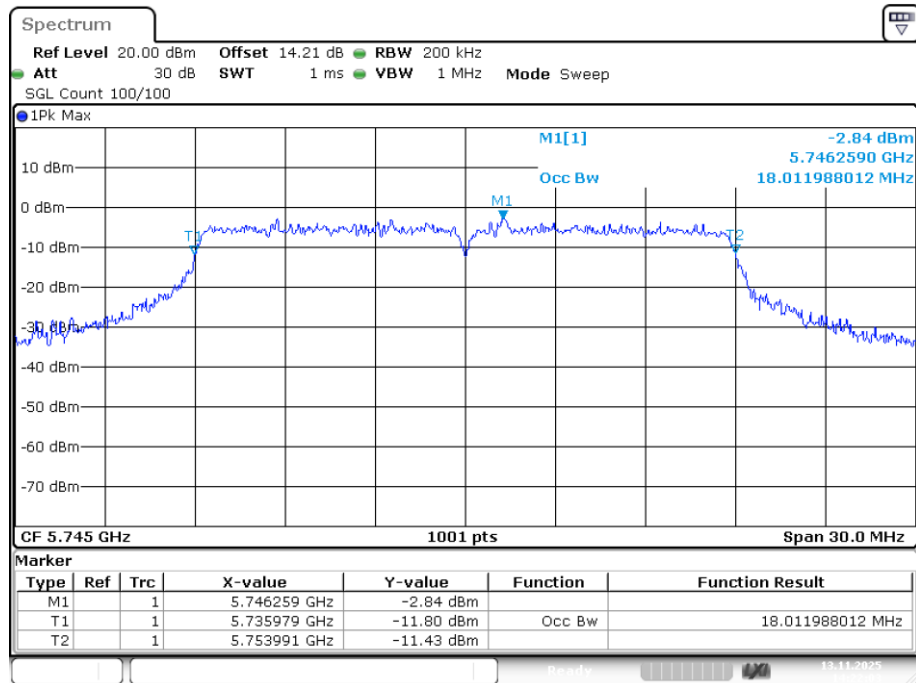
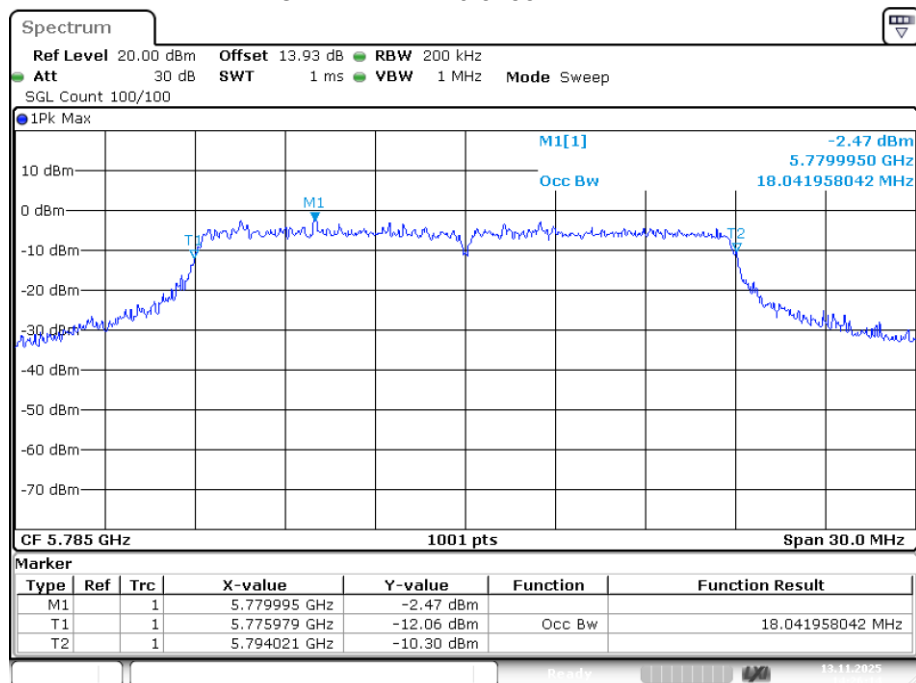
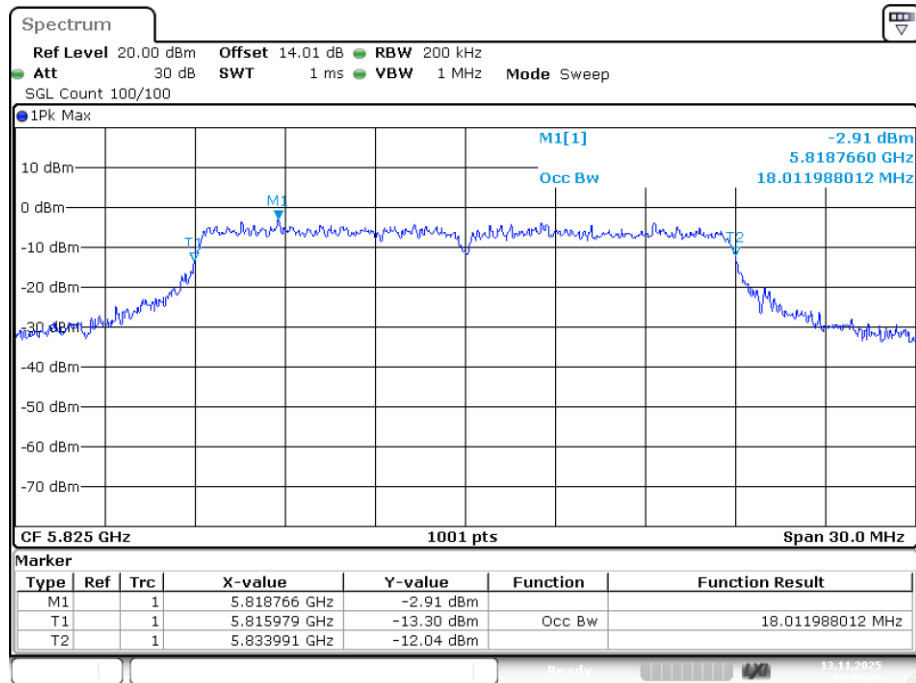




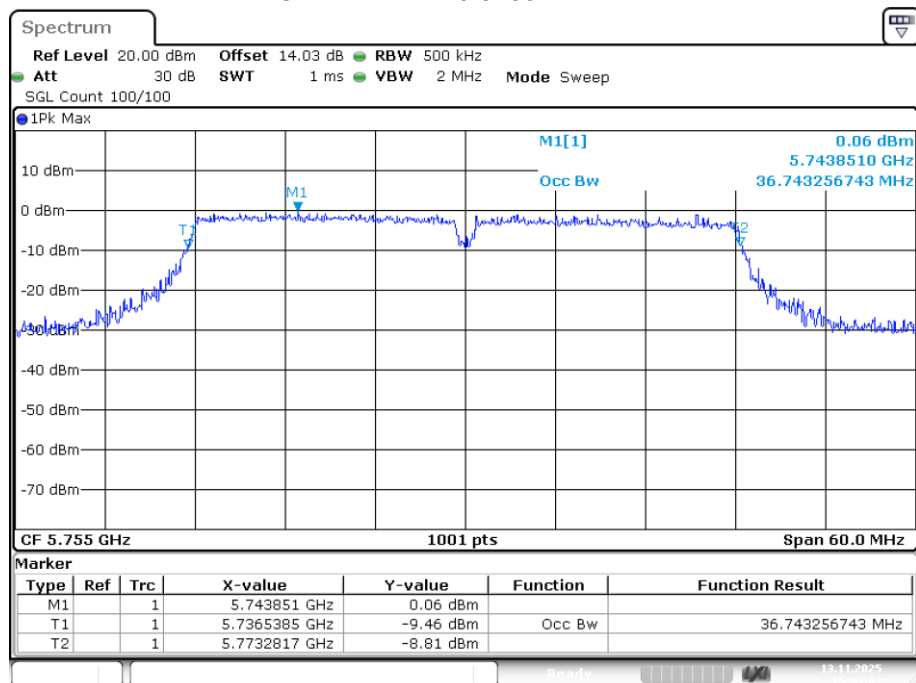
OBW NVNT n20 5785MHz Ant1



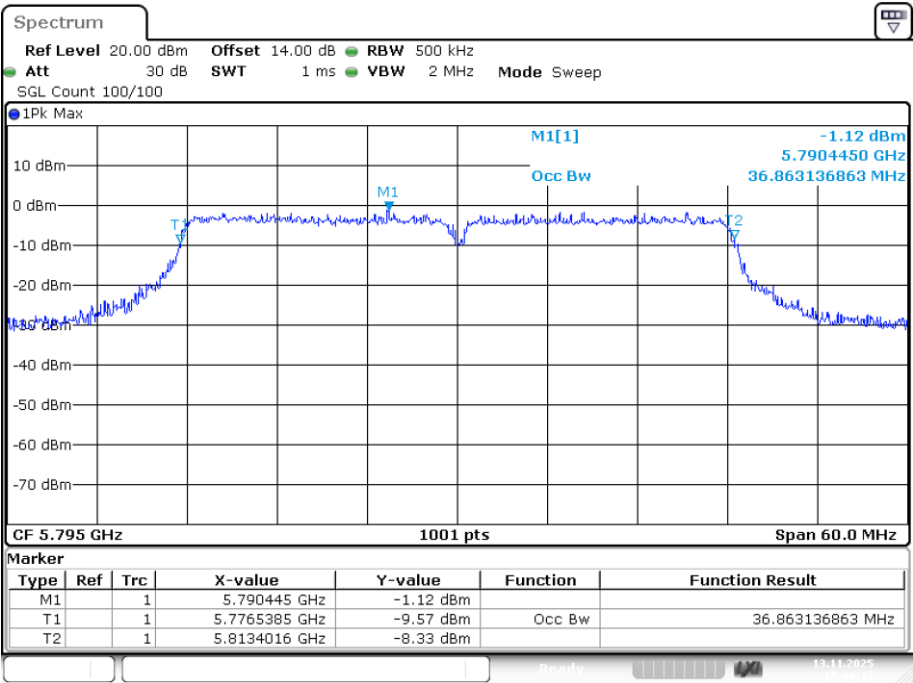
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



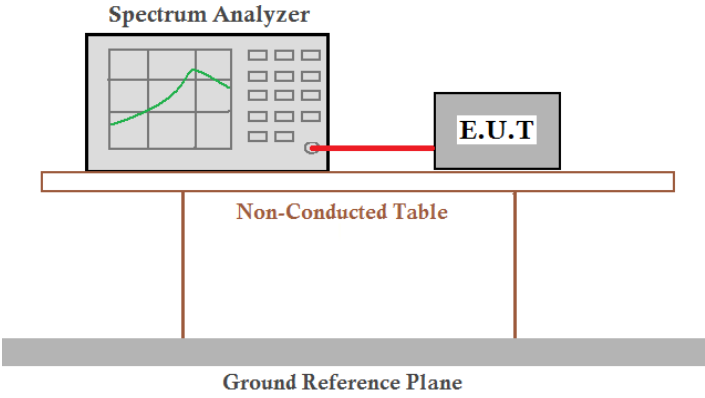
OBW NVNT n40 5795MHz Ant1



Date: 13.NOV.2025 15:06:13

Note: offset=cable factor

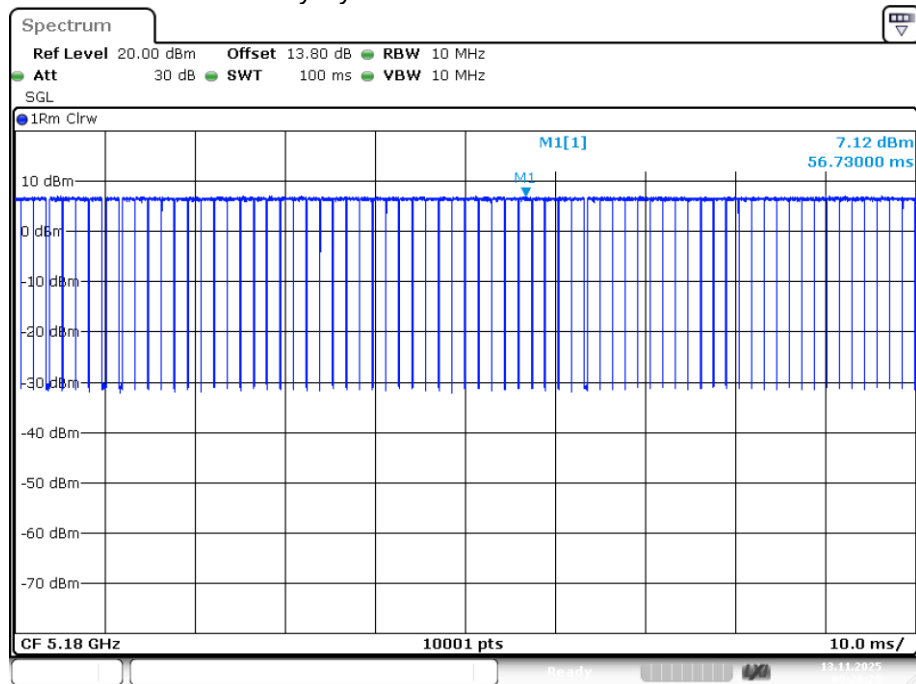
4.3 Duty Cycle

Test Requirement:	FCC Part15 E Section 15.407, RSS-247 Issue 3
Test Method:	ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Limit:	/
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test procedure:	Measurements of duty cycle and transmission duration shall be performed using one of the following techniques: - A diode detector and an oscilloscope that together have sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal. - Set the center frequency of the instrument to the center frequency of the transmission. Set RBW $\geq$ EBW if possible; otherwise, set RBW to the largest available value. Set VBW $\geq$ RBW. Set detector = peak.
Test results:	Pass

U-NII 1

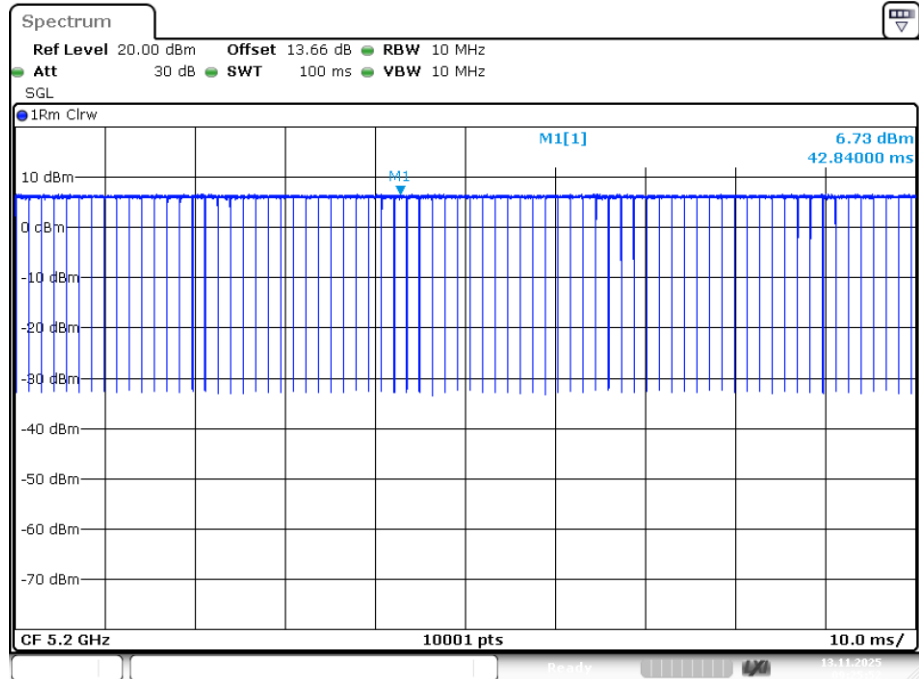
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	93.98	0.27
NVNT	a	5200	Ant1	98.11	0.08
NVNT	a	5240	Ant1	86.6	0.62
NVNT	ac20	5180	Ant1	97.93	0.09
NVNT	ac20	5200	Ant1	93.19	0.31
NVNT	ac20	5240	Ant1	97.99	0.09
NVNT	ac40	5190	Ant1	95.77	0.19
NVNT	ac40	5230	Ant1	96.06	0.17
NVNT	ax20	5180	Ant1	97.24	0.12
NVNT	ax20	5200	Ant1	96.4	0.16
NVNT	ax20	5240	Ant1	97.41	0.11
NVNT	ax40	5190	Ant1	94.69	0.24
NVNT	ax40	5230	Ant1	95.28	0.21
NVNT	n20	5180	Ant1	99.75	0.01
NVNT	n20	5200	Ant1	99.16	0.04
NVNT	n20	5240	Ant1	99.74	0.01
NVNT	n40	5190	Ant1	99.88	0.01
NVNT	n40	5230	Ant1	99.9	0

Duty Cycle NVNT a 5180MHz Ant1



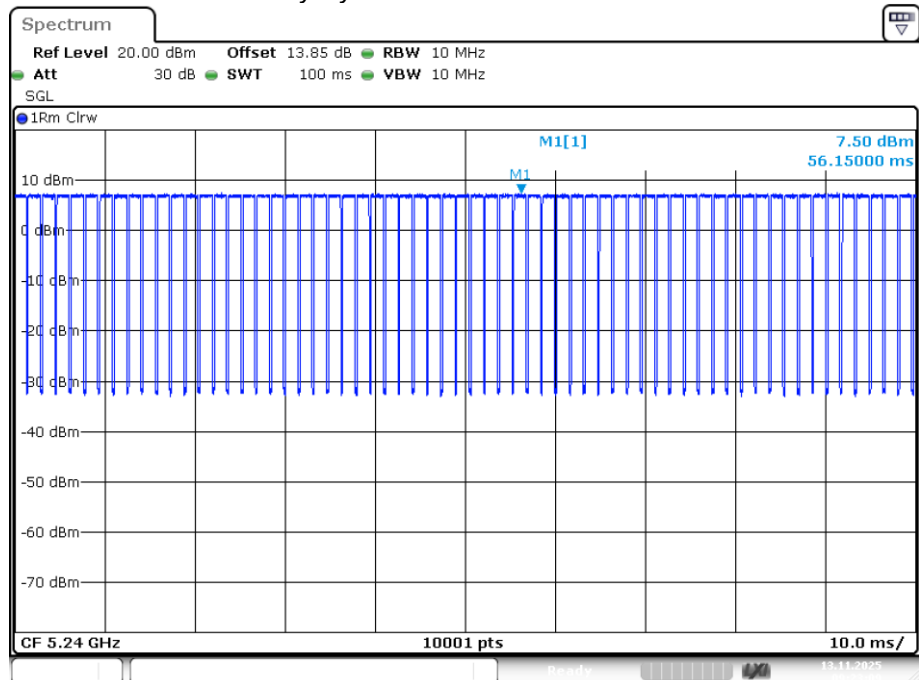
Date: 13.NOV.2025 09:28:26

Duty Cycle NVNT a 5200MHz Ant1



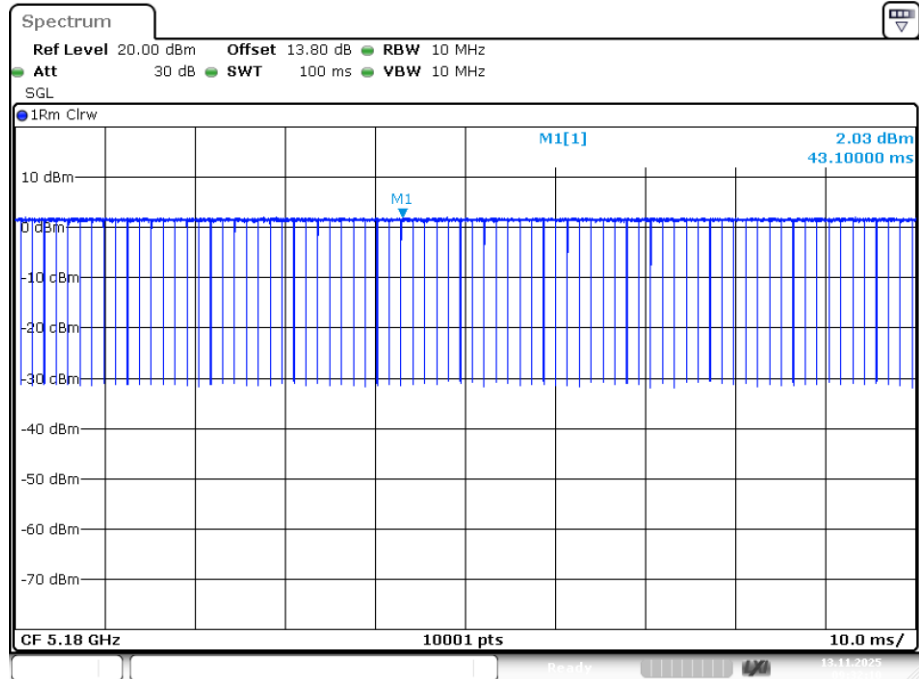
Date: 13.NOV.2025 09:25:52

Duty Cycle NVNT a 5240MHz Ant1



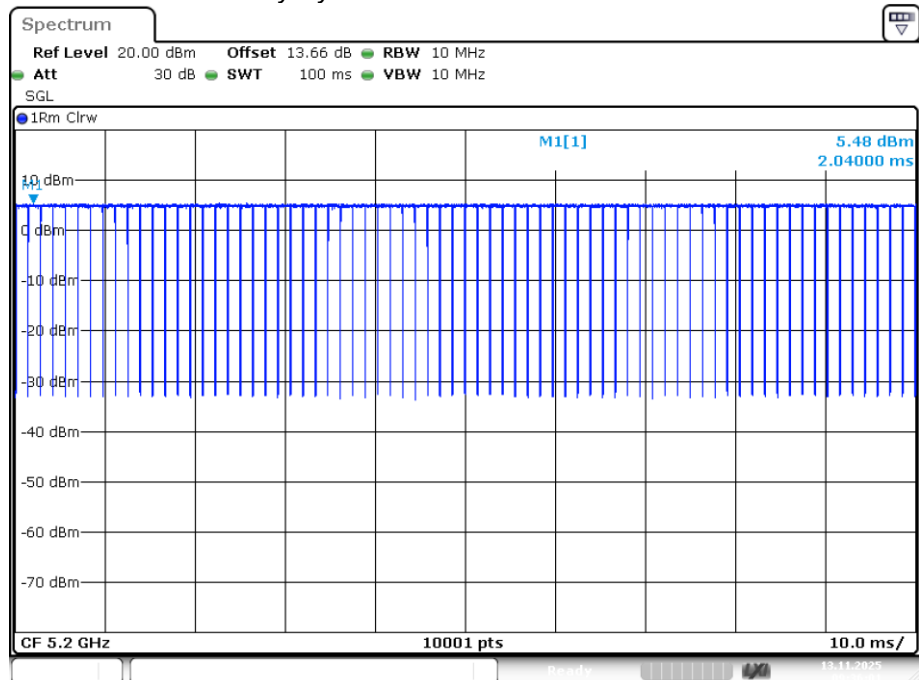
Date: 13.NOV.2025 09:23:09

Duty Cycle NVNT ac20 5180MHz Ant1



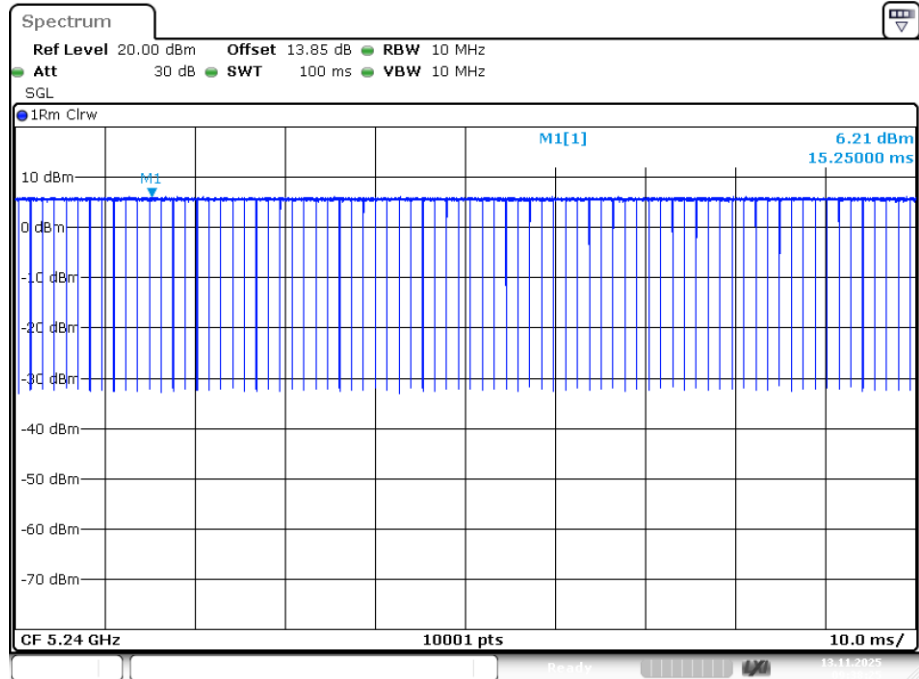
Date: 13.NOV.2025 09:32:09

Duty Cycle NVNT ac20 5200MHz Ant1



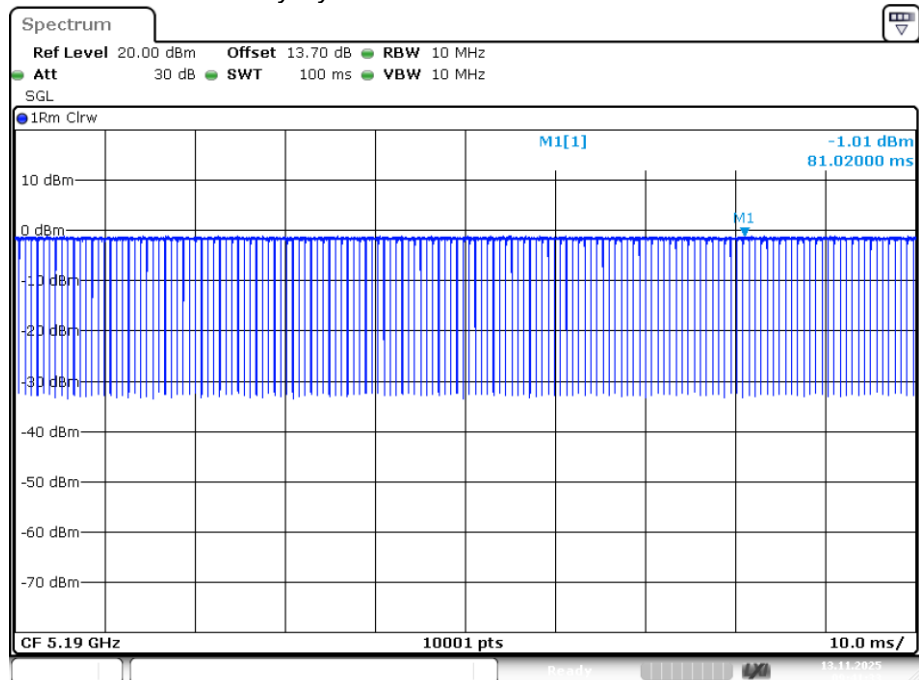
Date: 13.NOV.2025 09:36:00

Duty Cycle NVNT ac20 5240MHz Ant1



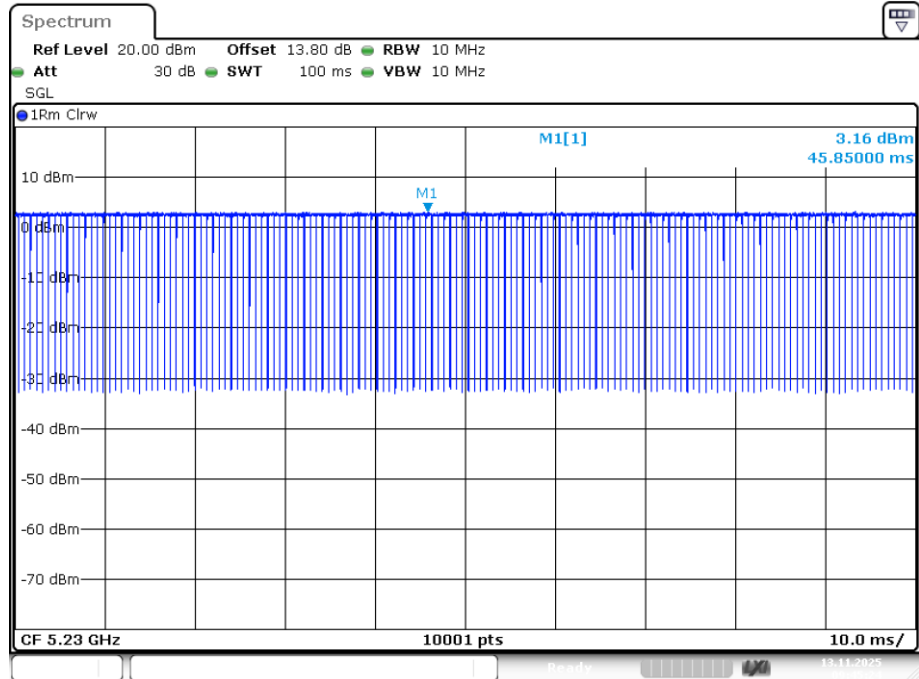
Date: 13.NOV.2025 09:38:25

Duty Cycle NVNT ac40 5190MHz Ant1



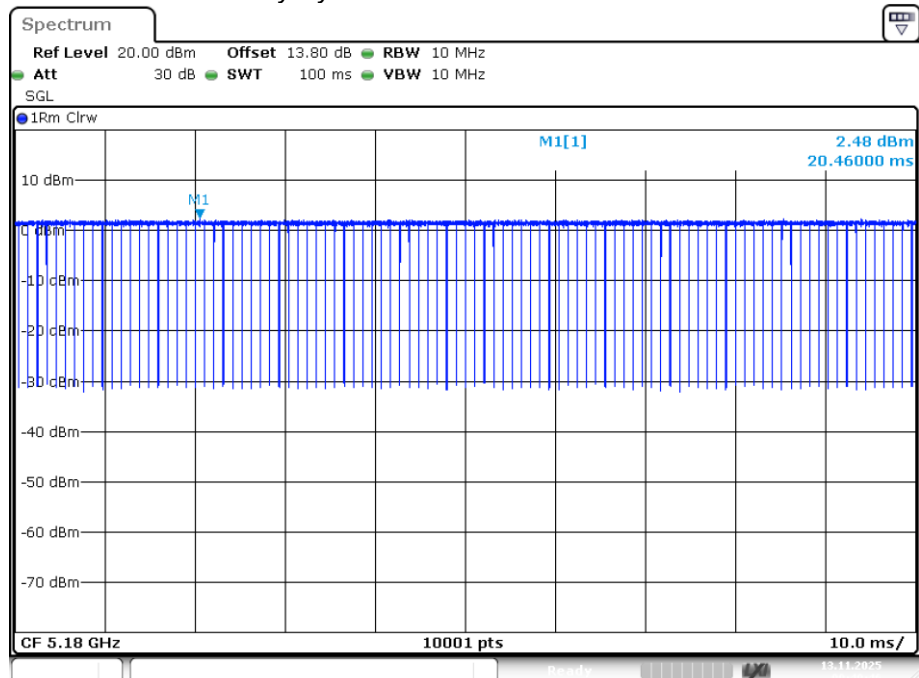
Date: 13.NOV.2025 09:41:32

Duty Cycle NVNT ac40 5230MHz Ant1



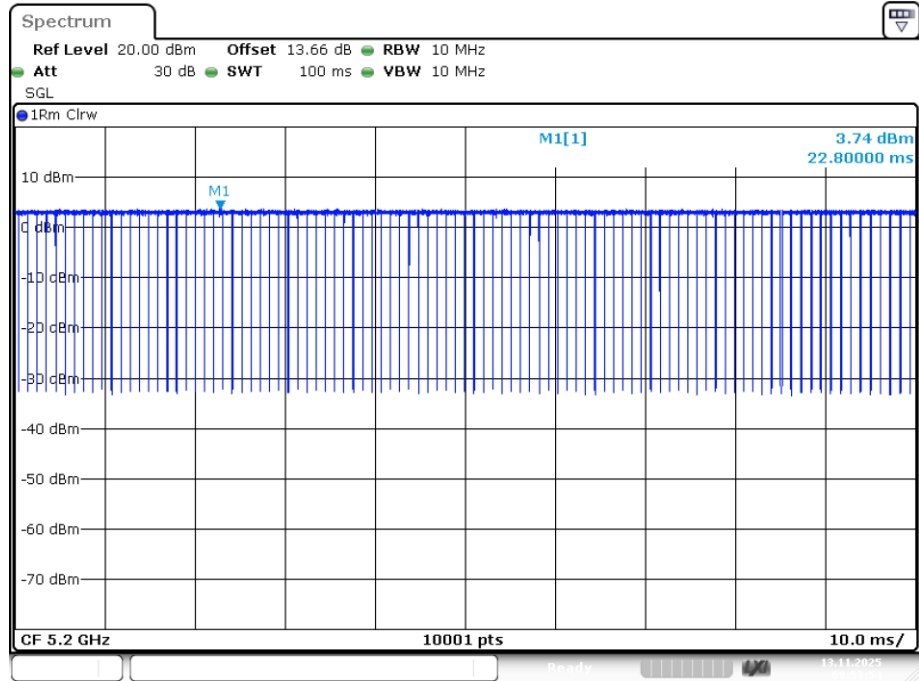
Date: 13.NOV.2025 09:45:24

Duty Cycle NVNT ax20 5180MHz Ant1



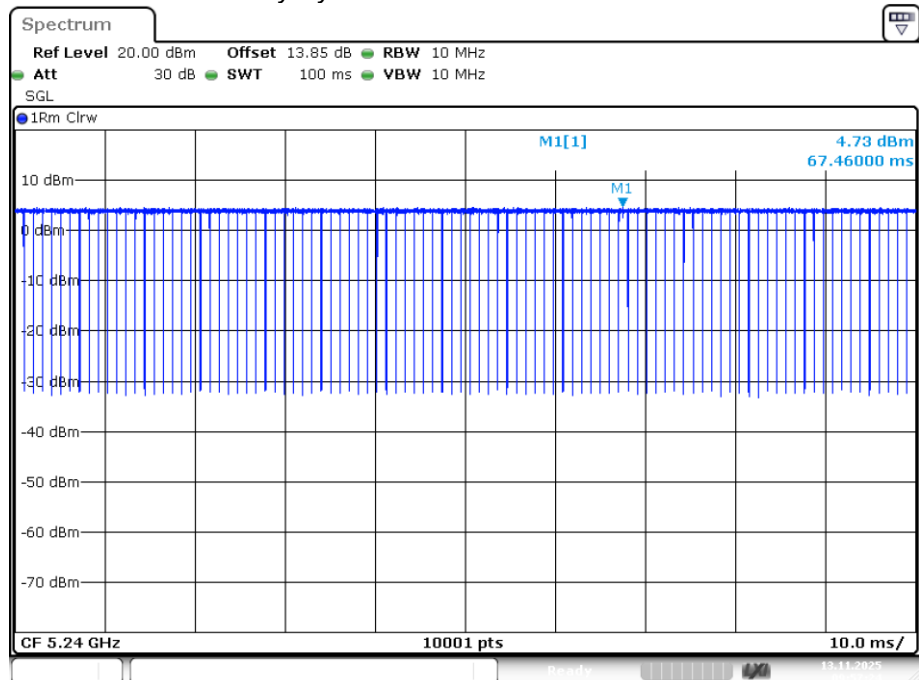
Date: 13.NOV.2025 09:49:46

Duty Cycle NVNT ax20 5200MHz Ant1



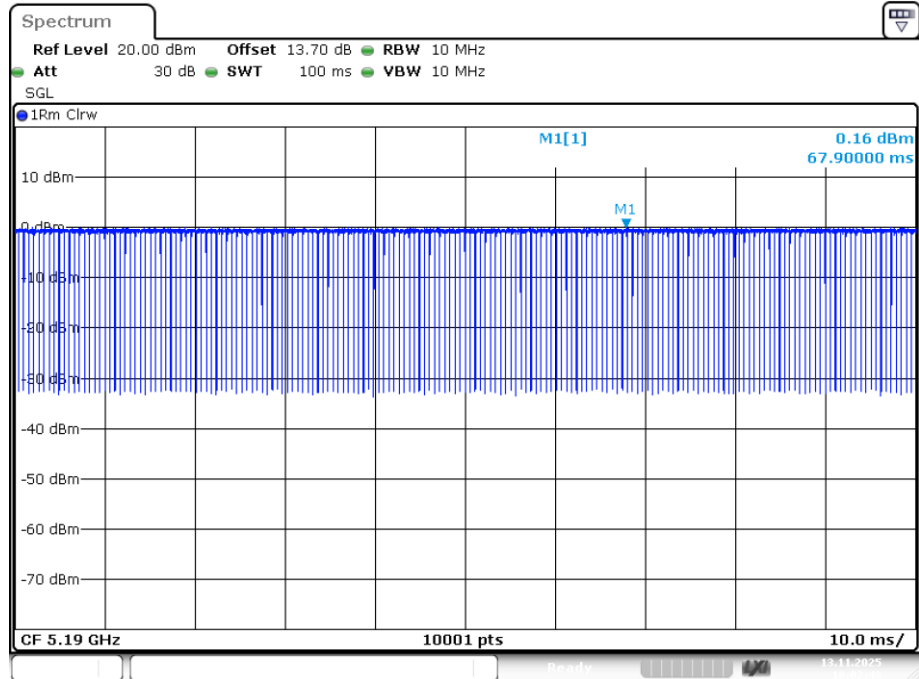
Date: 13.NOV.2025 09:53:55

Duty Cycle NVNT ax20 5240MHz Ant1



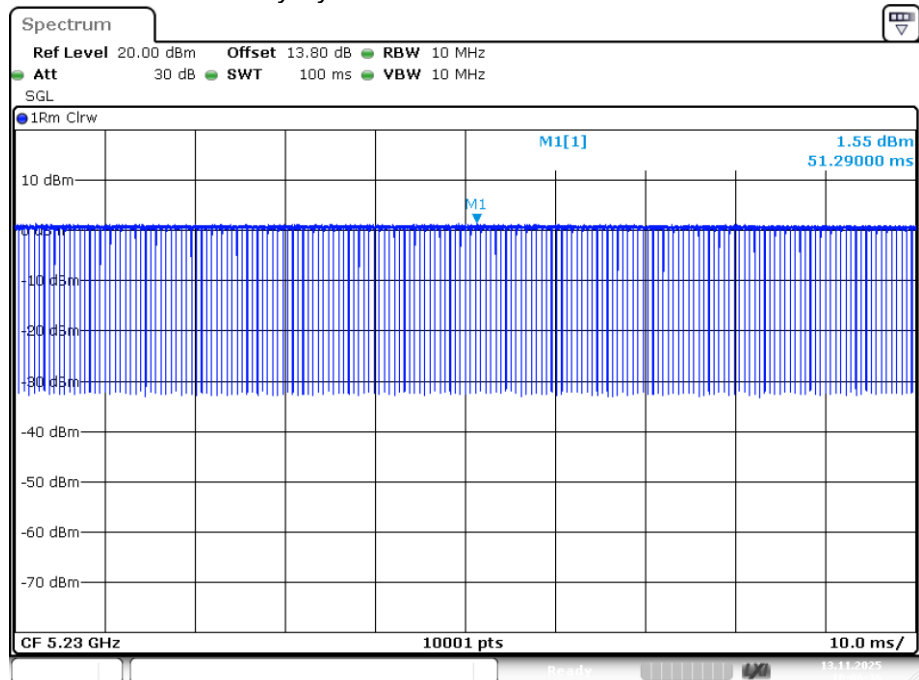
Date: 13.NOV.2025 09:57:24

Duty Cycle NVNT ax40 5190MHz Ant1



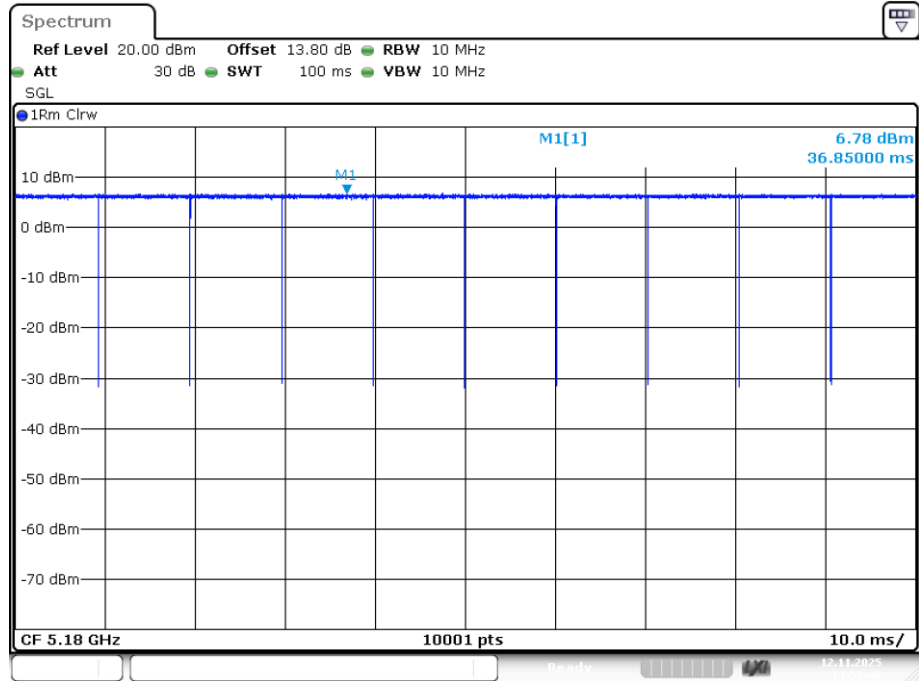
Date: 13.NOV.2025 10:02:48

Duty Cycle NVNT ax40 5230MHz Ant1



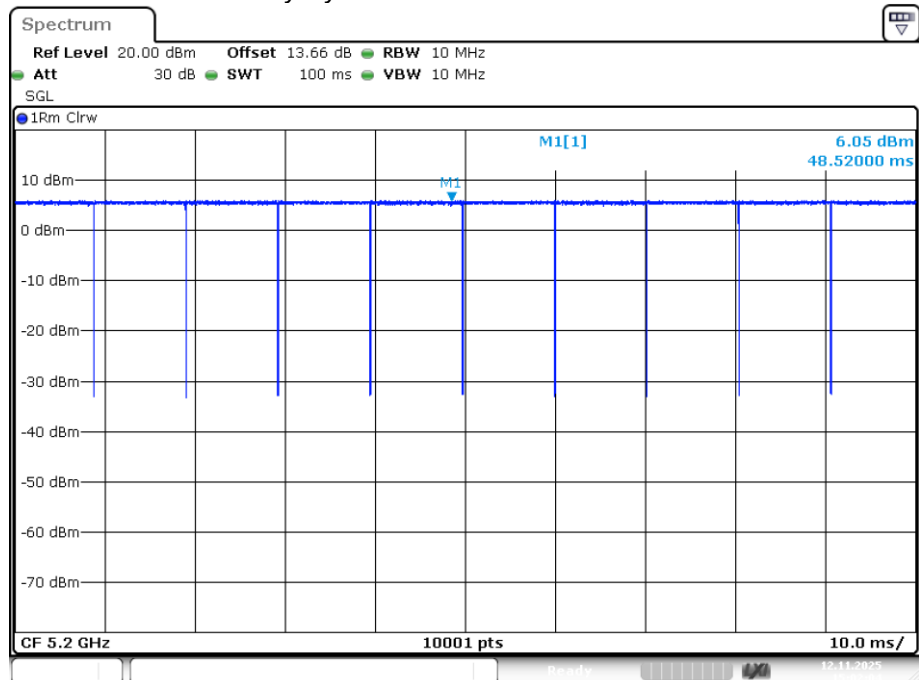
Date: 13.NOV.2025 10:06:36

Duty Cycle NVNT n20 5180MHz Ant1



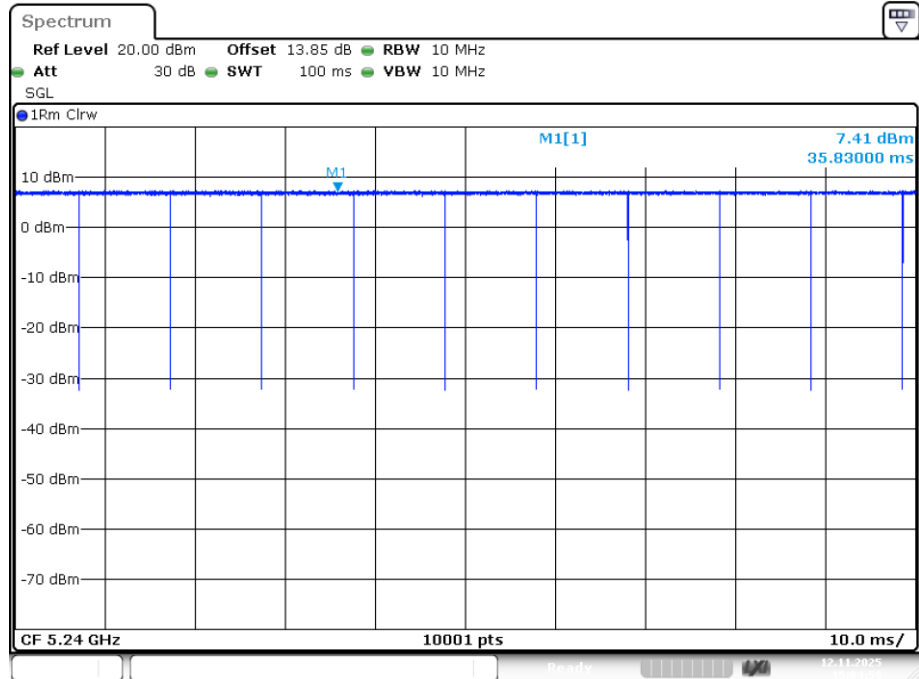
Date: 12.NOV.2025 14:58:46

Duty Cycle NVNT n20 5200MHz Ant1



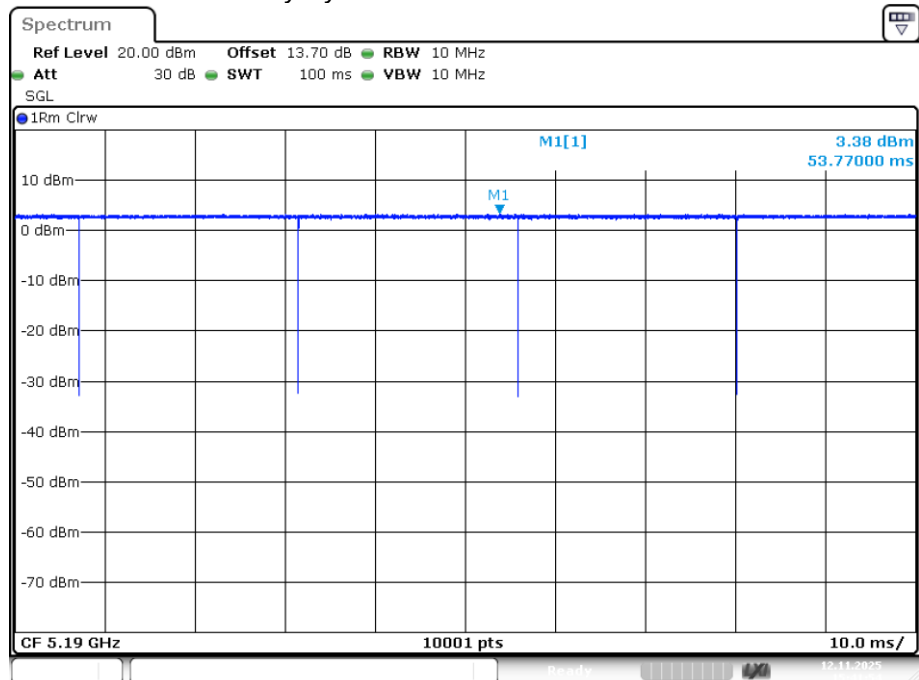
Date: 12.NOV.2025 15:02:03

Duty Cycle NVNT n20 5240MHz Ant1



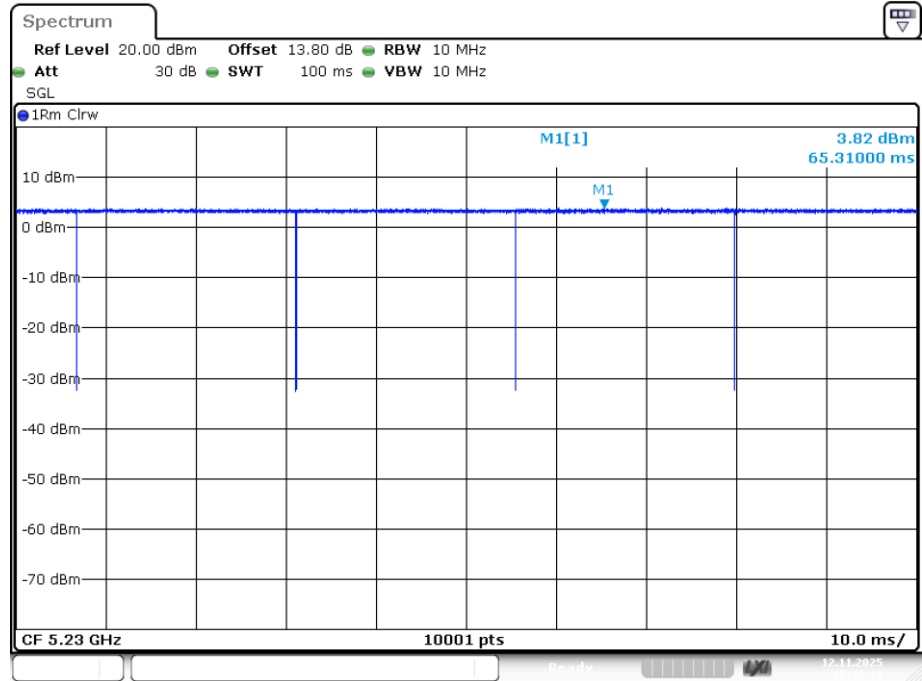
Date: 12.NOV.2025 15:05:00

Duty Cycle NVNT n40 5190MHz Ant1



Date: 12.NOV.2025 15:41:53

Duty Cycle NVNT n40 5230MHz Ant1



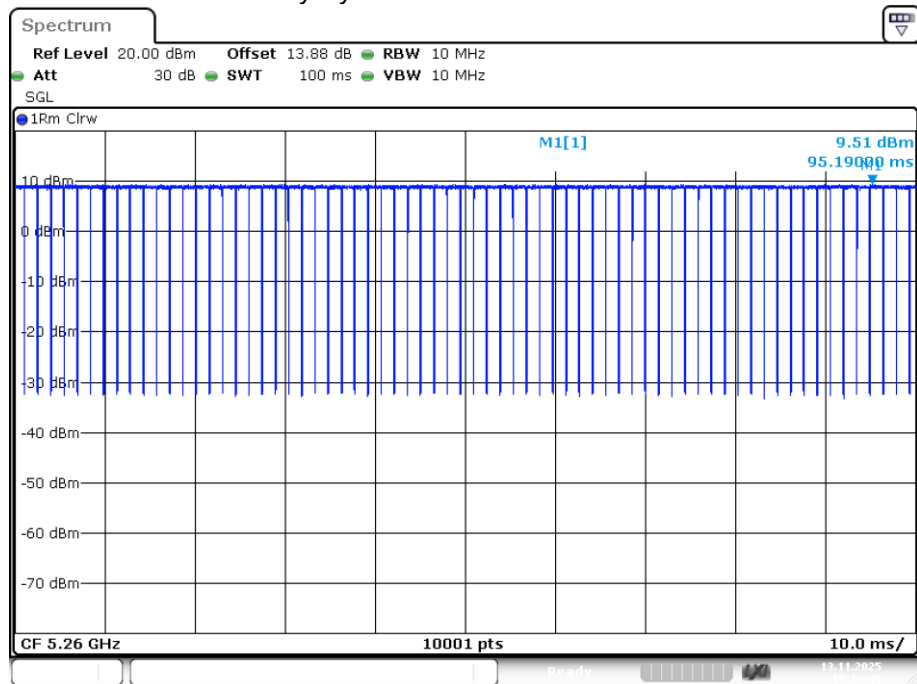
Date: 12.NOV.2025 15:45:18

Note: offset=cable factor

UNII-2A

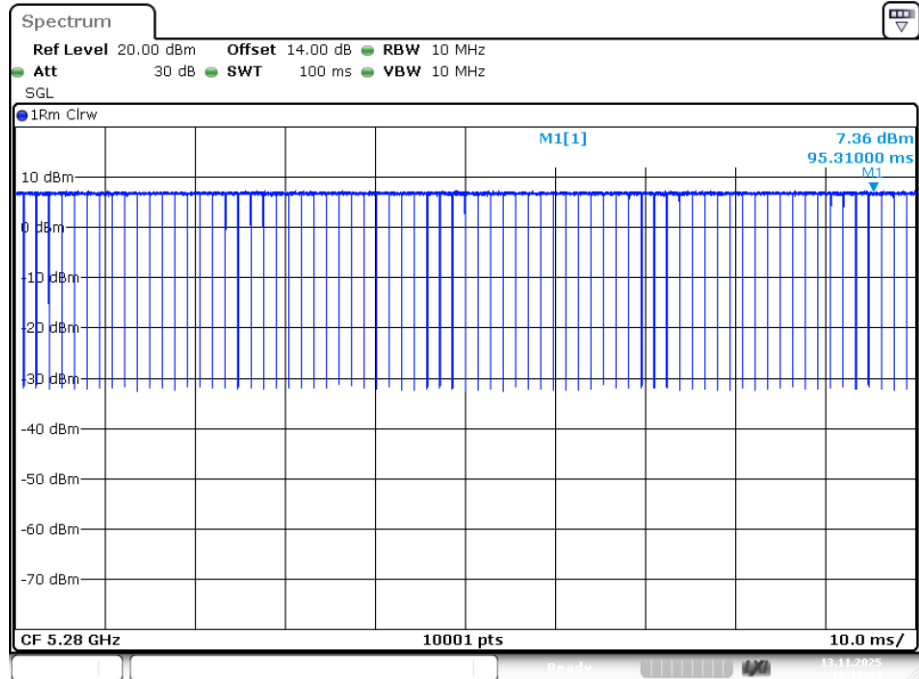
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	93.65	0.28
NVNT	a	5280	Ant1	98.14	0.08
NVNT	a	5320	Ant1	98.13	0.08
NVNT	ac20	5260	Ant1	92.1	0.36
NVNT	ac20	5280	Ant1	93.27	0.3
NVNT	ac20	5320	Ant1	93.28	0.3
NVNT	ac40	5270	Ant1	99.42	0.03
NVNT	ac40	5310	Ant1	99.46	0.02
NVNT	ax20	5260	Ant1	82.71	0.82
NVNT	ax20	5280	Ant1	91.47	0.39
NVNT	ax20	5320	Ant1	91.43	0.39
NVNT	ax40	5270	Ant1	85.09	0.7
NVNT	ax40	5310	Ant1	85.03	0.7
NVNT	n20	5260	Ant1	99.82	0.01
NVNT	n20	5280	Ant1	99.74	0.01
NVNT	n20	5320	Ant1	99.72	0.01
NVNT	n40	5270	Ant1	98.13	0.08
NVNT	n40	5310	Ant1	99.48	0.02

Duty Cycle NVNT a 5260MHz Ant1



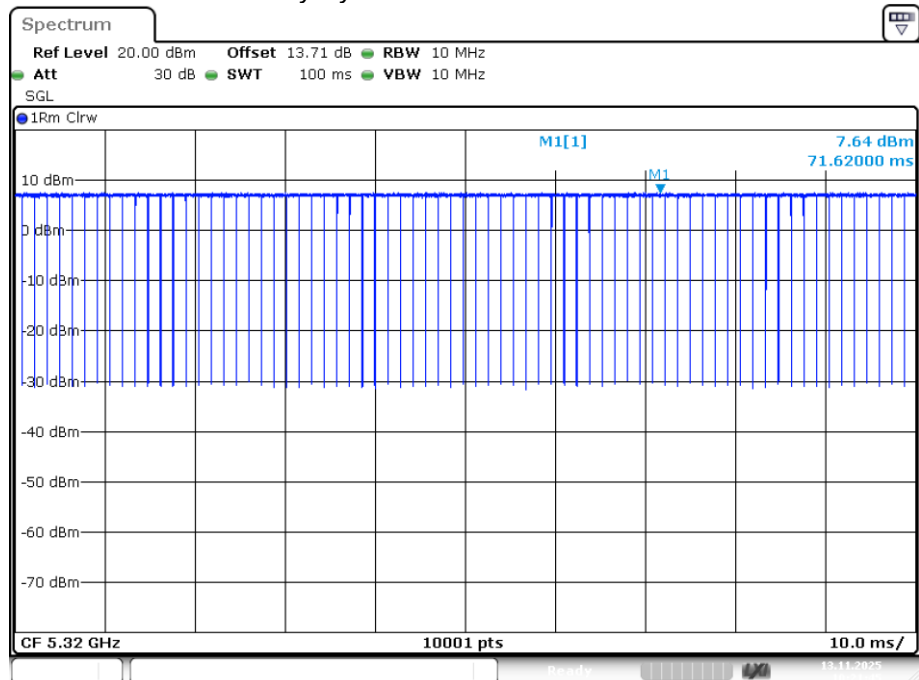
Date: 13.NOV.2025 10:14:49

Duty Cycle NVNT a 5280MHz Ant1



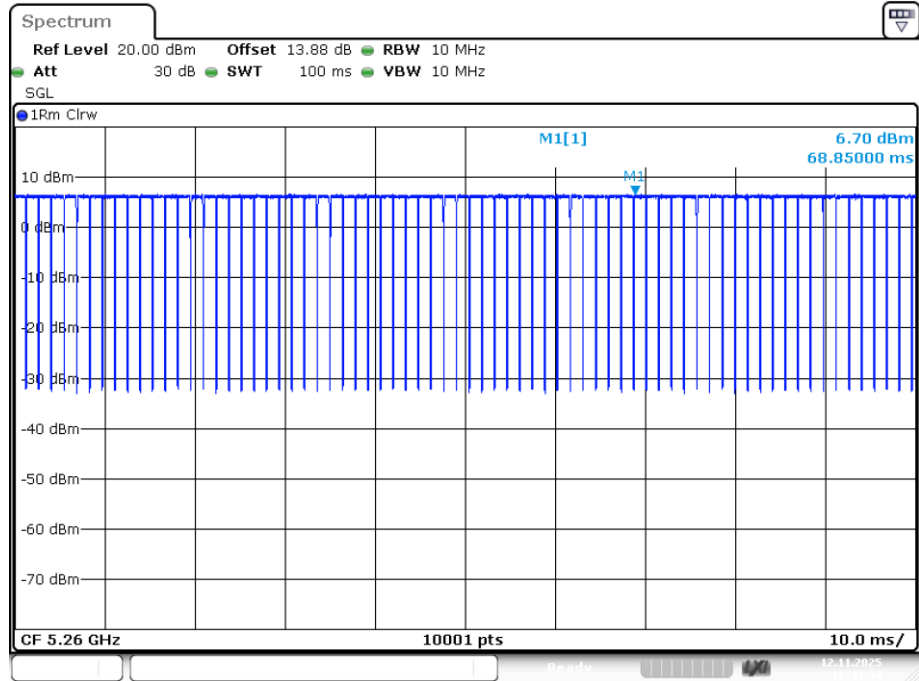
Date: 13.NOV.2025 10:18:34

Duty Cycle NVNT a 5320MHz Ant1



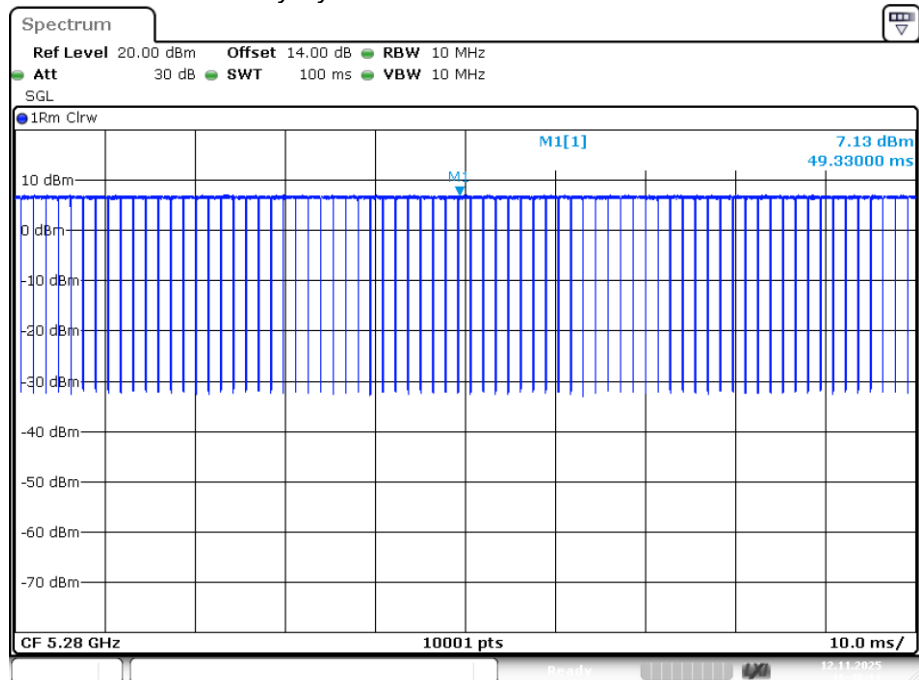
Date: 13.NOV.2025 10:21:45

Duty Cycle NVNT ac20 5260MHz Ant1



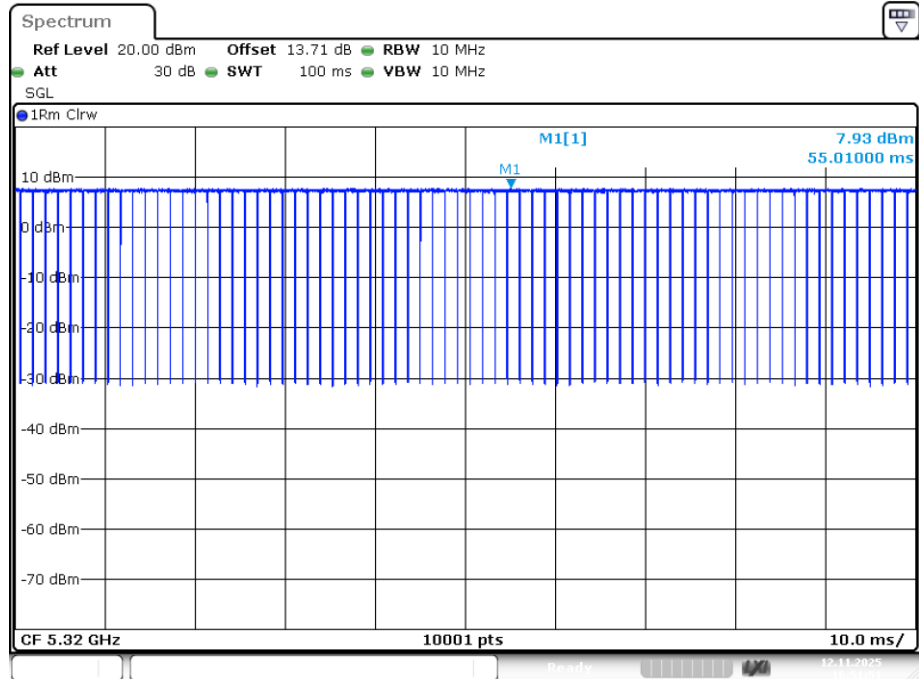
Date: 12.NOV.2025 16:44:53

Duty Cycle NVNT ac20 5280MHz Ant1



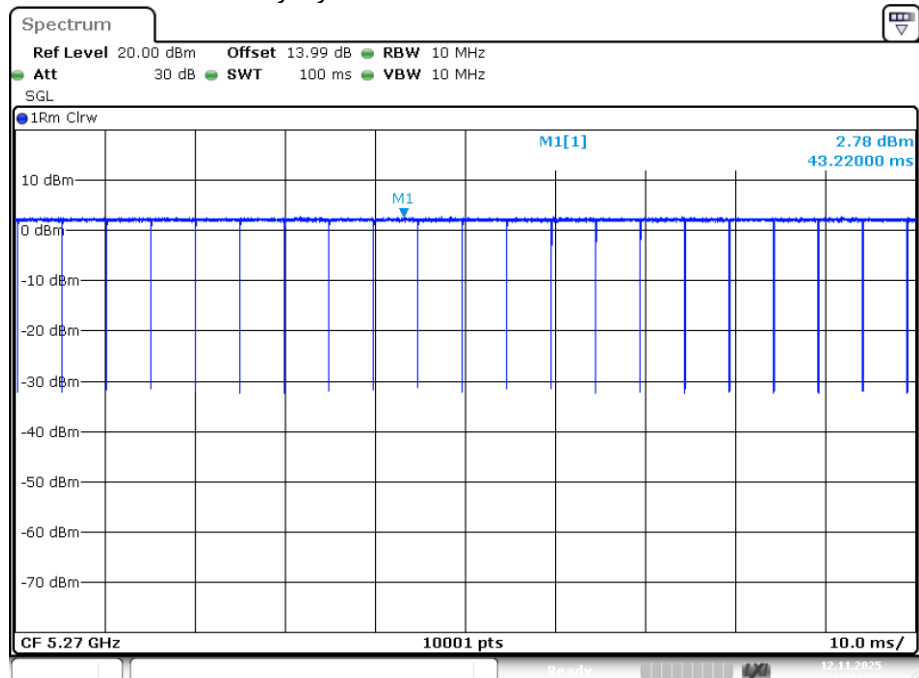
Date: 12.NOV.2025 16:48:12

Duty Cycle NVNT ac20 5320MHz Ant1



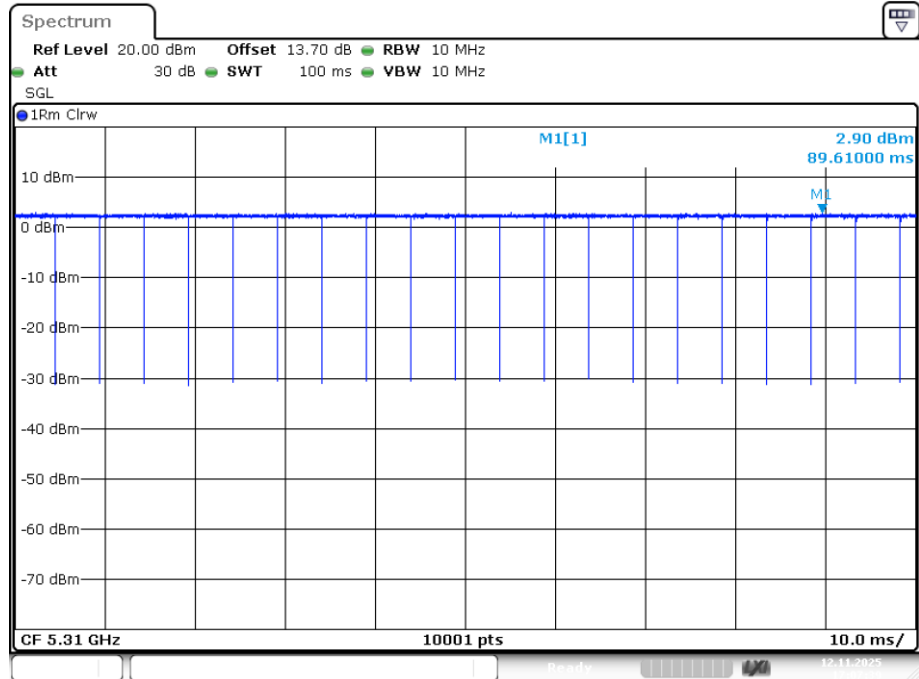
Date: 12.NOV.2025 16:51:51

Duty Cycle NVNT ac40 5270MHz Ant1



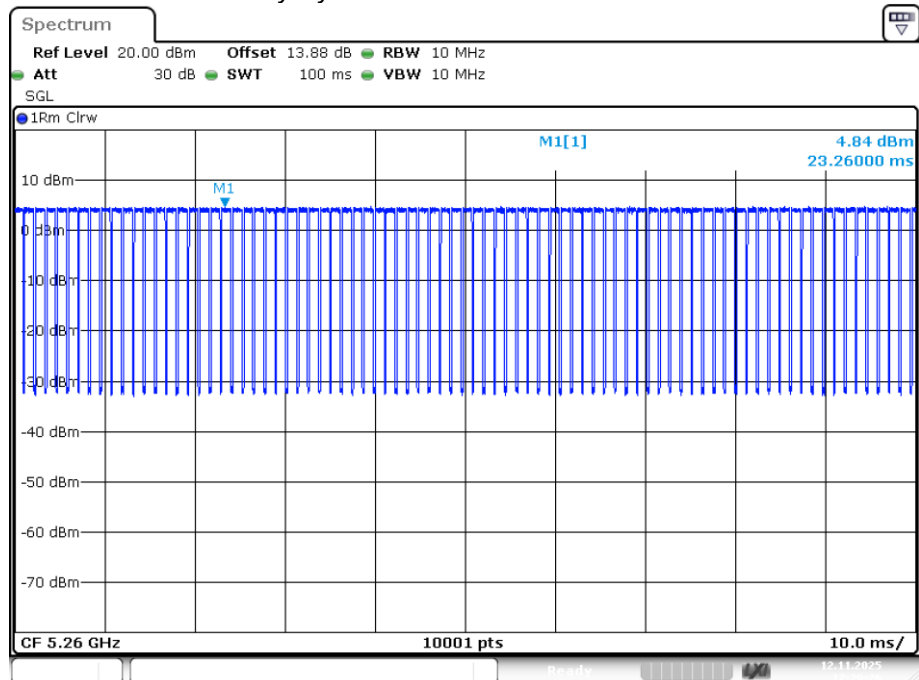
Date: 12.NOV.2025 17:12:05

Duty Cycle NVNT ac40 5310MHz Ant1



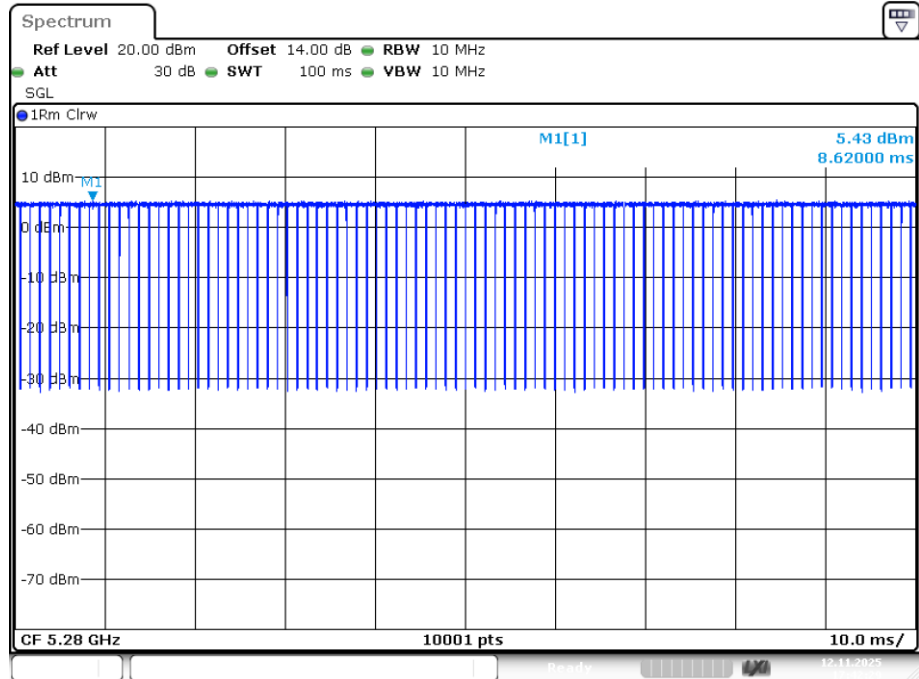
Date: 12.NOV.2025 17:07:40

Duty Cycle NVNT ax20 5260MHz Ant1



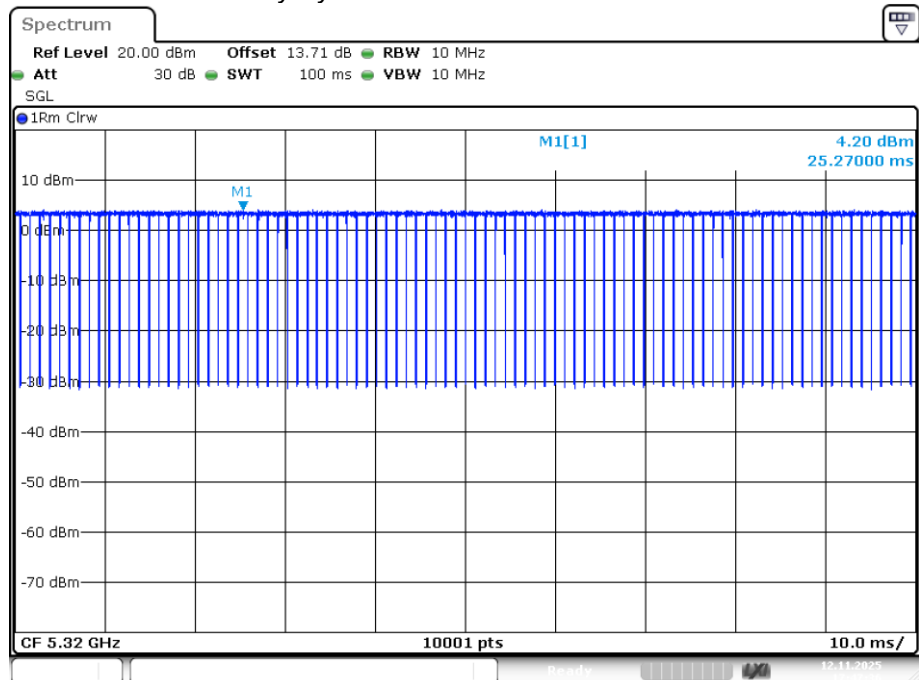
Date: 12.NOV.2025 17:29:26

Duty Cycle NVNT ax20 5280MHz Ant1



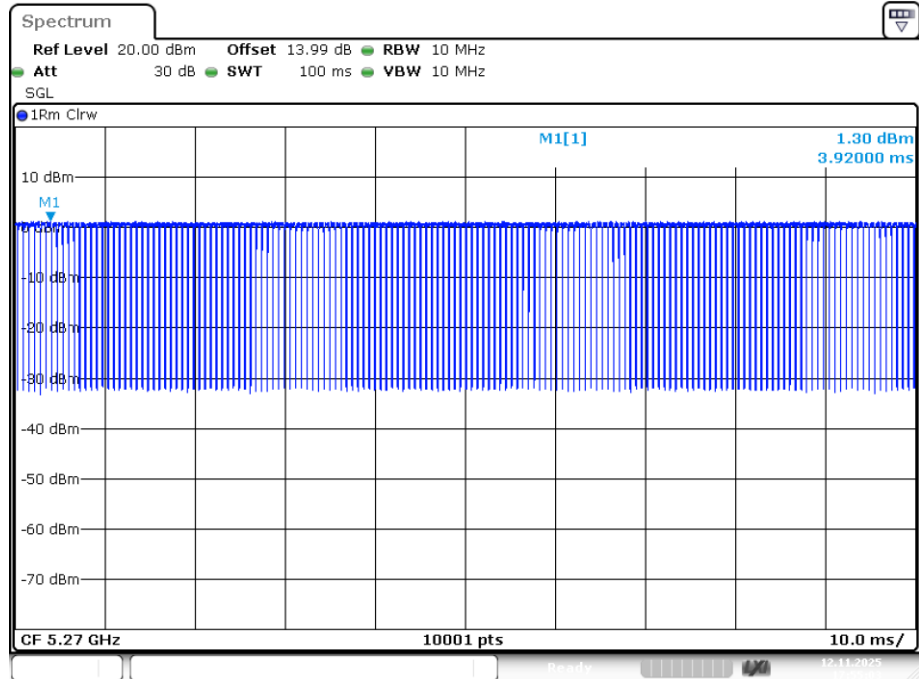
Date: 12.NOV.2025 17:42:28

Duty Cycle NVNT ax20 5320MHz Ant1



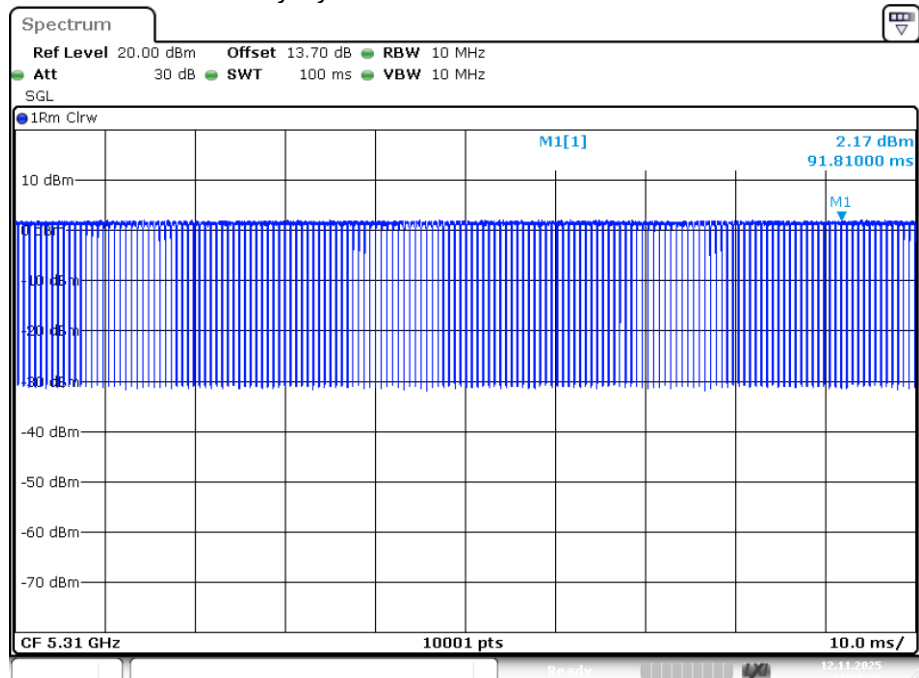
Date: 12.NOV.2025 17:47:36

Duty Cycle NVNT ax40 5270MHz Ant1



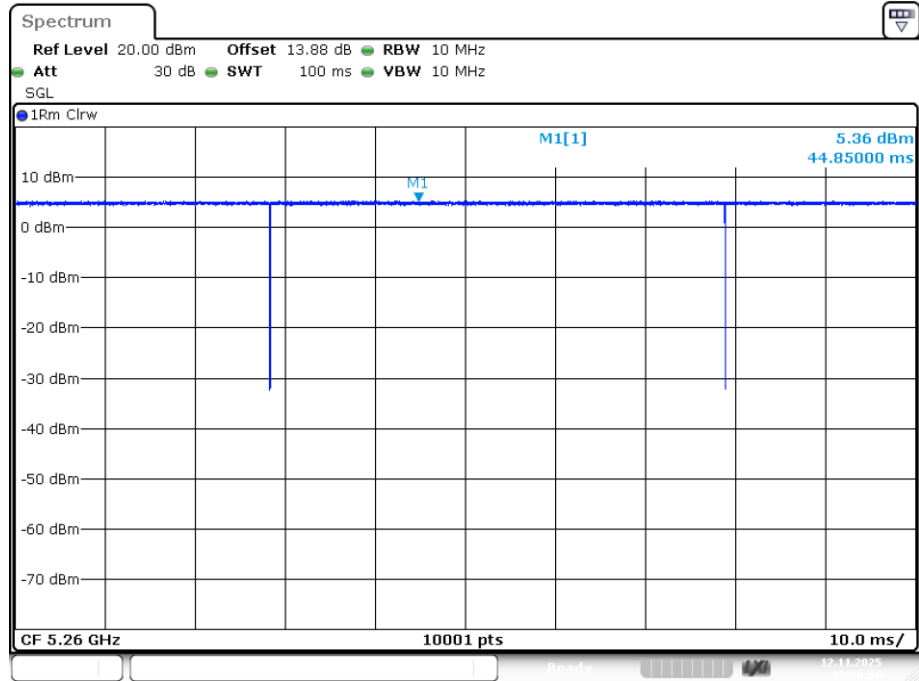
Date: 12.NOV.2025 17:55:02

Duty Cycle NVNT ax40 5310MHz Ant1



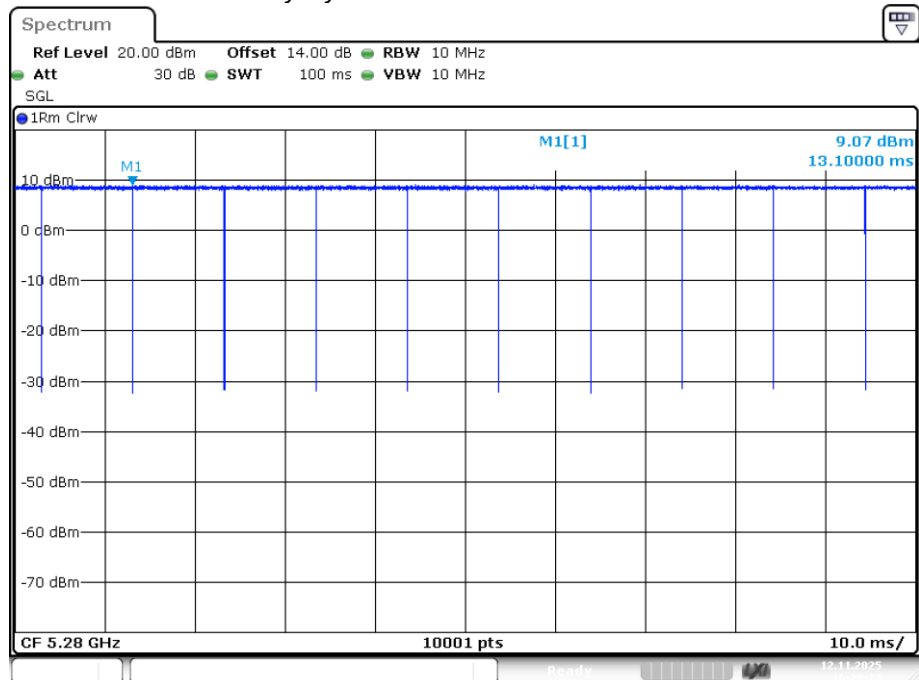
Date: 12.NOV.2025 17:59:46

Duty Cycle NVNT n20 5260MHz Ant1



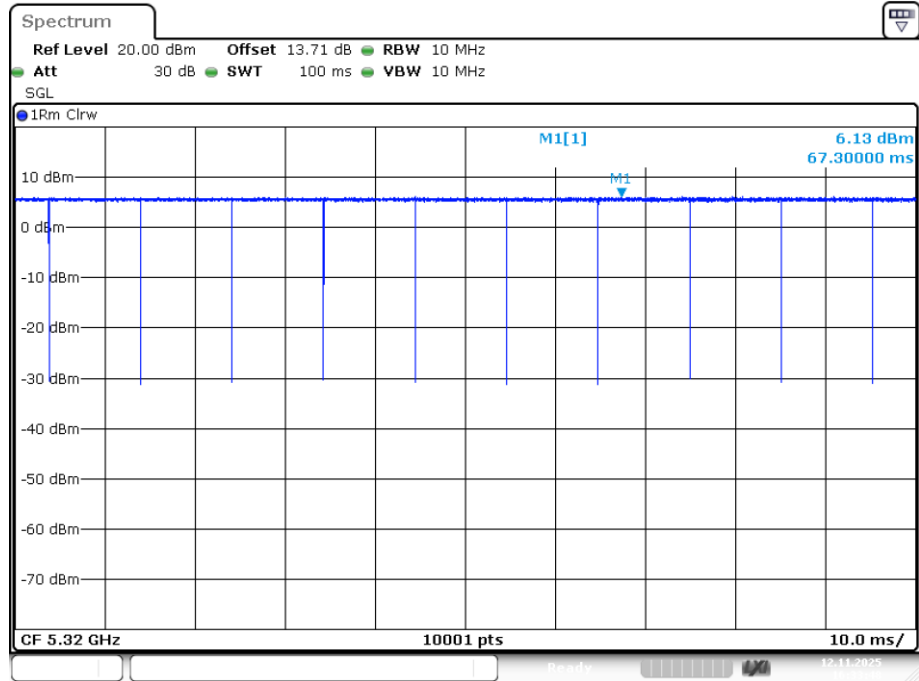
Date: 12.NOV.2025 16:00:16

Duty Cycle NVNT n20 5280MHz Ant1



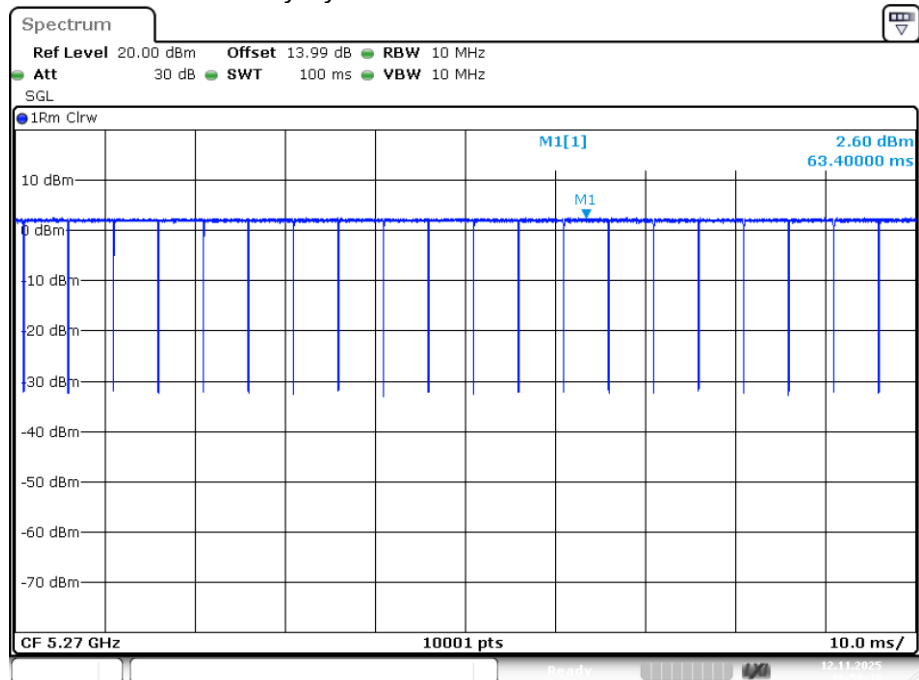
Date: 12.NOV.2025 16:29:23

Duty Cycle NVNT n20 5320MHz Ant1



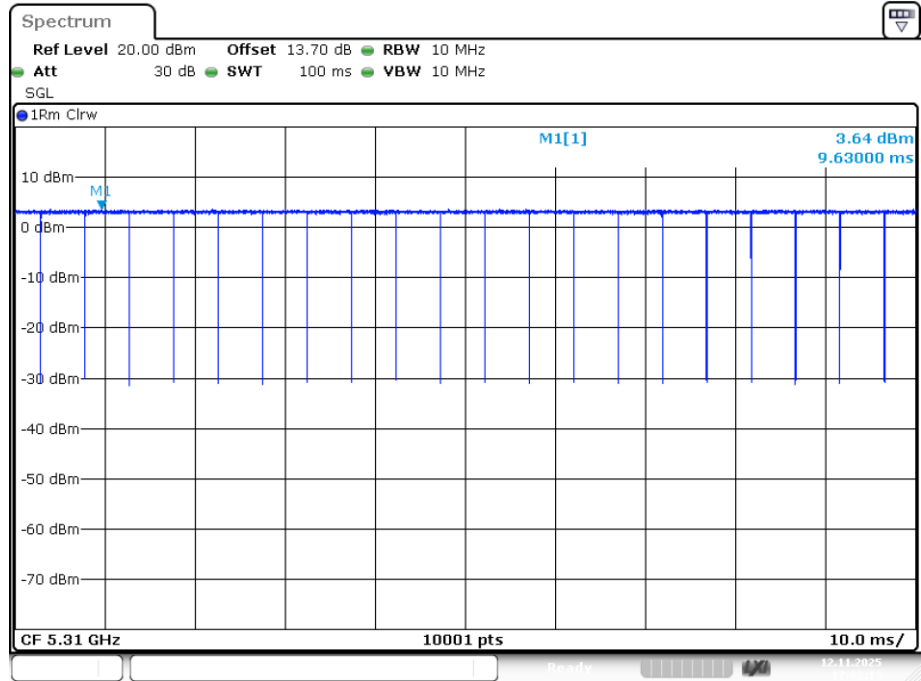
Date: 12.NOV.2025 16:33:48

Duty Cycle NVNT n40 5270MHz Ant1



Date: 12.NOV.2025 16:58:30

Duty Cycle NVNT n40 5310MHz Ant1



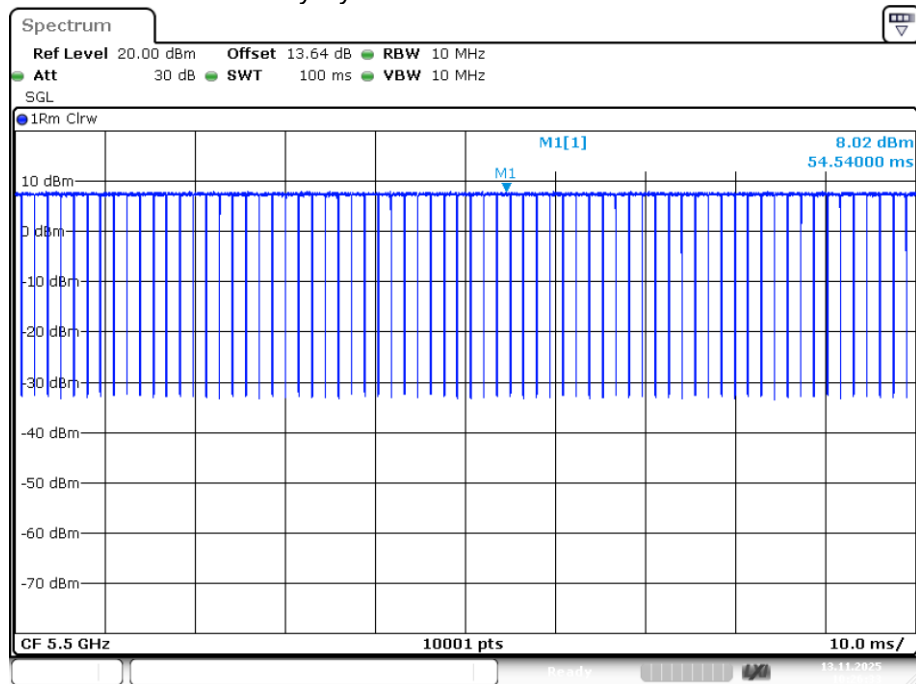
Date: 12.NOV.2025 17:02:13

Note: offset=cable factor

UNII-2C

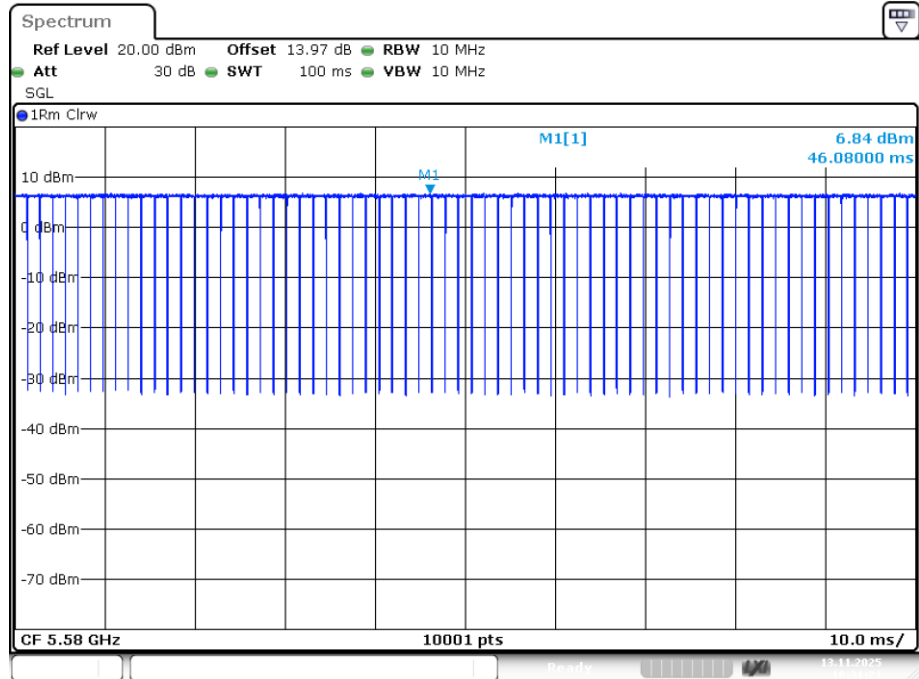
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	93.65	0.28
NVNT	a	5580	Ant1	94.27	0.26
NVNT	a	5700	Ant1	93.55	0.29
NVNT	ac20	5500	Ant1	93.14	0.31
NVNT	ac20	5580	Ant1	93.19	0.31
NVNT	ac20	5700	Ant1	93.27	0.3
NVNT	ac40	5510	Ant1	96.12	0.17
NVNT	ac40	5670	Ant1	87.4	0.58
NVNT	ax20	5500	Ant1	97.3	0.12
NVNT	ax20	5580	Ant1	91.37	0.39
NVNT	ax20	5700	Ant1	91.43	0.39
NVNT	ax40	5510	Ant1	95.01	0.22
NVNT	ax40	5670	Ant1	85.2	0.7
NVNT	n20	5500	Ant1	93.11	0.31
NVNT	n20	5580	Ant1	92.67	0.33
NVNT	n20	5700	Ant1	93.16	0.31
NVNT	n40	5510	Ant1	95.99	0.18
NVNT	n40	5670	Ant1	94.07	0.27

Duty Cycle NVNT a 5500MHz Ant1



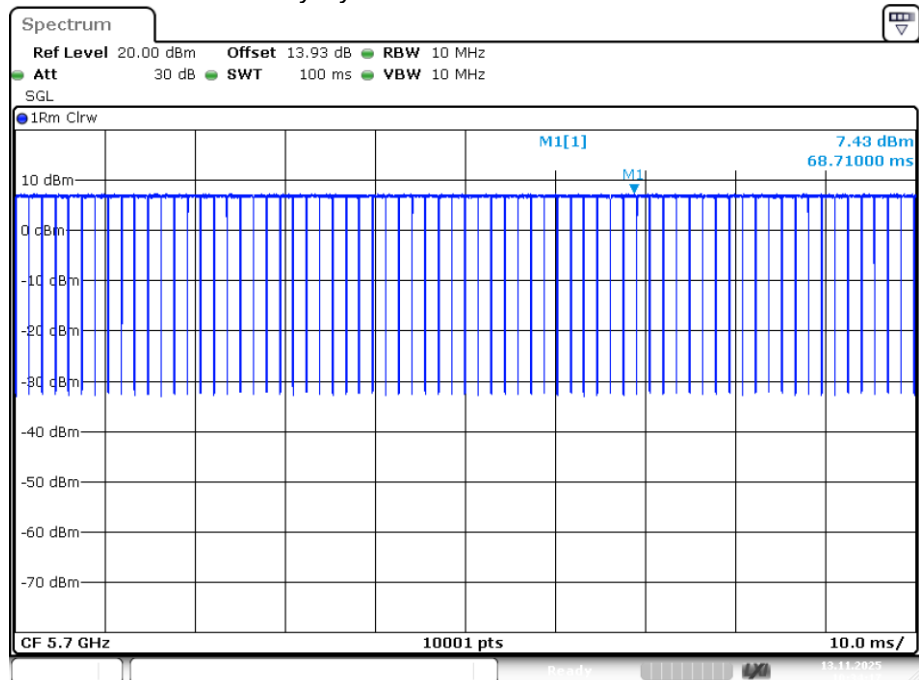
Date: 13.NOV.2025 10:26:33

Duty Cycle NVNT a 5580MHz Ant1

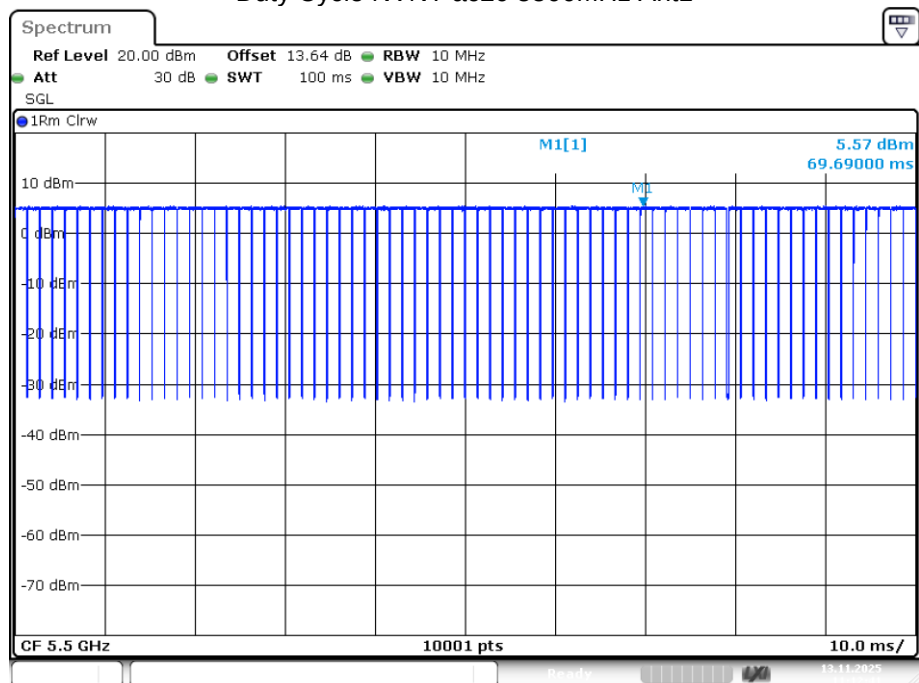


Date: 13.NOV.2025 10:31:22

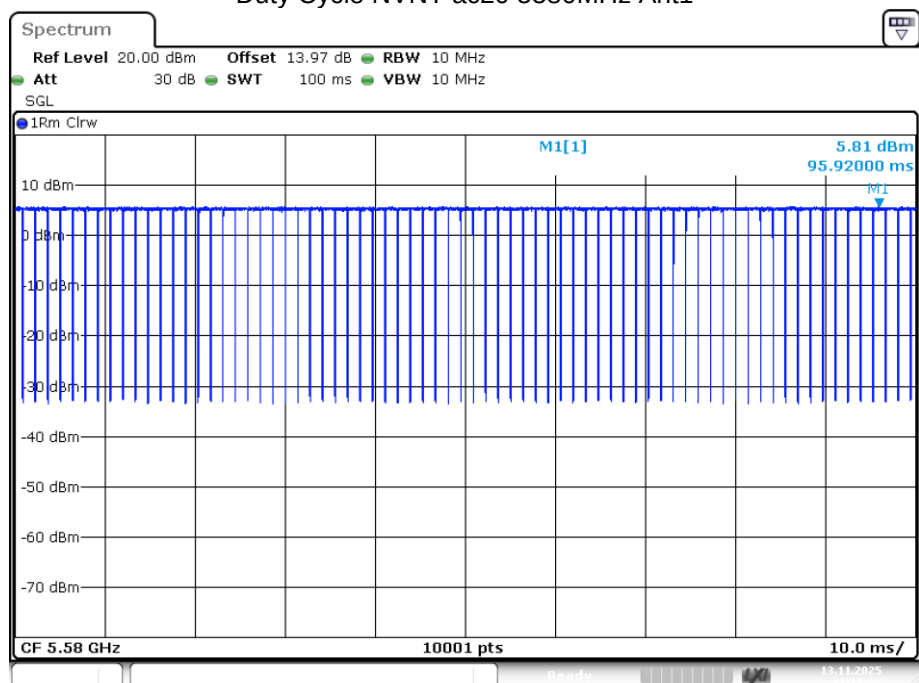
Duty Cycle NVNT a 5700MHz Ant1



Date: 13.NOV.2025 10:34:17

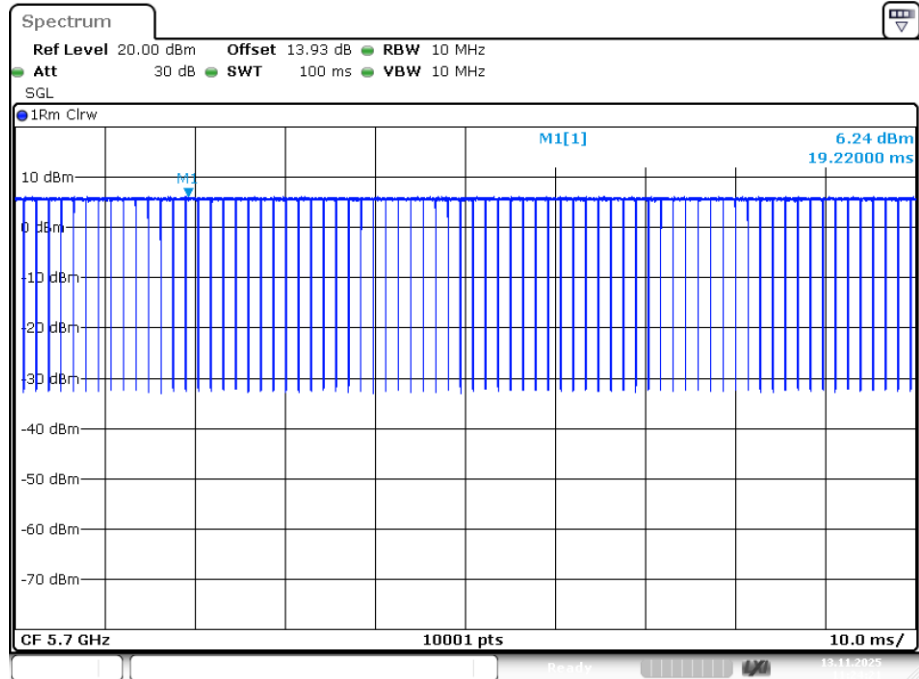


Date: 13.NOV.2025 11:12:41



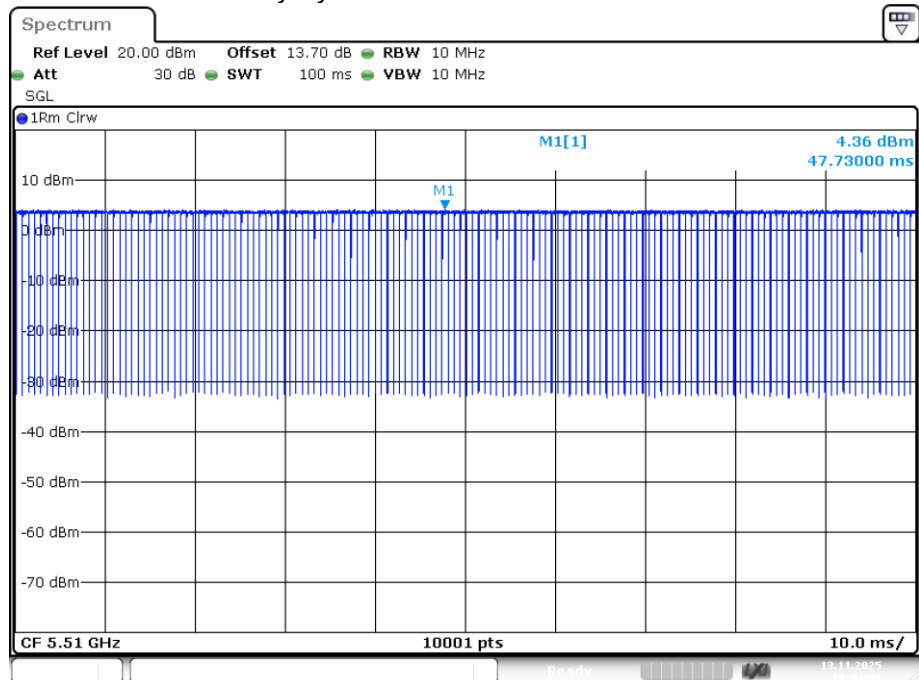
Date: 13.NOV.2025 11:18:55

Duty Cycle NVNT ac20 5700MHz Ant1



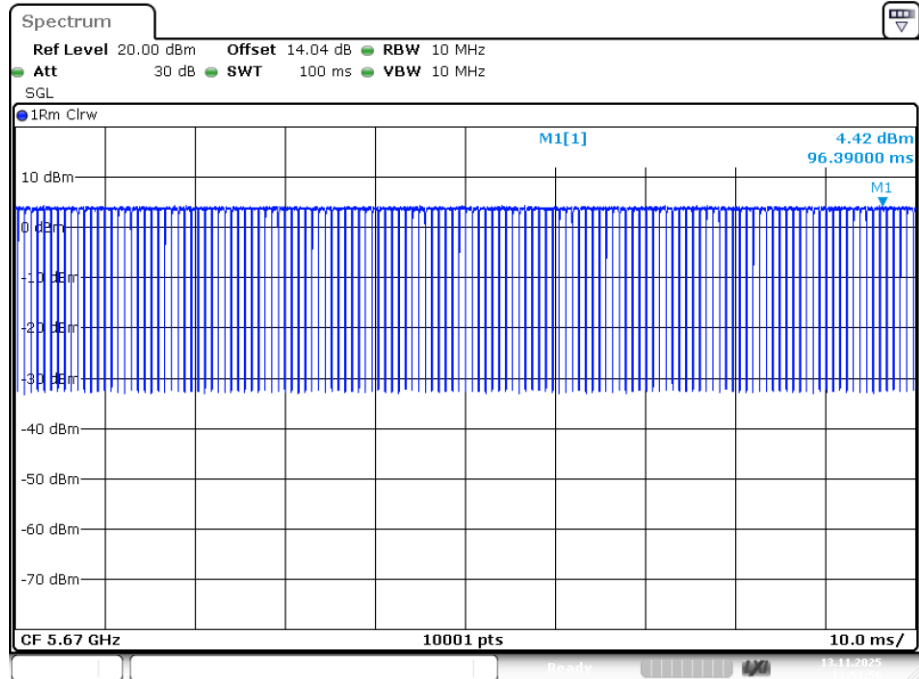
Date: 13.NOV.2025 11:24:21

Duty Cycle NVNT ac40 5510MHz Ant1



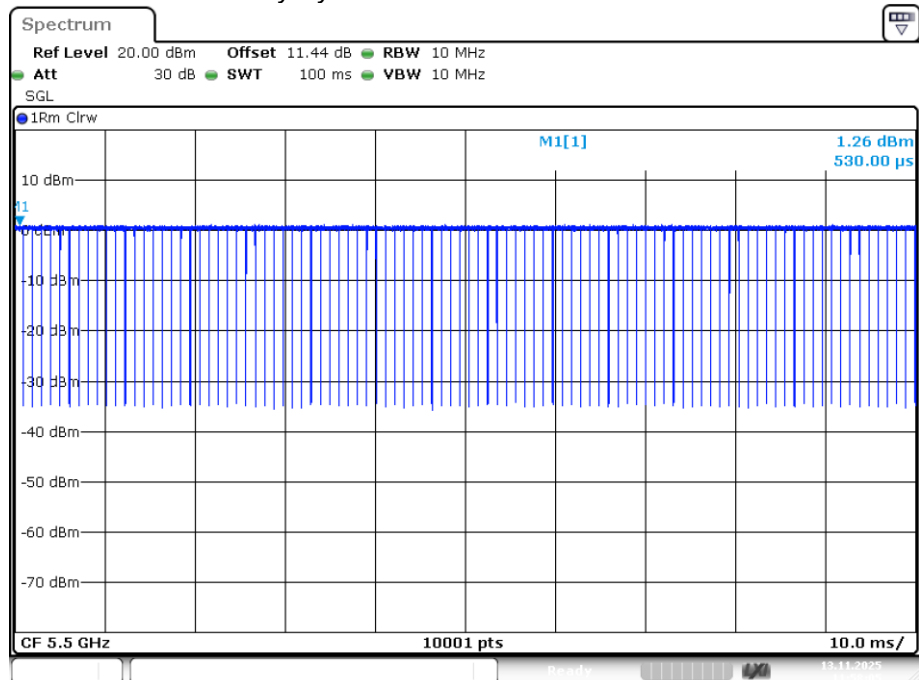
Date: 13.NOV.2025 11:44:40

Duty Cycle NVNT ac40 5670MHz Ant1



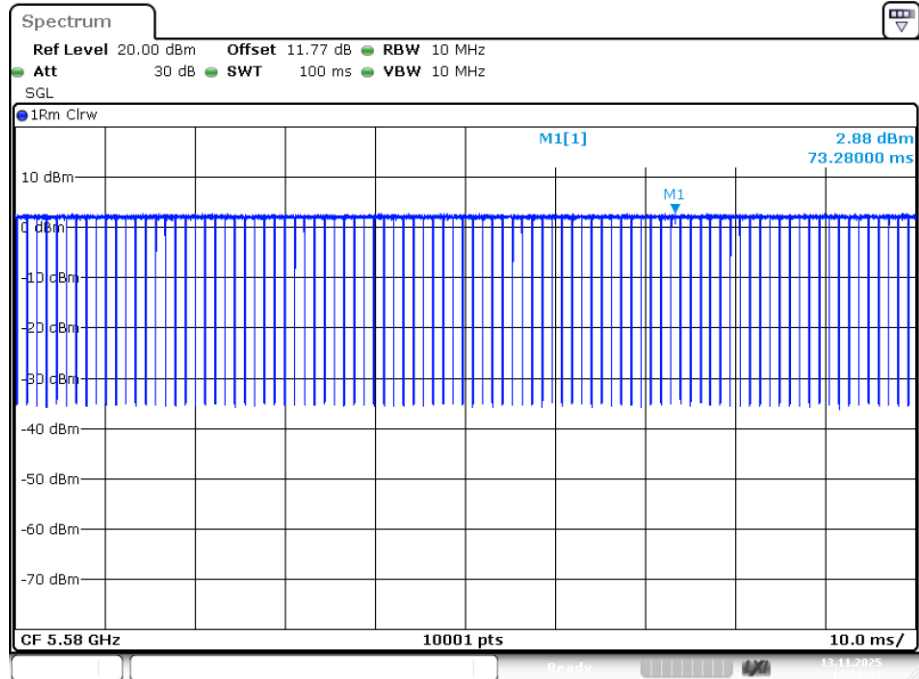
Date: 13.NOV.2025 11:51:55

Duty Cycle NVNT ax20 5500MHz Ant1



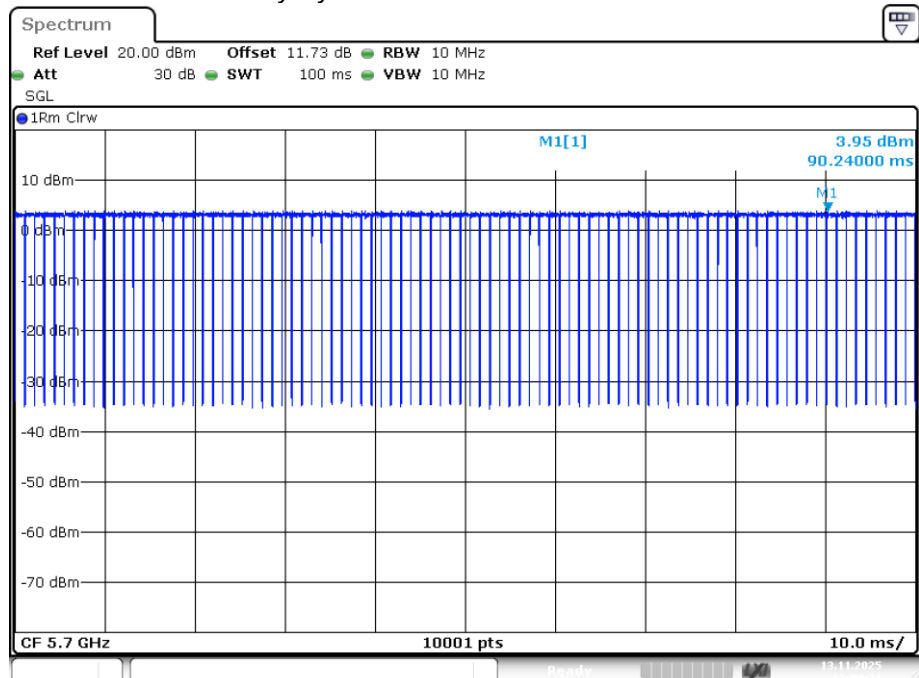
Date: 13.NOV.2025 11:58:05

Duty Cycle NVNT ax20 5580MHz Ant1



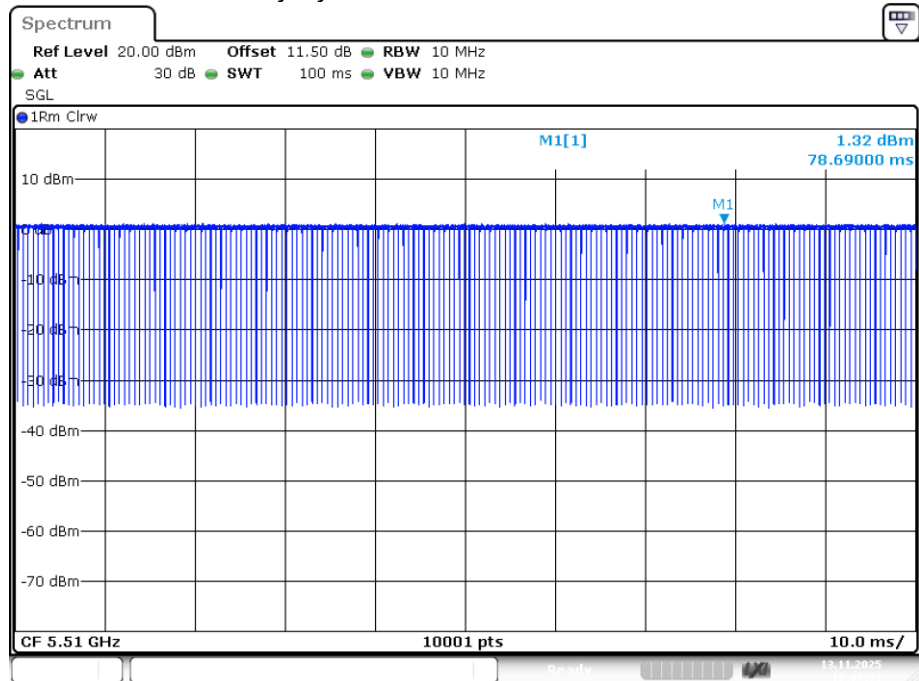
Date: 13.NOV.2025 12:01:38

Duty Cycle NVNT ax20 5700MHz Ant1



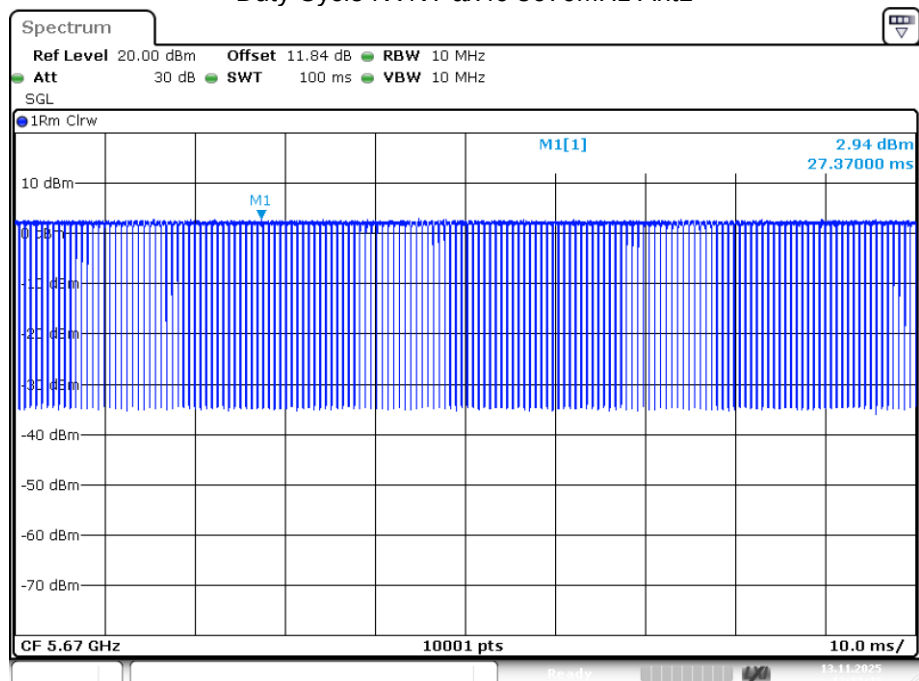
Date: 13.NOV.2025 12:04:21

Duty Cycle NVNT ax40 5510MHz Ant1



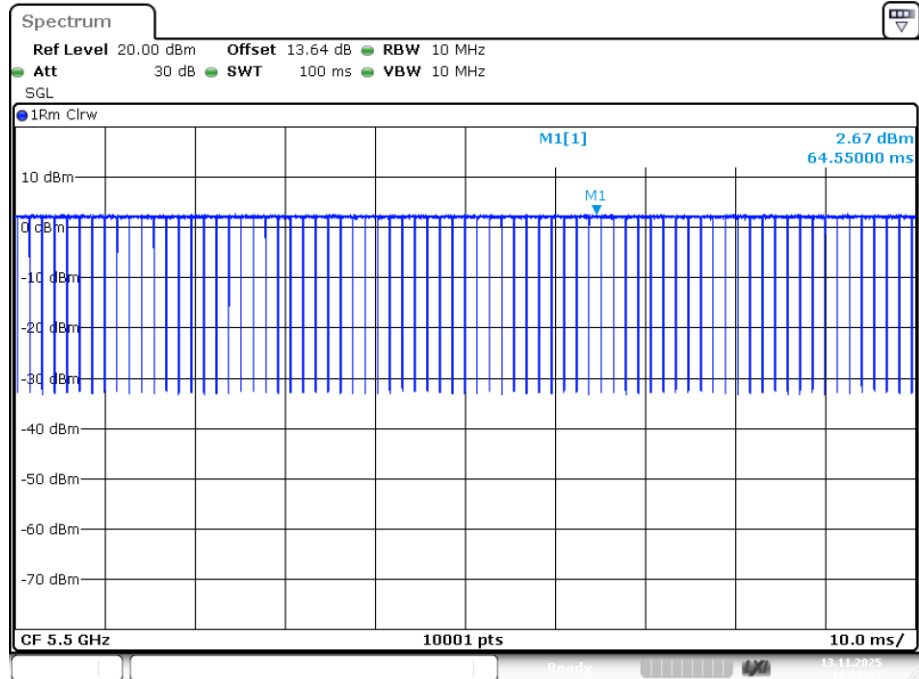
Date: 13.NOV.2025 12:07:32

Duty Cycle NVNT ax40 5670MHz Ant1



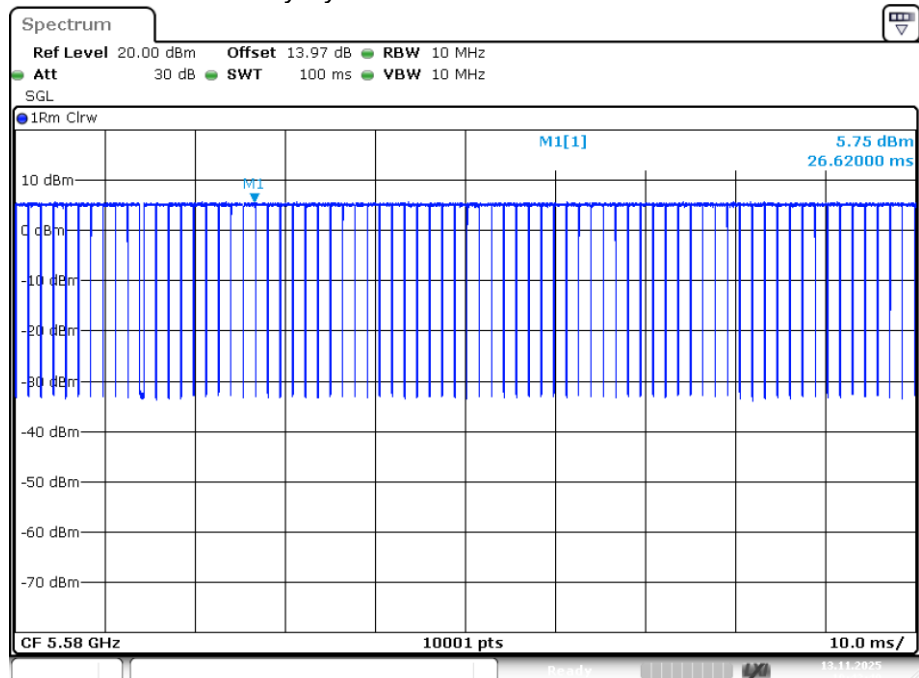
Date: 13.NOV.2025 12:12:43

Duty Cycle NVNT n20 5500MHz Ant1



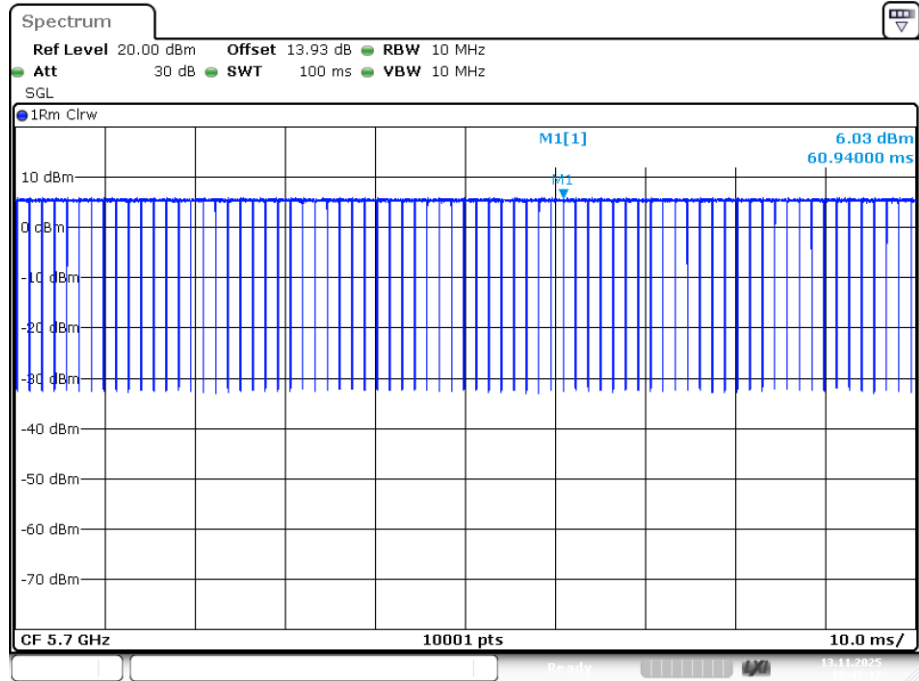
Date: 13.NOV.2025 10:38:37

Duty Cycle NVNT n20 5580MHz Ant1



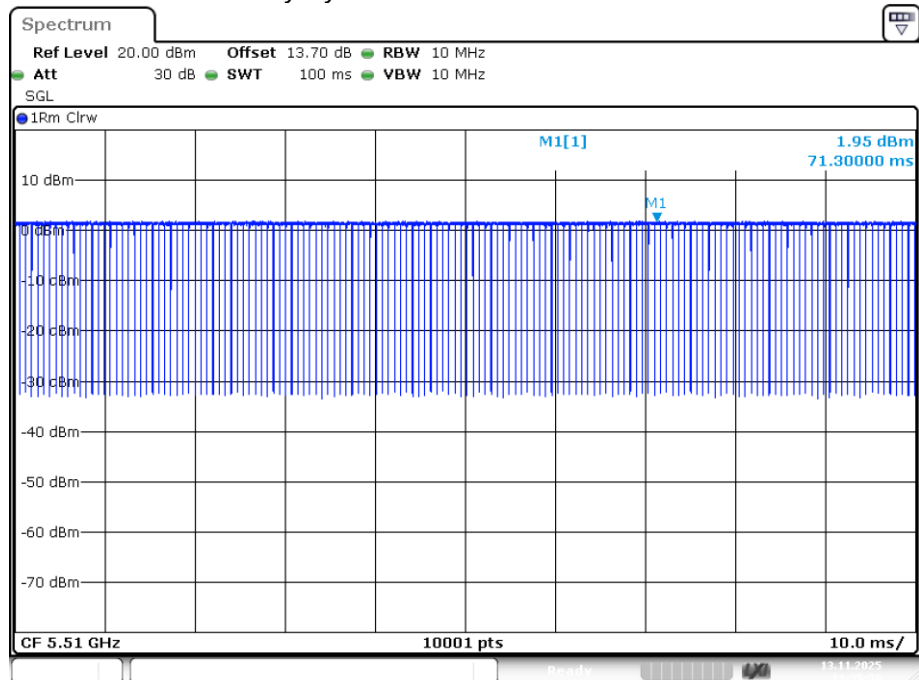
Date: 13.NOV.2025 10:42:40

Duty Cycle NVNT n20 5700MHz Ant1



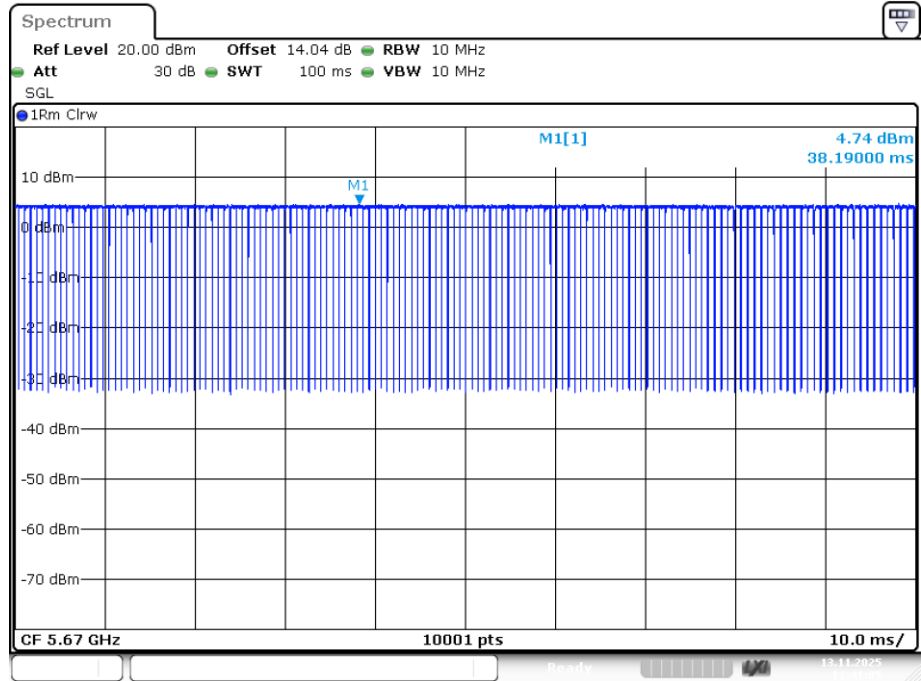
Date: 13.NOV.2025 10:47:17

Duty Cycle NVNT n40 5510MHz Ant1



Date: 13.NOV.2025 11:35:30

Duty Cycle NVNT n40 5670MHz Ant1



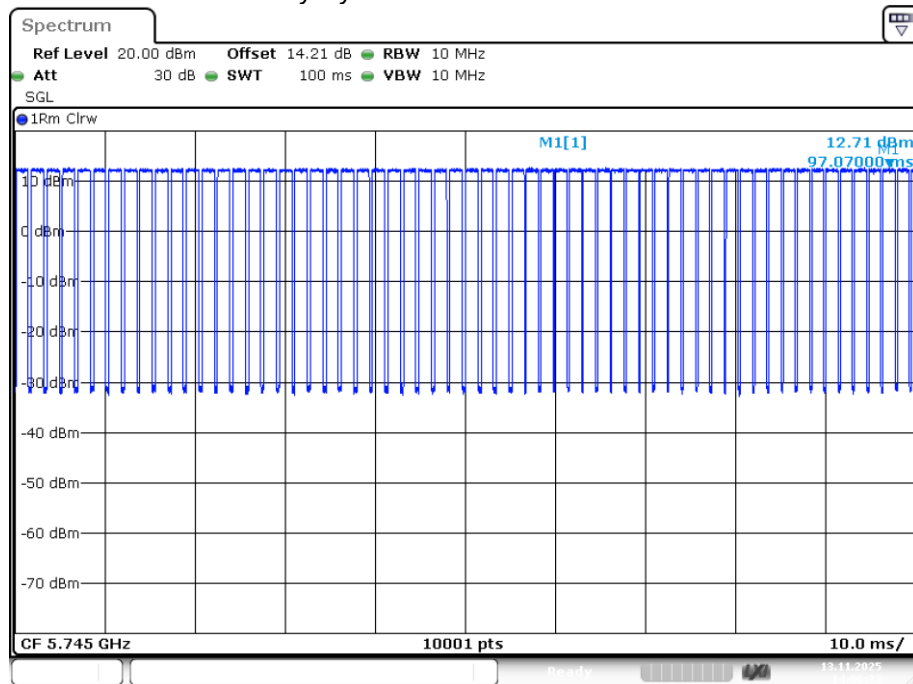
Date: 13.NOV.2025 11:41:05

Note: offset=cable factor

U-NII 3

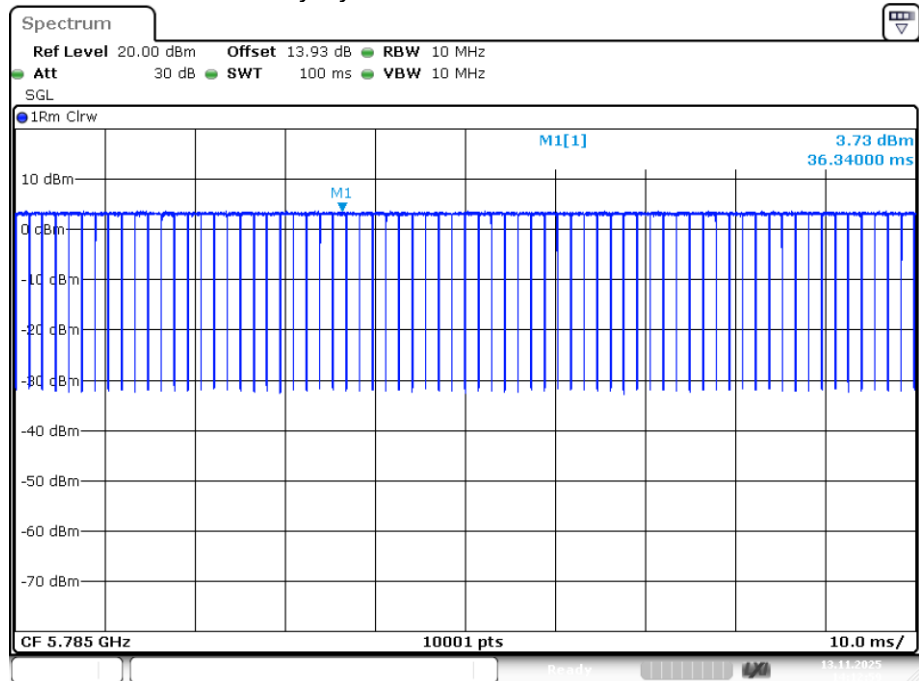
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	82.9	0.81
NVNT	a	5785	Ant1	93.5	0.29
NVNT	a	5825	Ant1	93.57	0.29
NVNT	ac20	5745	Ant1	85.97	0.66
NVNT	ac20	5785	Ant1	92.95	0.32
NVNT	ac20	5825	Ant1	92.99	0.32
NVNT	ac40	5755	Ant1	96.14	0.17
NVNT	ac40	5795	Ant1	87.45	0.58
NVNT	ax20	5745	Ant1	97.33	0.12
NVNT	ax20	5785	Ant1	91.36	0.39
NVNT	ax20	5825	Ant1	91.35	0.39
NVNT	ax40	5755	Ant1	95.25	0.21
NVNT	ax40	5795	Ant1	84.89	0.71
NVNT	n20	5745	Ant1	93.14	0.31
NVNT	n20	5785	Ant1	93.15	0.31
NVNT	n20	5825	Ant1	93.09	0.31
NVNT	n40	5755	Ant1	95.98	0.18
NVNT	n40	5795	Ant1	87.38	0.59

Duty Cycle NVNT a 5745MHz Ant1



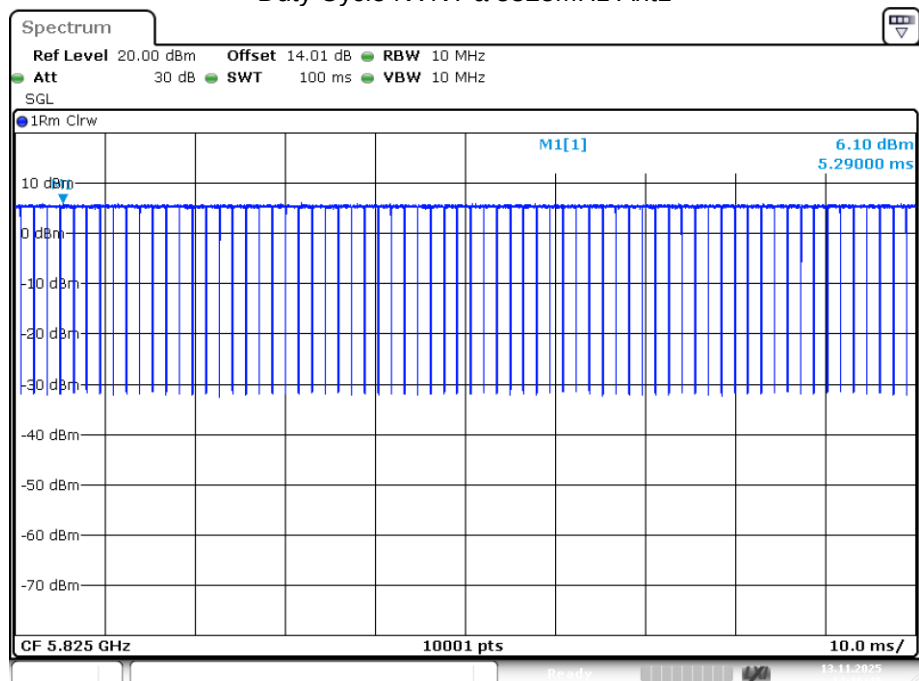
Date: 13.NOV.2025 14:06:34

Duty Cycle NVNT a 5785MHz Ant1



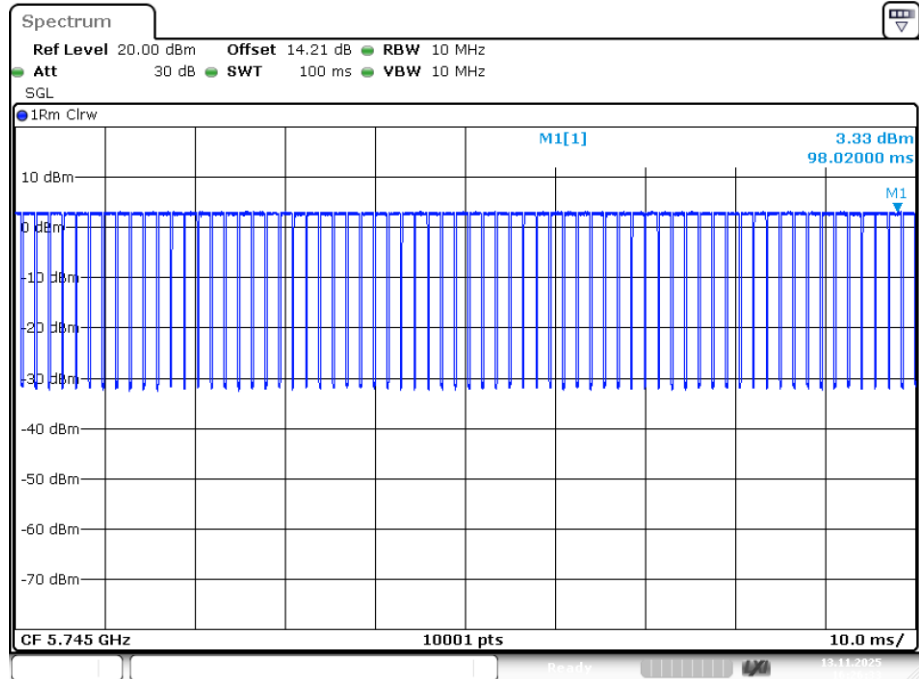
Date: 13.NOV.2025 14:12:59

Duty Cycle NVNT a 5825MHz Ant1



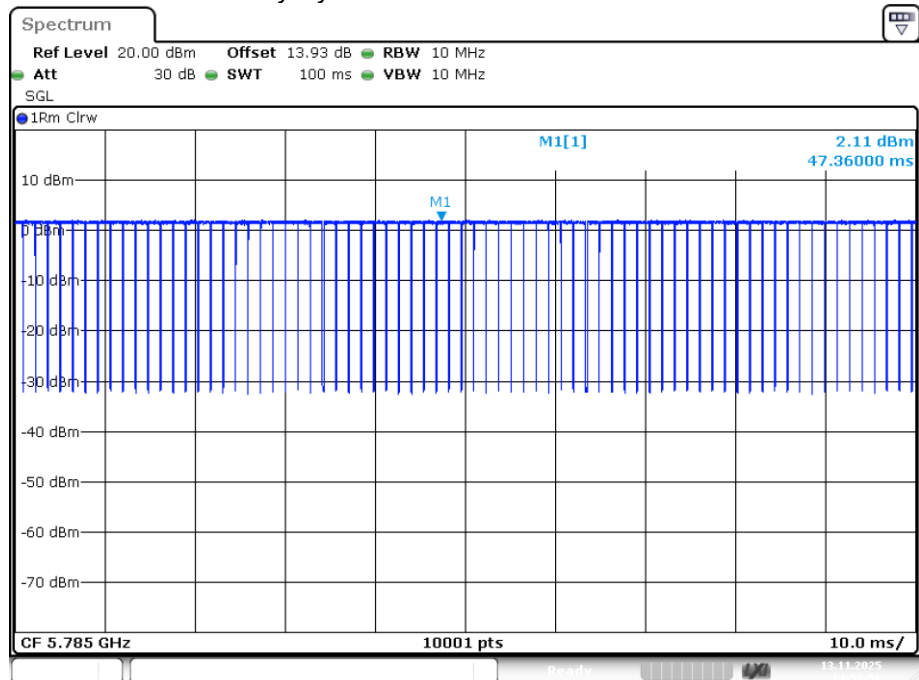
Date: 13.NOV.2025 14:16:48

Duty Cycle NVNT ac20 5745MHz Ant1



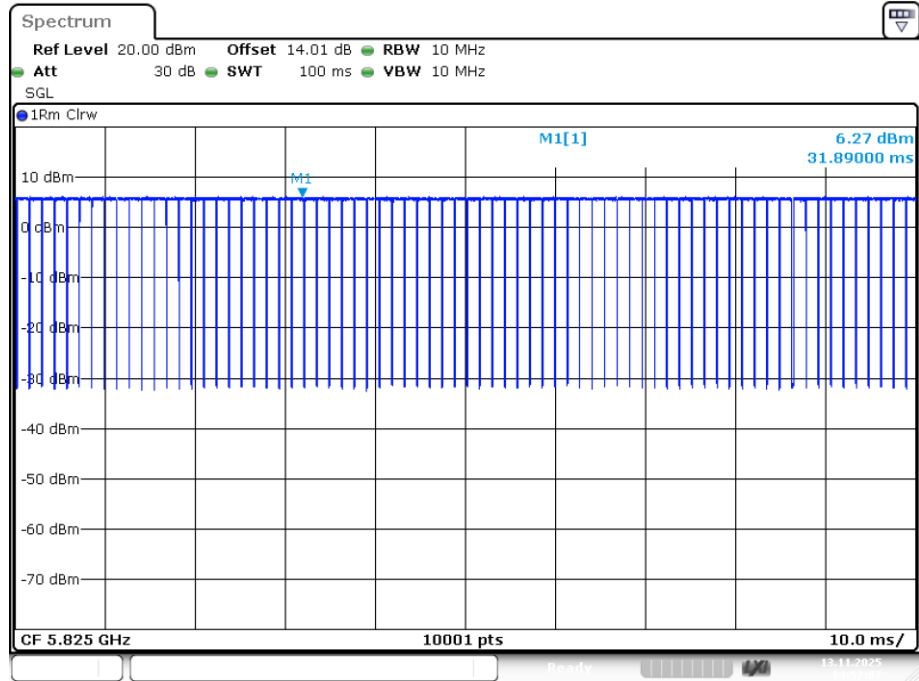
Date: 13.NOV.2025 16:26:34

Duty Cycle NVNT ac20 5785MHz Ant1



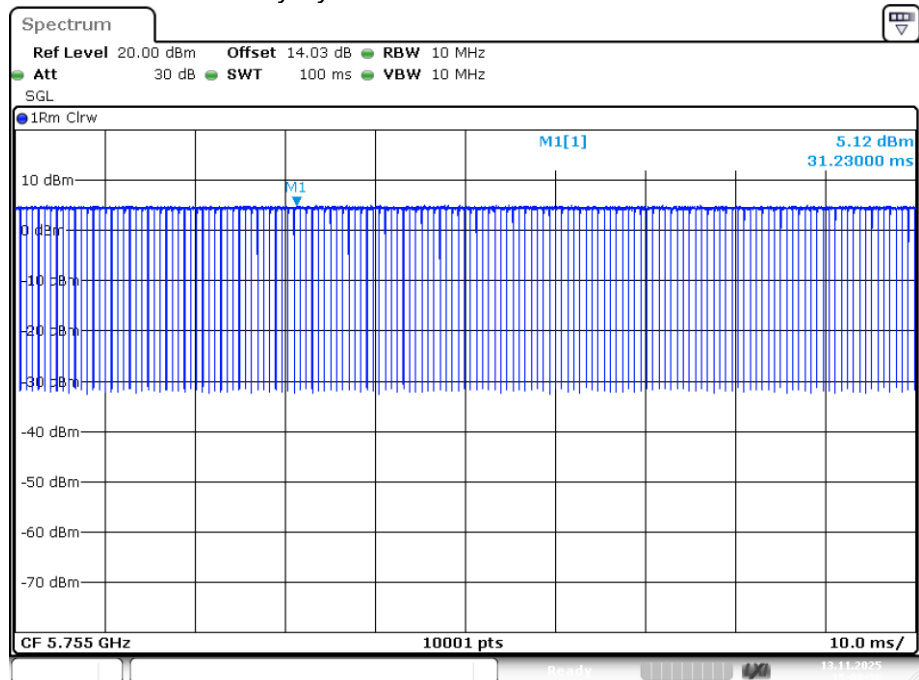
Date: 13.NOV.2025 14:53:55

Duty Cycle NVNT ac20 5825MHz Ant1



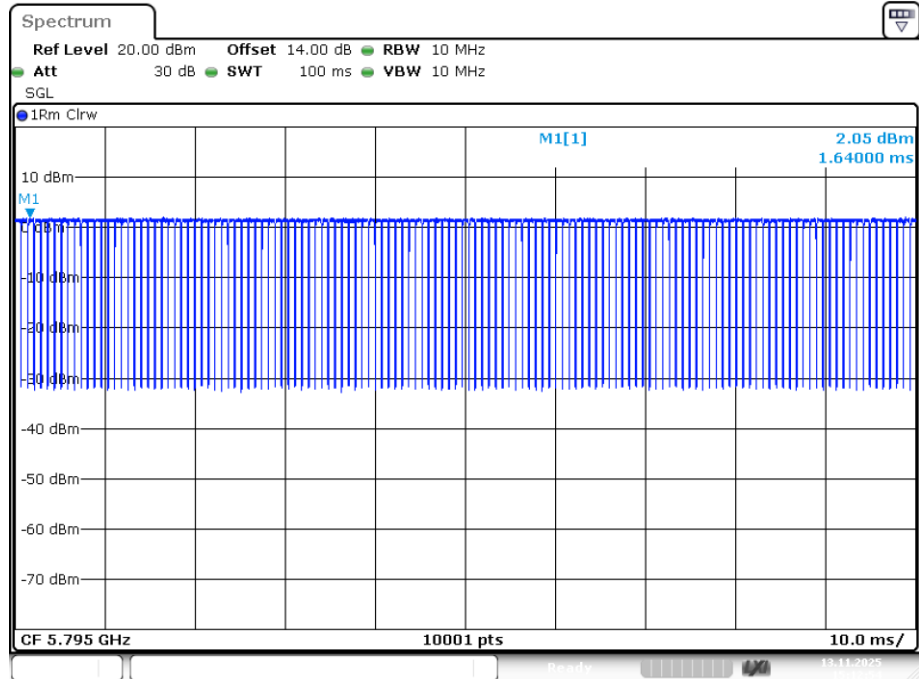
Date: 13.NOV.2025 14:57:06

Duty Cycle NVNT ac40 5755MHz Ant1



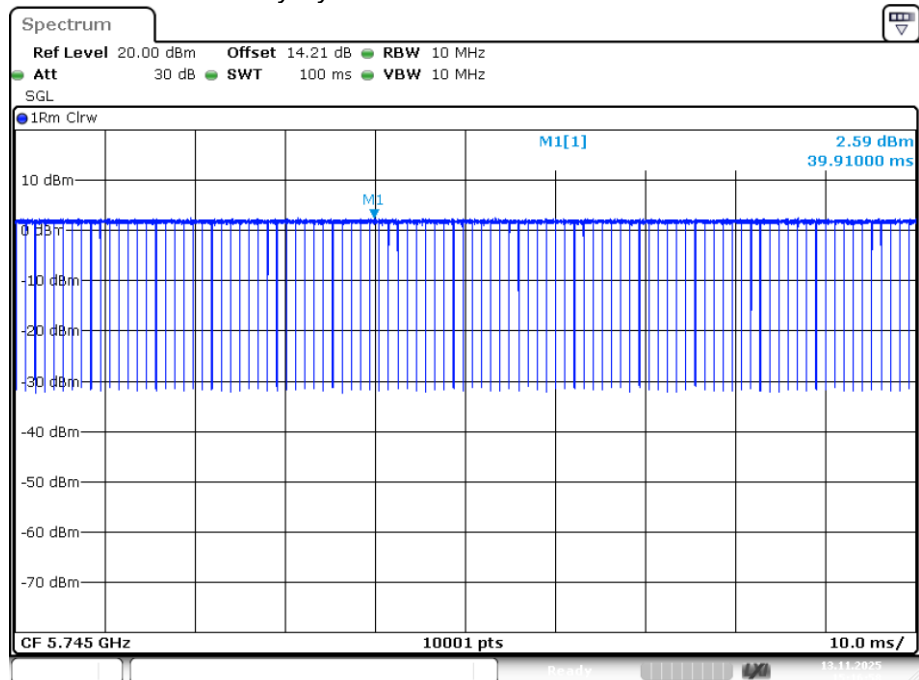
Date: 13.NOV.2025 15:08:36

Duty Cycle NVNT ac40 5795MHz Ant1



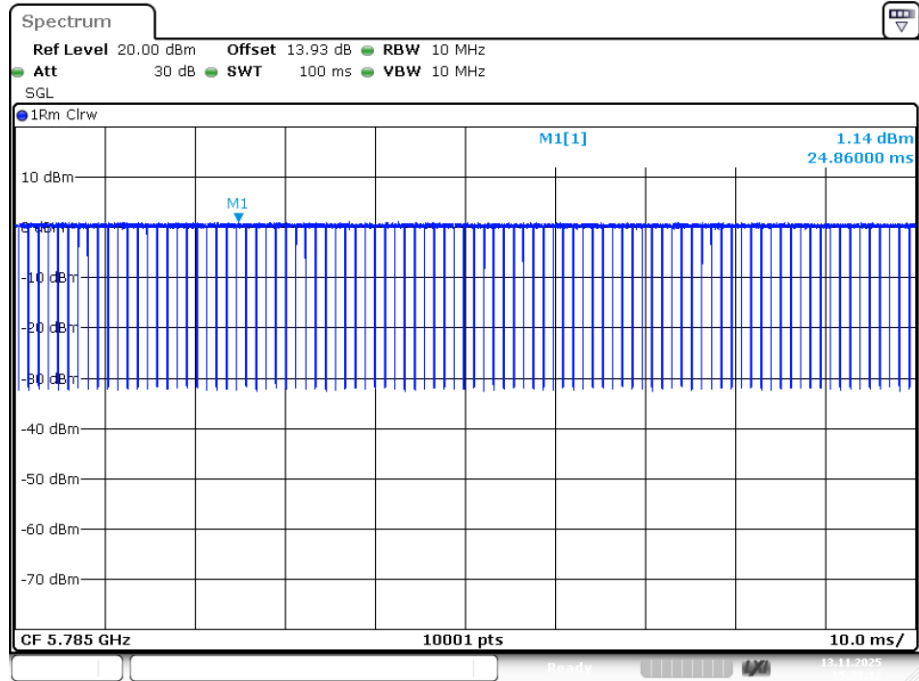
Date: 13.NOV.2025 15:12:54

Duty Cycle NVNT ax20 5745MHz Ant1



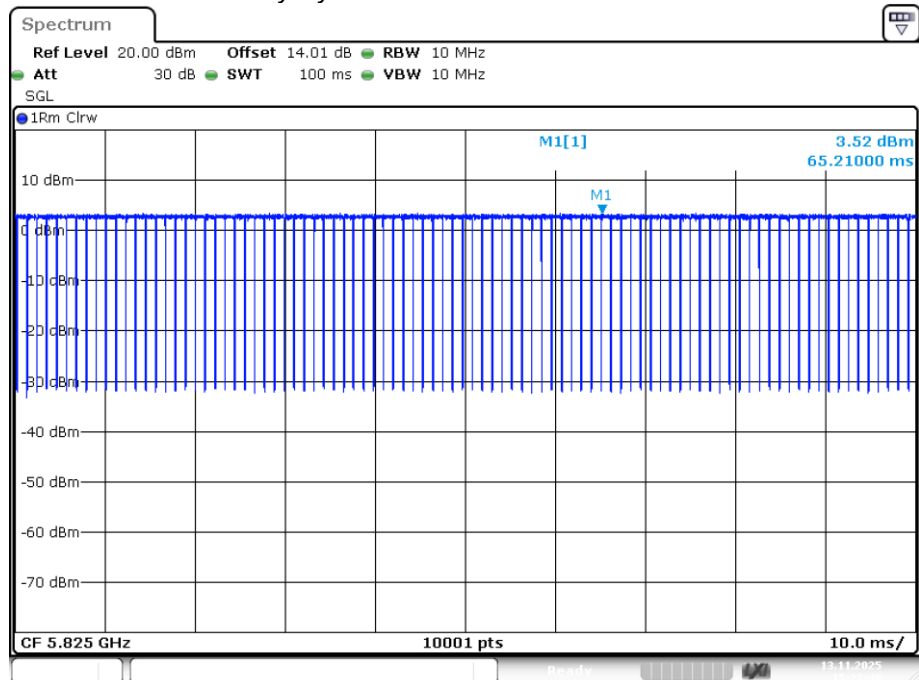
Date: 13.NOV.2025 15:16:58

Duty Cycle NVNT ax20 5785MHz Ant1



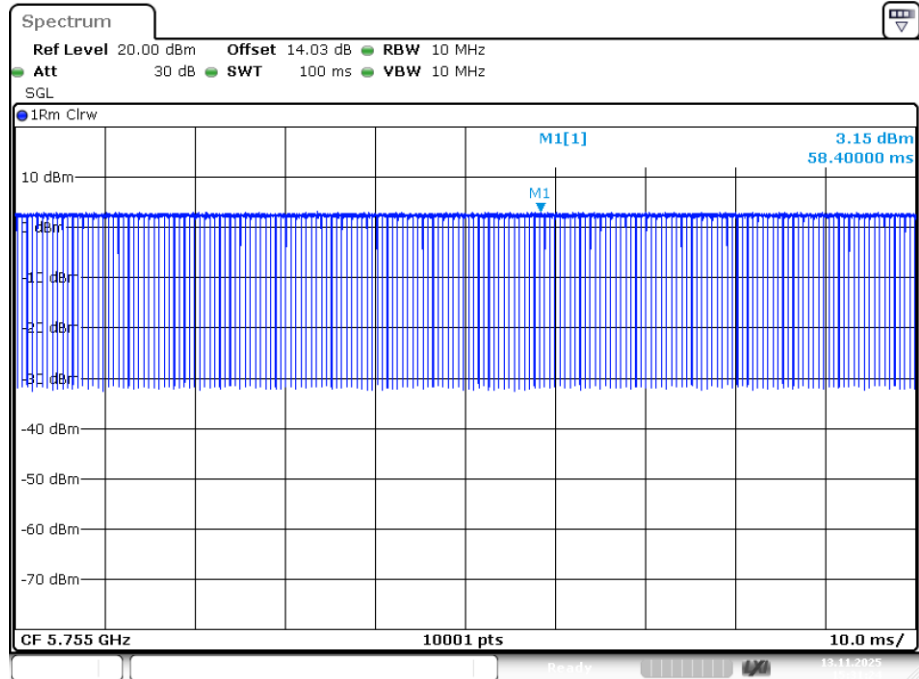
Date: 13.NOV.2025 15:23:12

Duty Cycle NVNT ax20 5825MHz Ant1



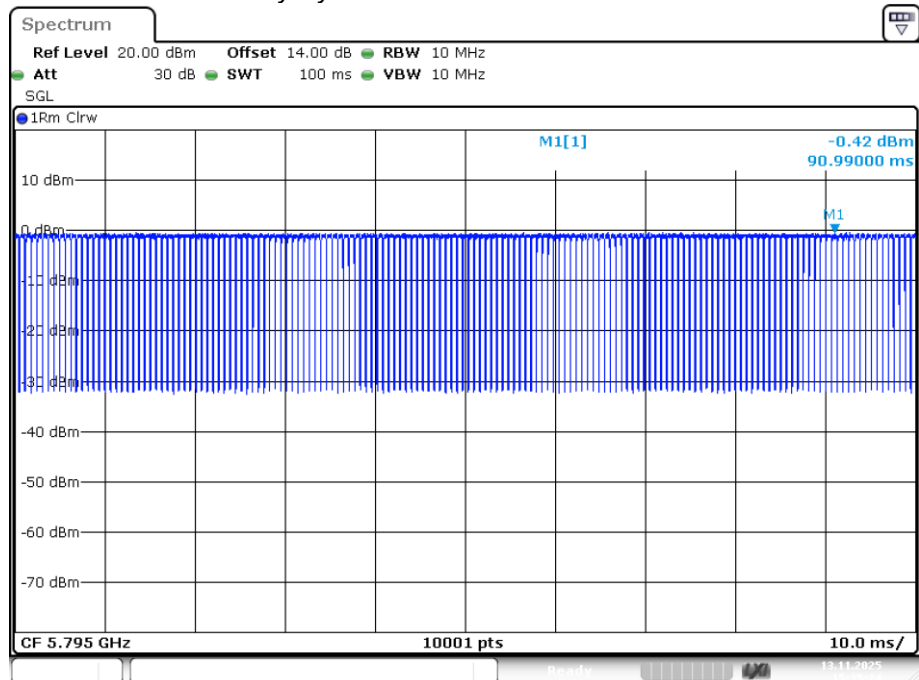
Date: 13.NOV.2025 15:27:48

Duty Cycle NVNT ax40 5755MHz Ant1



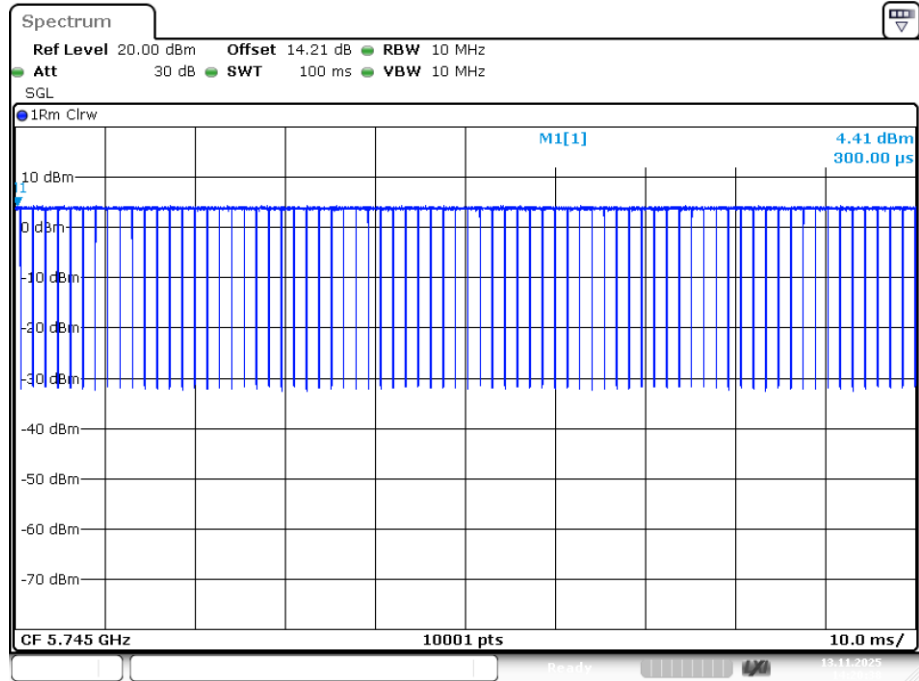
Date: 13.NOV.2025 15:31:24

Duty Cycle NVNT ax40 5795MHz Ant1

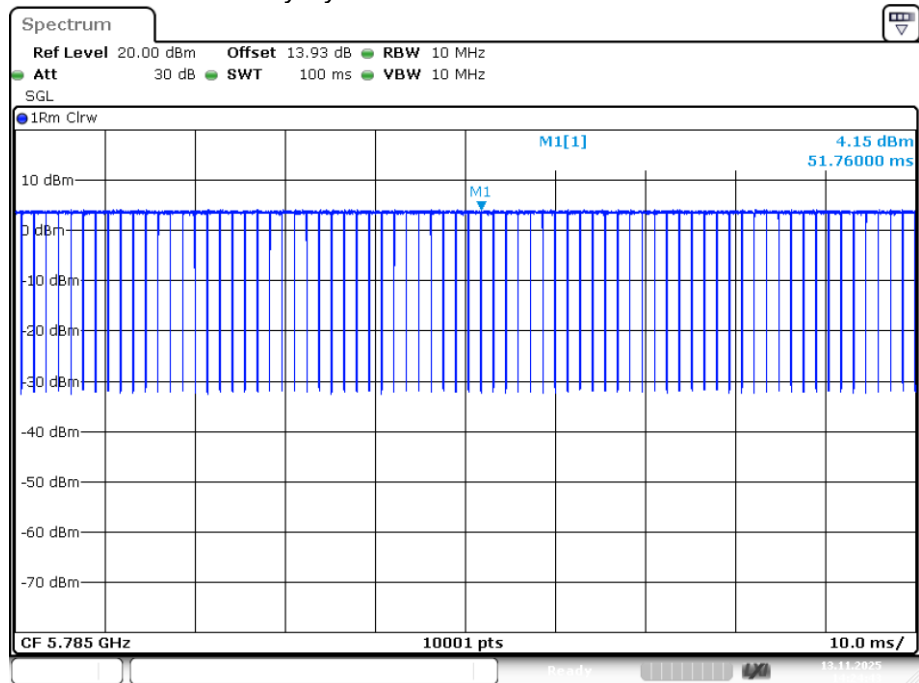


Date: 13.NOV.2025 15:35:23

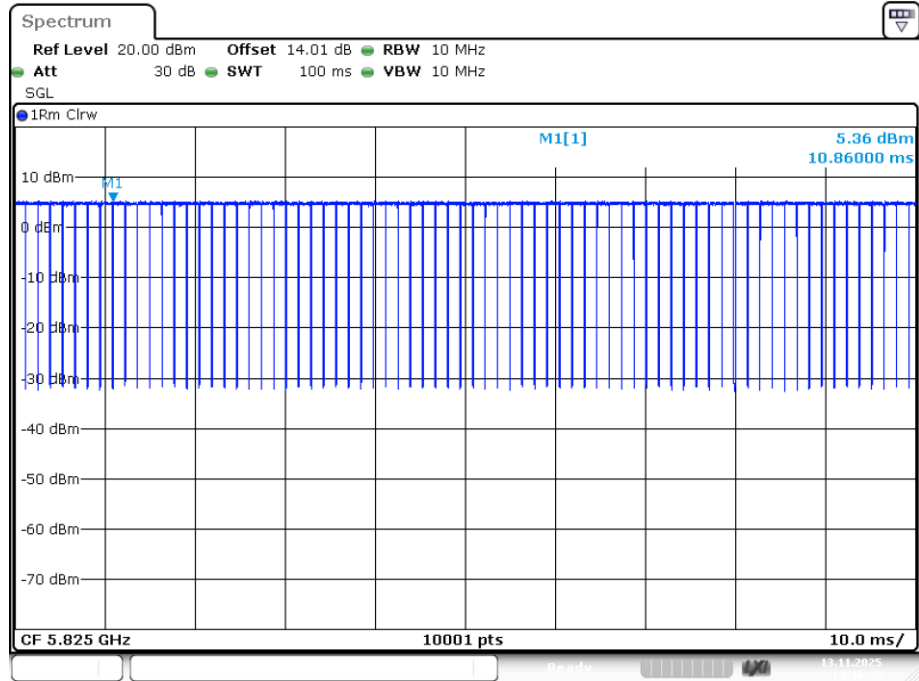
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

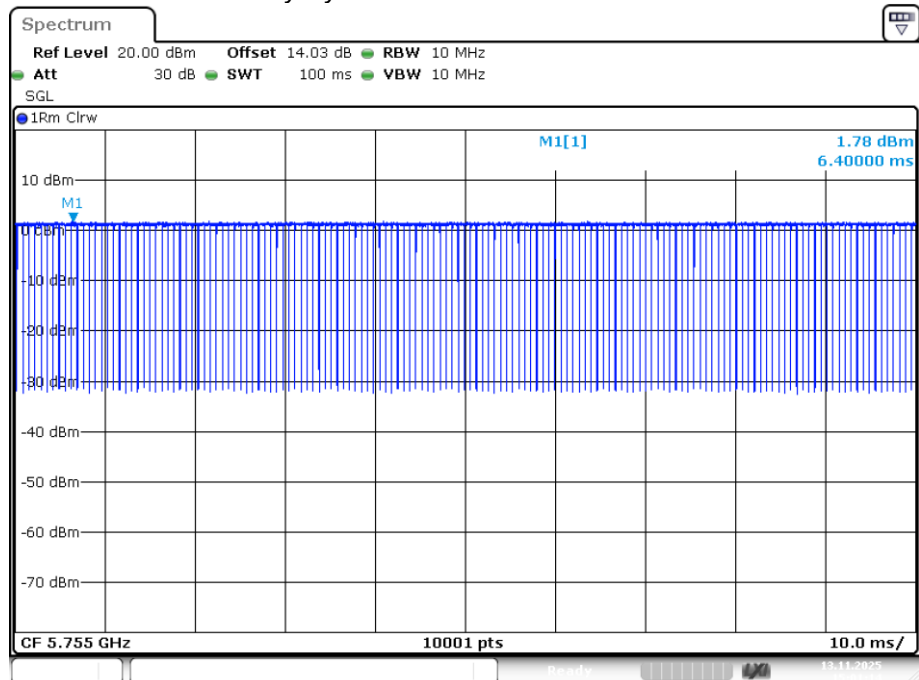


Duty Cycle NVNT n20 5825MHz Ant1



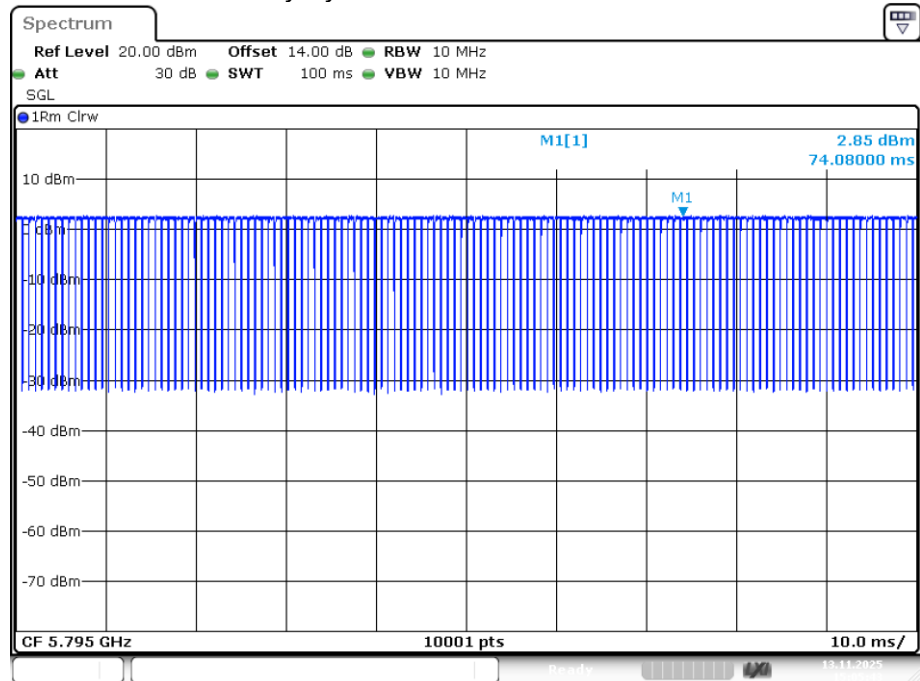
Date: 13.NOV.2025 14:46:39

Duty Cycle NVNT n40 5755MHz Ant1



Date: 13.NOV.2025 15:01:14

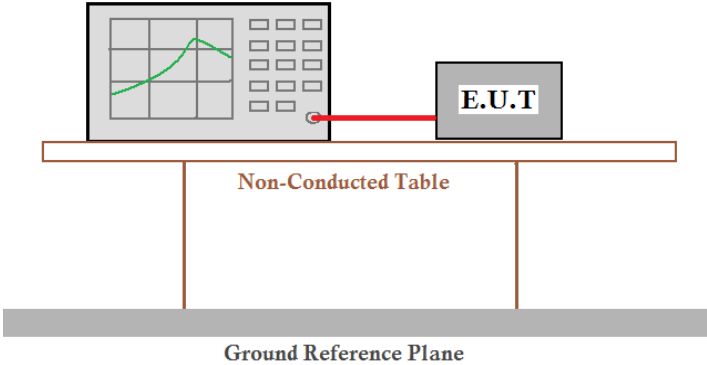
Duty Cycle NVNT n40 5795MHz Ant1



Date: 13.NOV.2025 15:05:43

Note: offset=cable factor

4.4 Peak Transmit Power

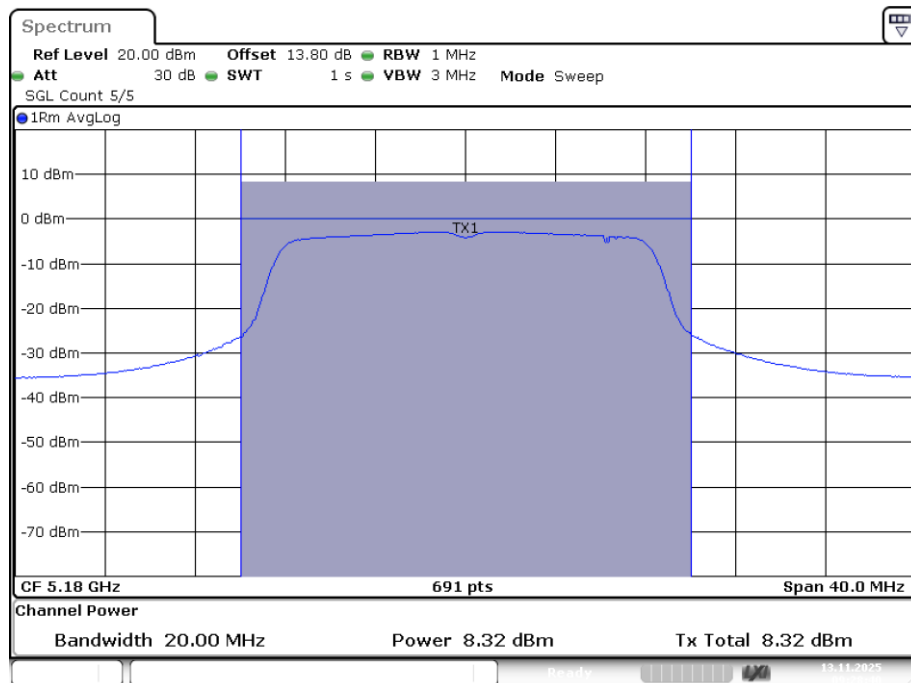
Test Requirement:	FCC Part15 E Section 15.407, RSS-247 Issue 3																		
Test Method:	ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024																		
Limit:	FCC: For the band 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725GHz, The maximum conducted output power over the frequency 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><tr><th>Section.</th><th>Test Item.</th><th>Limit.</th><th>FrequencyRange. (MHz).</th><th>Result.</th></tr><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 $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$.</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></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 $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$.	5250-5350.	6.2.3.1.	5470-5725.	6.2.4.1.	1 watt.	5725-5825.
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 $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$.	5250-5350.																
6.2.3.1.			5470-5725.																
6.2.4.1.		1 watt.	5725-5825.																
Test setup:	Spectrum Analyzer  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 results:	Pass																		

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

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Cycle Factor (dB)	Ant Gain (dBi)	EIRP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.32	0.27	7.16	15.75	22.82	21.06	Pass
NVNT	a	5200	Ant1	8.142	0.08	7.16	15.38	22.82	21.07	Pass
NVNT	a	5240	Ant1	8.459	0.62	7.16	16.24	22.82	21.06	Pass
NVNT	ac20	5180	Ant1	7.309	0.09	7.16	14.56	22.82	21.37	Pass
NVNT	ac20	5200	Ant1	7.061	0.31	7.16	14.53	22.82	21.37	Pass
NVNT	ac20	5240	Ant1	7.841	0.09	7.16	15.09	22.82	21.37	Pass
NVNT	ac40	5190	Ant1	7.297	0.19	7.16	14.65	22.82	21.85	Pass
NVNT	ac40	5230	Ant1	7.624	0.17	7.16	14.95	22.82	21.85	Pass
NVNT	ax20	5180	Ant1	5.223	0.12	7.16	12.50	22.82	21.65	Pass
NVNT	ax20	5200	Ant1	5.186	0.16	7.16	12.51	22.82	21.63	Pass
NVNT	ax20	5240	Ant1	5.17	0.11	7.16	12.44	22.82	21.63	Pass
NVNT	ax40	5190	Ant1	5.221	0.24	7.16	12.62	22.82	21.85	Pass
NVNT	ax40	5230	Ant1	5.559	0.21	7.16	12.93	22.82	21.85	Pass
NVNT	n20	5180	Ant1	7.805	0.01	7.16	14.98	22.82	21.36	Pass
NVNT	n20	5200	Ant1	8.293	0.04	7.16	15.49	22.82	21.36	Pass
NVNT	n20	5240	Ant1	9.108	0.01	7.16	16.28	22.82	21.37	Pass
NVNT	n40	5190	Ant1	7.379	0.01	7.16	14.55	22.82	21.85	Pass
NVNT	n40	5230	Ant1	7.66	0	7.16	14.82	22.82	21.85	Pass

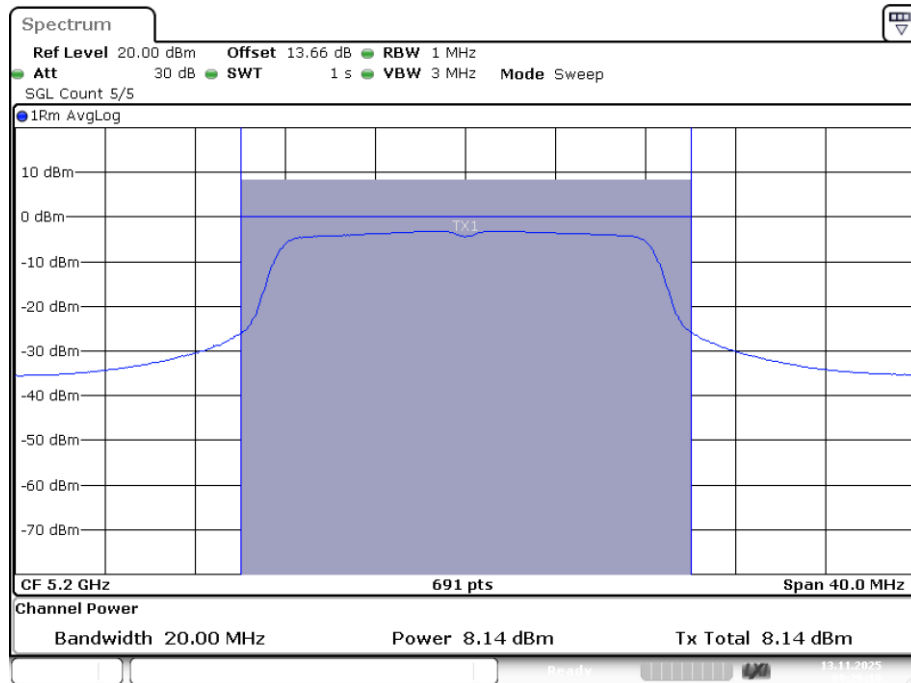
Note: 1. Directional gain=7.16dBi, so the Conducted Power Limit need to reduce 1.16.

Power NVNT a 5180MHz Ant1



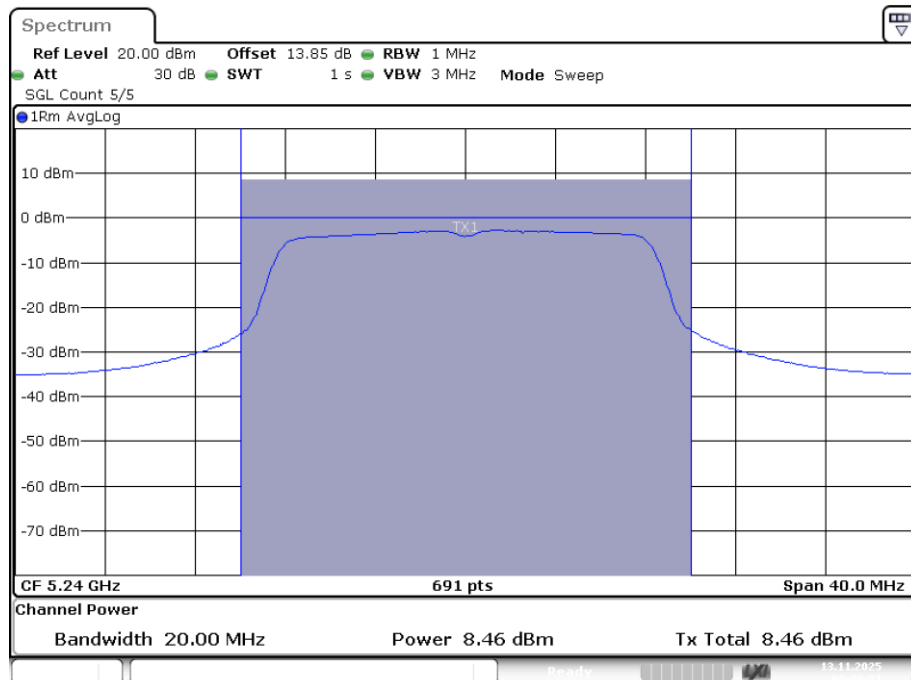
Date: 13.NOV.2025 09:28:40

Power NVNT a 5200MHz Ant1



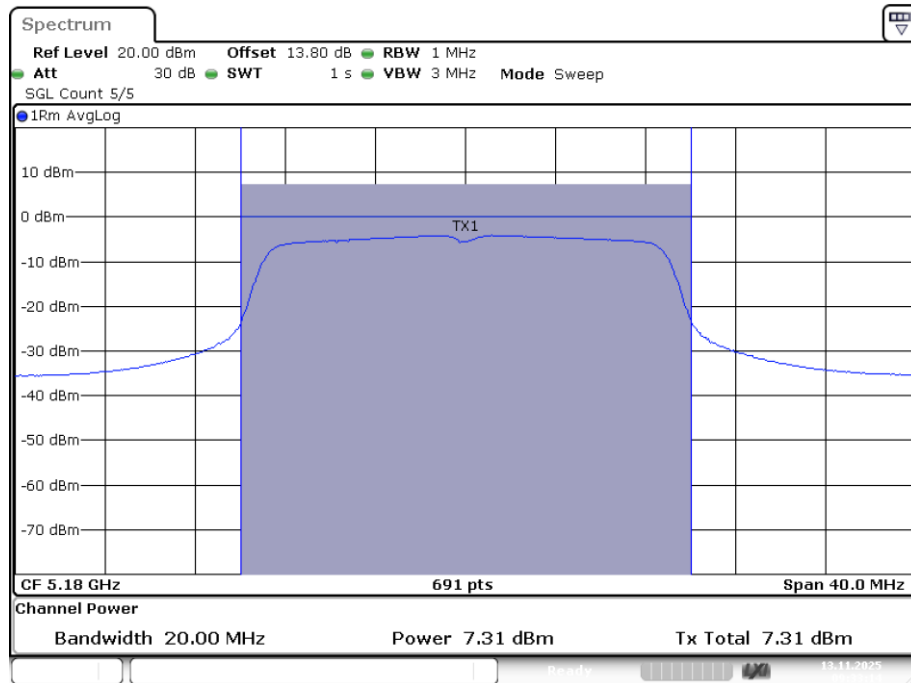
Date: 13.NOV.2025 09:26:10

Power NVNT a 5240MHz Ant1



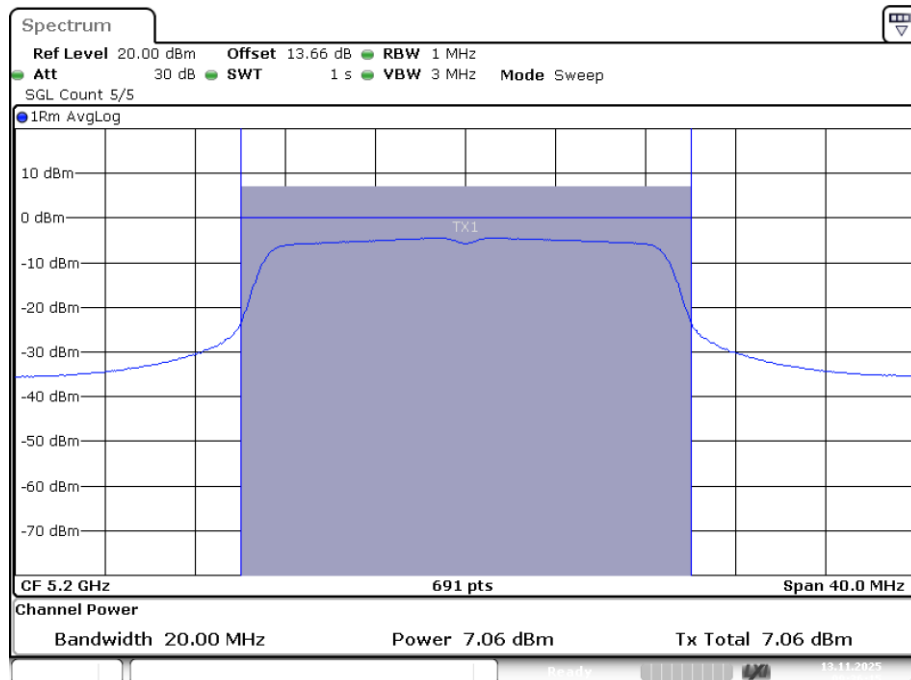
Date: 13.NOV.2025 09:23:20

Power NVNT ac20 5180MHz Ant1



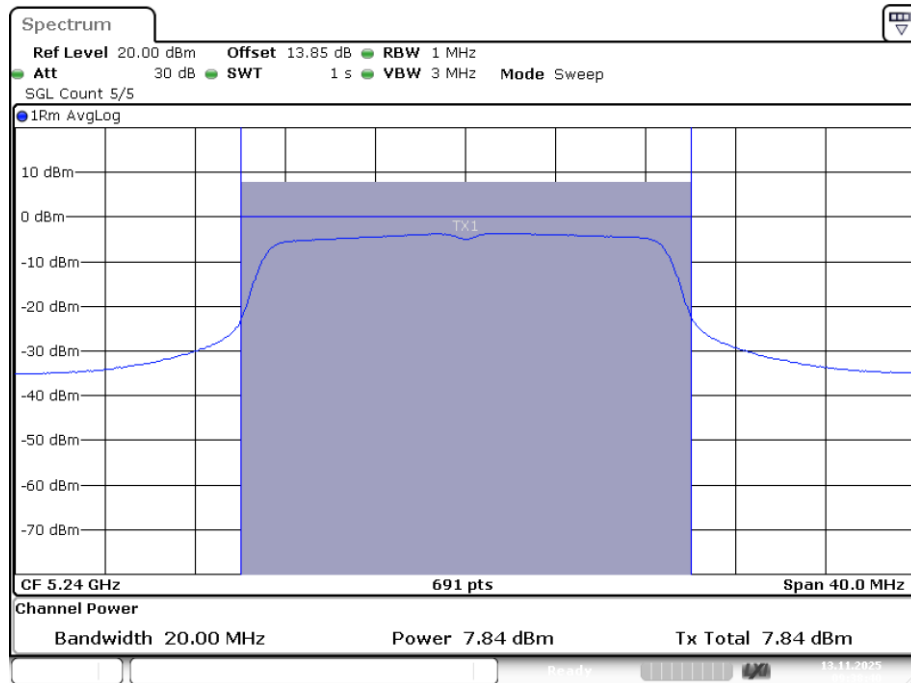
Date: 13.NOV.2025 09:33:14

Power NVNT ac20 5200MHz Ant1



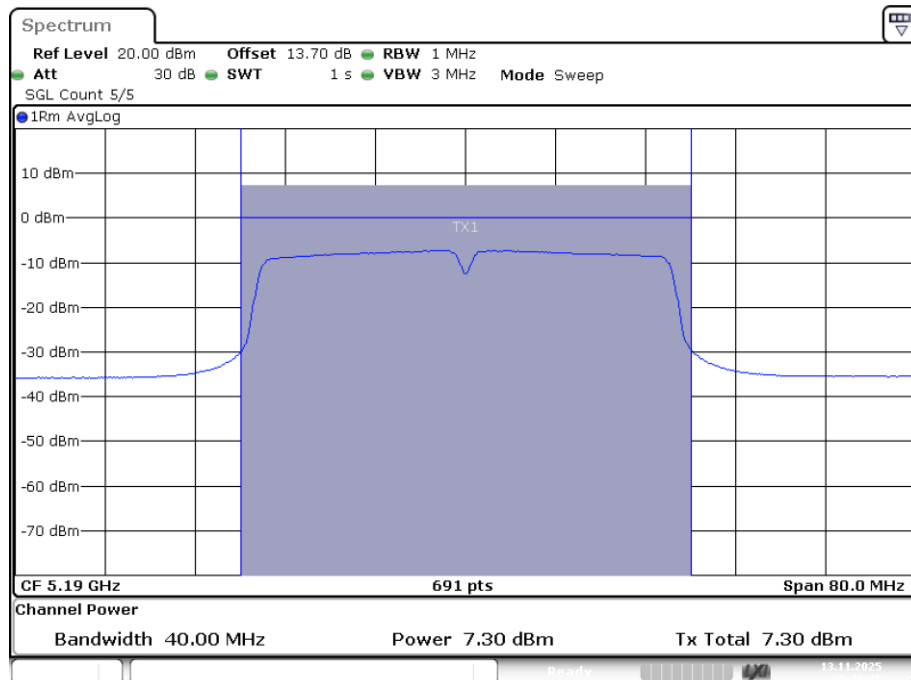
Date: 13.NOV.2025 09:36:14

Power NVNT ac20 5240MHz Ant1



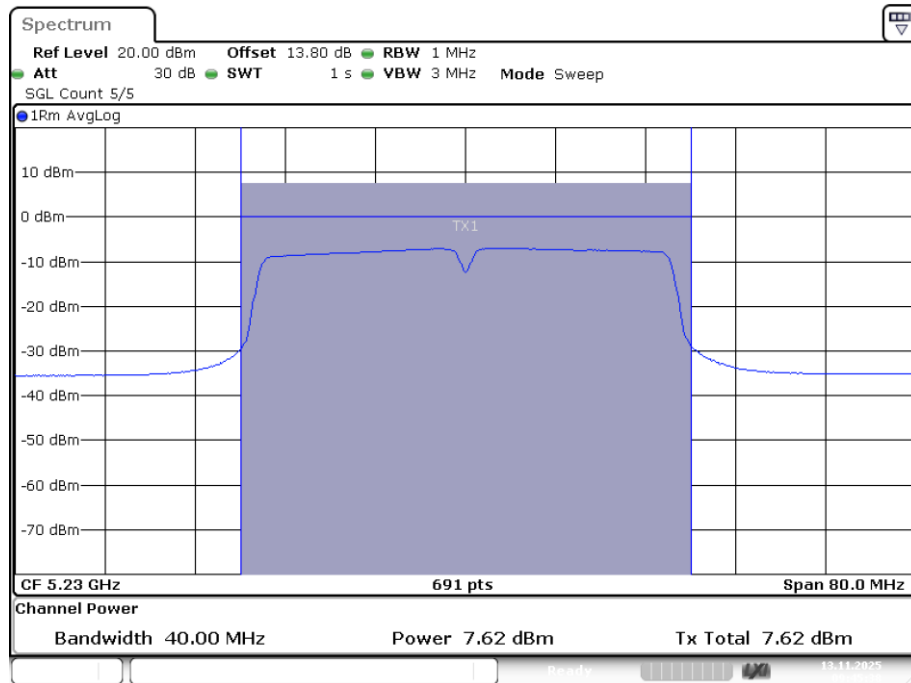
Date: 13.NOV.2025 09:38:39

Power NVNT ac40 5190MHz Ant1



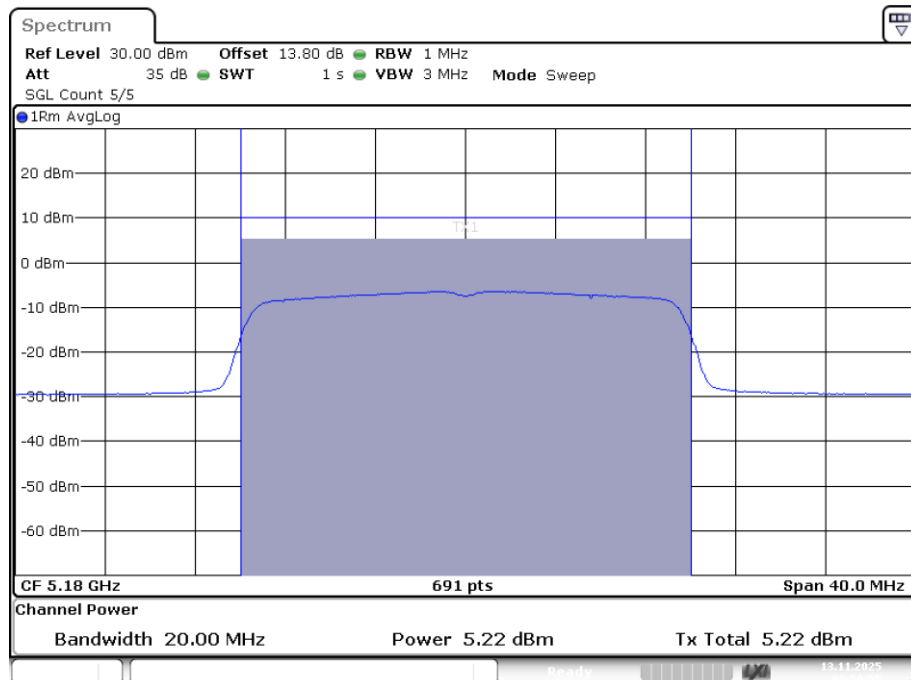
Date: 13.NOV.2025 09:42:34

Power NVNT ac40 5230MHz Ant1



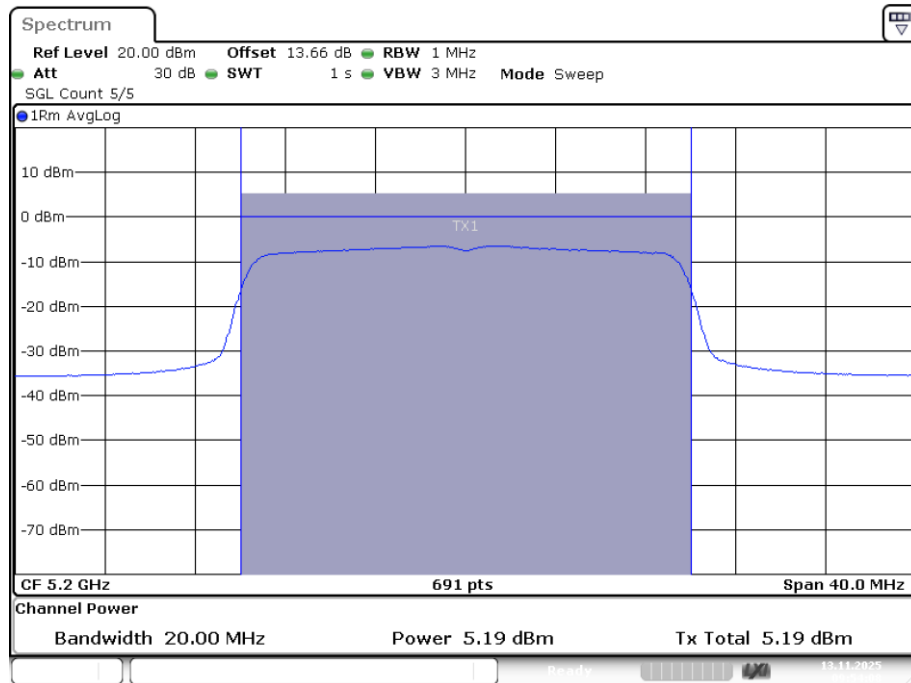
Date: 13.NOV.2025 09:45:38

Power NVNT ax20 5180MHz Ant1



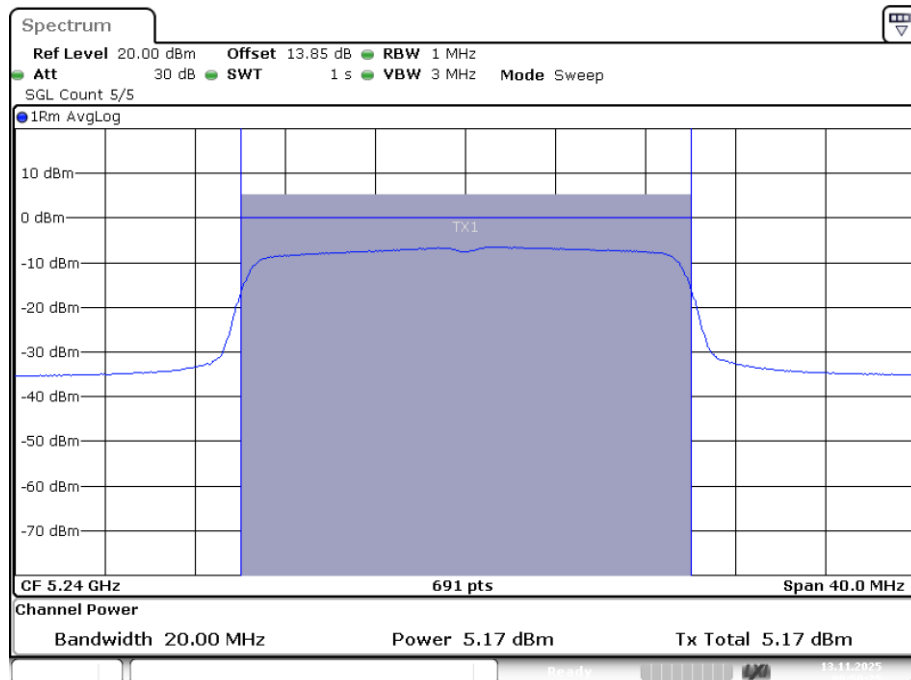
Date: 13.NOV.2025 09:50:55

Power NVNT ax20 5200MHz Ant1



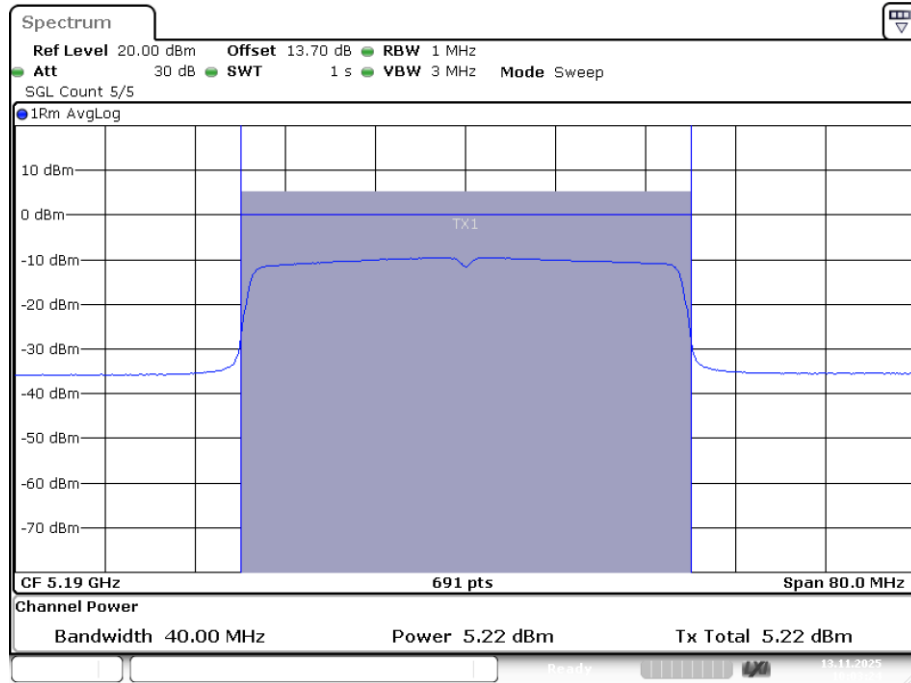
Date: 13.NOV.2025 09:54:08

Power NVNT ax20 5240MHz Ant1



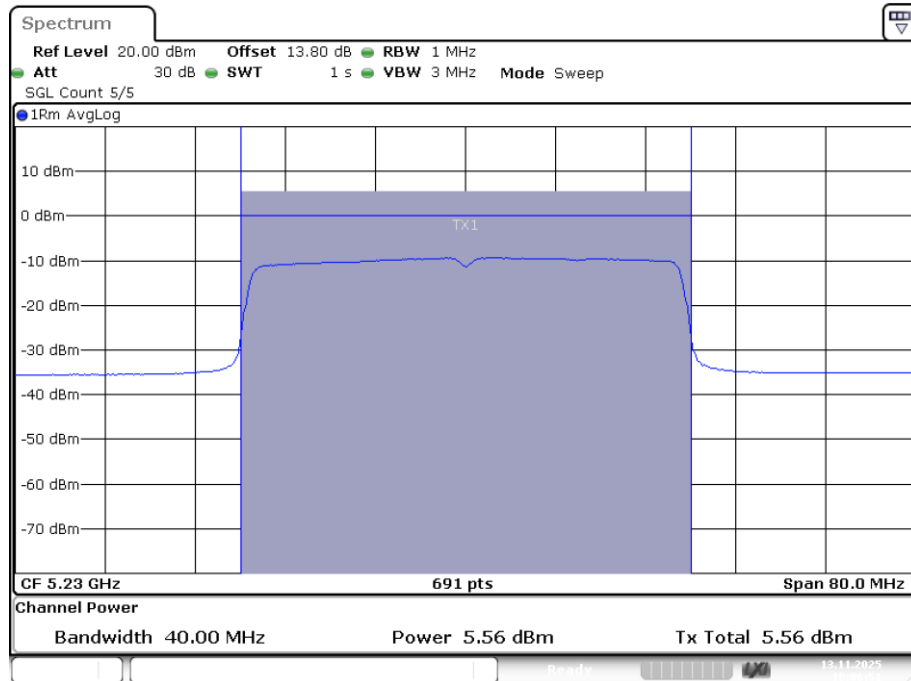
Date: 13.NOV.2025 09:59:24

Power NVNT ax40 5190MHz Ant1



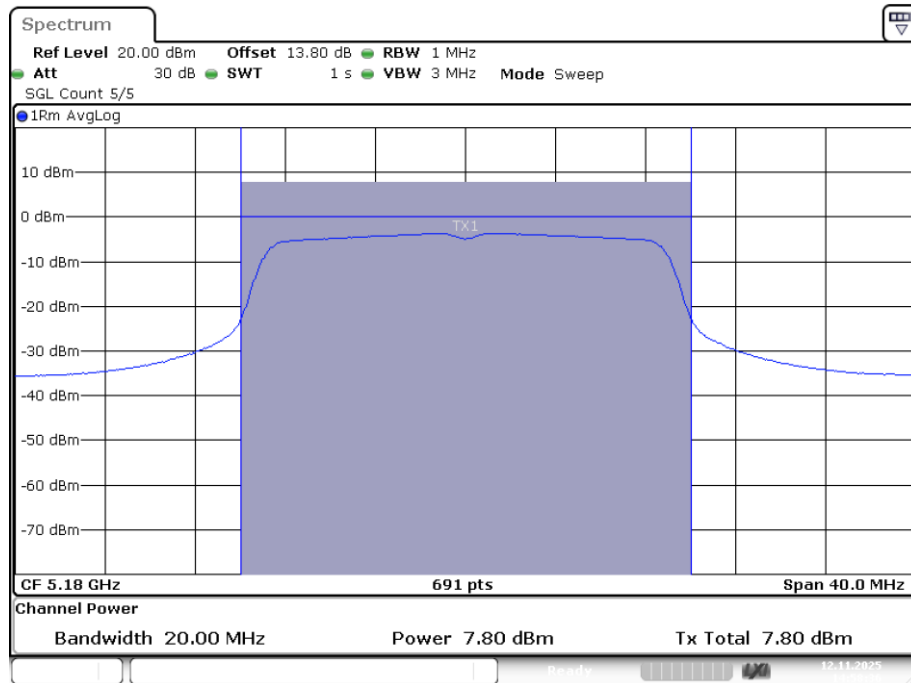
Date: 13.NOV.2025 10:03:24

Power NVNT ax40 5230MHz Ant1



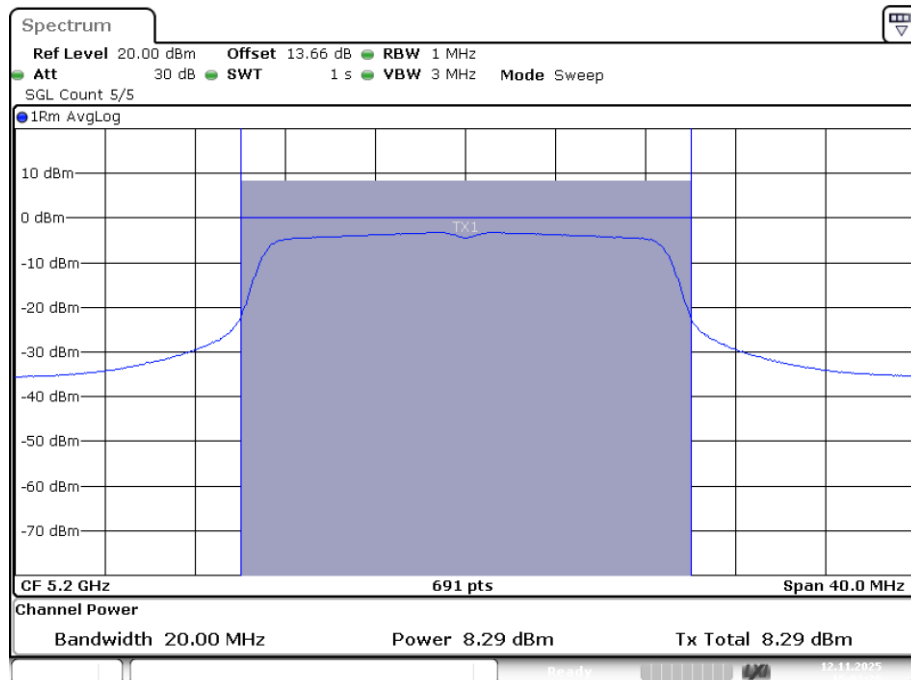
Date: 13.NOV.2025 10:06:50

Power NVNT n20 5180MHz Ant1



Date: 12.NOV.2025 14:58:36

Power NVNT n20 5200MHz Ant1



Date: 12.NOV.2025 15:02:26