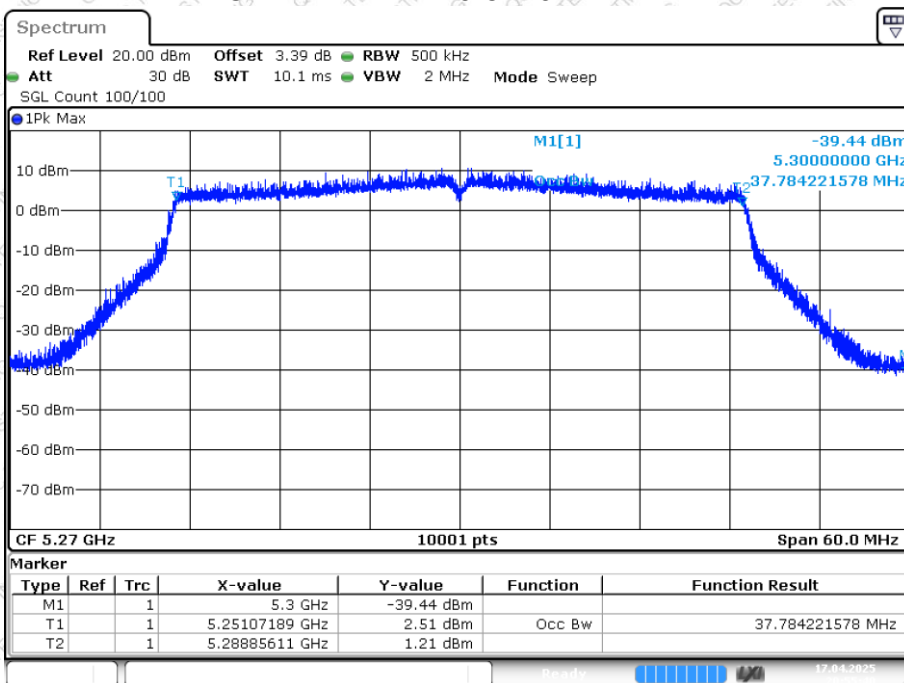
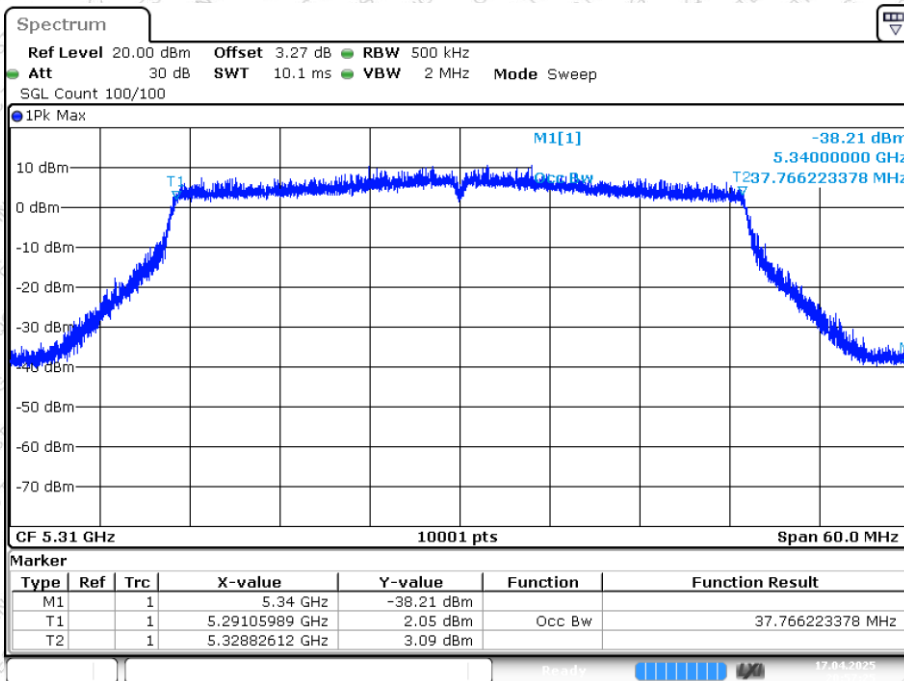




OBW NVNT ax40 5270MHz Ant1

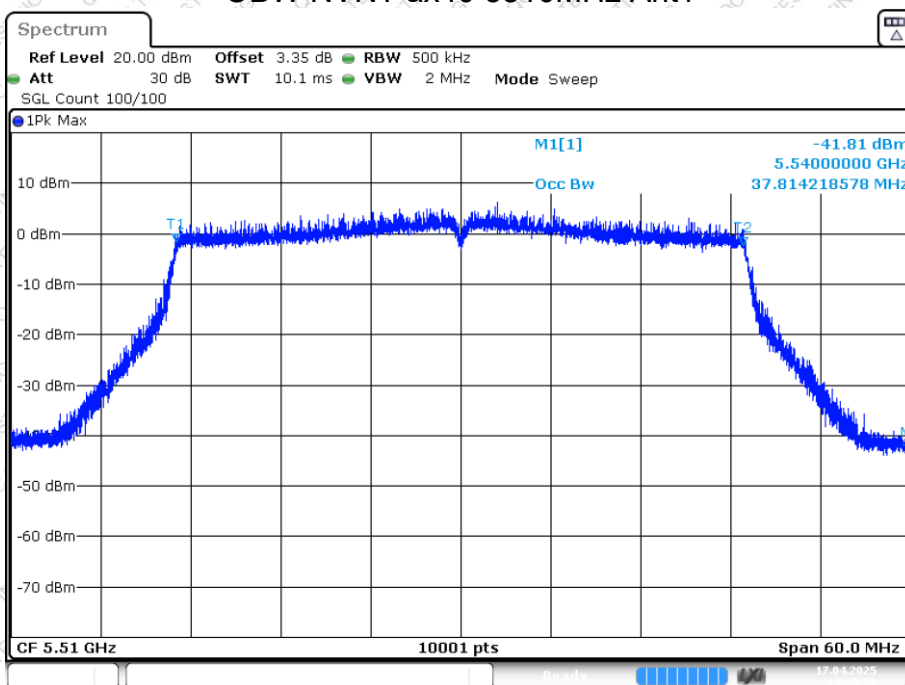


OBW NVNT ax40 5310MHz Ant1



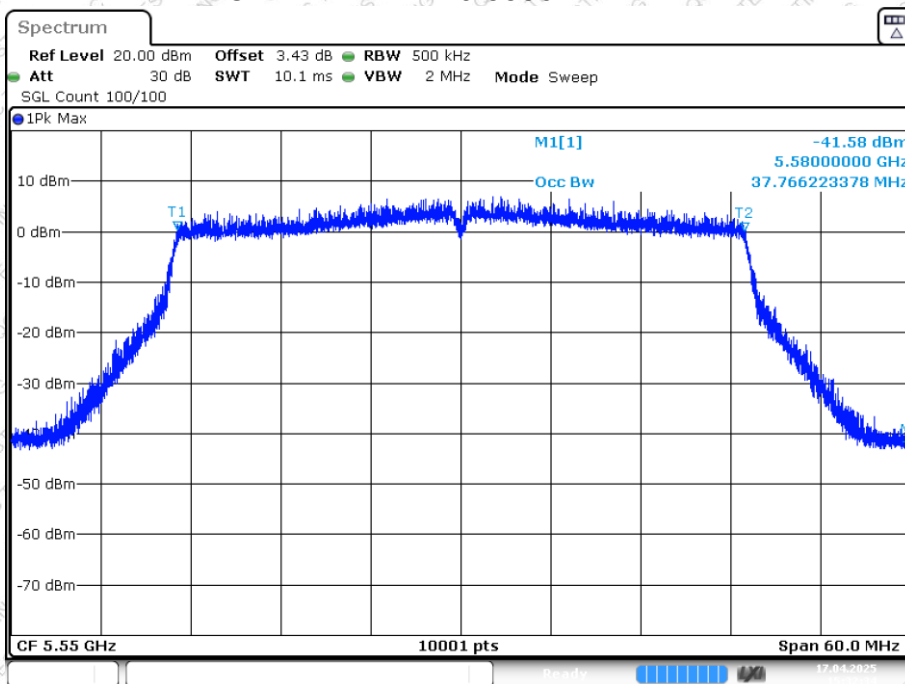


OBW NVNT ax40 5510MHz Ant1



Date: 17. APR 2025 15:29:40

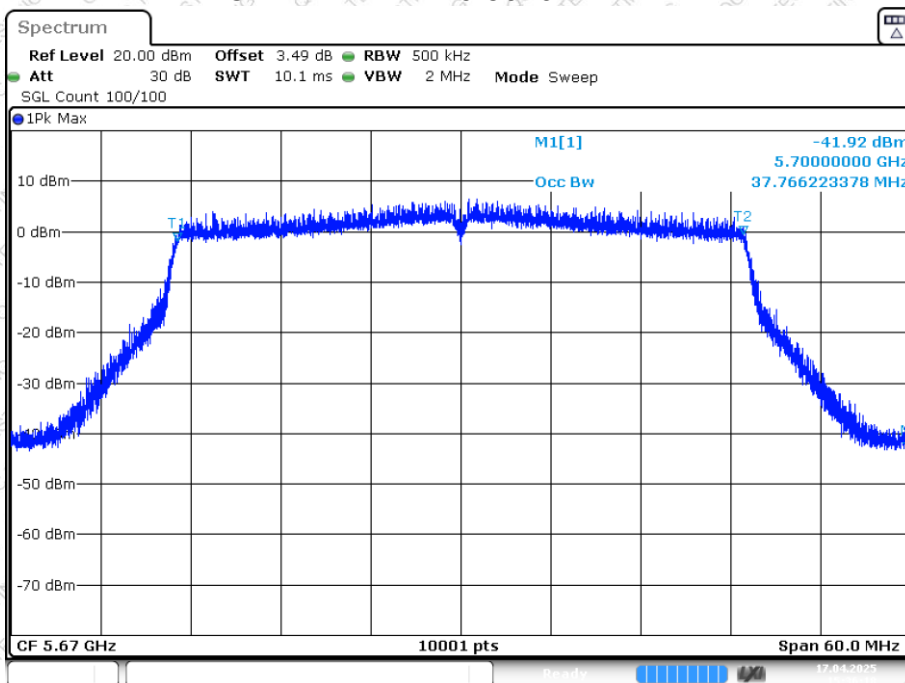
OBW NVNT ax40 5550MHz Ant1



Date: 17. APR 2025 15:32:34

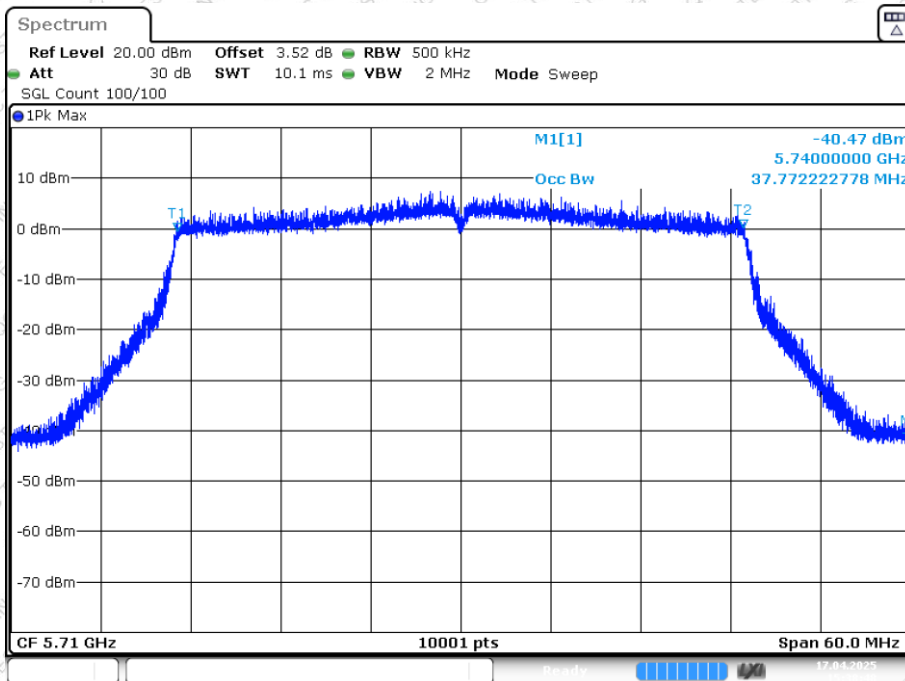


OBW NVNT ax40 5670MHz Ant1



Date: 17. APR 2025 15:36:18

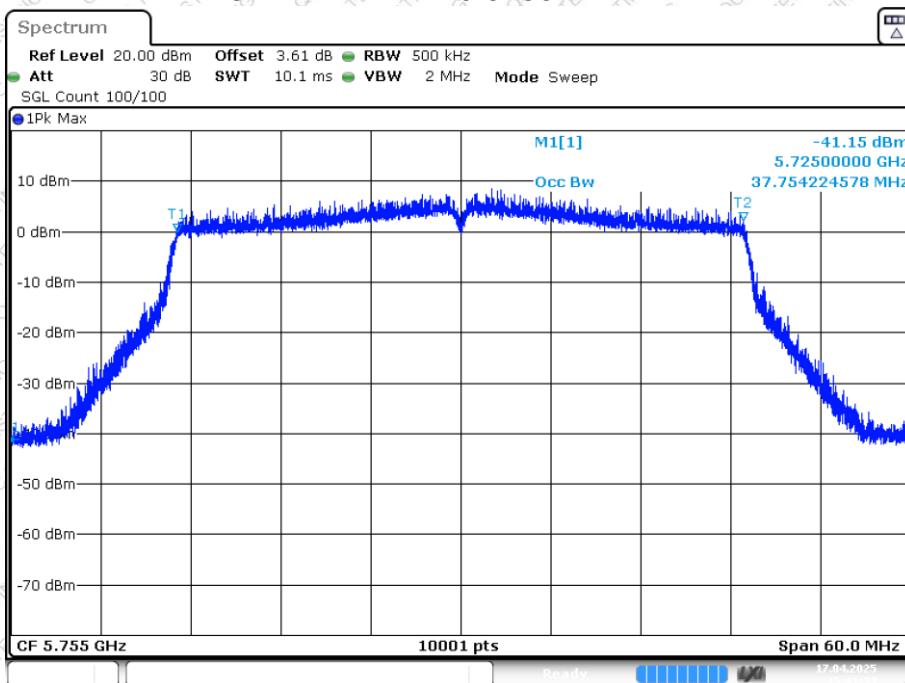
OBW NVNT ax40 5710MHz Ant1



Date: 17. APR 2025 15:38:48

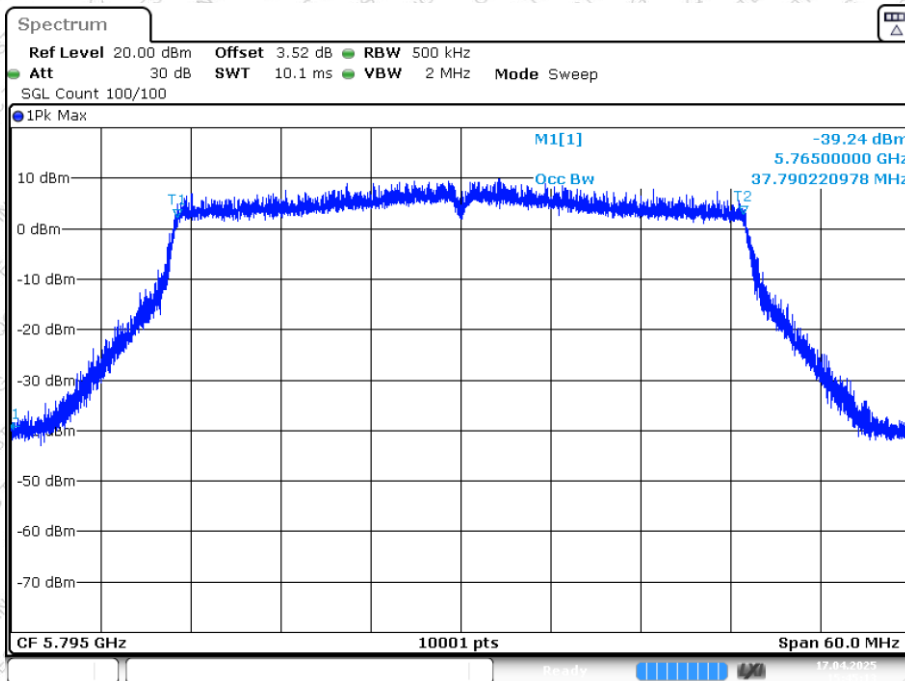


OBW NVNT ax40 5755MHz Ant1



Date: 17. APR 2025 15:41:34

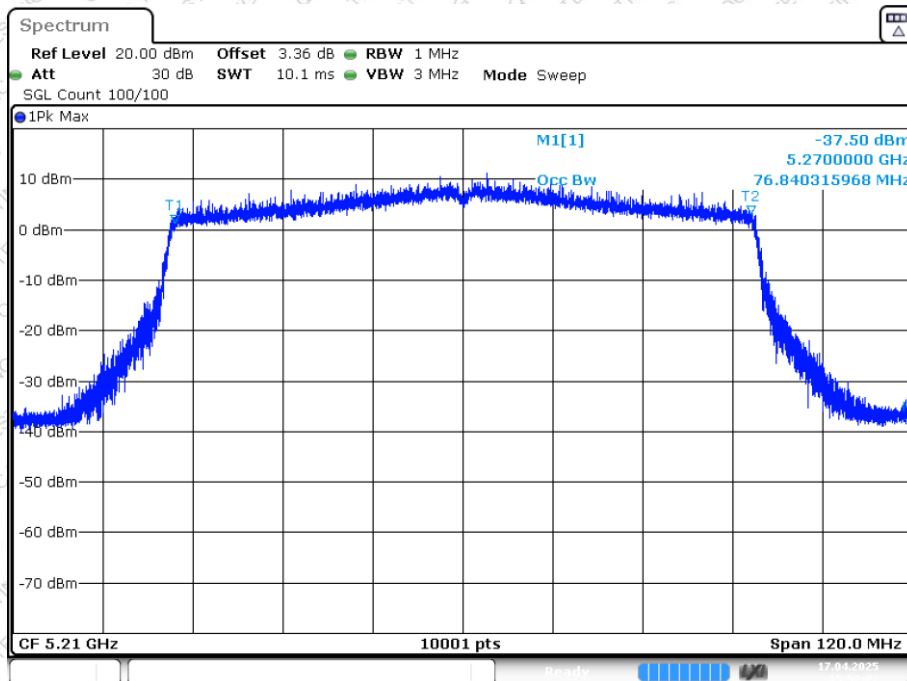
OBW NVNT ax40 5795MHz Ant1



Date: 17. APR 2025 15:45:14

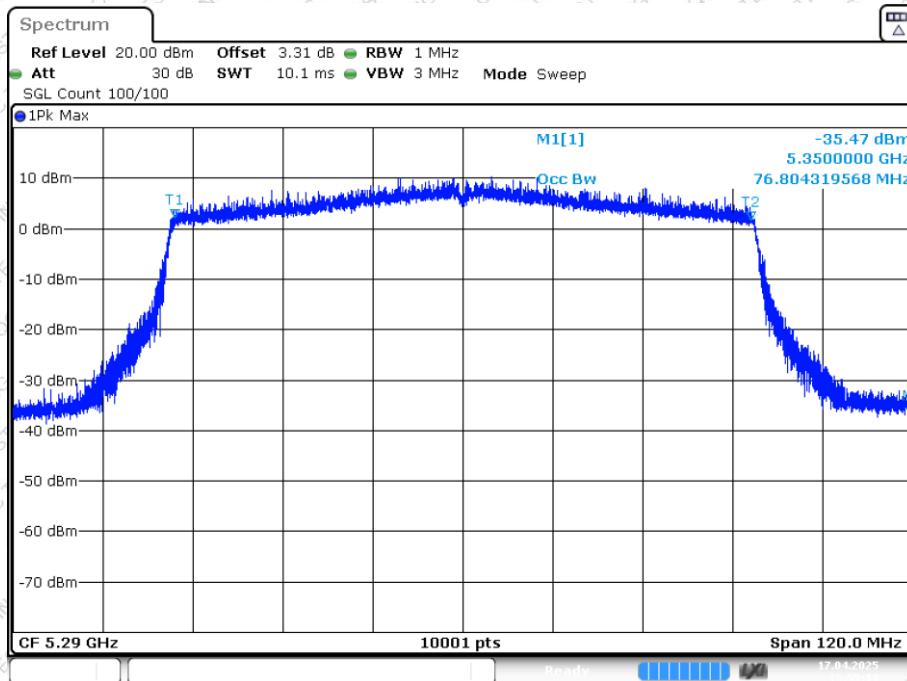


OBW NVNT ax80 5210MHz Ant1



Date: 17. APR 2025 15:52:22

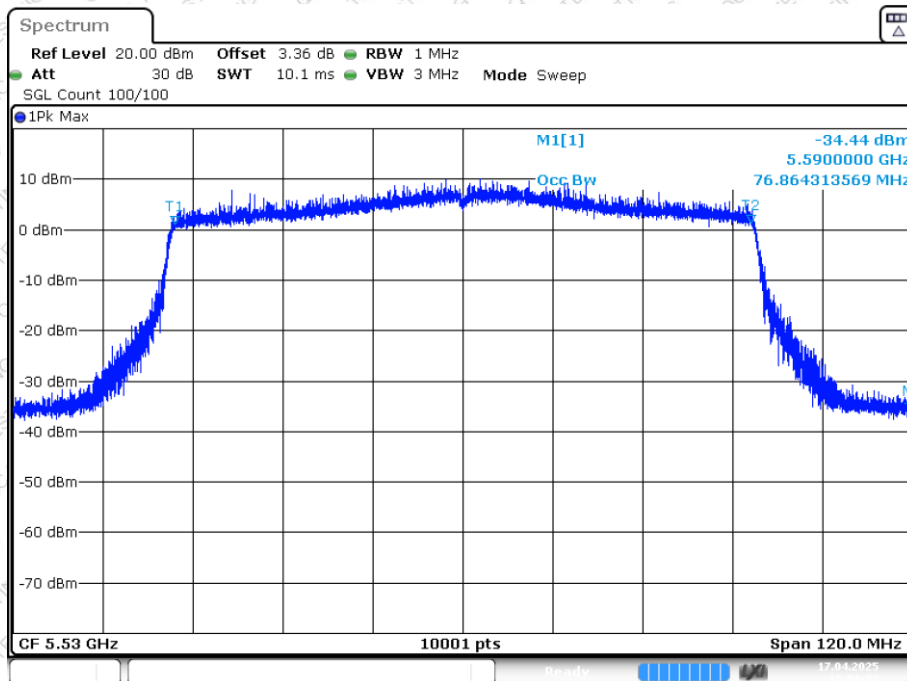
OBW NVNT ax80 5290MHz Ant1



Date: 17. APR 2025 15:55:11

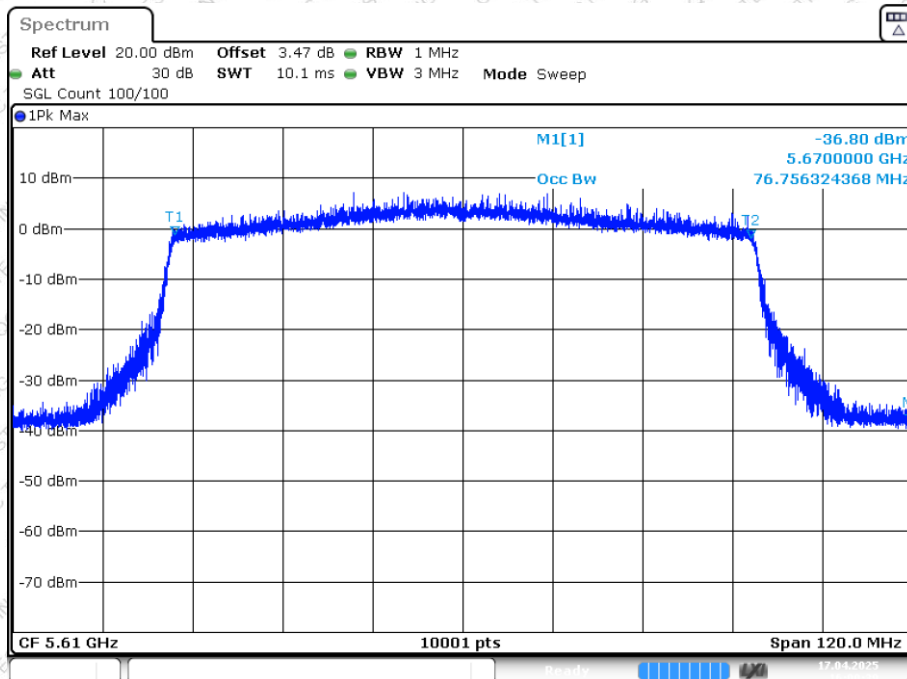


OBW NVNT ax80 5530MHz Ant1



Date: 17. APR 2025 15:58:34

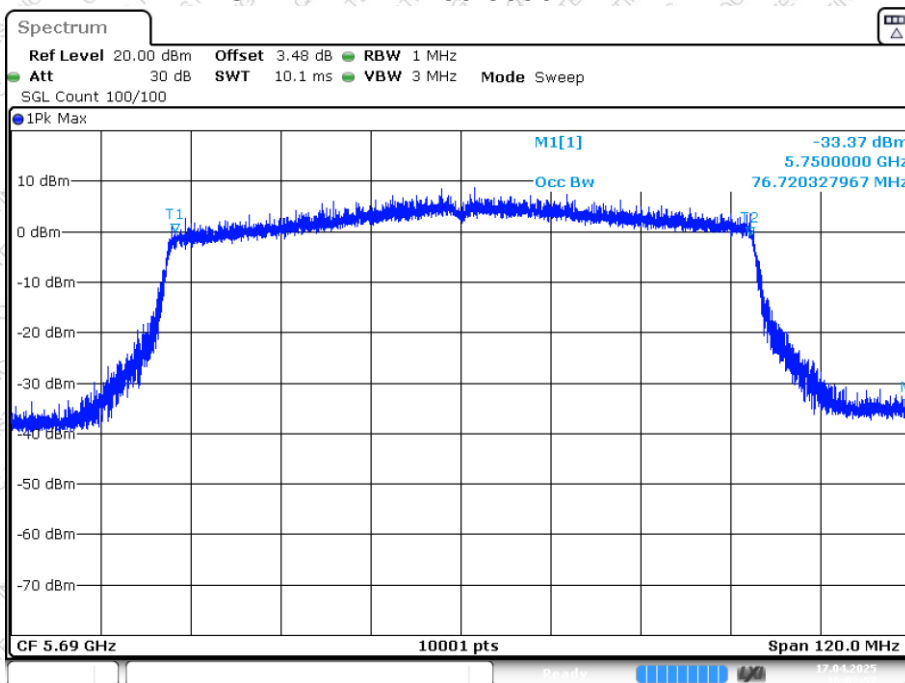
OBW NVNT ax80 5610MHz Ant1



Date: 17. APR 2025 16:00:39

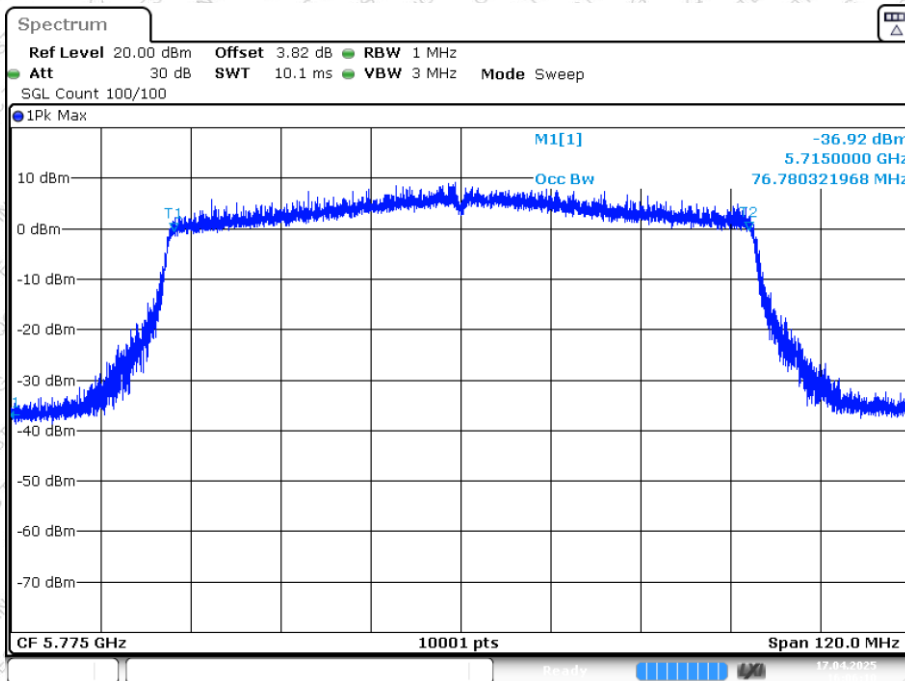


OBW NVNT ax80 5690MHz Ant1



Date: 17. APR 2025 16:02:57

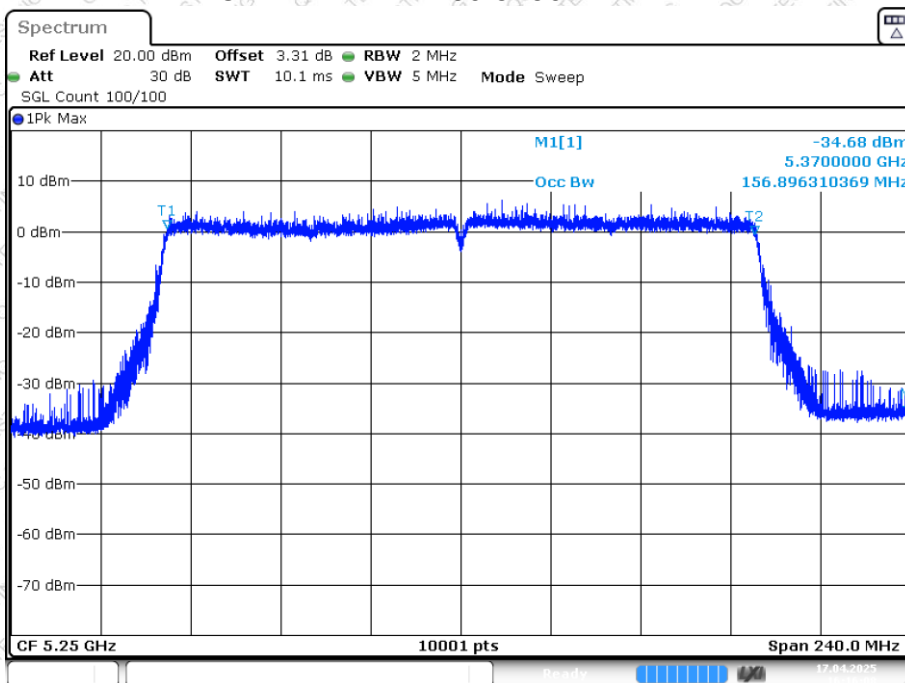
OBW NVNT ax80 5775MHz Ant1



Date: 17. APR 2025 16:06:10

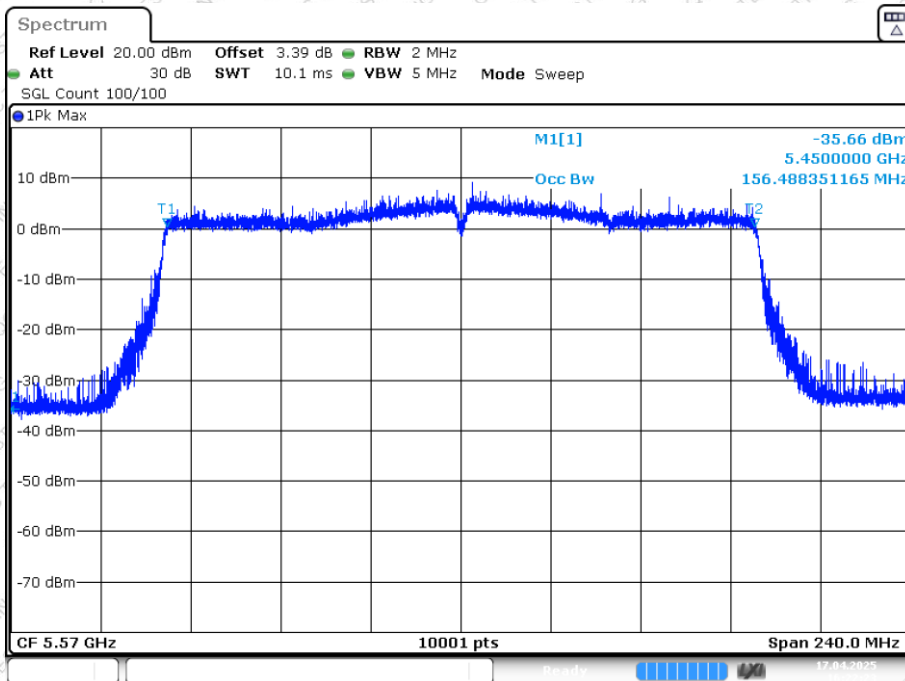


OBW NVNT ax160 5250MHz Ant1



Date: 17. APR 2025 16:16:08

OBW NVNT ax160 5570MHz Ant1



Date: 17. APR 2025 16:22:24

6. Maximum conducted output power

6.1. Test Method

According to KDB789033 D02

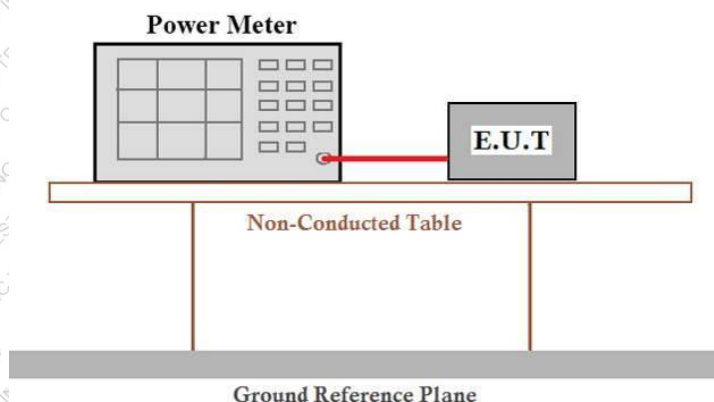
6.2. Limit

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

6.3. Test setup



6.4. 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).

6.5. Test Data

Temperature	21.9 °C	Humidity	52%
ATM Pressure	101.1kPa	Antenna Gain	1.49dBi
Test by	LBi Li	Test result	PASS



Test result as below table

Maximum conducted power:

IEE 802.11a modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5180	16.3	0.01	16.31	23.98	Pass
	Middle	5200	16.19	0.01	16.2	23.98	Pass
	High	5240	15.37	0.01	15.38	23.98	Pass
UNII-2A	Low	5260	16.46	0.01	16.47	23.98	Pass
	Middle	5300	16.04	0.01	16.05	23.98	Pass
	High	5320	16.22	0.01	16.23	23.98	Pass
UNII-2C	Low	5500	16	0.01	16.01	23.98	Pass
	Middle	5580	15.46	0.01	15.47	23.98	Pass
	High	5700	16.23	0.01	16.24	23.98	Pass
		5720	15.87	0.01	15.88	23.98	Pass
UNII-3	Low	5745	16.09	0.01	16.1	30	Pass
	Middle	5785	16.43	0.01	16.44	30	Pass
	High	5825	16.21	0.01	16.22	30	Pass

IEE 802.11n20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5180	15.03	0	15.03	23.98	Pass
	Middle	5200	14.84	0	14.84	23.98	Pass
	High	5240	14.88	0	14.88	23.98	Pass
UNII-2A	Low	5260	15.26	0	15.26	23.98	Pass
	Middle	5300	15.08	0	15.08	23.98	Pass
	High	5320	15.16	0	15.16	23.98	Pass
UNII-2C	Low	5500	14.77	0	14.77	23.98	Pass
	Middle	5580	14.42	0	14.42	23.98	Pass
	High	5700	15.3	0	15.3	23.98	Pass
		5720	15	0	15	23.98	Pass
UNII-3	Low	5745	15.18	0	15.18	30	Pass
	Middle	5785	15.54	0	15.54	30	Pass
	High	5825	15.36	0	15.36	30	Pass



IEE 802.11n40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5190	15.19	0	15.19	23.98	Pass
	High	5230	15.47	0	15.47	23.98	Pass
UNII-2A	Low	5270	15.58	0	15.58	23.98	Pass
	High	5310	15.42	0	15.42	23.98	Pass
UNII-2C	Low	5510	14.99	0	14.99	23.98	Pass
	Middle	5550	15.18	0	15.18	23.98	Pass
	High	5670	15.27	0	15.27	23.98	Pass
		5710	15.48	0	15.48	23.98	Pass
UNII-3	Low	5755	15.72	0	15.72	30	Pass
	High	5795	15.48	0	15.48	30	Pass

IEE 802.11ac20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5180	15.09	0	15.09	23.98	Pass
	Middle	5200	14.9	0.01	14.91	23.98	Pass
	High	5240	14.99	0	14.99	23.98	Pass
UNII-2A	Low	5260	15.3	0	15.3	23.98	Pass
	Middle	5300	15.12	0	15.12	23.98	Pass
	High	5320	15.08	0	15.08	23.98	Pass
UNII-2C	Low	5500	14.73	0	14.73	23.98	Pass
	Middle	5580	14.45	0	14.45	23.98	Pass
	High	5700	15.42	0	15.42	23.98	Pass
		5720	15.09	0	15.09	23.98	Pass
UNII-3	Low	5745	15.27	0	15.27	30	Pass
	Middle	5785	14.9	0	14.9	30	Pass
	High	5825	15.35	0	15.35	30	Pass



IEEE 802.11ac40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5190	15.41	0	15.41	23.98	Pass
	High	5230	15.56	0	15.56	23.98	Pass
UNII-2A	Low	5270	15.74	0	15.74	23.98	Pass
	High	5310	15.69	0	15.69	23.98	Pass
UNII-2C	Low	5510	15.16	0	15.16	23.98	Pass
	Middle	5550	15.46	0	15.46	23.98	Pass
	High	5670	15.44	0	15.44	23.98	Pass
		5710	15.68	0	15.68	23.98	Pass
UNII-3	Low	5755	15.87	0	15.87	30	Pass
	High	5795	15.76	0	15.76	30	Pass

IEEE 802.11ac80 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	42	5210	15.37	0.01	15.38	23.98	Pass
UNII-2A	58	5290	15.46	0.01	15.47	23.98	Pass
UNII-2C	Low	5530	15.12	0.01	15.13	23.98	Pass
	Middle	5610	14.74	0.01	14.75	23.98	Pass
		5690	15.4	0.01	15.41	23.98	Pass
UNII-3	155	5775	15.78	0	15.78	30	Pass

IEEE 802.11ac160 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-2A	50	5250	14.64	0.01	14.65	23.98	Pass
UNII-2C	114	5570	14.15	0.01	14.16	23.98	Pass



IEE 802.11ax20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5180	15.99	0.01	16	23.98	Pass
	Middle	5200	15.84	0	15.84	23.98	Pass
	High	5240	15.87	0.01	15.88	23.98	Pass
UNII-2A	Low	5260	16.19	0.01	16.2	23.98	Pass
	Middle	5300	16.02	0.01	16.03	23.98	Pass
	High	5320	16.01	0	16.01	23.98	Pass
UNII-2C	Low	5500	15.61	0	15.61	23.98	Pass
	Middle	5580	15.34	0	15.34	23.98	Pass
	High	5700	16.21	0.01	16.22	23.98	Pass
		5720	15.92	0.01	15.93	23.98	Pass
UNII-3	Low	5745	16.05	0.01	16.06	30	Pass
	Middle	5785	16.49	0	16.49	30	Pass
	High	5825	16.31	0.01	16.32	30	Pass

IEE 802.11ax40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	Low	5190	15.61	0	15.61	23.98	Pass
	High	5230	15.85	0	15.85	23.98	Pass
UNII-2A	Low	5270	14.07	0	14.07	23.98	Pass
	High	5310	13.6	0	13.6	23.98	Pass
UNII-2C	Low	5510	11.47	0.01	11.48	23.98	Pass
	Middle	5550	13	0	13	23.98	Pass
		5670	12.49	0	12.49	23.98	Pass
	High	5710	13.07	0	13.07	23.98	Pass
UNII-3	Low	5755	13.87	0	13.87	30	Pass
	High	5795	15.84	0	15.84	30	Pass



IEE 802.11ax80 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-1	42	5210	15.76	0	15.76	23.98	Pass
UNII-2A	58	5290	15.87	0	15.87	23.98	Pass
UNII-2C	Low	5530	15.36	0	15.36	23.98	Pass
	Middle	5610	12.46	0	12.46	23.98	Pass
		5690	13.3	0	13.3	23.98	Pass
UNII-3	155	5775	14.34	0	14.34	30	Pass

IEE 802.11ax160 modulation Test Result

Band	Channel	Frequency (MHz)	Measured Power (dBm)	Duty Factor	Conducted Power (dBm)	Conducted Power Limit (dBm)	Verdict
UNII-2A	50	5250	11.63	0	11.63	23.98	Pass
UNII-2C	114	5570	12.83	0	12.83	23.98	Pass

Remark: Conducted Power=Measured Power+Duty Factor



Duty Cycle:

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
a	5180	Ant1	99.75	0.01
a	5200	Ant1	99.73	0.01
a	5240	Ant1	99.81	0.01
a	5260	Ant1	99.75	0.01
a	5300	Ant1	99.85	0.01
a	5320	Ant1	99.77	0.01
a	5500	Ant1	99.79	0.01
a	5580	Ant1	99.77	0.01
a	5700	Ant1	99.78	0.01
a	5720	Ant1	99.77	0.01
a	5745	Ant1	99.79	0.01
a	5785	Ant1	99.84	0.01
a	5825	Ant1	99.82	0.01
n20	5180	Ant1	99.91	0
n20	5200	Ant1	99.9	0
n20	5240	Ant1	99.93	0
n20	5260	Ant1	99.91	0
n20	5300	Ant1	99.89	0
n20	5320	Ant1	99.91	0
n20	5500	Ant1	99.91	0
n20	5580	Ant1	99.92	0
n20	5700	Ant1	99.89	0
n20	5720	Ant1	99.9	0
n20	5745	Ant1	99.92	0
n20	5785	Ant1	99.92	0
n20	5825	Ant1	99.91	0
n40	5190	Ant1	99.9	0
n40	5230	Ant1	99.91	0
n40	5270	Ant1	99.9	0
n40	5310	Ant1	99.89	0
n40	5510	Ant1	99.93	0
n40	5550	Ant1	99.92	0
n40	5670	Ant1	99.91	0
n40	5710	Ant1	99.91	0
n40	5755	Ant1	99.95	0
n40	5795	Ant1	99.9	0
ac20	5180	Ant1	99.93	0
ac20	5200	Ant1	99.88	0.01
ac20	5240	Ant1	99.91	0



ac20	5260	Ant1	99.93	0
ac20	5300	Ant1	99.92	0
ac20	5320	Ant1	99.94	0
ac20	5500	Ant1	99.94	0
ac20	5580	Ant1	99.93	0
ac20	5700	Ant1	99.89	0
ac20	5720	Ant1	99.91	0
ac20	5745	Ant1	99.93	0
ac20	5785	Ant1	99.94	0
ac20	5825	Ant1	99.91	0
ac40	5190	Ant1	99.9	0
ac40	5230	Ant1	99.91	0
ac40	5270	Ant1	99.92	0
ac40	5310	Ant1	99.93	0
ac40	5510	Ant1	99.93	0
ac40	5550	Ant1	99.9	0
ac40	5670	Ant1	99.91	0
ac40	5710	Ant1	99.92	0
ac40	5755	Ant1	99.92	0
ac40	5795	Ant1	99.92	0
ac80	5210	Ant1	99.82	0.01
ac80	5290	Ant1	99.86	0.01
ac80	5530	Ant1	99.88	0.01
ac80	5610	Ant1	99.82	0.01
ac80	5690	Ant1	99.84	0.01
ac80	5775	Ant1	99.89	0
ac160	5250	Ant1	99.74	0.01
ac160	5570	Ant1	99.73	0.01
ax20	5180	Ant1	99.81	0.01
ax20	5200	Ant1	99.9	0
ax20	5240	Ant1	99.86	0.01
ax20	5260	Ant1	99.86	0.01
ax20	5300	Ant1	99.86	0.01
ax20	5320	Ant1	99.92	0
ax20	5500	Ant1	99.92	0
ax20	5580	Ant1	100	0
ax20	5700	Ant1	99.85	0.01
ax20	5720	Ant1	99.84	0.01
ax20	5745	Ant1	99.85	0.01
ax20	5785	Ant1	100	0
ax20	5825	Ant1	99.85	0.01
ax40	5190	Ant1	99.89	0

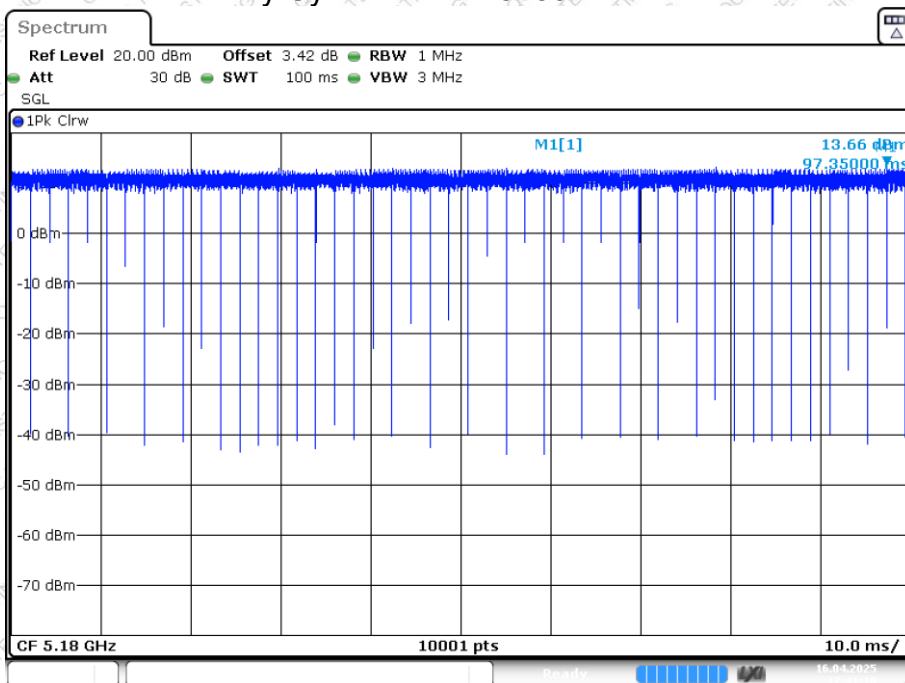


ax40	5230	Ant1	99.91	0
ax40	5270	Ant1	99.96	0
ax40	5310	Ant1	99.9	0
ax40	5510	Ant1	99.88	0.01
ax40	5550	Ant1	99.92	0
ax40	5670	Ant1	99.94	0
ax40	5710	Ant1	99.92	0
ax40	5755	Ant1	99.93	0
ax40	5795	Ant1	99.95	0
ax80	5210	Ant1	99.91	0
ax80	5290	Ant1	99.95	0
ax80	5530	Ant1	99.91	0
ax80	5610	Ant1	99.9	0
ax80	5690	Ant1	99.91	0
ax80	5775	Ant1	99.94	0
ax160	5250	Ant1	99.89	0
ax160	5570	Ant1	99.9	0

Remark: Duty Factor=10log(1/duty Cycle)

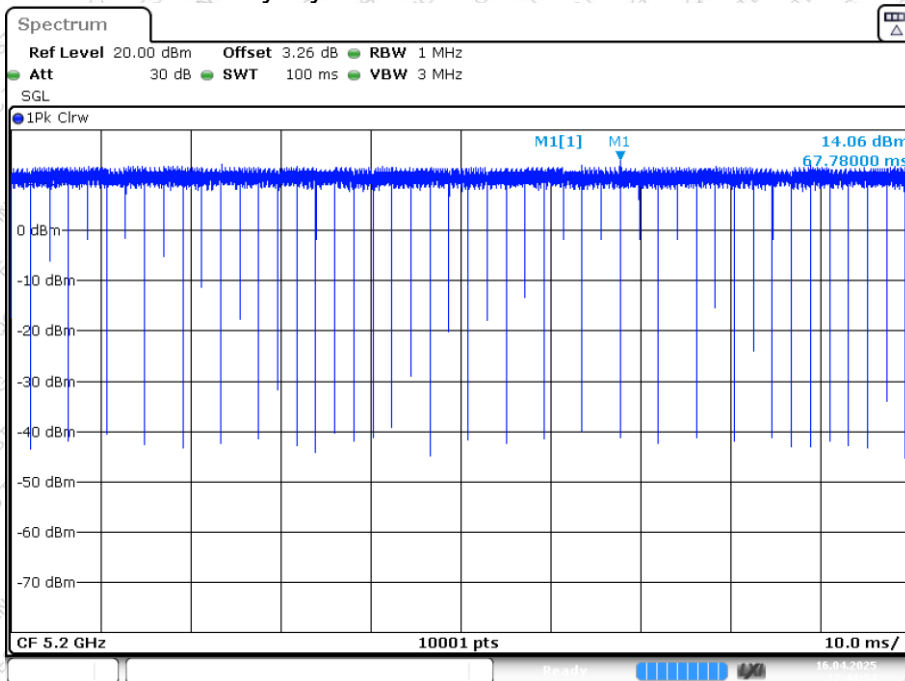


Duty Cycle NVNT a 5180MHz Ant1



Date: 16.APR.2025 17:41:10

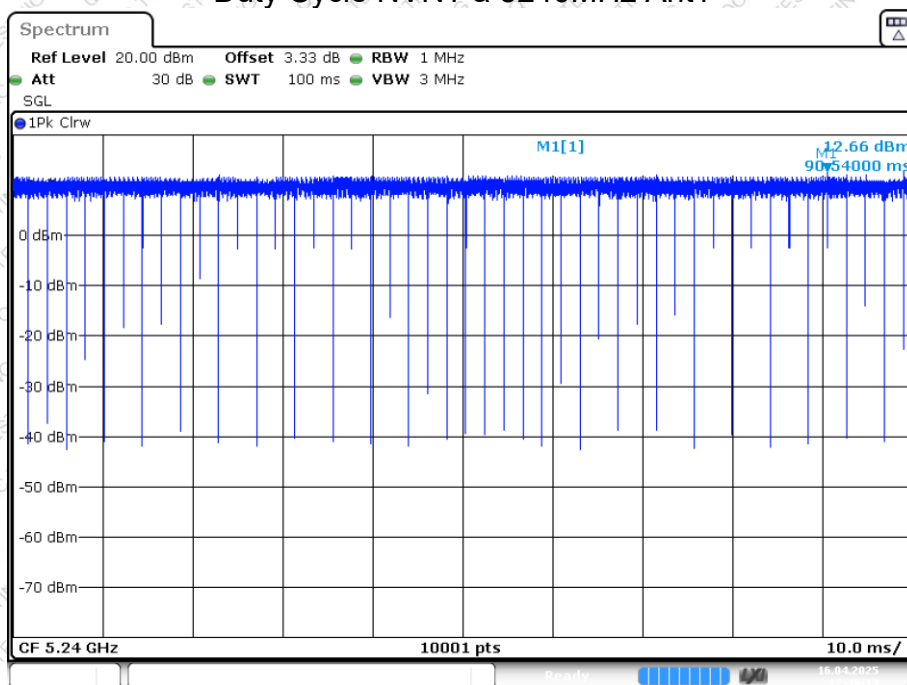
Duty Cycle NVNT a 5200MHz Ant1



Date: 16.APR.2025 17:44:35

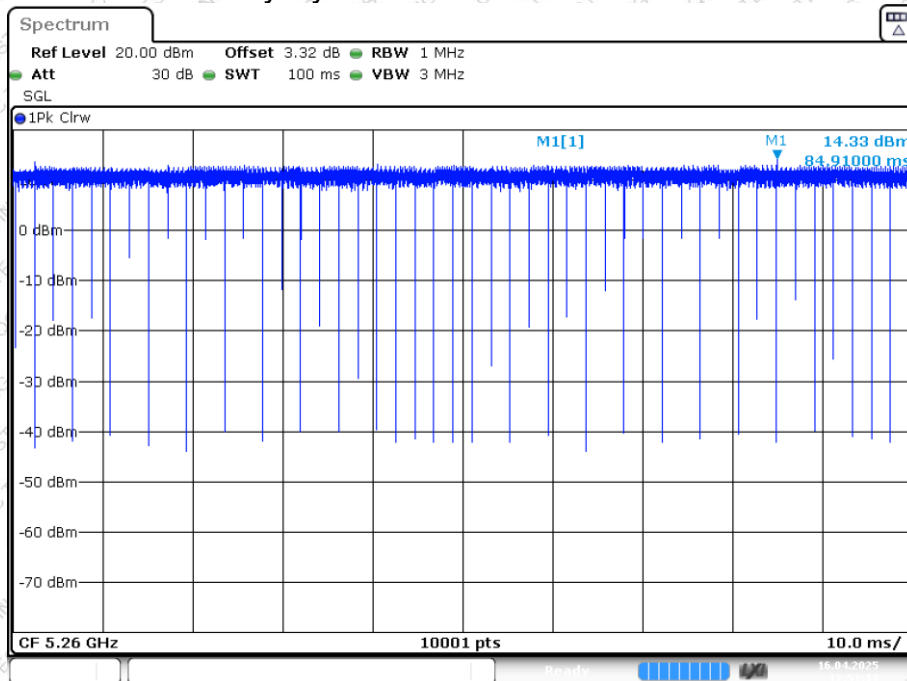


Duty Cycle NVNT a 5240MHz Ant1



Date: 16.APR.2025 17:48:14

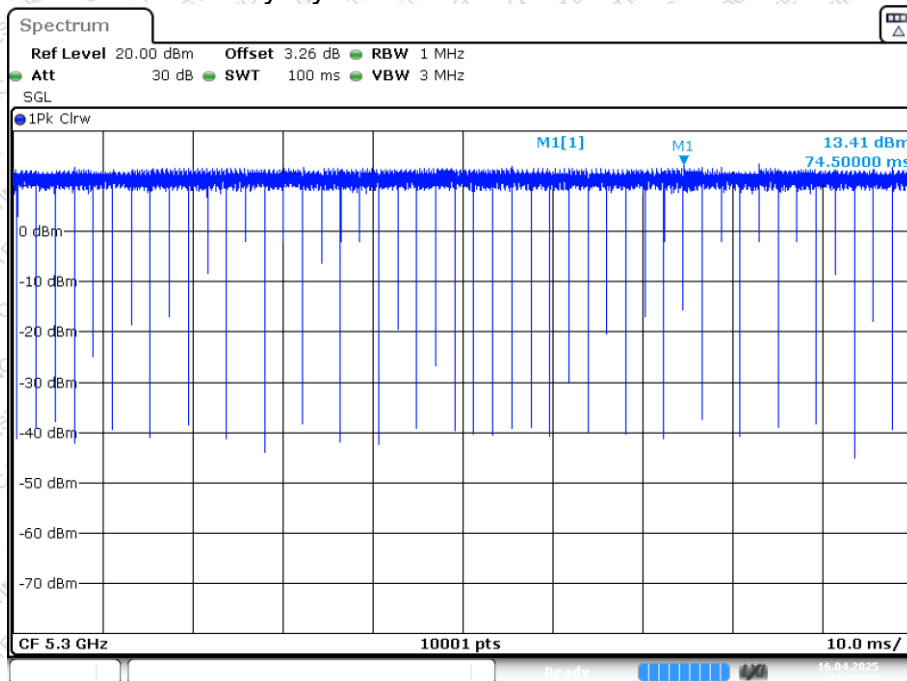
Duty Cycle NVNT a 5260MHz Ant1



Date: 16.APR.2025 17:51:11

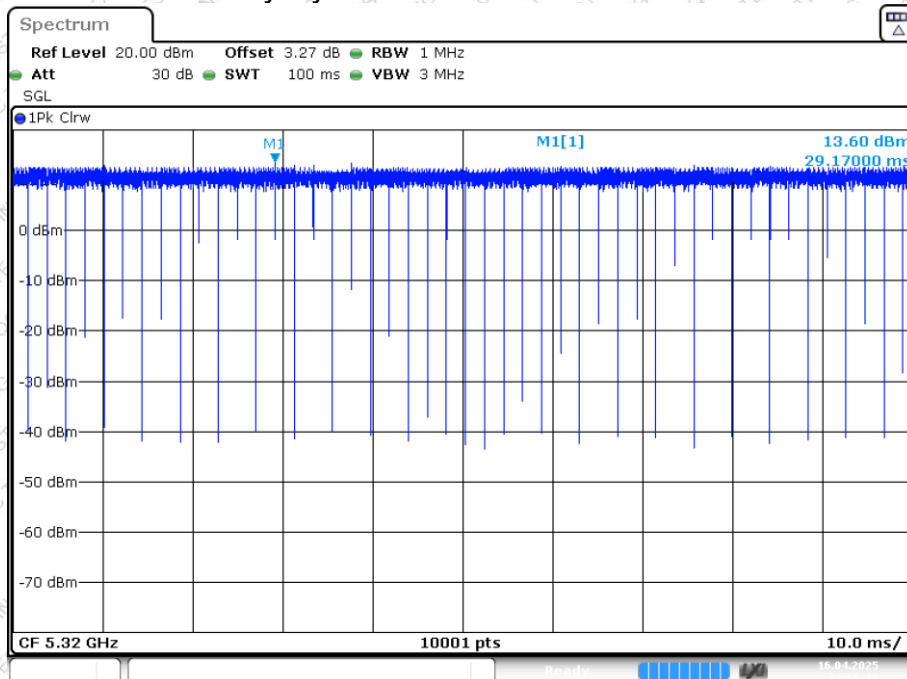


Duty Cycle NVNT a 5300MHz Ant1



Date: 16.APR.2025 17:53:37

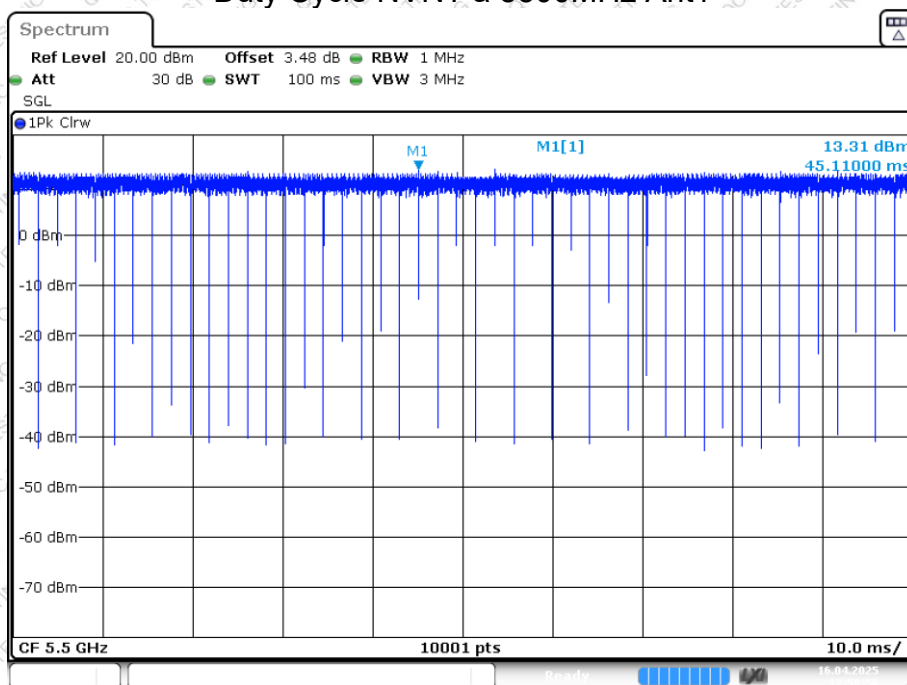
Duty Cycle NVNT a 5320MHz Ant1



Date: 16.APR.2025 17:56:40

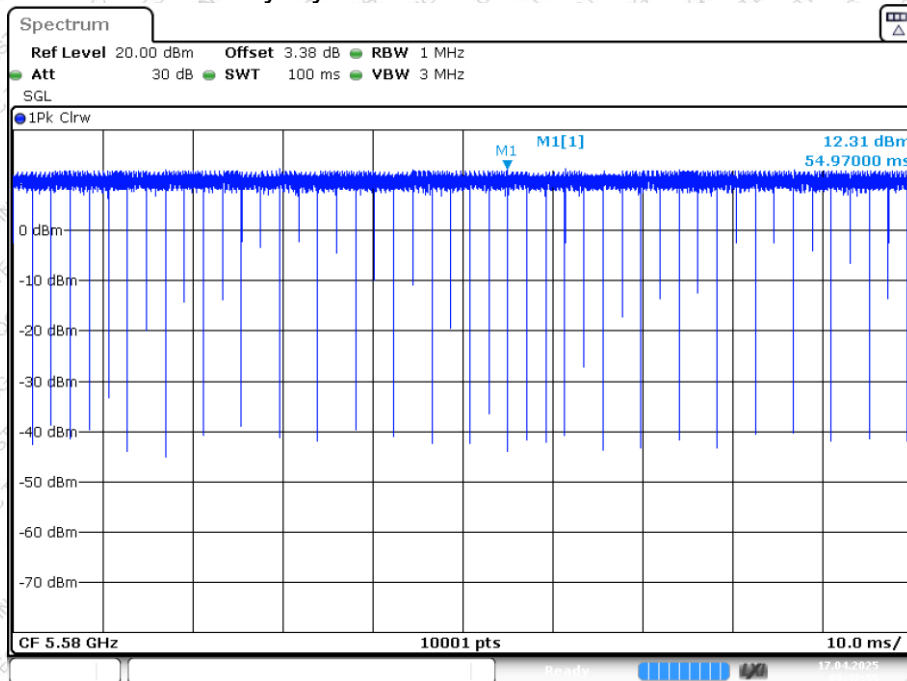


Duty Cycle NVNT a 5500MHz Ant1



Date: 16.APR.2025 17:58:56

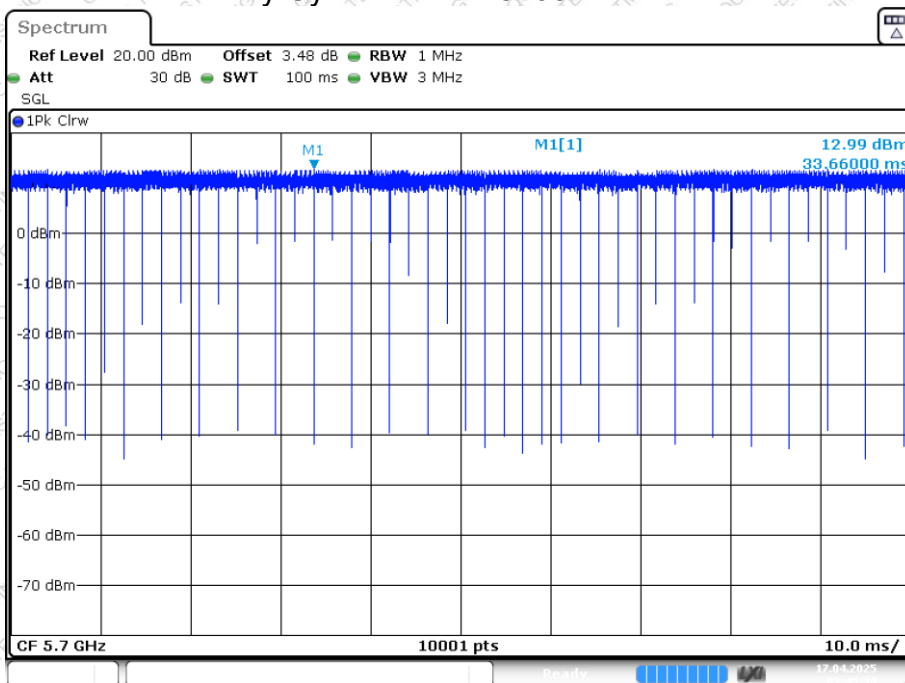
Duty Cycle NVNT a 5580MHz Ant1



Date: 17.APR.2025 09:42:55

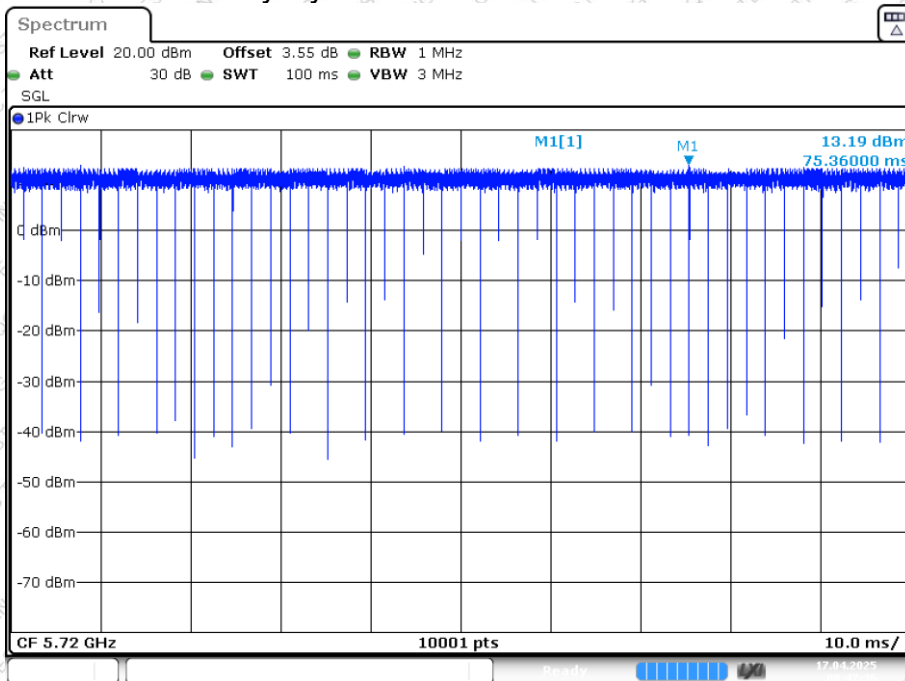


Duty Cycle NVNT a 5700MHz Ant1



Date: 17. APR 2025 09:45:34

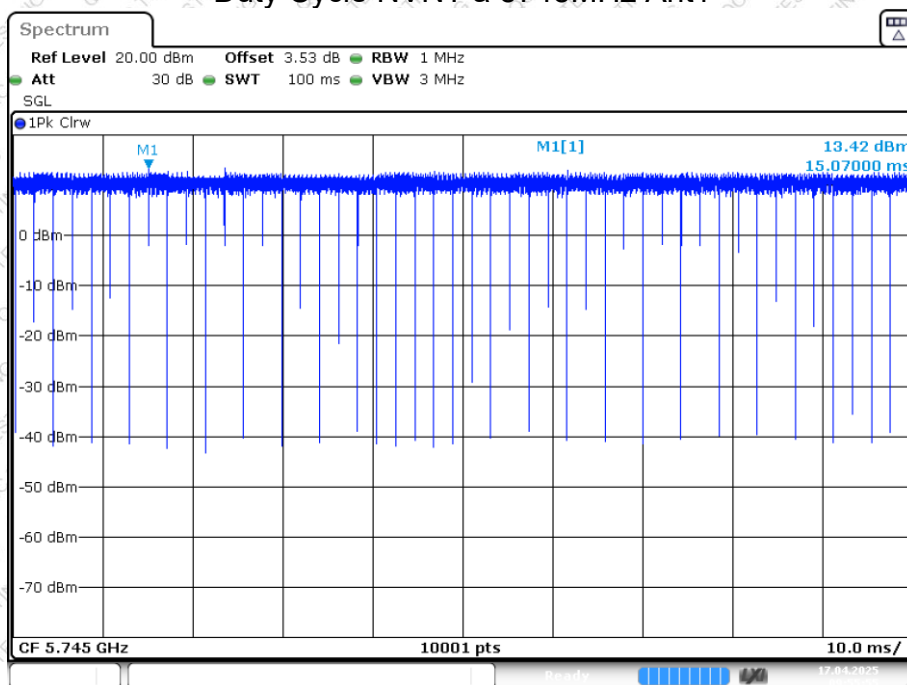
Duty Cycle NVNT a 5720MHz Ant1



Date: 17. APR 2025 09:47:36

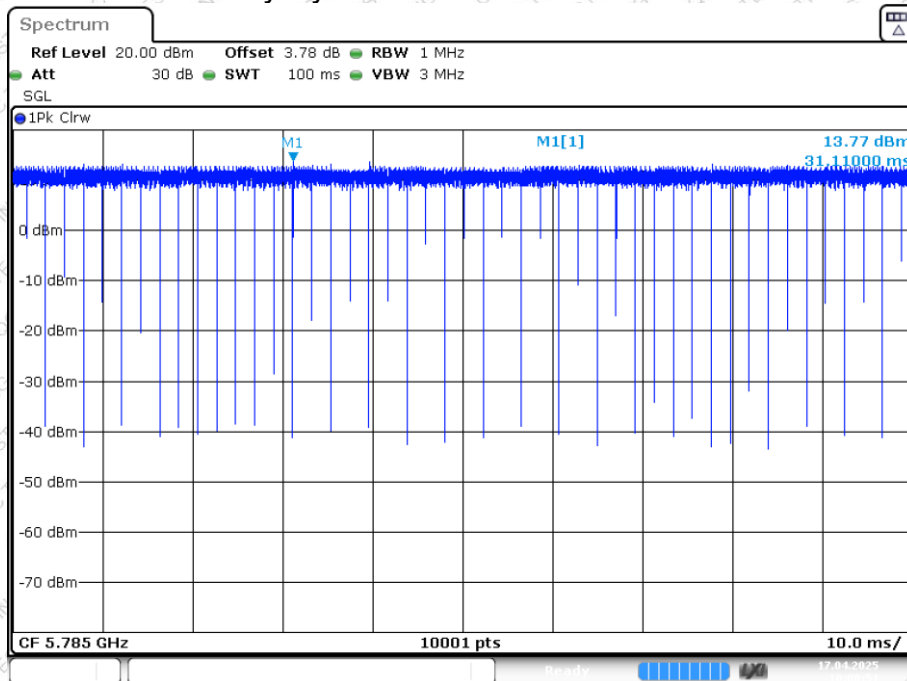


Duty Cycle NVNT a 5745MHz Ant1



Date: 17. APR 2025 09:55:55

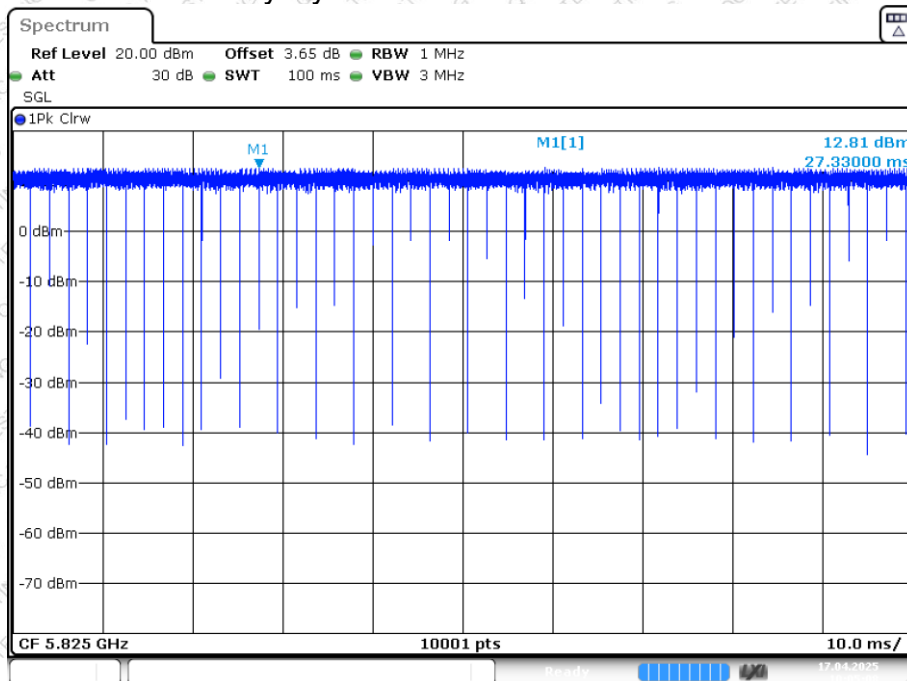
Duty Cycle NVNT a 5785MHz Ant1



Date: 17. APR 2025 10:00:51

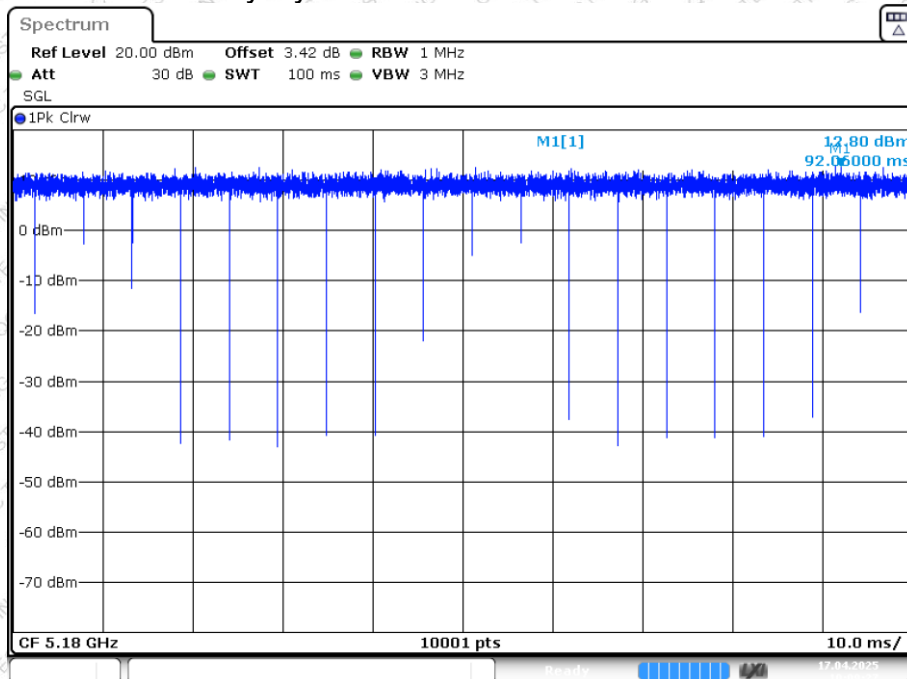


Duty Cycle NVNT a 5825MHz Ant1



Date: 17. APR 2025 10:05:08

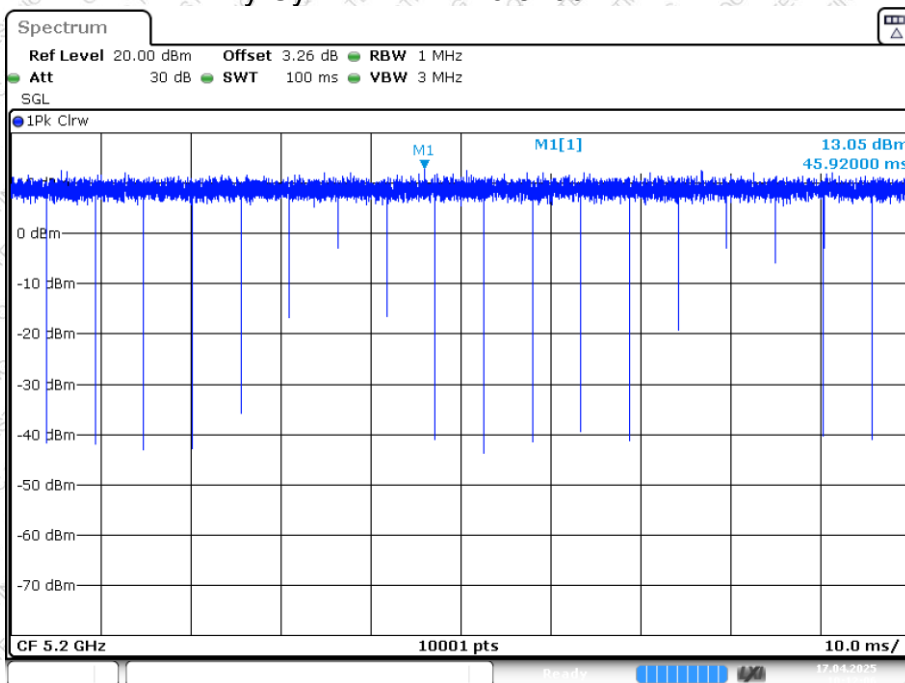
Duty Cycle NVNT n20 5180MHz Ant1



Date: 17. APR 2025 10:09:27

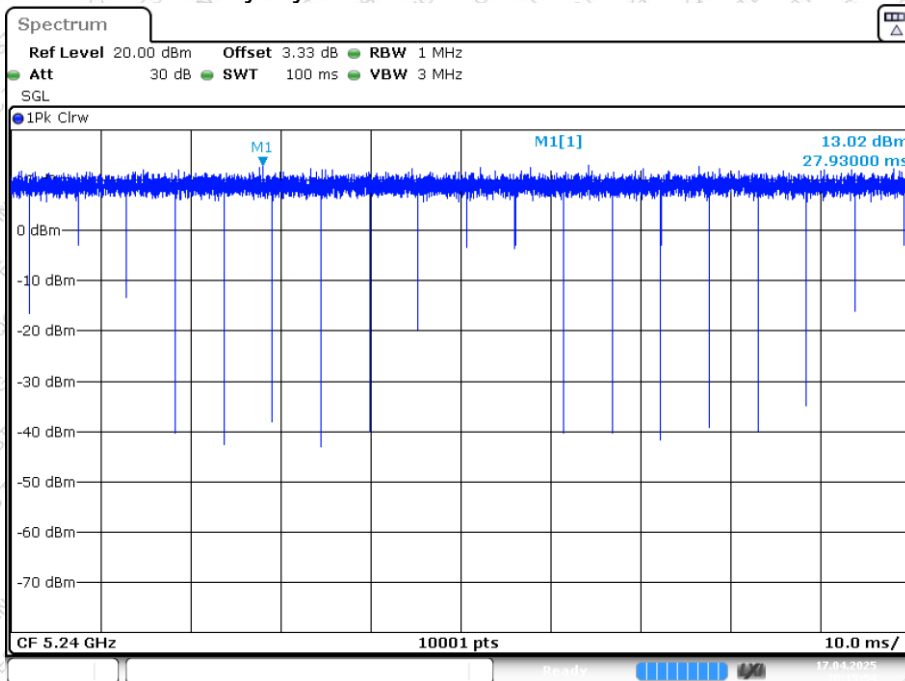


Duty Cycle NVNT n20 5200MHz Ant1



Date: 17. APR 2025 10:12:06

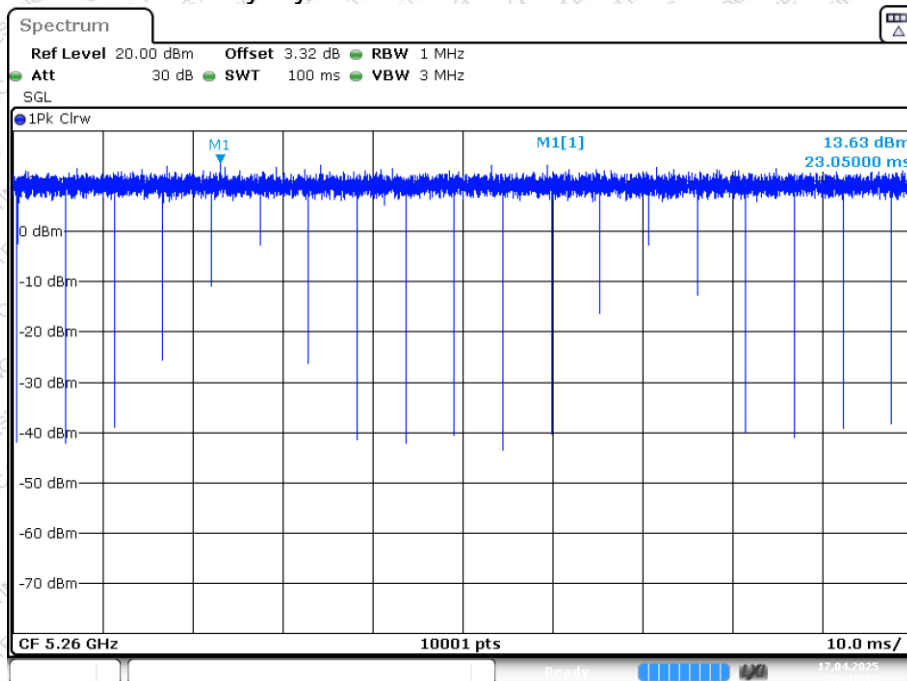
Duty Cycle NVNT n20 5240MHz Ant1



Date: 17. APR 2025 10:15:55

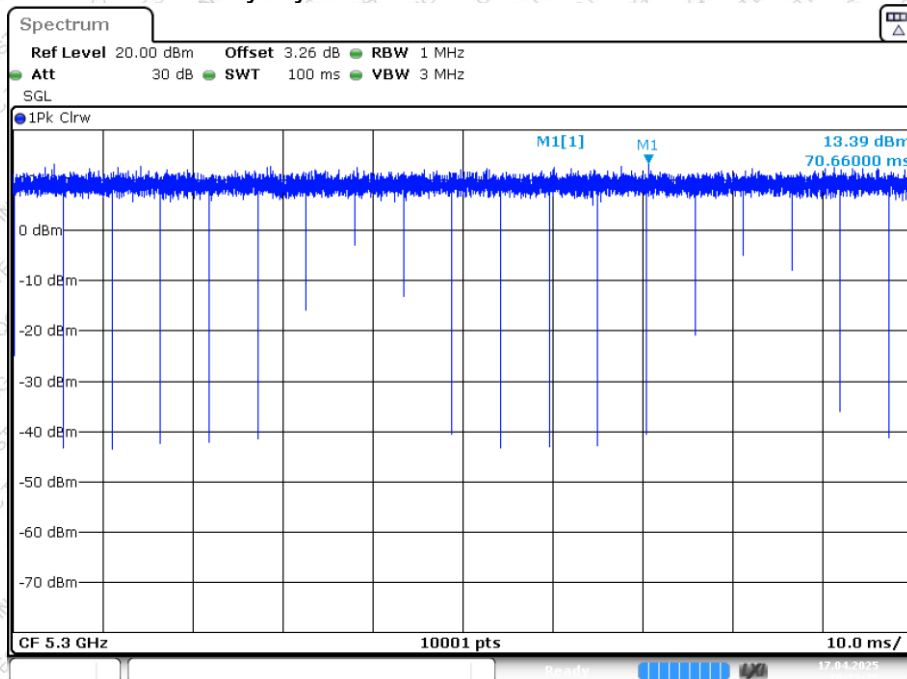


Duty Cycle NVNT n20 5260MHz Ant1



Date: 17. APR 2025 10:19:11

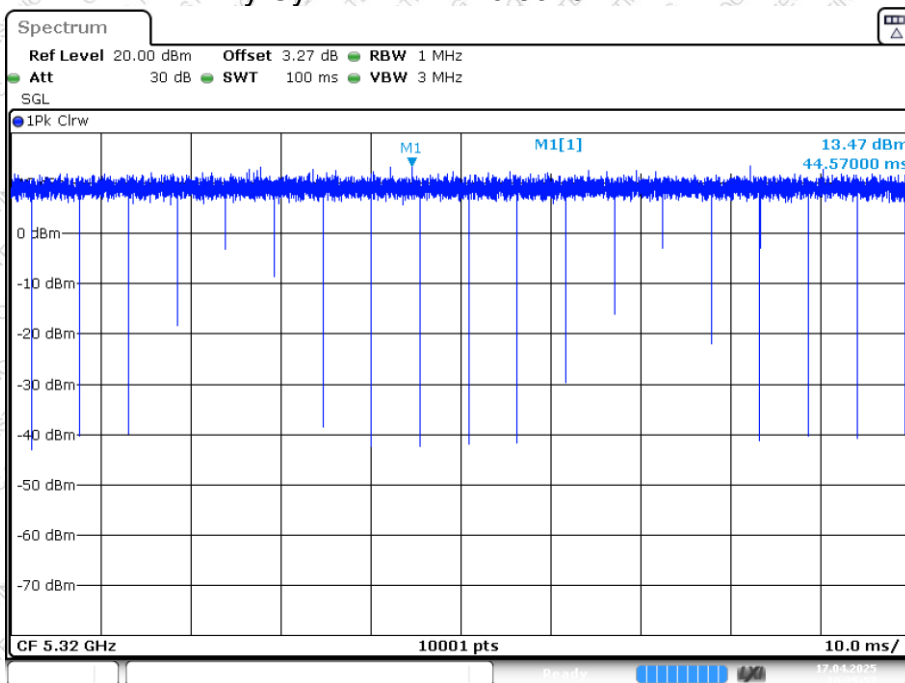
Duty Cycle NVNT n20 5300MHz Ant1



Date: 17. APR 2025 10:22:25

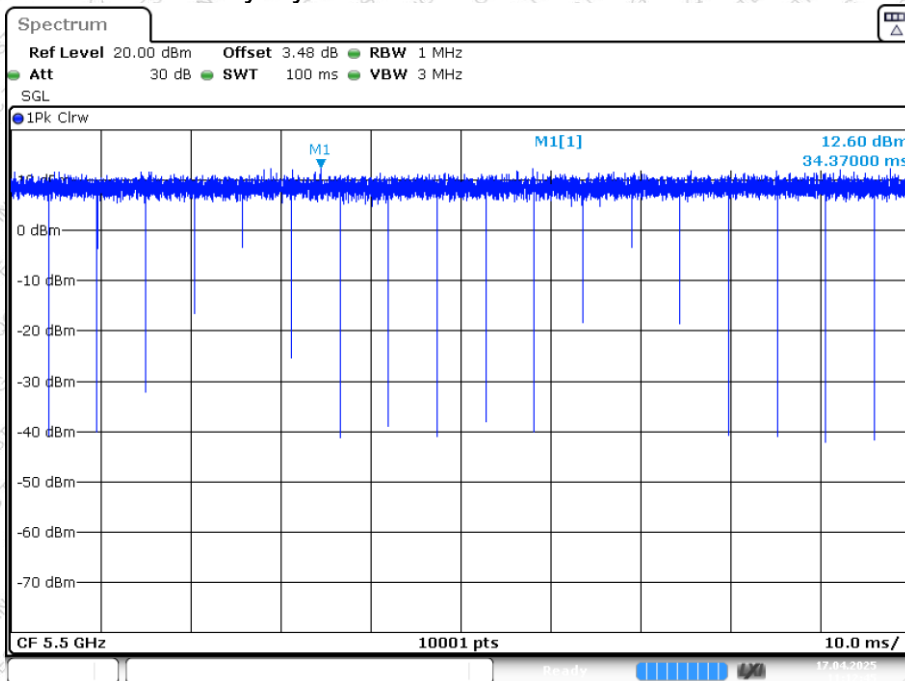


Duty Cycle NVNT n20 5320MHz Ant1



Date: 17. APR 2025 10:25:57

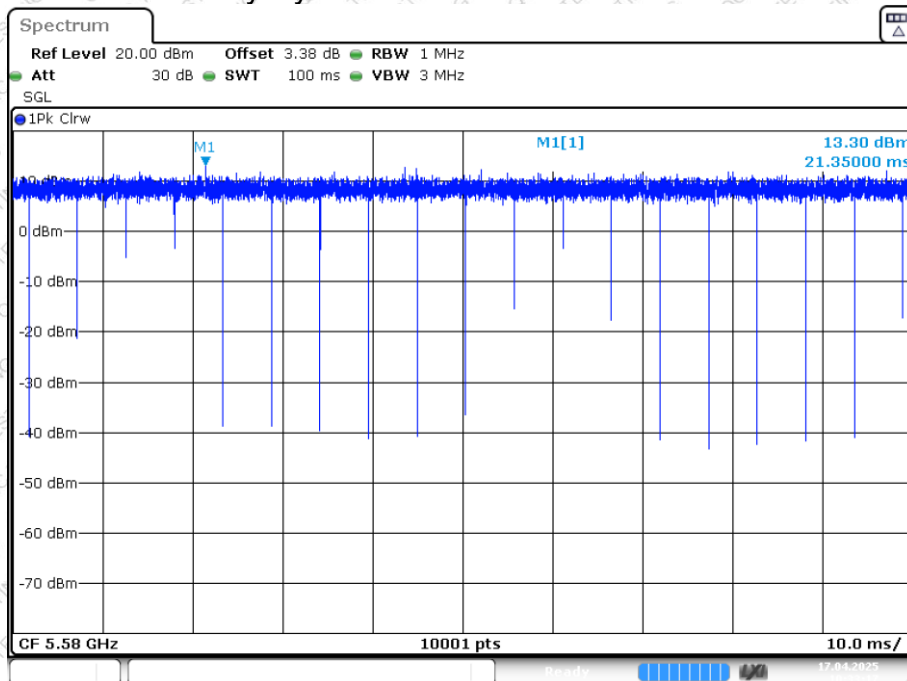
Duty Cycle NVNT n20 5500MHz Ant1



Date: 17. APR 2025 11:12:46

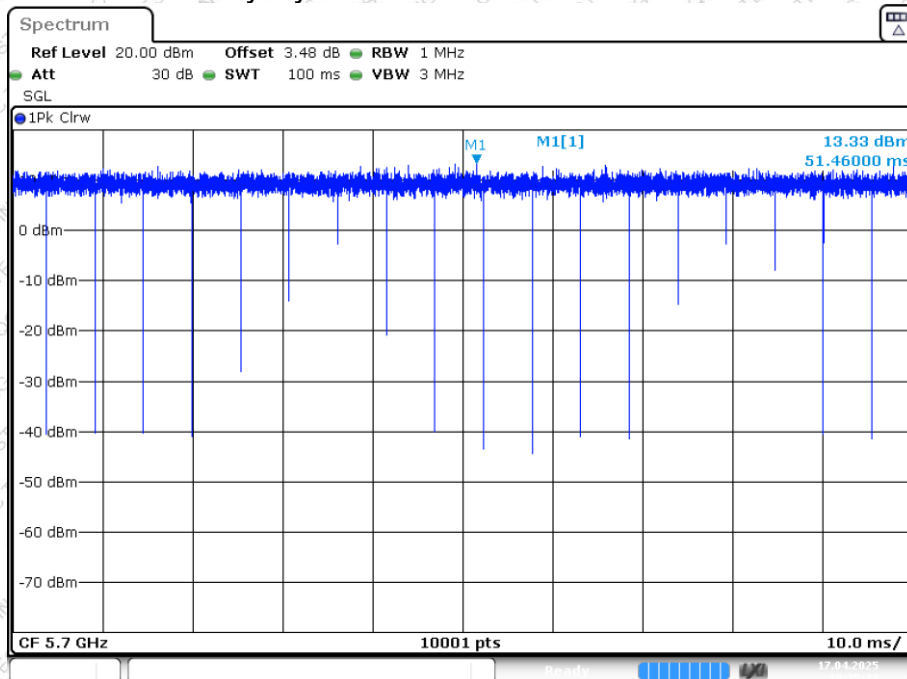


Duty Cycle NVNT n20 5580MHz Ant1



Date: 17. APR 2025 10:33:17

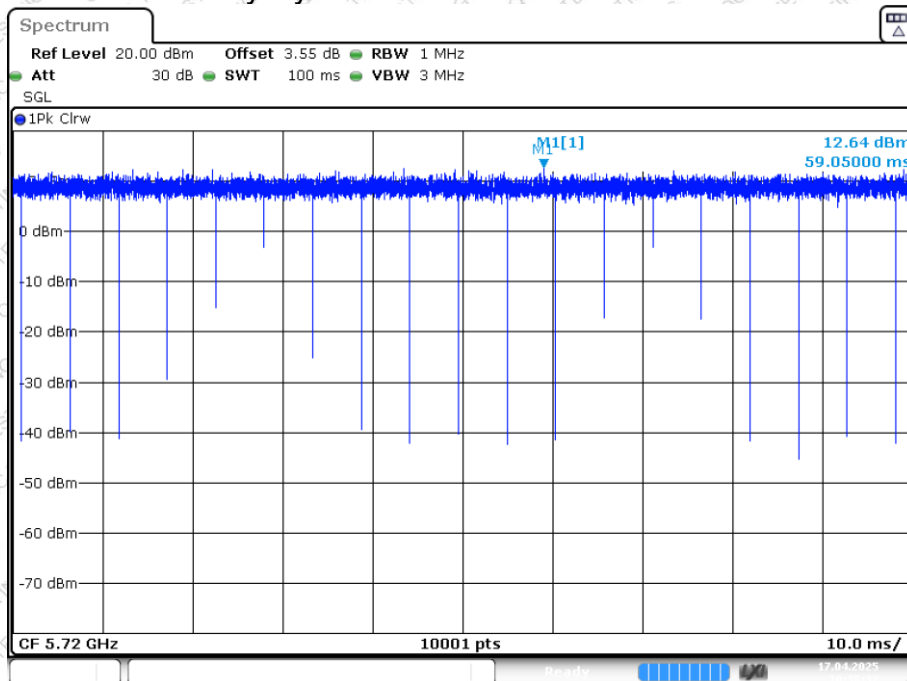
Duty Cycle NVNT n20 5700MHz Ant1



Date: 17. APR 2025 10:35:23

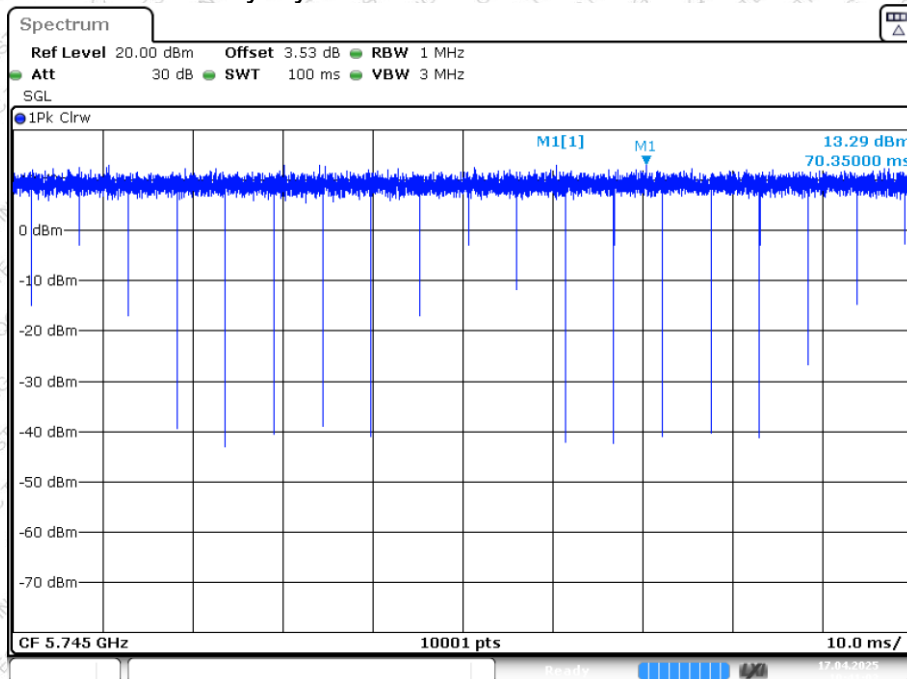


Duty Cycle NVNT n20 5720MHz Ant1



Date: 17. APR 2025 10:38:32

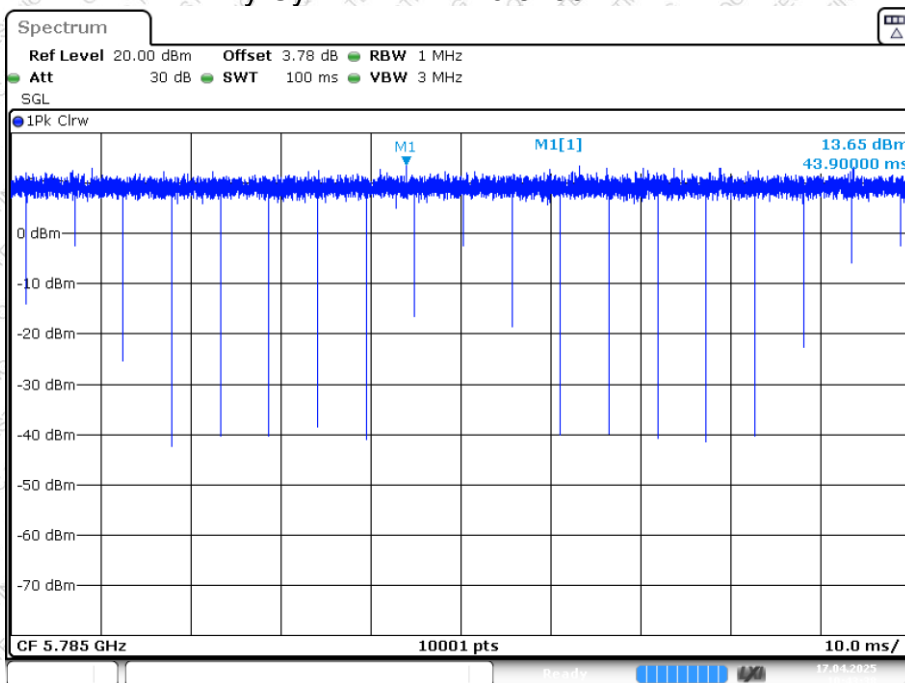
Duty Cycle NVNT n20 5745MHz Ant1



Date: 17. APR 2025 10:41:03

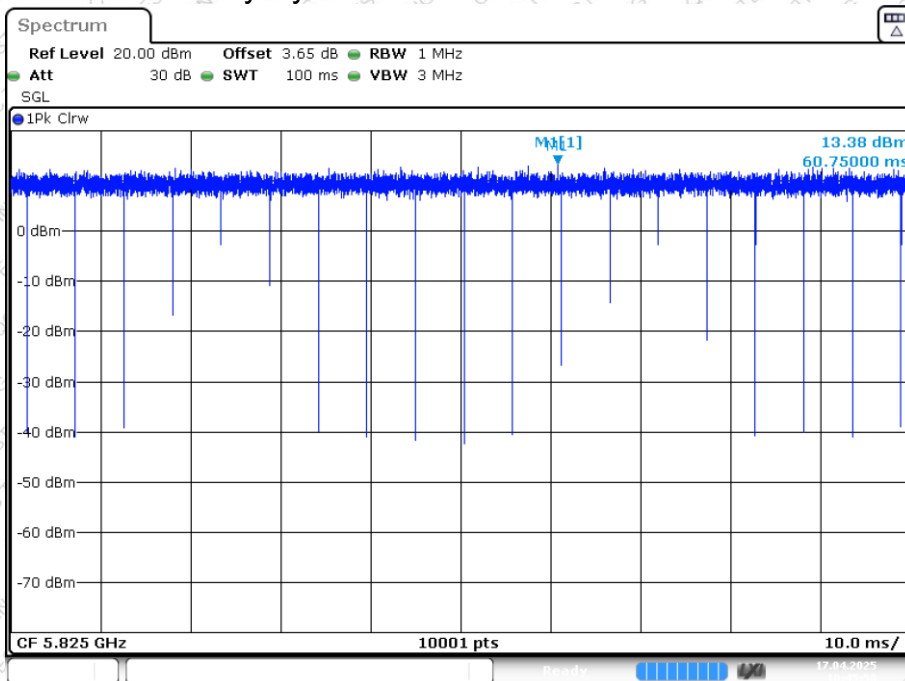


Duty Cycle NVNT n20 5785MHz Ant1



Date: 17. APR 2025 10:43:39

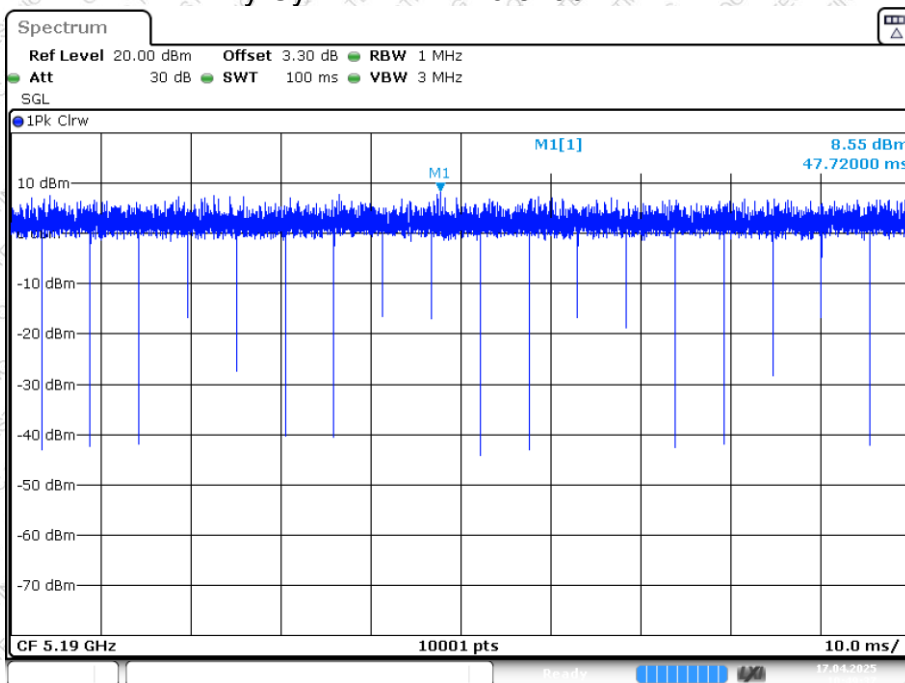
Duty Cycle NVNT n20 5825MHz Ant1



Date: 17. APR 2025 10:45:59

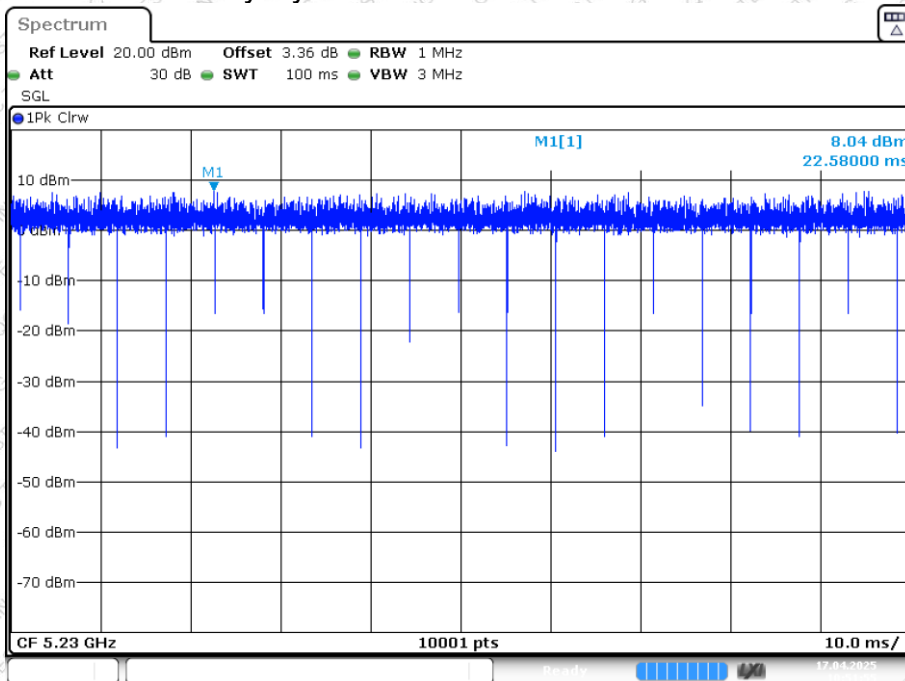


Duty Cycle NVNT n40 5190MHz Ant1



Date: 17. APR 2025 10:49:38

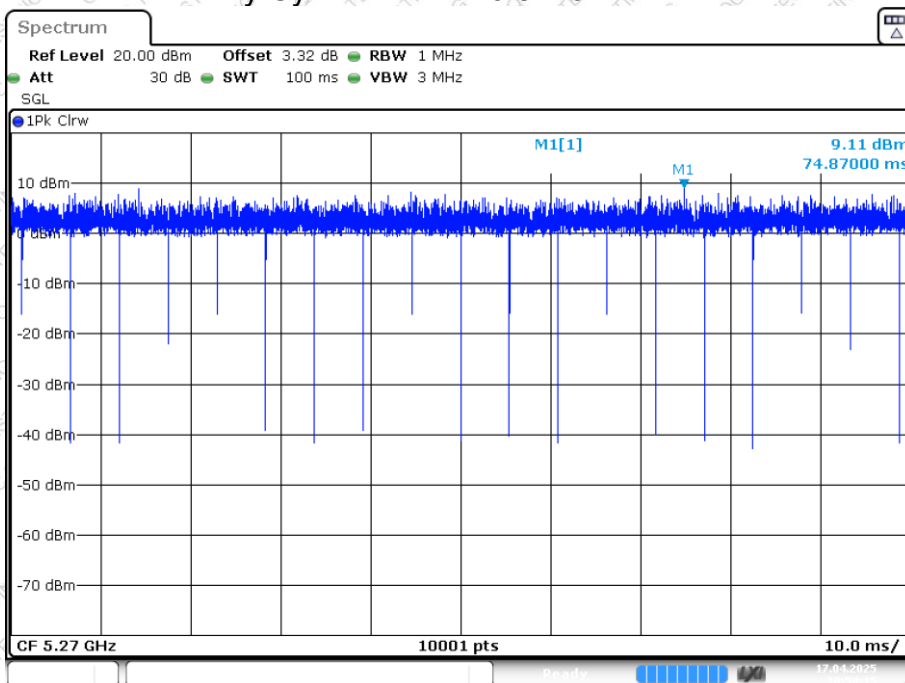
Duty Cycle NVNT n40 5230MHz Ant1



Date: 17. APR 2025 10:51:56

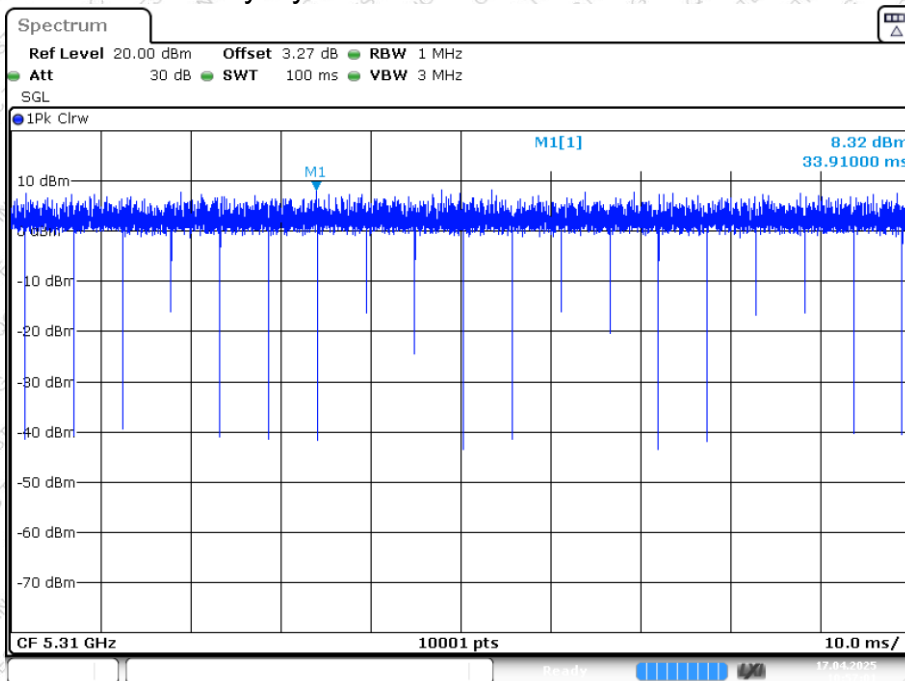


Duty Cycle NVNT n40 5270MHz Ant1



Date: 17. APR 2025 10:54:15

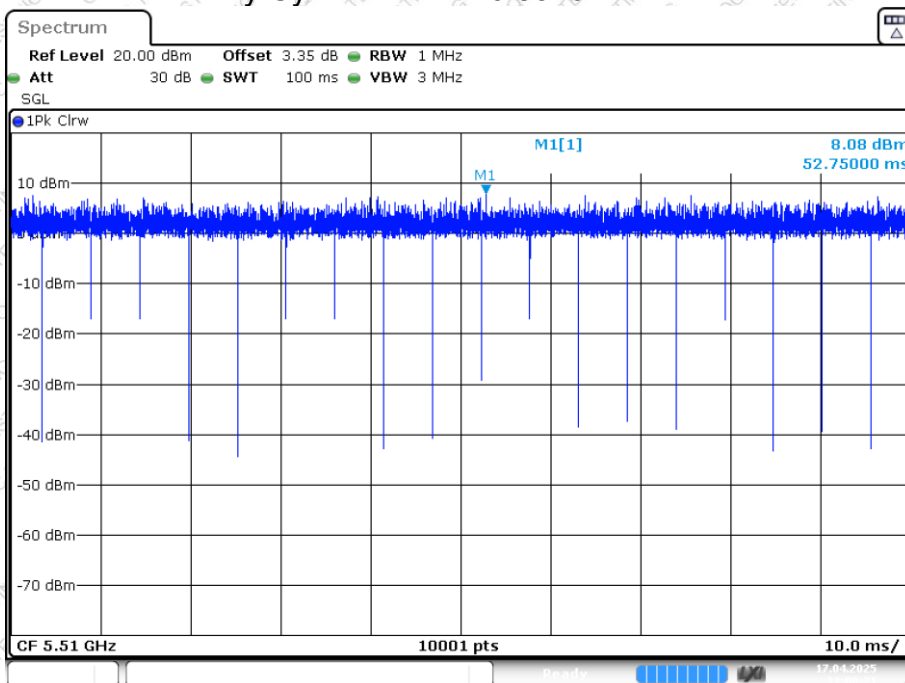
Duty Cycle NVNT n40 5310MHz Ant1



Date: 17. APR 2025 10:57:02

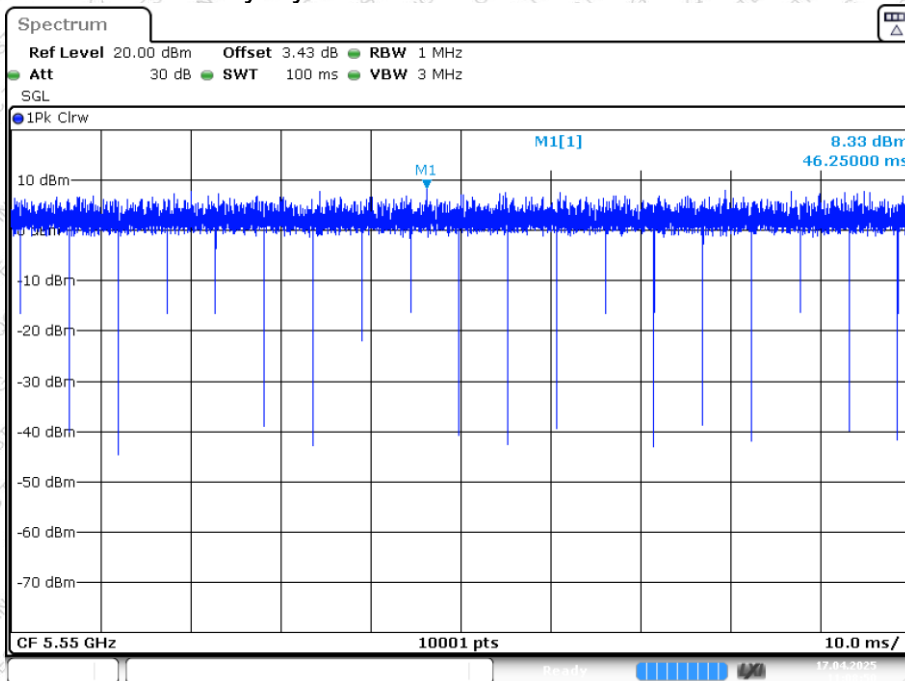


Duty Cycle NVNT n40 5510MHz Ant1



Date: 17. APR 2025 11:00:22

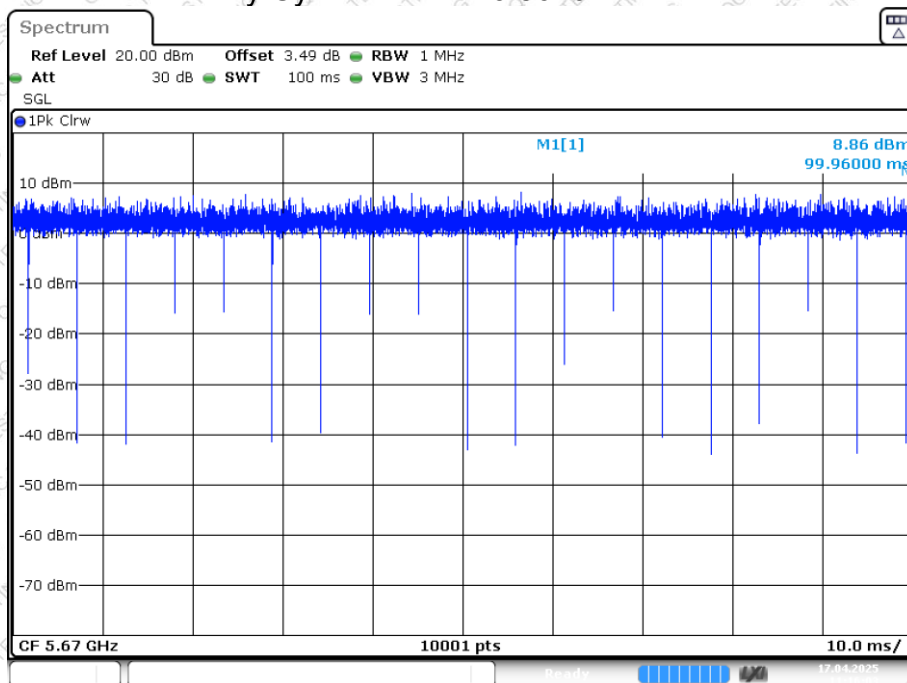
Duty Cycle NVNT n40 5550MHz Ant1



Date: 17. APR 2025 11:08:50

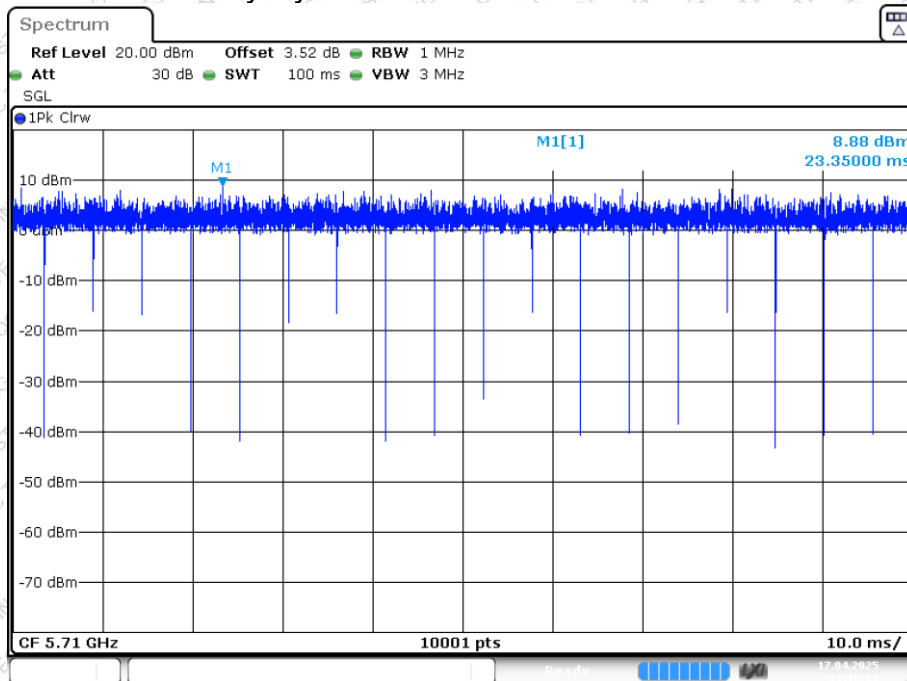


Duty Cycle NVNT n40 5670MHz Ant1



Date: 17. APR 2025 11:16:03

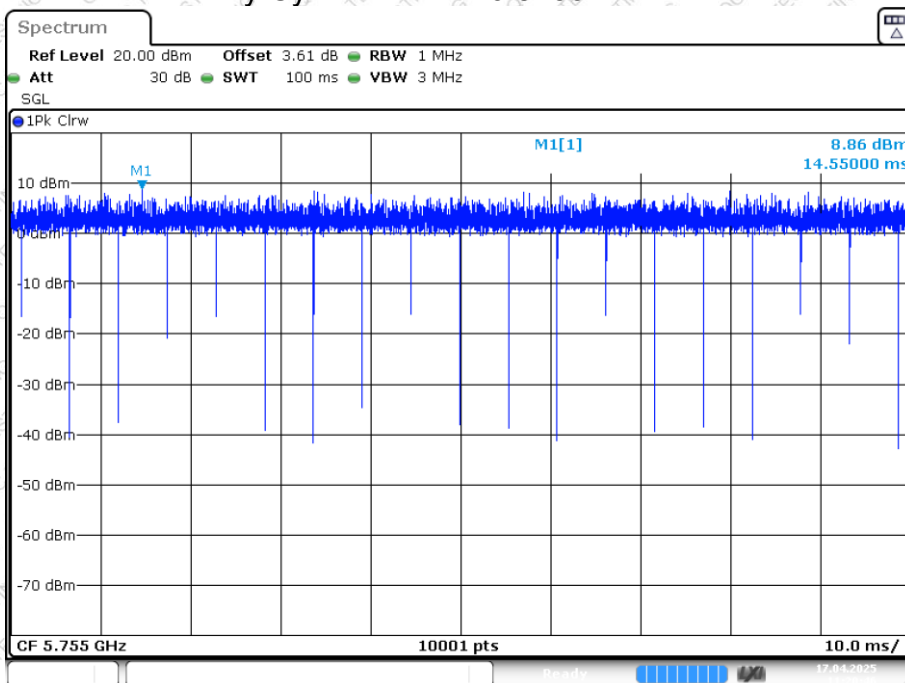
Duty Cycle NVNT n40 5710MHz Ant1



Date: 17. APR 2025 11:18:11

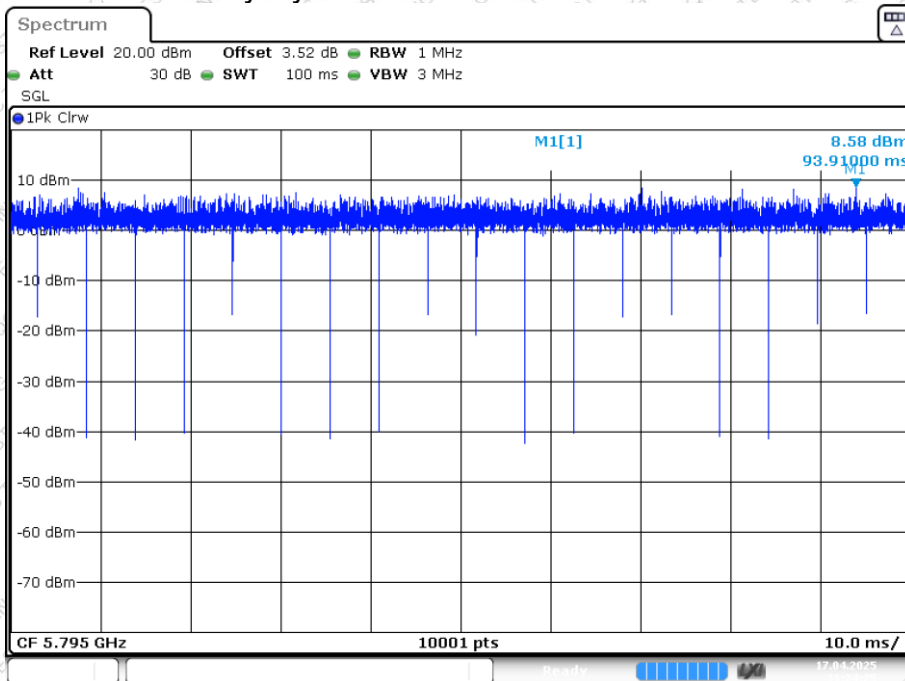


Duty Cycle NVNT n40 5755MHz Ant1



Date: 17. APR 2025 11:20:46

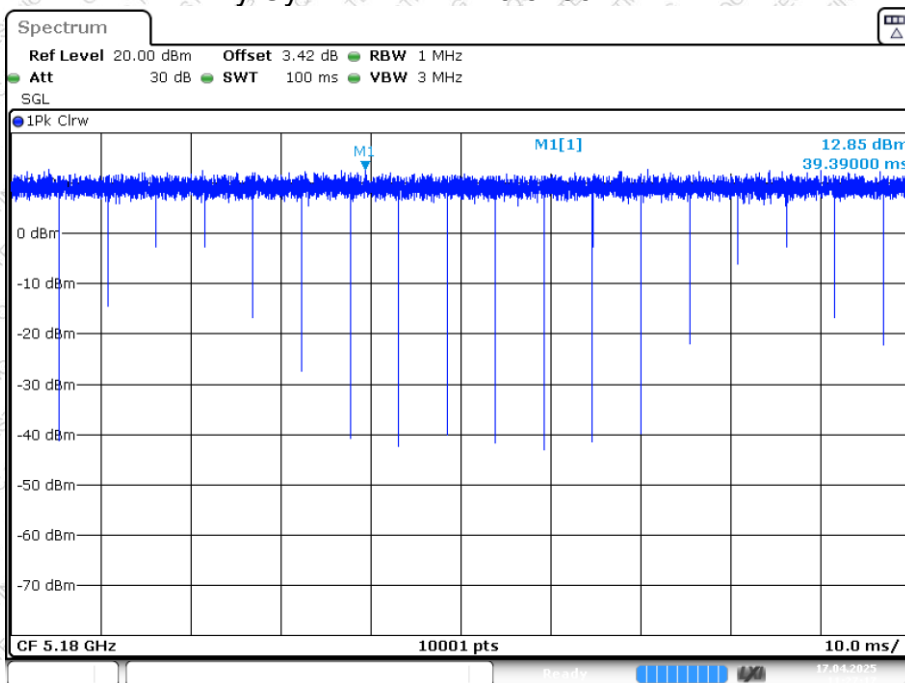
Duty Cycle NVNT n40 5795MHz Ant1



Date: 17. APR 2025 11:24:25

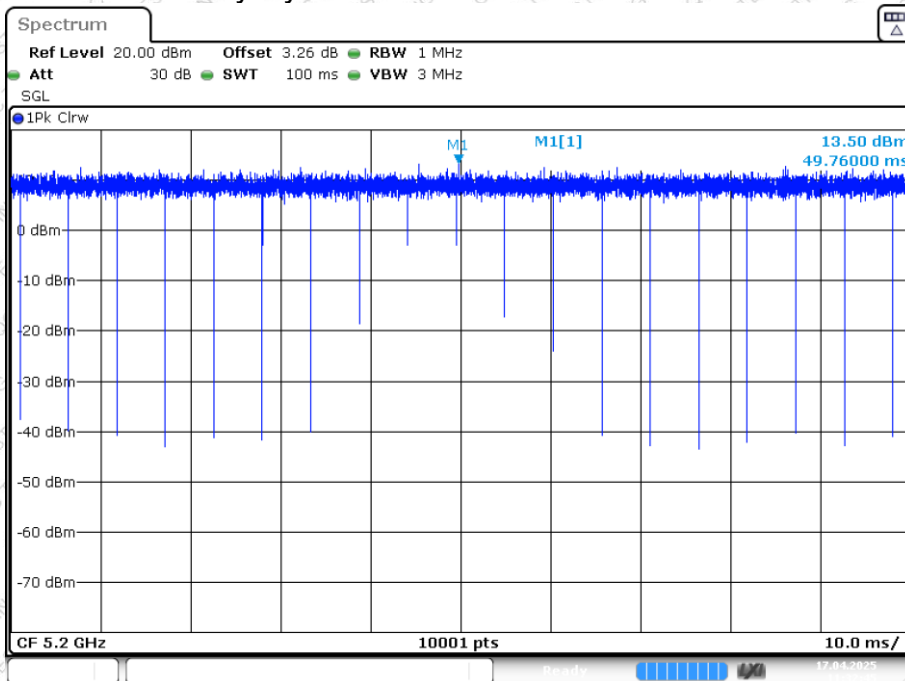


Duty Cycle NVNT ac20 5180MHz Ant1



Date: 17. APR 2025 11:27:18

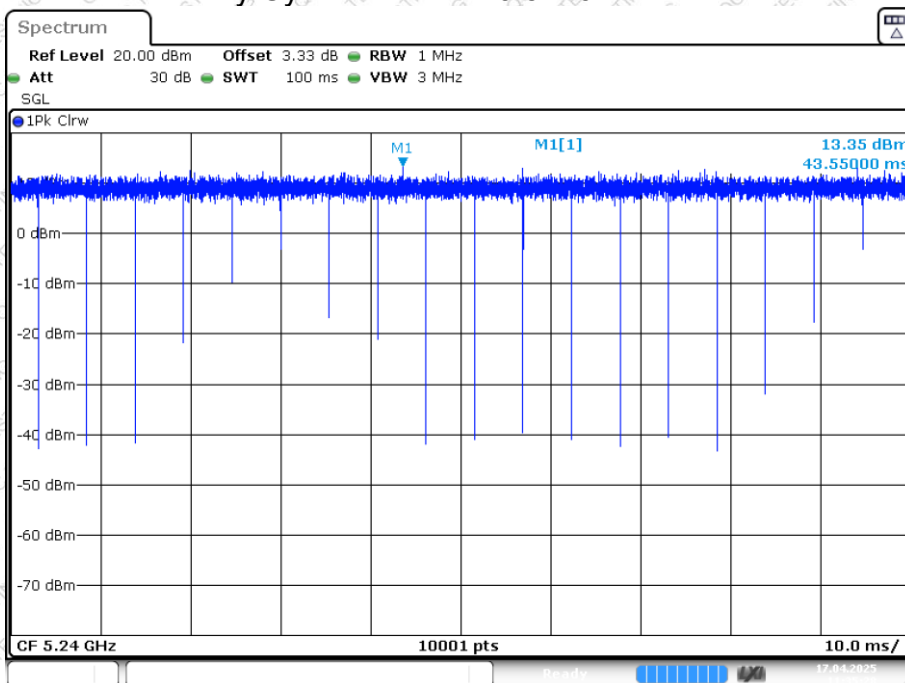
Duty Cycle NVNT ac20 5200MHz Ant1



Date: 17. APR 2025 11:32:45

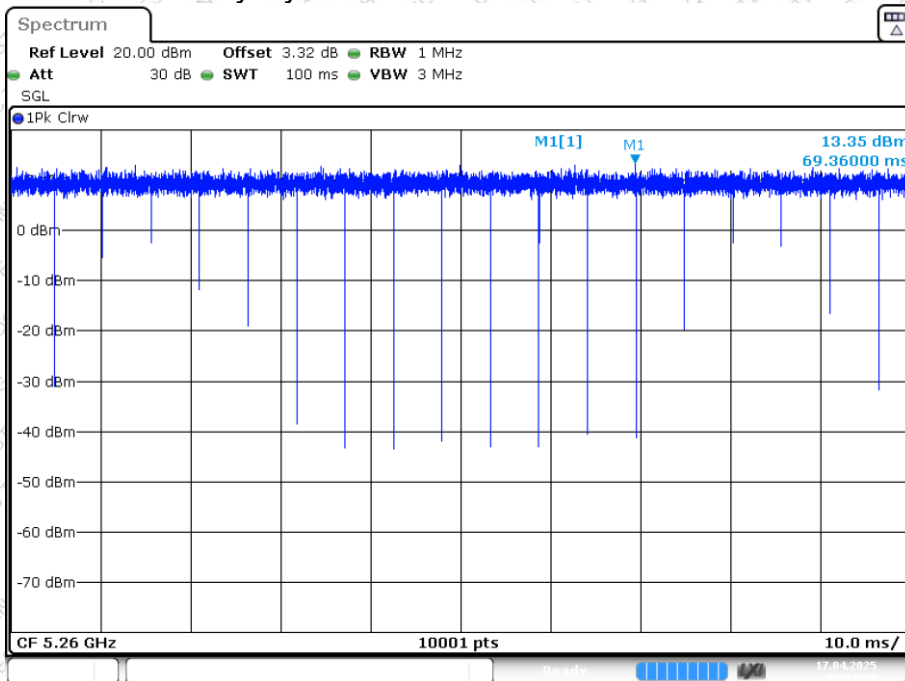


Duty Cycle NVNT ac20 5240MHz Ant1



Date: 17. APR 2025 11:35:29

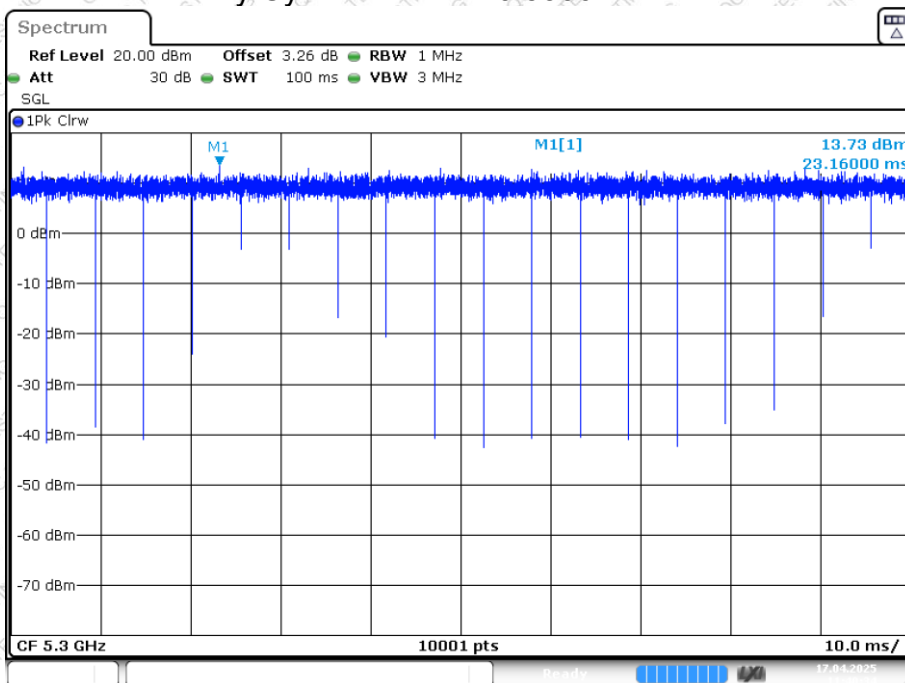
Duty Cycle NVNT ac20 5260MHz Ant1



Date: 17. APR 2025 11:37:57

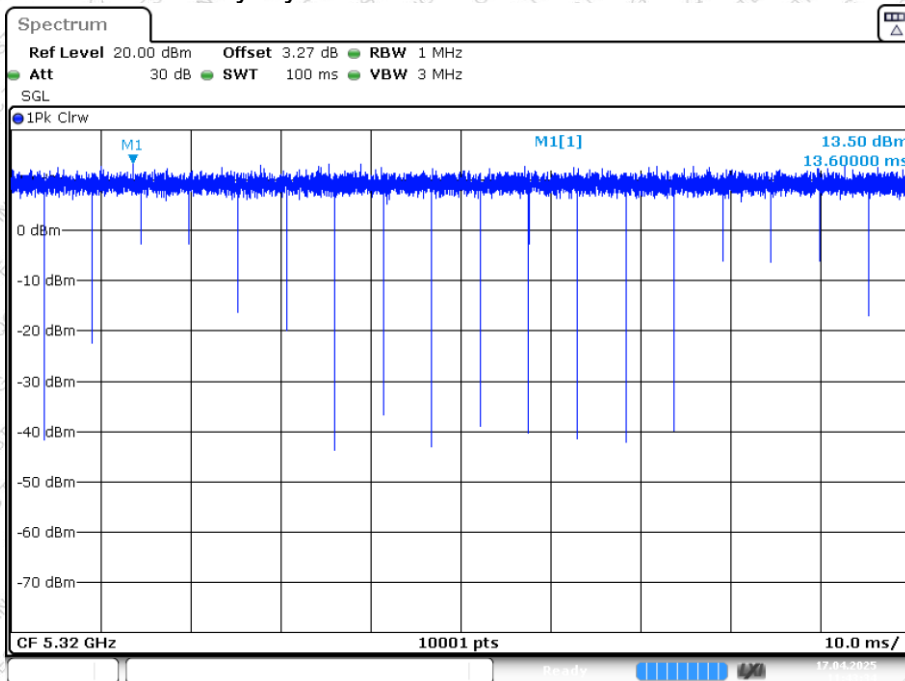


Duty Cycle NVNT ac20 5300MHz Ant1



Date: 17. APR 2025 11:40:35

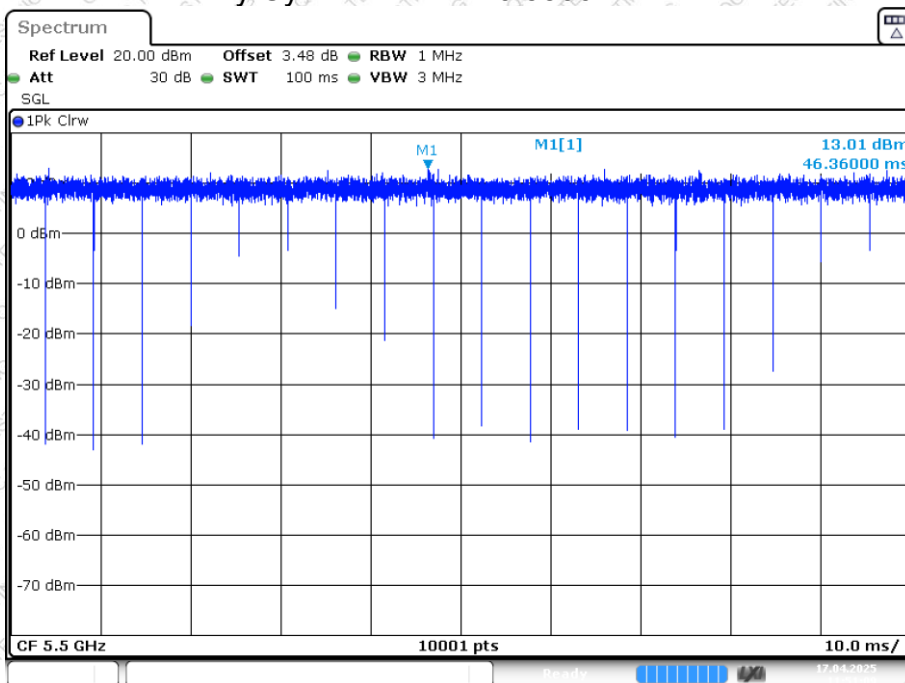
Duty Cycle NVNT ac20 5320MHz Ant1



Date: 17. APR 2025 11:43:34

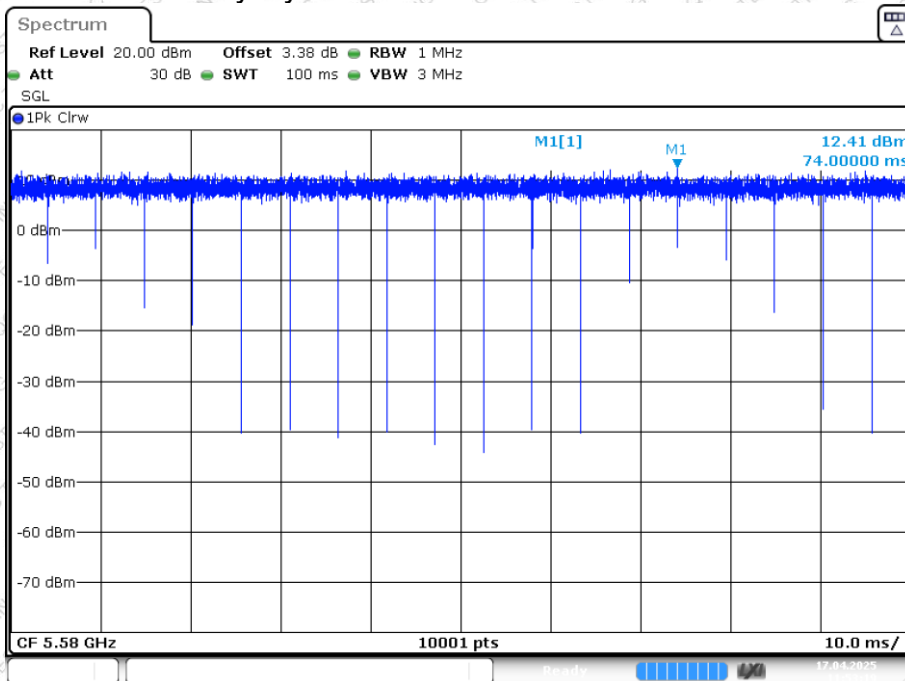


Duty Cycle NVNT ac20 5500MHz Ant1



Date: 17. APR 2025 11:51:09

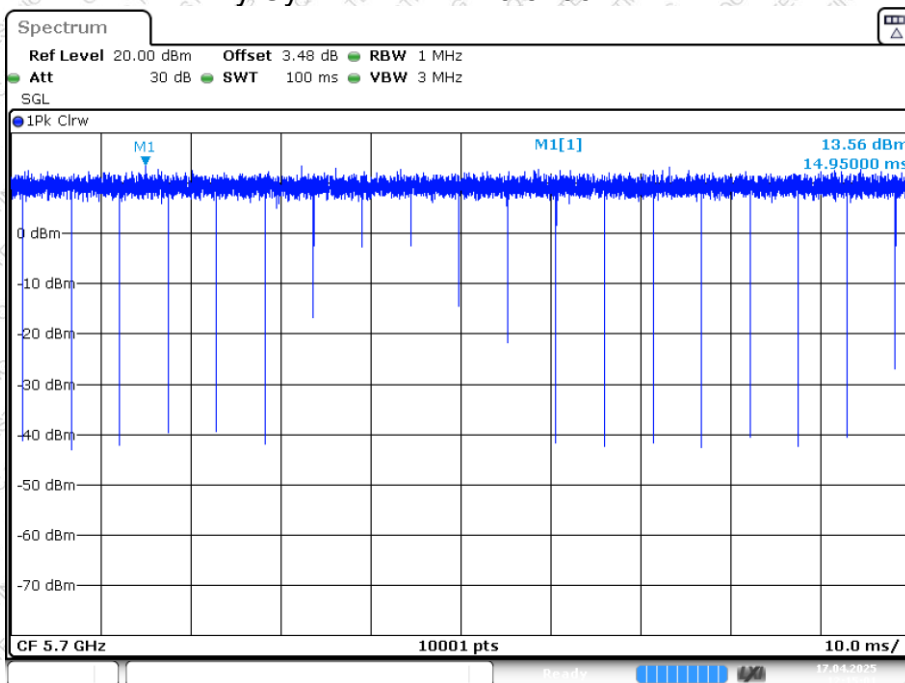
Duty Cycle NVNT ac20 5580MHz Ant1



Date: 17. APR 2025 11:53:20

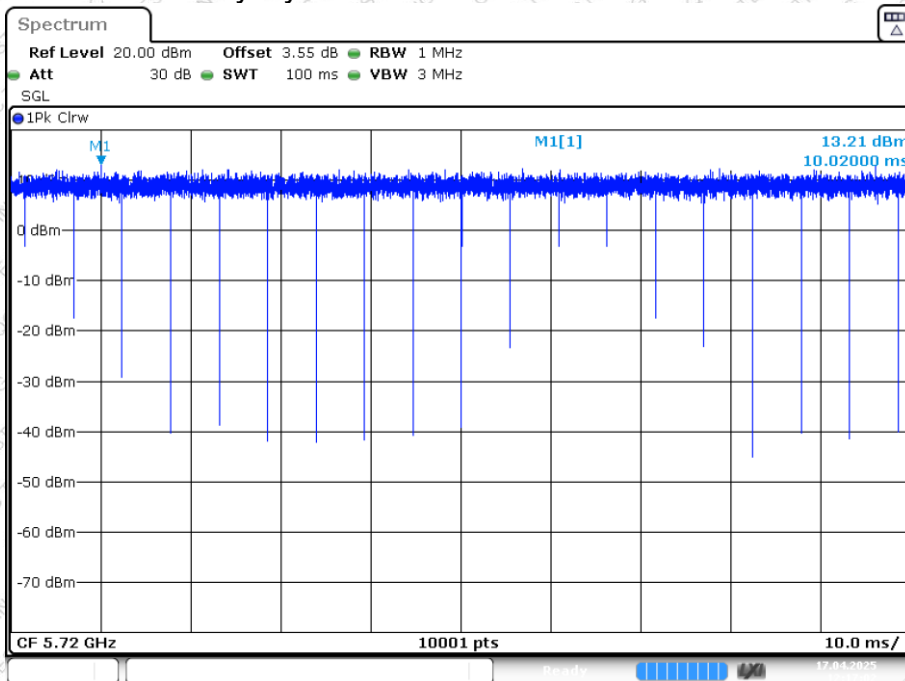


Duty Cycle NVNT ac20 5700MHz Ant1



Date: 17. APR 2025 12:15:01

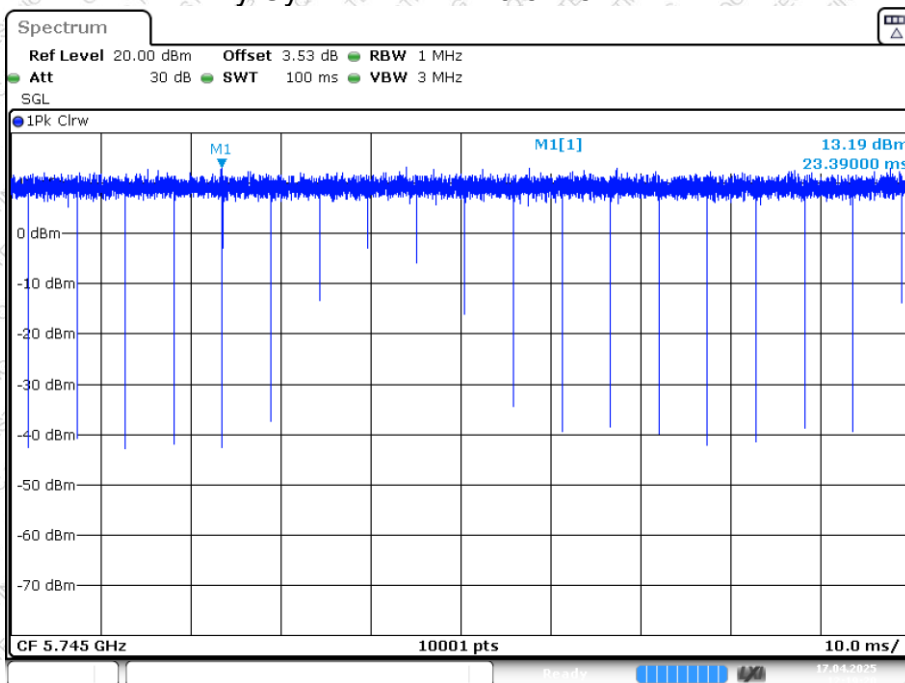
Duty Cycle NVNT ac20 5720MHz Ant1



Date: 17. APR 2025 12:17:03

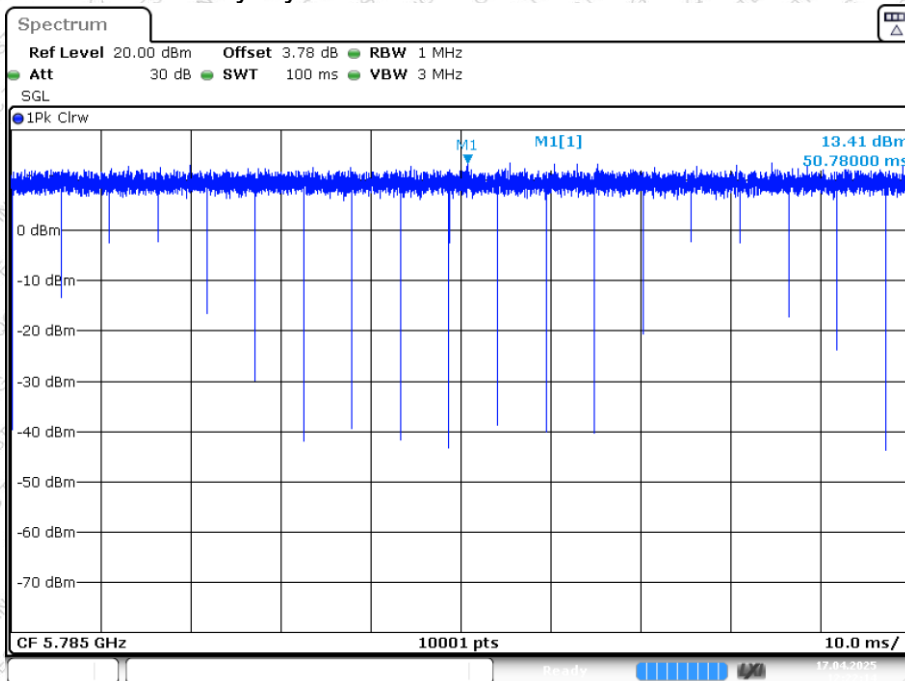


Duty Cycle NVNT ac20 5745MHz Ant1



Date: 17. APR 2025 12:19:20

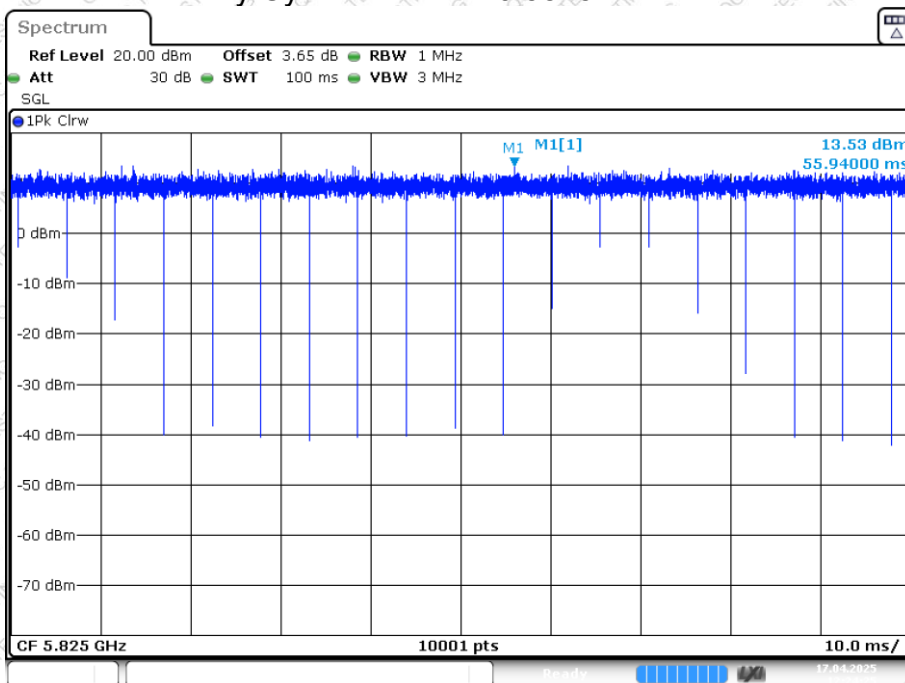
Duty Cycle NVNT ac20 5785MHz Ant1



Date: 17. APR 2025 12:22:15

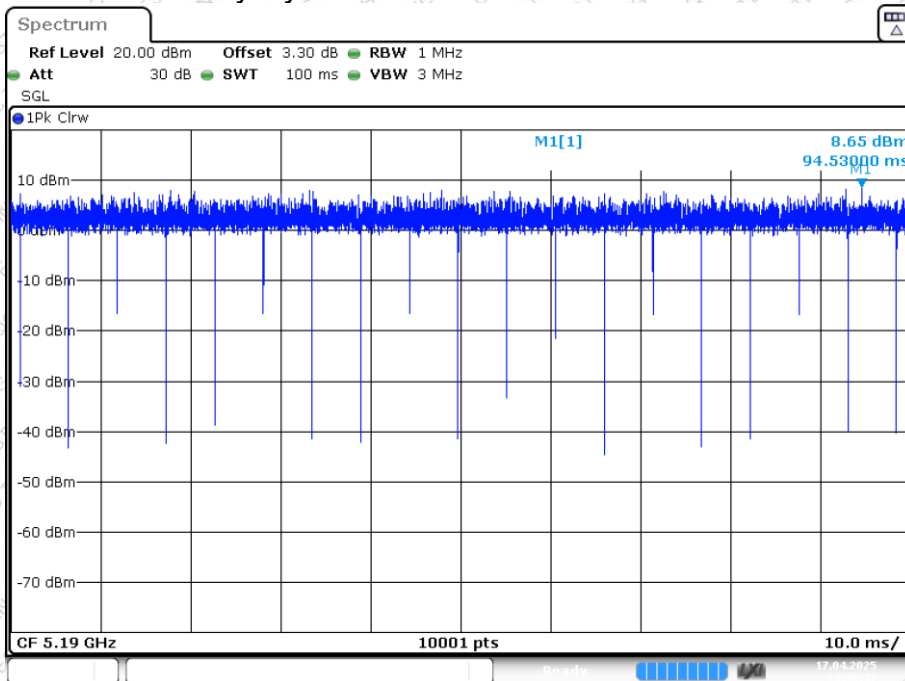


Duty Cycle NVNT ac20 5825MHz Ant1



Date: 17. APR 2025 12:24:25

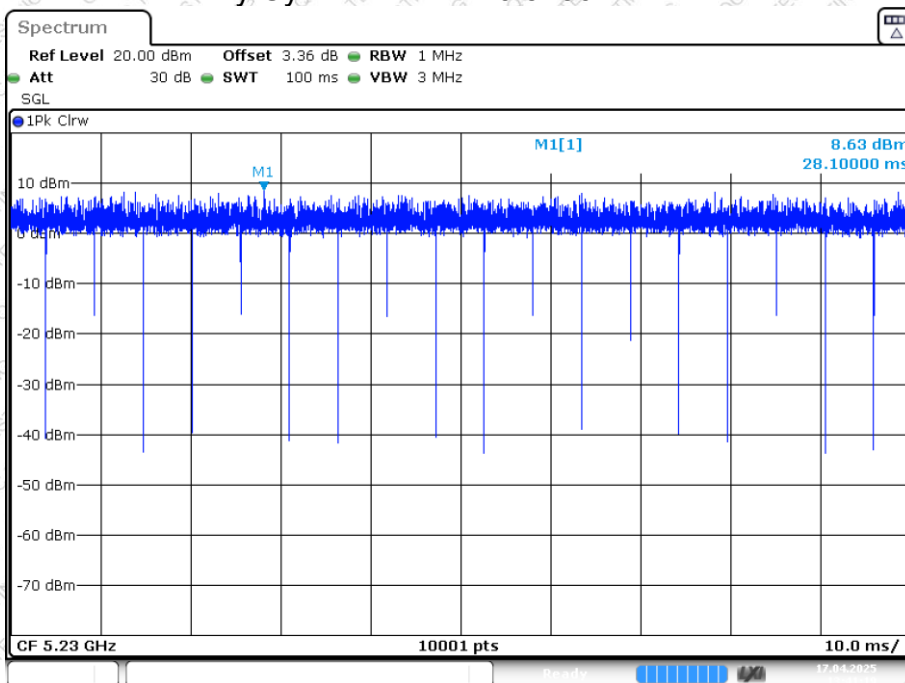
Duty Cycle NVNT ac40 5190MHz Ant1



Date: 17. APR 2025 13:36:47

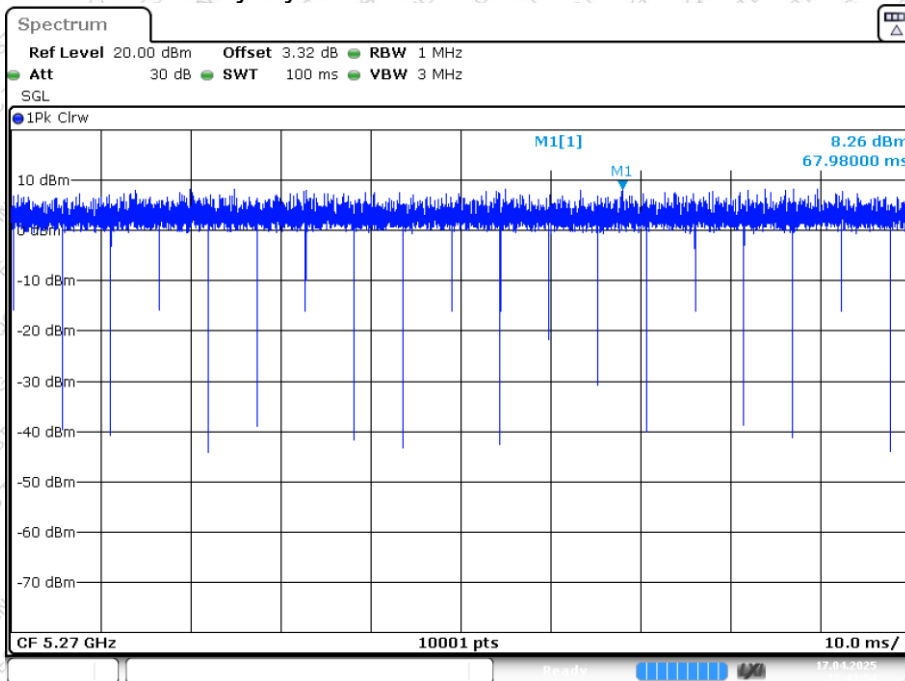


Duty Cycle NVNT ac40 5230MHz Ant1



Date: 17. APR 2025 13:41:19

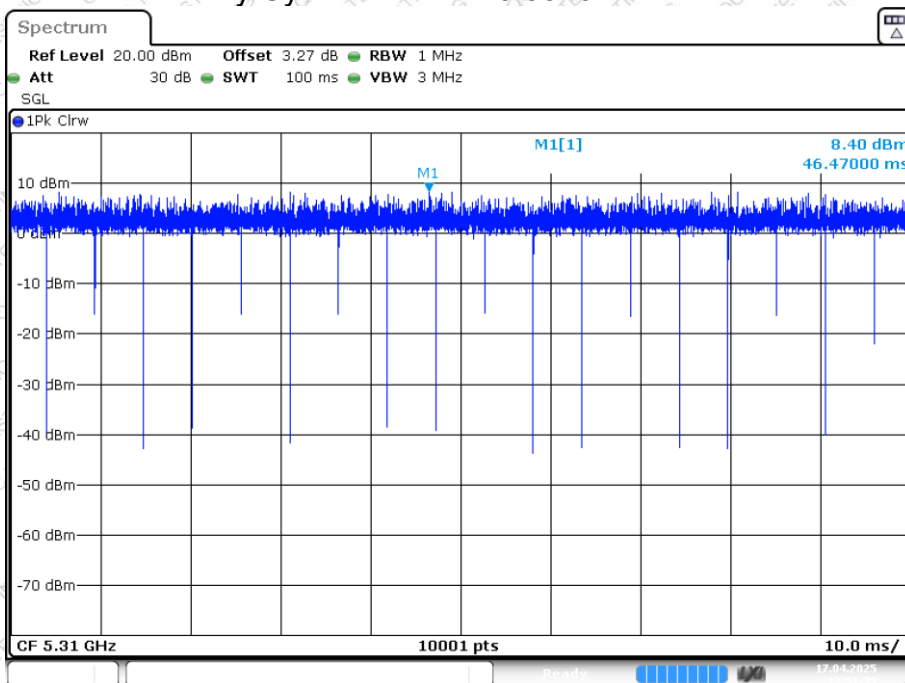
Duty Cycle NVNT ac40 5270MHz Ant1



Date: 17. APR 2025 13:43:54

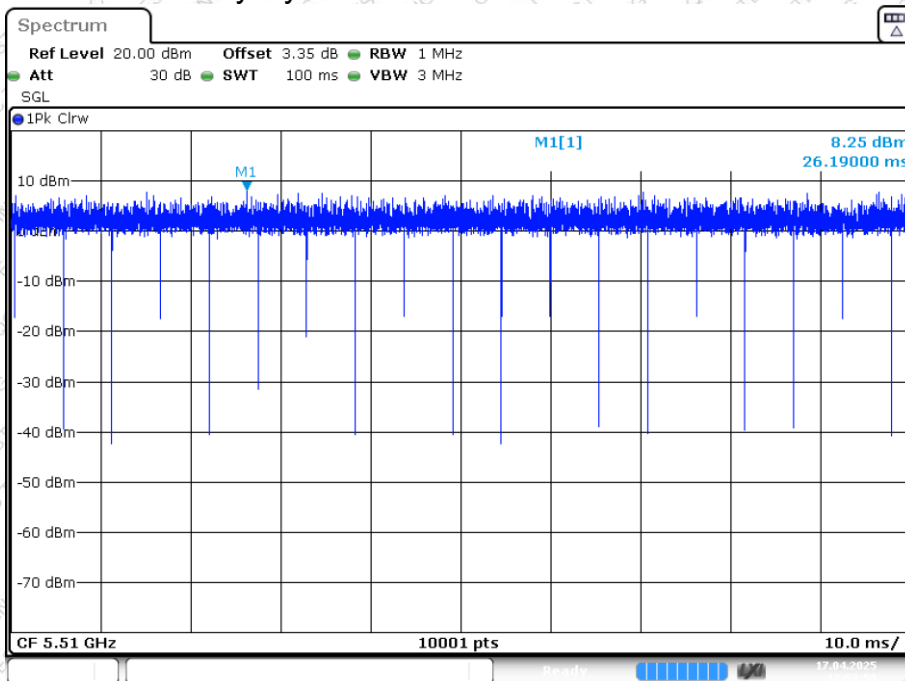


Duty Cycle NVNT ac40 5310MHz Ant1



Date: 17. APR 2025 13:51:34

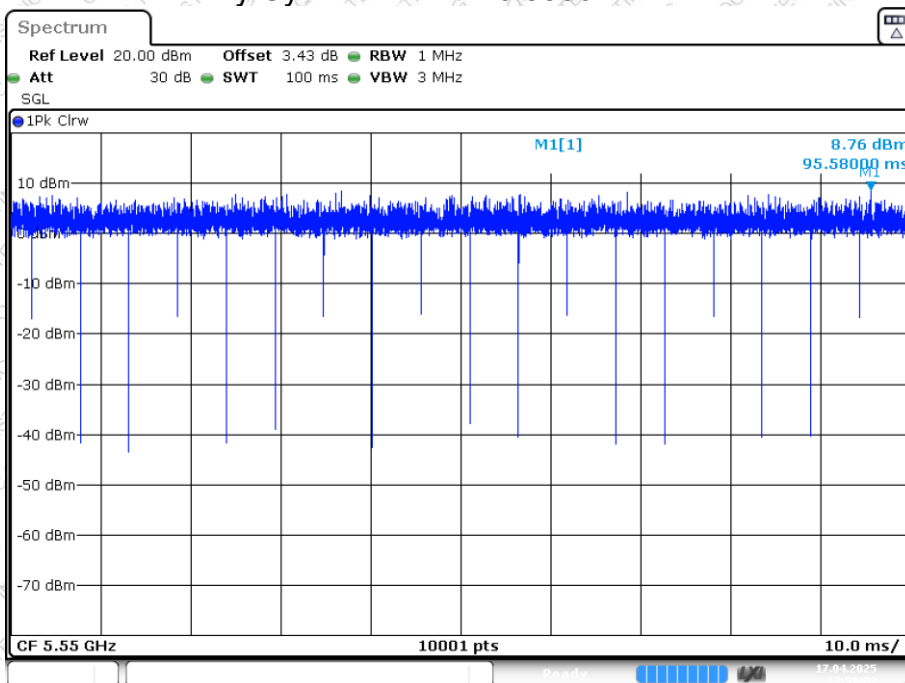
Duty Cycle NVNT ac40 5510MHz Ant1



Date: 17. APR 2025 13:53:59

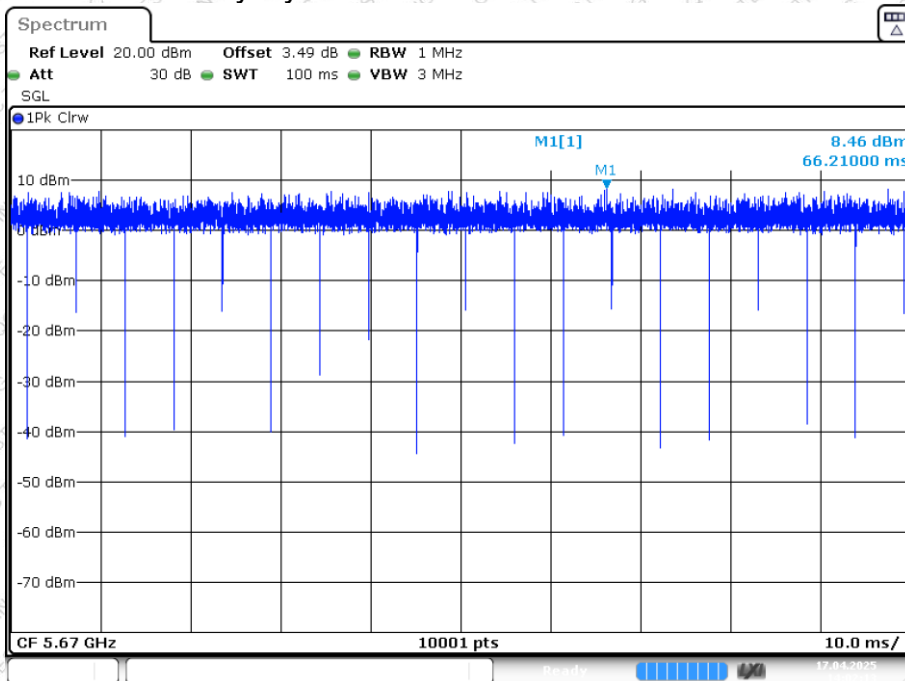


Duty Cycle NVNT ac40 5550MHz Ant1



Date: 17. APR 2025 13:59:03

Duty Cycle NVNT ac40 5670MHz Ant1



Date: 17. APR 2025 14:02:13