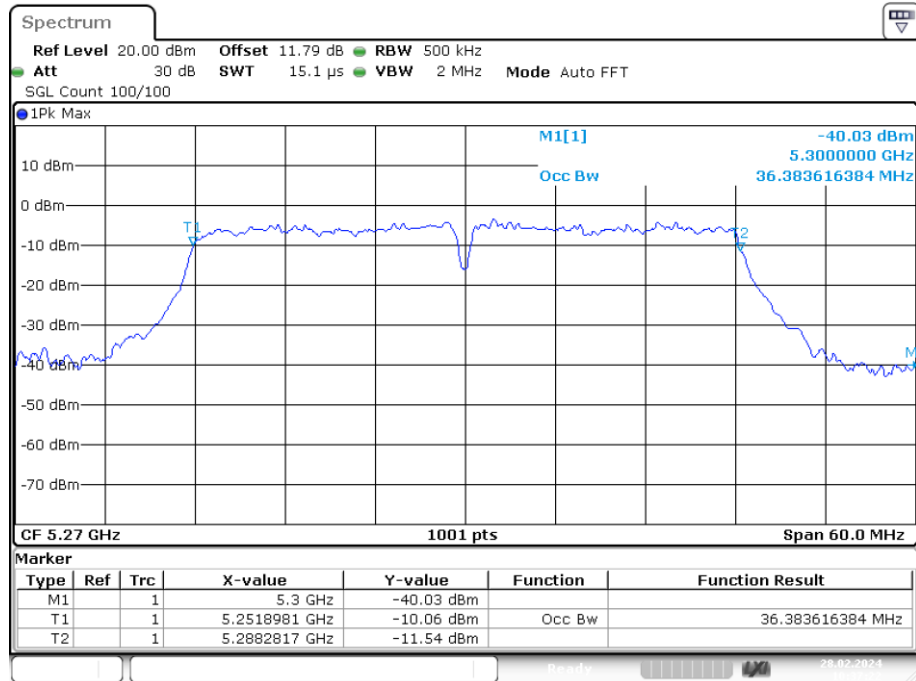
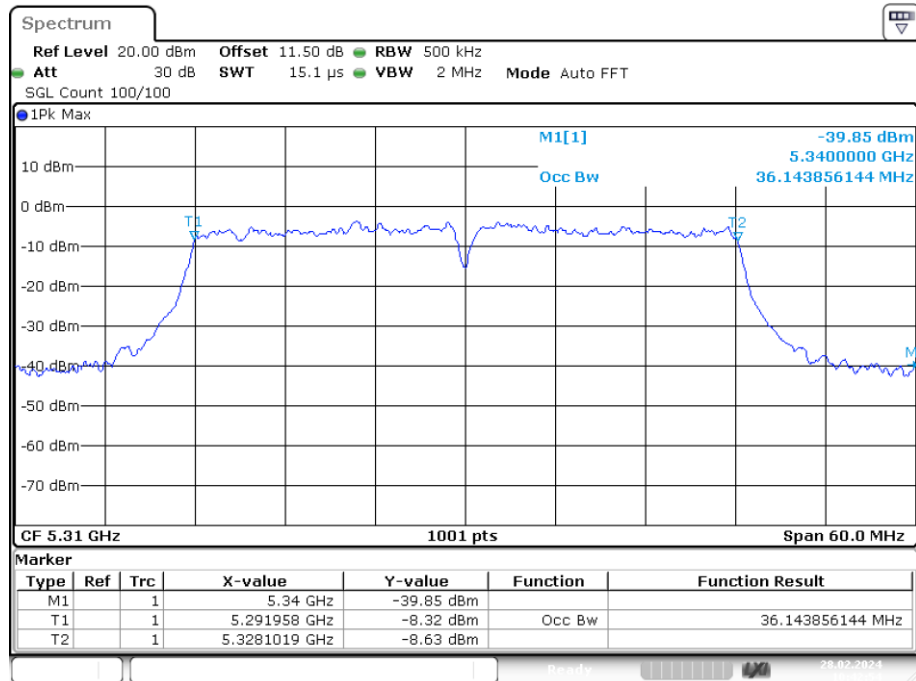


OBW NVNT n40 5270MHz Ant A



Date: 28.FEB.2024 10:37:23

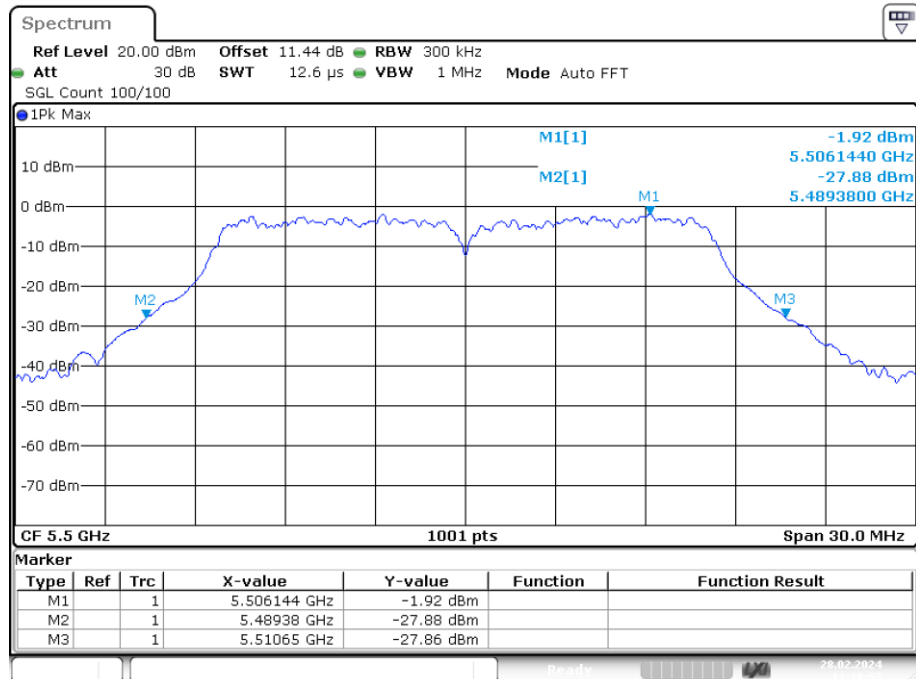
OBW NVNT n40 5310MHz Ant A



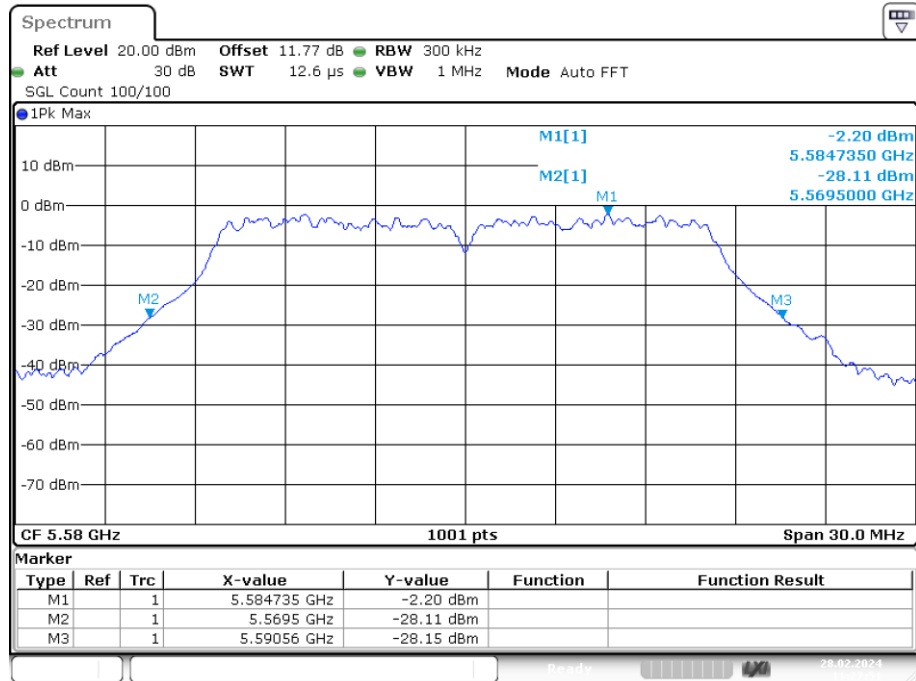
Date: 28.FEB.2024 10:42:54

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

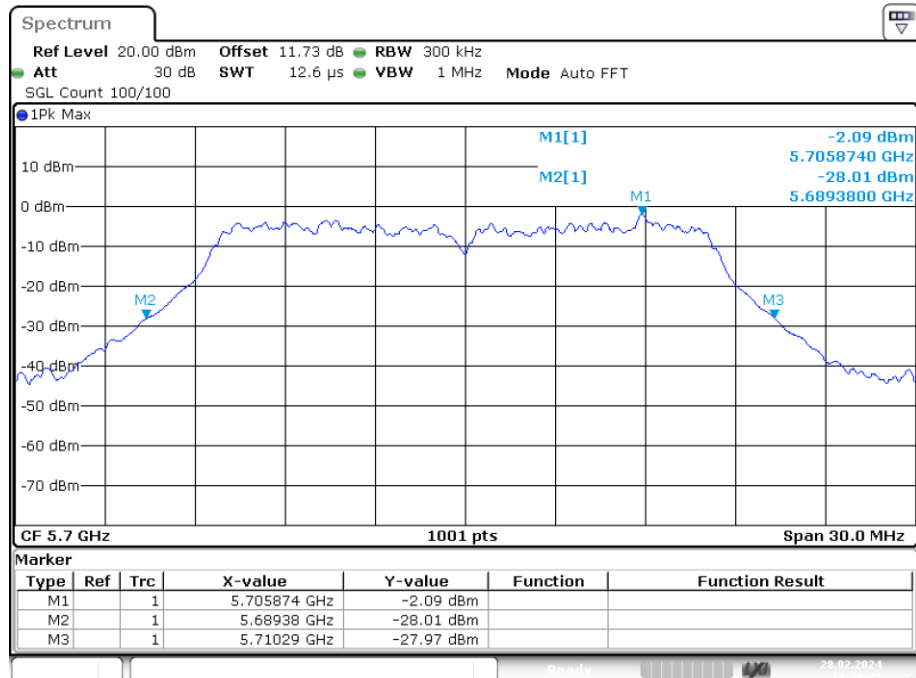
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant A	21.27	Pass
NVNT	a	5580	Ant A	21.06	Pass
NVNT	a	5700	Ant A	20.91	Pass
NVNT	ac20	5500	Ant A	20.79	Pass
NVNT	ac20	5580	Ant A	21.15	Pass
NVNT	ac20	5700	Ant A	21.12	Pass
NVNT	ac40	5510	Ant A	39.78	Pass
NVNT	ac40	5670	Ant A	40.68	Pass
NVNT	ac80	5530	Ant A	78.36	Pass
NVNT	n20	5500	Ant A	21	Pass
NVNT	n20	5580	Ant A	21.3	Pass
NVNT	n20	5700	Ant A	21.36	Pass
NVNT	n40	5510	Ant A	41.58	Pass
NVNT	n40	5670	Ant A	41.34	Pass

-26dB Bandwidth NVNT a 5500MHz Ant A

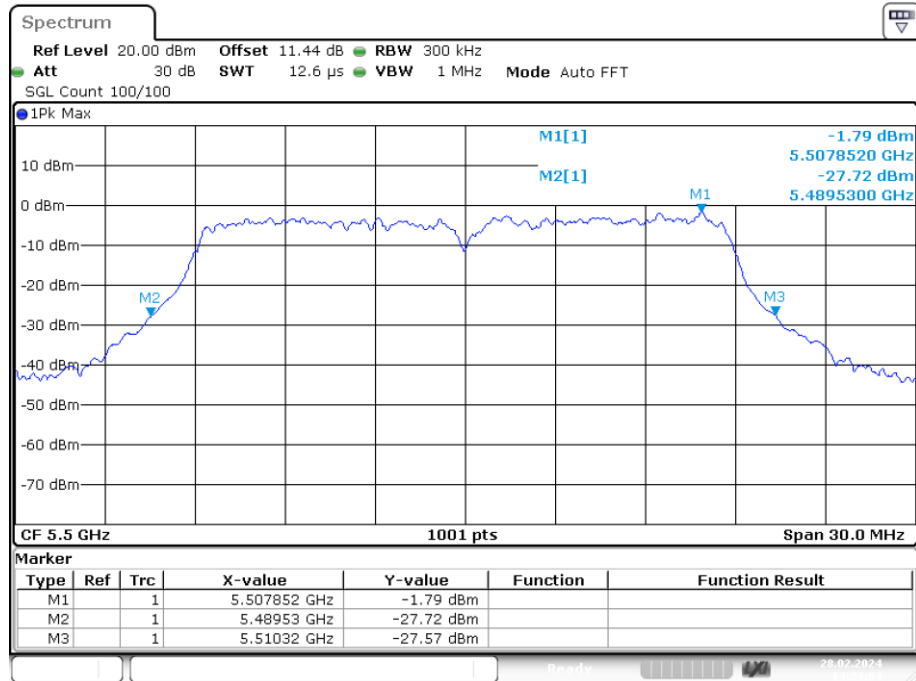
Date: 28.FEB.2024 11:18:58

-26dB Bandwidth NVNT a 5580MHz Ant A

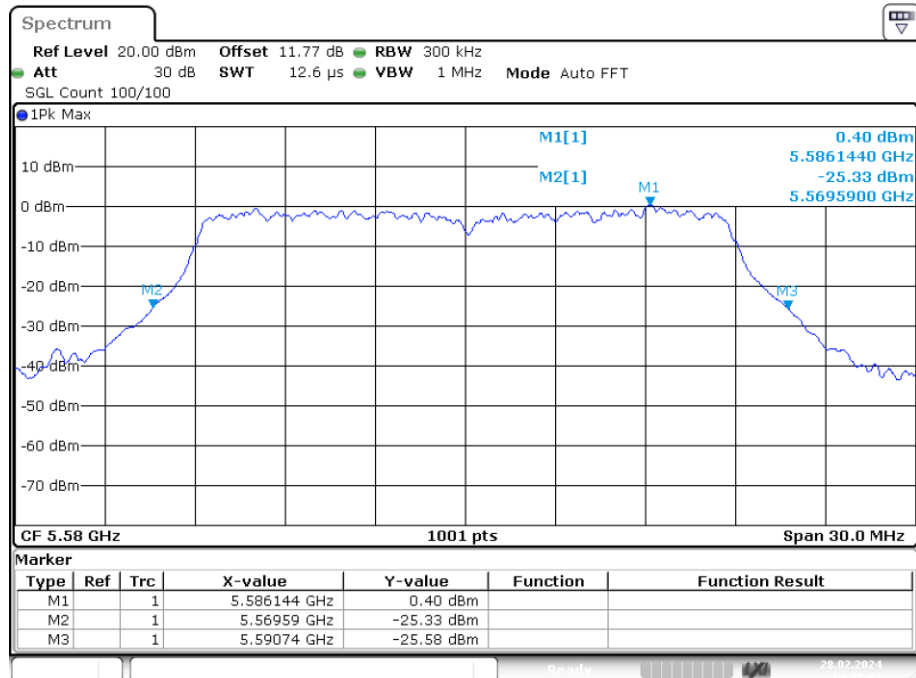
Date: 28.FEB.2024 11:27:52

-26dB Bandwidth NVNT a 5700MHz Ant A

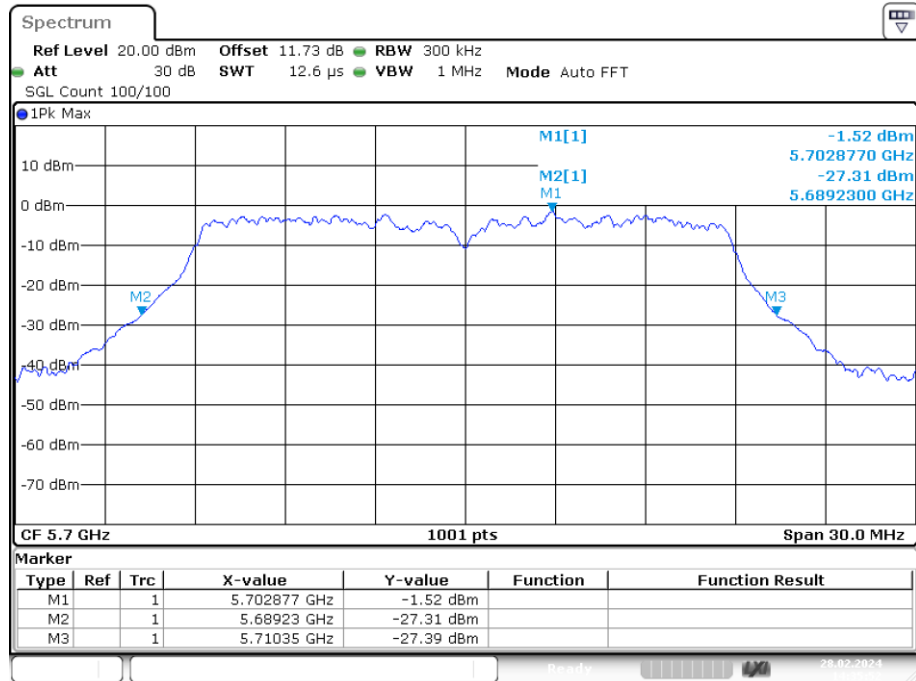
Date: 28.FEB.2024 11:36:23

-26dB Bandwidth NVNT ac20 5500MHz Ant A

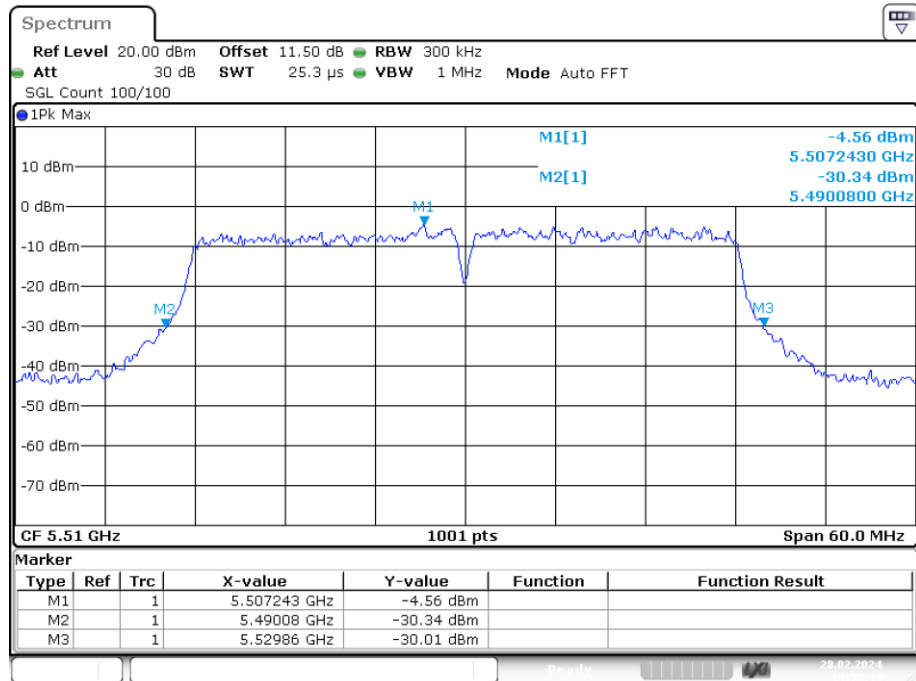
Date: 28.FEB.2024 14:24:03

-26dB Bandwidth NVNT ac20 5580MHz Ant A

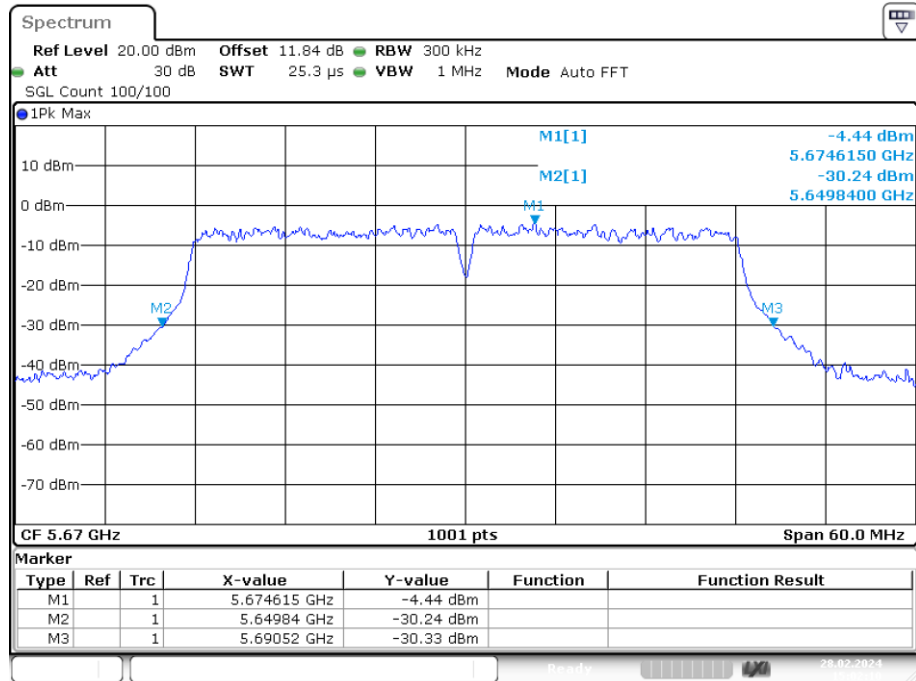
Date: 28.FEB.2024 14:28:04

-26dB Bandwidth NVNT ac20 5700MHz Ant A

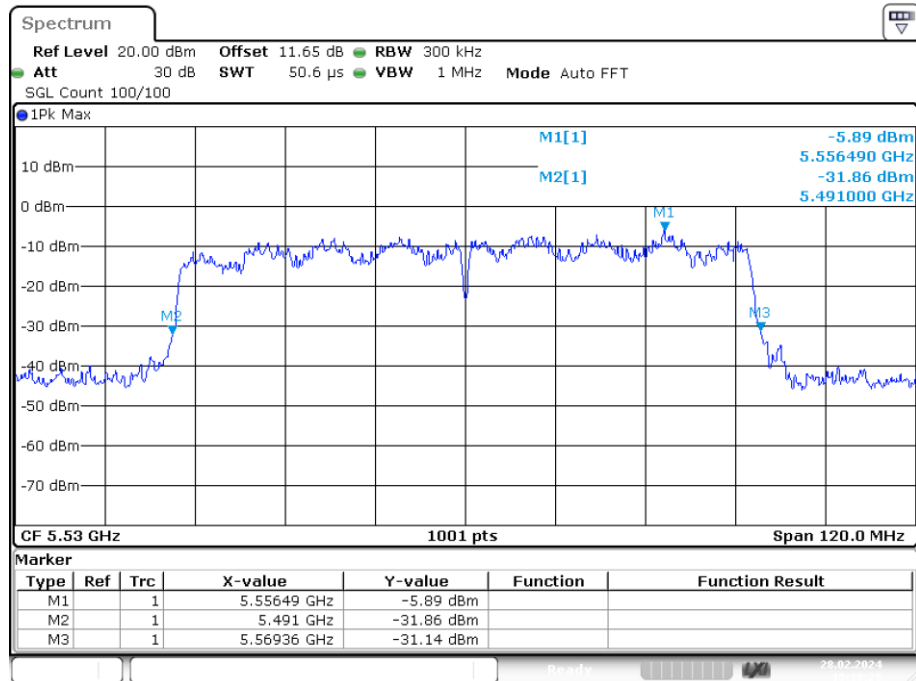
Date: 28.FEB.2024 14:35:52

-26dB Bandwidth NVNT ac40 5510MHz Ant A

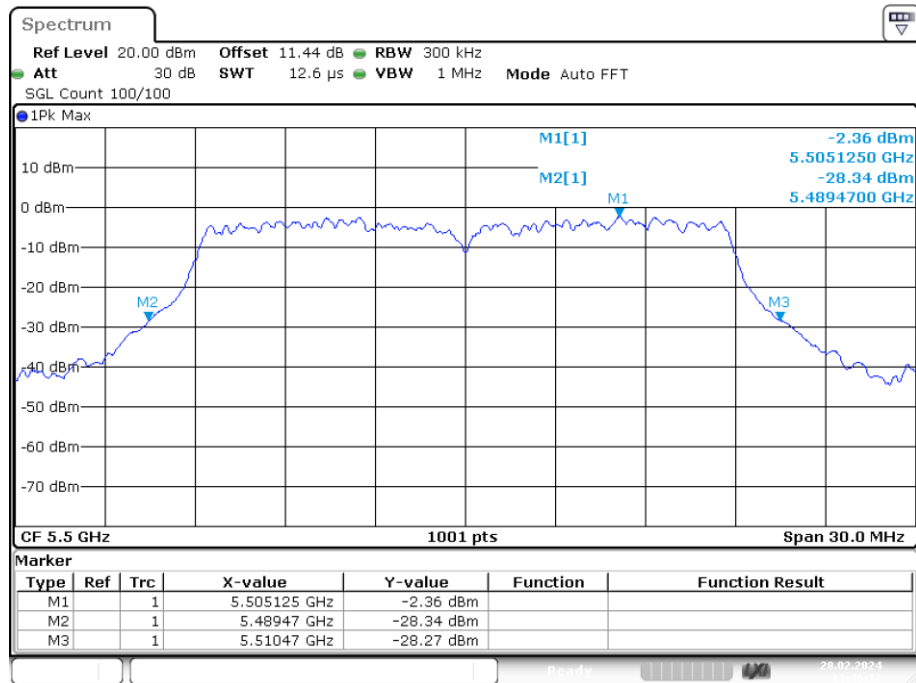
Date: 28.FEB.2024 14:55:43

-26dB Bandwidth NVNT ac40 5670MHz Ant A

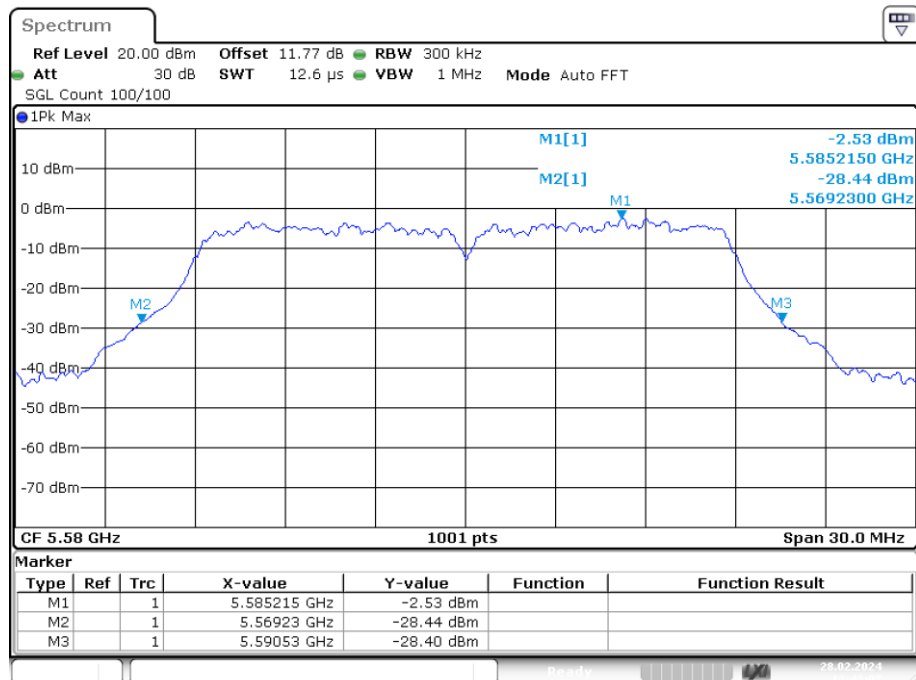
Date: 28.FEB.2024 15:02:10

-26dB Bandwidth NVNT ac80 5530MHz Ant A

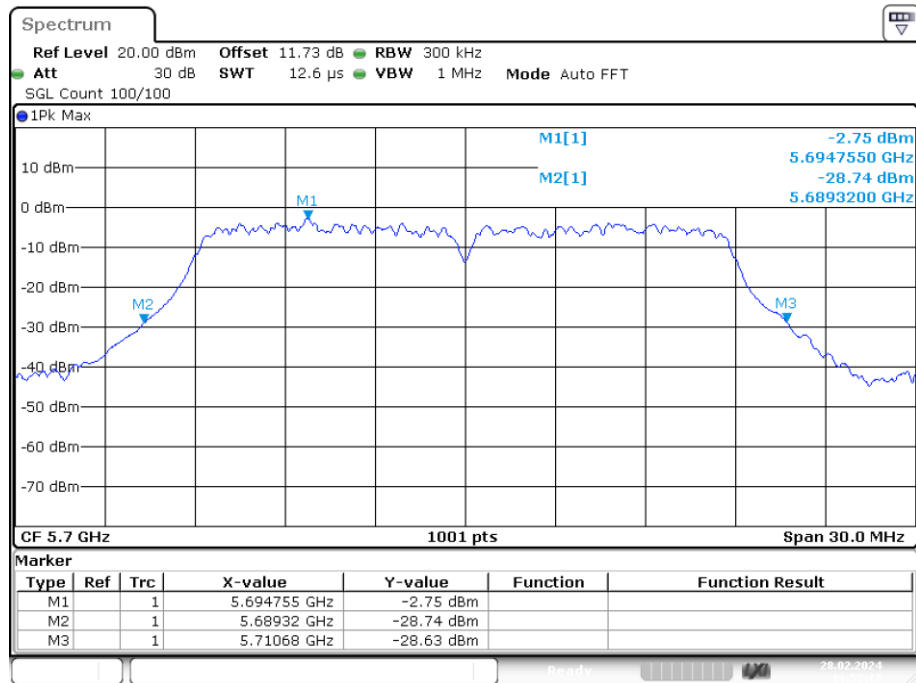
Date: 28.FEB.2024 15:18:29

-26dB Bandwidth NVNT n20 5500MHz Ant A

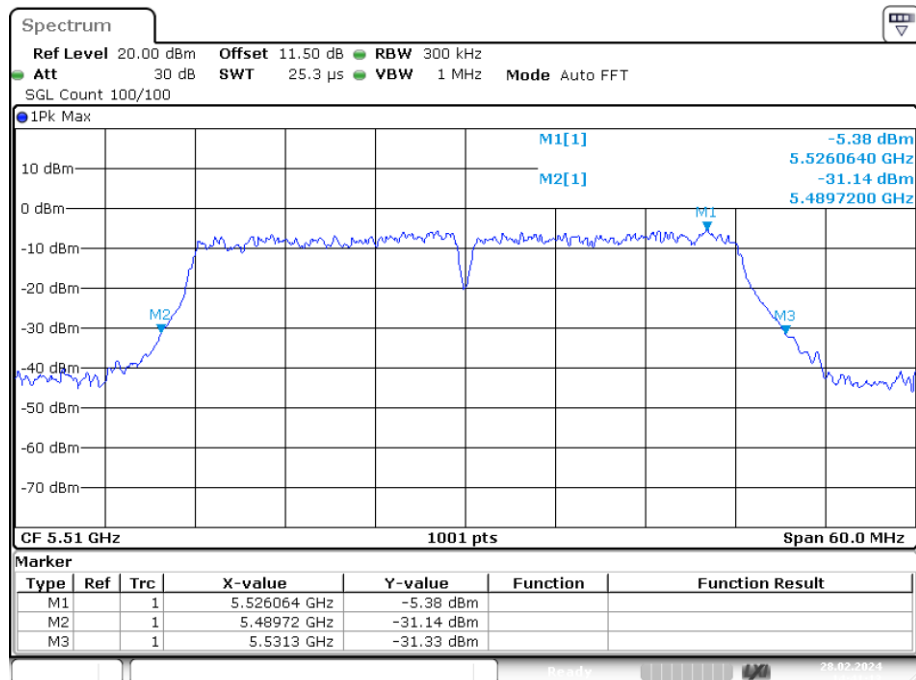
Date: 28.FEB.2024 11:46:12

-26dB Bandwidth NVNT n20 5580MHz Ant A

Date: 28.FEB.2024 13:42:07

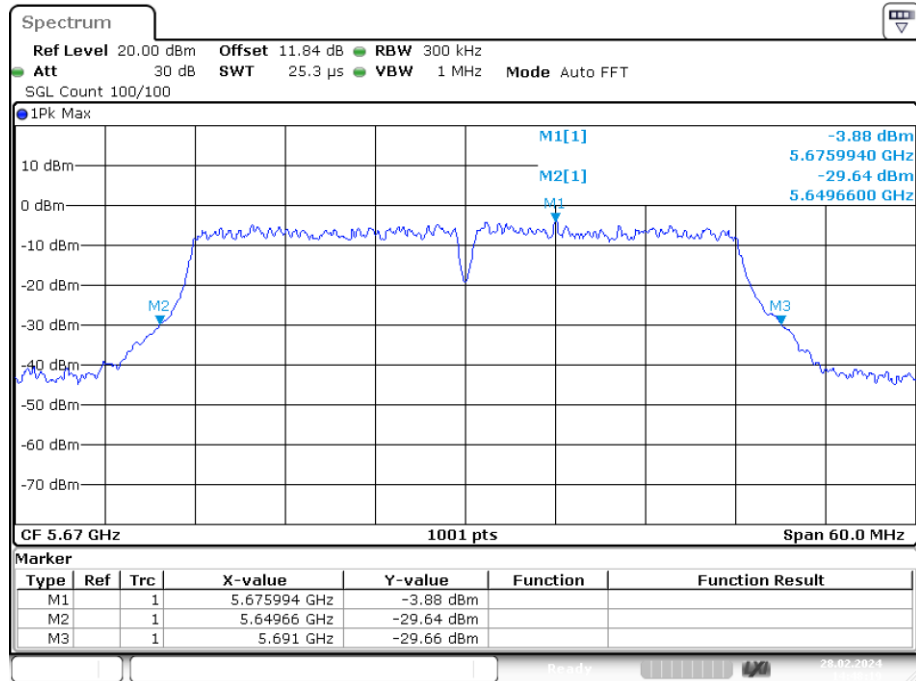
-26dB Bandwidth NVNT n20 5700MHz Ant A

Date: 28.FEB.2024 13:52:17

-26dB Bandwidth NVNT n40 5510MHz Ant A

Date: 28.FEB.2024 14:41:13

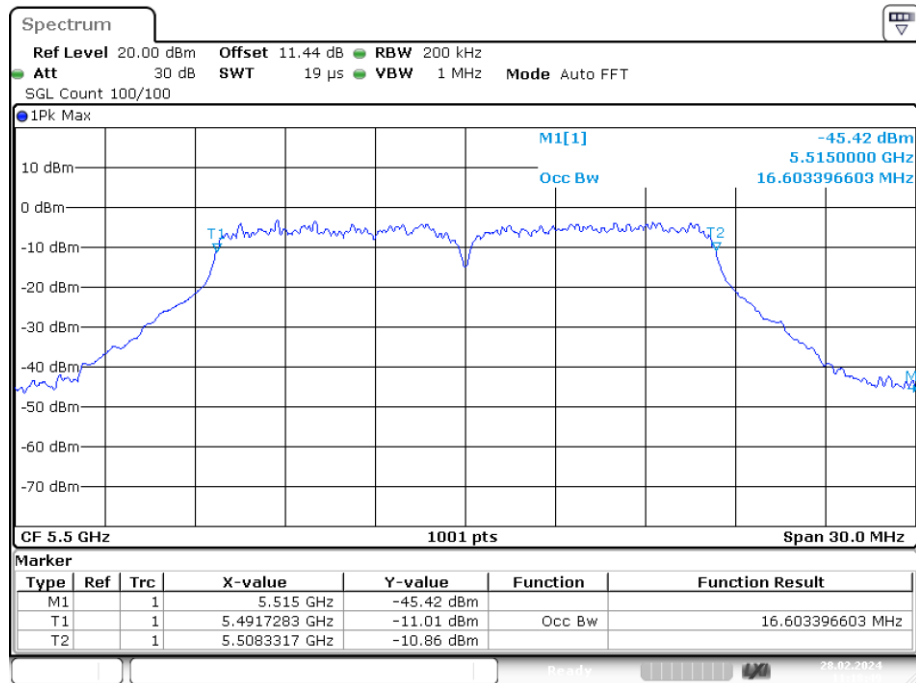
-26dB Bandwidth NVNT n40 5670MHz Ant A



Occupied Channel Bandwidth

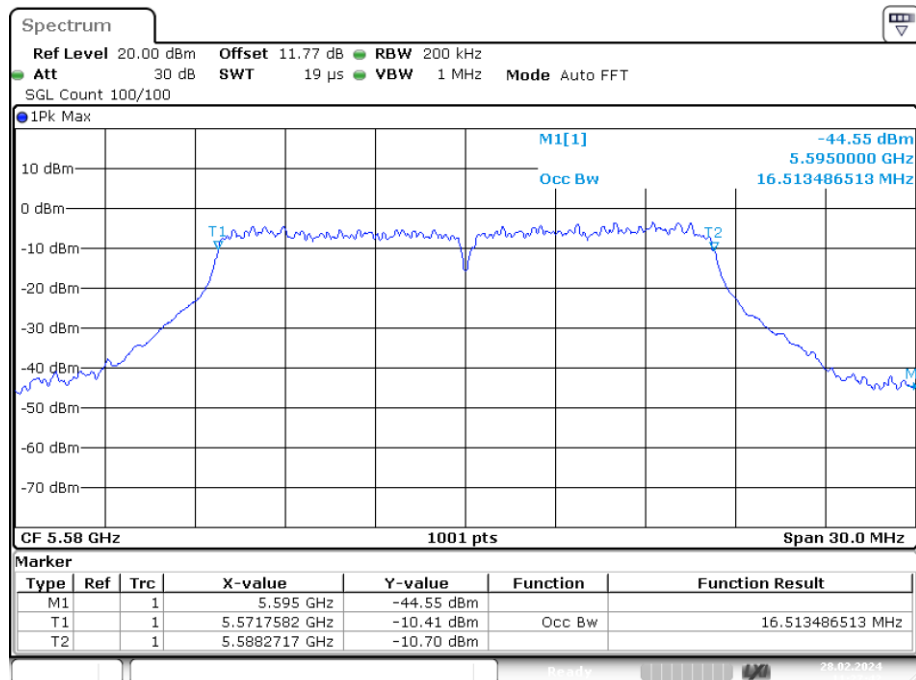
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant A	16.603
NVNT	a	5580	Ant A	16.513
NVNT	a	5700	Ant A	16.633
NVNT	ac20	5500	Ant A	17.652
NVNT	ac20	5580	Ant A	17.682
NVNT	ac20	5700	Ant A	17.772
NVNT	ac40	5510	Ant A	36.384
NVNT	ac40	5670	Ant A	36.264
NVNT	ac80	5530	Ant A	74.805
NVNT	n20	5500	Ant A	17.742
NVNT	n20	5580	Ant A	17.622
NVNT	n20	5700	Ant A	17.652
NVNT	n40	5510	Ant A	36.324
NVNT	n40	5670	Ant A	36.384

OBW NVNT a 5500MHz Ant A



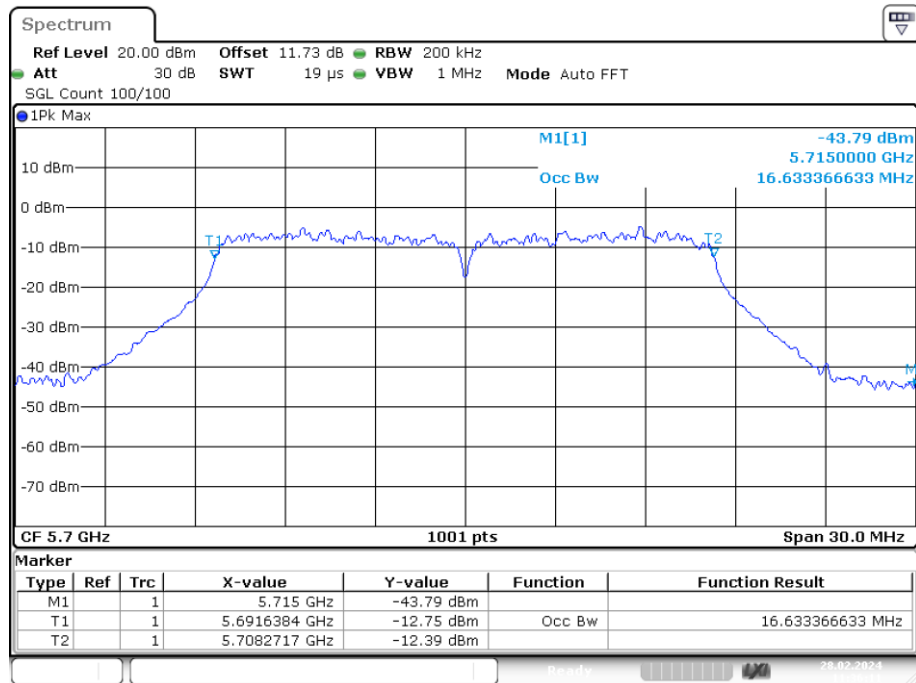
Date: 28.FEB.2024 11:18:49

OBW NVNT a 5580MHz Ant A



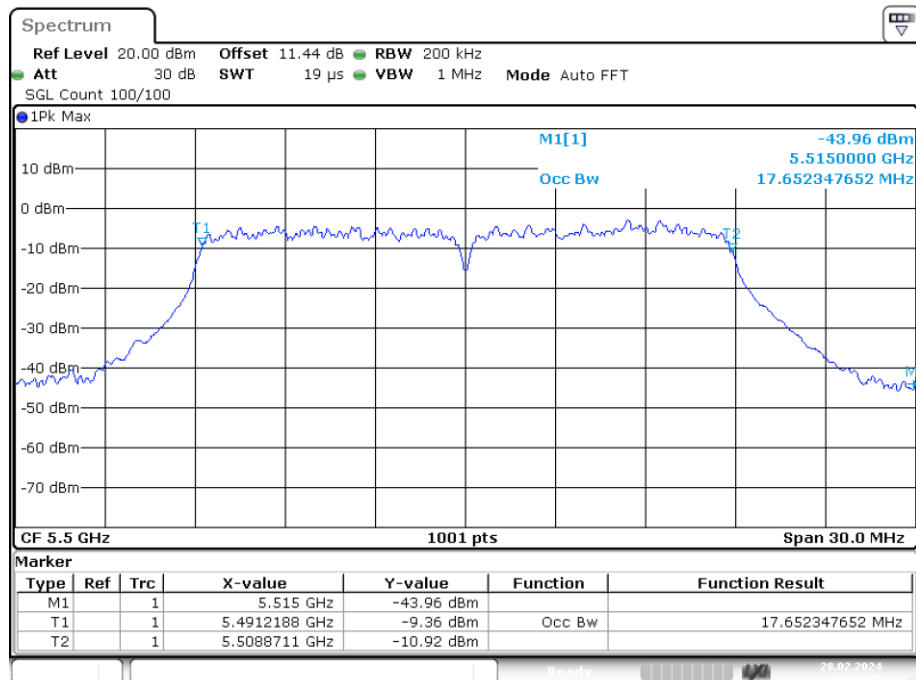
Date: 28.FEB.2024 11:27:42

OBW NVNT a 5700MHz Ant A



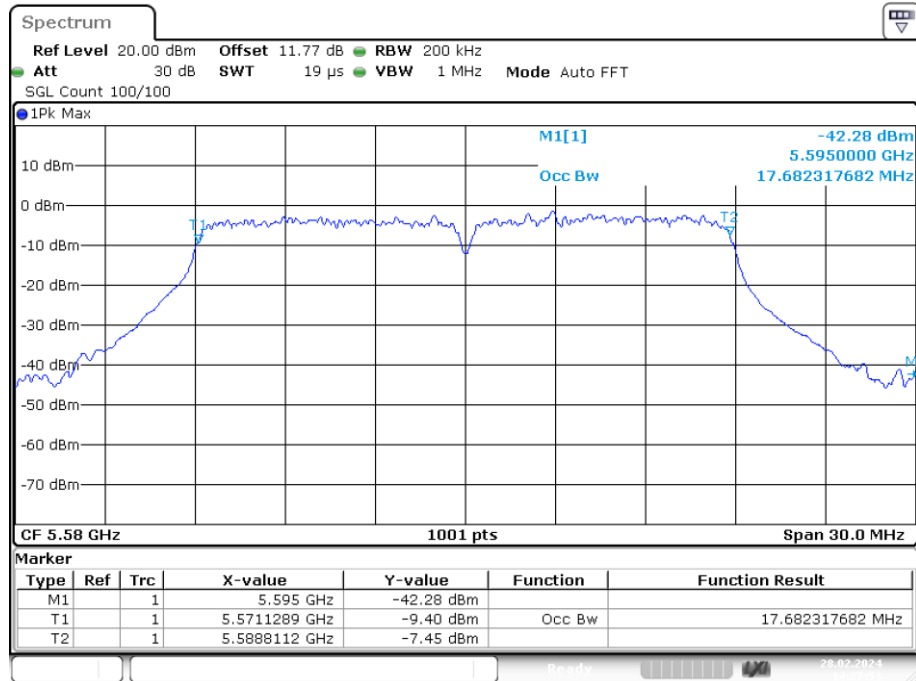
Date: 28.FEB.2024 11:36:11

OBW NVNT ac20 5500MHz Ant A



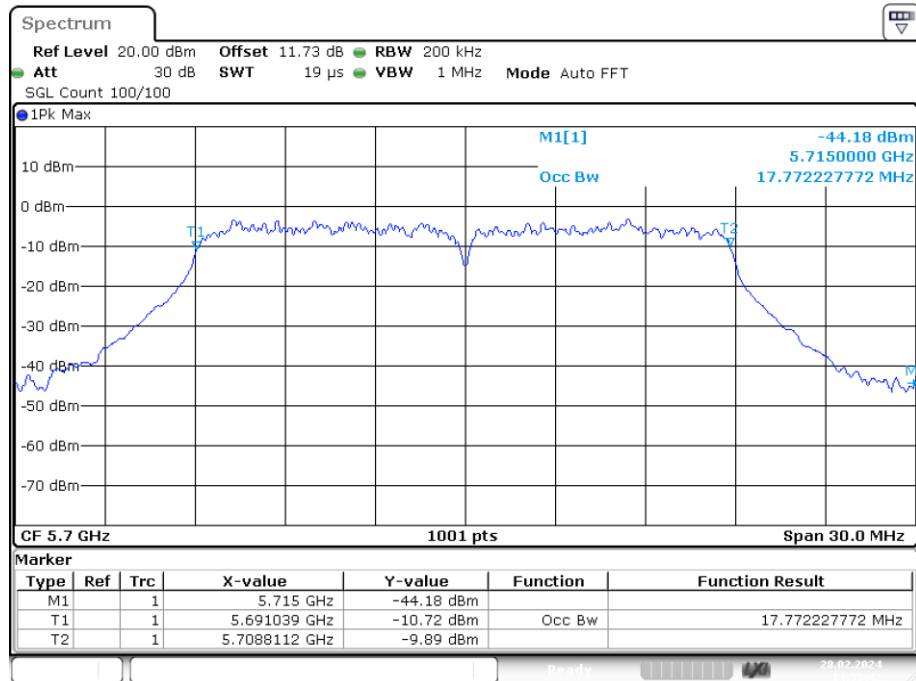
Date: 28.FEB.2024 14:23:54

OBW NVNT ac20 5580MHz Ant A



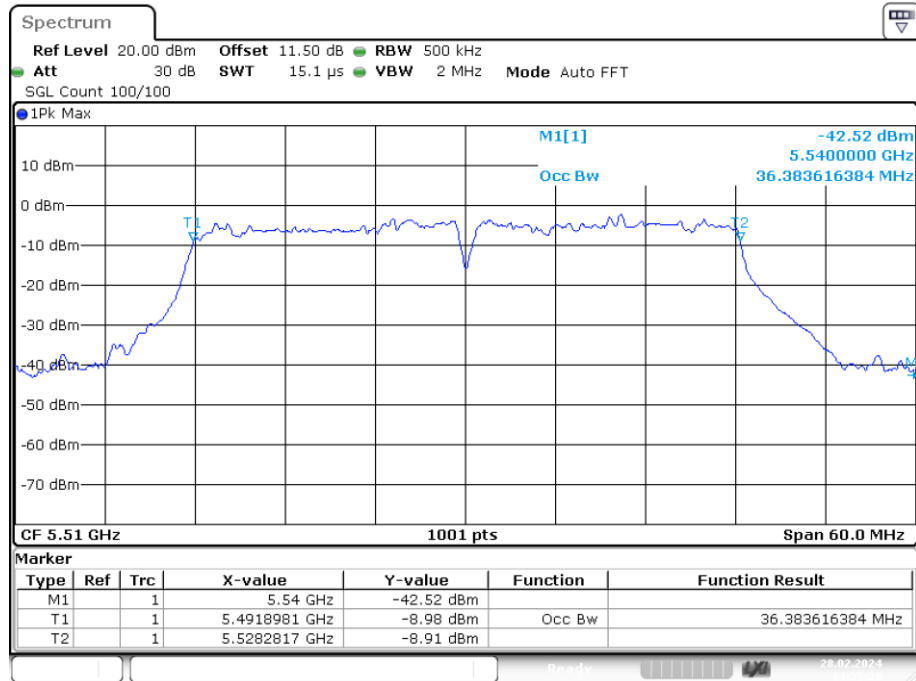
Date: 28.FEB.2024 14:27:53

OBW NVNT ac20 5700MHz Ant A



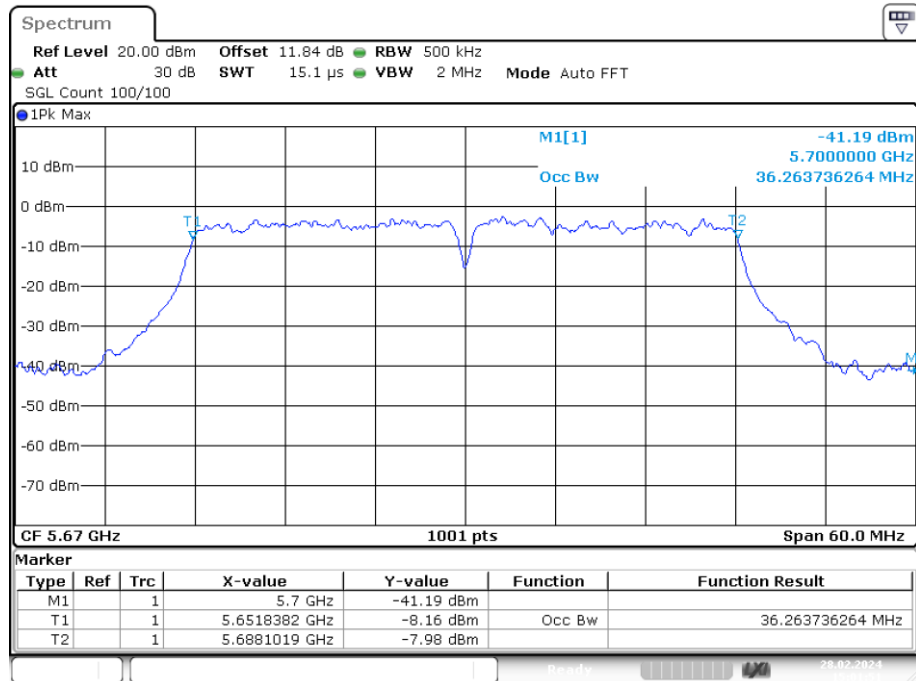
Date: 28.FEB.2024 14:35:41

OBW NVNT ac40 5510MHz Ant A



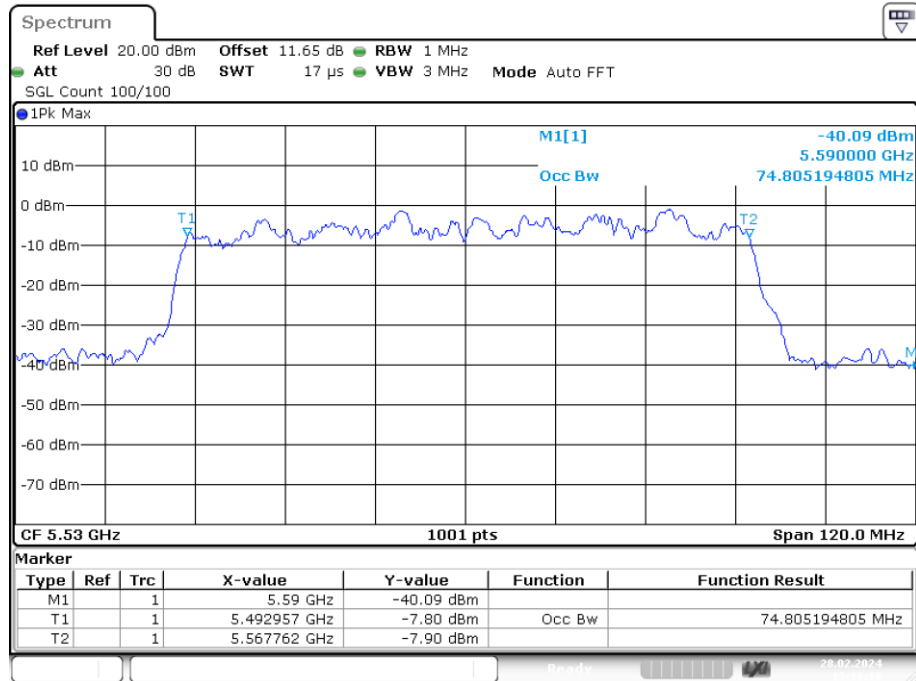
Date: 28.FEB.2024 14:55:27

OBW NVNT ac40 5670MHz Ant A



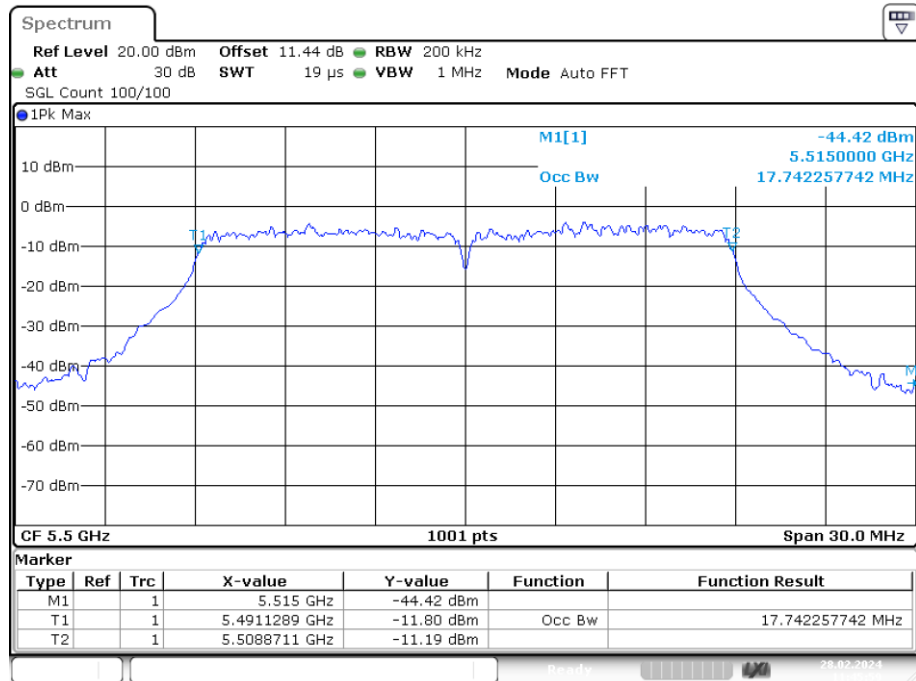
Date: 28.FEB.2024 15:01:51

OBW NVNT ac80 5530MHz Ant A



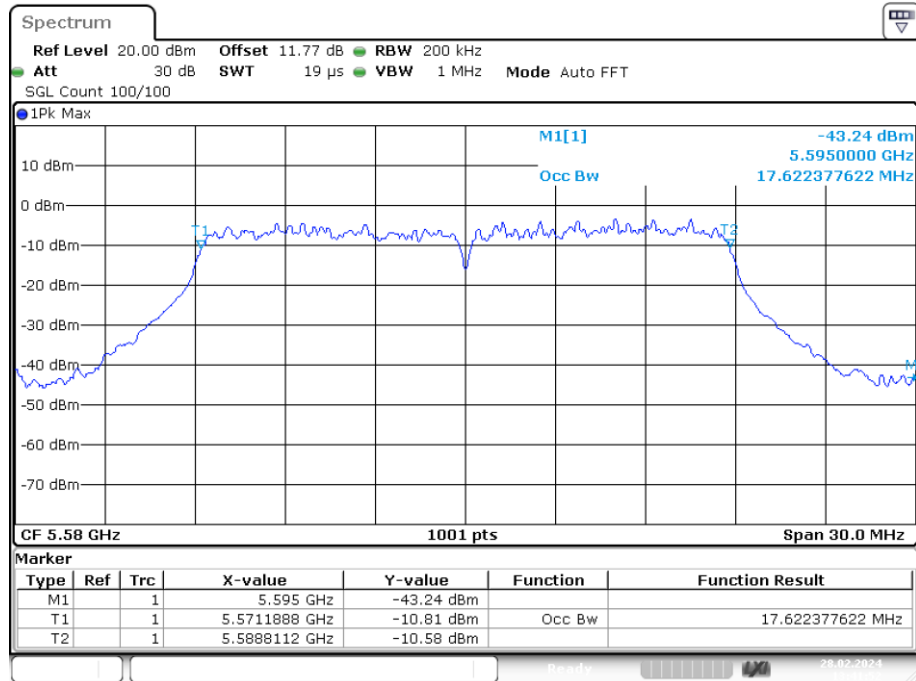
Date: 28.FEB.2024 15:18:18

OBW NVNT n20 5500MHz Ant A



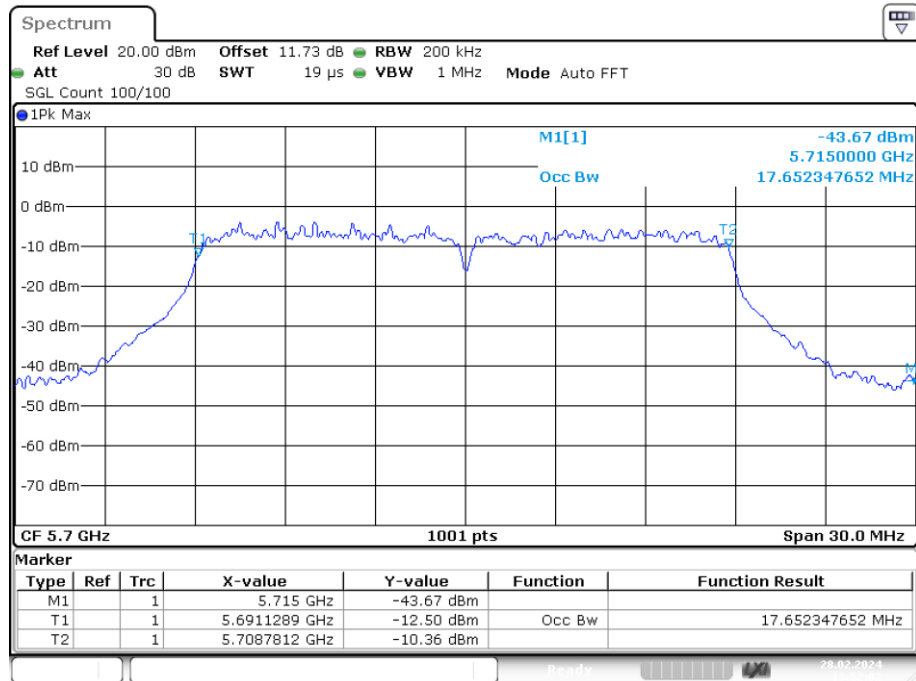
Date: 28.FEB.2024 11:45:59

OBW NVNT n20 5580MHz Ant A



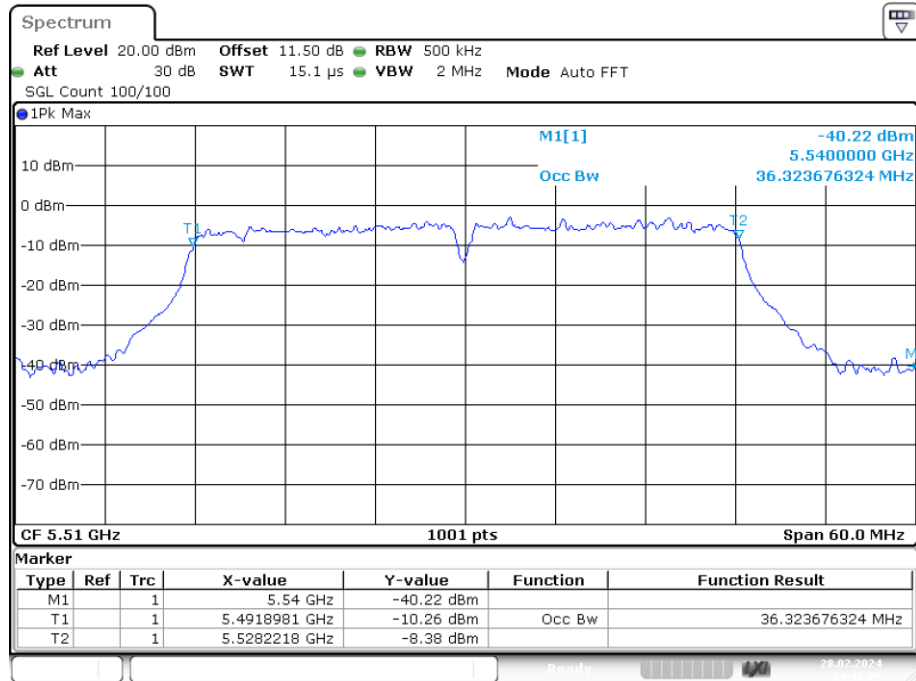
Date: 28.FEB.2024 13:41:52

OBW NVNT n20 5700MHz Ant A



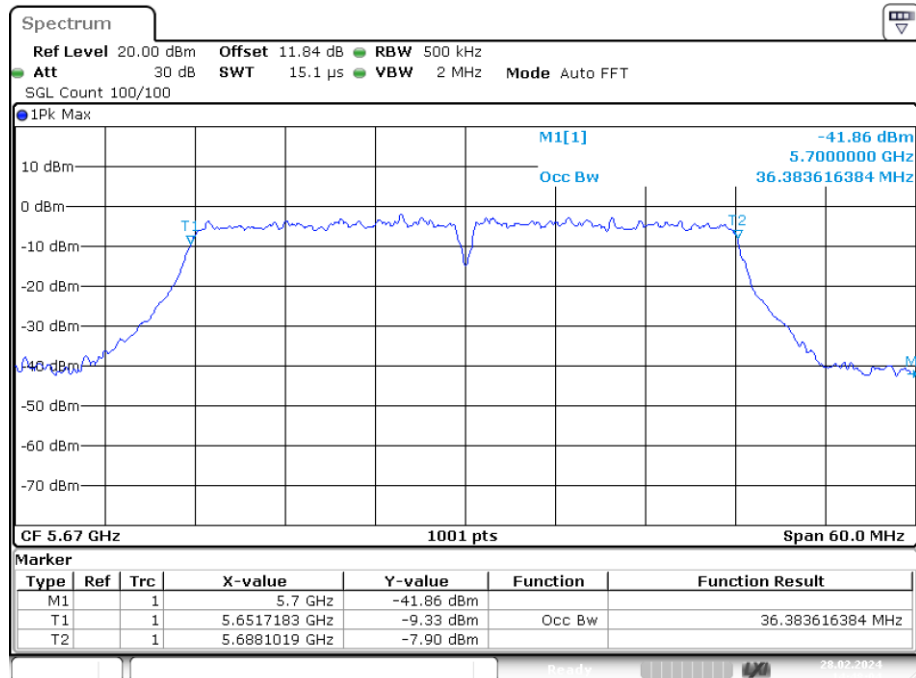
Date: 28.FEB.2024 13:52:02

OBW NVNT n40 5510MHz Ant A



Date: 28.FEB.2024 14:41:00

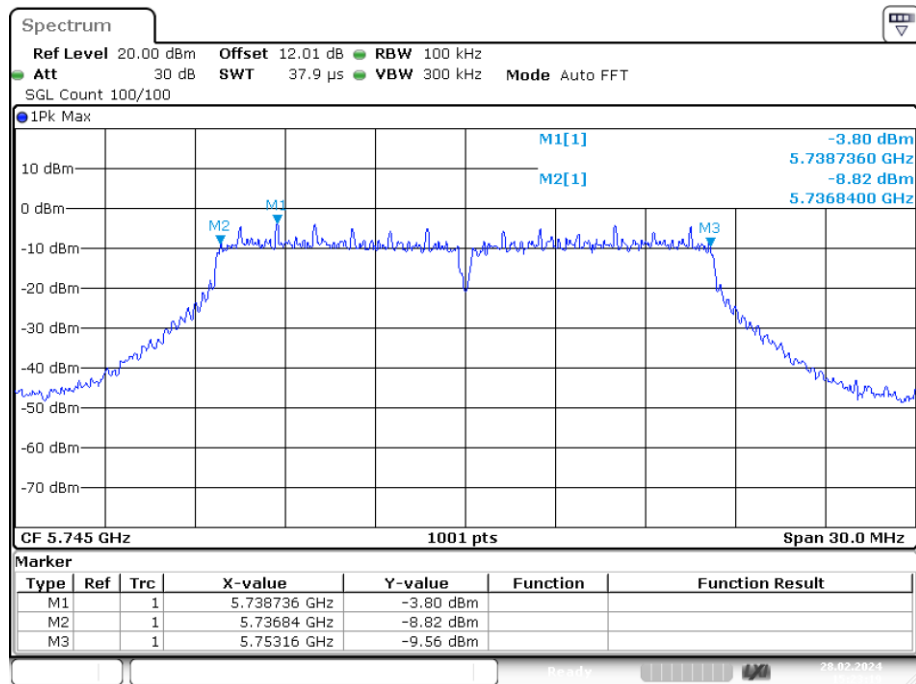
OBW NVNT n40 5670MHz Ant A



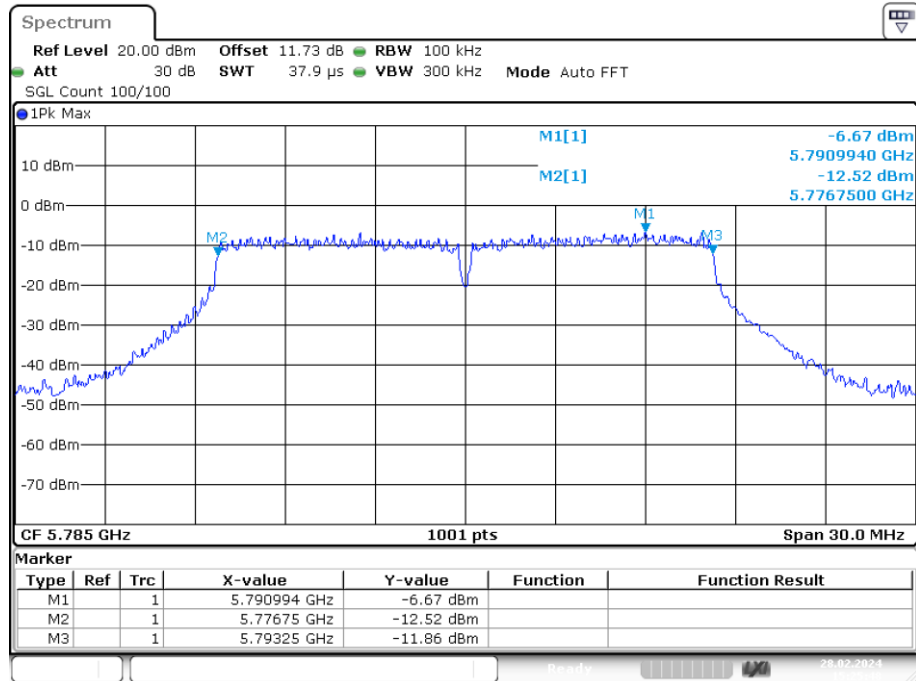
Date: 28.FEB.2024 14:48:04

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

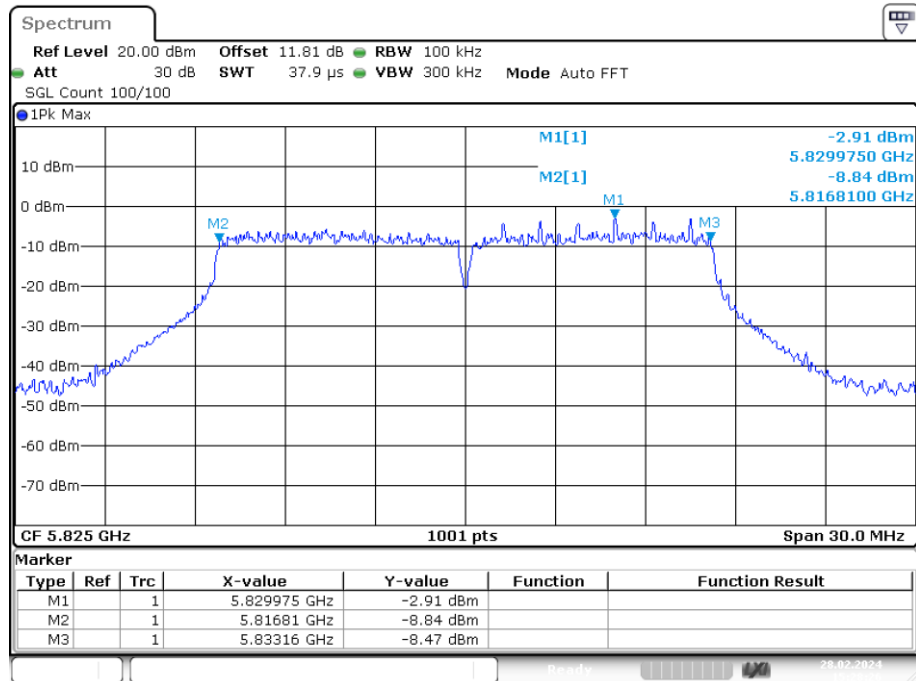
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant A	16.32	0.5	Pass
NVNT	a	5785	Ant A	16.5	0.5	Pass
NVNT	a	5825	Ant A	16.35	0.5	Pass
NVNT	ac20	5745	Ant A	17.61	0.5	Pass
NVNT	ac20	5785	Ant A	17.7	0.5	Pass
NVNT	ac20	5825	Ant A	17.79	0.5	Pass
NVNT	ac40	5755	Ant A	36.36	0.5	Pass
NVNT	ac40	5795	Ant A	35.94	0.5	Pass
NVNT	ac80	5775	Ant A	74.16	0.5	Pass
NVNT	n20	5745	Ant A	17.55	0.5	Pass
NVNT	n20	5785	Ant A	17.52	0.5	Pass
NVNT	n20	5825	Ant A	17.61	0.5	Pass
NVNT	n40	5755	Ant A	36.3	0.5	Pass
NVNT	n40	5795	Ant A	36.12	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant A

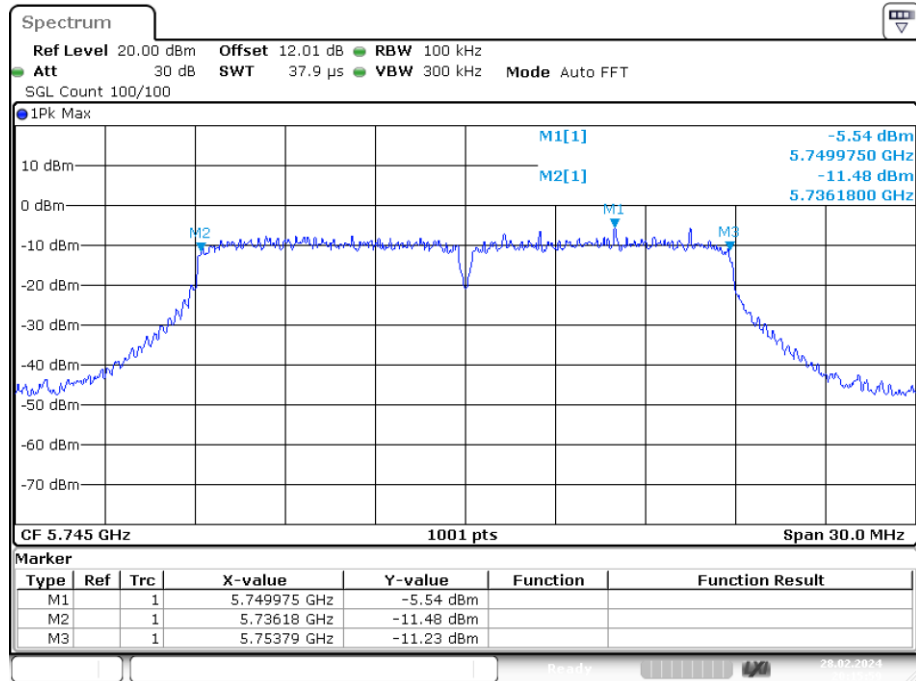
Date: 28.FEB.2024 15:23:19

-6dB Bandwidth NVNT a 5785MHz Ant A

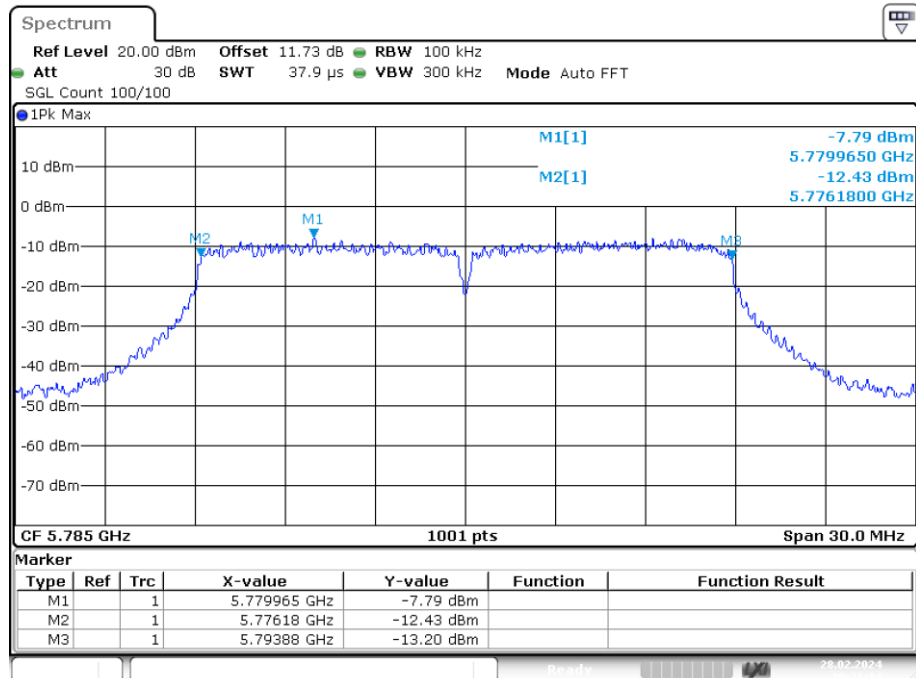
Date: 28.FEB.2024 15:25:47

-6dB Bandwidth NVNT a 5825MHz Ant A

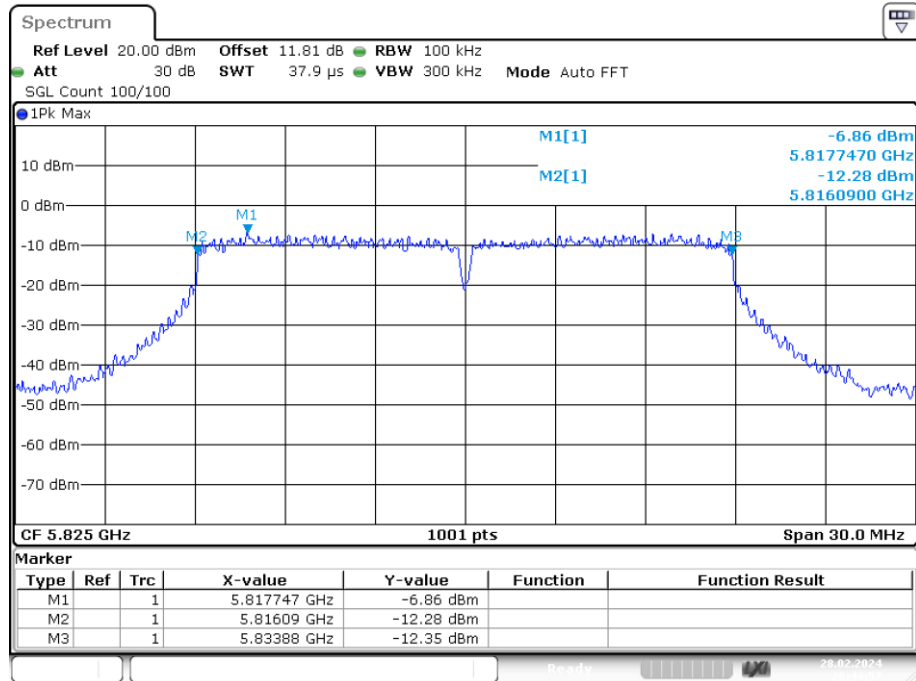
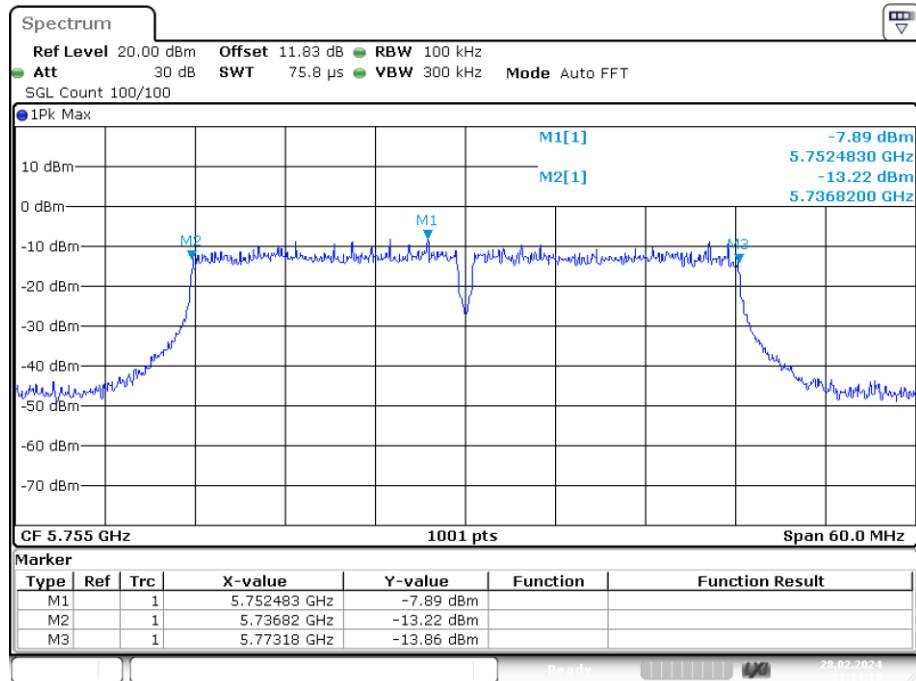
Date: 28.FEB.2024 15:28:26

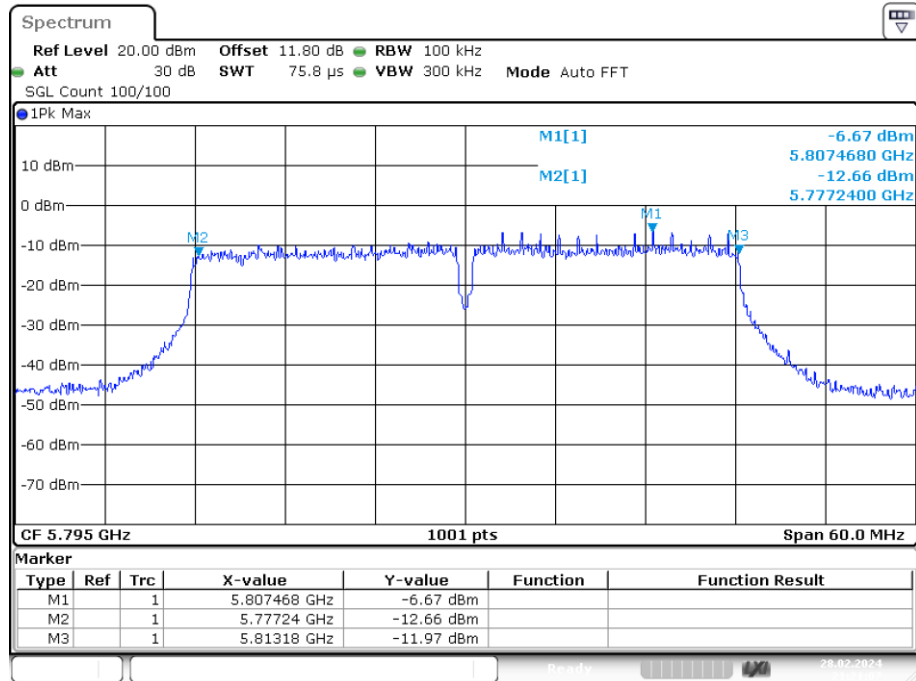
-6dB Bandwidth NVNT ac20 5745MHz Ant A

Date: 28.FEB.2024 20:15:58

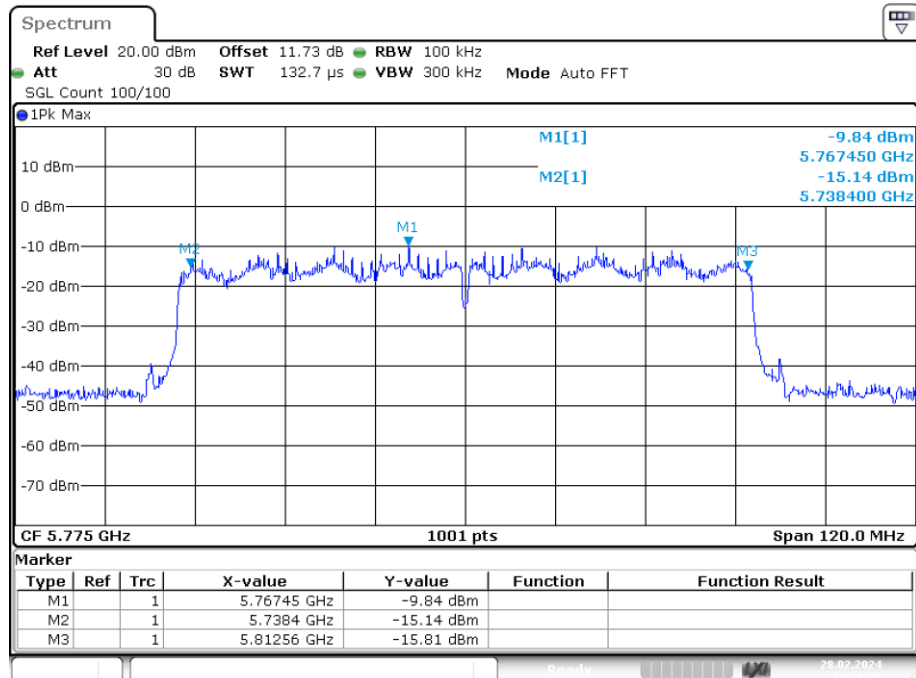
-6dB Bandwidth NVNT ac20 5785MHz Ant A

Date: 28.FEB.2024 20:21:14

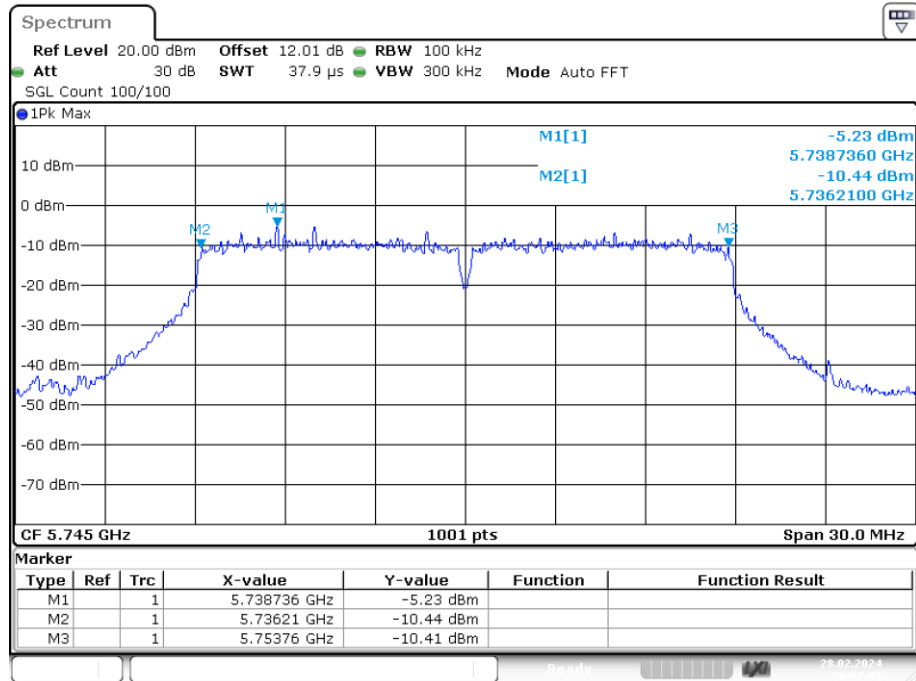
-6dB Bandwidth NVNT ac20 5825MHz Ant A**-6dB Bandwidth NVNT ac40 5755MHz Ant A**

-6dB Bandwidth NVNT ac40 5795MHz Ant A

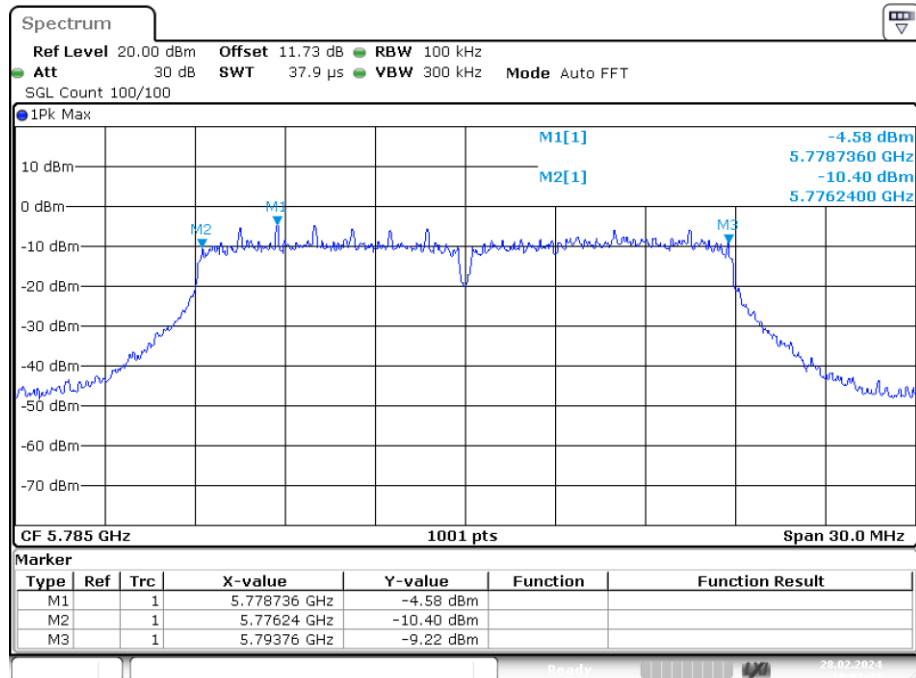
Date: 28.FEB.2024 21:21:07

-6dB Bandwidth NVNT ac80 5775MHz Ant A

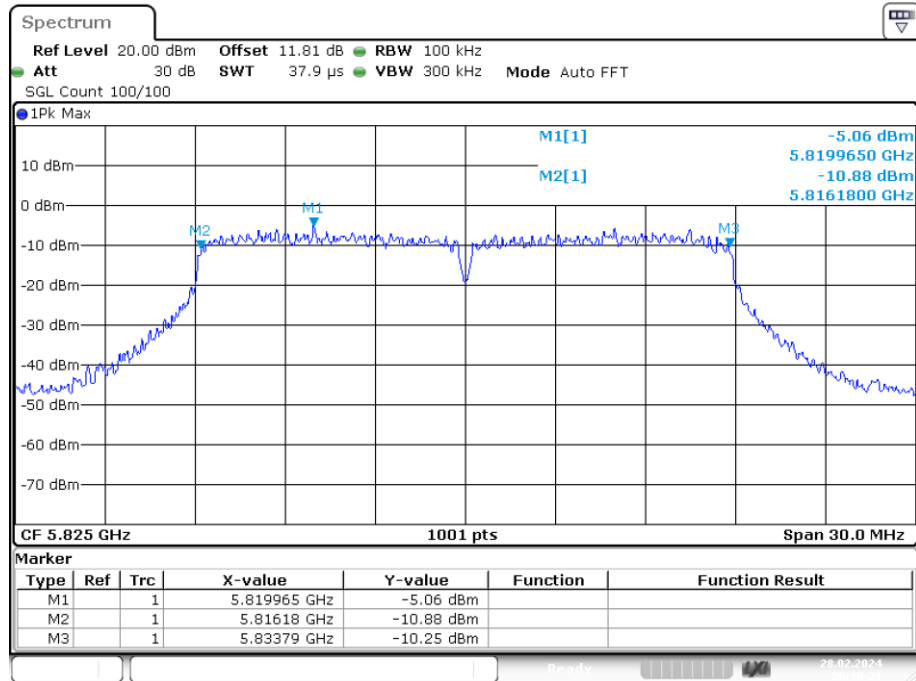
Date: 28.FEB.2024 21:26:35

-6dB Bandwidth NVNT n20 5745MHz Ant A

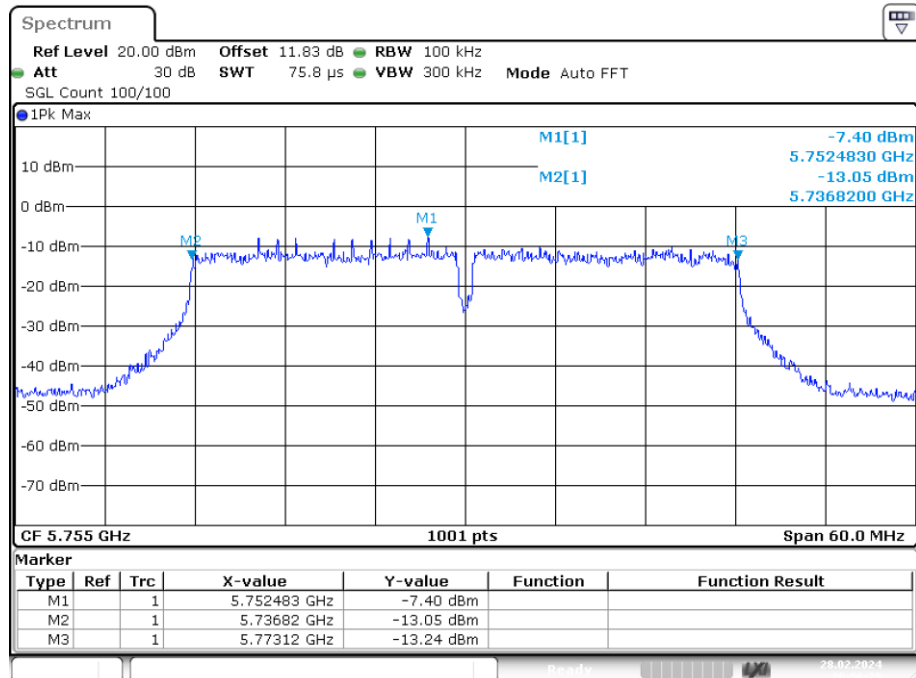
Date: 28.FEB.2024 20:02:01

-6dB Bandwidth NVNT n20 5785MHz Ant A

Date: 28.FEB.2024 20:07:37

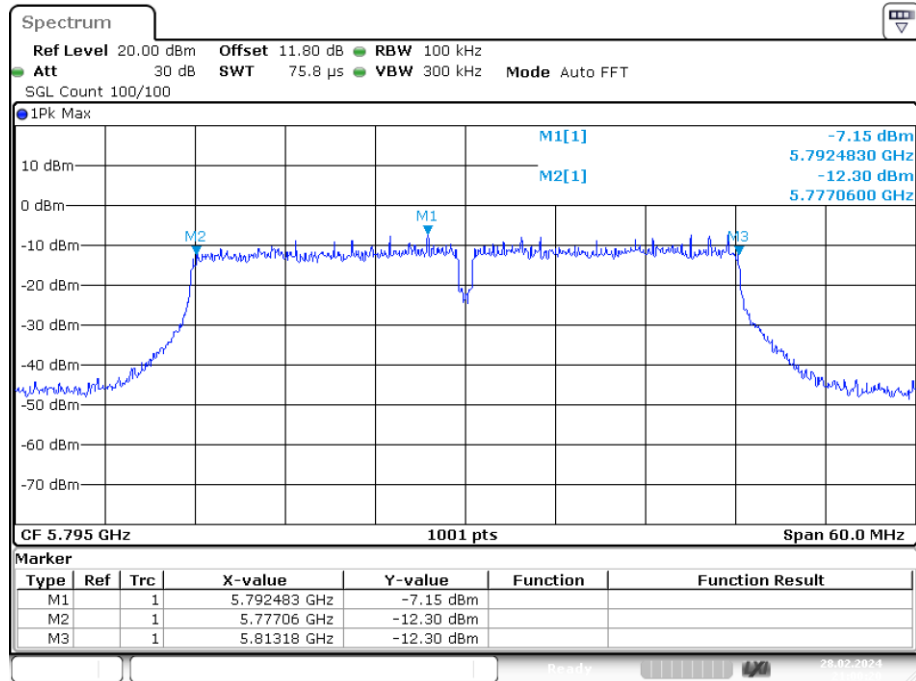
-6dB Bandwidth NVNT n20 5825MHz Ant A

Date: 28.FEB.2024 20:10:20

-6dB Bandwidth NVNT n40 5755MHz Ant A

Date: 28.FEB.2024 20:56:25

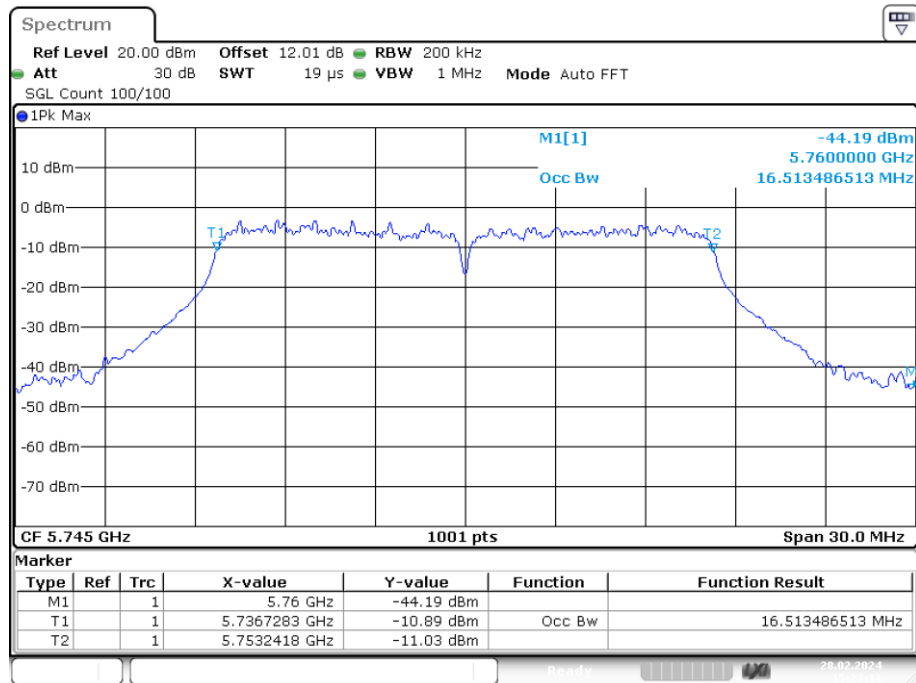
-6dB Bandwidth NVNT n40 5795MHz Ant A



Occupied Channel Bandwidth

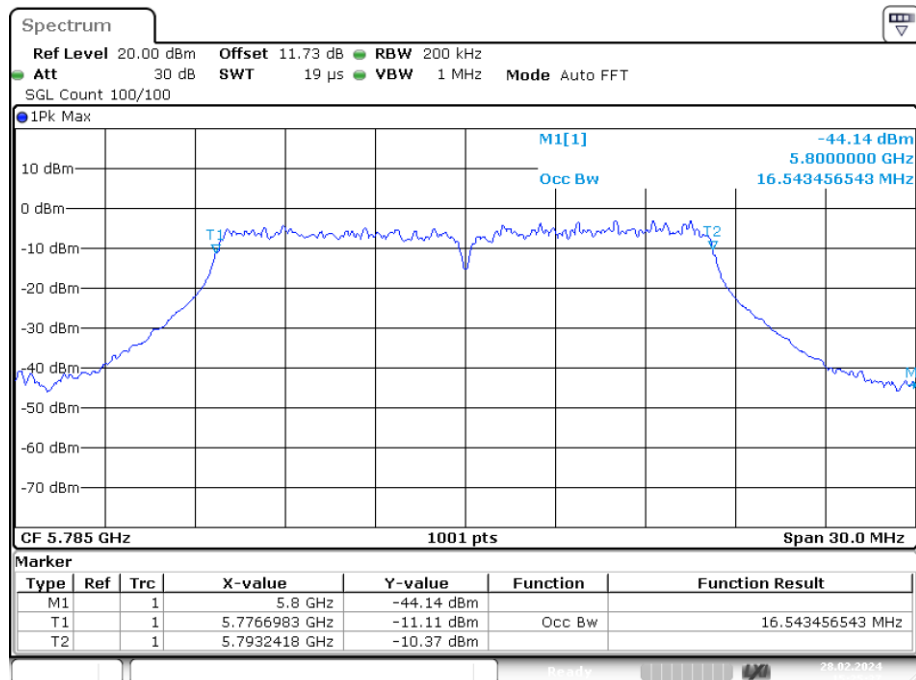
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant A	16.513
NVNT	a	5785	Ant A	16.543
NVNT	a	5825	Ant A	16.484
NVNT	ac20	5745	Ant A	17.622
NVNT	ac20	5785	Ant A	17.652
NVNT	ac20	5825	Ant A	17.742
NVNT	ac40	5755	Ant A	36.683
NVNT	ac40	5795	Ant A	36.503
NVNT	ac80	5775	Ant A	75.165
NVNT	n20	5745	Ant A	17.712
NVNT	n20	5785	Ant A	17.682
NVNT	n20	5825	Ant A	17.652
NVNT	n40	5755	Ant A	36.803
NVNT	n40	5795	Ant A	36.503

OBW NVNT a 5745MHz Ant A



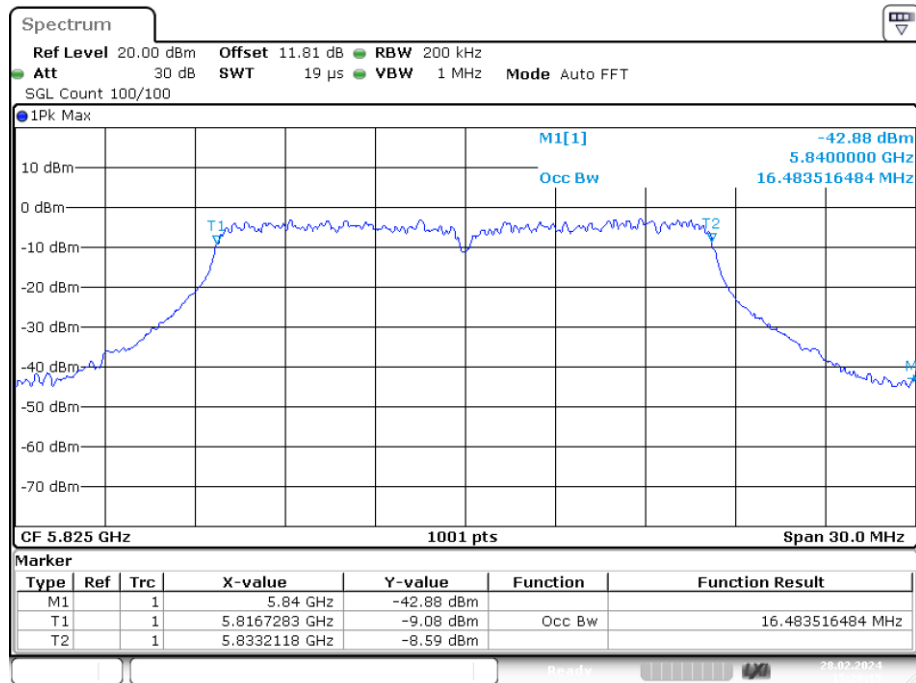
Date: 28.FEB.2024 15:23:10

OBW NVNT a 5785MHz Ant A



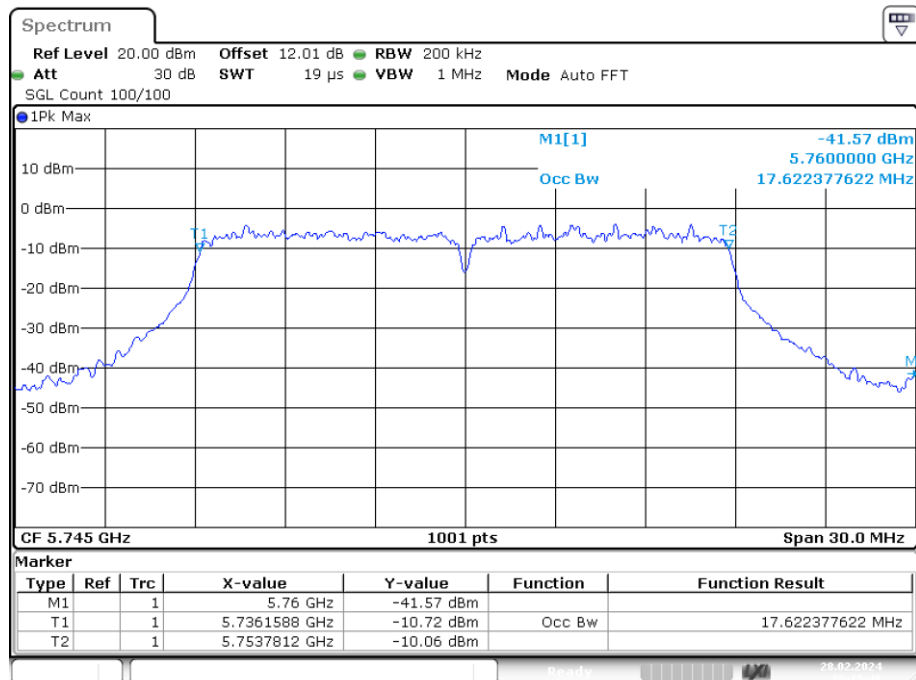
Date: 28.FEB.2024 15:25:36

OBW NVNT a 5825MHz Ant A



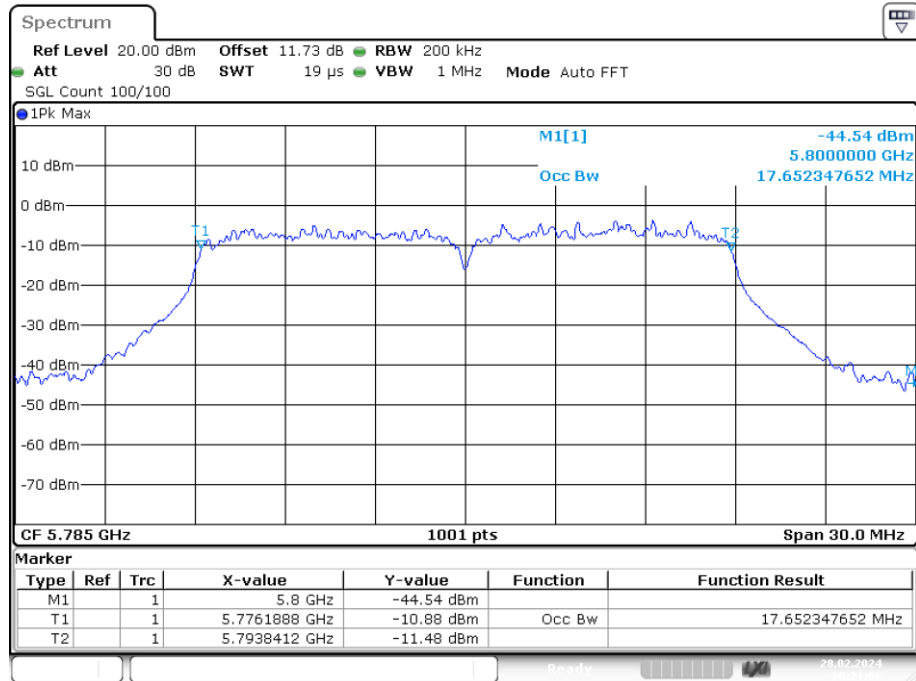
Date: 28.FEB.2024 15:28:14

OBW NVNT ac20 5745MHz Ant A



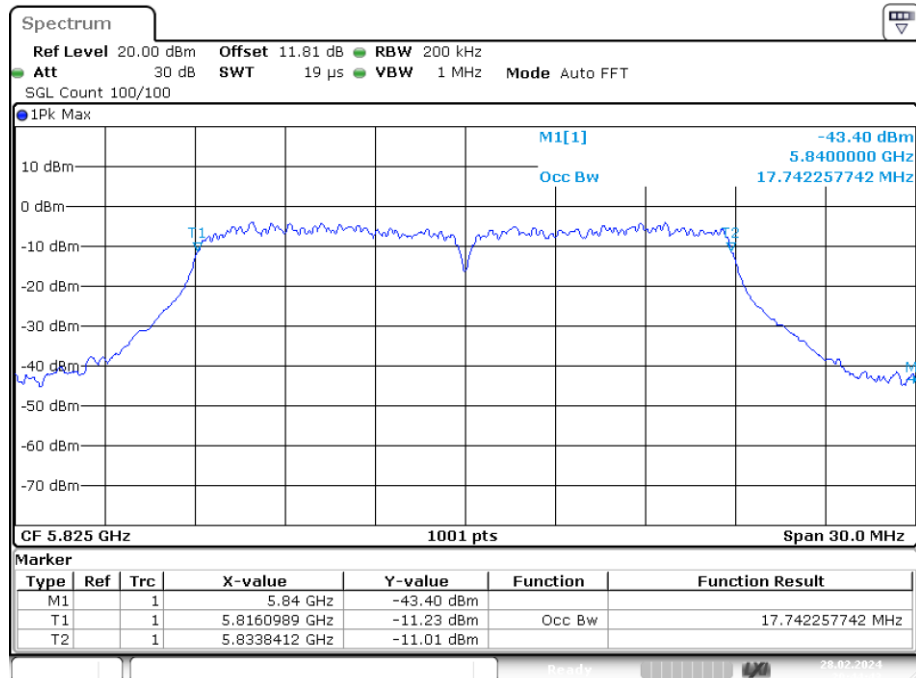
Date: 28.FEB.2024 20:15:45

OBW NVNT ac20 5785MHz Ant A



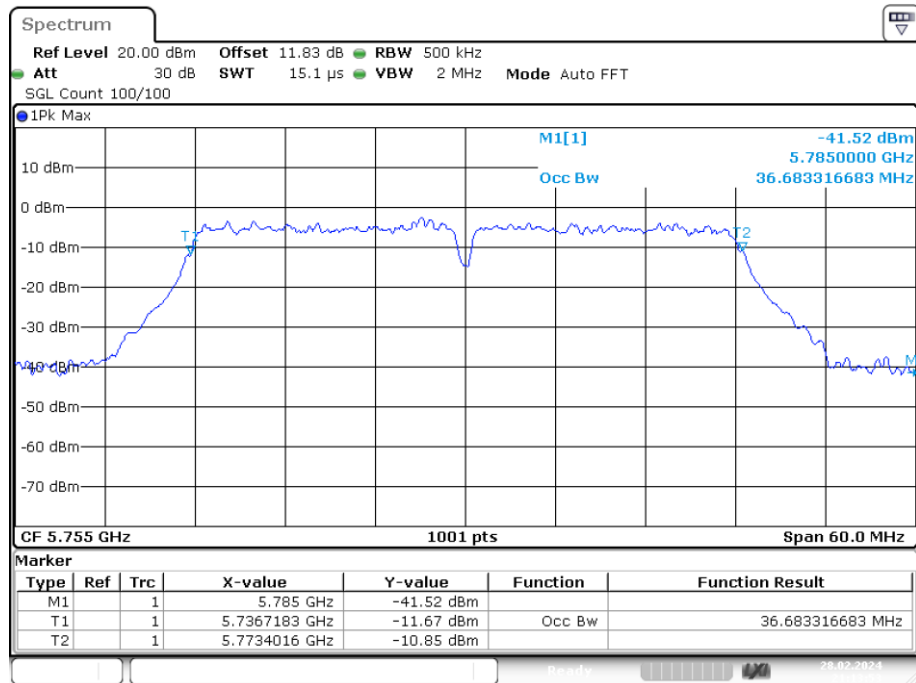
Date: 28.FEB.2024 20:21:00

OBW NVNT ac20 5825MHz Ant A



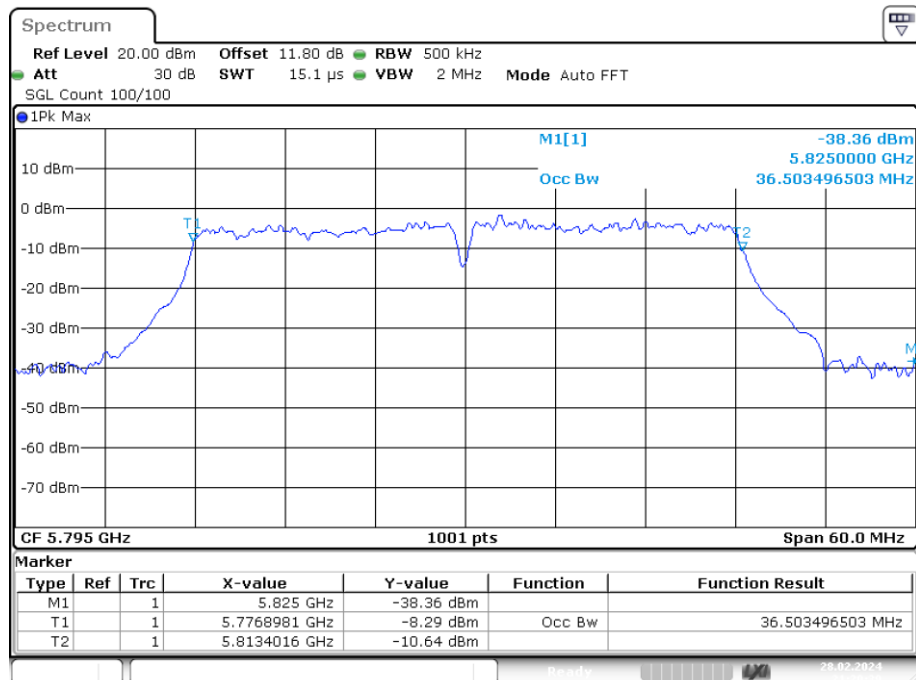
Date: 28.FEB.2024 20:44:43

OBW NVNT ac40 5755MHz Ant A



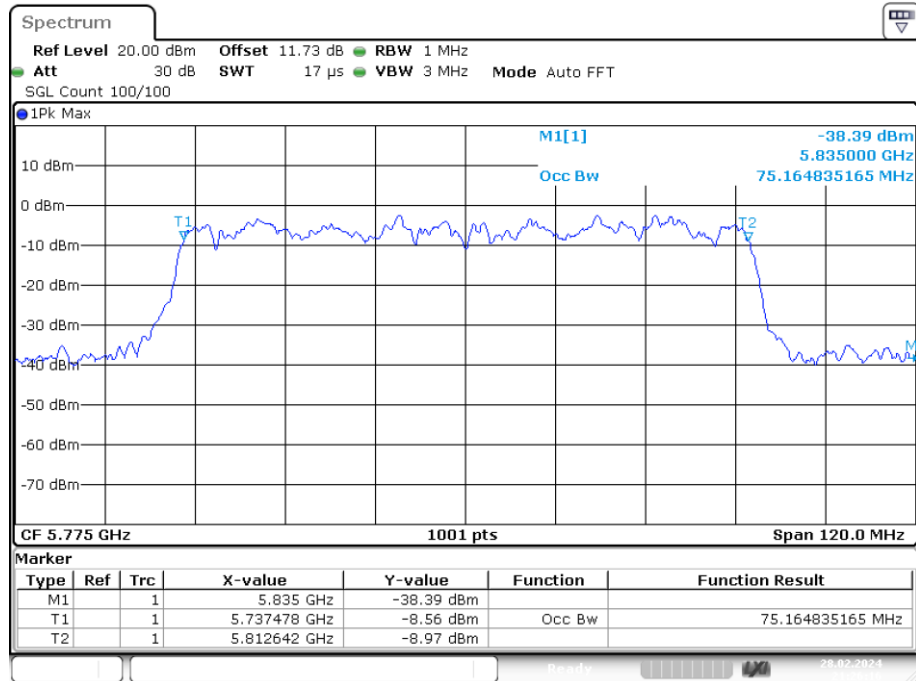
Date: 28.FEB.2024 21:13:52

OBW NVNT ac40 5795MHz Ant A



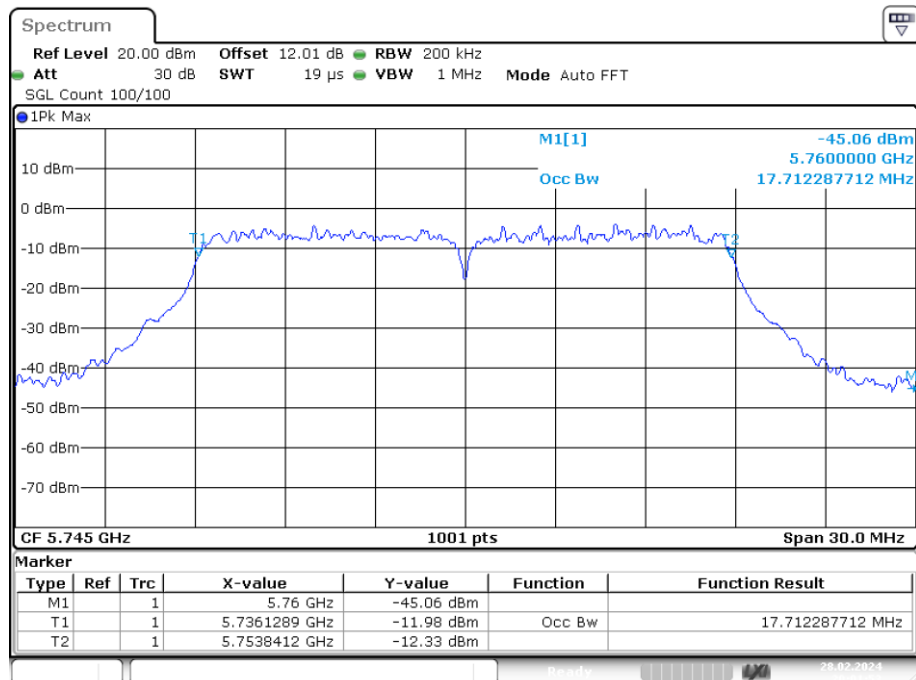
Date: 28.FEB.2024 21:20:38

OBW NVNT ac80 5775MHz Ant A



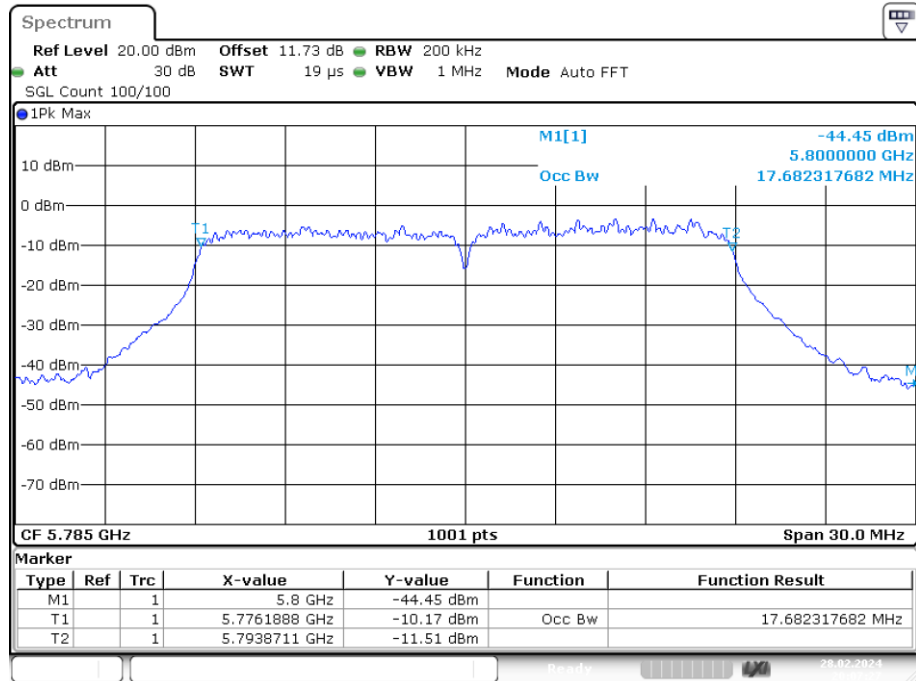
Date: 28.FEB.2024 21:26:16

OBW NVNT n20 5745MHz Ant A



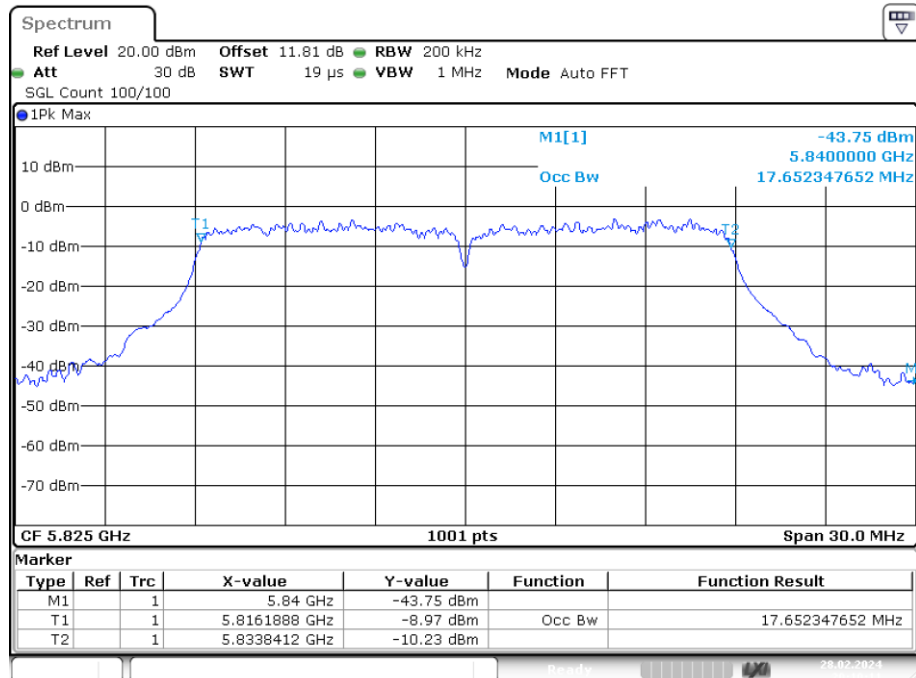
Date: 28.FEB.2024 20:01:53

OBW NVNT n20 5785MHz Ant A



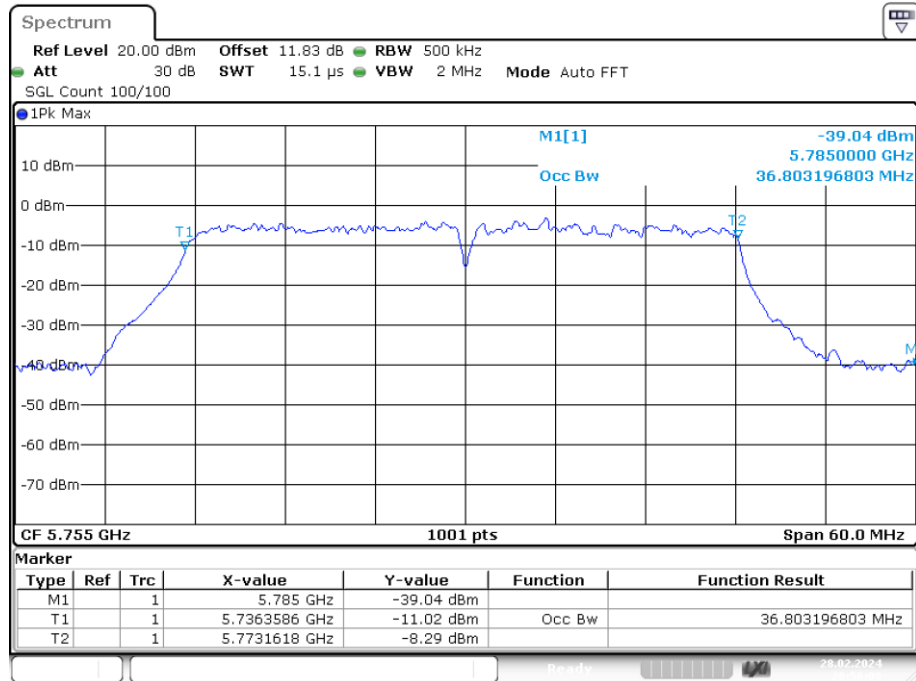
Date: 28.FEB.2024 20:07:27

OBW NVNT n20 5825MHz Ant A

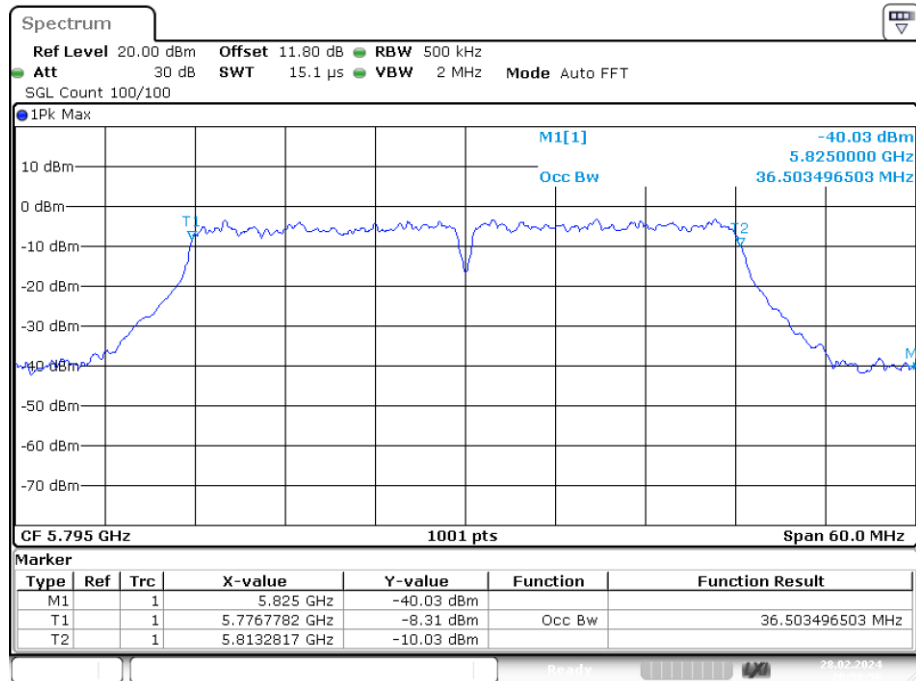


Date: 28.FEB.2024 20:10:10

OBW NVNT n40 5755MHz Ant A

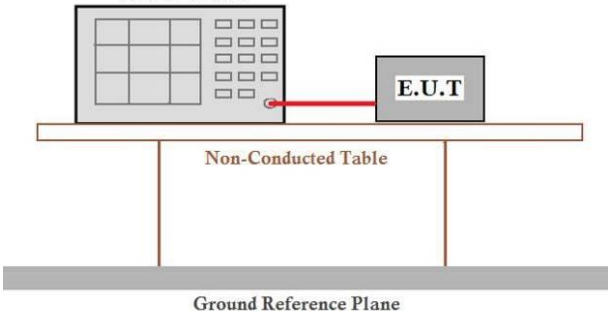


OBW NVNT n40 5795MHz Ant A



. Note: 1.All antennas have been tested, only the worst data of each pattern is reflected.

4.4 Peak Transmit Power

Test Requirement:	FCC Part15 E Section 15.407																		
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01																		
Limit:	FCC: For the band 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725GHz, The maximum conducted output power over the frequency bands of operation shall not exceed 250mW. For the band 5.725-5.85GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 1W. IC: <table><thead><tr><th>Section.</th><th>Test Item.</th><th>Limit.</th><th>FrequencyRange. (MHz).</th><th>Result.</th></tr></thead><tbody><tr><td>6.2.1.1.</td><td rowspan="4">Peak Output Power.</td><td>200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.</td><td>5150-5250.</td><td rowspan="4">PASS.</td></tr><tr><td>6.2.2.1.</td><td rowspan="2">The lesser of 250 mW or $11 \text{ dBm} + 10 \log$ (26 dB emission bandwidth).</td><td>5250-5350.</td></tr><tr><td>6.2.3.1.</td><td>5470-5725.</td></tr><tr><td>6.2.4.1.</td><td>1 watt.</td><td>5725-5825.</td></tr></tbody></table>	Section.	Test Item.	Limit.	FrequencyRange. (MHz).	Result.	6.2.1.1.	Peak Output Power.	200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.	5150-5250.	PASS.	6.2.2.1.	The lesser of 250 mW or $11 \text{ dBm} + 10 \log$ (26 dB emission bandwidth).	5250-5350.	6.2.3.1.	5470-5725.	6.2.4.1.	1 watt.	5725-5825.
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6.2.1.1.	Peak Output Power.	200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz.	5150-5250.	PASS.															
6.2.2.1.		The lesser of 250 mW or $11 \text{ dBm} + 10 \log$ (26 dB emission bandwidth).	5250-5350.																
6.2.3.1.			5470-5725.																
6.2.4.1.		1 watt.	5725-5825.																
Test setup:	Power Meter  Non-Conducted Table Ground Reference Plane																		
Test procedure:	Measurement using an RF average power meter (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five. (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B). (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter. (iv) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle (e.g., $10 \log(1/0.25)$ if the duty cycle is 25 percent).																		
Test Instruments:	Refer to section 5.10 for details																		
Test mode:	Refer to section 5.3 for details																		
Test results:	Pass																		

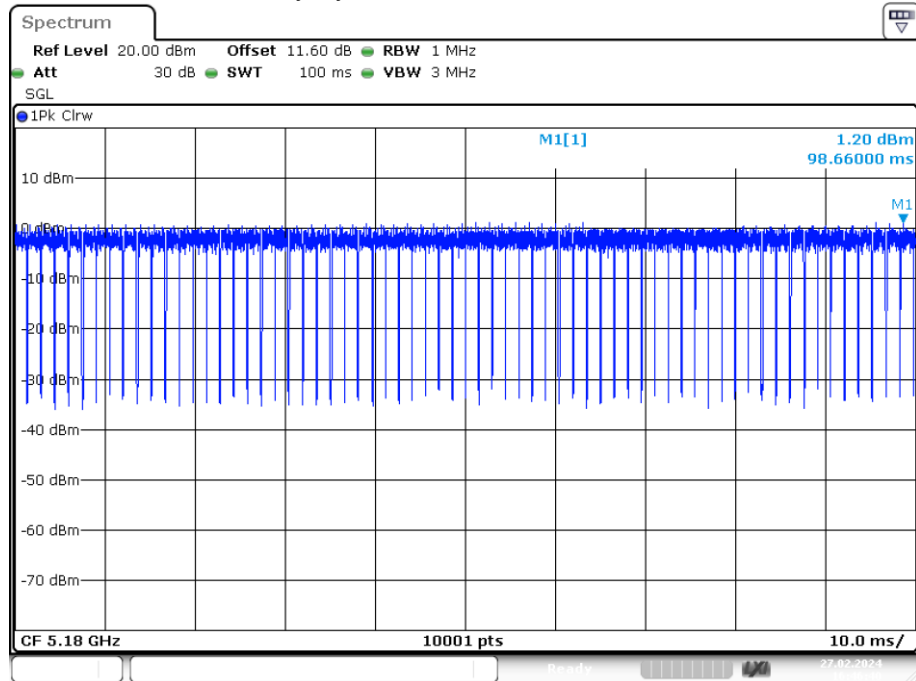
Measurement Data**Band 1 (5150-5250 MHz)**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant A	9.944	14.944	24	Pass
NVNT	a	5200	Ant A	9.301	14.301	24	Pass
NVNT	a	5240	Ant A	10.26	15.26	24	Pass
NVNT	ac20	5180	Ant A	9.667	14.667	24	Pass
NVNT	ac20	5200	Ant A	9.159	14.159	24	Pass
NVNT	ac20	5240	Ant A	9.351	14.351	24	Pass
NVNT	ac40	5190	Ant A	9.79	14.79	24	Pass
NVNT	ac40	5230	Ant A	8.91	13.91	24	Pass
NVNT	ac80	5210	Ant A	9.751	14.751	24	Pass
NVNT	n20	5180	Ant A	9.641	14.641	24	Pass
NVNT	n20	5200	Ant A	9.077	14.077	24	Pass
NVNT	n20	5240	Ant A	10.635	15.635	24	Pass
NVNT	n40	5190	Ant A	10.568	15.568	24	Pass
NVNT	n40	5230	Ant A	11.66	16.66	24	Pass

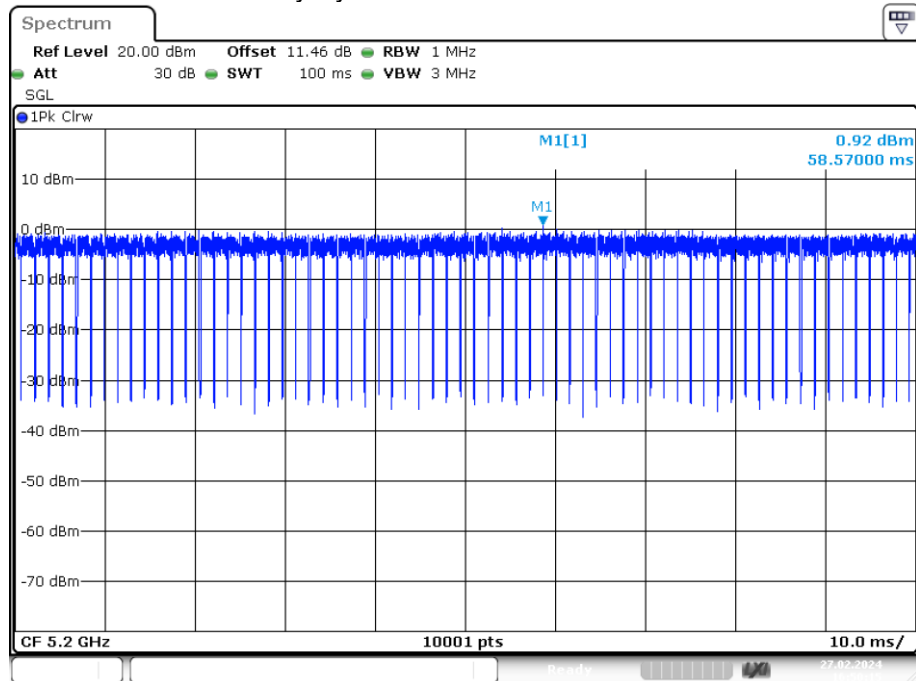
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)
NVNT	a	5180	Ant A	93.66
NVNT	a	5200	Ant A	93.58
NVNT	a	5240	Ant A	93.62
NVNT	ac20	5180	Ant A	93.85
NVNT	ac20	5200	Ant A	93.78
NVNT	ac20	5240	Ant A	93.61
NVNT	ac40	5190	Ant A	86.96
NVNT	ac40	5230	Ant A	86.53
NVNT	ac80	5210	Ant A	100
NVNT	n20	5180	Ant A	93.77
NVNT	n20	5200	Ant A	93.35
NVNT	n20	5240	Ant A	93.47
NVNT	n40	5190	Ant A	79.16
NVNT	n40	5230	Ant A	59.76

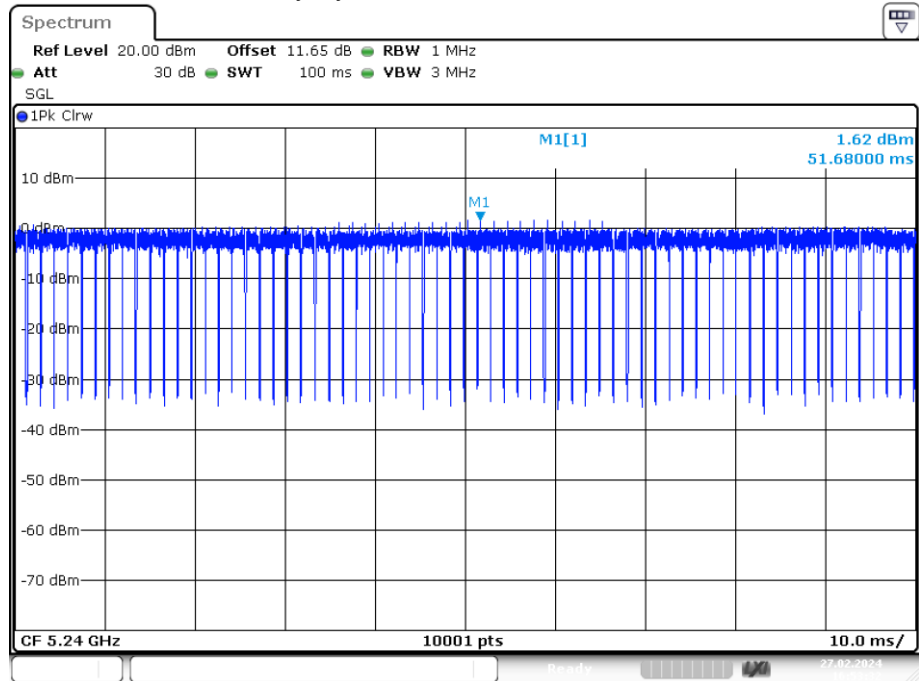
Duty Cycle NVNT a 5180MHz Ant A



Duty Cycle NVNT a 5200MHz Ant A

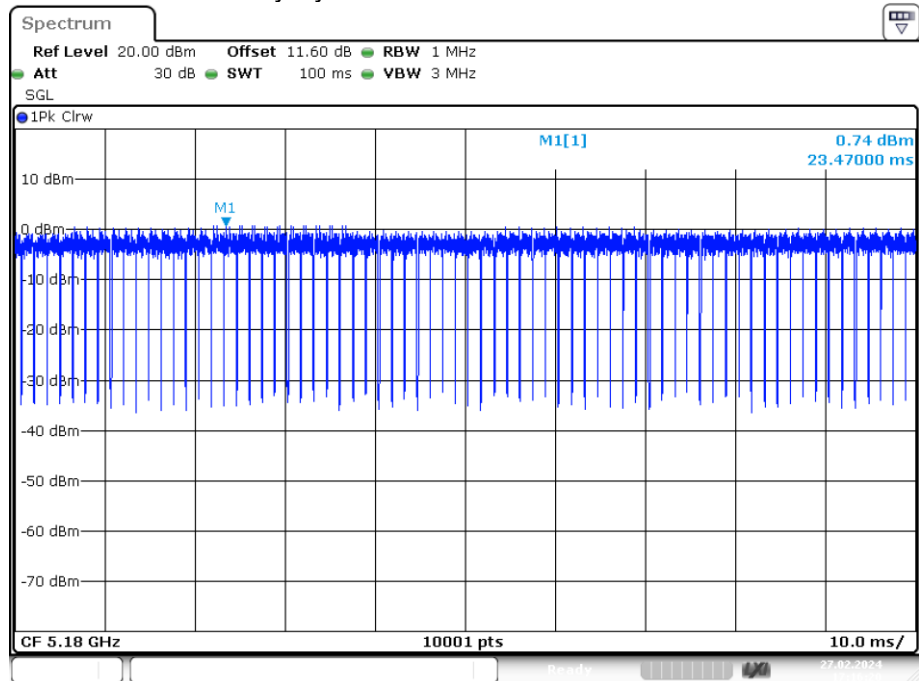


Duty Cycle NVNT a 5240MHz Ant A



Date: 27.FEB.2024 16:53:32

Duty Cycle NVNT ac20 5180MHz Ant A



Date: 27.FEB.2024 17:16:20