



FCC TEST REPORT

FCC ID: 2BAK5-CEK8902

On Behalf of

SHENZHEN CECPORT TECHNOLOGIES CO., LTD.

CEK8902 SBC

Model No.: CEK8902-S905D3

Prepared for : SHENZHEN CECPORT TECHNOLOGIES CO., LTD.
Address : 20th Floor, block A, phase 1, China Merchants Qianhai Economic and Trade Center, No.151, Nanshan street, Nanshan District, Shenzhen City, Guangdong Province, 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 : A2301110-C01-R12
Date of Receipt : February 14, 2023
Date of Test : February 14, 2023-March 10, 2023
Date of Report : March 15, 2023
Version Number : V0

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TEST REPORT DECLARATION

Applicant : SHENZHEN CECPORT TECHNOLOGIES CO., LTD.
 Address : 20th Floor, block A, phase 1, China Merchants Qianhai Economic and Trade Center, No.151, Nanshan street, Nanshan District, Shenzhen City, Guangdong Province, China
 Manufacturer : Shenzhen Komkia Precision Products Co., Ltd.
 Address : Building D, Area 0A-04, Fenghuang Third Industrial Park Fuyong Subdistrict, Bao'an District, Shenzhen, P.R. China, 518100
 EUT Description : CEK8902 SBC
 (A) Model No. : CEK8902-S905D3
 (B) Trademark :



Measurement Standard Used:



FCC Rules and Regulations Part 15 Subpart E

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 E 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).....:	Lucas Pang Project Engineer	
Approved by (name + signature).....:	Reak Yang Project Manager	
Date of issue.....:	March 15, 2023	

Revision History

Revision	Issue Date	Revisions	Revised By
V0	March 15, 2023	Initial released Issue	Lucas Pang

1 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	Section 15.203 Section 7.1.4 RSS-Gen Issue 5	PASS
AC Power Line Conducted Emission	Section 15.207 Section 7.2.4 RSS-GEN(8.8), ANSI C63.10	PASS
Peak Transmit Power	Section 15.407(a), RSS-247 5.4(2)	PASS
Power Spectral Density	Section 15.407(a), RSS-247 5.2(2)	PASS
Undesirable Emission	Section 15.407(b), RSS-247 5.5	PASS
Radiated Emission	Section 15.407(b)&15.209 Section 5.5 RSS-Gen(8.9), RSS-247(5.5), 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 (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	5.06×10^{-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 : CEK8902 SBC
Model No. : CEK8902-S905D3
DIFF. : N/A
Power supply : DC 5V from adapter

Radio Technology : 5G WIFI

Operation Frequency : 802.11a/n(HT20)/ac(VHT20): 5180~5240MHz; 5260-5320MHz; 5500-5700MHz; 5745~5825MHz
802.11n(HT40)/ac(VHT40): 5190~5230MHz; 5260-5320MHz; 5510-5670MHz; 5755~5795MHz
802.11ac(VHT80): 5210MHz, 5290MHz, 5530MHz, 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/a/ac: OFDM (64QAM, 16QAM, QPSK, BPSK)

Antenna Type : Ceramic antenna, max gain 5.64dBi
(Antenna information is provided by applicant.)
Note: The product also has a spare antenna, and their antenna gain is the same.

Software version : V1.0
Hardware version : V1.0

Intend use environment : Residential, commercial and light industrial environment

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: CN0085

2.4 Description of Support Units

Accessories : Adapter
 Manufacturer : Shenzhen Keyu Power Supply Co., Ltd.
 Model : KA1801A-0503000US
 Ratings : Input: 100-240V~ 50/60Hz 0.55A
 Output: 5V=3.0A

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	2022.08.22	1Year
Spectrum analyzer	Agilent	N9020A	A.14.16	MY499100060	2022.08.22	1Year
Receiver	ROHDE&SCHWARZ	ESR	2.28 SP1	1316.3003K03-102082-Wa	2022.08.22	1Year
Receiver	R&S	ESCI	4.42 SP1	101165	2022.08.22	1Year
Bilog Antenna	Schwarzbeck	VULB 9168	/	VULB 9168#627	2021.08.30	2Year
Horn Antenna	SCHWARZBECK	BBHA 9120 D	/	2106	2021.08.30	2Year
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	/	00059	2021.08.30	2Year
RF Cable	Resenberger	Cable 1	/	RE1	2022.08.22	1Year
RF Cable	Resenberger	Cable 2	/	RE2	2022.08.22	1Year
RF Cable	Resenberger	Cable 3	/	CE1	2022.08.22	1Year
Pre-amplifier	HP	HP8347A	/	2834A00455	2022.08.22	1Year
Pre-amplifier	Agilent	8449B	/	3008A02664	2022.08.22	1Year
L.I.S.N.#1	Schwarzbeck	NSLK8126	/	8126-466	2022.08.22	1Year
L.I.S.N.#2	ROHDE&SCHWARZ	ENV216	/	101043	2022.08.23	1 Year
Horn Antenna	SCHWARZBECK	BBHA9170	/	00946	2021.08.30	2 Year
Preamplifier	SKET	LNPA_1840-50	/	SK2018101801	2022.08.22	1 Year
Power Meter	Agilent	E9300A	/	MY41496628	2022.08.22	1 Year
Power Sensor	DARE	RPR3006W	/	15100041SNO91	2022.08.22	1 Year
Temp. & Humid. Chamber	Weihuang	WHTH-1000-40-880	/	100631	2022.08.22	1 Year
Switching Mode Power Supply	JUNKE	JK12010S	/	20140927-6	2022.08.22	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:

Standard requirement:	FCC Part15 C Section 15.203
<p>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.</p>	
E.U.T Antenna:	
<p>The antenna is Ceramic antenna. The best case gain of the antenna is 5.64dBi, for 5180~5240MHz; 5260-5320MHz; 5500-5700MHz; 5745~5825MHz</p>	

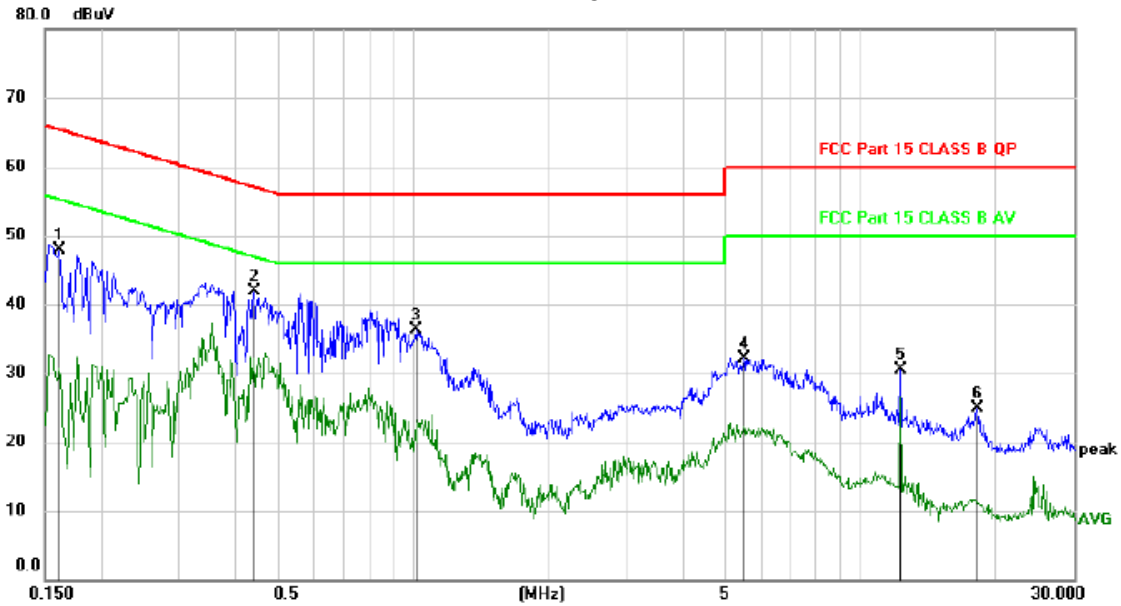
4.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207														
Test Method:	ANSI C63.10:2013														
Test Frequency Range:	150KHz to 30MHz														
Class / Severity:	Class B														
Receiver setup:	RBW=9KHz, VBW=30KHz														
Limit:	<table border="1"> <thead> <tr> <th rowspan="2">Frequency range (MHz)</th> <th colspan="2">Limit (dBuV)</th> </tr> <tr> <th>Quasi-peak</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>0.15-0.5</td> <td>66 to 56*</td> <td>56 to 46*</td> </tr> <tr> <td>0.5-5</td> <td>56</td> <td>46</td> </tr> <tr> <td>5-30</td> <td>60</td> <td>50</td> </tr> </tbody> </table> <p>* Decreases with the logarithm of the frequency.</p>	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
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													
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><i>Remark</i> E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network 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:

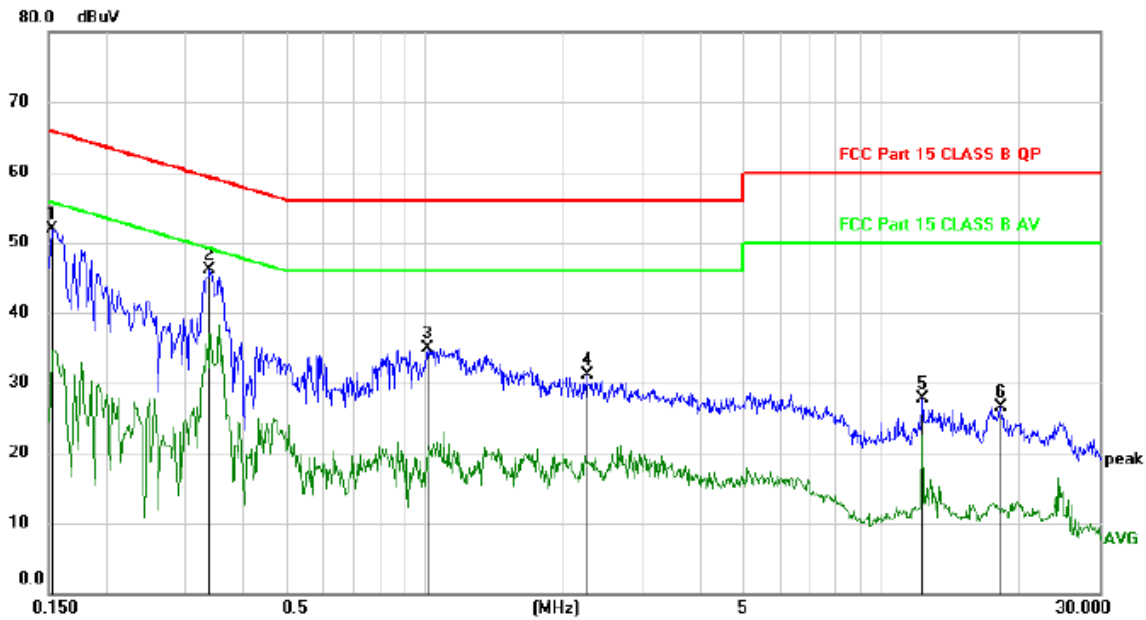


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1620	37.88	9.93	47.81	65.36	-17.55	peak	
2	*	0.4410	32.00	9.95	41.95	57.04	-15.09	peak	
3		1.0200	26.29	9.92	36.21	56.00	-19.79	peak	
4		5.5049	22.00	10.06	32.06	60.00	-27.94	peak	
5		12.2880	20.26	10.26	30.52	60.00	-29.48	peak	
6		18.2970	14.40	10.42	24.82	60.00	-35.18	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:



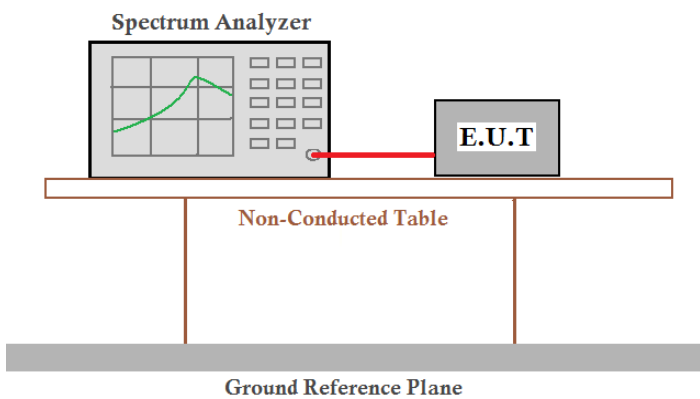
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1529	42.02	9.94	51.96	65.84	-13.88	peak	
2	*	0.3390	36.13	9.94	46.07	59.23	-13.16	peak	
3		1.0200	25.02	9.92	34.94	56.00	-21.06	peak	
4		2.2618	21.14	9.90	31.04	56.00	-24.96	peak	
5		12.2880	17.49	10.26	27.75	60.00	-32.25	peak	
6		18.2970	16.13	10.42	26.55	60.00	-33.45	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

Note: All modes and channels have been tested and only the A 5240MHz mode with the worst data is listed.

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:	N/A
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 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

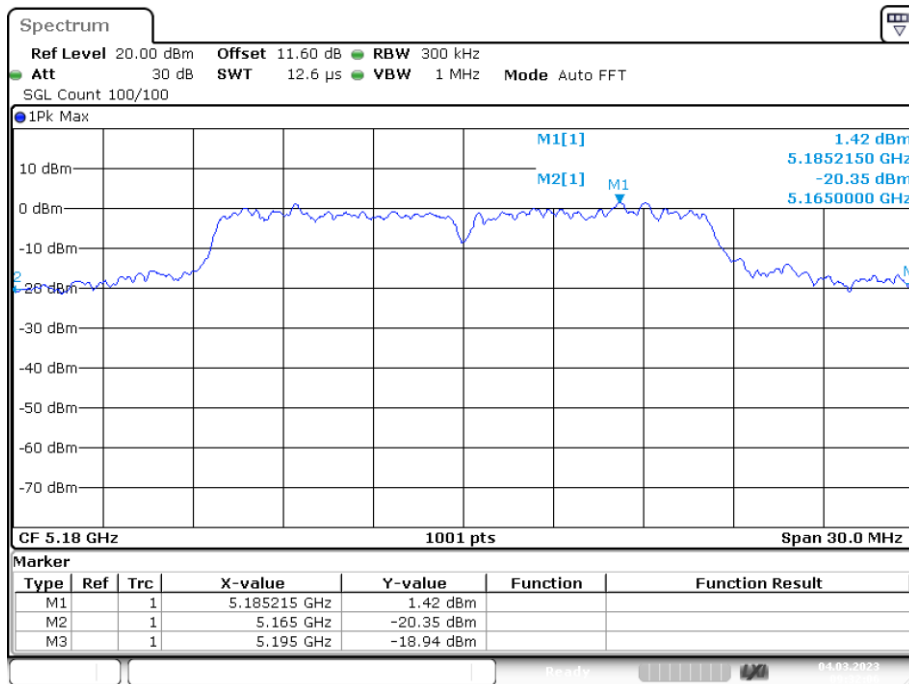
Measurement Data:

Band 1 (5150-5250 MHz):

-26dB Bandwidth

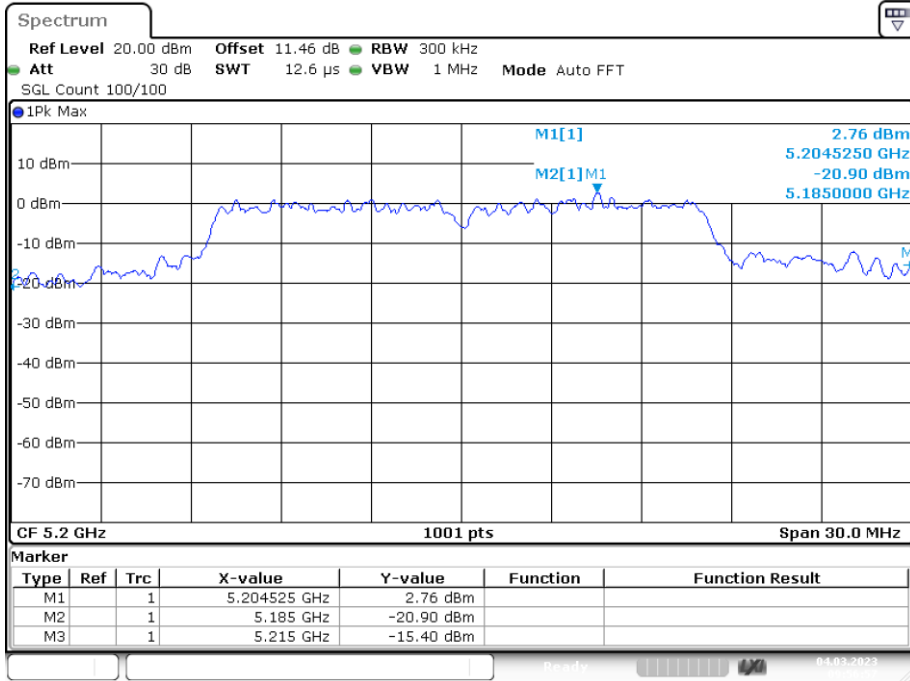
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	30	0.5	Pass
NVNT	a	5200	Ant1	30	0.5	Pass
NVNT	a	5240	Ant1	30	0.5	Pass
NVNT	ac20	5180	Ant1	30	0.5	Pass
NVNT	ac20	5200	Ant1	30	0.5	Pass
NVNT	ac20	5240	Ant1	30	0.5	Pass
NVNT	ac40	5190	Ant1	60	0.5	Pass
NVNT	ac40	5230	Ant1	60	0.5	Pass
NVNT	ac80	5210	Ant1	102.72	0.5	Pass
NVNT	n20	5180	Ant1	30	0.5	Pass
NVNT	n20	5200	Ant1	30	0.5	Pass
NVNT	n20	5240	Ant1	30	0.5	Pass
NVNT	n40	5190	Ant1	59.82	0.5	Pass
NVNT	n40	5230	Ant1	60	0.5	Pass

-26dB Bandwidth NVNT a 5180MHz Ant1



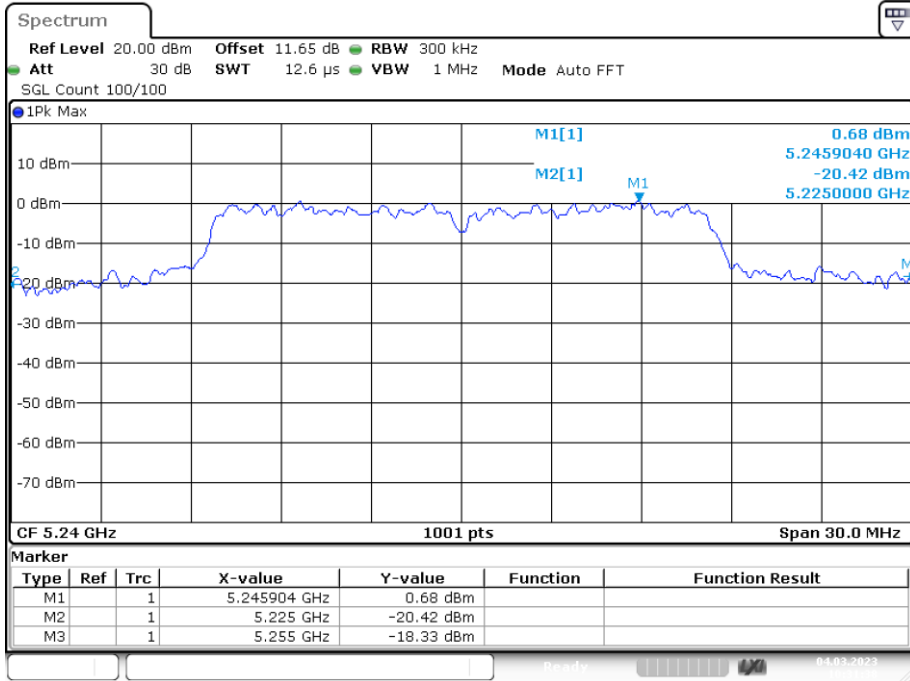
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-26dB Bandwidth NVNT a 5200MHz Ant1



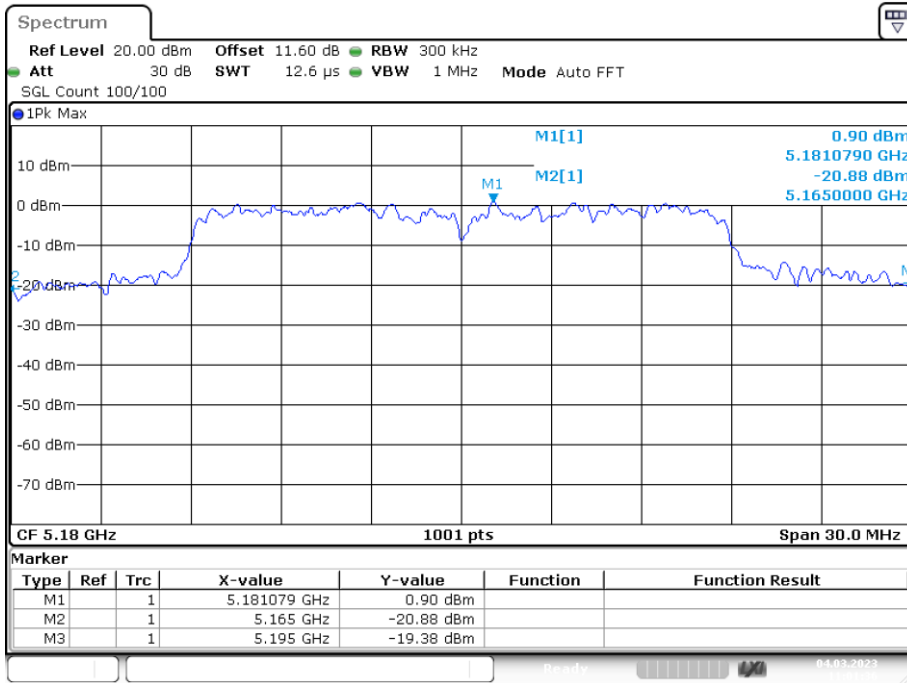
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-26dB Bandwidth NVNT a 5240MHz Ant1



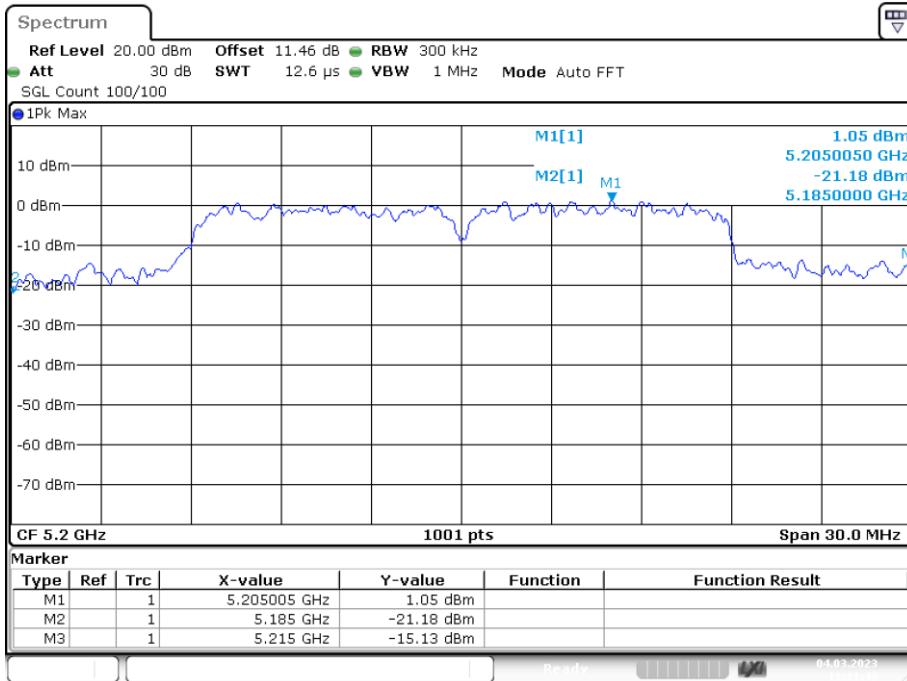
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-26dB Bandwidth NVNT ac20 5180MHz Ant1



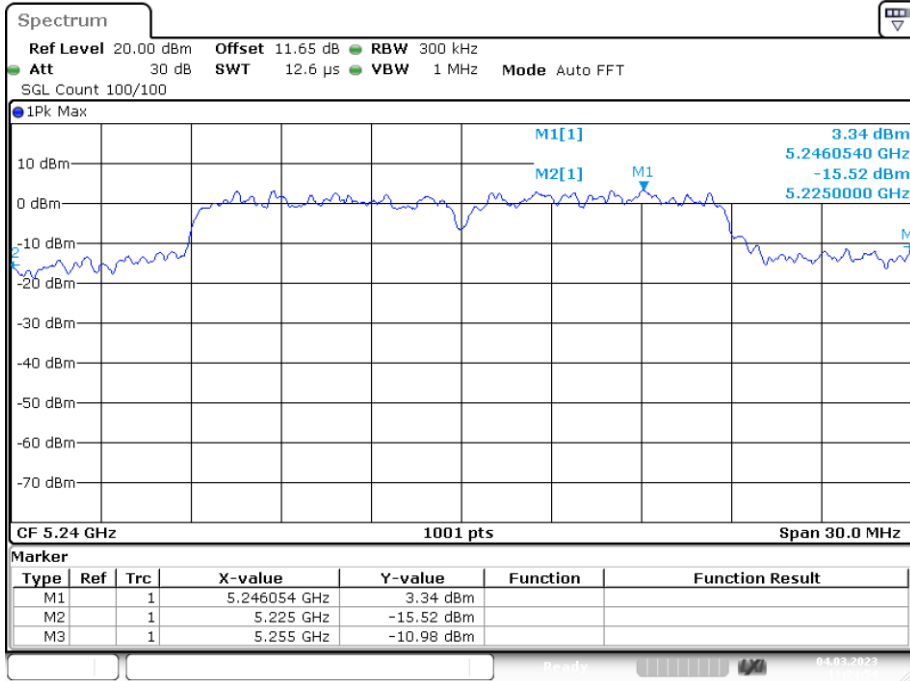
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-26dB Bandwidth NVNT ac20 5200MHz Ant1



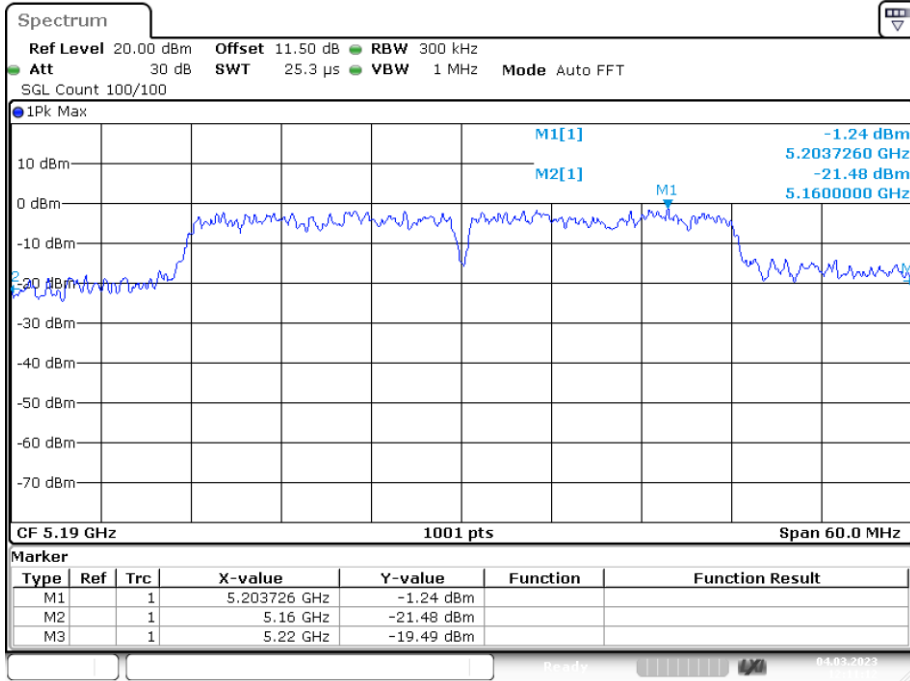
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-26dB Bandwidth NVNT ac20 5240MHz Ant1



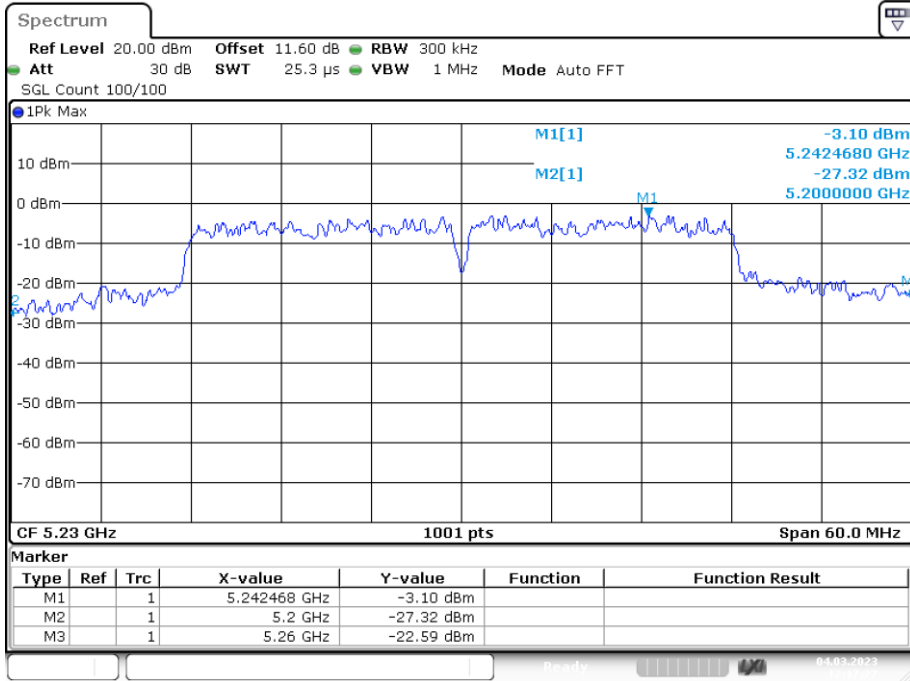
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-26dB Bandwidth NVNT ac40 5190MHz Ant1



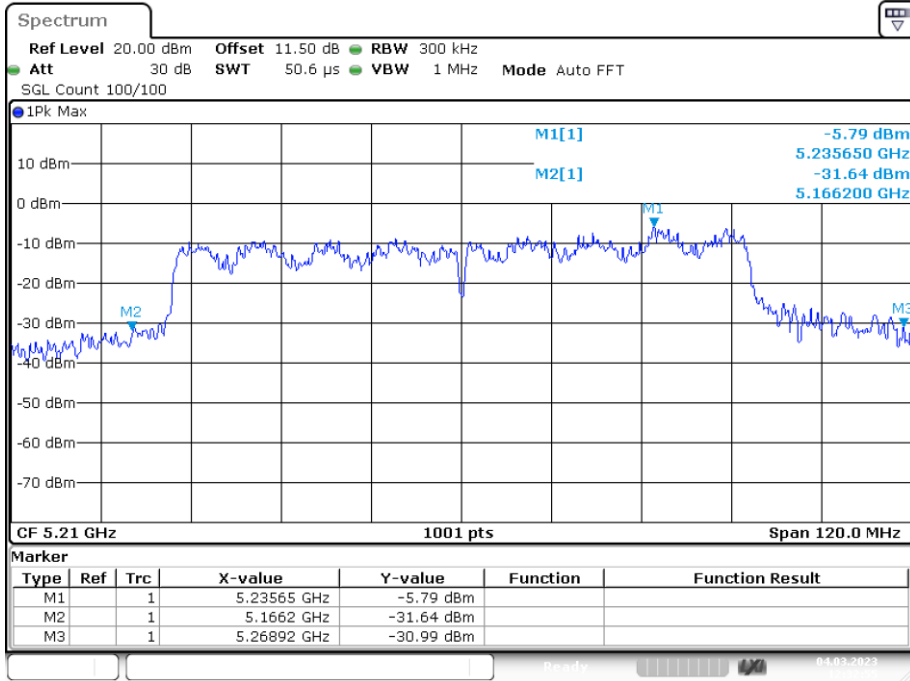
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



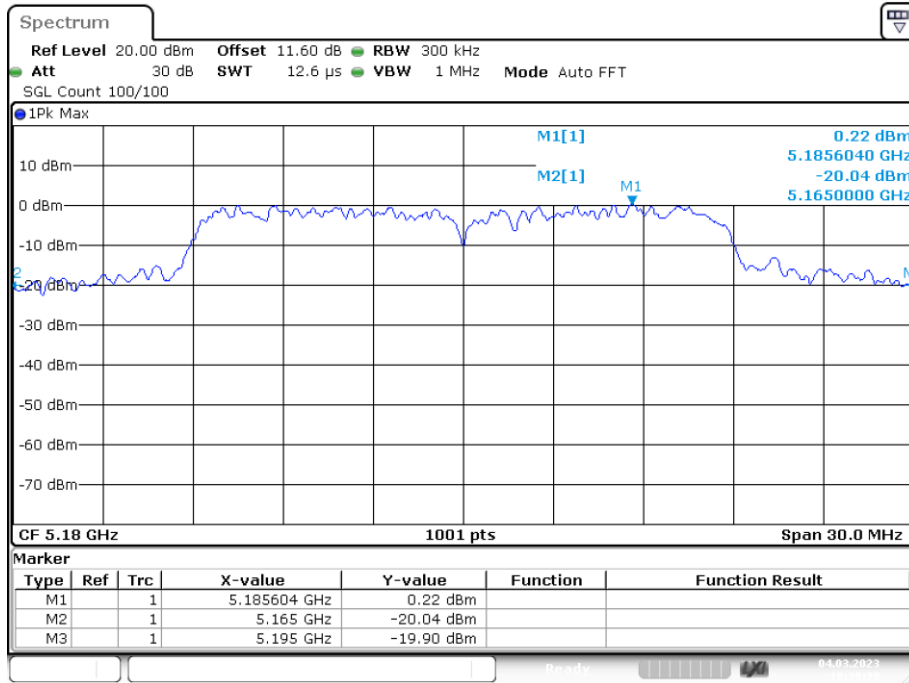
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-26dB Bandwidth NVNT ac80 5210MHz Ant1

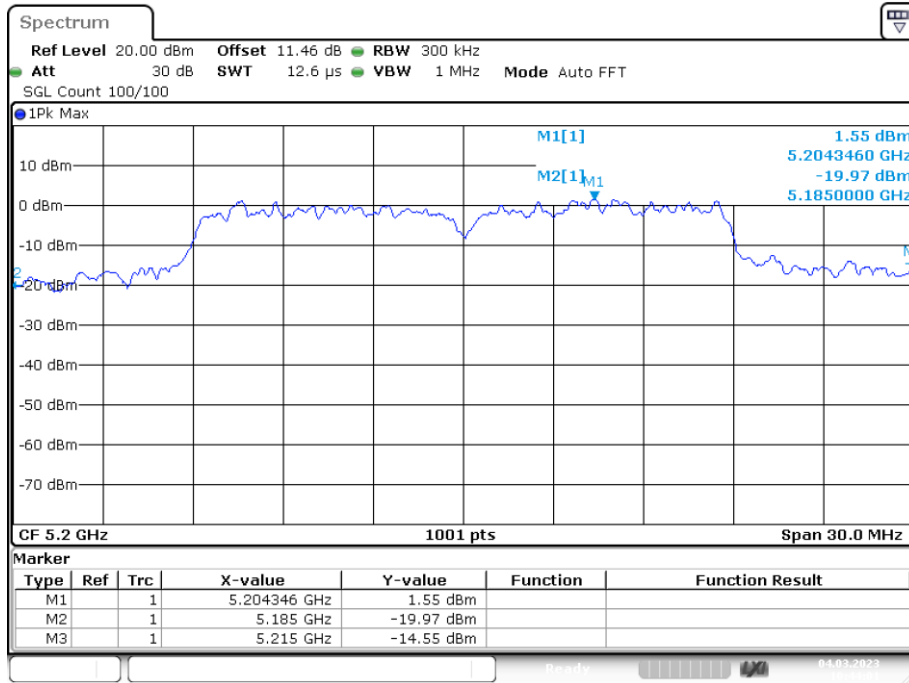


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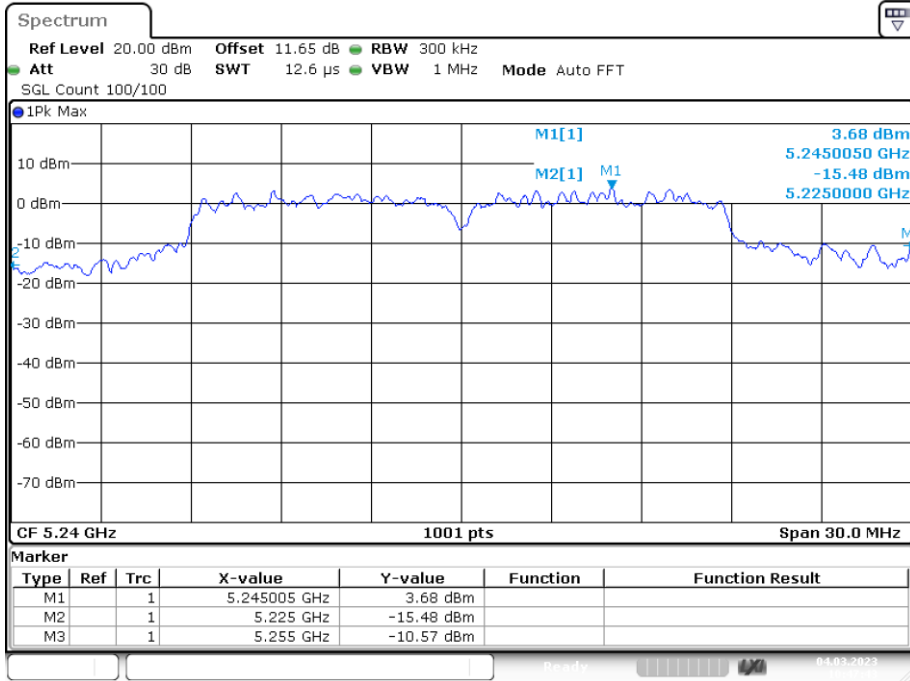
-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1

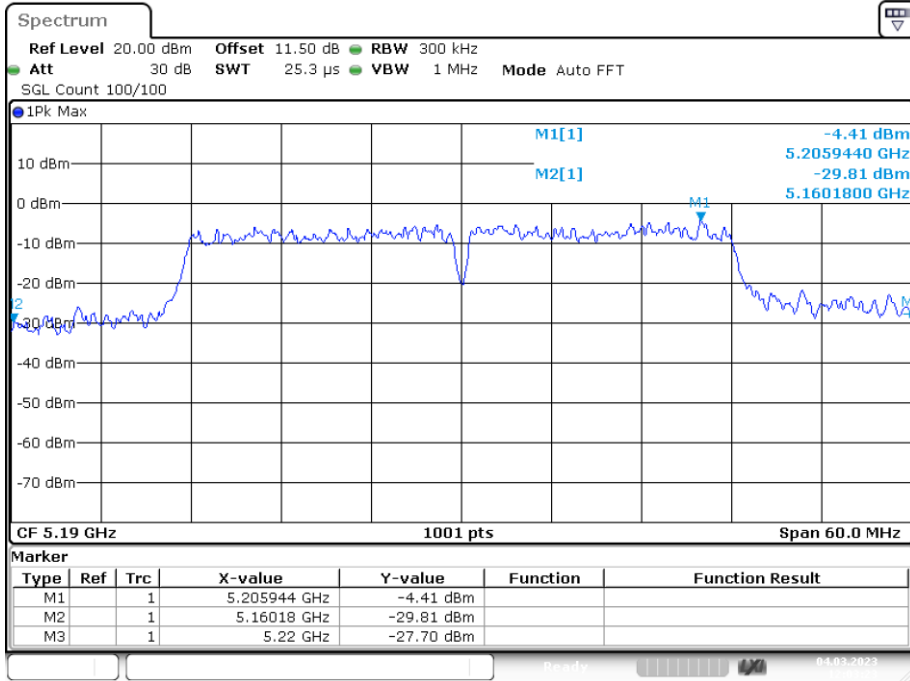


-26dB Bandwidth NVNT n20 5240MHz Ant1



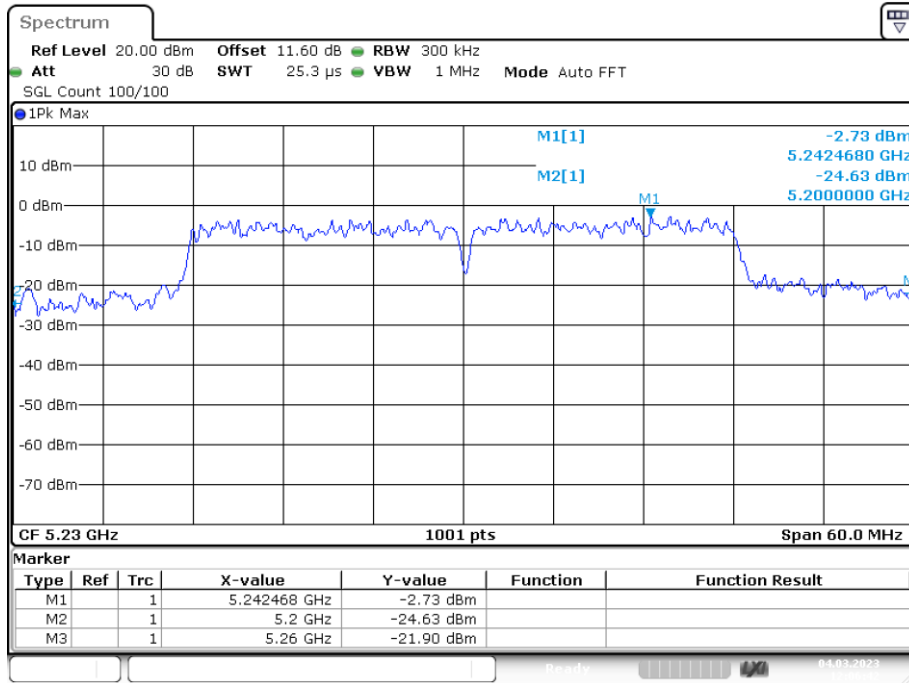
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-26dB Bandwidth NVNT n40 5190MHz Ant1



Date: 4.MAR.2023 12:03:23

-26dB Bandwidth NVNT n40 5230MHz Ant1

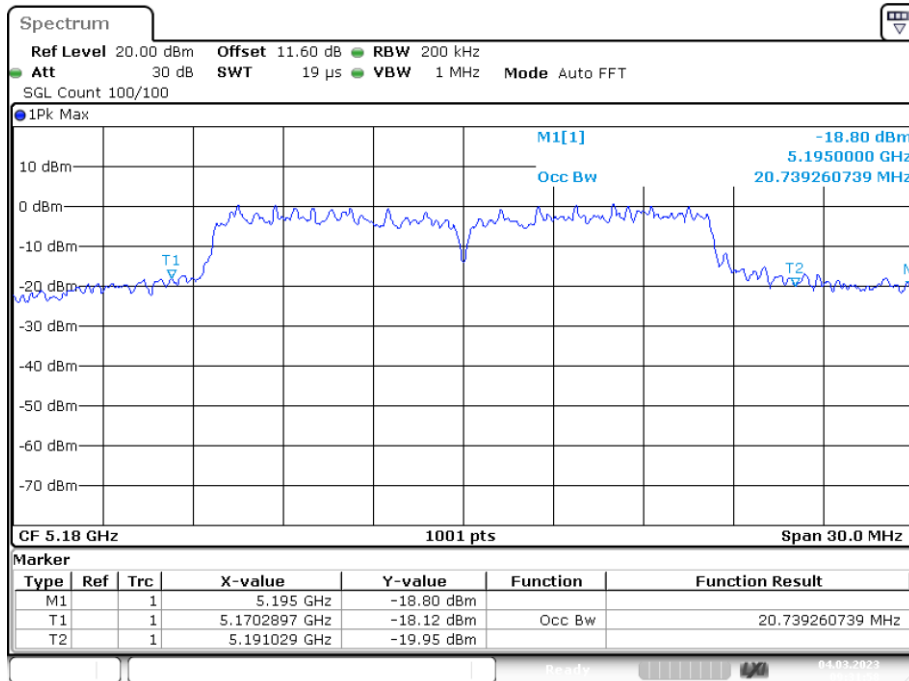


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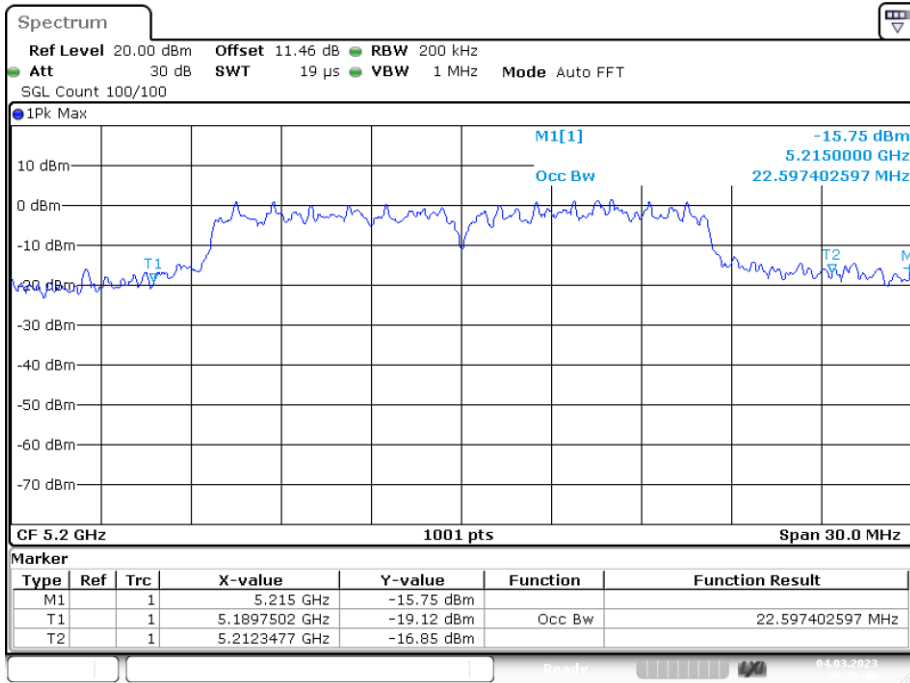
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	20.739
NVNT	a	5200	Ant1	22.597
NVNT	a	5240	Ant1	20.799
NVNT	ac20	5180	Ant1	21.219
NVNT	ac20	5200	Ant1	23.107
NVNT	ac20	5240	Ant1	23.497
NVNT	ac40	5190	Ant1	46.334
NVNT	ac40	5230	Ant1	42.138
NVNT	ac80	5210	Ant1	76.484
NVNT	n20	5180	Ant1	21.369
NVNT	n20	5200	Ant1	21.998
NVNT	n20	5240	Ant1	23.526
NVNT	n40	5190	Ant1	39.5
NVNT	n40	5230	Ant1	42.977

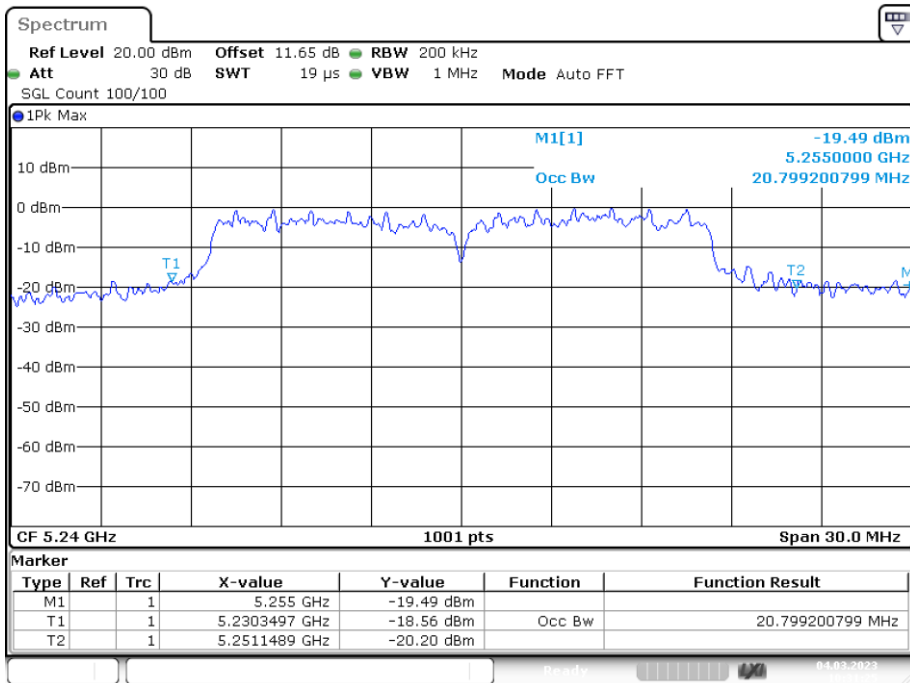
OBW NVNT a 5180MHz Ant1



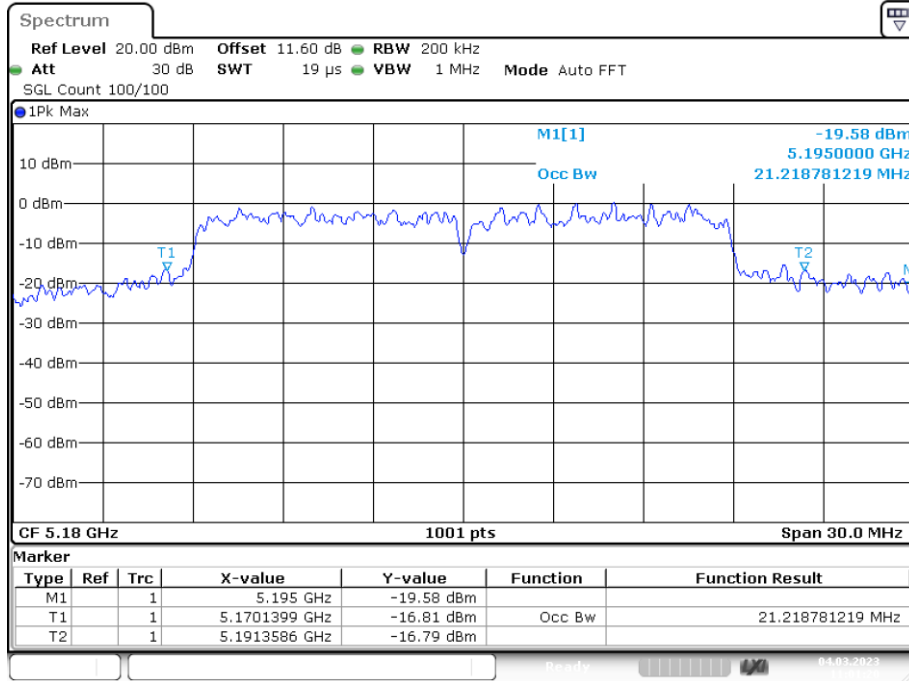
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1

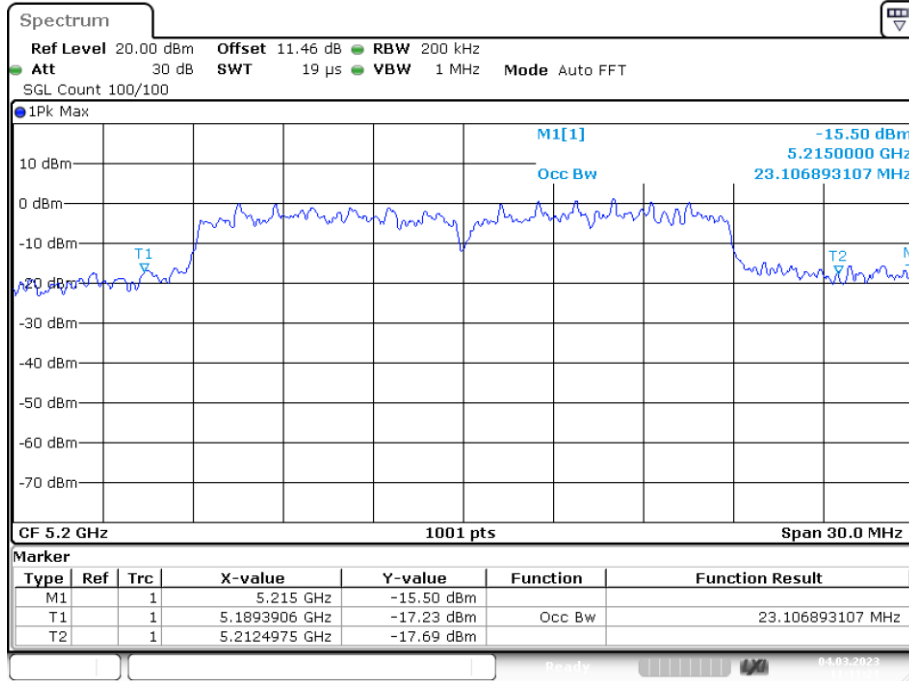


OBW NVNT ac20 5180MHz Ant1



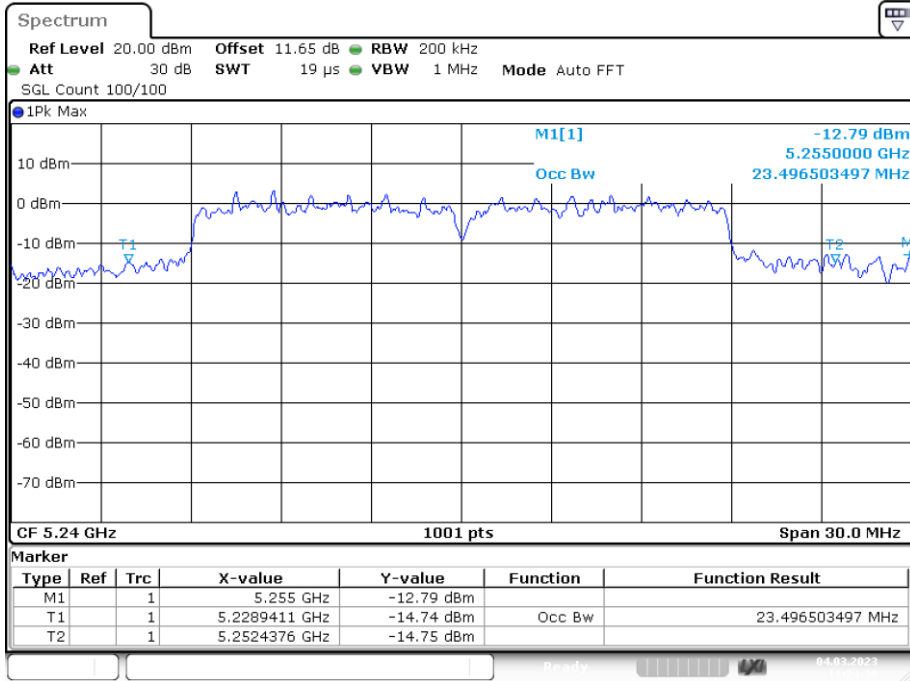
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OBW NVNT ac20 5200MHz Ant1



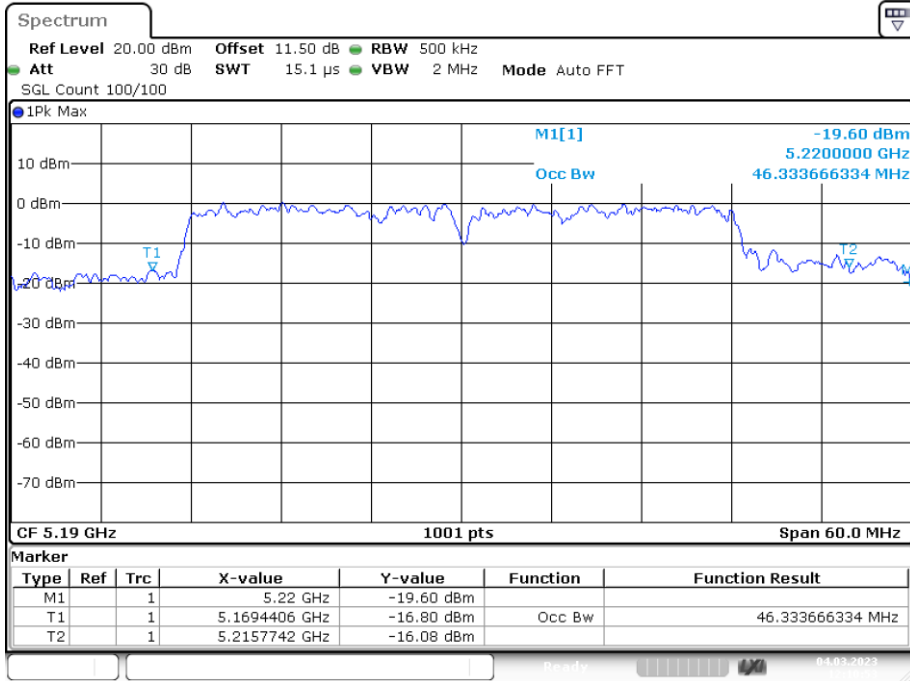
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OBW NVNT ac20 5240MHz Ant1



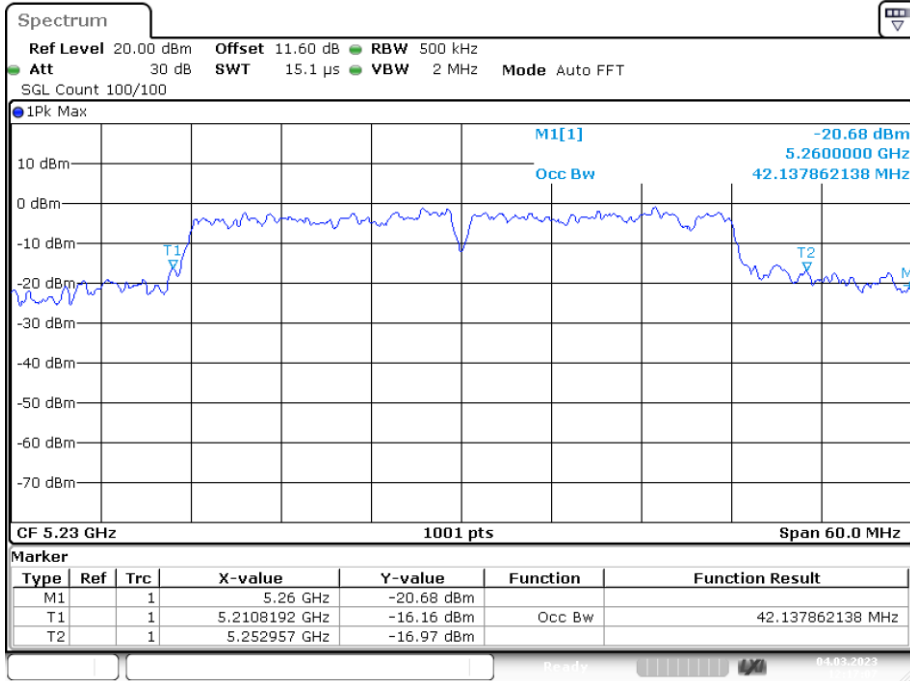
Date: 4.MAR.2023 11:24:38

OBW NVNT ac40 5190MHz Ant1



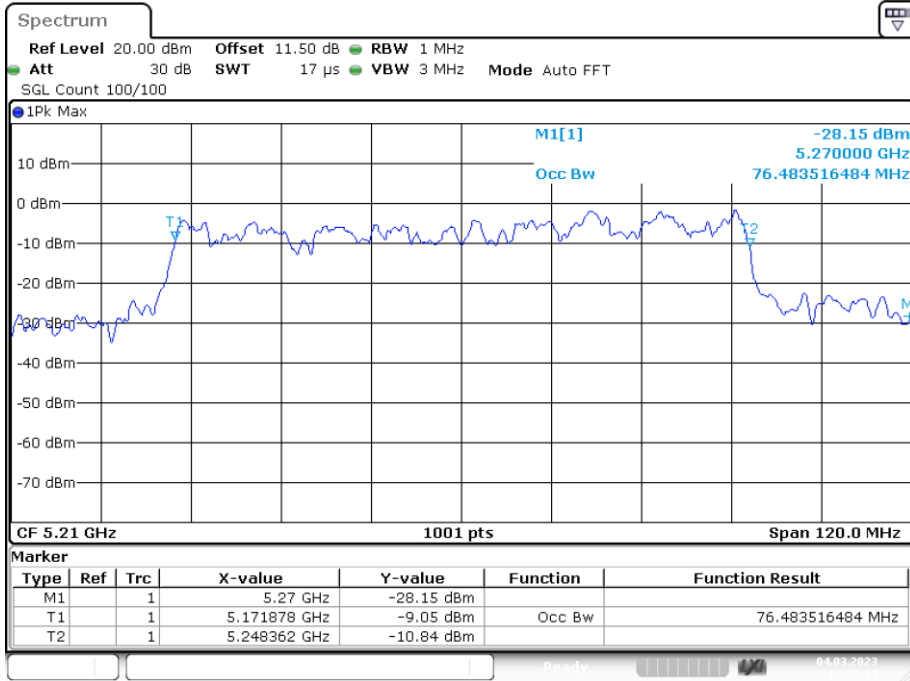
Date: 4.MAR.2023 12:10:52

OBW NVNT ac40 5230MHz Ant1



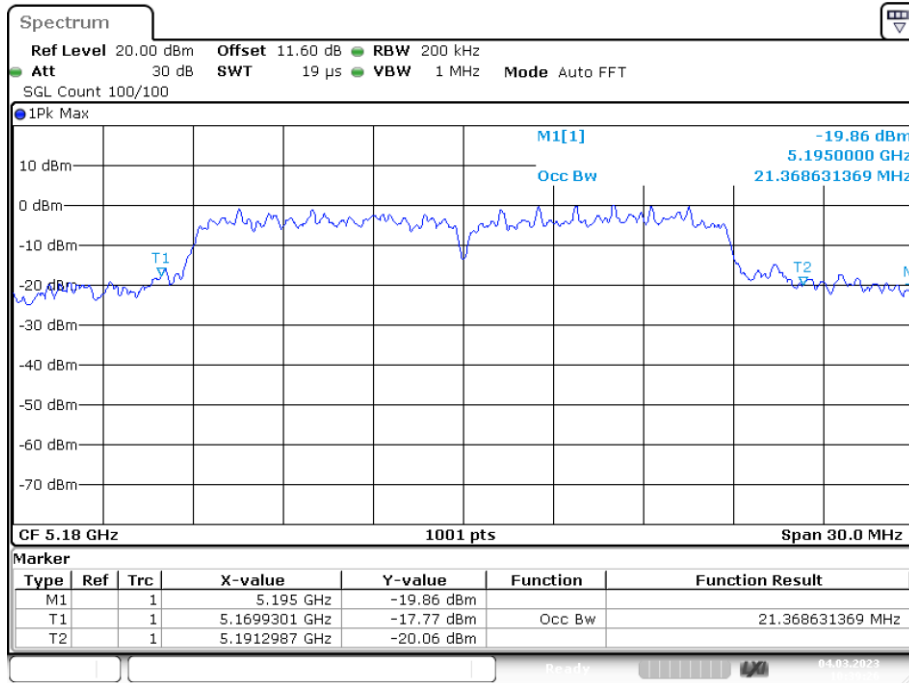
Date: 4.MAR.2023 12:17:07

OBW NVNT ac80 5210MHz Ant1



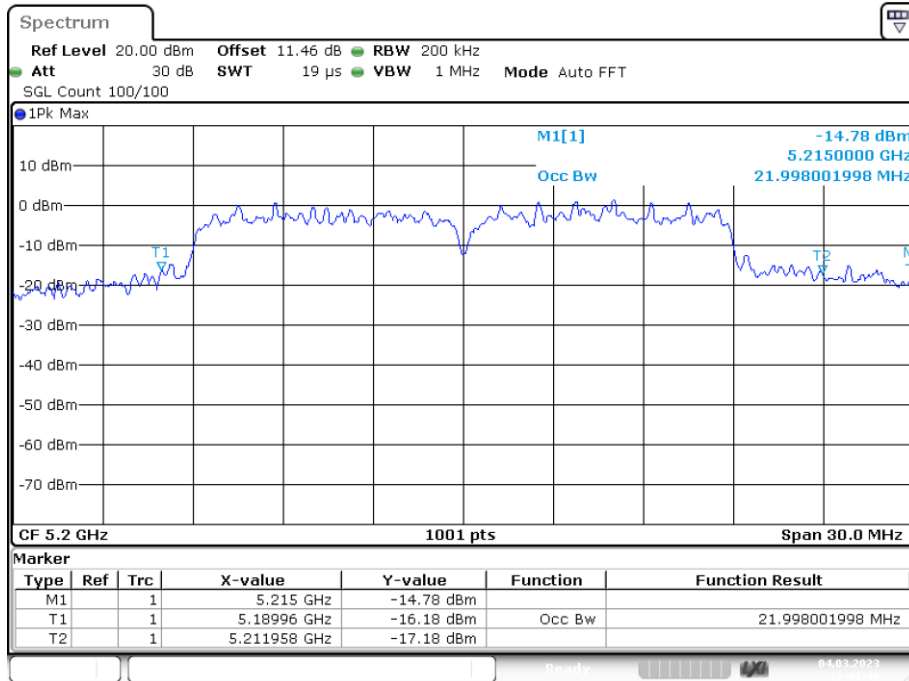
Date: 4.MAR.2023 12:32:33

OBW NVNT n20 5180MHz Ant1



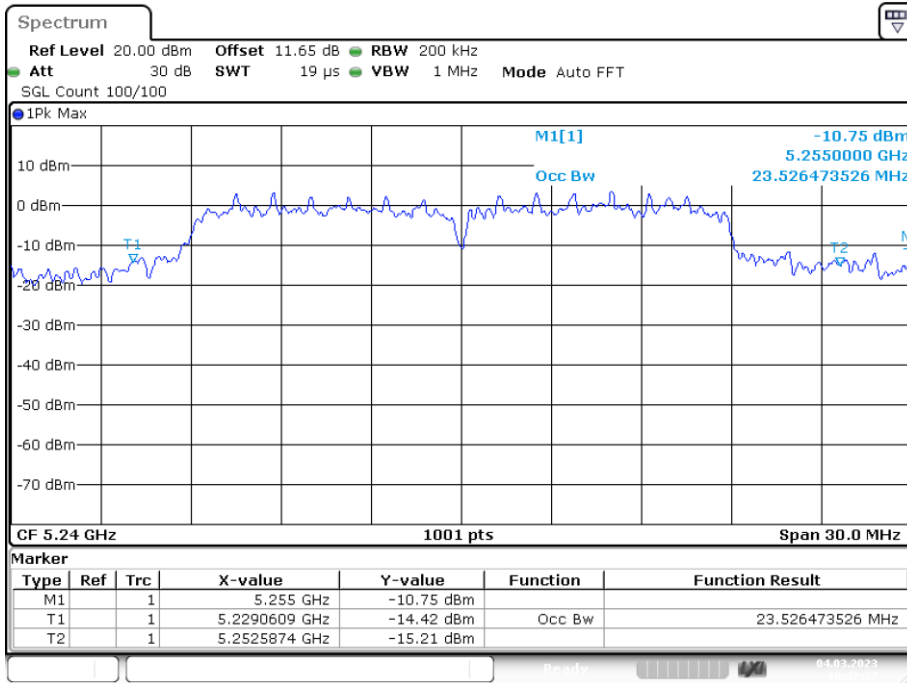
Date: 4.MAR.2023 10:39:26

OBW NVNT n20 5200MHz Ant1



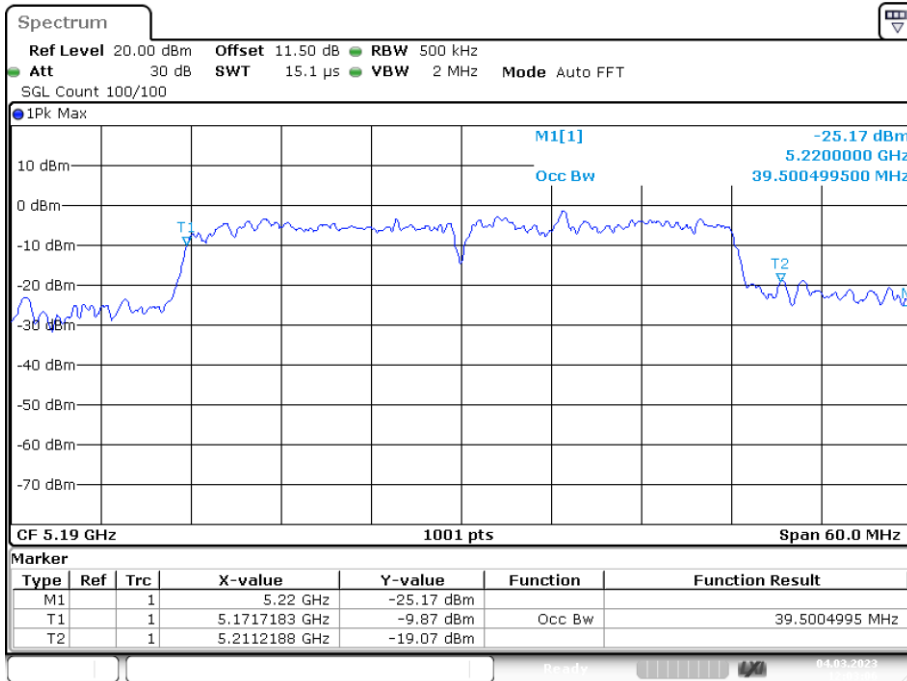
Date: 4.MAR.2023 10:43:47

OBW NVNT n20 5240MHz Ant1



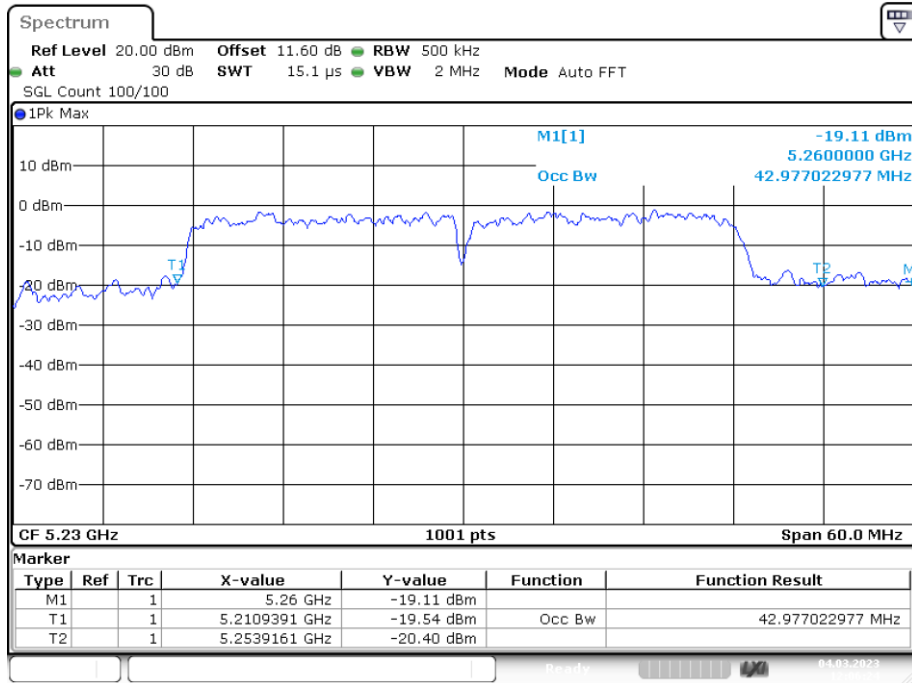
Date: 4.MAR.2023 10:47:26

OBW NVNT n40 5190MHz Ant1



Date: 4.MAR.2023 12:03:05

OBW NVNT n40 5230MHz Ant1

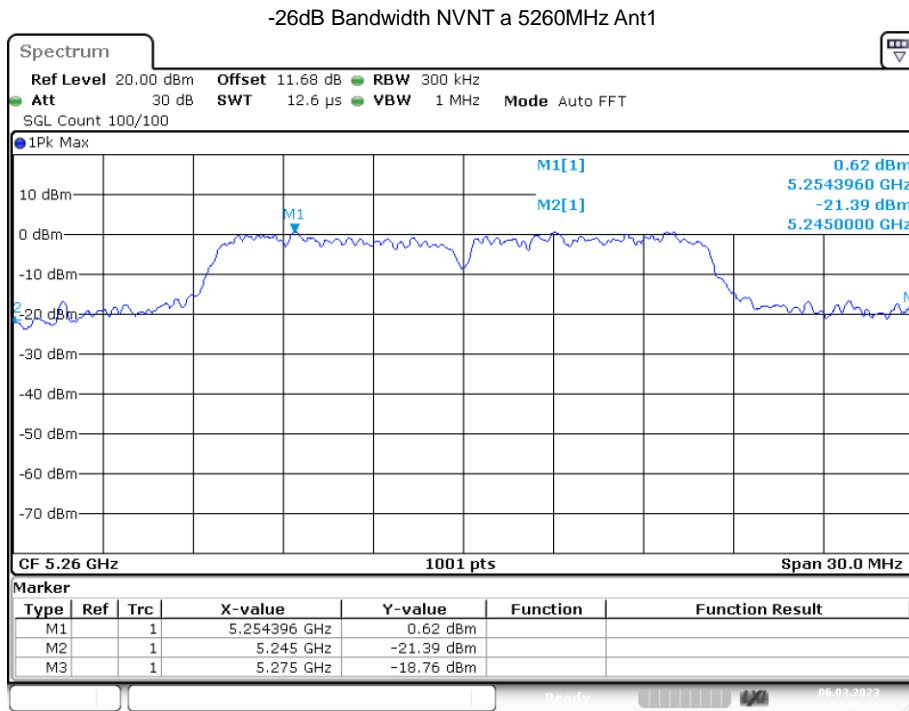


Date: 4.MAR.2023 12:06:25

Band 2 (5250-5350 MHz):

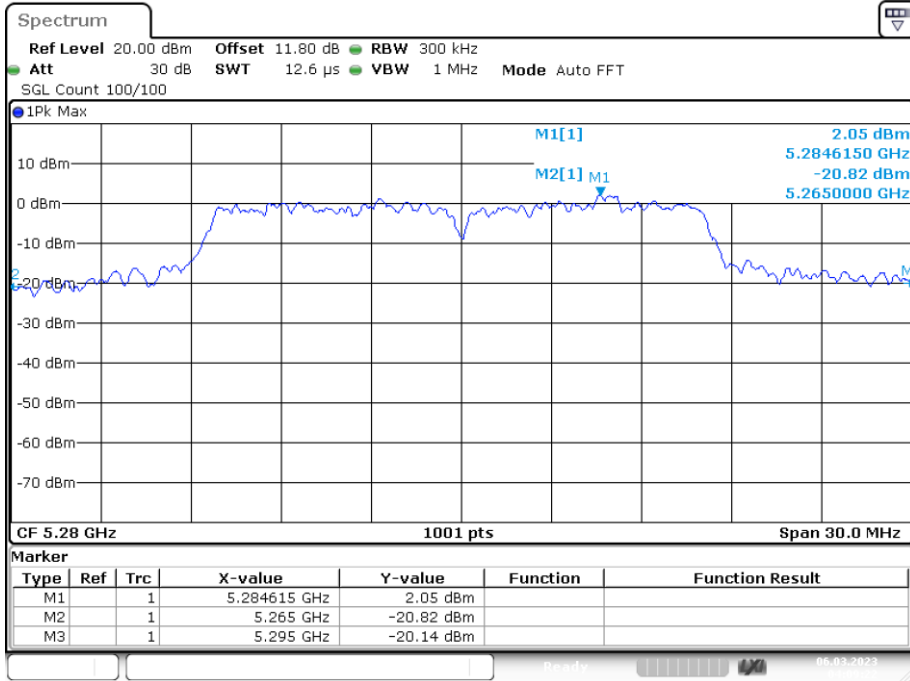
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	30	0.5	Pass
NVNT	a	5280	Ant1	30	0.5	Pass
NVNT	a	5320	Ant1	29.52	0.5	Pass
NVNT	ac20	5260	Ant1	30	0.5	Pass
NVNT	ac20	5280	Ant1	30	0.5	Pass
NVNT	ac20	5320	Ant1	29.73	0.5	Pass
NVNT	ac40	5270	Ant1	60	0.5	Pass
NVNT	ac40	5310	Ant1	59.04	0.5	Pass
NVNT	ac80	5290	Ant1	99.6	0.5	Pass
NVNT	n20	5260	Ant1	30	0.5	Pass
NVNT	n20	5280	Ant1	30	0.5	Pass
NVNT	n20	5320	Ant1	30	0.5	Pass
NVNT	n40	5270	Ant1	60	0.5	Pass
NVNT	n40	5310	Ant1	58.92	0.5	Pass



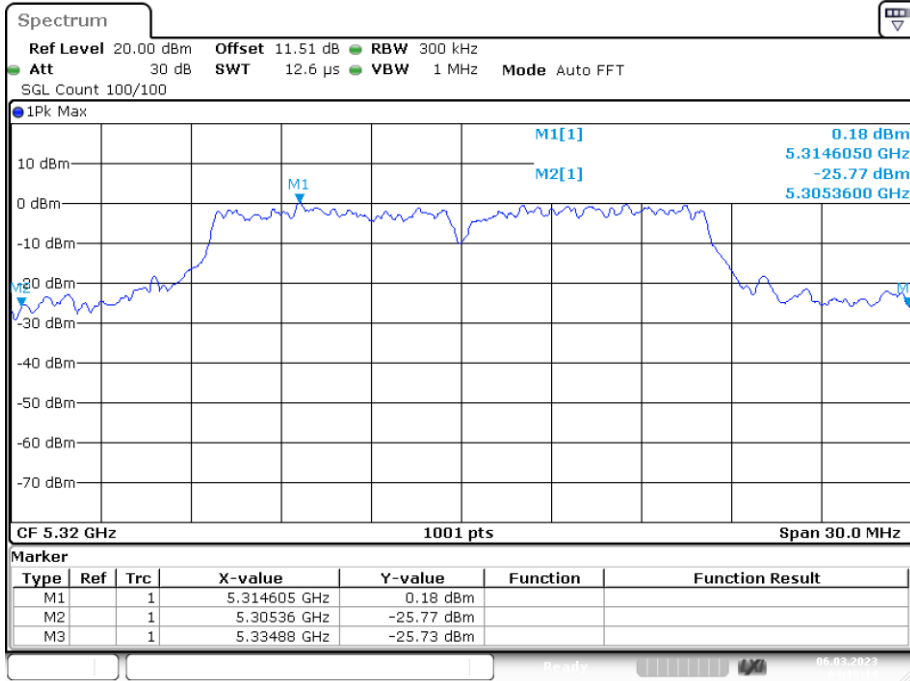
Date: 6.MAR.2023 04:06:11

-26dB Bandwidth NVNT a 5280MHz Ant1



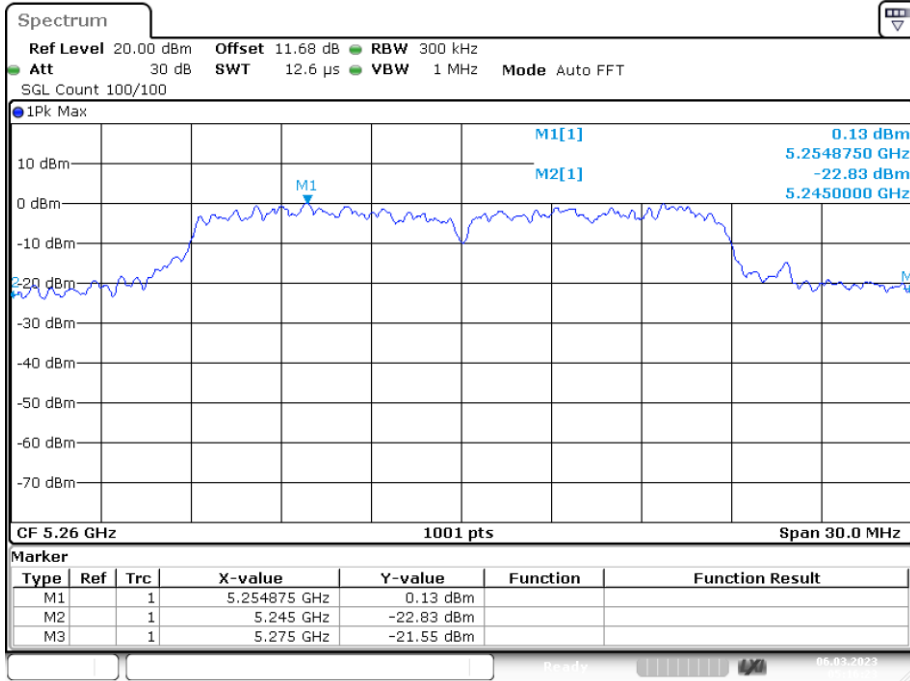
Date: 6.MAR.2023 04:09:21

-26dB Bandwidth NVNT a 5320MHz Ant1



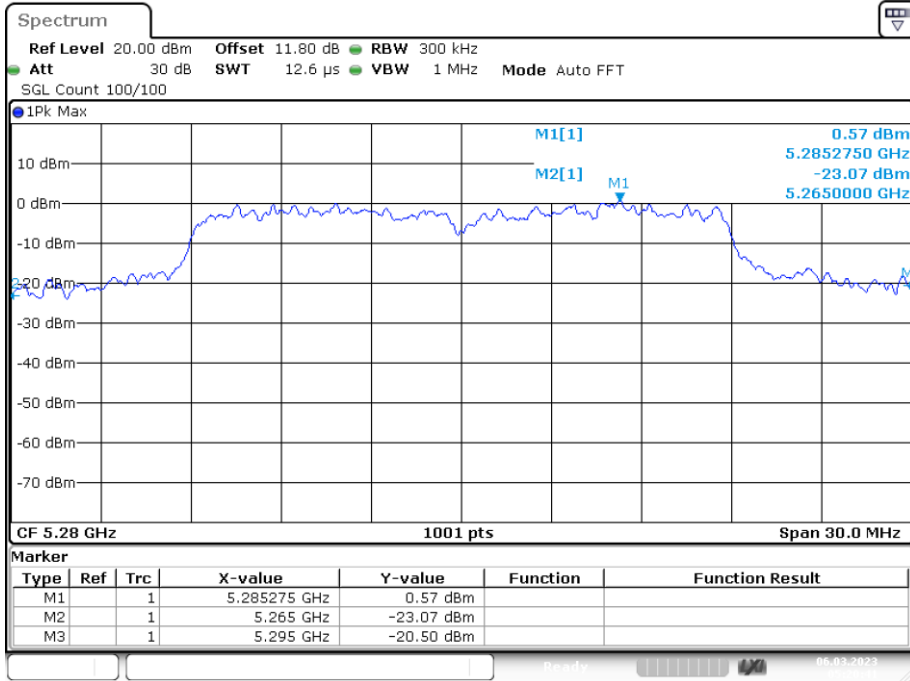
Date: 6.MAR.2023 04:18:14

-26dB Bandwidth NVNT ac20 5260MHz Ant1



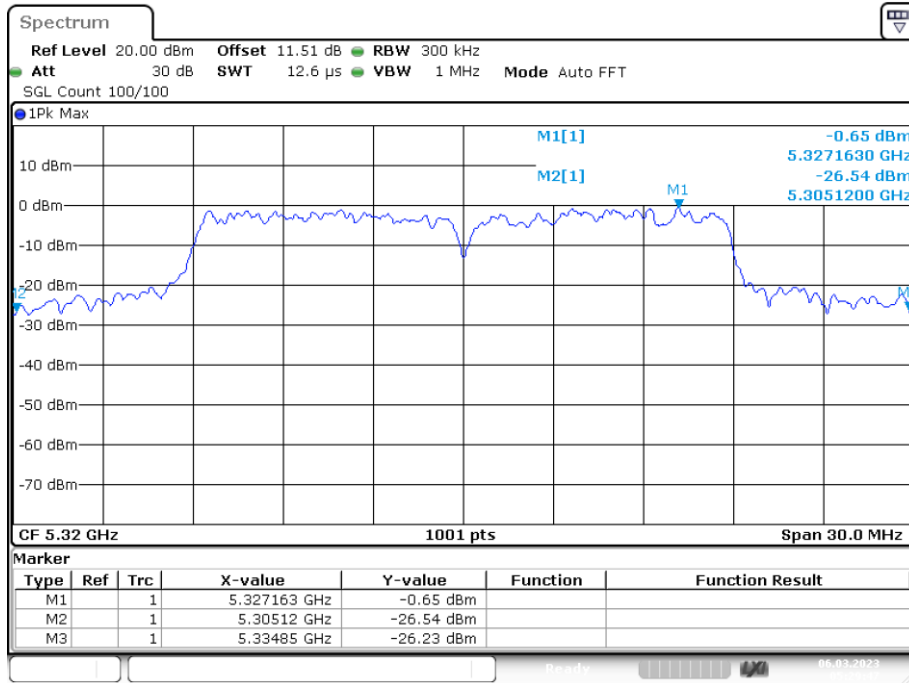
Date: 6.MAR.2023 05:16:22

-26dB Bandwidth NVNT ac20 5280MHz Ant1

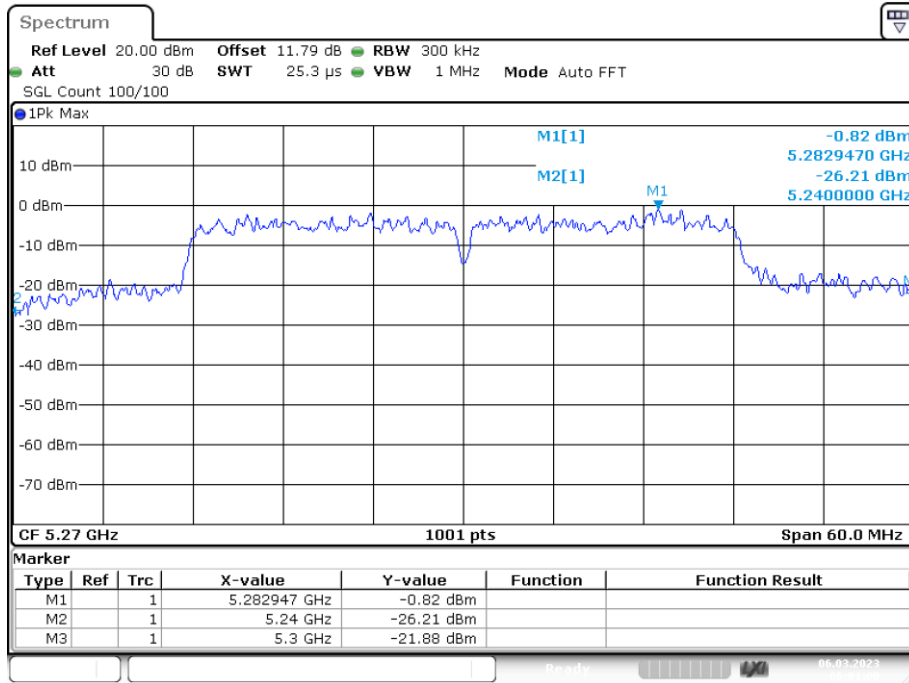


Date: 6.MAR.2023 05:20:41

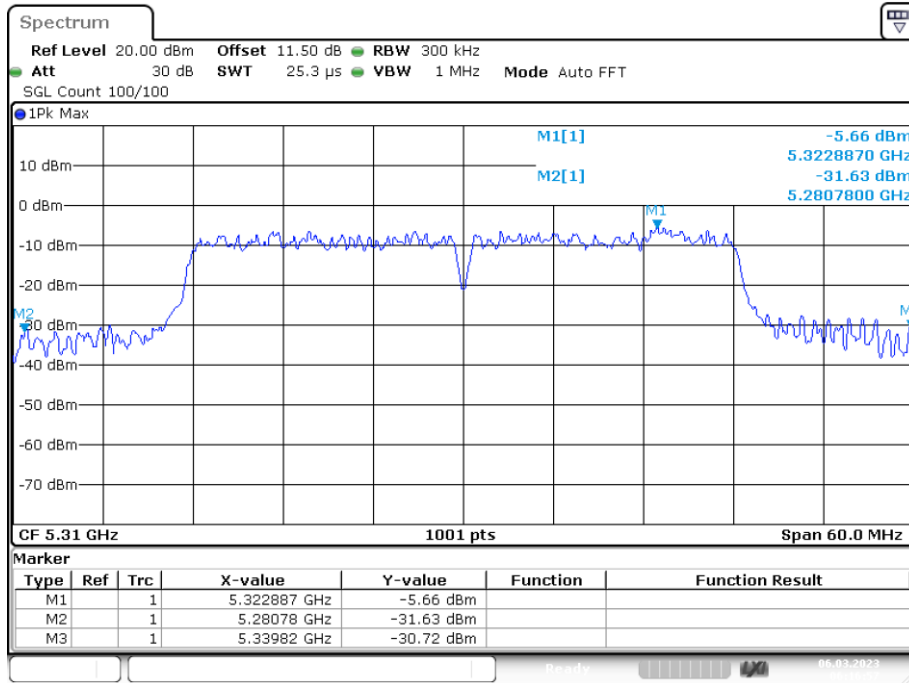
-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1

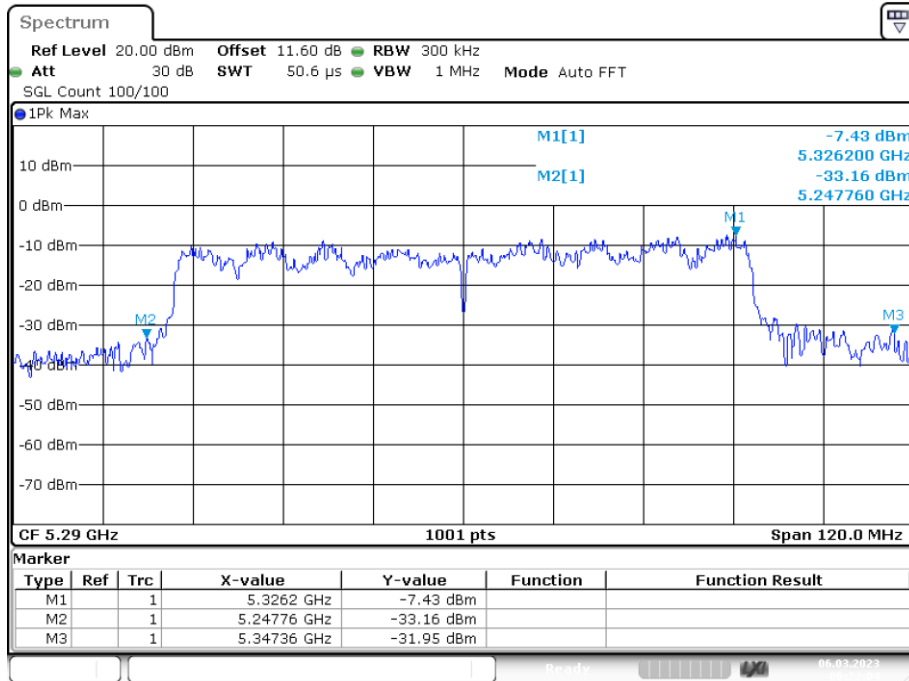


-26dB Bandwidth NVNT ac40 5310MHz Ant1



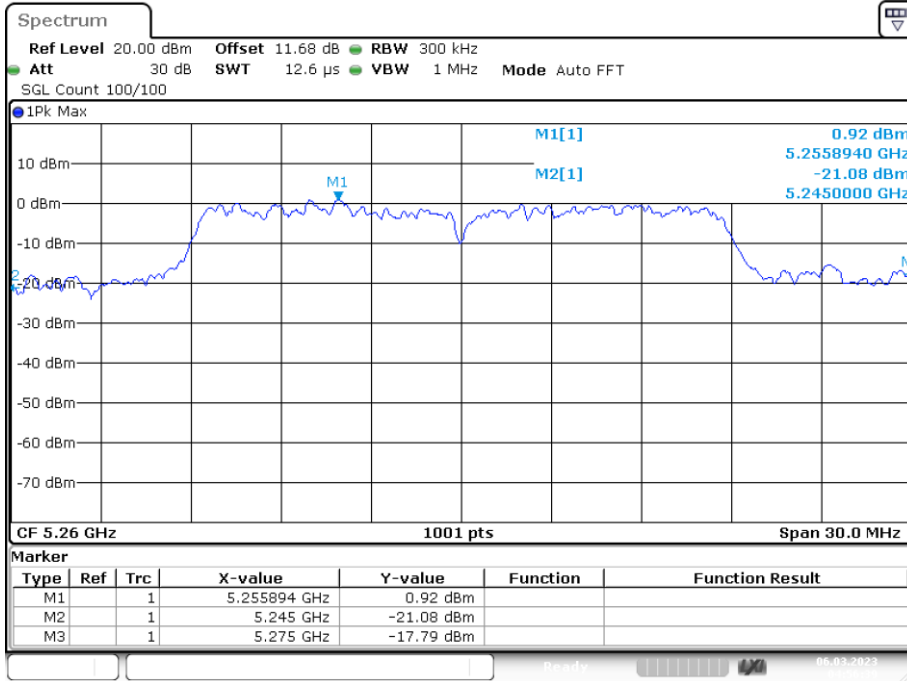
Date: 6.MAR.2023 06:16:56

-26dB Bandwidth NVNT ac80 5290MHz Ant1

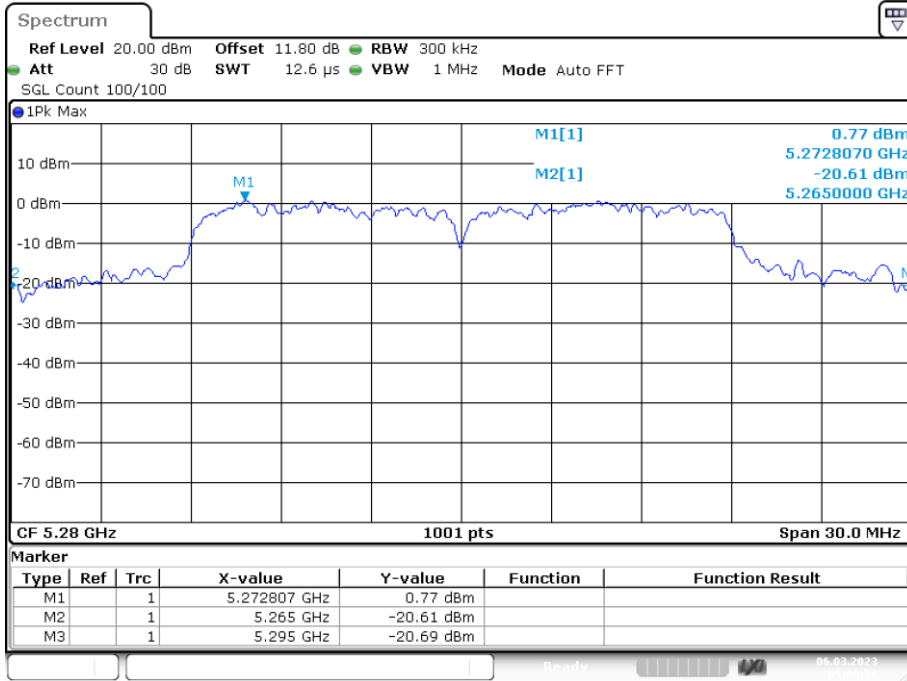


Date: 6.MAR.2023 06:23:03

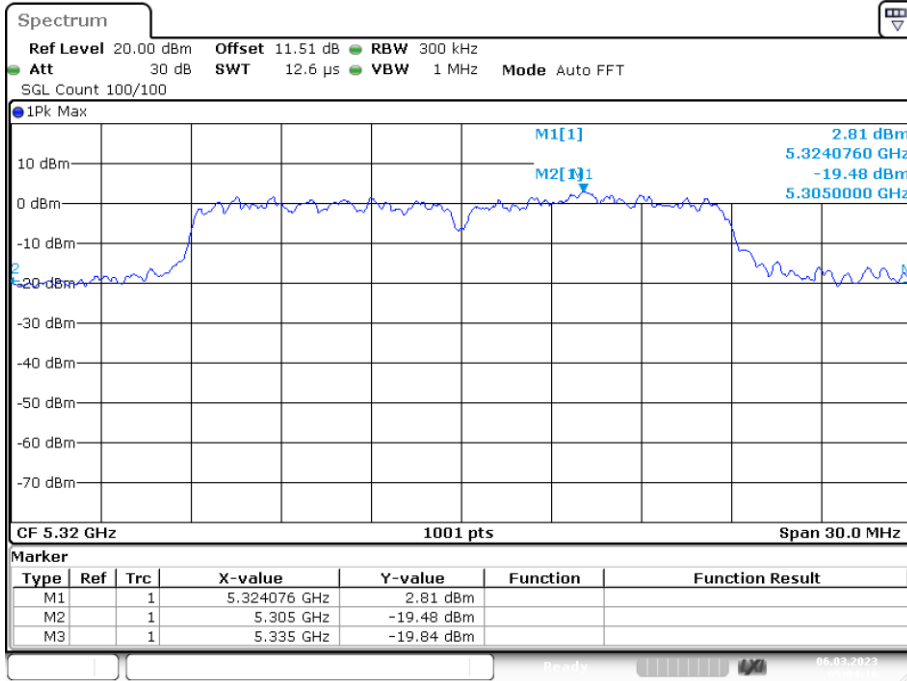
-26dB Bandwidth NVNT n20 5260MHz Ant1



-26dB Bandwidth NVNT n20 5280MHz Ant1

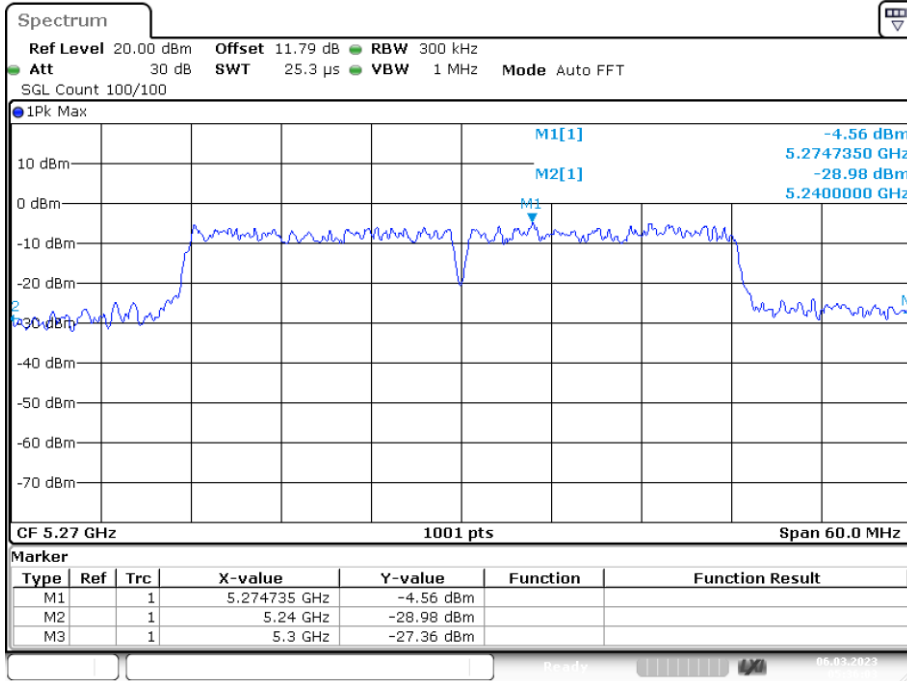


-26dB Bandwidth NVNT n20 5320MHz Ant1



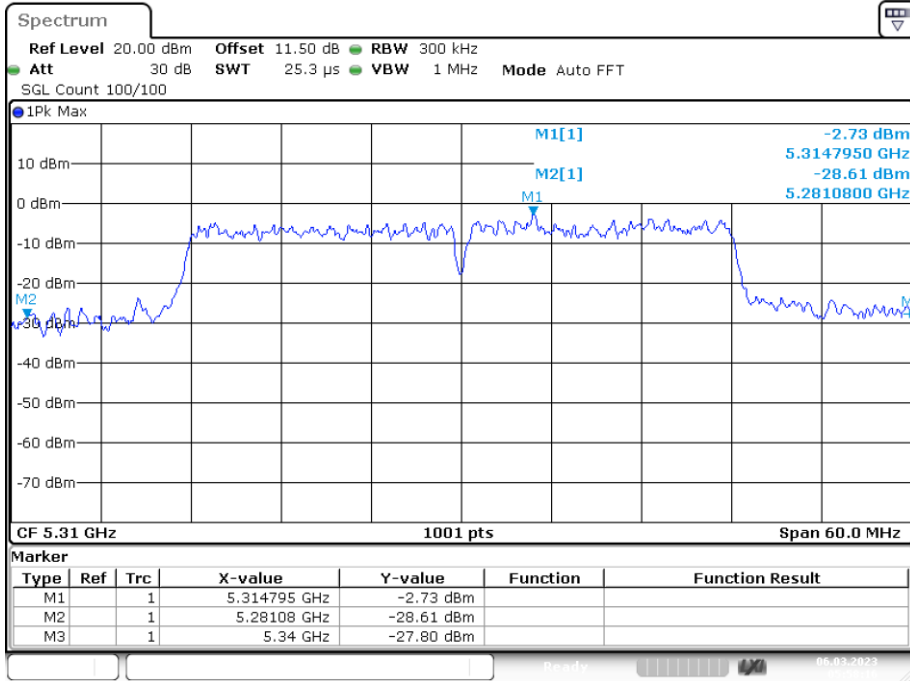
Date: 6.MAR.2023 05:04:16

-26dB Bandwidth NVNT n40 5270MHz Ant1



Date: 6.MAR.2023 05:36:03

-26dB Bandwidth NVNT n40 5310MHz Ant1

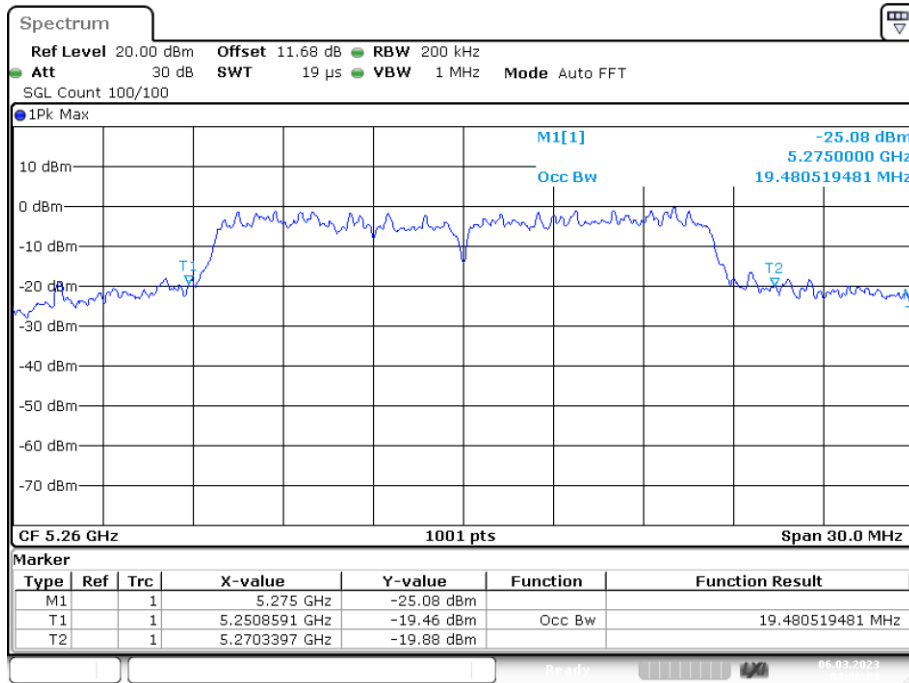


Date: 6.MAR.2023 05:58:17

Occupied Channel Bandwidth

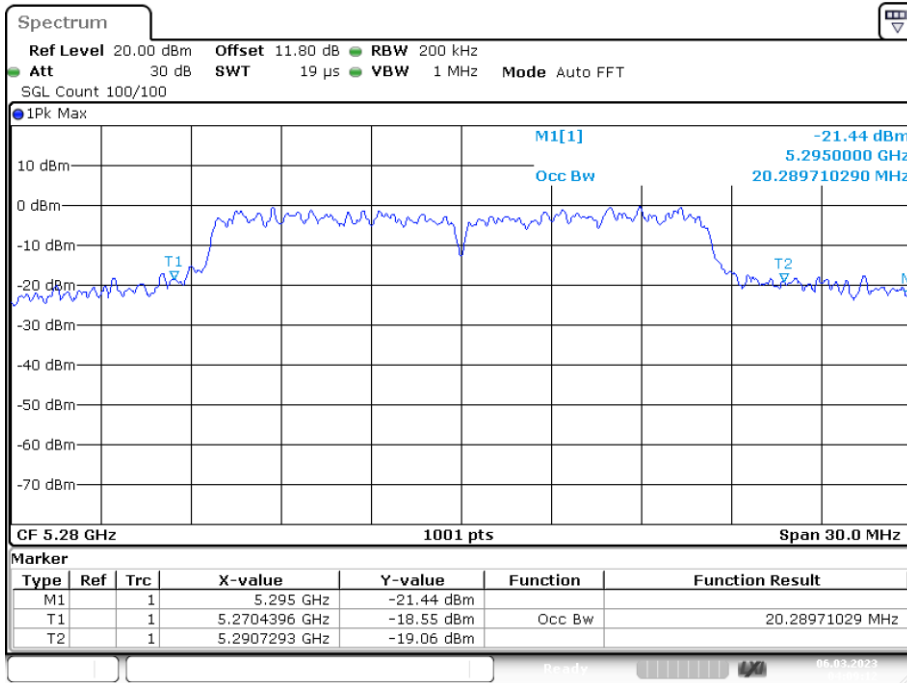
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	19.481
NVNT	a	5280	Ant1	20.29
NVNT	a	5320	Ant1	16.693
NVNT	ac20	5260	Ant1	20.2
NVNT	ac20	5280	Ant1	20.919
NVNT	ac20	5320	Ant1	17.802
NVNT	ac40	5270	Ant1	42.498
NVNT	ac40	5310	Ant1	36.803
NVNT	ac80	5290	Ant1	76.124
NVNT	n20	5260	Ant1	19.66
NVNT	n20	5280	Ant1	20.739
NVNT	n20	5320	Ant1	18.731
NVNT	n40	5270	Ant1	37.463
NVNT	n40	5310	Ant1	36.563

OBW NVNT a 5260MHz Ant1

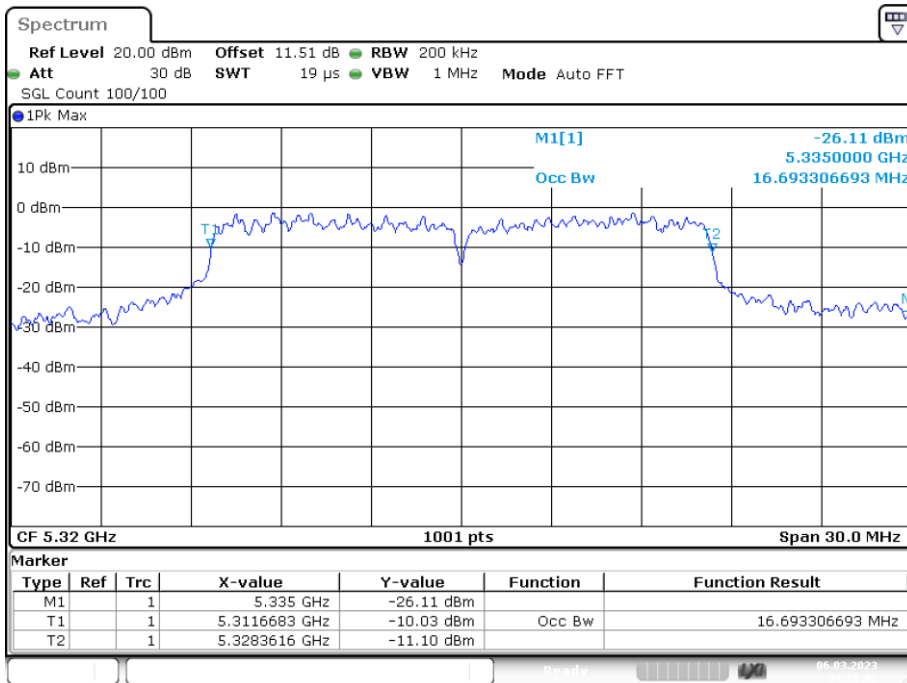


Date: 6.MAR.2023 04:06:02

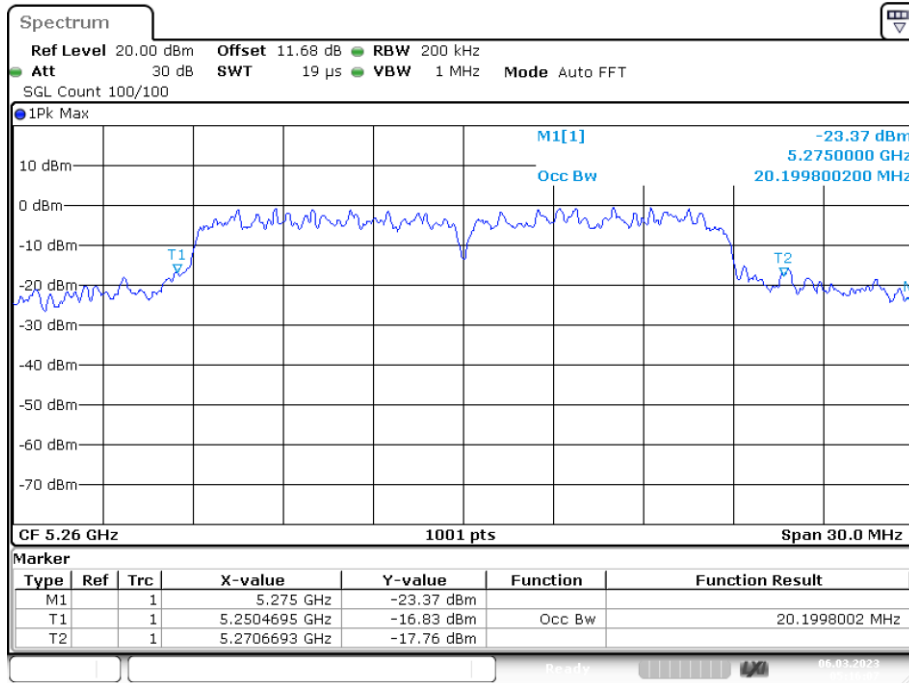
OBW NVNT a 5280MHz Ant1



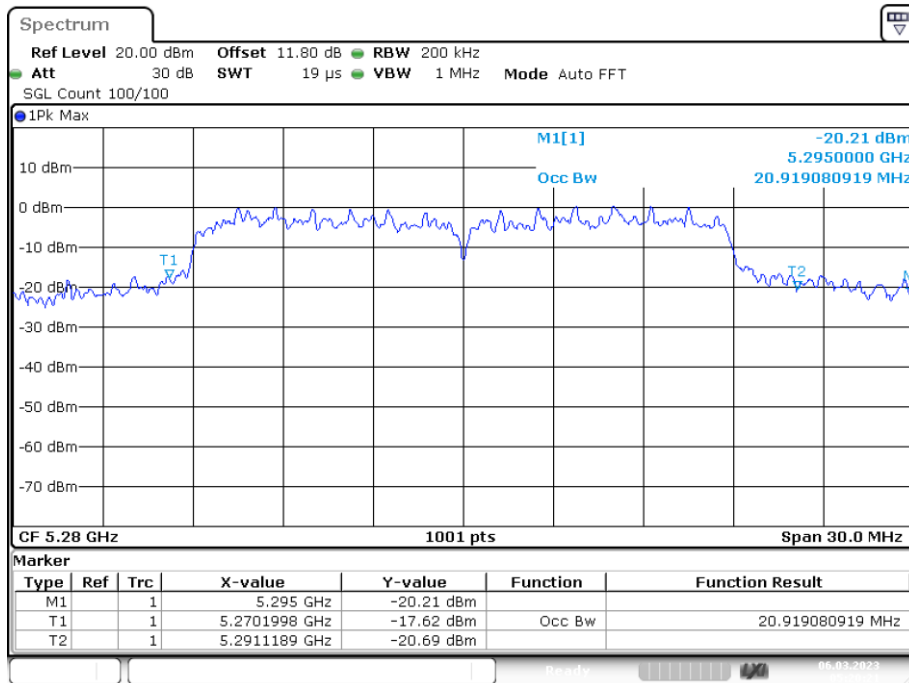
OBW NVNT a 5320MHz Ant1



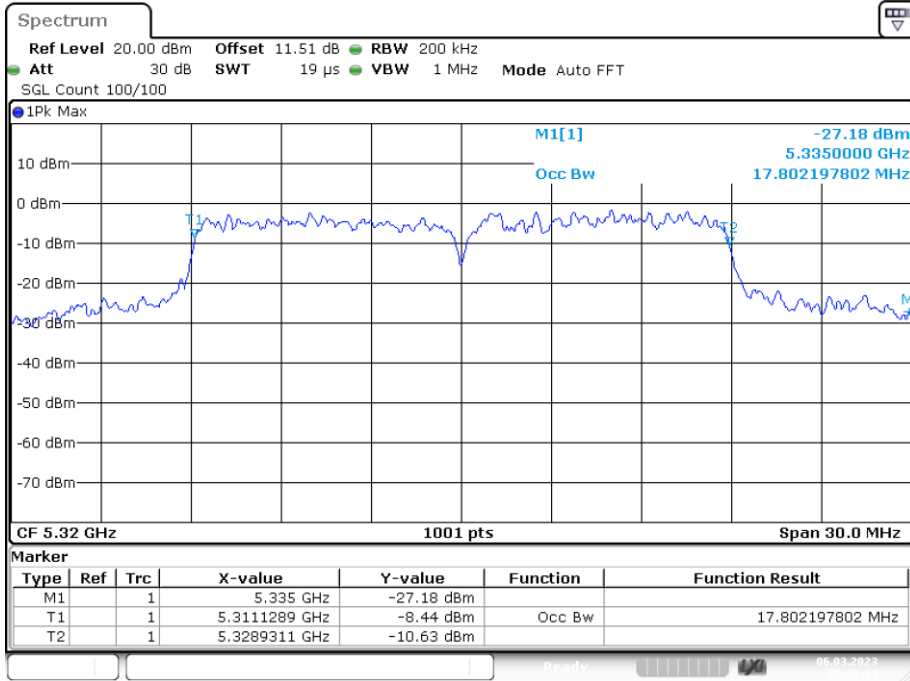
OBW NVNT ac20 5260MHz Ant1



OBW NVNT ac20 5280MHz Ant1

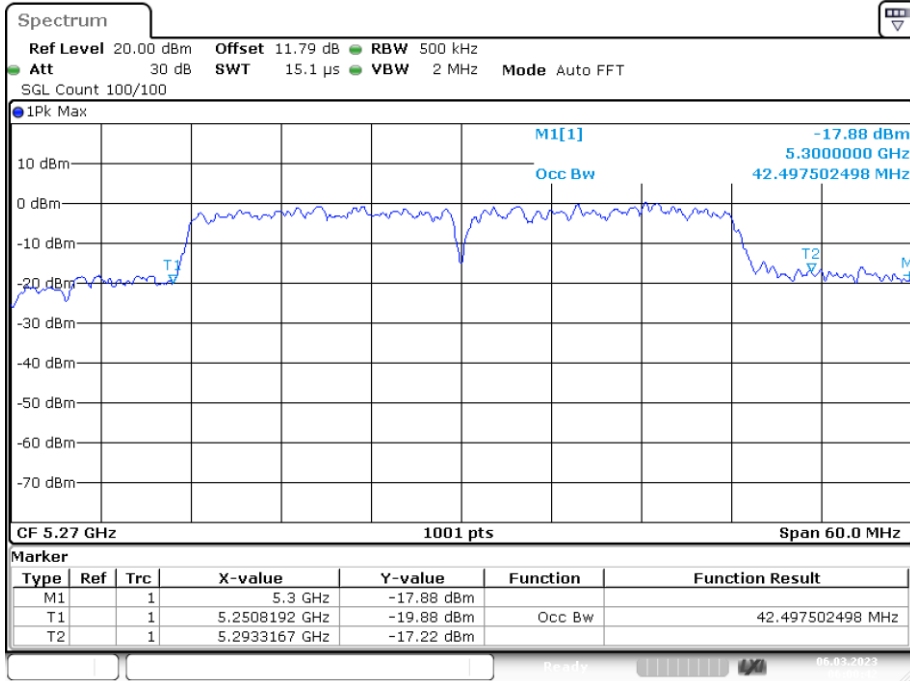


OBW NVNT ac20 5320MHz Ant1



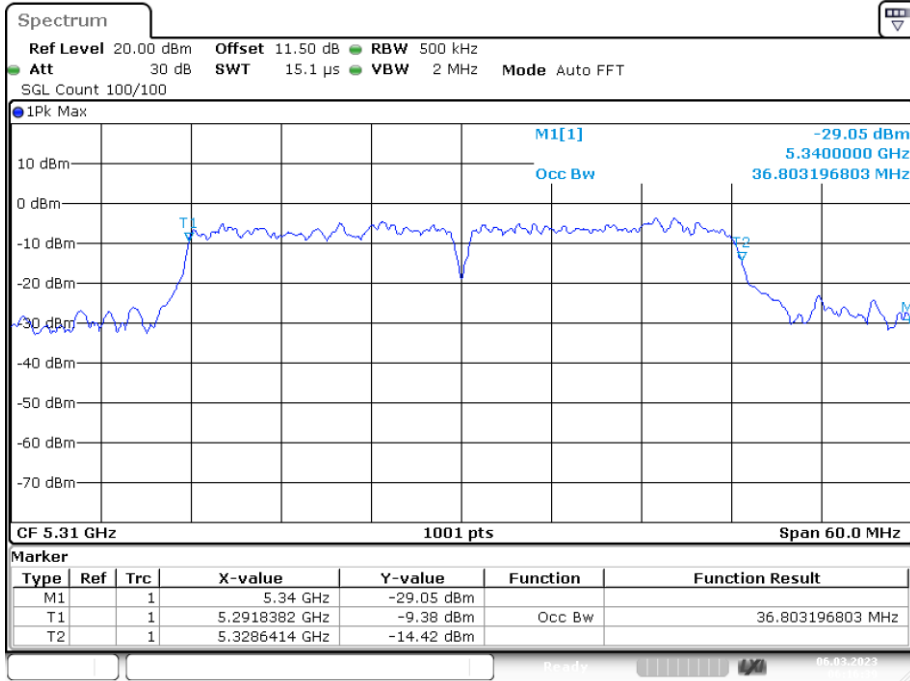
Date: 6.MAR.2023 05:29:32

OBW NVNT ac40 5270MHz Ant1



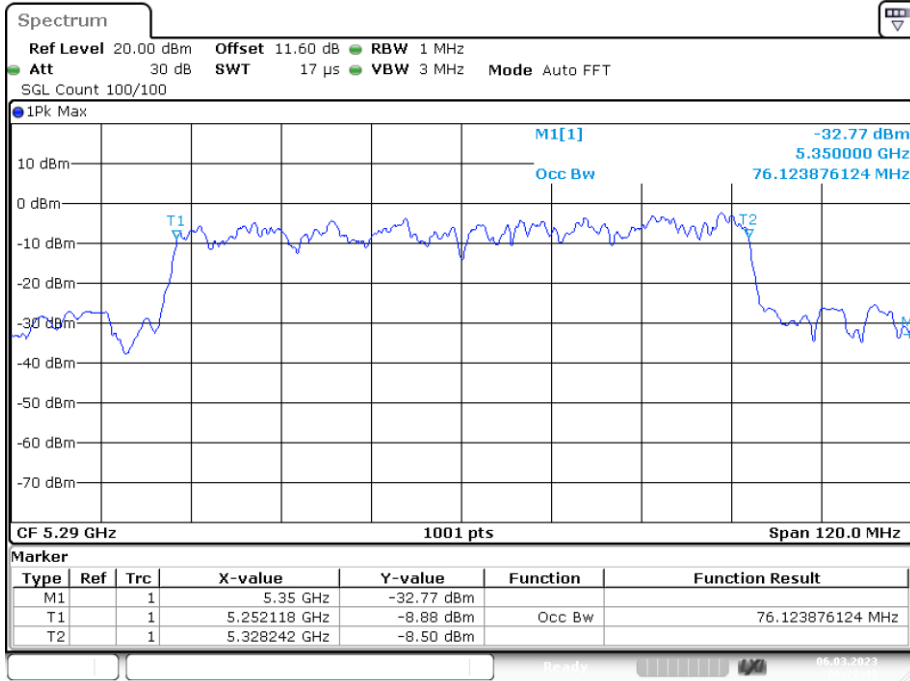
Date: 6.MAR.2023 06:00:42

OBW NVNT ac40 5310MHz Ant1



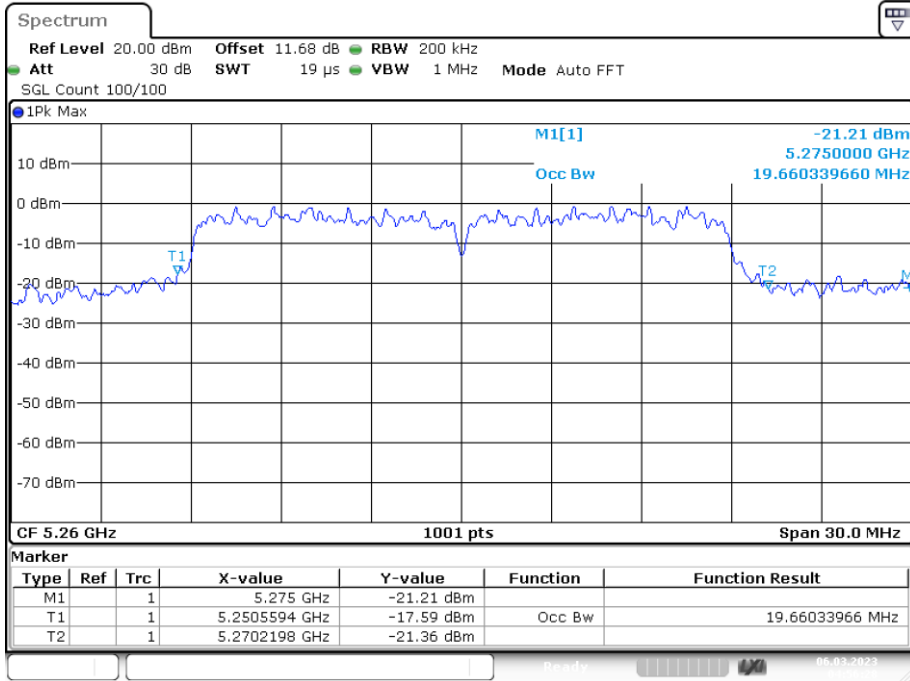
Date: 6.MAR.2023 06:16:38

OBW NVNT ac80 5290MHz Ant1



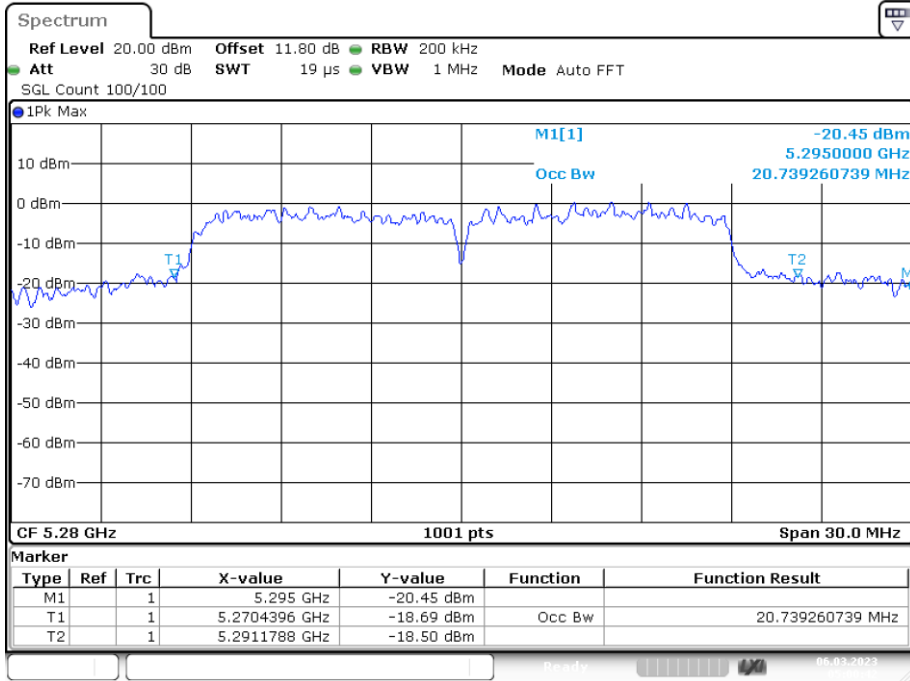
Date: 6.MAR.2023 06:22:42

OBW NVNT n20 5260MHz Ant1



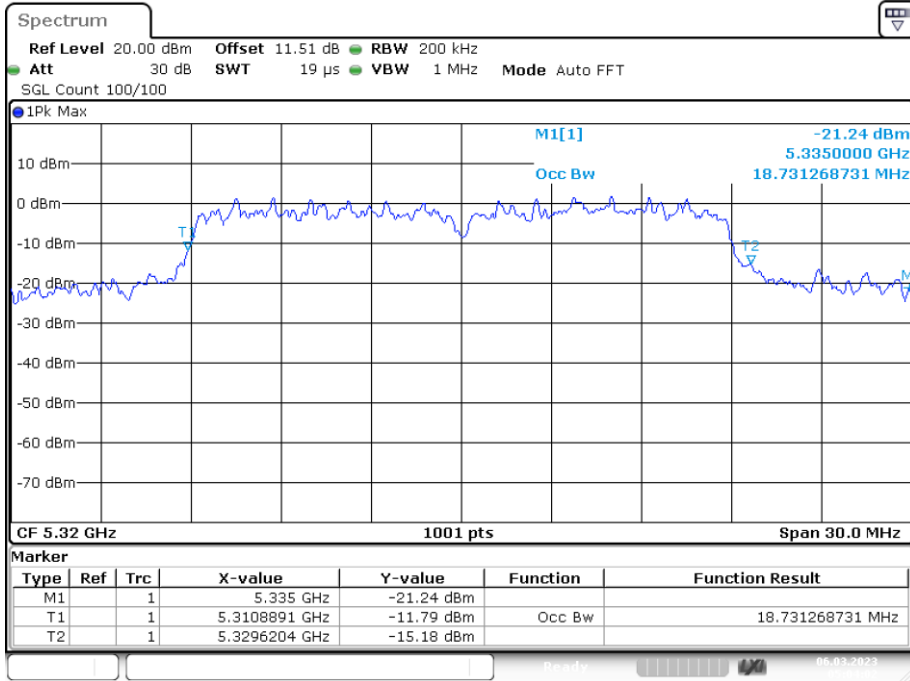
Date: 6.MAR.2023 04:56:27

OBW NVNT n20 5280MHz Ant1

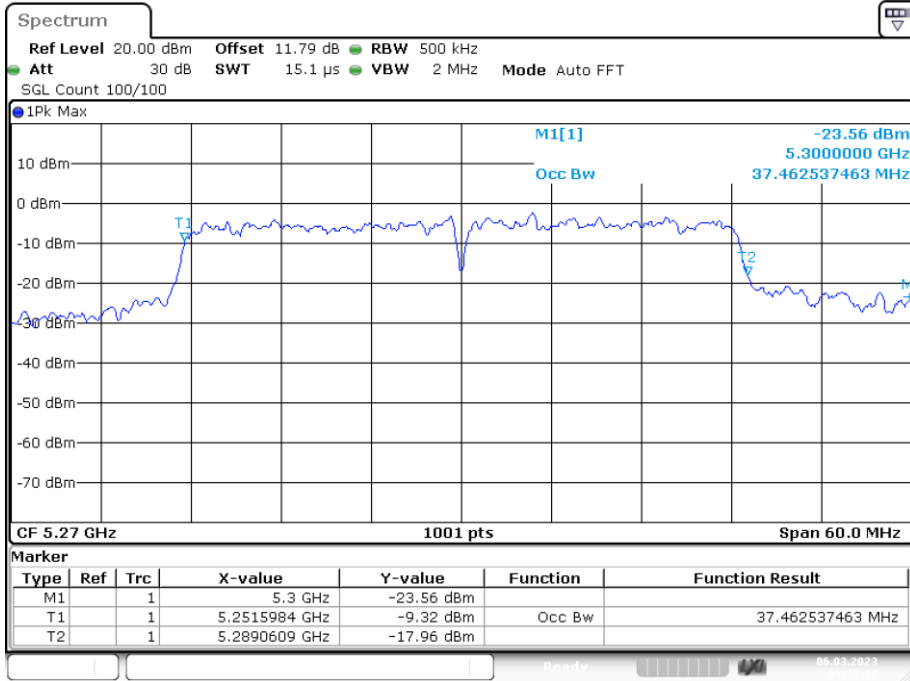


Date: 6.MAR.2023 05:00:42

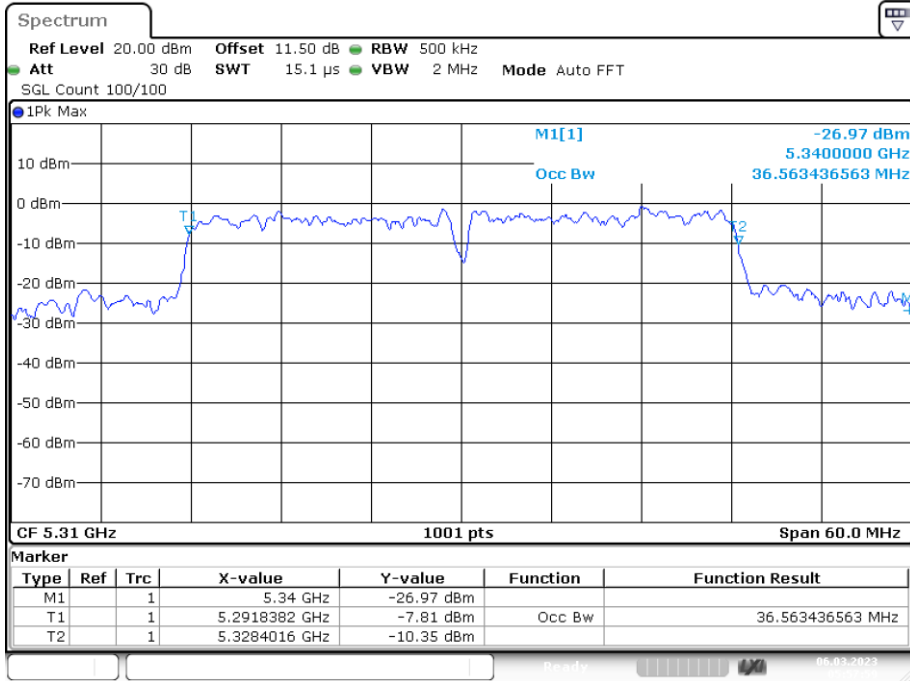
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1

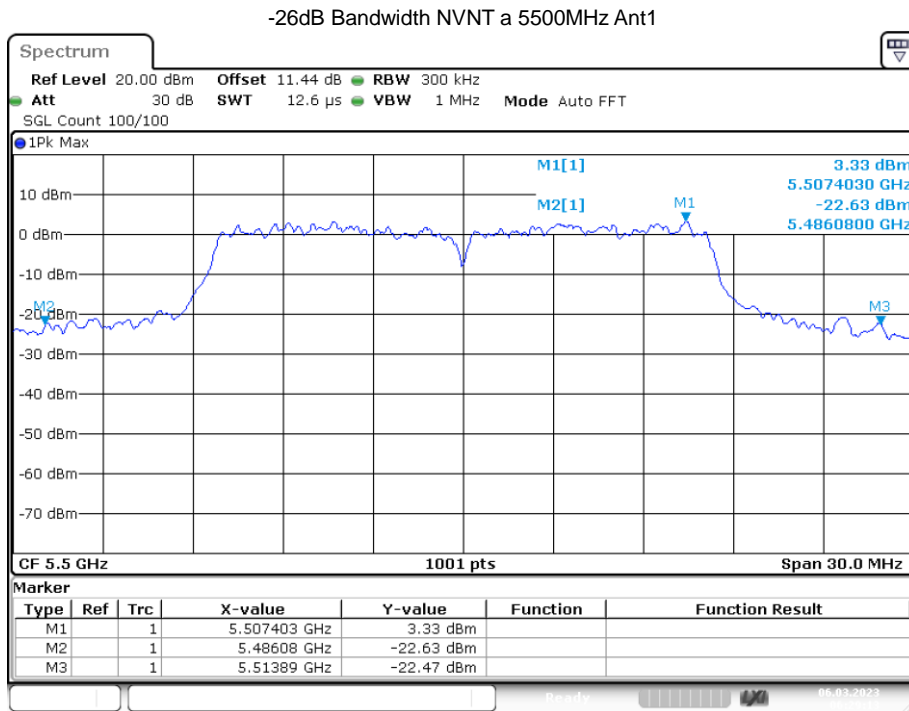


Date: 6.MAR.2023 05:58:00

Band 3 (5470-5725 MHz):

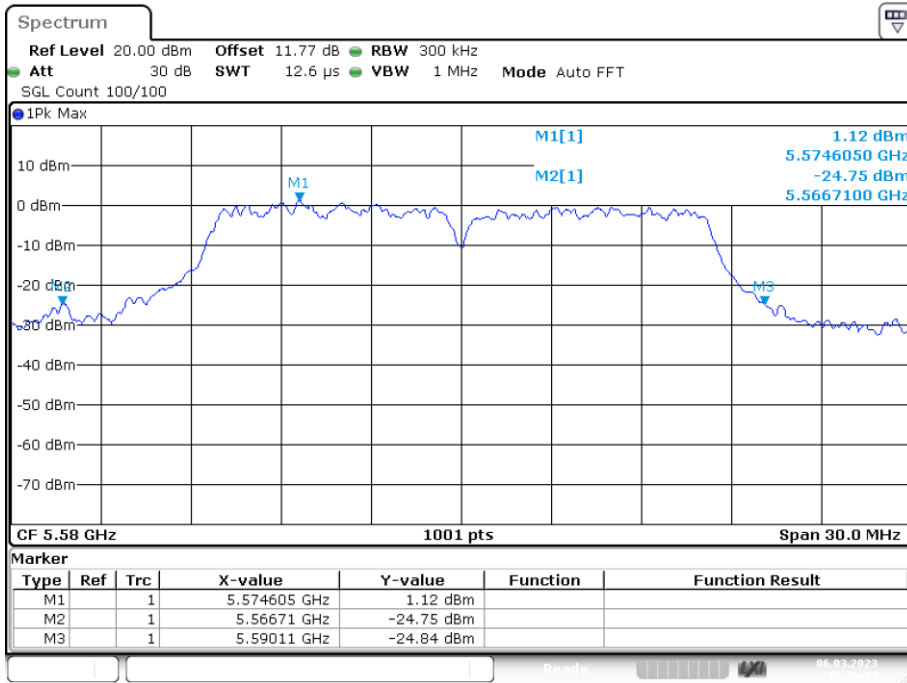
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	27.81	0.5	Pass
NVNT	a	5580	Ant1	23.4	0.5	Pass
NVNT	a	5700	Ant1	30	0.5	Pass
NVNT	ac20	5500	Ant1	25.77	0.5	Pass
NVNT	ac20	5580	Ant1	22.32	0.5	Pass
NVNT	ac20	5700	Ant1	29.37	0.5	Pass
NVNT	ac40	5510	Ant1	44.94	0.5	Pass
NVNT	ac40	5670	Ant1	59.88	0.5	Pass
NVNT	ac80	5530	Ant1	80.16	0.5	Pass
NVNT	n20	5500	Ant1	22.56	0.5	Pass
NVNT	n20	5580	Ant1	22.05	0.5	Pass
NVNT	n20	5700	Ant1	30	0.5	Pass
NVNT	n40	5510	Ant1	40.5	0.5	Pass
NVNT	n40	5670	Ant1	58.8	0.5	Pass

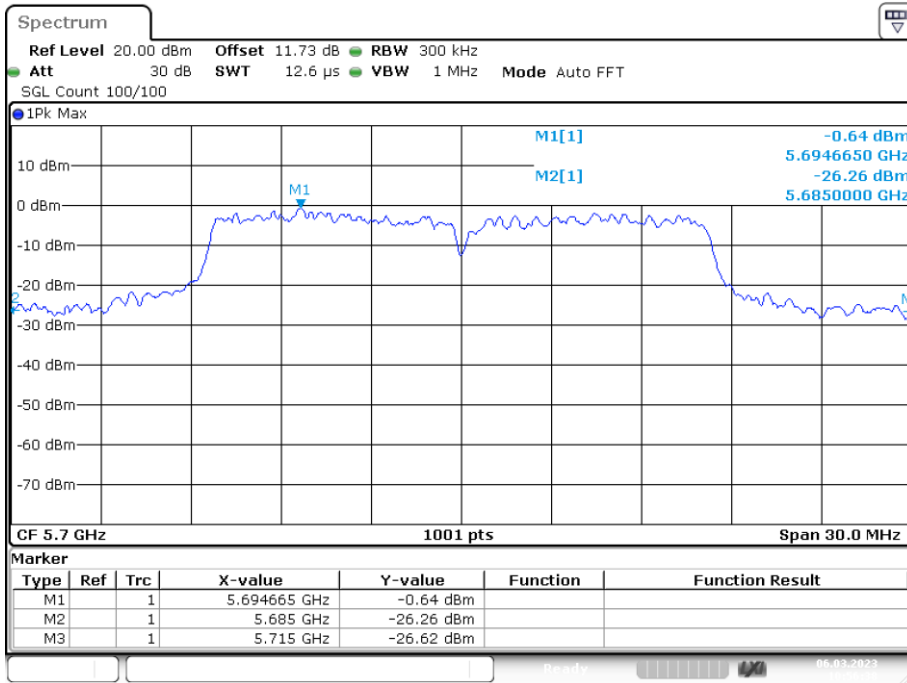


Date: 6.MAR.2023 06:29:12

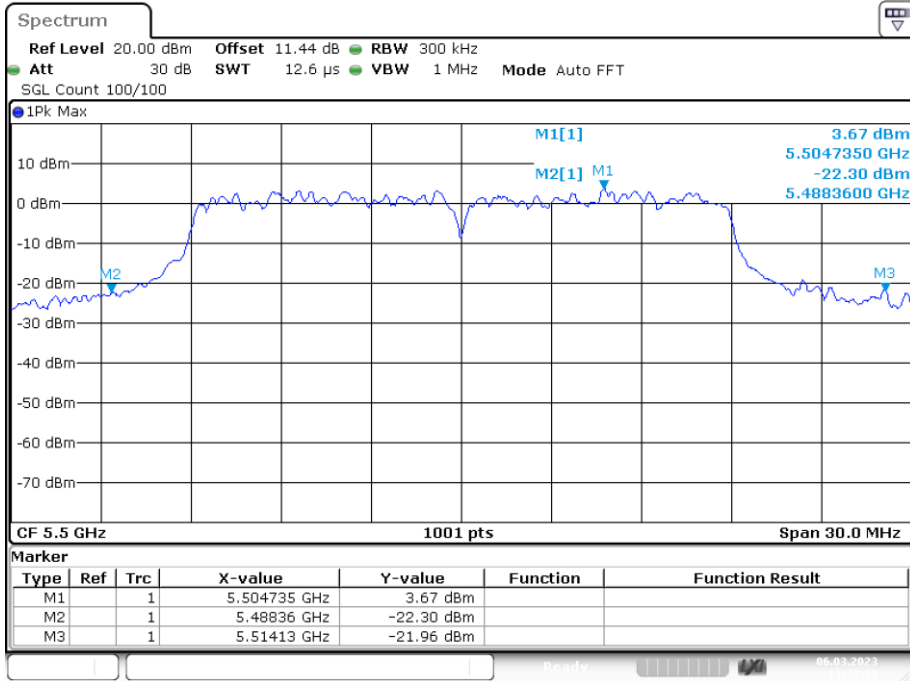
-26dB Bandwidth NVNT a 5580MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1

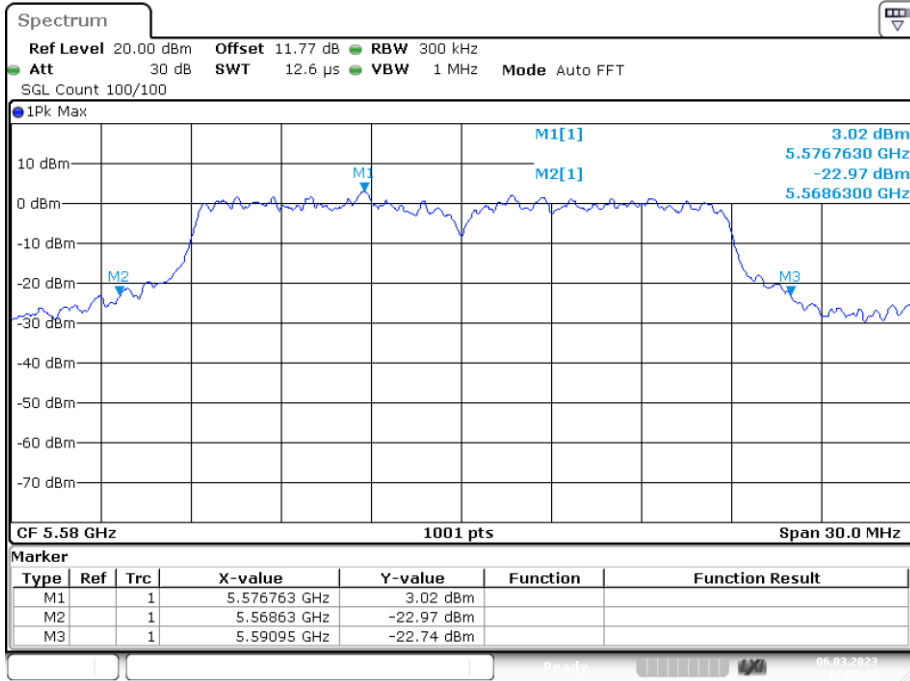


-26dB Bandwidth NVNT ac20 5500MHz Ant1



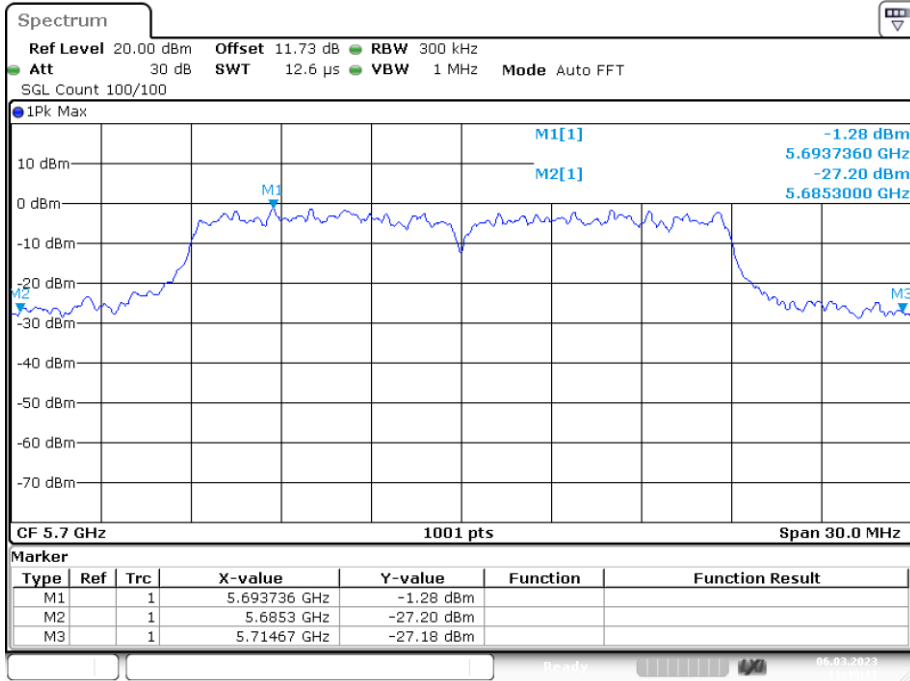
Date: 6.MAR.2023 11:19:58

-26dB Bandwidth NVNT ac20 5580MHz Ant1



Date: 6.MAR.2023 11:27:42

-26dB Bandwidth NVNT ac20 5700MHz Ant1



-26dB Bandwidth NVNT ac40 5510MHz Ant1

