



FCC TEST REPORT
FCC ID: 2BN84-AC401

On Behalf of

Shenzhen Aocai Technology Co., LTD

LED projector

Model No.: AC401, AC220, AC230, AC221, AC223, AC231,
AC233, AC201, AC203, AC271, AC273, AC321, AC323, AC561,
AC563, AC571, AC573, AC691, AC693

Prepared for : Shenzhen Aocai Technology Co., LTD
Address : 701/601, Building A9, Longwangmiao Industrial Building, East
Baishisha Community, 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, 518103,
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Date of Receipt : December 29, 2025
Date of Test : December 29, 2025 - January 28, 2026
Date of Report : January 28, 2026
Version Number : V0
Test Result : Pass

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TEST REPORT DECLARATION

Applicant : Shenzhen Aocai Technology Co., LTD
Address : 701/601, Building A9, Longwangmiao Industrial Building, East Baishisha
Community, Fuyong Street, Baoan District, Shenzhen
Manufacturer : Shenzhen Aocai Technology Co., LTD
Address : 701/601, Building A9, Longwangmiao Industrial Building, East Baishisha
Community, Fuyong Street, Baoan District, Shenzhen
EUT Description : LED projector
(A) Model No. : AC401, AC220, AC230, AC221, AC223, AC231,
AC233, AC201, AC203, AC271, AC273, AC321,
AC323, AC561, AC563, AC571, AC573, AC691,
AC693
(B) Trademark : N/A

Measurement Standard Used:

FCC Rules and Regulations Part 15 Subpart E, ANSI C63.10:2020

KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

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 
Approved by (name + signature).....: Jack Xu
Project Manager 
Date of issue.....: January 28, 2026

Revision History

Revision	Issue Date	Revisions	Revised By
V0	January 28, 2026	Initial released Issue	Yannis Wen

1 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	Section 15.203	PASS
AC Power Line Conducted Emission	Section 15.207(a)	PASS
Maximum Conducted Output Power	Section 15.407(a) (c) (g)	PASS
Power Spectral Density	Section 15.407(a) (c) (g)	PASS
Undesirable Emission	Section 15.407(b) (c) (g)	PASS
Conducted Spurious Emission	Section 15.407(b) (c) (g)	PASS
Radiated Emission	15.205&15.209 (a)	PASS
Conducted Band Edge	Section 15.407(b) (c) (g)	PASS
Radiated Band Edge	15.205&15.209 (a)	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°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.	: AC401, AC220, AC230, AC221, AC223, AC231, AC233, AC201, AC203, AC271, AC273, AC321, AC323, AC561, AC563, AC571, AC573, AC691, AC693
DIFF.	: There is no difference except the name of the model. All tests are made with the AC401 model.
Power supply	: AC 120V from power line.

Radio Technology	: 5G WIFI
Operation Frequency	: 802.11a/n(HT20)/ac(VHT20)/ax(HE20): 5180~5240MHz; 5745~5825MHz 802.11n(HT40)/ac(VHT40)/ax(HE40): 5190~5230MHz; 5755~5795MHz
Channel separation	: 20MHz for 802.11a/ 802.11ac(VHT20)/ 802.11n(HT20)/ 802.11ax(HE20) 40MHz for 802.11ac(VHT40)/ 802.11n(HT40)/ 802.11ax(HE40)
Modulation technology:	: IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (64QAM, 16QAM, 256QAM, QPSK, BPSK) IEEE 802.11ax :OFDMA (64QAM, 16QAM, QPSK, BPSK, 256QAM, 1024QAM)
Antenna Type	: Internal antenna, Maximum Gain is 5.83dBi (Antenna information 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

Band 1: 5150-5250MHz			
Mode	data rate (Mbps)(see Note)	Channel	Frequency (MHz)
IEEE 802.11a	6	Low	5180
	6	Middle	5200
	6	High	5240
IEEE 802.11n(HT20)	MCS0	Low	5180
	MCS0	Middle	5200
	MCS0	High	5240
IEEE 802.11ac(VHT20)	MCS0	Low	5180
	MCS0	Middle	5200
	MCS0	High	5240
IEEE 802.11ax(HE20)	MCS0	Low	5180
	MCS0	Middle	5200
	MCS0	High	5240
IEEE 802.11n(HT40)	MCS0	Low	5190
	MCS0	High	5230
IEEE 802.11ac(VHT40)	MCS0	Low	5190
	MCS0	High	5230
IEEE 802.11ax(HE40)	MCS0	Low	5190
	MCS0	High	5230
Band 4: 5725-5825MHz			
Mode	data rate (Mbps)(see Note)	Channel	Frequency
IEEE 802.11a	6	Low	5745
	6	Middle	5785
	6	High	5825
IEEE 802.11n(HT20)	MCS0	Low	5745
	MCS0	Middle	5785
	MCS0	High	5825
IEEE 802.11ac(VHT20)	MCS0	Low	5745
	MCS0	Middle	5785
	MCS0	High	5825
IEEE 802.11ax(HE20)	MCS0	Low	5745
	MCS0	Middle	5785
	MCS0	High	5825
IEEE 802.11n(HT40)	MCS0	Low	5755
	MCS0	High	5795
IEEE 802.11ac(VHT40)	MCS0	Low	5755
	MCS0	High	5795
IEEE 802.11ax(HE40)	MCS0	Low	5755
	MCS0	High	5795

Remark: 1. 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. The 802.11ax mode is investigated among different tones (26/52/106/242-tone RU channel), full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

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

2.4 Description of Support Units

Accessories : /

Manufacturer : /

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

Note: Using QRCT testing software to control EUT operation in continuous TX mode, the test software version is V4.0, and select test channel, wireless mode, The power level for the test is set to Default.

3 Test Instruments list

Equipment	Manufacturer	Model No.	Firmware version	Serial No.	Last Cal.	Cal. Due day
9*6*6 anechoic chamber	CHENYU	9*6*6	/	N/A	2025.03.09	4Year
4*4*3 Shielded room	CHENYU	4*4*3	/	N/A	2025.03.09	4Year
Spectrum analyzer	ROHDE&SCHWARZ	FSV40-N	2.3	102137	2025.08.04	1Year
Spectrum analyzer	Agilent	N9020A	A.14.16	MY499100060	2025.08.04	1Year
Spectrum analyzer	Keysight	N9020A	A.19.05	MY54500254	2025.08.04	1Year
CMW500	ROHDE&SCHWARZ	CMW500	V 3.7.20	1201.0002K50 -149889-wL	2025.08.04	1Year
CMW500	ROHDE&SCHWARZ	CMW500	V 3.7.22	1201.0002K50 -117239-sM	2025.08.04	1Year
UXM 5G Base Wireless Test Platform	Keysight	E5175E	1.8.1.2908 2(NR)(LTE)	MY62226130	2025.03.06	1Year
Test Receiver	ROHDE&SCHWARZ	ESR	2.28 SP1	1316.3003K03 -102082-Wa	2025.08.04	1Year
Test Receiver	ROHDE&SCHWARZ	ESCI	4.42 SP1	101165	2025.08.04	1Year
Bilog Antenna	SCHWARZBECK	VULB 9168	/	VULB 9168#627	2025.08.11	2Year
Horn Antenna	SCHWARZBECK	BBHA 9120 D	/	2106	2025.08.11	2Year
Loop Antenna	SCHWARZBECK	FMZB 1519B	/	00128	2025.08.11	2Year
RF Cable	Resenberger	Cable 1	/	RE1	2025.08.04	1Year
RF Cable	Resenberger	Cable 2	/	RE2	2025.08.04	1Year
RF Cable	Resenberger	Cable 3	/	CE1	2025.08.04	1Year
Amplifier	HP	HP8347A	/	2834A00455	2025.08.04	1Year
Amplifier	Agilent	8449B	/	3008A02664	2025.08.04	1Year
L.I.S.N.#1	SCHWARZBECK	NSLK8126	/	8126-466	2025.08.04	1Year
L.I.S.N.#2	ROHDE&SCHWARZ	ENV216	/	101043	2025.08.04	1Year
Horn Antenna	SCHWARZBECK	BBHA 9170	/	00946	2025.08.11	2Year

Preamplifier	SKET	LNPA_1840-50	/	SK2018101801	2025.08.04	1 Year
Vector Signal Generator	Agilent	N5182A	/	MY49060042	2025.08.04	1 Year
Vector Signal Generator	Agilent	N5172B	2.02	MY51350397	2025.08.04	1 Year
Power Meter	Agilent	E4419B	/	GB40202122	2025.08.04	1 Year
Power Sensor	Agilent	E9300A	/	MY41496628	2025.08.04	1 Year
Power Sensor	Agilent	E9304A	/	MY41496815	2025.08.04	1 Year
Power Sensor	DARE	RPR3006W		15100041SNO91	2025.08.04	1 Year
Power Sensor	DARE	RPR3006W		15100041SNO92	2025.08.04	1 Year
Temp. & Humid. Chamber	Teelong	TL-HW408S	/	TL-20191205-01	2025.07.14	1 Year
Electronic Thermo-Hygrometer	S.H.Qixiang	HTC-1	/	N/A	2025.08.04	1 Year
Switching Mode Power Supply	JUNKE	JK12010S	/	20140927-6	2025.08.04	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

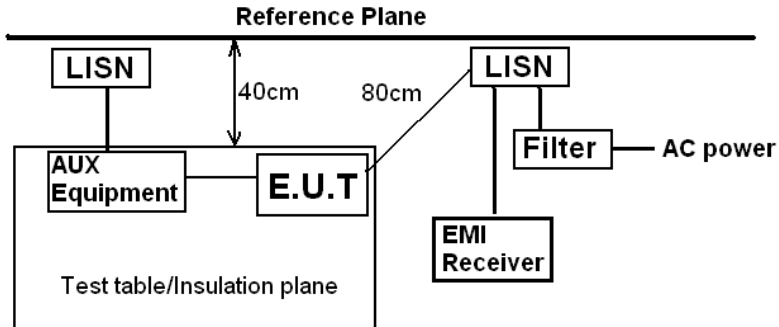
Software Information			
Test Item	Software Name	Manufacturer	Version
RE	EZ-EMC	Farad	Alpha-3A1
CE	EZ-EMC	Farad	Alpha-3A1
RF-CE	MTS 8310	MWRFtest	V2.0.0.0

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 5.83dBi for 5.15~5.25GHz, 5.725~5.85GHz	

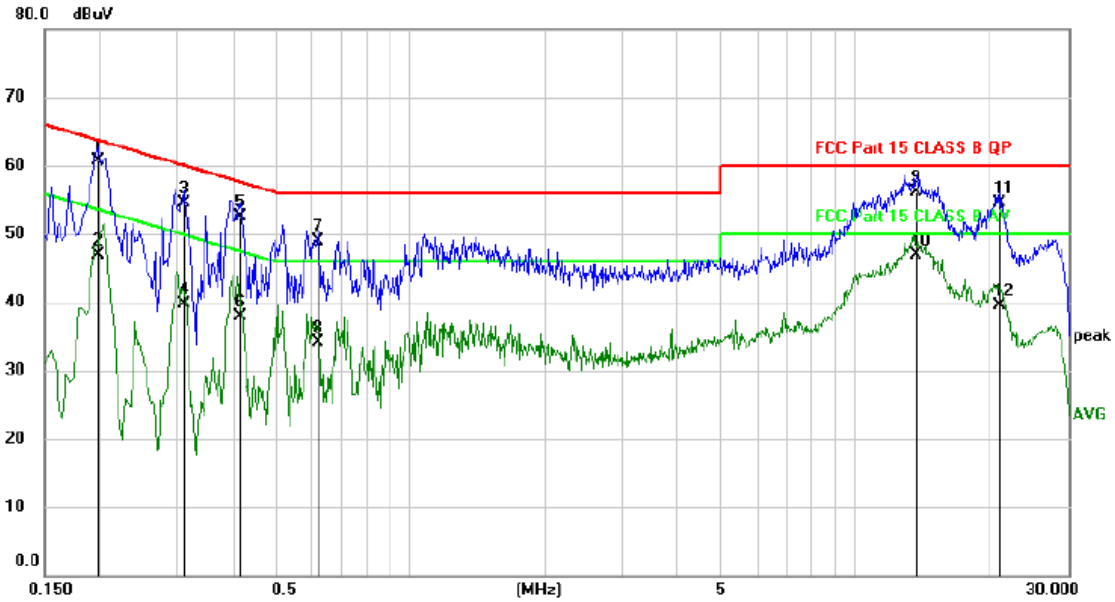
4.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207		
Test Method:	ANSI C63.10:2020		
Test Frequency Range:	150KHz to 30MHz		
Class Severity:	Class B		
Class B			
Receiver setup:	RBW=9KHz, VBW=30KHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test procedure	The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2020 on conducted measurement.		
Test setup:	 Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m		
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:

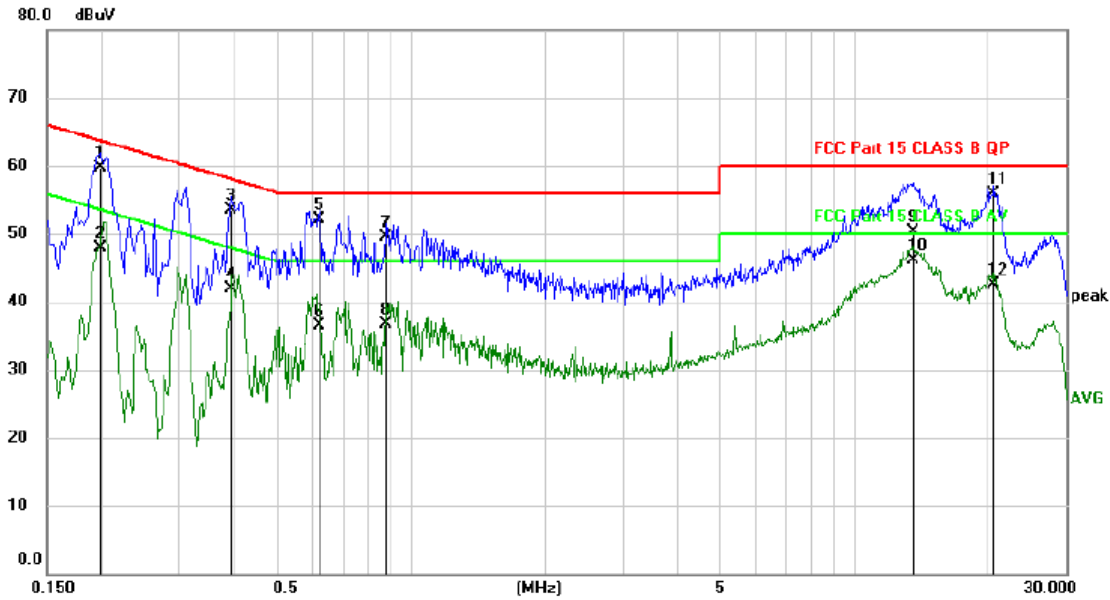


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1980	50.76	9.92	60.68	63.69	-3.01	QP	
2		0.1980	36.91	9.92	46.83	53.69	-6.86	AVG	
3		0.3089	44.48	9.93	54.41	60.00	-5.59	QP	
4		0.3089	29.71	9.93	39.64	50.00	-10.36	AVG	
5		0.4138	42.61	9.94	52.55	57.57	-5.02	QP	
6		0.4138	27.91	9.94	37.85	47.57	-9.72	AVG	
7		0.6179	39.04	9.92	48.96	56.00	-7.04	QP	
8		0.6179	24.14	9.92	34.06	46.00	-11.94	AVG	
9		13.6920	45.83	10.30	56.13	60.00	-3.87	QP	
10		13.6920	36.53	10.30	46.83	50.00	-3.17	AVG	
11		21.0900	44.09	10.47	54.56	60.00	-5.44	QP	
12		21.0900	29.06	10.47	39.53	50.00	-10.47	AVG	

*: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		0.1980	49.78	9.92	59.70	63.69	-3.99	QP	
2		0.1980	38.02	9.92	47.94	53.69	-5.75	AVG	
3		0.3899	43.64	9.94	53.58	58.07	-4.49	QP	
4		0.3899	32.01	9.94	41.95	48.07	-6.12	AVG	
5	*	0.6179	42.26	9.92	52.18	56.00	-3.82	QP	
6		0.6179	26.63	9.92	36.55	46.00	-9.45	AVG	
7		0.8760	39.60	9.96	49.56	56.00	-6.44	QP	
8		0.8760	26.69	9.96	36.65	46.00	-9.35	AVG	
9		13.5630	39.91	10.30	50.21	60.00	-9.79	QP	
10		13.5630	35.80	10.30	46.10	50.00	-3.90	AVG	
11		20.6700	45.35	10.47	55.82	60.00	-4.18	QP	
12		20.6700	32.12	10.47	42.59	50.00	-7.41	AVG	

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

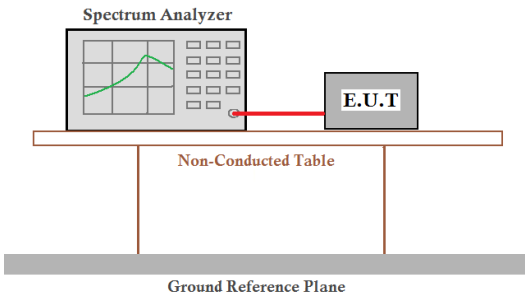
(Reference Only)

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

Note: 1. All modes have been tested, and only worst data of 802.11N mode, Channel 5180MHz was listed in this report.

2. Test voltage: AC 120V.

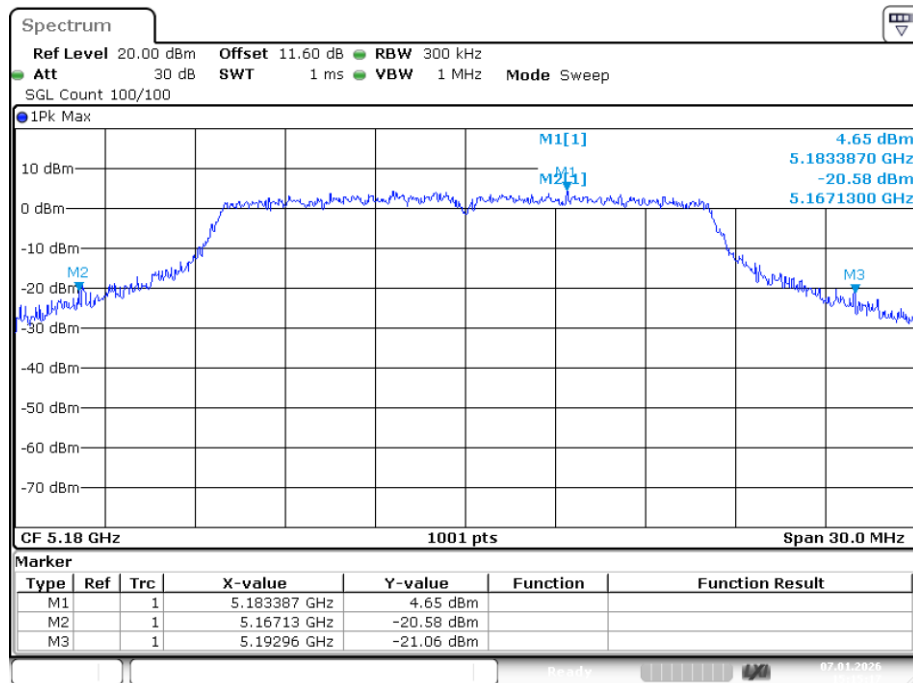
4.3 Emission Bandwidth and 99% Occupied Bandwidth

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:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.
Test procedure:	Emission bandwidth for all other bands - Set RBW = shall be in the range of 1% to 5% of the emission bandwidth. - Set the VBW > RBW. - Detector = peak. - Trace mode = max-hold. - Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%. Emission bandwidth for the band 5.725 GHz to 5.85 GHz - Set RBW = 100 kHz. - Set the video bandwidth (VBW) $\geq 3 \times$ RBW. - Detector = Peak. - Trace mode = max-hold. - Sweep = No faster than coupled (auto) time. - Allow the trace to stabilize. - Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission - Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. - Use the 99% power bandwidth function of the instrument (if available). - If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.
Test results:	Pass

Measurement Data:

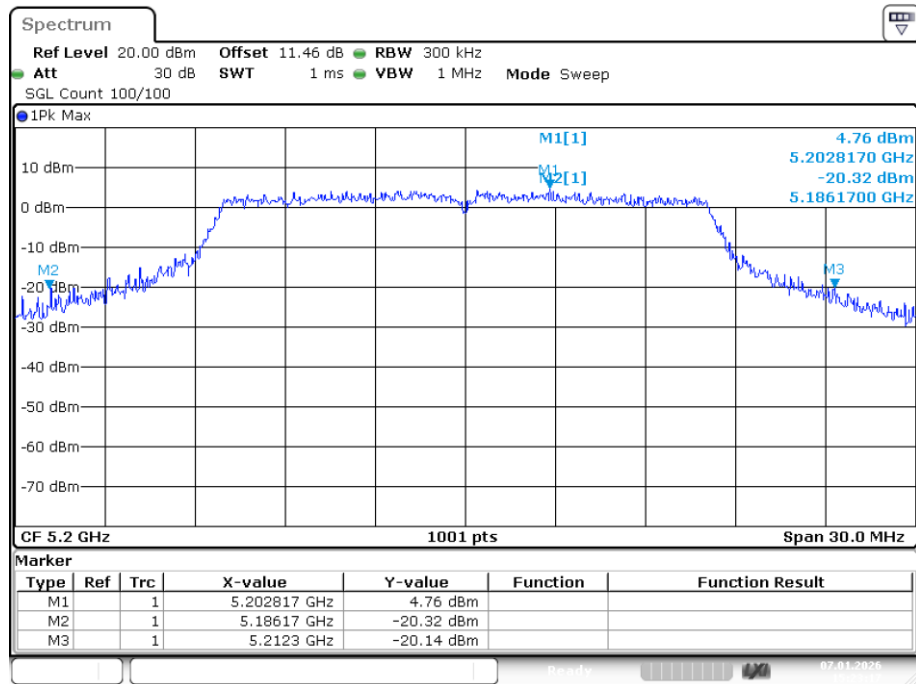
**Band 1 (5150-5250 MHz):
-26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	25.83	N/A	Pass
NVNT	a	5200	Ant1	26.13	N/A	Pass
NVNT	a	5240	Ant1	26.52	N/A	Pass
NVNT	ac20	5180	Ant1	26.25	N/A	Pass
NVNT	ac20	5200	Ant1	25.98	N/A	Pass
NVNT	ac20	5240	Ant1	26.76	N/A	Pass
NVNT	ac40	5190	Ant1	48.84	N/A	Pass
NVNT	ac40	5230	Ant1	47.7	N/A	Pass
NVNT	ax20	5180	Ant1	25.32	N/A	Pass
NVNT	ax20	5200	Ant1	25.26	N/A	Pass
NVNT	ax20	5240	Ant1	26.34	N/A	Pass
NVNT	ax40	5190	Ant1	47.16	N/A	Pass
NVNT	ax40	5230	Ant1	48.12	N/A	Pass
NVNT	n20	5180	Ant1	25.62	N/A	Pass
NVNT	n20	5200	Ant1	26.31	N/A	Pass
NVNT	n20	5240	Ant1	26.88	N/A	Pass
NVNT	n40	5190	Ant1	46.68	N/A	Pass
NVNT	n40	5230	Ant1	49.38	N/A	Pass

-26dB Bandwidth NVNT a 5180MHz Ant1


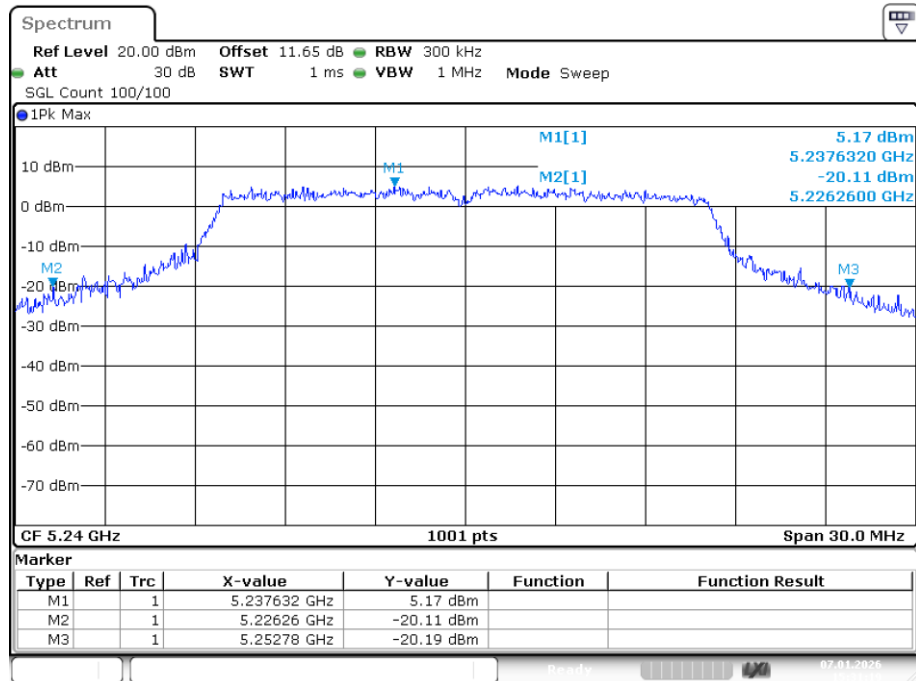
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-26dB Bandwidth NVNT a 5200MHz Ant1

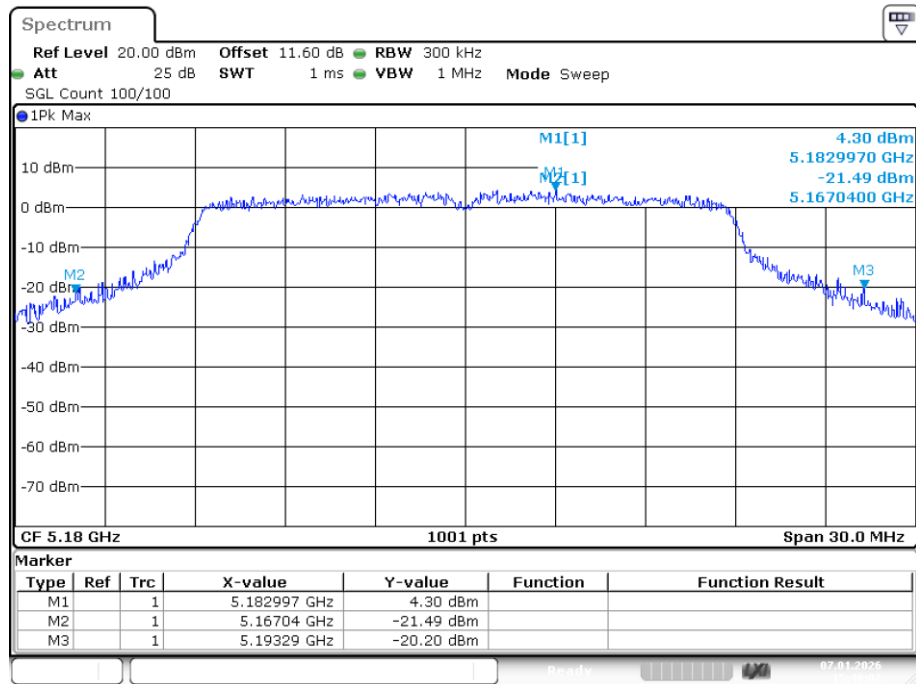


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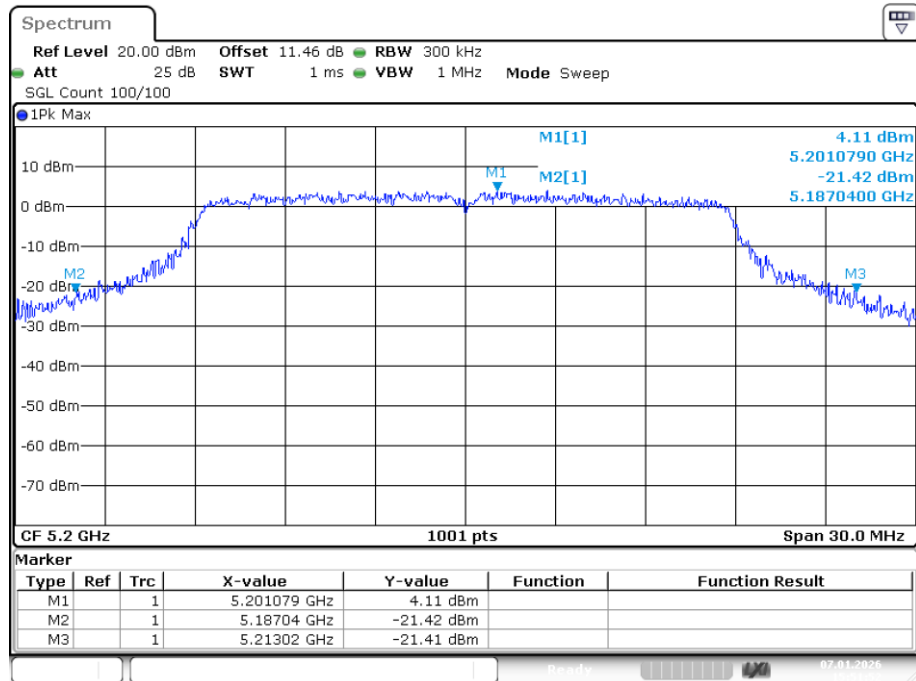
-26dB Bandwidth NVNT a 5240MHz Ant1



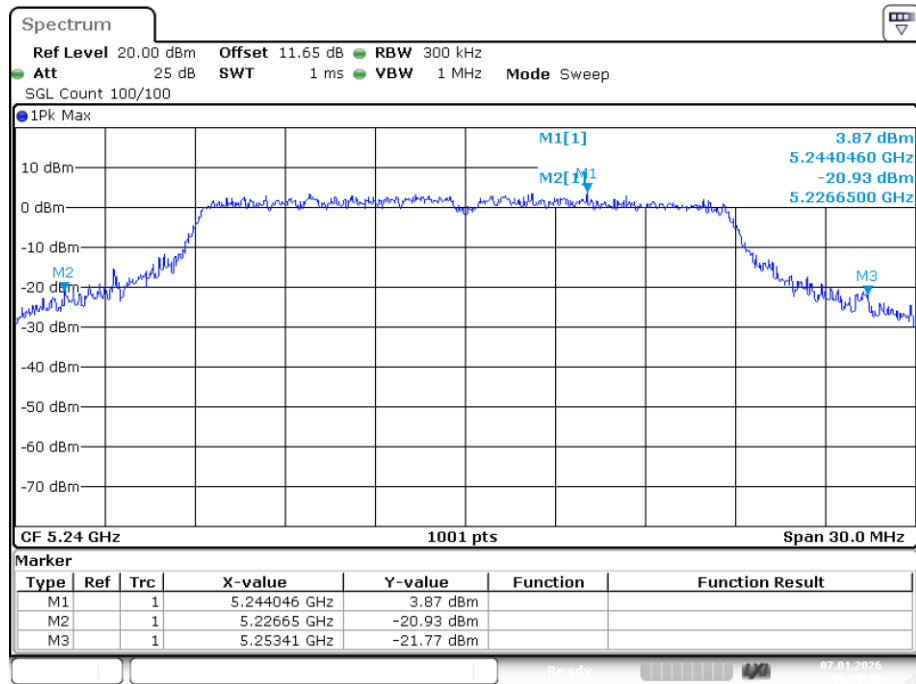
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-26dB Bandwidth NVNT ac20 5180MHz Ant1

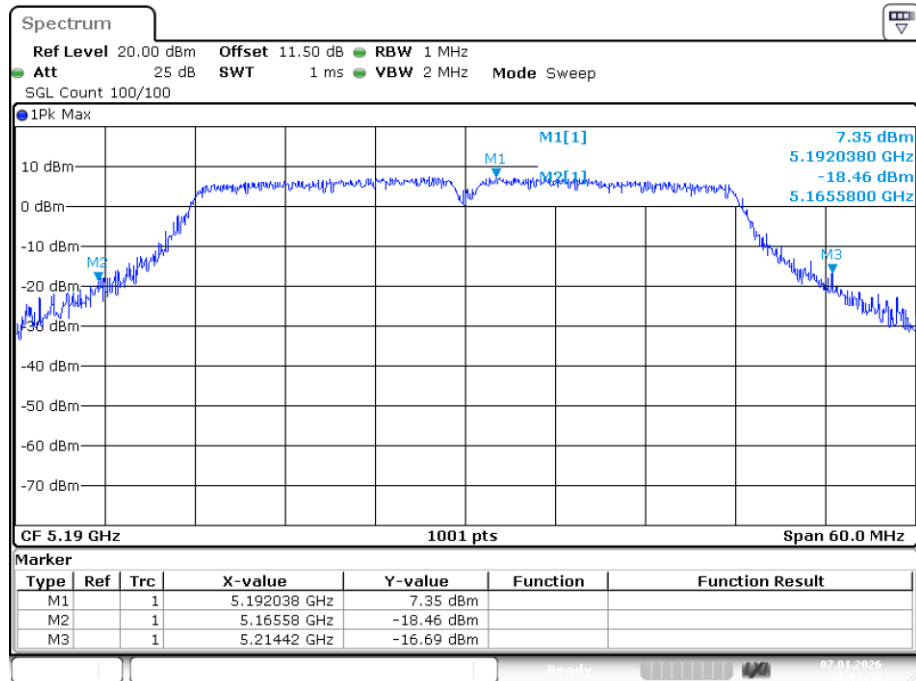
Date: 7.JAN.2026 15:49:02

-26dB Bandwidth NVNT ac20 5200MHz Ant1

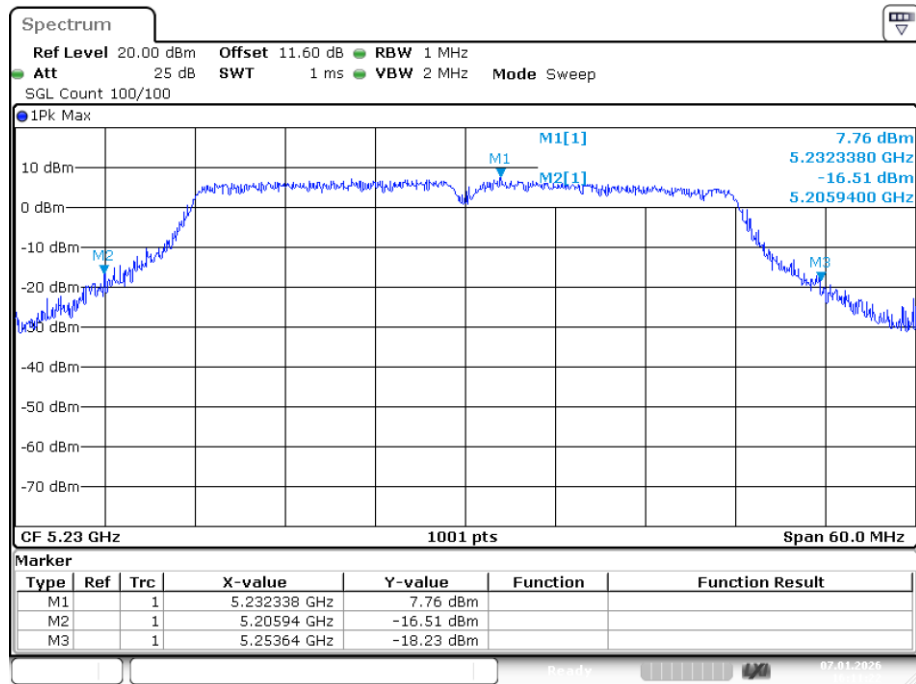
Date: 7.JAN.2026 15:51:51

-26dB Bandwidth NVNT ac20 5240MHz Ant1

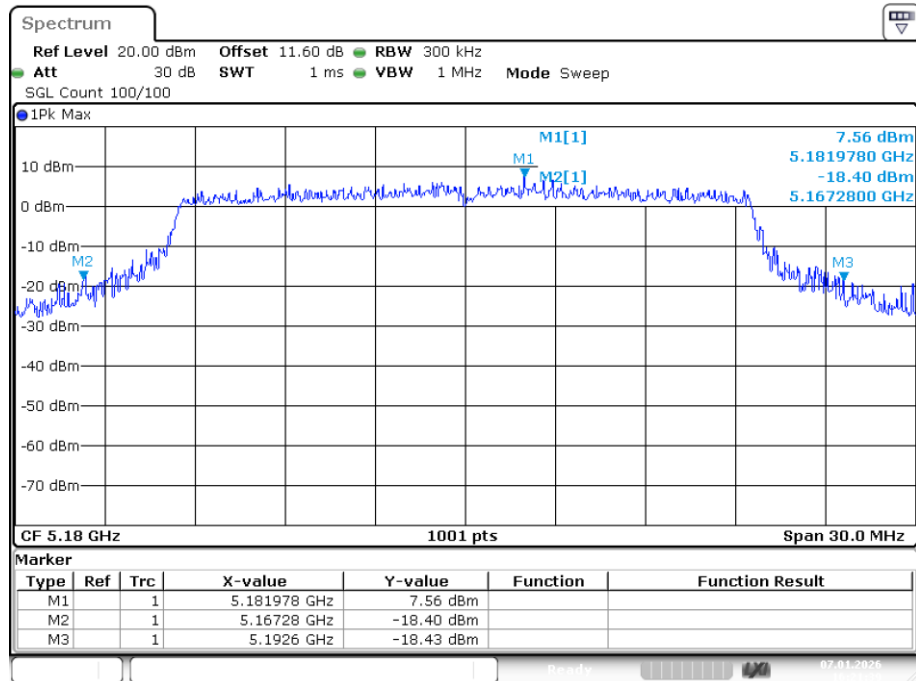
Date: 7.JAN.2026 16:18:09

-26dB Bandwidth NVNT ac40 5190MHz Ant1

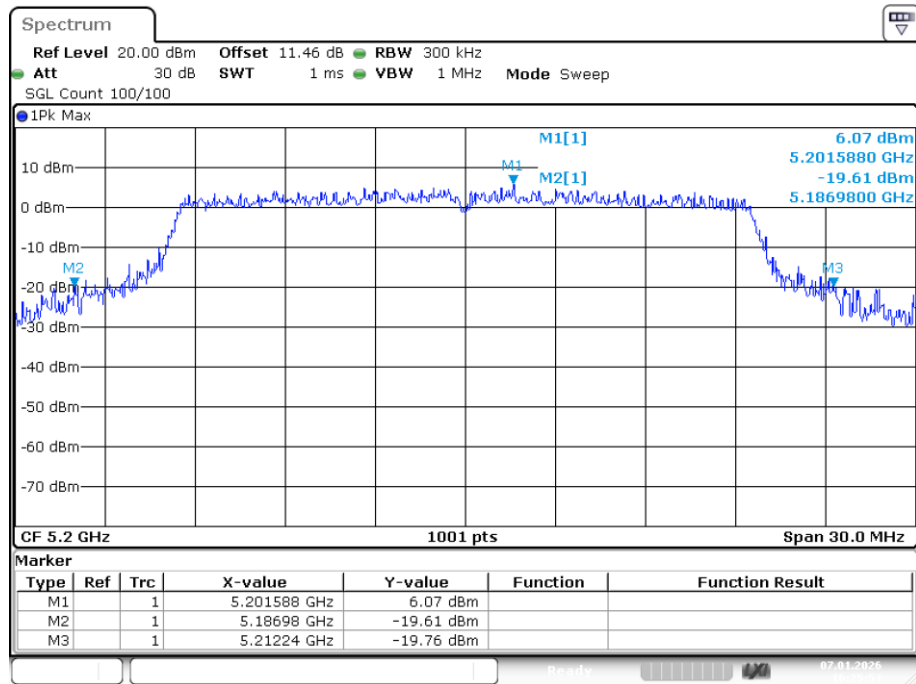
Date: 7.JAN.2026 16:07:55

-26dB Bandwidth NVNT ac40 5230MHz Ant1

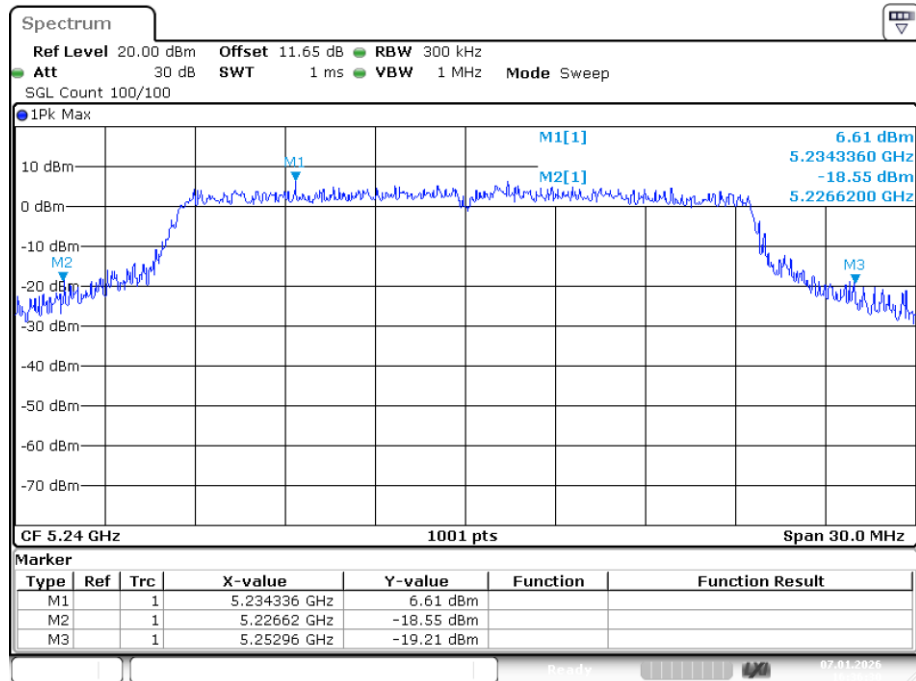
Date: 7.JAN.2026 16:11:21

-26dB Bandwidth NVNT ax20 5180MHz Ant1

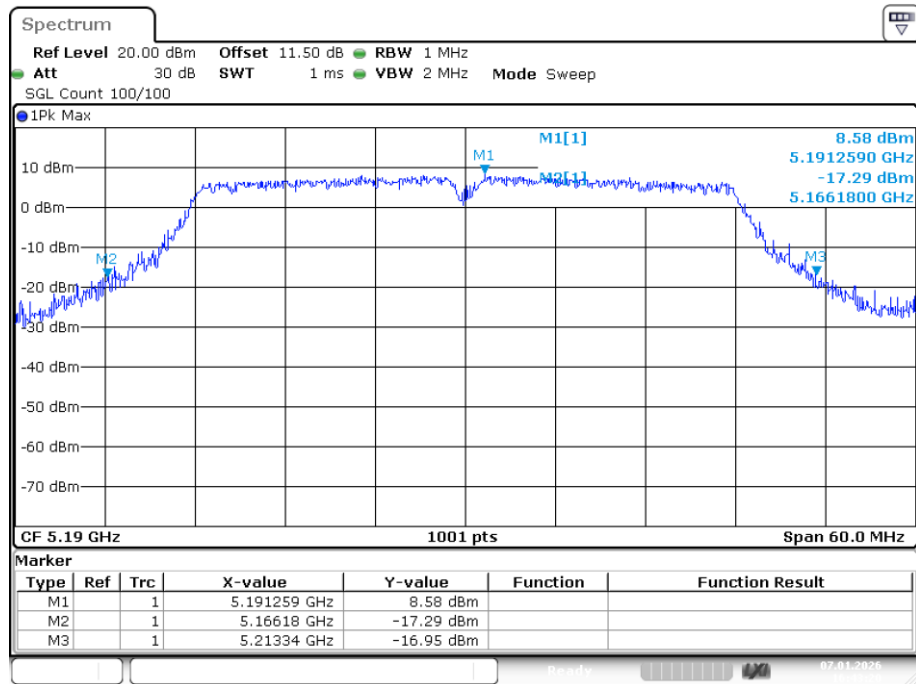
Date: 7.JAN.2026 16:21:39

-26dB Bandwidth NVNT ax20 5200MHz Ant1

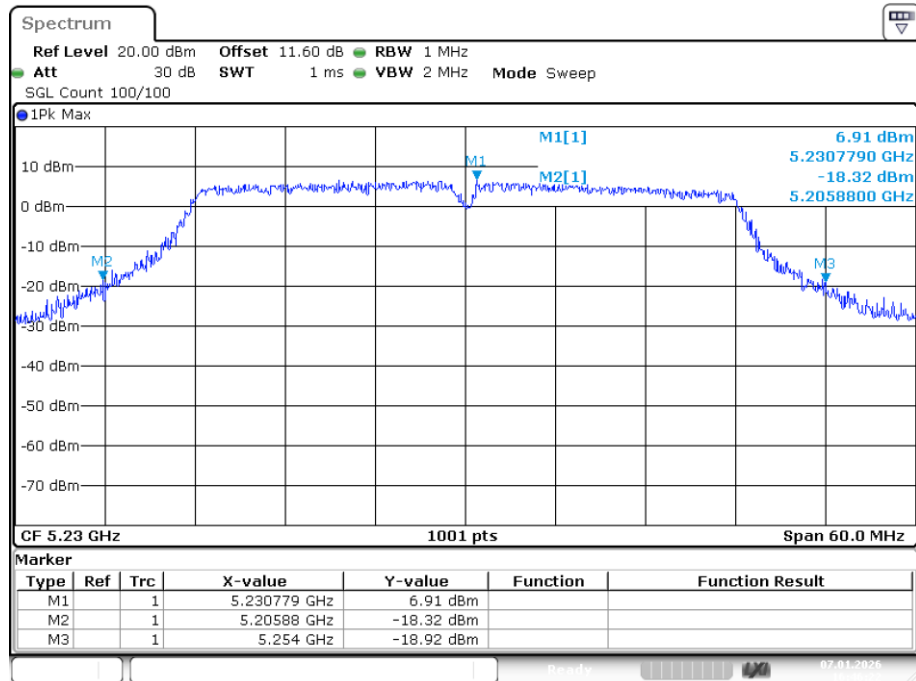
Date: 7.JAN.2026 16:25:53

-26dB Bandwidth NVNT ax20 5240MHz Ant1

Date: 7.JAN.2026 16:36:29

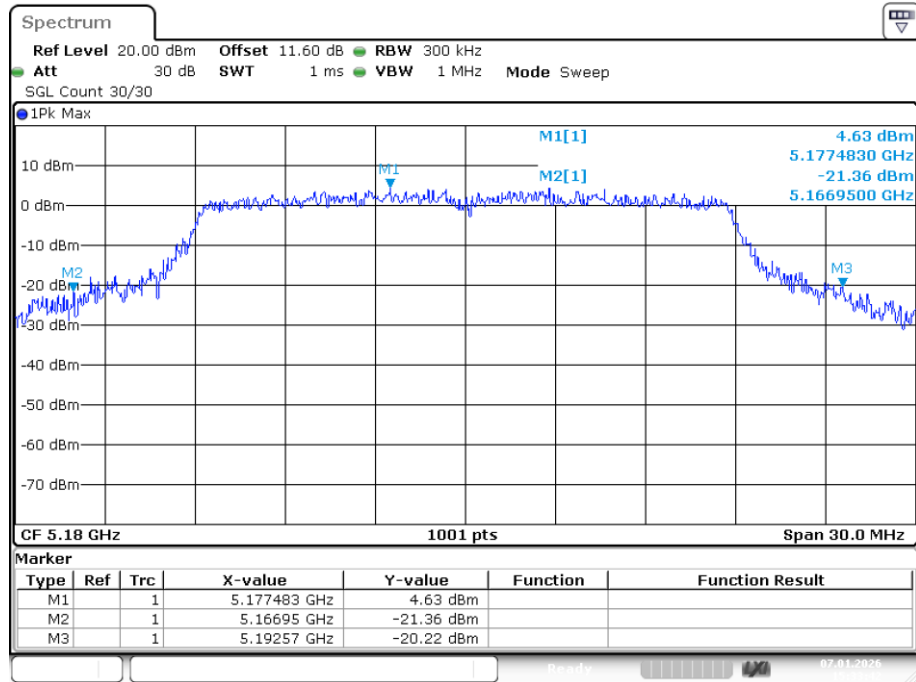
-26dB Bandwidth NVNT ax40 5190MHz Ant1

Date: 7.JAN.2026 16:43:20

-26dB Bandwidth NVNT ax40 5230MHz Ant1

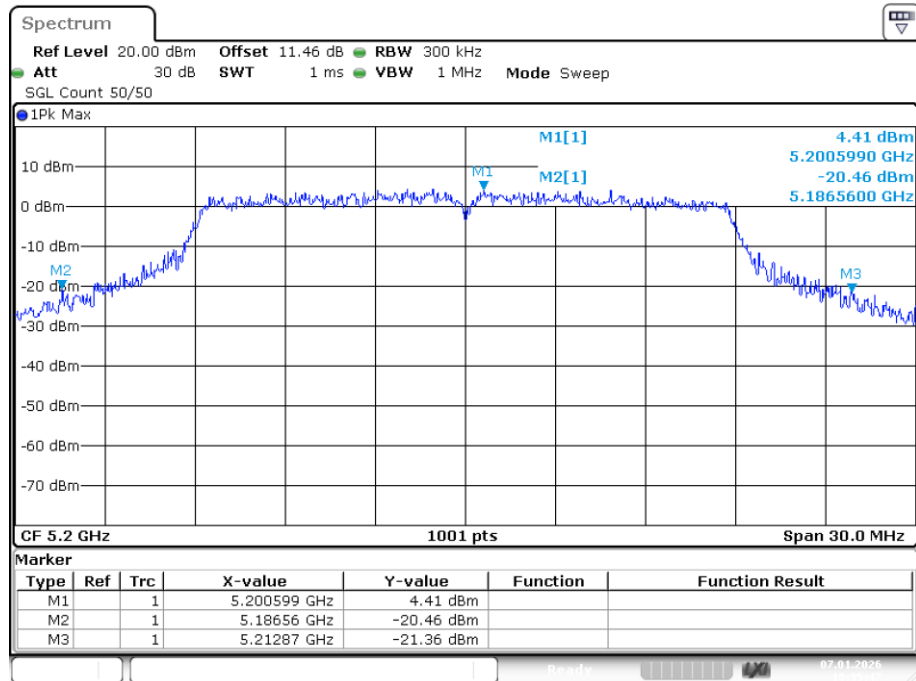
Date: 7.JAN.2026 16:46:22

-26dB Bandwidth NVNT n20 5180MHz Ant1

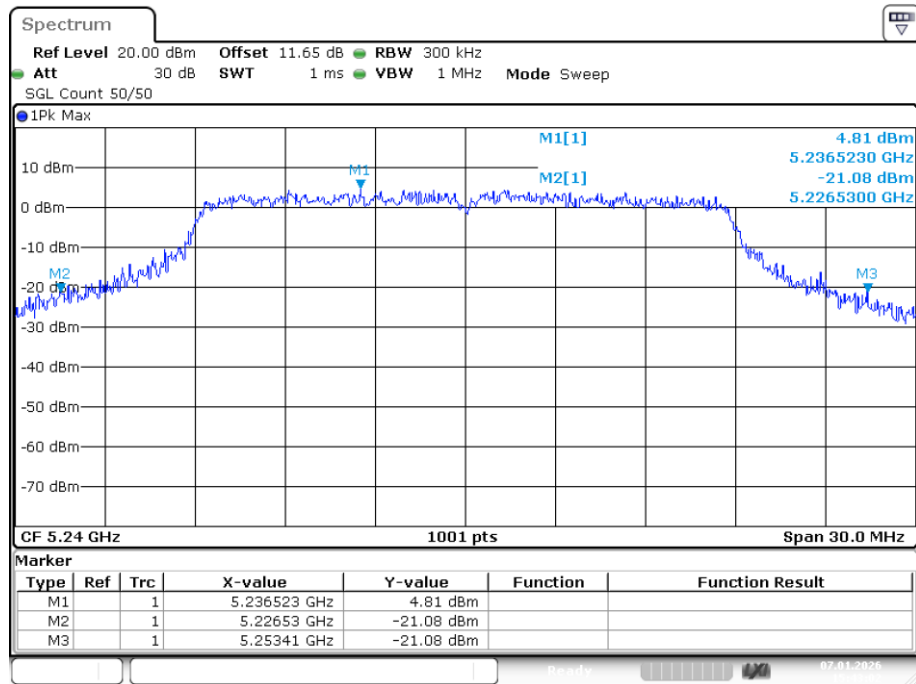


Date: 7.JAN.2026 15:33:41

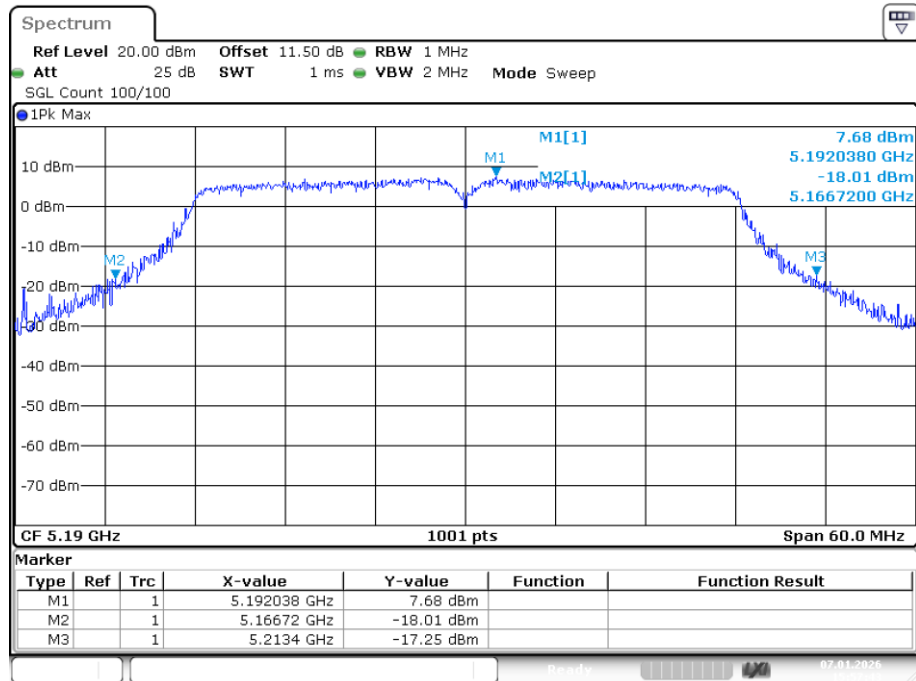
-26dB Bandwidth NVNT n20 5200MHz Ant1



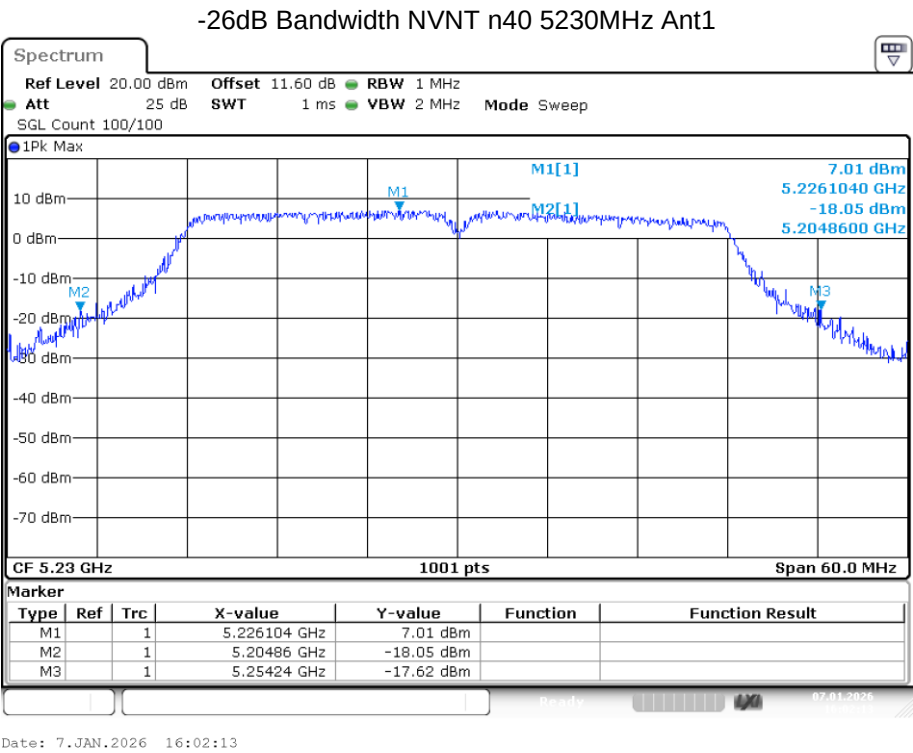
Date: 7.JAN.2026 15:35:47

-26dB Bandwidth NVNT n20 5240MHz Ant1

Date: 7.JAN.2026 15:43:03

-26dB Bandwidth NVNT n40 5190MHz Ant1

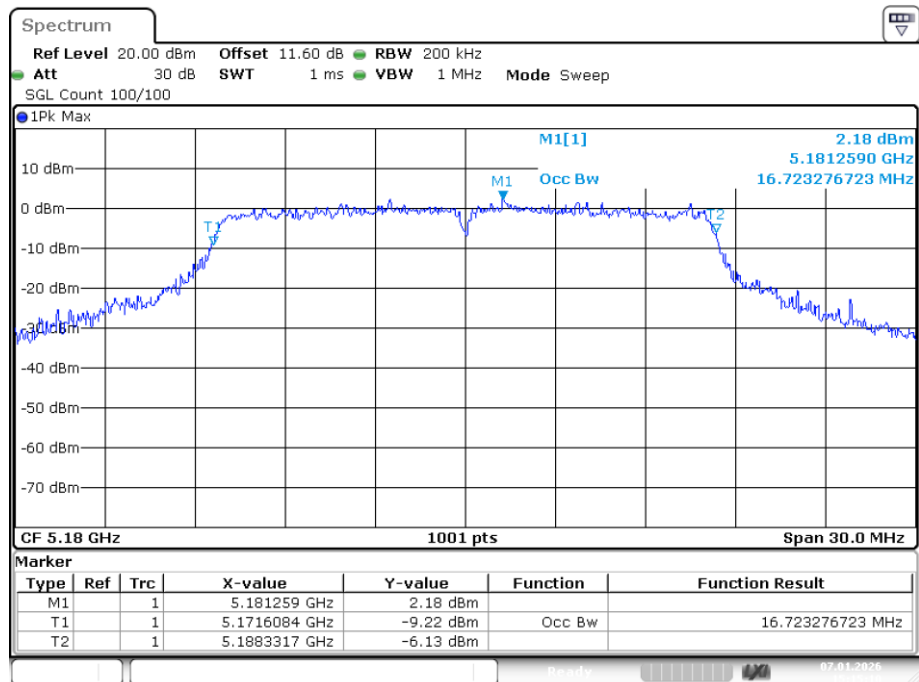
Date: 7.JAN.2026 15:57:43



Occupied Channel Bandwidth

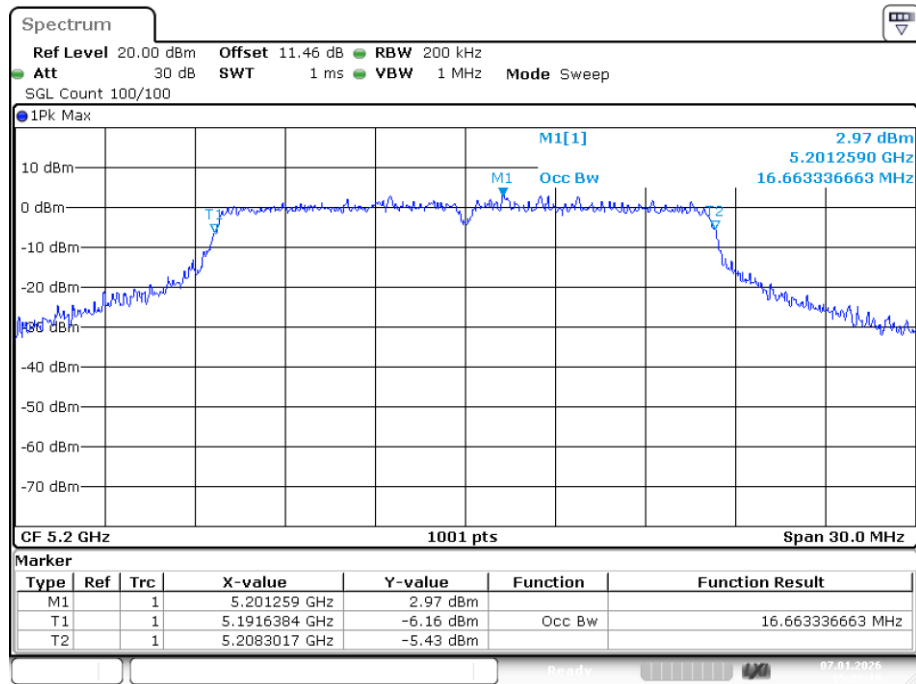
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.723
NVNT	a	5200	Ant1	16.663
NVNT	a	5240	Ant1	16.663
NVNT	ac20	5180	Ant1	17.802
NVNT	ac20	5200	Ant1	17.862
NVNT	ac20	5240	Ant1	17.862
NVNT	ac40	5190	Ant1	36.503
NVNT	ac40	5230	Ant1	36.623
NVNT	ax20	5180	Ant1	19.031
NVNT	ax20	5200	Ant1	19.121
NVNT	ax20	5240	Ant1	19.121
NVNT	ax40	5190	Ant1	36.444
NVNT	ax40	5230	Ant1	36.623
NVNT	n20	5180	Ant1	17.862
NVNT	n20	5200	Ant1	17.832
NVNT	n20	5240	Ant1	17.862
NVNT	n40	5190	Ant1	36.563
NVNT	n40	5230	Ant1	36.923

OBW NVNT a 5180MHz Ant1



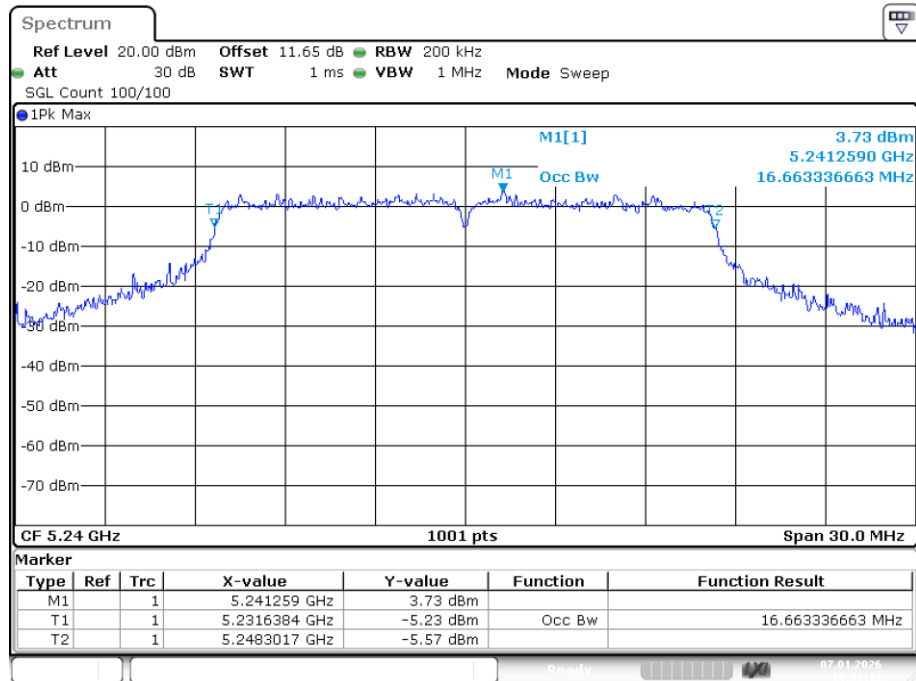
Date: 7.JAN.2026 15:15:10

OBW NVNT a 5200MHz Ant1



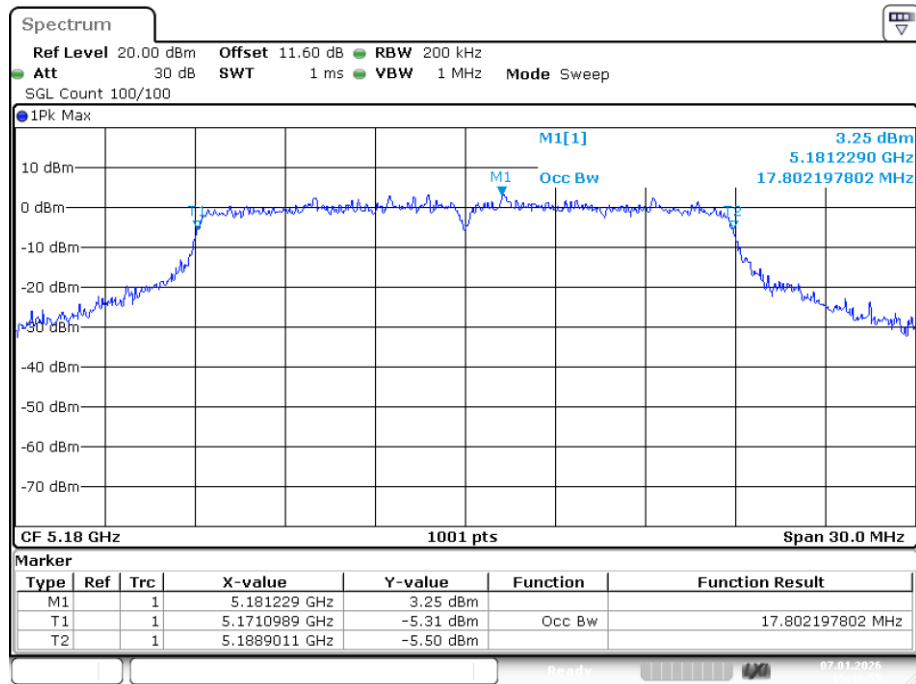
Date: 7.JAN.2026 15:23:10

OBW NVNT a 5240MHz Ant1



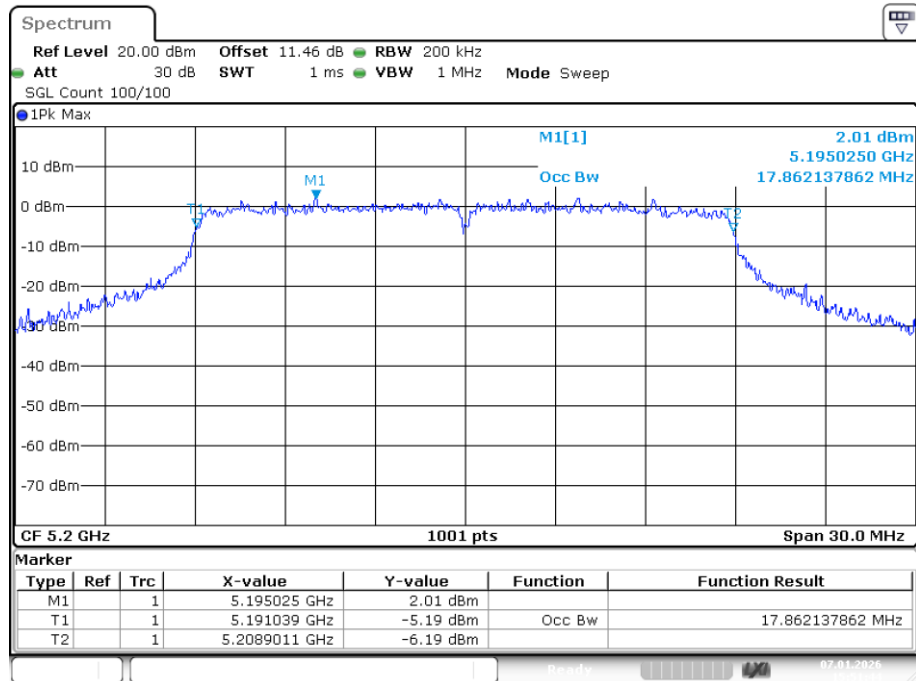
Date: 7.JAN.2026 15:31:12

OBW NVNT ac20 5180MHz Ant1



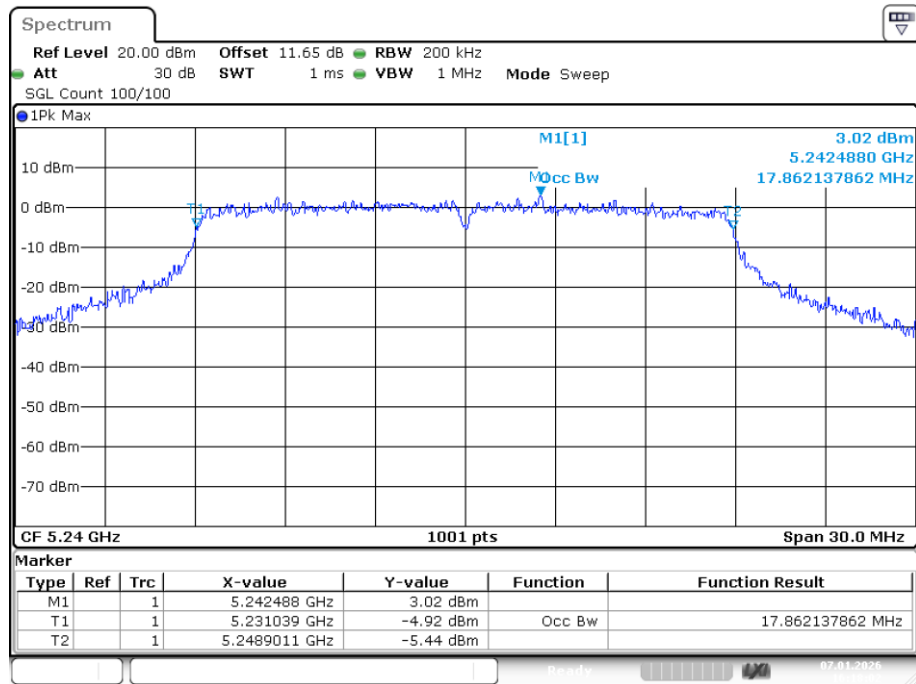
Date: 7.JAN.2026 15:48:55

OBW NVNT ac20 5200MHz Ant1



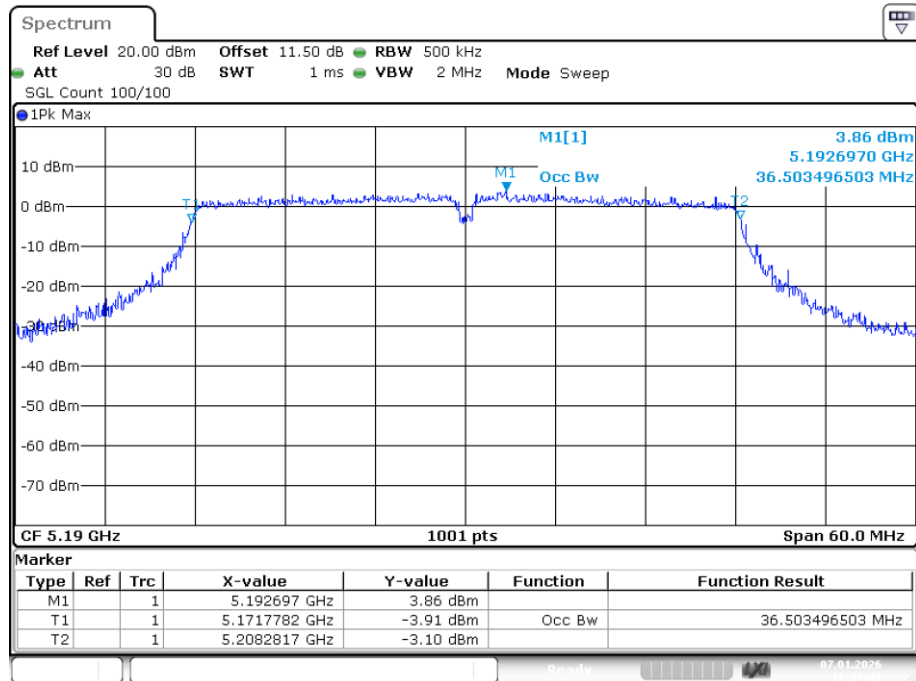
Date: 7.JAN.2026 15:51:44

OBW NVNT ac20 5240MHz Ant1



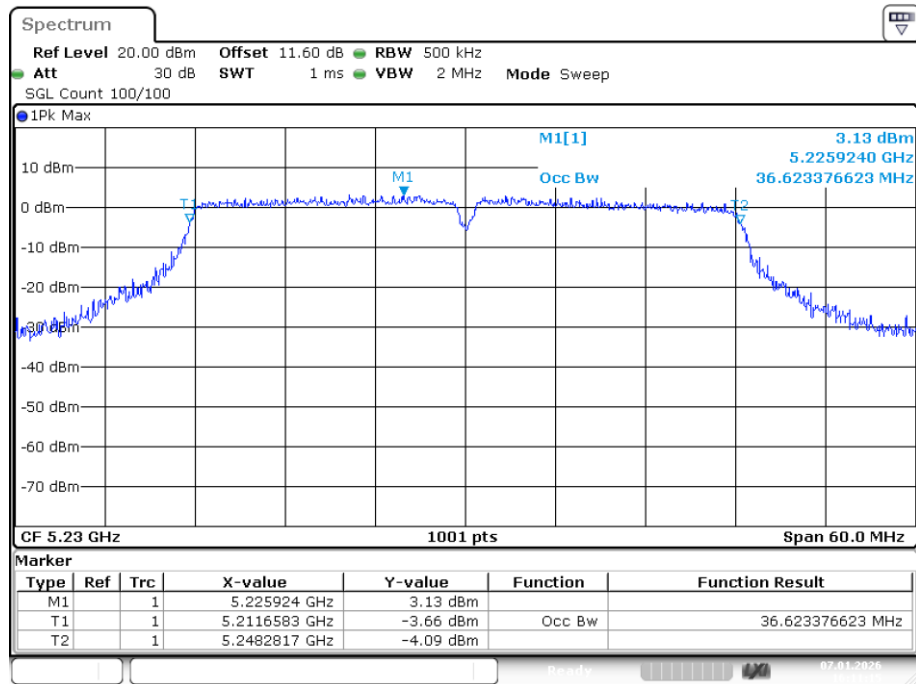
Date: 7.JAN.2026 16:18:02

OBW NVNT ac40 5190MHz Ant1



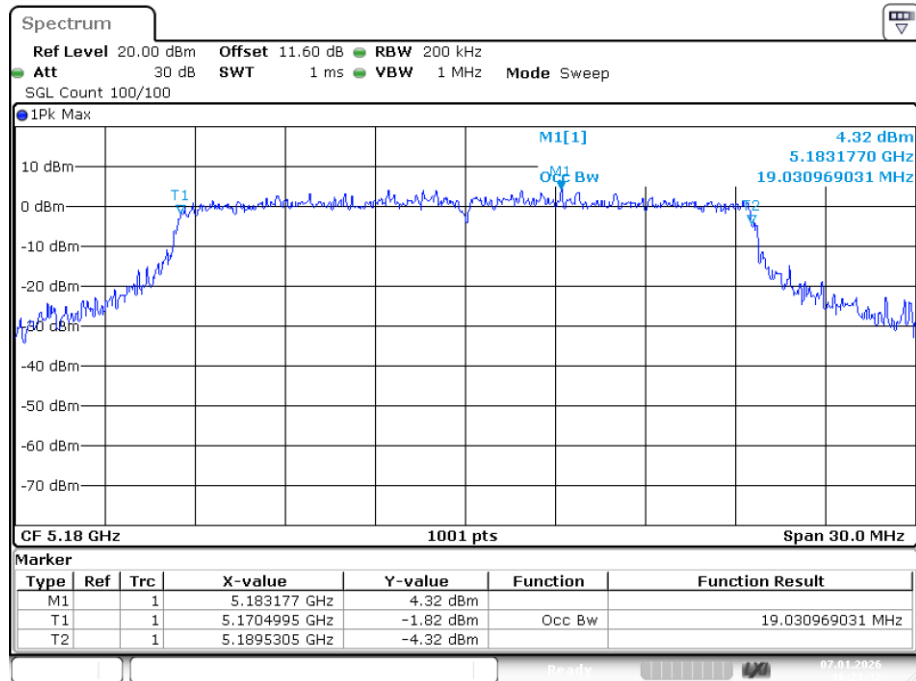
Date: 7.JAN.2026 16:07:47

OBW NVNT ac40 5230MHz Ant1



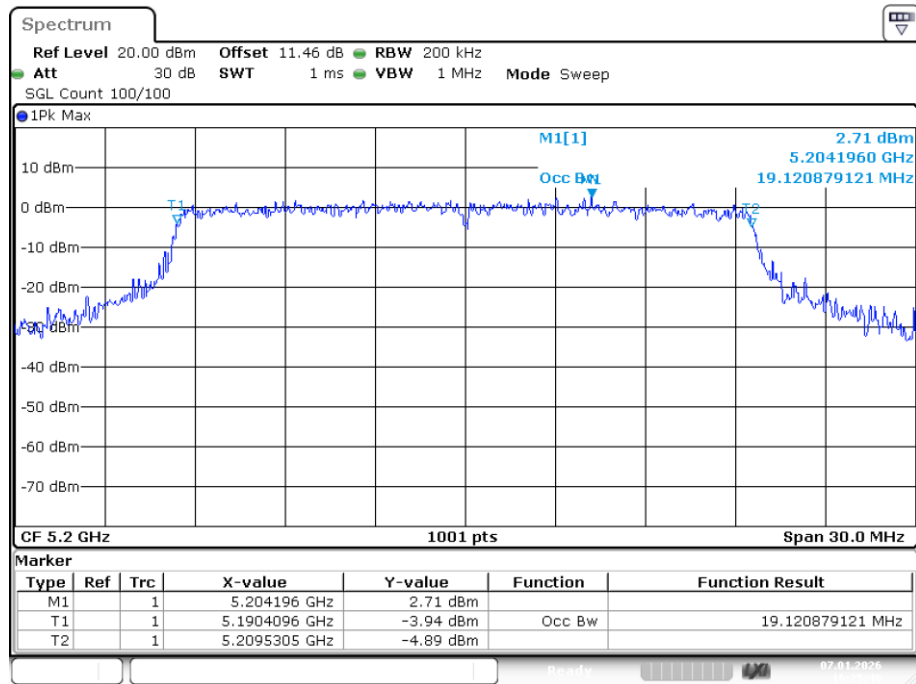
Date: 7.JAN.2026 16:11:14

OBW NVNT ax20 5180MHz Ant1



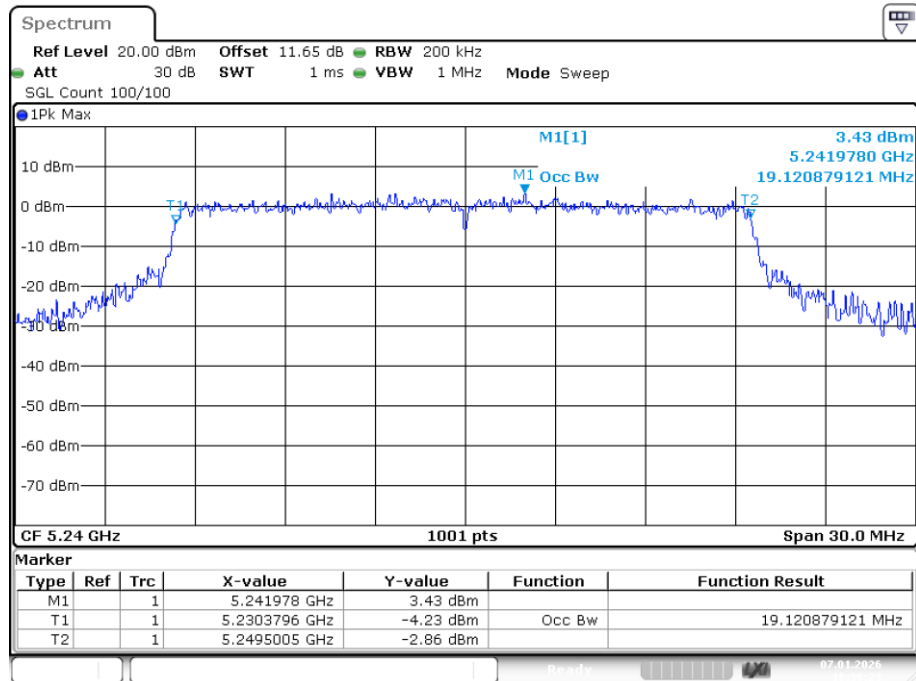
Date: 7.JAN.2026 16:21:31

OBW NVNT ax20 5200MHz Ant1



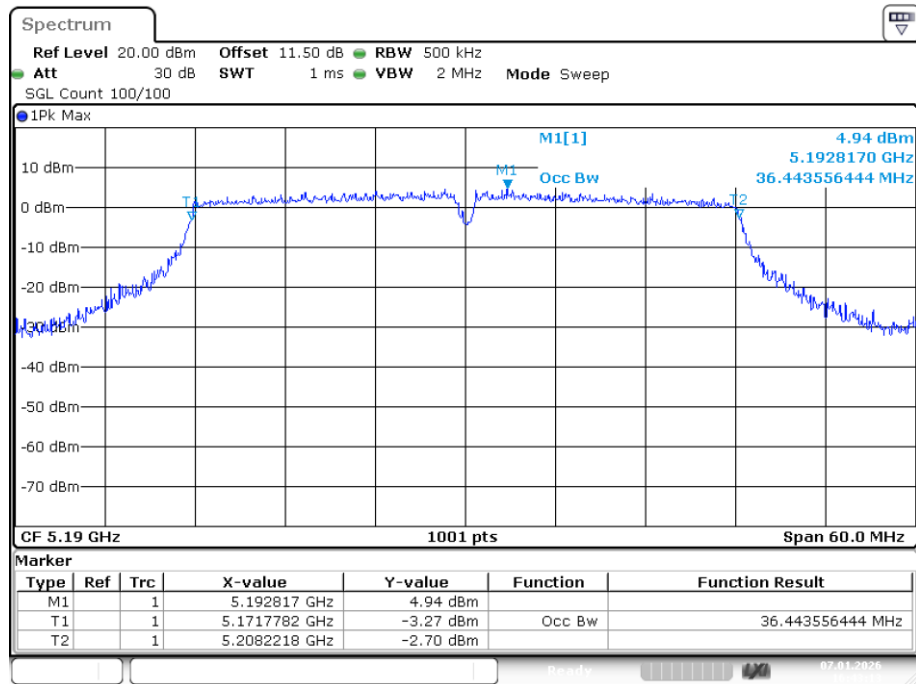
Date: 7.JAN.2026 16:25:46

OBW NVNT ax20 5240MHz Ant1



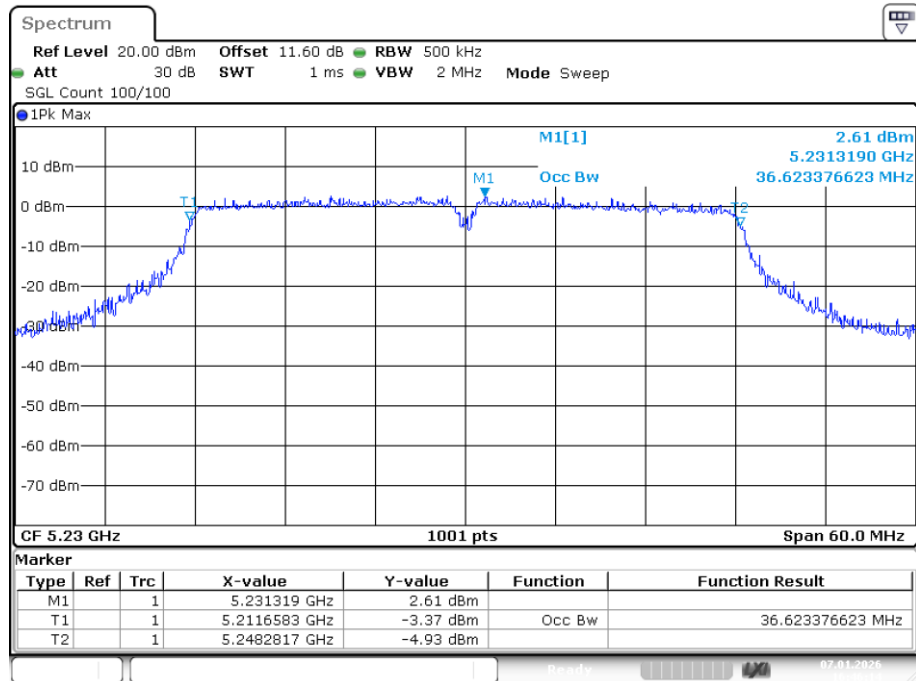
Date: 7.JAN.2026 16:36:22

OBW NVNT ax40 5190MHz Ant1



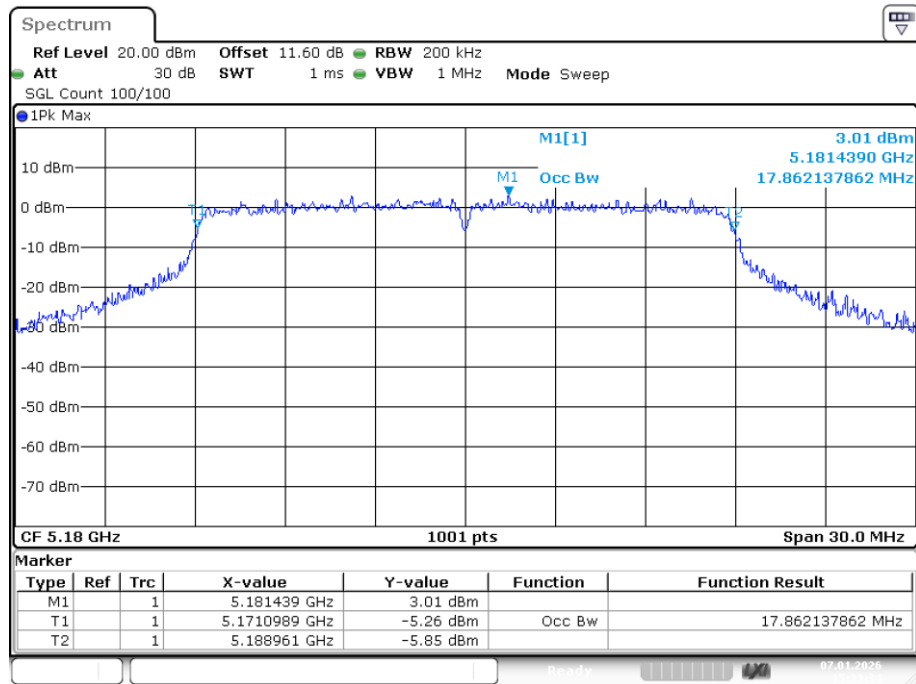
Date: 7.JAN.2026 16:43:13

OBW NVNT ax40 5230MHz Ant1



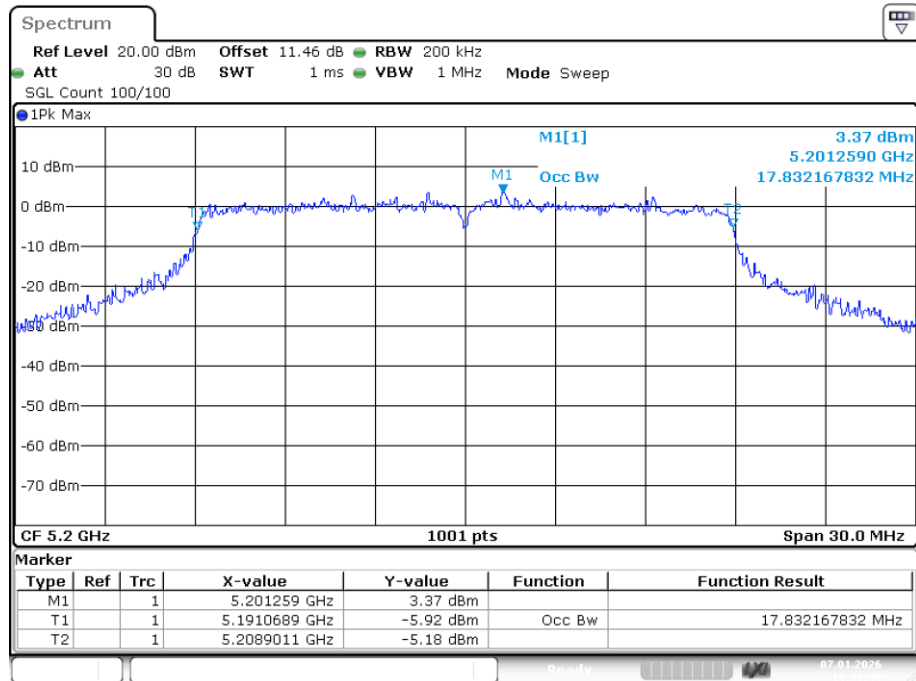
Date: 7.JAN.2026 16:46:15

OBW NVNT n20 5180MHz Ant1



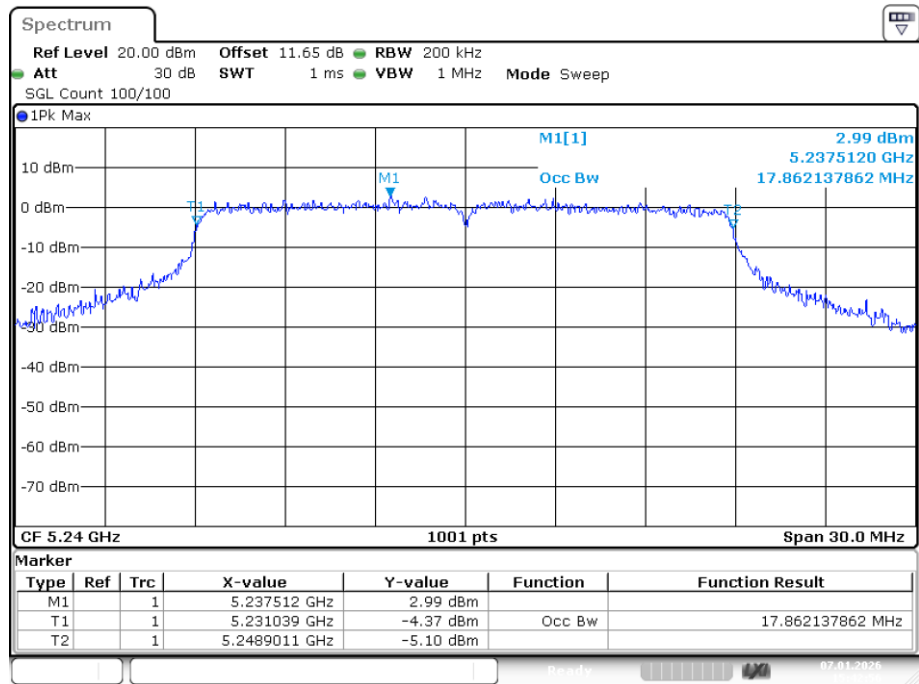
Date: 7.JAN.2026 15:33:35

OBW NVNT n20 5200MHz Ant1



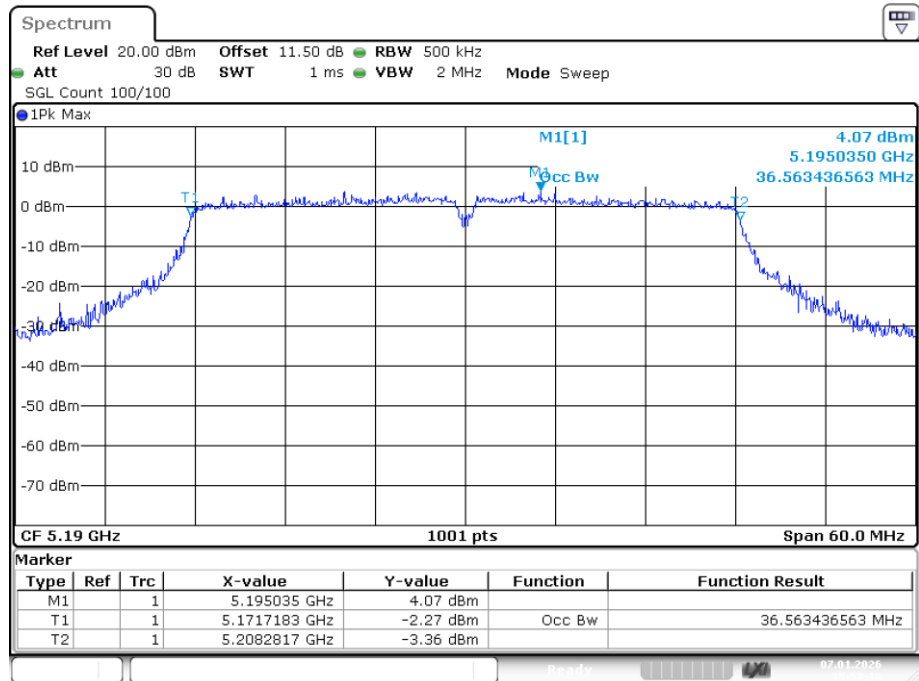
Date: 7.JAN.2026 15:35:40

OBW NVNT n20 5240MHz Ant1



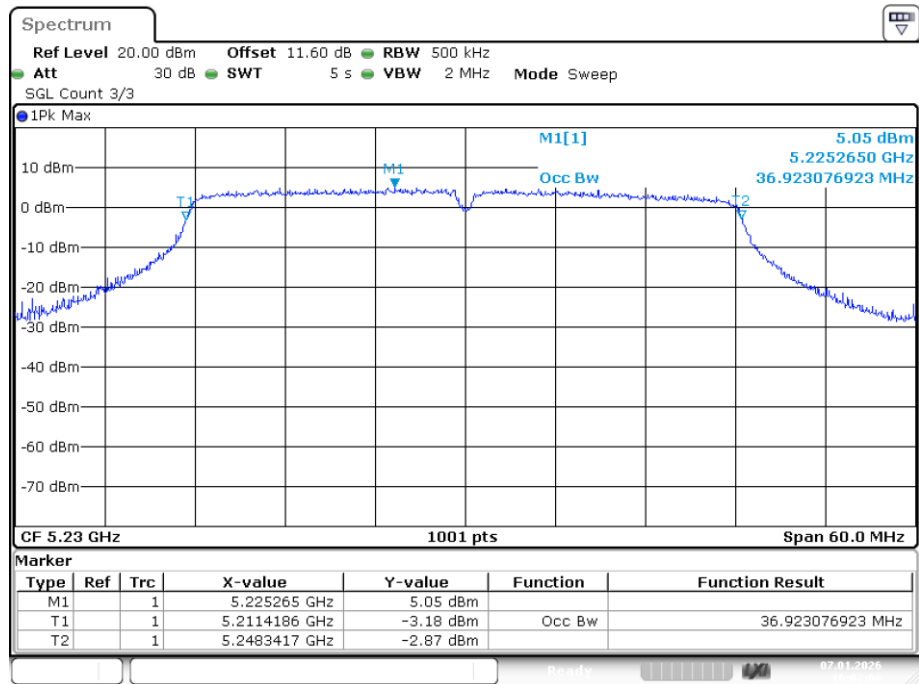
Date: 7.JAN.2026 15:42:56

OBW NVNT n40 5190MHz Ant1



Date: 7.JAN.2026 15:57:36

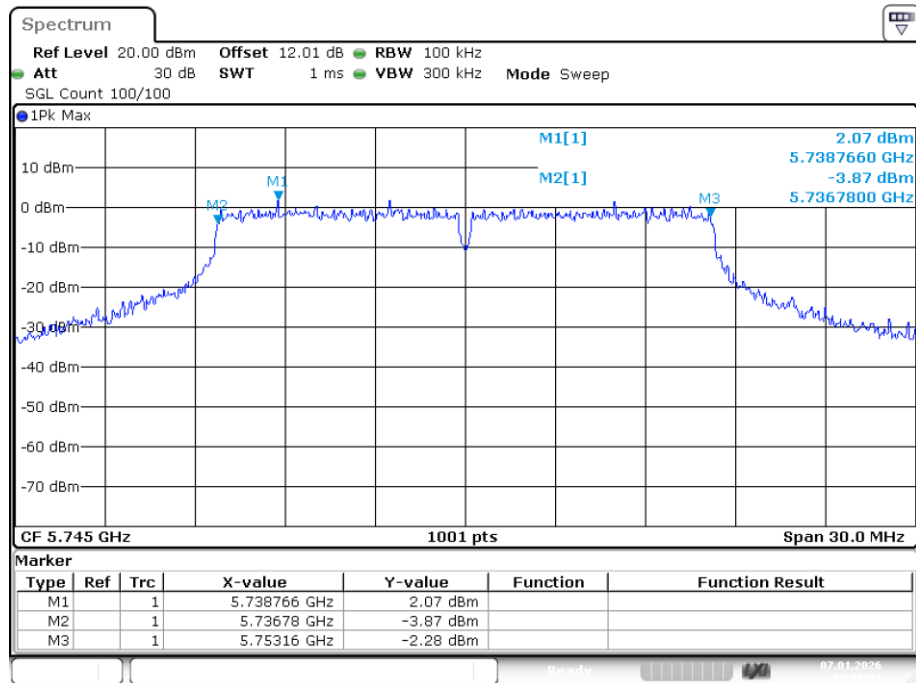
OBW NVNT n40 5230MHz Ant1



Date: 7.JAN.2026 16:02:06

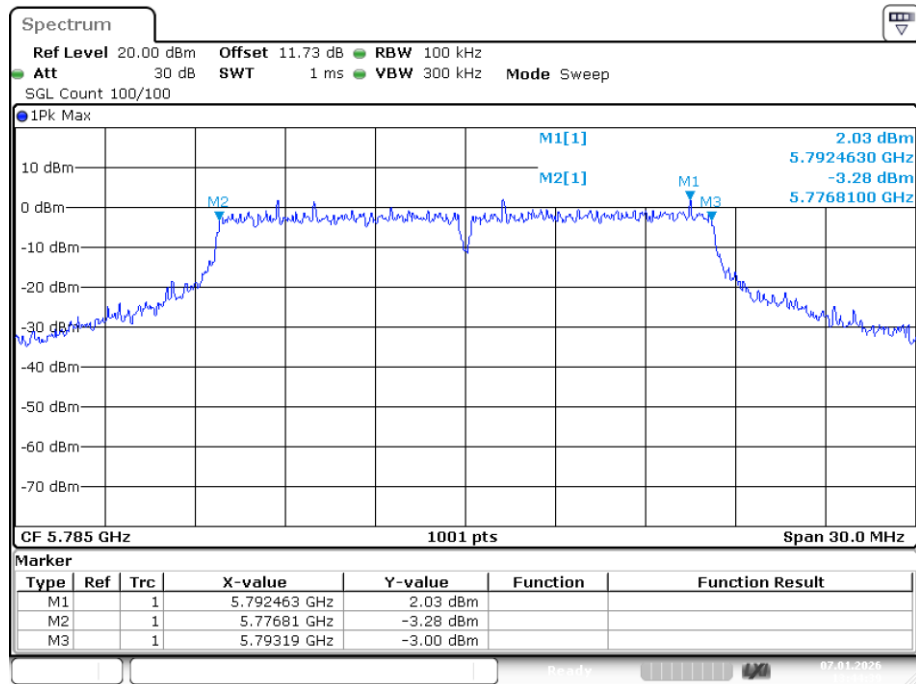
Band 4 (5725-5850 MHz):**-6dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.38	0.5	Pass
NVNT	a	5785	Ant1	16.38	0.5	Pass
NVNT	a	5825	Ant1	16.38	0.5	Pass
NVNT	ac20	5745	Ant1	17.61	0.5	Pass
NVNT	ac20	5785	Ant1	17.58	0.5	Pass
NVNT	ac20	5825	Ant1	17.67	0.5	Pass
NVNT	ac40	5755	Ant1	36.36	0.5	Pass
NVNT	ac40	5795	Ant1	36.3	0.5	Pass
NVNT	ax20	5745	Ant1	18.9	0.5	Pass
NVNT	ax20	5785	Ant1	18.57	0.5	Pass
NVNT	ax20	5825	Ant1	19.02	0.5	Pass
NVNT	ax40	5755	Ant1	37.74	0.5	Pass
NVNT	ax40	5795	Ant1	38.04	0.5	Pass
NVNT	n20	5745	Ant1	17.61	0.5	Pass
NVNT	n20	5785	Ant1	17.58	0.5	Pass
NVNT	n20	5825	Ant1	17.61	0.5	Pass
NVNT	n40	5755	Ant1	36.36	0.5	Pass
NVNT	n40	5795	Ant1	36	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1

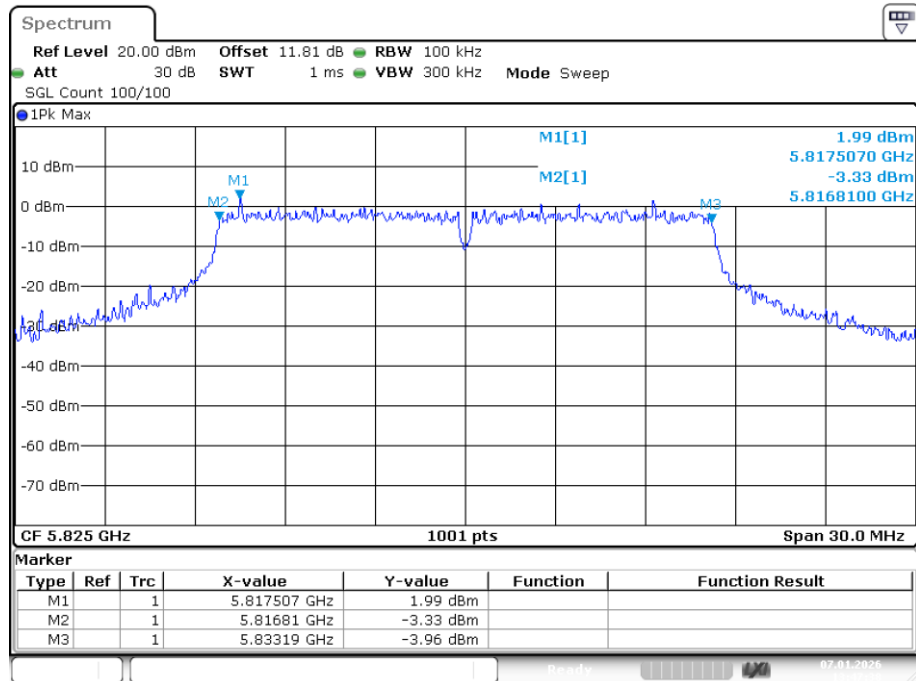
Date: 7.JAN.2026 13:41:12

-6dB Bandwidth NVNT a 5785MHz Ant1



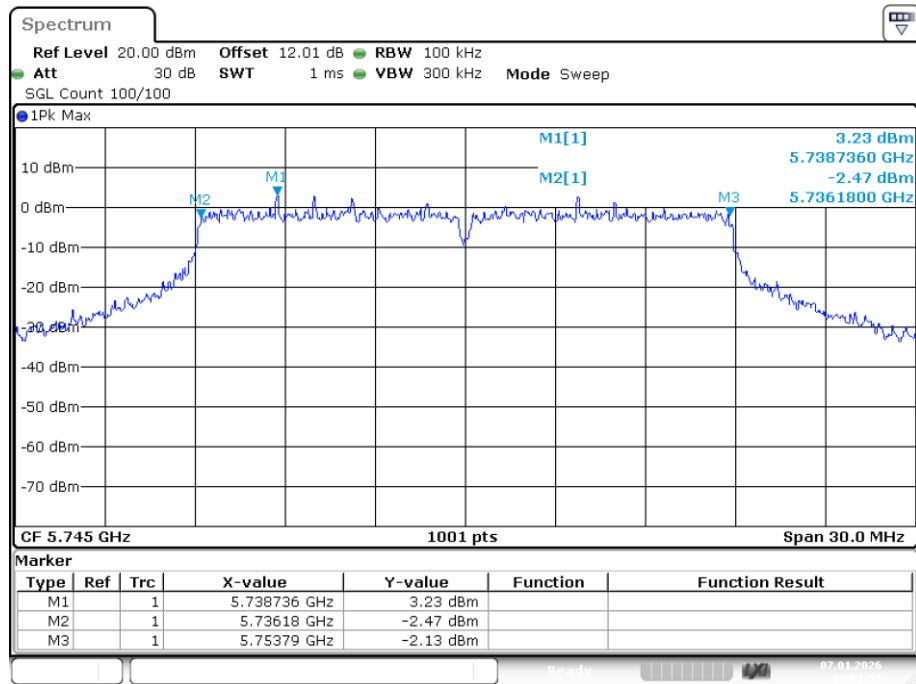
Date: 7.JAN.2026 13:44:39

-6dB Bandwidth NVNT a 5825MHz Ant1



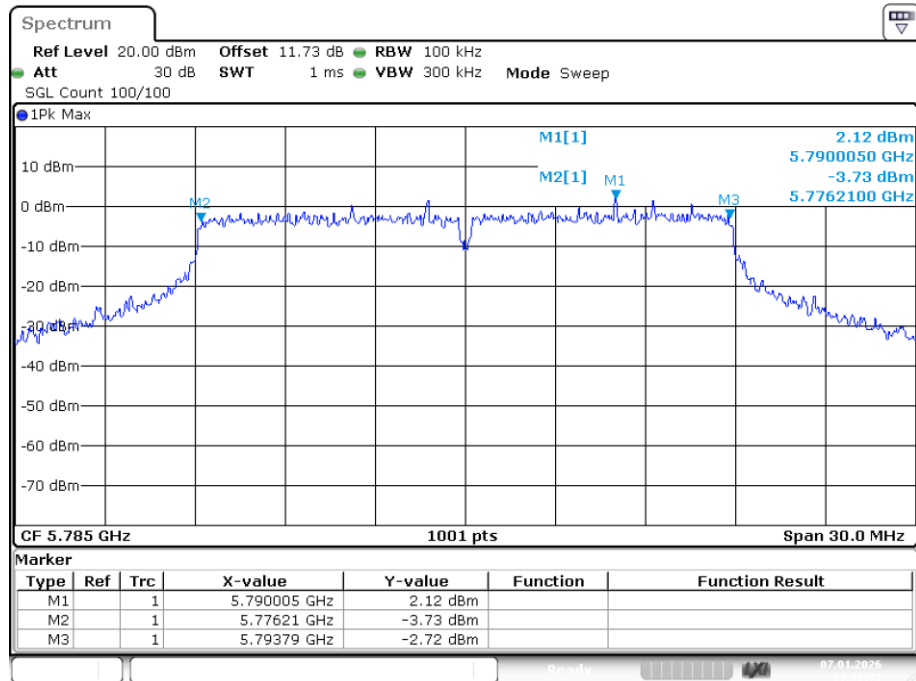
Date: 7.JAN.2026 13:47:38

-6dB Bandwidth NVNT ac20 5745MHz Ant1

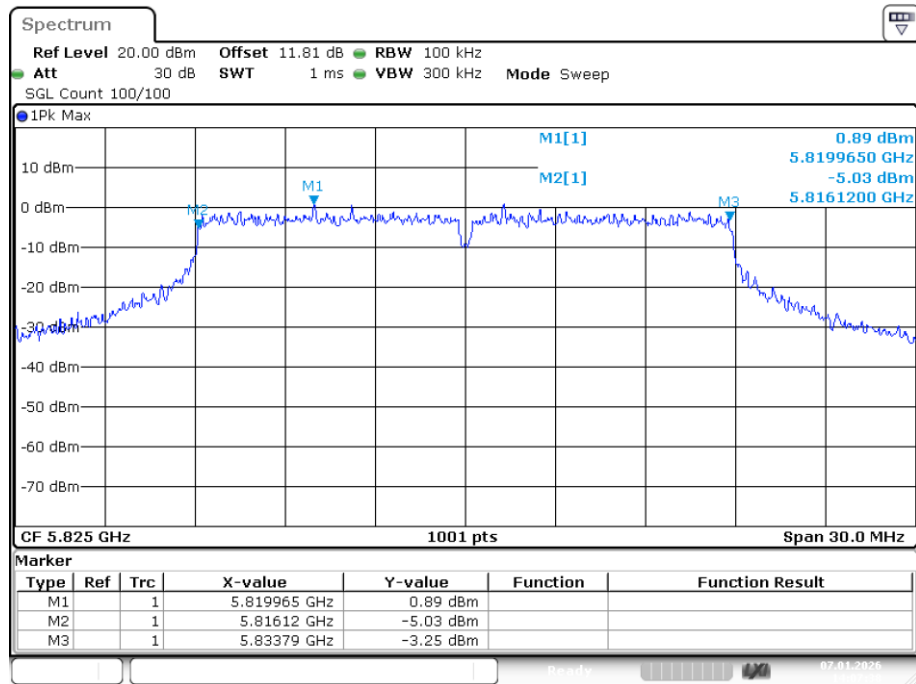
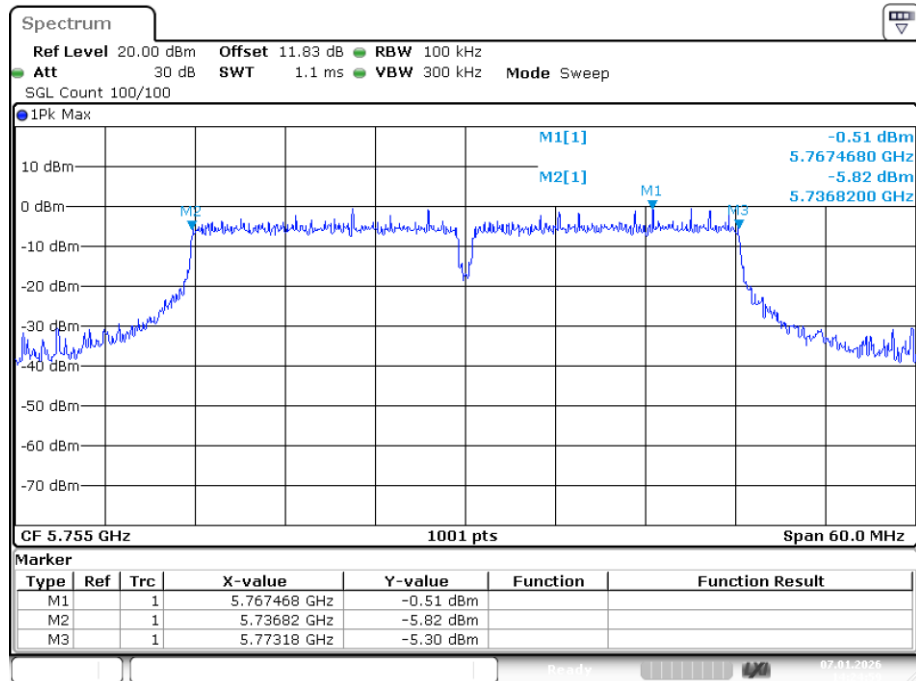


Date: 7.JAN.2026 14:01:58

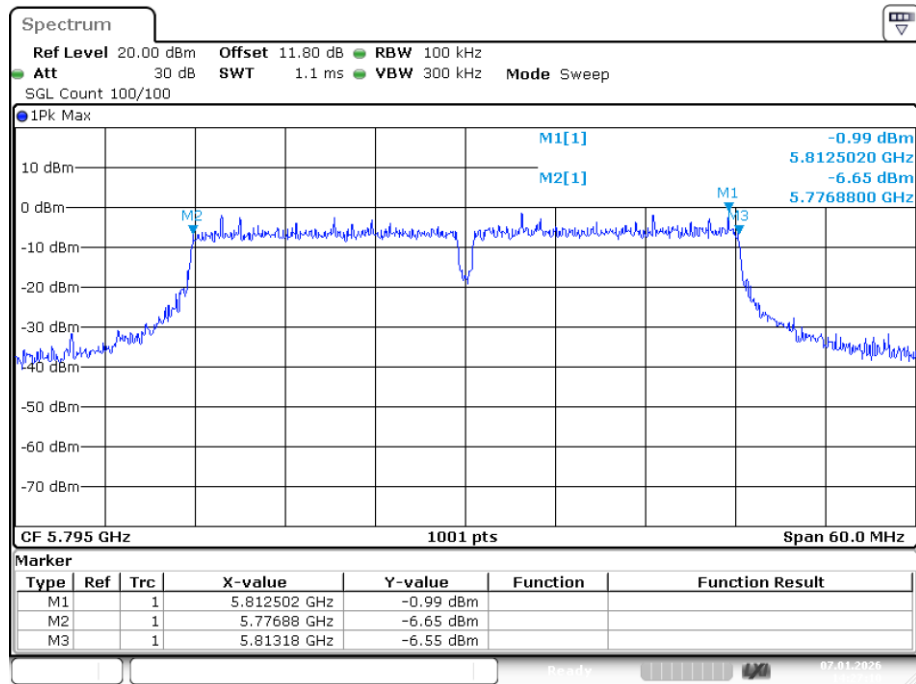
-6dB Bandwidth NVNT ac20 5785MHz Ant1



Date: 7.JAN.2026 14:05:32

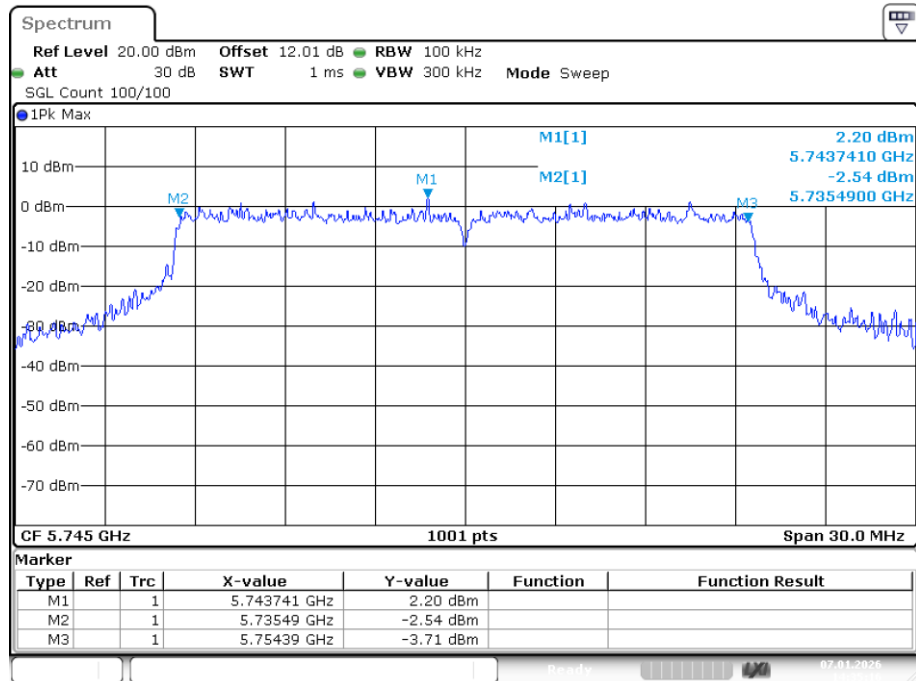
-6dB Bandwidth NVNT ac20 5825MHz Ant1**-6dB Bandwidth NVNT ac40 5755MHz Ant1**

-6dB Bandwidth NVNT ac40 5795MHz Ant1



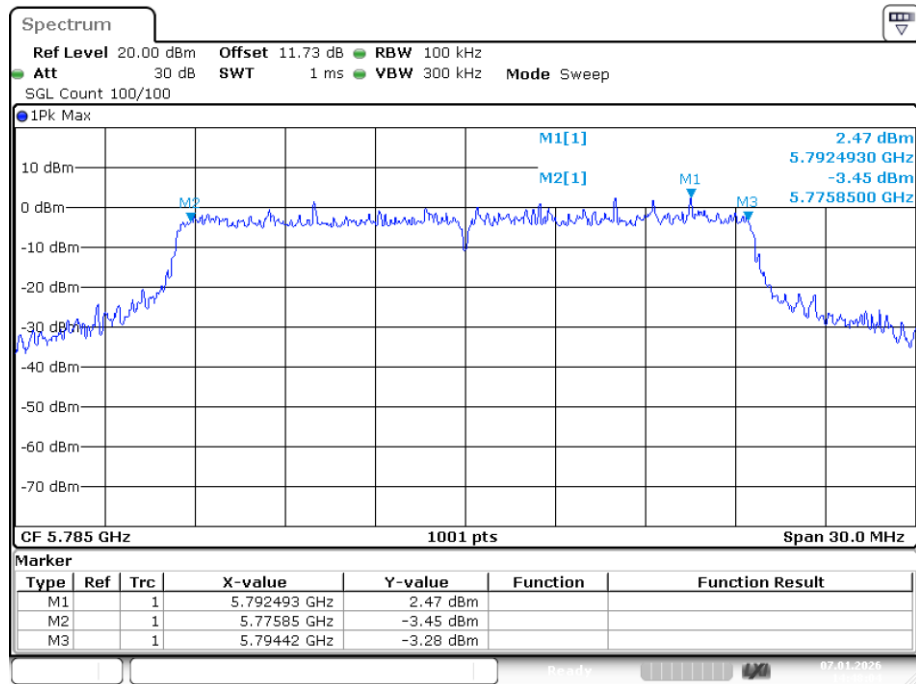
Date: 7.JAN.2026 14:27:10

-6dB Bandwidth NVNT ax20 5745MHz Ant1



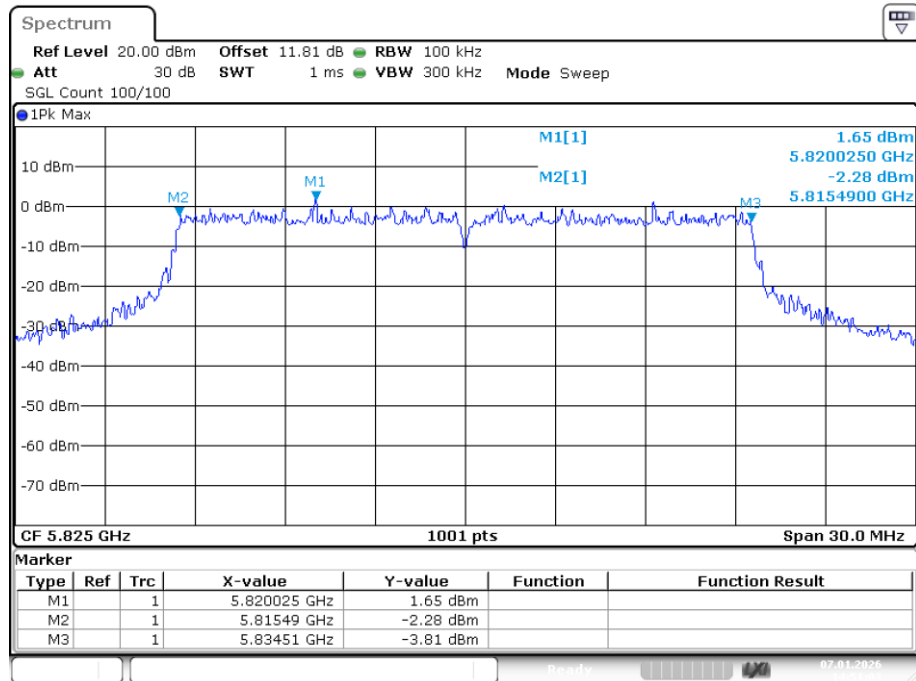
Date: 7.JAN.2026 14:35:16

-6dB Bandwidth NVNT ax20 5785MHz Ant1



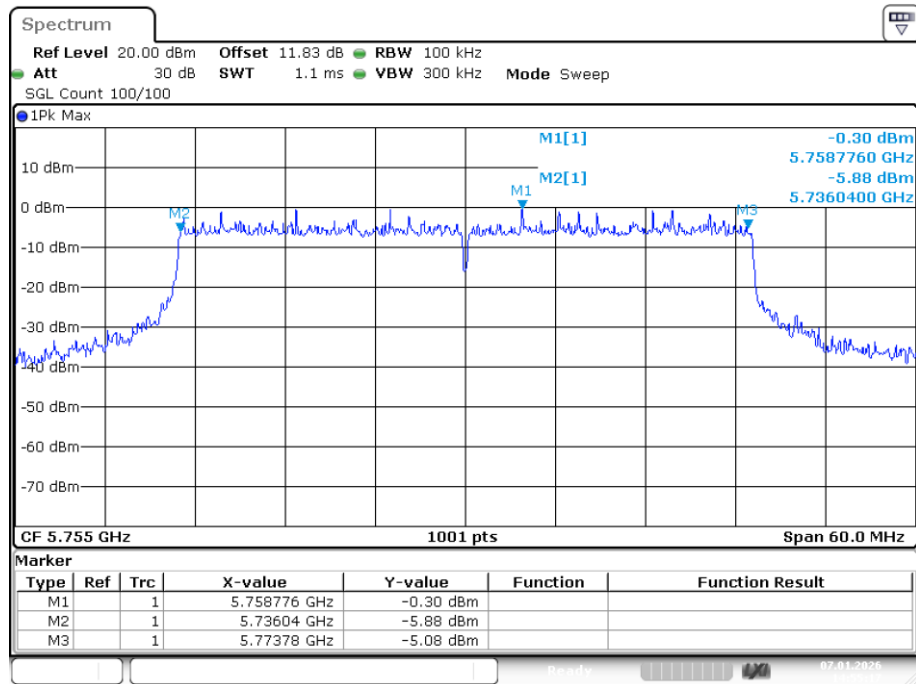
Date: 7.JAN.2026 14:48:04

-6dB Bandwidth NVNT ax20 5825MHz Ant1



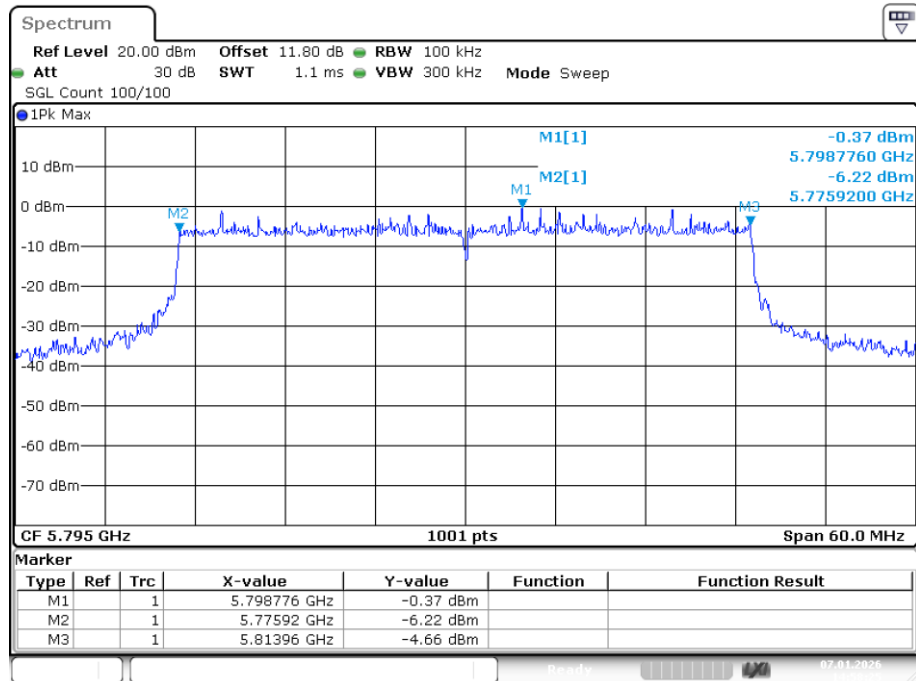
Date: 7.JAN.2026 14:51:02

-6dB Bandwidth NVNT ax40 5755MHz Ant1

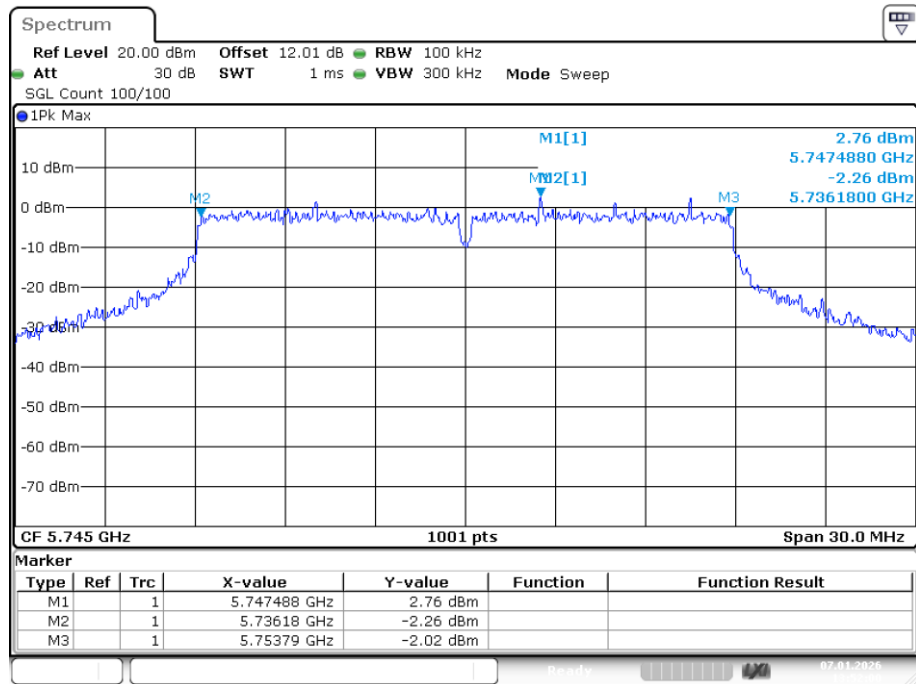


Date: 7.JAN.2026 14:55:17

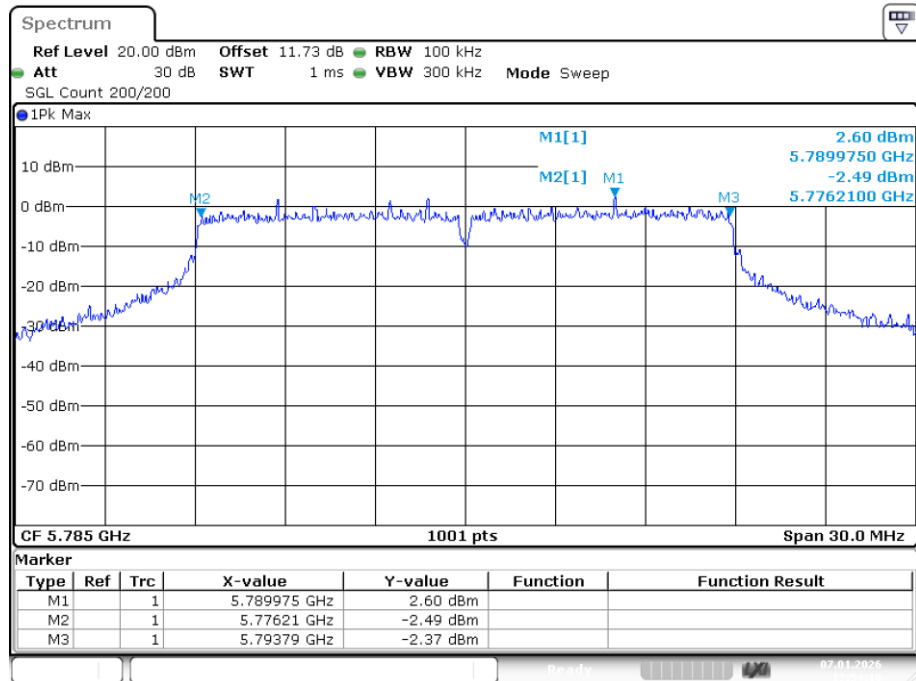
-6dB Bandwidth NVNT ax40 5795MHz Ant1



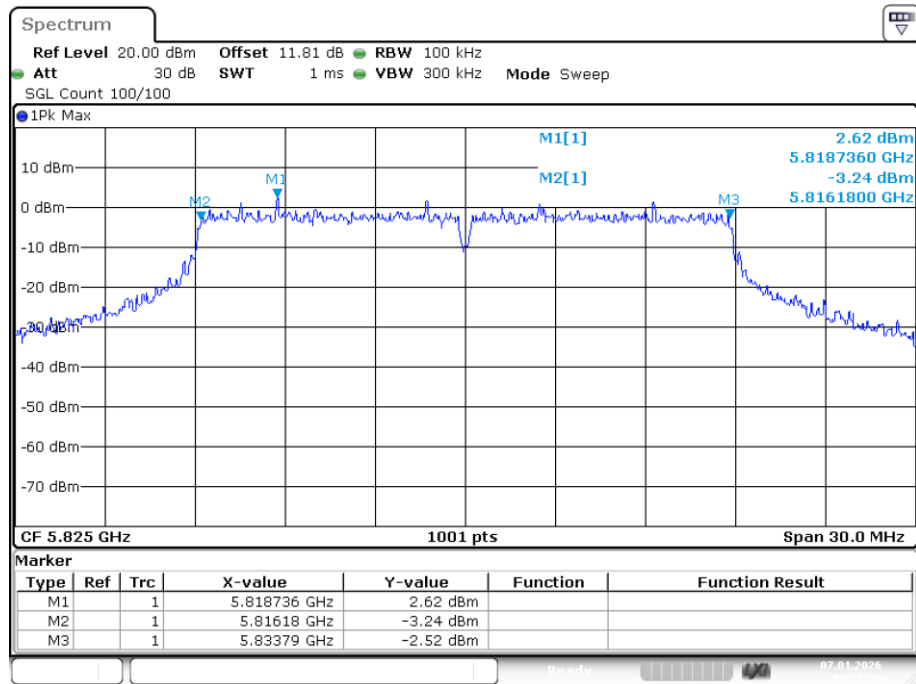
Date: 7.JAN.2026 14:58:25

-6dB Bandwidth NVNT n20 5745MHz Ant1

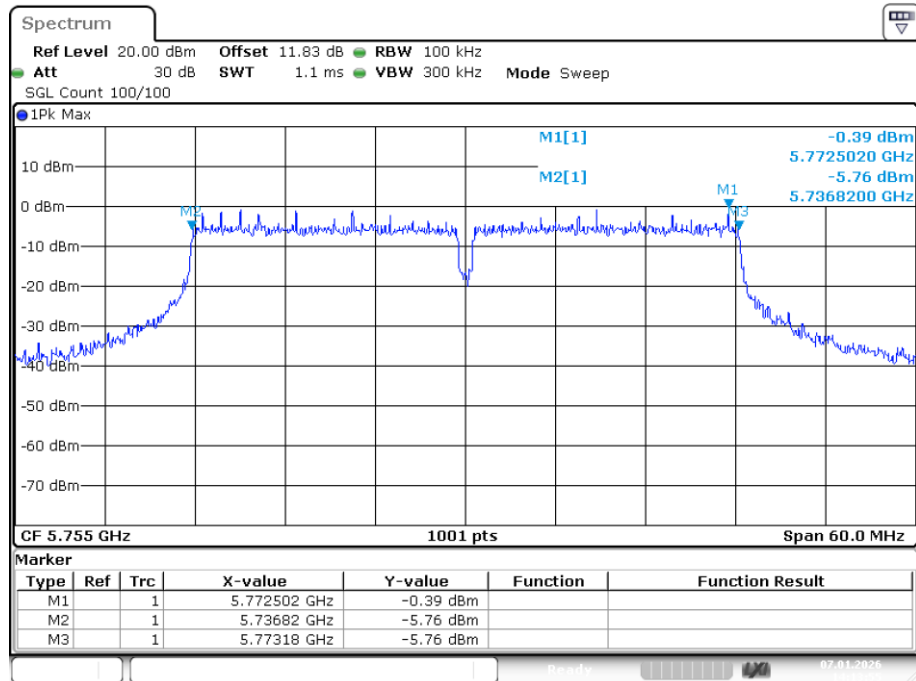
Date: 7.JAN.2026 13:51:59

-6dB Bandwidth NVNT n20 5785MHz Ant1

Date: 7.JAN.2026 13:54:10

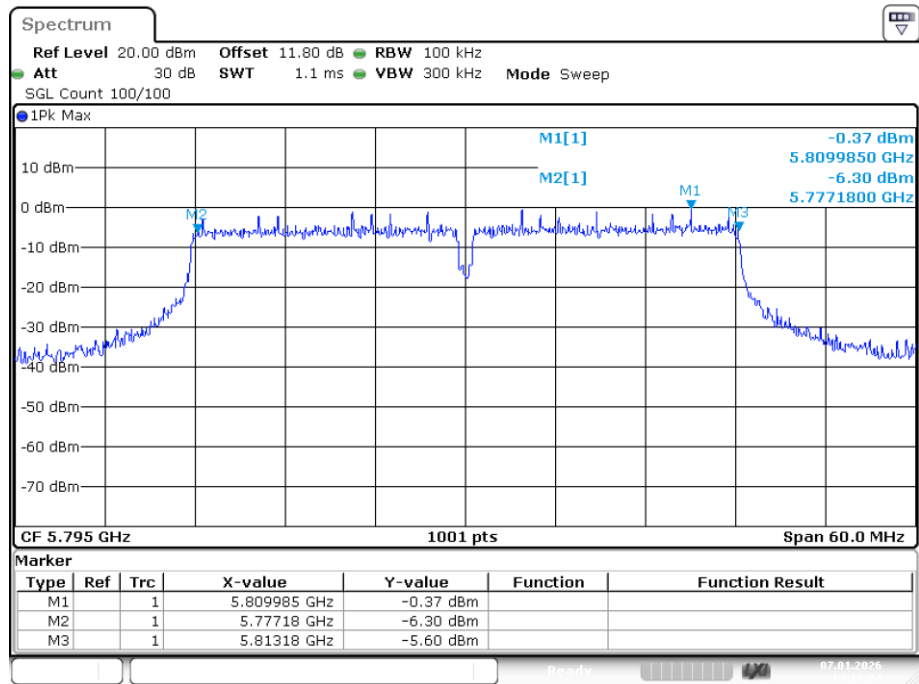
-6dB Bandwidth NVNT n20 5825MHz Ant1

Date: 7.JAN.2026 13:55:56

-6dB Bandwidth NVNT n40 5755MHz Ant1

Date: 7.JAN.2026 14:13:55

-6dB Bandwidth NVNT n40 5795MHz Ant1

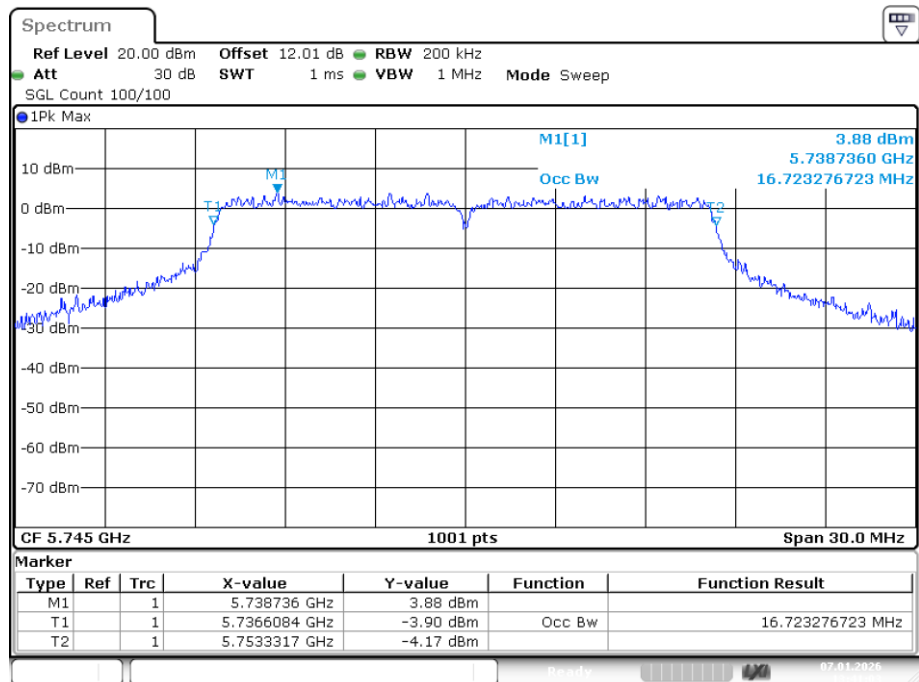


Date: 7.JAN.2026 14:16:24

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.723
NVNT	a	5785	Ant1	16.843
NVNT	a	5825	Ant1	16.783
NVNT	ac20	5745	Ant1	17.982
NVNT	ac20	5785	Ant1	18.012
NVNT	ac20	5825	Ant1	17.952
NVNT	ac40	5755	Ant1	36.923
NVNT	ac40	5795	Ant1	36.803
NVNT	ax20	5745	Ant1	19.151
NVNT	ax20	5785	Ant1	19.121
NVNT	ax20	5825	Ant1	19.181
NVNT	ax40	5755	Ant1	38.122
NVNT	ax40	5795	Ant1	38.062
NVNT	n20	5745	Ant1	17.982
NVNT	n20	5785	Ant1	17.982
NVNT	n20	5825	Ant1	17.952
NVNT	n40	5755	Ant1	36.863
NVNT	n40	5795	Ant1	36.803

OBW NVNT a 5745MHz Ant1



Date: 7.JAN.2026 13:41:03