
2.3 TEST FACILITY.....	8
2.4 DESCRIPTION OF SUPPORT UNITS .....	8
2.5 DEVIATION FROM STANDARDS.....	8
2.6 ABNORMALITIES FROM STANDARD CONDITIONS.....	8
2.7 OTHER INFORMATION REQUESTED BY THE CUSTOMER .....	8
2.8 ADDITIONAL INSTRUCTIONS .....	8
<b>3 TEST INSTRUMENTS LIST .....</b>	<b>9</b>
<b>4 TEST RESULTS AND MEASUREMENT DATA.....</b>	<b>10</b>
4.1 ANTENNA REQUIREMENT: .....	10
4.2 CONDUCTED EMISSIONS .....	11
4.3 EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH.....	14
4.4 PEAK TRANSMIT POWER .....	76
4.5 POWER SPECTRAL DENSITY.....	109
4.6 BAND EDGE.....	141
4.7 RADIATED EMISSION.....	155
<b>5 TEST SETUP PHOTO .....</b>	<b>166</b>
5.1 PHOTO OF RADIATED EMISSION TEST .....	166
5.2 PHOTO OF CONDUCTED EMISSION TEST .....	167

### TEST REPORT DECLARATION

Applicant : Shenzhen Shadow Crown Technology Co.,Ltd.  
 Address : A9 East 5th floor, Industrial Building,Longwang Miao, Fuyong street, Baoan district , Shenzhen  
 Manufacturer : Shenzhen Shadow Crown Technology Co.,Ltd.  
 Address : A9 East 5th floor, Industrial Building,Longwang Miao, Fuyong street, Baoan district , Shenzhen  
 EUT Description : LED Projector  
 (A) Model No. : ONO3Pro, YG381, YG381M, YG391, YG371, YG561, YG211, L61Pro  
 (B) Trademark : N/A

Measurement Standard Used:

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

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      *Yannis Wen*  
    Project Engineer      -----

Approved by (name + signature).....:      Jack Xu      *Jack Xu*  
    Project Manager      -----

Date of issue.....:      June 24, 2024

**Revision History**

Revision	Issue Date	Revisions	Revised By
V0	June 24, 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	PASS
AC Power Line Conducted Emission	Section 15.207 Section 7.2.4	PASS
Peak Transmit Power	Section 15.407(a)	PASS
Power Spectral Density	Section 15.407(a)	PASS
Undesirable Emission	Section 15.407(b)	PASS
26dB/6dB&99% Bandwidth	Section 15.407	PASS
Radiated Emission	Section 15.407(b)&15.209 Section 5.5	PASS
Band Edge	15.205, ANSI C63.10	PASS
Frequency Stability	15.407(f)	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 (below 30MHz)	3.5dB
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	3.74dB(Polarize: V)
	3.76dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (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 : LED Projector  
 Model No. : ONO3Pro, YG381, YG381M, YG391, YG371, YG561, YG211, L61Pro  
 DIFF. : There is no difference between the models except the appearance color. So all the test were performed on the model ONO3Pro.  
 Power supply : AC 120V/60Hz

Radio Technology : 5G WIFI

Operation Frequency : 802.11a/n(HT20)/ac(VHT20): 5180~5240MHz; 5745~5825MHz  
 802.11n(HT40)/ac(VHT40): 5190~5230MHz; 5755~5795MHz  
 802.11ac(VHT80): 5210MHz, 5775MHz

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

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)

Antenna Type : Internal Antenna 1, max gain 5.83dBi,  
 Internal Antenna 2, max gain 5.83dBi,  
 The antenna MIMO combining gain is 8.84dBi.  
 (Antenna information is provided by applicant.)

Software version : V1.0

Hardware version : V1.0

Intend use environment : Residential, commercial and light industrial environment

1. The worst-case simultaneous transmission configuration was evaluated with no non-compliance found. Results in this report are only for 5G Wi-Fi function, and there is no other transmitter involved.

## 2.2 Test mode

Transmitting mode      Keep the EUT in transmitting with modulation.  
    EUT was test with 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.

### U-NII-1:

Tested mode, channel, and data rate information			
Mode	Data rate(Mbps) see Note	Channel	Frequency (MHz)
IEEE 802.11a	6	CH36	5180
	6	CH44	5200
	6	CH48	5240
IEEE 802.11ac VHT20	6.5	CH36	5180
	6.5	CH44	5200
	6.5	CH48	5240
IEEE 802.11ac VHT40	13.5	CH38	5190
	13.5	CH46	5230
IEEE 802.11ac VHT80	433.3	CH42	5210
IEEE 802.11n HT20	6.5	CH36	5180
	6.5	CH44	5200
	6.5	CH48	5240
IEEE 802.11n HT40	13.5	CH38	5190
	13.5	CH46	5230

Note: According exploratory test and product specification EUT will have maximum output power in those data rate, so those data rate were used for all test.

### U-NII-3:

Keeping TX mode			
Mode	data rate (Mbps) (see Note)	Channel	Frequency (MHz)
IEEE 802.11a	6	CH149	5745
	6	CH157	5785
	6	CH165	5825
IEEE 802.11ac VHT20	6.5	CH149	5745
	6.5	CH157	5785
	6.5	CH165	5825
IEEE 802.11 n/HT20	6.5	CH149	5745
	6.5	CH157	5785
	6.5	CH165	5825
IEEE 802.11ac VHT40	13.5	CH151	5755
	13.5	CH159	5795
IEEE 802.11 n/HT40	13.5	CH151	5755
	13.5	CH159	5795
IEEE 802.11ac VHT80	433.3	CH155	5775

Note: According exploratory test, EUT will have maximum output power in those data rate. so those data rate were used for all test.

## 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 : Remote control  
Manufacturer : Shenzhen Shadow Crown Technology Co.,Ltd.  
Model : /  
INPUT : /  
OUTPUT : /

## 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

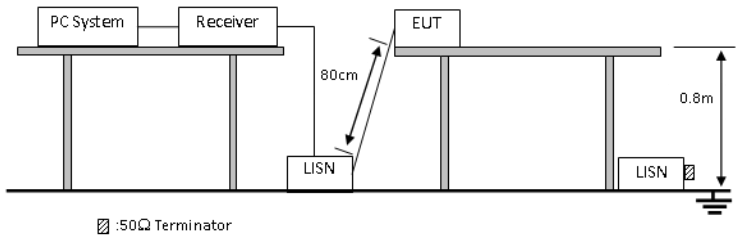
Test Item	Software Name	Manufacturer	Version
RE	EZ-EMC	EZ	Alpha-3A1
CE	EZ-EMC	EZ	Alpha-3A1
RF-CE	MTS 8310	MW	V2.0.0.0

## 4 Test results and Measurement Data

### 4.1 Antenna requirement:

<b>Standard requirement:</b>	FCC Part15 C Section 15.203
15.203 requirement: 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.	
<b>E.U.T Antenna:</b>	
The antenna is Internal antenna. The best case gain of the antenna is 5.83dBi, for 5180~5240MHz; 5745~5825MHz.	

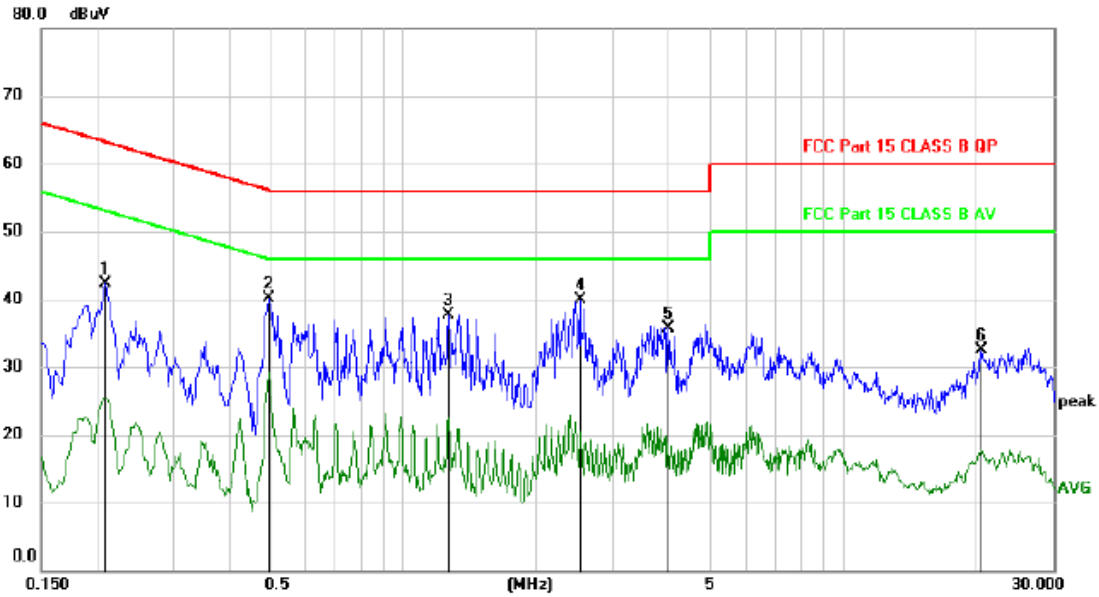
## 4.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.20		
Test Method:	ANSI C63.10:2013		
Test Frequency Range:	150KHz to 30MHz		
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	<p>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.</p>		
Test setup:	 <p style="text-align: center;">☐ :50Ω Terminator</p>		
Test Instruments:	Refer to section 3 for details		
Test mode:	Refer to section 2.2 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:



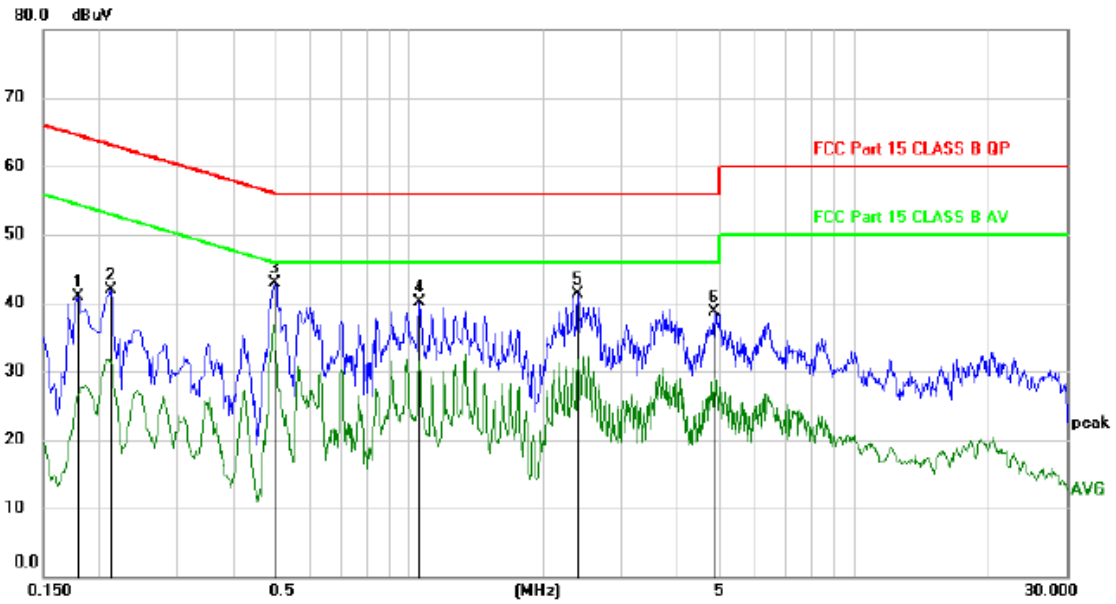
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2100	32.41	9.93	42.34	63.21	-20.87	peak	
2	*	0.4920	30.22	9.96	40.18	56.13	-15.95	peak	
3		1.2660	27.82	9.89	37.71	56.00	-18.29	peak	
4		2.5260	30.04	9.91	39.95	56.00	-16.05	peak	
5		3.9960	25.71	9.97	35.68	56.00	-20.32	peak	
6		20.6100	22.03	10.47	32.50	60.00	-27.50	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:**

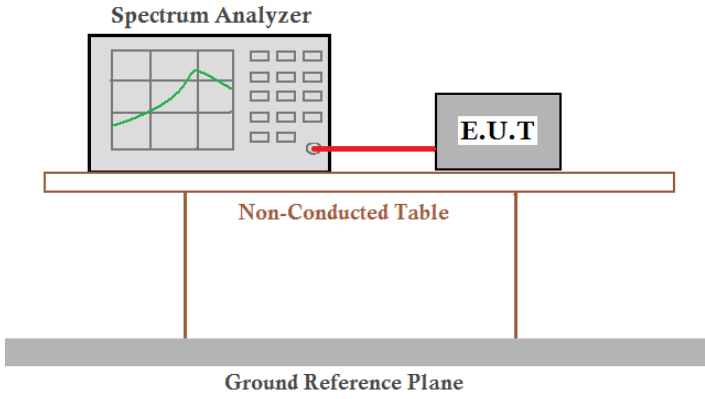


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1800	30.90	9.93	40.83	64.49	-23.66	peak	
2		0.2130	31.93	9.93	41.86	63.09	-21.23	peak	
3	*	0.4980	32.94	9.96	42.90	56.03	-13.13	peak	
4		1.0530	30.14	9.91	40.05	56.00	-15.95	peak	
5		2.3909	31.33	9.90	41.23	56.00	-14.77	peak	
6		4.8390	28.67	10.02	38.69	56.00	-17.31	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 of two antennas have been tested, and only shown the worst case mode in this report. (a 5180MHz for antenna 1)

### 4.3 Emission Bandwidth and 99% Occupied Bandwidth

Test Requirement:	FCC Part15 E Section 15.407
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 are placed on a Non-Conducted Table, which 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 3 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

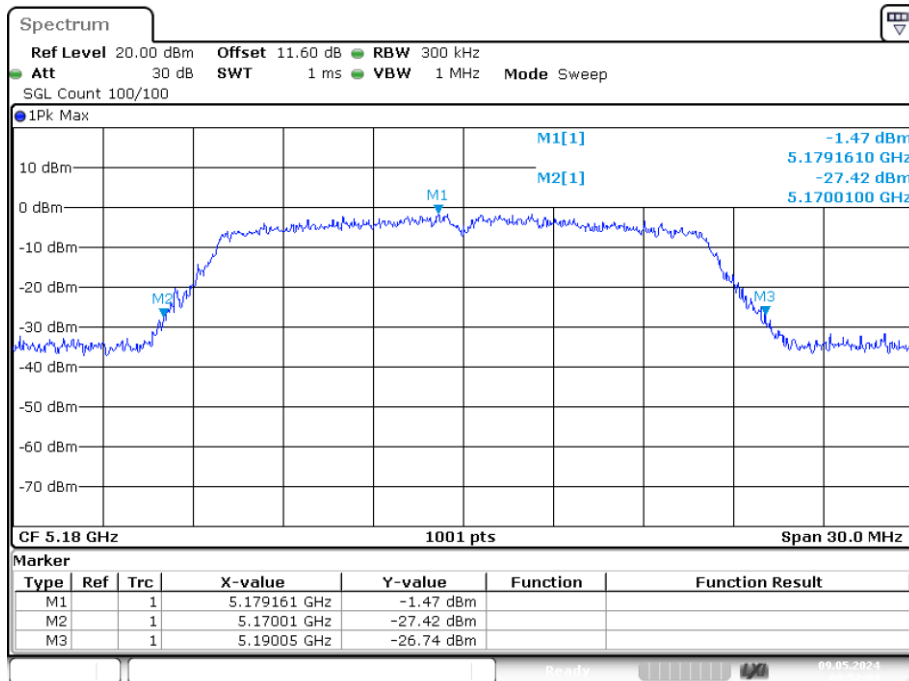
Measurement Data:

Band 1 (5150-5250 MHz):

-26dB Bandwidth

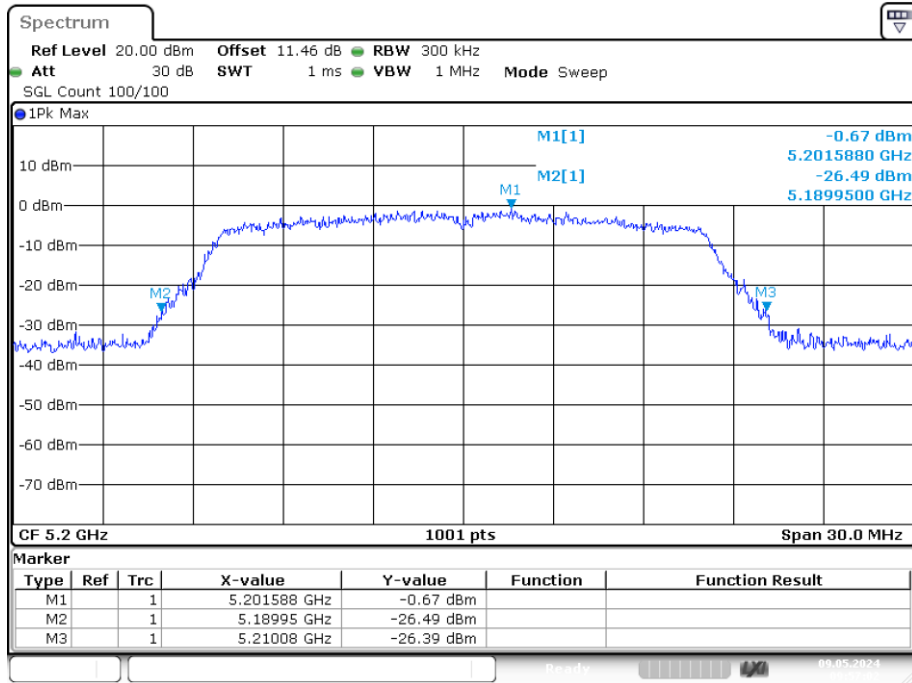
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.04	Pass
NVNT	a	5200	Ant1	20.13	Pass
NVNT	a	5240	Ant1	20.01	Pass
NVNT	ac20	5180	Ant1	20.52	Pass
NVNT	ac20	5200	Ant1	20.4	Pass
NVNT	ac20	5240	Ant1	20.43	Pass
NVNT	ac40	5190	Ant1	40.44	Pass
NVNT	ac40	5230	Ant1	40.44	Pass
NVNT	ac80	5210	Ant1	80.16	Pass
NVNT	n20	5180	Ant1	20.52	Pass
NVNT	n20	5200	Ant1	20.43	Pass
NVNT	n20	5240	Ant1	20.25	Pass
NVNT	n40	5190	Ant1	40.38	Pass
NVNT	n40	5230	Ant1	40.5	Pass

-26dB Bandwidth NVNT a 5180MHz Ant1

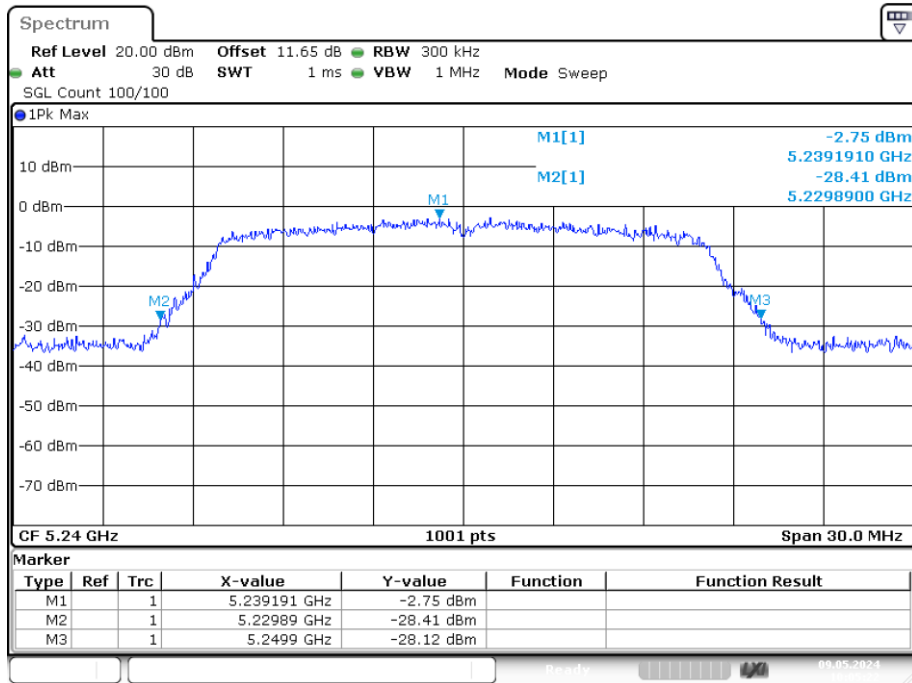


Date: 9.MAY.2024 09:52:04

-26dB Bandwidth NVNT a 5200MHz Ant1

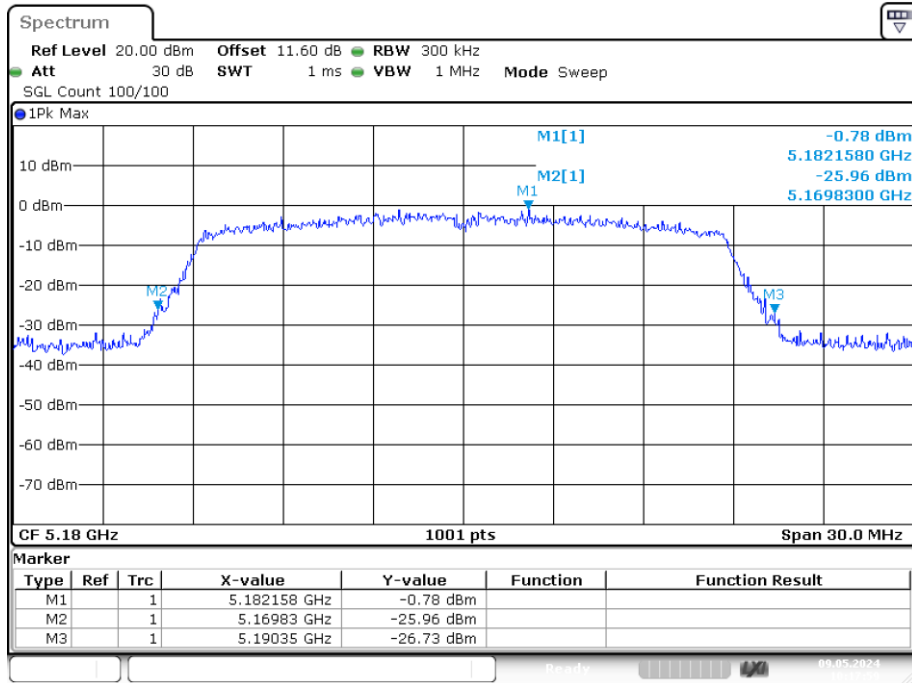


-26dB Bandwidth NVNT a 5240MHz Ant1

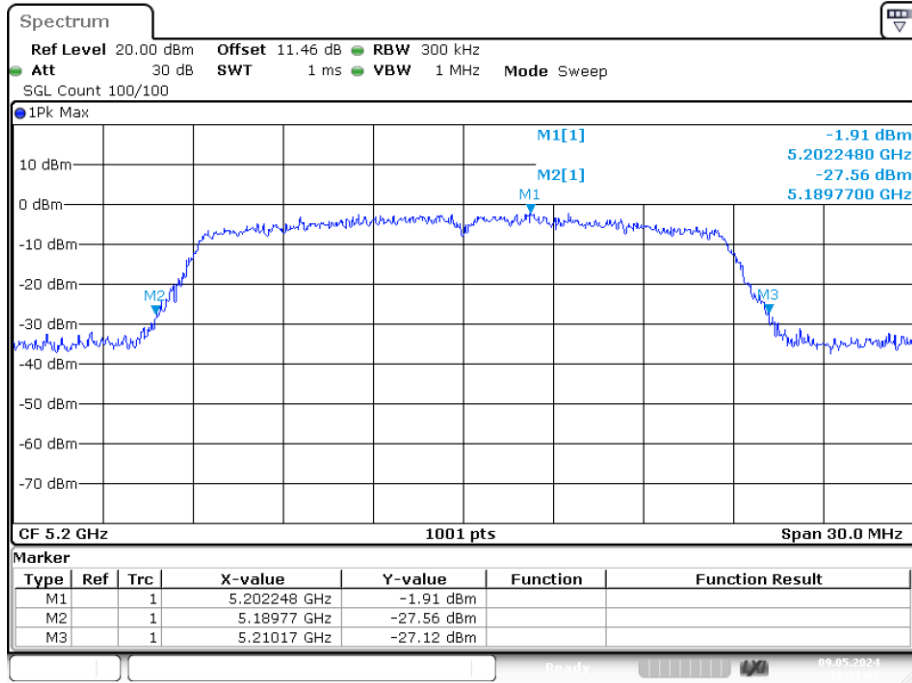




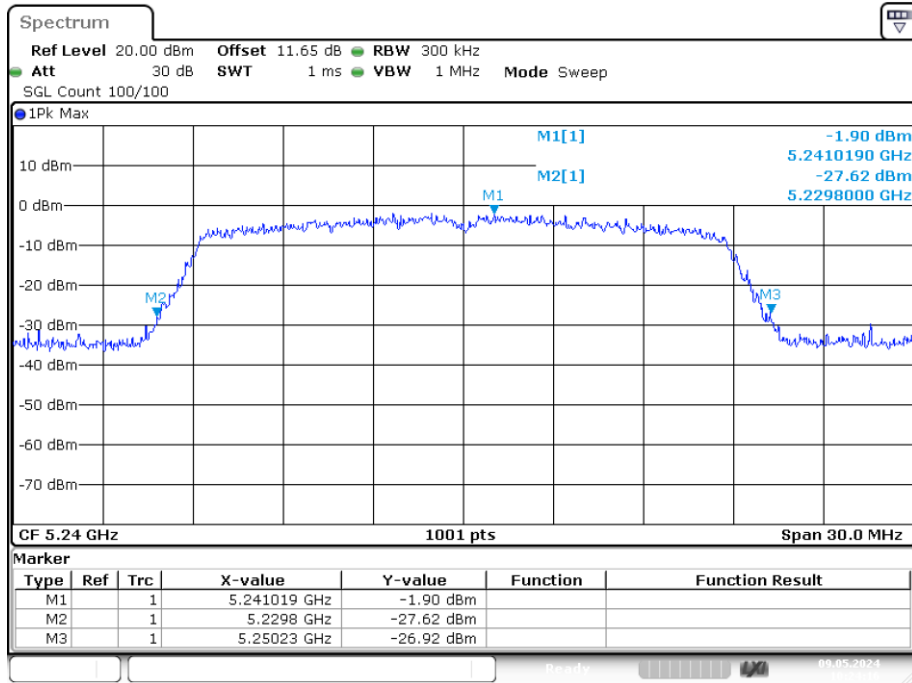
-26dB Bandwidth NVNT ac20 5180MHz Ant1



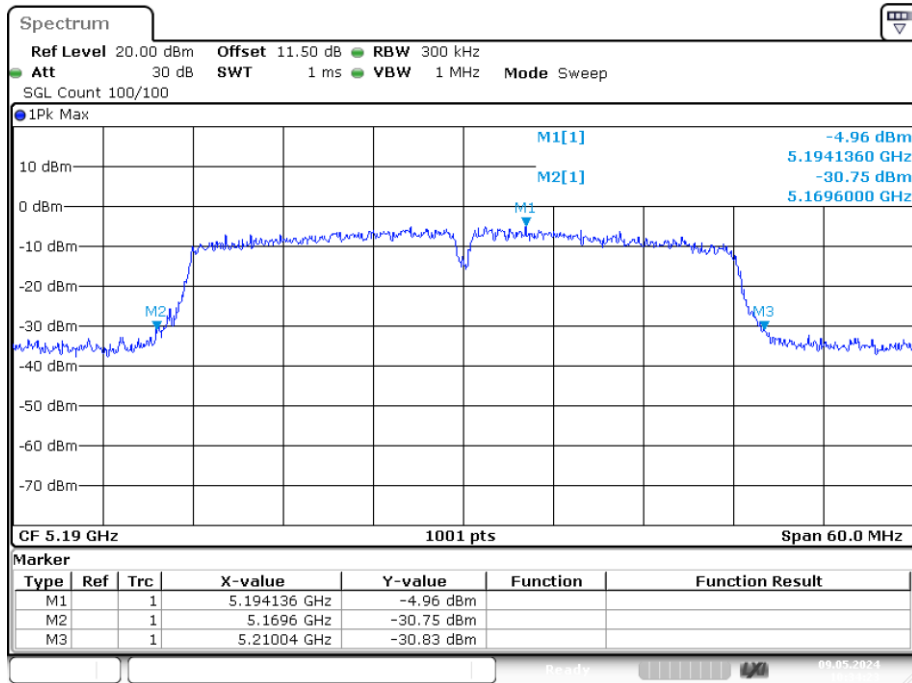
-26dB Bandwidth NVNT ac20 5200MHz Ant1



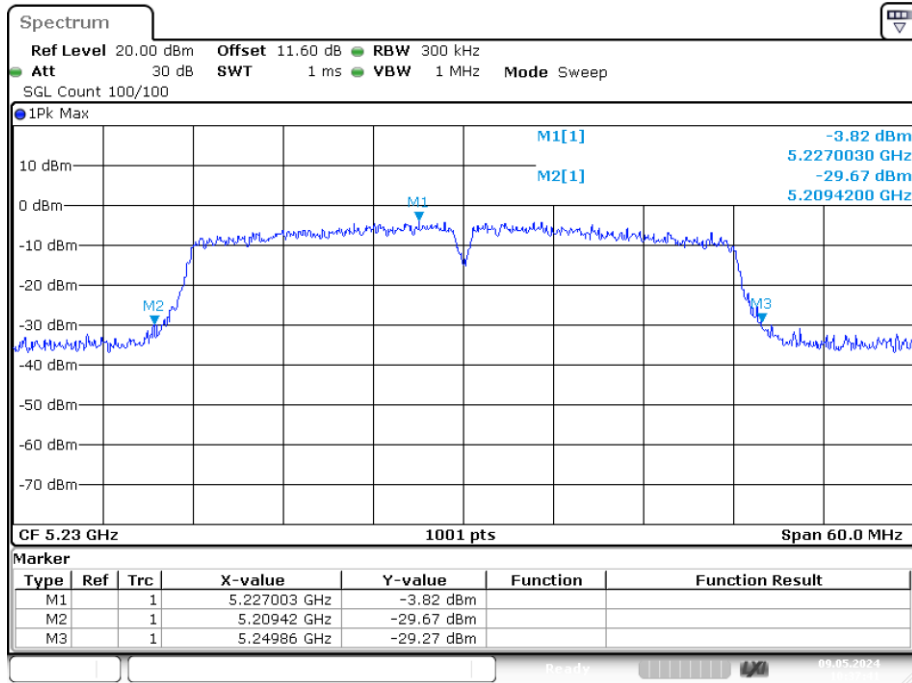
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1

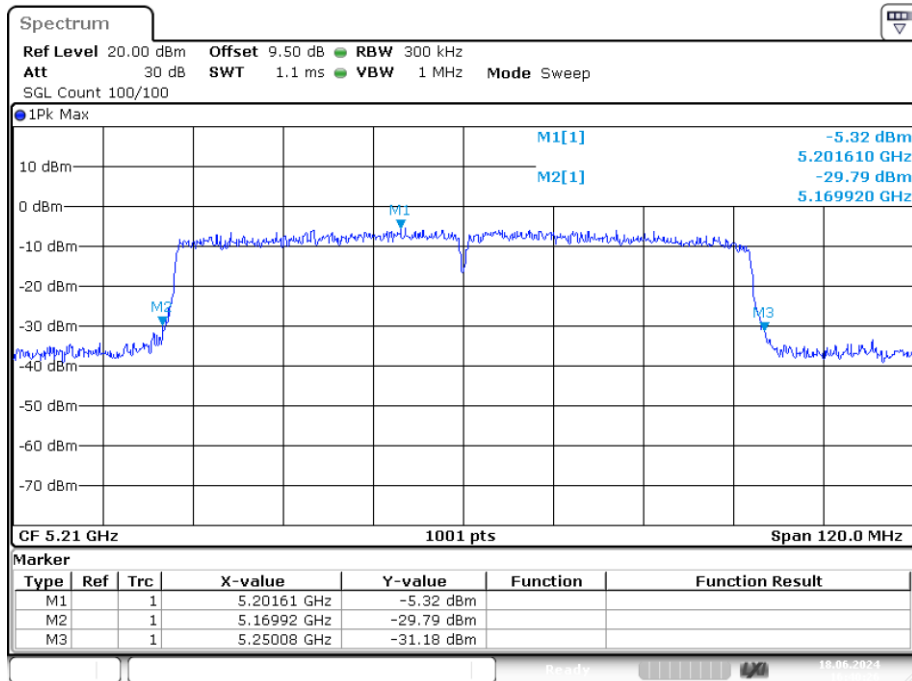


-26dB Bandwidth NVNT ac40 5230MHz Ant1



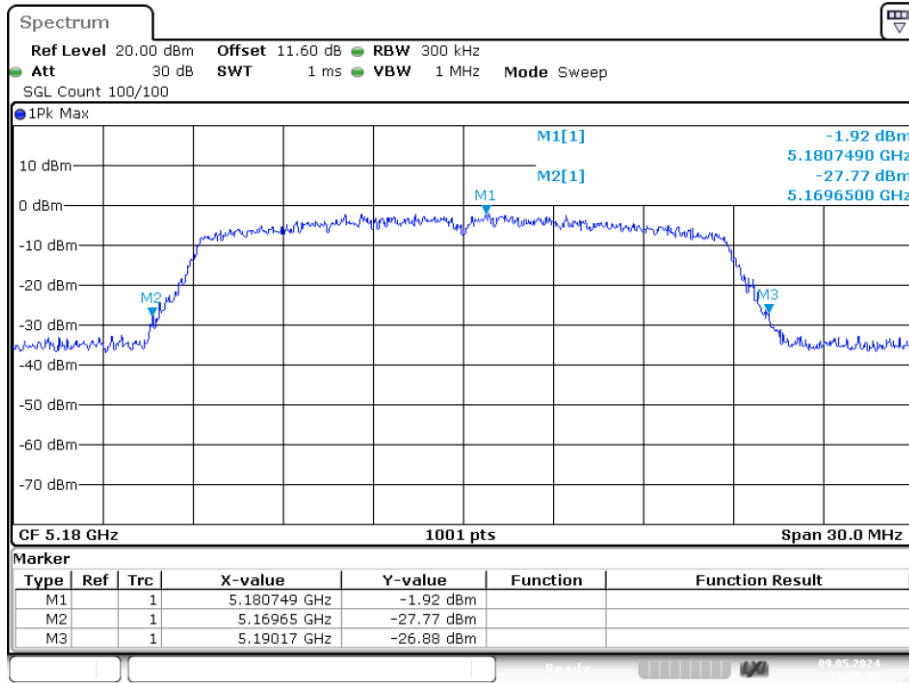
Date: 9.MAY.2024 10:37:41

-26dB Bandwidth NVNT ac80 5210MHz Ant1

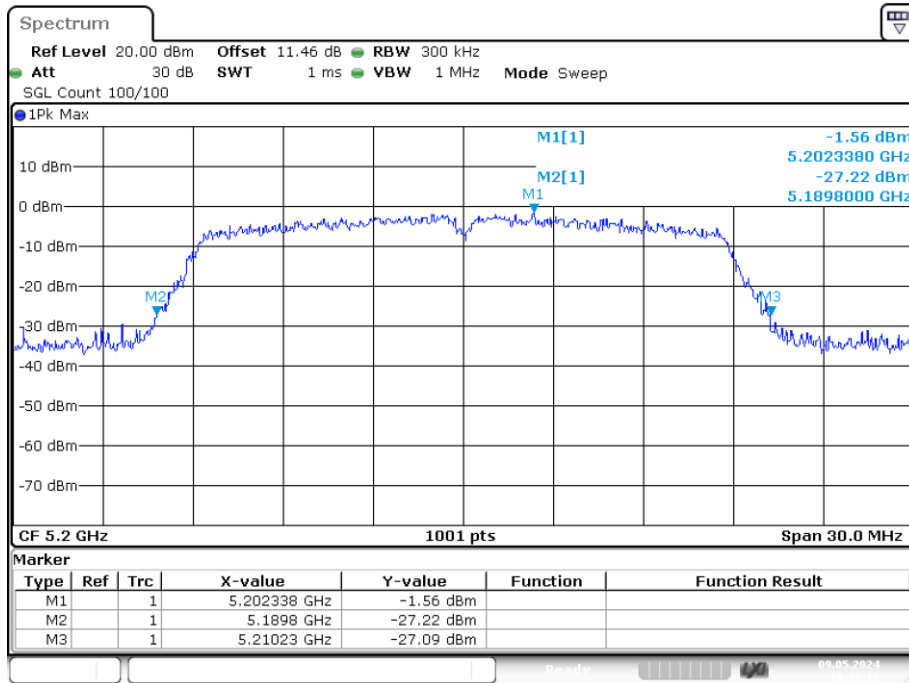


Date: 18.JUN.2024 16:40:26

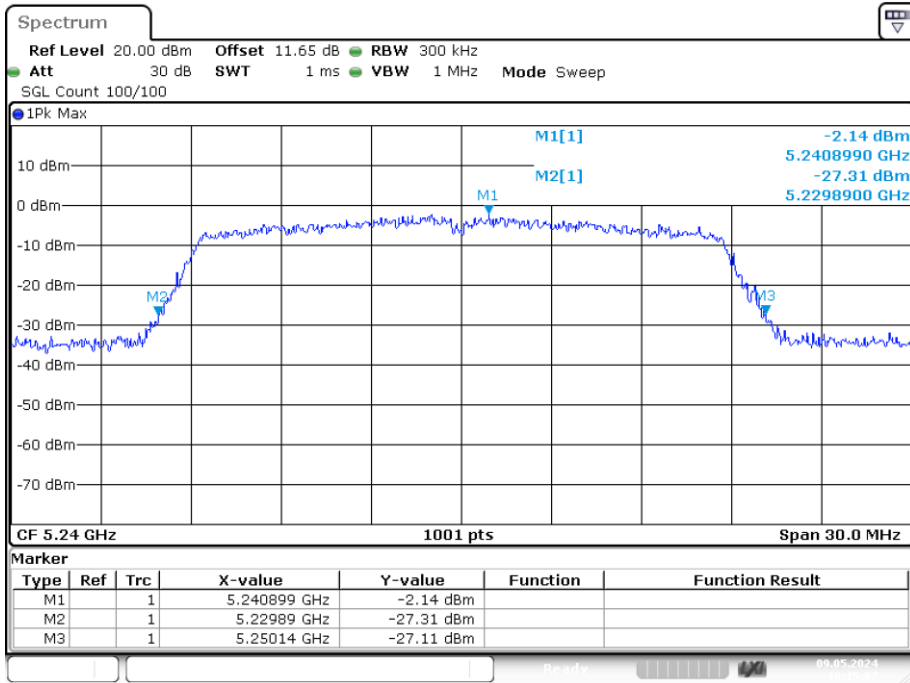
-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1

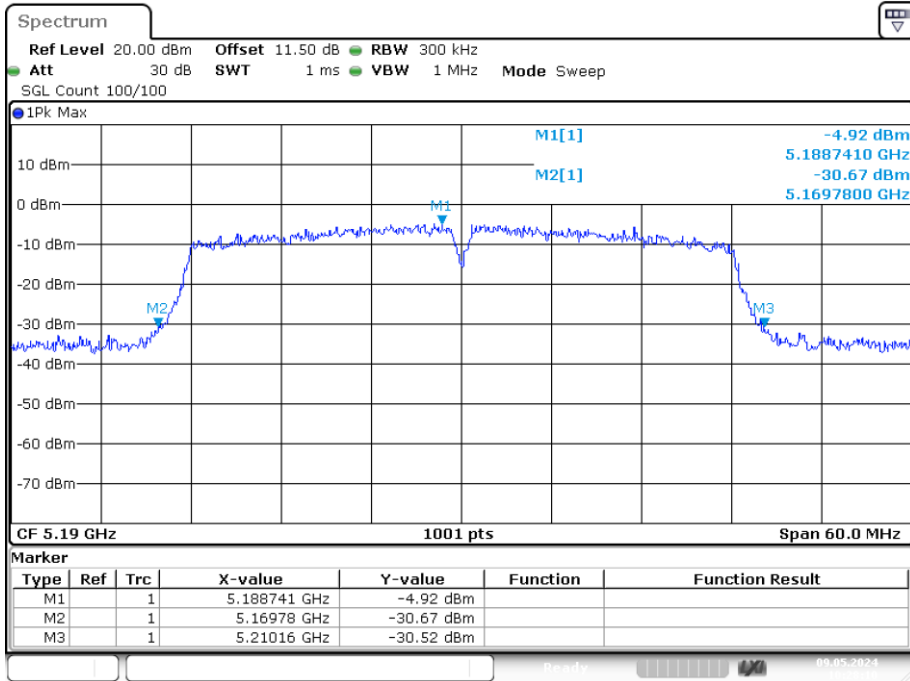


-26dB Bandwidth NVNT n20 5240MHz Ant1



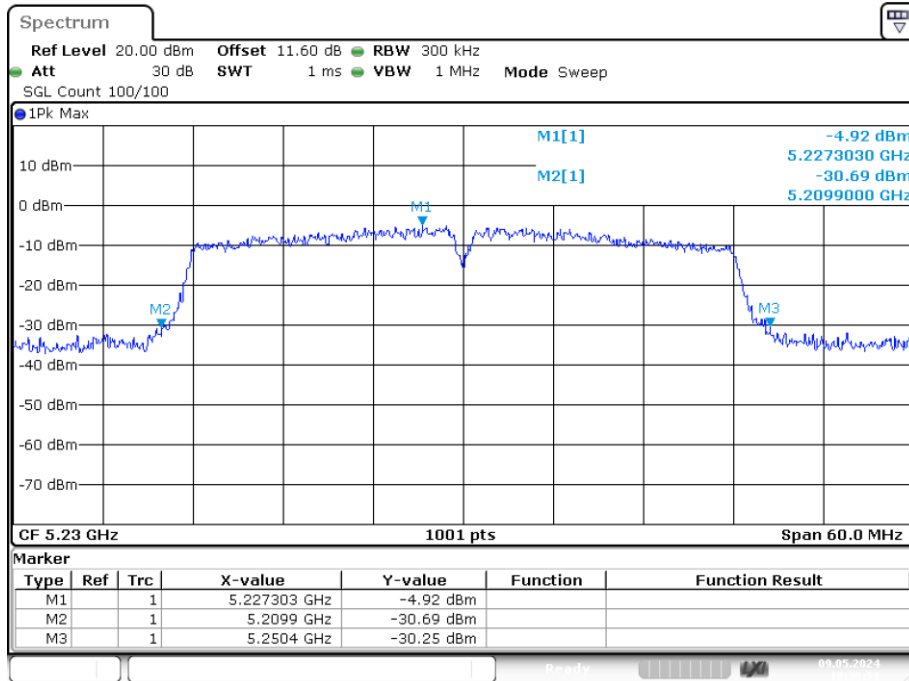
Date: 9.MAY.2024 10:15:06

-26dB Bandwidth NVNT n40 5190MHz Ant1



Date: 9.MAY.2024 10:28:09

-26dB Bandwidth NVNT n40 5230MHz Ant1

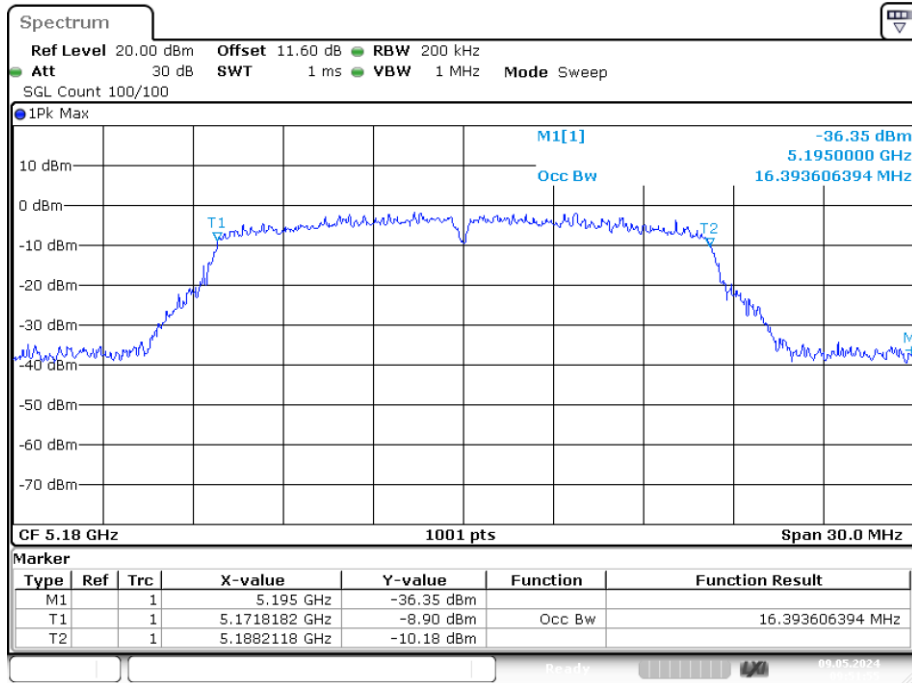


Date: 9.MAY.2024 10:30:51

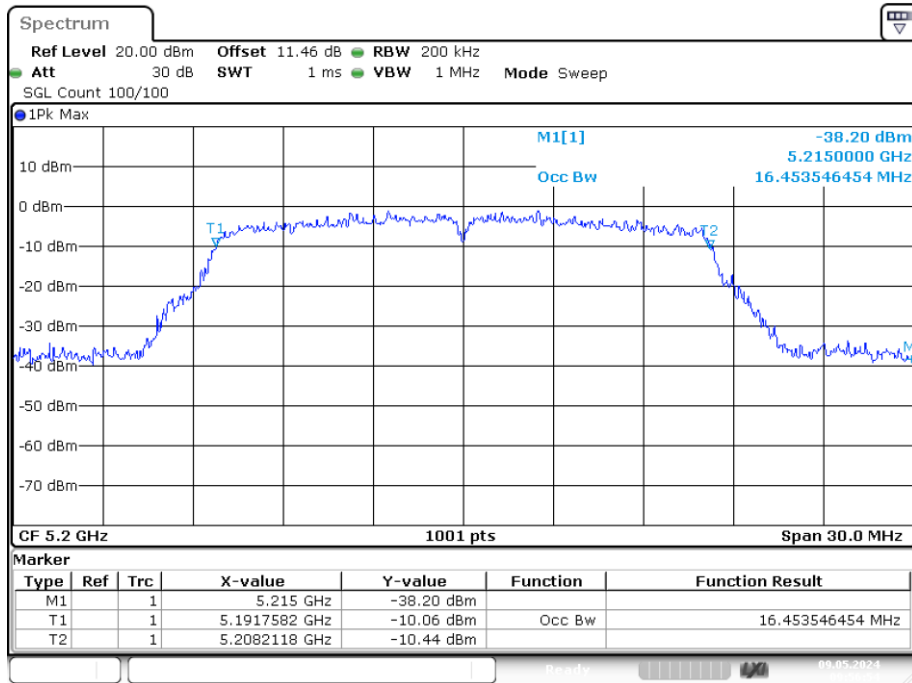
**Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.394
NVNT	a	5200	Ant1	16.454
NVNT	a	5240	Ant1	16.424
NVNT	ac20	5180	Ant1	17.562
NVNT	ac20	5200	Ant1	17.562
NVNT	ac20	5240	Ant1	17.562
NVNT	ac40	5190	Ant1	36.084
NVNT	ac40	5230	Ant1	36.084
NVNT	ac80	5210	Ant1	75.524
NVNT	n20	5180	Ant1	17.532
NVNT	n20	5200	Ant1	17.592
NVNT	n20	5240	Ant1	17.592
NVNT	n40	5190	Ant1	36.024
NVNT	n40	5230	Ant1	36.084

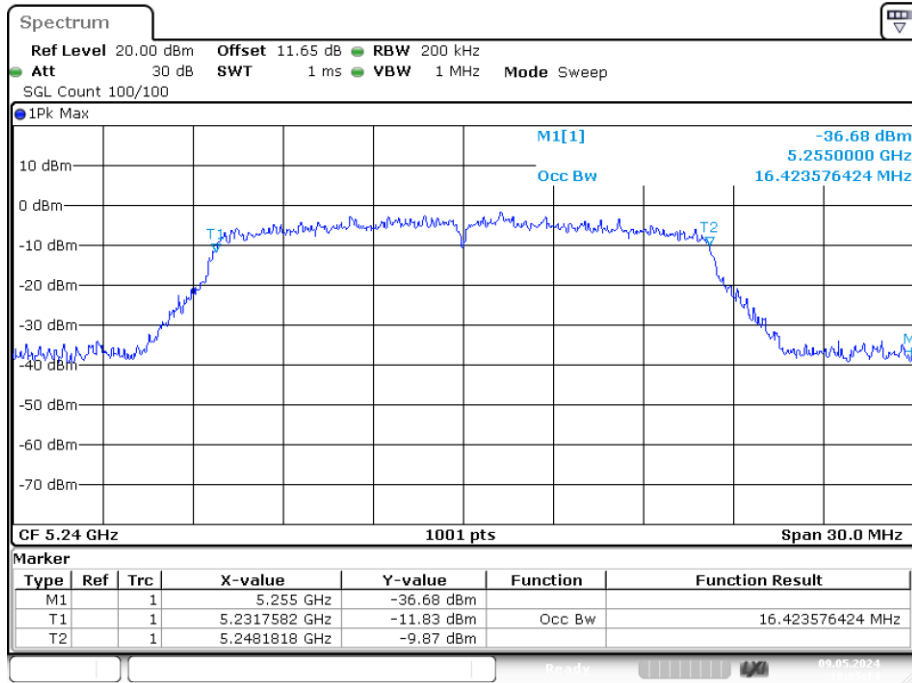
OBW NVNT a 5180MHz Ant1



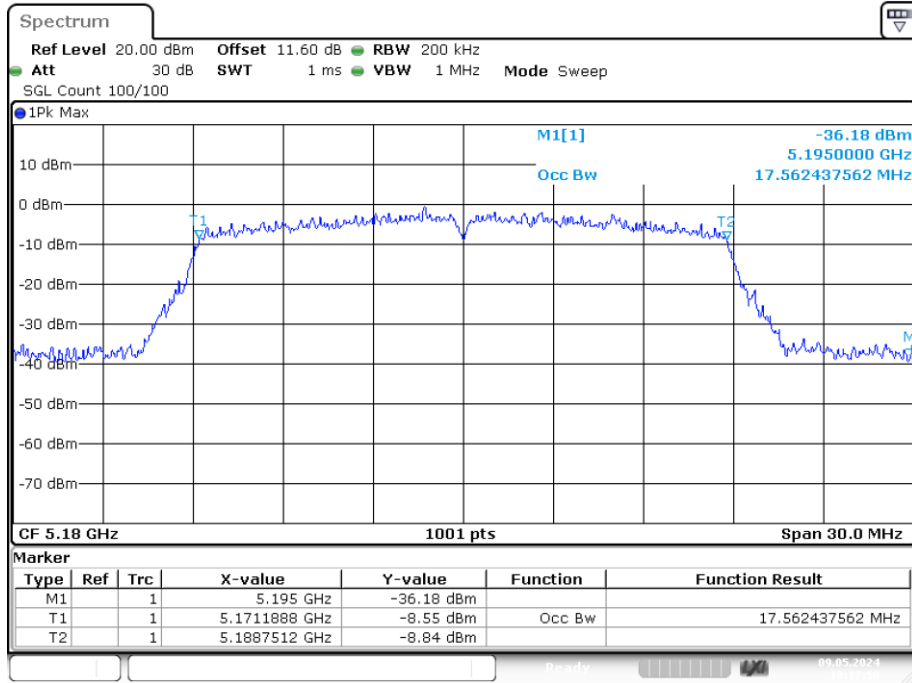
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1

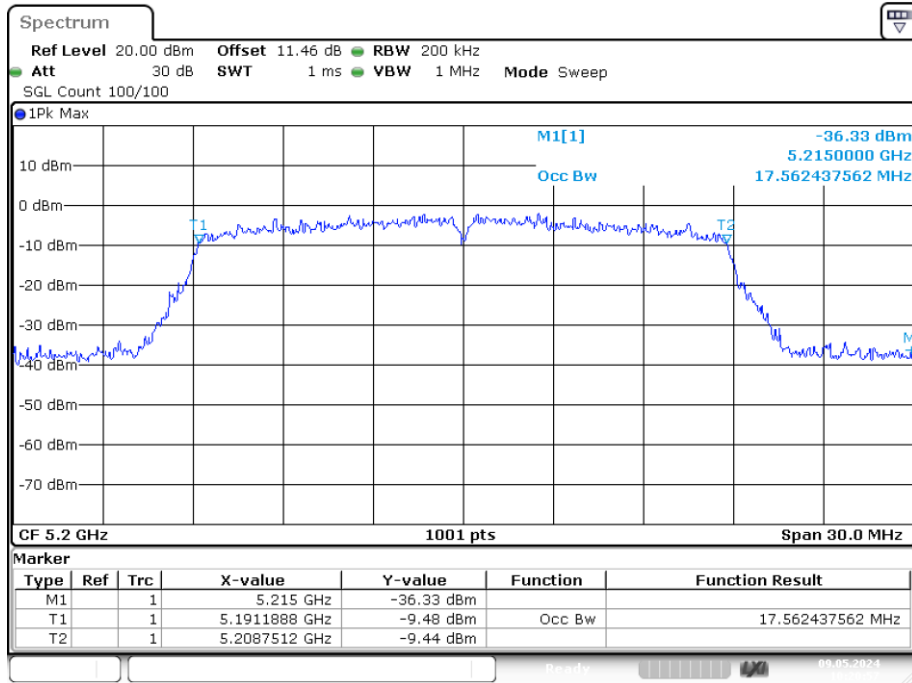


OBW NVNT ac20 5180MHz Ant1

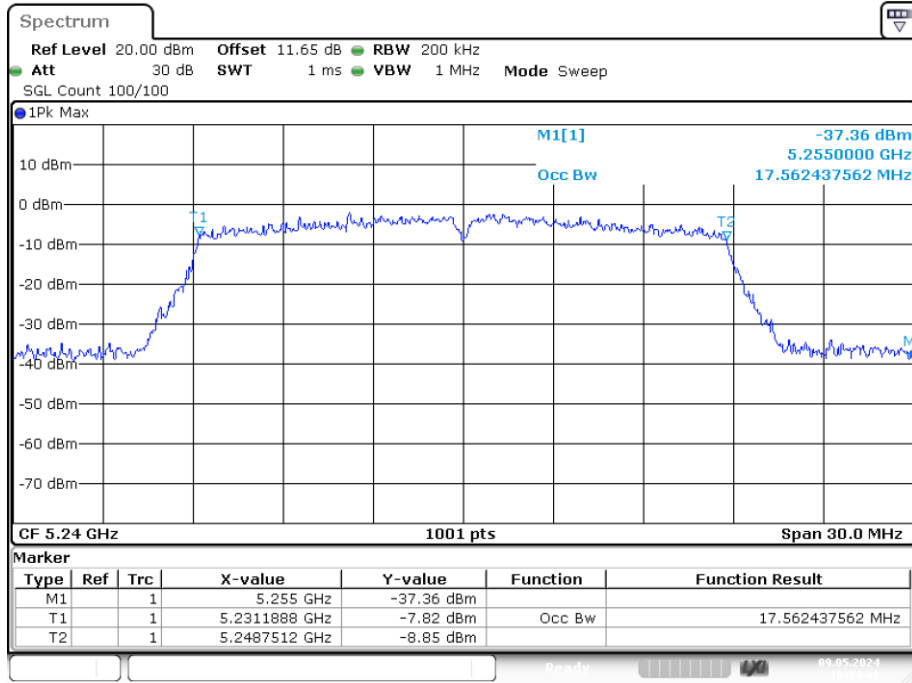




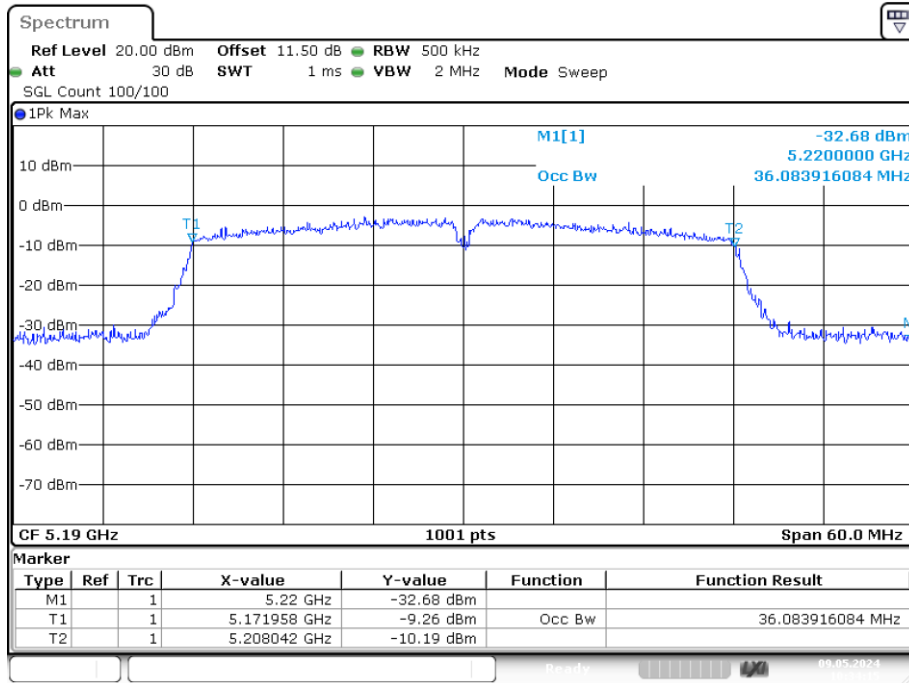
OBW NVNT ac20 5200MHz Ant1



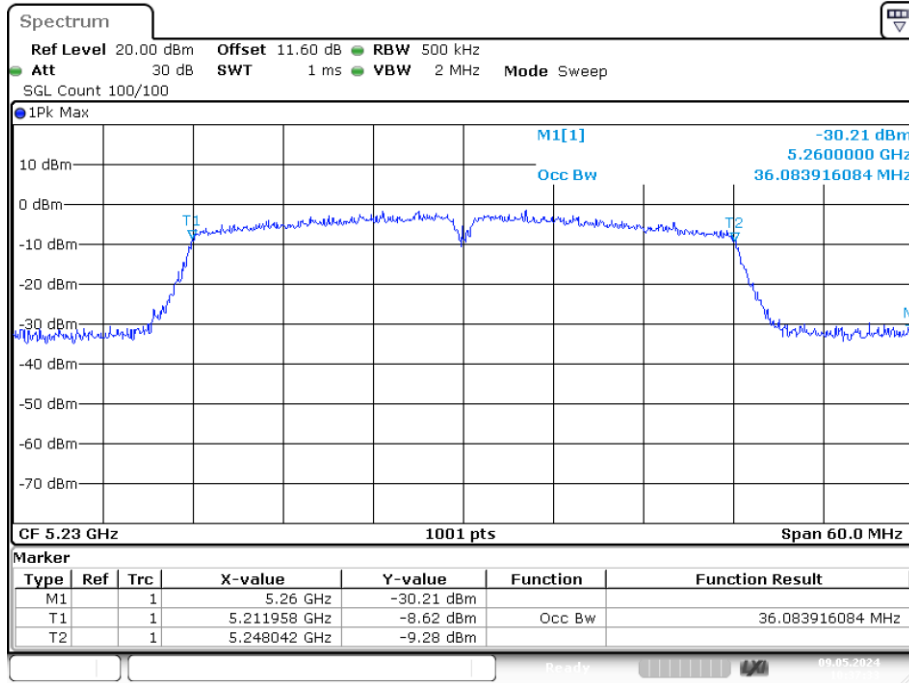
OBW NVNT ac20 5240MHz Ant1



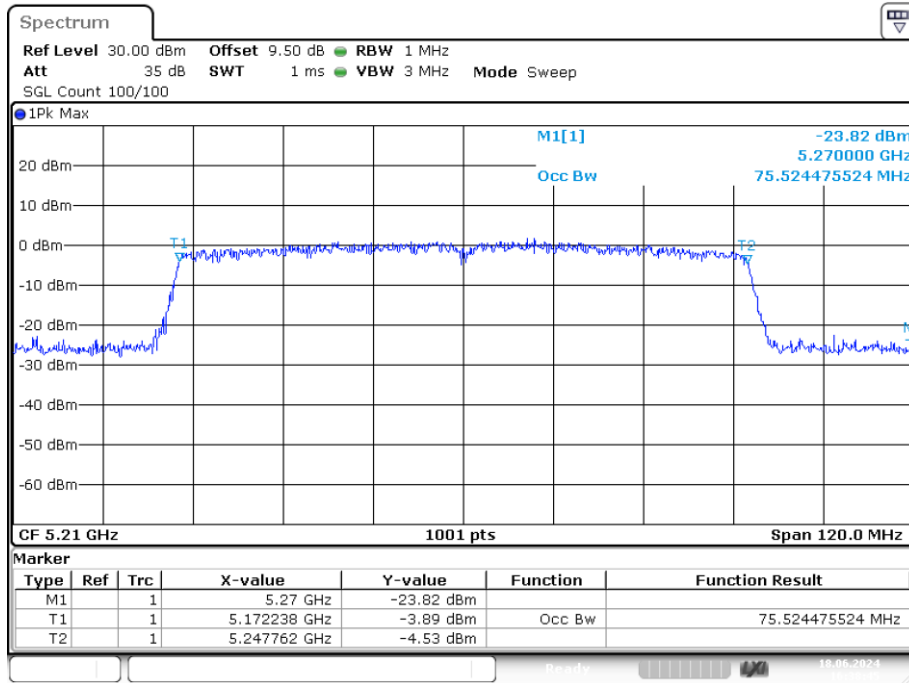
OBW NVNT ac40 5190MHz Ant1



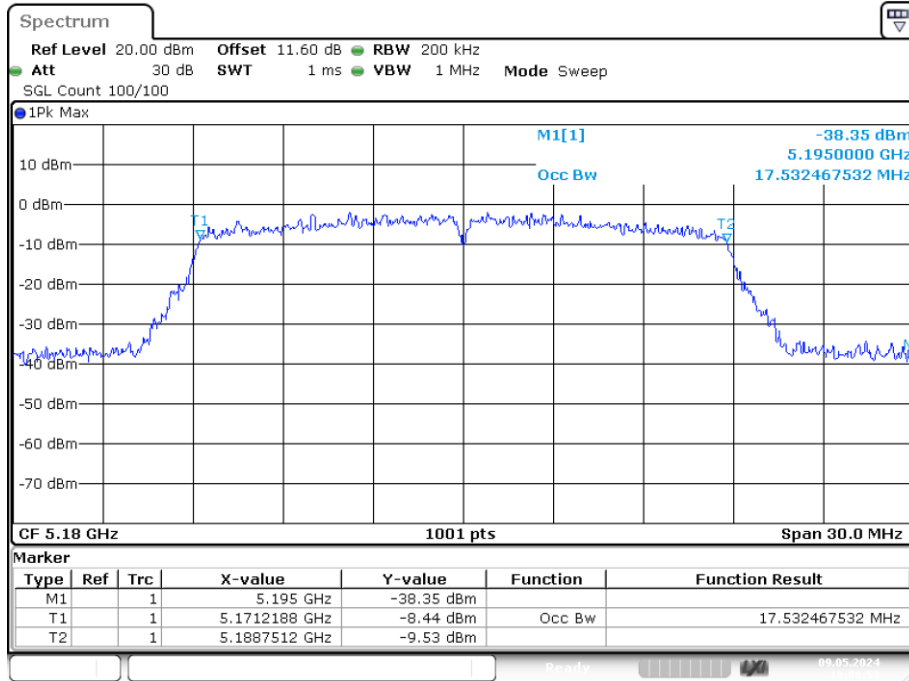
OBW NVNT ac40 5230MHz Ant1



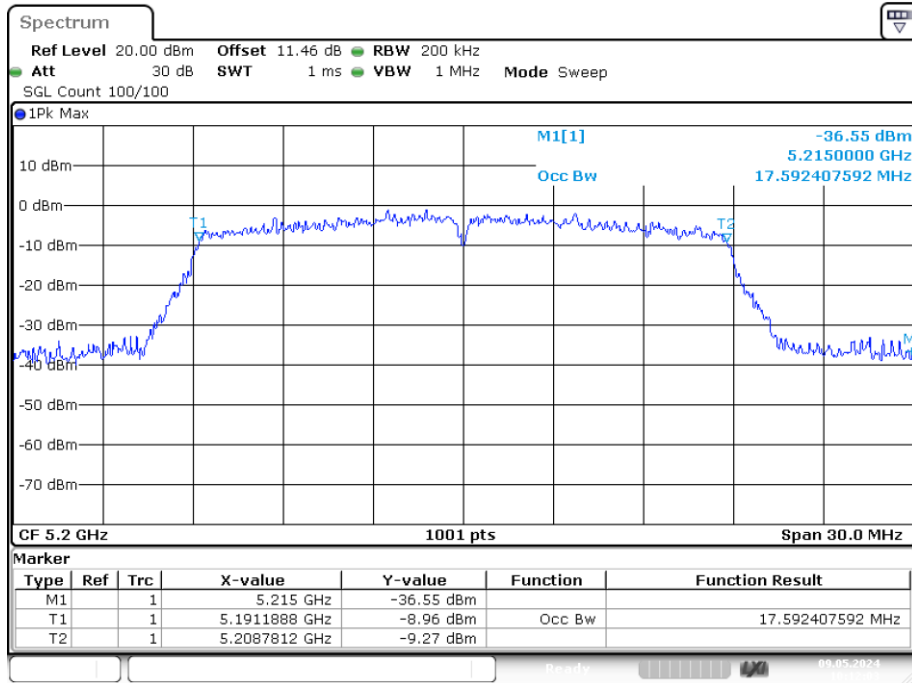
### OBW NVNT ac80 5210MHz Ant1



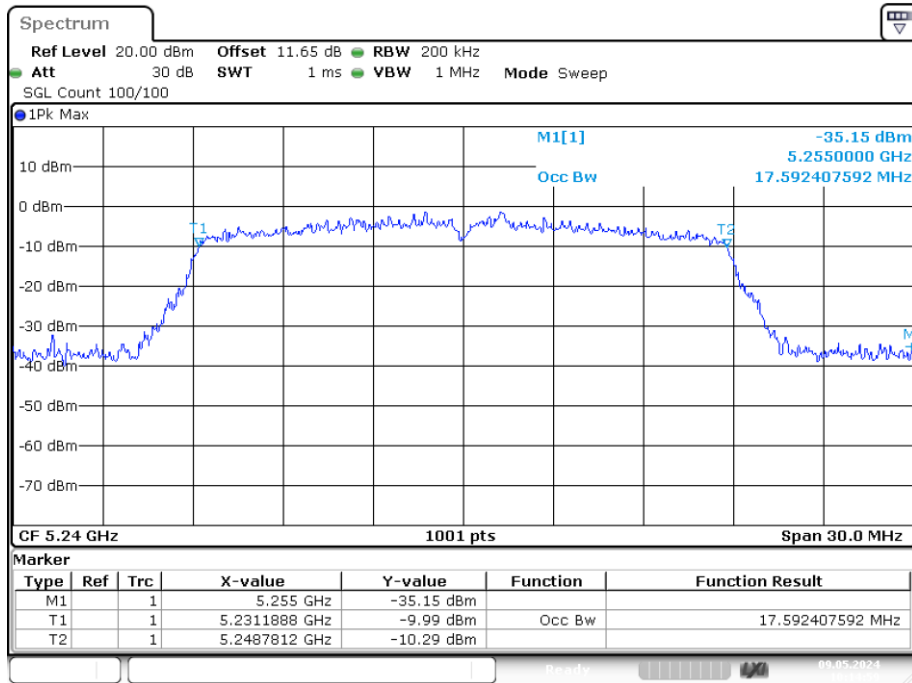
### OBW NVNT n20 5180MHz Ant1



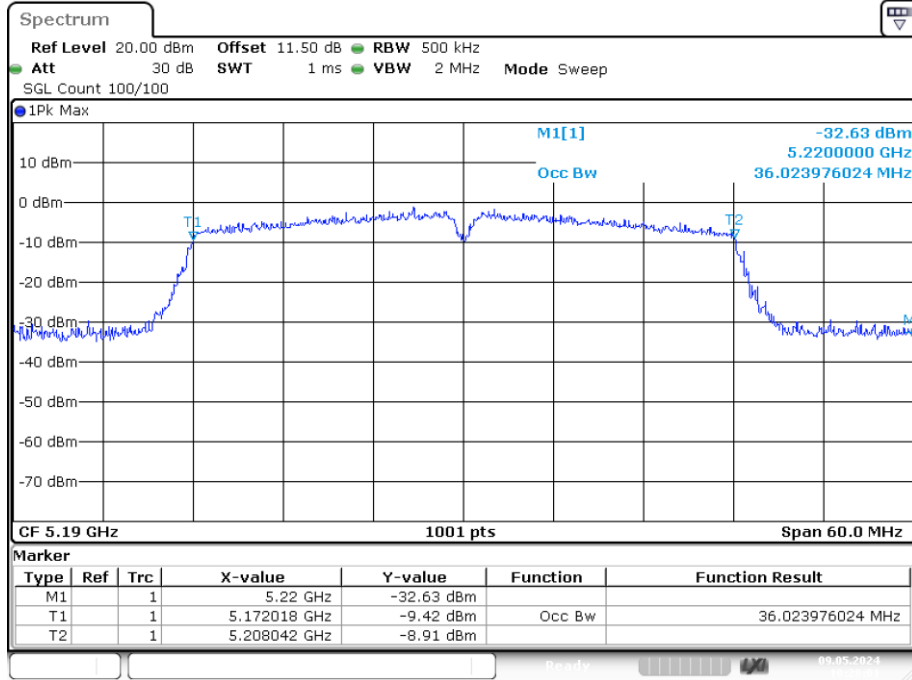
OBW NVNT n20 5200MHz Ant1



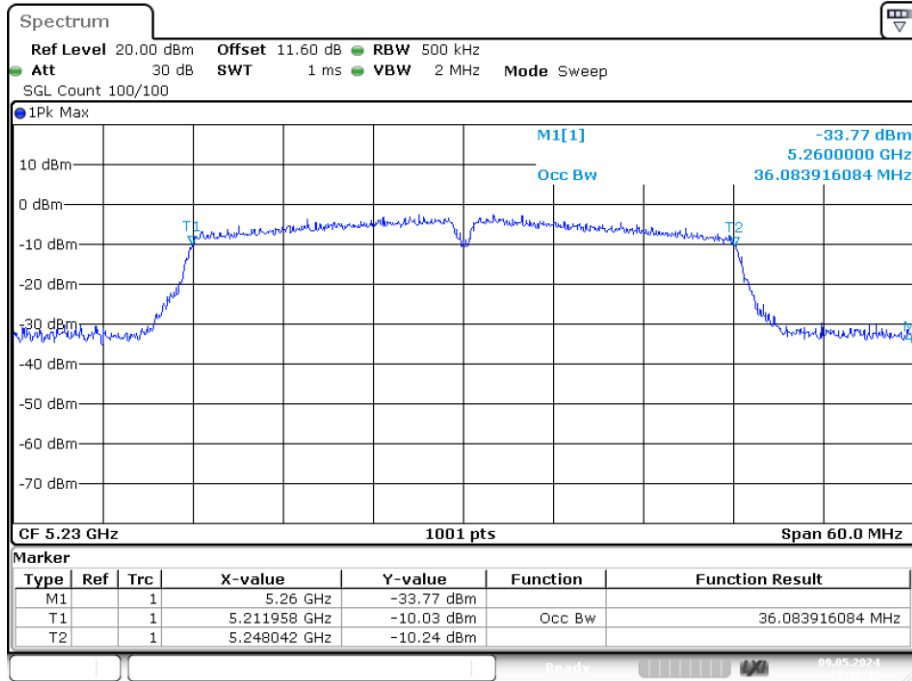
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



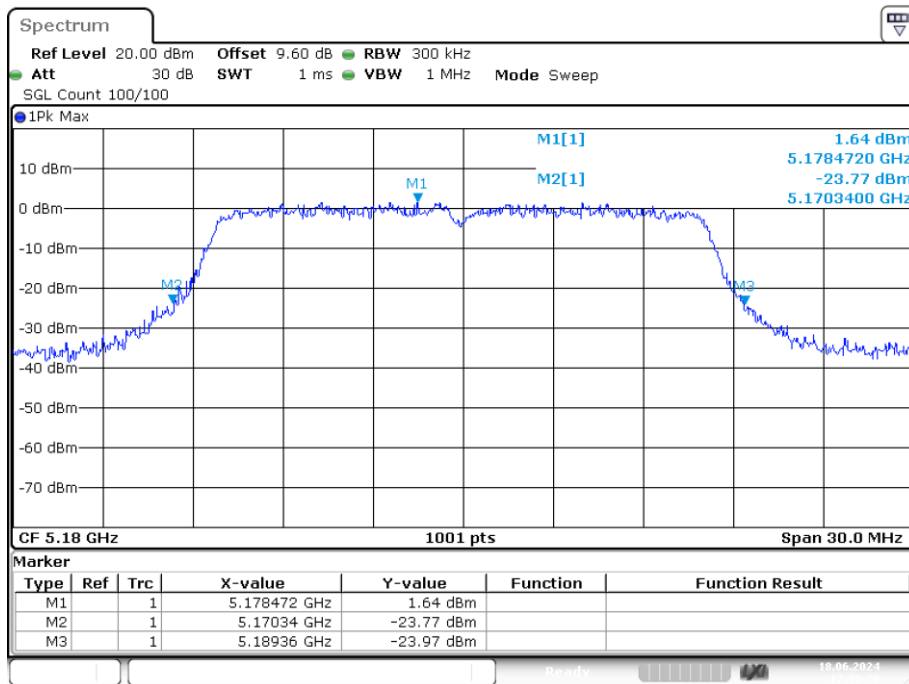
OBW NVNT n40 5230MHz Ant1



**-26dB Bandwidth**

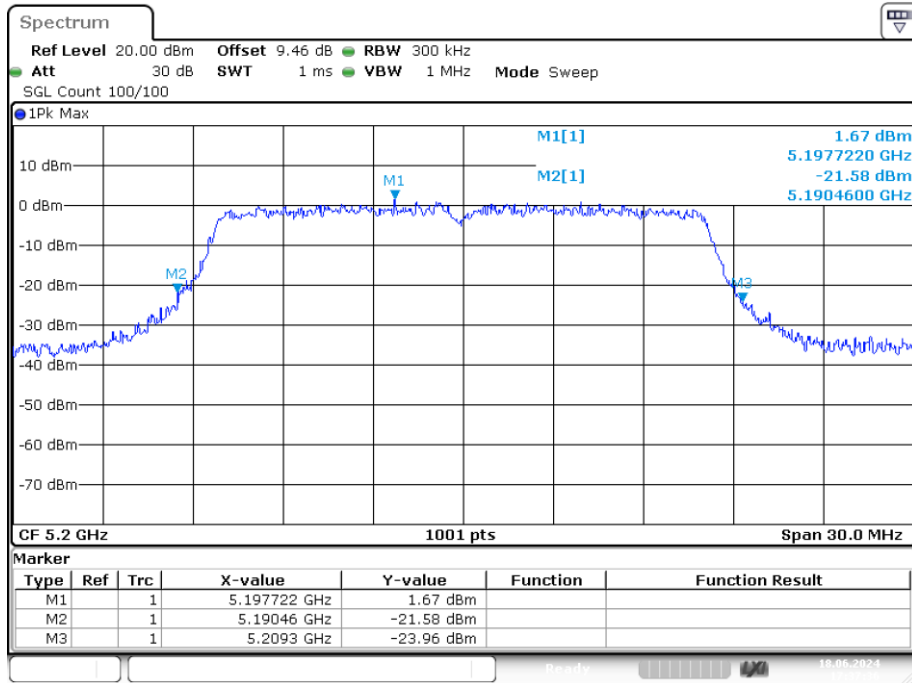
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	19.02	0.5	Pass
NVNT	a	5200	Ant2	18.84	0.5	Pass
NVNT	a	5240	Ant2	19.35	0.5	Pass
NVNT	ac20	5180	Ant2	20.97	0.5	Pass
NVNT	ac20	5200	Ant2	20.19	0.5	Pass
NVNT	ac20	5240	Ant2	19.95	0.5	Pass
NVNT	ac40	5190	Ant2	39.66	0.5	Pass
NVNT	ac40	5230	Ant2	39.18	0.5	Pass
NVNT	ac80	5210	Ant2	80.52	0.5	Pass
NVNT	n20	5180	Ant2	20.37	0.5	Pass
NVNT	n20	5200	Ant2	20.34	0.5	Pass
NVNT	n20	5240	Ant2	20.55	0.5	Pass
NVNT	n40	5190	Ant2	39.24	0.5	Pass
NVNT	n40	5230	Ant2	39.96	0.5	Pass

-26dB Bandwidth NVNT a 5180MHz Ant2



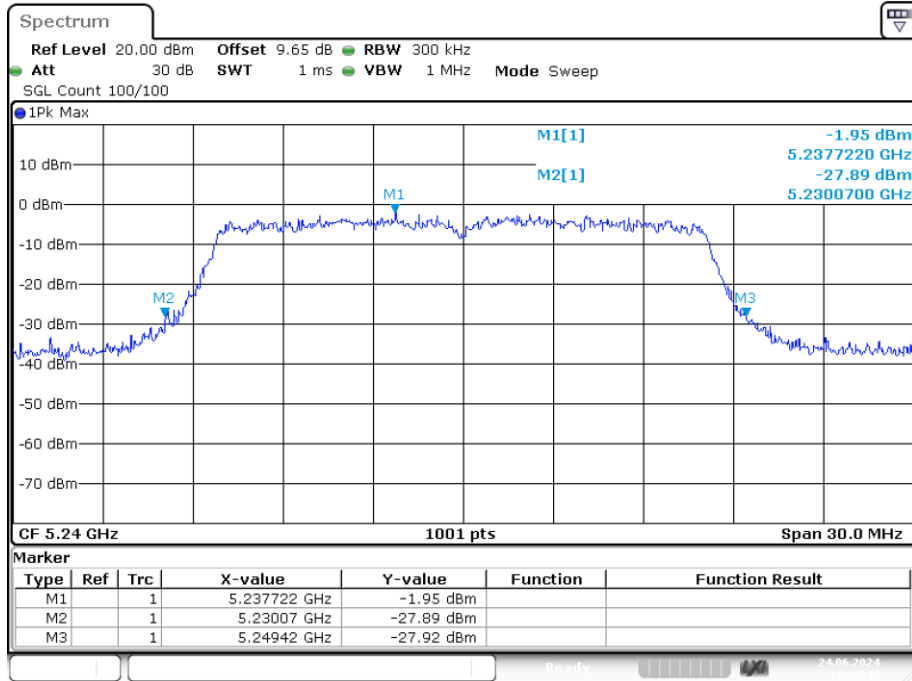
Date: 18.JUN.2024 17:36:38

-26dB Bandwidth NVNT a 5200MHz Ant2



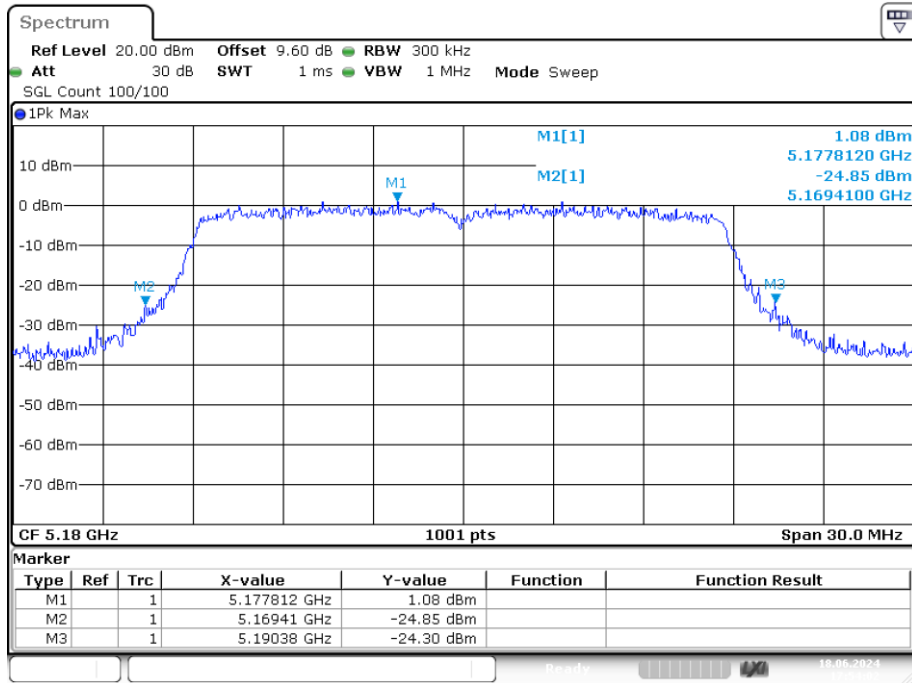
Date: 18.JUN.2024 17:37:36

-26dB Bandwidth NVNT a 5240MHz Ant2



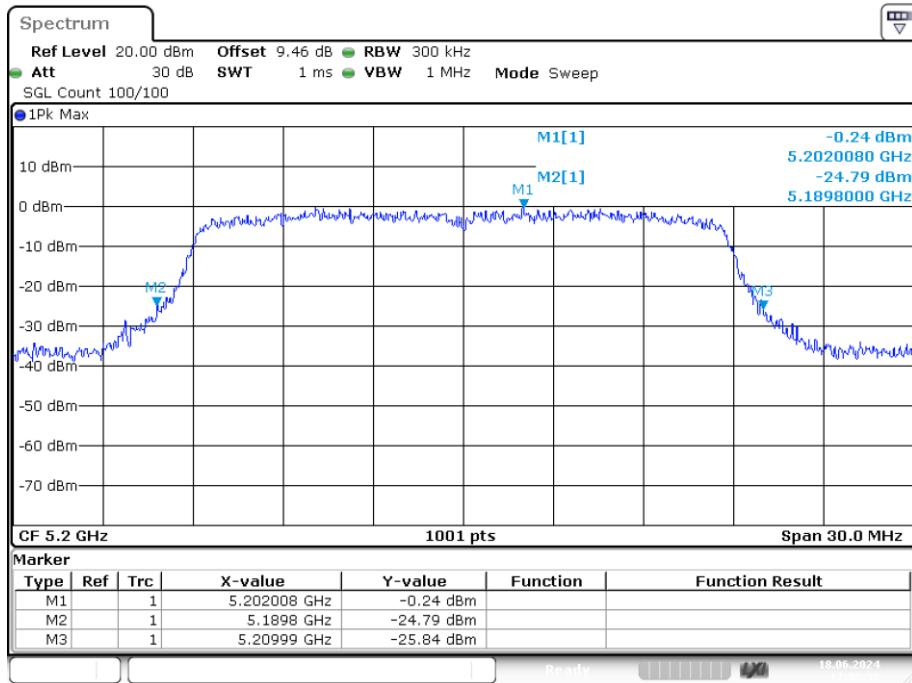
Date: 24.JUN.2024 15:55:44

-26dB Bandwidth NVNT ac20 5180MHz Ant2



Date: 18.JUN.2024 17:54:02

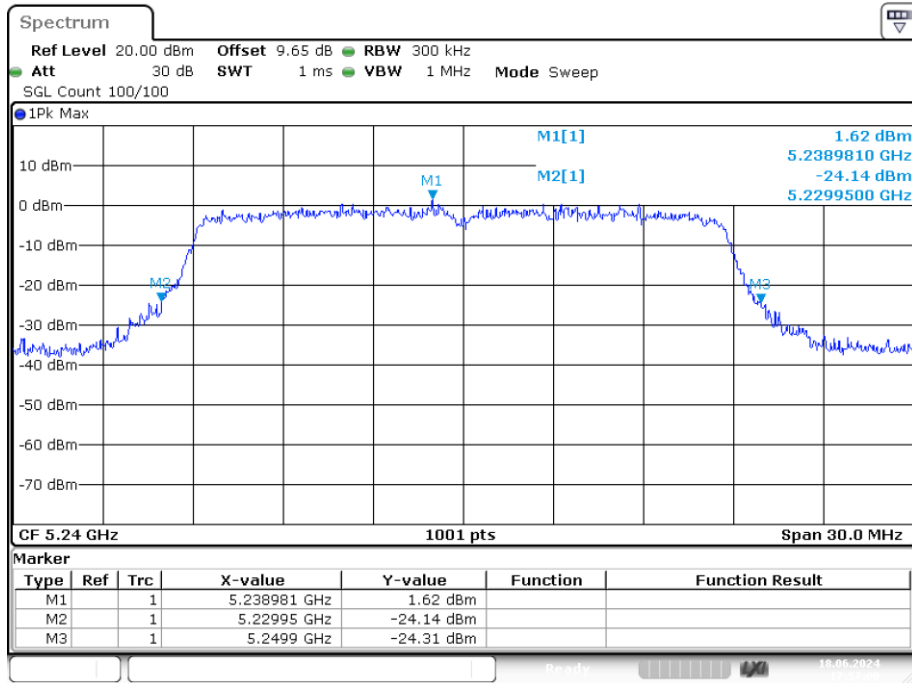
-26dB Bandwidth NVNT ac20 5200MHz Ant2



Date: 18.JUN.2024 17:55:32

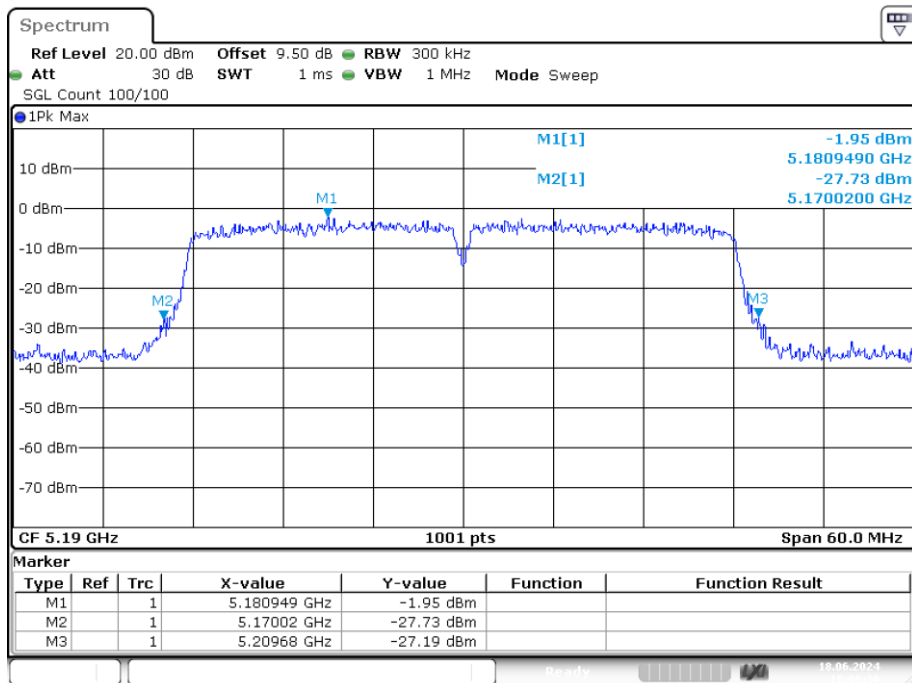


-26dB Bandwidth NVNT ac20 5240MHz Ant2



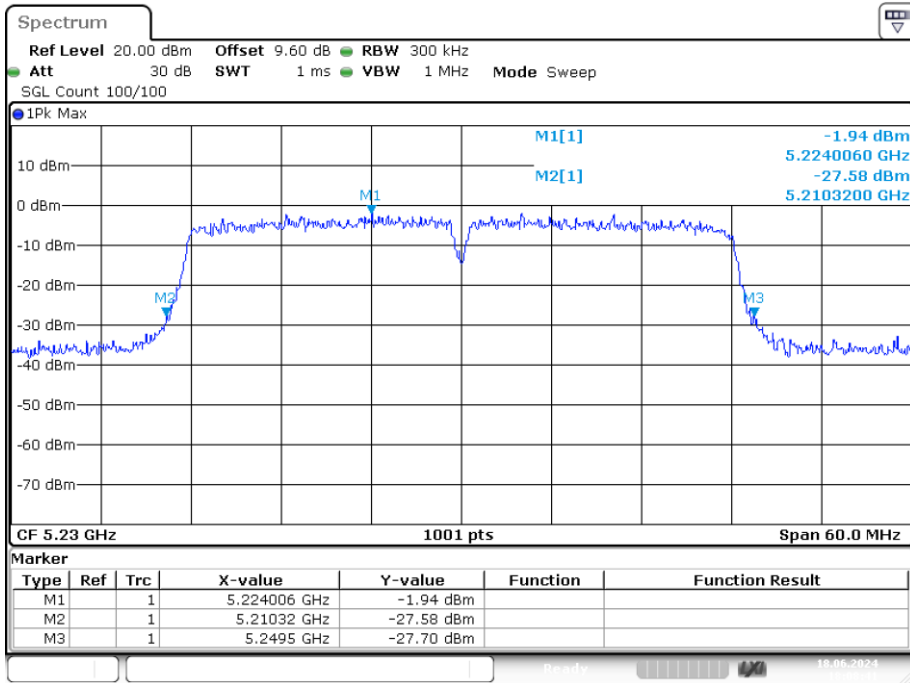
Date: 18.JUN.2024 17:57:00

-26dB Bandwidth NVNT ac40 5190MHz Ant2



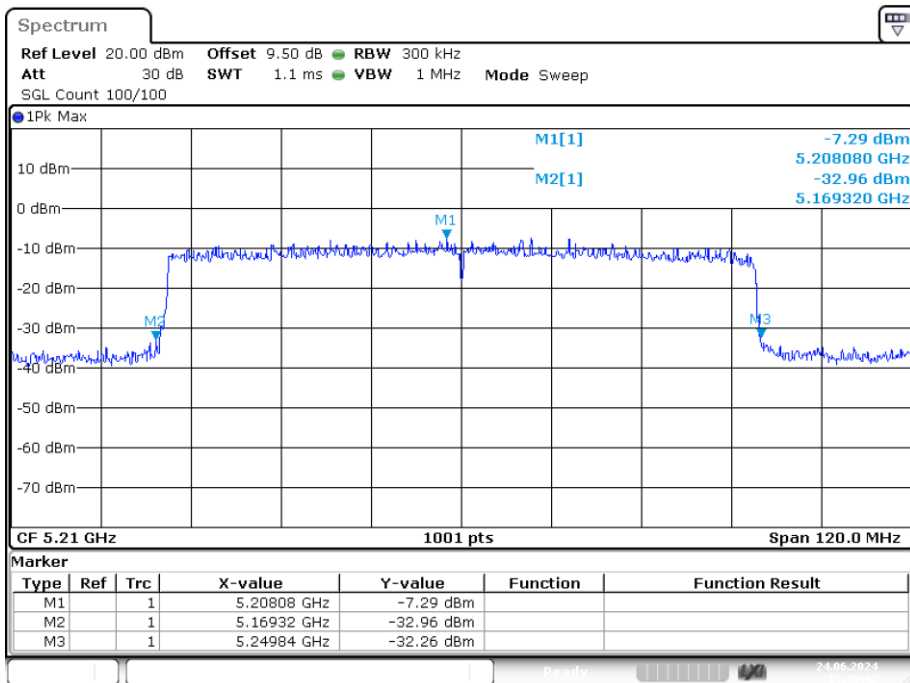
Date: 18.JUN.2024 18:09:37

-26dB Bandwidth NVNT ac40 5230MHz Ant2



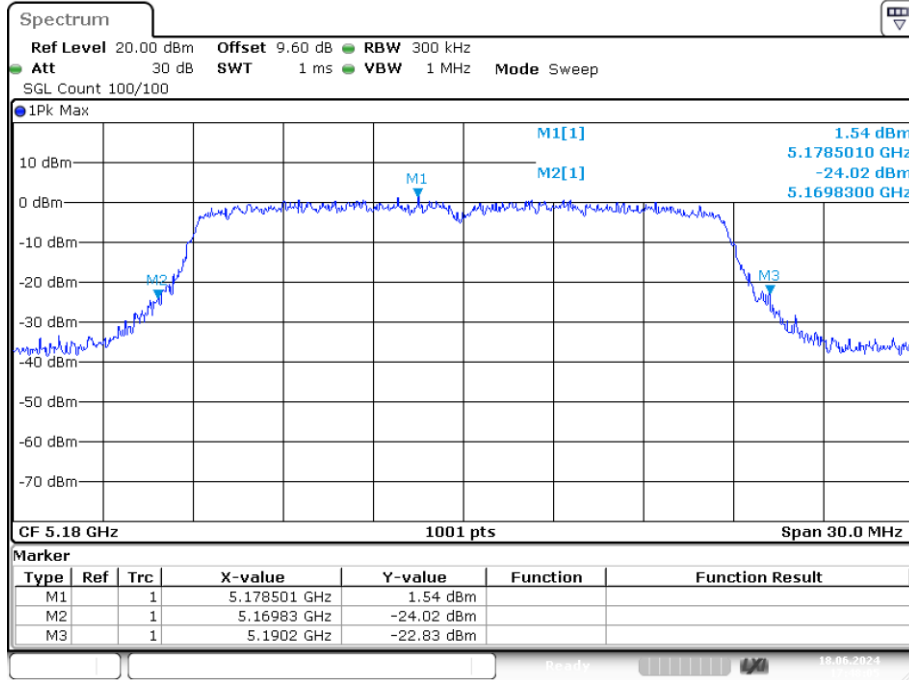
Date: 18.JUN.2024 18:08:41

-26dB Bandwidth NVNT ac80 5210MHz Ant2



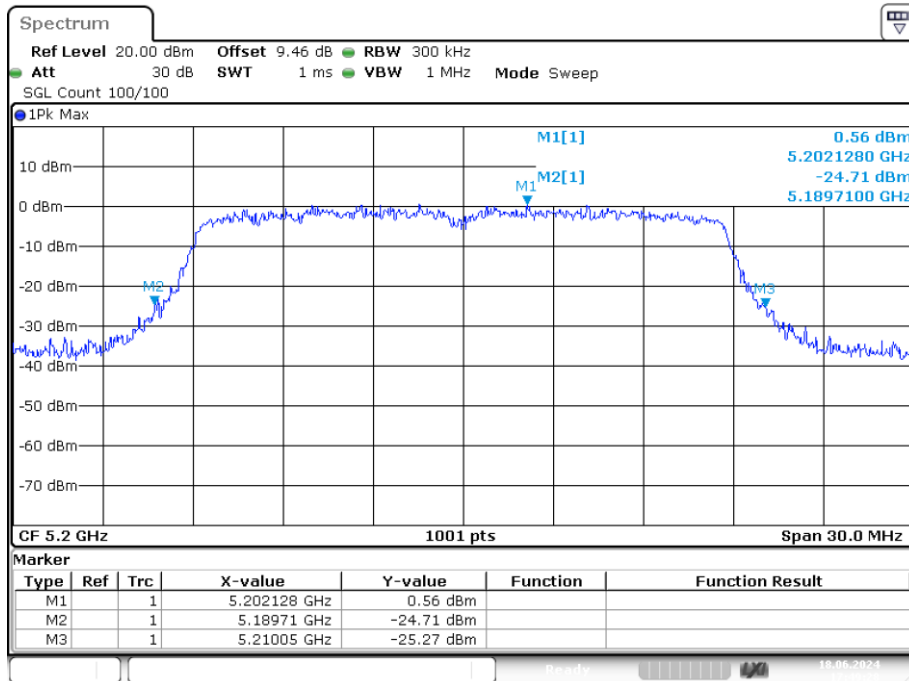
Date: 24.JUN.2024 15:46:42

-26dB Bandwidth NVNT n20 5180MHz Ant2



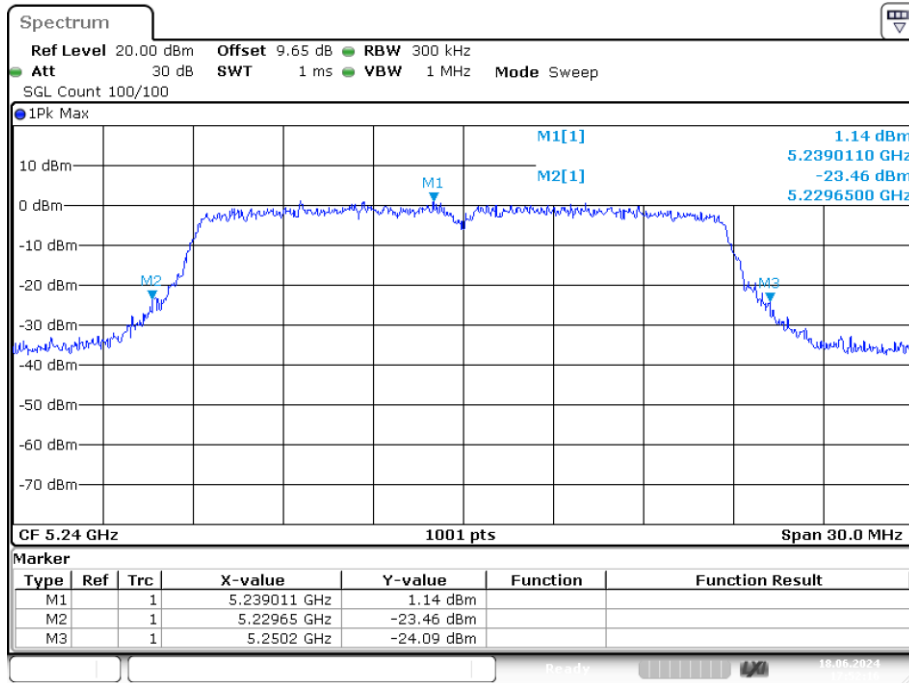
Date: 18.JUN.2024 17:48:05

-26dB Bandwidth NVNT n20 5200MHz Ant2

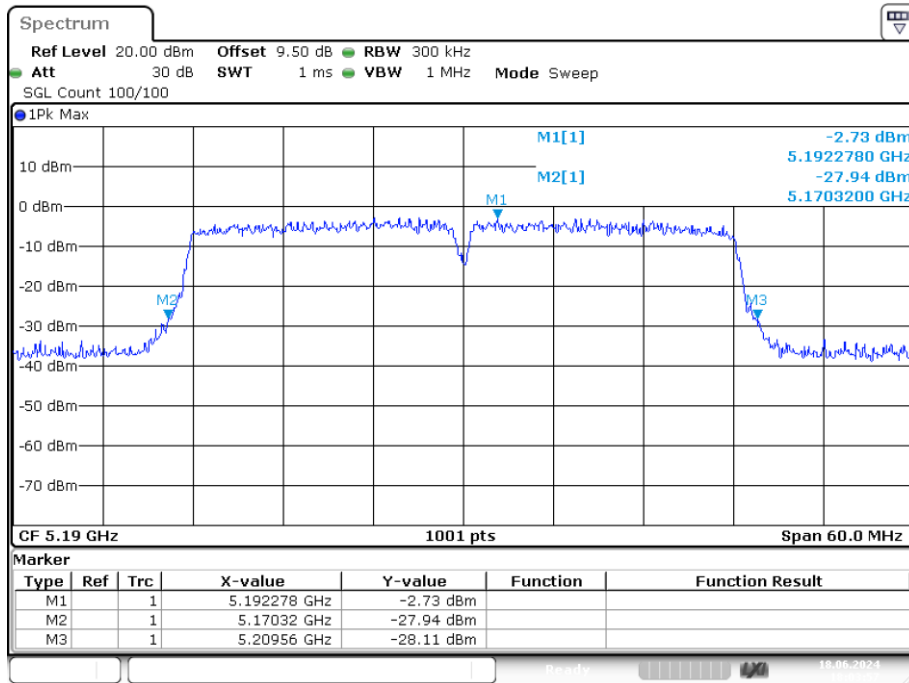


Date: 18.JUN.2024 17:49:27

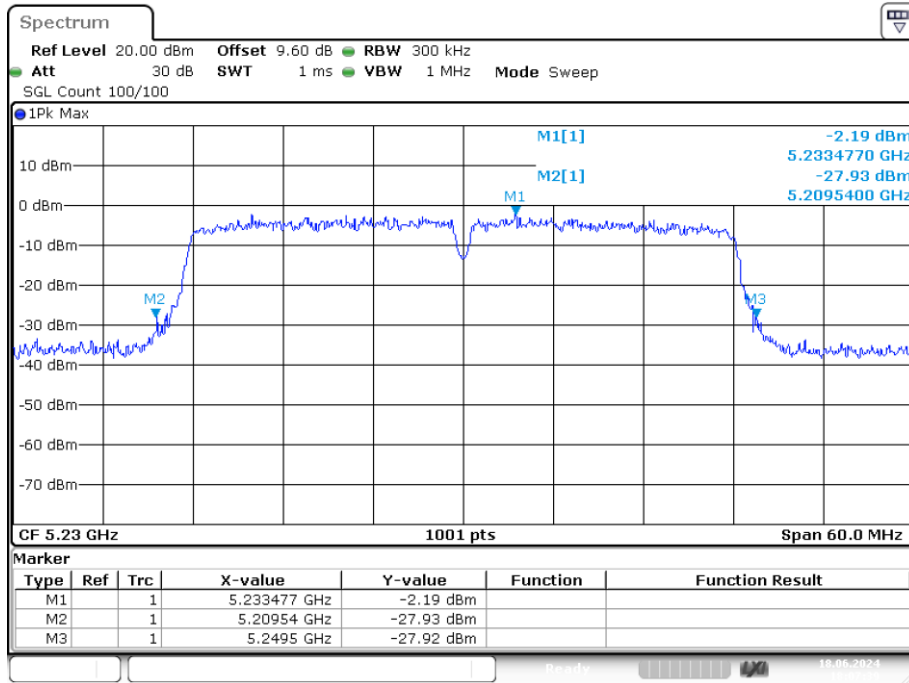
-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2

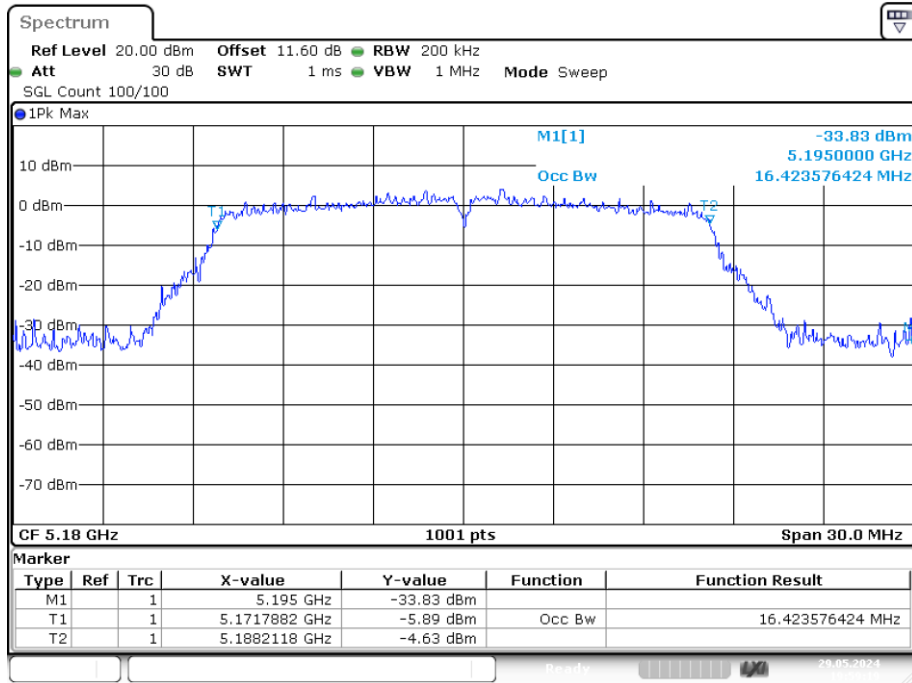


Date: 18.JUN.2024 18:07:40

**Occupied Channel Bandwidth**

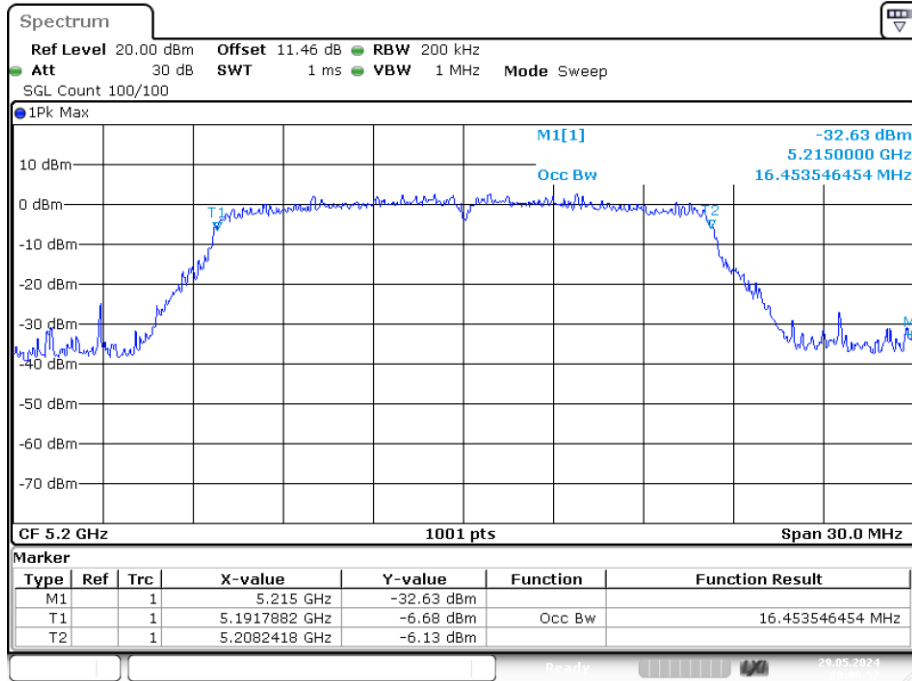
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant2	16.424
NVNT	a	5200	Ant2	16.454
NVNT	a	5240	Ant2	16.394
NVNT	ac20	5180	Ant2	17.562
NVNT	ac20	5200	Ant2	17.532
NVNT	ac20	5240	Ant2	17.532
NVNT	ac40	5190	Ant2	36.144
NVNT	ac40	5230	Ant2	36.024
NVNT	ac80	5210	Ant2	75.405
NVNT	n20	5180	Ant2	17.532
NVNT	n20	5200	Ant2	17.562
NVNT	n20	5240	Ant2	17.532
NVNT	n40	5190	Ant2	36.084
NVNT	n40	5230	Ant2	35.964

OBW NVNT a 5180MHz Ant2



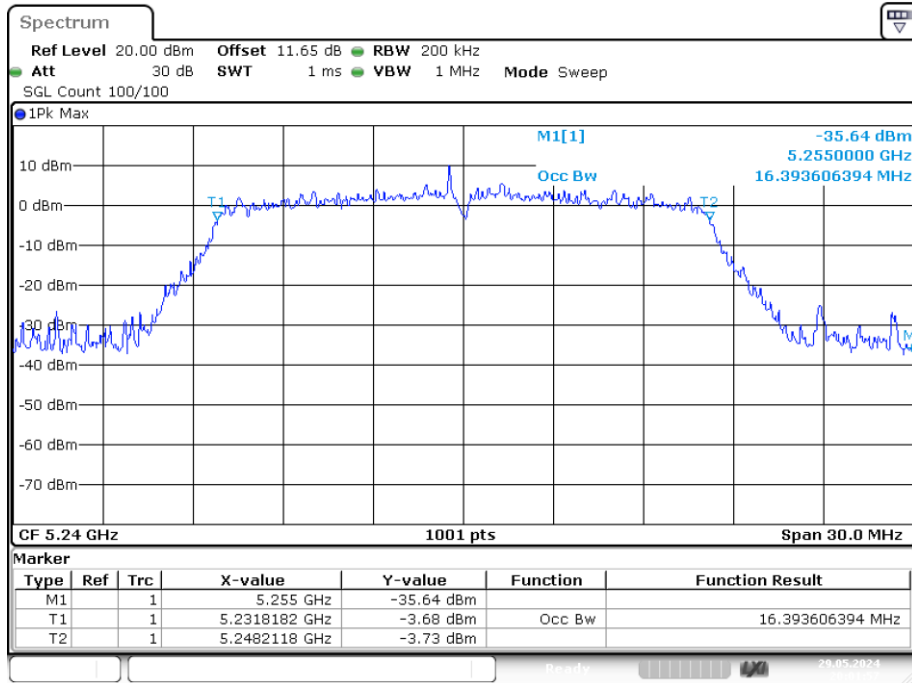
Date: 29.MAY.2024 19:59:18

OBW NVNT a 5200MHz Ant2

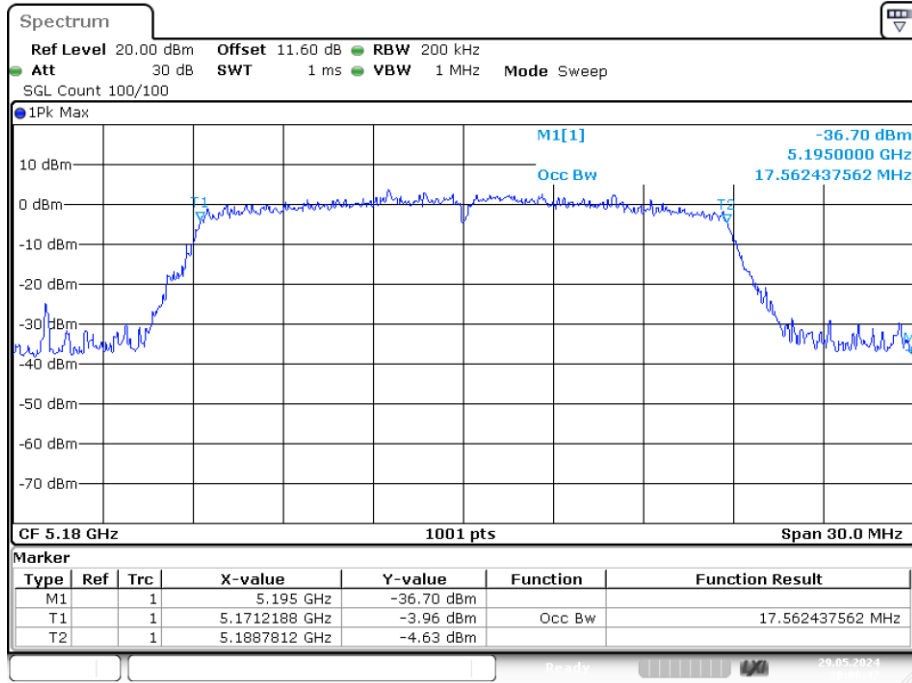


Date: 29.MAY.2024 20:00:57

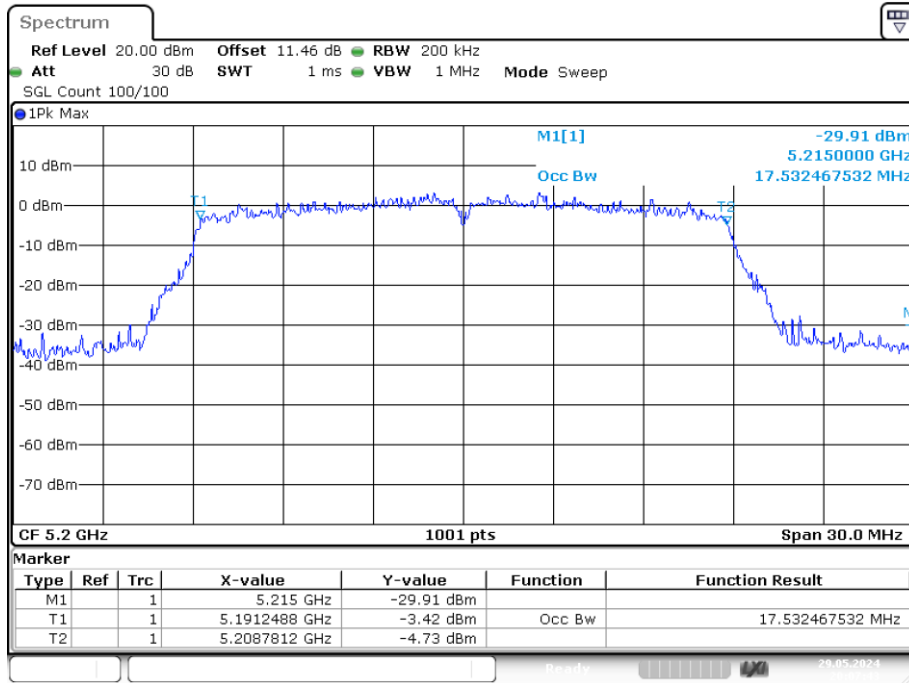
OBW NVNT a 5240MHz Ant2



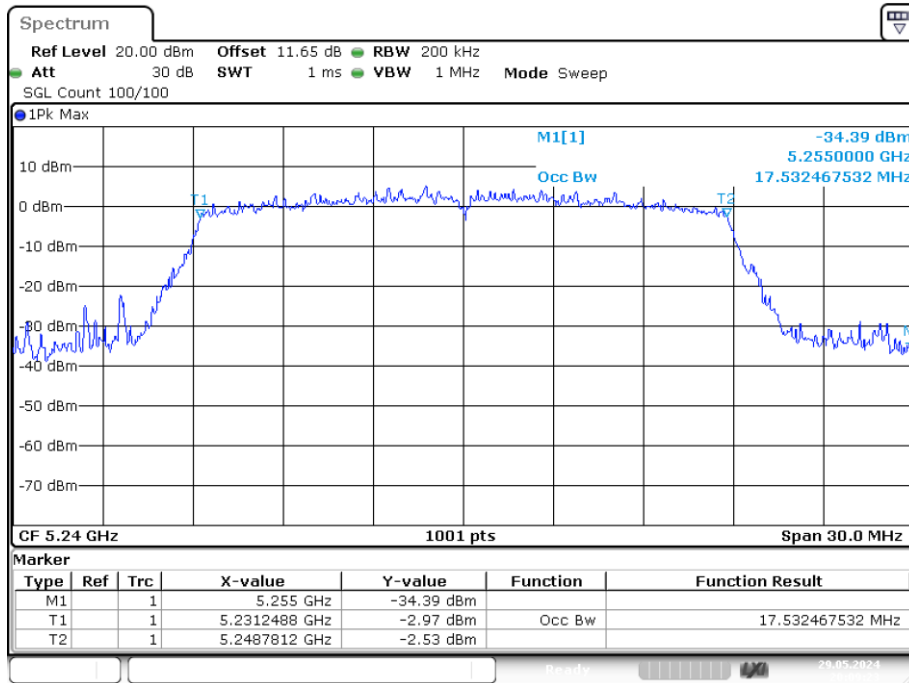
OBW NVNT ac20 5180MHz Ant2



OBW NVNT ac20 5200MHz Ant2

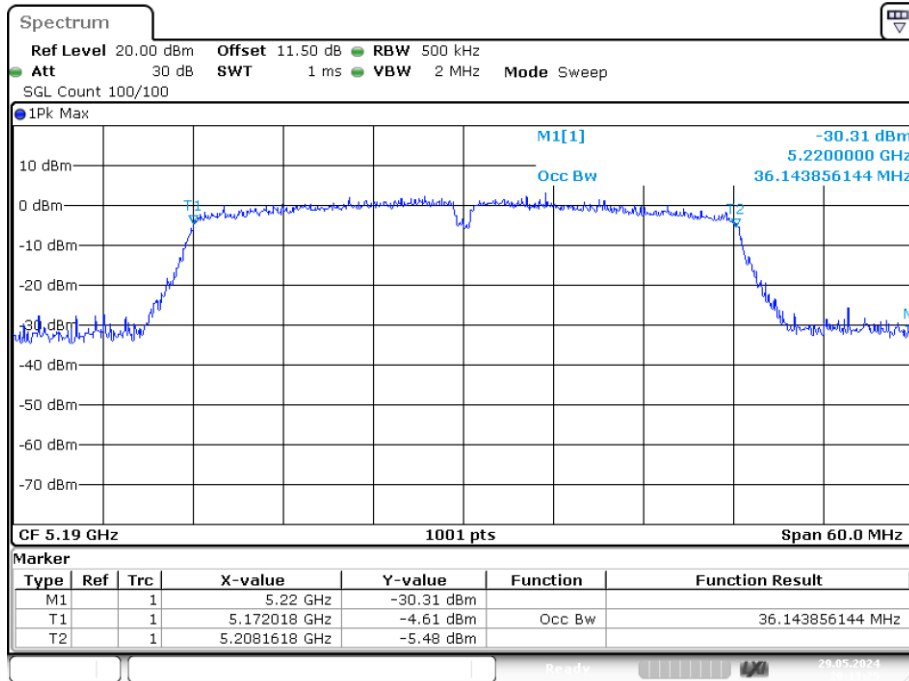


OBW NVNT ac20 5240MHz Ant2

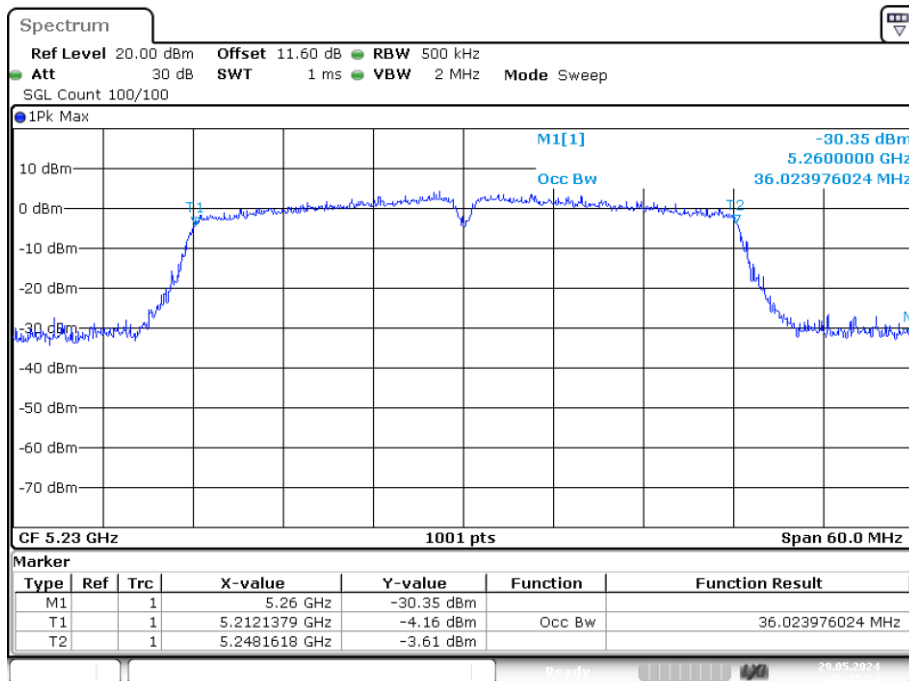




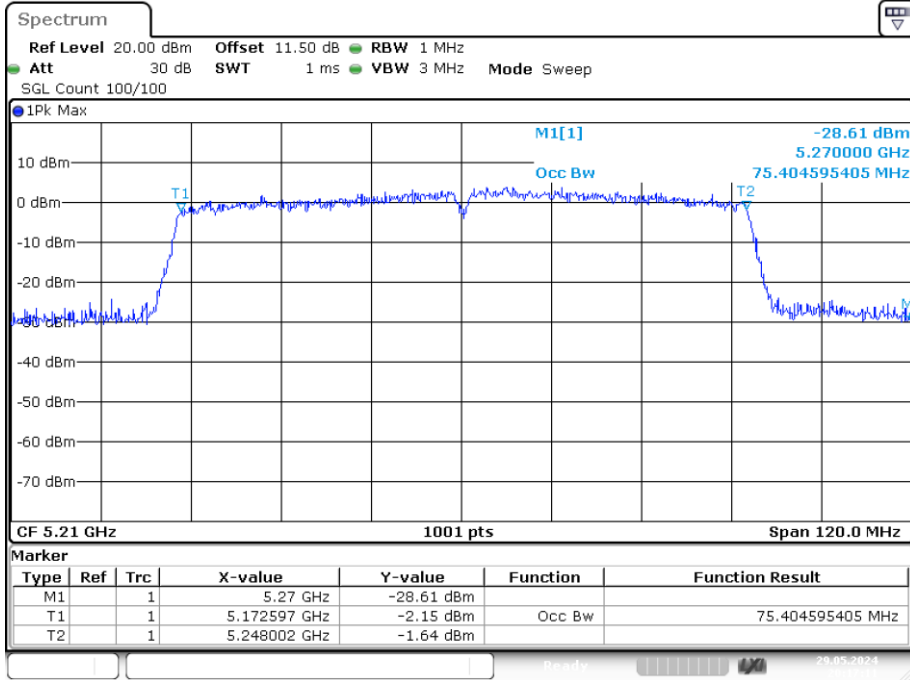
OBW NVNT ac40 5190MHz Ant2



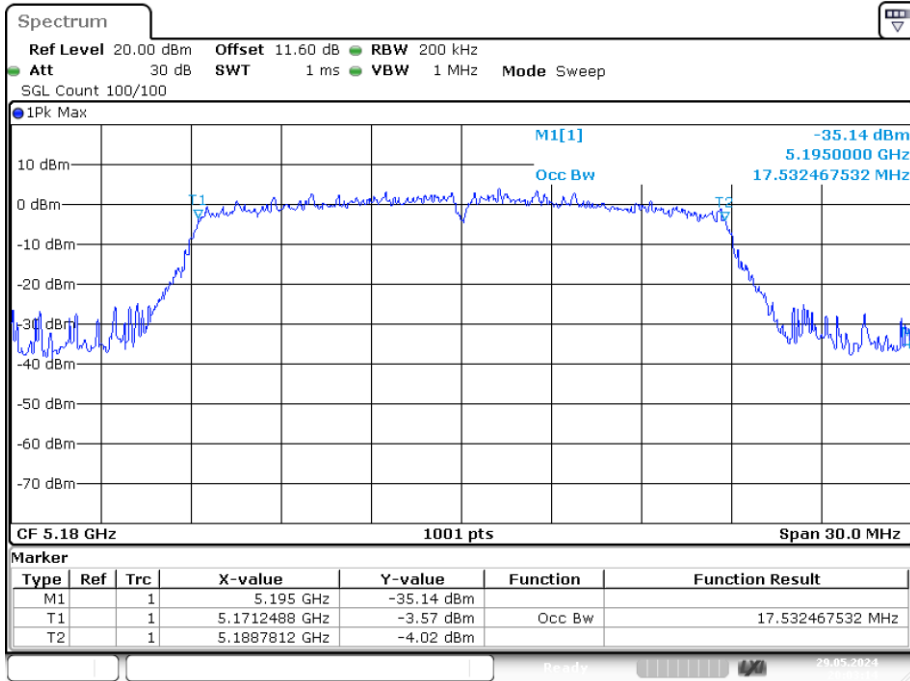
OBW NVNT ac40 5230MHz Ant2



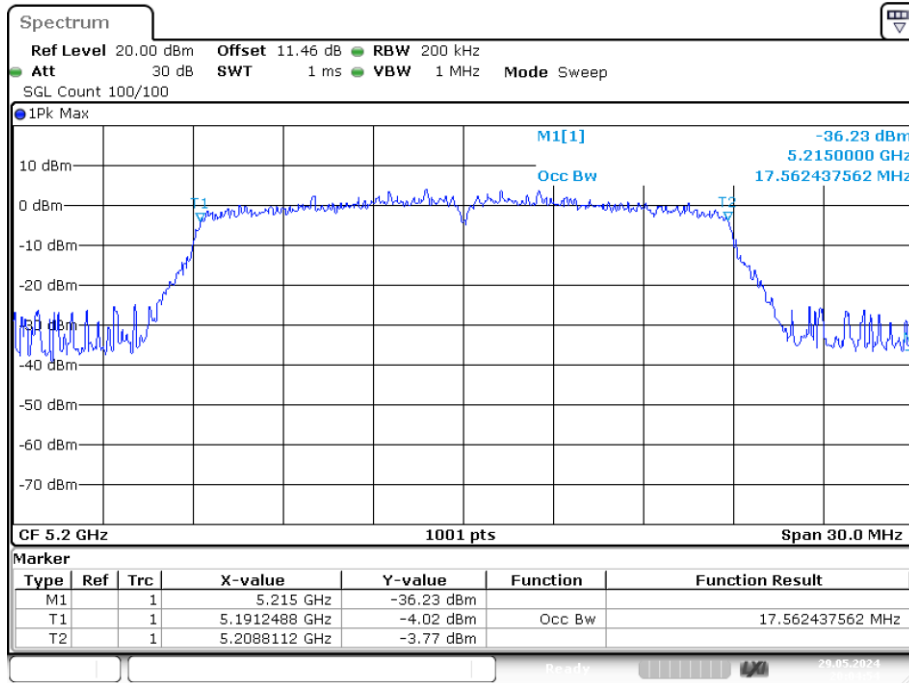
OBW NVNT ac80 5210MHz Ant2



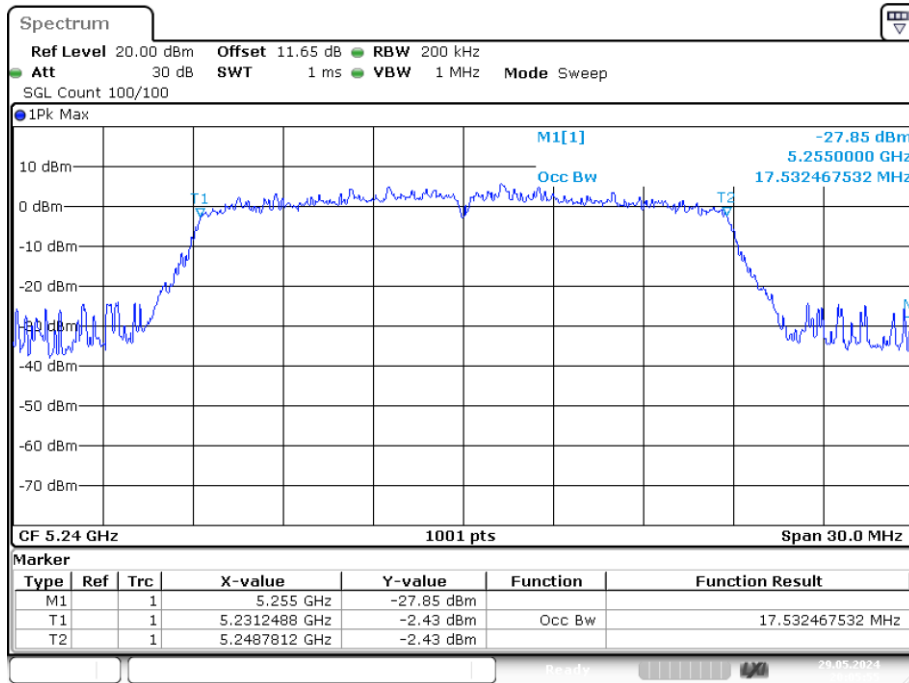
OBW NVNT n20 5180MHz Ant2



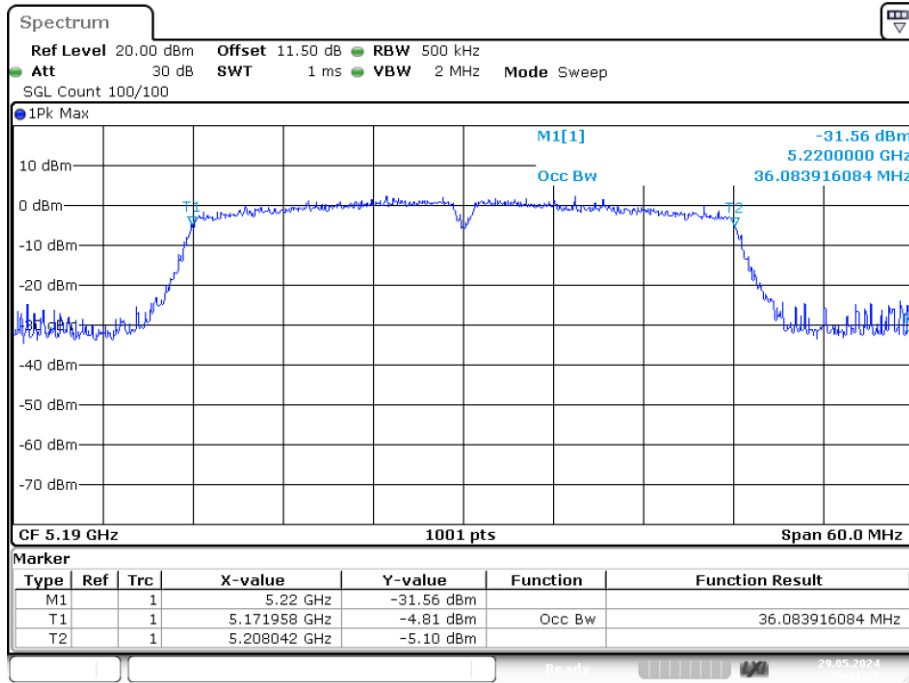
### OBW NVNT n20 5200MHz Ant2



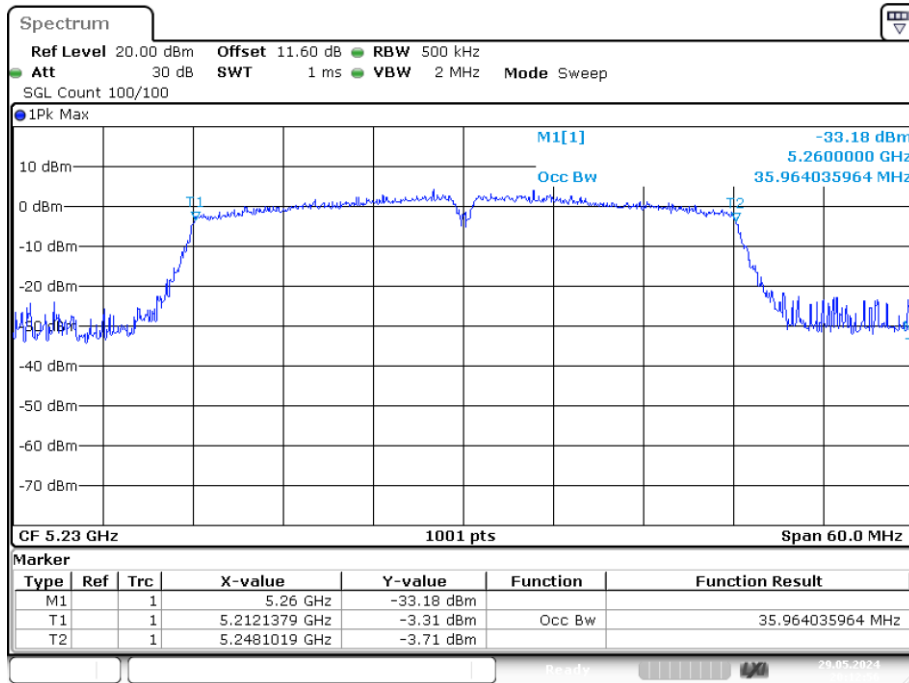
### OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant2



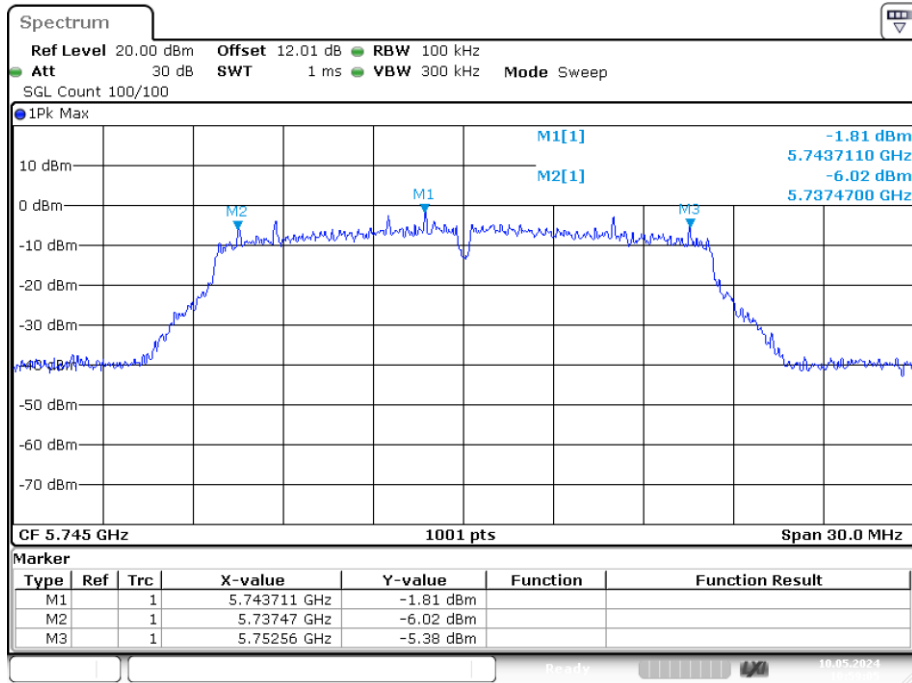
OBW NVNT n40 5230MHz Ant2



**Band 4 (5725-5850 MHz):****-6dB Bandwidth**

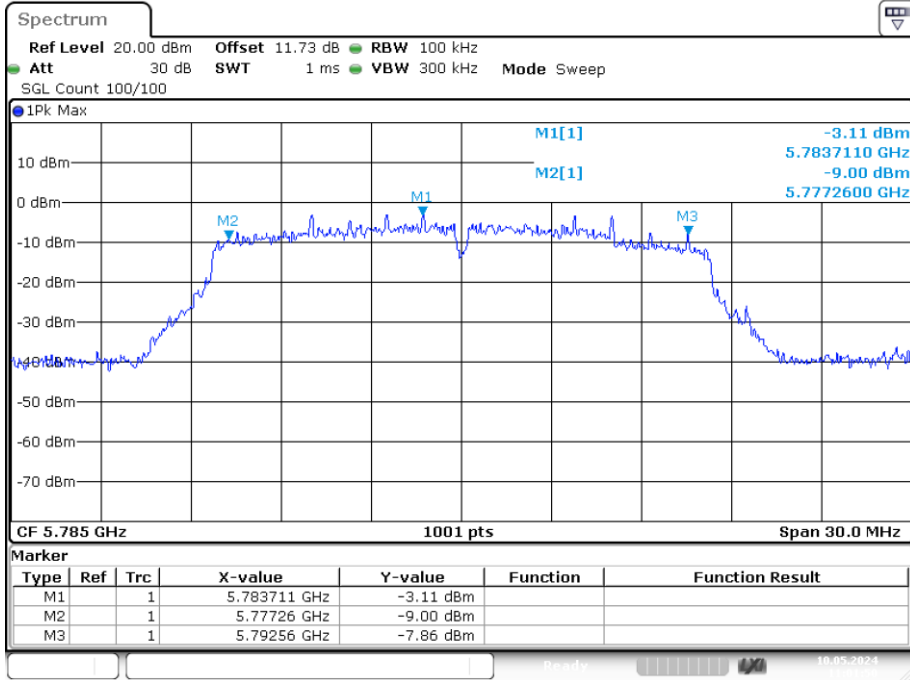
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.09	0.5	Pass
NVNT	a	5785	Ant1	15.3	0.5	Pass
NVNT	a	5825	Ant1	13.17	0.5	Pass
NVNT	ac20	5745	Ant1	15.03	0.5	Pass
NVNT	ac20	5785	Ant1	13.83	0.5	Pass
NVNT	ac20	5825	Ant1	17.28	0.5	Pass
NVNT	ac40	5755	Ant1	35.1	0.5	Pass
NVNT	ac40	5795	Ant1	31.32	0.5	Pass
NVNT	ac80	5775	Ant1	75.12	0.5	Pass
NVNT	n20	5745	Ant1	15.06	0.5	Pass
NVNT	n20	5785	Ant1	15.45	0.5	Pass
NVNT	n20	5825	Ant1	13.83	0.5	Pass
NVNT	n40	5755	Ant1	35.1	0.5	Pass
NVNT	n40	5795	Ant1	35.04	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1



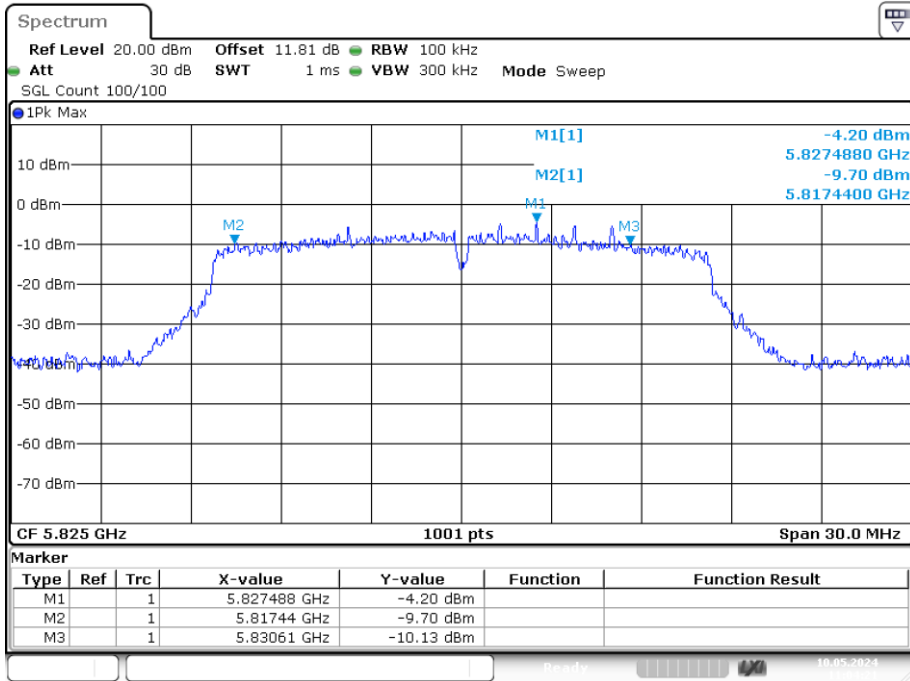
Date: 10.MAY.2024 10:59:05

-6dB Bandwidth NVNT a 5785MHz Ant1



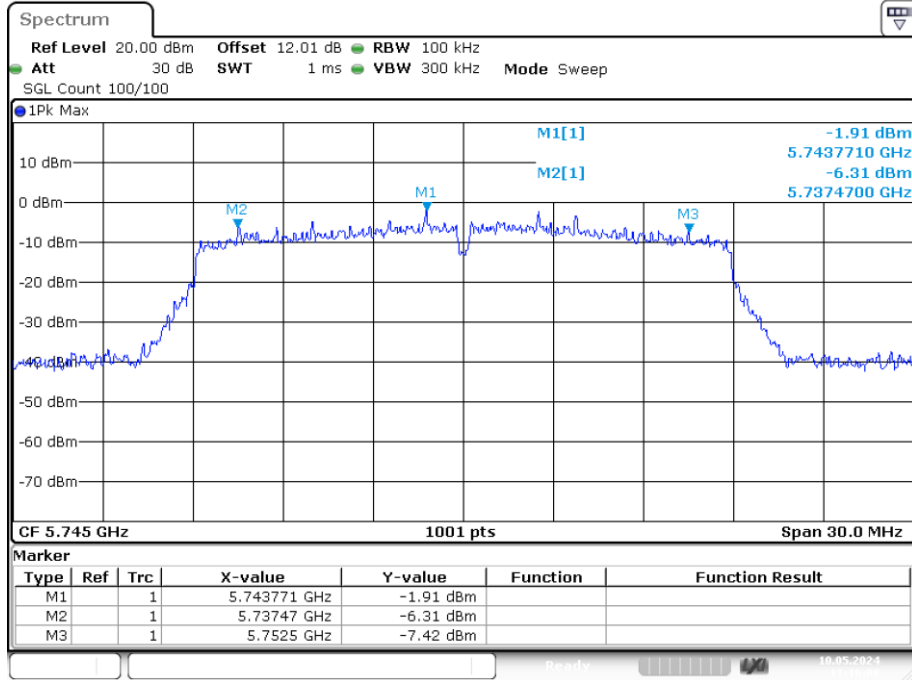
Date: 10.MAY.2024 11:01:50

-6dB Bandwidth NVNT a 5825MHz Ant1



Date: 10.MAY.2024 11:04:22

-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1

