FCC TEST REPORT

FCC ID: 2A3MU-FC2A

On Behalf of

Shanghai EFIX Geomatics Co., Ltd.

Handheld GNSS Data Collector

Model No.: FC2

Prepared for	:	Shanghai EFIX Geomatics Co., Ltd.
Address	:	Building 1, 158 Shuanglian Road, Qingpu District, Shanghai

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	:	A2311081-C01-R19
Date of Receipt	:	December 25, 2023
Date of Test	:	December 25, 2023 - April 8, 2024
Date of Report	:	April 8, 2024
Version Number	:	V0
Test Result	**:**	**Pass**

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TEST REPORT DECLARATION

Applicant	:	Shanghai EFIX Geomatics Co., Ltd.
Address	:	Building 1, 158 Shuanglian Road, Qingpu District, Shanghai
Manufacturer	:	Shanghai EFIX Geomatics Co., Ltd.
Address	:	Building 1, 158 Shuanglian Road, Qingpu District, Shanghai
EUT Description	:	Handheld GNSS Data Collector
		(A) Model No. : FC2
		(B) Trademark : EFIX

Measurement Standard Used:

FCC Rules and Regulations Part 15 Subpart E

ANSI C63.10:2013, CISPR 16-1-4:2010

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).....:	Yannis Wen Project Engineer	Yannis Wen
Approved by (name + signature).....:	Reak Yang Project Manager	
Date of issue……..:	April 8, 2024	

Revision History

Revision	Issue Date	Revisions	Revised By
V0	April 8, 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 ANSI C63.10	PASS
Peak Transmit Power	Section 15.407(a)	PASS
Power Spectral Density	Section 15.407(a)	PASS
Undesirable Emission	Section 15.407(b)	PASS
Radiated Emission	Section 15.407(b)&15.209 Section 5.5 ANSI C63.10	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 Radiation Emission test in 3m chamber (18GHz to 40GHz)	4.31 dB(Polarize: V)
	4.30 dB(Polarize: H)
Uncertainty for radio frequency	5.06×10^{-8}GHz
Uncertainty for conducted RF Power	0.40dB
Uncertainty for temperature	0.2℃
Uncertainty for humidity	1%
Uncertainty for DC and low frequency voltages	0.06%

2 General Information

2.1 General Description of EUT

EUT Name	:	Handheld GNSS Data Collector
Model No.	:	FC2
DIFF.	:	N/A
Power supply	:	DC 5V from adapter, DC 3.8V from battery.

Radio Technology	:	5G WIFI
Operation Frequency	:	802.11a/n(HT20)/ac(HT20): 5180~5240MHz; 5260-5320MHz;
		5500-5700MHz;5745~5845MHz
		802.11n(HT40)/ac(HT40): 5190~5230MHz; 5270-5310MHz; 5510-5670MHz; 5755~5795MHz
		802.11ac(HT80): 5210MHz, 5290MHz, 5530MHz, 5775MHz
Channel separation	:	20MHz for 802.11a/ 802.11ac20/ 802.11n(HT20)
		40MHz for 802.11ac40/ 802.11n(HT40)
		80MHz for 802.11ac80
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, max gain -4.05dBi
		Antenna information is provided by applicant.
Coaxial cable loss		Max. coaxial cable loss:0.5dB
		(Cable lossvalue is provided by applicant.)
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 1	:	AC Adapter
Manufacturer	:	EDAC POWER Electronics Co., Ltd
Model	:	EA1012AVRU-050
Ratings	:	Input: 100-240Vac~50/60Hz 1.0A Output: 5.0V⎓2.4A

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

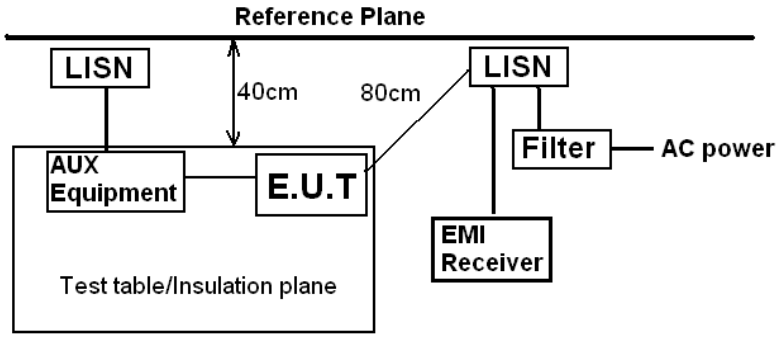
Software Information			
Test Item	Software Name	Manufacturer	Version
RE	EZ-EMC	Farad	Alpha-3A1
CE	EZ-EMC	Farad	Alpha-3A1
RF-CE	MTS 8310	MW	V2.0.0.0

4 Test results and Measurement Data

4.1 Antenna requirement:

Standard requirement:	FCC Part15 C Section 15.203
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.	
E.U.T Antenna:	
The antenna is internal antenna. The best case gain of the antenna is -4.05dBi for 5.15~5.25GHz, 5.25~5.35GHz, 5.50-5.70GHz, 5.725~5.85GHz	

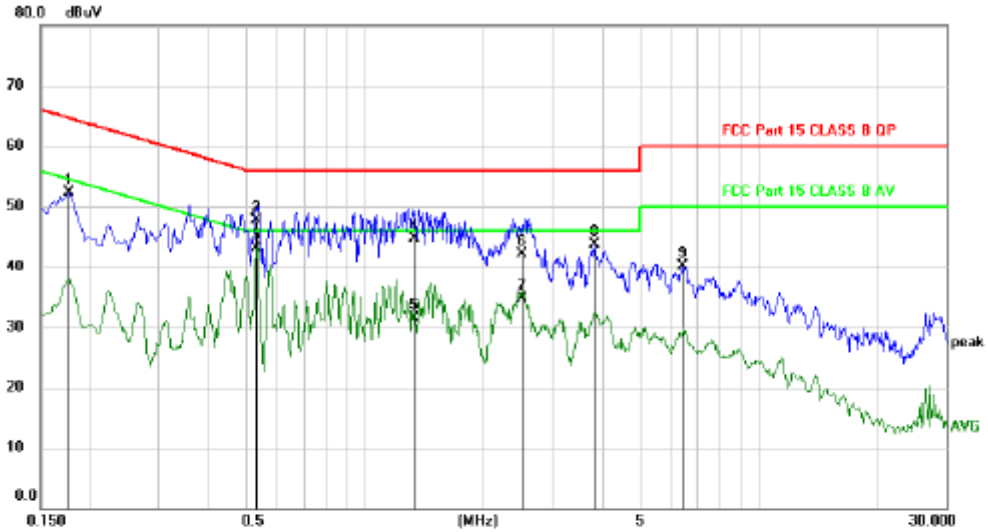
4.2 Conducted Emissions

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:	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:	 *Remark:* *E.U.T: Equipment Under Test* *LISN: Line Impedence Stabilization Network* *Test table height=0.8m*
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:

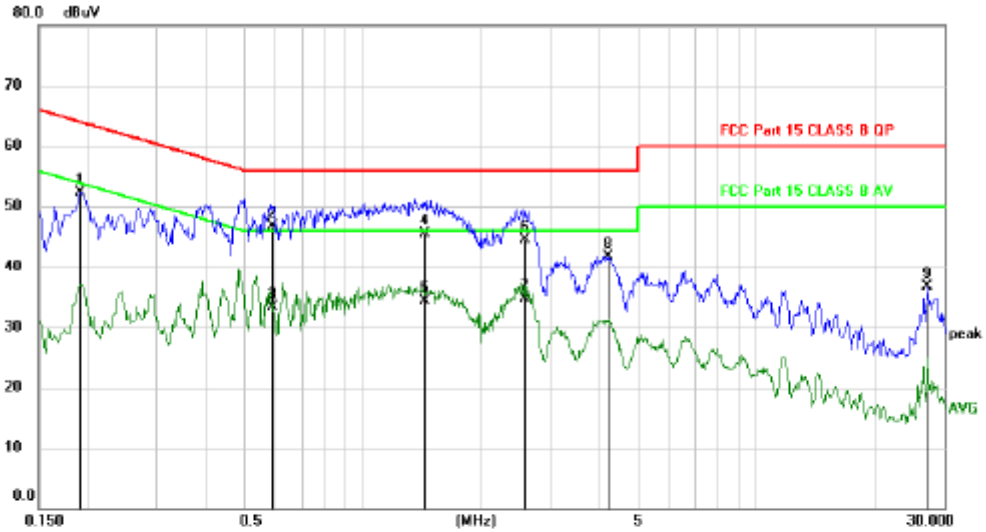


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1770	42.39	9.93	52.32	64.63	-12.31	peak	
2		0.5334	37.68	9.95	47.63	56.00	-8.37	QP	
3	*	0.5334	33.09	9.95	43.04	46.00	-2.96	AVG	
4		1.3413	34.78	9.90	44.68	56.00	-11.32	QP	
5		1.3413	21.62	9.90	31.52	46.00	-14.48	AVG	
6		2.5014	32.20	9.91	42.11	56.00	-13.89	QP	
7		2.5014	24.73	9.91	34.64	46.00	-11.36	AVG	
8		3.8340	33.79	9.96	43.75	56.00	-12.25	peak	
9		6.4170	30.08	10.10	40.18	60.00	-19.82	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:



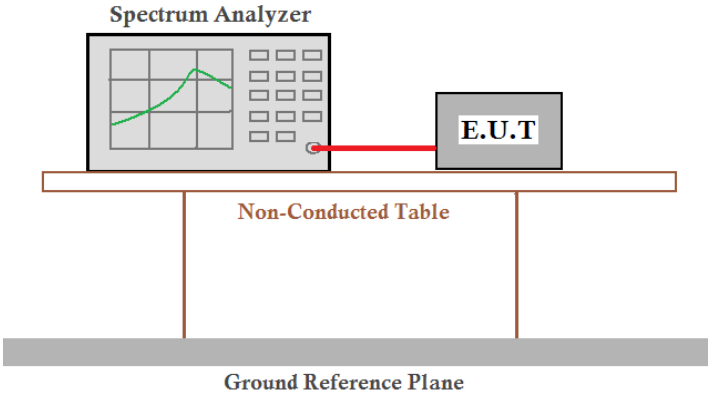
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1920	42.32	9.92	52.24	63.95	-11.71	peak	
2	*	0.5893	36.86	9.92	46.78	56.00	-9.22	QP	
3		0.5893	23.31	9.92	33.23	46.00	-12.77	AVG	
4		1.4312	35.52	9.90	45.42	56.00	-10.58	QP	
5		1.4312	24.42	9.90	34.32	46.00	-11.68	AVG	
6		2.5700	34.69	9.91	44.60	56.00	-11.40	QP	
7		2.5700	24.81	9.91	34.72	46.00	-11.28	AVG	
8		4.1820	31.81	9.98	41.79	56.00	-14.21	peak	
9		27.1590	26.13	10.54	36.67	60.00	-23.33	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

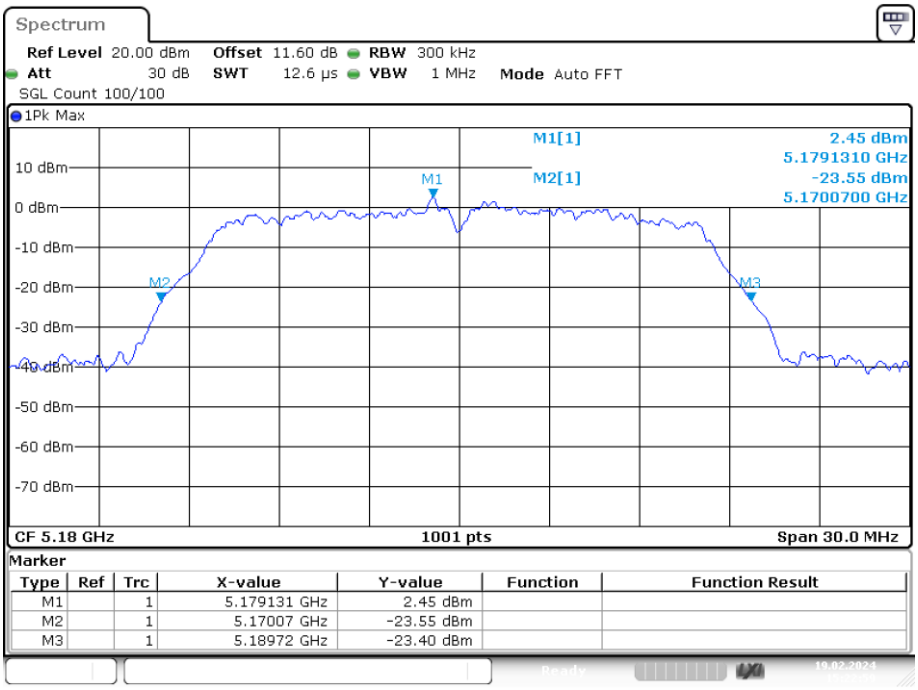
Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	N/A
Test setup:	
Test procedure:	According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Measurement Data:

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

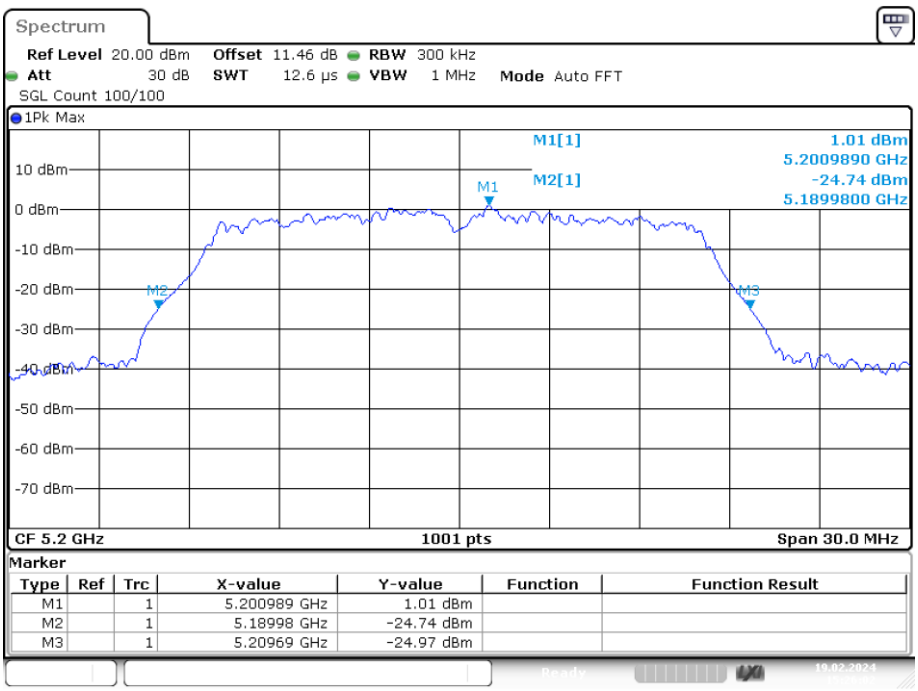
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.65	/	Pass
NVNT	a	5200	Ant1	19.71	/	Pass
NVNT	a	5240	Ant1	19.83	/	Pass
NVNT	ac20	5180	Ant1	20.22	/	Pass
NVNT	ac20	5200	Ant1	20.16	/	Pass
NVNT	ac20	5240	Ant1	20.28	/	Pass
NVNT	ac40	5190	Ant1	39	/	Pass
NVNT	ac40	5230	Ant1	39.42	/	Pass
NVNT	ac80	5210	Ant1	78.96	/	Pass
NVNT	n20	5180	Ant1	20.1	/	Pass
NVNT	n20	5200	Ant1	20.34	/	Pass
NVNT	n20	5240	Ant1	20.37	/	Pass
NVNT	n40	5190	Ant1	39.48	/	Pass
NVNT	n40	5230	Ant1	39.66	/	Pass

-26dB Bandwidth NVNT a 5180MHz Ant1



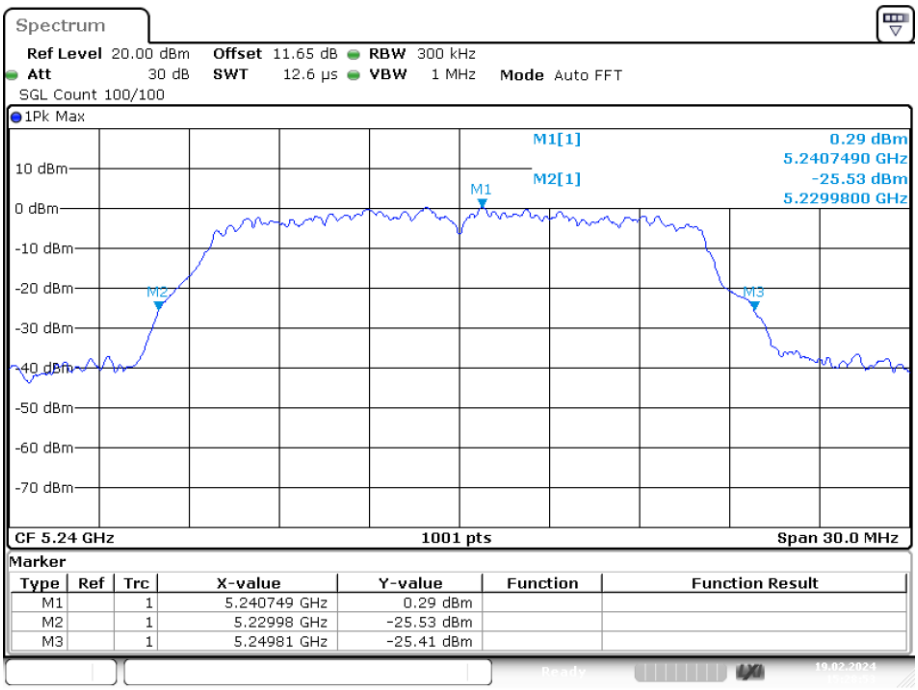
Date: 19.FEB.2024 15:22:59

-26dB Bandwidth NVNT a 5200MHz Ant1



Date: 19.FEB.2024 15:26:02

-26dB Bandwidth NVNT a 5240MHz Ant1



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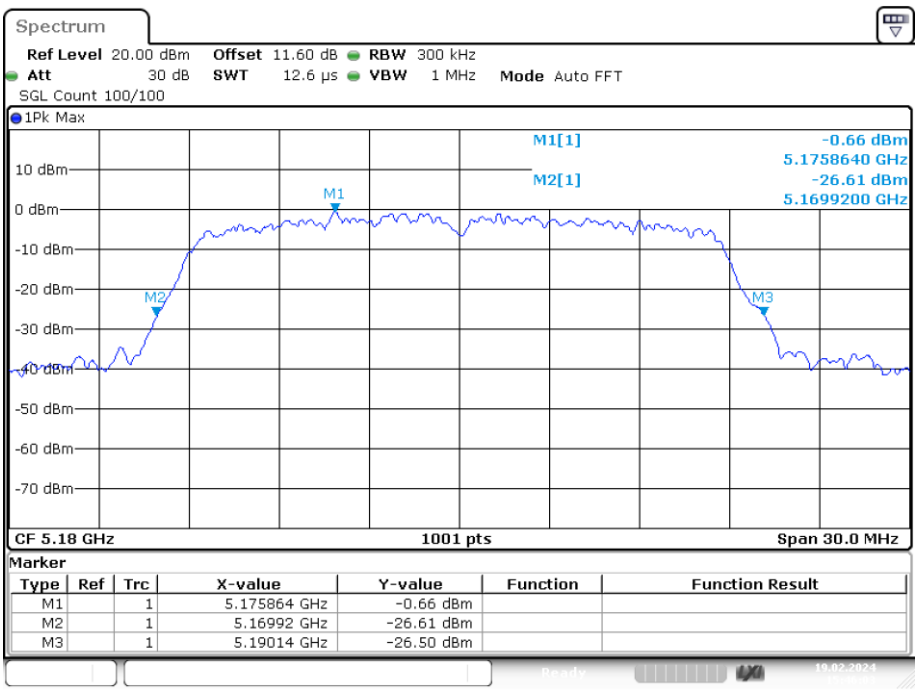
-26dB Bandwidth NVNT ac20 5180MHz Ant1



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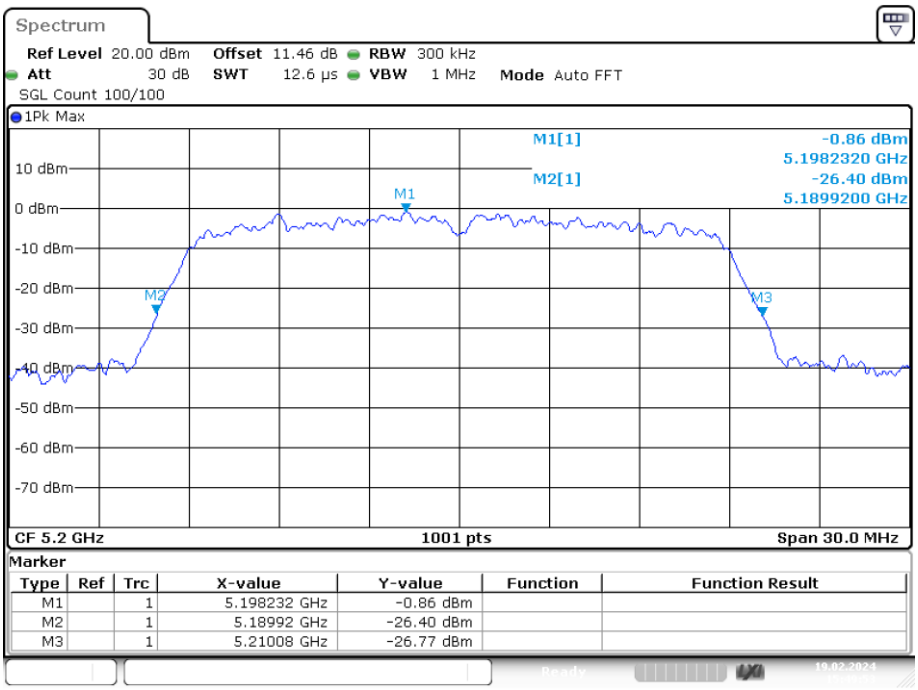
-26dB Bandwidth NVNT ac20 5200MHz Ant1



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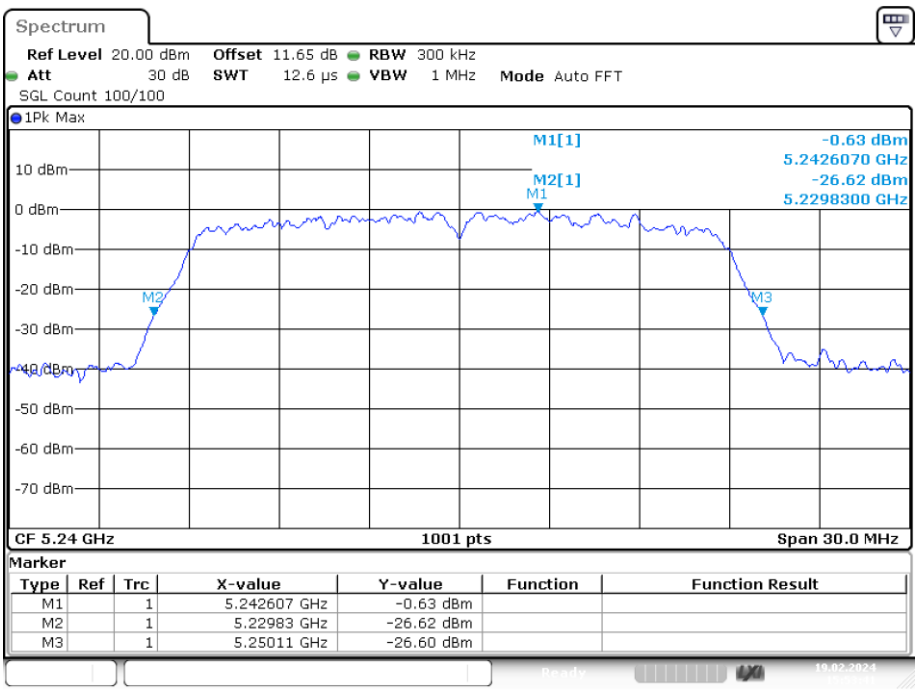
-26dB Bandwidth NVNT ac20 5240MHz Ant1



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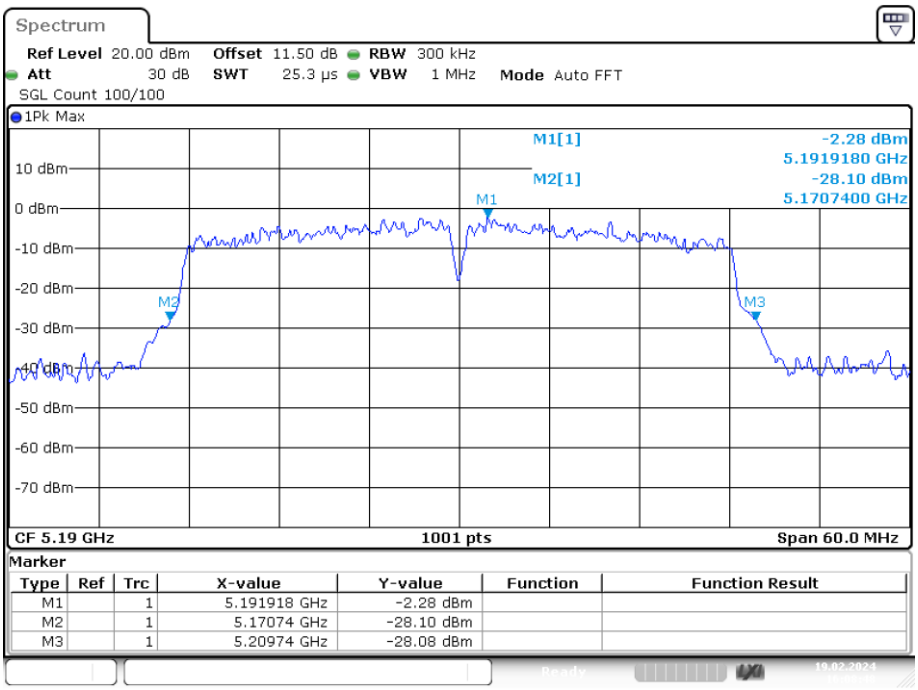
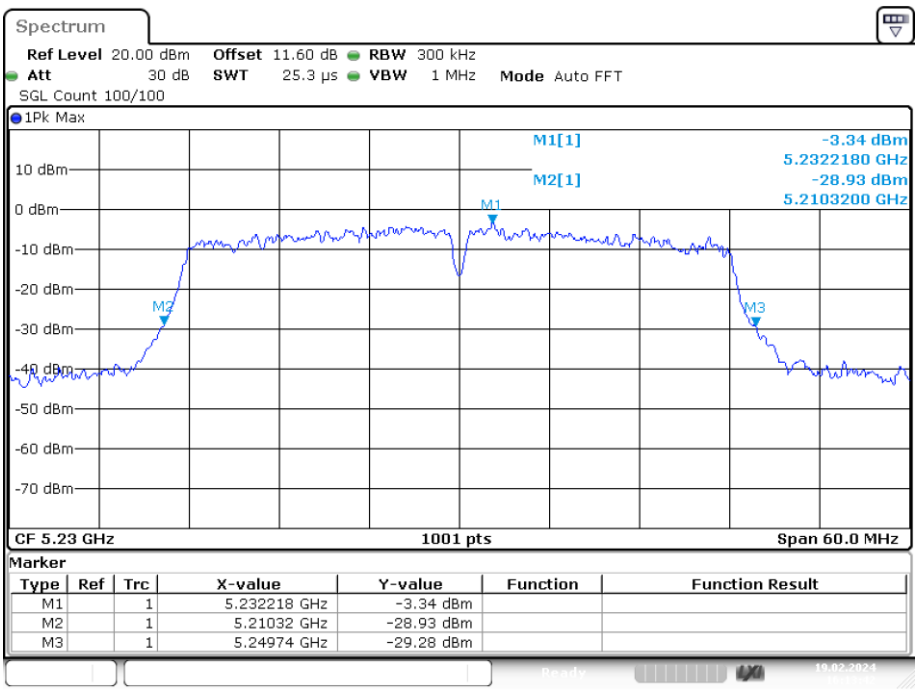
-26dB Bandwidth NVNT ac40 5190MHz Ant1



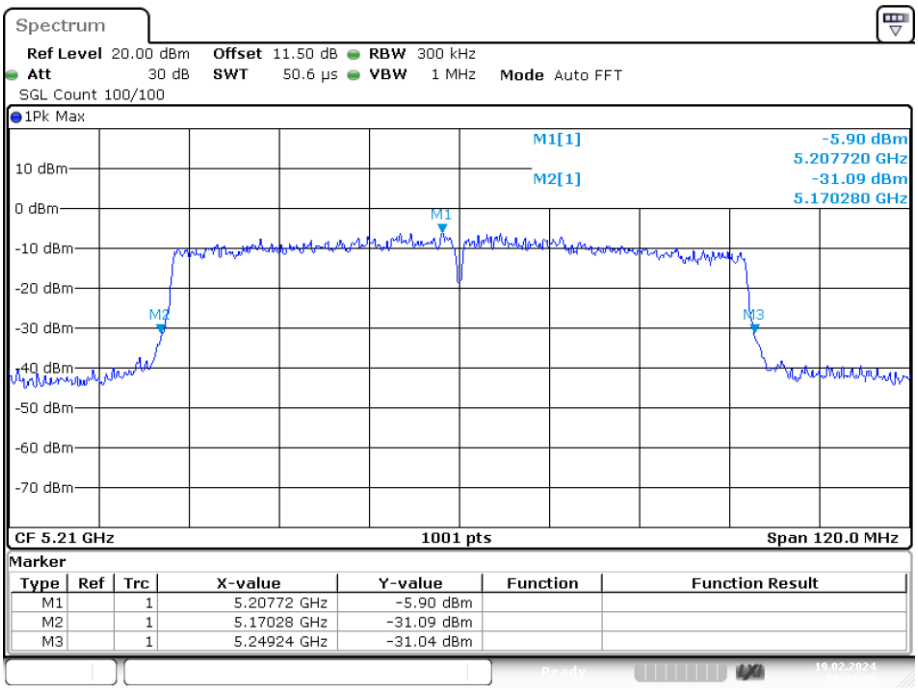
Date: 19.FEB.2024 16:08:48

-26dB Bandwidth NVNT ac40 5230MHz Ant1



Date: 19.FEB.2024 16:13:42

-26dB Bandwidth NVNT ac80 5210MHz Ant1



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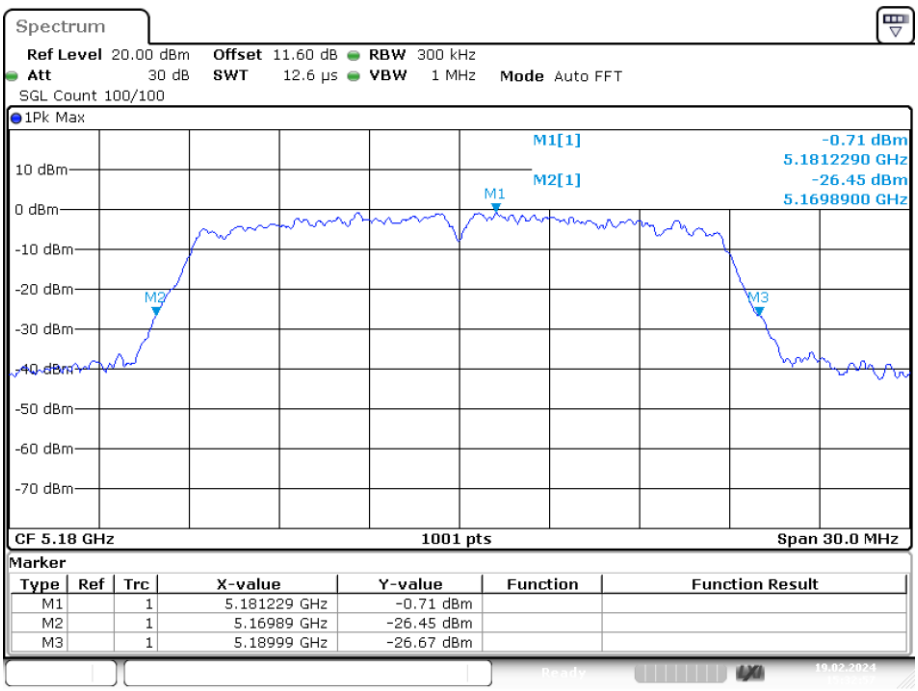
-26dB Bandwidth NVNT n20 5180MHz Ant1



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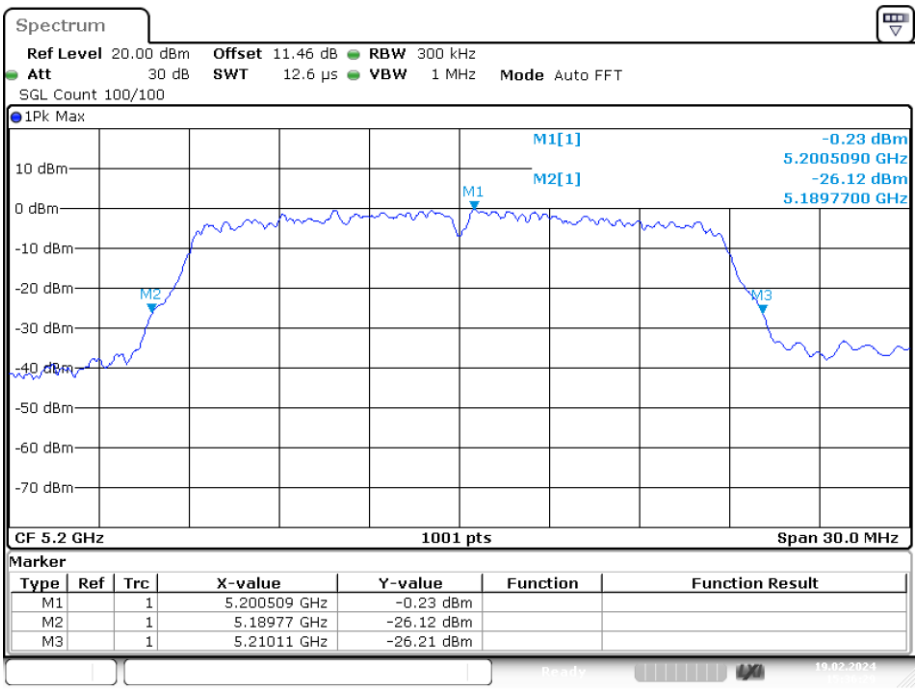
-26dB Bandwidth NVNT n20 5200MHz Ant1



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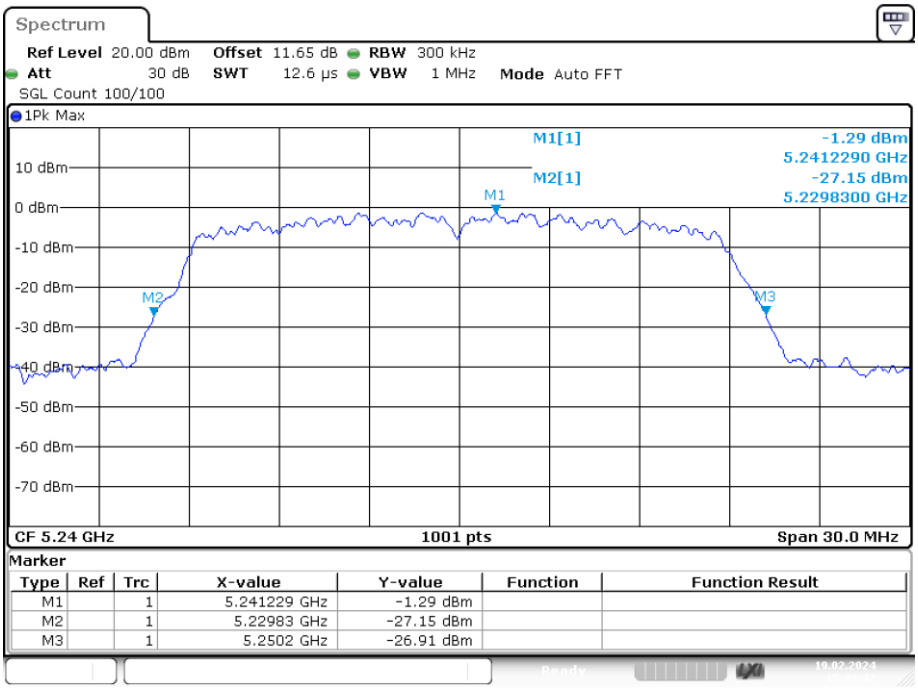
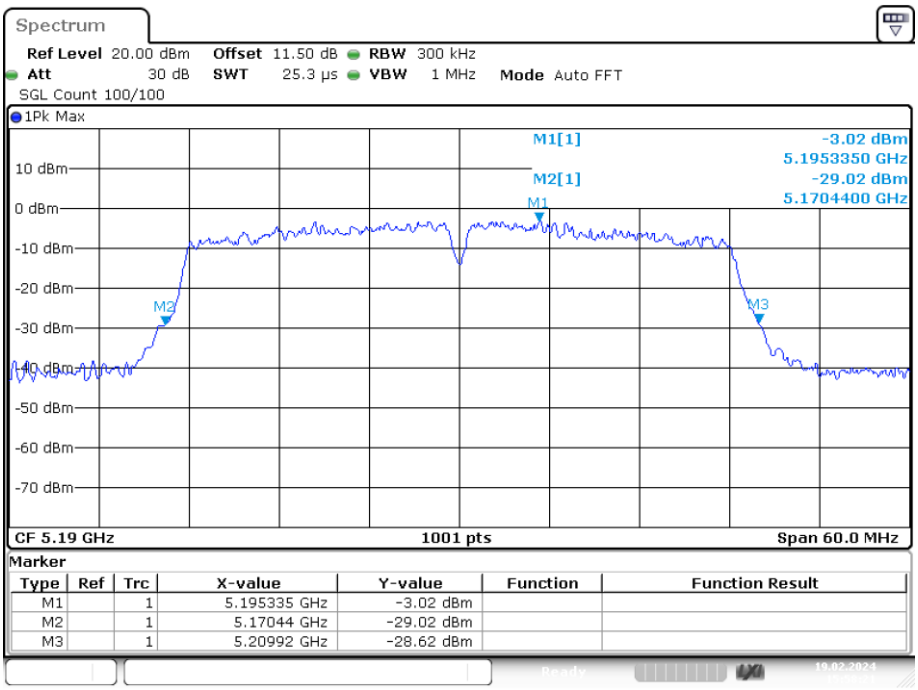
-26dB Bandwidth NVNT n20 5240MHz Ant1



Date: 19.FEB.2024 15:39:42

-26dB Bandwidth NVNT n40 5190MHz Ant1



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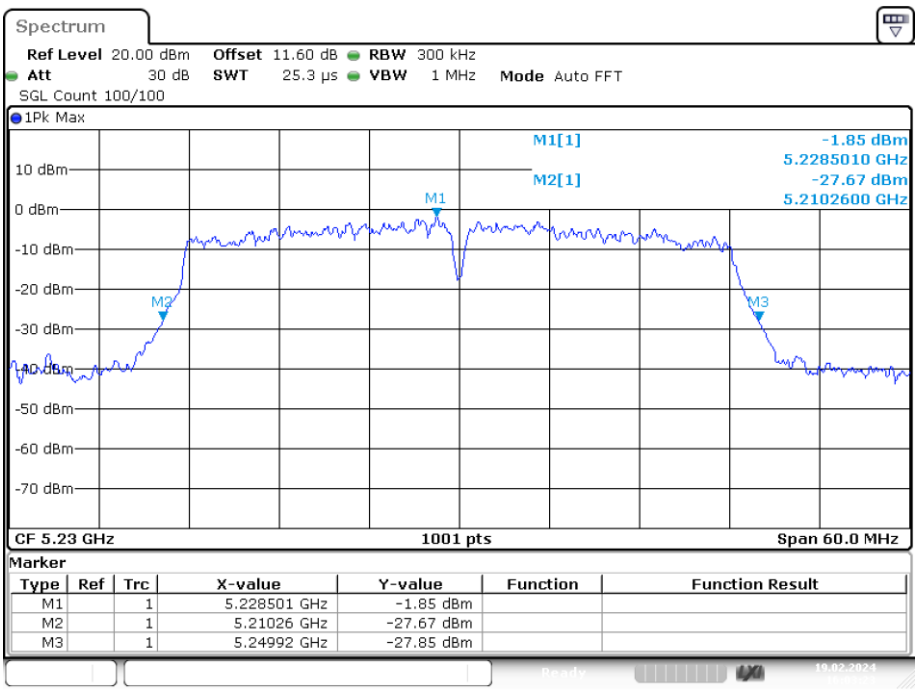
-26dB Bandwidth NVNT n40 5230MHz Ant1

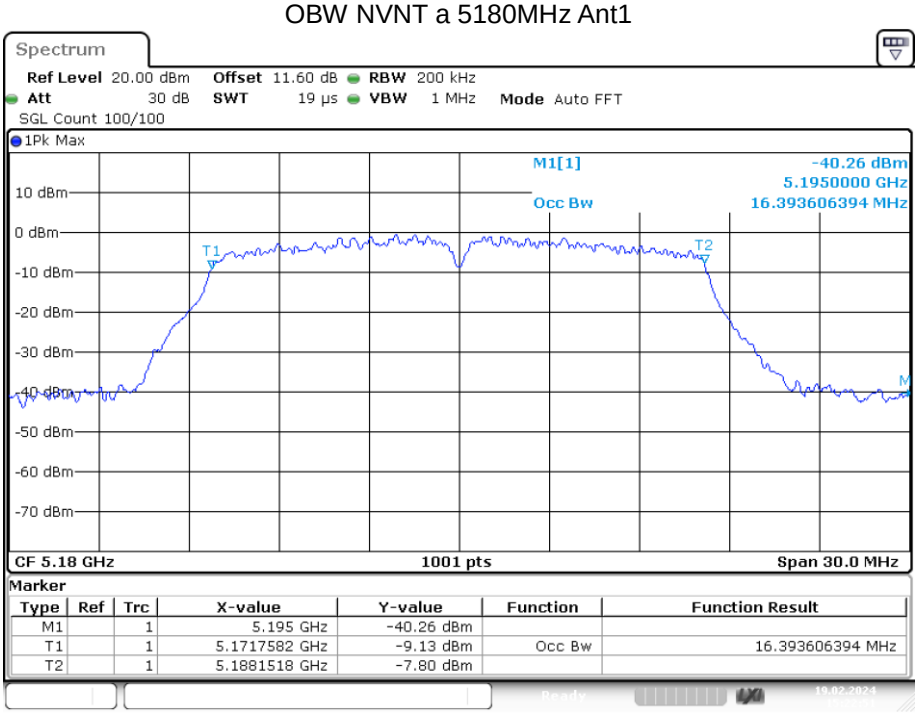


Date: 19.FEB.2024 16:03:23

Occupied Channel Bandwidth

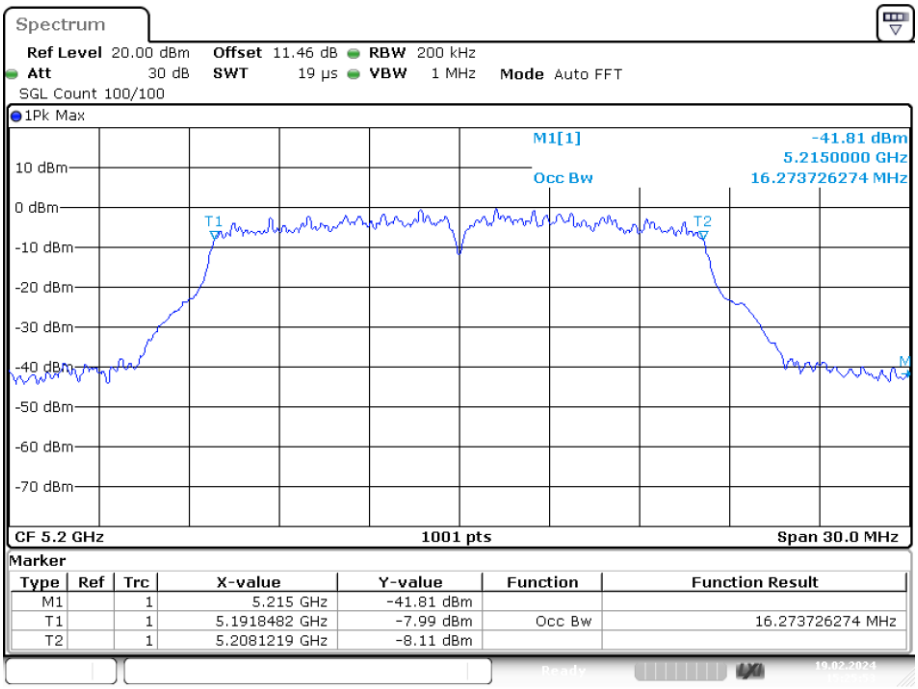
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.394
NVNT	a	5200	Ant1	16.274
NVNT	a	5240	Ant1	16.424
NVNT	ac20	5180	Ant1	17.473
NVNT	ac20	5200	Ant1	17.562
NVNT	ac20	5240	Ant1	17.502
NVNT	ac40	5190	Ant1	36.084
NVNT	ac40	5230	Ant1	35.904
NVNT	ac80	5210	Ant1	75.405
NVNT	n20	5180	Ant1	17.532
NVNT	n20	5200	Ant1	17.622
NVNT	n20	5240	Ant1	17.502
NVNT	n40	5190	Ant1	35.904
NVNT	n40	5230	Ant1	35.964

OBW NVNT a 5180MHz Ant1



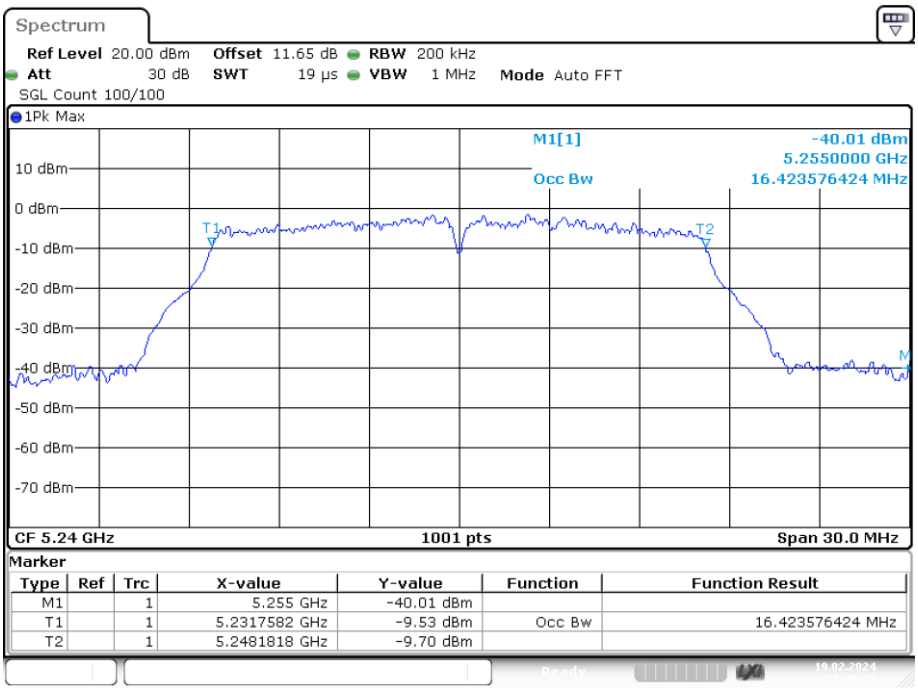
Date: 19.FEB.2024 15:22:50

OBW NVNT a 5200MHz Ant1



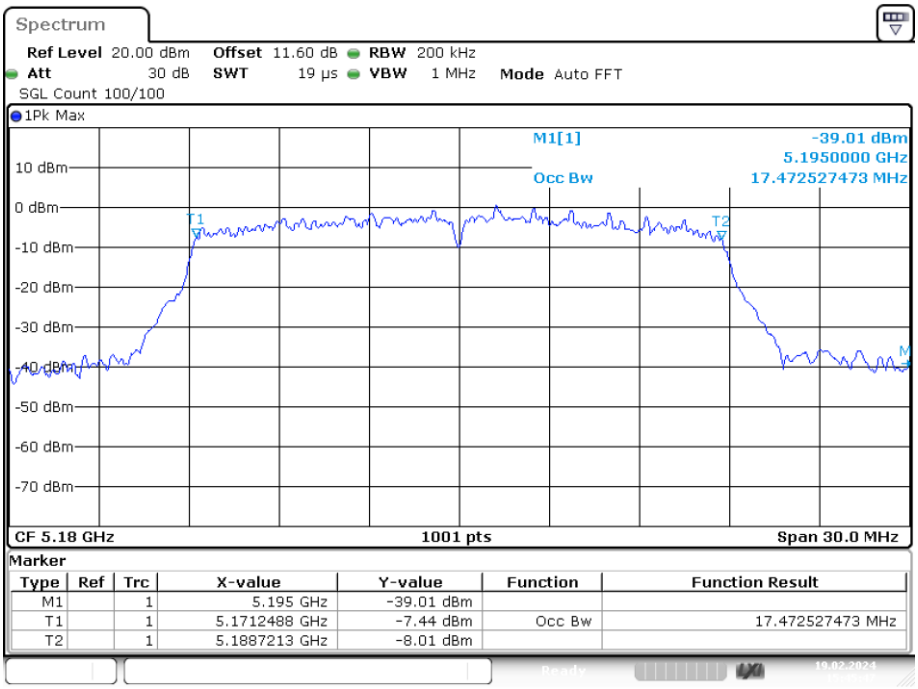
Date: 19.FEB.2024 15:25:53

OBW NVNT a 5240MHz Ant1



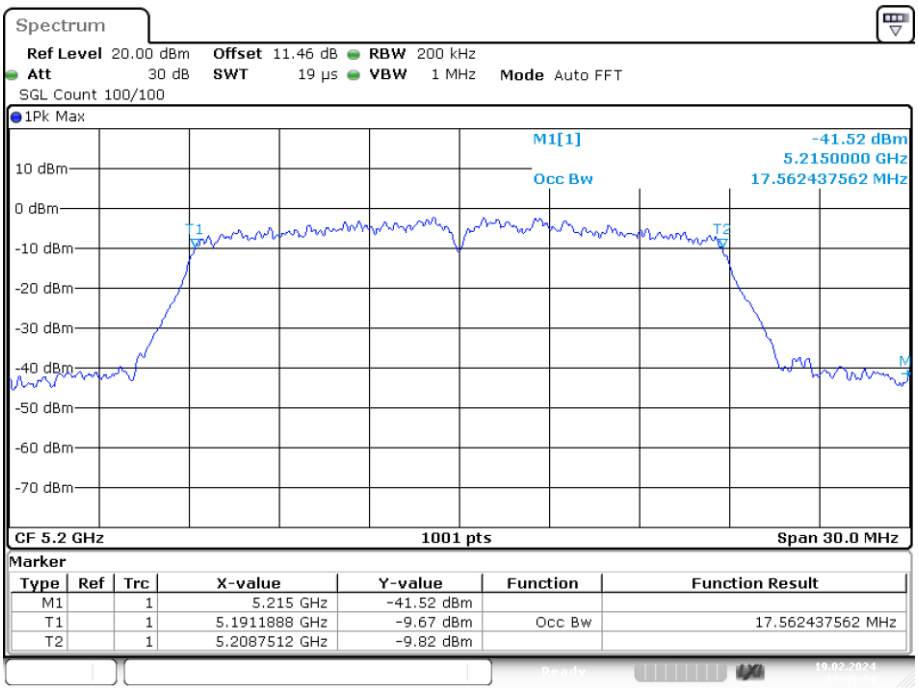
Date: 19.FEB.2024 15:28:42

OBW NVNT ac20 5180MHz Ant1



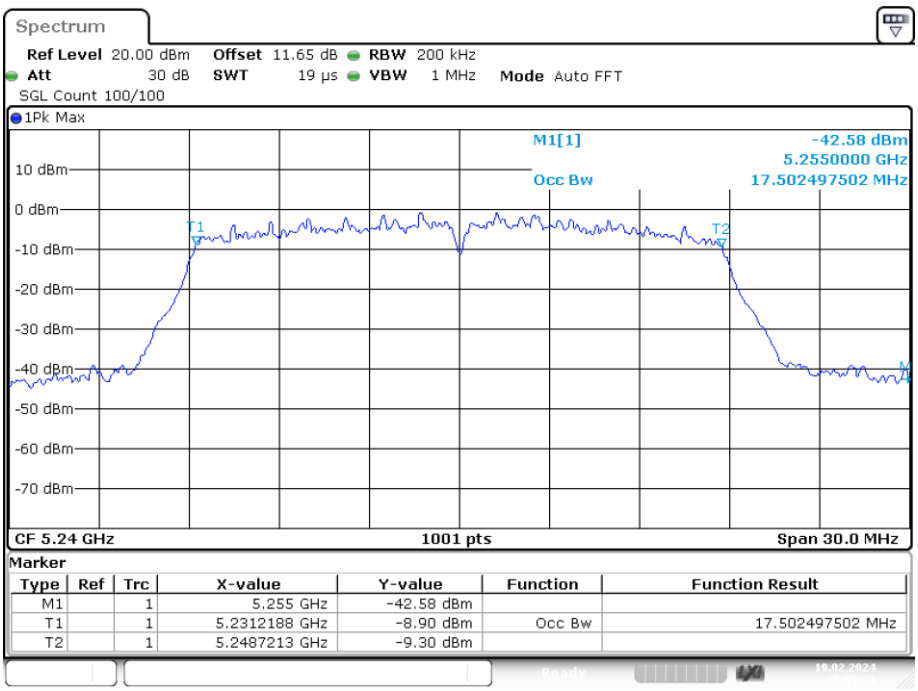
Date: 19.FEB.2024 15:45:47

OBW NVNT ac20 5200MHz Ant1



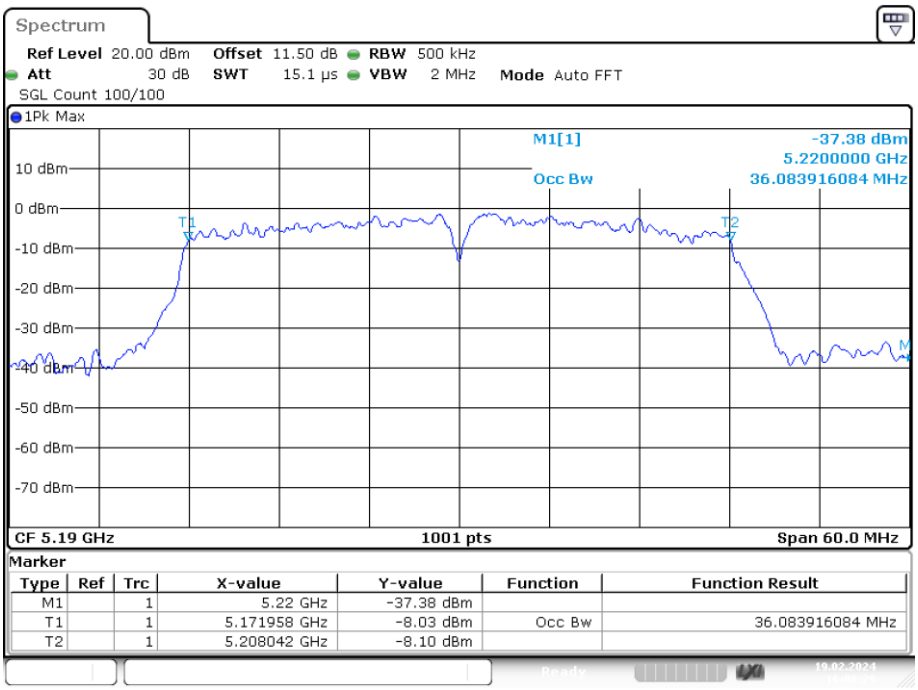
Date: 19.FEB.2024 15:49:35

OBW NVNT ac20 5240MHz Ant1



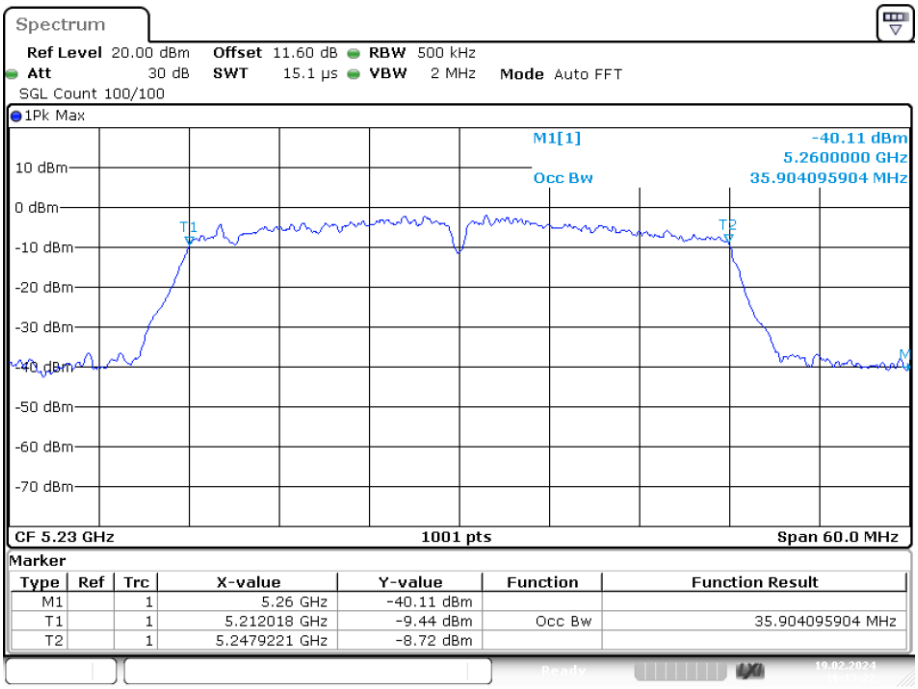
Date: 19.FEB.2024 15:53:22

OBW NVNT ac40 5190MHz Ant1



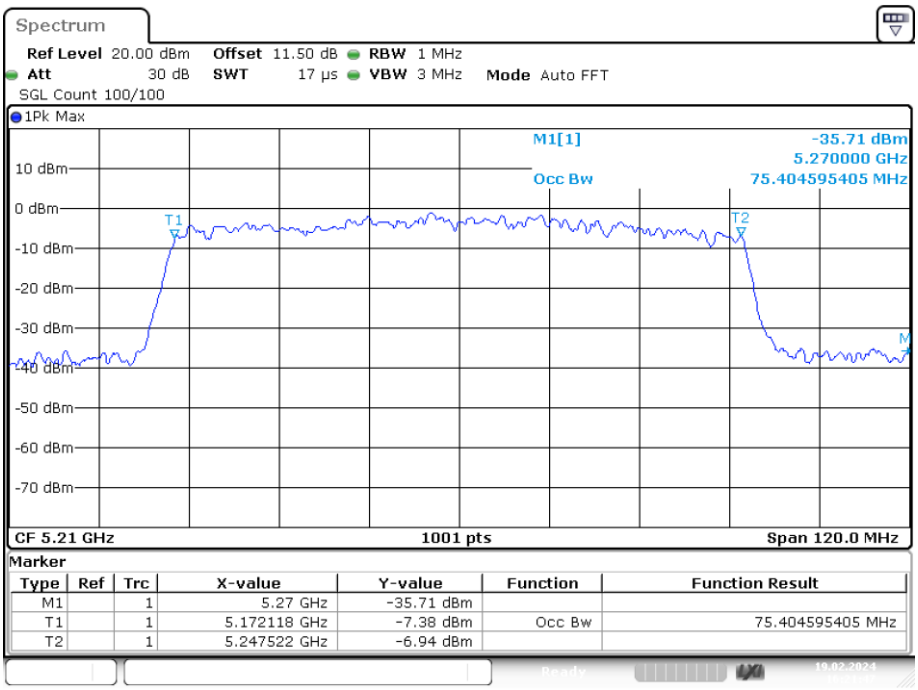
Date: 19.FEB.2024 16:08:29

OBW NVNT ac40 5230MHz Ant1



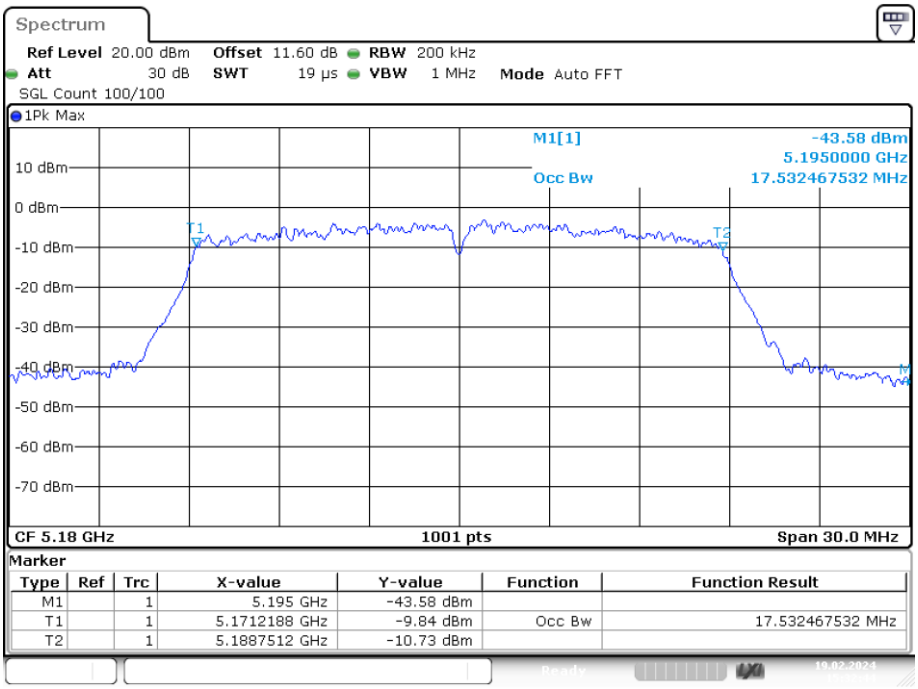
Date: 19.FEB.2024 16:13:22

OBW NVNT ac80 5210MHz Ant1



Date: 19.FEB.2024 16:21:47

OBW NVNT n20 5180MHz Ant1



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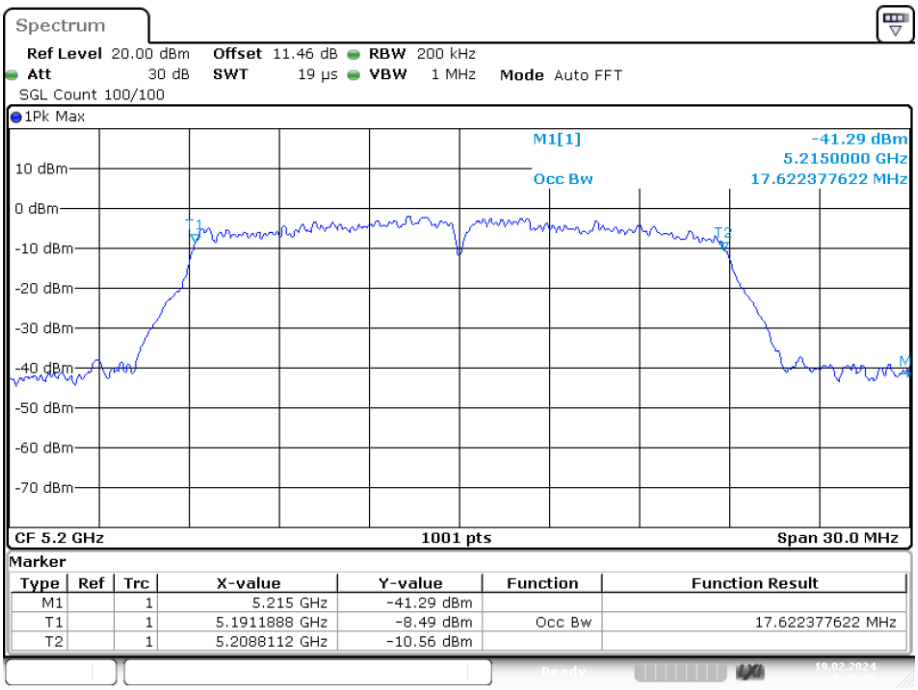
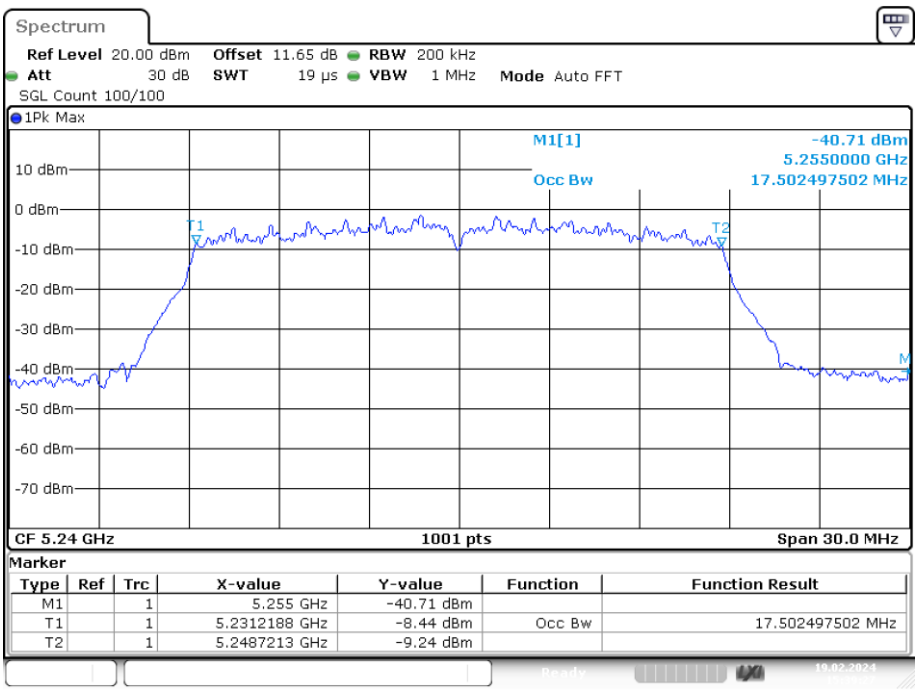
OBW NVNT n20 5200MHz Ant1



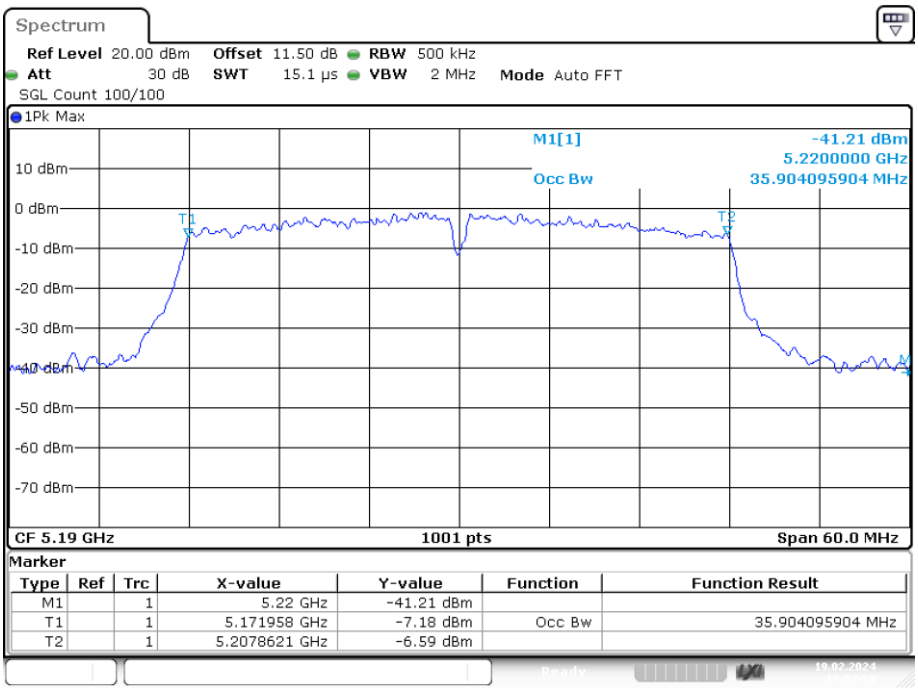
Date: 19.FEB.2024 15:36:15

OBW NVNT n20 5240MHz Ant1



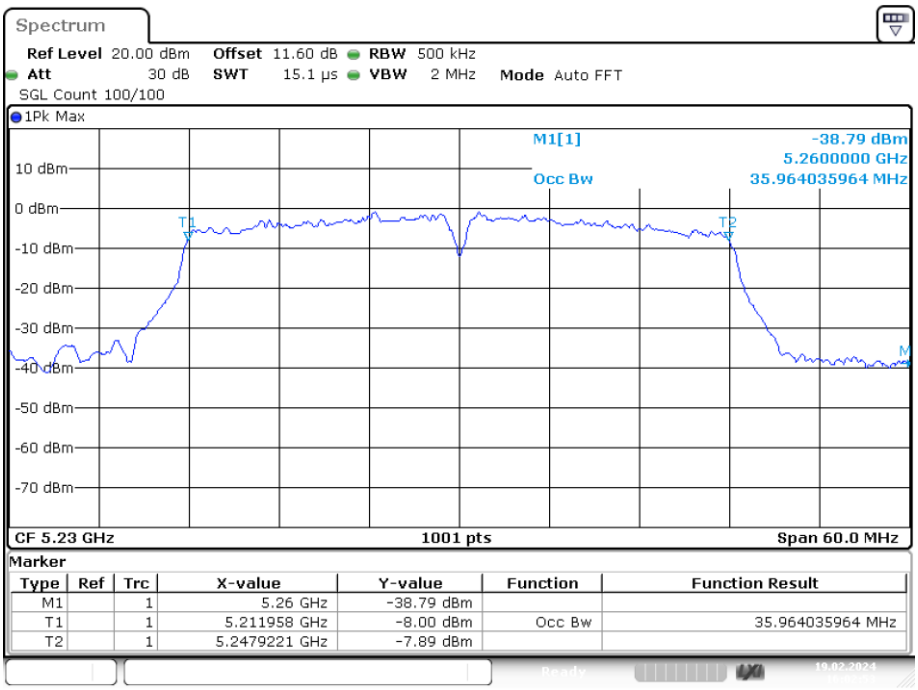
Date: 19.FEB.2024 15:39:26

OBW NVNT n40 5190MHz Ant1



Date: 19.FEB.2024 15:57:59

OBW NVNT n40 5230MHz Ant1

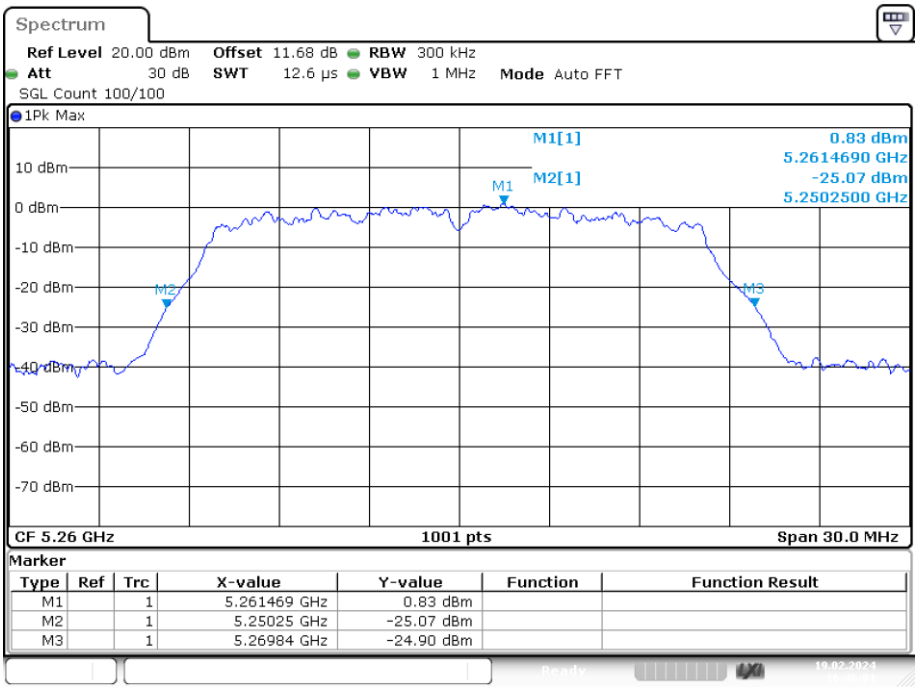


Date: 19.FEB.2024 16:02:53

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

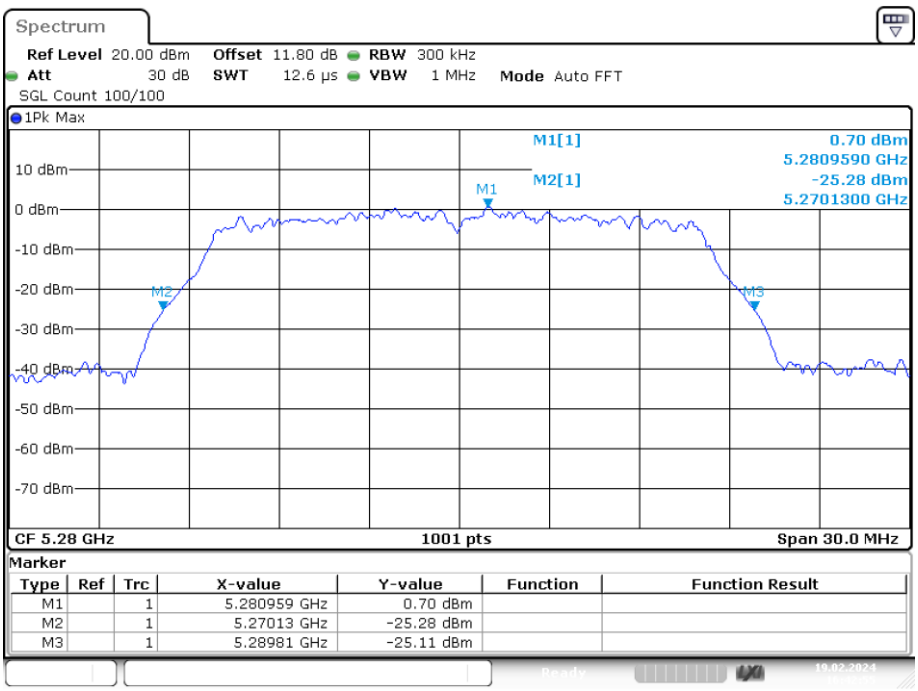
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.59	/	Pass
NVNT	a	5280	Ant1	19.68	/	Pass
NVNT	a	5320	Ant1	19.98	/	Pass
NVNT	ac20	5260	Ant1	20.16	/	Pass
NVNT	ac20	5280	Ant1	19.98	/	Pass
NVNT	ac20	5320	Ant1	20.25	/	Pass
NVNT	ac40	5270	Ant1	40.02	/	Pass
NVNT	ac40	5310	Ant1	39.3	/	Pass
NVNT	ac80	5290	Ant1	79.2	/	Pass
NVNT	n20	5260	Ant1	19.83	/	Pass
NVNT	n20	5280	Ant1	20.25	/	Pass
NVNT	n20	5320	Ant1	20.55	/	Pass
NVNT	n40	5270	Ant1	39.72	/	Pass
NVNT	n40	5310	Ant1	39.18	/	Pass

-26dB Bandwidth NVNT a 5260MHz Ant1



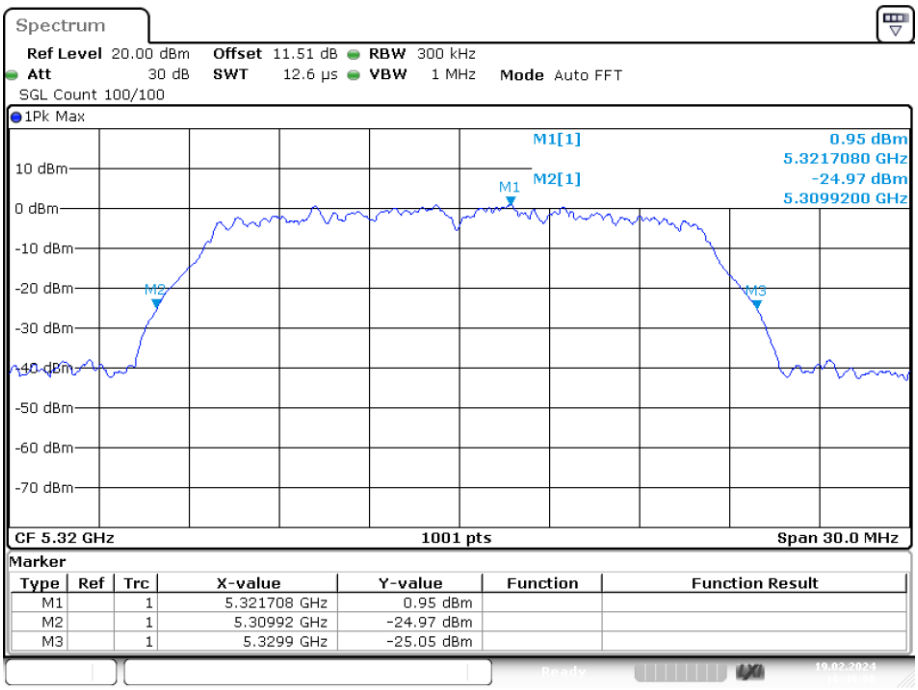
Date: 19.FEB.2024 16:46:01

-26dB Bandwidth NVNT a 5280MHz Ant1



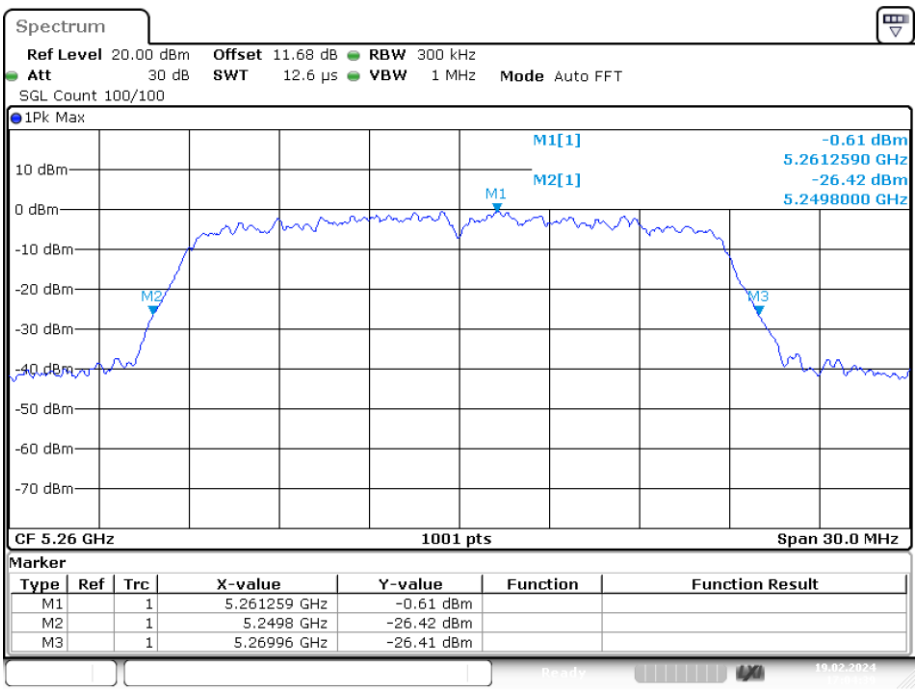
Date: 19.FEB.2024 16:42:54

-26dB Bandwidth NVNT a 5320MHz Ant1



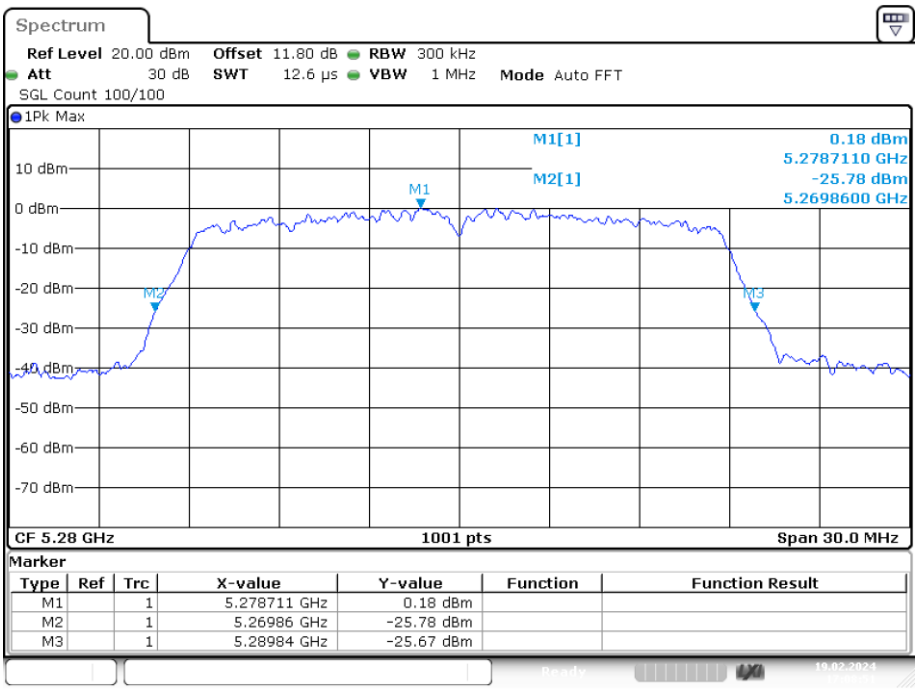
Date: 19.FEB.2024 16:49:08

-26dB Bandwidth NVNT ac20 5260MHz Ant1



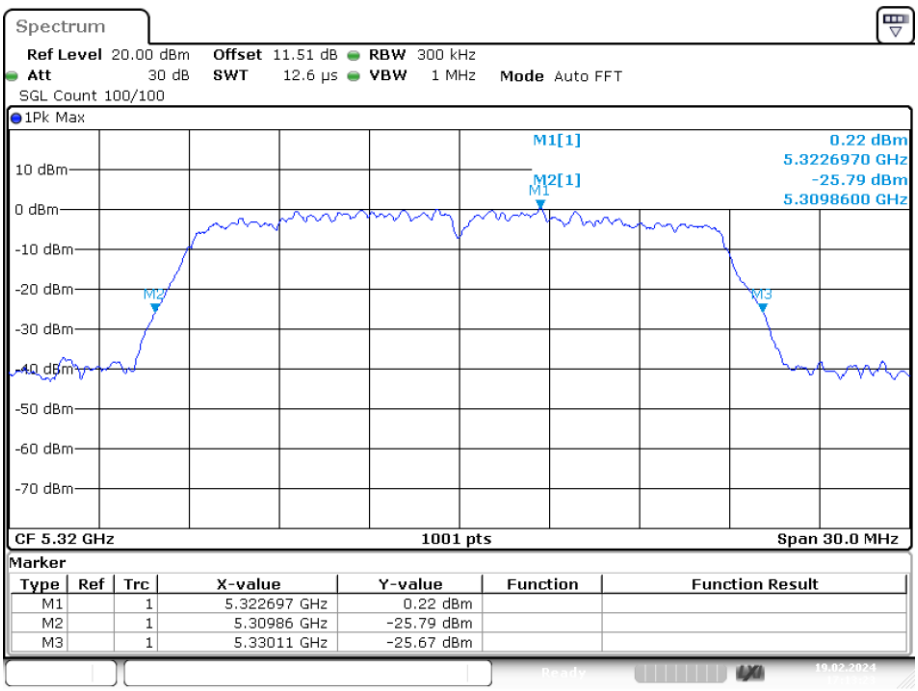
Date: 19.FEB.2024 17:04:38

-26dB Bandwidth NVNT ac20 5280MHz Ant1



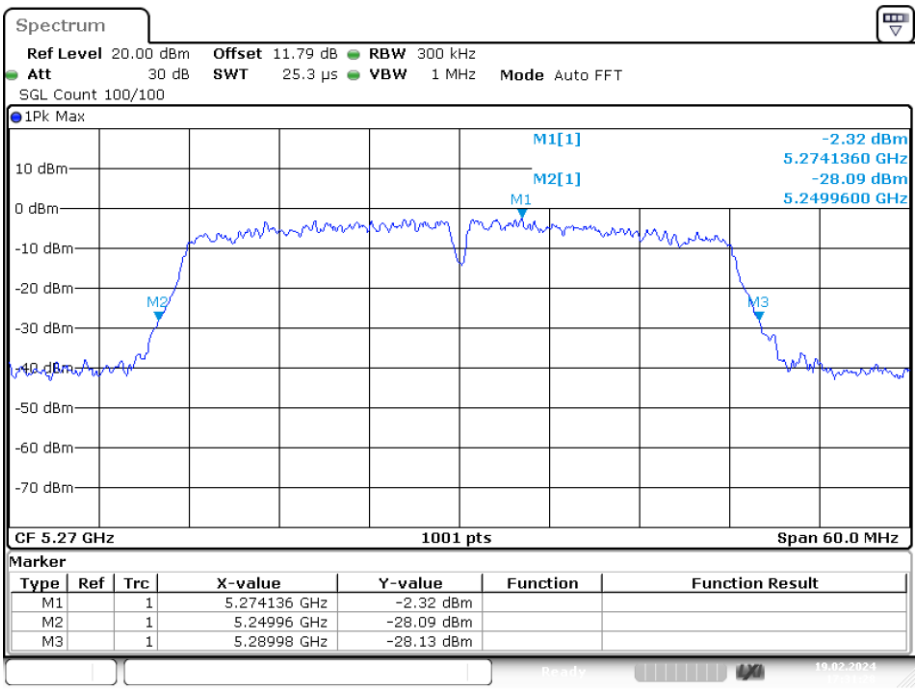
Date: 19.FEB.2024 17:08:51

-26dB Bandwidth NVNT ac20 5320MHz Ant1



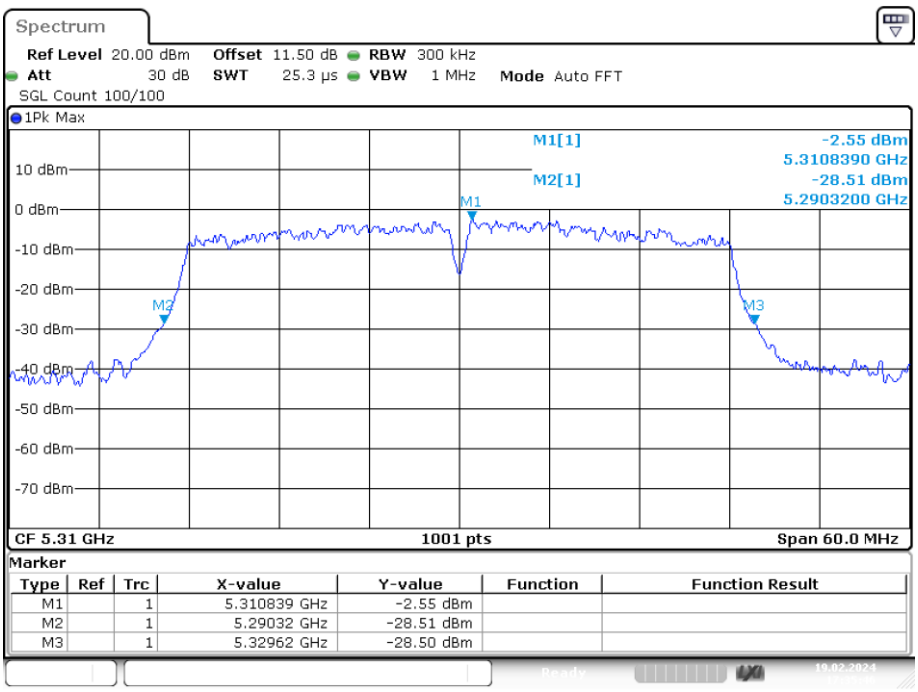
Date: 19.FEB.2024 17:13:23

-26dB Bandwidth NVNT ac40 5270MHz Ant1



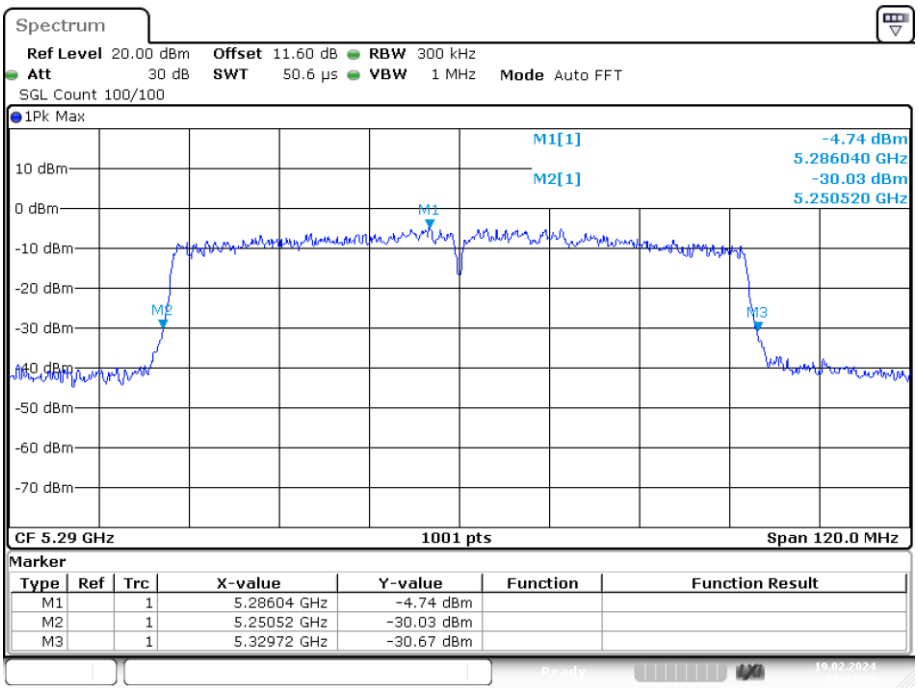
Date: 19.FEB.2024 17:31:28

-26dB Bandwidth NVNT ac40 5310MHz Ant1



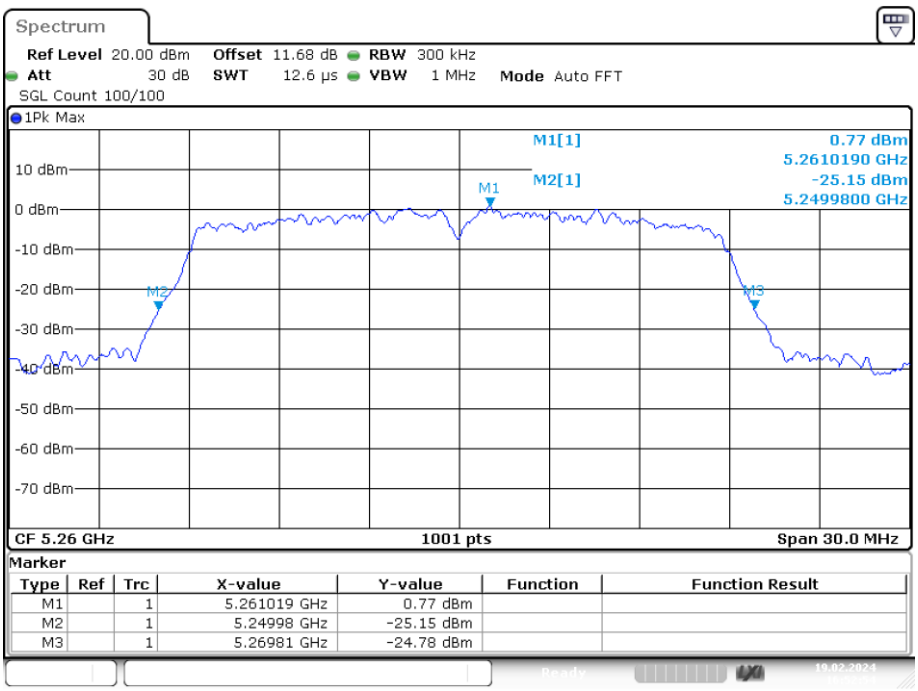
Date: 19.FEB.2024 17:35:46

-26dB Bandwidth NVNT ac80 5290MHz Ant1



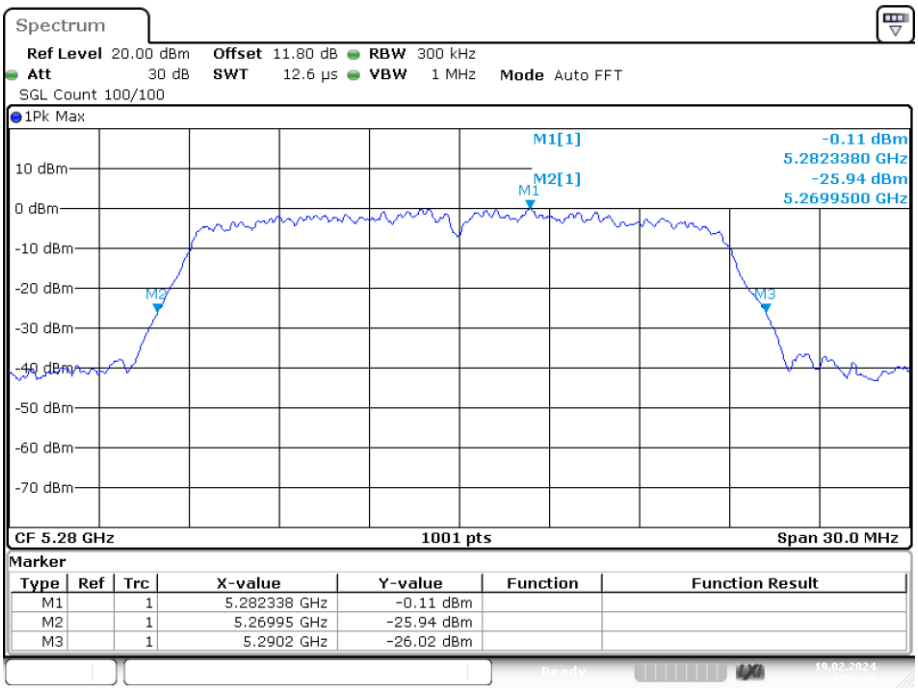
Date: 19.FEB.2024 17:42:59

-26dB Bandwidth NVNT n20 5260MHz Ant1



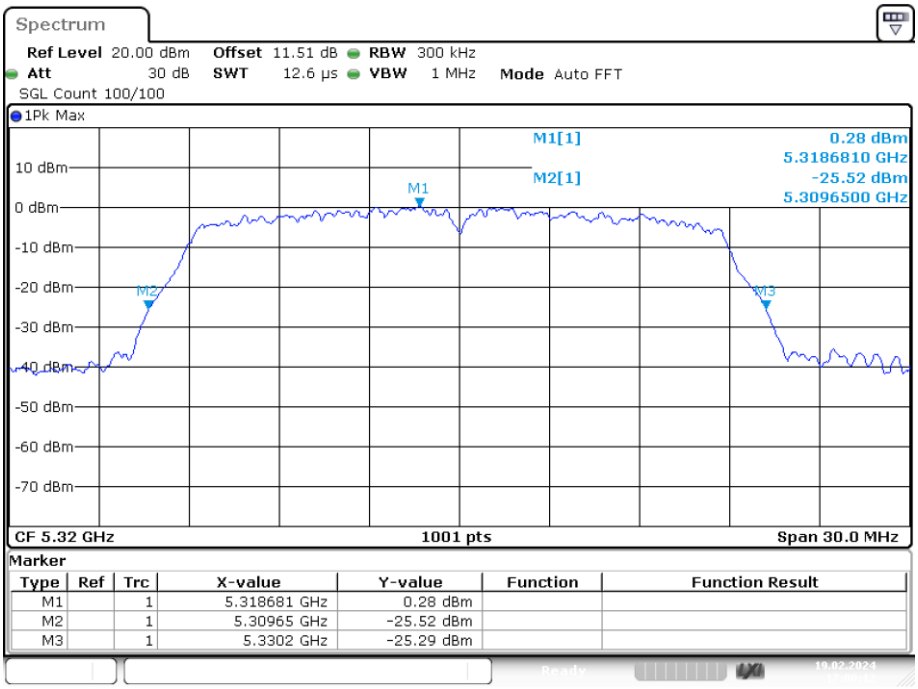
Date: 19.FEB.2024 16:52:54

-26dB Bandwidth NVNT n20 5280MHz Ant1



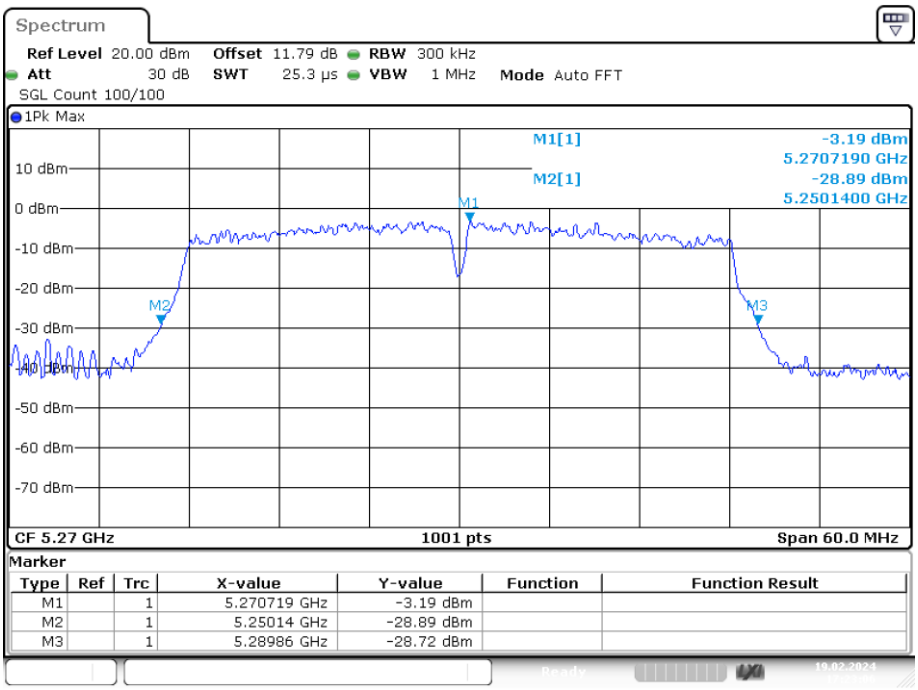
Date: 19.FEB.2024 16:56:33

-26dB Bandwidth NVNT n20 5320MHz Ant1



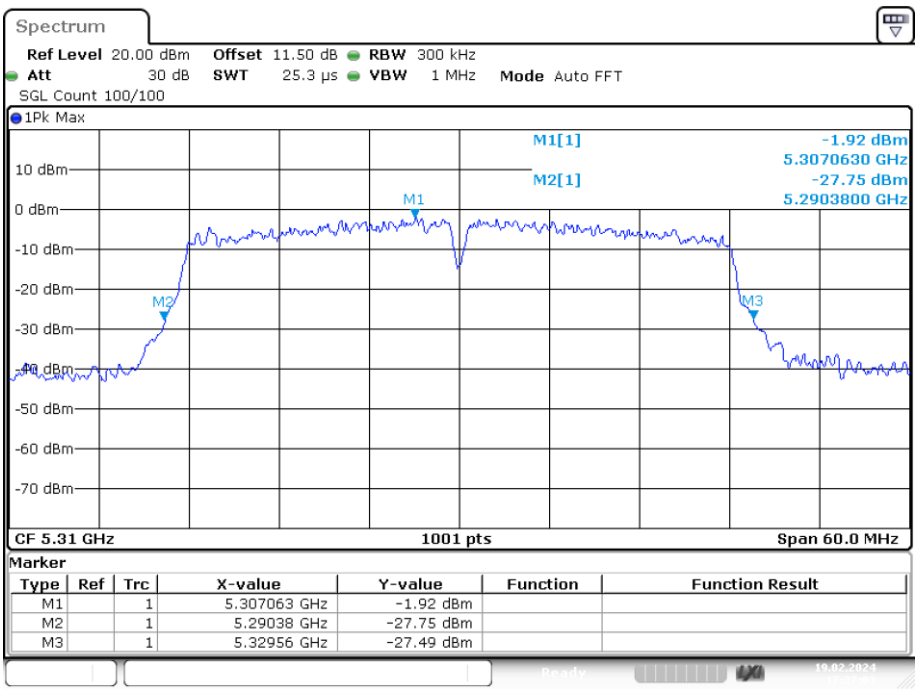
Date: 19.FEB.2024 17:00:11

-26dB Bandwidth NVNT n40 5270MHz Ant1



Date: 19.FEB.2024 17:23:05

-26dB Bandwidth NVNT n40 5310MHz Ant1

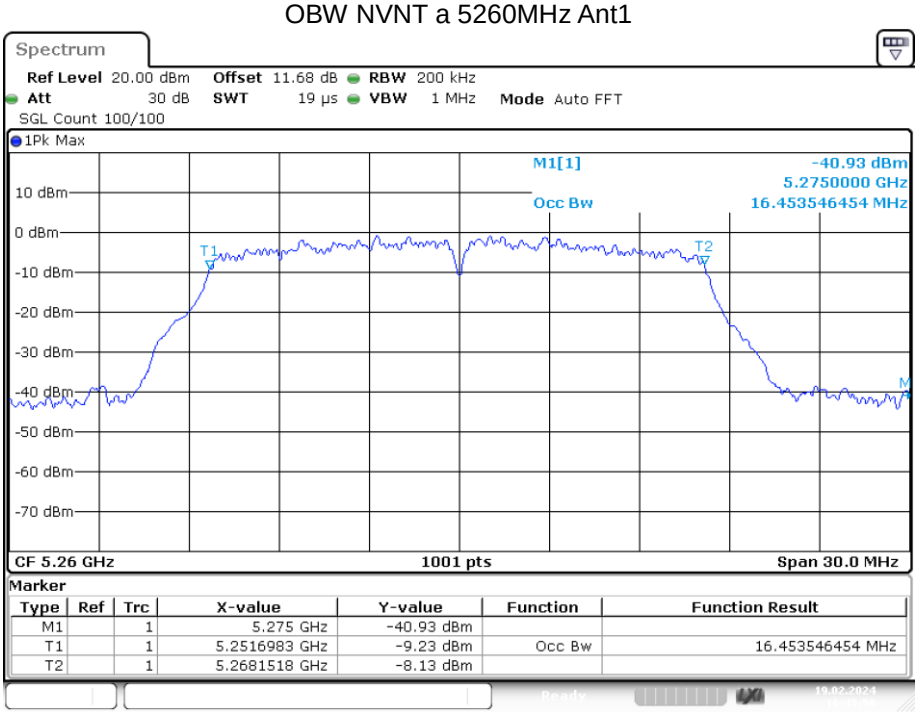


Date: 19.FEB.2024 17:27:03

Occupied Channel Bandwidth

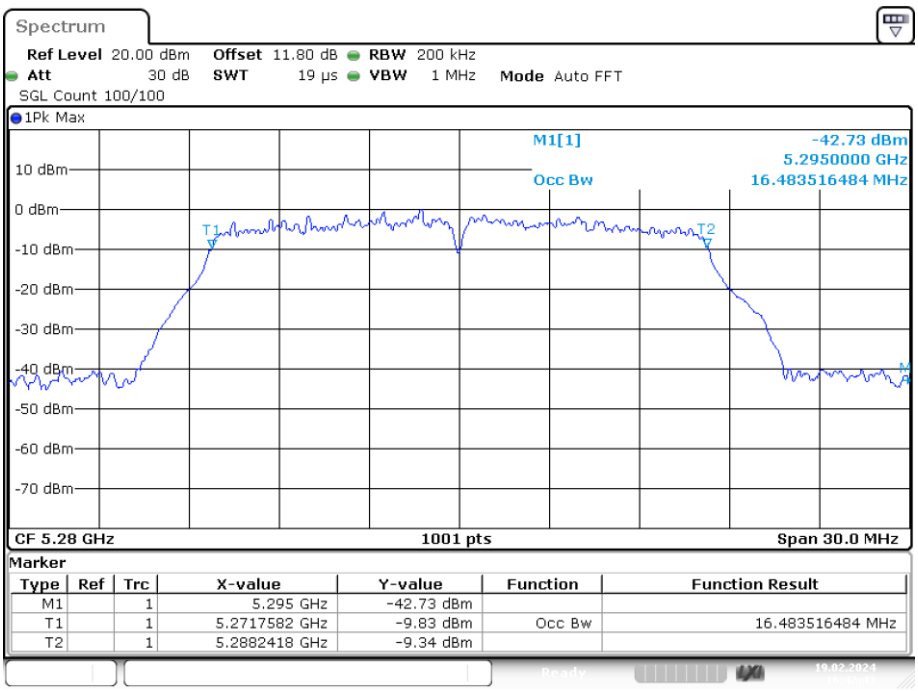
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.454
NVNT	a	5280	Ant1	16.484
NVNT	a	5320	Ant1	16.484
NVNT	ac20	5260	Ant1	17.682
NVNT	ac20	5280	Ant1	17.532
NVNT	ac20	5320	Ant1	17.502
NVNT	ac40	5270	Ant1	36.024
NVNT	ac40	5310	Ant1	35.904
NVNT	ac80	5290	Ant1	75.405
NVNT	n20	5260	Ant1	17.562
NVNT	n20	5280	Ant1	17.532
NVNT	n20	5320	Ant1	17.532
NVNT	n40	5270	Ant1	36.084
NVNT	n40	5310	Ant1	35.964

OBW NVNT a 5260MHz Ant1



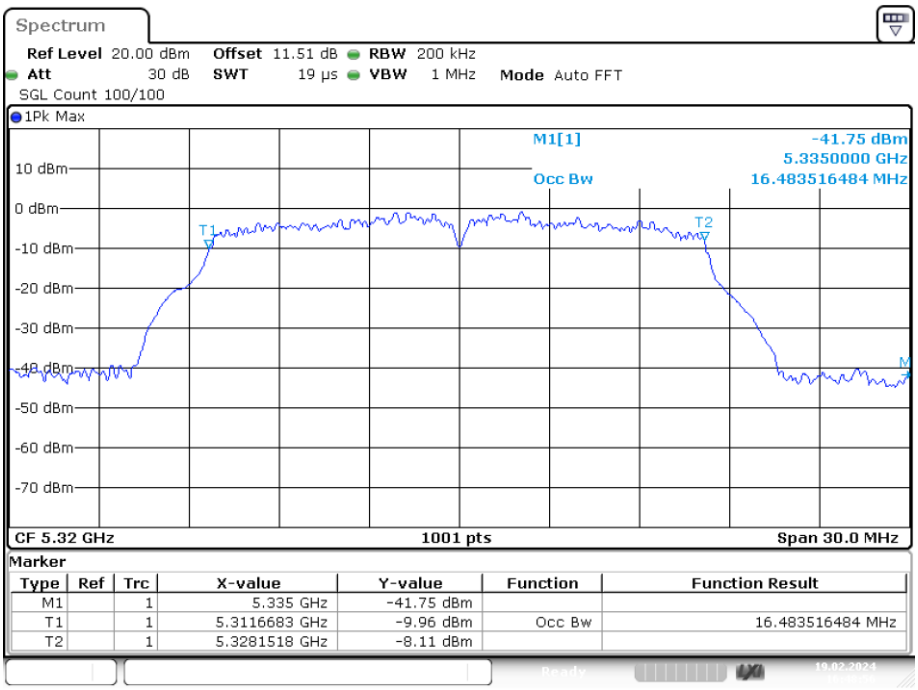
Date: 19.FEB.2024 16:45:50

OBW NVNT a 5280MHz Ant1



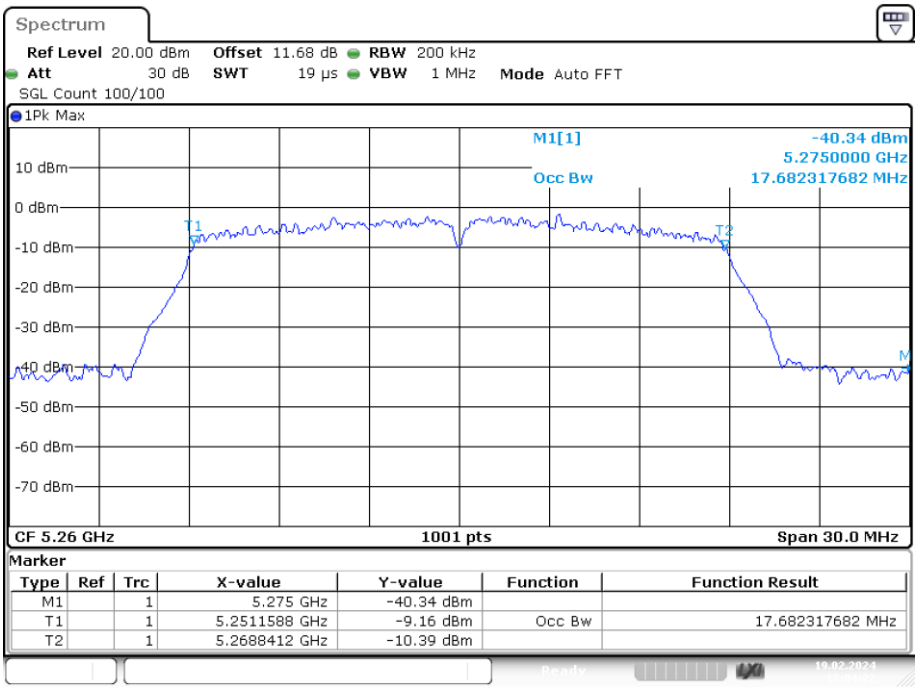
Date: 19.FEB.2024 16:42:43

OBW NVNT a 5320MHz Ant1



Date: 19.FEB.2024 16:48:56

OBW NVNT ac20 5260MHz Ant1



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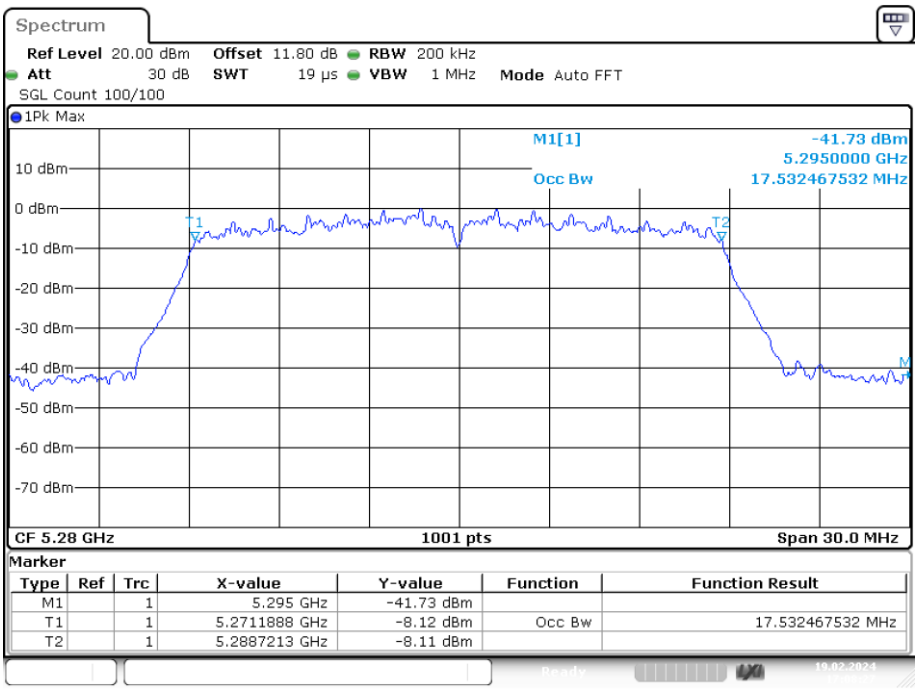
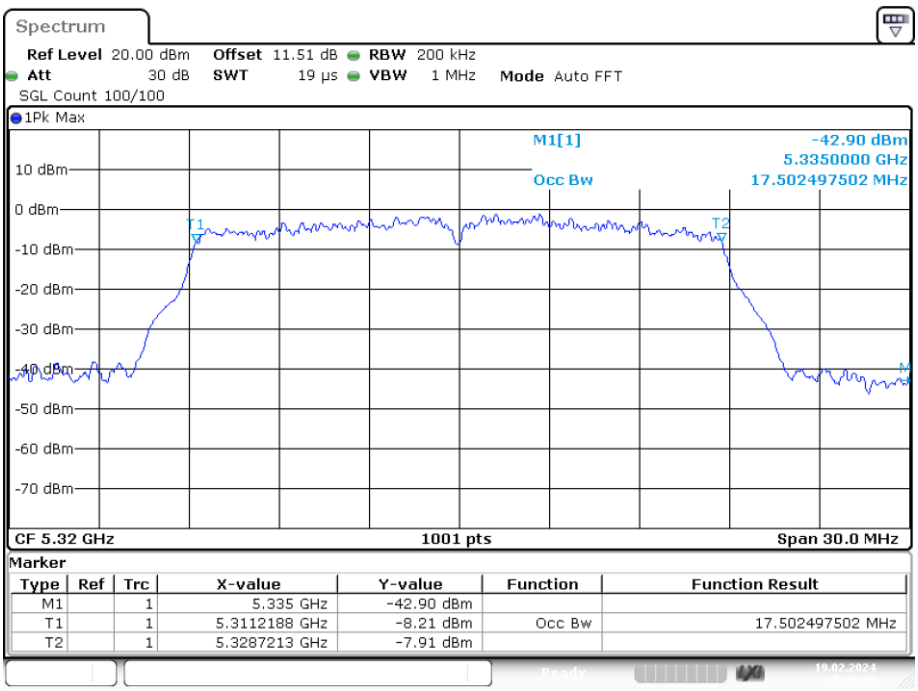
OBW NVNT ac20 5280MHz Ant1



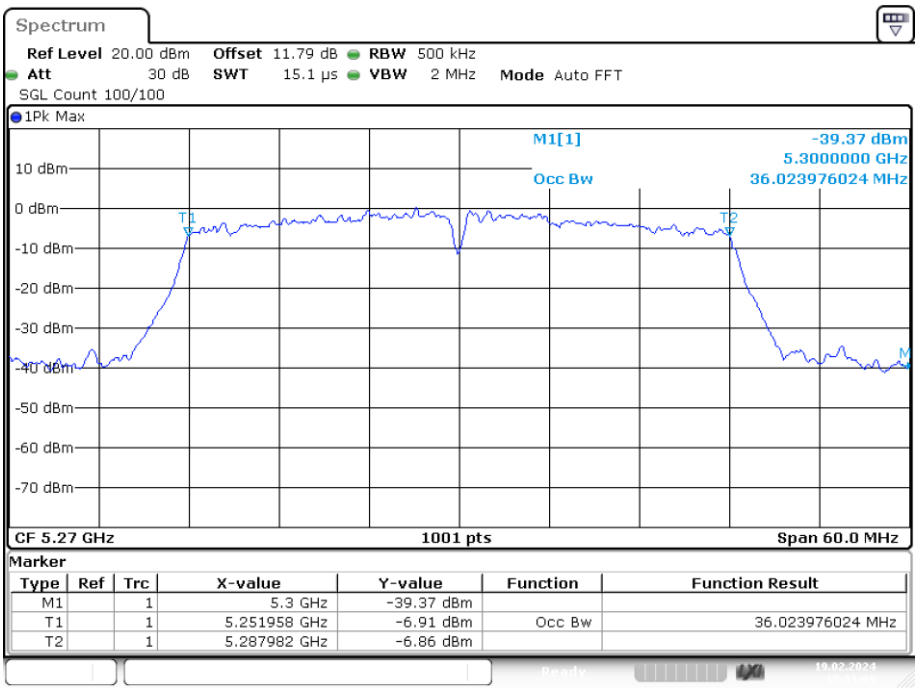
Date: 19.FEB.2024 17:08:27

OBW NVNT ac20 5320MHz Ant1



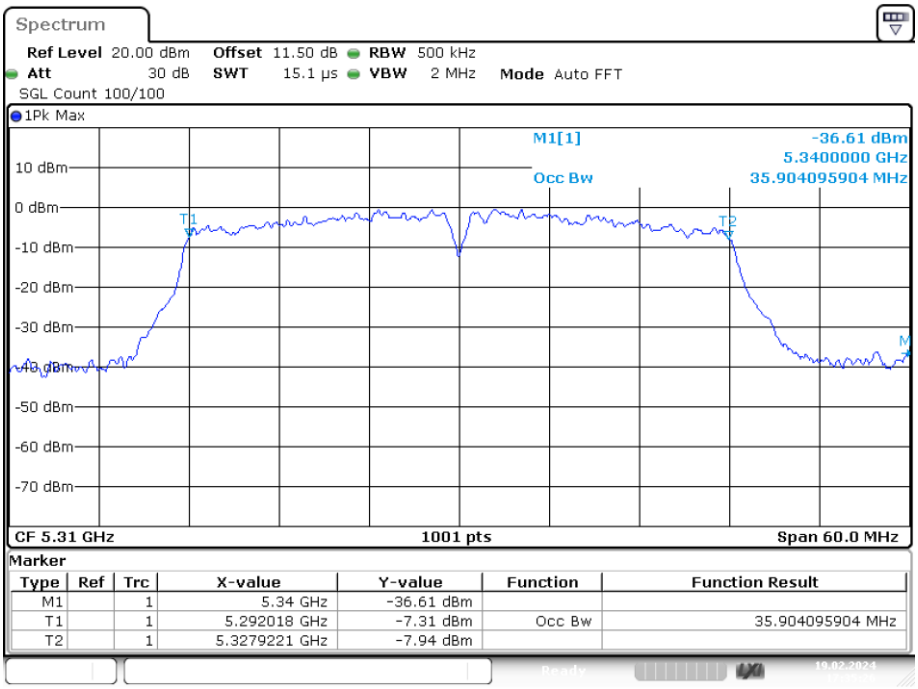
Date: 19.FEB.2024 17:13:08

OBW NVNT ac40 5270MHz Ant1



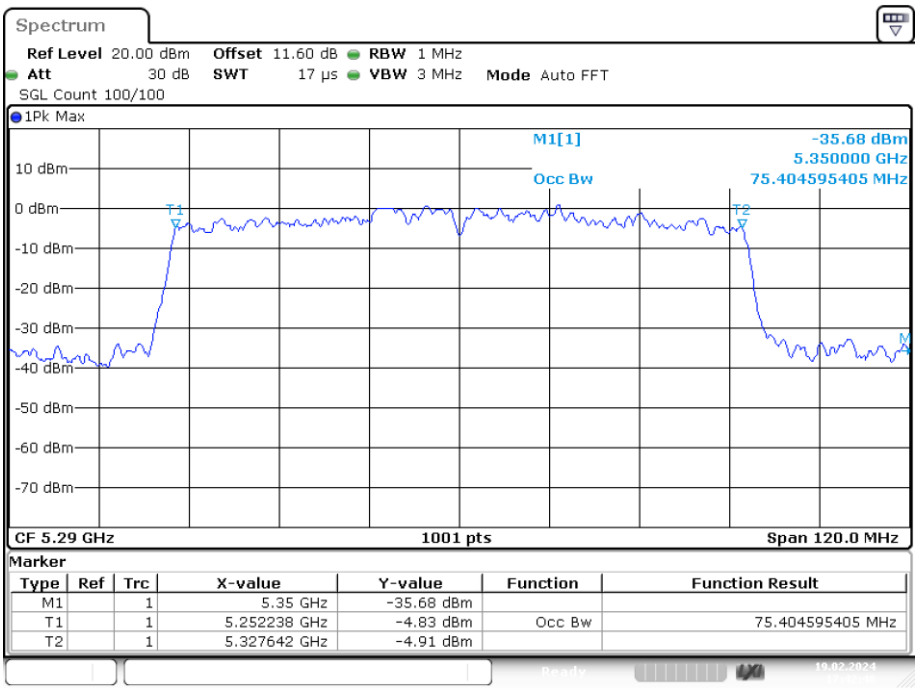
Date: 19.FEB.2024 17:31:08

OBW NVNT ac40 5310MHz Ant1



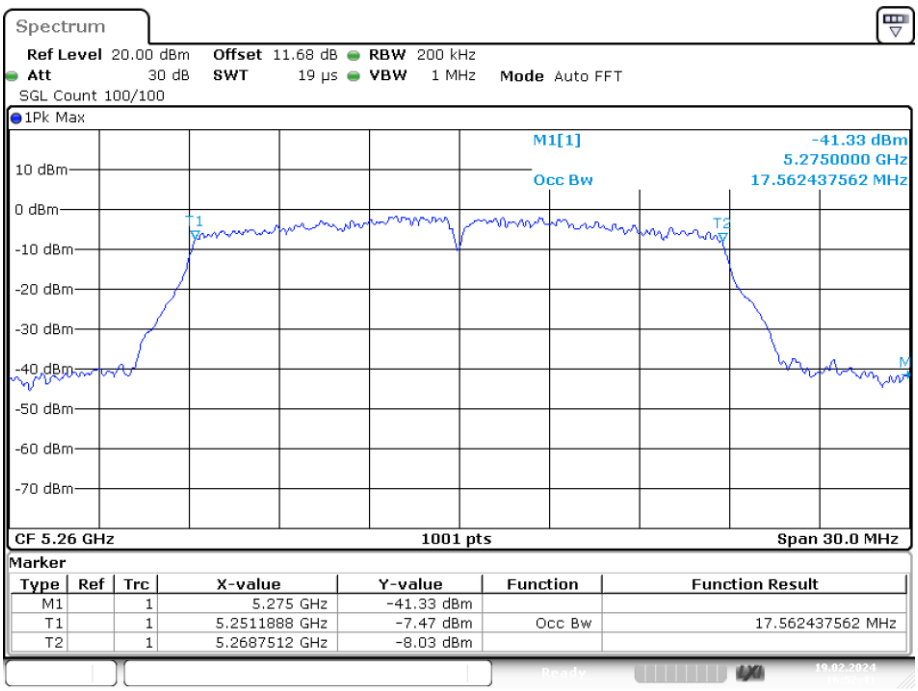
Date: 19.FEB.2024 17:35:26

OBW NVNT ac80 5290MHz Ant1



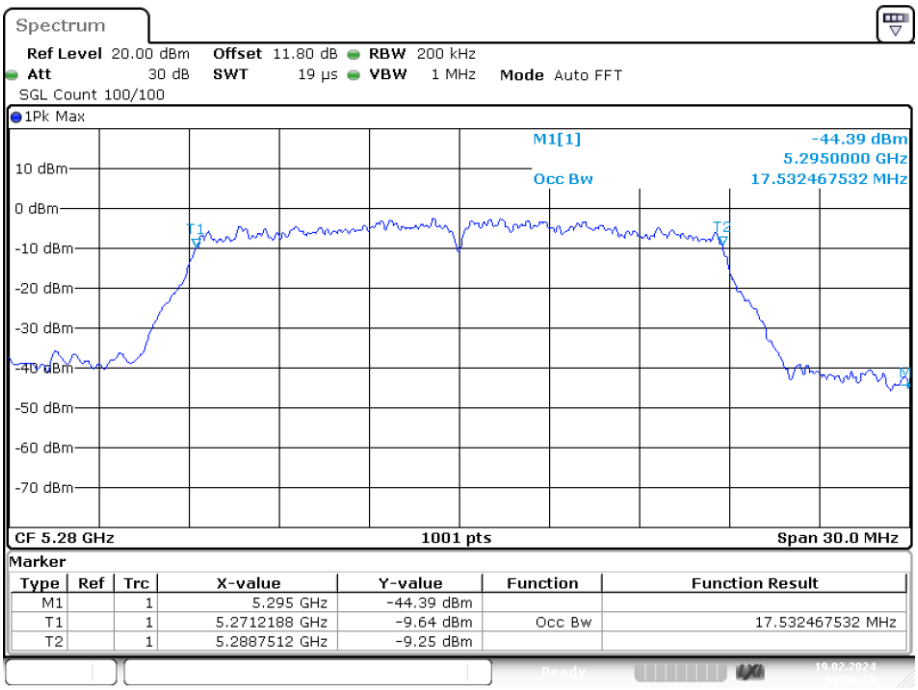
Date: 19.FEB.2024 17:42:48

OBW NVNT n20 5260MHz Ant1



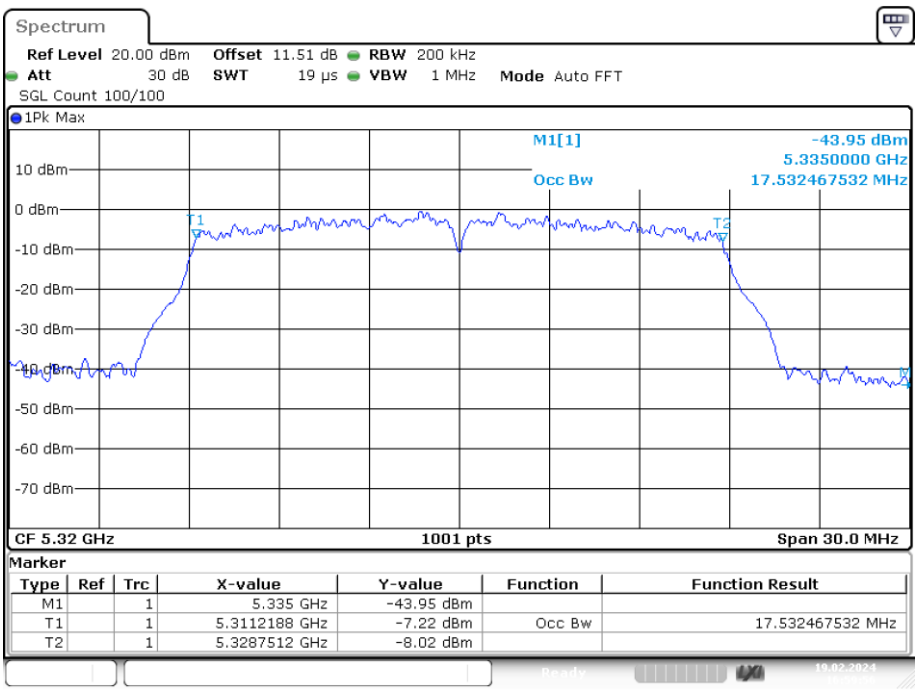
Date: 19.FEB.2024 16:52:41

OBW NVNT n20 5280MHz Ant1



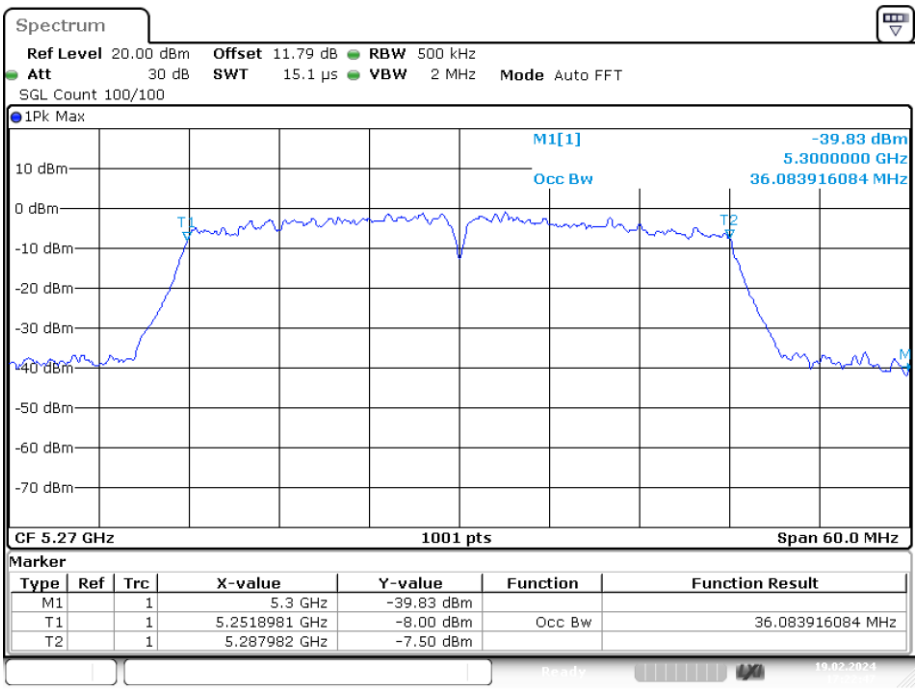
Date: 19.FEB.2024 16:56:19

OBW NVNT n20 5320MHz Ant1



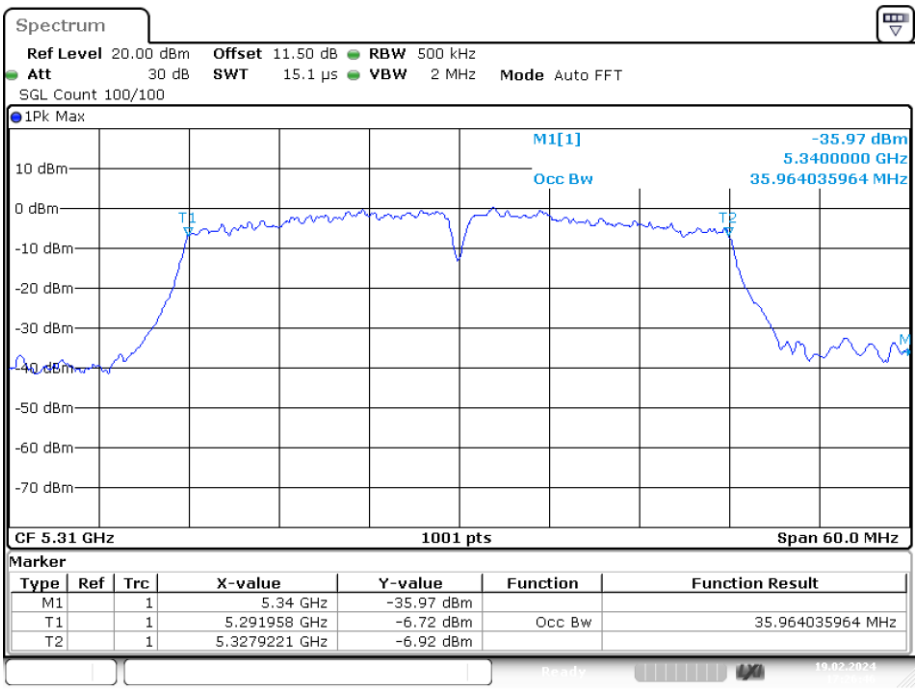
Date: 19.FEB.2024 16:59:55

OBW NVNT n40 5270MHz Ant1



Date: 19.FEB.2024 17:22:47

OBW NVNT n40 5310MHz Ant1

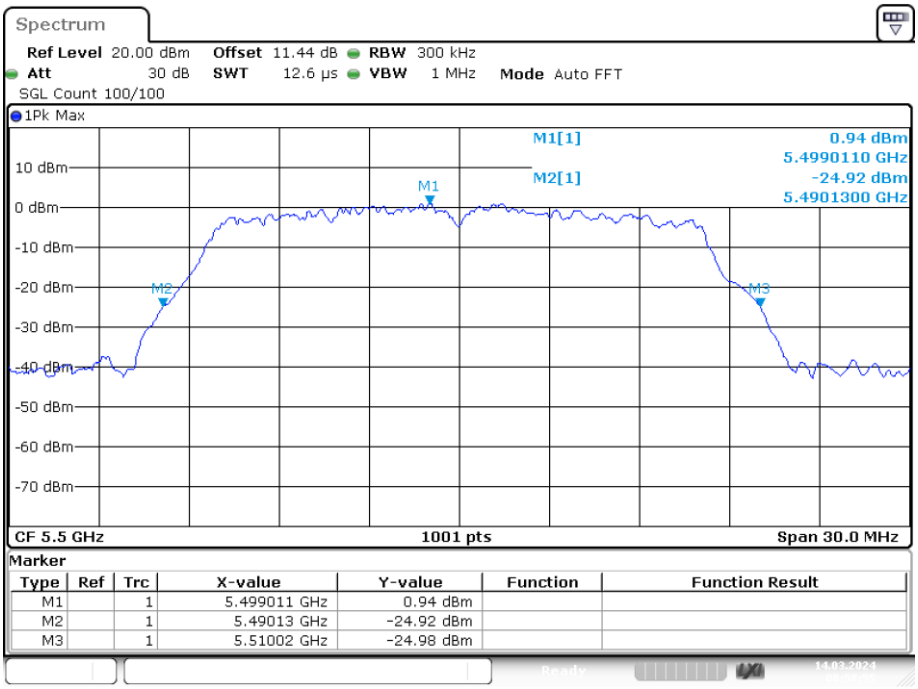


Date: 19.FEB.2024 17:26:45

Band 3 (5500-5700 MHz):
-26dB Bandwidth

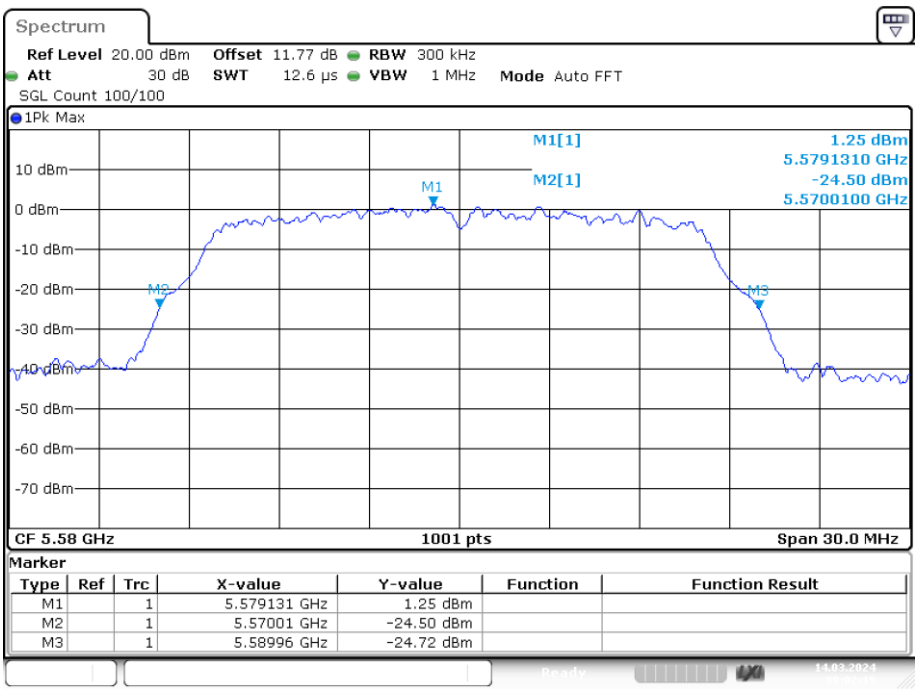
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	19.89	/	Pass
NVNT	a	5580	Ant1	19.95	/	Pass
NVNT	a	5700	Ant1	20.1	/	Pass
NVNT	ac20	5500	Ant1	20.13	/	Pass
NVNT	ac20	5580	Ant1	20.46	/	Pass
NVNT	ac20	5700	Ant1	20.13	/	Pass
NVNT	ac40	5510	Ant1	39.66	/	Pass
NVNT	ac40	5670	Ant1	39.18	/	Pass
NVNT	ac80	5530	Ant1	78.84	/	Pass
NVNT	n20	5500	Ant1	20.13	/	Pass
NVNT	n20	5580	Ant1	20.31	/	Pass
NVNT	n20	5700	Ant1	20.13	/	Pass
NVNT	n40	5510	Ant1	39.18	/	Pass
NVNT	n40	5670	Ant1	39.42	/	Pass

-26dB Bandwidth NVNT a 5500MHz Ant1



Date: 14.MAR.2024 08:58:54

-26dB Bandwidth NVNT a 5580MHz Ant1



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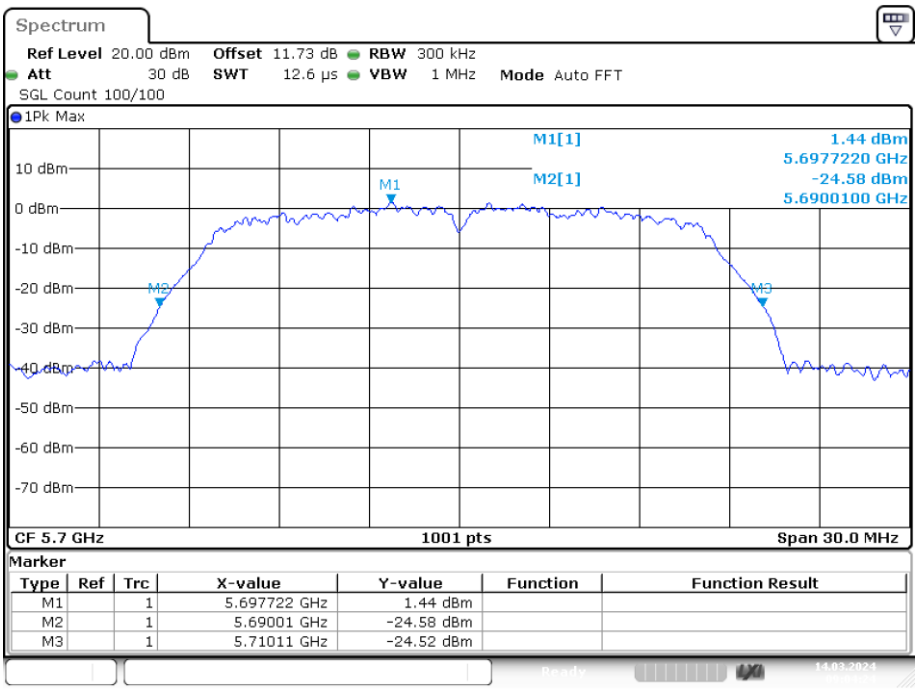
-26dB Bandwidth NVNT a 5700MHz Ant1



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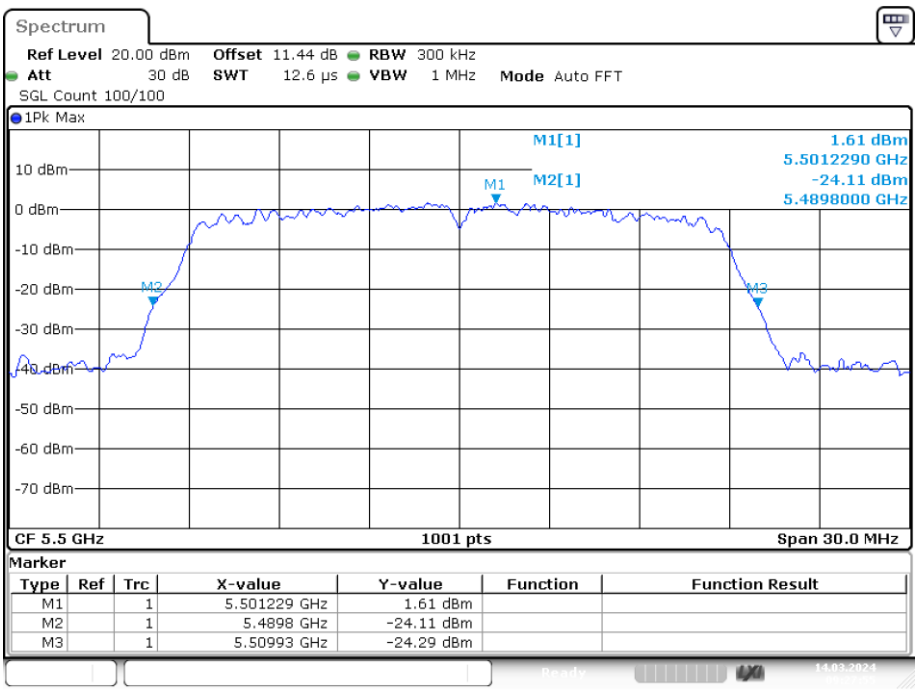
-26dB Bandwidth NVNT ac20 5500MHz Ant1



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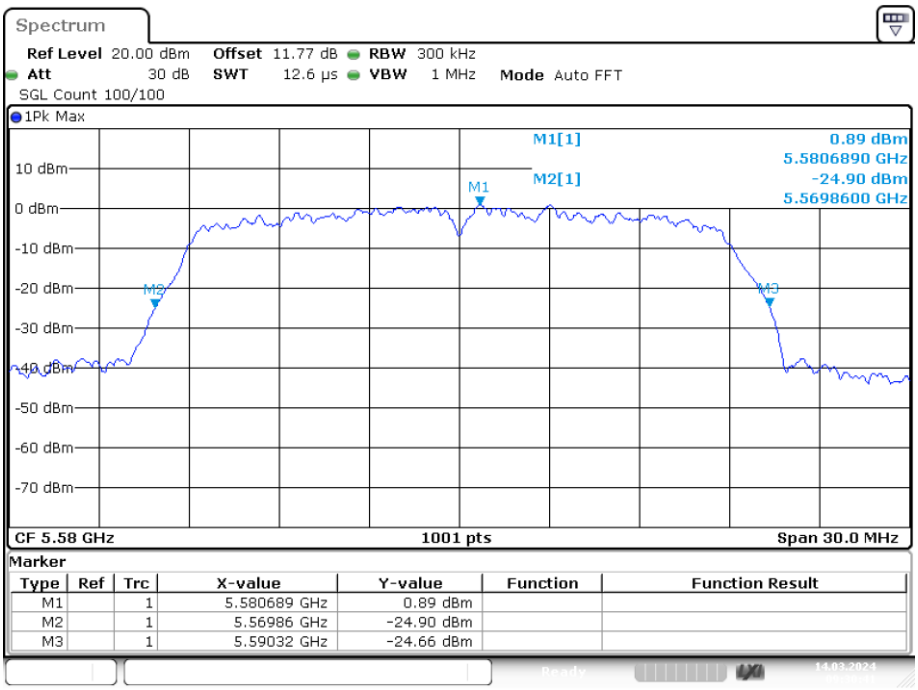
-26dB Bandwidth NVNT ac20 5580MHz Ant1



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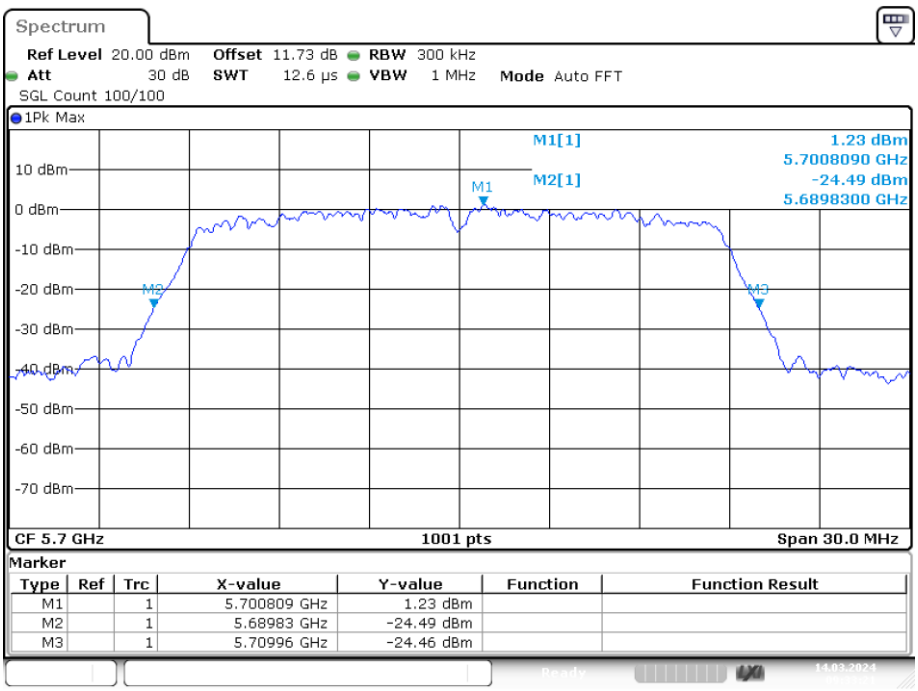
-26dB Bandwidth NVNT ac20 5700MHz Ant1



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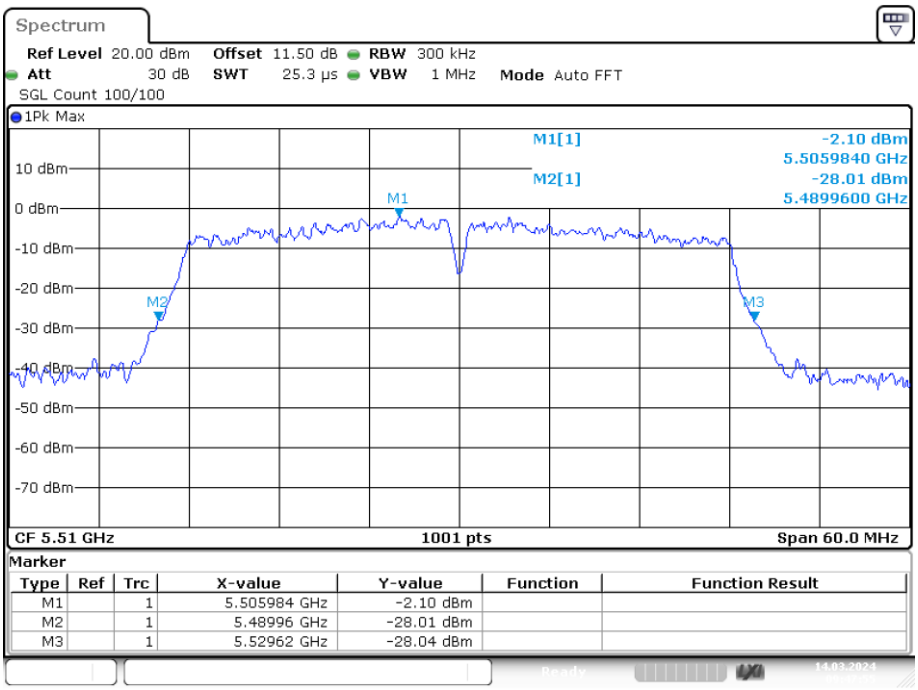
-26dB Bandwidth NVNT ac40 5510MHz Ant1



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