



FCC&IC TEST REPORT

FCC ID: 2AYG9-TR08A

IC: 26800-TR08A

On Behalf of

SHENZHEN YECON TECHNOLOGY CO., LTD

Face recognition intelligent terminal

Model No.: TR08A

Prepared for : SHENZHEN YECON TECHNOLOGY CO., LTD
Address : 6 floor, East Second, Cuigang Industrial Park, Huai de 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,
Shenzhen, Guangdong, China

Report Number : A2012054-C01-R11
Date of Receipt : December 15, 2020
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Date of Report : January 28, 2021
Version Number : V0

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TEST REPORT DECLARATION

Applicant : SHENZHEN YECON TECHNOLOGY CO., LTD
 Address : 6 floor, East Second, Cuigang Industrial Park, Huai de community, Fuyong street, Baoan District, Shenzhen
 Manufacturer : SHENZHEN YECON TECHNOLOGY CO., LTD
 Address : 6 floor, East Second, Cuigang Industrial Park, Huai de community, Fuyong street, Baoan District, Shenzhen
 EUT Description : Face recognition intelligent terminal
 (A) Model No. : TR08A
 (B) Trademark : /

Measurement Standard Used:

FCC Rules and Regulations Part 15 Subpart C
RSS-247 Issue 2, ANSI C63.4:2014, ANSI C63.10:2013

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

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

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

Tested by (name + signature).....: Lucas Pang
 Project Engineer



Approved by (name + signature).....: Simple Guan
 Project Manager



Date of issue..... : January 28, 2021

Revision History

Revision	Issue Date	Revisions	Revised By
V0	January 28, 2021	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: Pass: The EUT complies with the essential requirements in the standard.

Frequency Stability: The manufacturer stated in the user's manual.

1.1 Measurement Uncertainty

Item	Uncertainty
Uncertainty for Power point Conducted Emissions Test	2.74dB
Uncertainty for Radiation Emission test in 3m chamber (below 30MHz)	2.13 dB(Polarize: V)
	2.57dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	3.77dB(Polarize: V)
	3.80dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (1GHz to 25GHz)	4.16dB(Polarize: H)
	4.13dB(Polarize: V)
Uncertainty for radio frequency	5.4×10^{-8}
Uncertainty for conducted RF Power	0.37dB
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	: Face recognition intelligent terminal
Trademark	: /
Model No.	: TR08A
DIFF.	: /
Power supply	: DC 12V from adapter
Radio Technology	: 5G WIFI
Operation Frequency	: 802.11a/n(HT20)/ac(HT20): 5180~5240MHz; 5260-5320MHz; 5500-5700MHz; 5745~5825MHz 802.11n(HT40)/ac(HT40): 5190~5230MHz; 5260-5320MHz; 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 5.24dBi
Software version	: V1.0
Hardware version	: YT-19-MB-V2.1
Intend use environment	: Residential, commercial and light industrial environment

Note: In this report, the main test model is TR08A, and the main test model serial number is YGKJ20207120345.

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

Accessories1 : AC/DC ADAPTER

Manufacturer : Shenzhen Jiuzhou Power Technology Co., LTD

Model : JZB024-120180D

Ratings : Input: 100-240V~ 50/60Hz 0.7A

Output: 12.0V=1.8A

Accessories2 : AC ADAPTER

Manufacturer : Dongguan Guanjin Electronics Technology Co., Ltd

Model : K25V120180E2

Ratings : Input: 100-240V~50/60Hz 0.6A

Output: 12.0V=1.8A 21.6W

Note: The two power adapters of the product have been tested. This report only reflects the data of the worst power supply (JZB024-120180D).

2.5 Deviation from Standards

None.

2.6 Abnormalities from Standard Conditions

None.

2.7 Other Information Requested by the Customer

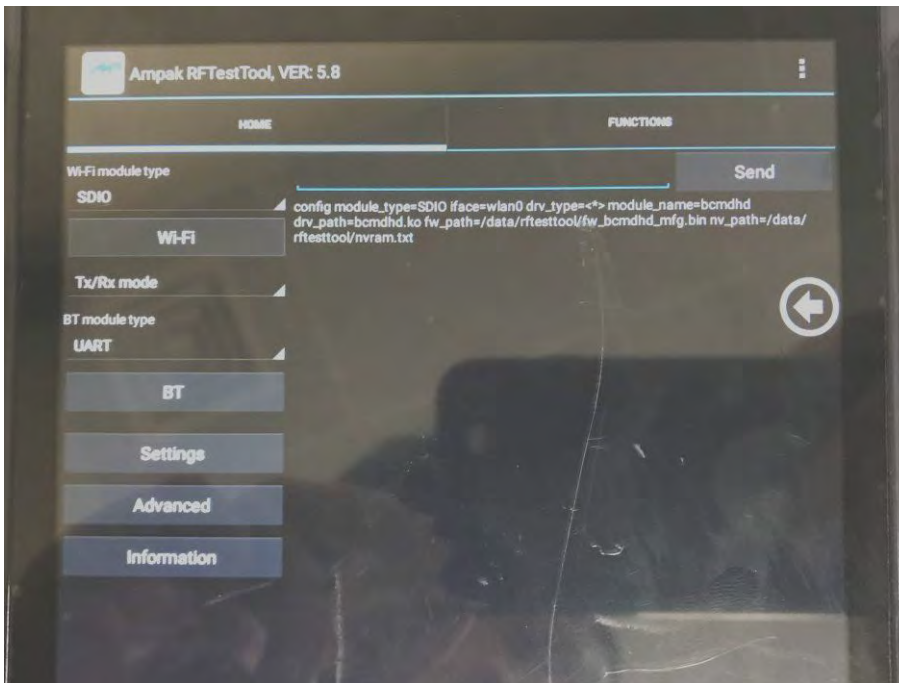
None.

2.8 Additional instructions

Software (Used for test) from client

Channel	Power level
Lowest	Default
Middle	Default
Highest	Default

Test software set:

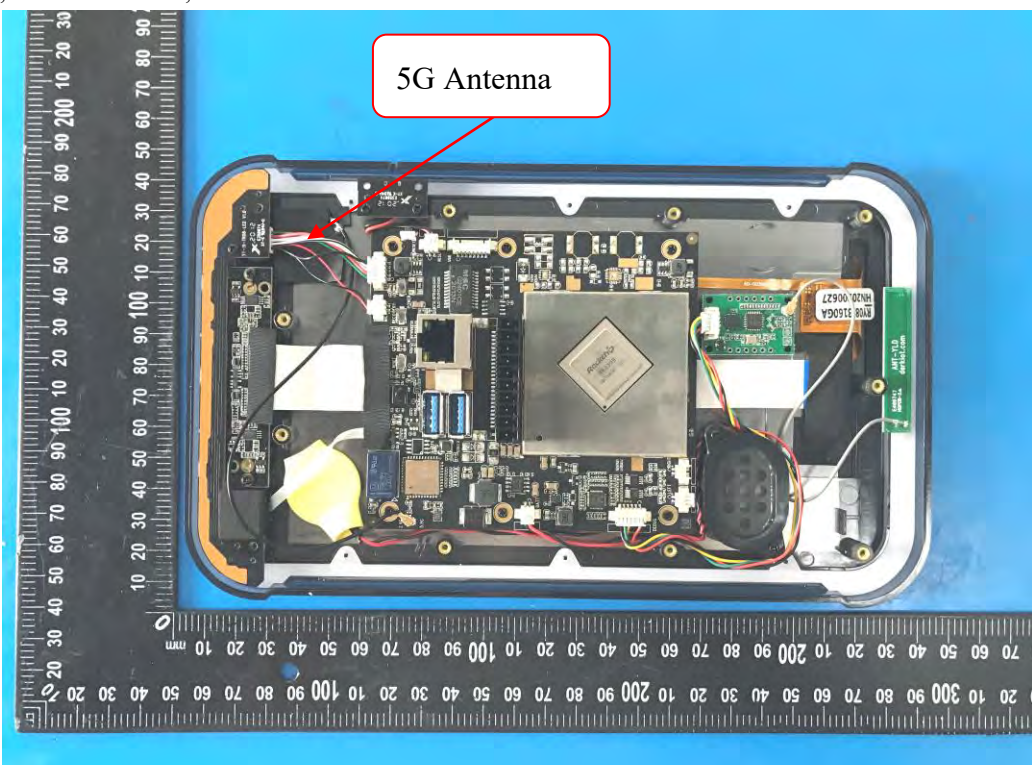


3 Test Instruments list

Equipment	Manufacture	Model No.	Serial No.	Last cal.	Cal Interval
9*6*6 anechoic chamber	CHENYU	9*6*6	N/A	2019.09.06	3Year
Spectrum analyzer	ROHDE&SCHWARZ	FSV40-N	102137	2020.09.02	1Year
Spectrum analyzer	Agilent	N9020A	MY499100060	2020.09.02	1Year
Receiver	ROHDE&SCHWARZ	ESR	1316.3003K03-102082-Wa	2020.09.02	1Year
Receiver	R&S	ESCI	101165	2020.09.02	1Year
Bilog Antenna	Schwarzbeck	VULB 9168	VULB9168-438	2020.04.12	2Year
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D(1201)	2020.04.12	2Year
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00059	2019.09.07	2Year
Cable	Resenberger	N/A	No.1	2020.09.02	1Year
Cable	Resenberger	N/A	No.2	2020.09.02	1Year
Cable	Resenberger	N/A	No.3	2020.09.02	1Year
Pre-amplifier	HP	HP8347A	2834A00455	2020.09.02	1Year
Pre-amplifier	Agilent	8449B	3008A02664	2020.09.02	1Year
L.I.S.N.#1	Schwarzbeck	NSLK8126	8126466	2020.09.02	1Year
L.I.S.N.#2	ROHDE&SCHWARZ	ENV216	101043	2020.09.02	1 Year
20db Attenuator	ICPROBING	IATS1	82347	2020.09.02	1 Year
Horn Antenna	SCHWARZBECK	BBHA9170	00946	2019.09.07	2 Year
Preamplifier	SKET	LNPA_1840-50	SK2018101801	2020.09.02	1 Year
Power Meter	Agilent	E9300A	MY41496625	2020.09.02	1 Year
Temp. & Humid. Chamber	Weihuang	WHTH-1000-40-880	100631	2020.09.02	1 Year
Switching Mode Power Supply	JUNKE	JK12010S	20140927-6	2020.09.02	1 Year

4 Test results and Measurement Data

4.1 Antenna requirement:

Standard requirement:	FCC Part15 C Section 15.203
<p>15.203 requirement:</p> <p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.</p>	
E.U.T Antenna:	
<p>The antenna is internal antenna. The best case gain of the antenna is 5.24dBi for 5.15~5.25GHz, 5.25~5.35GHz , 5.47~5.725GHz, 5.725~5.85GHz</p>	
	

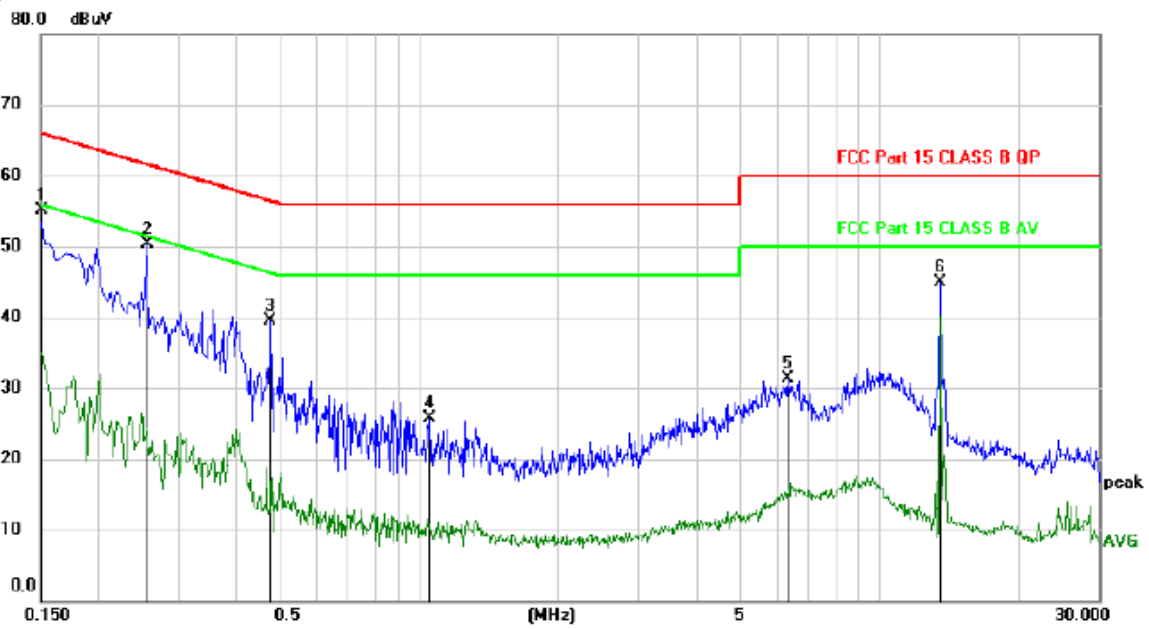
4.2 Conducted Emissions

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:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test procedure	The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.		
Test setup:	<p>Reference Plane</p> <p>40cm</p> <p>80cm</p> <p>LISN</p> <p>AUX Equipment</p> <p>E.U.T</p> <p>Test table/Insulation plane</p> <p>LISN</p> <p>Filter</p> <p>AC power</p> <p>EMI Receiver</p> <p>Remark 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.

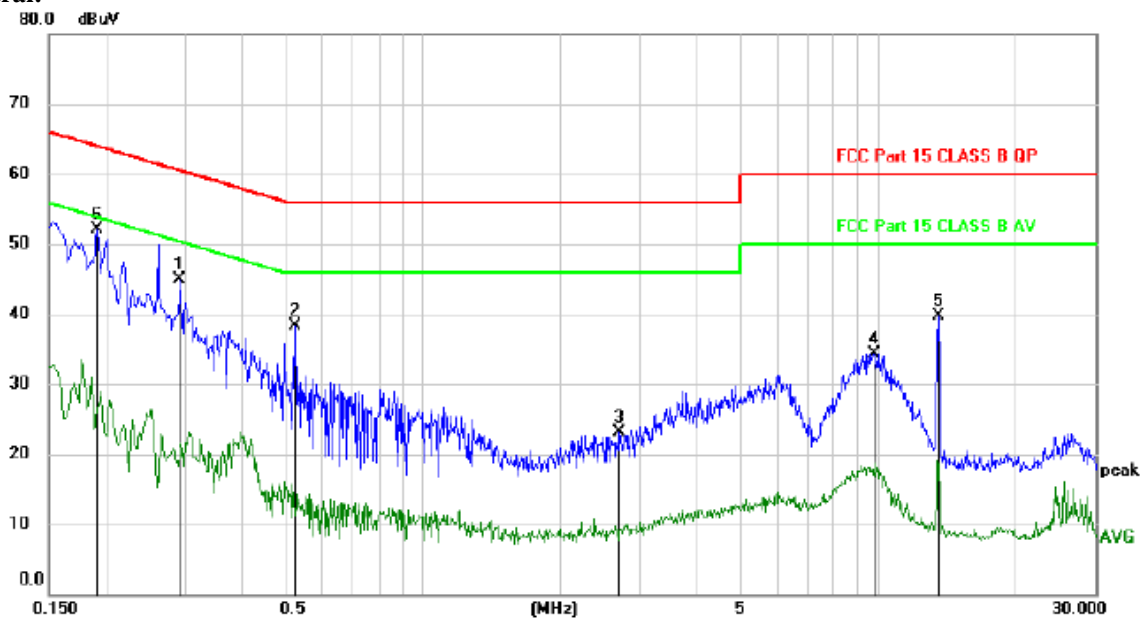
Line:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	45.26	9.94	55.20	66.00	-10.80	peak	
2		0.2550	40.40	9.96	50.36	61.59	-11.23	peak	
3		0.4740	29.53	9.95	39.48	56.44	-16.96	peak	
4		1.0500	15.75	9.91	25.66	56.00	-30.34	peak	
5		6.3239	21.26	10.09	31.35	60.00	-28.65	peak	
6		13.5630	34.52	10.30	44.82	60.00	-15.18	peak	

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

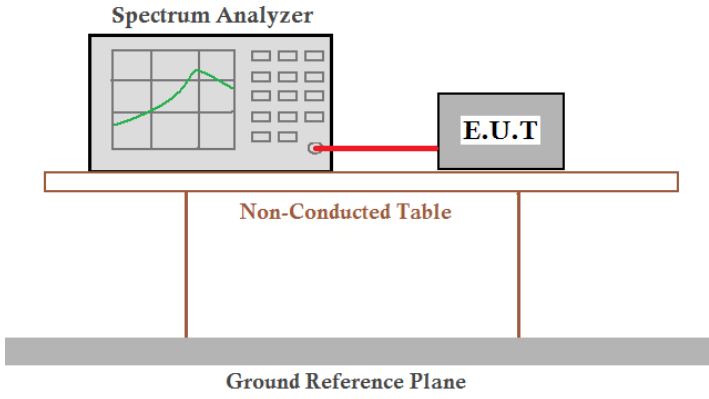
Neutral:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2910	35.01	9.93	44.94	60.50	-15.56	peak	
2		0.5220	28.33	9.95	38.28	56.00	-17.72	peak	
3		2.7030	13.24	9.92	23.16	56.00	-32.84	peak	
4		9.7650	24.17	10.20	34.37	60.00	-25.63	peak	
5		13.5720	29.47	10.30	39.77	60.00	-20.23	peak	
6	*	0.1920	42.20	9.92	52.12	63.95	-11.83	peak	

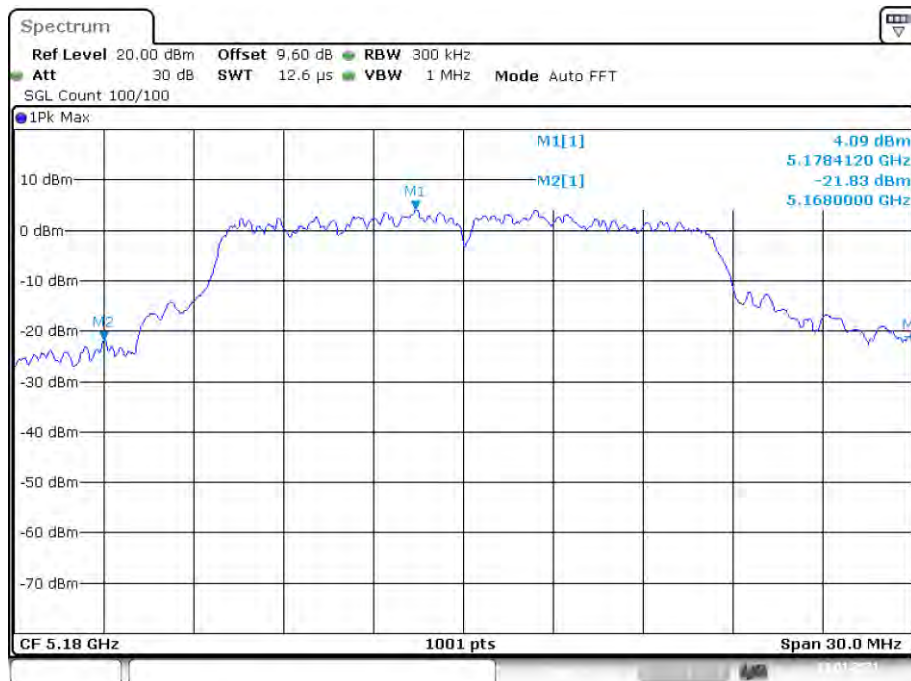
Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

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

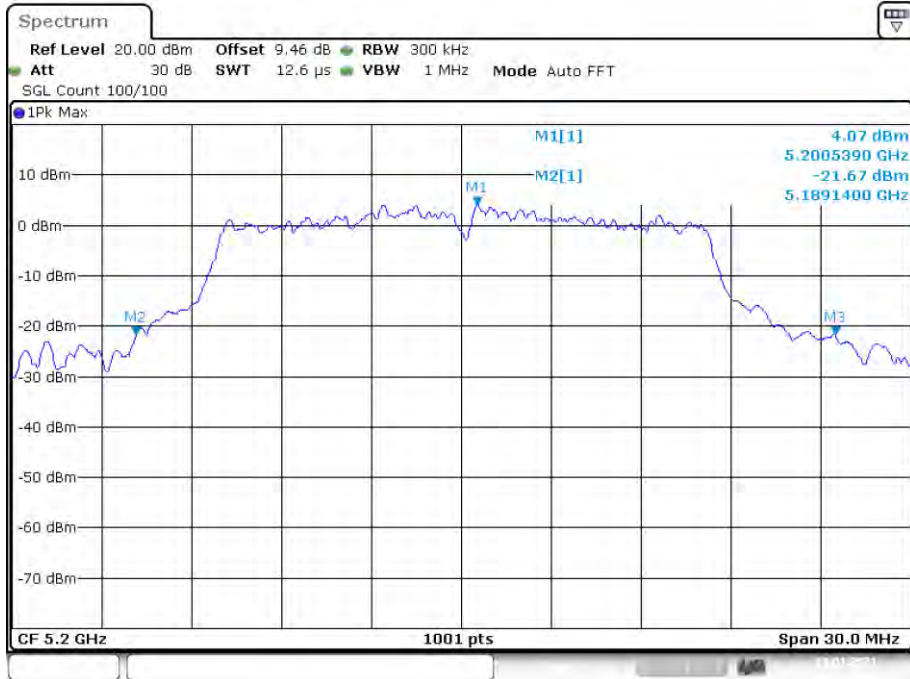
Measurement Data:**Band 1 (5150-5250 MHz):****-26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	27	0.5	Pass
NVNT	a	5200	Ant1	23.34	0.5	Pass
NVNT	a	5240	Ant1	24.57	0.5	Pass
NVNT	ac20	5180	Ant1	25.74	0.5	Pass
NVNT	ac20	5200	Ant1	22.14	0.5	Pass
NVNT	ac20	5240	Ant1	21.54	0.5	Pass
NVNT	ac40	5190	Ant1	49.38	0.5	Pass
NVNT	ac40	5230	Ant1	48.78	0.5	Pass
NVNT	ac80	5210	Ant1	99.12	0.5	Pass
NVNT	n20	5180	Ant1	25.65	0.5	Pass
NVNT	n20	5200	Ant1	22.56	0.5	Pass
NVNT	n20	5240	Ant1	22.86	0.5	Pass
NVNT	n40	5190	Ant1	49.2	0.5	Pass
NVNT	n40	5230	Ant1	47.94	0.5	Pass

-26dB Bandwidth NVNT a 5180MHz Ant1

Date: 18.JAN.2021 10:21:20

-26dB Bandwidth NVNT a 5200MHz Ant1



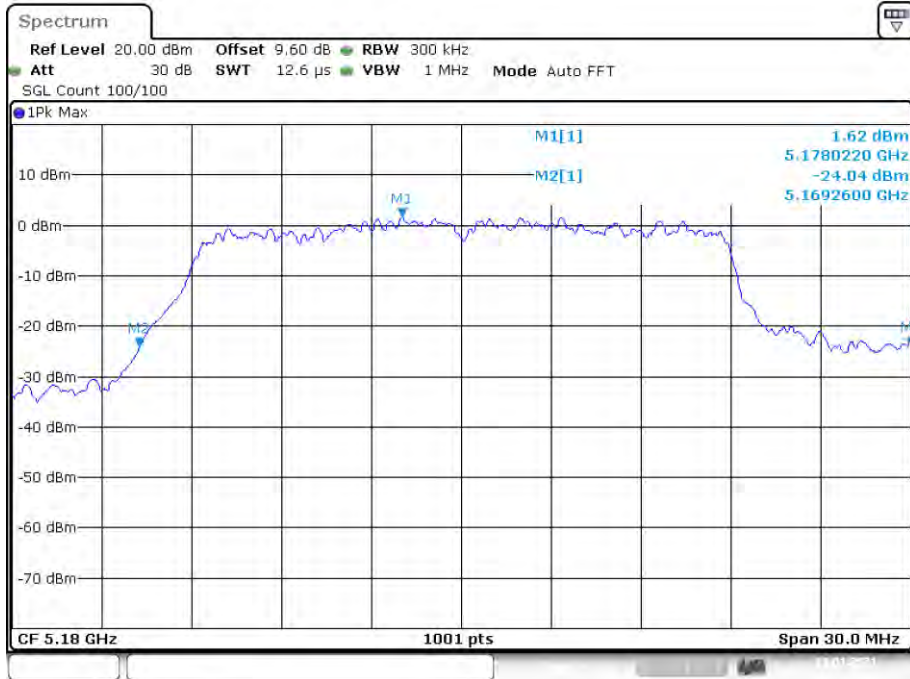
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-26dB Bandwidth NVNT a 5240MHz Ant1



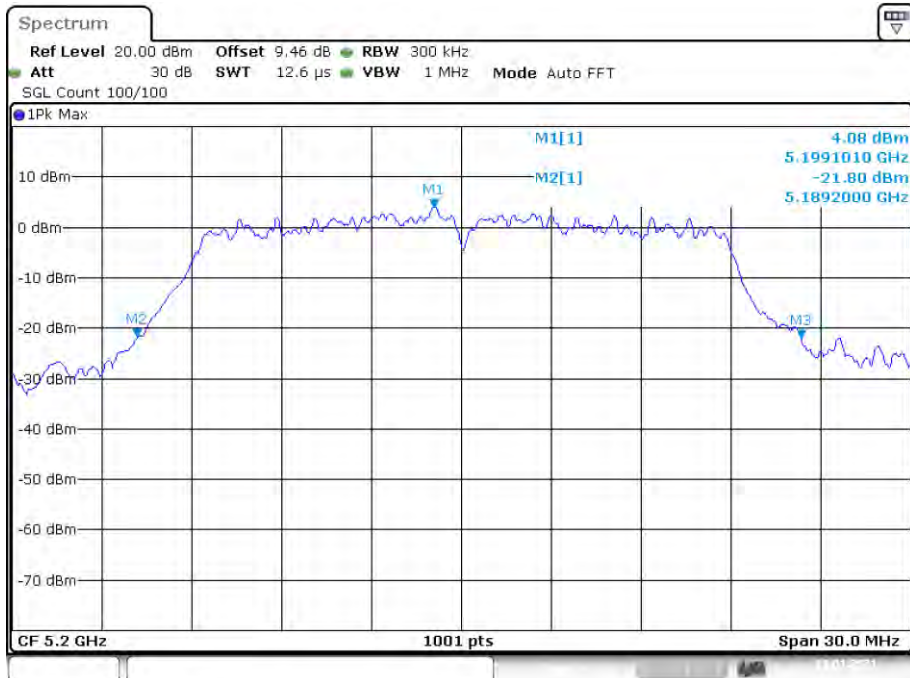
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-26dB Bandwidth NVNT ac20 5180MHz Ant1



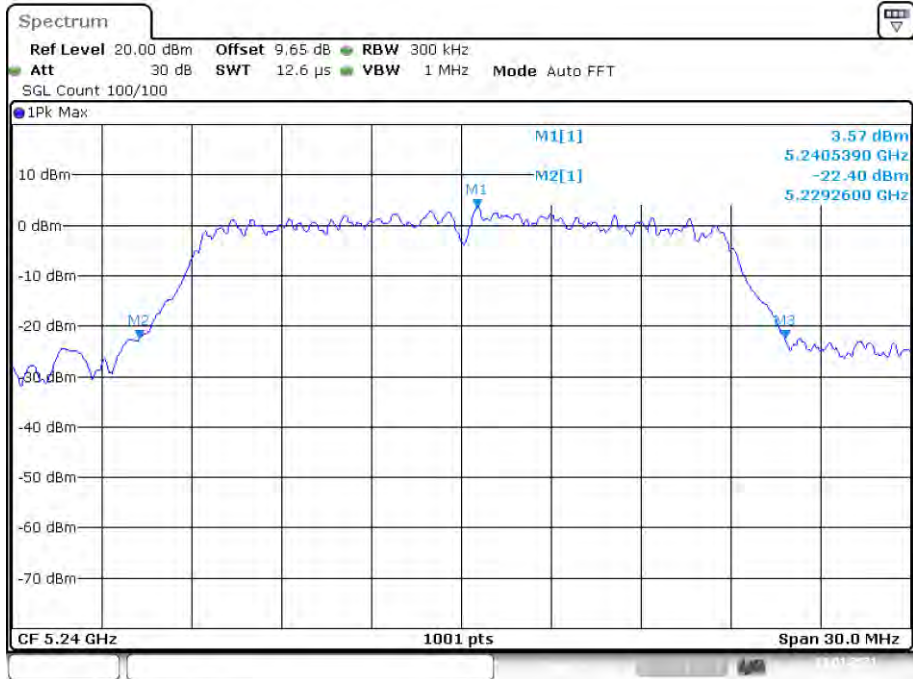
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-26dB Bandwidth NVNT ac20 5200MHz Ant1



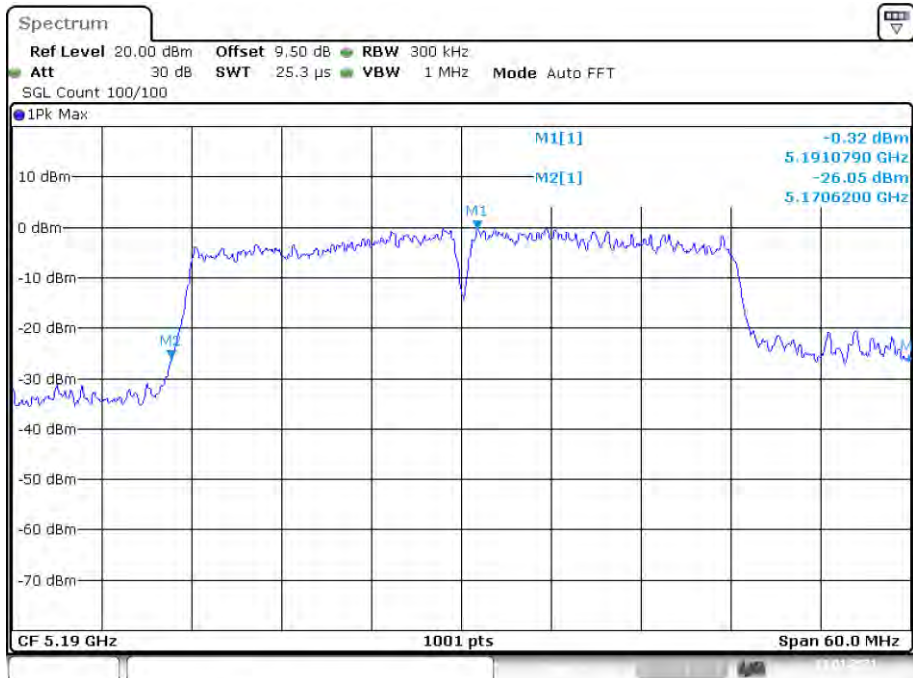
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-26dB Bandwidth NVNT ac20 5240MHz Ant1



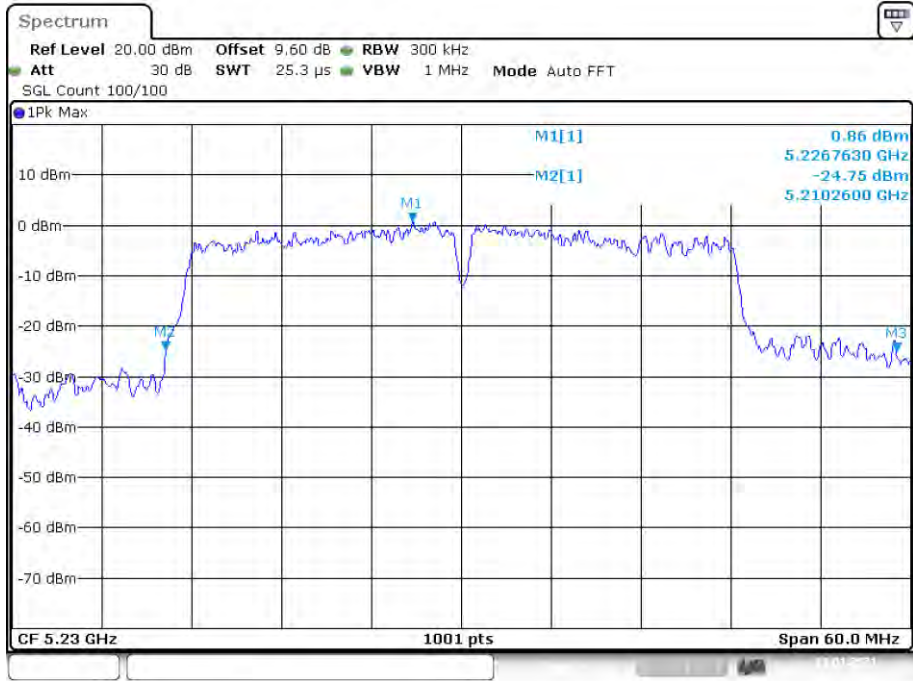
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-26dB Bandwidth NVNT ac40 5190MHz Ant1



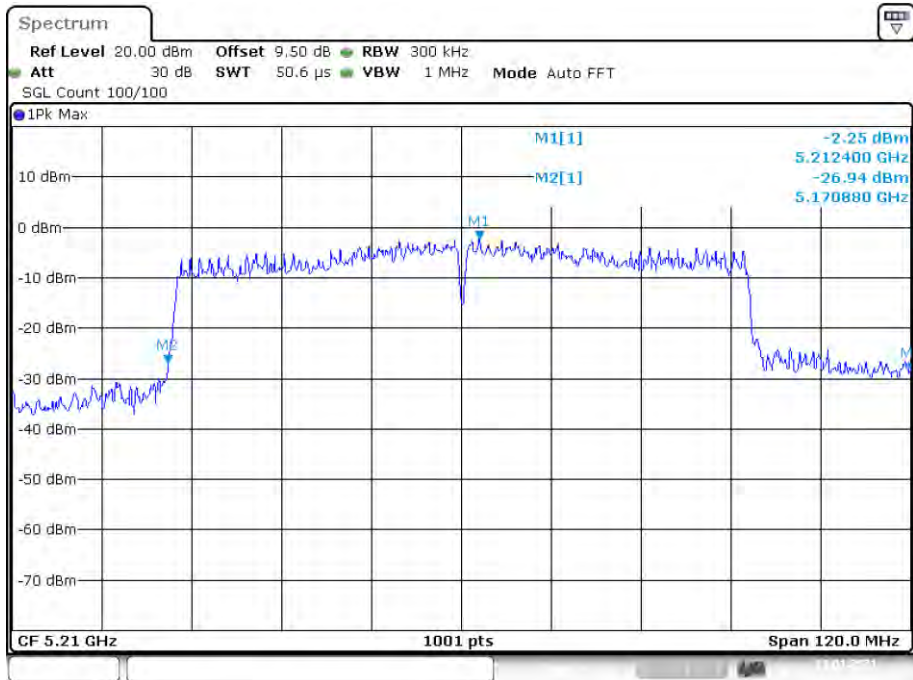
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-26dB Bandwidth NVNT ac40 5230MHz Ant1



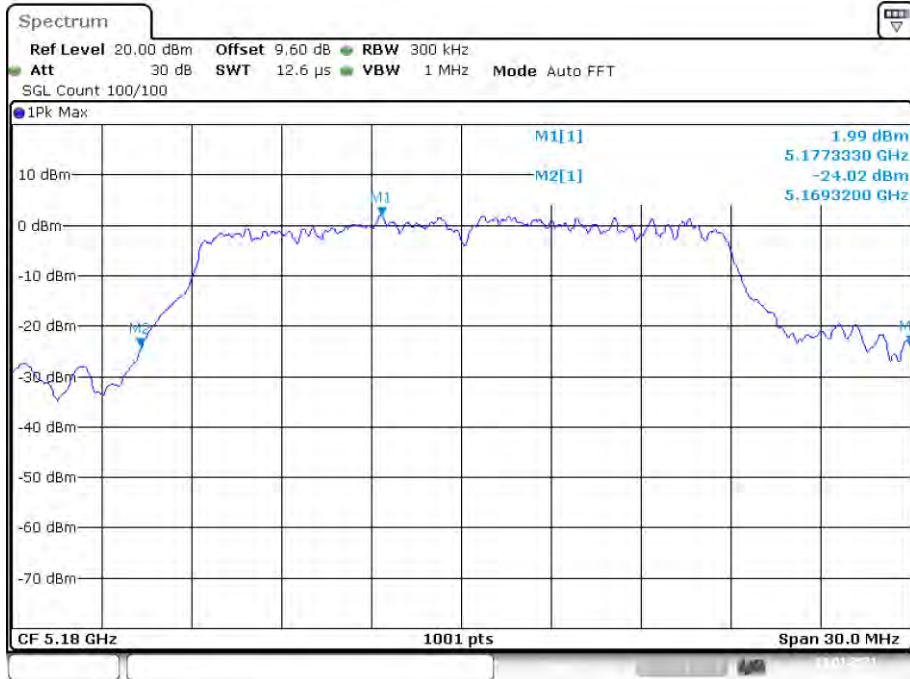
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-26dB Bandwidth NVNT ac80 5210MHz Ant1



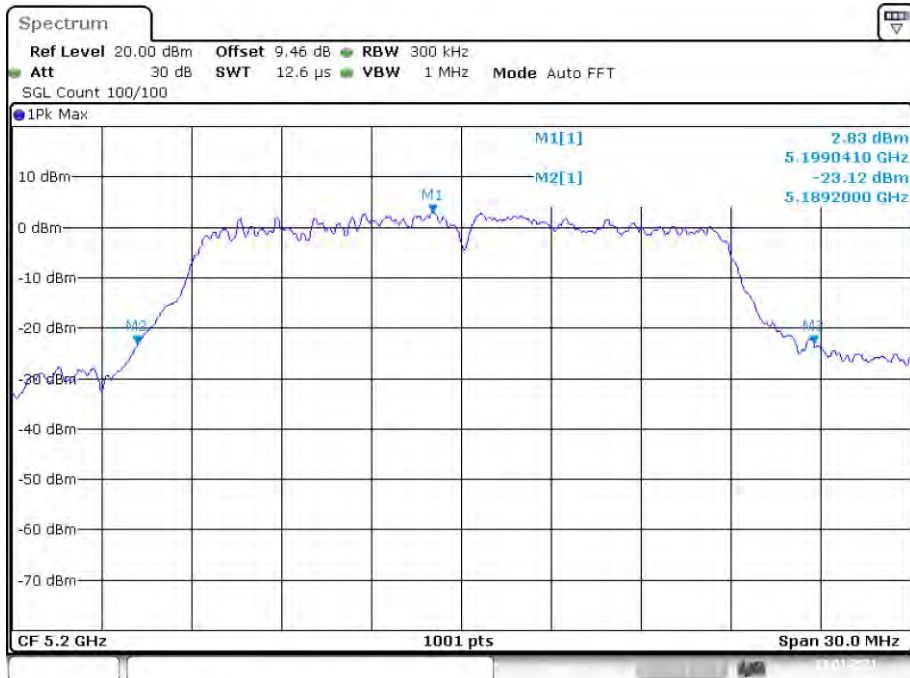
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-26dB Bandwidth NVNT n20 5180MHz Ant1



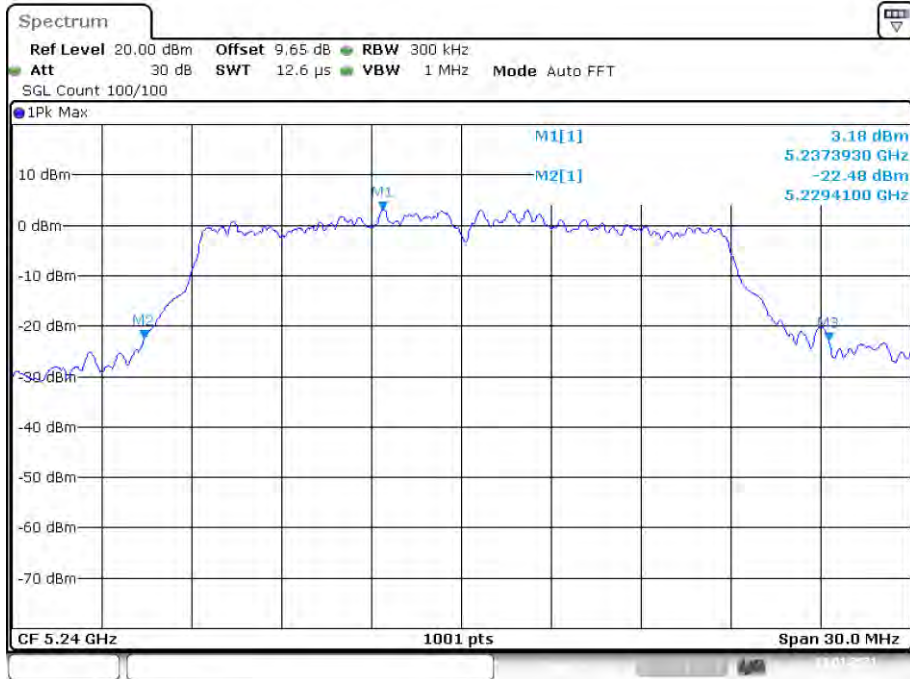
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-26dB Bandwidth NVNT n20 5200MHz Ant1



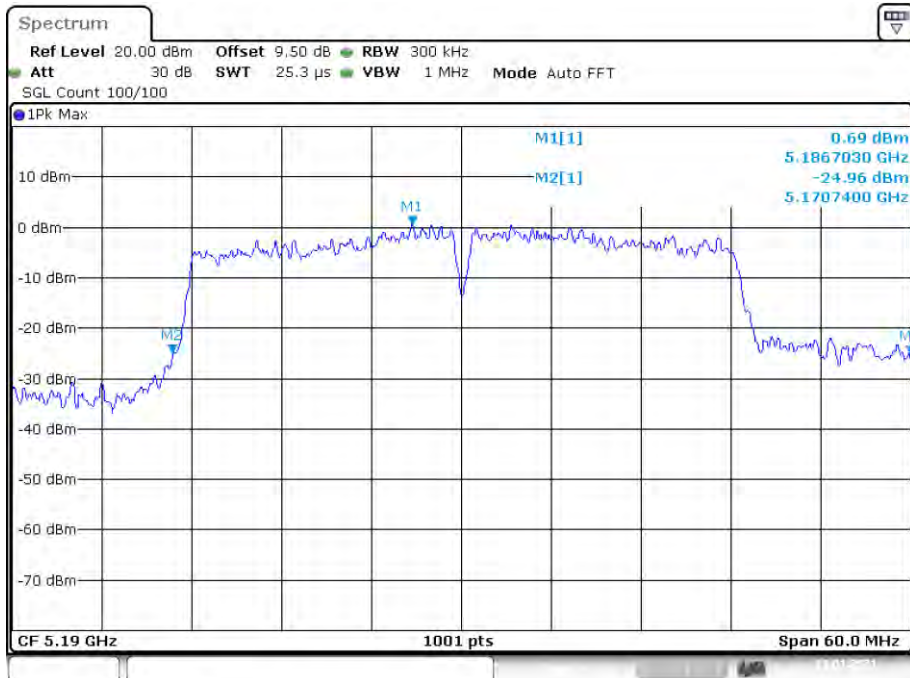
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-26dB Bandwidth NVNT n20 5240MHz Ant1



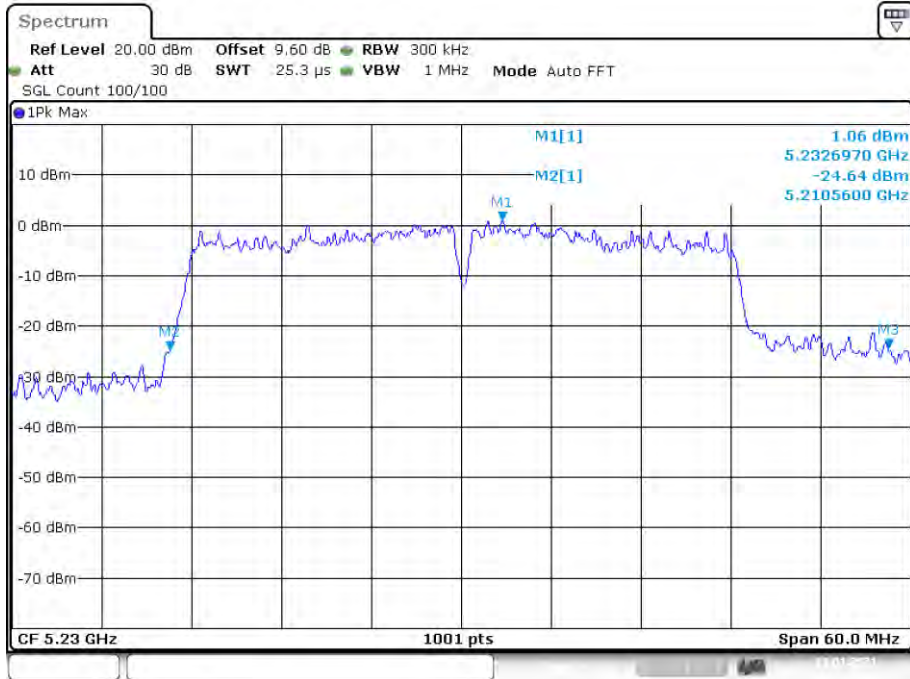
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-26dB Bandwidth NVNT n40 5190MHz Ant1



Date: 18.JAN.2021 11:02:13

-26dB Bandwidth NVNT n40 5230MHz Ant1

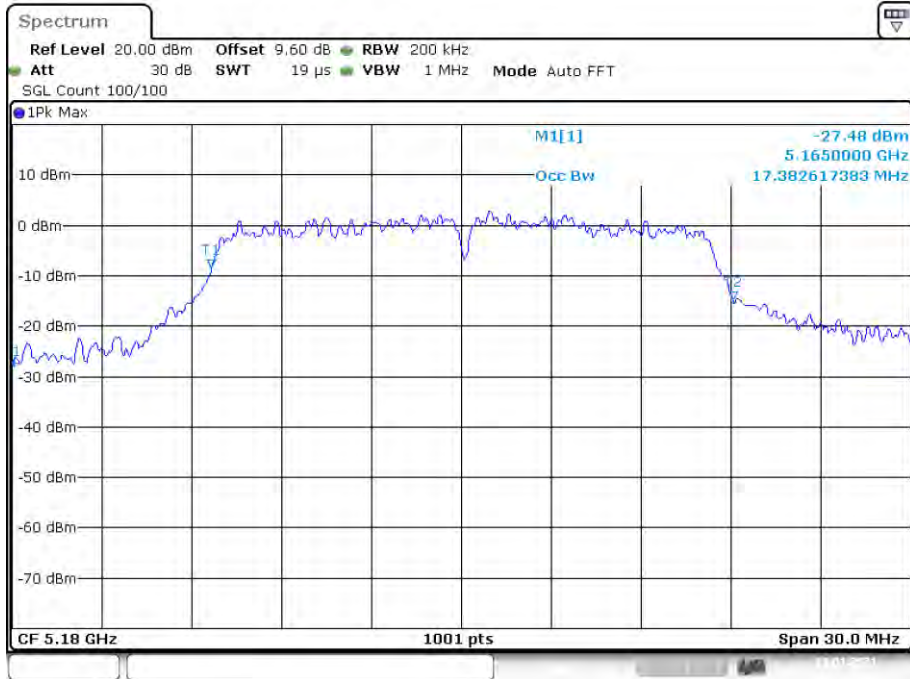


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Occupied Channel Bandwidth

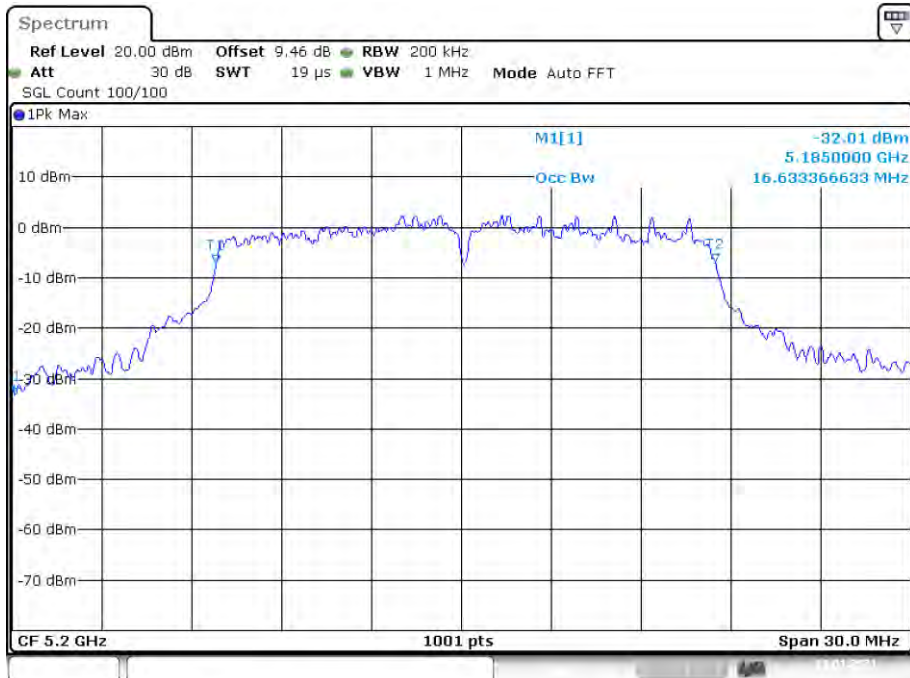
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.383
NVNT	a	5200	Ant1	16.633
NVNT	a	5240	Ant1	16.633
NVNT	ac20	5180	Ant1	17.922
NVNT	ac20	5200	Ant1	17.862
NVNT	ac20	5240	Ant1	17.862
NVNT	ac40	5190	Ant1	36.324
NVNT	ac40	5230	Ant1	36.264
NVNT	ac80	5210	Ant1	75.644
NVNT	n20	5180	Ant1	17.922
NVNT	n20	5200	Ant1	17.712
NVNT	n20	5240	Ant1	17.892
NVNT	n40	5190	Ant1	36.623
NVNT	n40	5230	Ant1	36.384

OBW NVNT a 5180MHz Ant1



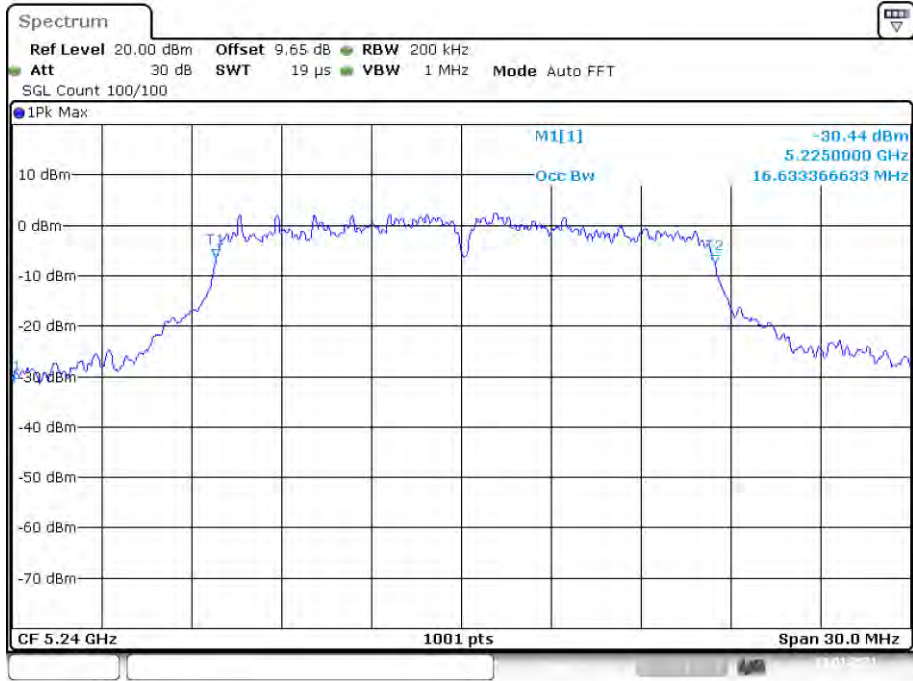
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OBW NVNT a 5200MHz Ant1



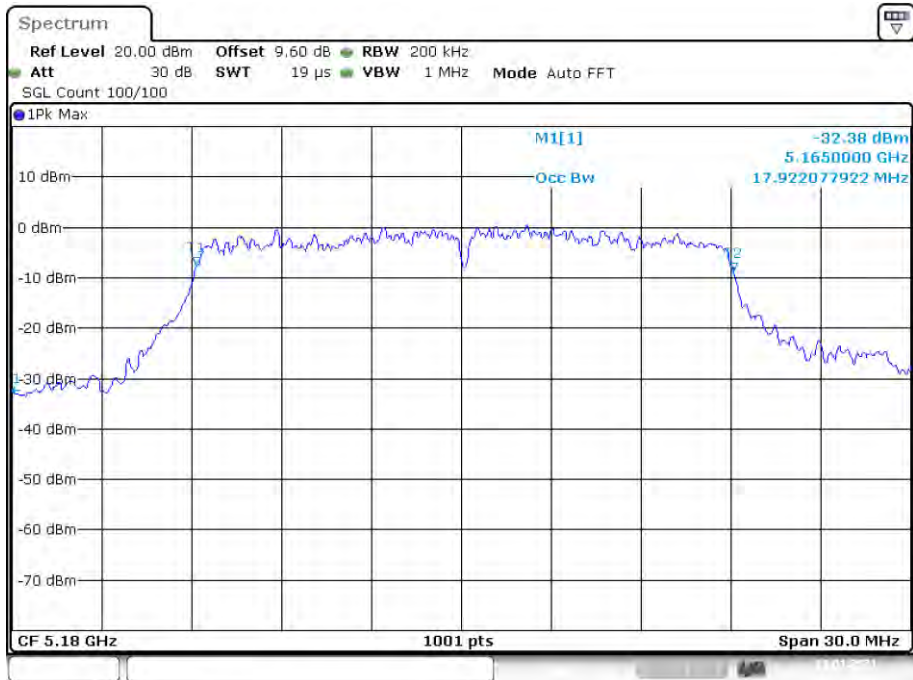
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OBW NVNT a 5240MHz Ant1



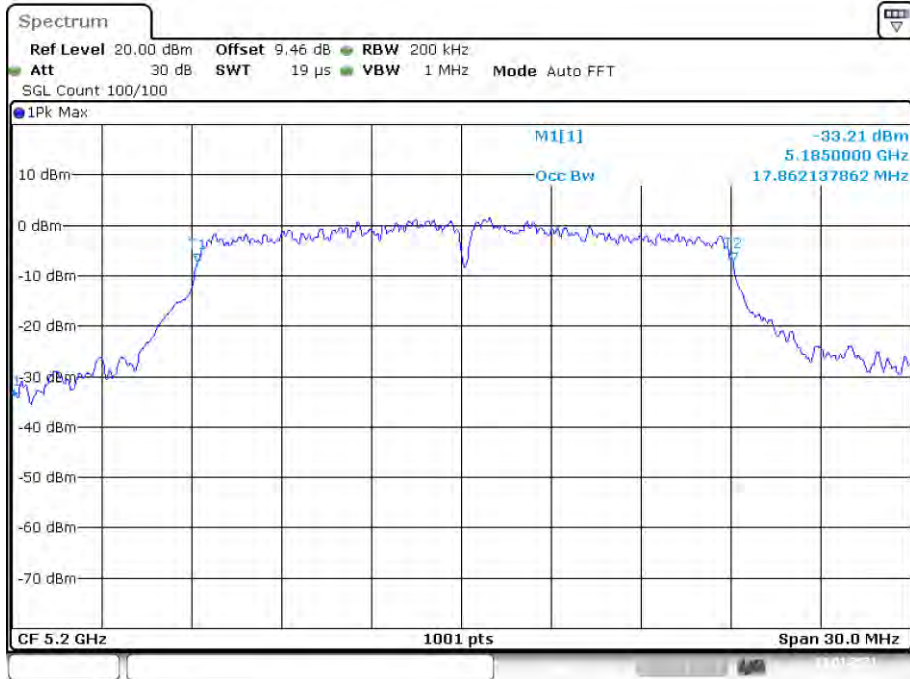
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OBW NVNT ac20 5180MHz Ant1



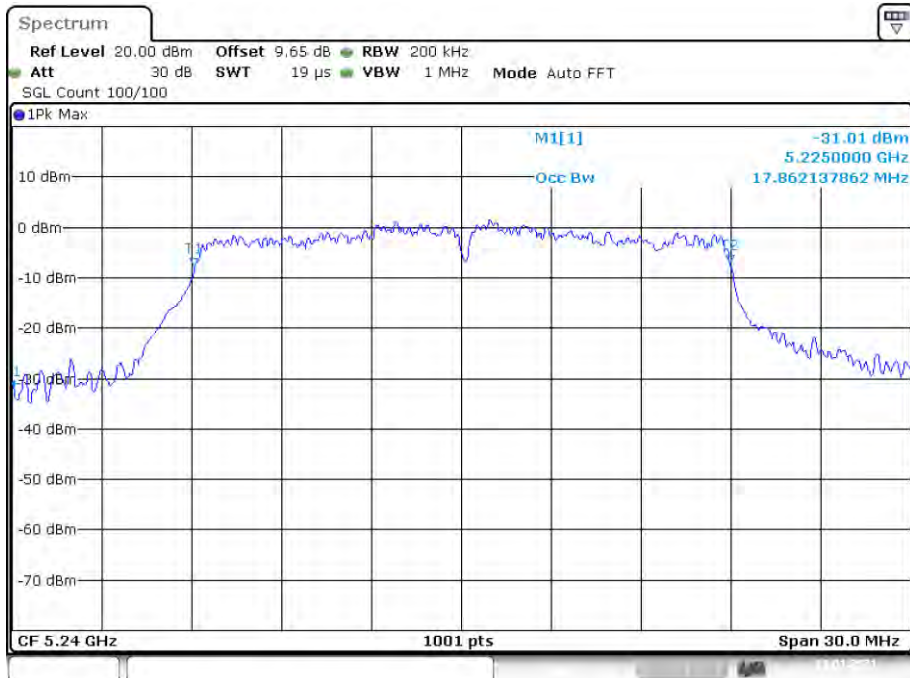
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OBW NVNT ac20 5200MHz Ant1



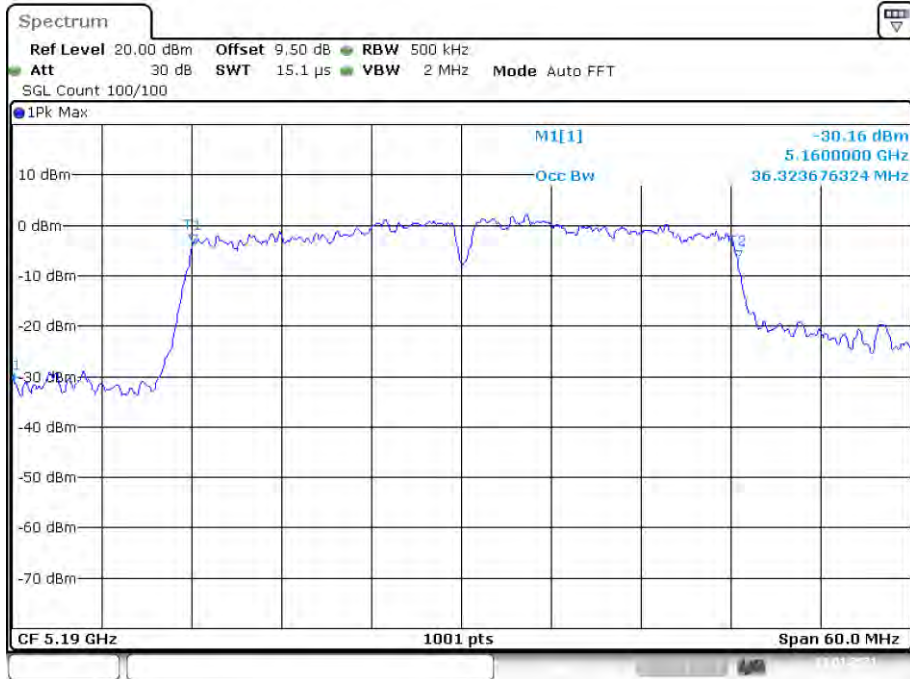
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OBW NVNT ac20 5240MHz Ant1



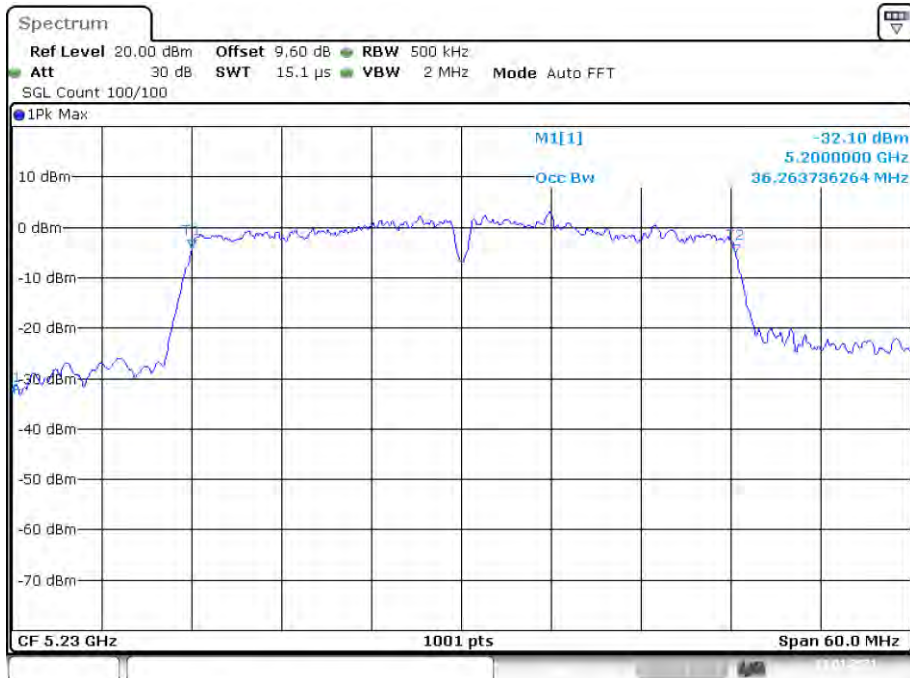
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OBW NVNT ac40 5190MHz Ant1



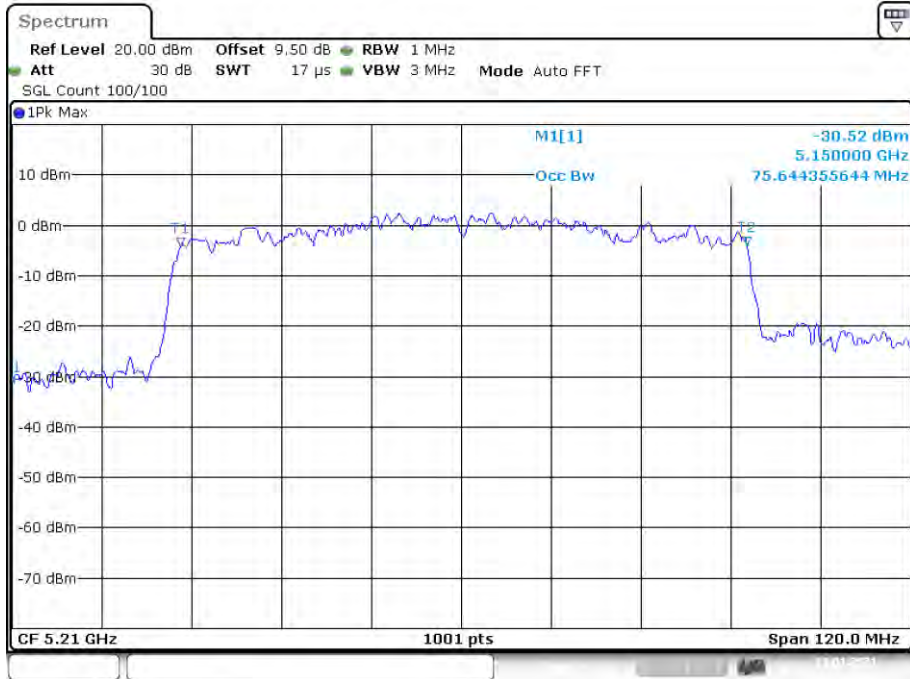
Date: 18.JAN.2021 11:12:29

OBW NVNT ac40 5230MHz Ant1



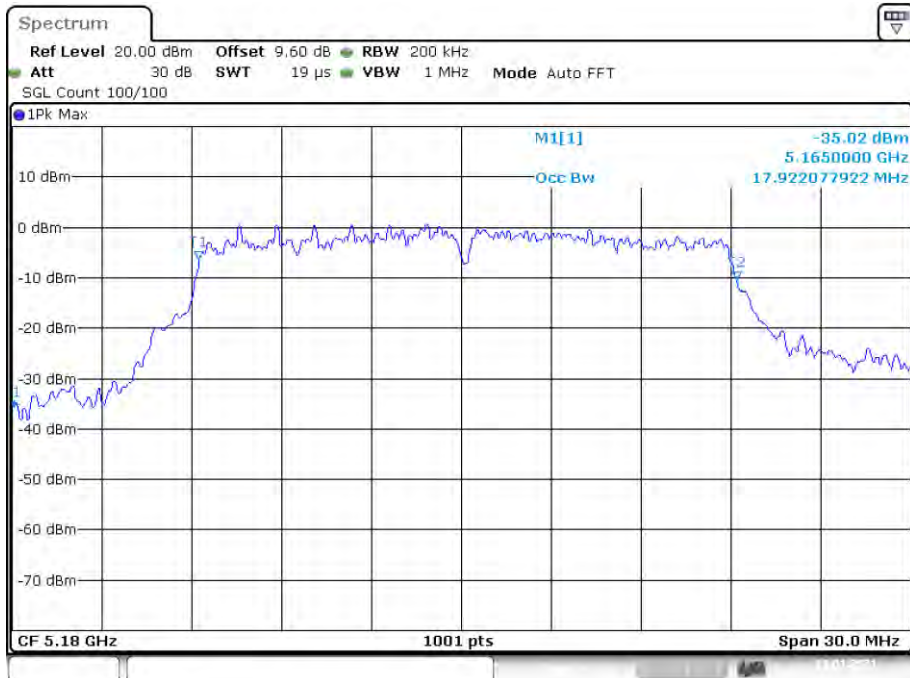
Date: 18.JAN.2021 11:16:57

OBW NVNT ac80 5210MHz Ant1



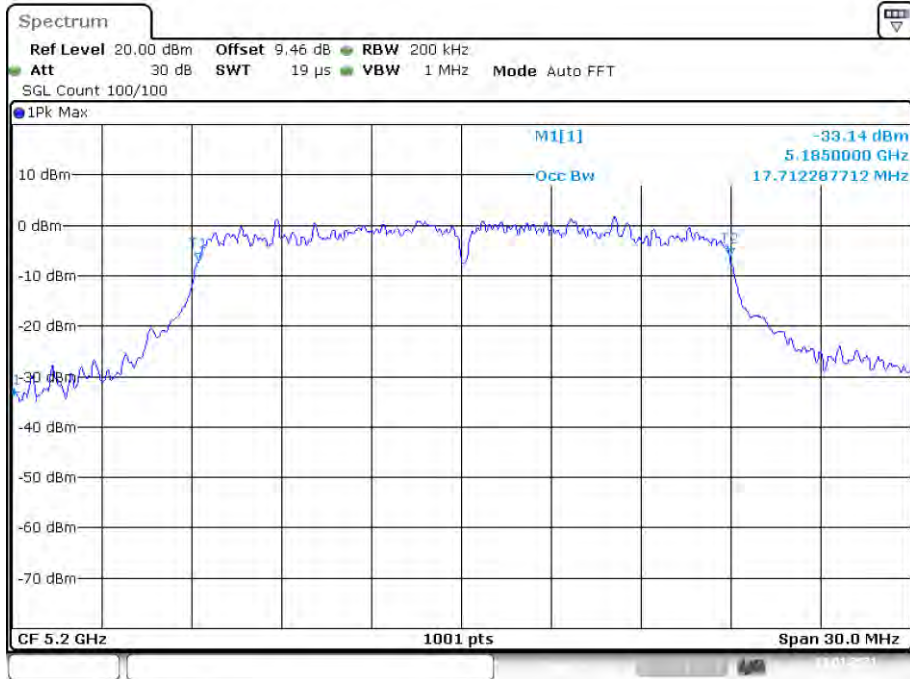
Date: 18.JAN.2021 11:20:57

OBW NVNT n20 5180MHz Ant1



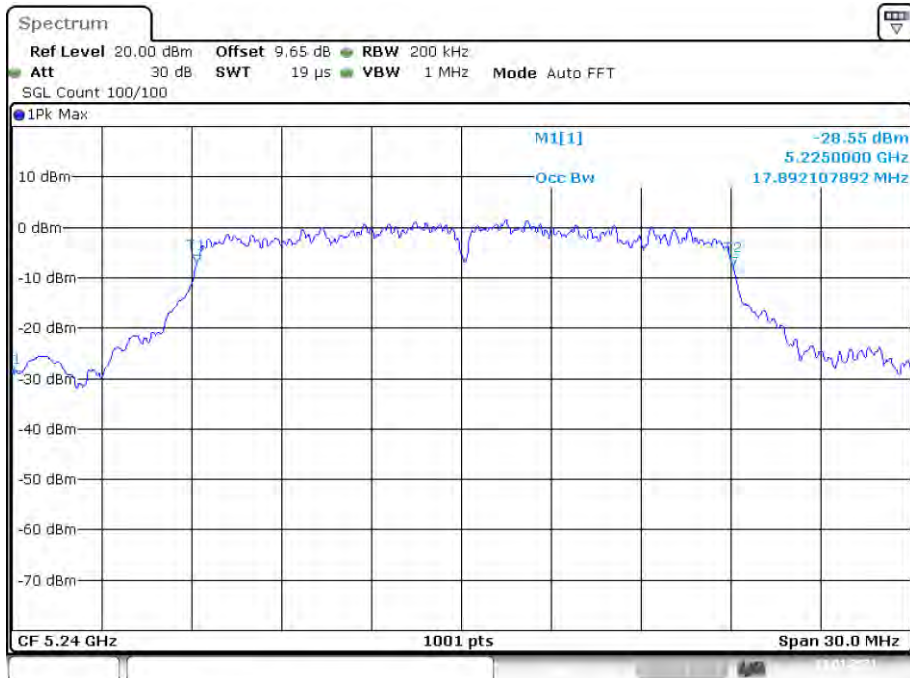
Date: 18.JAN.2021 10:33:39

OBW NVNT n20 5200MHz Ant1



Date: 18.JAN.2021 10:41:01

OBW NVNT n20 5240MHz Ant1



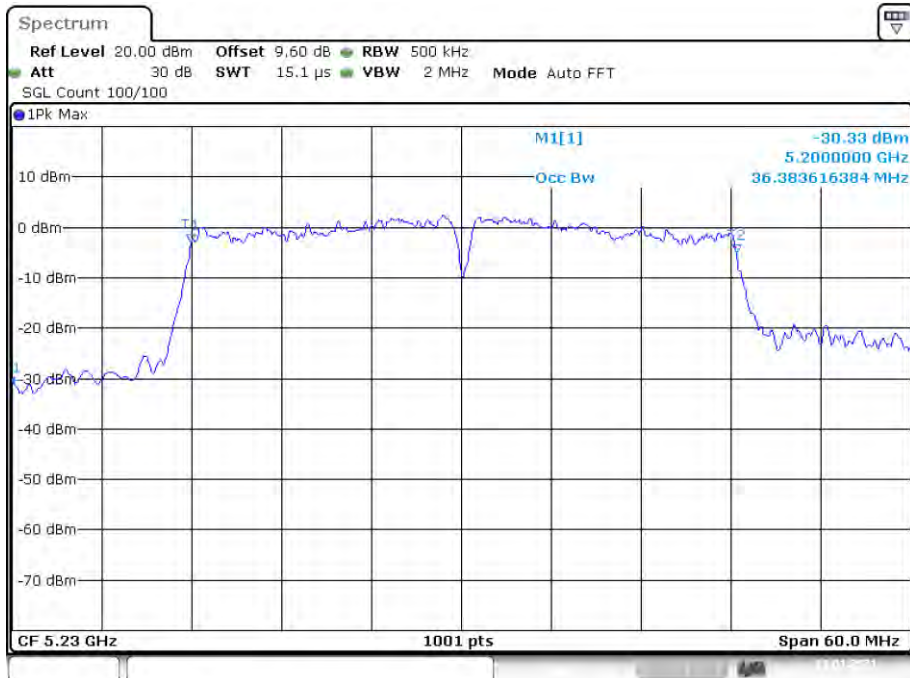
Date: 18.JAN.2021 10:44:16

OBW NVNT n40 5190MHz Ant1



Date: 18.JAN.2021 11:01:56

OBW NVNT n40 5230MHz Ant1



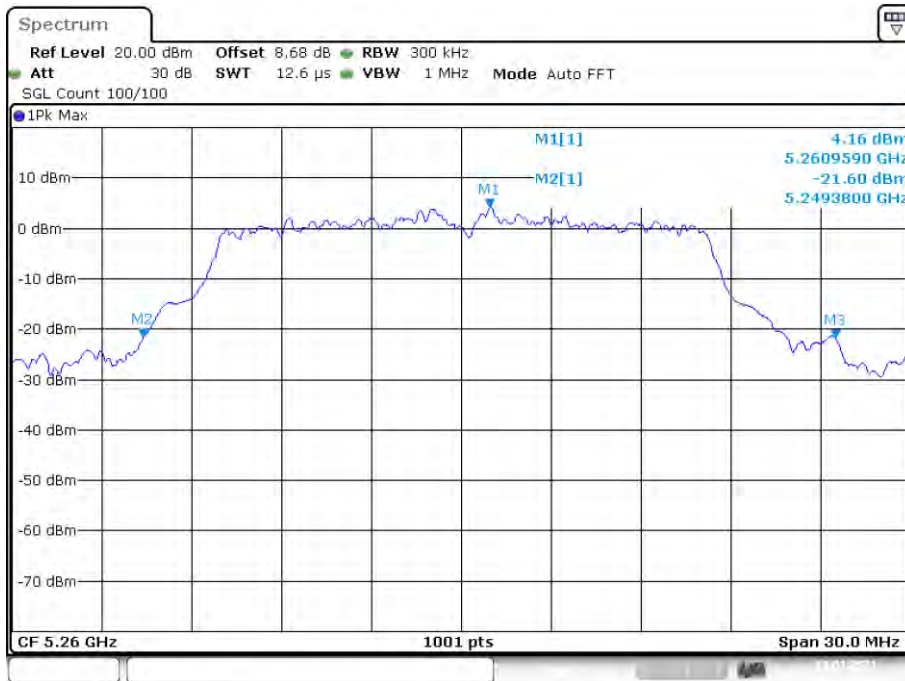
Date: 18.JAN.2021 11:07:36

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	23.1	0.5	Pass
NVNT	a	5280	Ant1	22.92	0.5	Pass
NVNT	a	5320	Ant1	22.98	0.5	Pass
NVNT	ac20	5260	Ant1	21.93	0.5	Pass
NVNT	ac20	5280	Ant1	23.76	0.5	Pass
NVNT	ac20	5320	Ant1	21.42	0.5	Pass
NVNT	ac40	5270	Ant1	48.06	0.5	Pass
NVNT	ac40	5310	Ant1	40.14	0.5	Pass
NVNT	ac80	5290	Ant1	79.56	0.5	Pass
NVNT	n20	5260	Ant1	22.02	0.5	Pass
NVNT	n20	5280	Ant1	22.98	0.5	Pass
NVNT	n20	5320	Ant1	22.29	0.5	Pass
NVNT	n40	5270	Ant1	46.98	0.5	Pass
NVNT	n40	5310	Ant1	49.62	0.5	Pass

-26dB Bandwidth NVNT a 5260MHz Ant1



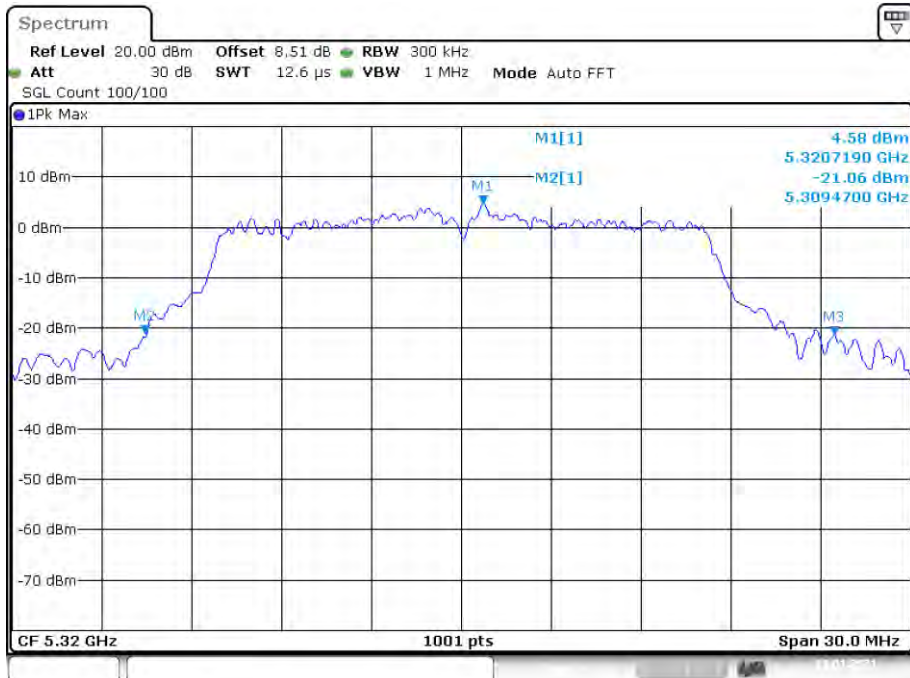
Date: 18.JAN.2021 11:35:40

-26dB Bandwidth NVNT a 5280MHz Ant1



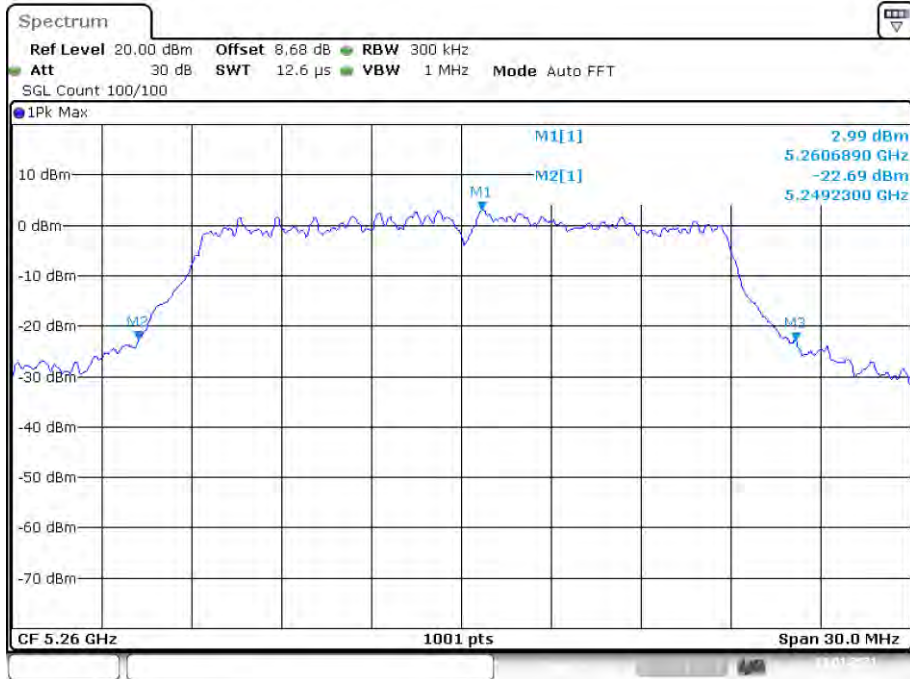
Date: 18.JAN.2021 11:38:20

-26dB Bandwidth NVNT a 5320MHz Ant1



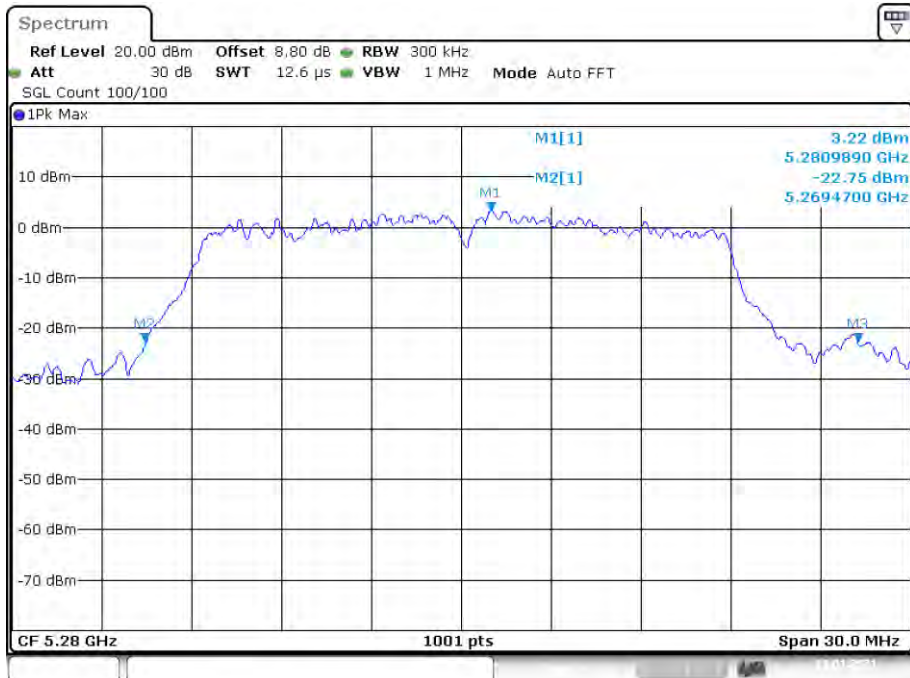
Date: 18.JAN.2021 11:41:15

-26dB Bandwidth NVNT ac20 5260MHz Ant1



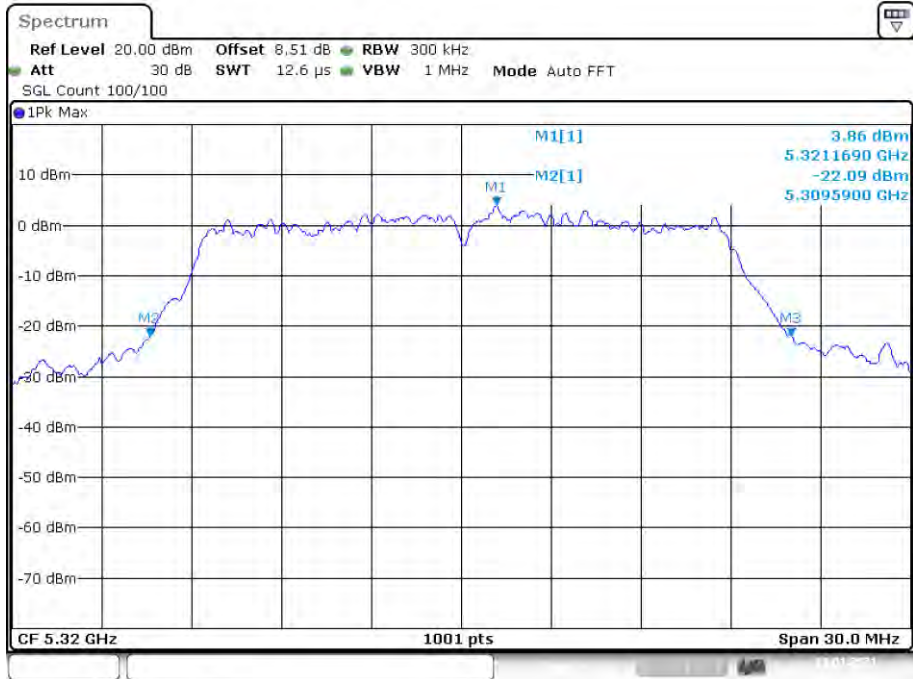
Date: 18.JAN.2021 11:53:42

-26dB Bandwidth NVNT ac20 5280MHz Ant1



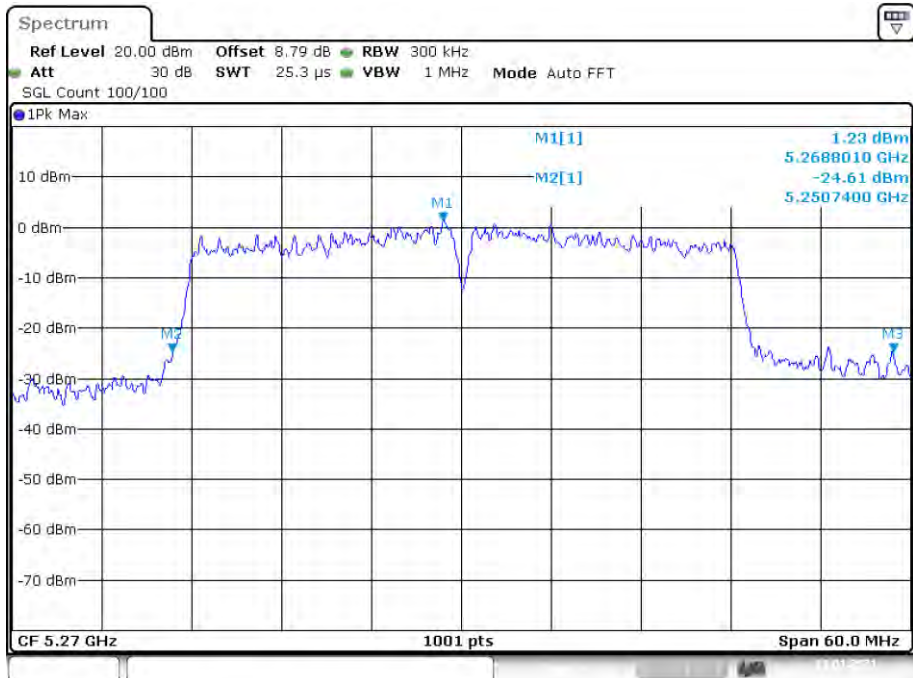
Date: 18.JAN.2021 11:56:48

-26dB Bandwidth NVNT ac20 5320MHz Ant1



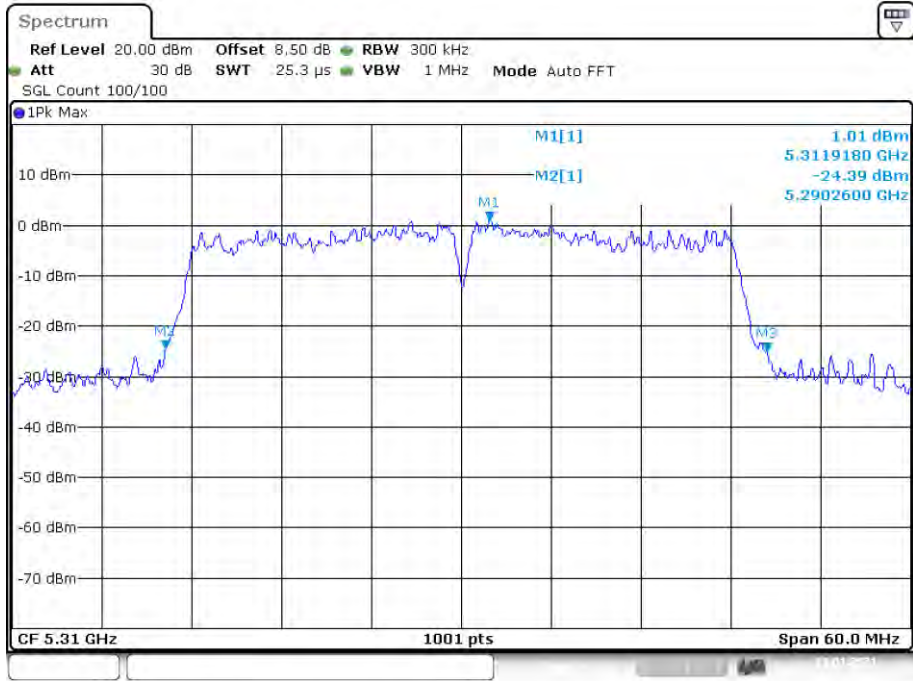
Date: 18.JAN.2021 12:03:26

-26dB Bandwidth NVNT ac40 5270MHz Ant1



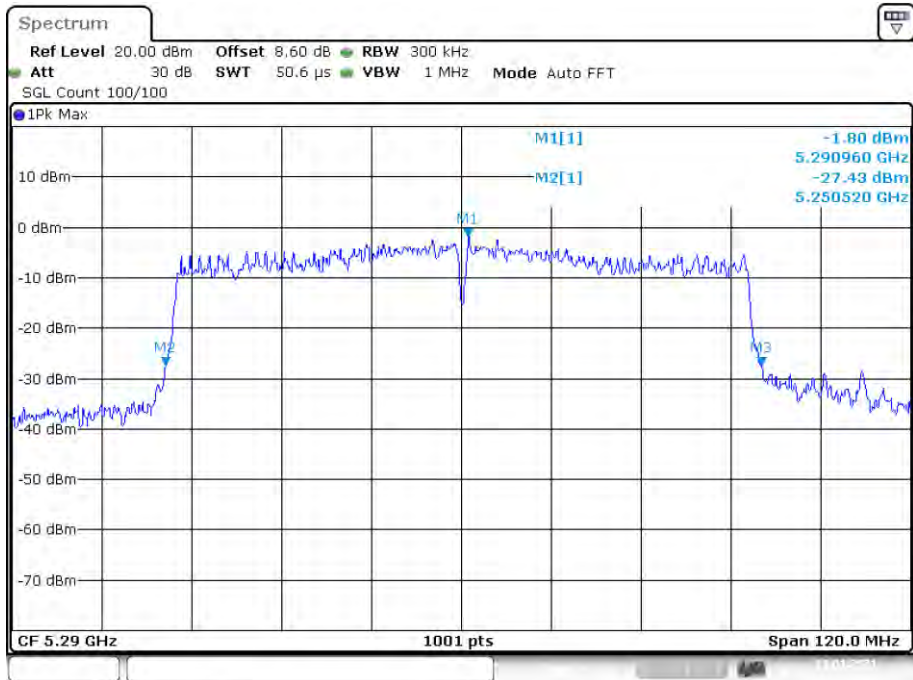
Date: 18.JAN.2021 12:15:07

-26dB Bandwidth NVNT ac40 5310MHz Ant1



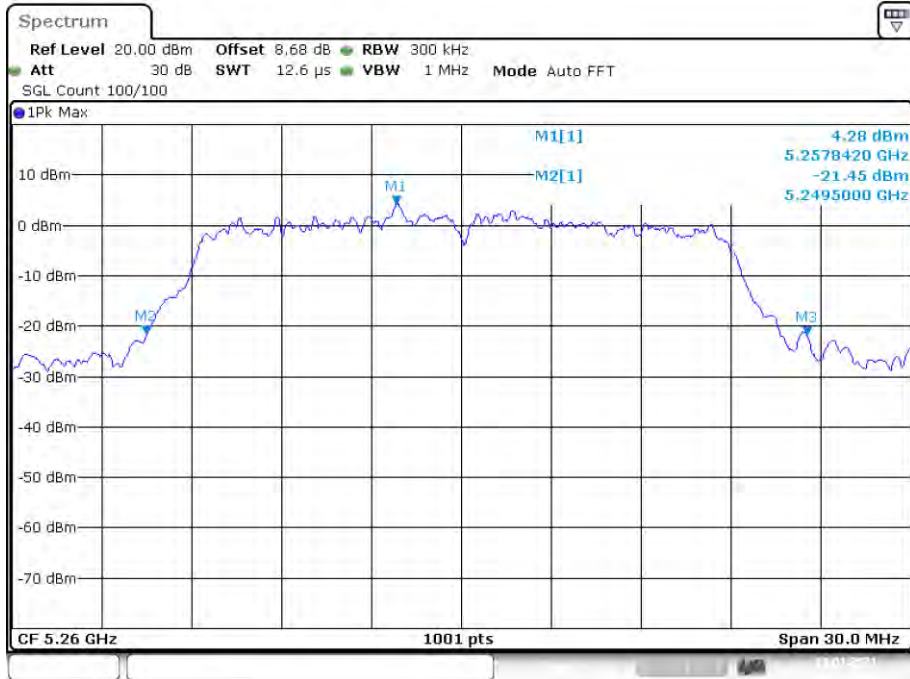
Date: 19.JAN.2021 02:55:34

-26dB Bandwidth NVNT ac80 5290MHz Ant1



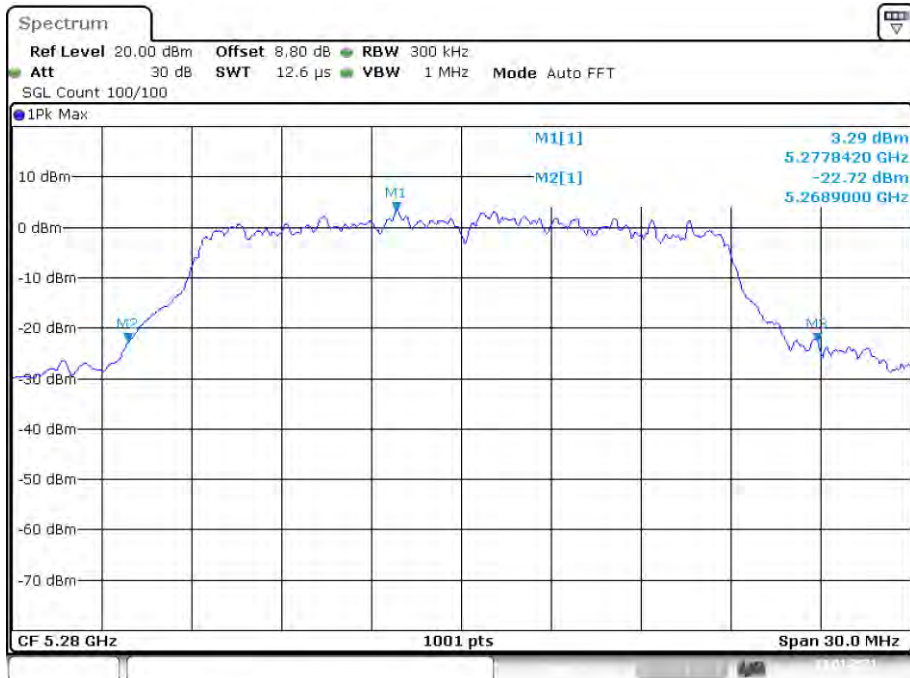
Date: 19.JAN.2021 02:58:38

-26dB Bandwidth NVNT n20 5260MHz Ant1



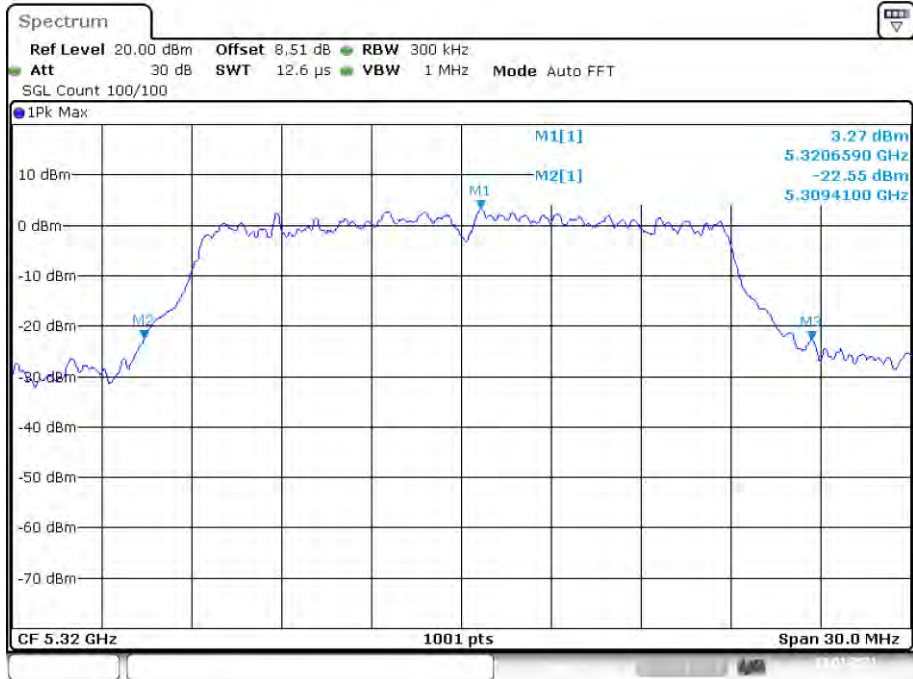
Date: 18.JAN.2021 11:44:27

-26dB Bandwidth NVNT n20 5280MHz Ant1



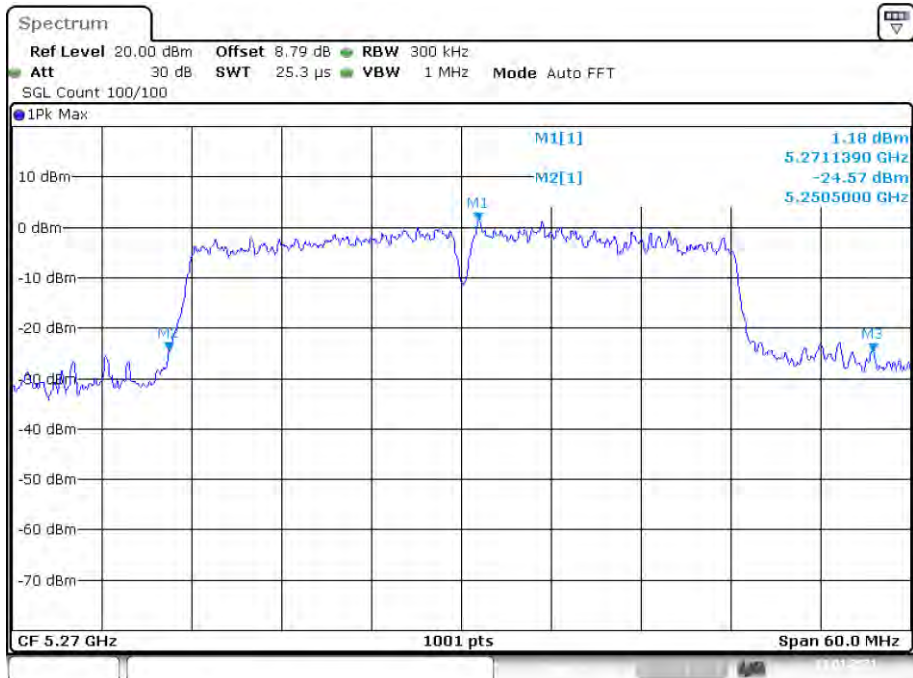
Date: 18.JAN.2021 11:48:00

-26dB Bandwidth NVNT n20 5320MHz Ant1



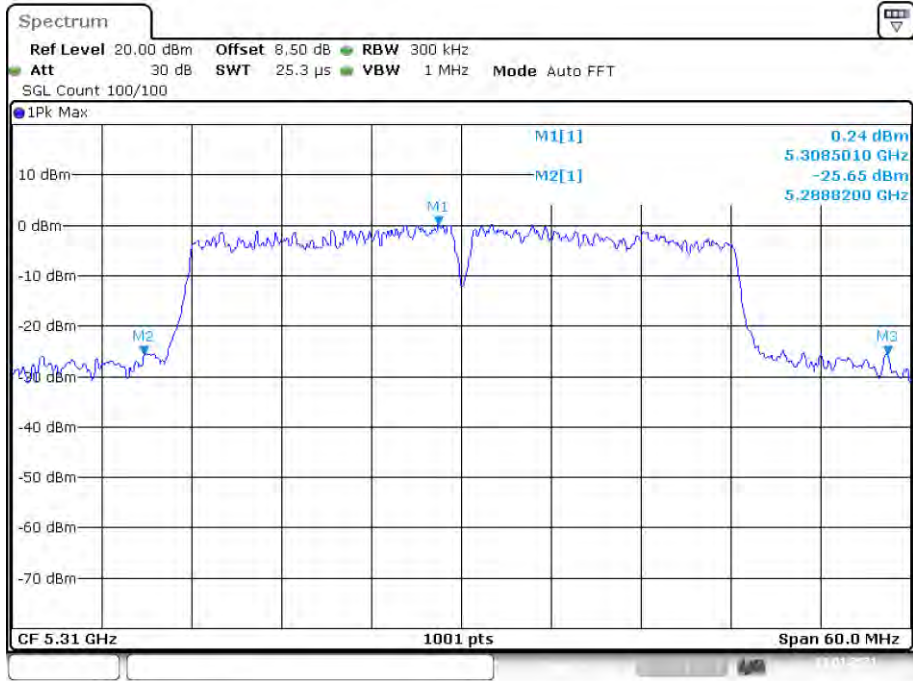
Date: 18.JAN.2021 11:50:36

-26dB Bandwidth NVNT n40 5270MHz Ant1



Date: 18.JAN.2021 12:07:39

-26dB Bandwidth NVNT n40 5310MHz Ant1

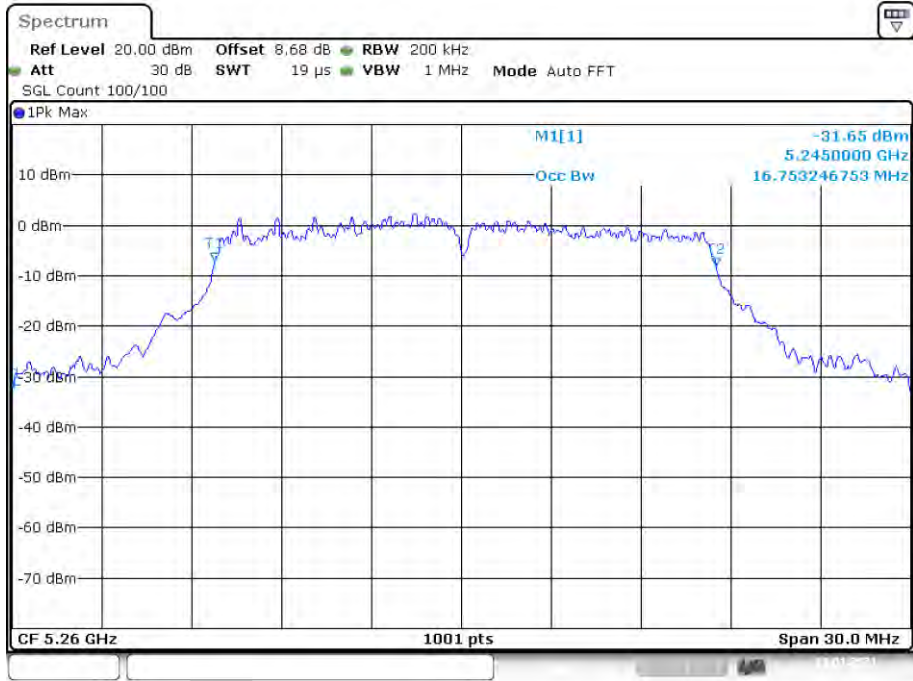


Date: 18.JAN.2021 12:11:04

Occupied Channel Bandwidth

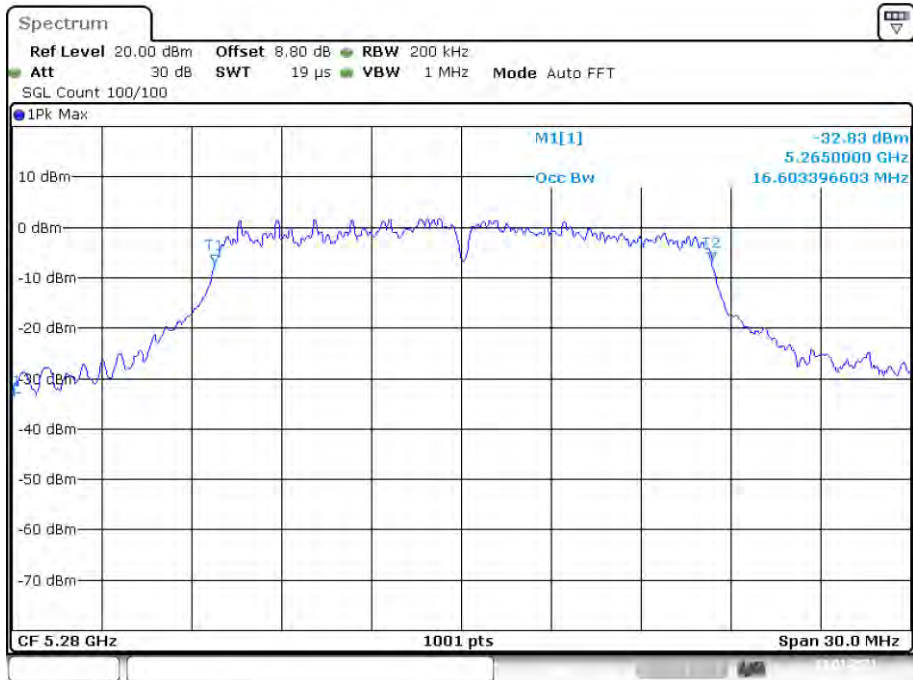
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.753
NVNT	a	5280	Ant1	16.603
NVNT	a	5320	Ant1	16.723
NVNT	ac20	5260	Ant1	17.742
NVNT	ac20	5280	Ant1	17.862
NVNT	ac20	5320	Ant1	17.922
NVNT	ac40	5270	Ant1	36.264
NVNT	ac40	5310	Ant1	36.444
NVNT	ac80	5290	Ant1	75.524
NVNT	n20	5260	Ant1	17.802
NVNT	n20	5280	Ant1	17.832
NVNT	n20	5320	Ant1	17.862
NVNT	n40	5270	Ant1	36.204
NVNT	n40	5310	Ant1	36.384

OBW NVNT a 5260MHz Ant1



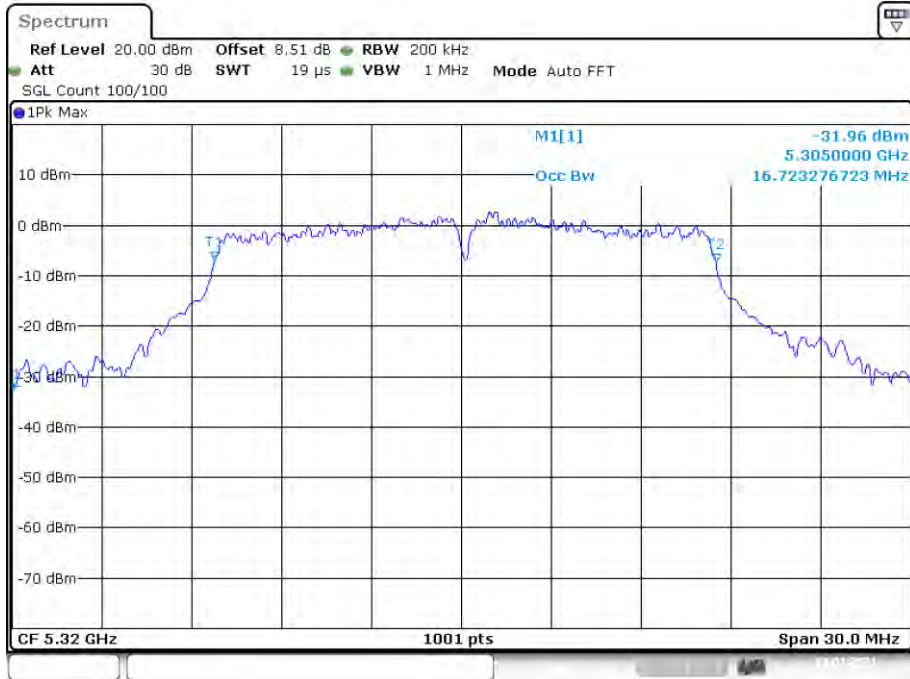
Date: 18.JAN.2021 11:35:32

OBW NVNT a 5280MHz Ant1



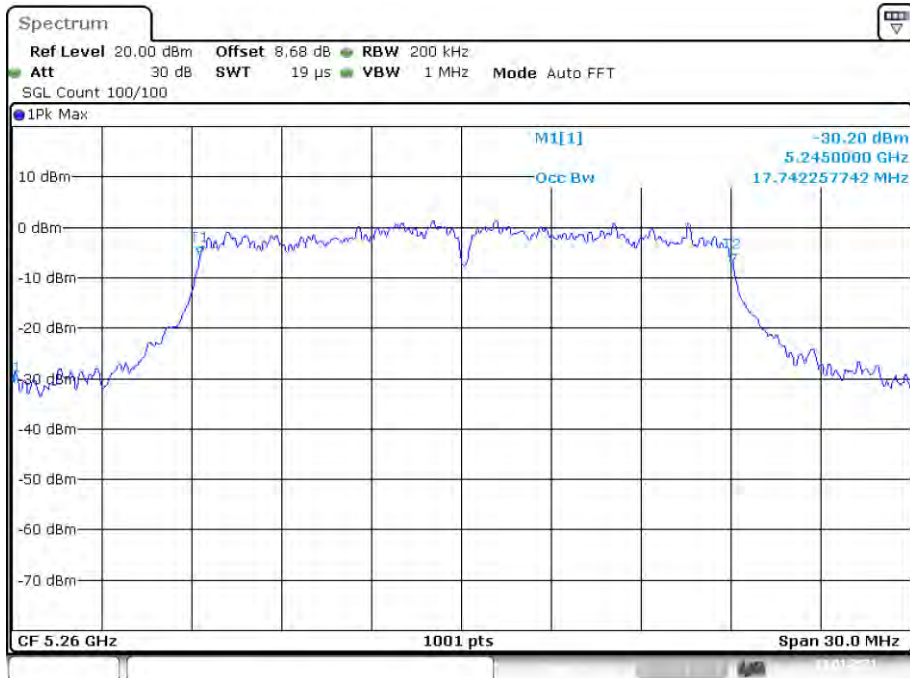
Date: 18.JAN.2021 11:38:11

OBW NVNT a 5320MHz Ant1



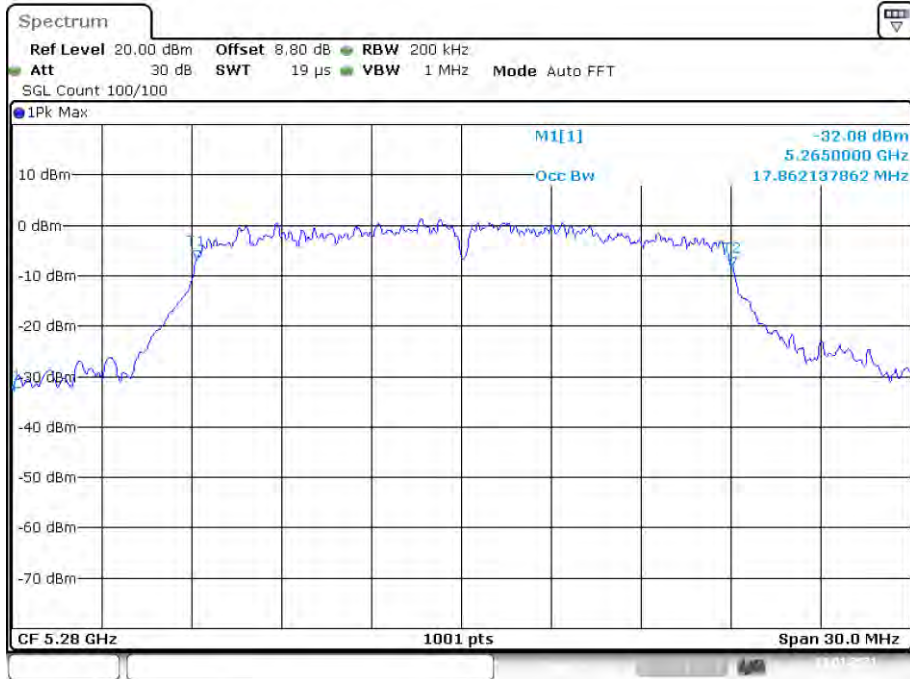
Date: 18.JAN.2021 11:41:06

OBW NVNT ac20 5260MHz Ant1



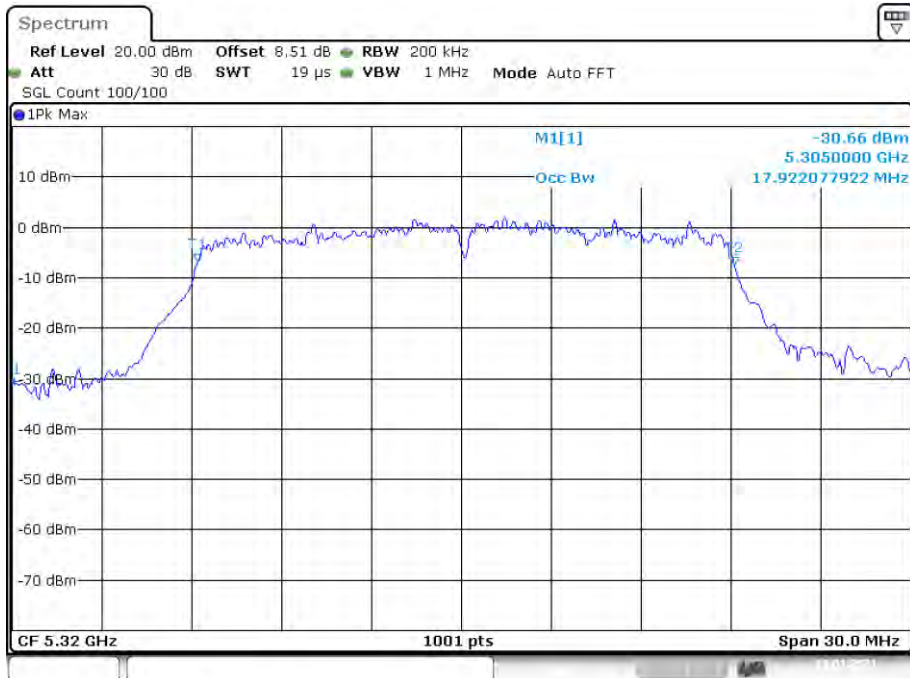
Date: 18.JAN.2021 11:53:30

OBW NVNT ac20 5280MHz Ant1



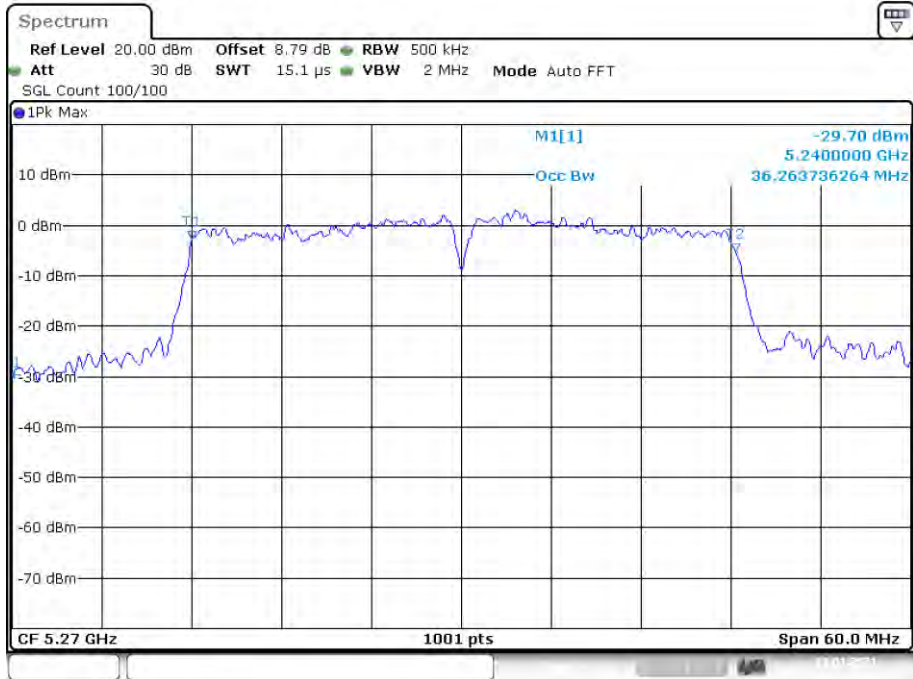
Date: 18.JAN.2021 11:56:35

OBW NVNT ac20 5320MHz Ant1



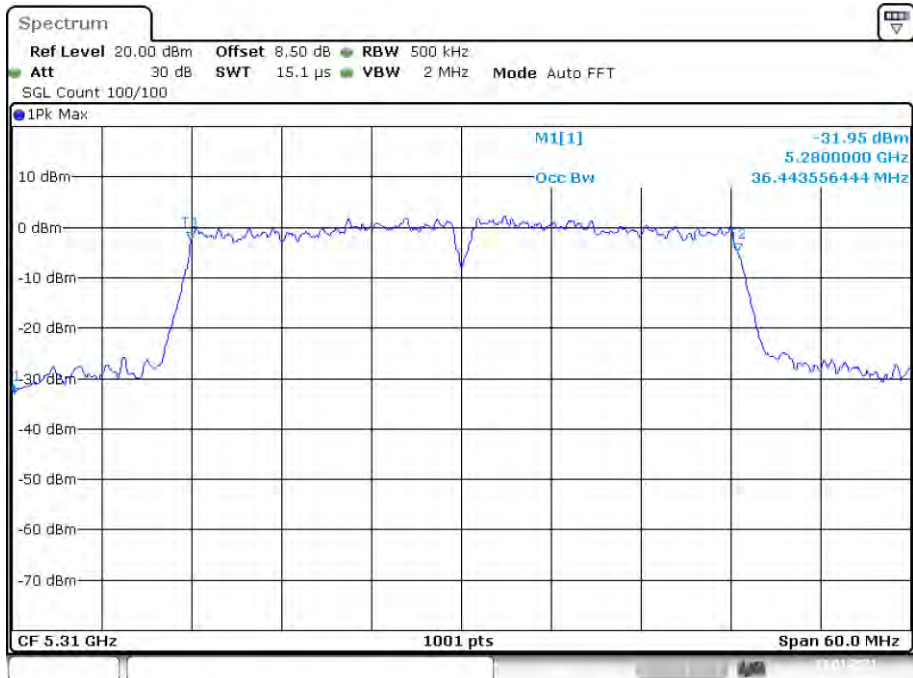
Date: 18.JAN.2021 12:03:11

OBW NVNT ac40 5270MHz Ant1



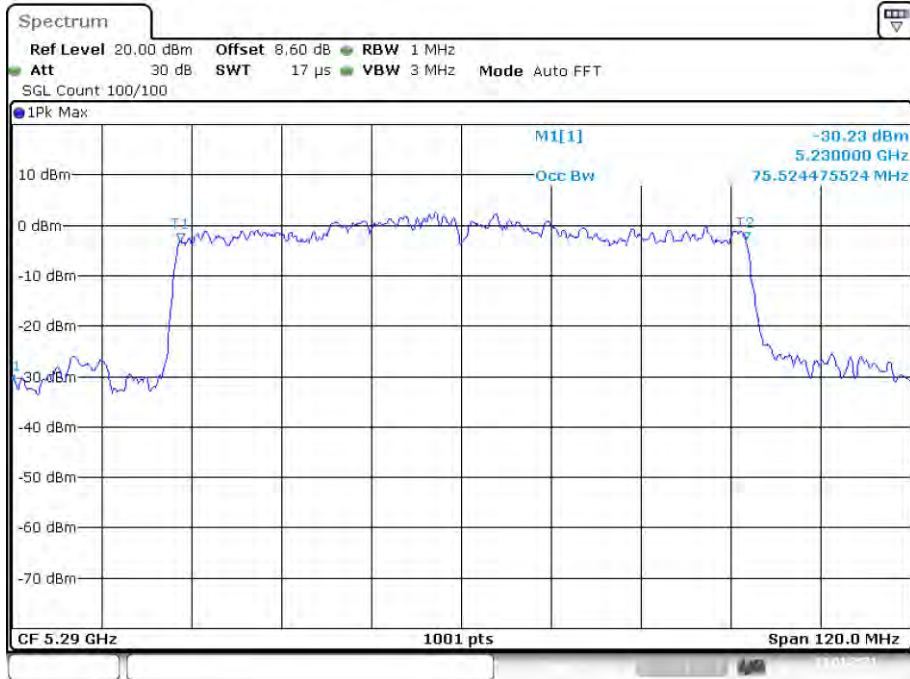
Date: 18.JAN.2021 12:14:49

OBW NVNT ac40 5310MHz Ant1



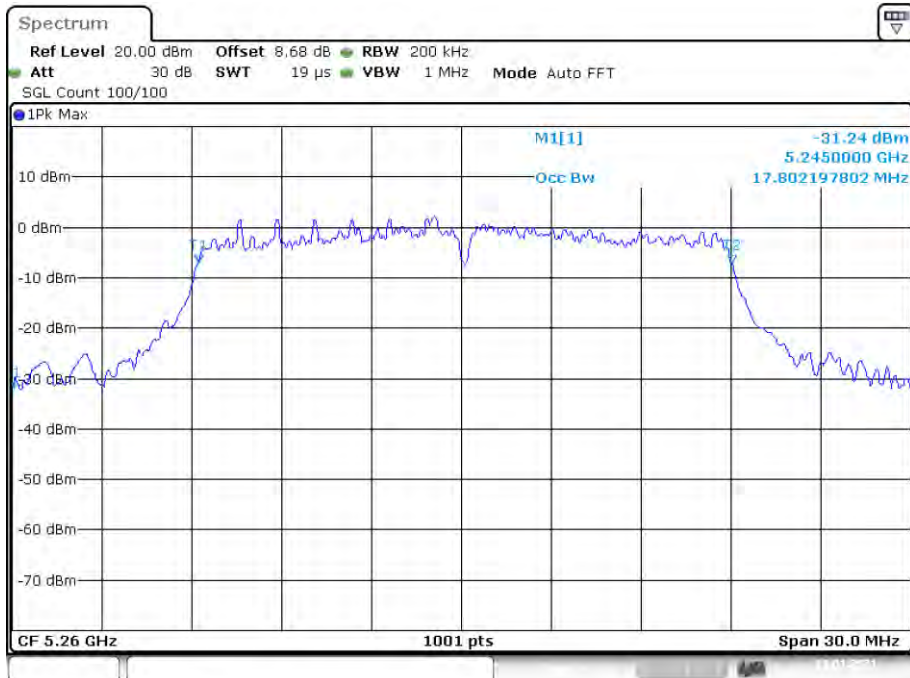
Date: 19.JAN.2021 02:55:25

OBW NVNT ac80 5290MHz Ant1



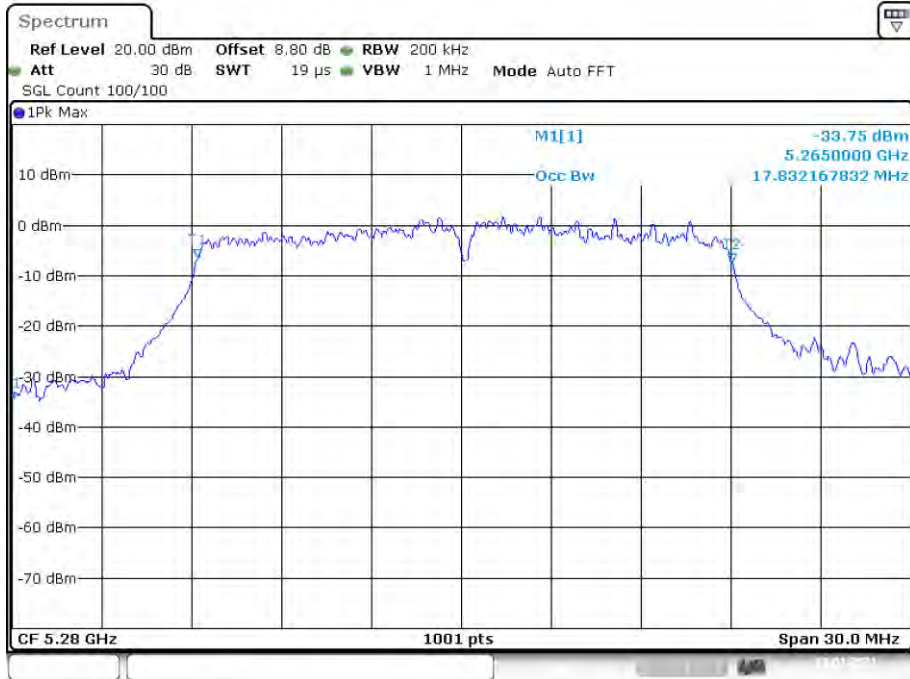
Date: 19.JAN.2021 02:58:26

OBW NVNT n20 5260MHz Ant1



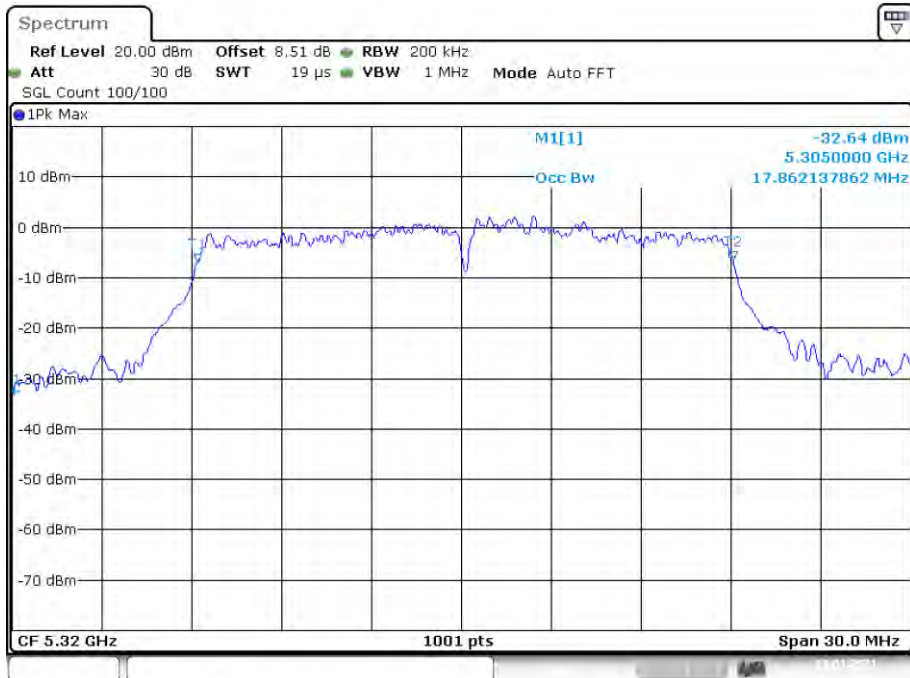
Date: 18.JAN.2021 11:44:17

OBW NVNT n20 5280MHz Ant1



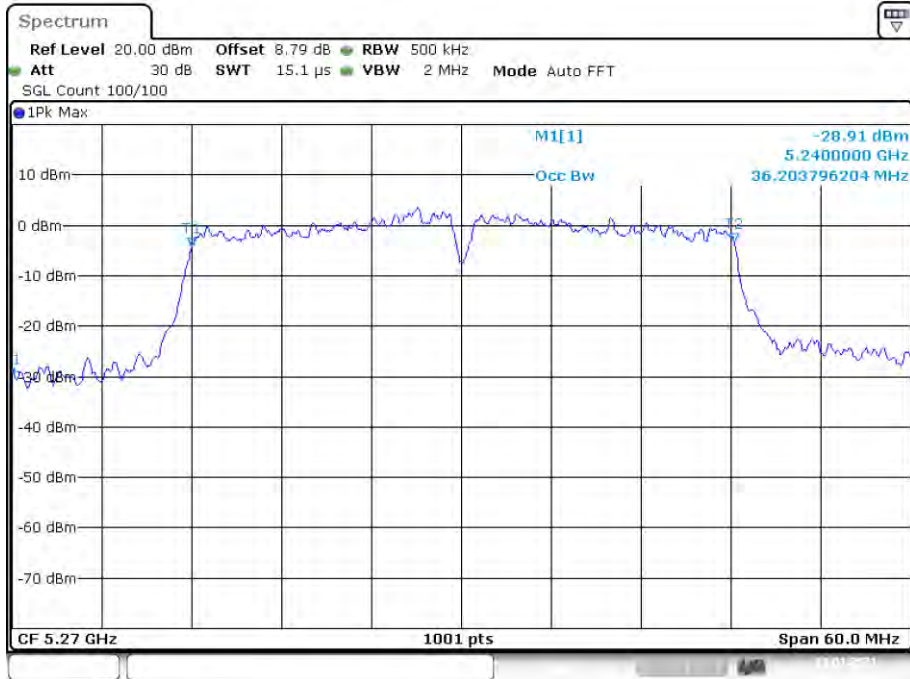
Date: 18.JAN.2021 11:47:49

OBW NVNT n20 5320MHz Ant1



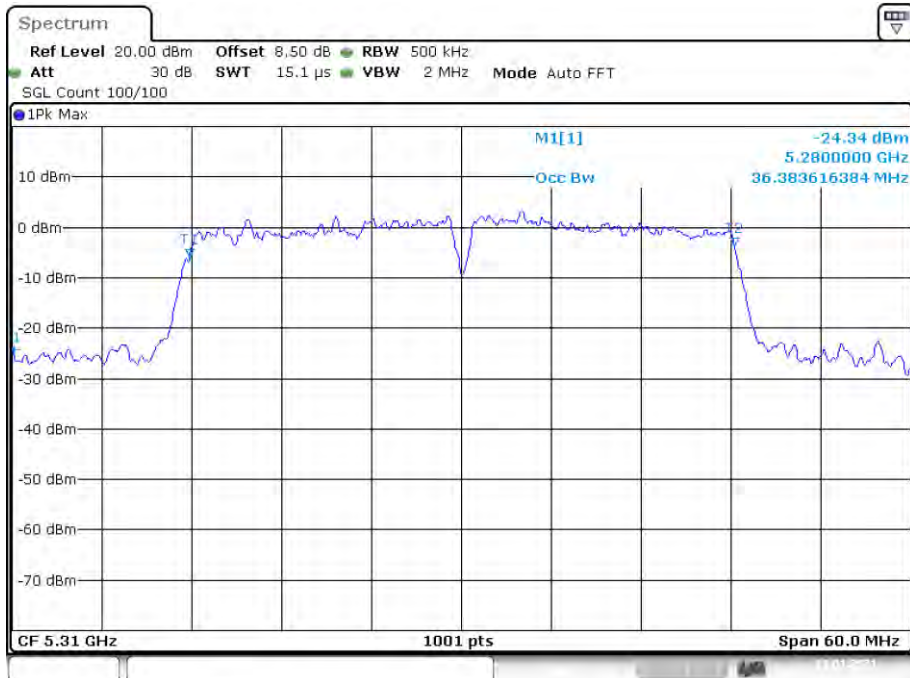
Date: 18.JAN.2021 11:50:25

OBW NVNT n40 5270MHz Ant1



Date: 18.JAN.2021 12:07:23

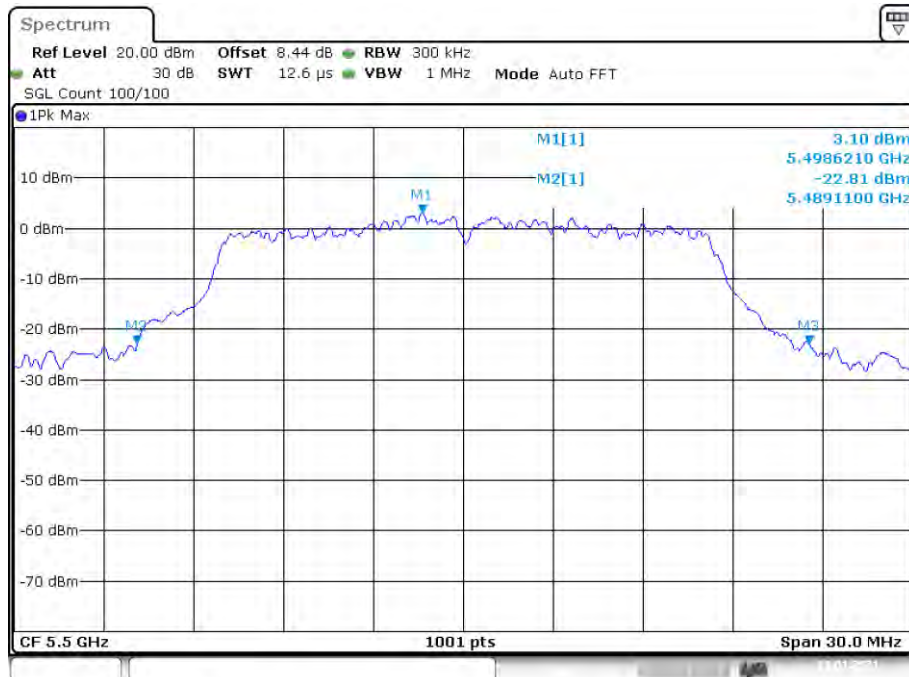
OBW NVNT n40 5310MHz Ant1



Date: 18.JAN.2021 12:10:48

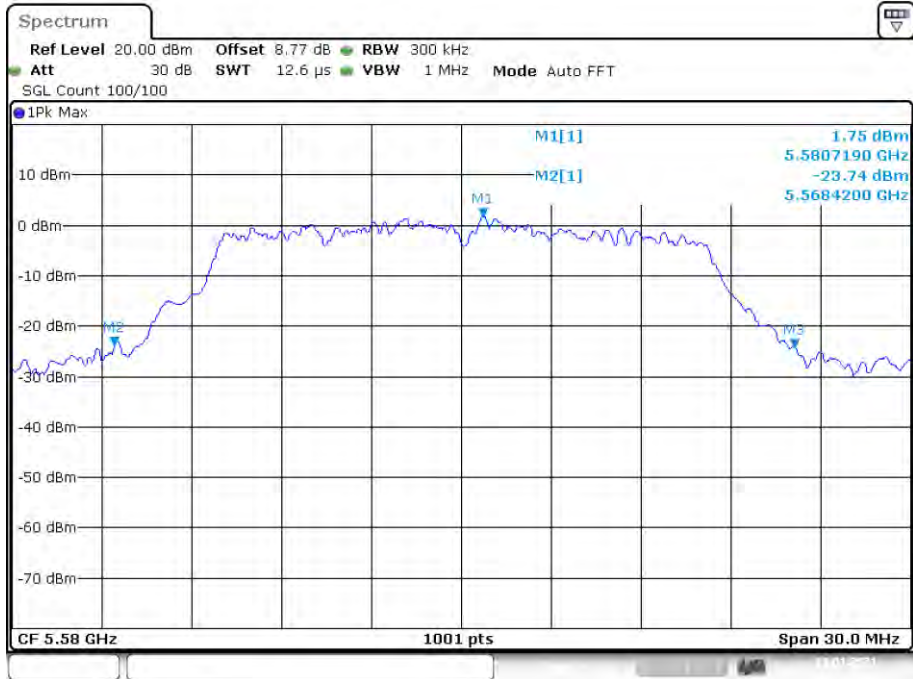
Band 3 (5470-5725 MHz):**-26dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	22.41	0.5	Pass
NVNT	a	5580	Ant1	22.71	0.5	Pass
NVNT	a	5700	Ant1	27.66	0.5	Pass
NVNT	ac20	5500	Ant1	28.62	0.5	Pass
NVNT	ac20	5580	Ant1	29.58	0.5	Pass
NVNT	ac20	5700	Ant1	27.75	0.5	Pass
NVNT	ac40	5510	Ant1	57.42	0.5	Pass
NVNT	ac40	5670	Ant1	60	0.5	Pass
NVNT	ac80	5530	Ant1	101.88	0.5	Pass
NVNT	n20	5500	Ant1	23.91	0.5	Pass
NVNT	n20	5580	Ant1	28.83	0.5	Pass
NVNT	n20	5700	Ant1	29.79	0.5	Pass
NVNT	n40	5510	Ant1	54.24	0.5	Pass
NVNT	n40	5670	Ant1	55.86	0.5	Pass

-26dB Bandwidth NVNT a 5500MHz Ant1

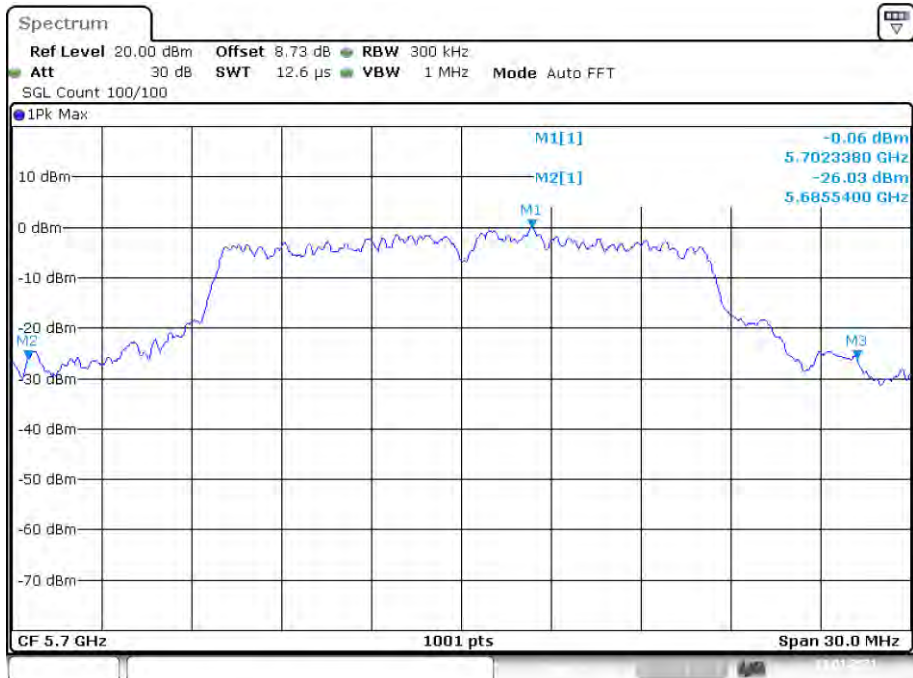
Date: 19.JAN.2021 03:02:38

-26dB Bandwidth NVNT a 5580MHz Ant1



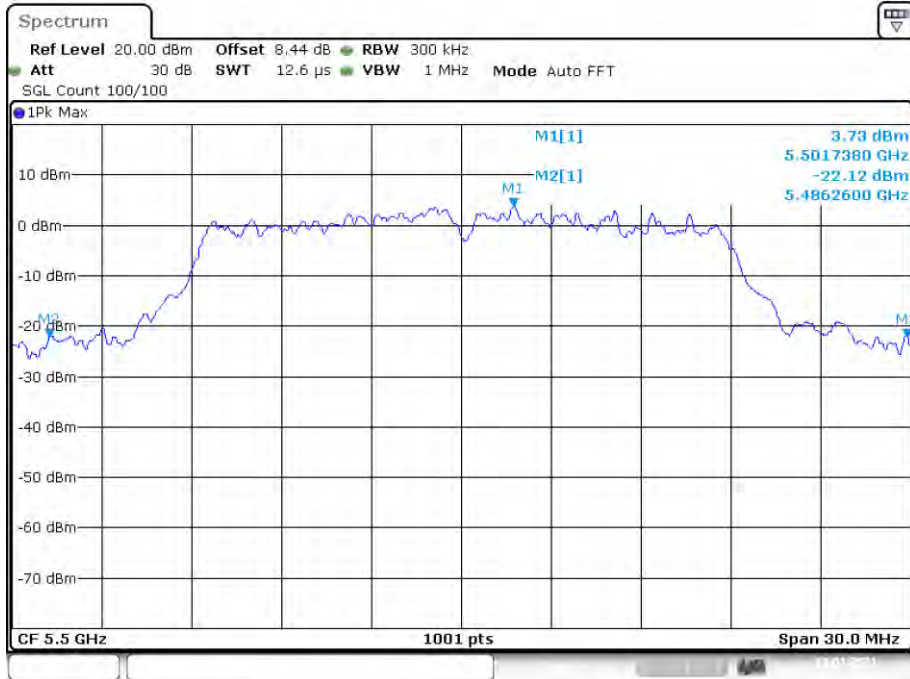
Date: 19.JAN.2021 03:05:37

-26dB Bandwidth NVNT a 5700MHz Ant1



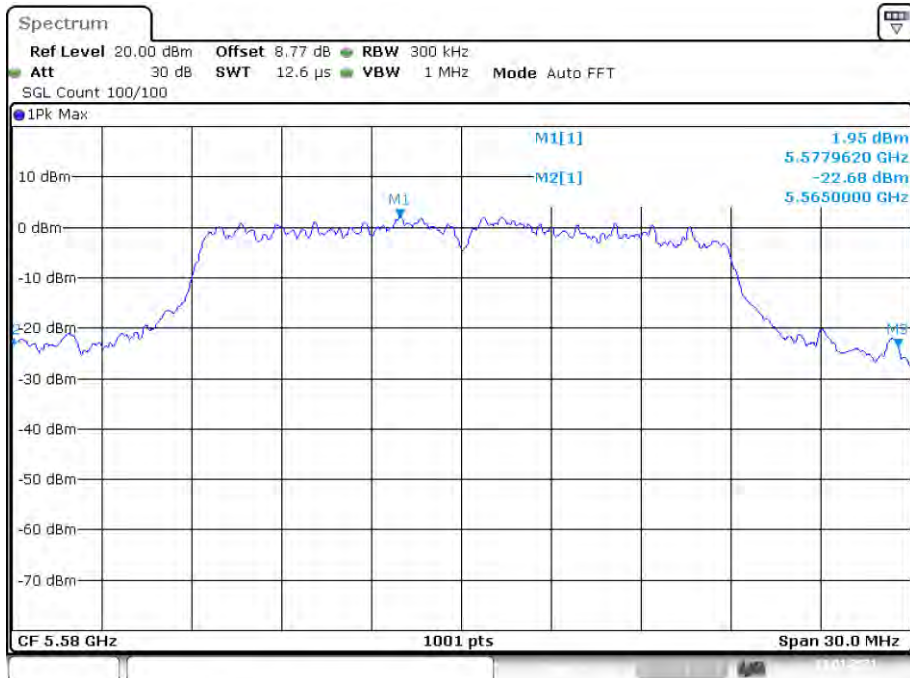
Date: 19.JAN.2021 03:12:32

-26dB Bandwidth NVNT ac20 5500MHz Ant1



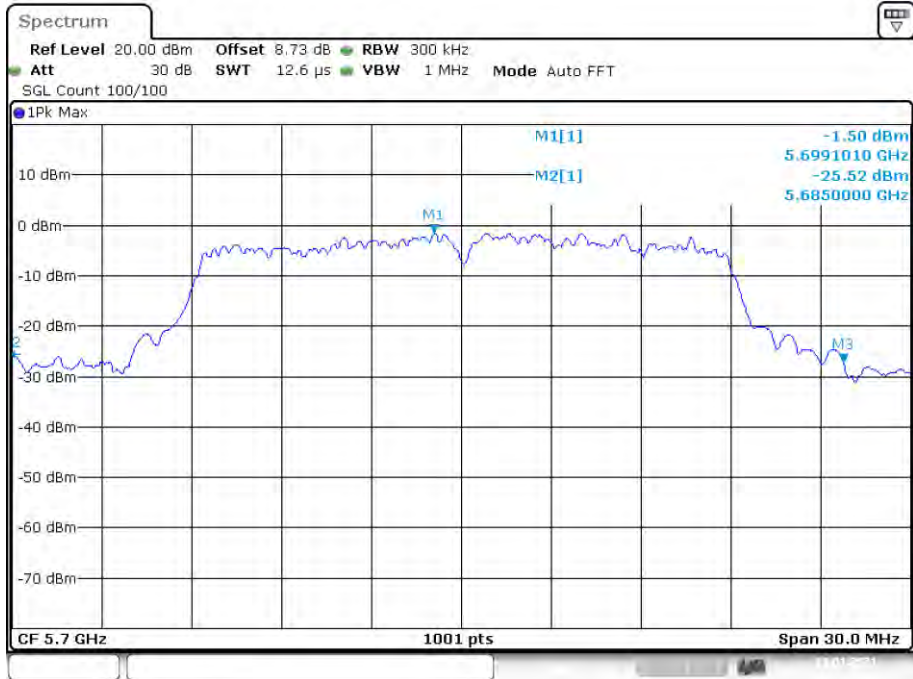
Date: 19.JAN.2021 03:24:21

-26dB Bandwidth NVNT ac20 5580MHz Ant1



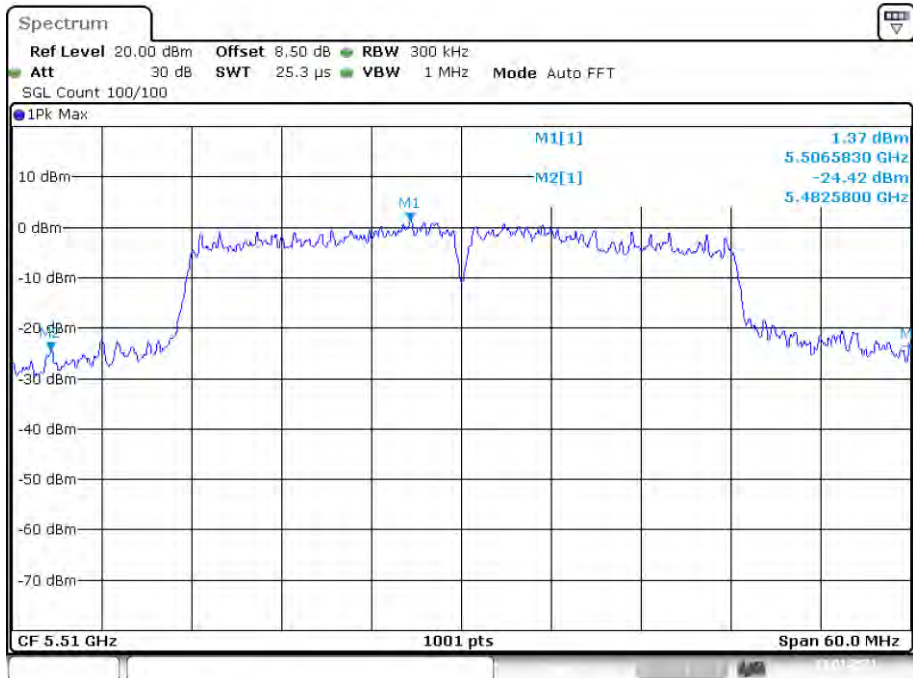
Date: 19.JAN.2021 03:29:01

-26dB Bandwidth NVNT ac20 5700MHz Ant1



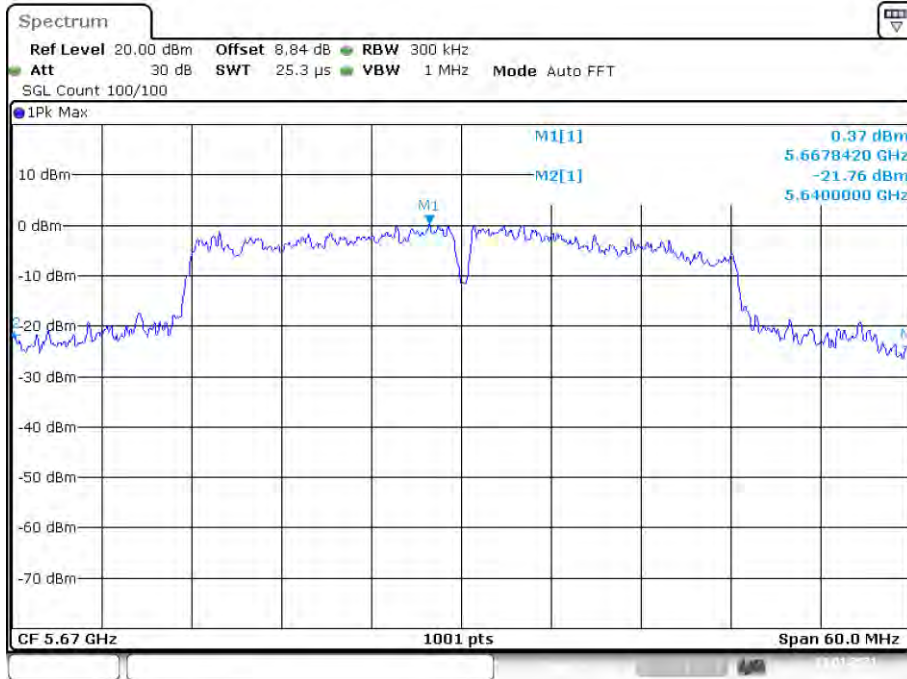
Date: 19.JAN.2021 03:32:40

-26dB Bandwidth NVNT ac40 5510MHz Ant1



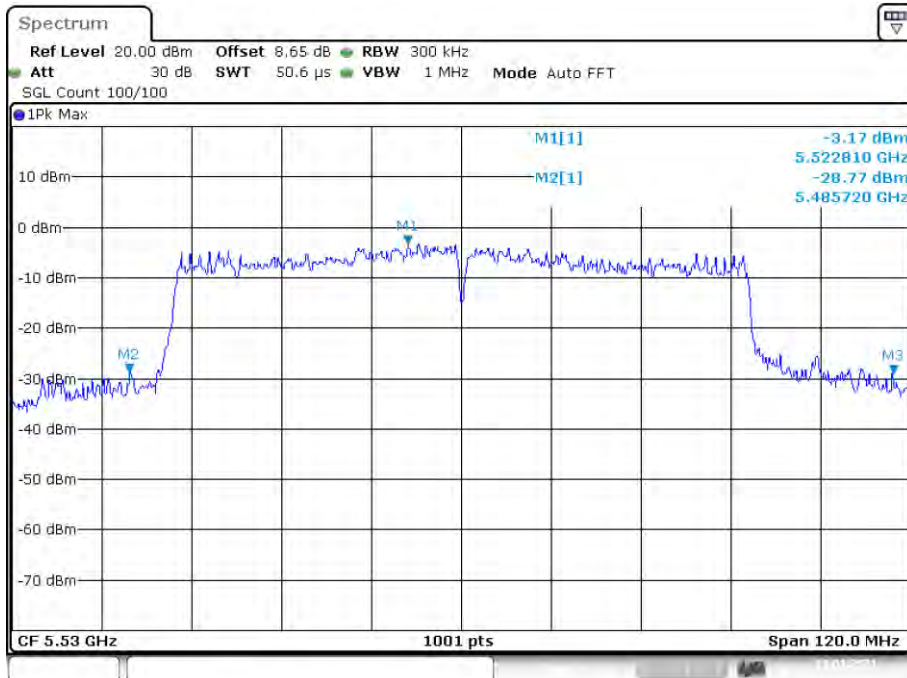
Date: 19.JAN.2021 03:45:57

-26dB Bandwidth NVNT ac40 5670MHz Ant1



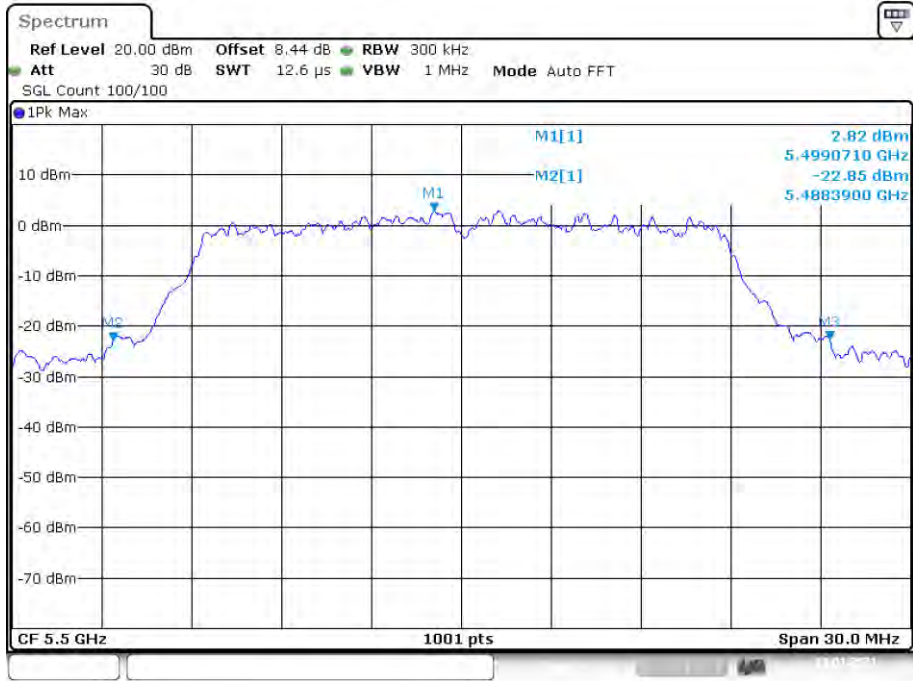
Date: 19.JAN.2021 03:53:16

-26dB Bandwidth NVNT ac80 5530MHz Ant1



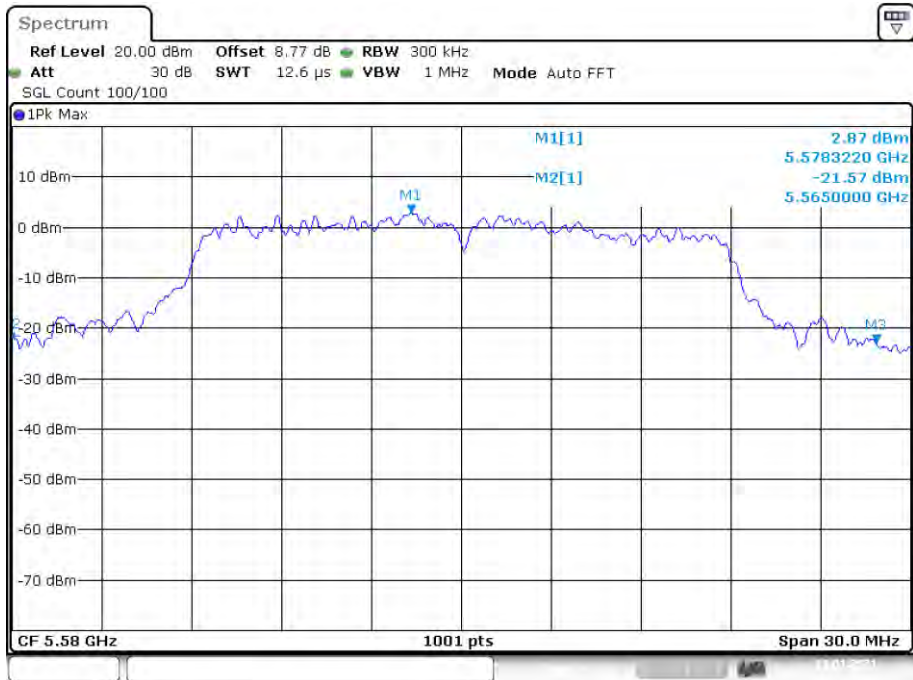
Date: 19.JAN.2021 03:58:40

-26dB Bandwidth NVNT n20 5500MHz Ant1



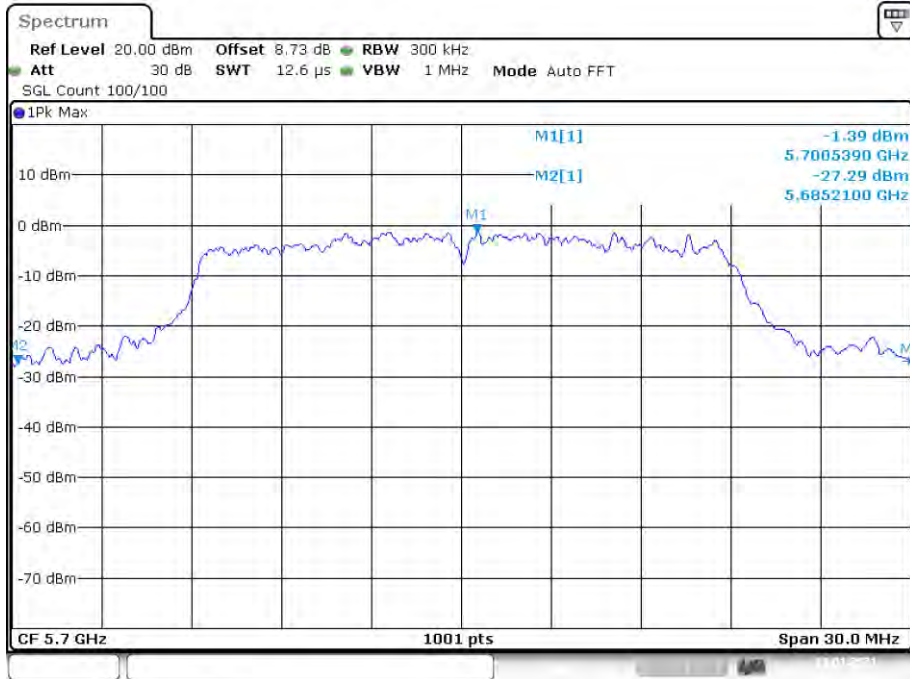
Date: 19.JAN.2021 03:13:59

-26dB Bandwidth NVNT n20 5580MHz Ant1



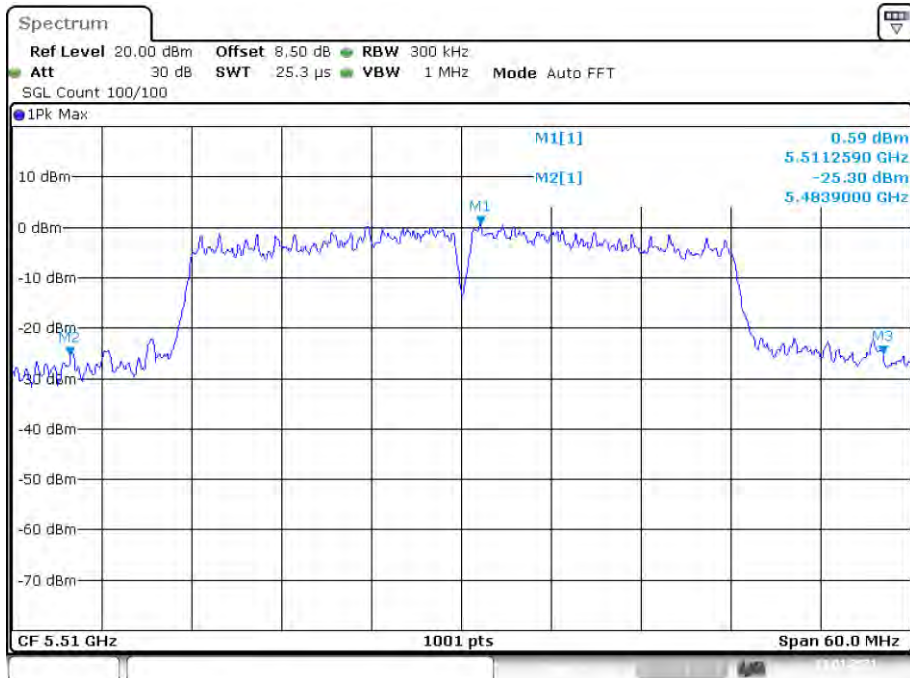
Date: 19.JAN.2021 03:17:10

-26dB Bandwidth NVNT n20 5700MHz Ant1



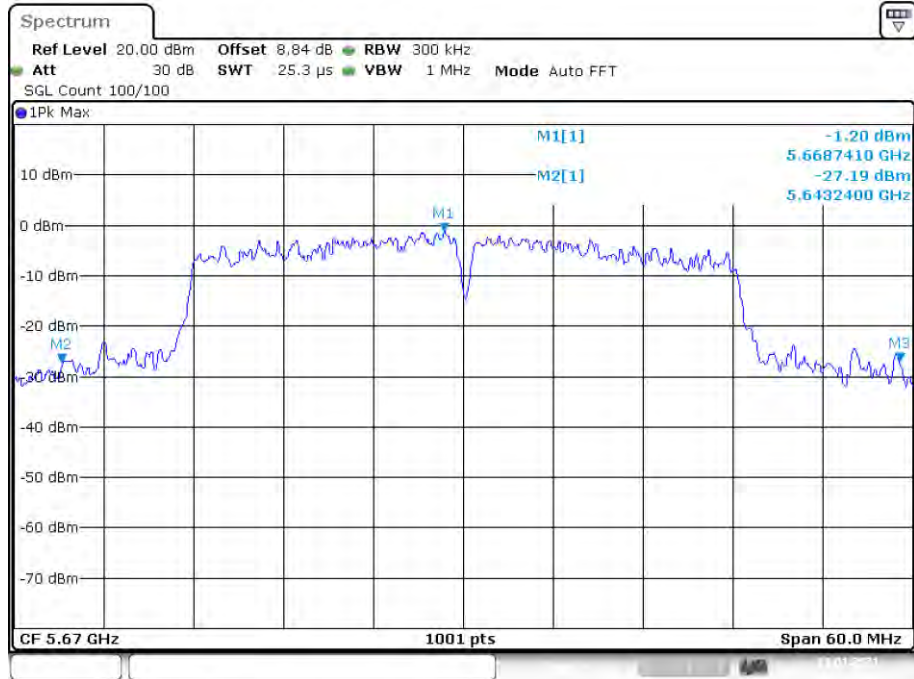
Date: 19.JAN.2021 03:20:45

-26dB Bandwidth NVNT n40 5510MHz Ant1



Date: 19.JAN.2021 03:36:53

-26dB Bandwidth NVNT n40 5670MHz Ant1



Date: 19.JAN.2021 03:42:13

Occupied Channel Bandwidth

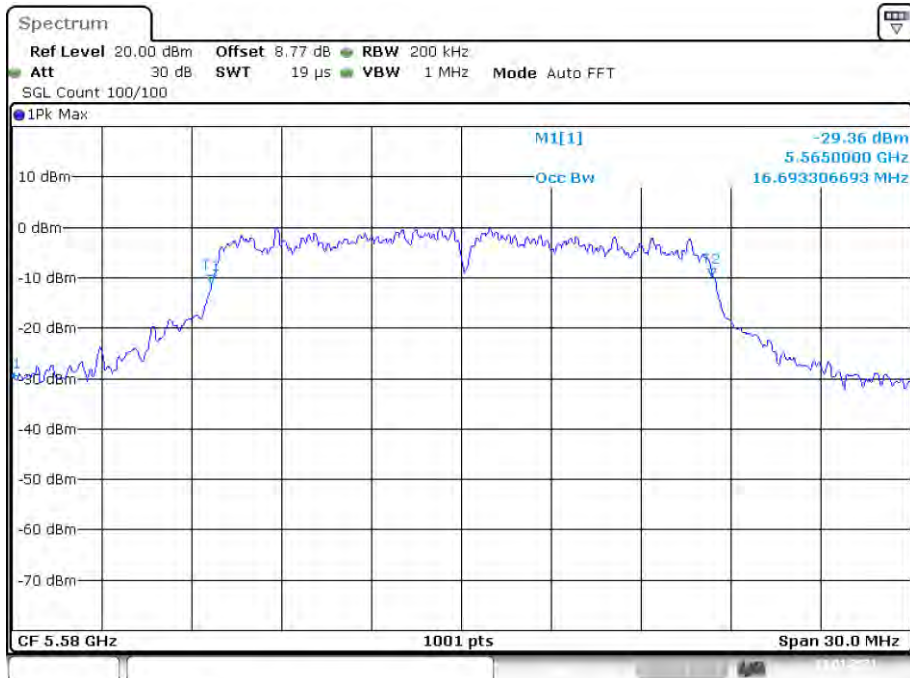
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.783
NVNT	a	5580	Ant1	16.693
NVNT	a	5700	Ant1	16.903
NVNT	ac20	5500	Ant1	17.982
NVNT	ac20	5580	Ant1	18.102
NVNT	ac20	5700	Ant1	17.832
NVNT	ac40	5510	Ant1	36.503
NVNT	ac40	5670	Ant1	37.103
NVNT	ac80	5530	Ant1	75.764
NVNT	n20	5500	Ant1	17.832
NVNT	n20	5580	Ant1	18.282
NVNT	n20	5700	Ant1	17.982
NVNT	n40	5510	Ant1	36.384
NVNT	n40	5670	Ant1	36.264

OBW NVNT a 5500MHz Ant1



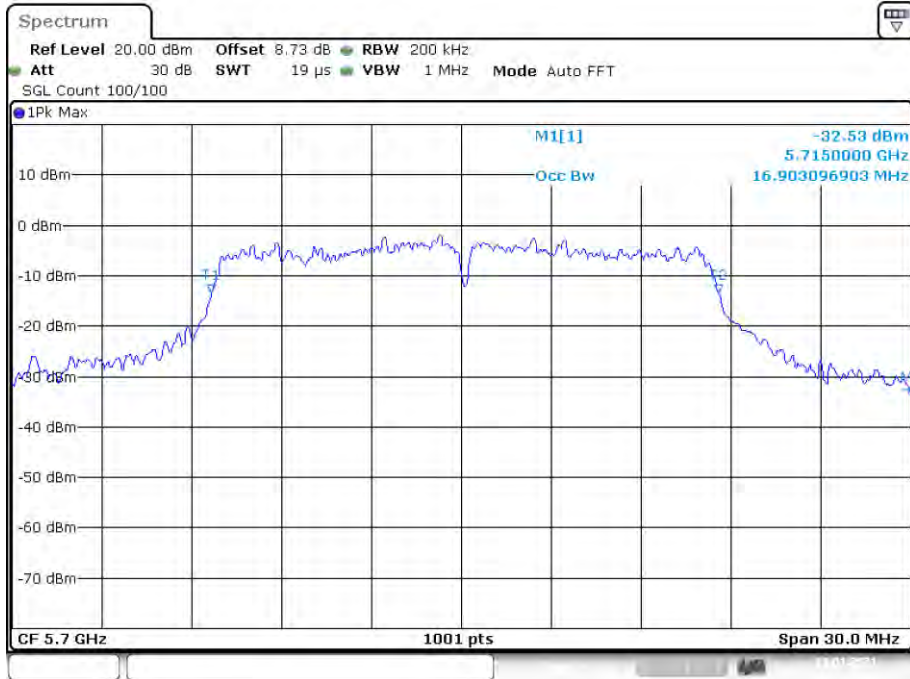
Date: 19.JAN.2021 03:02:30

OBW NVNT a 5580MHz Ant1



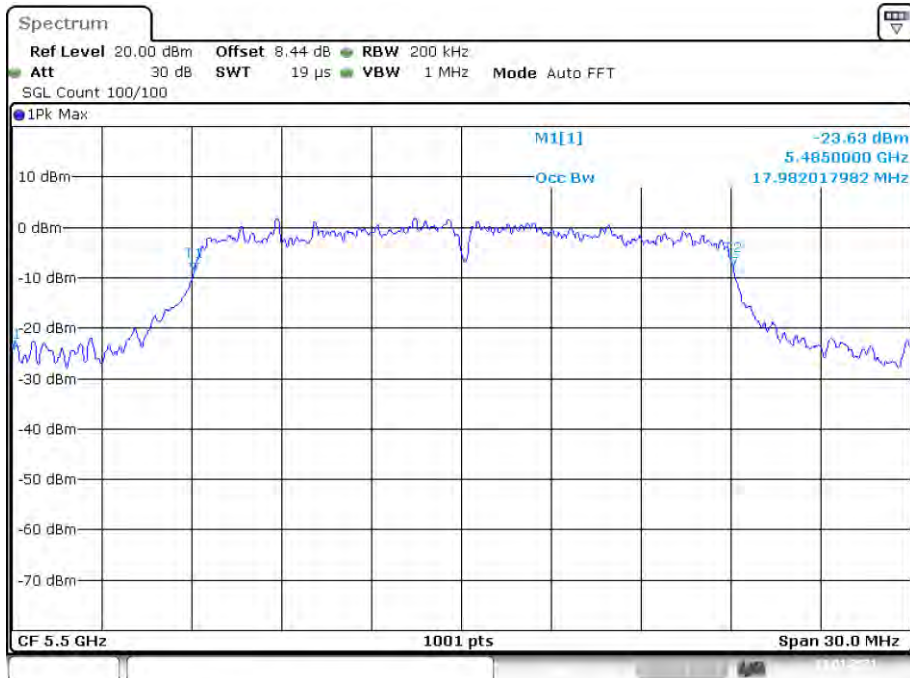
Date: 19.JAN.2021 03:05:28

OBW NVNT a 5700MHz Ant1



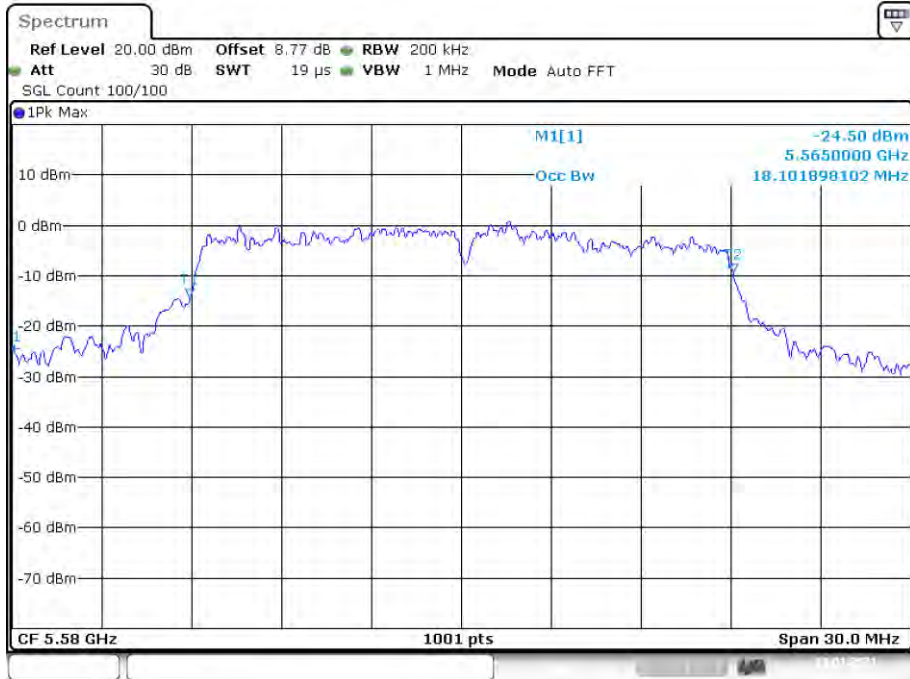
Date: 19.JAN.2021 03:12:01

OBW NVNT ac20 5500MHz Ant1



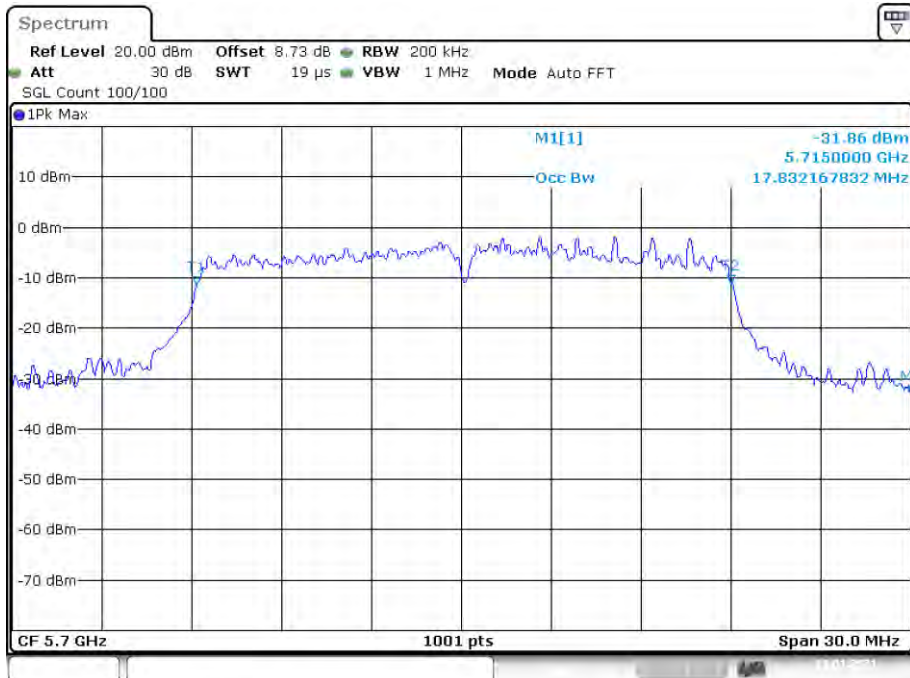
Date: 19.JAN.2021 03:24:04

OBW NVNT ac20 5580MHz Ant1



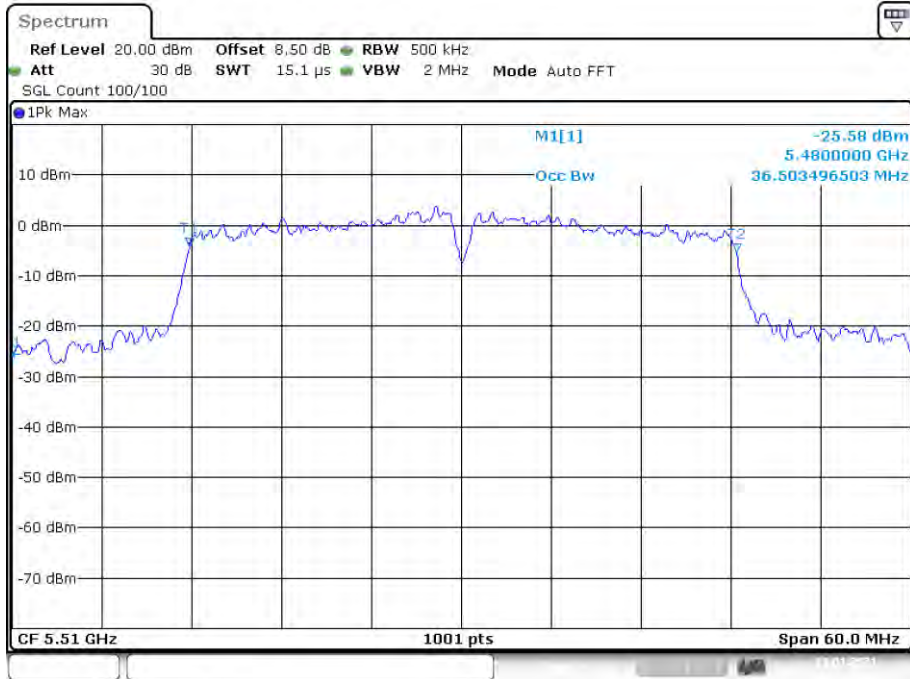
Date: 19.JAN.2021 03:28:40

OBW NVNT ac20 5700MHz Ant1



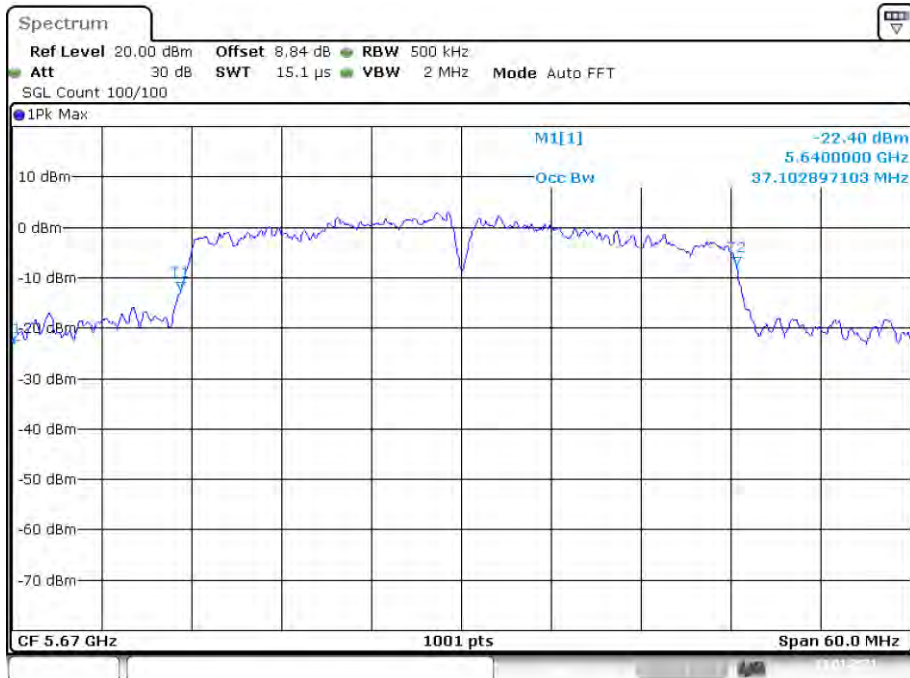
Date: 19.JAN.2021 03:32:17

OBW NVNT ac40 5510MHz Ant1



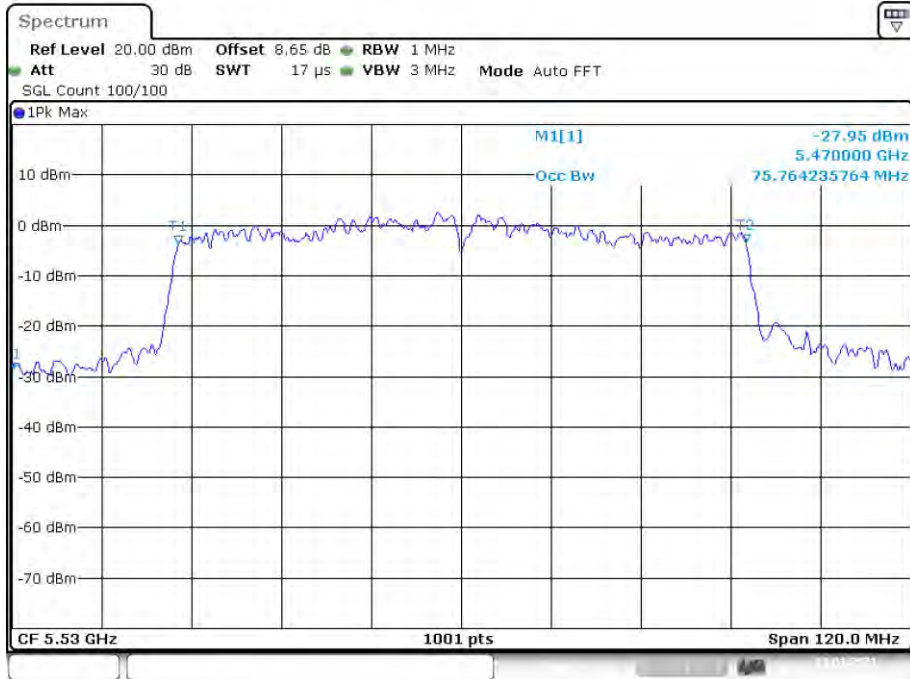
Date: 19.JAN.2021 03:45:40

OBW NVNT ac40 5670MHz Ant1



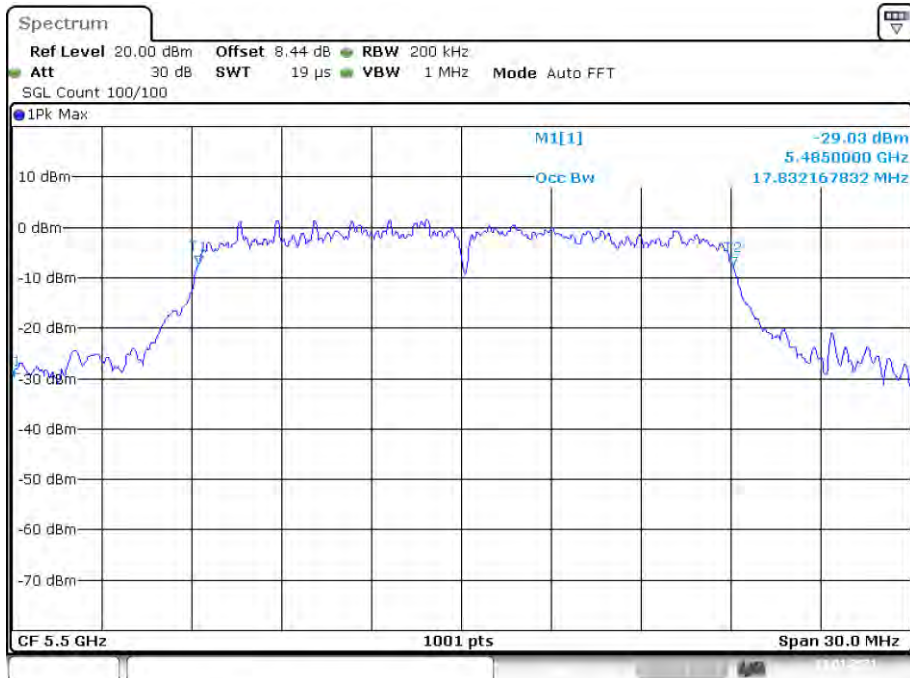
Date: 19.JAN.2021 03:52:59

OBW NVNT ac80 5530MHz Ant1



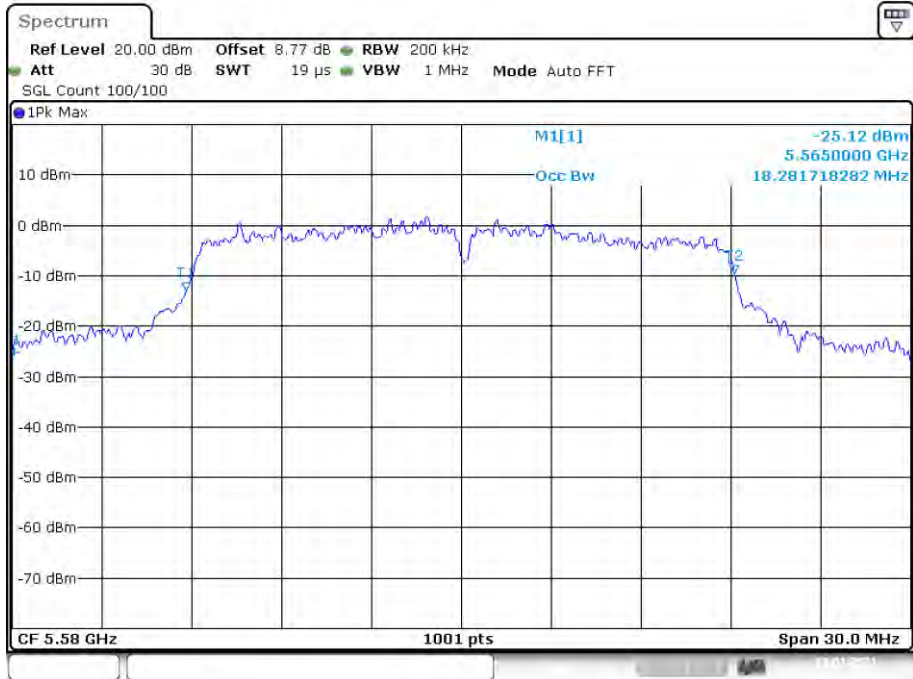
Date: 19.JAN.2021 03:58:20

OBW NVNT n20 5500MHz Ant1



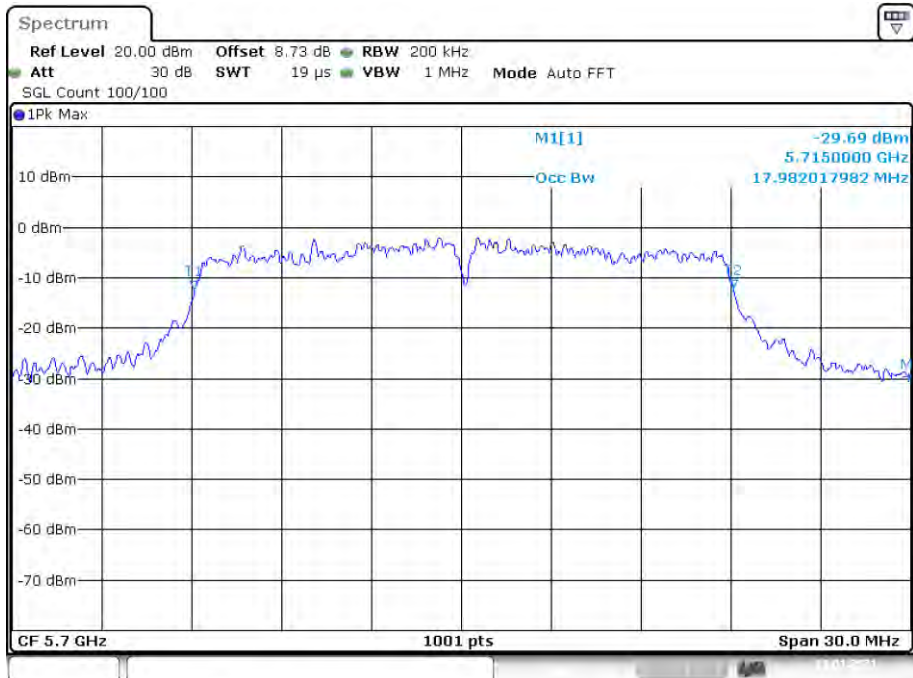
Date: 19.JAN.2021 03:13:49

OBW NVNT n20 5580MHz Ant1



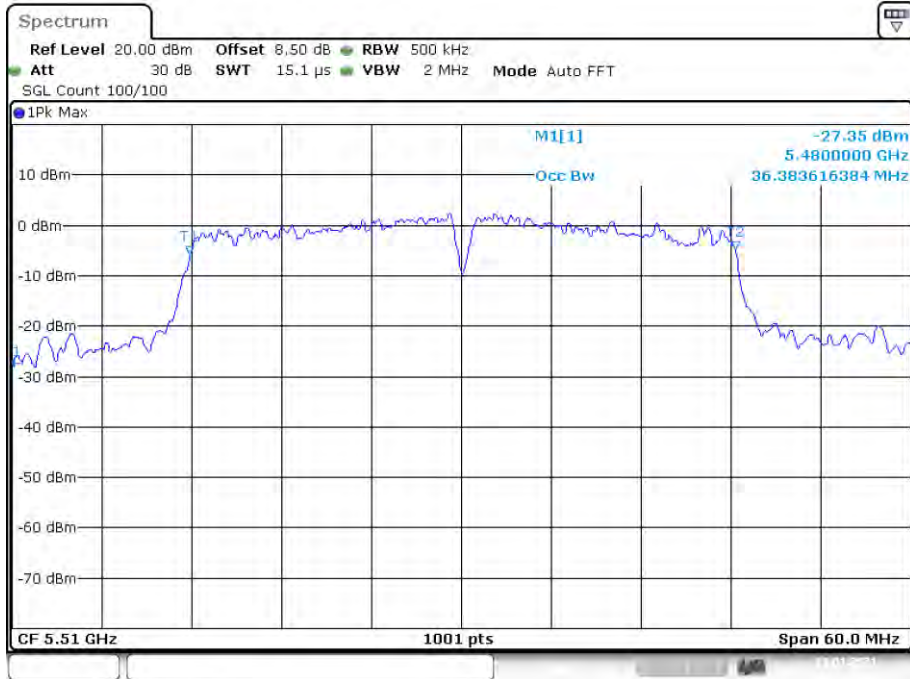
Date: 19.JAN.2021 03:16:57

OBW NVNT n20 5700MHz Ant1



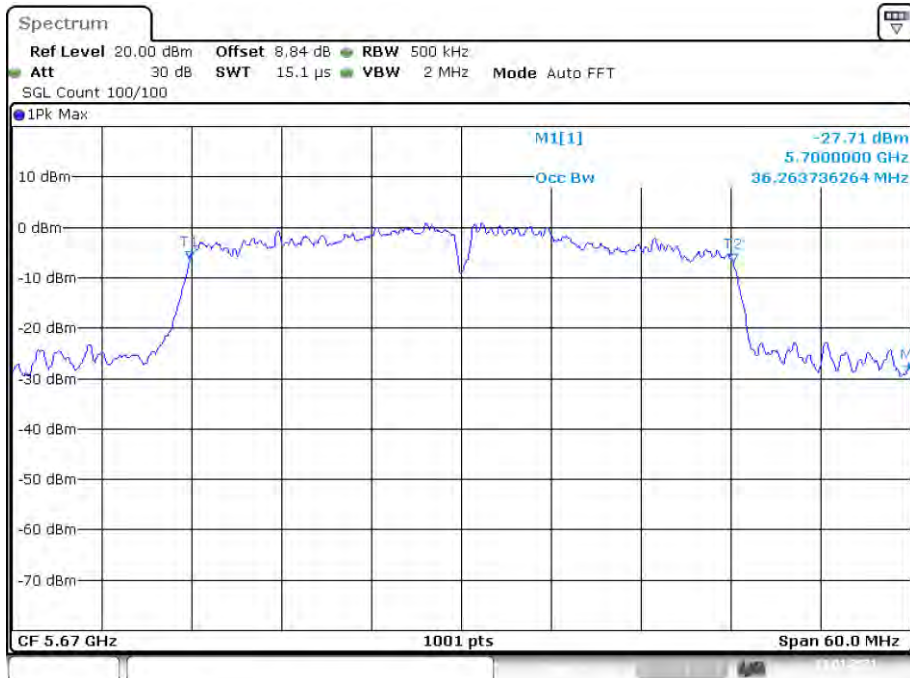
Date: 19.JAN.2021 03:20:29

OBW NVNT n40 5510MHz Ant1



Date: 19.JAN.2021 03:36:29

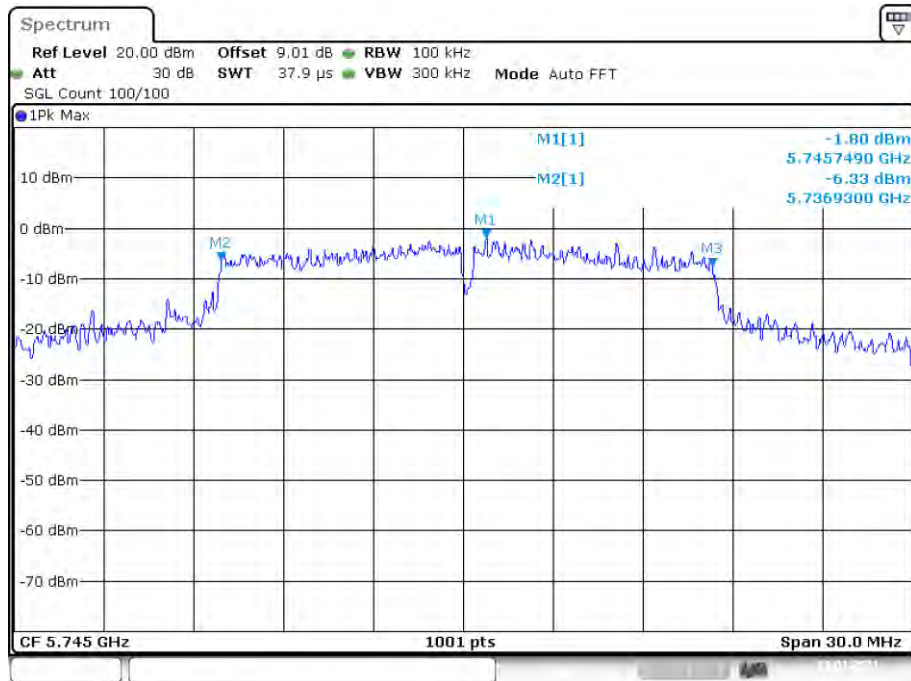
OBW NVNT n40 5670MHz Ant1



Date: 19.JAN.2021 03:41:57

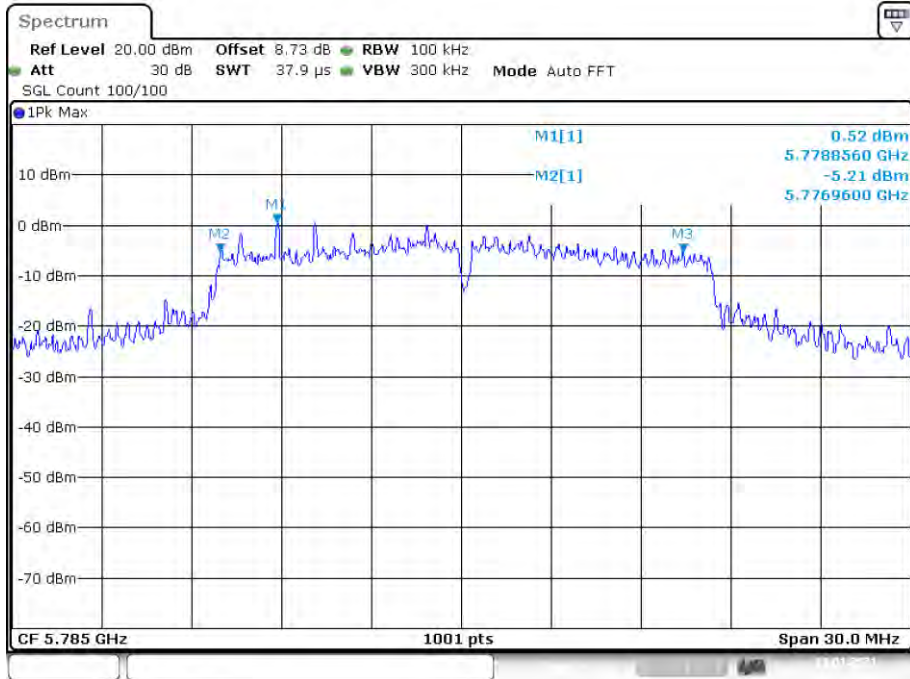
Band 4 (5725-5850 MHz):**-6dB Bandwidth**

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	15.45	0.5	Pass
NVNT	a	5825	Ant1	16.02	0.5	Pass
NVNT	ac20	5745	Ant1	17.58	0.5	Pass
NVNT	ac20	5785	Ant1	17.25	0.5	Pass
NVNT	ac20	5825	Ant1	15.36	0.5	Pass
NVNT	ac40	5755	Ant1	35.7	0.5	Pass
NVNT	ac40	5795	Ant1	36.36	0.5	Pass
NVNT	ac80	5775	Ant1	75.12	0.5	Pass
NVNT	n20	5745	Ant1	17.67	0.5	Pass
NVNT	n20	5785	Ant1	17.55	0.5	Pass
NVNT	n20	5825	Ant1	17.01	0.5	Pass
NVNT	n40	5755	Ant1	36.3	0.5	Pass
NVNT	n40	5795	Ant1	35.76	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1

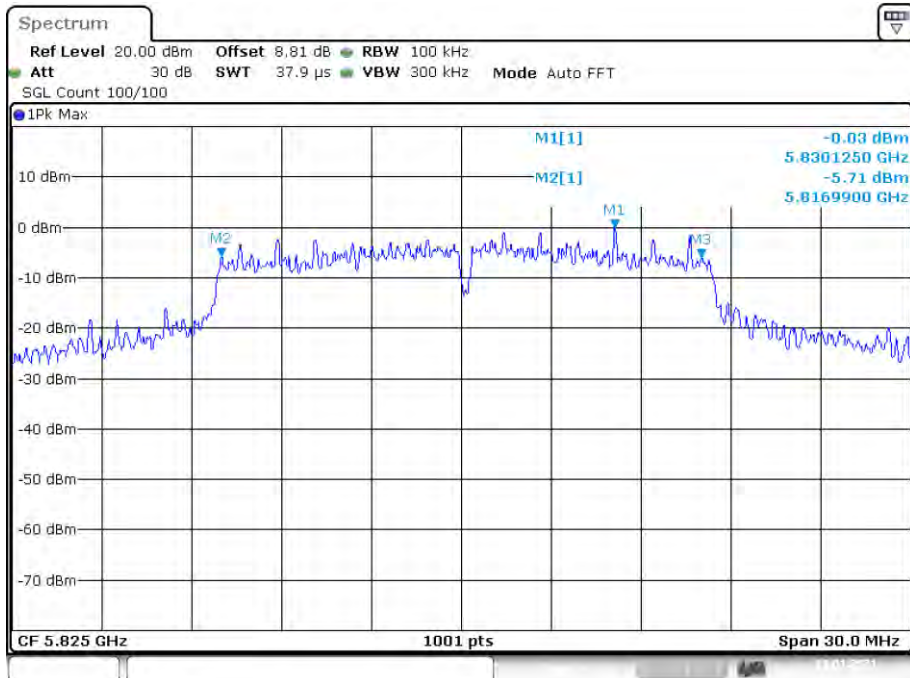
Date: 19.JAN.2021 04:07:49

-6dB Bandwidth NVNT a 5785MHz Ant1



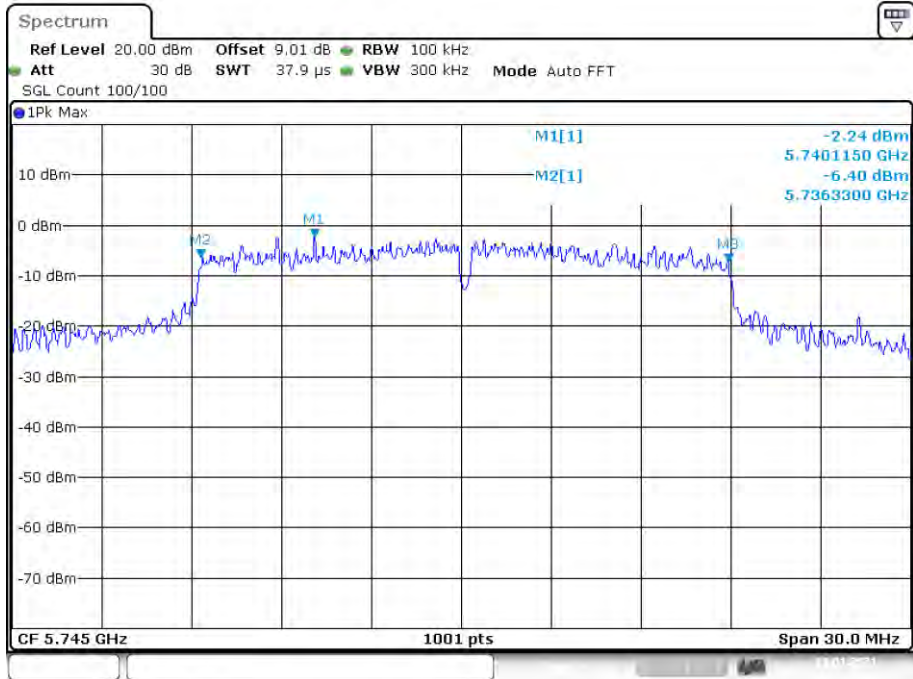
Date: 19.JAN.2021 04:10:35

-6dB Bandwidth NVNT a 5825MHz Ant1



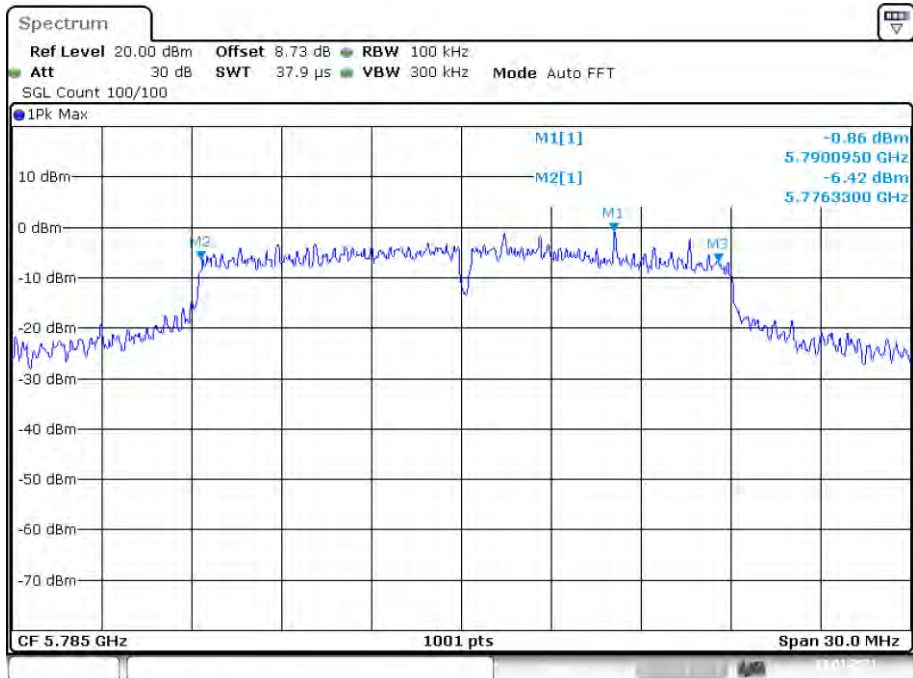
Date: 19.JAN.2021 04:13:18

-6dB Bandwidth NVNT ac20 5745MHz Ant1



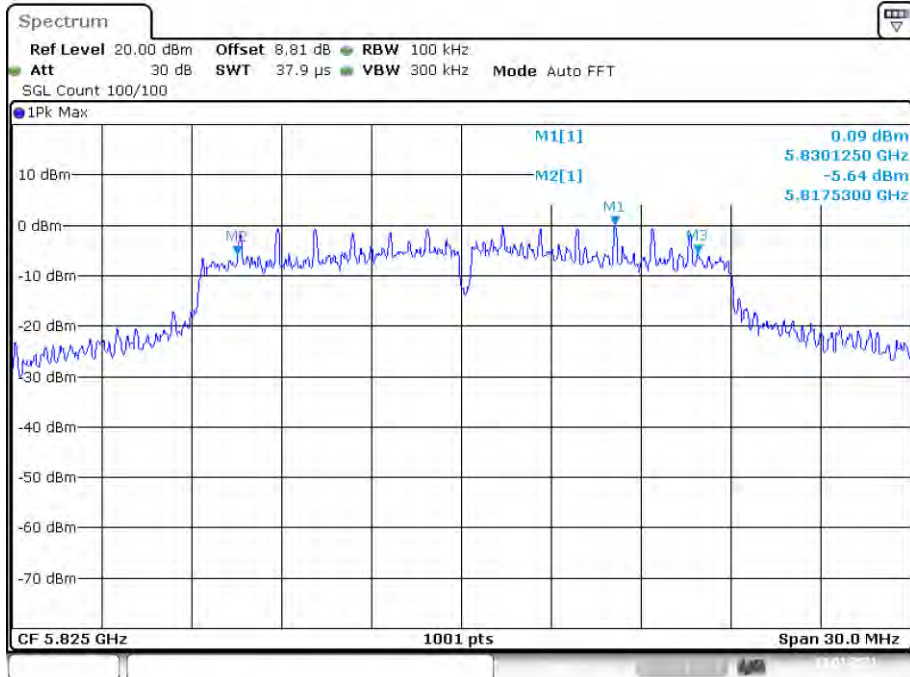
Date: 19.JAN.2021 04:26:15

-6dB Bandwidth NVNT ac20 5785MHz Ant1



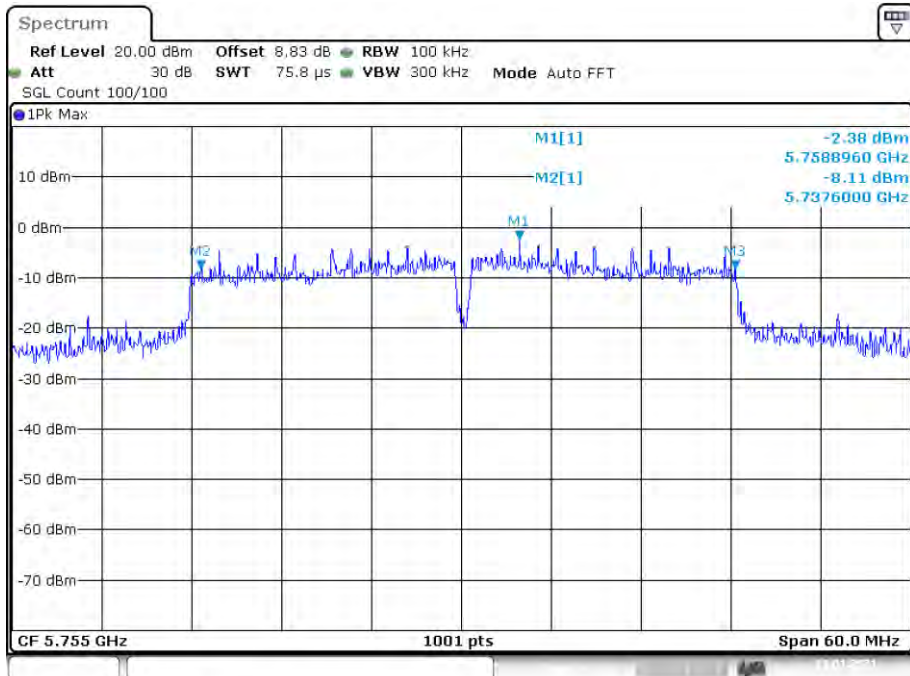
Date: 19.JAN.2021 04:29:22

-6dB Bandwidth NVNT ac20 5825MHz Ant1



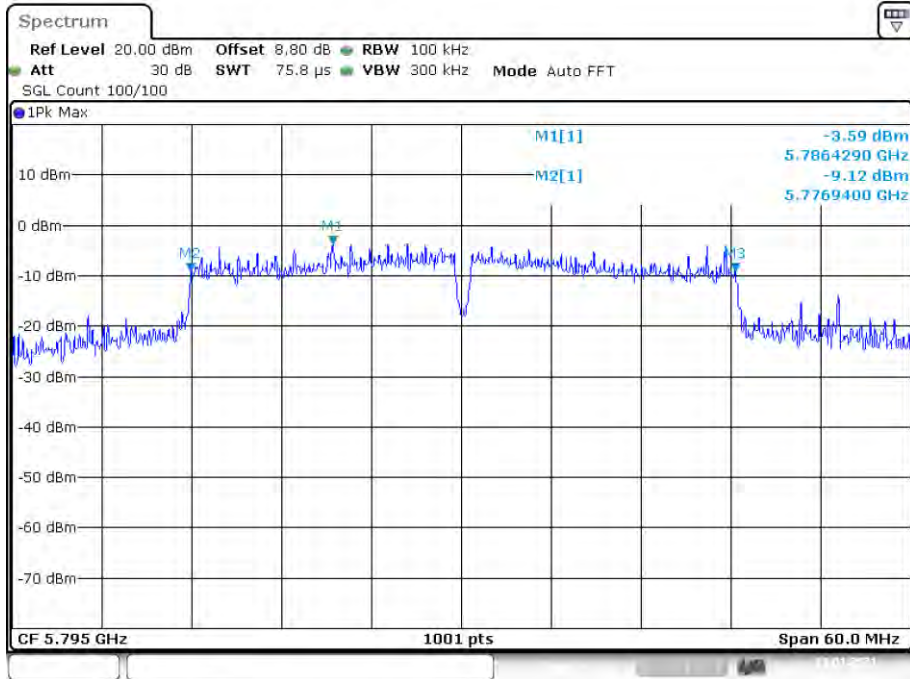
Date: 19.JAN.2021 04:32:39

-6dB Bandwidth NVNT ac40 5755MHz Ant1



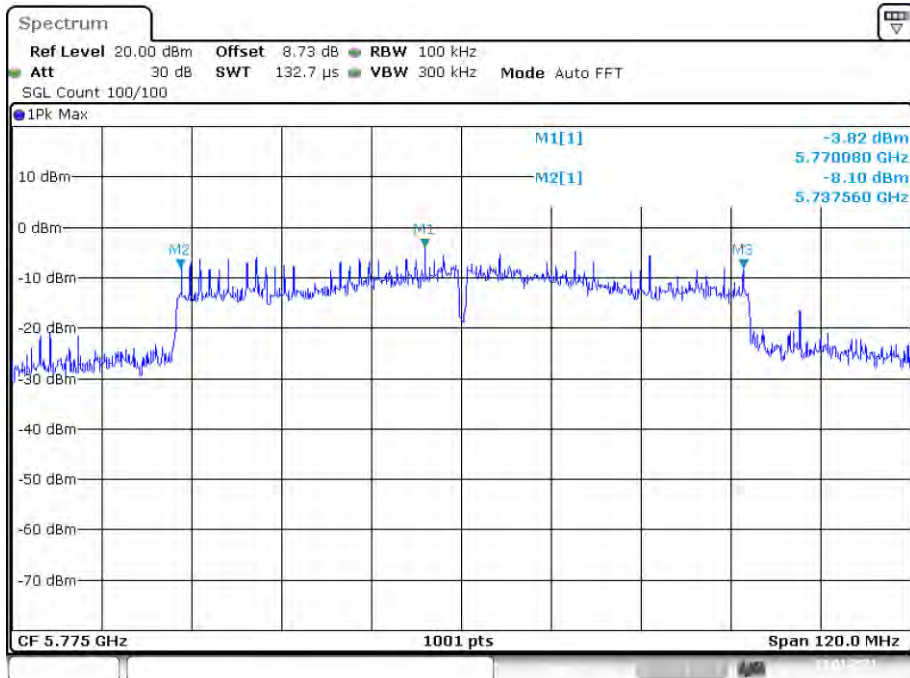
Date: 19.JAN.2021 05:06:57

-6dB Bandwidth NVNT ac40 5795MHz Ant1



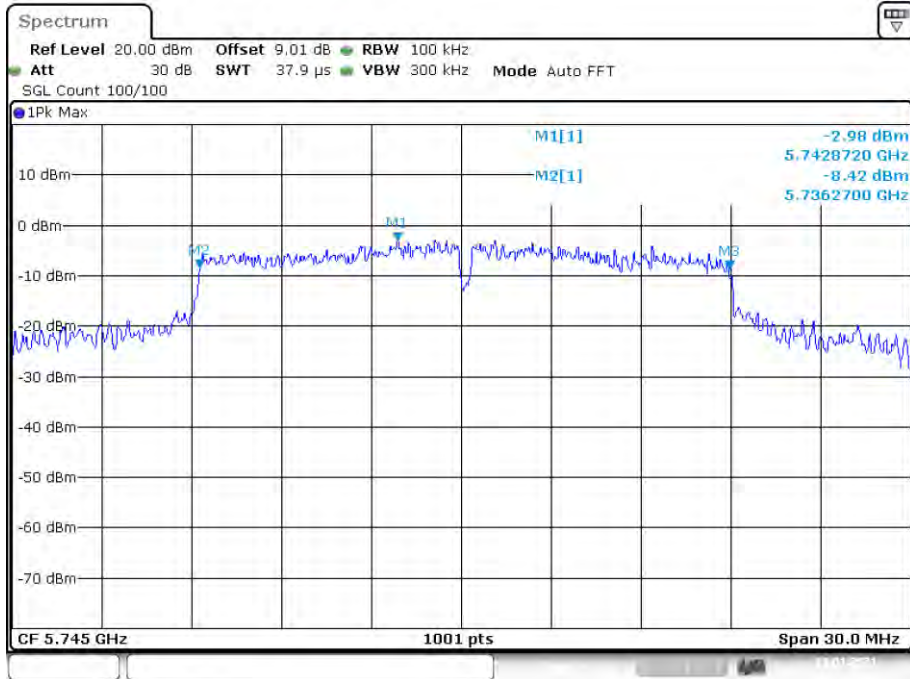
Date: 19.JAN.2021 05:10:05

-6dB Bandwidth NVNT ac80 5775MHz Ant1



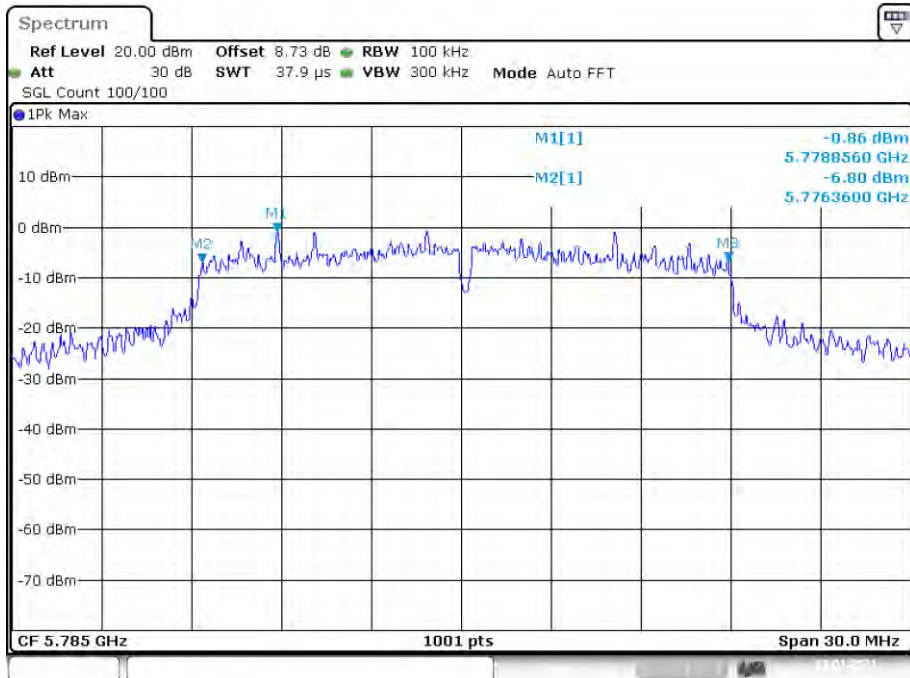
Date: 19.JAN.2021 05:13:32

-6dB Bandwidth NVNT n20 5745MHz Ant1



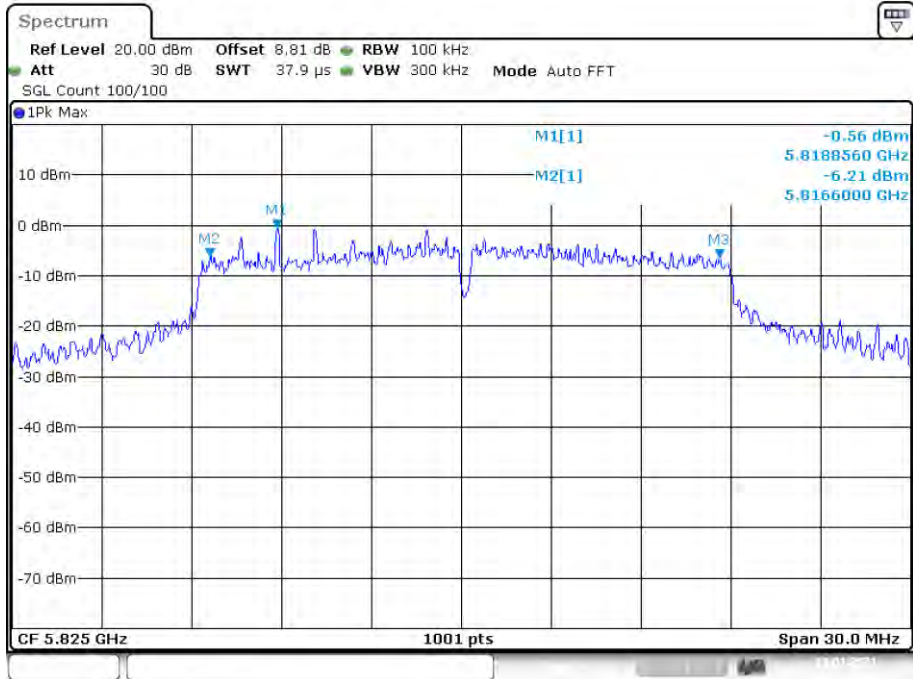
Date: 19.JAN.2021 04:16:15

-6dB Bandwidth NVNT n20 5785MHz Ant1

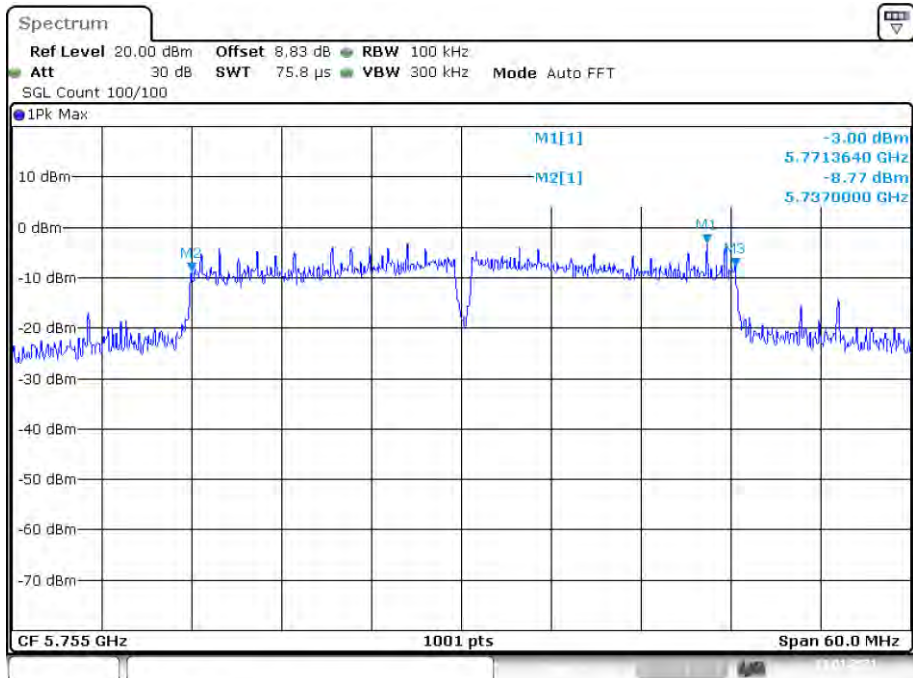


Date: 19.JAN.2021 04:19:33

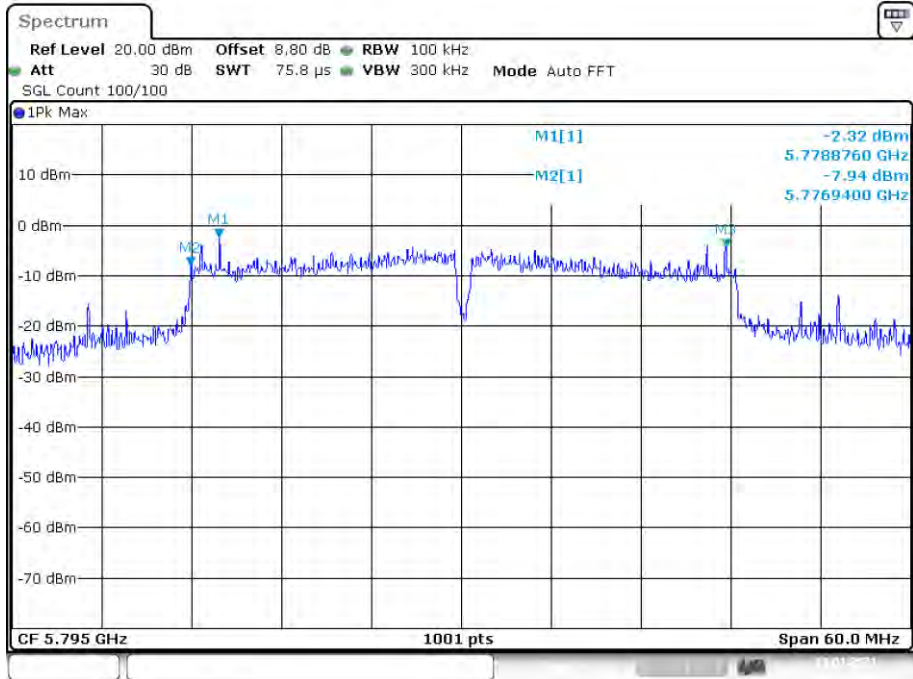
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

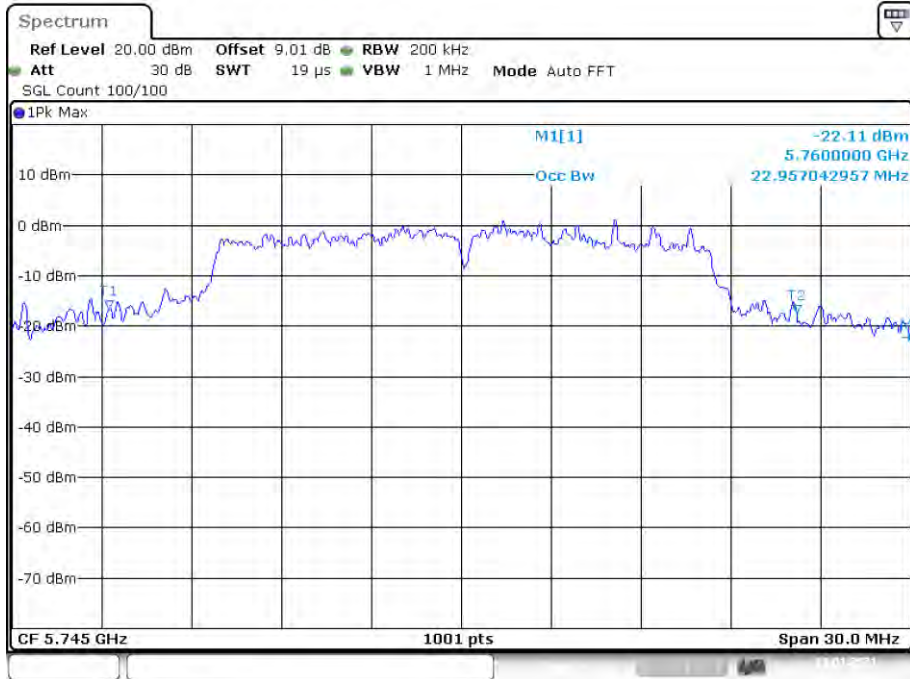


Date: 19.JAN.2021 05:03:45

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	22.957
NVNT	a	5785	Ant1	21.189
NVNT	a	5825	Ant1	21.339
NVNT	ac20	5745	Ant1	21.399
NVNT	ac20	5785	Ant1	20.679
NVNT	ac20	5825	Ant1	20.859
NVNT	ac40	5755	Ant1	49.031
NVNT	ac40	5795	Ant1	48.731
NVNT	ac80	5775	Ant1	92.547
NVNT	n20	5745	Ant1	21.728
NVNT	n20	5785	Ant1	21.009
NVNT	n20	5825	Ant1	20.44
NVNT	n40	5755	Ant1	48.432
NVNT	n40	5795	Ant1	47.832

OBW NVNT a 5745MHz Ant1



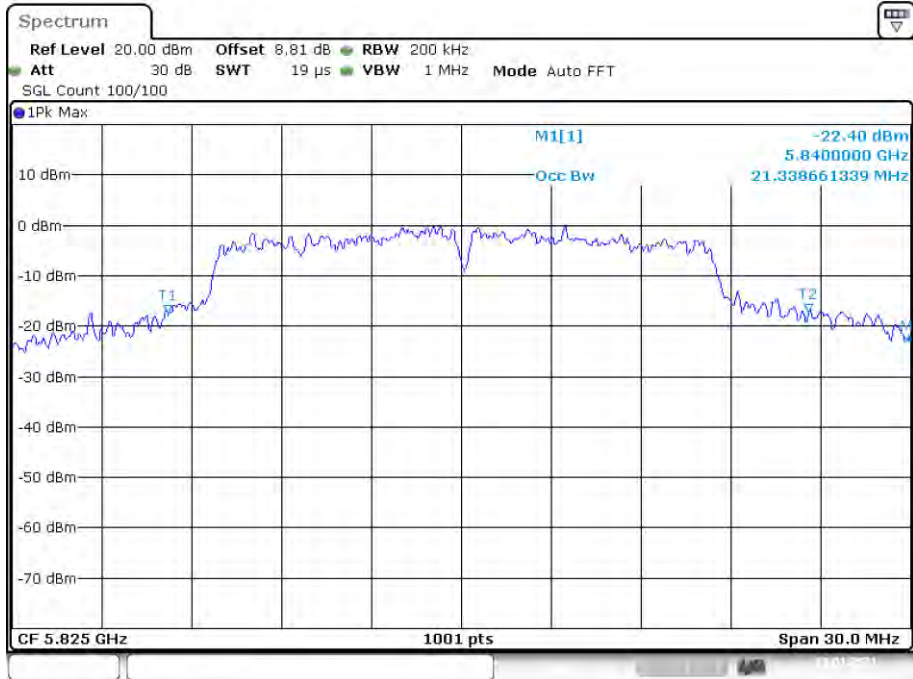
Date: 19.JAN.2021 04:07:41

OBW NVNT a 5785MHz Ant1



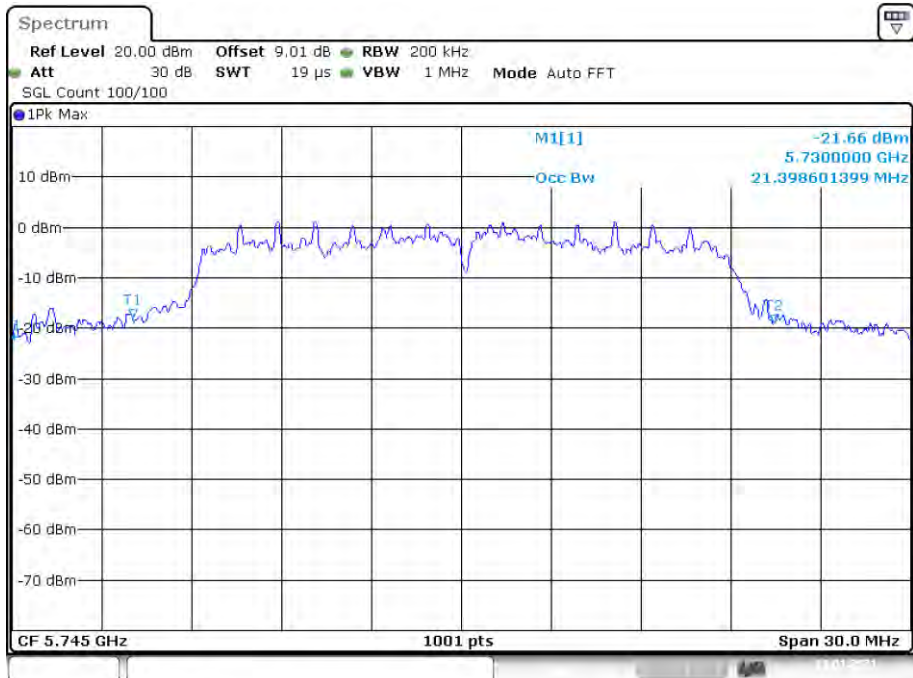
Date: 19.JAN.2021 04:10:27

OBW NVNT a 5825MHz Ant1



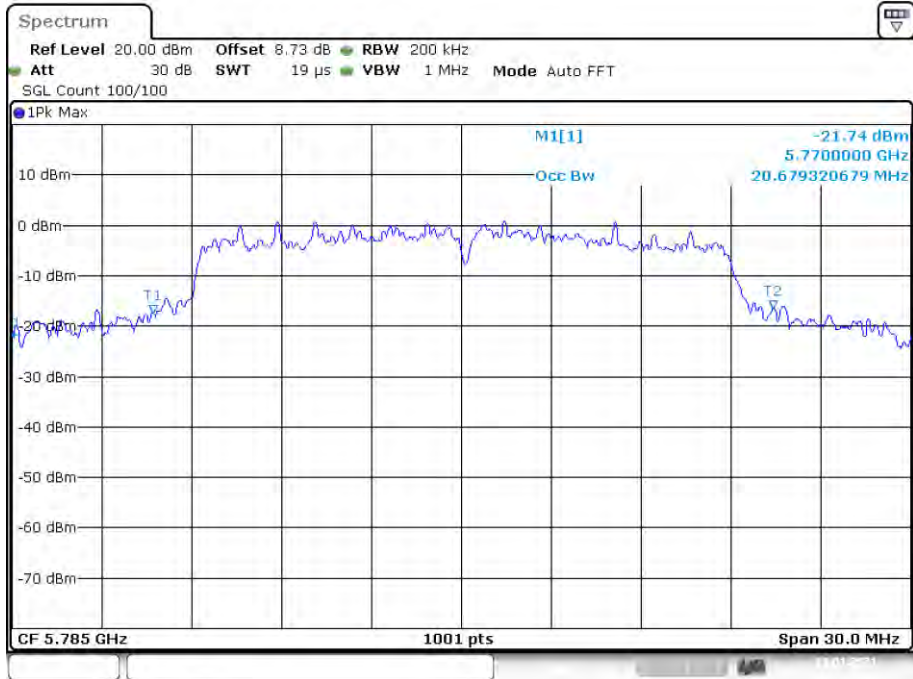
Date: 19.JAN.2021 04:13:06

OBW NVNT ac20 5745MHz Ant1



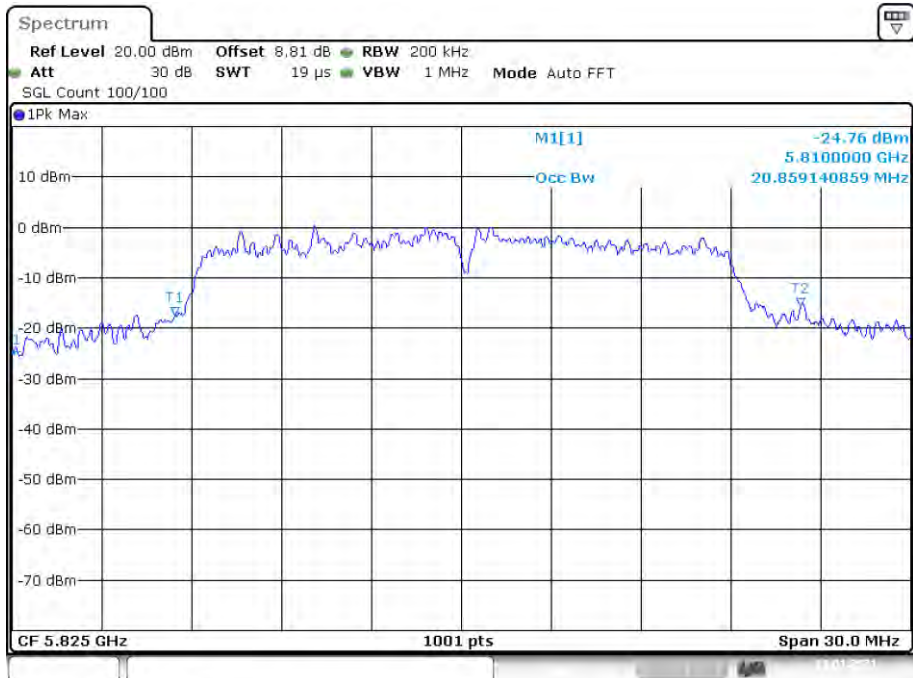
Date: 19.JAN.2021 04:26:00

OBW NVNT ac20 5785MHz Ant1



Date: 19.JAN.2021 04:29:05

OBW NVNT ac20 5825MHz Ant1



Date: 19.JAN.2021 04:32:21