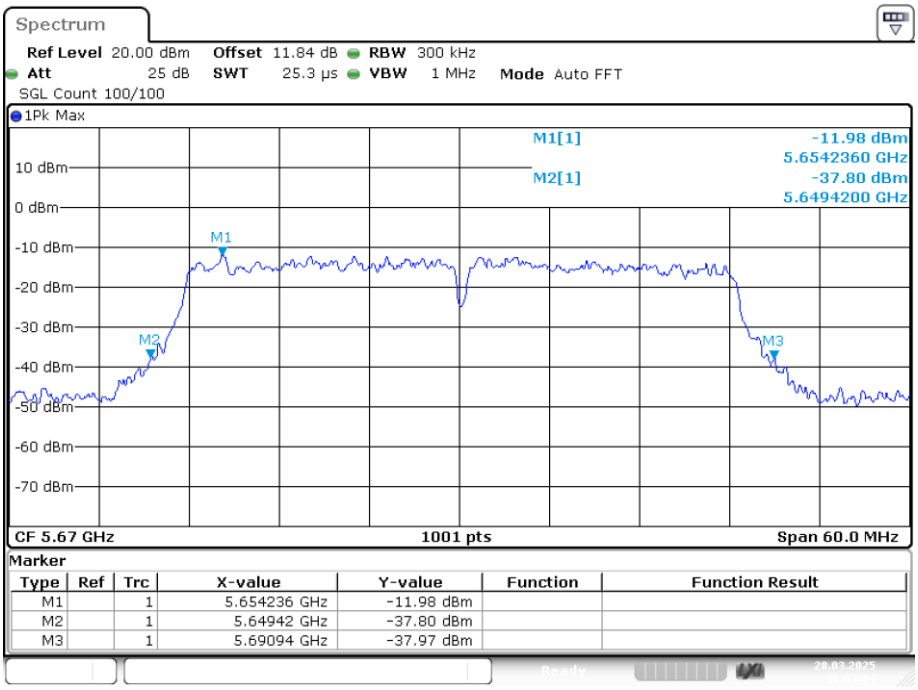
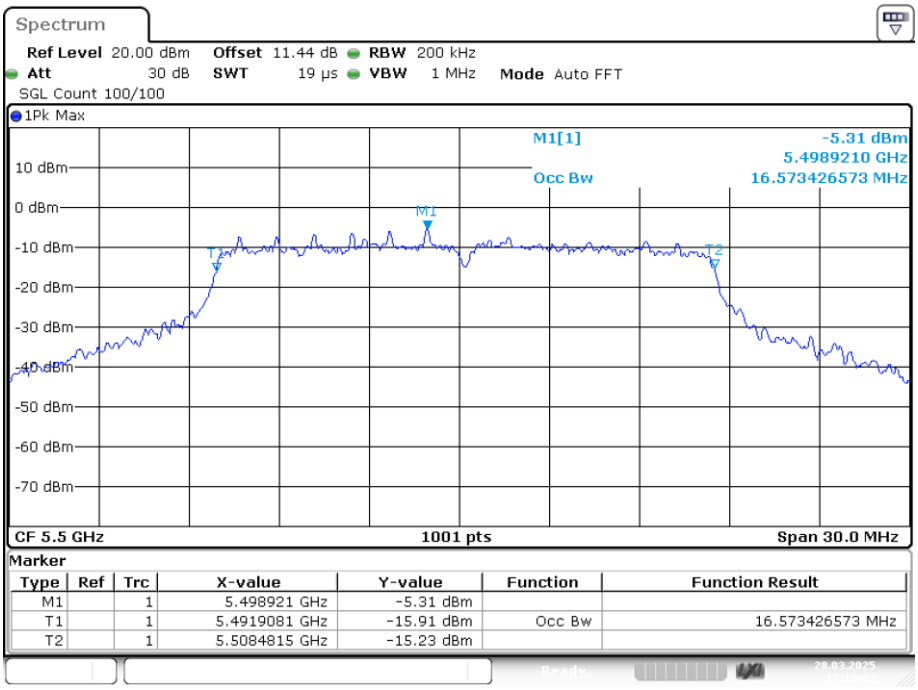


Occupied Channel Bandwidth

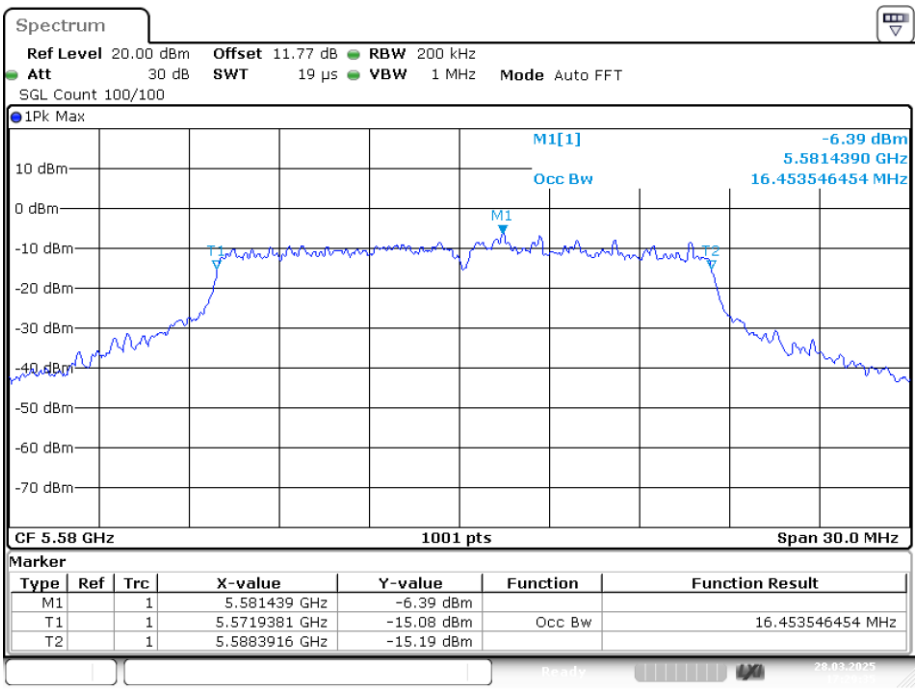
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.573
NVNT	a	5580	Ant1	16.454
NVNT	a	5700	Ant1	16.723
NVNT	ac20	5500	Ant1	17.802
NVNT	ac20	5580	Ant1	17.802
NVNT	ac20	5700	Ant1	17.832
NVNT	ac40	5510	Ant1	36.324
NVNT	ac40	5670	Ant1	36.264
NVNT	ac80	5530	Ant1	75.644
NVNT	n20	5500	Ant1	17.772
NVNT	n20	5580	Ant1	17.742
NVNT	n20	5700	Ant1	17.742
NVNT	n40	5510	Ant1	36.444
NVNT	n40	5670	Ant1	36.144

OBW NVNT a 5500MHz Ant1



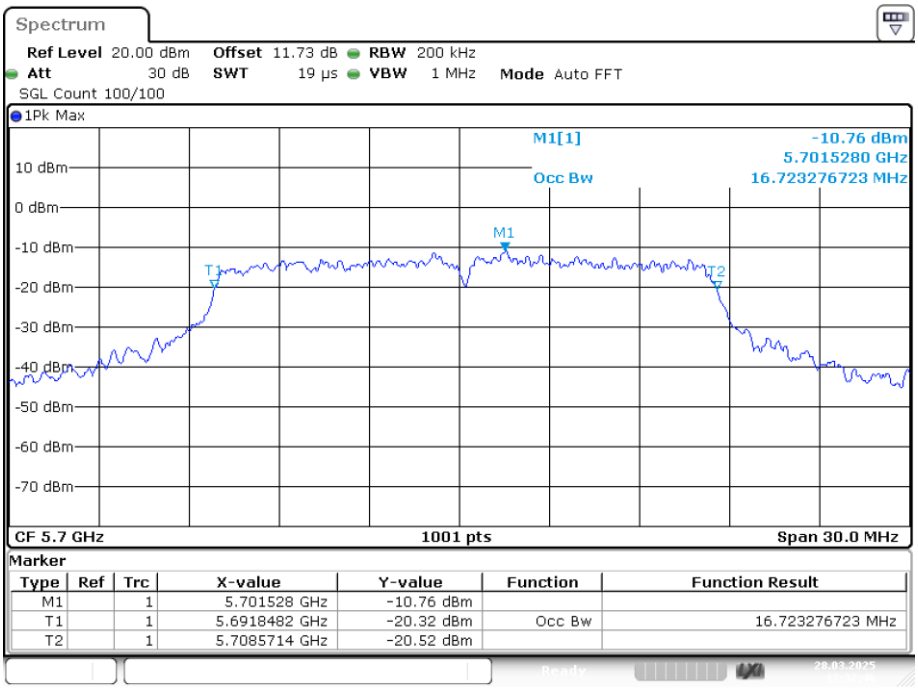
Date: 28.MAR.2025 17:10:02

OBW NVNT a 5580MHz Ant1



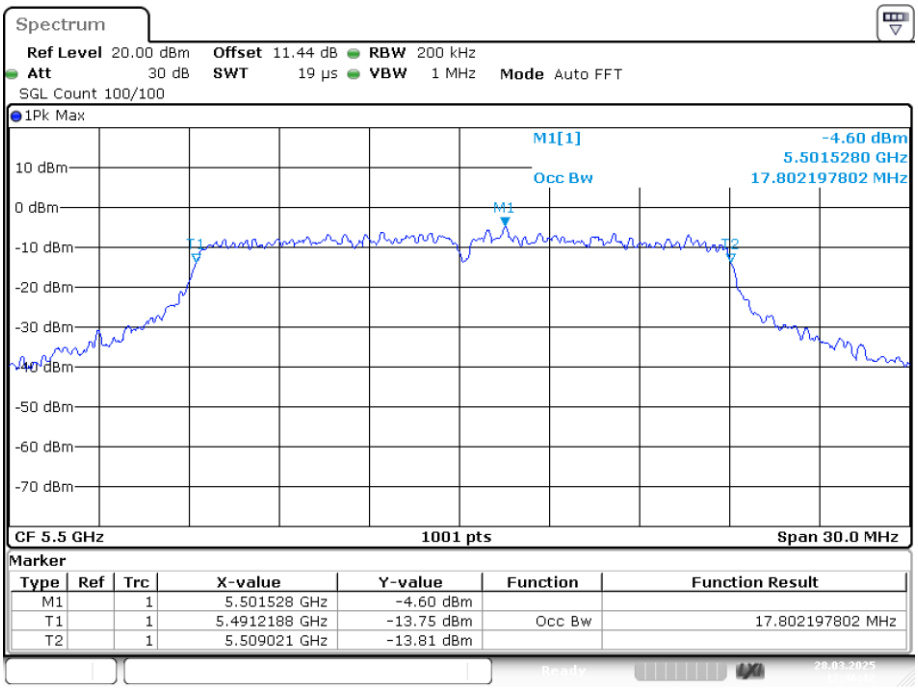
Date: 28.MAR.2025 17:29:35

OBW NVNT a 5700MHz Ant1



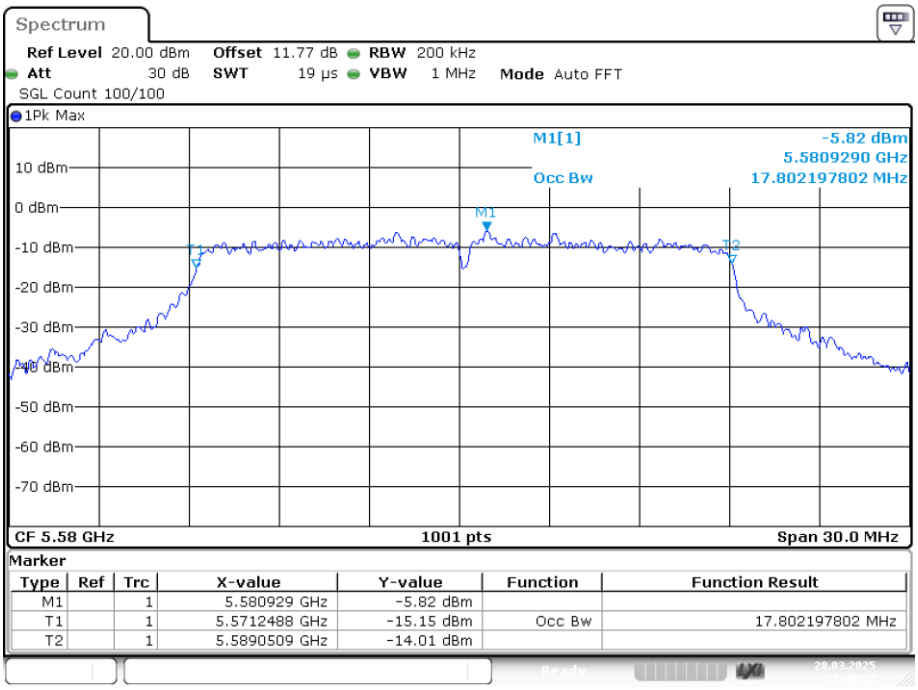
Date: 28.MAR.2025 17:32:46

OBW NVNT ac20 5500MHz Ant1

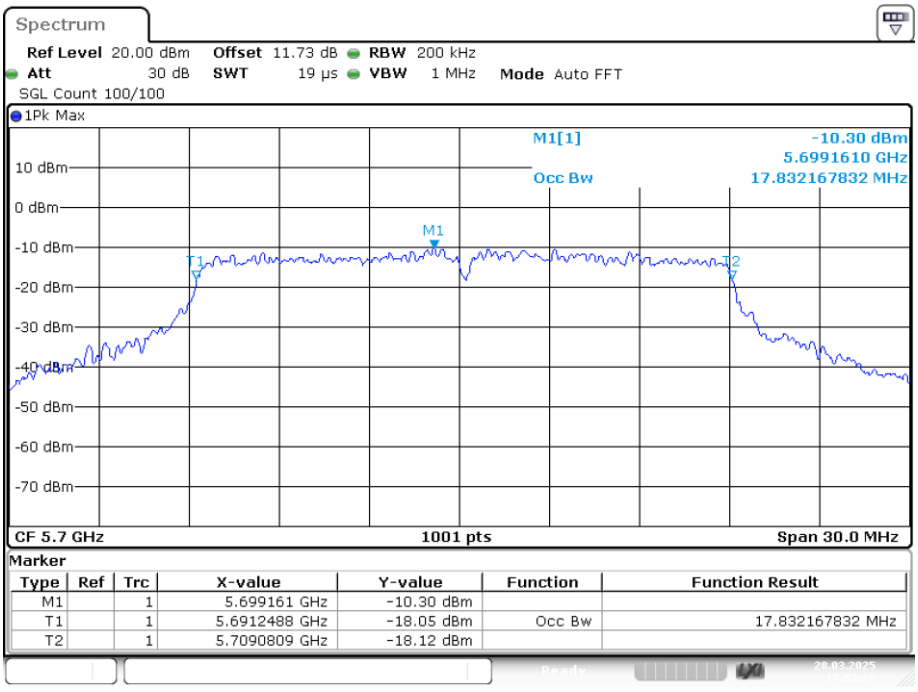


Date: 28.MAR.2025 17:46:12

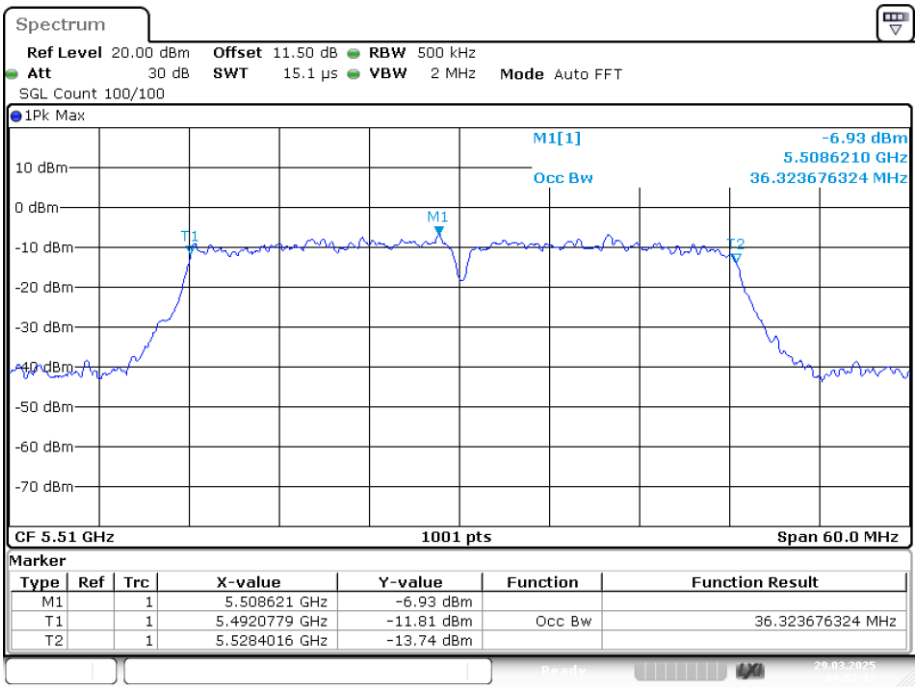
OBW NVNT ac20 5580MHz Ant1



OBW NVNT ac20 5700MHz Ant1

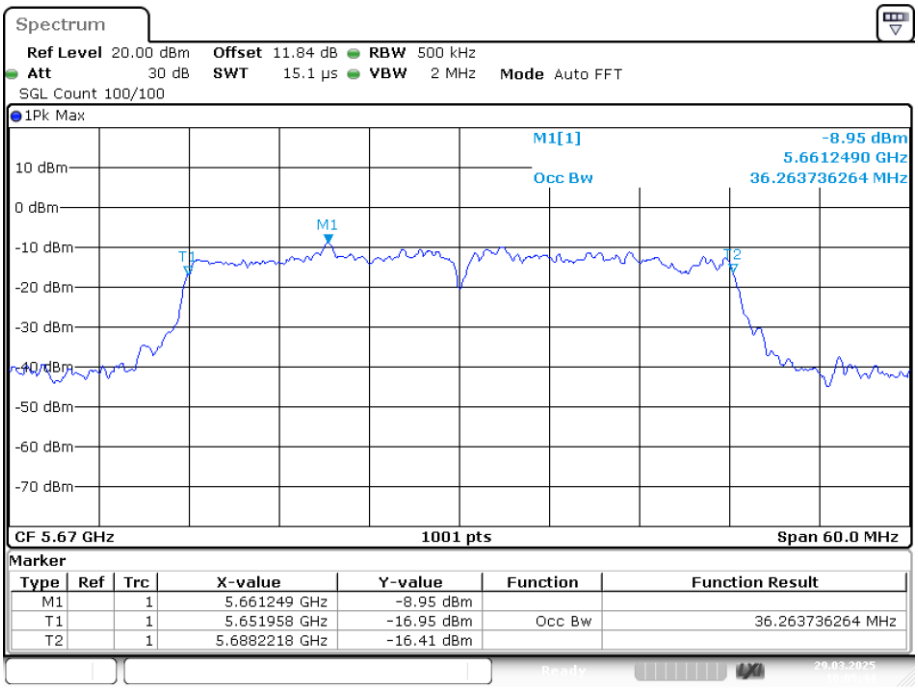


OBW NVNT ac40 5510MHz Ant1



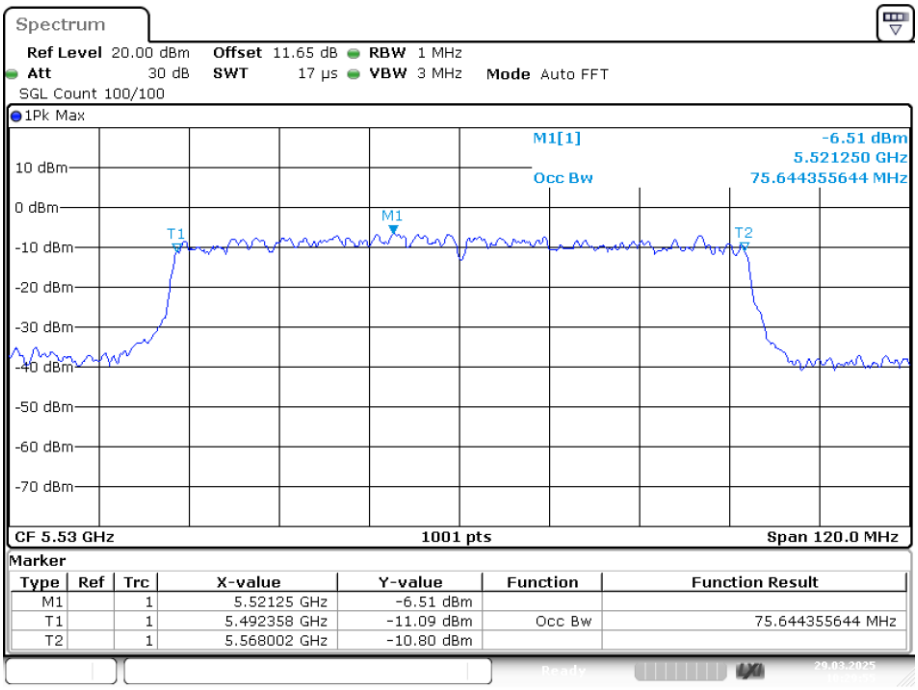
Date: 29.MAR.2025 09:57:13

OBW NVNT ac40 5670MHz Ant1

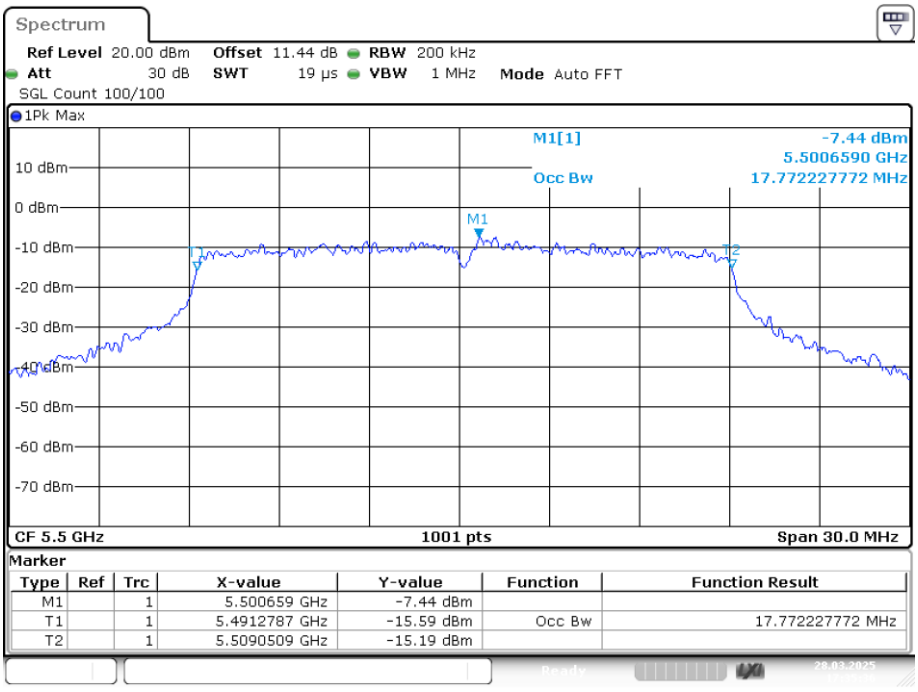


Date: 29.MAR.2025 10:05:45

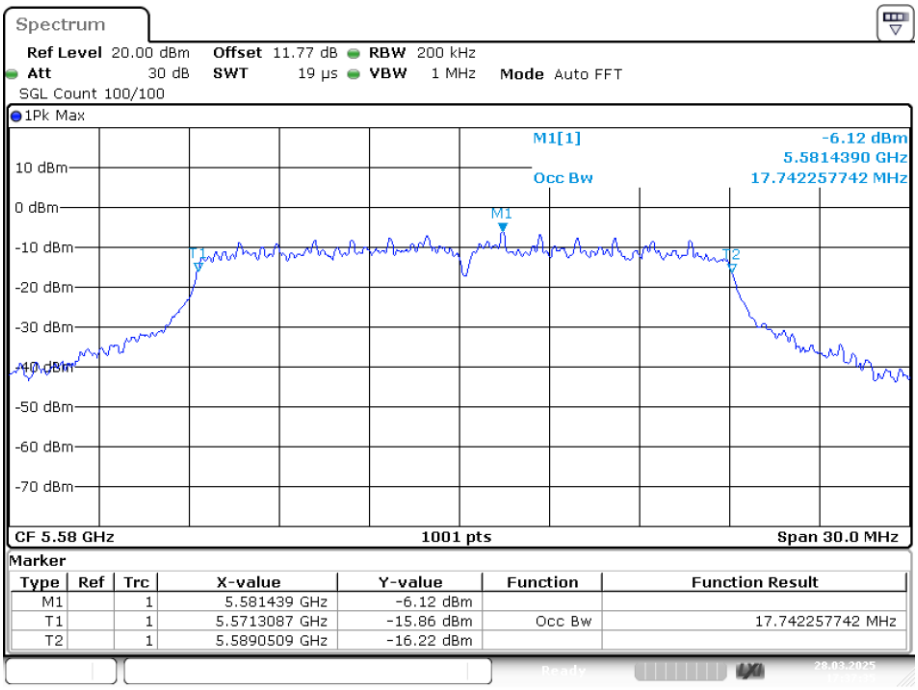
OBW NVNT ac80 5530MHz Ant1



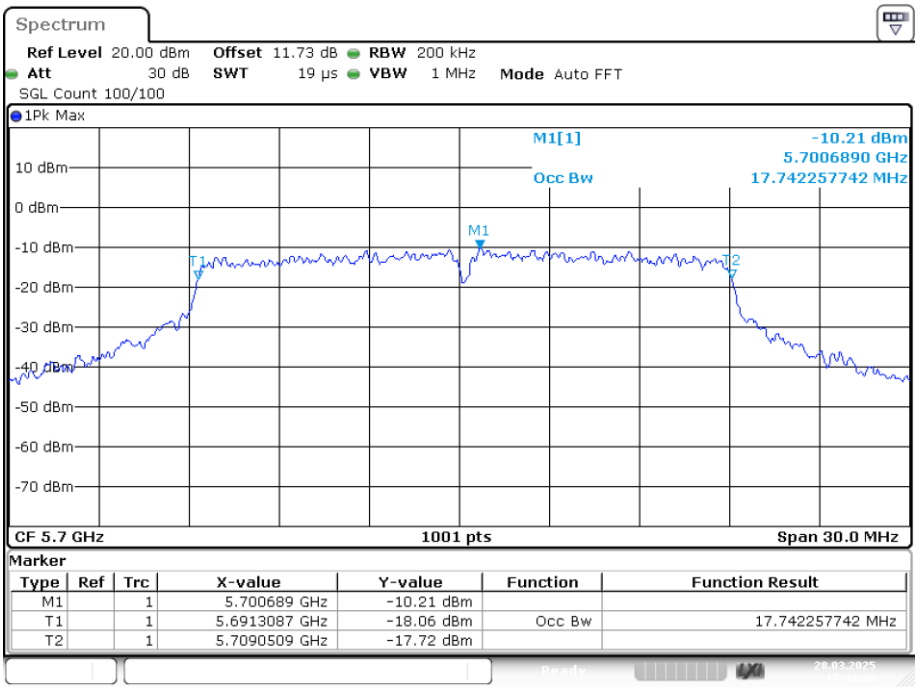
OBW NVNT n20 5500MHz Ant1



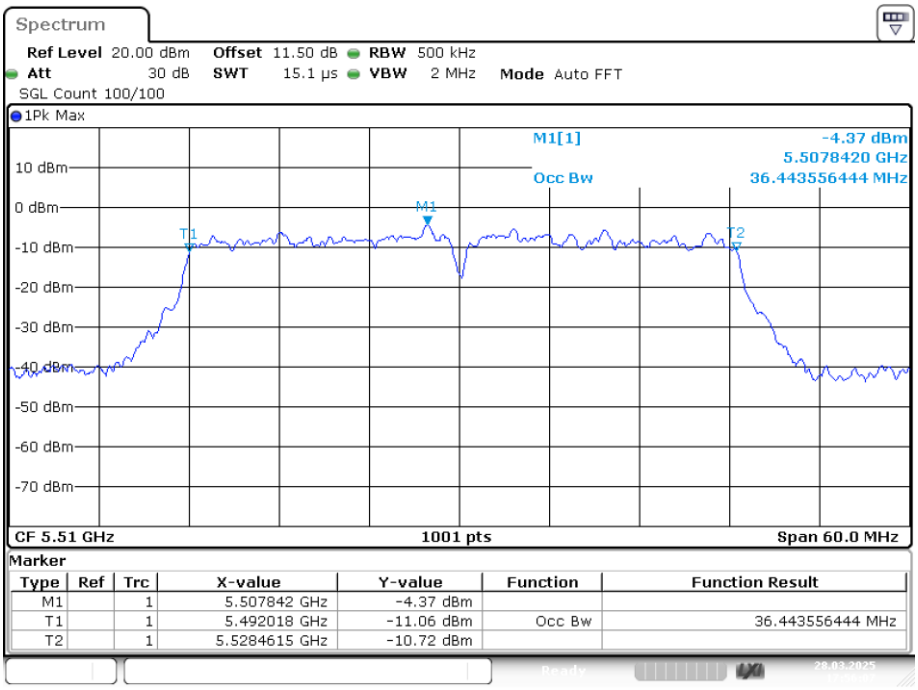
OBW NVNT n20 5580MHz Ant1



OBW NVNT n20 5700MHz Ant1

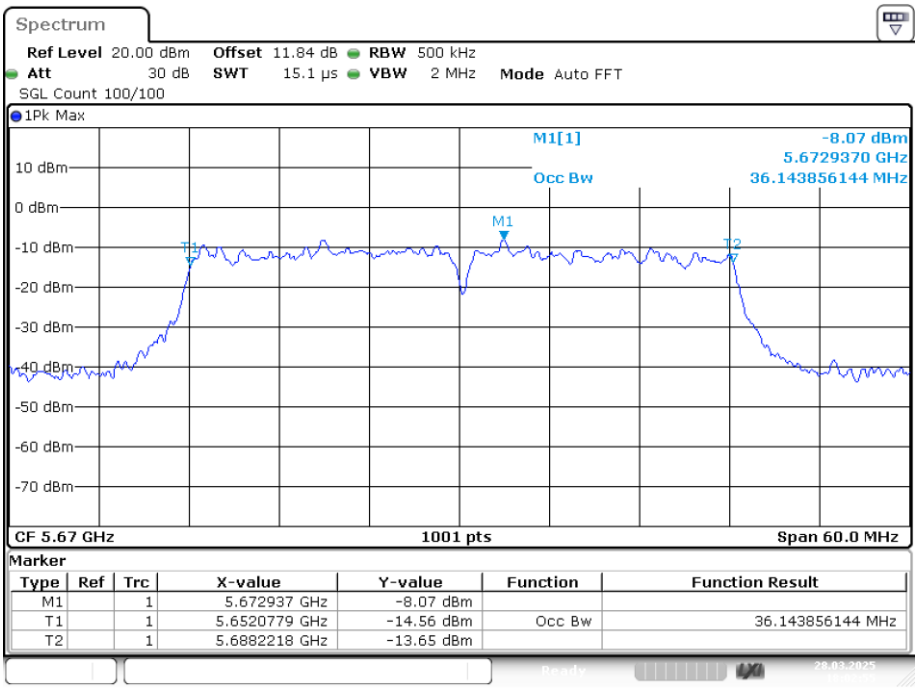


OBW NVNT n40 5510MHz Ant1



Date: 28.MAR.2025 17:56:07

OBW NVNT n40 5670MHz Ant1



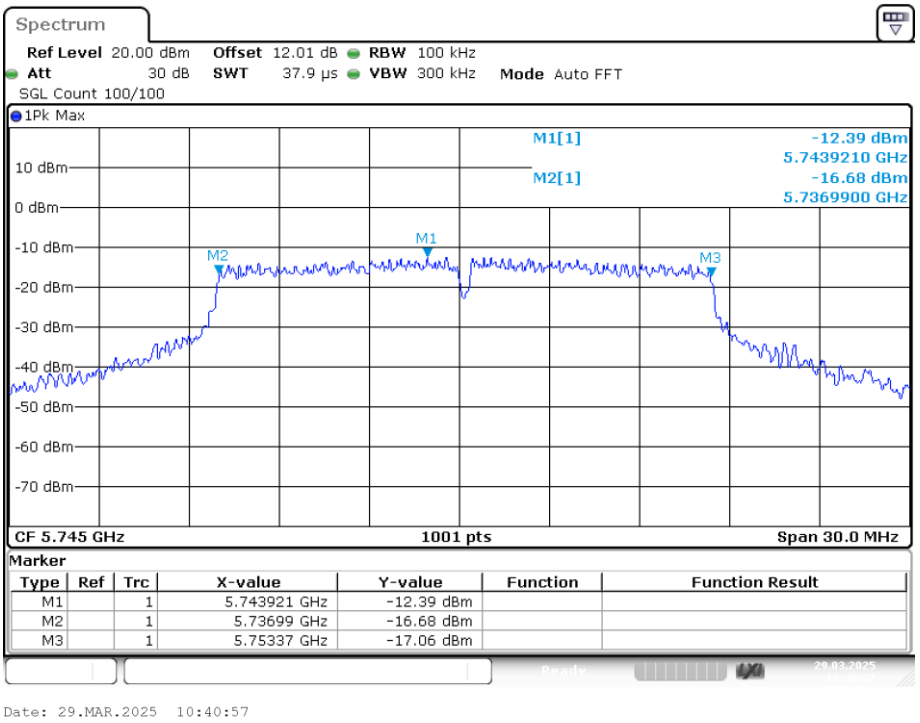
Date: 28.MAR.2025 18:02:54

Band 4 (5725-5850 MHz):

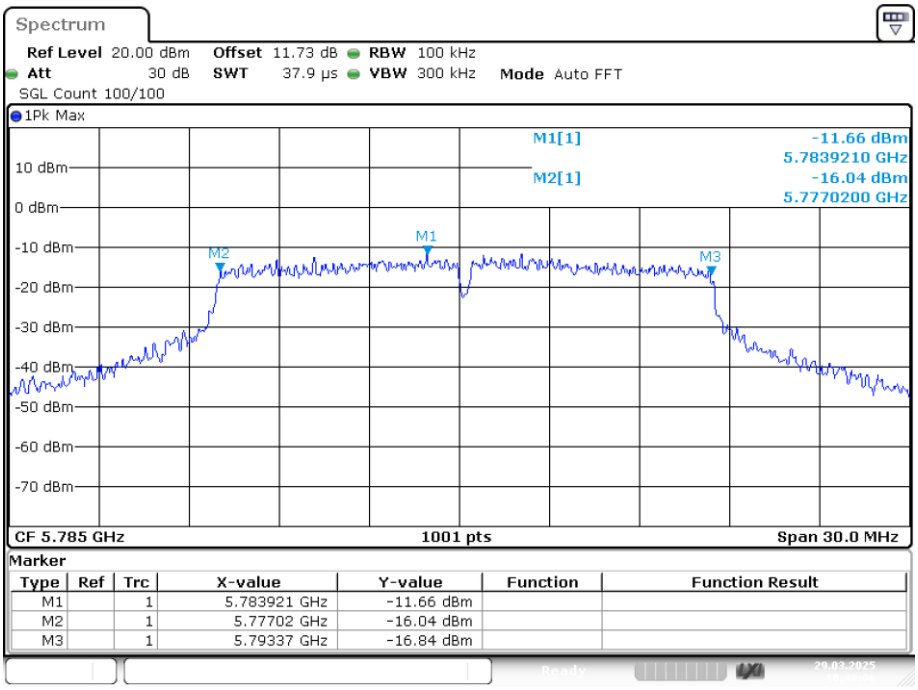
-6dB Bandwidth

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	16.35	0.5	Pass
NVNT	a	5825	Ant1	16.41	0.5	Pass
NVNT	ac20	5745	Ant1	17.58	0.5	Pass
NVNT	ac20	5785	Ant1	17.73	0.5	Pass
NVNT	ac20	5825	Ant1	17.58	0.5	Pass
NVNT	ac40	5755	Ant1	36.48	0.5	Pass
NVNT	ac40	5795	Ant1	35.16	0.5	Pass
NVNT	ac80	5775	Ant1	75	0.5	Pass
NVNT	n20	5745	Ant1	17.64	0.5	Pass
NVNT	n20	5785	Ant1	15.09	0.5	Pass
NVNT	n20	5825	Ant1	16.17	0.5	Pass
NVNT	n40	5755	Ant1	36.24	0.5	Pass
NVNT	n40	5795	Ant1	36.48	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1

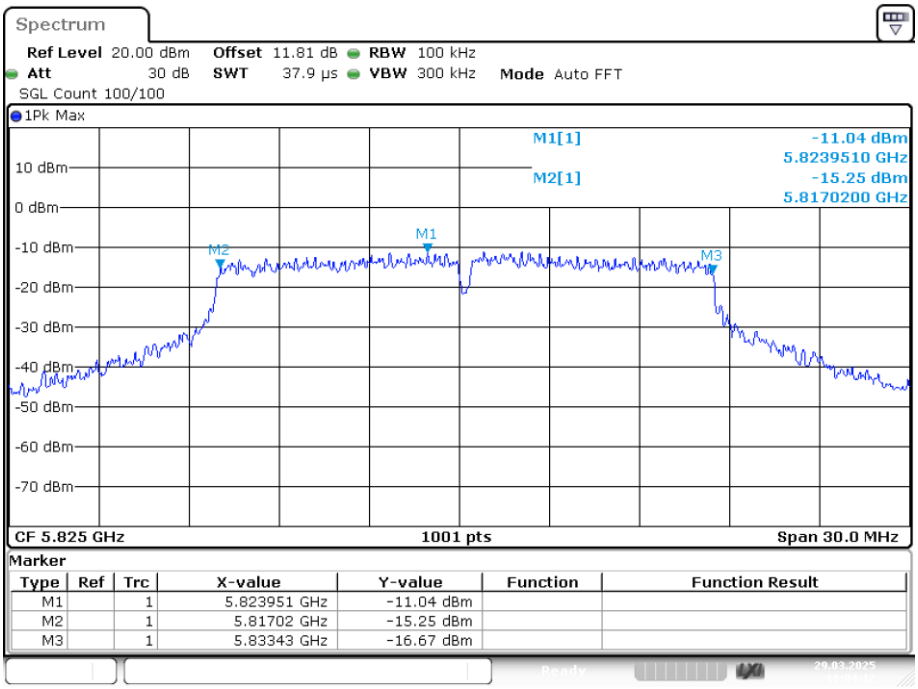


-6dB Bandwidth NVNT a 5785MHz Ant1



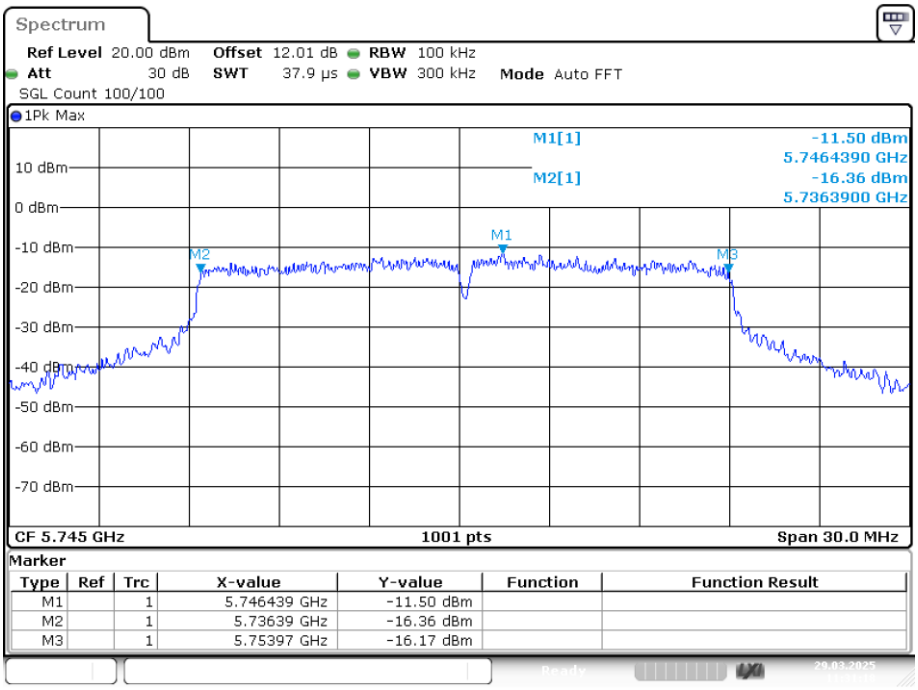
Date: 29.MAR.2025 10:48:06

-6dB Bandwidth NVNT a 5825MHz Ant1



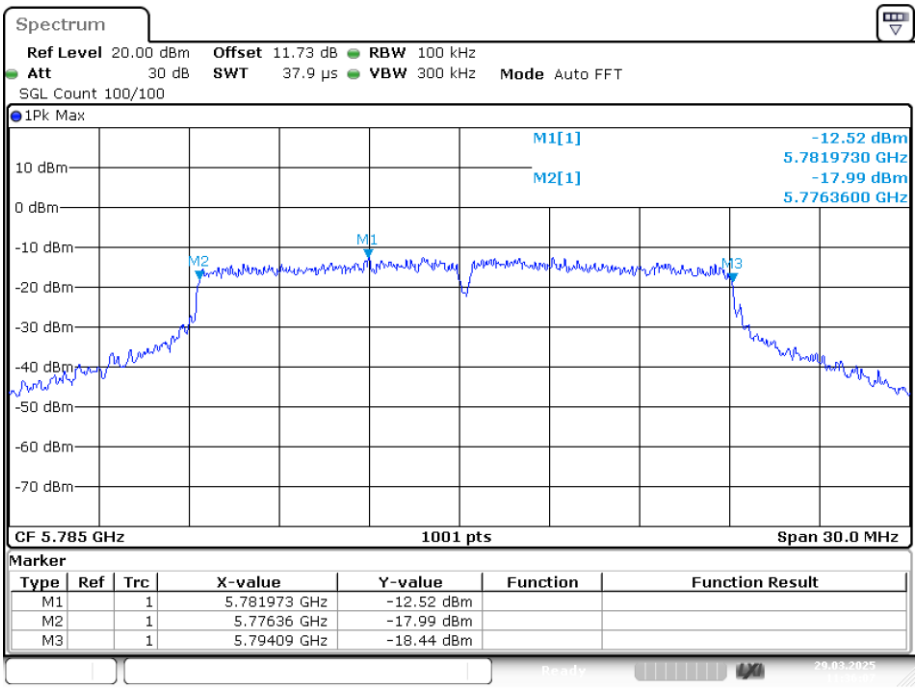
Date: 29.MAR.2025 11:04:11

-6dB Bandwidth NVNT ac20 5745MHz Ant1



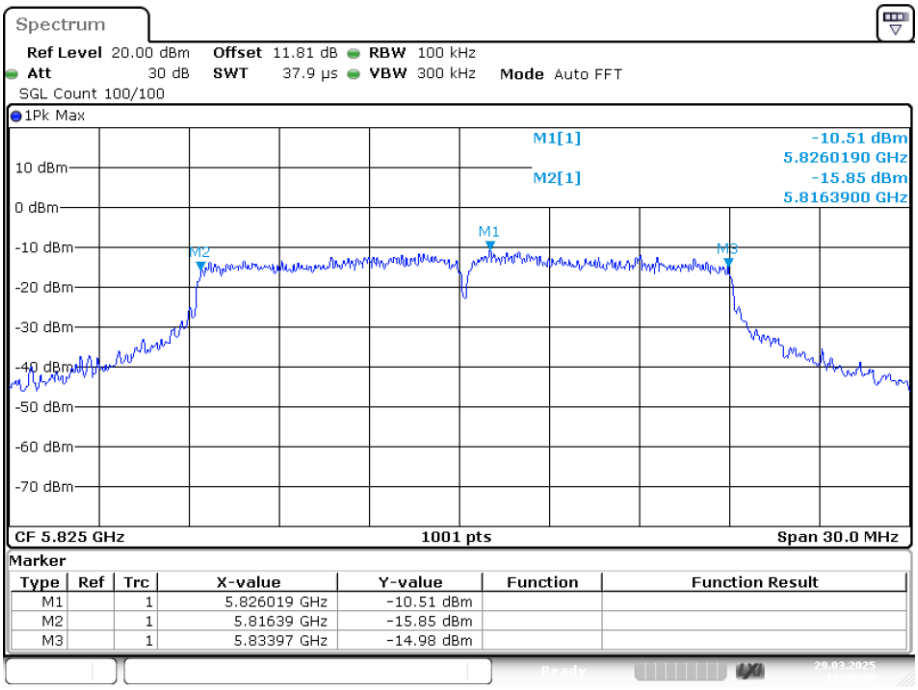
Date: 29.MAR.2025 11:31:19

-6dB Bandwidth NVNT ac20 5785MHz Ant1



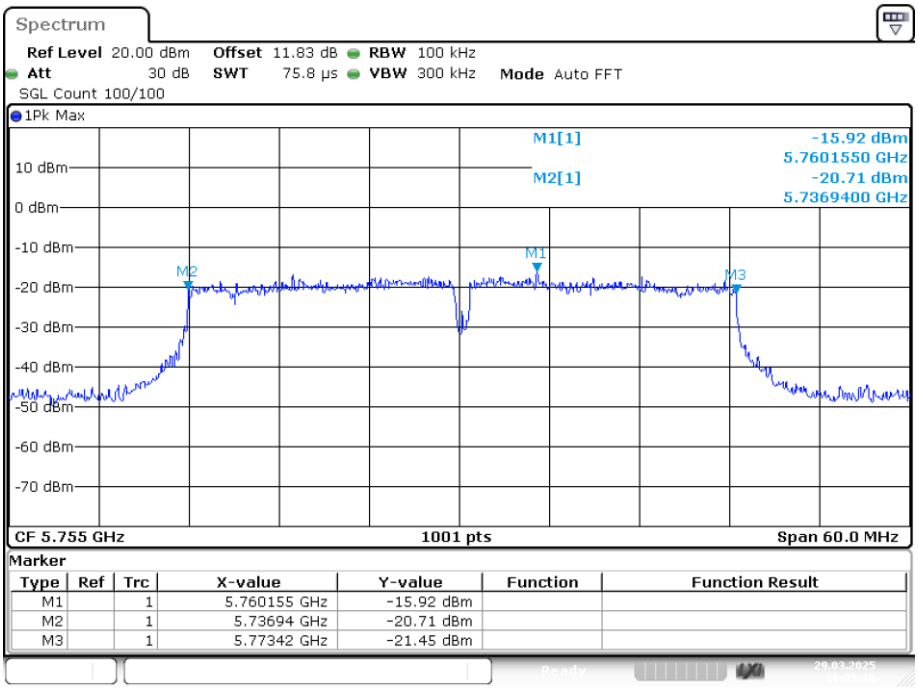
Date: 29.MAR.2025 11:36:08

-6dB Bandwidth NVNT ac20 5825MHz Ant1



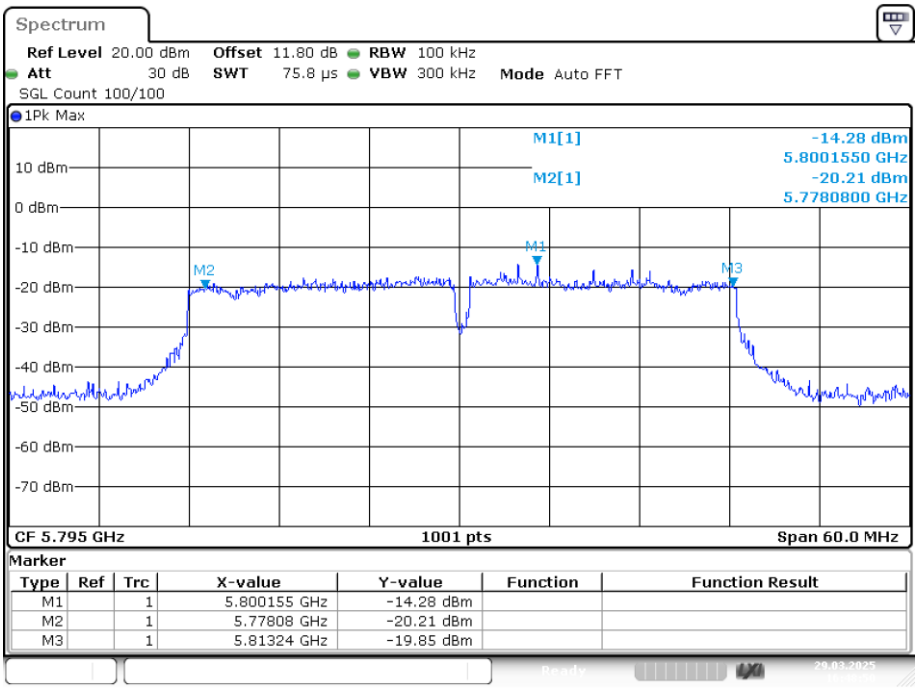
Date: 29.MAR.2025 11:39:09

-6dB Bandwidth NVNT ac40 5755MHz Ant1

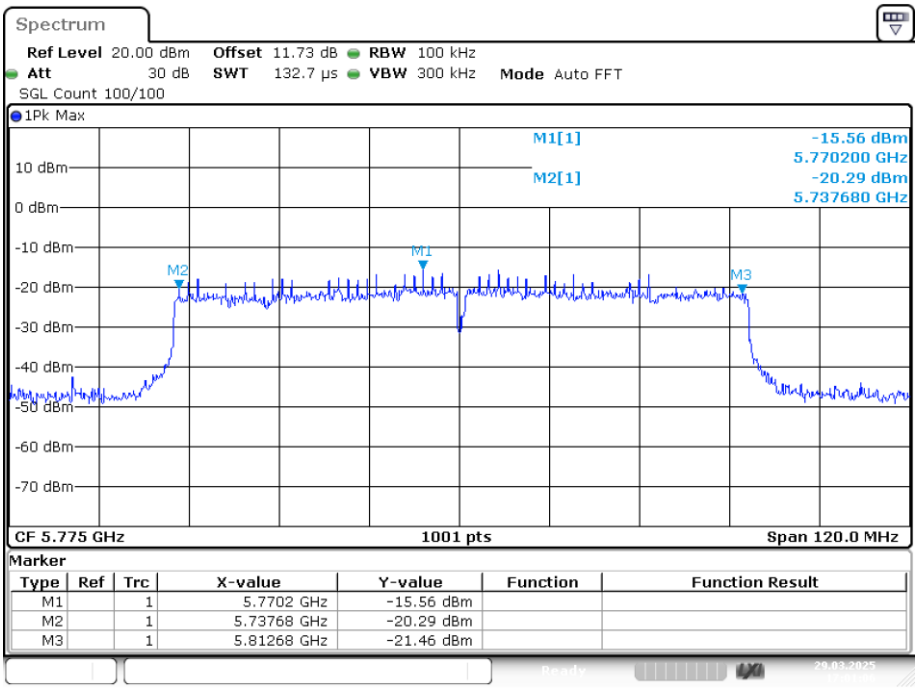


Date: 29.MAR.2025 16:35:19

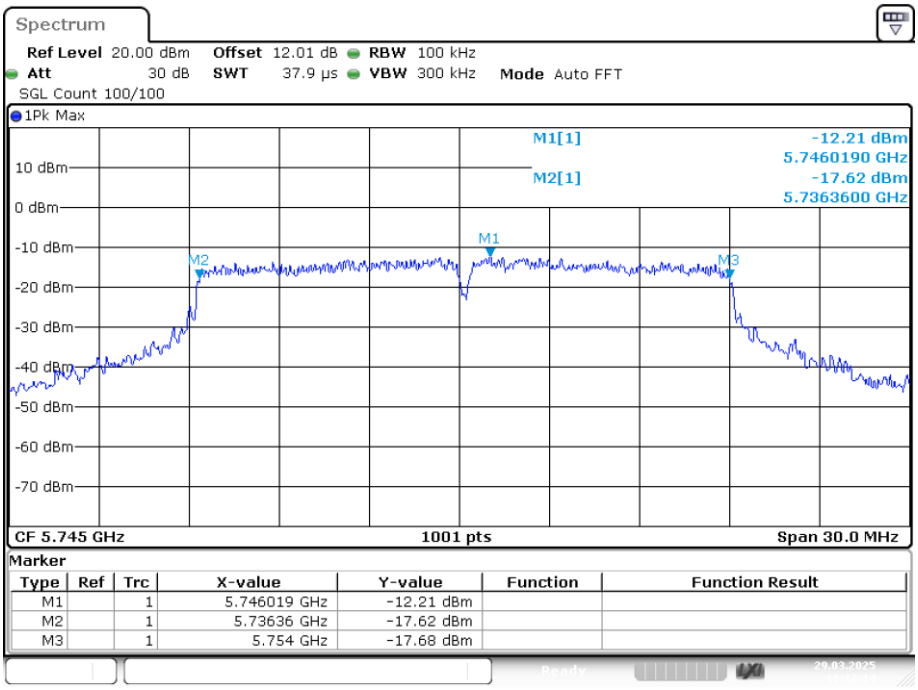
-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

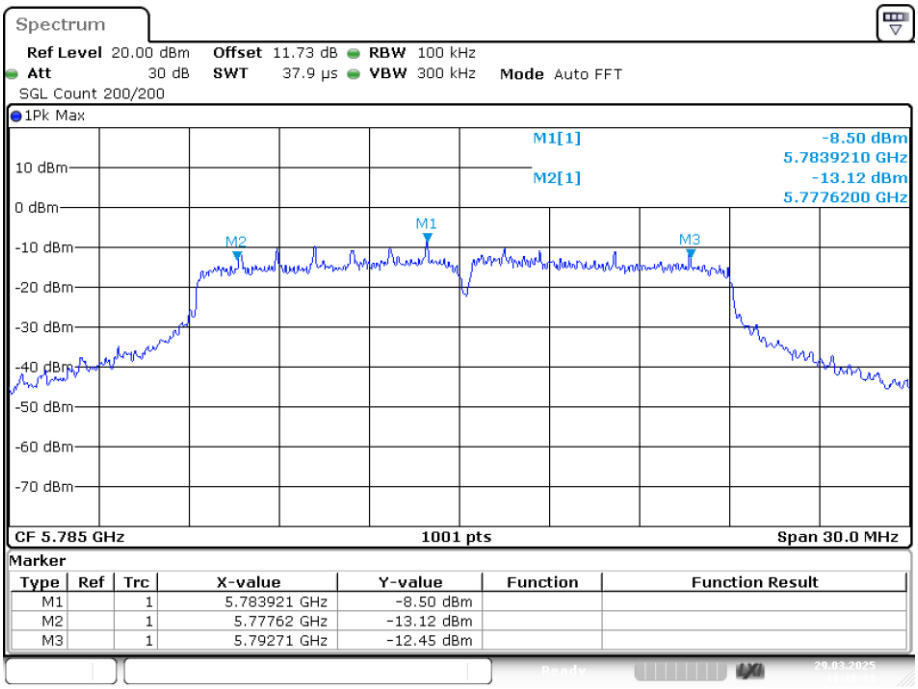


-6dB Bandwidth NVNT n20 5745MHz Ant1



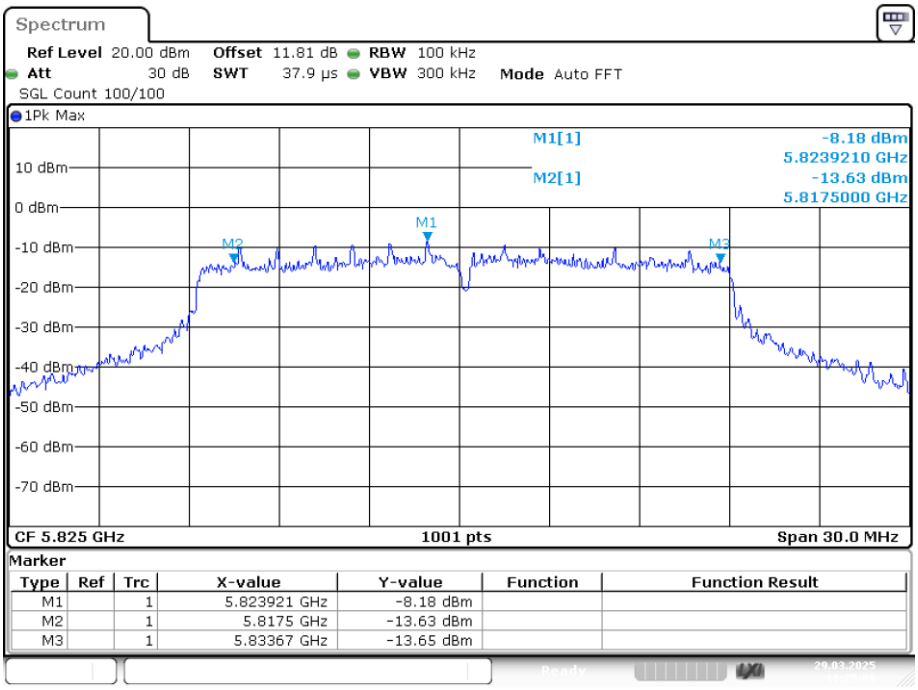
Date: 29.MAR.2025 11:12:13

-6dB Bandwidth NVNT n20 5785MHz Ant1



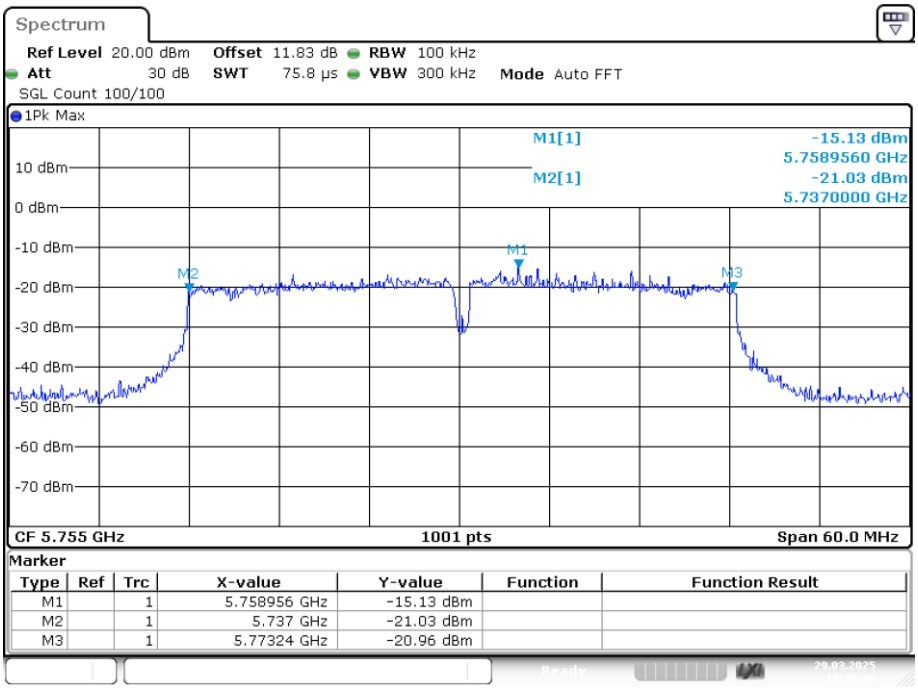
Date: 29.MAR.2025 11:16:11

-6dB Bandwidth NVNT n20 5825MHz Ant1



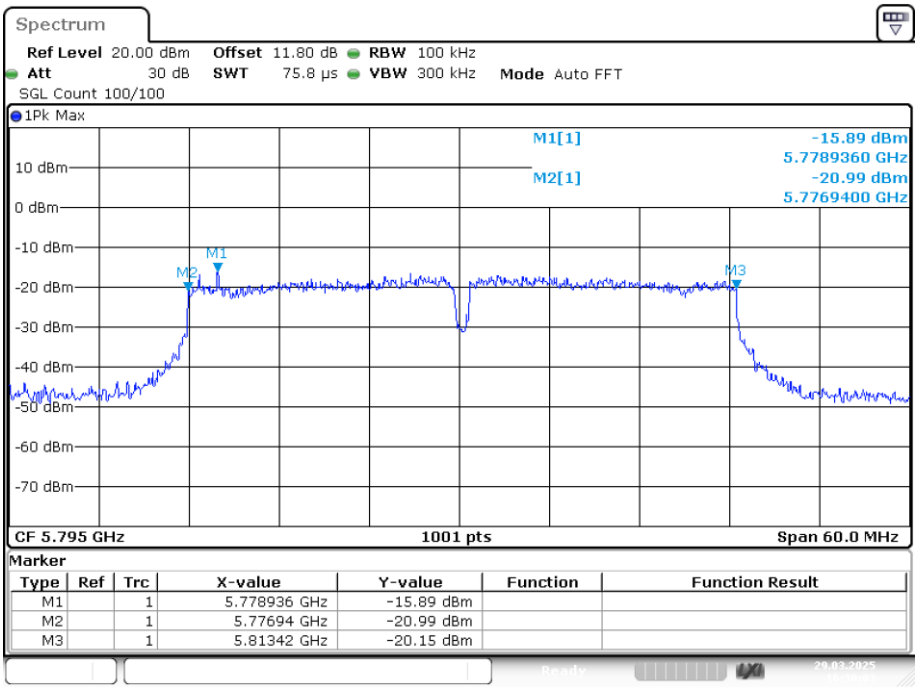
Date: 29.MAR.2025 11:25:09

-6dB Bandwidth NVNT n40 5755MHz Ant1



Date: 29.MAR.2025 16:19:46

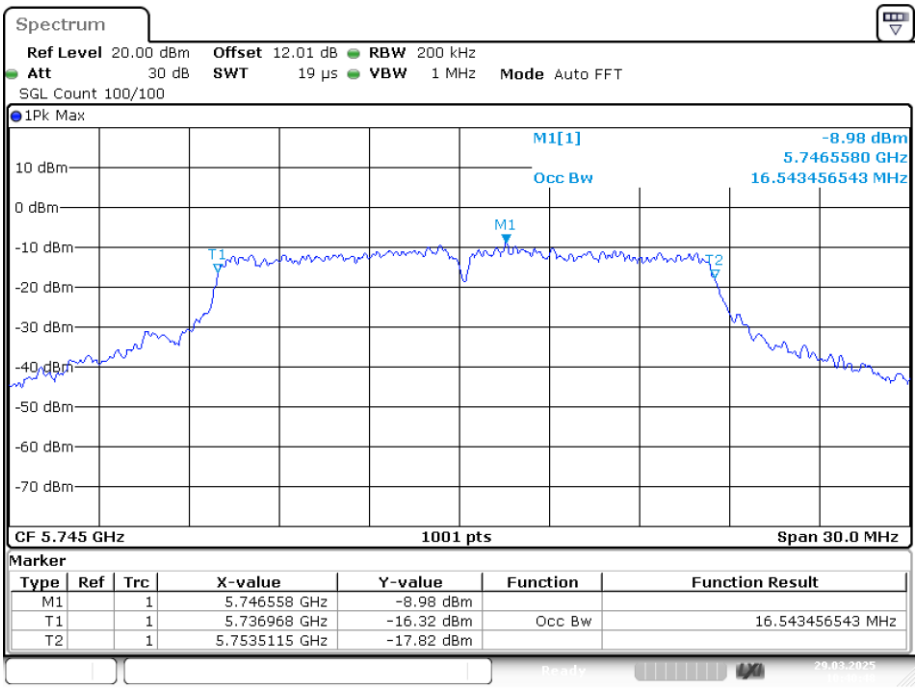
-6dB Bandwidth NVNT n40 5795MHz Ant1



Occupied Channel Bandwidth

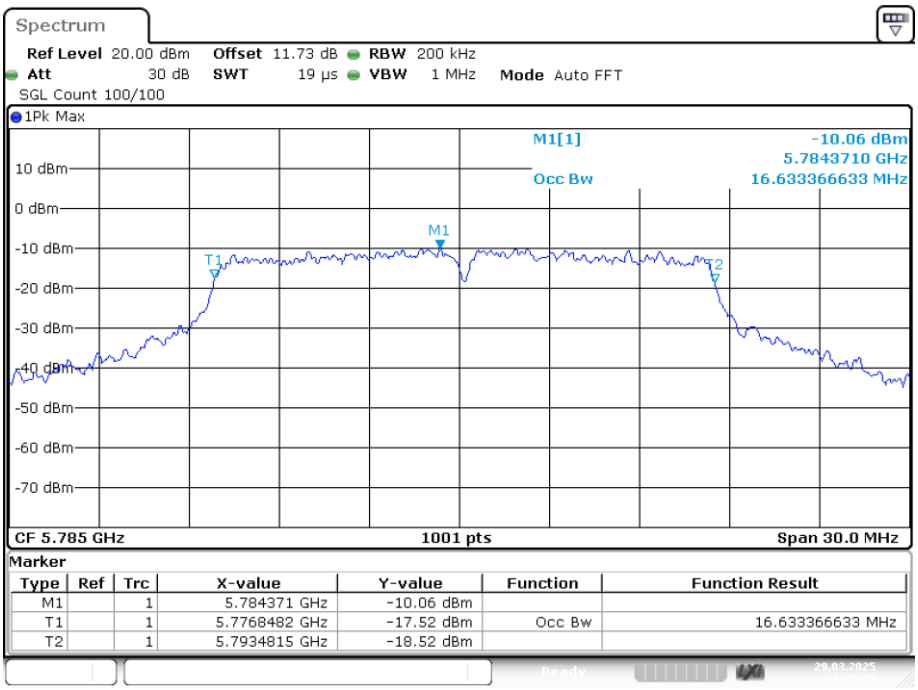
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.543
NVNT	a	5785	Ant1	16.633
NVNT	a	5825	Ant1	16.484
NVNT	ac20	5745	Ant1	17.682
NVNT	ac20	5785	Ant1	17.832
NVNT	ac20	5825	Ant1	17.832
NVNT	ac40	5755	Ant1	36.324
NVNT	ac40	5795	Ant1	36.264
NVNT	ac80	5775	Ant1	75.764
NVNT	n20	5745	Ant1	17.772
NVNT	n20	5785	Ant1	17.832
NVNT	n20	5825	Ant1	17.712
NVNT	n40	5755	Ant1	36.264
NVNT	n40	5795	Ant1	36.324

OBW NVNT a 5745MHz Ant1



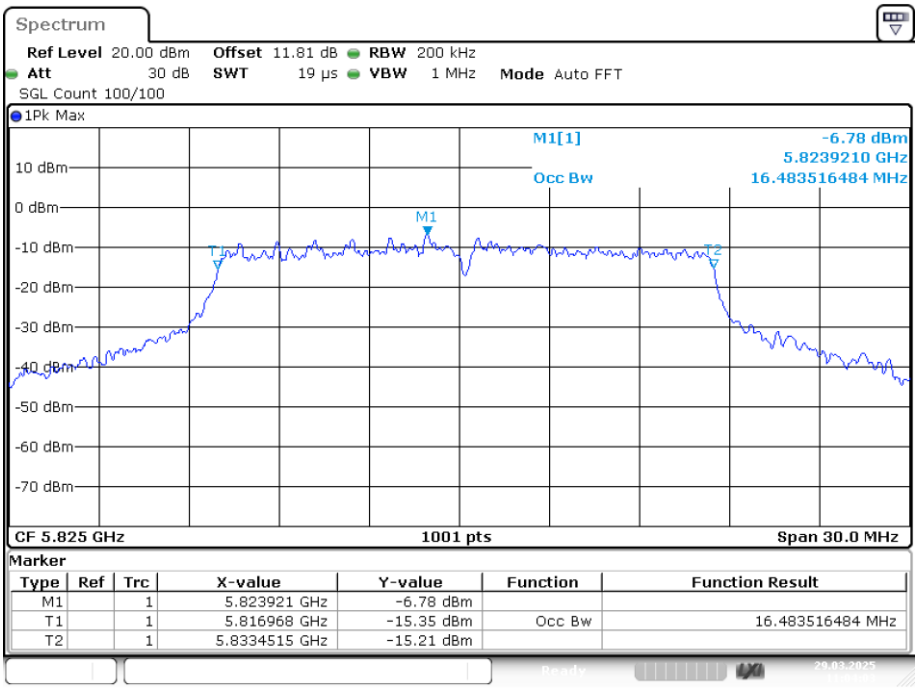
Date: 29.MAR.2025 10:40:48

OBW NVNT a 5785MHz Ant1

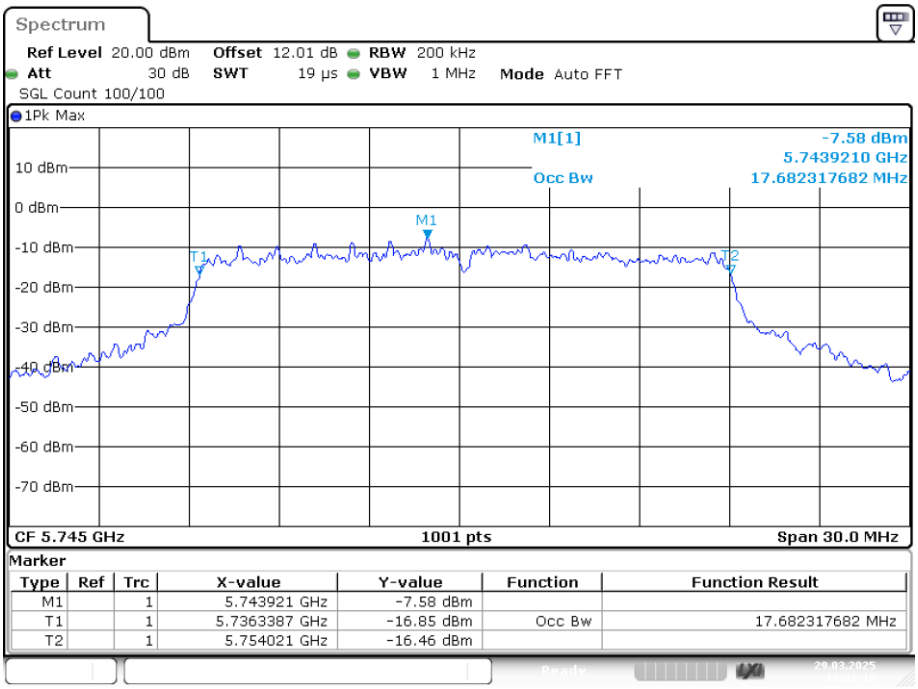


Date: 29.MAR.2025 10:47:57

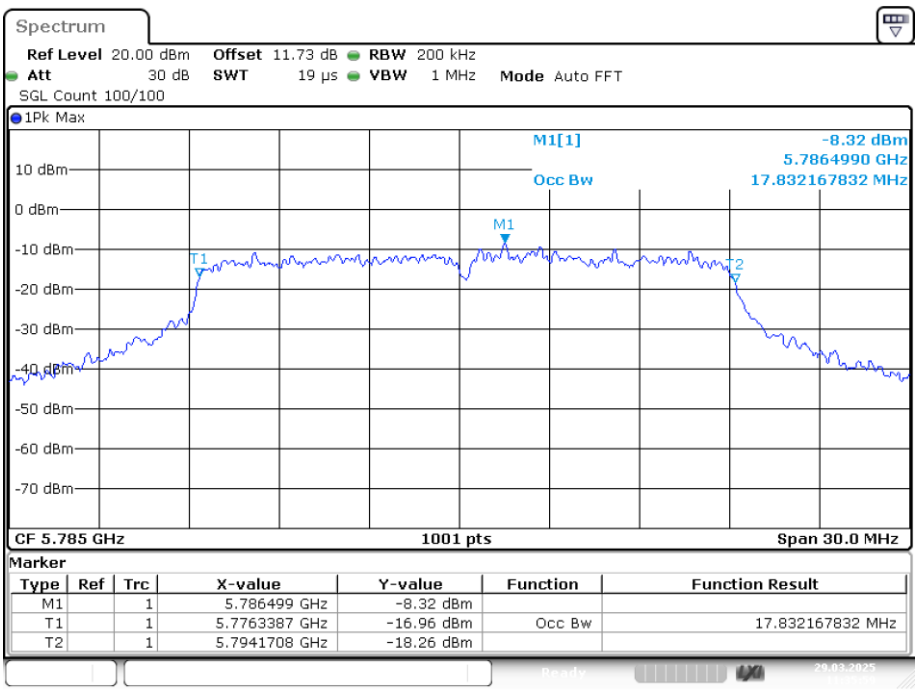
OBW NVNT a 5825MHz Ant1



OBW NVNT ac20 5745MHz Ant1

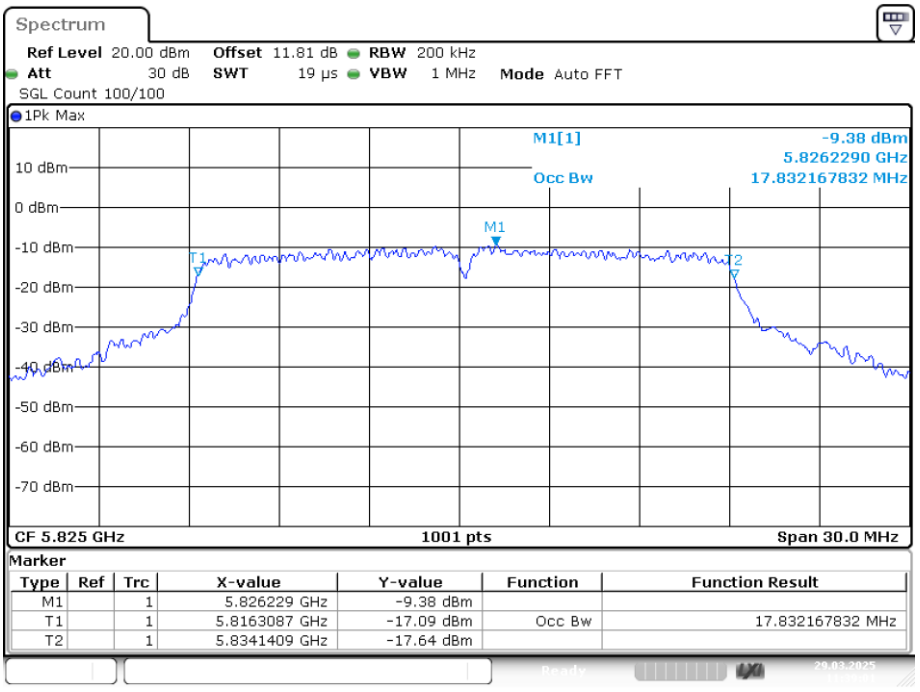


OBW NVNT ac20 5785MHz Ant1



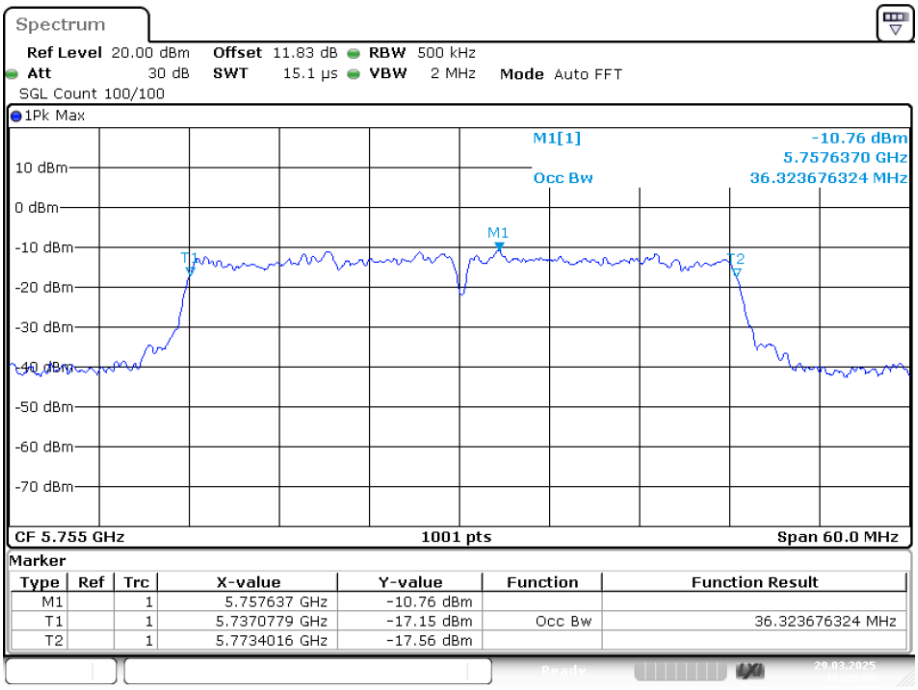
Date: 29.MAR.2025 11:35:59

OBW NVNT ac20 5825MHz Ant1



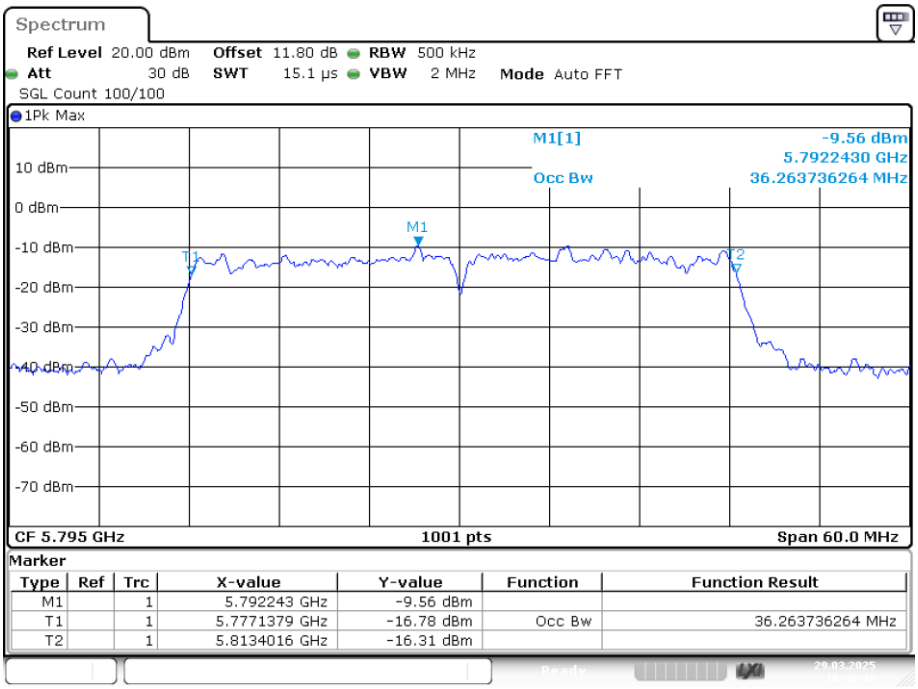
Date: 29.MAR.2025 11:39:00

OBW NVNT ac40 5755MHz Ant1



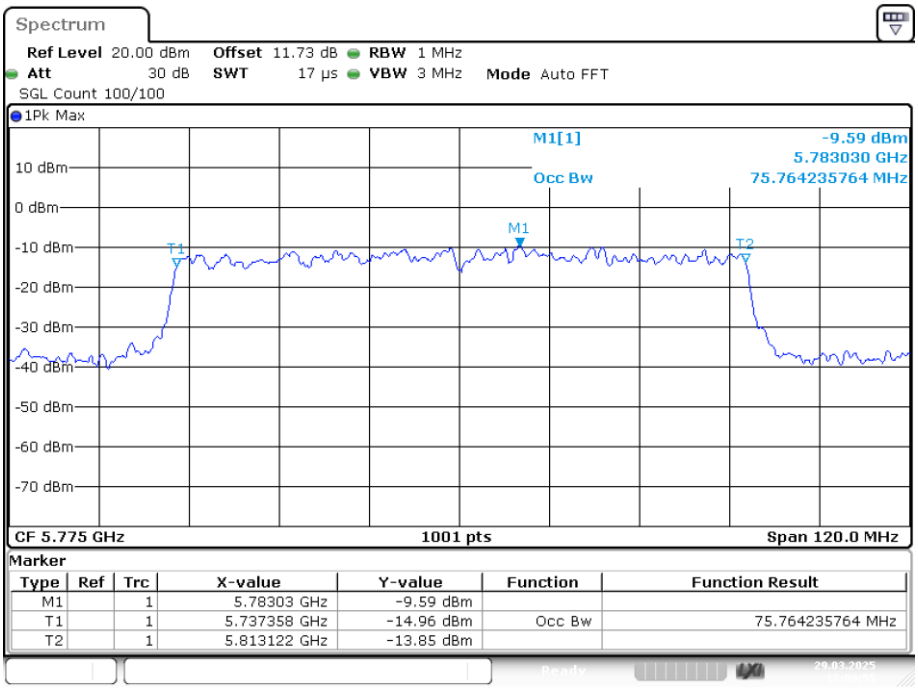
Date: 29.MAR.2025 16:35:09

OBW NVNT ac40 5795MHz Ant1



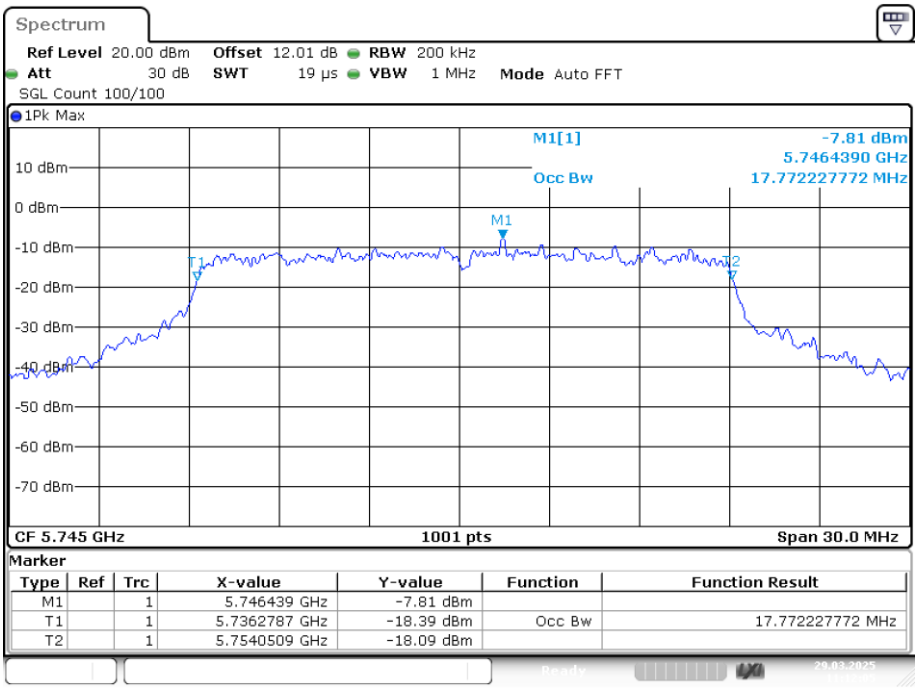
Date: 29.MAR.2025 16:48:39

OBW NVNT ac80 5775MHz Ant1



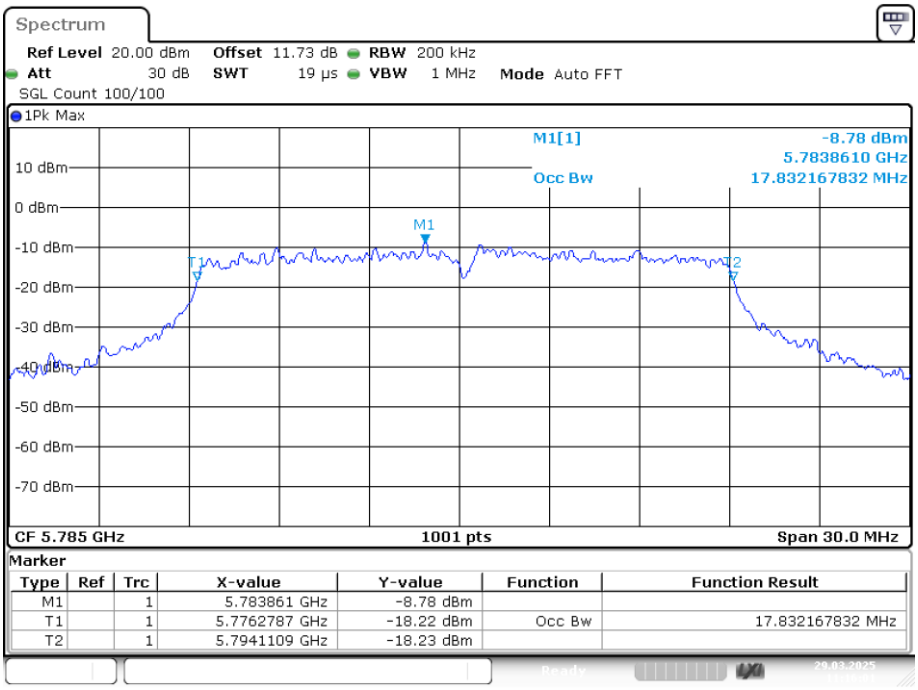
Date: 29.MAR.2025 17:00:54

OBW NVNT n20 5745MHz Ant1

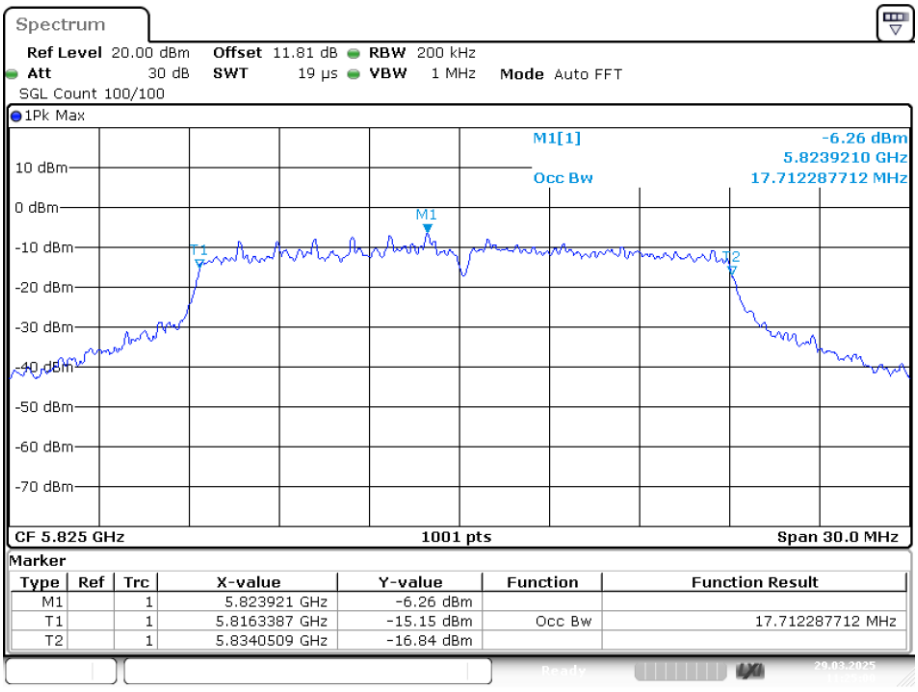


Date: 29.MAR.2025 11:12:04

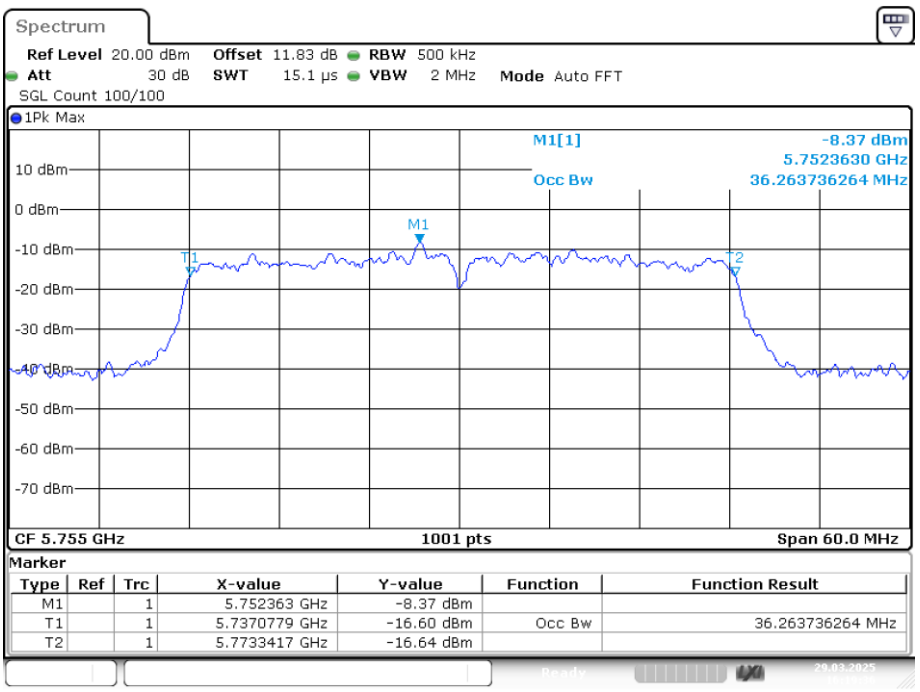
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1

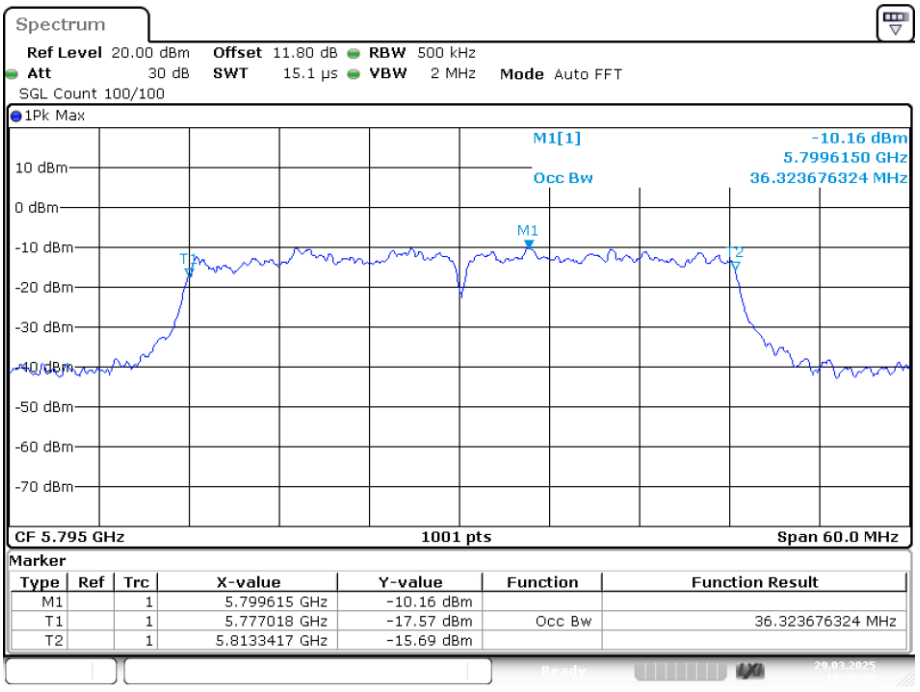


OBW NVNT n40 5755MHz Ant1



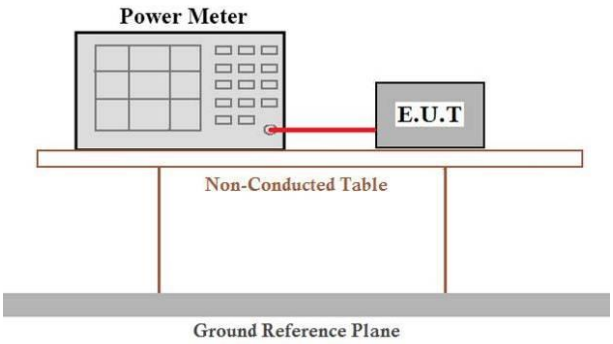
Date: 29.MAR.2025 16:19:36

OBW NVNT n40 5795MHz Ant1



Date: 29.MAR.2025 16:29:53

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.
Test setup:	
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., 10log(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)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.1	24	Pass
NVNT	a	5200	Ant1	12.096	24	Pass
NVNT	a	5240	Ant1	11.968	24	Pass
NVNT	ac20	5180	Ant1	12.564	24	Pass
NVNT	ac20	5200	Ant1	12.598	24	Pass
NVNT	ac20	5240	Ant1	12.383	24	Pass
NVNT	ac40	5190	Ant1	11.5	24	Pass
NVNT	ac40	5230	Ant1	11.083	24	Pass
NVNT	ac80	5210	Ant1	11.746	24	Pass
NVNT	n20	5180	Ant1	12.575	24	Pass
NVNT	n20	5200	Ant1	12.538	24	Pass
NVNT	n20	5240	Ant1	12.302	24	Pass
NVNT	n40	5190	Ant1	11.544	24	Pass
NVNT	n40	5230	Ant1	11.19	24	Pass

Band 2 (5250 -5350 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	11.659	24	Pass
NVNT	a	5280	Ant1	12.606	24	Pass
NVNT	a	5320	Ant1	13.411	24	Pass
NVNT	ac20	5260	Ant1	11.955	24	Pass
NVNT	ac20	5280	Ant1	12.939	24	Pass
NVNT	ac20	5320	Ant1	13.709	24	Pass
NVNT	ac40	5270	Ant1	11.552	24	Pass
NVNT	ac40	5310	Ant1	12.619	24	Pass
NVNT	ac80	5290	Ant1	12.725	24	Pass
NVNT	n20	5260	Ant1	11.984	24	Pass
NVNT	n20	5280	Ant1	12.877	24	Pass
NVNT	n20	5320	Ant1	13.701	24	Pass
NVNT	n40	5270	Ant1	11.461	24	Pass
NVNT	n40	5310	Ant1	12.613	24	Pass

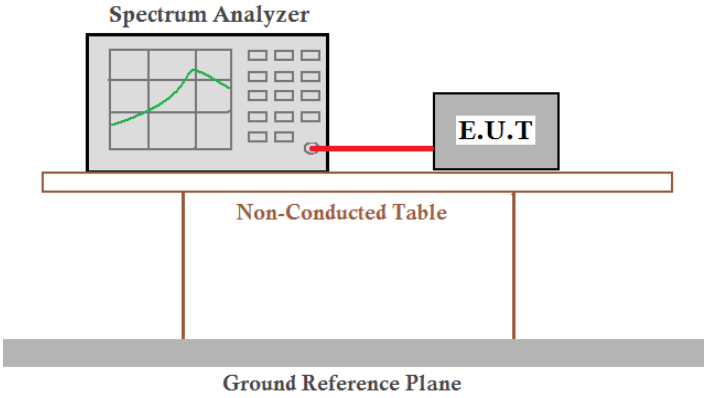
Band 3 (5470 -5725 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	13.34	24	Pass
NVNT	a	5580	Ant1	12.826	24	Pass
NVNT	a	5700	Ant1	9.294	24	Pass
NVNT	ac20	5500	Ant1	15.889	24	Pass
NVNT	ac20	5580	Ant1	15.018	24	Pass
NVNT	ac20	5700	Ant1	11.683	24	Pass
NVNT	ac40	5510	Ant1	12.825	24	Pass
NVNT	ac40	5670	Ant1	10.323	24	Pass
NVNT	ac80	5530	Ant1	13.855	24	Pass
NVNT	n20	5500	Ant1	13.786	24	Pass
NVNT	n20	5580	Ant1	13.074	24	Pass
NVNT	n20	5700	Ant1	11.64	24	Pass
NVNT	n40	5510	Ant1	14.911	24	Pass
NVNT	n40	5670	Ant1	11.316	24	Pass

Band 4 (5725 – 5850 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.205	30	Pass
NVNT	a	5785	Ant1	11.075	30	Pass
NVNT	a	5825	Ant1	12.42	30	Pass
NVNT	ac20	5745	Ant1	11.954	30	Pass
NVNT	ac20	5785	Ant1	11.731	30	Pass
NVNT	ac20	5825	Ant1	12.7	30	Pass
NVNT	ac40	5755	Ant1	9.941	30	Pass
NVNT	ac40	5795	Ant1	10.18	30	Pass
NVNT	ac80	5775	Ant1	8.726	30	Pass
NVNT	n20	5745	Ant1	11.802	30	Pass
NVNT	n20	5785	Ant1	11.862	30	Pass
NVNT	n20	5825	Ant1	12.789	30	Pass
NVNT	n40	5755	Ant1	10.086	30	Pass
NVNT	n40	5795	Ant1	10.299	30	Pass

4.5 Power Spectral Density

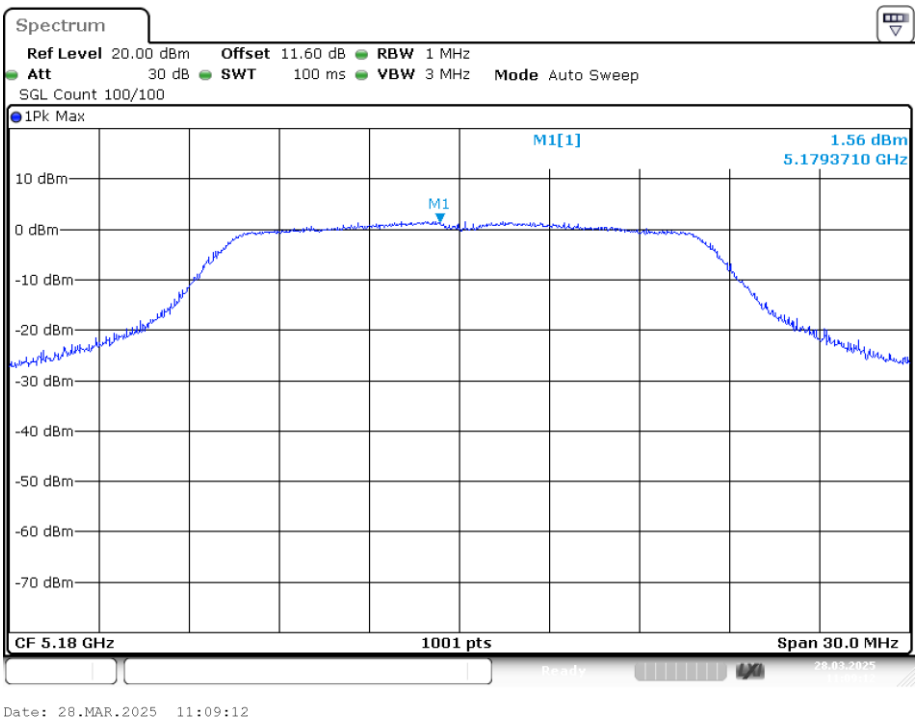
Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	FCC: 1.≤11.00dBm/MHz for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz 2.≤30.00dBm/500KHz for 5725MHz-5850MHz
Test setup:	
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power…”. 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD. 5) 1. Antenna assembly gain G in dBi of the individual antenna. 2.EIRP PSD=Max PSD+G (When testing, the line loss has already been added to the antenna gain, so the test result is EIRP PSD)
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Measurement Data

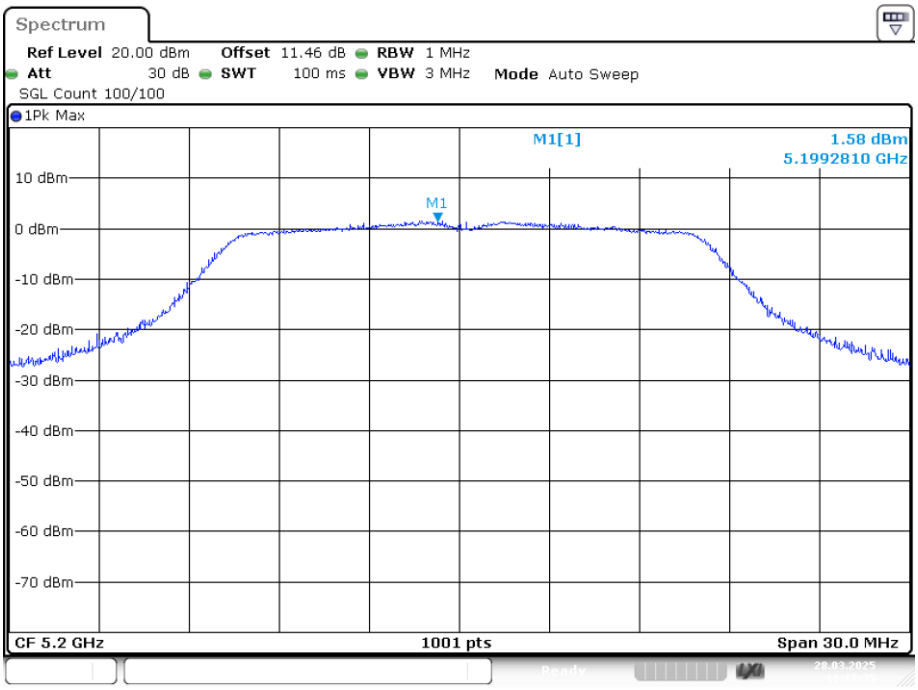
Band 1 (5150-5250 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.555	11	Pass
NVNT	a	5200	Ant1	1.582	11	Pass
NVNT	a	5240	Ant1	1.396	11	Pass
NVNT	ac20	5180	Ant1	2.333	11	Pass
NVNT	ac20	5200	Ant1	1.924	11	Pass
NVNT	ac20	5240	Ant1	2.025	11	Pass
NVNT	ac40	5190	Ant1	-1.875	11	Pass
NVNT	ac40	5230	Ant1	-2.252	11	Pass
NVNT	ac80	5210	Ant1	-4.382	11	Pass
NVNT	n20	5180	Ant1	1.964	11	Pass
NVNT	n20	5200	Ant1	2.457	11	Pass
NVNT	n20	5240	Ant1	2.39	11	Pass
NVNT	n40	5190	Ant1	-1.789	11	Pass
NVNT	n40	5230	Ant1	-2.341	11	Pass

PSD NVNT a 5180MHz Ant1

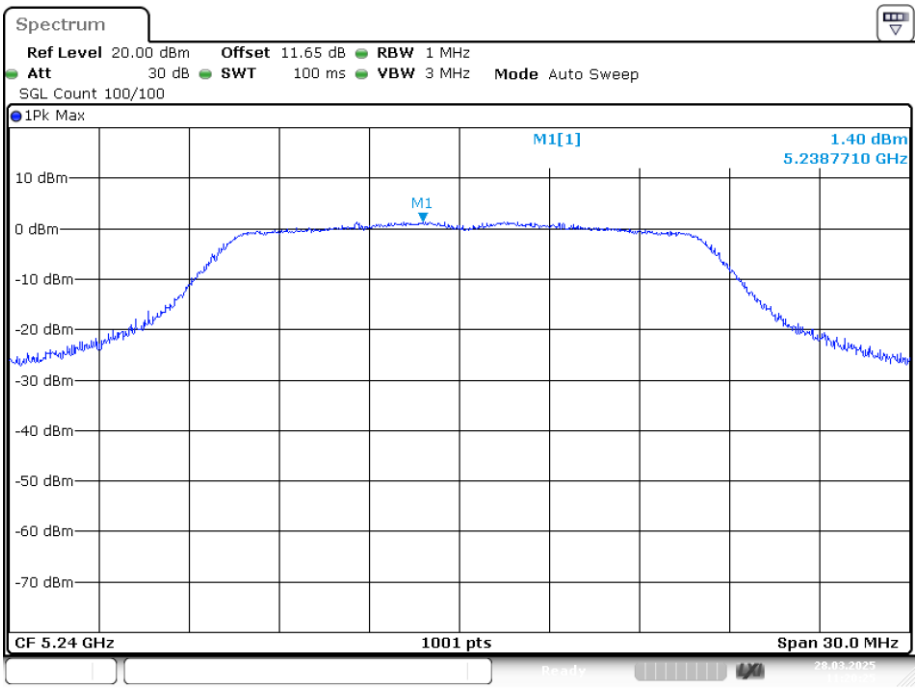


PSD NVNT a 5200MHz Ant1



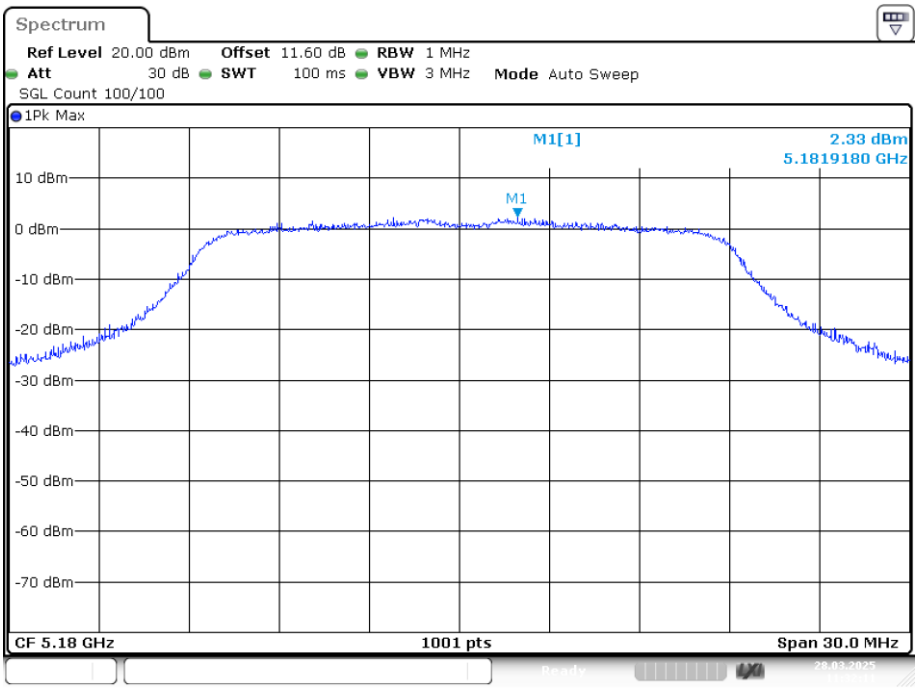
Date: 28.MAR.2025 11:17:35

PSD NVNT a 5240MHz Ant1

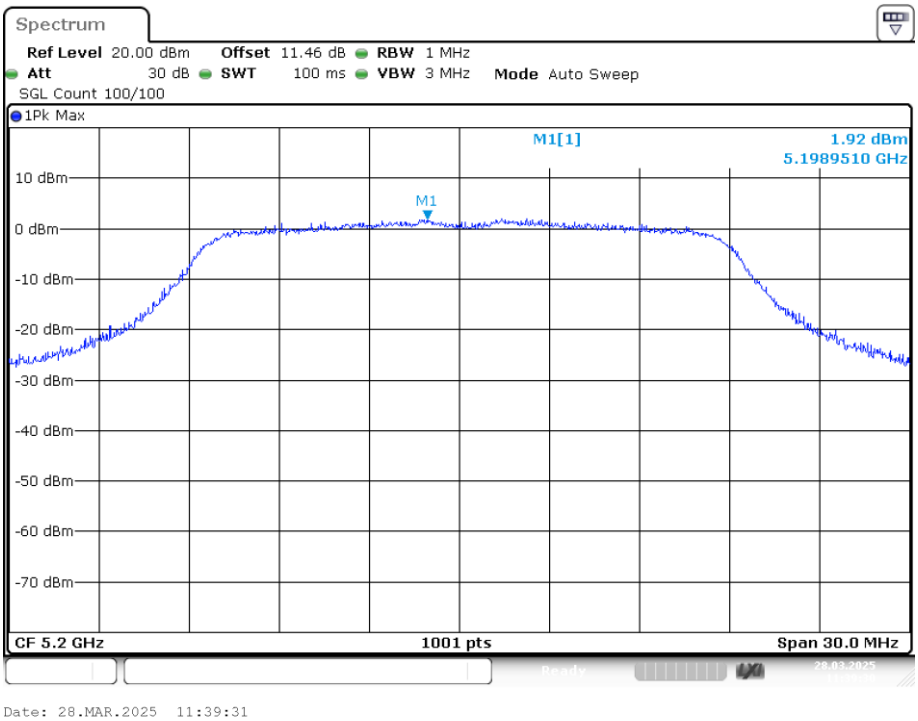


Date: 28.MAR.2025 11:20:25

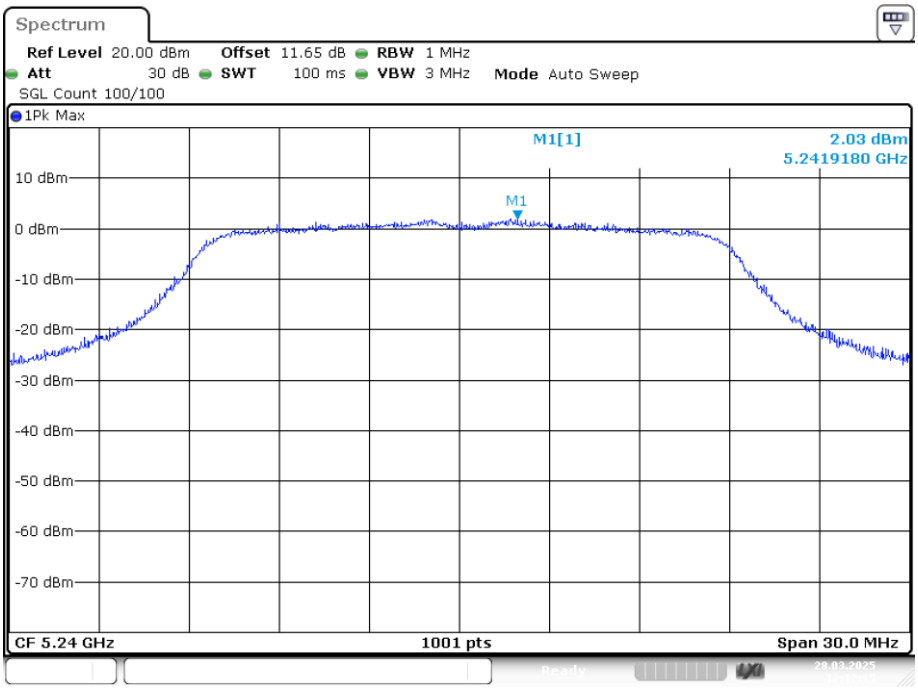
PSD NVNT ac20 5180MHz Ant1



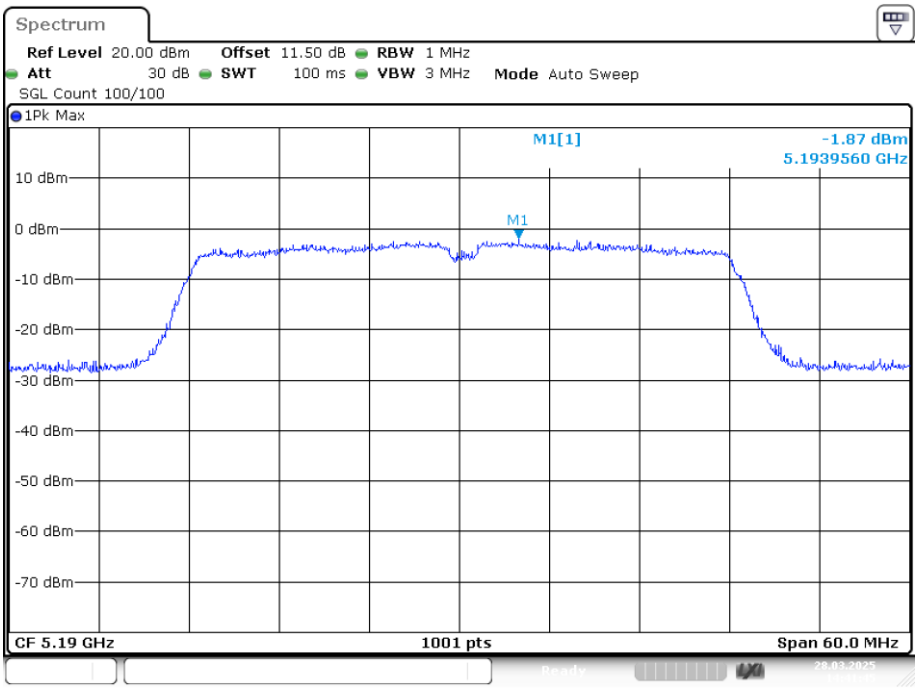
PSD NVNT ac20 5200MHz Ant1



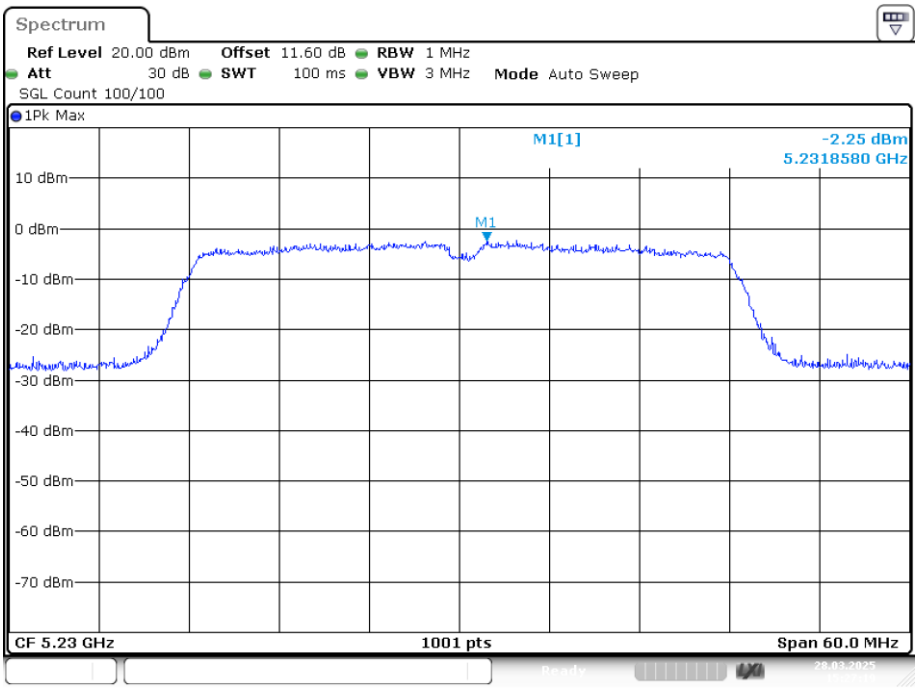
PSD NVNT ac20 5240MHz Ant1



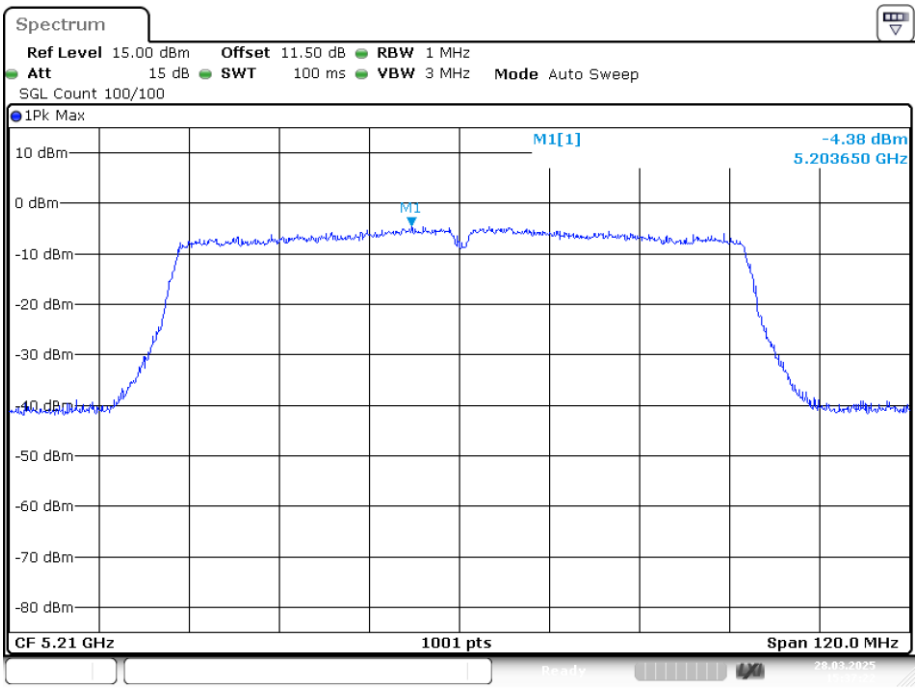
PSD NVNT ac40 5190MHz Ant1



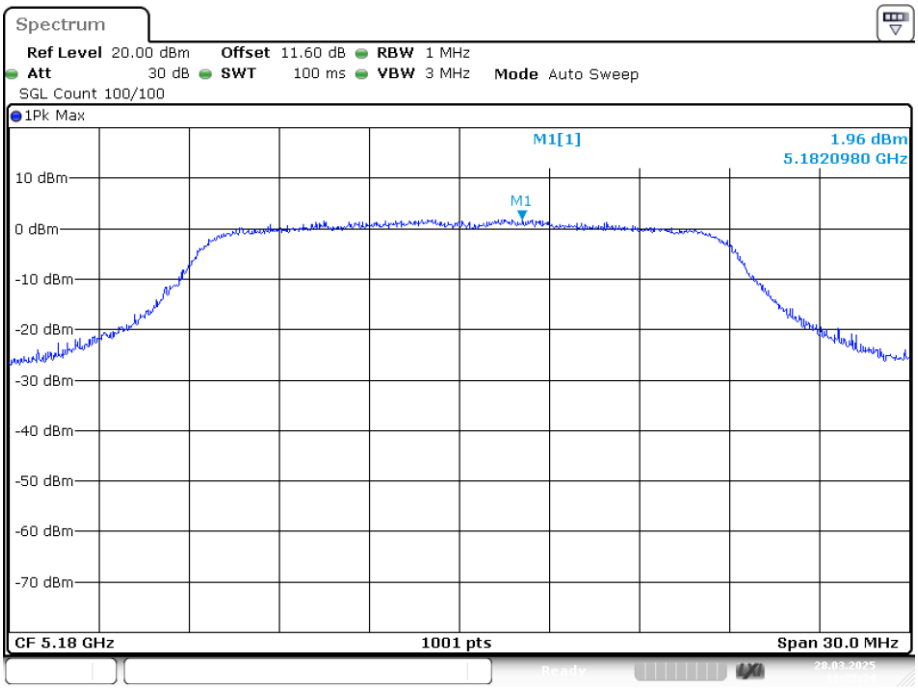
PSD NVNT ac40 5230MHz Ant1



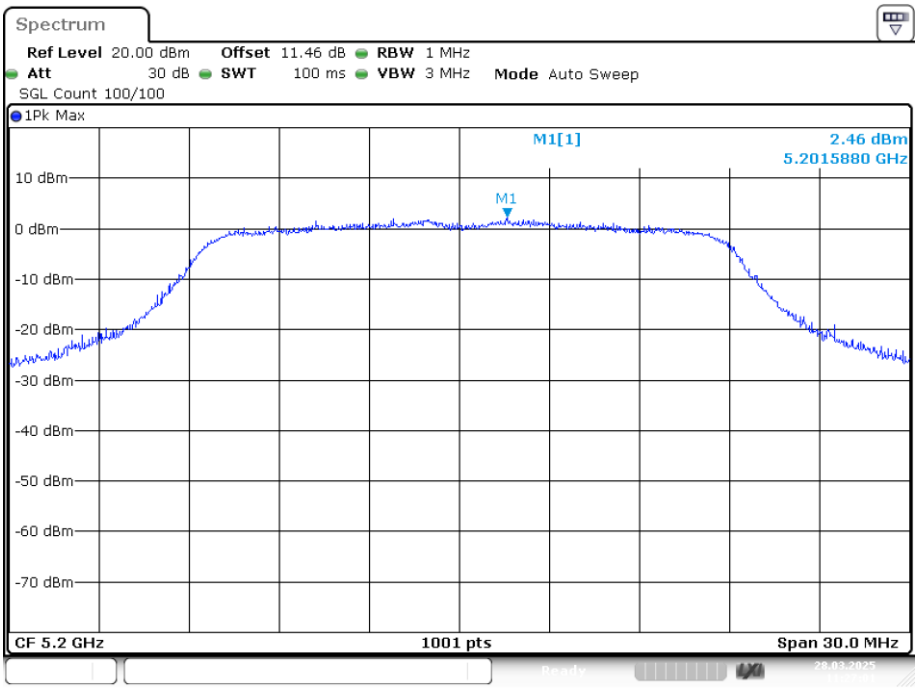
PSD NVNT ac80 5210MHz Ant1



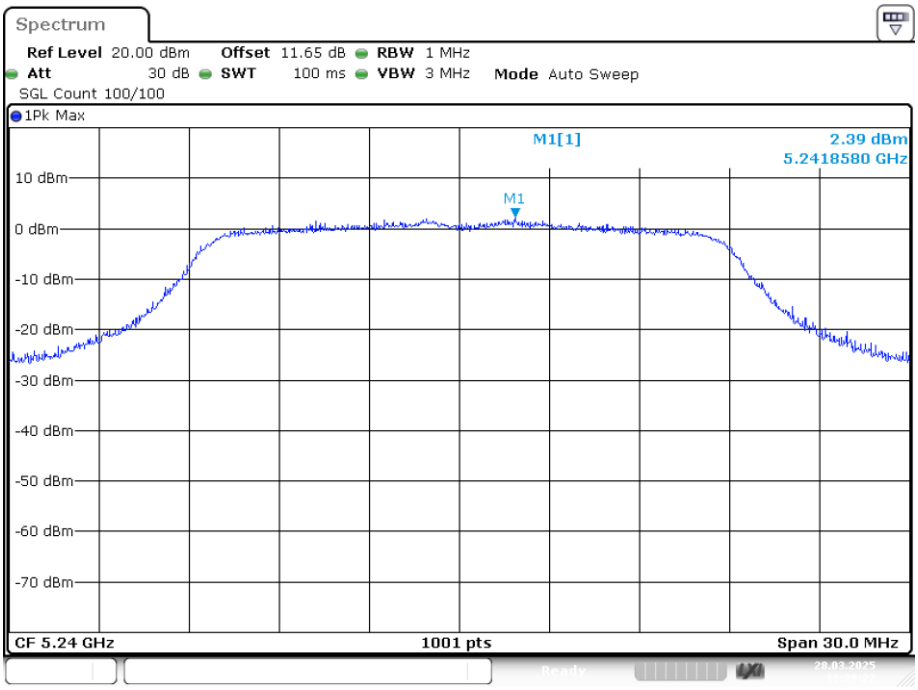
PSD NVNT n20 5180MHz Ant1



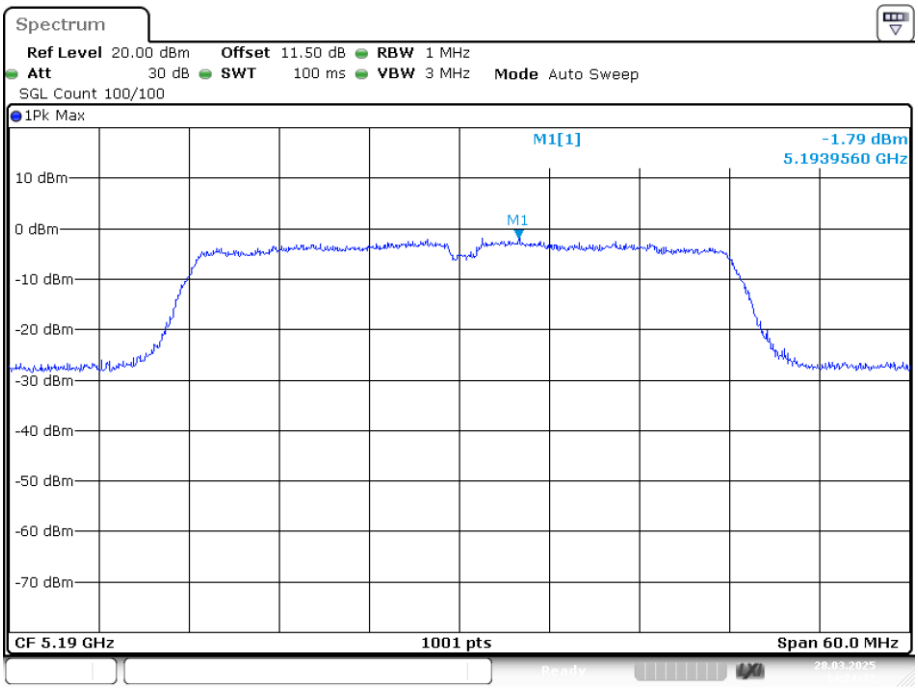
PSD NVNT n20 5200MHz Ant1



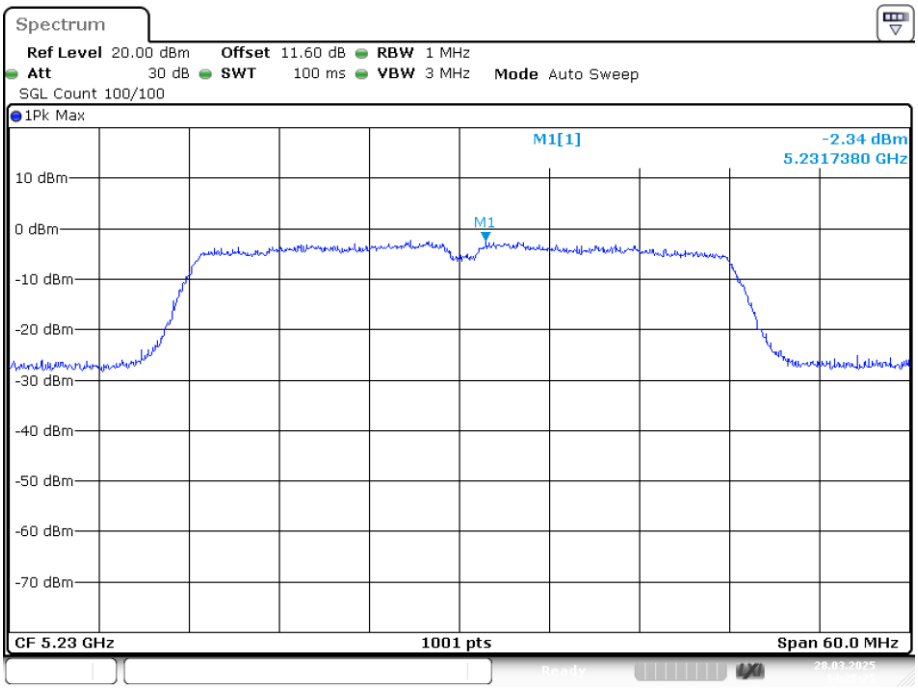
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

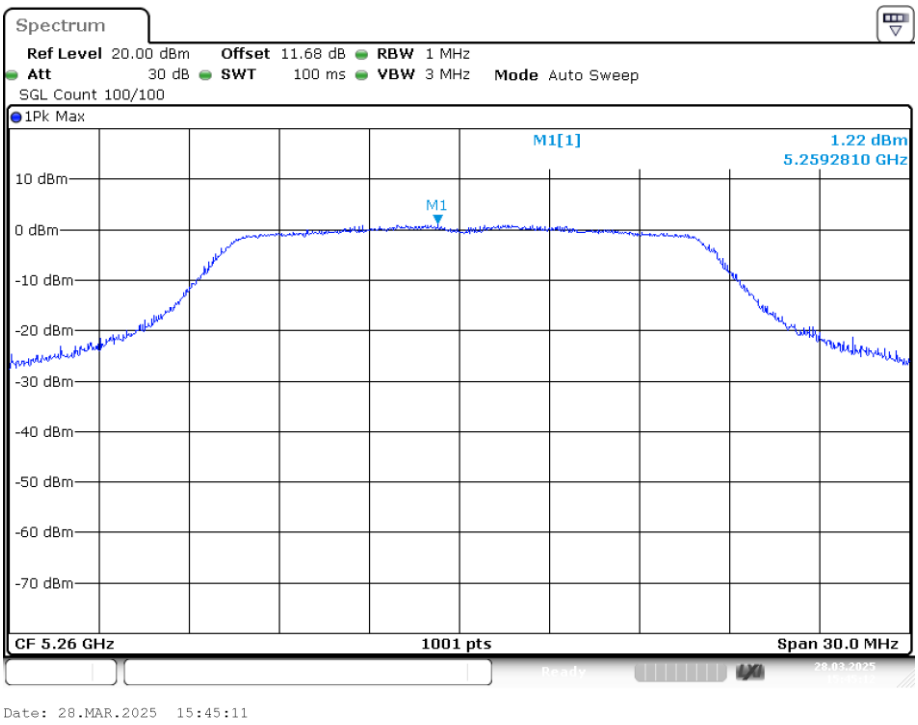


Date: 28.MAR.2025 14:28:25

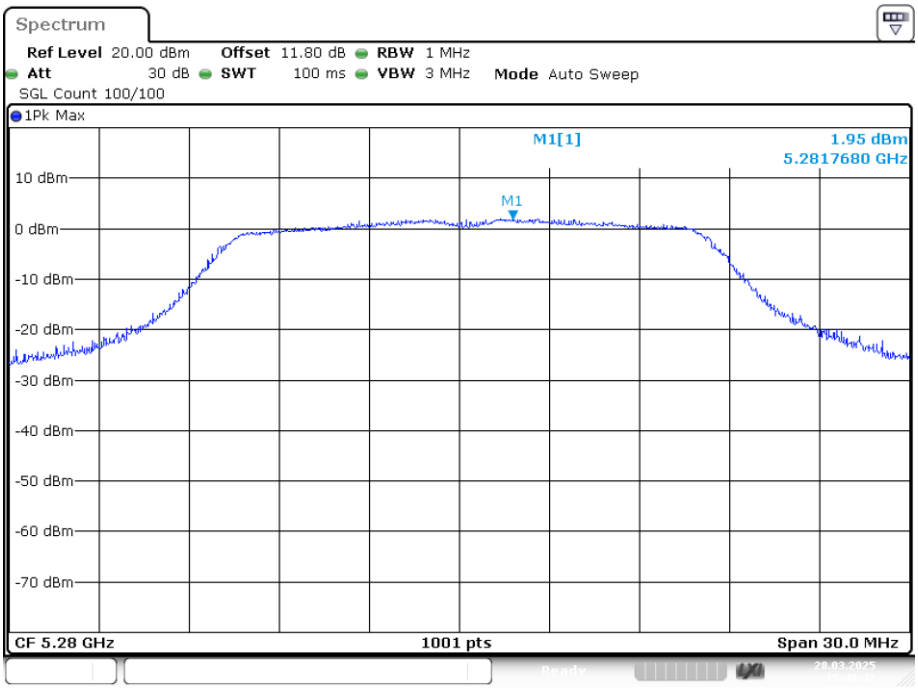
Band 2 (5250 -5350 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	1.216	11	Pass
NVNT	a	5280	Ant1	1.954	11	Pass
NVNT	a	5320	Ant1	2.932	11	Pass
NVNT	ac20	5260	Ant1	-7.822	11	Pass
NVNT	ac20	5280	Ant1	-6.891	11	Pass
NVNT	ac20	5320	Ant1	-6.082	11	Pass
NVNT	ac40	5270	Ant1	-2.874	11	Pass
NVNT	ac40	5310	Ant1	-1.895	11	Pass
NVNT	ac80	5290	Ant1	-4.224	11	Pass
NVNT	n20	5260	Ant1	2.001	11	Pass
NVNT	n20	5280	Ant1	3.159	11	Pass
NVNT	n20	5320	Ant1	3.86	11	Pass
NVNT	n40	5270	Ant1	-2.034	11	Pass
NVNT	n40	5310	Ant1	-1.261	11	Pass

PSD NVNT a 5260MHz Ant1

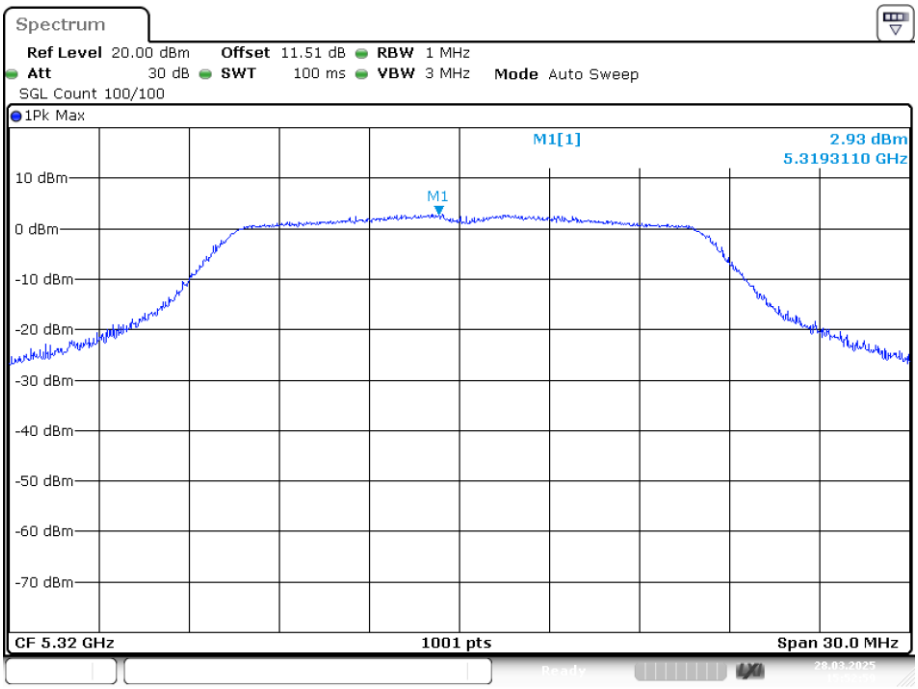


PSD NVNT a 5280MHz Ant1



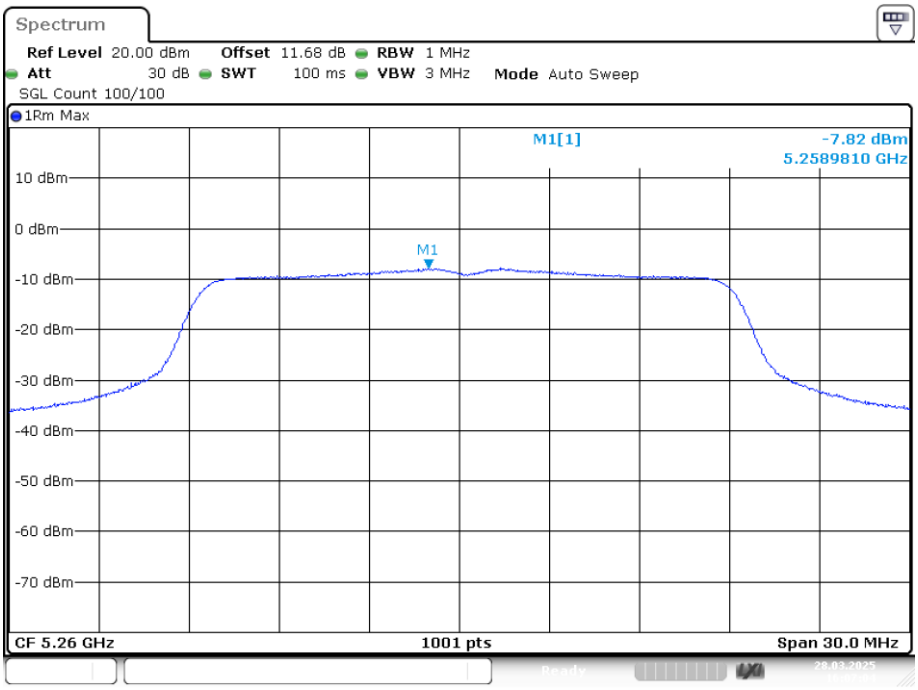
Date: 28.MAR.2025 15:48:42

PSD NVNT a 5320MHz Ant1

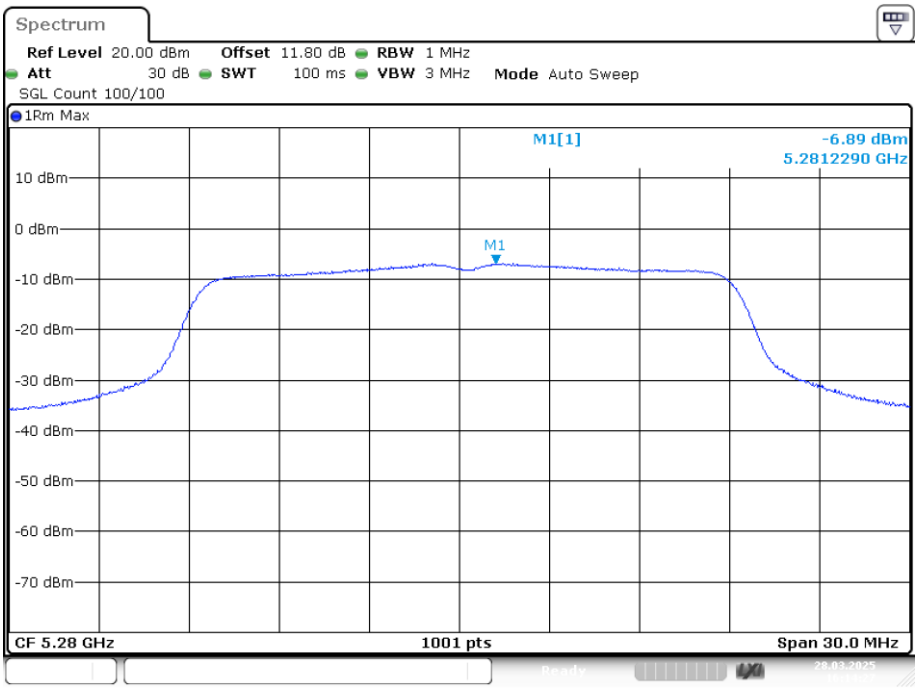


Date: 28.MAR.2025 15:52:59

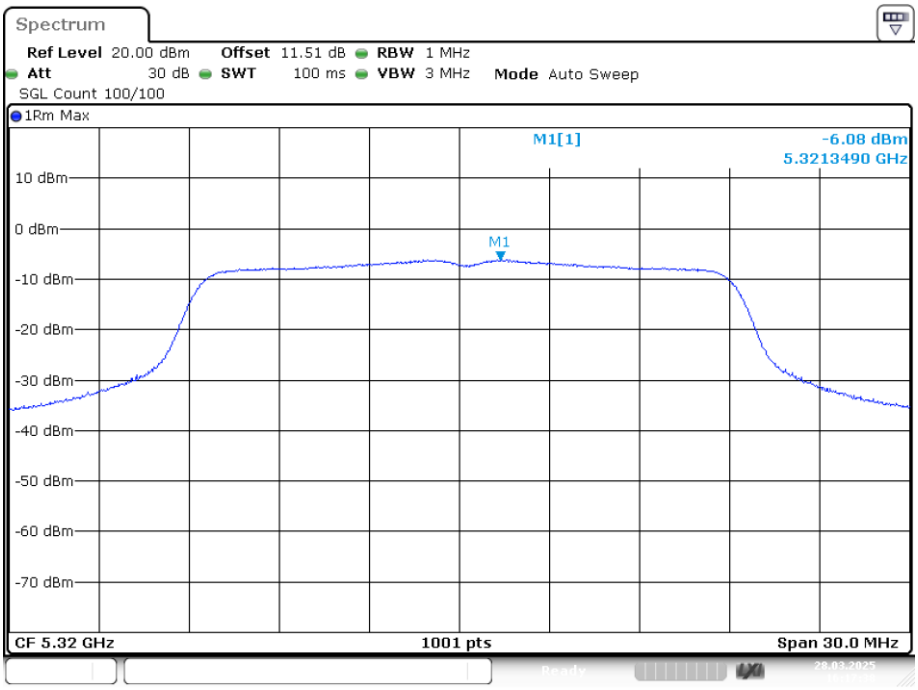
PSD NVNT ac20 5260MHz Ant1



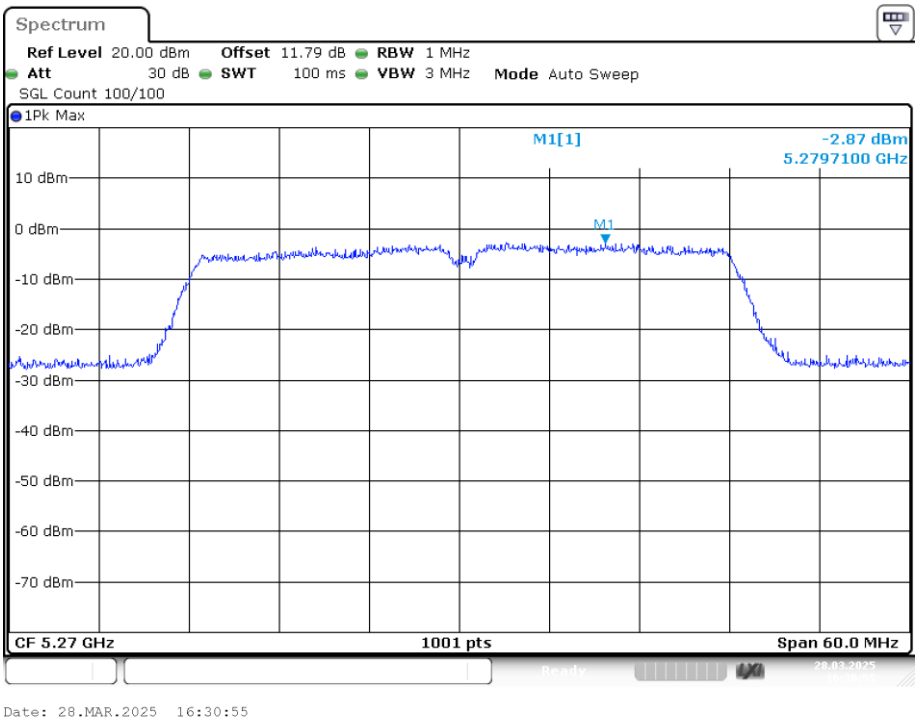
PSD NVNT ac20 5280MHz Ant1



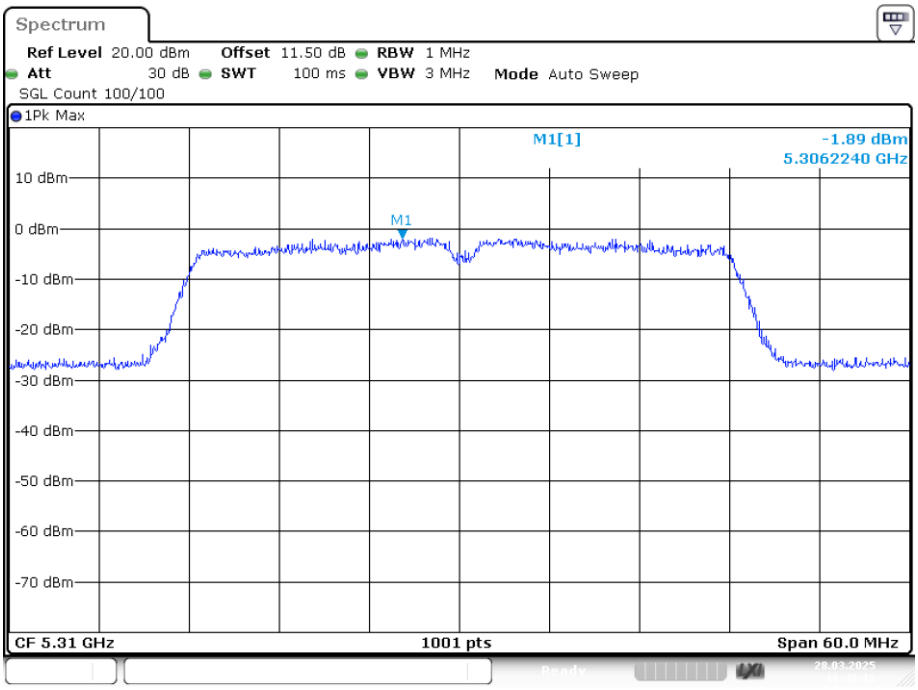
PSD NVNT ac20 5320MHz Ant1



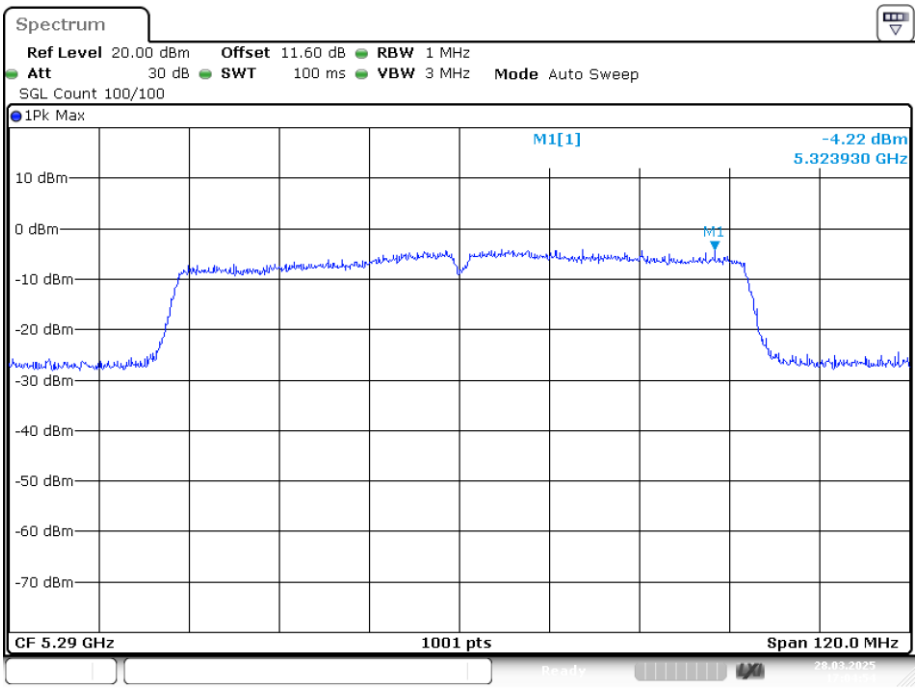
PSD NVNT ac40 5270MHz Ant1



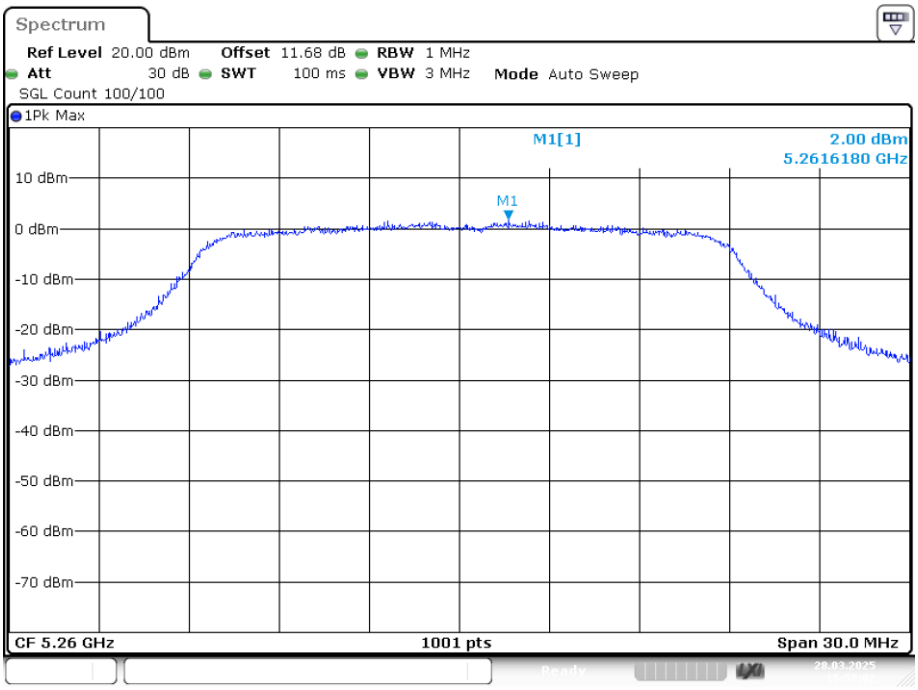
PSD NVNT ac40 5310MHz Ant1



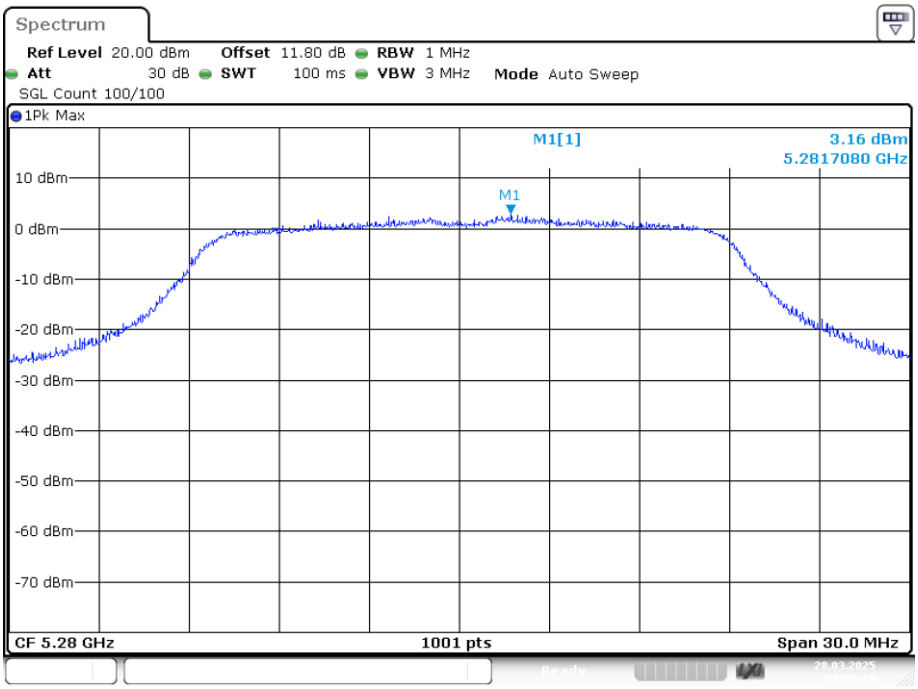
PSD NVNT ac80 5290MHz Ant1



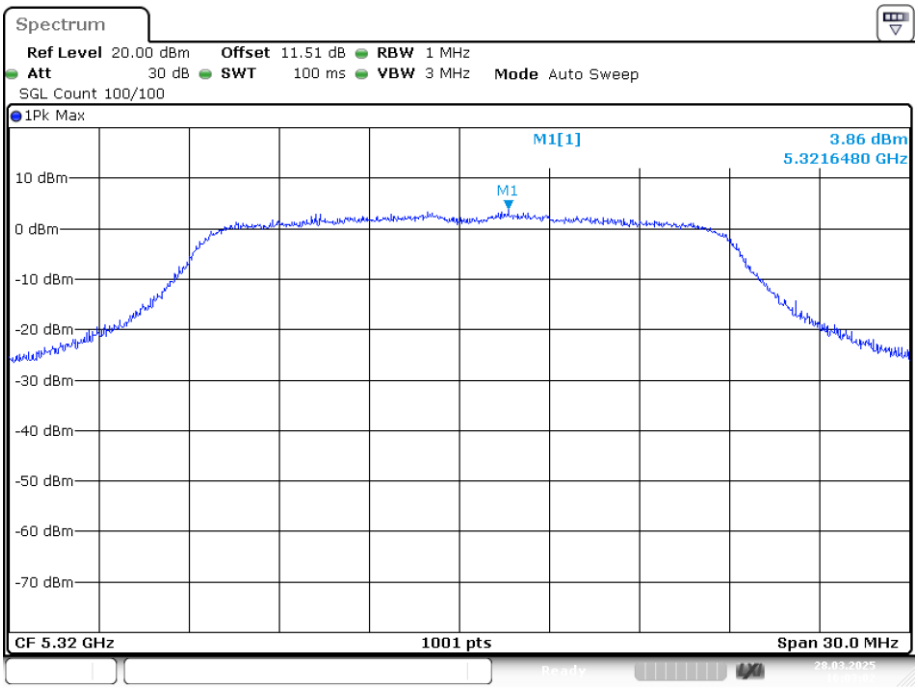
PSD NVNT n20 5260MHz Ant1



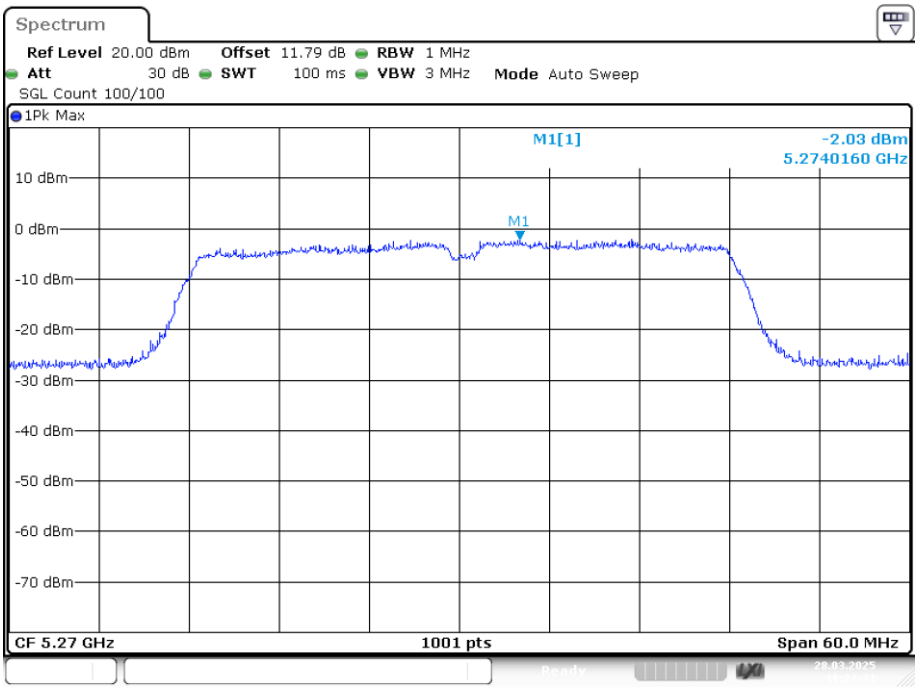
PSD NVNT n20 5280MHz Ant1



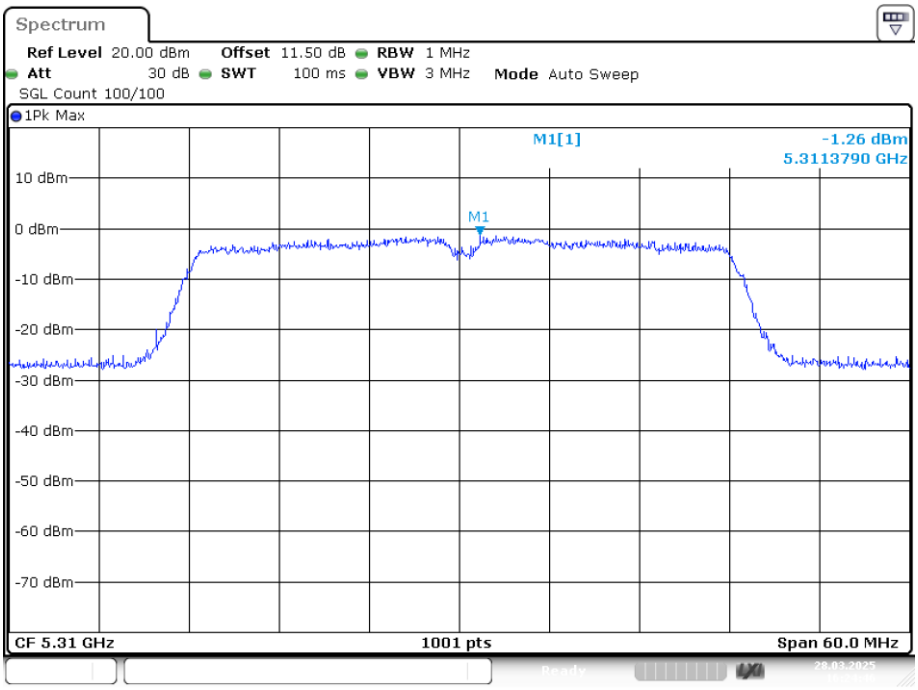
PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1

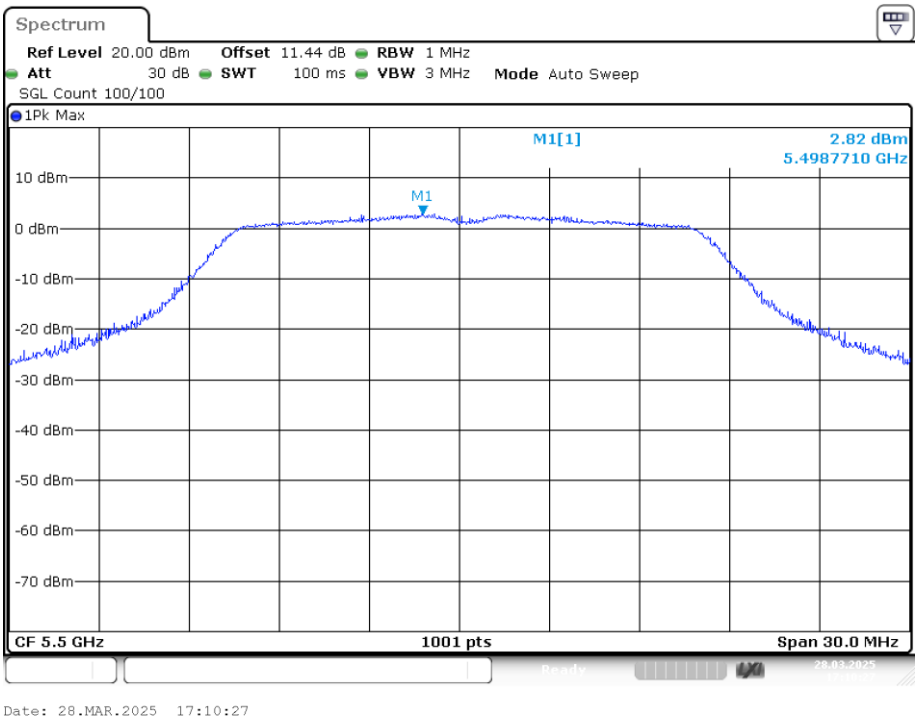


Date: 28.MAR.2025 16:24:46

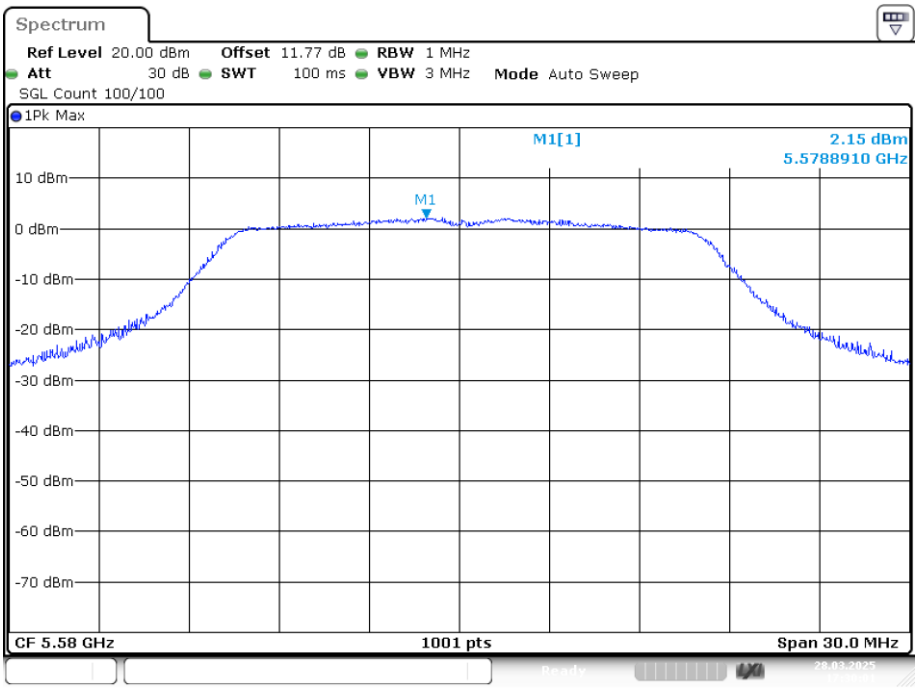
Band 3 (5470 -5725 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	2.819	11	Pass
NVNT	a	5580	Ant1	2.151	11	Pass
NVNT	a	5700	Ant1	-1.181	11	Pass
NVNT	ac20	5500	Ant1	5.234	11	Pass
NVNT	ac20	5580	Ant1	4.77	11	Pass
NVNT	ac20	5700	Ant1	1.753	11	Pass
NVNT	ac40	5510	Ant1	-0.374	11	Pass
NVNT	ac40	5670	Ant1	-2.59	11	Pass
NVNT	ac80	5530	Ant1	-2.19	11	Pass
NVNT	n20	5500	Ant1	3.704	11	Pass
NVNT	n20	5580	Ant1	3.016	11	Pass
NVNT	n20	5700	Ant1	1.399	11	Pass
NVNT	n40	5510	Ant1	1.409	11	Pass
NVNT	n40	5670	Ant1	-2.717	11	Pass

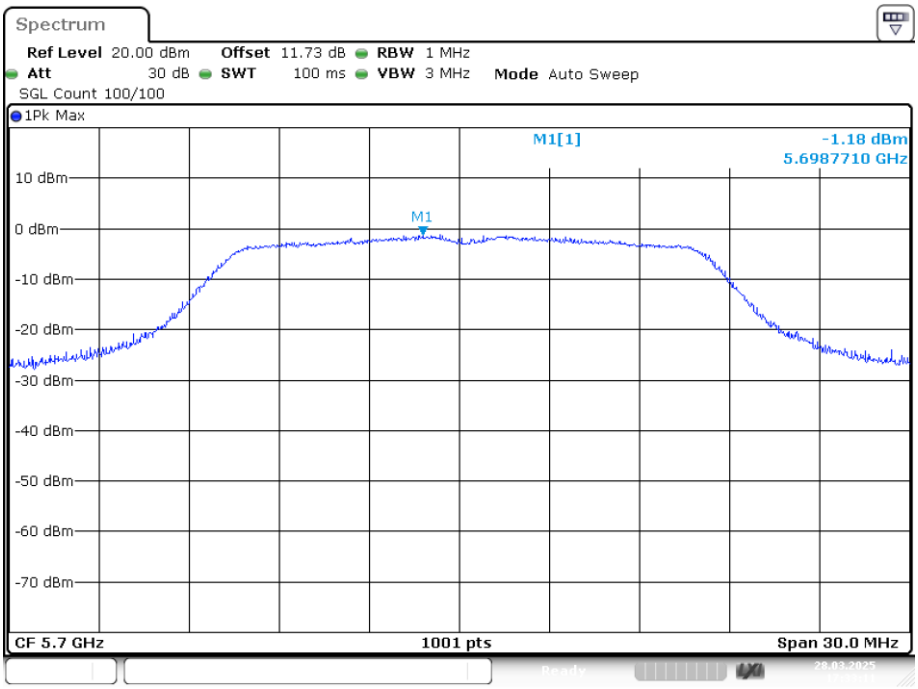
PSD NVNT a 5500MHz Ant1



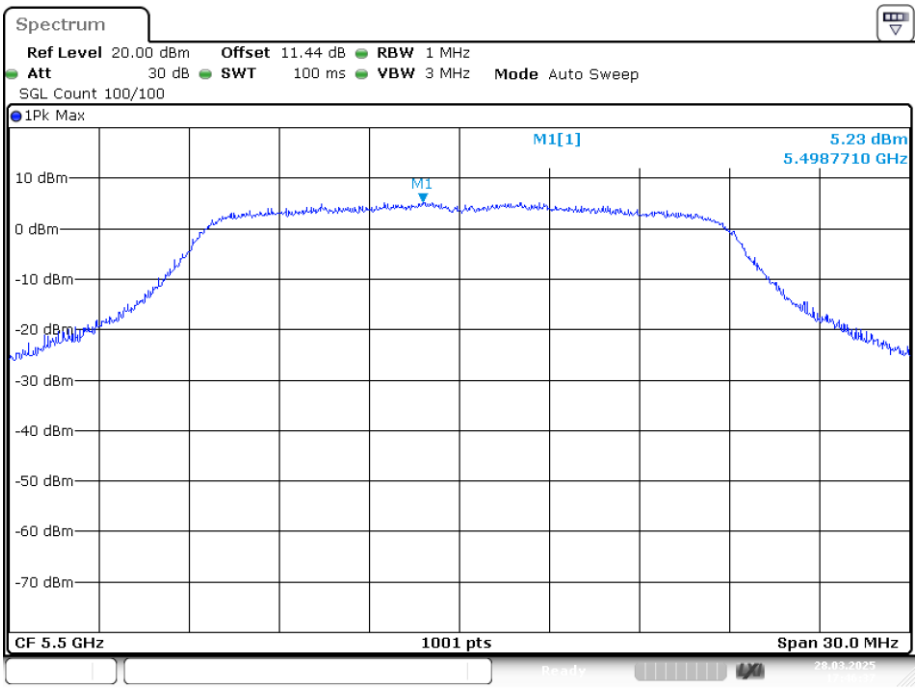
PSD NVNT a 5580MHz Ant1



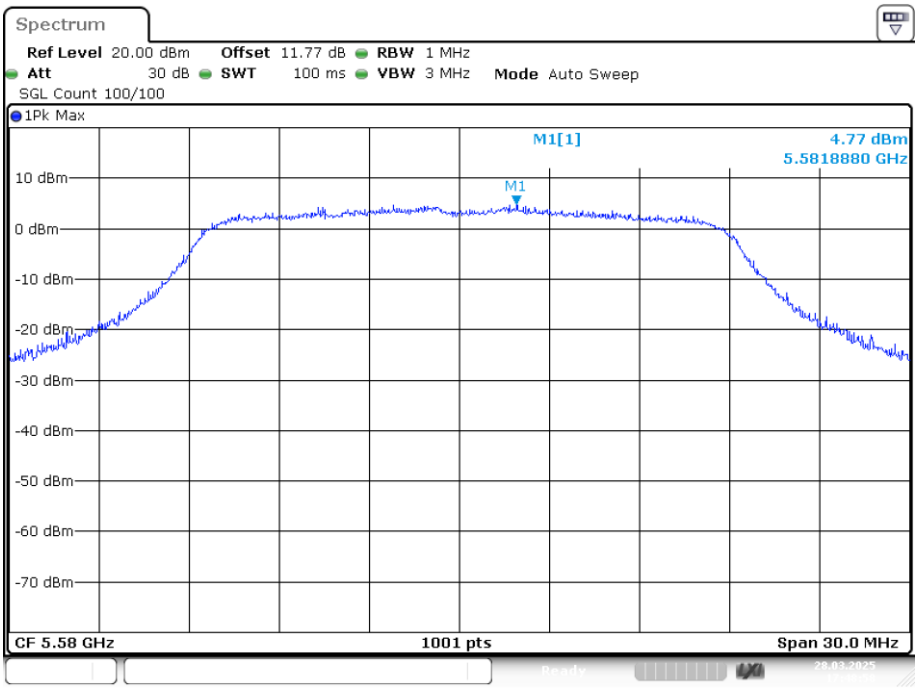
PSD NVNT a 5700MHz Ant1



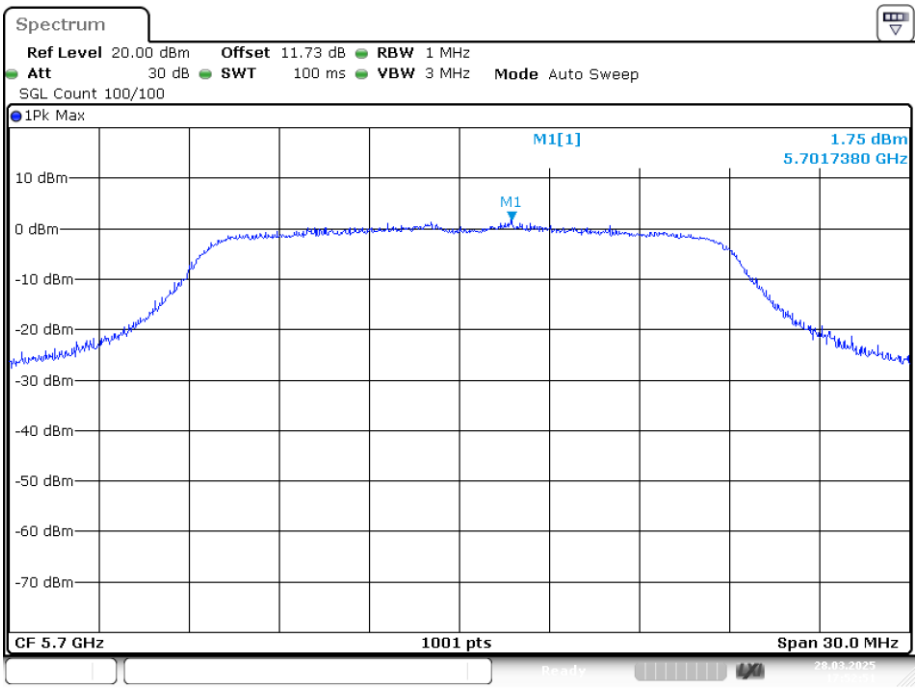
PSD NVNT ac20 5500MHz Ant1



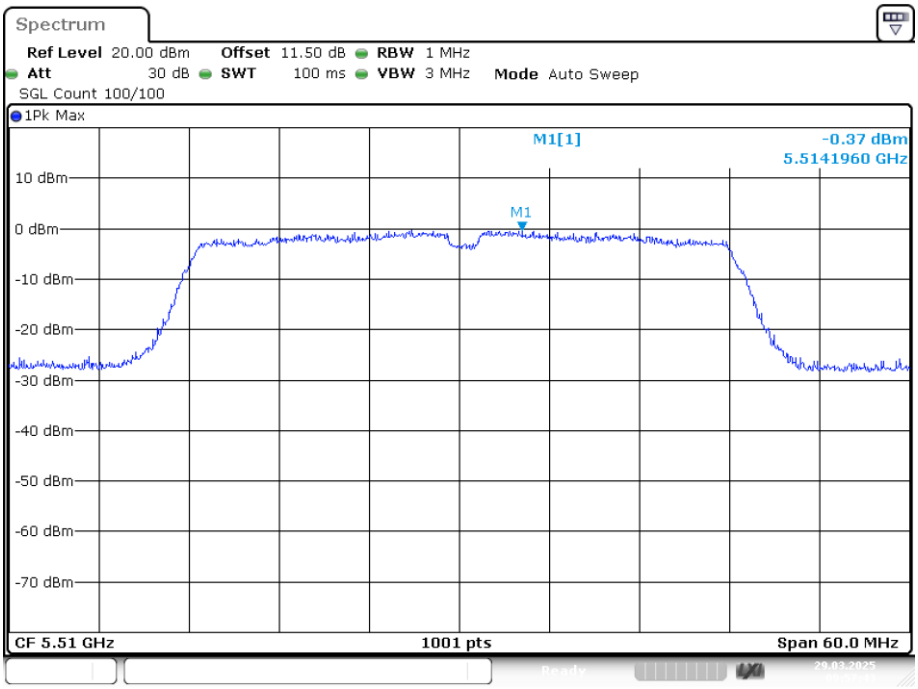
PSD NVNT ac20 5580MHz Ant1



PSD NVNT ac20 5700MHz Ant1



PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5670MHz Ant1