

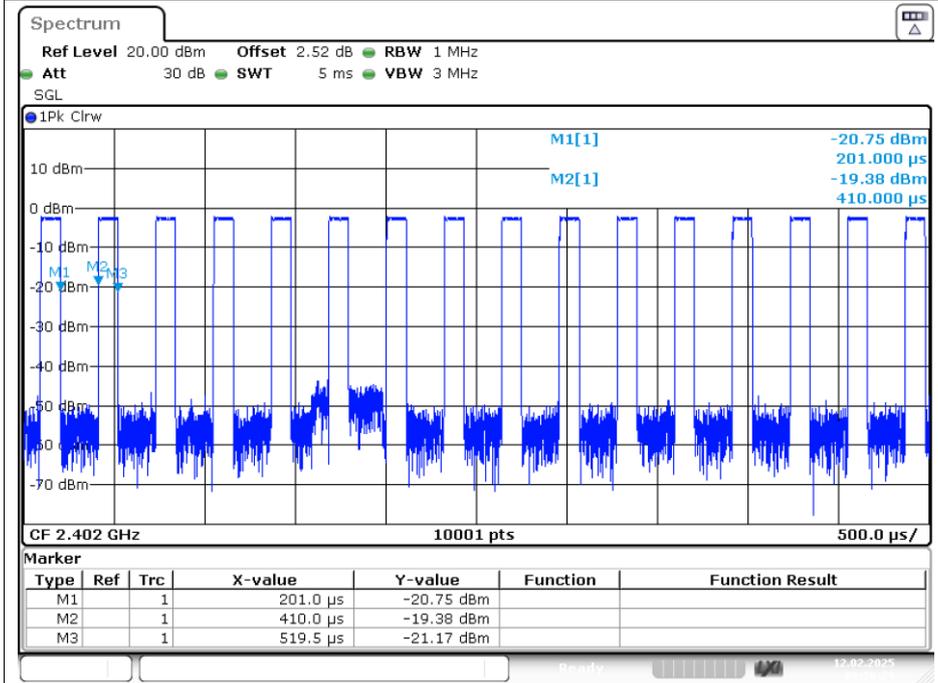
Appendix A

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Final settingFor VBW (kHz)
NVNT	BLE 1M	2402	Ant1	0.11	0.32	34.38	4.64	9.13	1
NVNT	BLE 1M	2440	Ant1	0.11	0.32	34.38	4.64	9.17	1
NVNT	BLE 1M	2480	Ant1	0.11	0.32	34.38	4.64	9.13	1

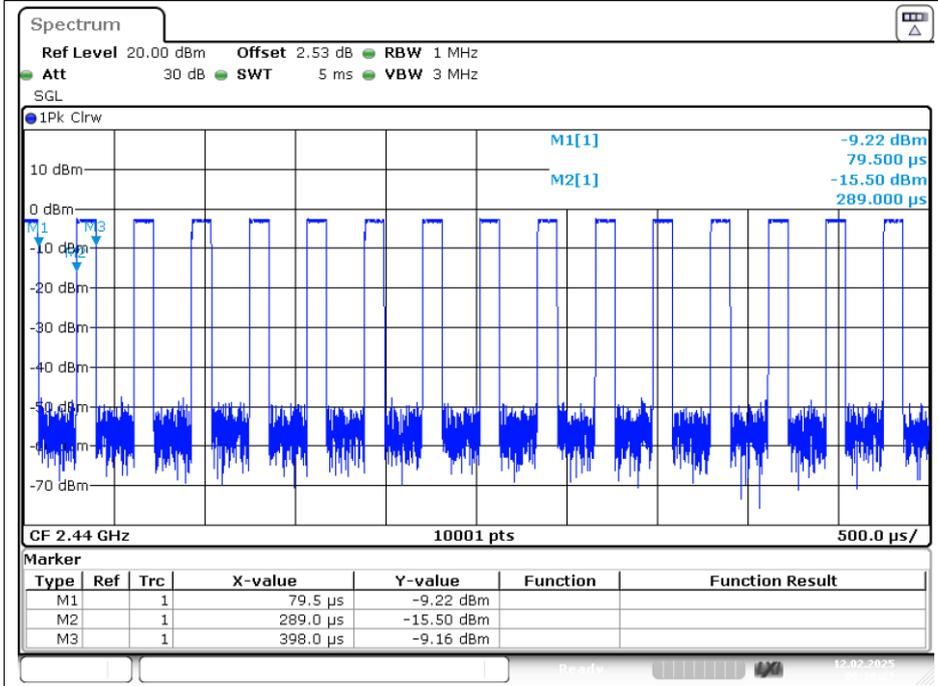
Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant1



Date: 12.FEB.2025 09:26:29

Duty Cycle NVNT BLE 1M 2440MHz Ant1



Date: 12.FEB.2025 09:30:22

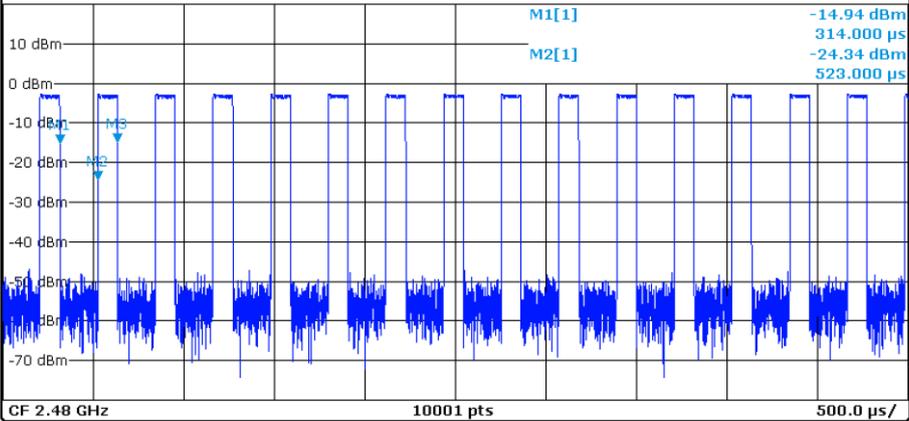
Duty Cycle NVNT BLE 1M 2480MHz Ant1

Spectrum [Icons]

Ref Level 20.00 dBm Offset 2.55 dB RBW 1 MHz
 Att 30 dB SWT 5 ms VBW 3 MHz

SGL

IPk Clrw



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	314.0 μs	-14.94 dBm		
M2		1	523.0 μs	-24.34 dBm		
M3		1	632.5 μs	-14.86 dBm		

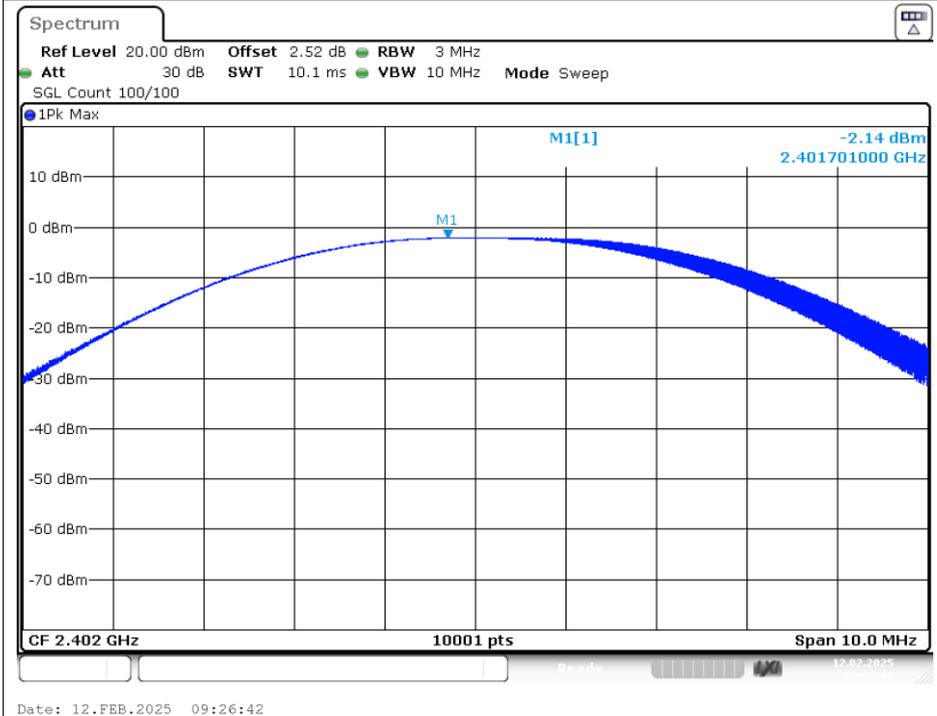
Date: 12.FEB.2025 09:32:12

Maximum Conducted Output Power

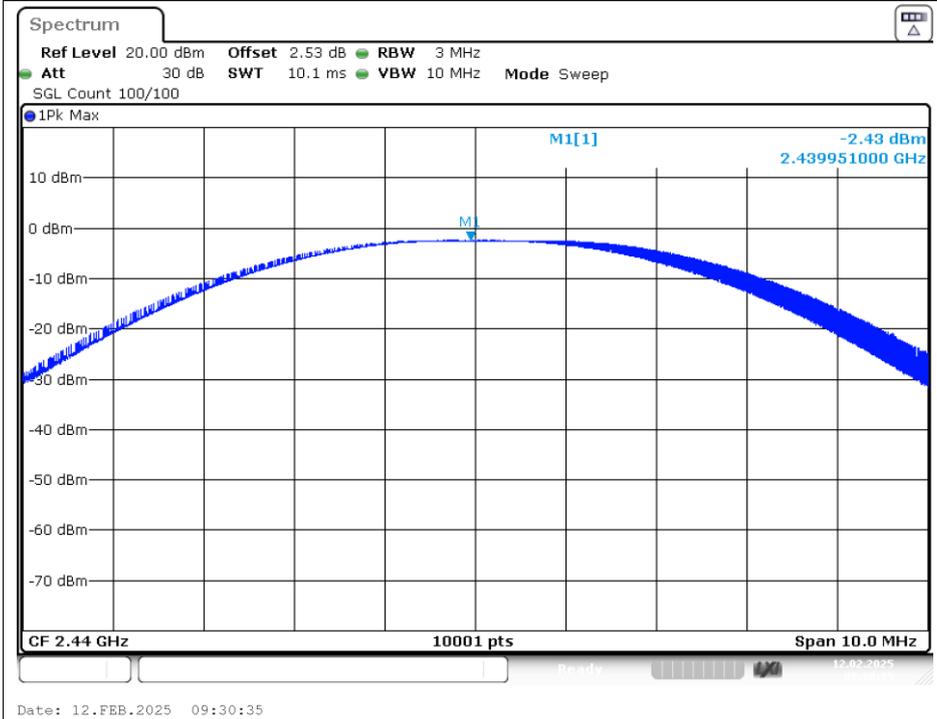
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-2.14	30	Pass
NVNT	BLE 1M	2440	Ant1	-2.43	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.72	30	Pass

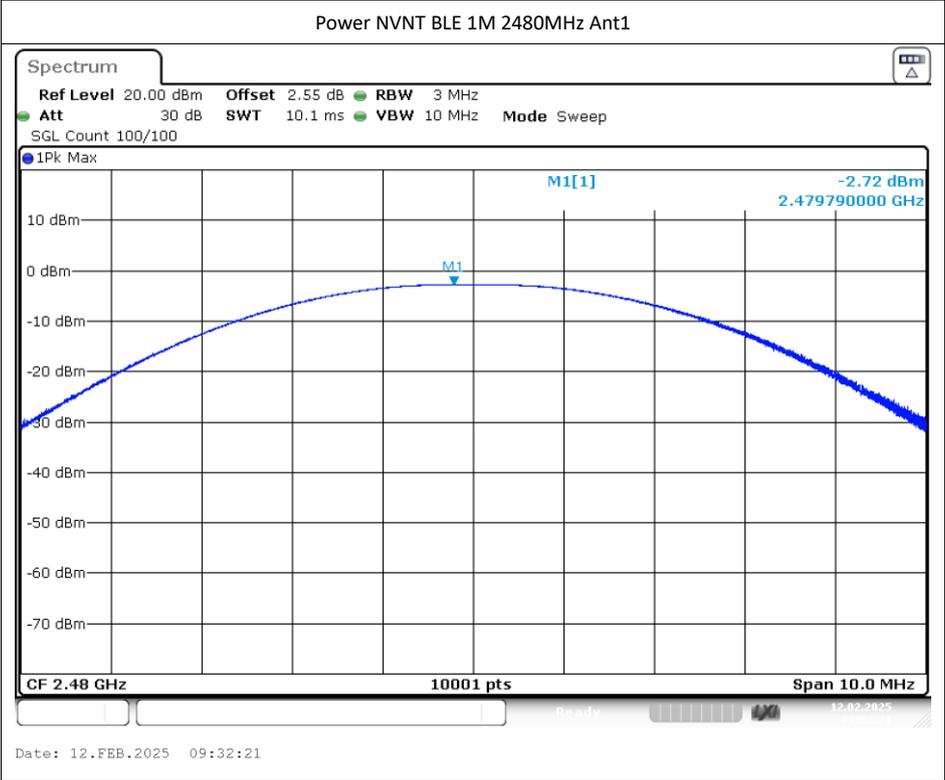
Test Graphs

Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1



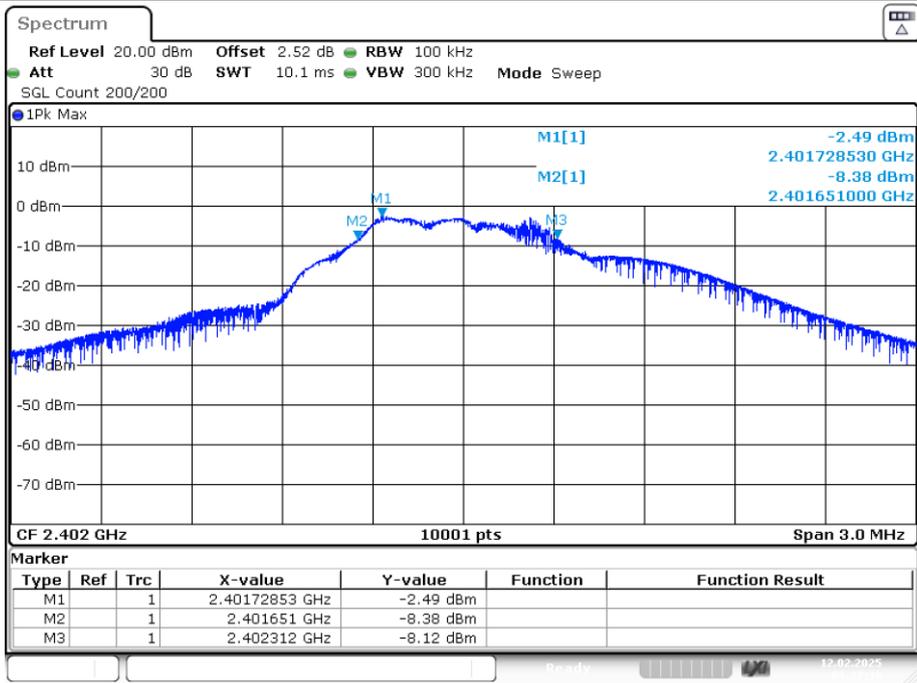


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.66	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.78	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.66	0.5	Pass

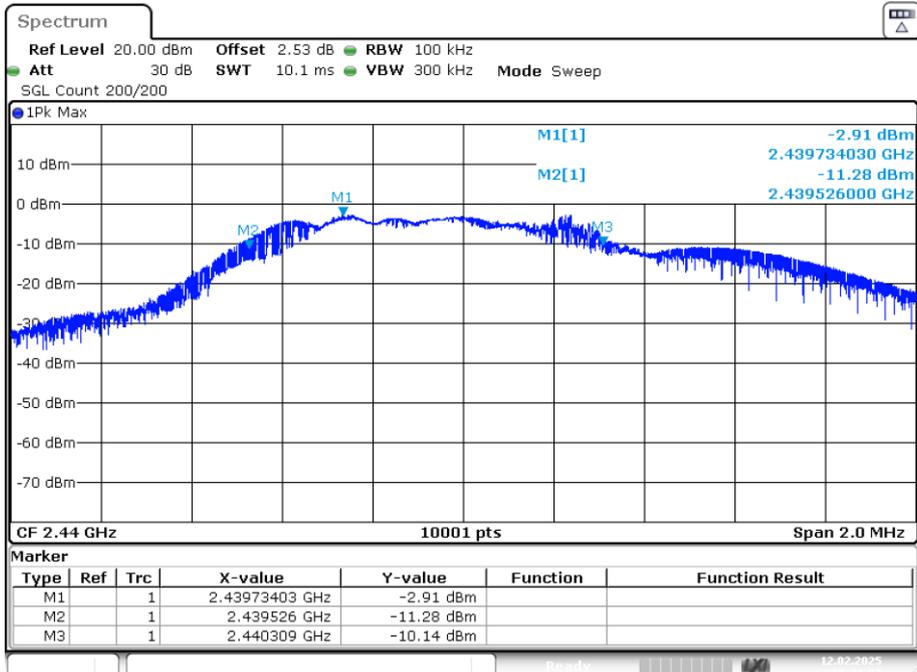
Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



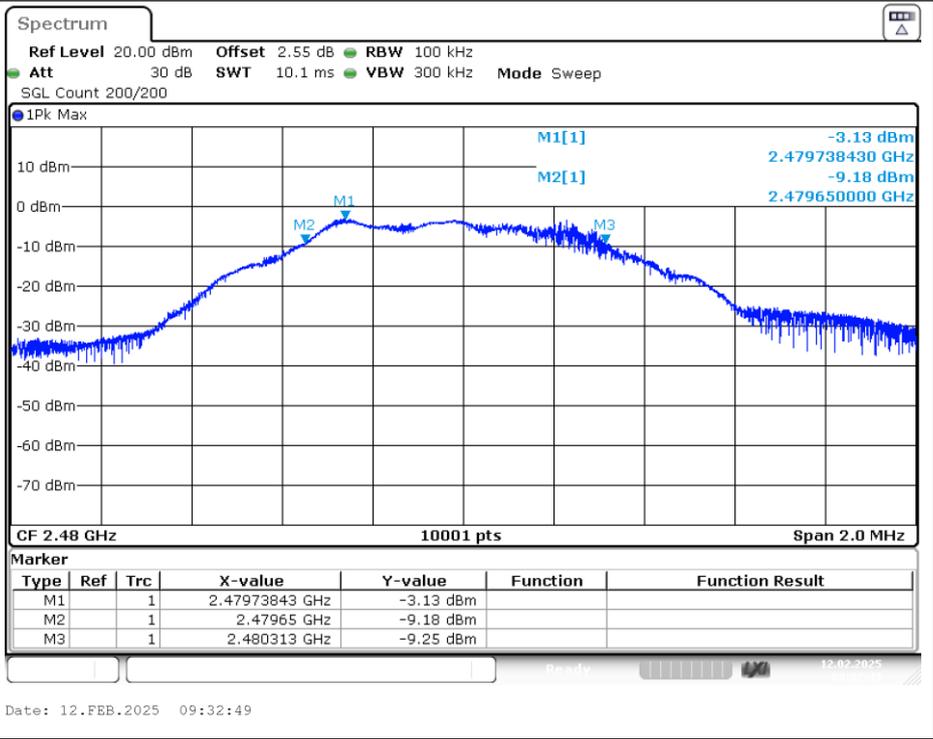
Date: 12.FEB.2025 09:27:30

-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



Date: 12.FEB.2025 09:31:08

-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

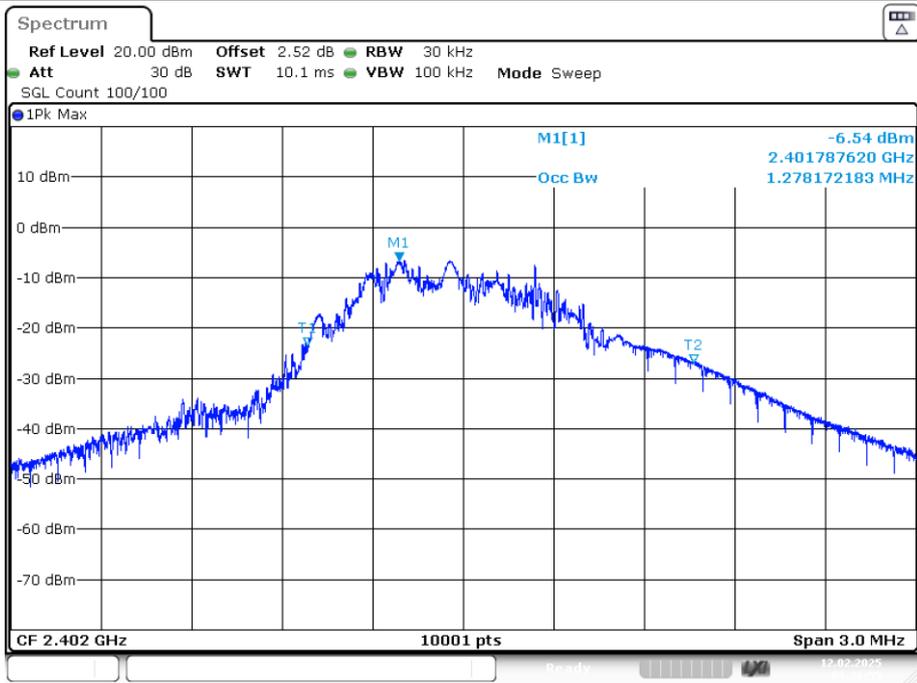


Occupied Channel Bandwidth

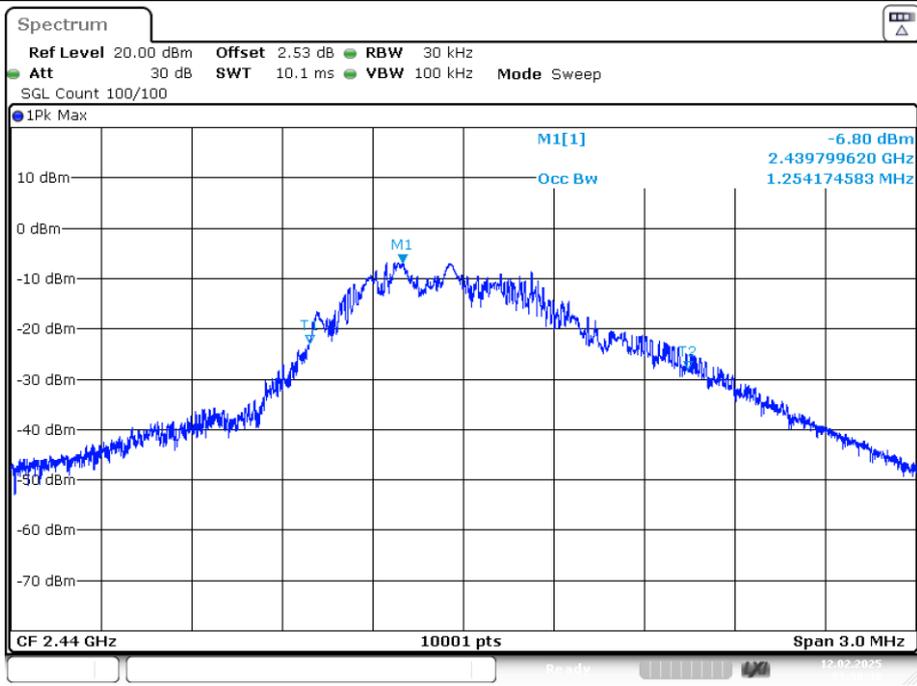
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.278
NVNT	BLE 1M	2440	Ant1	1.254
NVNT	BLE 1M	2480	Ant1	1.014

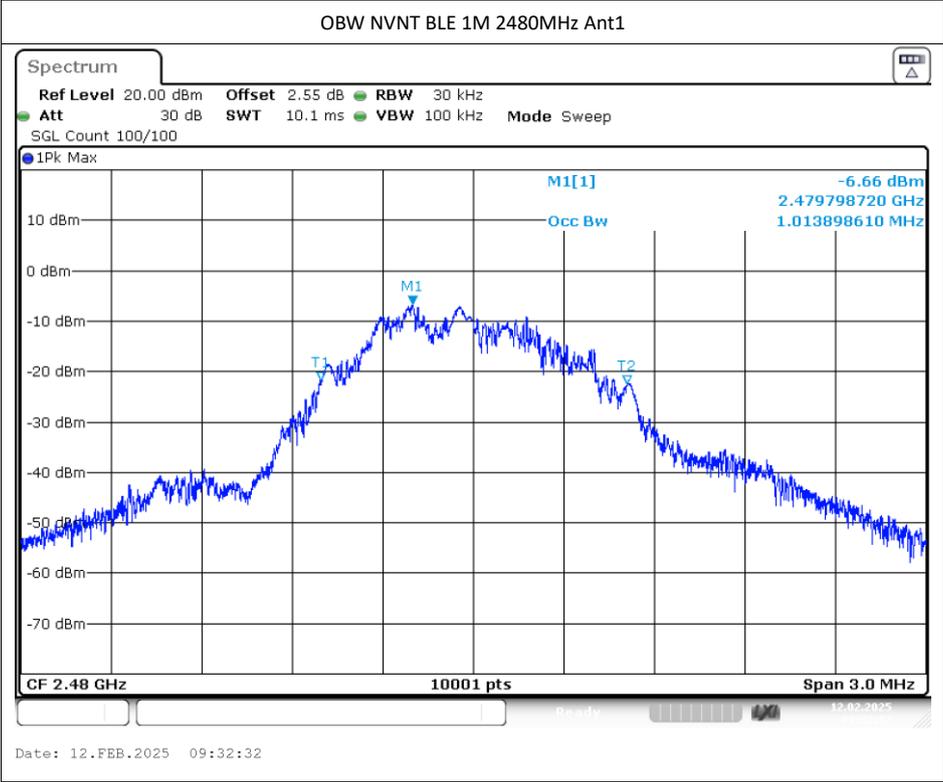
Test Graphs

OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



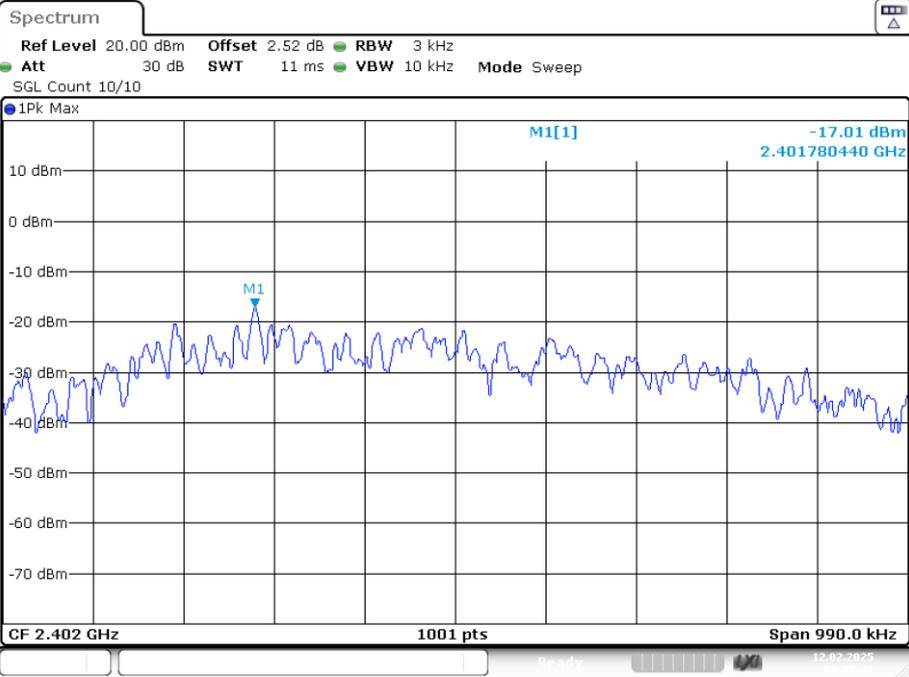


Maximum Power Spectral Density Level

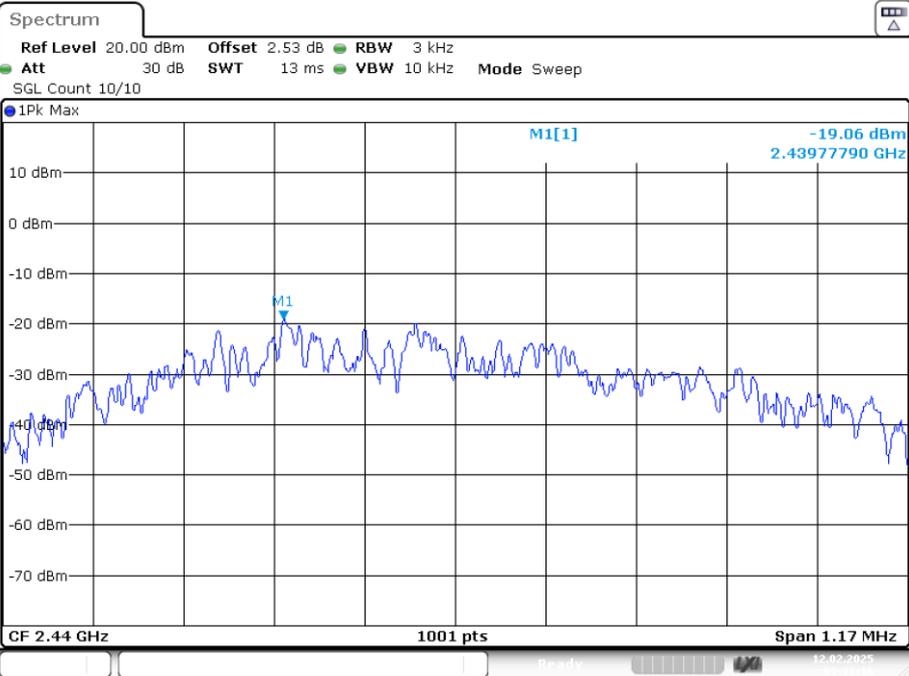
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-17.01	8	Pass
NVNT	BLE 1M	2440	Ant1	-19.06	8	Pass
NVNT	BLE 1M	2480	Ant1	-20.33	8	Pass

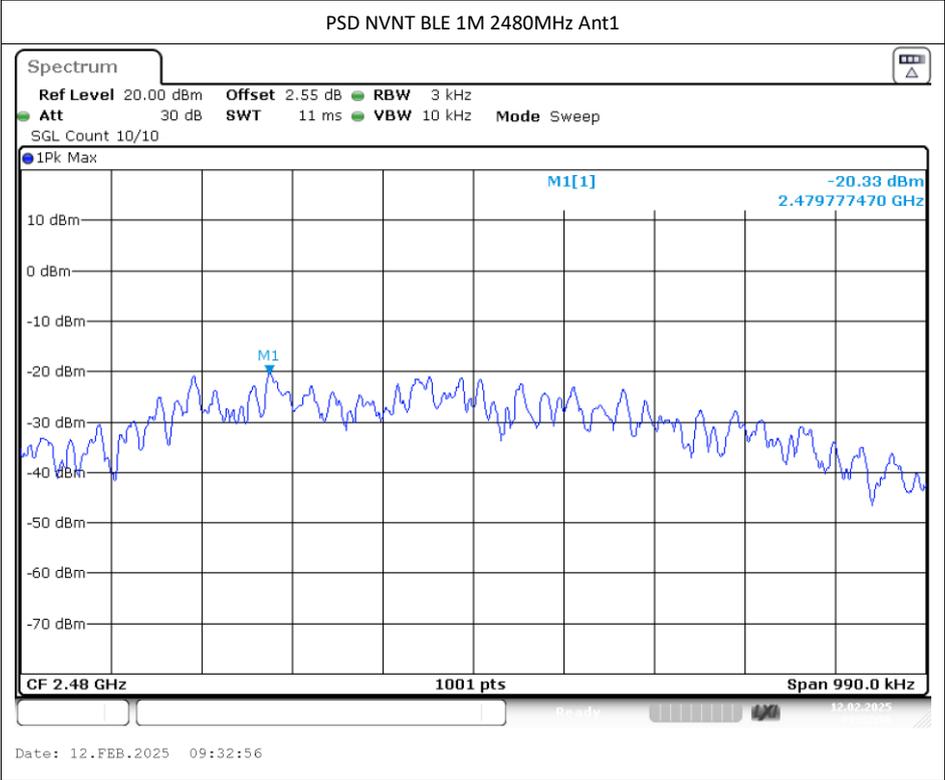
Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1





Band Edge

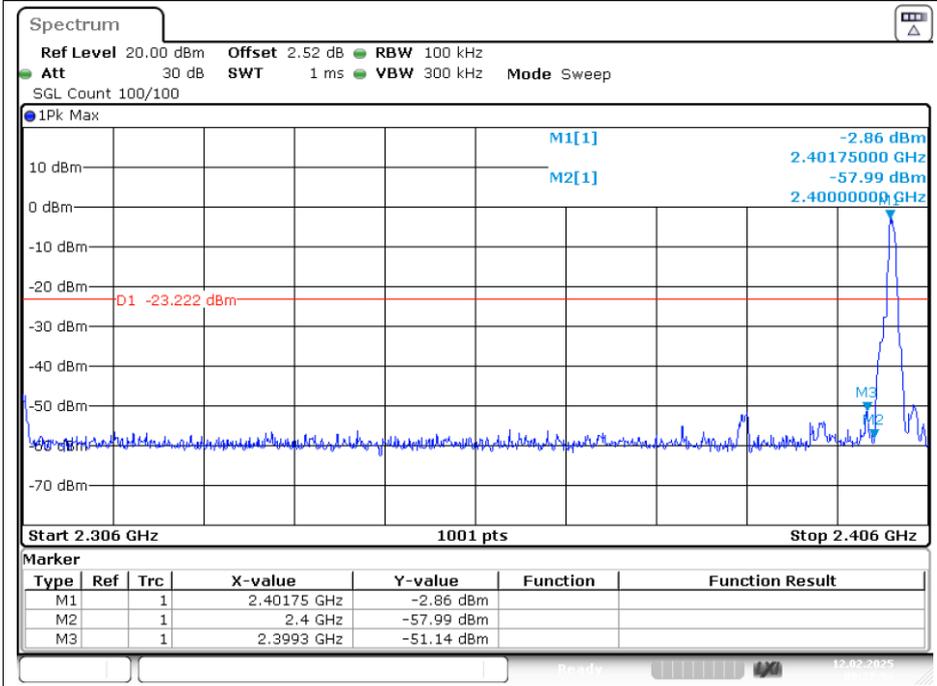
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.92	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.03	-20	Pass

Test Graphs

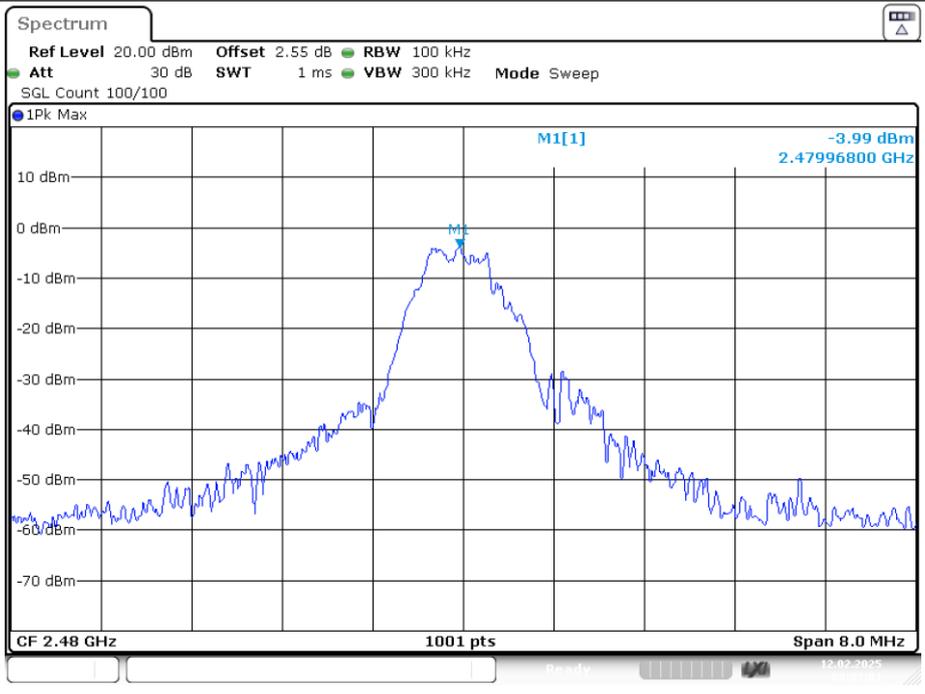
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



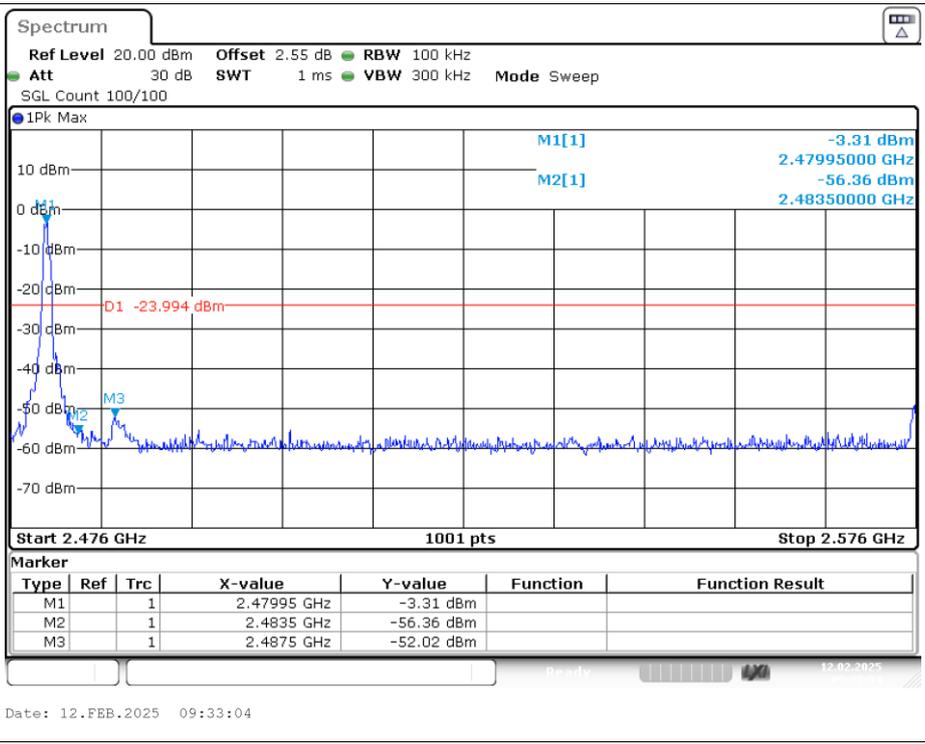
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

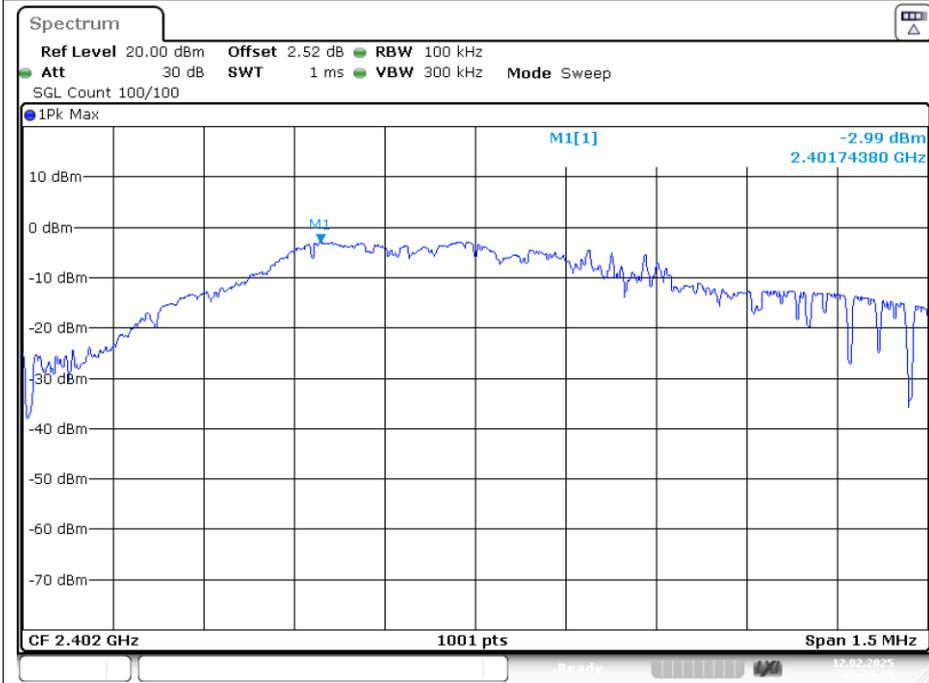


Conducted RF Spurious Emission

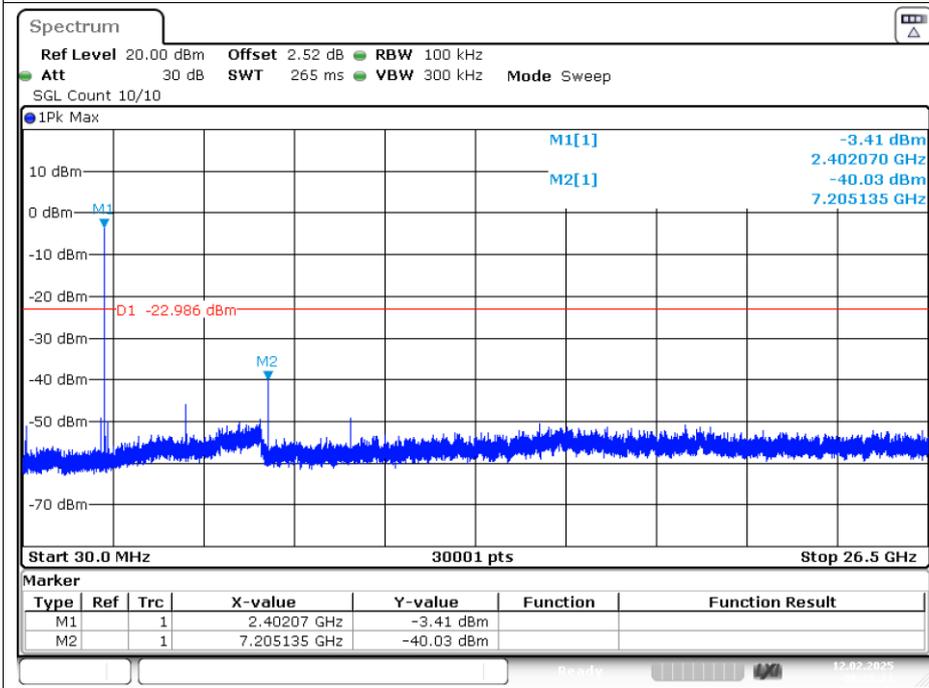
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-37.04	-20	Pass
NVNT	BLE 1M	2440	Ant1	-34.23	-20	Pass
NVNT	BLE 1M	2480	Ant1	-29.91	-20	Pass

Test Graphs

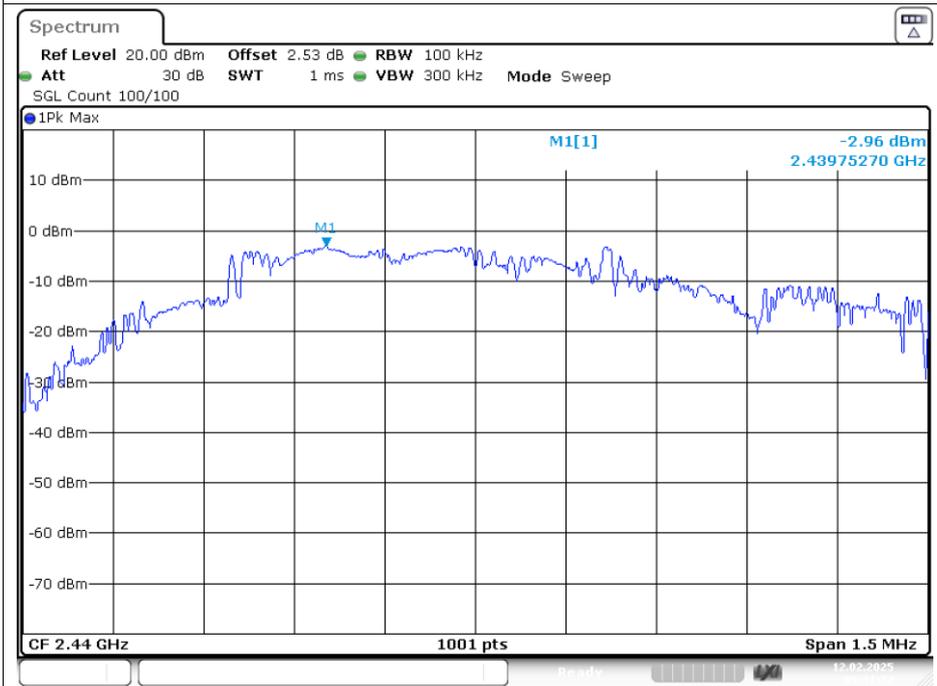
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

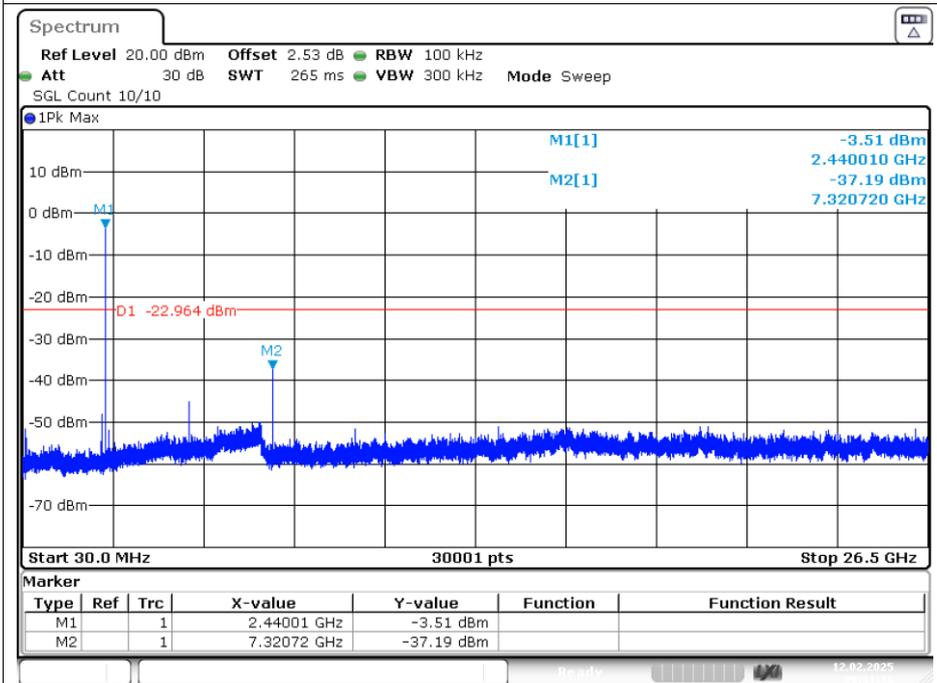


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Date: 12.FEB.2025 09:31:22

Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Date: 12.FEB.2025 09:31:38

Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission

