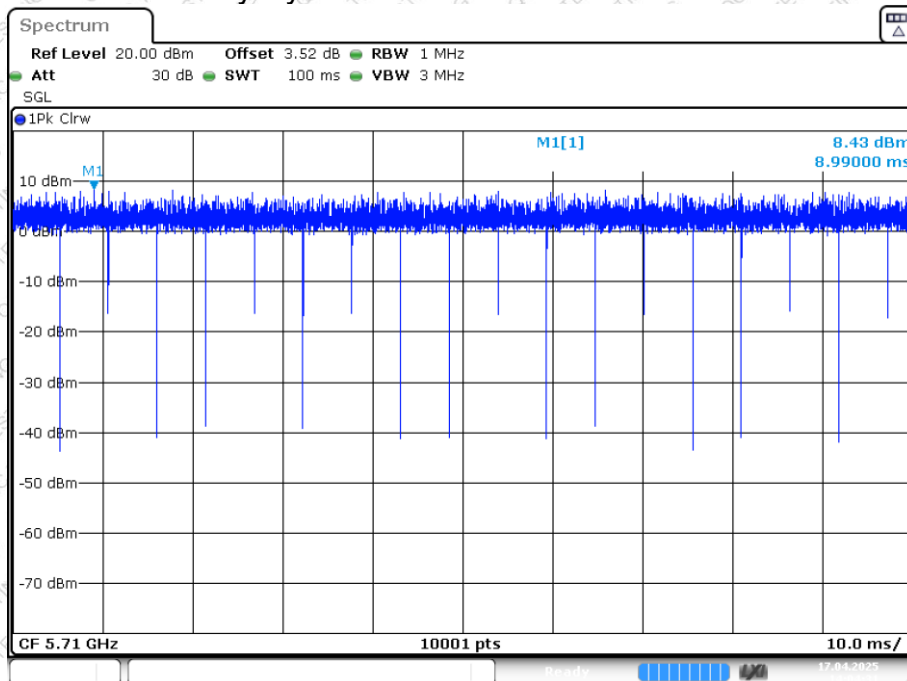


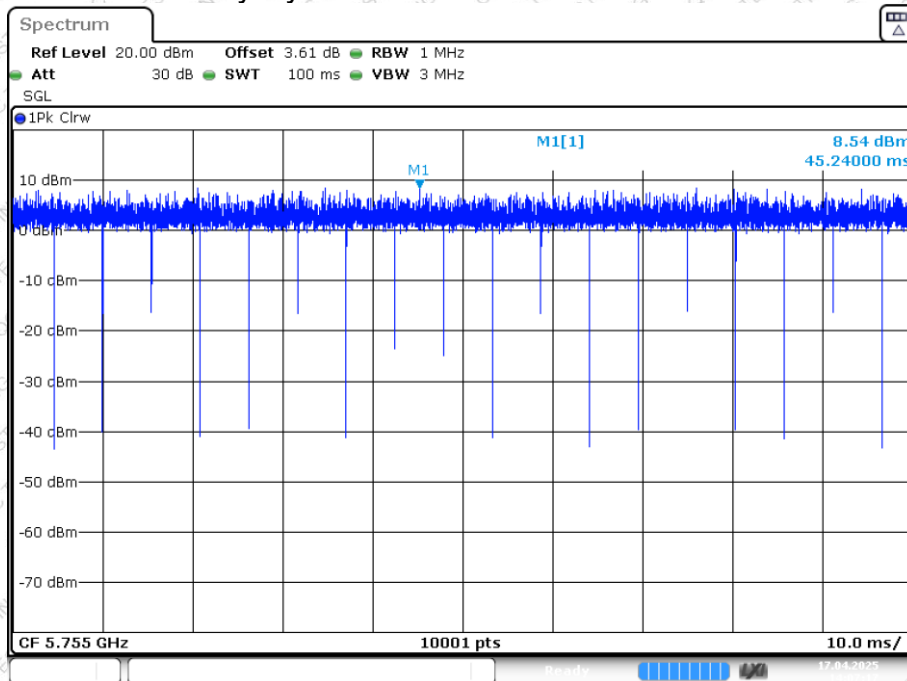


Duty Cycle NVNT ac40 5710MHz Ant1



Date: 17. APR 2025 14:04:31

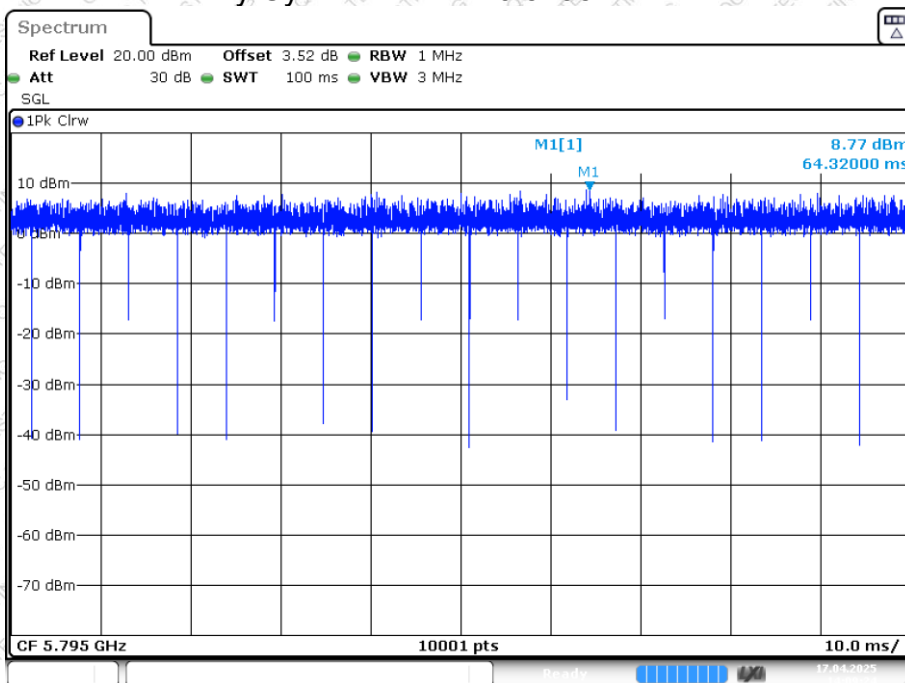
Duty Cycle NVNT ac40 5755MHz Ant1



Date: 17. APR 2025 14:07:18

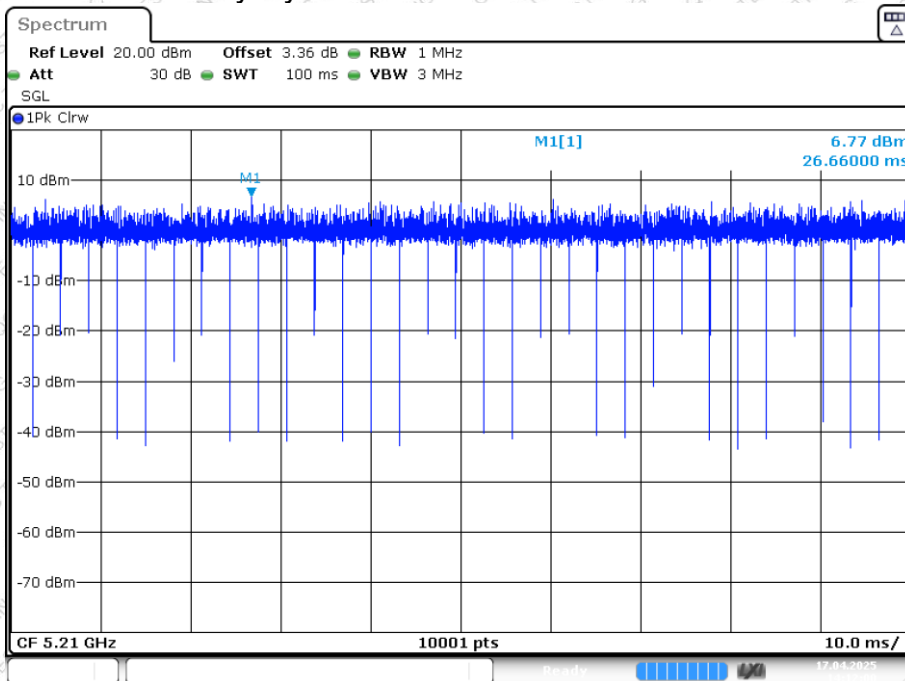


Duty Cycle NVNT ac40 5795MHz Ant1



Date: 17. APR 2025 14:09:24

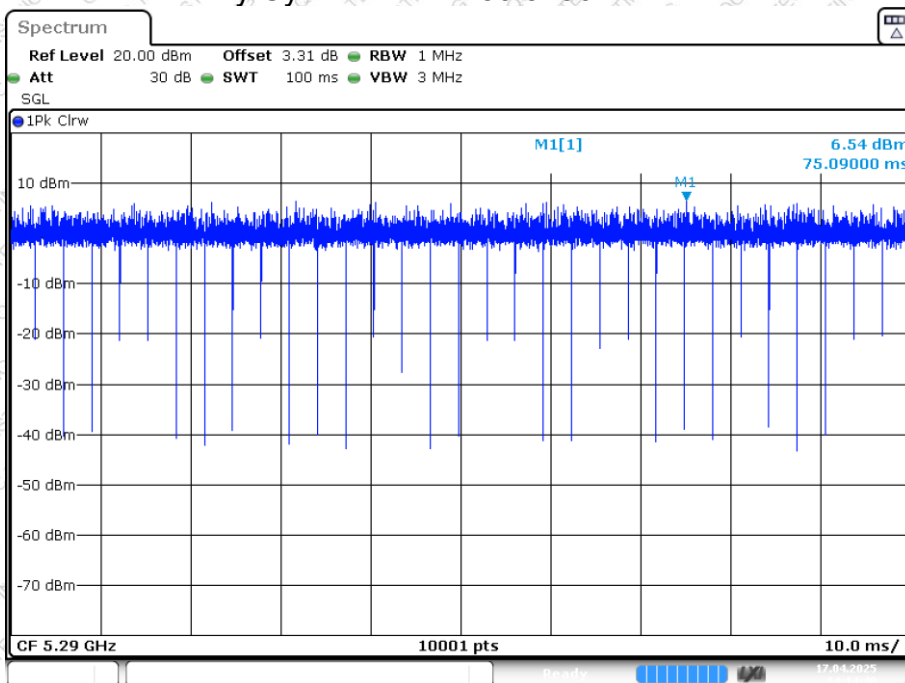
Duty Cycle NVNT ac80 5210MHz Ant1



Date: 17. APR 2025 14:12:00

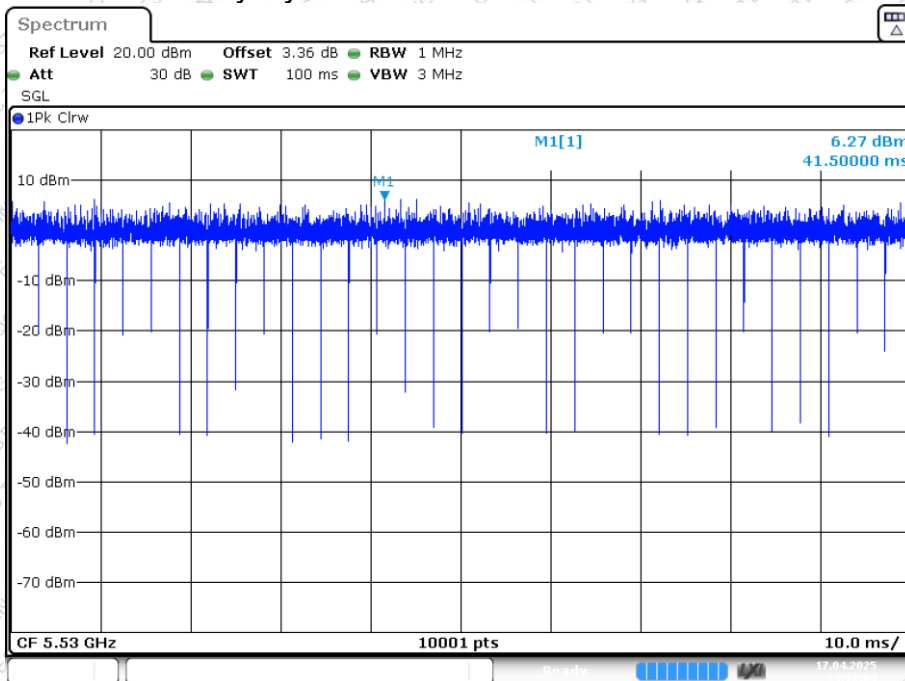


Duty Cycle NVNT ac80 5290MHz Ant1



Date: 17. APR 2025 14:14:40

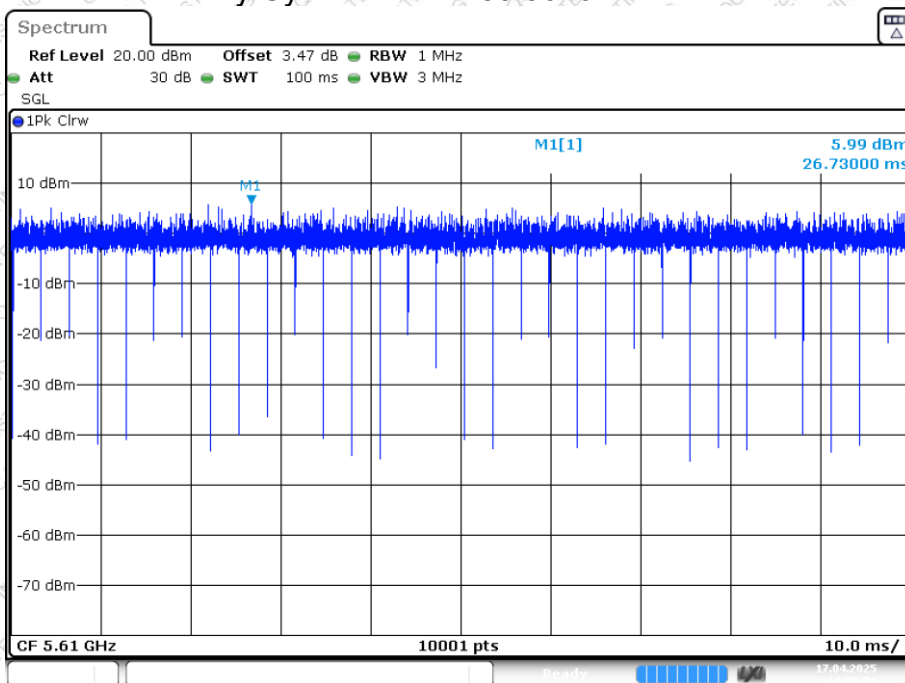
Duty Cycle NVNT ac80 5530MHz Ant1



Date: 17. APR 2025 14:18:05

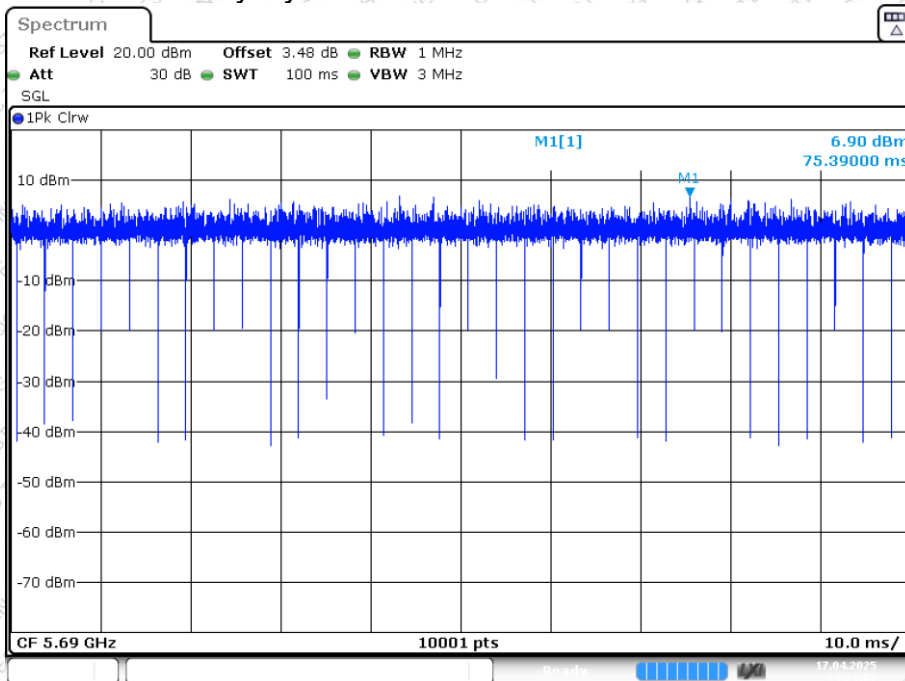


Duty Cycle NVNT ac80 5610MHz Ant1



Date: 17. APR 2025 14:20:31

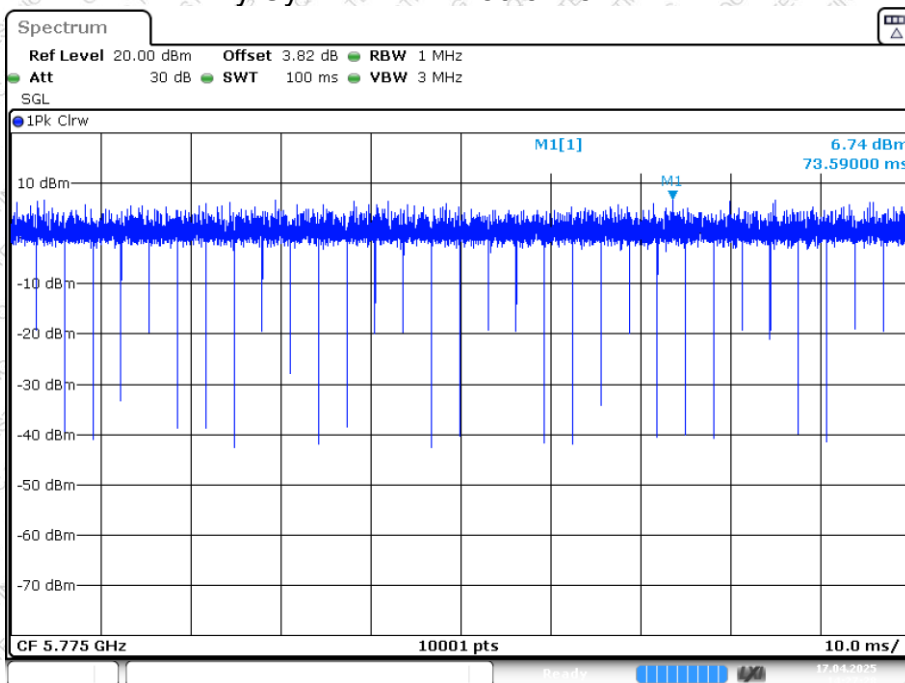
Duty Cycle NVNT ac80 5690MHz Ant1



Date: 17. APR 2025 14:23:07

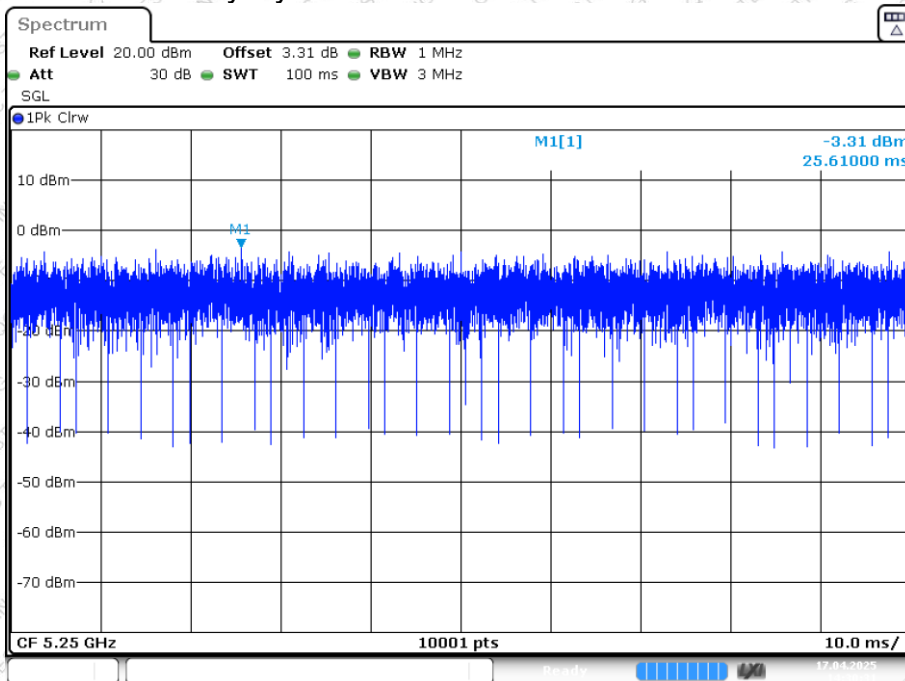


Duty Cycle NVNT ac80 5775MHz Ant1



Date: 17. APR 2025 14:27:28

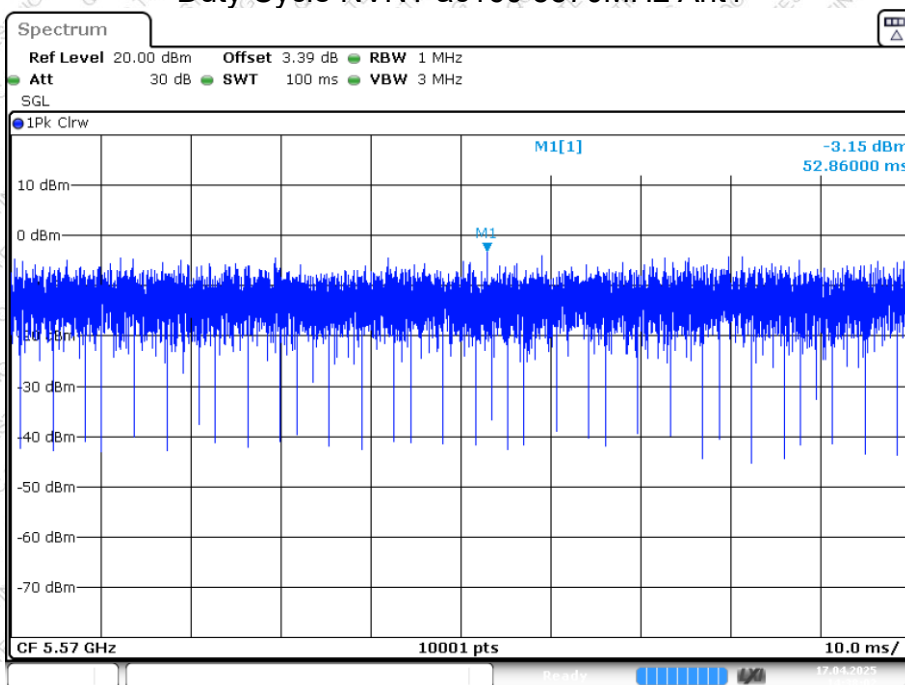
Duty Cycle NVNT ac160 5250MHz Ant1



Date: 17. APR 2025 14:30:31

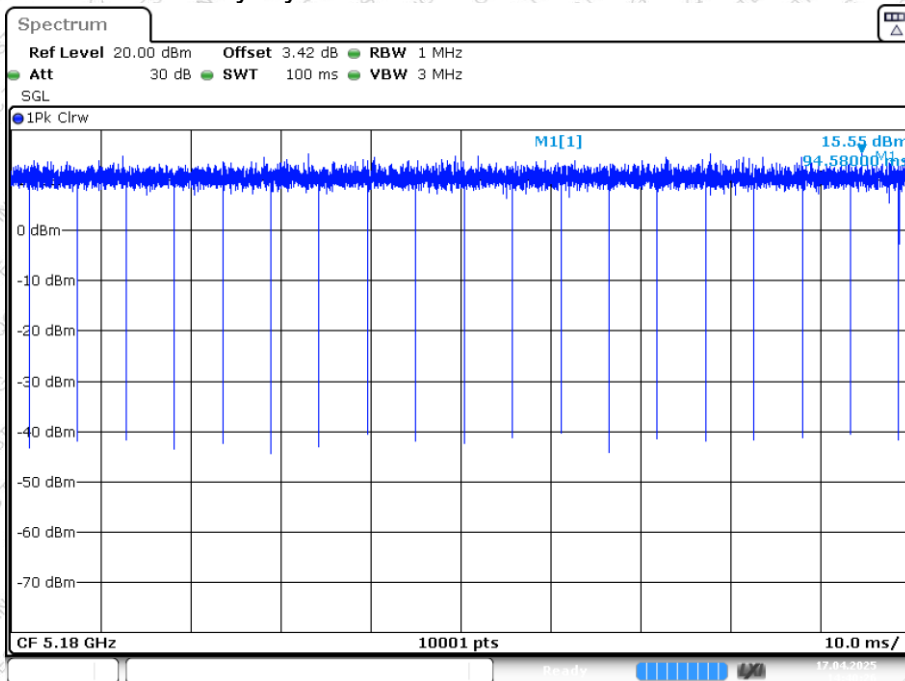


Duty Cycle NVNT ac160 5570MHz Ant1



Date: 17. APR 2025 14:38:02

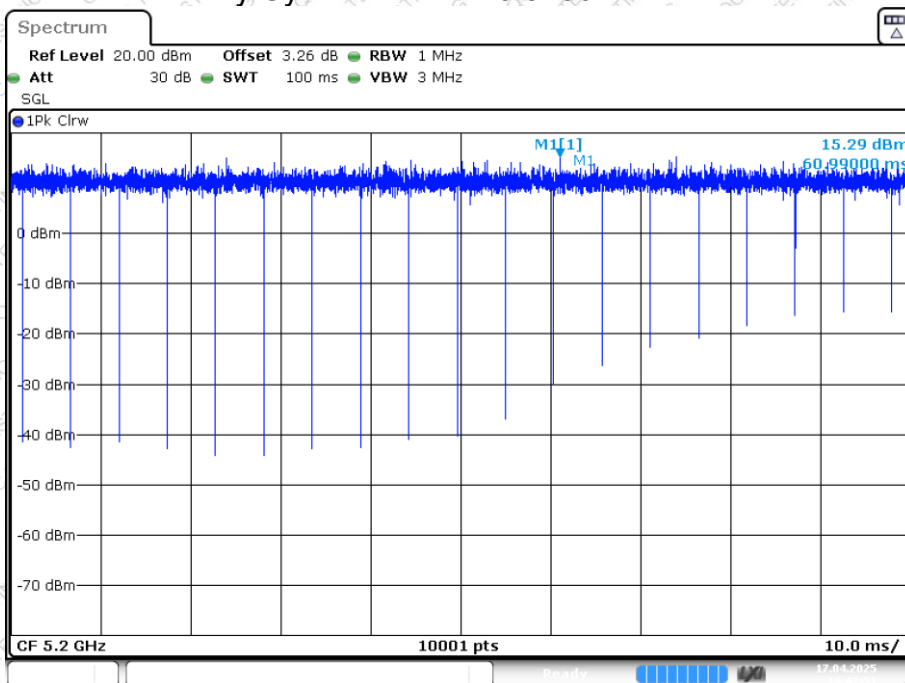
Duty Cycle NVNT ax20 5180MHz Ant1



Date: 17. APR 2025 14:40:26

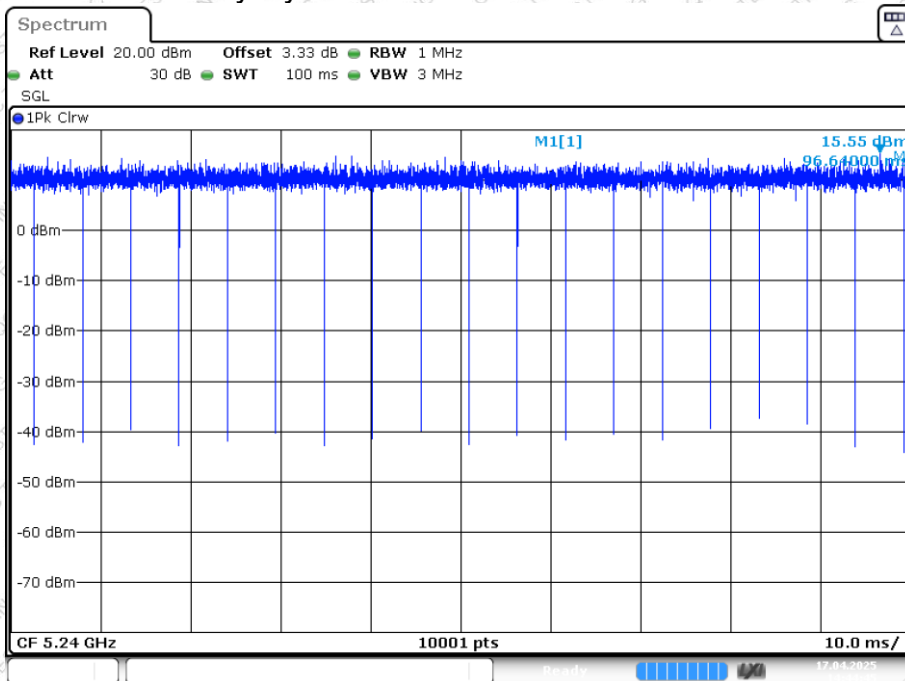


Duty Cycle NVNT ax20 5200MHz Ant1



Date: 17. APR 2025 14:42:51

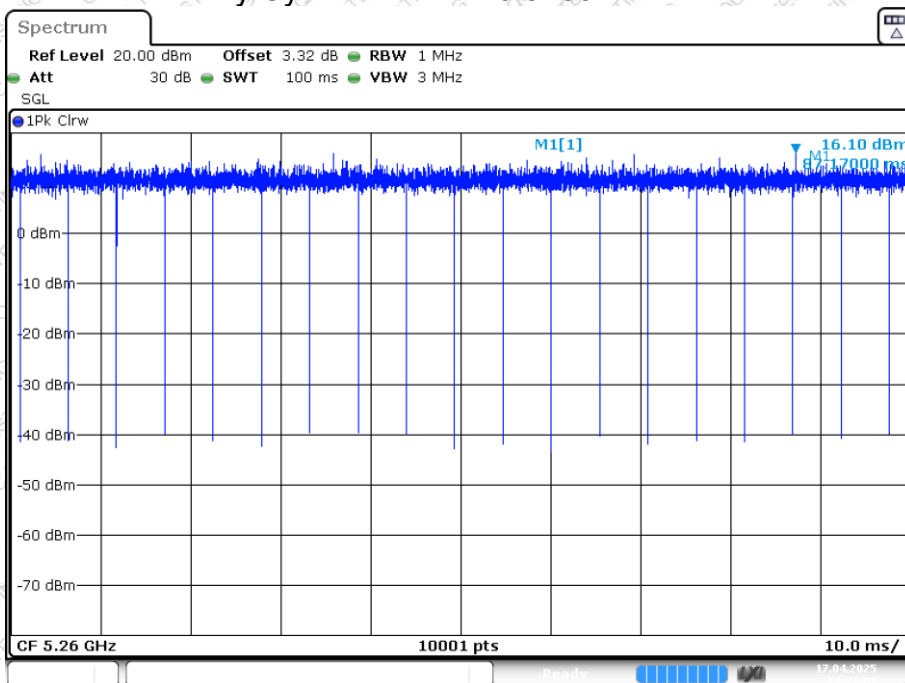
Duty Cycle NVNT ax20 5240MHz Ant1



Date: 17. APR 2025 14:44:45

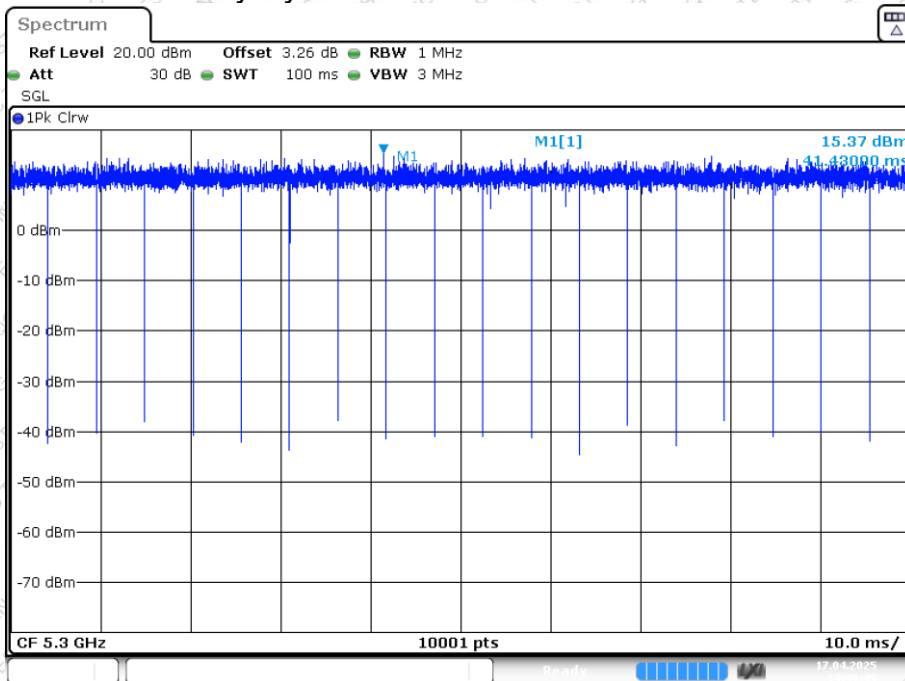


Duty Cycle NVNT ax20 5260MHz Ant1



Date: 17. APR 2025 14:47:03

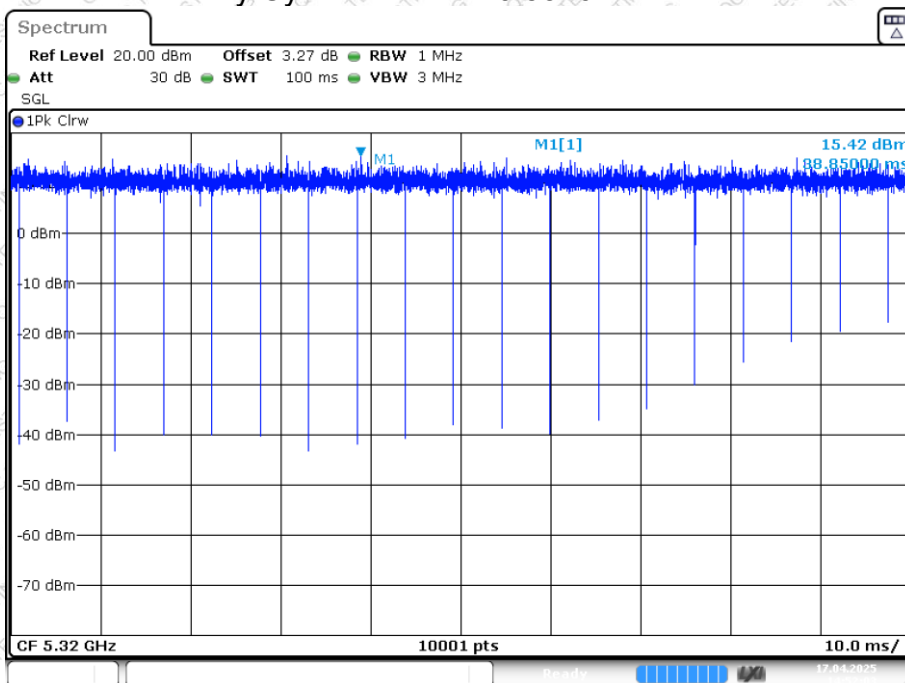
Duty Cycle NVNT ax20 5300MHz Ant1



Date: 17. APR 2025 14:49:50

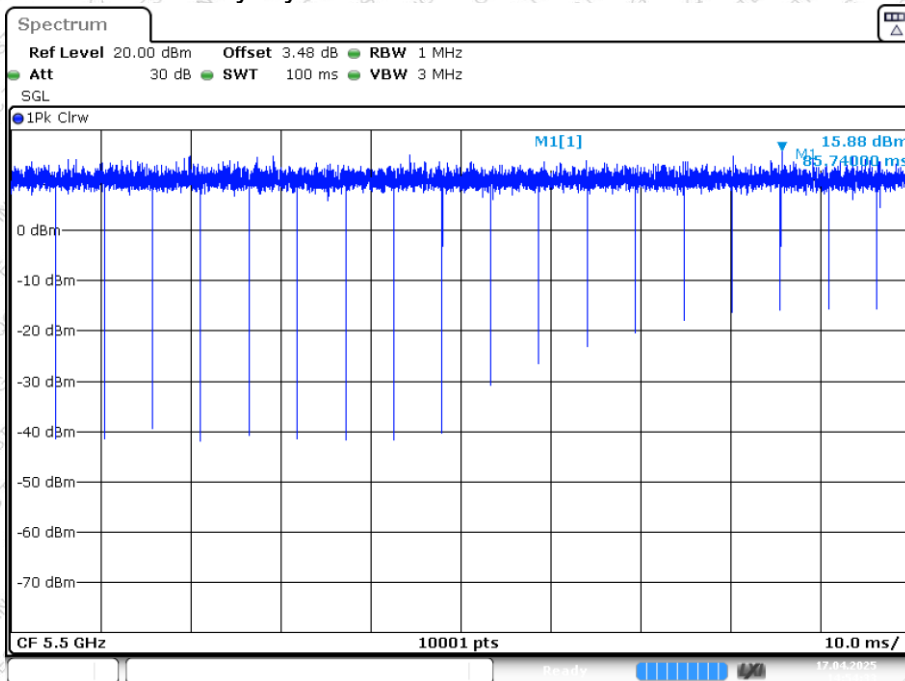


Duty Cycle NVNT ax20 5320MHz Ant1



Date: 17. APR 2025 14:52:04

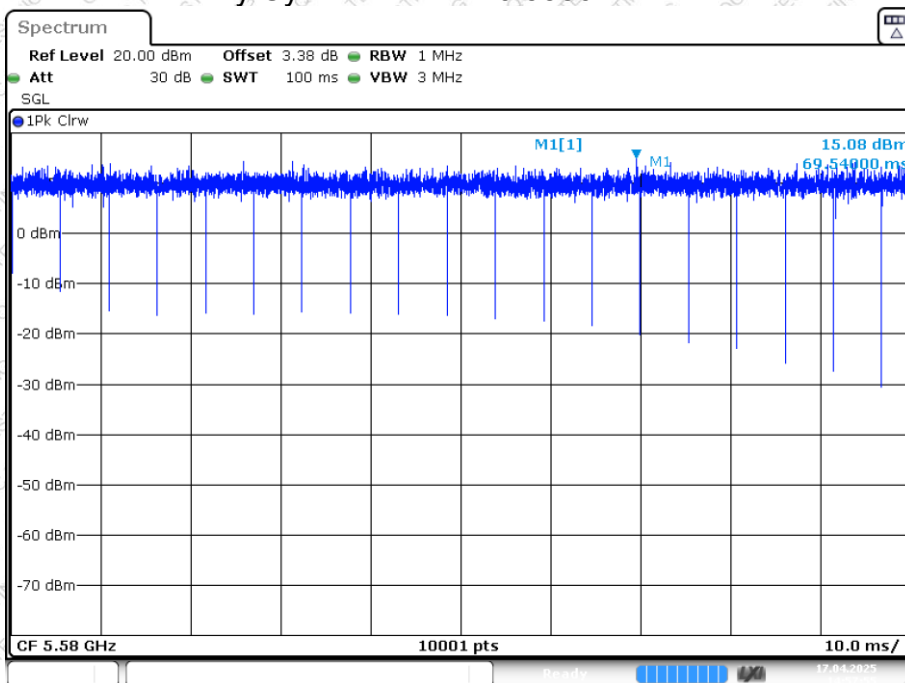
Duty Cycle NVNT ax20 5500MHz Ant1



Date: 17. APR 2025 14:54:34

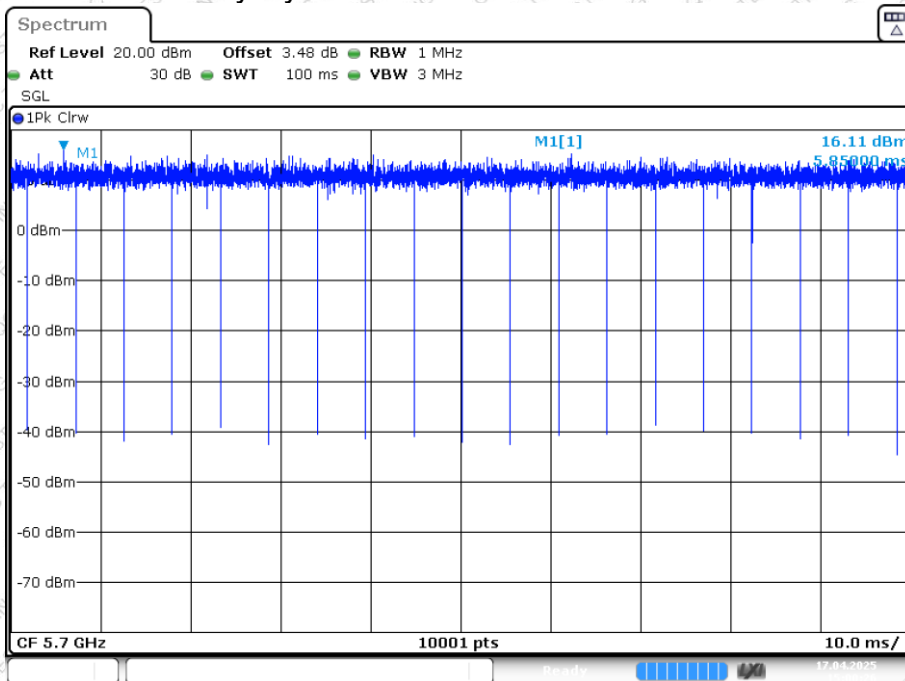


Duty Cycle NVNT ax20 5580MHz Ant1



Date: 17. APR 2025 14:57:55

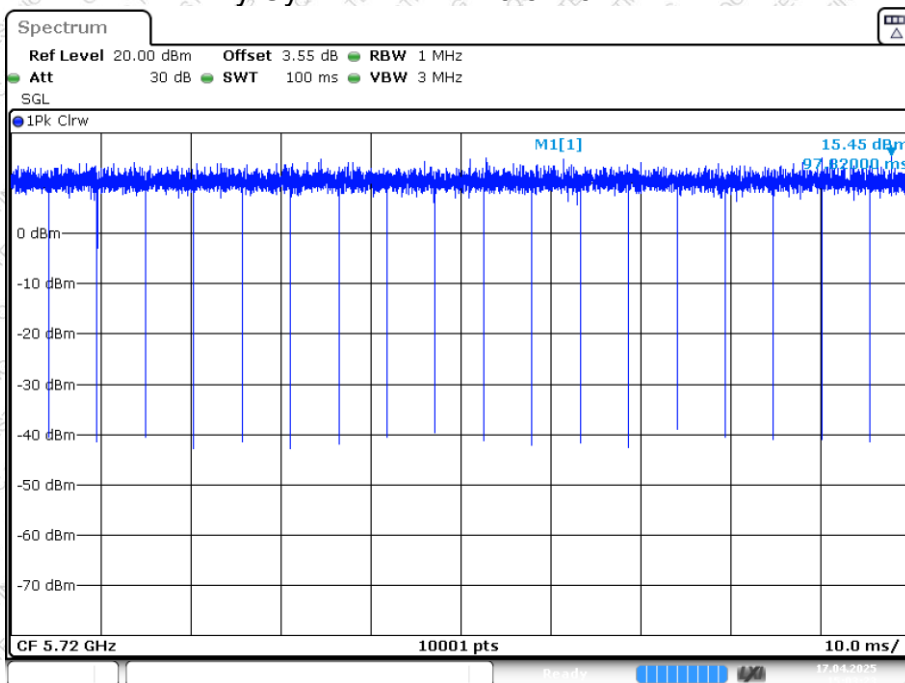
Duty Cycle NVNT ax20 5700MHz Ant1



Date: 17. APR 2025 15:00:27

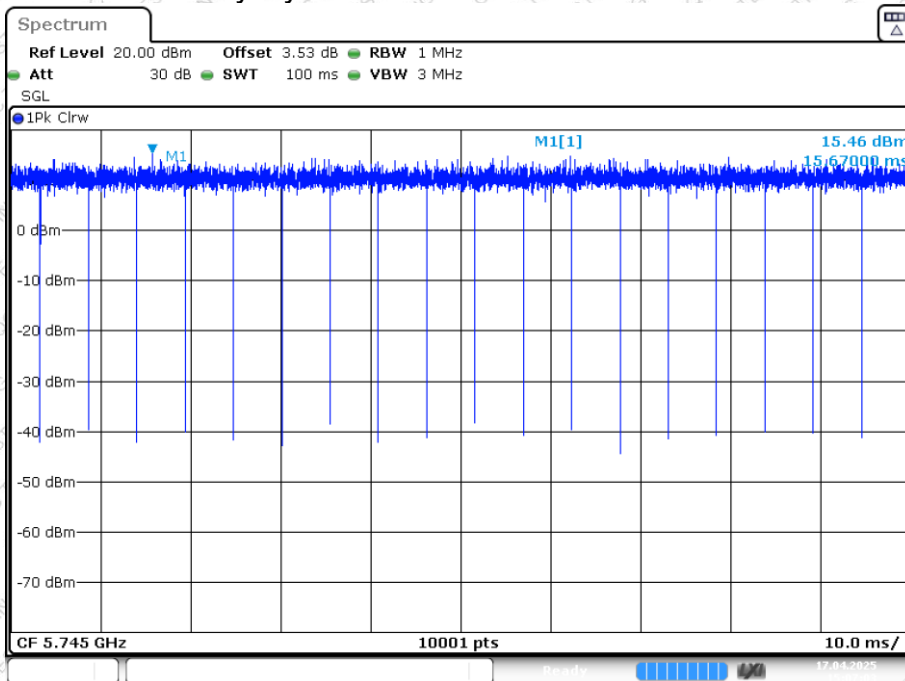


Duty Cycle NVNT ax20 5720MHz Ant1



Date: 17. APR 2025 15:03:23

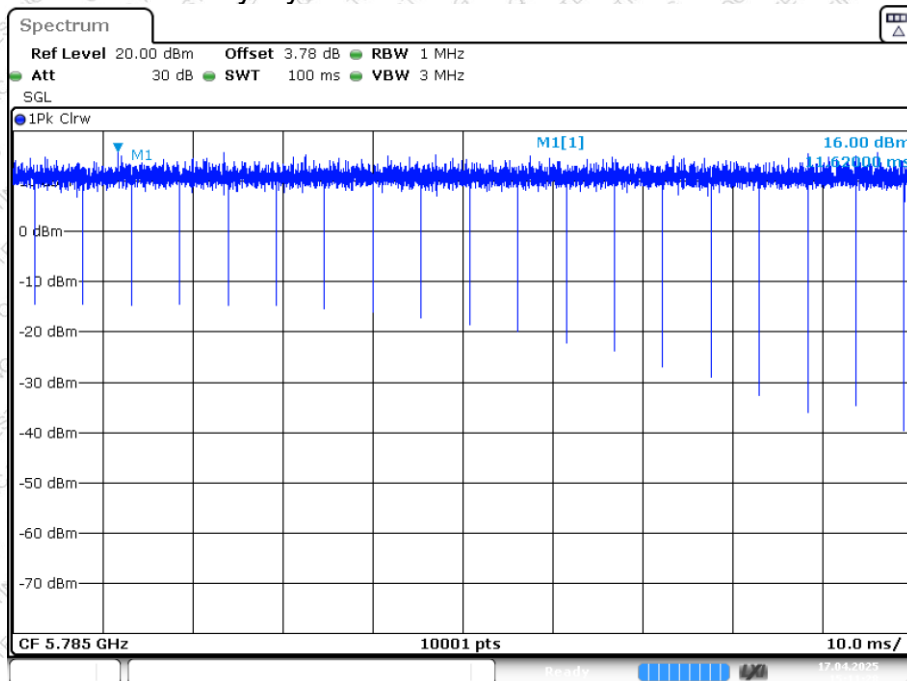
Duty Cycle NVNT ax20 5745MHz Ant1



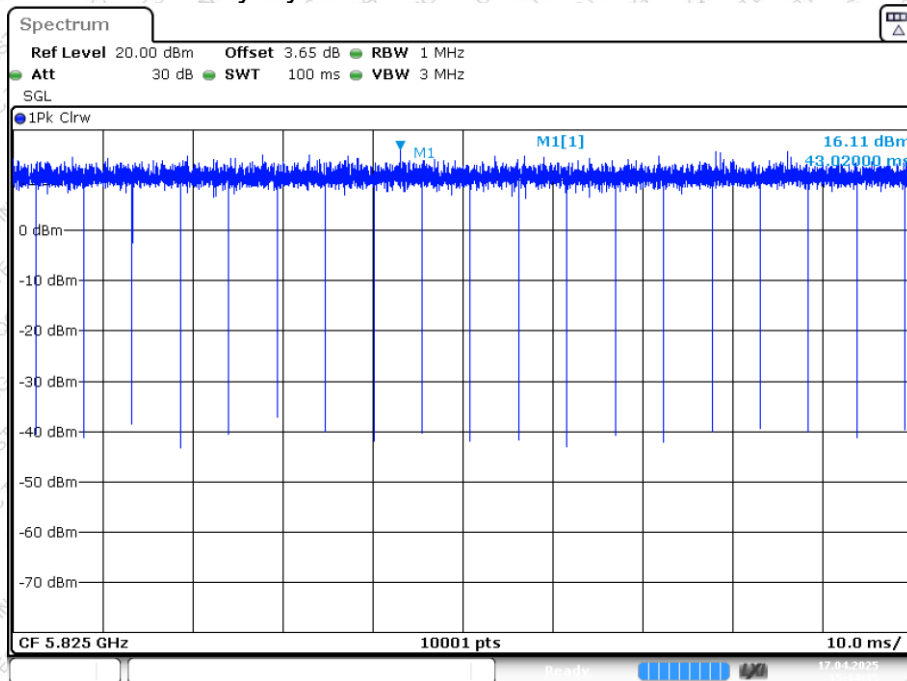
Date: 17. APR 2025 15:07:02



Duty Cycle NVNT ax20 5785MHz Ant1

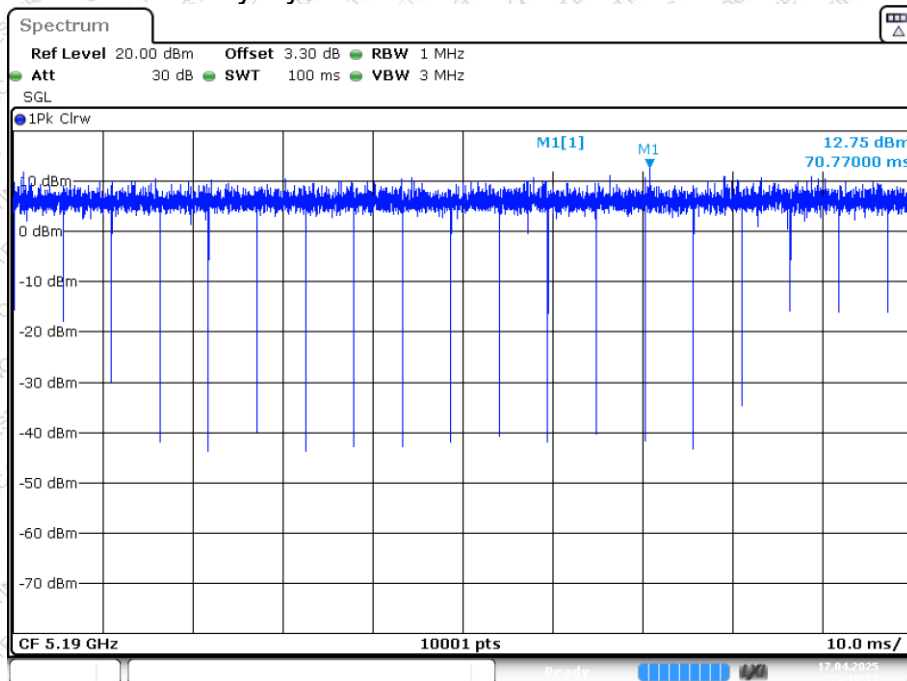


Duty Cycle NVNT ax20 5825MHz Ant1



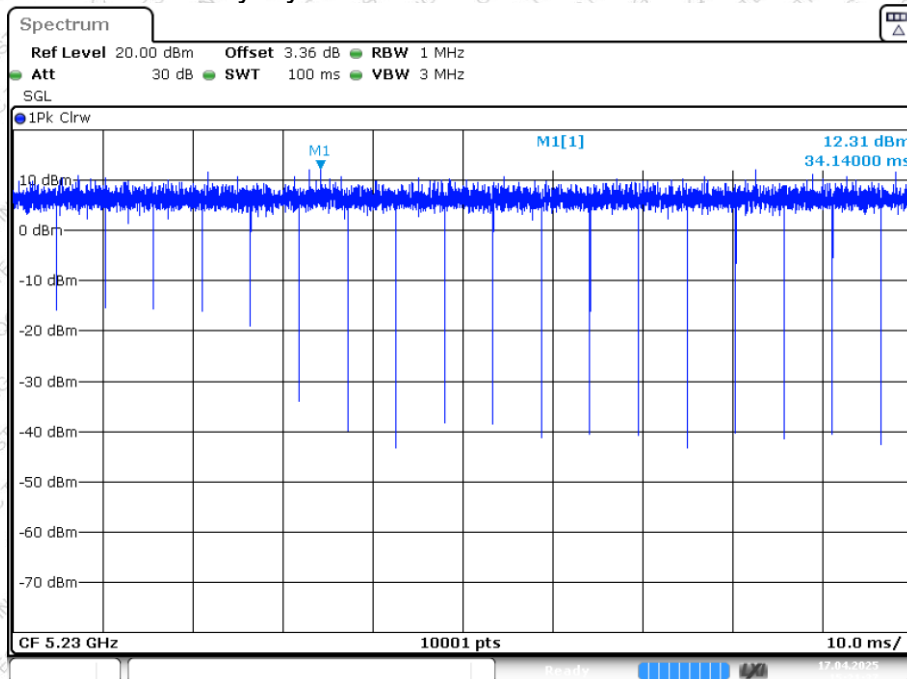


Duty Cycle NVNT ax40 5190MHz Ant1



Date: 17. APR 2025 15:19:13

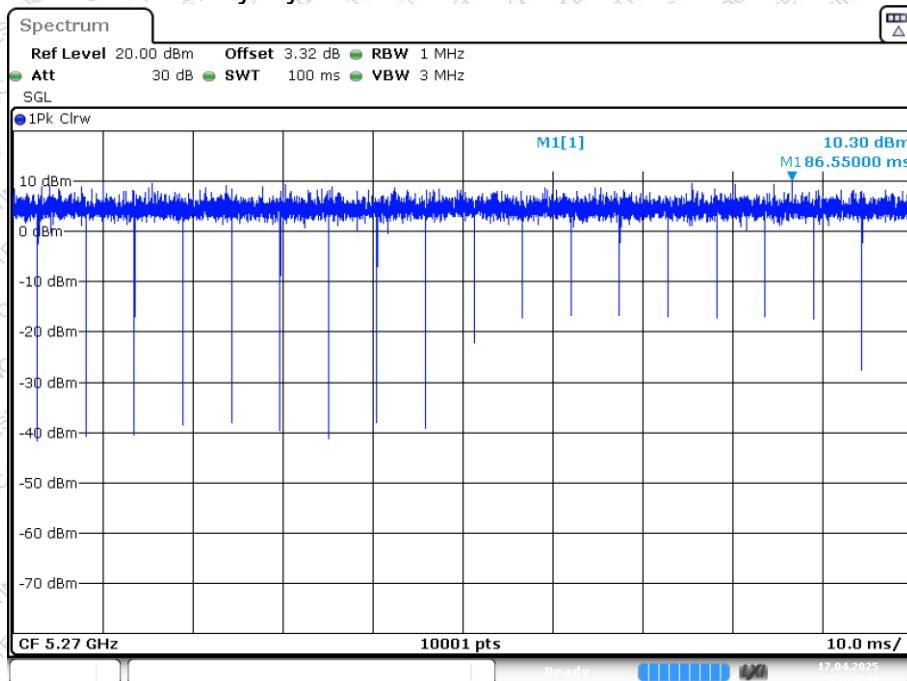
Duty Cycle NVNT ax40 5230MHz Ant1



Date: 17. APR 2025 15:21:37

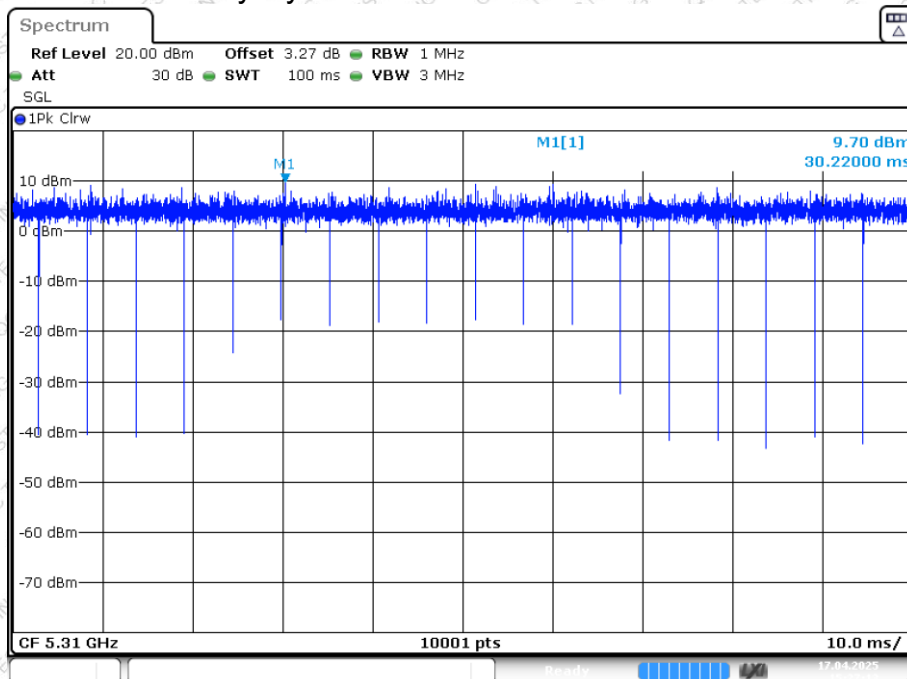


Duty Cycle NVNT ax40 5270MHz Ant1



Date: 17. APR 2025 15:24:35

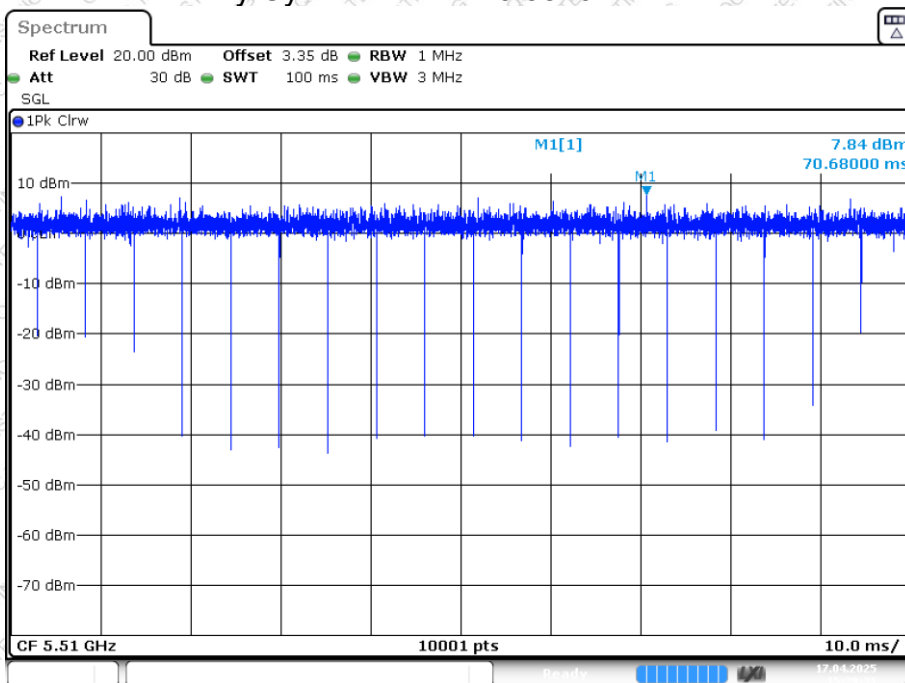
Duty Cycle NVNT ax40 5310MHz Ant1



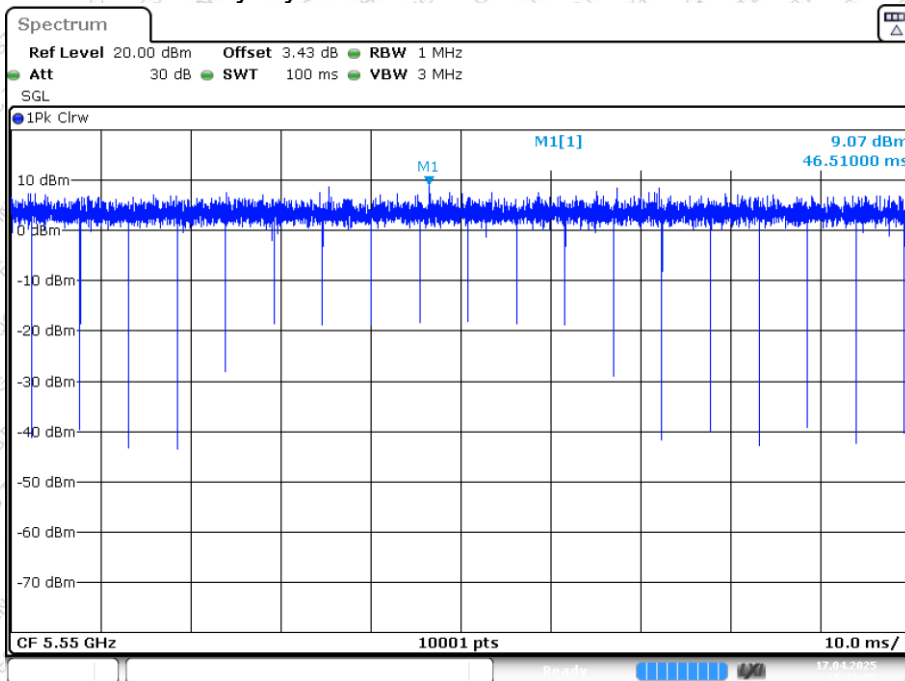
Date: 17. APR 2025 15:27:14



Duty Cycle NVNT ax40 5510MHz Ant1

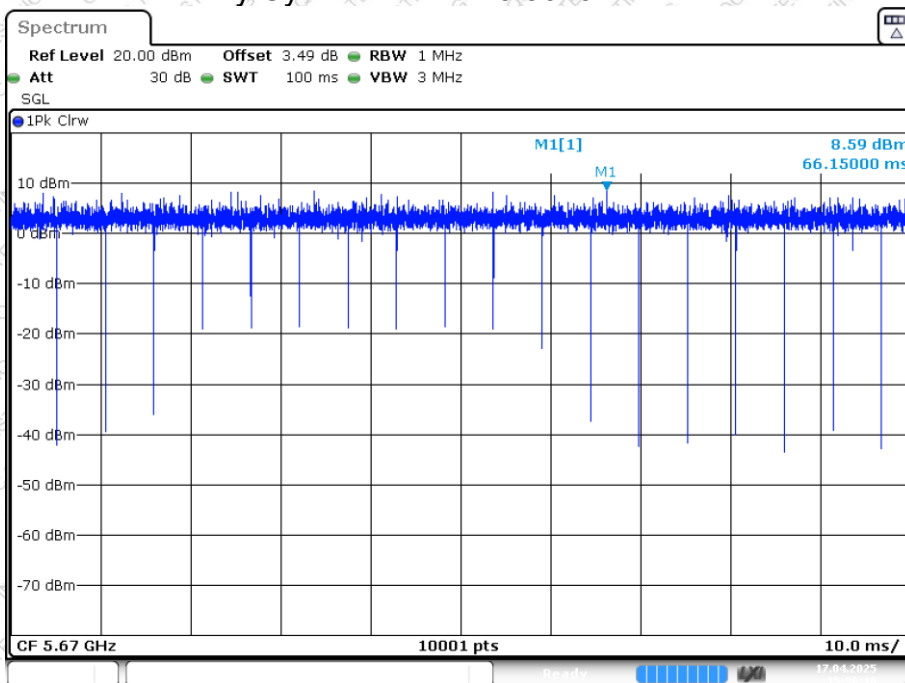


Duty Cycle NVNT ax40 5550MHz Ant1



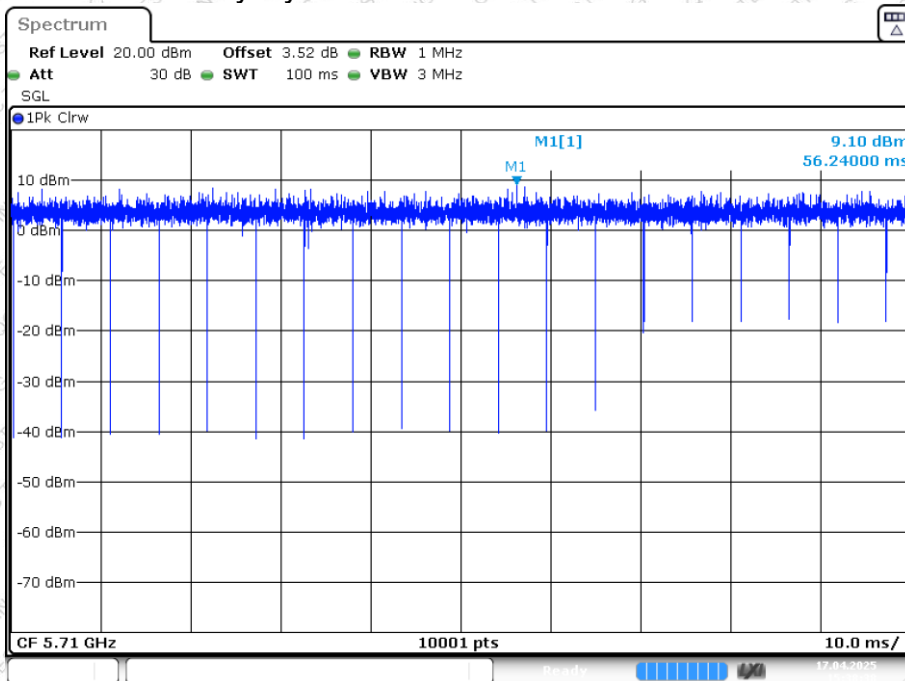


Duty Cycle NVNT ax40 5670MHz Ant1



Date: 17. APR 2025 15:36:10

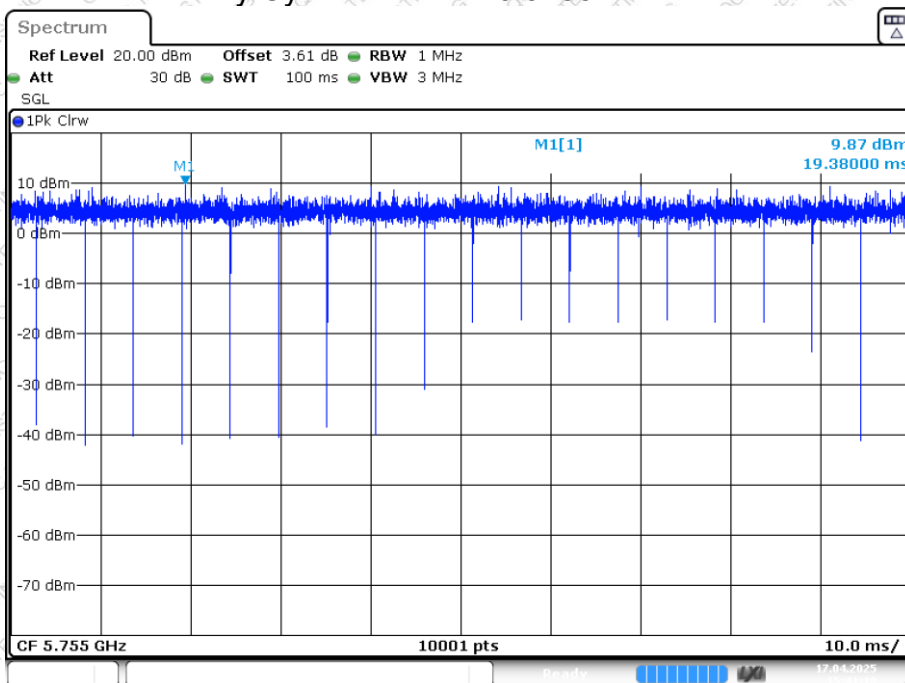
Duty Cycle NVNT ax40 5710MHz Ant1



Date: 17. APR 2025 15:38:38

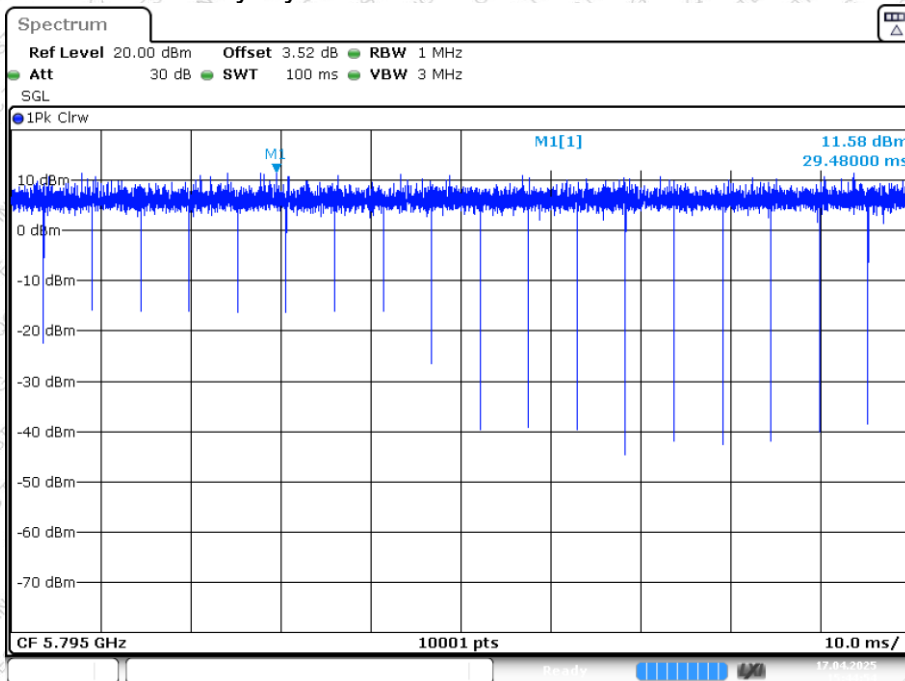


Duty Cycle NVNT ax40 5755MHz Ant1



Date: 17. APR 2025 15:41:18

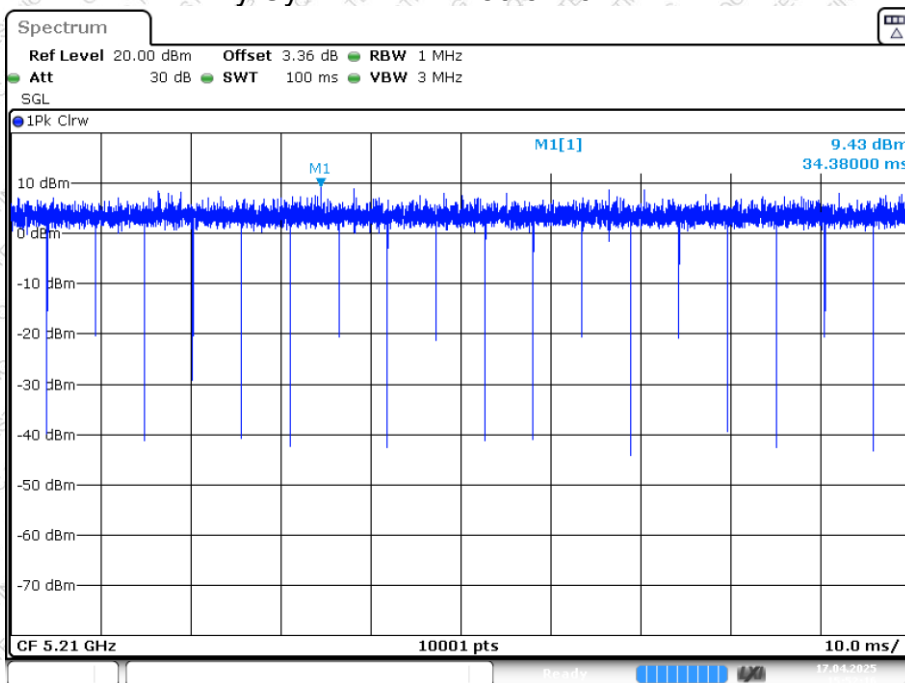
Duty Cycle NVNT ax40 5795MHz Ant1



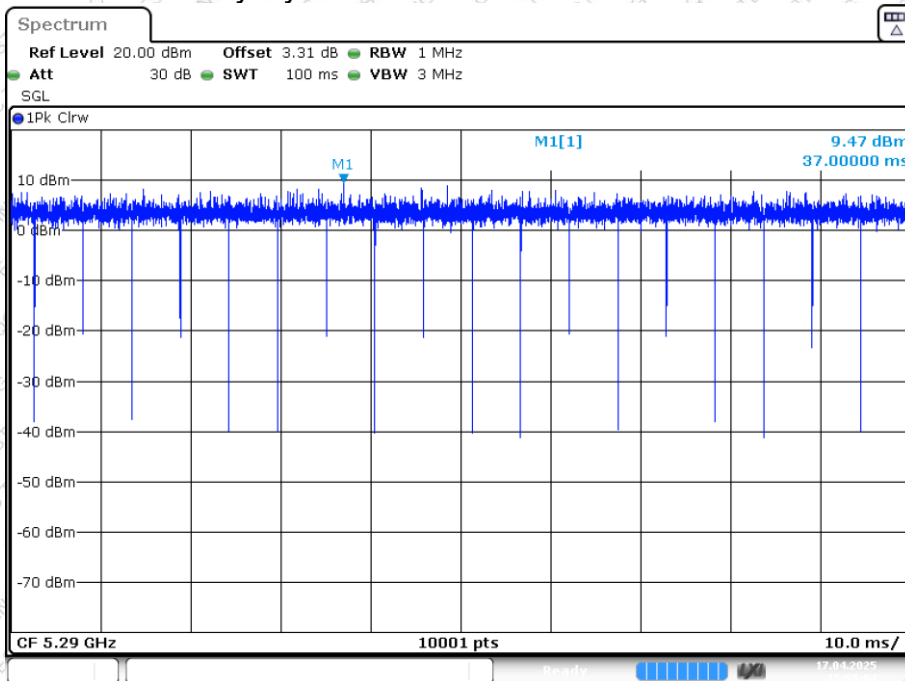
Date: 17. APR 2025 15:44:54



Duty Cycle NVNT ax80 5210MHz Ant1

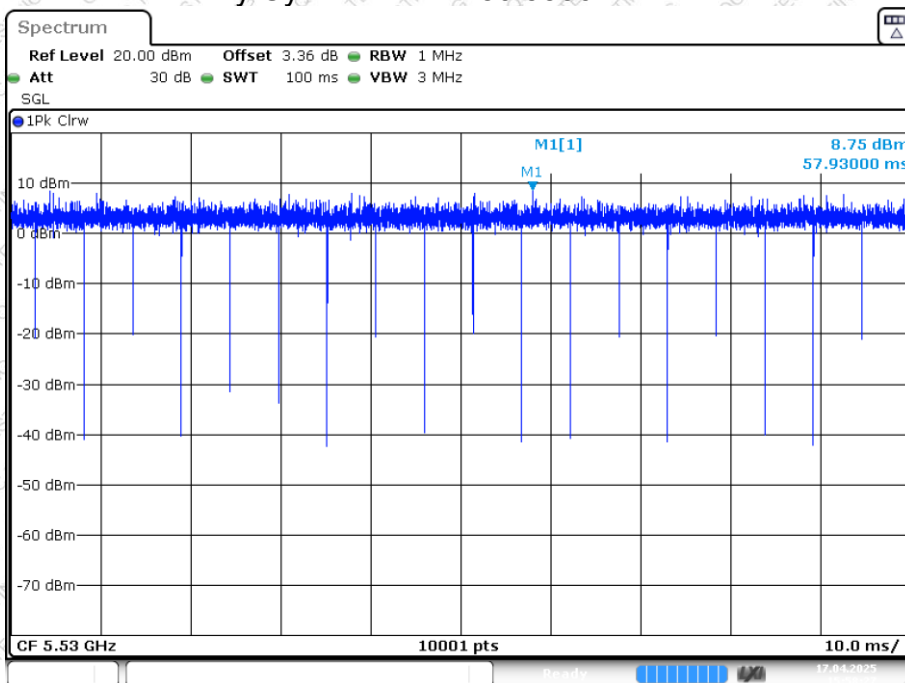


Duty Cycle NVNT ax80 5290MHz Ant1



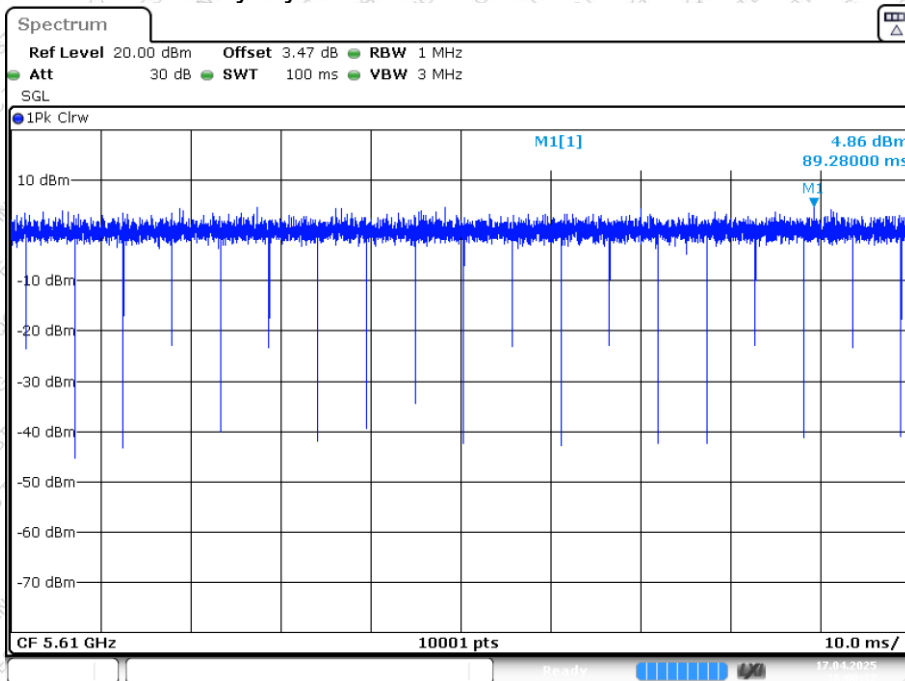


Duty Cycle NVNT ax80 5530MHz Ant1



Date: 17. APR 2025 15:58:28

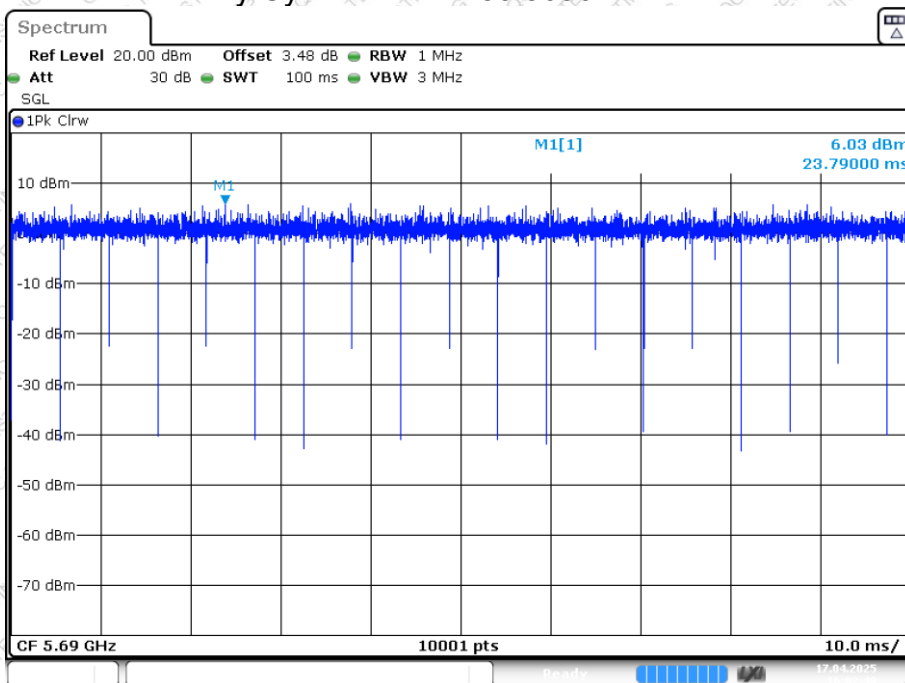
Duty Cycle NVNT ax80 5610MHz Ant1



Date: 17. APR 2025 16:00:32

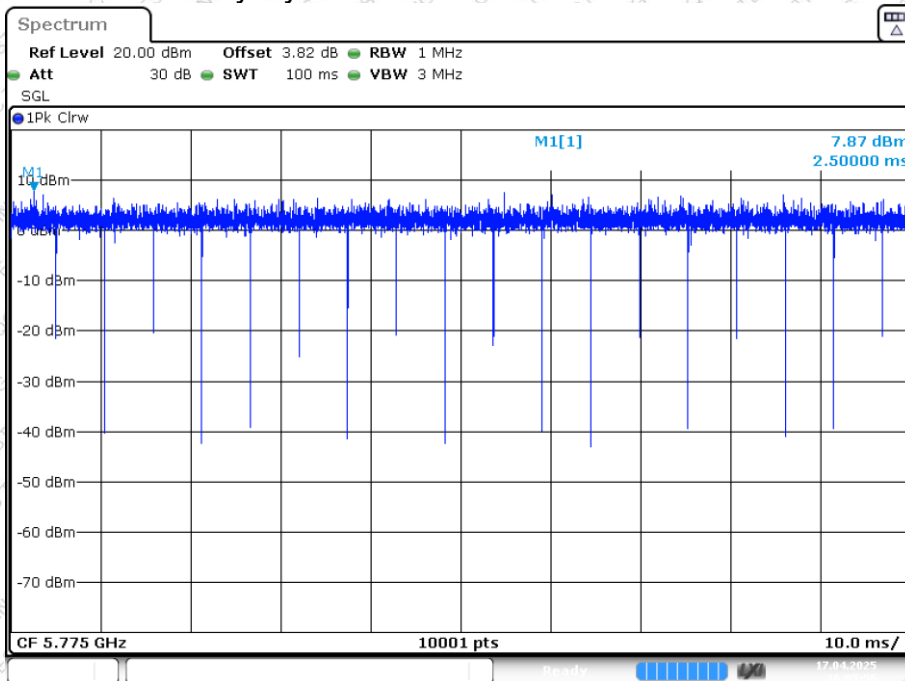


Duty Cycle NVNT ax80 5690MHz Ant1



Date: 17. APR 2025 16:02:49

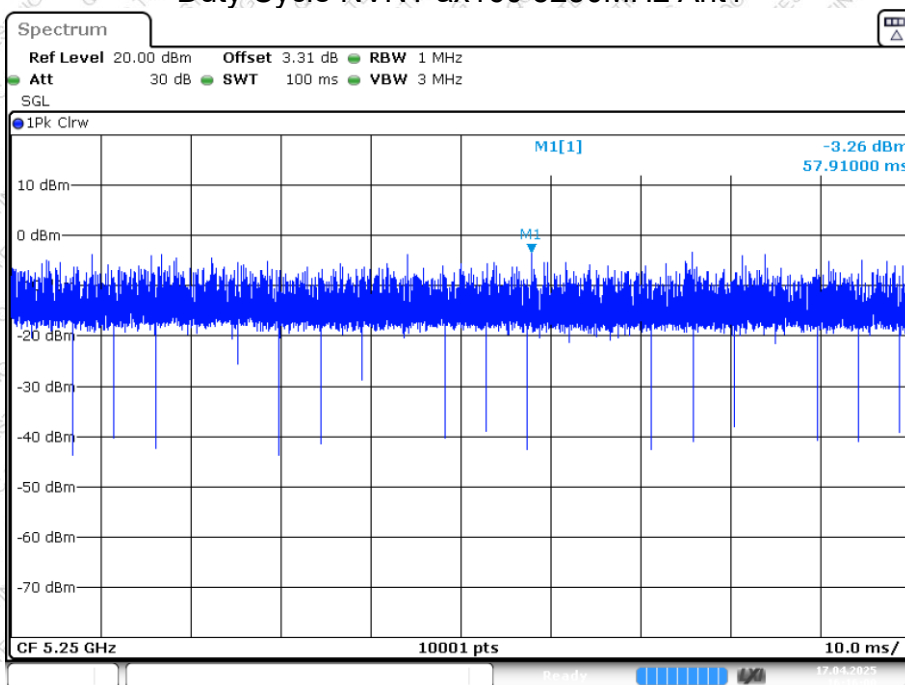
Duty Cycle NVNT ax80 5775MHz Ant1



Date: 17. APR 2025 16:05:57

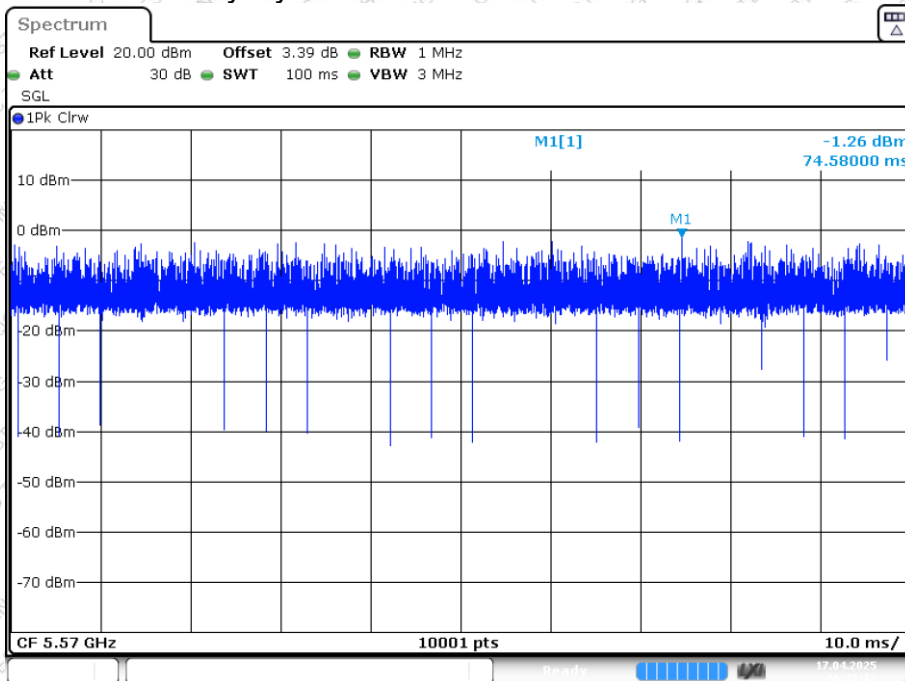


Duty Cycle NVNT ax160 5250MHz Ant1



Date: 17. APR 2025 16:16:00

Duty Cycle NVNT ax160 5570MHz Ant1



Date: 17. APR 2025 16:22:13

7. Maximum power spectral density

7.1 Applicable Standard

FCC Part15 E Section 15.407(a)(3)

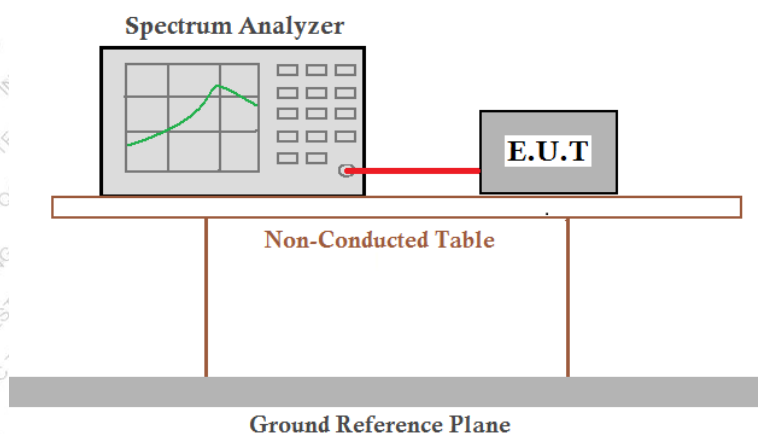
7.2 Limit

The maximum power spectral density shall not exceed 11dBm for the 5.15-5.25GHz.

5.255.35GHz, 5.47-5.725 GHz Band in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

7.3 Test setup



7.4 Test Procedure

- 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...".
- Use the peak search function on the instrument to find the peak of the spectrum.
- Make the following adjustments to the peak value of the spectrum, if applicable:
 - 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.
 - 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.
- The result is the PSD.

7.5 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
IEE 802.11a modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5180	6.96	0.01	6.97	11	Pass
	Middle	5200	6.85	0.01	6.86	11	Pass
	High	5240	6.06	0.01	6.07	11	Pass
UNII-2A	Low	5260	7.14	0.01	7.15	11	Pass
	Middle	5300	6.63	0.01	6.64	11	Pass
	High	5320	6.82	0.01	6.83	11	Pass
UNII-2C	Low	5500	6.56	0.01	6.57	11	Pass
	Middle	5580	5.76	0.01	5.77	11	Pass
	High	5700	6.79	0.01	6.8	11	Pass
		5720	6.58	0.01	6.59	11	Pass

IEE 802.11n20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5180	5.38	0	5.38	11	Pass
	Middle	5200	5.13	0	5.13	11	Pass
	High	5240	5.31	0	5.31	11	Pass
UNII-2A	Low	5260	5.47	0	5.47	11	Pass
	Middle	5300	5.37	0	5.37	11	Pass
	High	5320	5.31	0	5.31	11	Pass
UNII-2C	Low	5500	4.97	0	4.97	11	Pass
	Middle	5580	4.8	0	4.8	11	Pass
	High	5700	5.62	0	5.62	11	Pass
		5720	4.98	0	4.98	11	Pass

IEE 802.11n40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5190	2.07	0	2.07	11	Pass
	High	5230	2.22	0	2.22	11	Pass
UNII-2A	Low	5270	2.95	0	2.95	11	Pass
	High	5310	2.67	0	2.67	11	Pass
UNII-2C	Low	5510	1.86	0	1.86	11	Pass
	Middle	5550	1.99	0	1.99	11	Pass
	High	5670	2.14	0	2.14	11	Pass
		5710	2.45	0	2.45	11	Pass



IEE 802.11ac20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5180	5.44	0	5.44	11	Pass
	Middle	5200	5.42	0.01	5.43	11	Pass
	High	5240	5.38	0	5.38	11	Pass
UNII-2A	Low	5260	5.66	0	5.66	11	Pass
	Middle	5300	5.49	0	5.49	11	Pass
	High	5320	2.37	0	2.37	11	Pass
UNII-2C	Low	5500	5.17	0	5.17	11	Pass
	Middle	5580	4.78	0	4.78	11	Pass
	High	5700	5.75	0	5.75	11	Pass
		5720	5.21	0	5.21	11	Pass

IEE 802.11ac40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5190	2.17	0	2.17	11	Pass
	High	5230	2.47	0	2.47	11	Pass
UNII-2A	Low	5270	3	0	3	11	Pass
	High	5310	2.68	0	2.68	11	Pass
UNII-2C	Low	5510	1.97	0	1.97	11	Pass
	Middle	5550	2.18	0	2.18	11	Pass
	High	5670	2.53	0	2.53	11	Pass
		5710	2.59	0	2.59	11	Pass

IEE 802.11ac80 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	42	5210	-0.15	0.01	-0.14	11	Pass
UNII-2A	58	5290	-0.23	0.01	-0.22	11	Pass
UNII-2C	Low	5530	-0.61	0.01	-0.6	11	Pass
	Middle	5610	-1.17	0.01	-1.16	11	Pass
		5690	-0.12	0.01	-0.11	11	Pass

IEE 802.11ac160 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-2A	50	5250	-5.06	0.01	-5.05	11	Pass
UNII-2C	114	5570	-5.35	0.01	-5.34	11	Pass



IEE 802.11ax20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5180	6.19	0.01	6.2	11	Pass
	Middle	5200	6.06	0	6.06	11	Pass
	High	5240	6.15	0.01	6.16	11	Pass
UNII-2A	Low	5260	6.35	0.01	6.36	11	Pass
	Middle	5300	6.29	0.01	6.3	11	Pass
	High	5320	6.37	0	6.37	11	Pass
UNII-2C	Low	5500	5.91	0	5.91	11	Pass
	Middle	5580	5.45	0	5.45	11	Pass
	High	5700	6.71	0.01	6.72	11	Pass
		5720	6.24	0.01	6.25	11	Pass

IEE 802.11ax40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	Low	5190	2.8	0	2.8	11	Pass
	High	5230	3.05	0	3.05	11	Pass
UNII-2A	Low	5270	3.55	0	3.55	11	Pass
	High	5310	3.17	0	3.17	11	Pass
UNII-2C	Low	5510	-1.33	0.01	-1.32	11	Pass
	Middle	5550	0.18	0	0.18	11	Pass
	High	5670	-0.33	0	-0.33	11	Pass
		5710	0.34	0	0.34	11	Pass

IEE 802.11ax80 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-1	42	5210	0.26	0	0.26	11	Pass
UNII-2A	58	5290	0.2	0	0.2	11	Pass
UNII-2C	Low	5530	-0.09	0	-0.09	11	Pass
	Middle	5610	-3.22	0	-3.22	11	Pass
		5690	-2.07	0	-2.07	11	Pass

IEE 802.11ax160 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
UNII-2A	50	5250	-8.39	0	-8.39	11	Pass
UNII-2C	114	5570	-6.04	0	-6.04	11	Pass



IEE 802.11a modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5745	3.79	0.01	3.8	30	Pass
	Middle	5785	4.32	0.01	4.33	30	Pass
	High	5825	4.26	0.01	4.27	30	Pass

IEE 802.11n20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5745	3.04	0	3.04	30	Pass
	Middle	5785	2.92	0	2.92	30	Pass
	High	5825	2.79	0	2.79	30	Pass

IEE 802.11n40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5755	-0.15	0	-0.15	30	Pass
	High	5795	-0.54	0	-0.54	30	Pass

IEE 802.11ac20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5745	2.83	0	2.83	30	Pass
	Middle	5785	3.09	0	3.09	30	Pass
	High	5825	3.06	0	3.06	30	Pass

IEE 802.11ac40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5755	0.16	0	0.16	30	Pass
	High	5795	-0.23	0	-0.23	30	Pass

IEE 802.11ac80 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	155	5775	-2.7	0	-2.7	30	Pass



EE 802.11ax20 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5745	3.64	0.01	3.65	30	Pass
	Middle	5785	4.17	0	4.17	30	Pass
	High	5825	3.83	0.01	3.84	30	Pass

IEE 802.11ax40 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	Low	5755	-1.65	0	-1.65	30	Pass
	High	5795	0.2	0	0.2	30	Pass

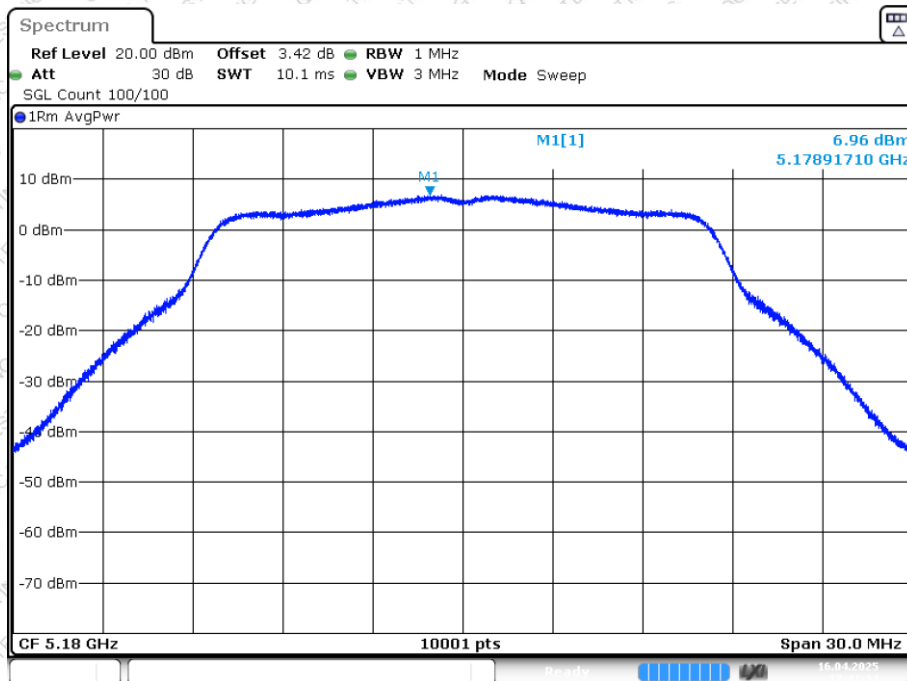
IEE 802.11ax80 modulation Test Result

Band	Channel	Frequency (MHz)	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
UNII-3	155	5775	-4.05	0	-4.05	30	Pass

Remark: PSD = Measured PSD +Duty Factor

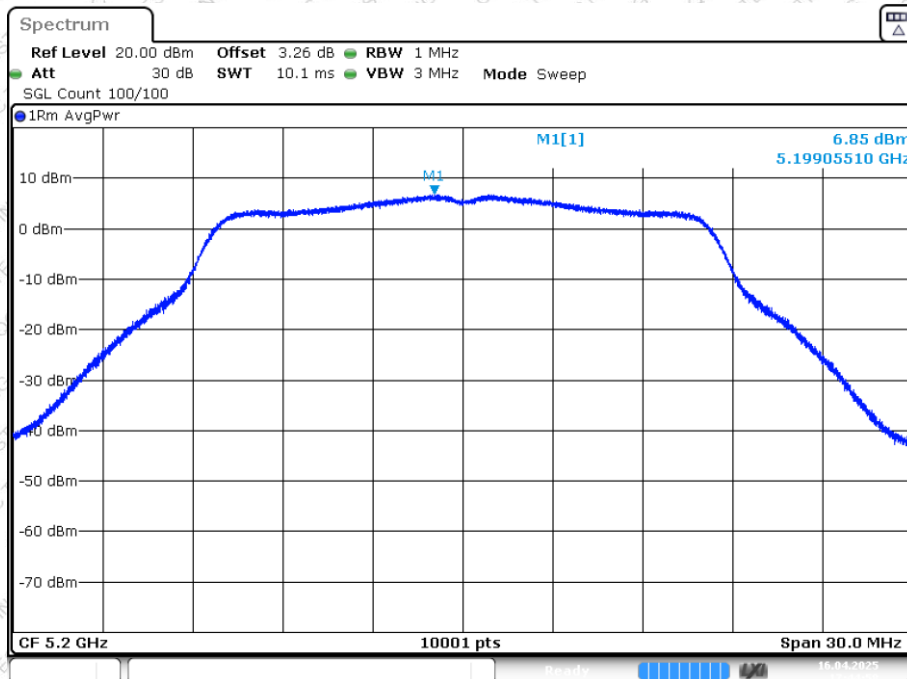


PSD NVNT a 5180MHz Ant1



Date: 16.APR.2025 17:41:34

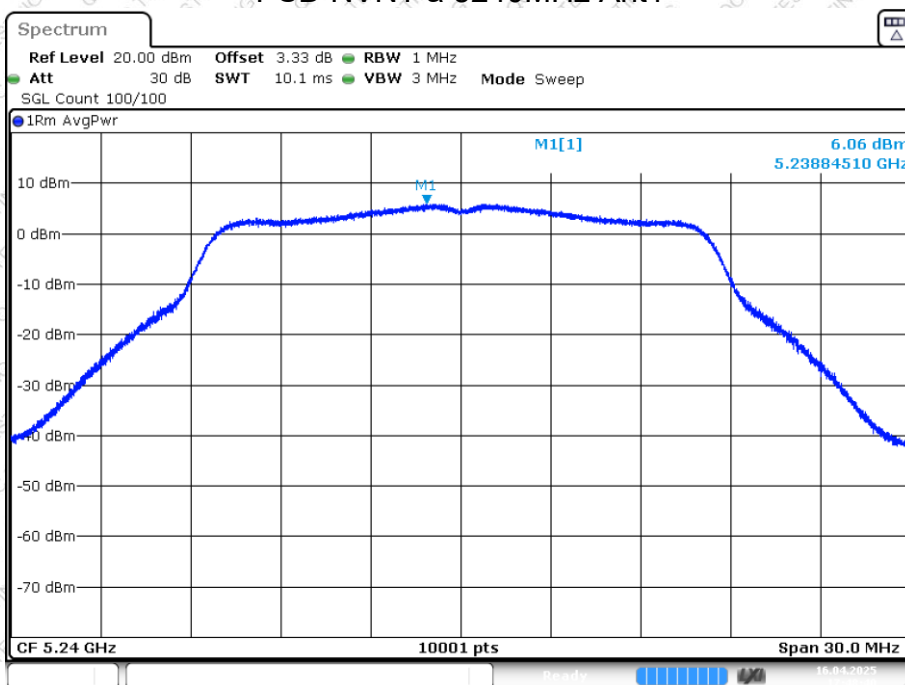
PSD NVNT a 5200MHz Ant1



Date: 16.APR.2025 17:44:58

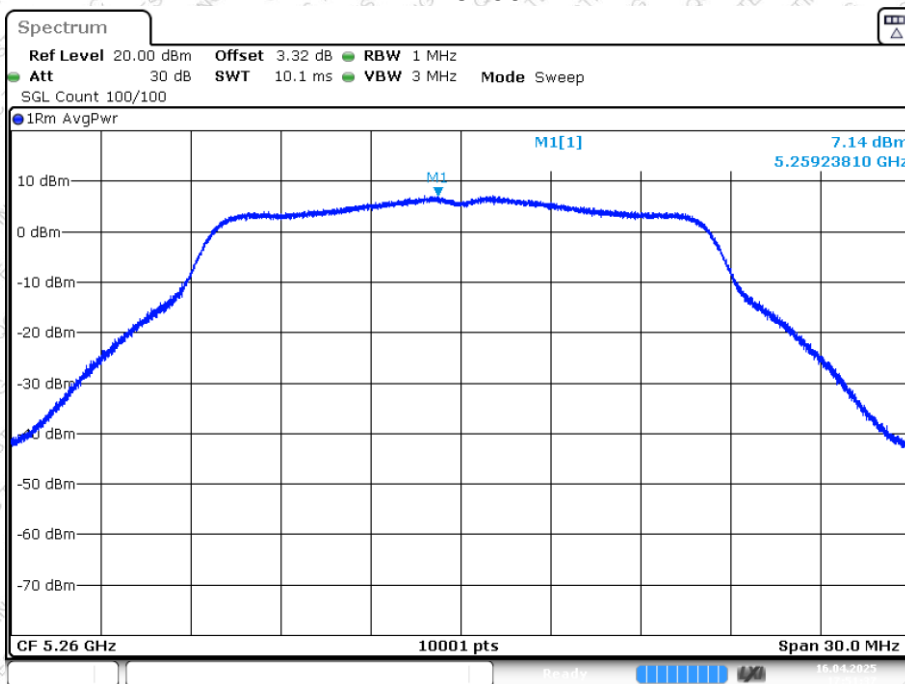


PSD NVNT a 5240MHz Ant1



Date: 16.APR.2025 17:48:40

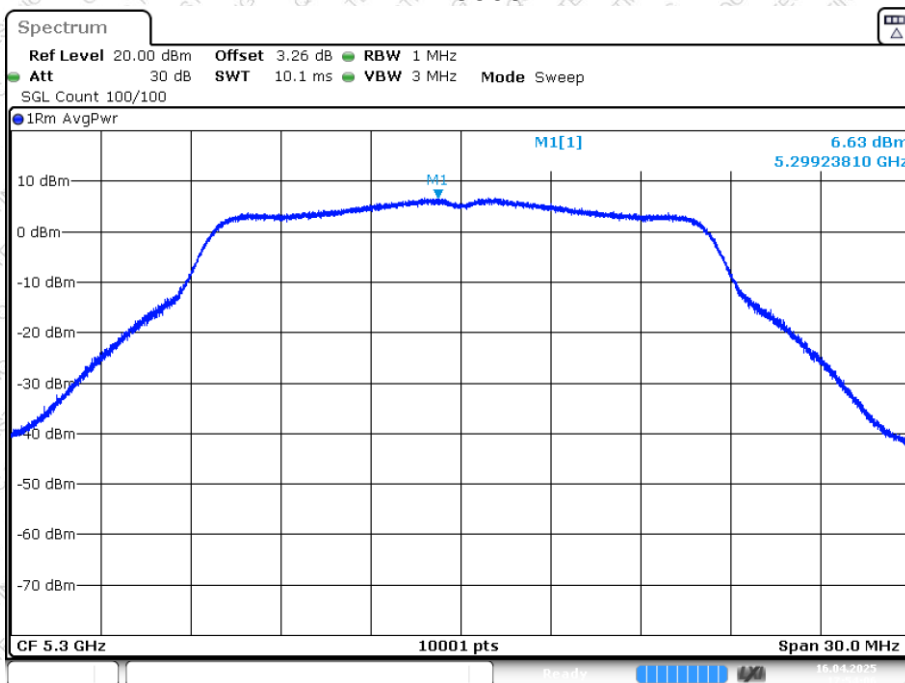
PSD NVNT a 5260MHz Ant1



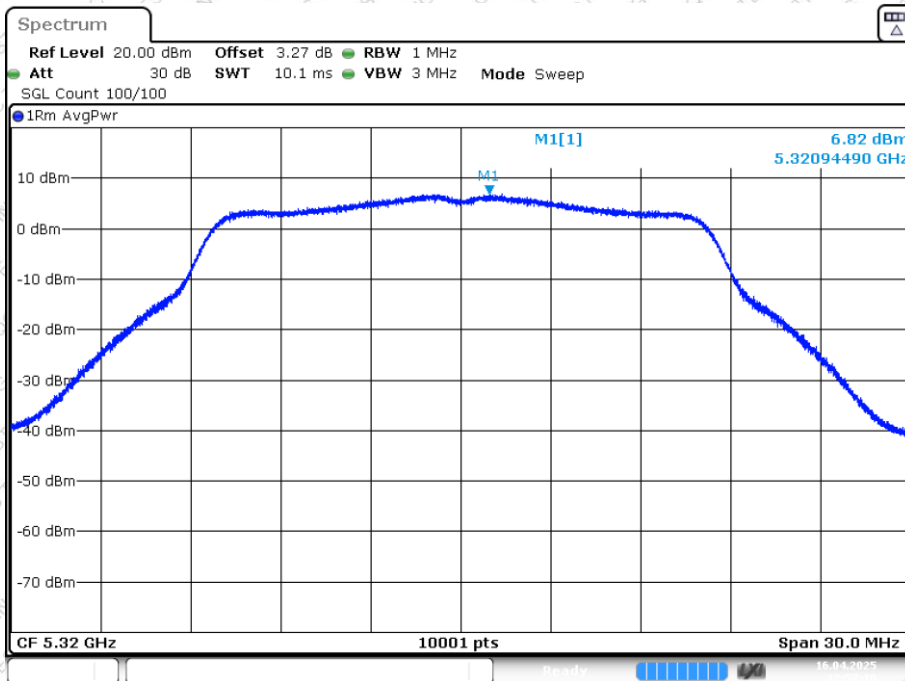
Date: 16.APR.2025 17:51:38



PSD NVNT a 5300MHz Ant1

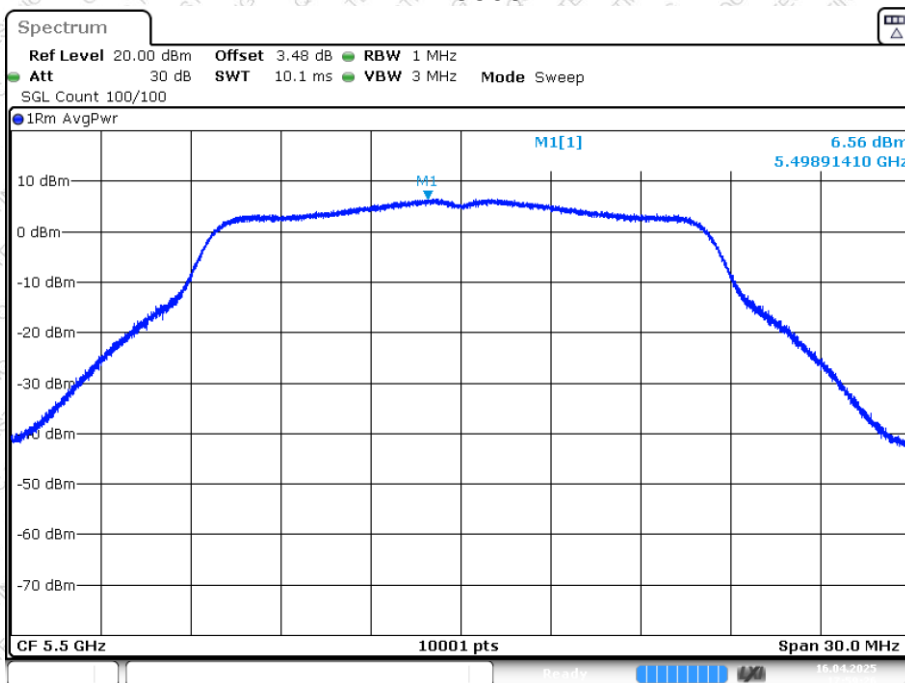


PSD NVNT a 5320MHz Ant1



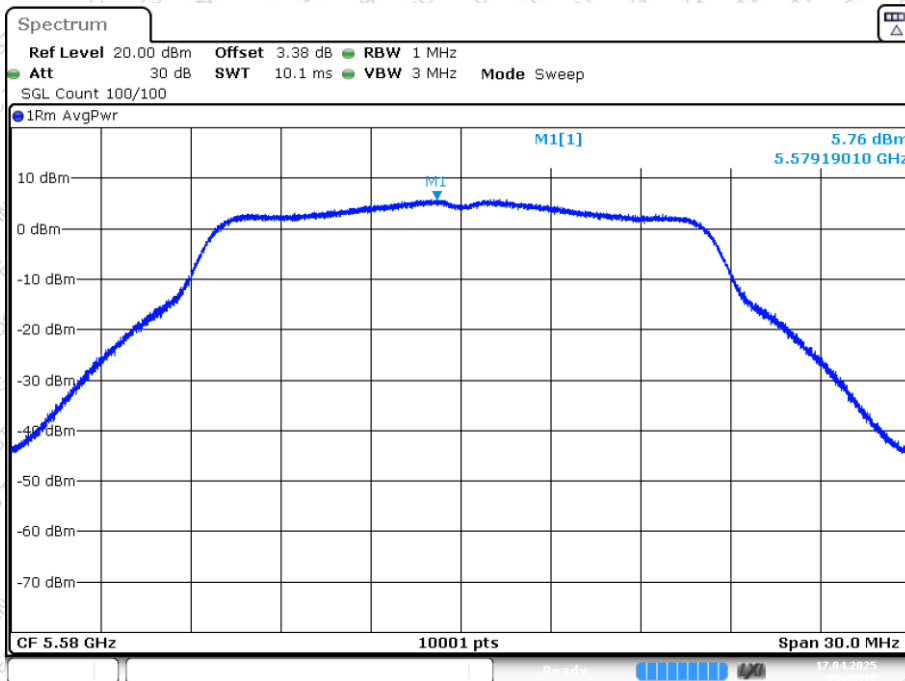


PSD NVNT a 5500MHz Ant1



Date: 16.APR.2025 17:59:26

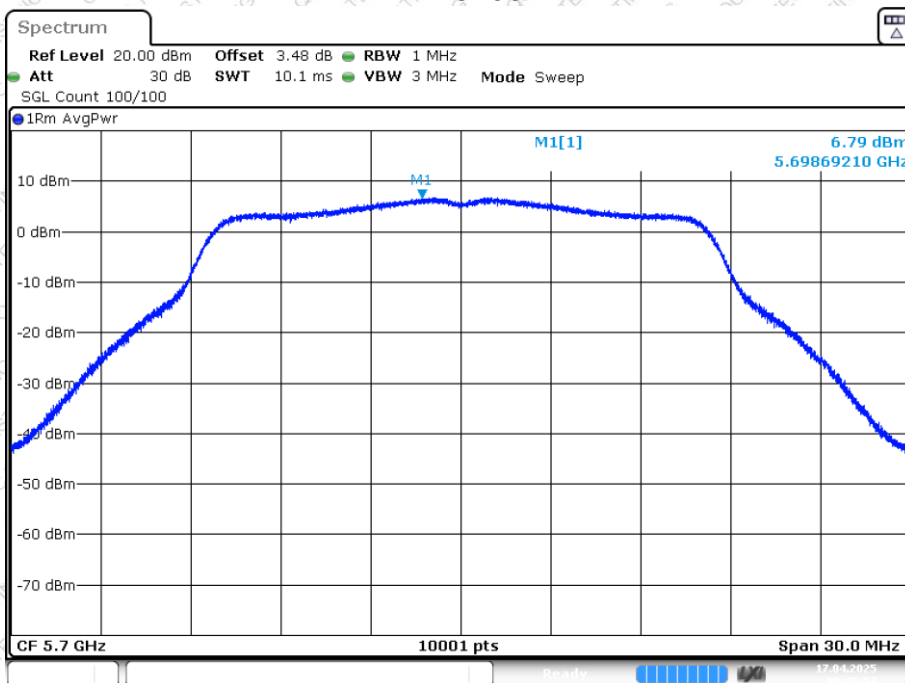
PSD NVNT a 5580MHz Ant1



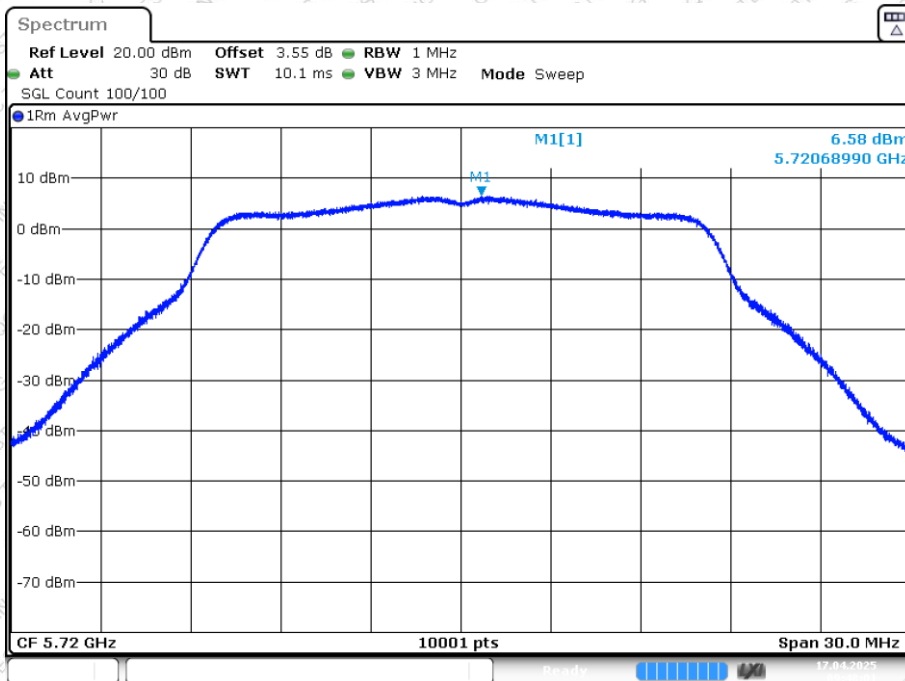
Date: 17.APR.2025 09:43:17



PSD NVNT a 5700MHz Ant1

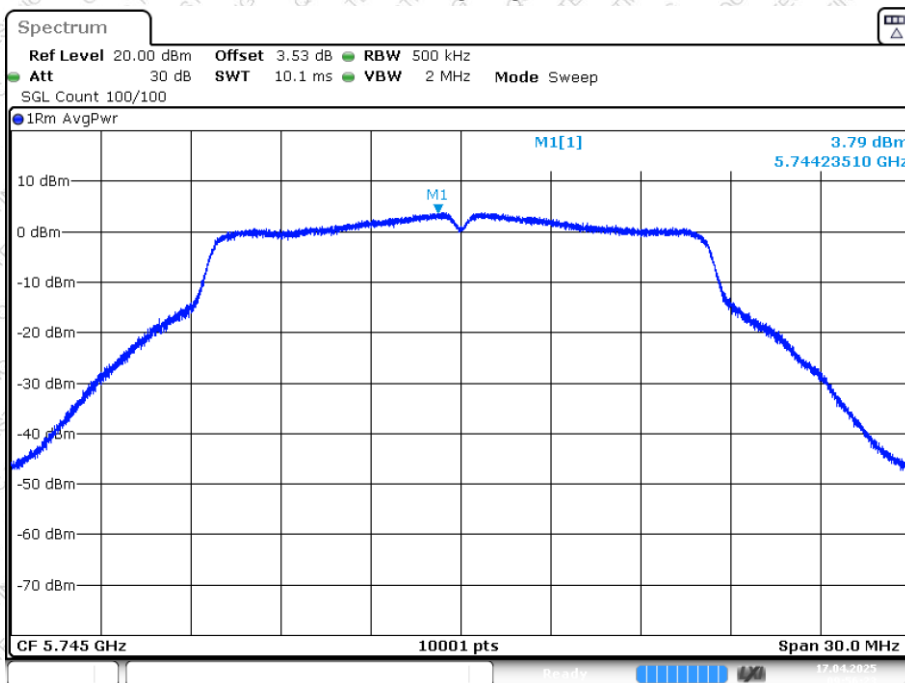


PSD NVNT a 5720MHz Ant1

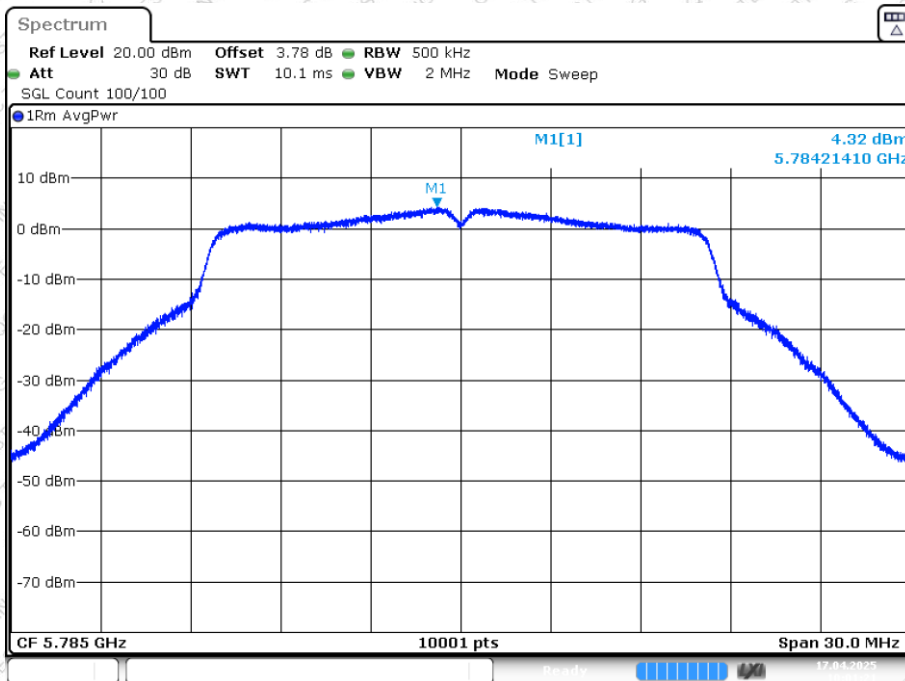




PSD NVNT a 5745MHz Ant1

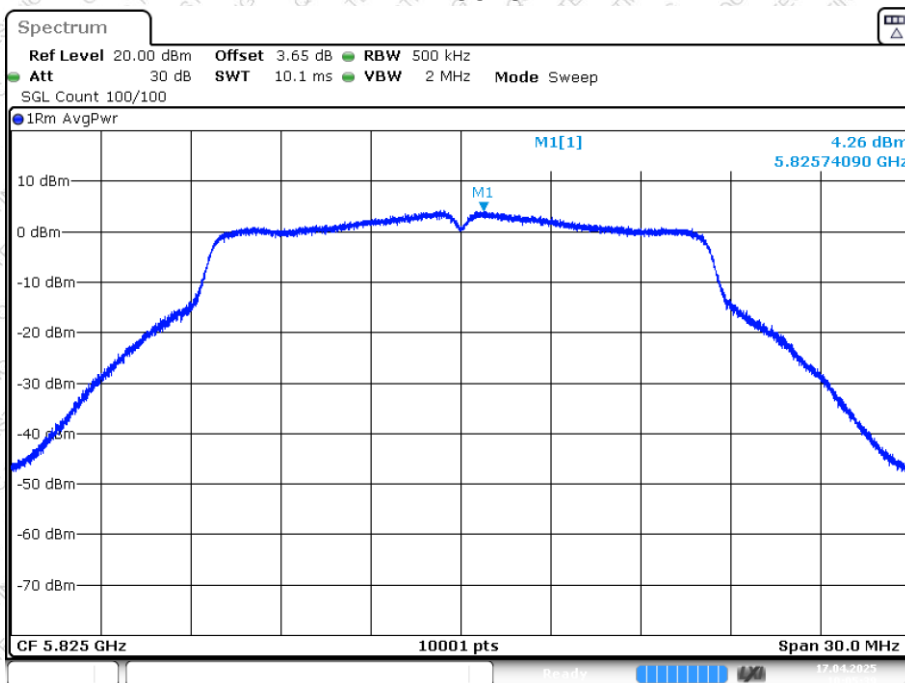


PSD NVNT a 5785MHz Ant1



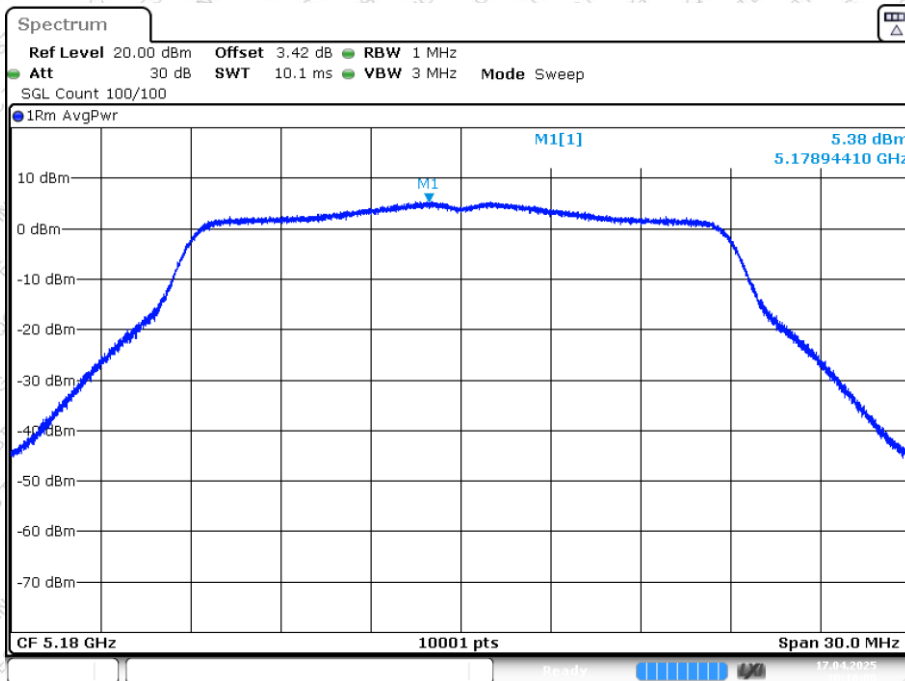


PSD NVNT a 5825MHz Ant1



Date: 17. APR 2025 10:05:39

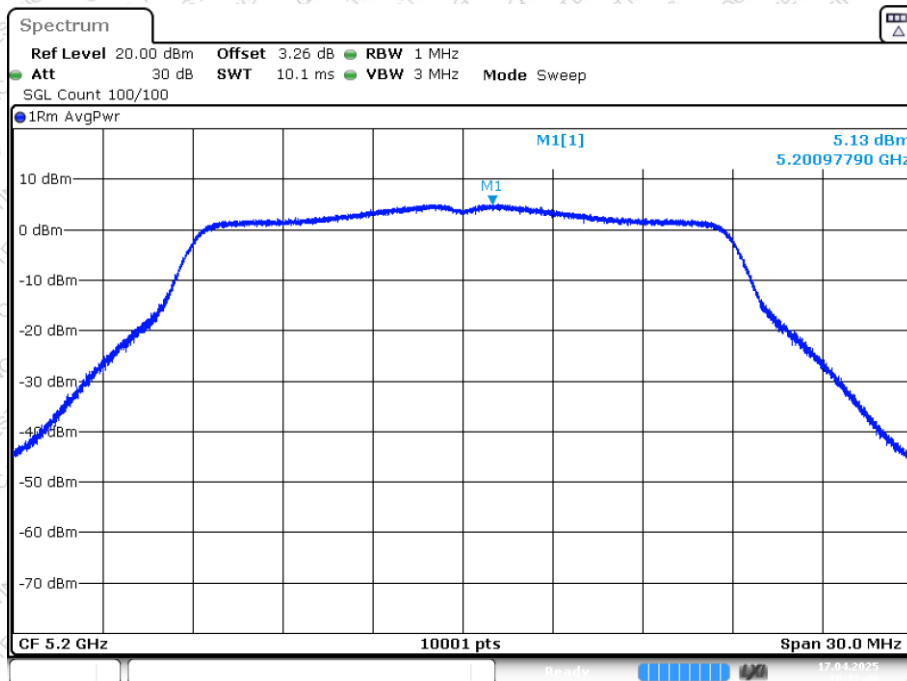
PSD NVNT n20 5180MHz Ant1



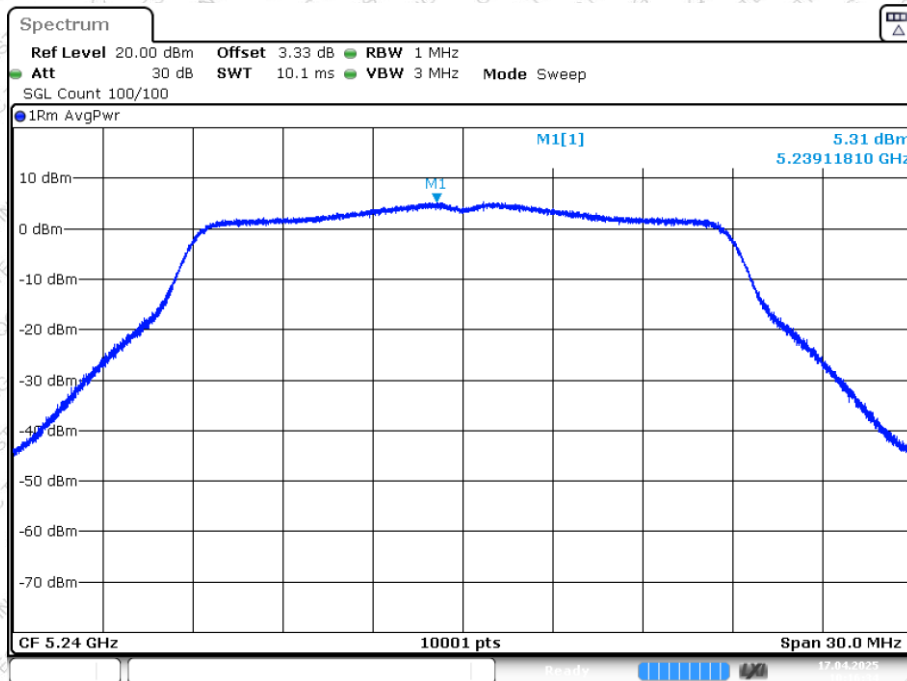
Date: 17. APR 2025 10:10:01



PSD NVNT n20 5200MHz Ant1

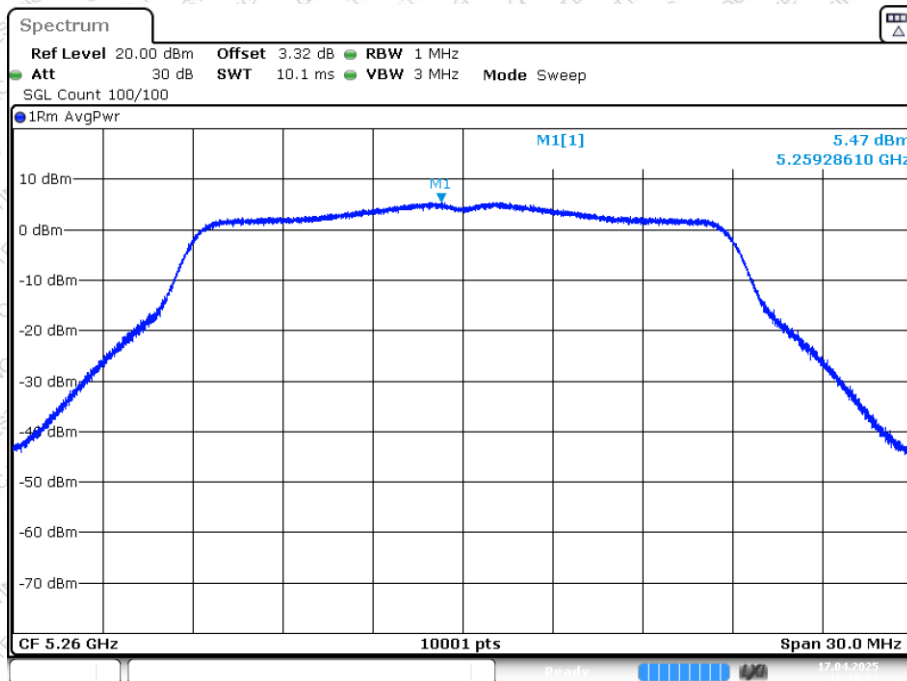


PSD NVNT n20 5240MHz Ant1

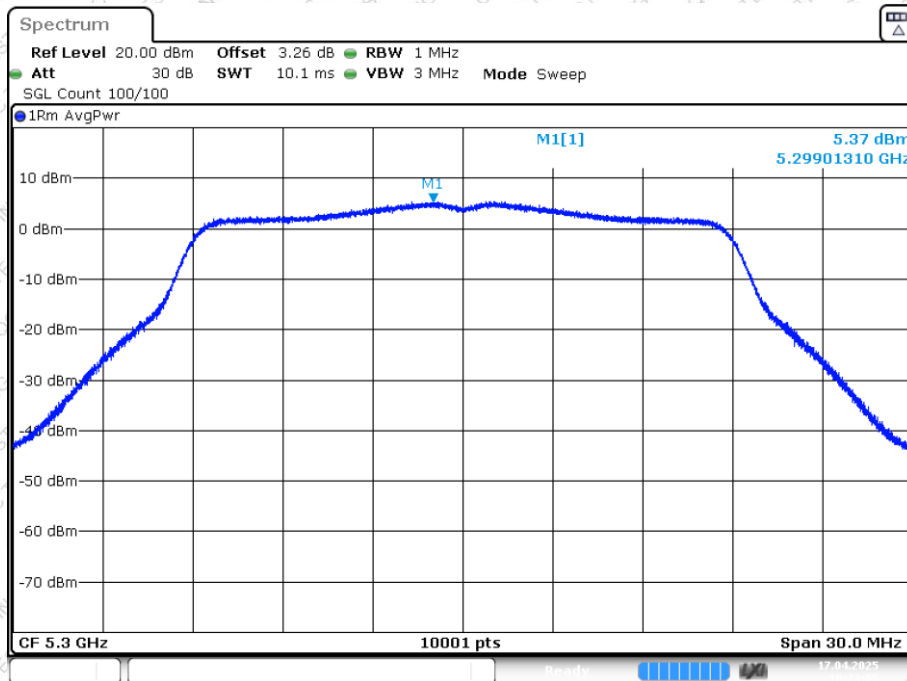




PSD NVNT n20 5260MHz Ant1

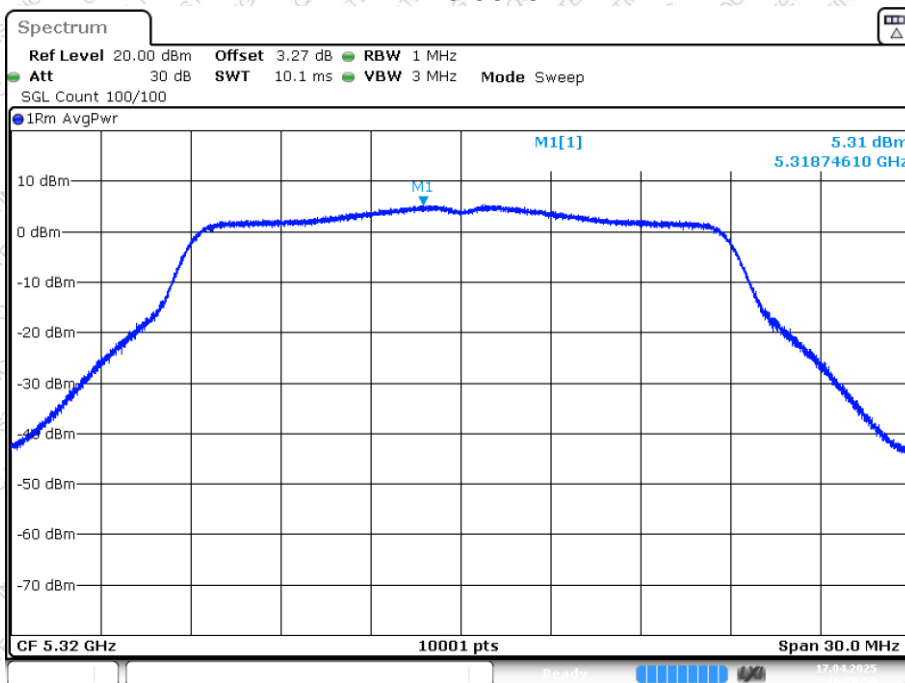


PSD NVNT n20 5300MHz Ant1

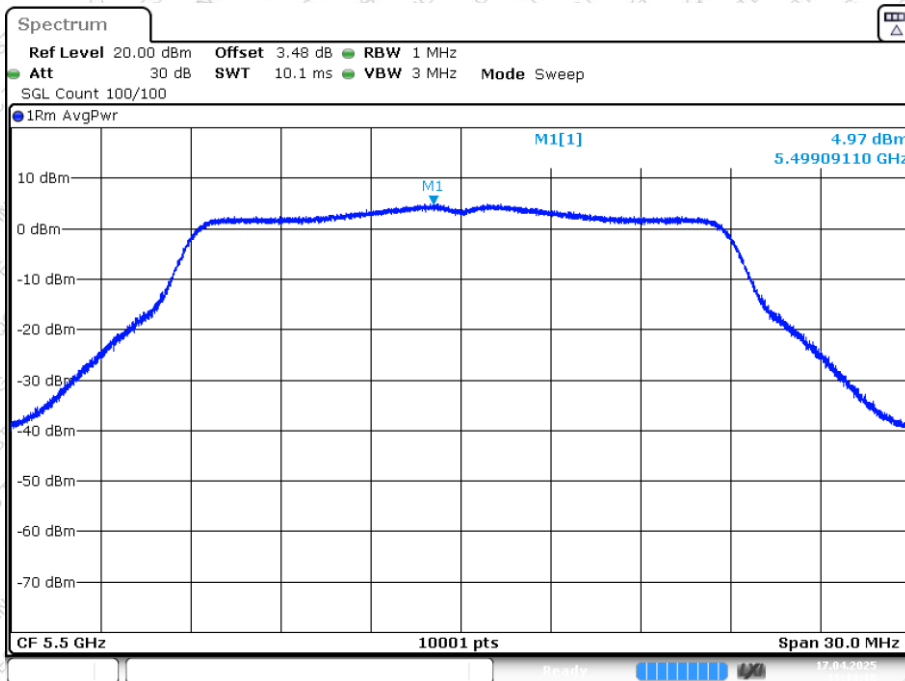




PSD NVNT n20 5320MHz Ant1

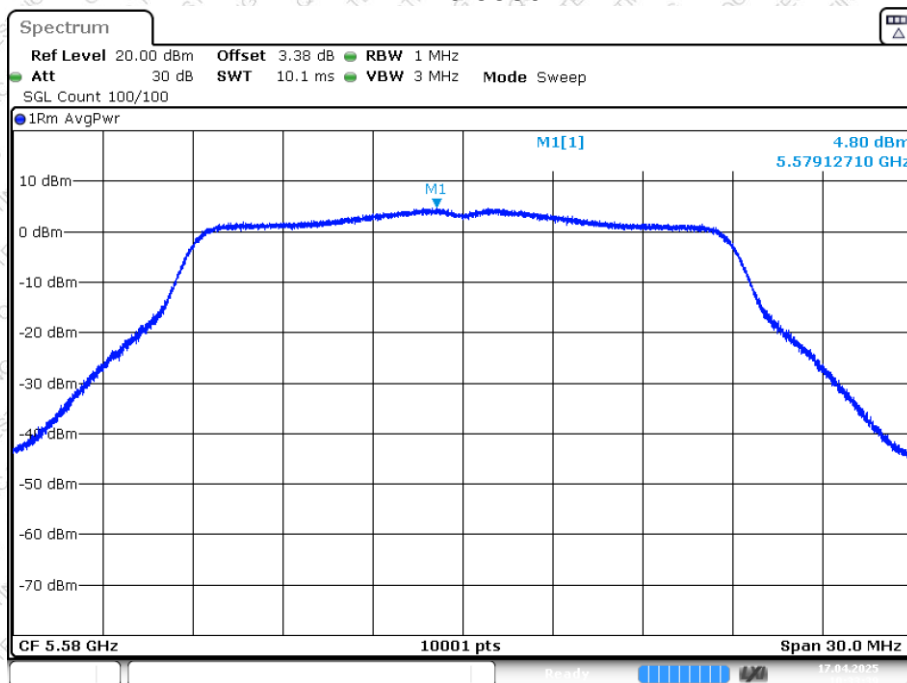


PSD NVNT n20 5500MHz Ant1

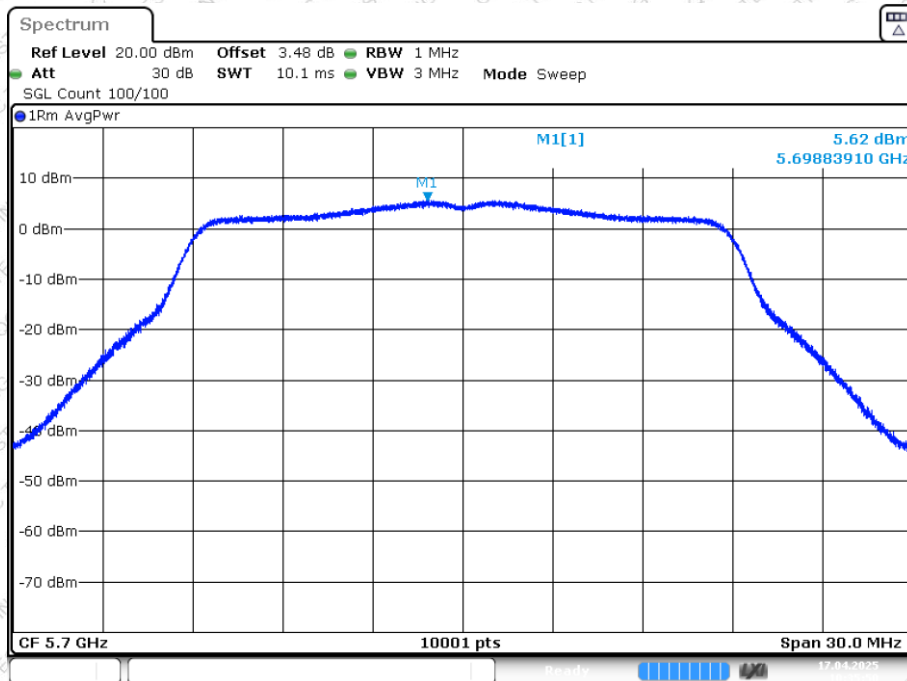




PSD NVNT n20 5580MHz Ant1

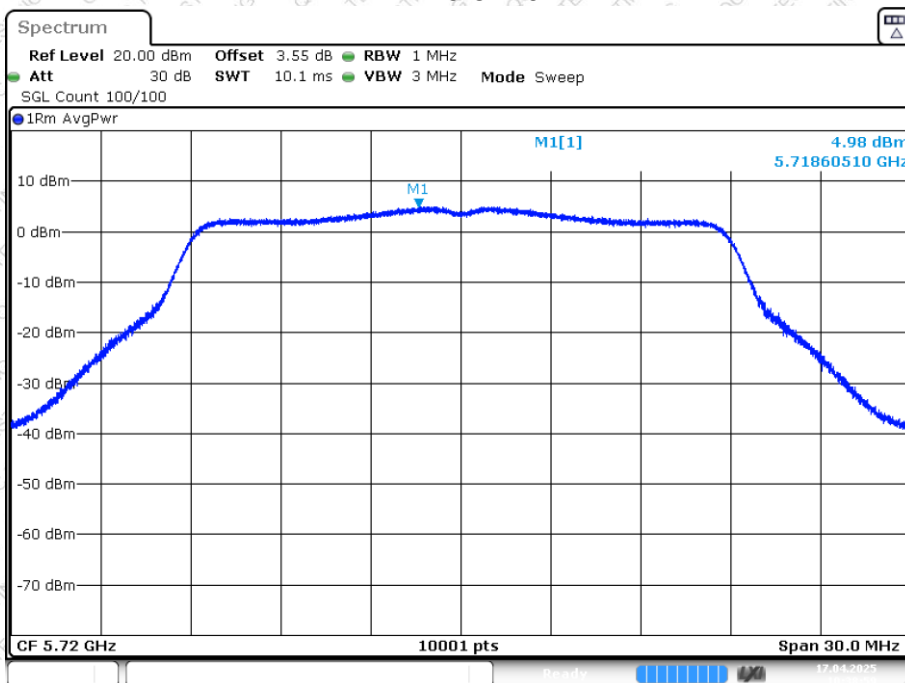


PSD NVNT n20 5700MHz Ant1



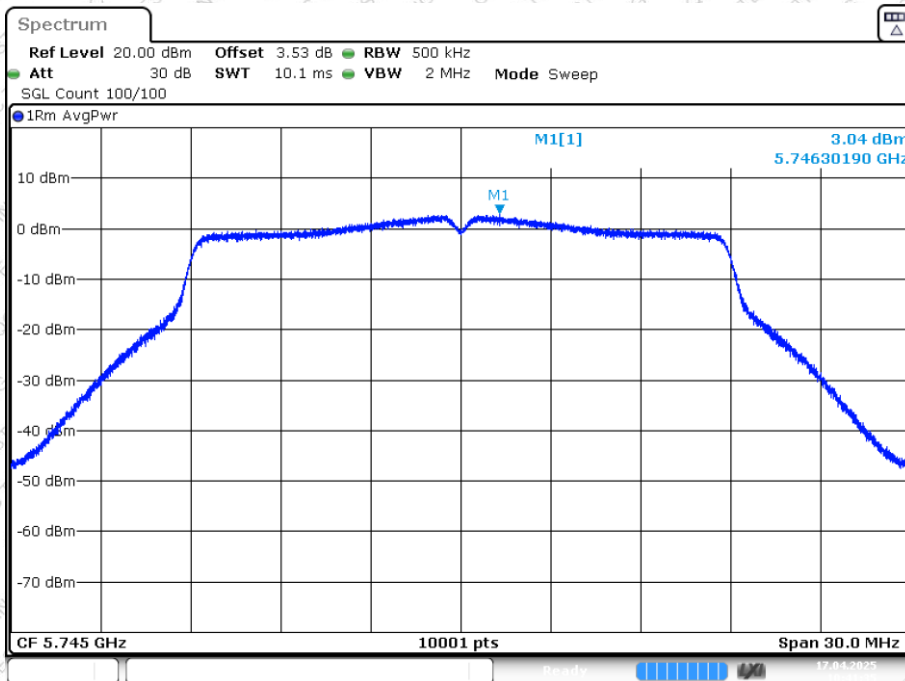


PSD NVNT n20 5720MHz Ant1



Date: 17. APR 2025 10:38:59

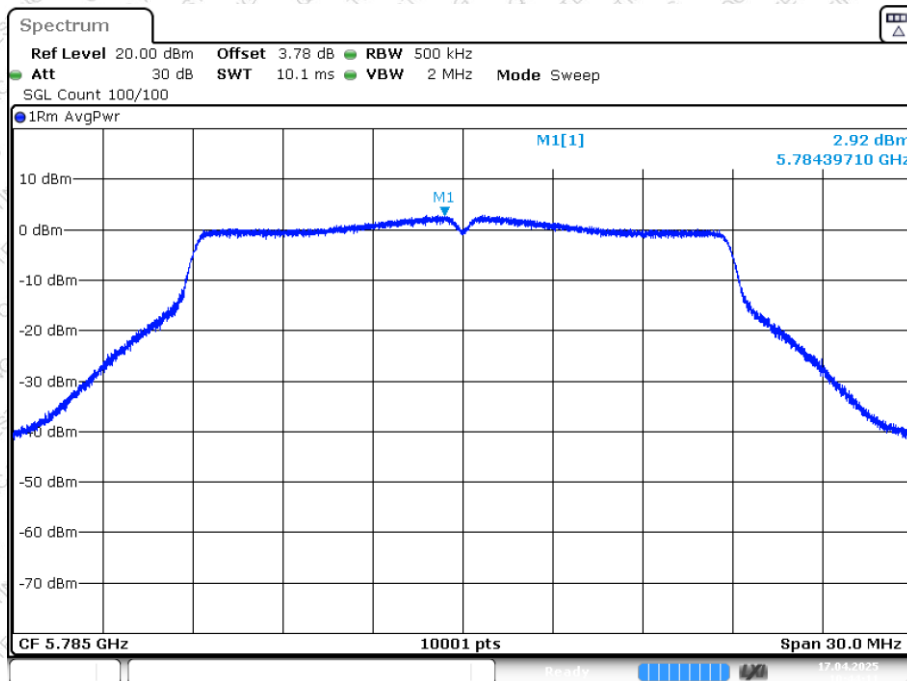
PSD NVNT n20 5745MHz Ant1



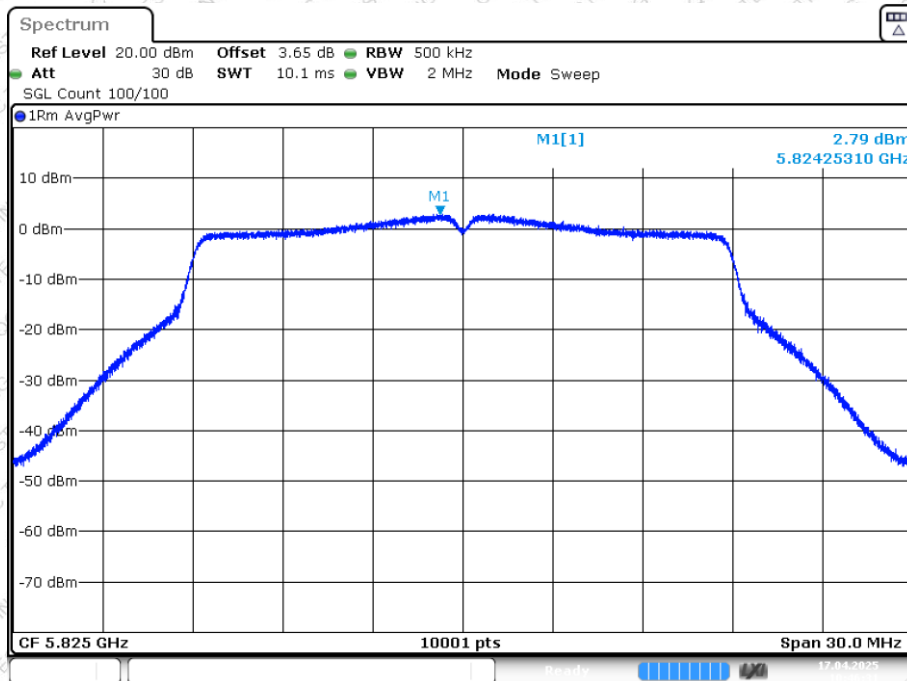
Date: 17. APR 2025 10:41:35



PSD NVNT n20 5785MHz Ant1

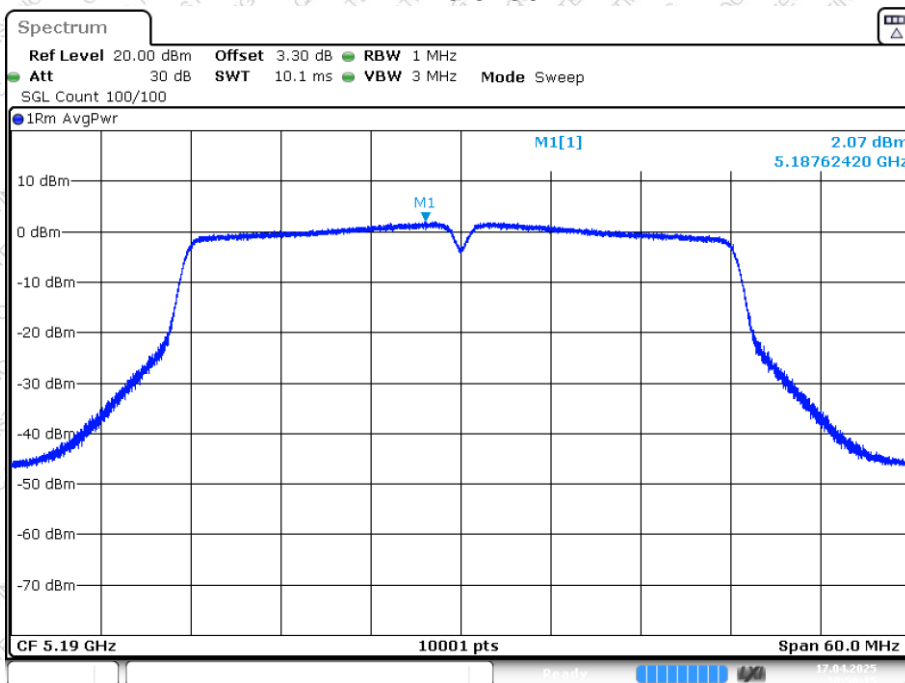


PSD NVNT n20 5825MHz Ant1



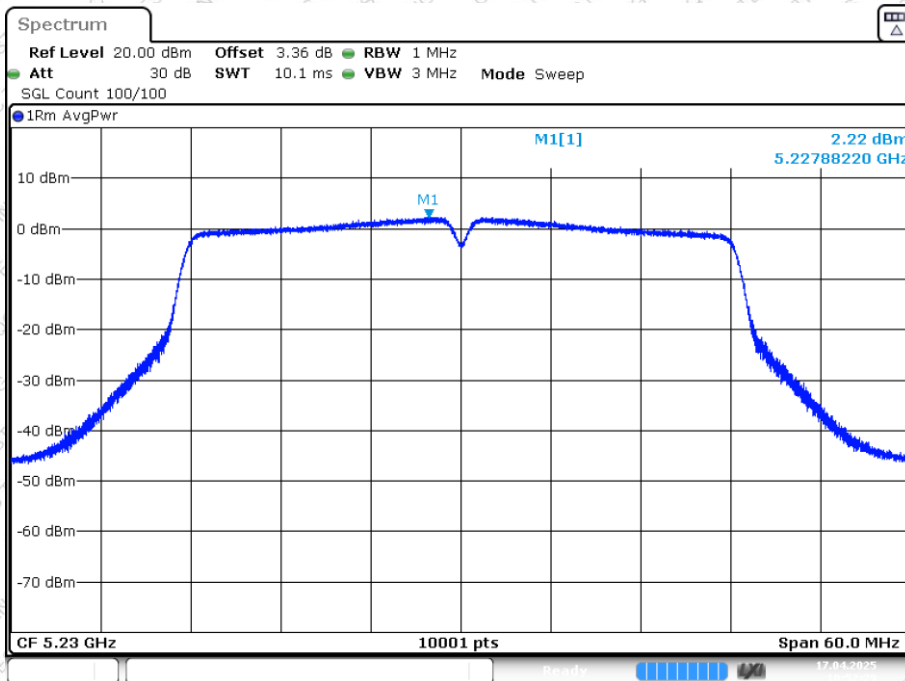


PSD NVNT n40 5190MHz Ant1



Date: 17. APR 2025 10:50:15

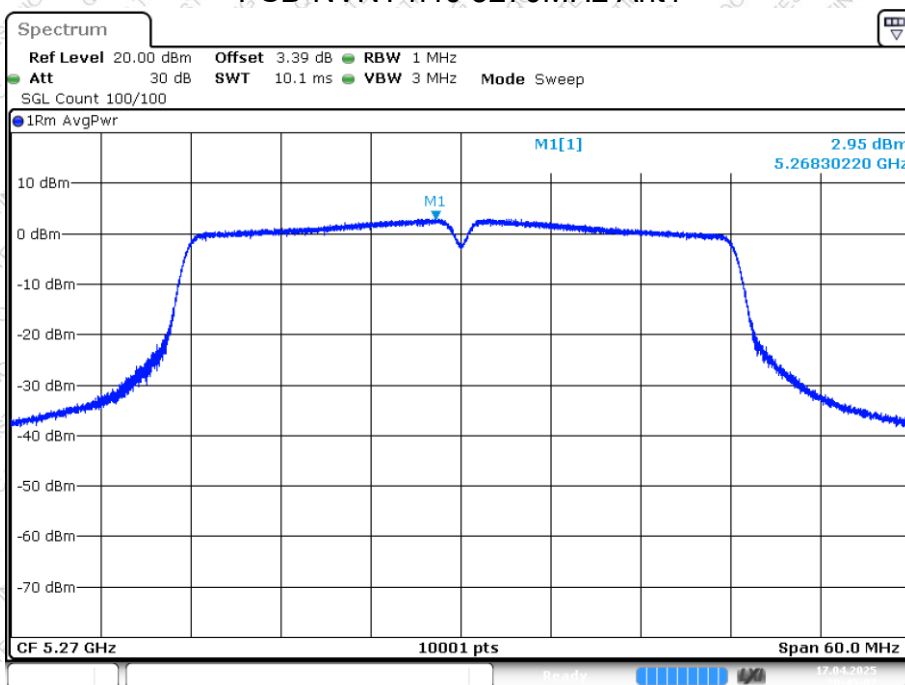
PSD NVNT n40 5230MHz Ant1



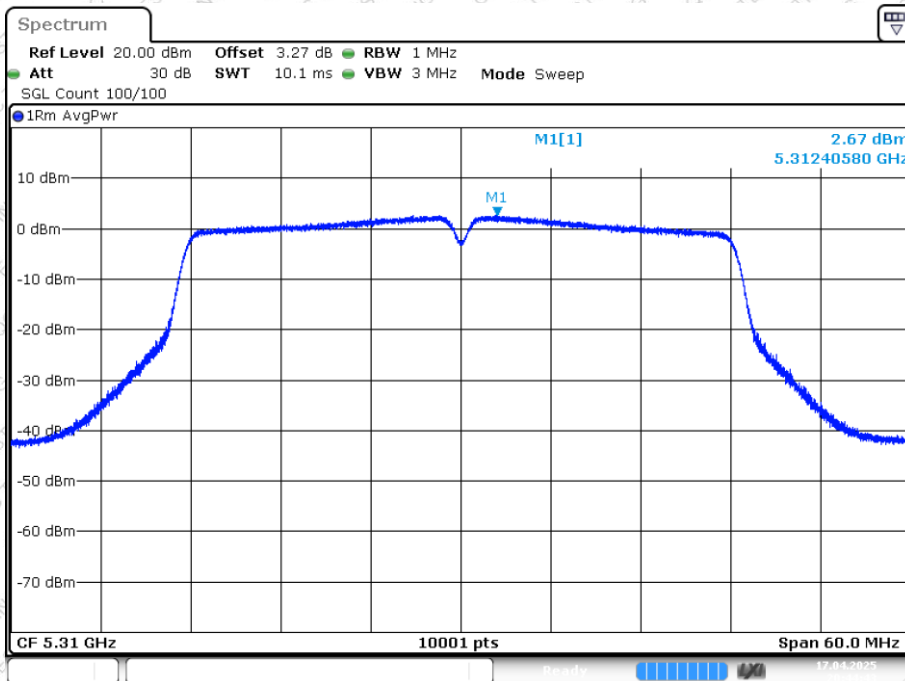
Date: 17. APR 2025 10:52:29



PSD NVNT n40 5270MHz Ant1

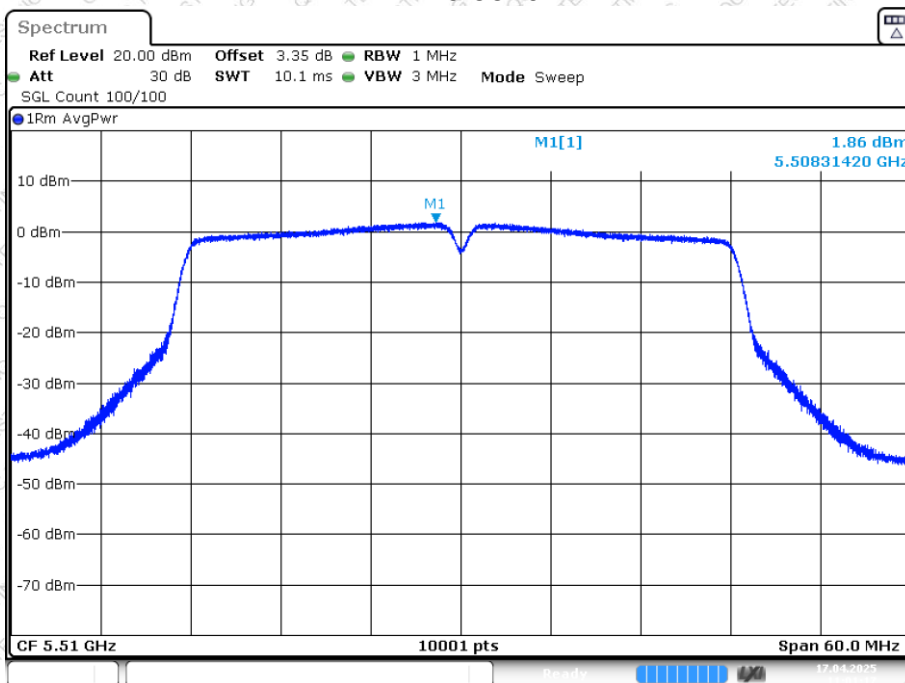


PSD NVNT n40 5310MHz Ant1



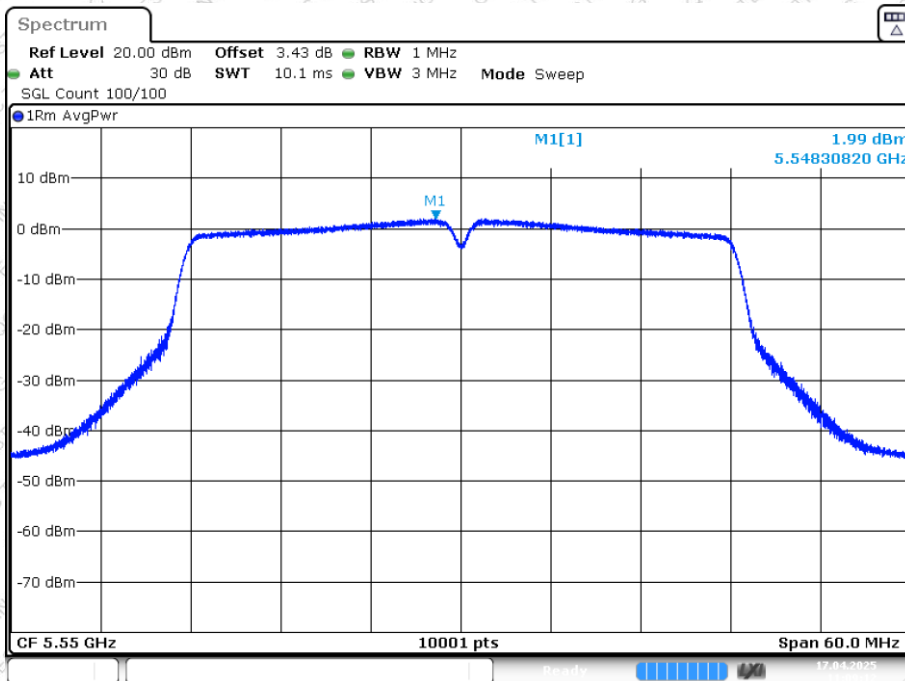


PSD NVNT n40 5510MHz Ant1



Date: 17. APR 2025 11:01:17

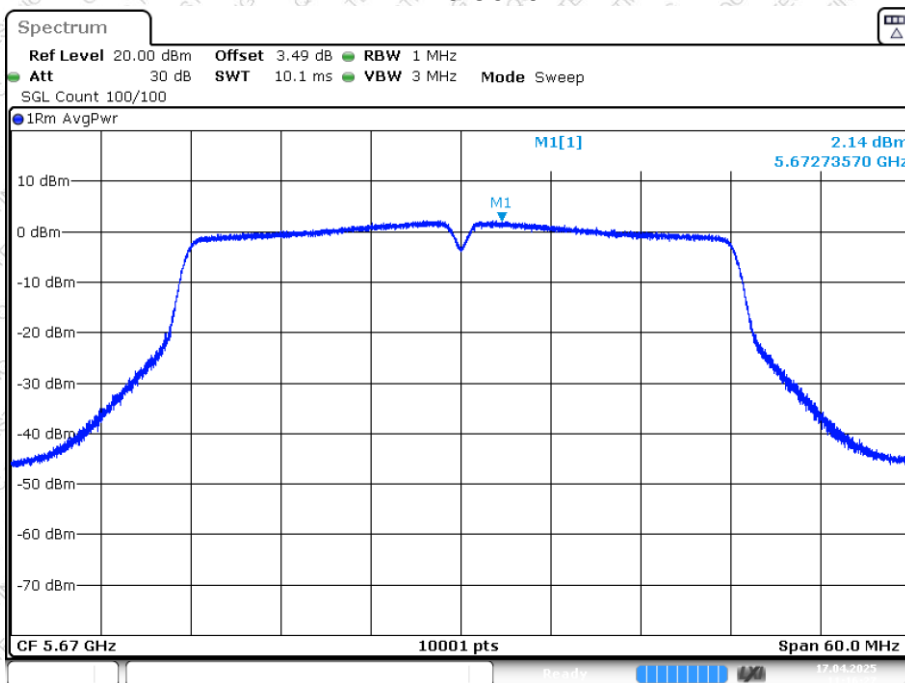
PSD NVNT n40 5550MHz Ant1



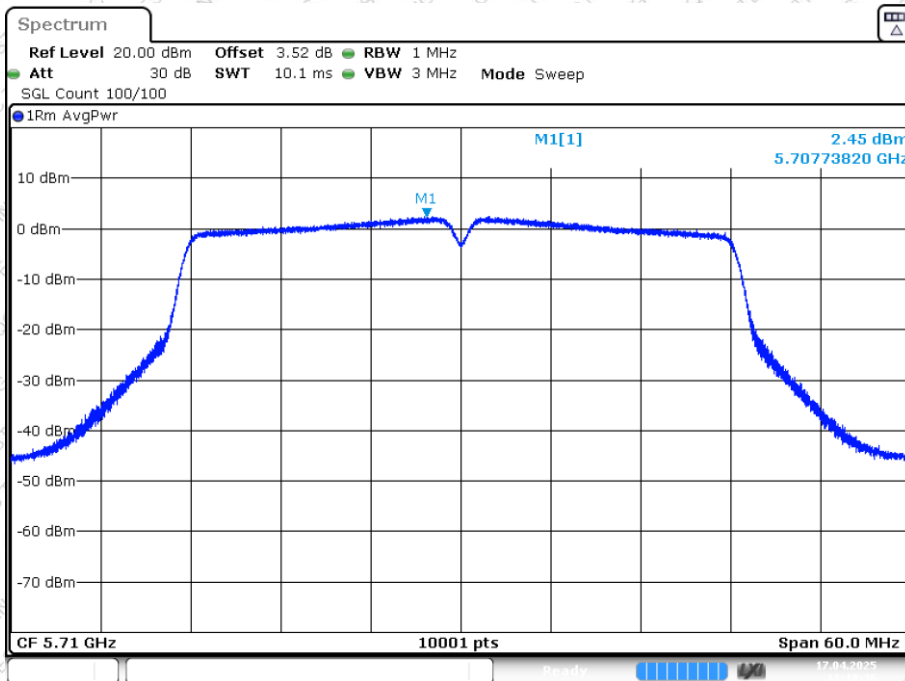
Date: 17. APR 2025 11:09:13



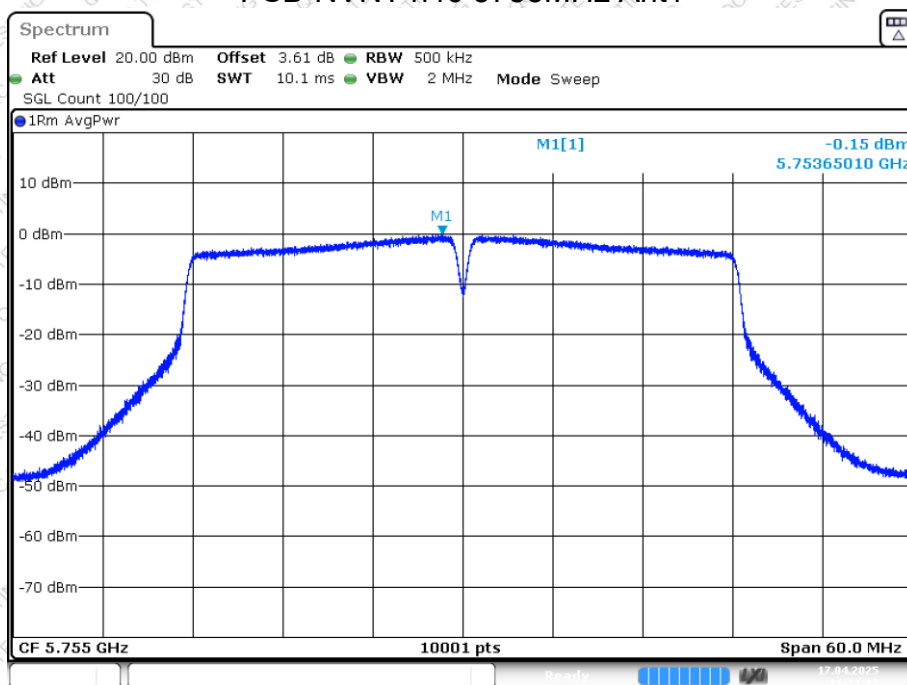
PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5710MHz Ant1

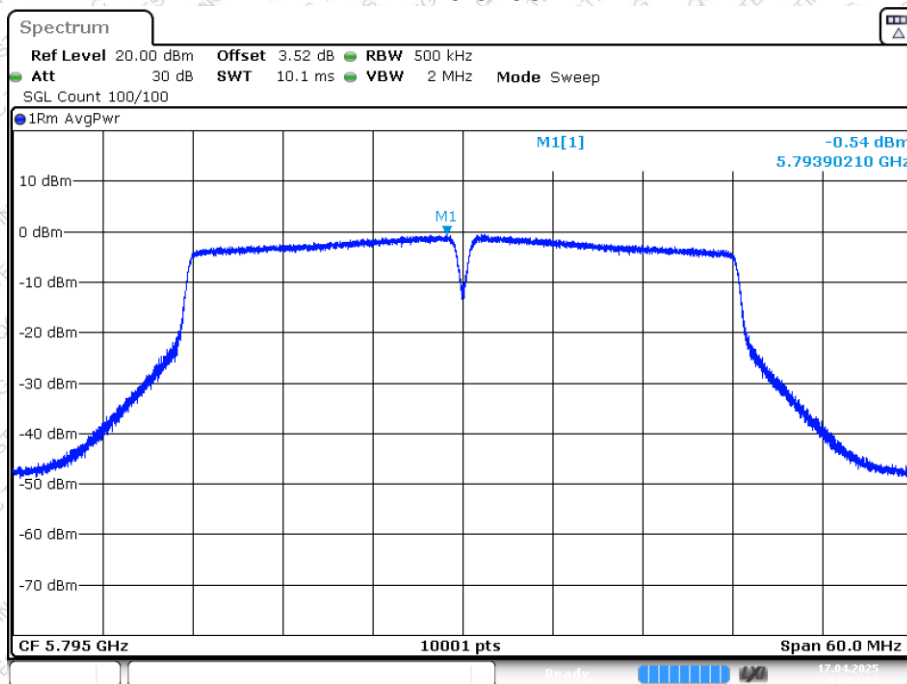


PSD NVNT n40 5755MHz Ant1



Date: 17.APR.2025 11:21:12

PSD NVNT n40 5795MHz Ant1



Date: 17.APR.2025 11:24:56