

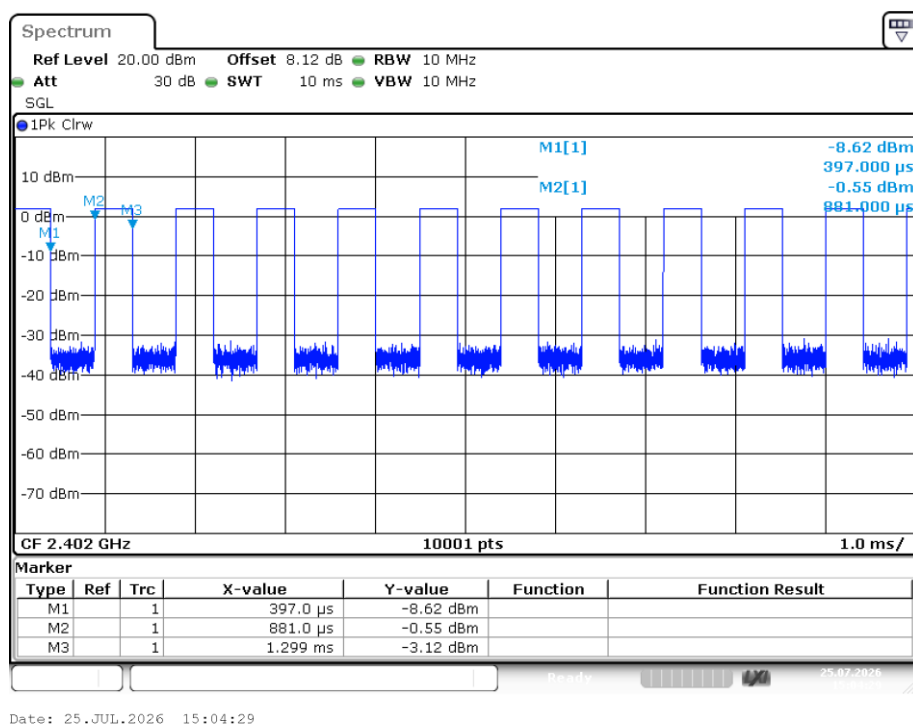
Appendix of BLE data

FCC ID: 2AFCB-G300PRO

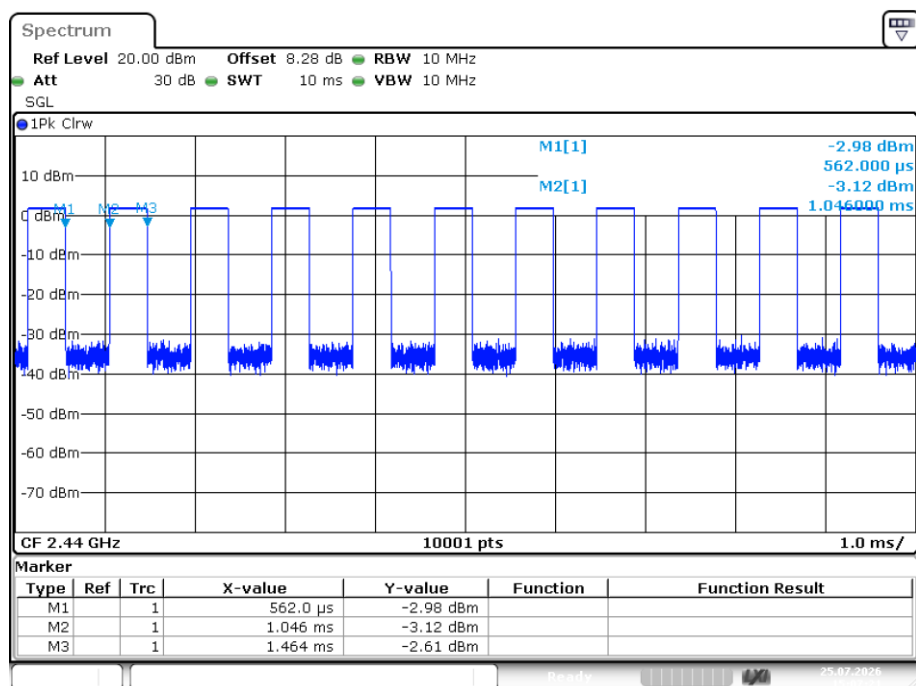
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	BLE 1M	2402	Ant1	46.34	3.34
NVNT	BLE 1M	2440	Ant1	46.34	3.34
NVNT	BLE 1M	2480	Ant1	46.4	3.33
NVNT	BLE 2M	2402	Ant1	23.28	6.33
NVNT	BLE 2M	2440	Ant1	23.28	6.33
NVNT	BLE 2M	2480	Ant1	23.2	6.35

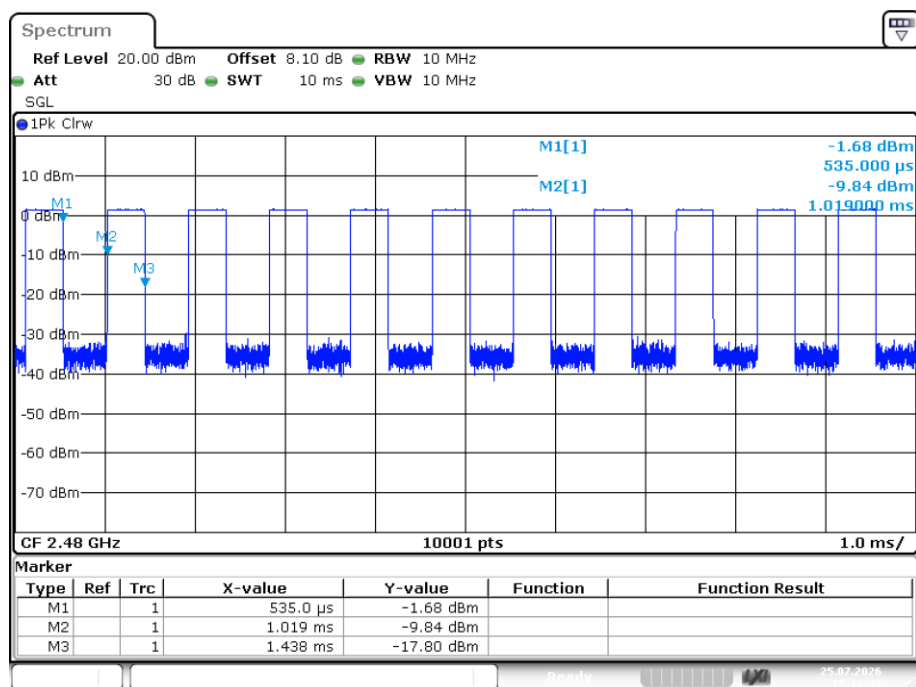
Duty Cycle NVNT BLE 1M 2402MHz Ant1



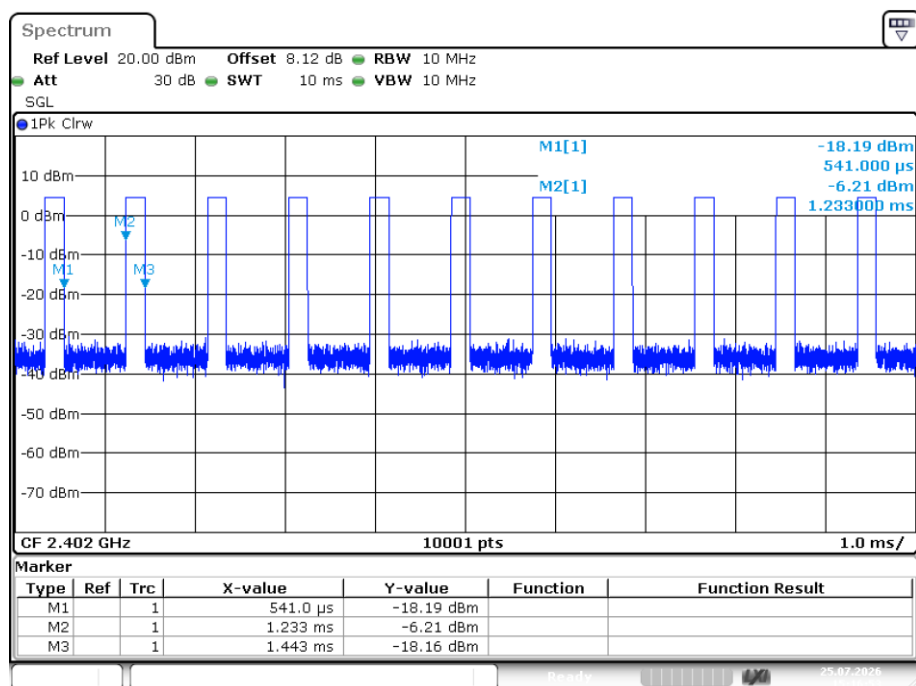
Duty Cycle NVNT BLE 1M 2440MHz Ant1



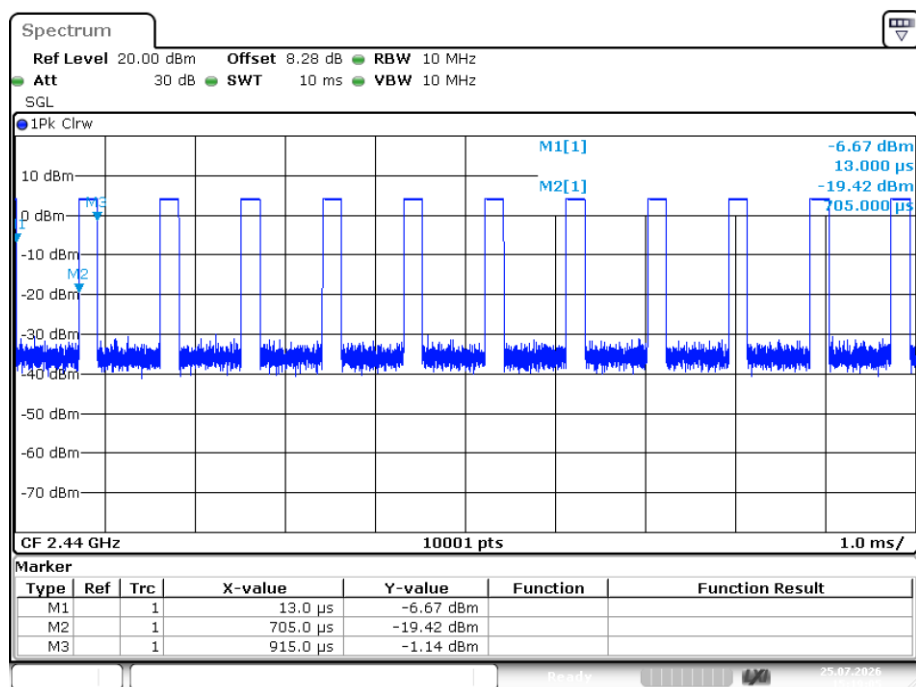
Duty Cycle NVNT BLE 1M 2480MHz Ant1



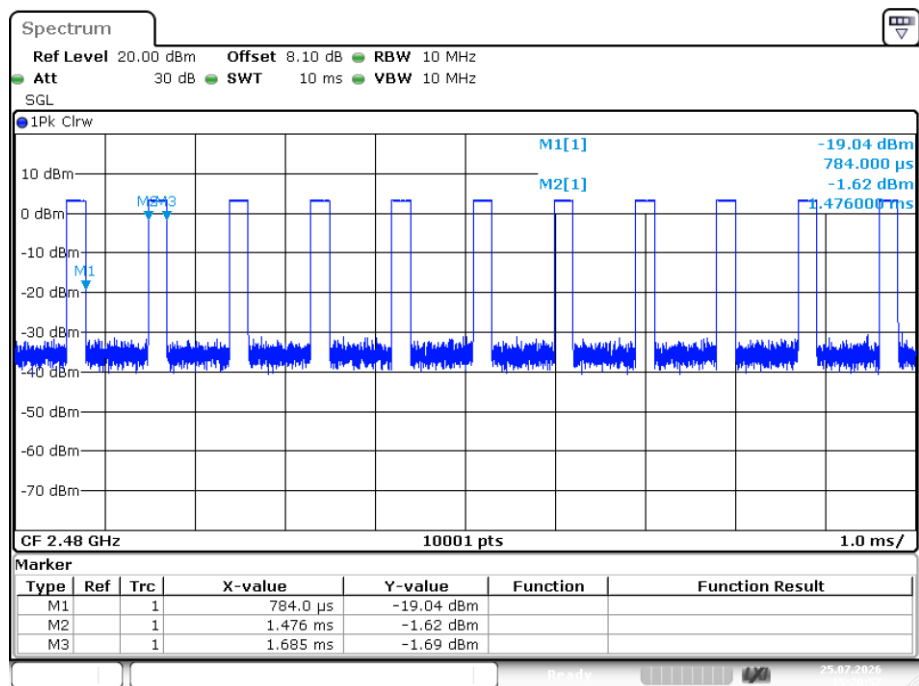
Duty Cycle NVNT BLE 2M 2402MHz Ant1



Duty Cycle NVNT BLE 2M 2440MHz Ant1



Duty Cycle NVNT BLE 2M 2480MHz Ant1

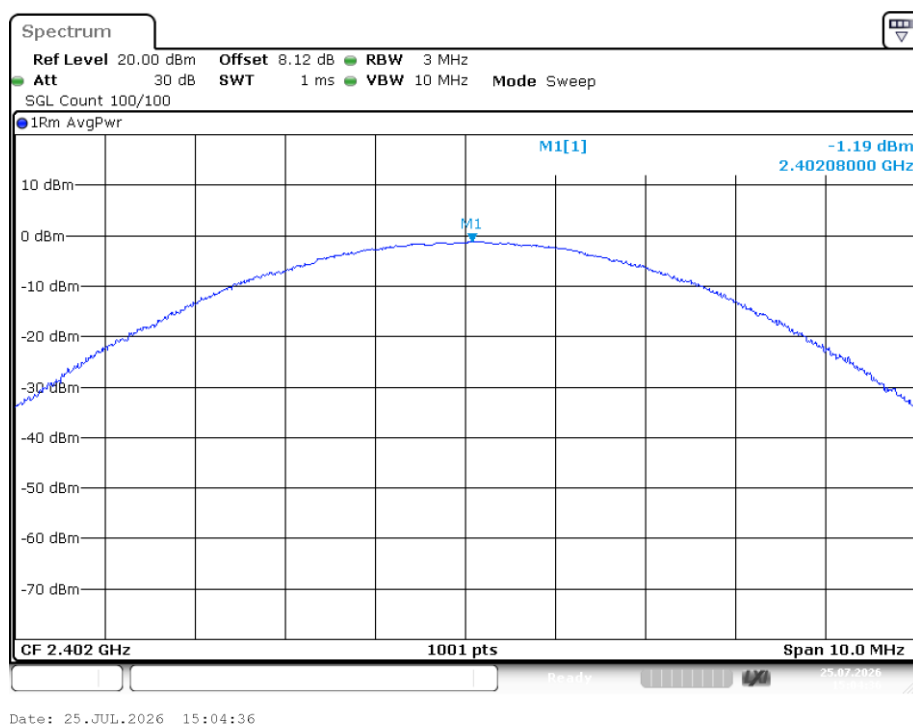


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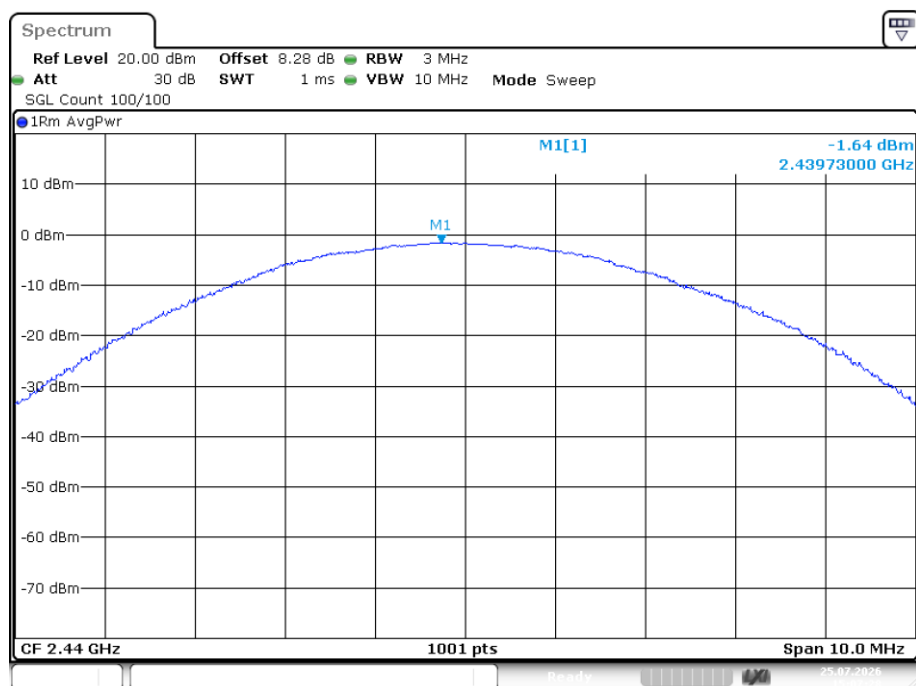
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.19	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.64	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.98	30	Pass
NVNT	BLE 2M	2402	Ant1	-1.52	30	Pass
NVNT	BLE 2M	2440	Ant1	-2.05	30	Pass
NVNT	BLE 2M	2480	Ant1	-2.14	30	Pass

Power NVNT BLE 1M 2402MHz Ant1

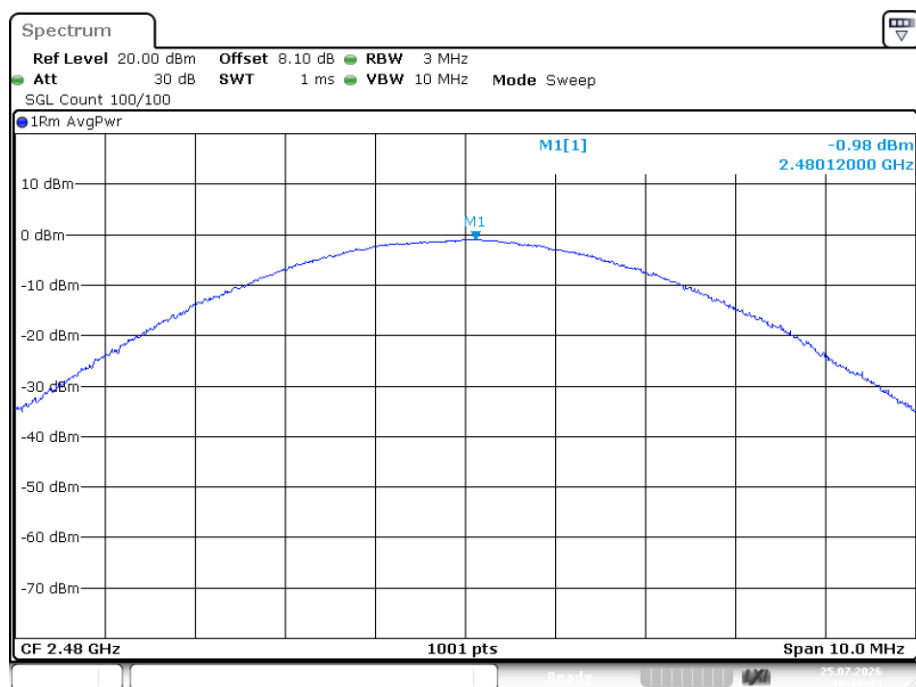


Power NVNT BLE 1M 2440MHz Ant1



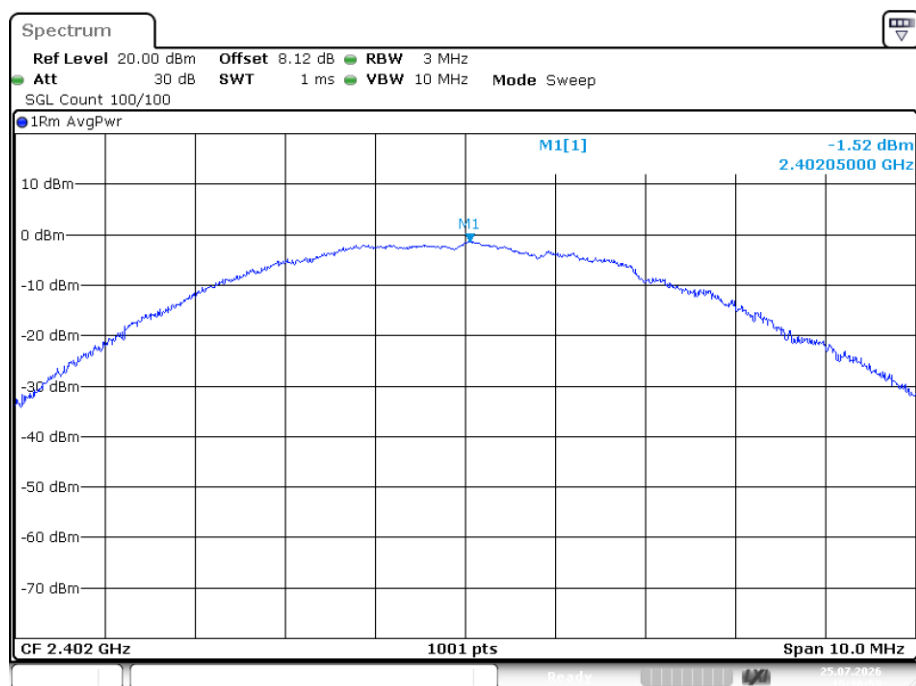
Date: 25.JUL.2026 15:07:28

Power NVNT BLE 1M 2480MHz Ant1



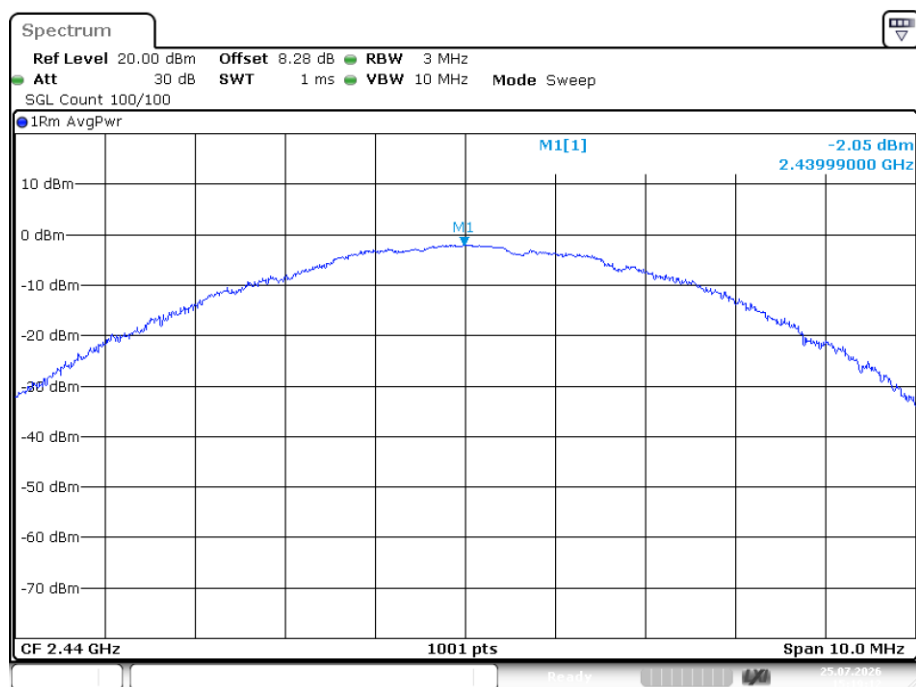
Date: 25.JUL.2026 15:11:45

Power NVNT BLE 2M 2402MHz Ant1



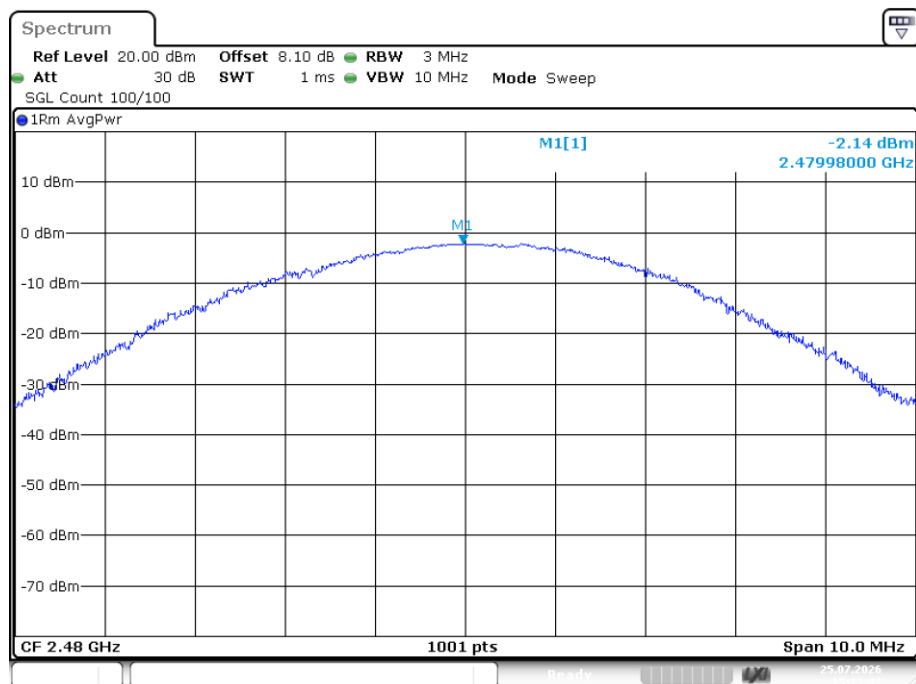
Date: 25.JUL.2026 15:17:00

Power NVNT BLE 2M 2440MHz Ant1



Date: 25.JUL.2026 15:19:12

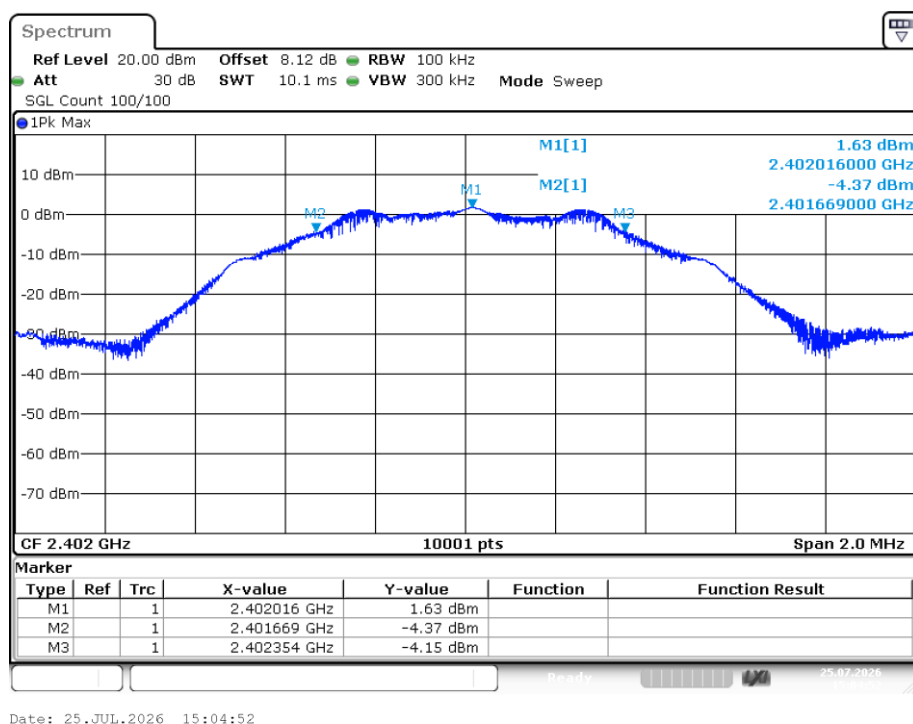
Power NVNT BLE 2M 2480MHz Ant1

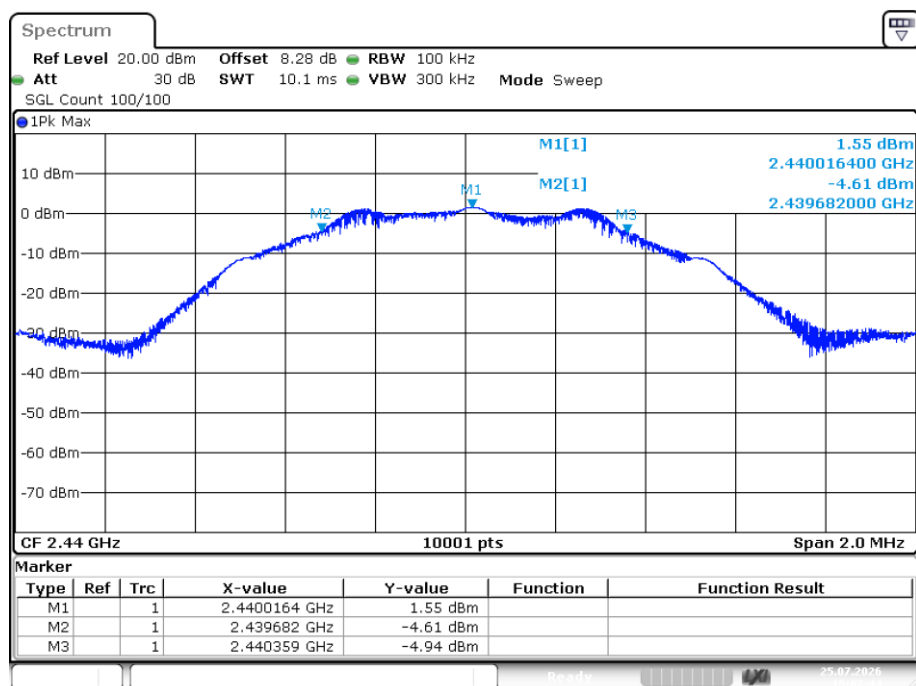


Date: 25.JUL.2026 15:22:42

-6dB Bandwidth

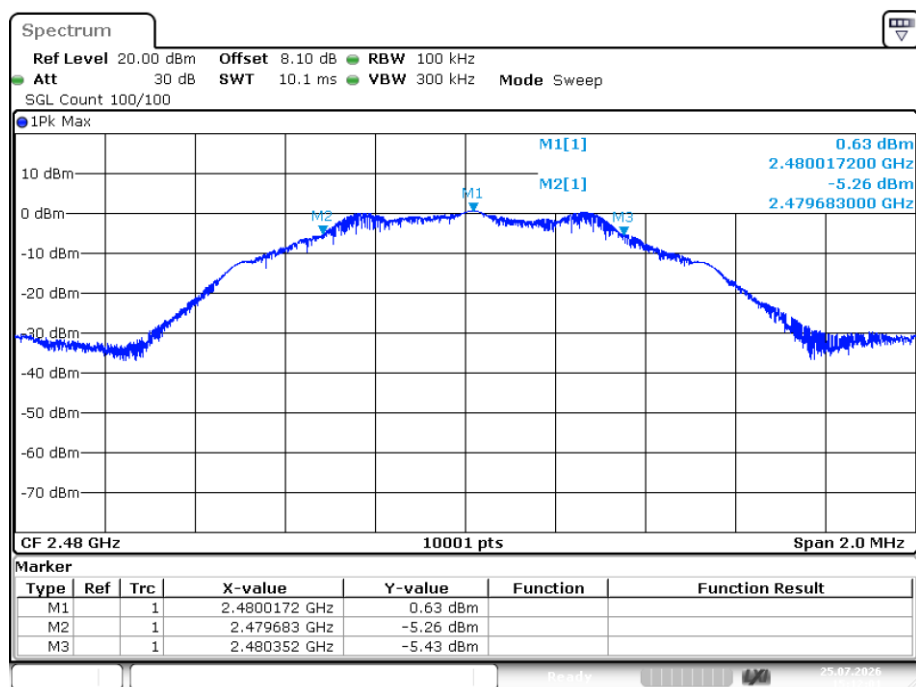
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.685	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.676	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.67	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.128	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.13	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.126	0.5	Pass

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1**-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1**



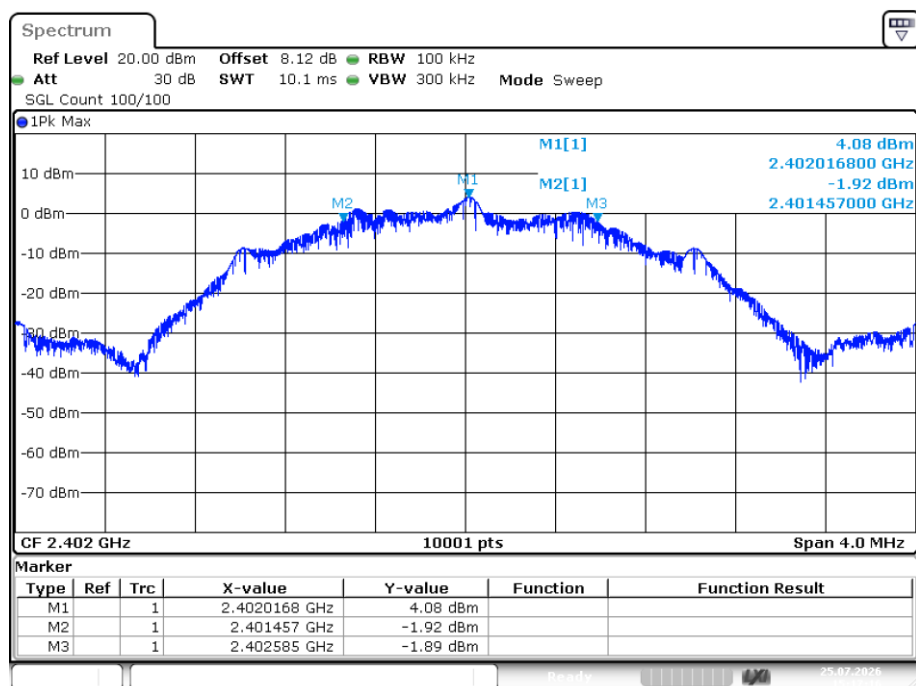
Date: 25.JUL.2026 15:07:45

-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



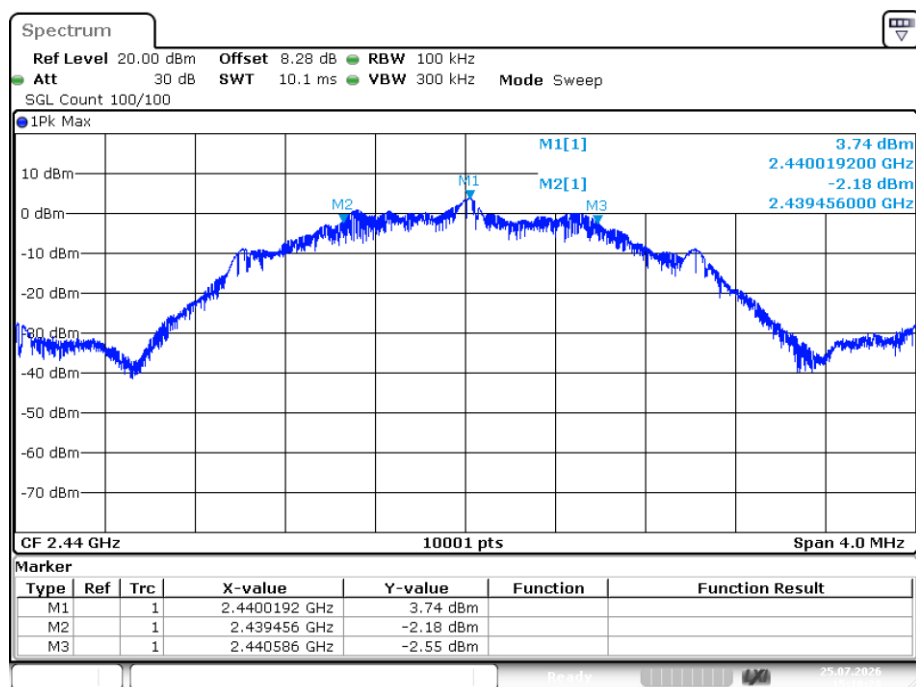
Date: 25.JUL.2026 15:12:02

-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



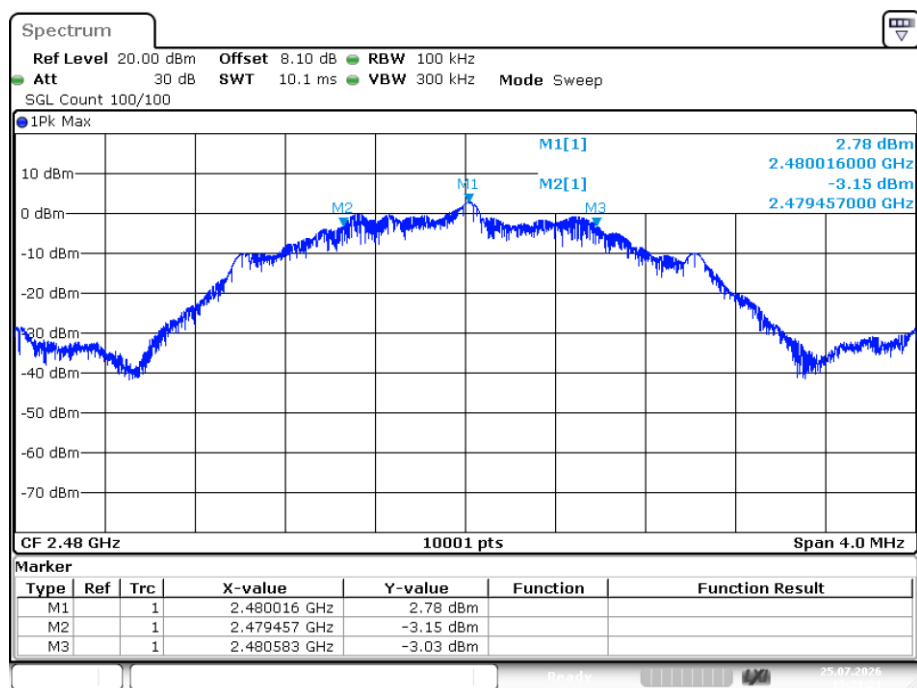
Date: 25.JUL.2026 15:17:16

-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



Date: 25.JUL.2026 15:19:28

-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1

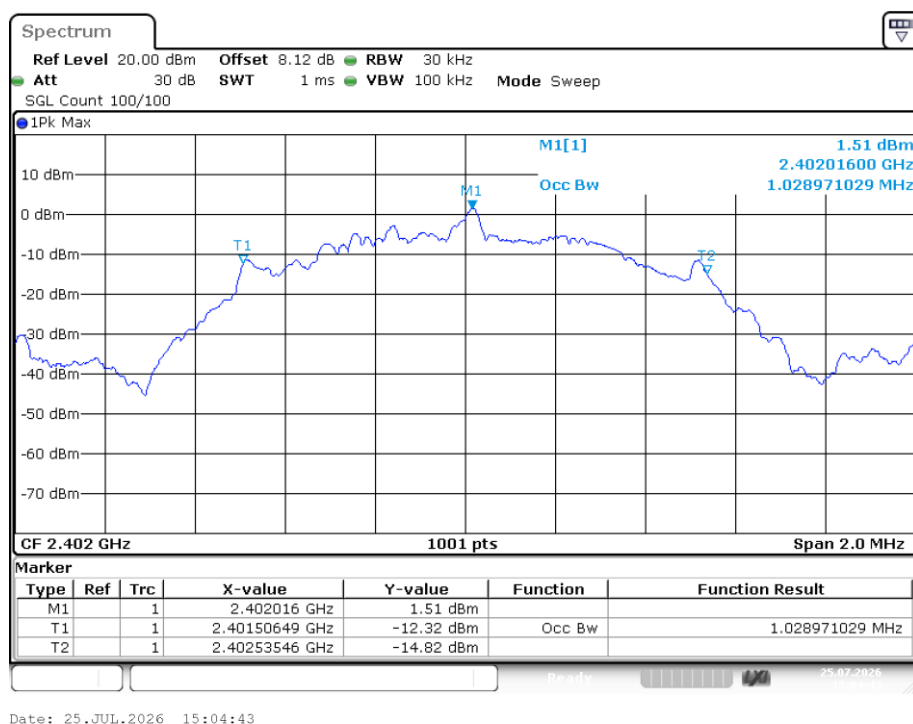


Date: 25.JUL.2026 15:21:21

Occupied Channel Bandwidth

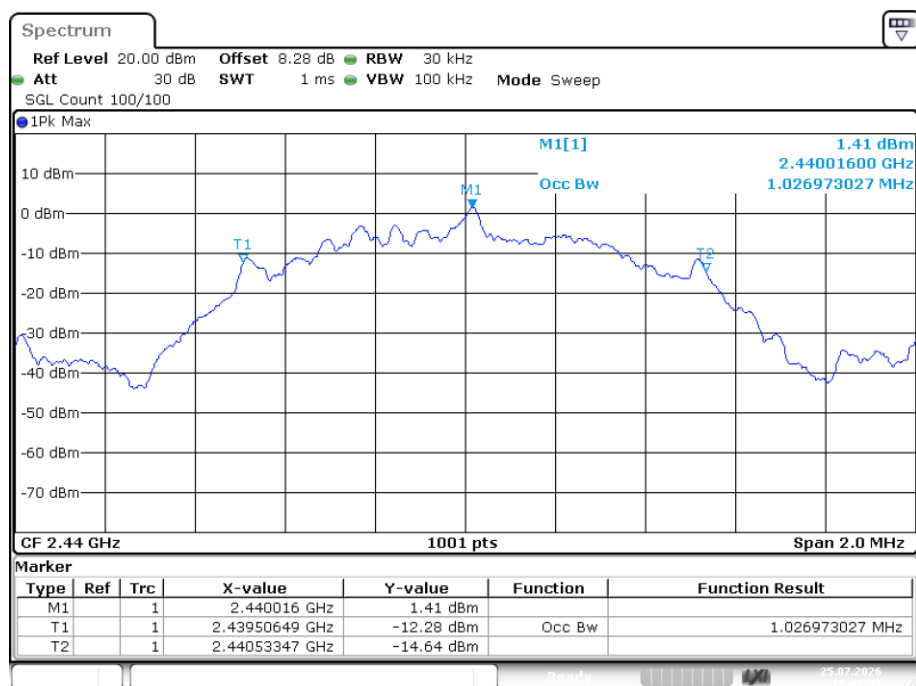
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.029
NVNT	BLE 1M	2440	Ant1	1.027
NVNT	BLE 1M	2480	Ant1	1.029
NVNT	BLE 2M	2402	Ant1	2.034
NVNT	BLE 2M	2440	Ant1	2.046
NVNT	BLE 2M	2480	Ant1	2.058

OBW NVNT BLE 1M 2402MHz Ant1



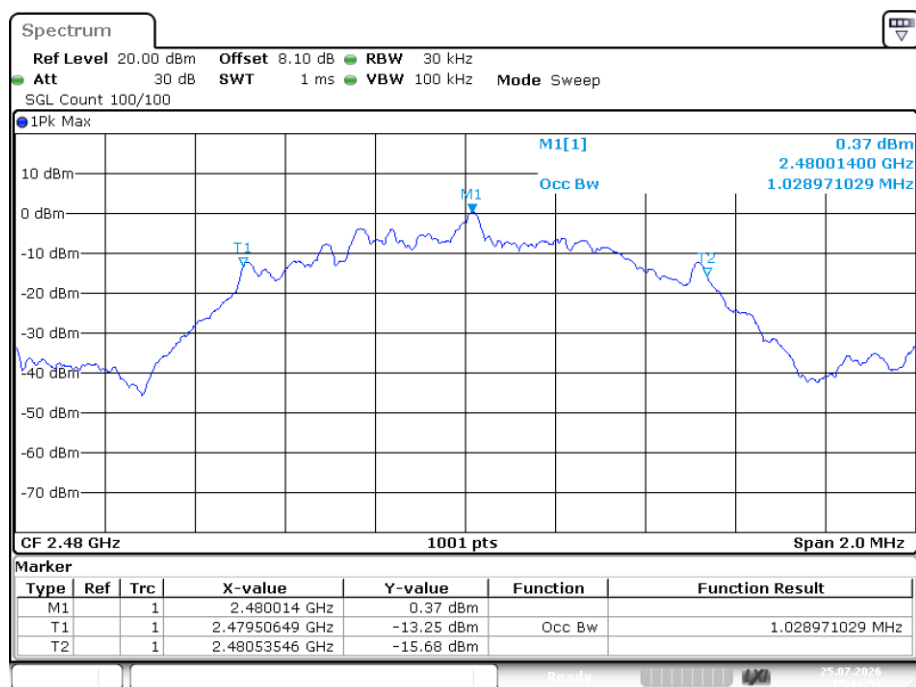
Date: 25.JUL.2026 15:04:43

OBW NVNT BLE 1M 2440MHz Ant1



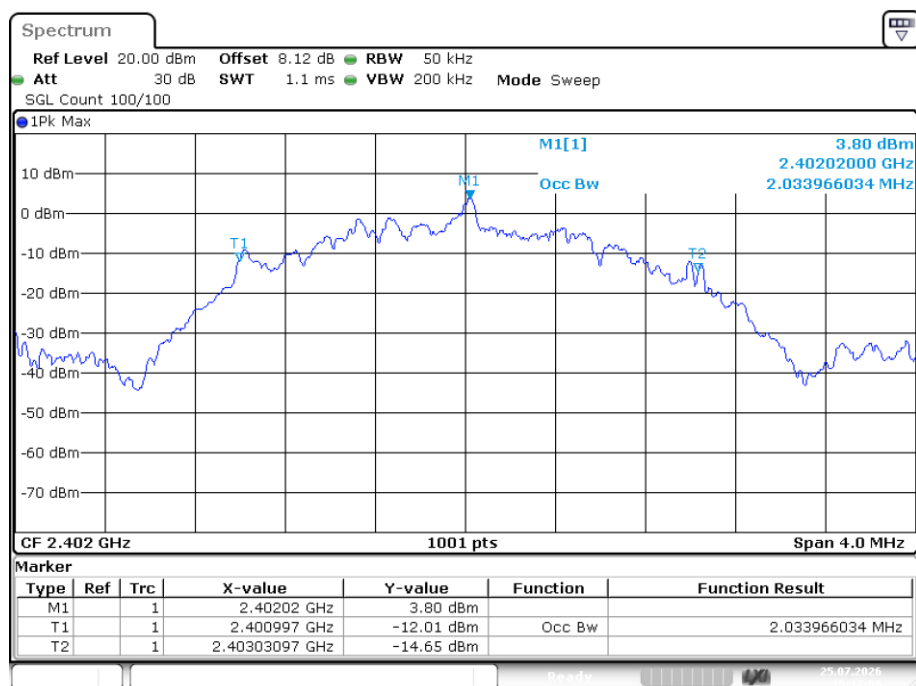
Date: 25.JUL.2026 15:07:35

OBW NVNT BLE 1M 2480MHz Ant1



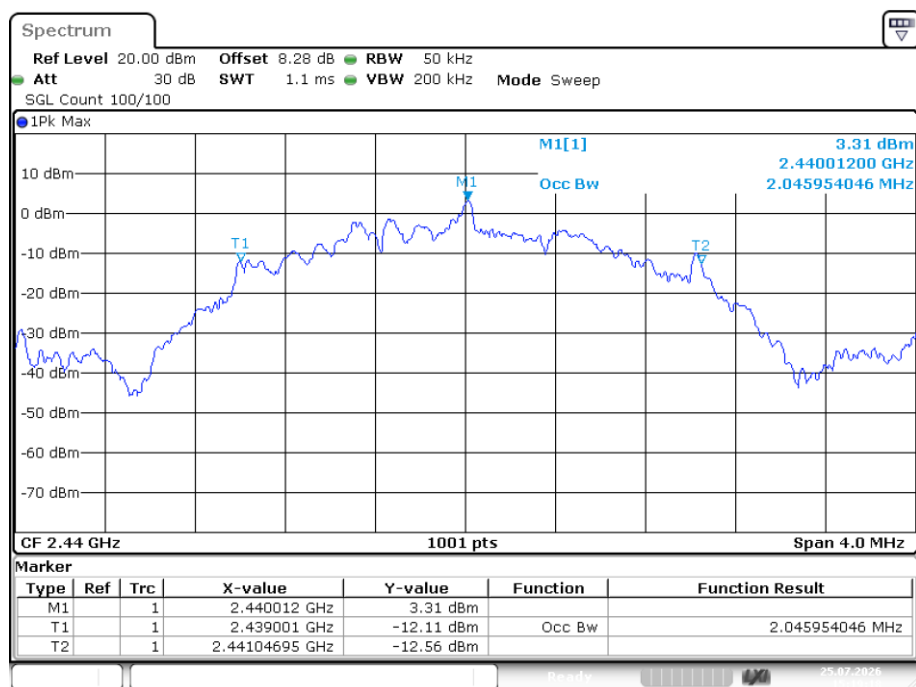
Date: 25.JUL.2026 15:11:52

OBW NVNT BLE 2M 2402MHz Ant1



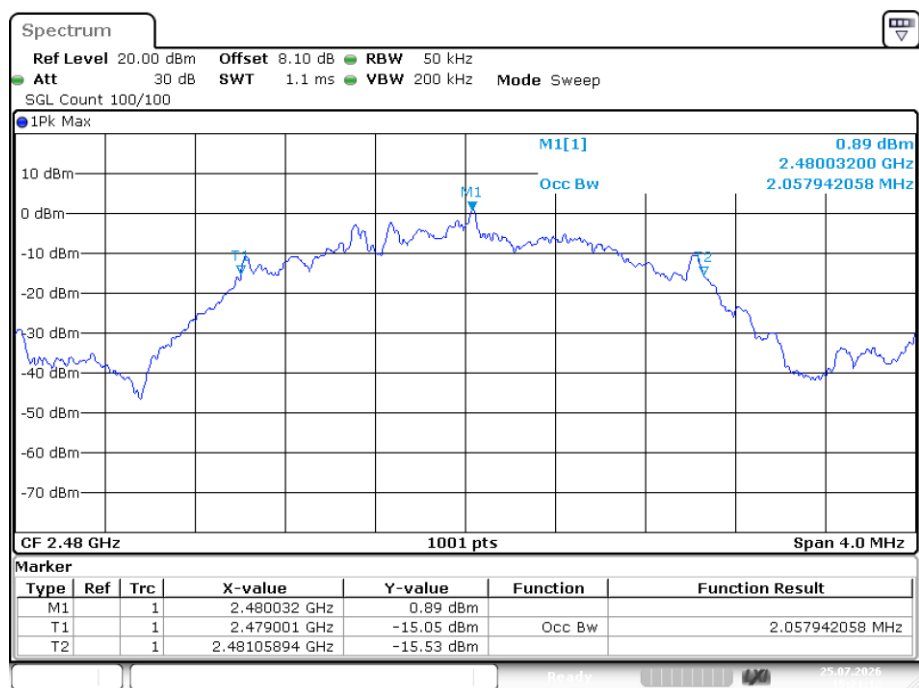
Date: 25.JUL.2026 15:17:06

OBW NVNT BLE 2M 2440MHz Ant1



Date: 25.JUL.2026 15:19:18

OBW NVNT BLE 2M 2480MHz Ant1

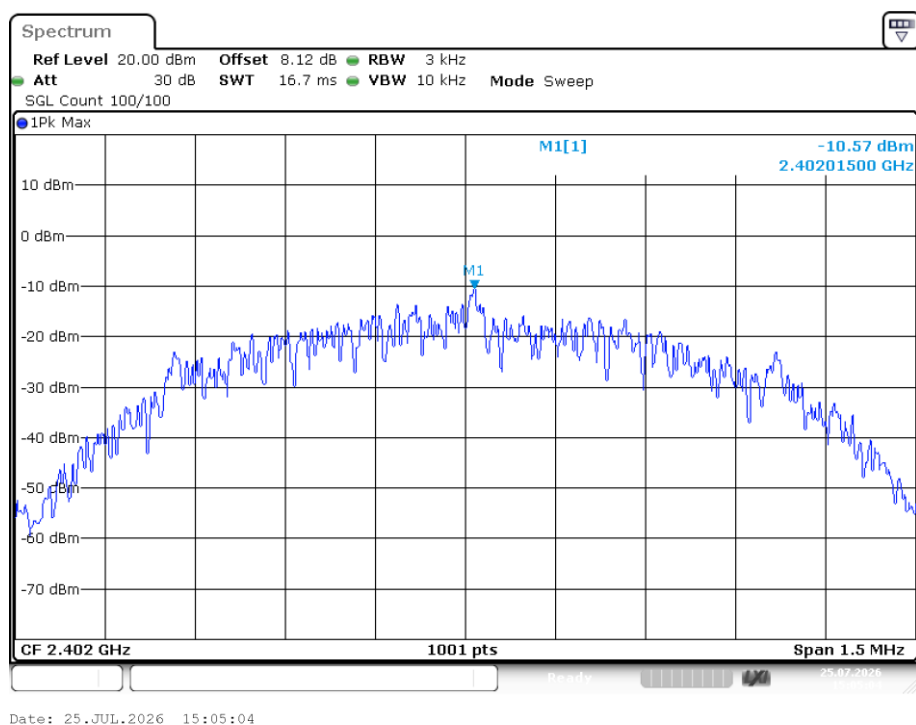


Date: 25.JUL.2026 15:21:12

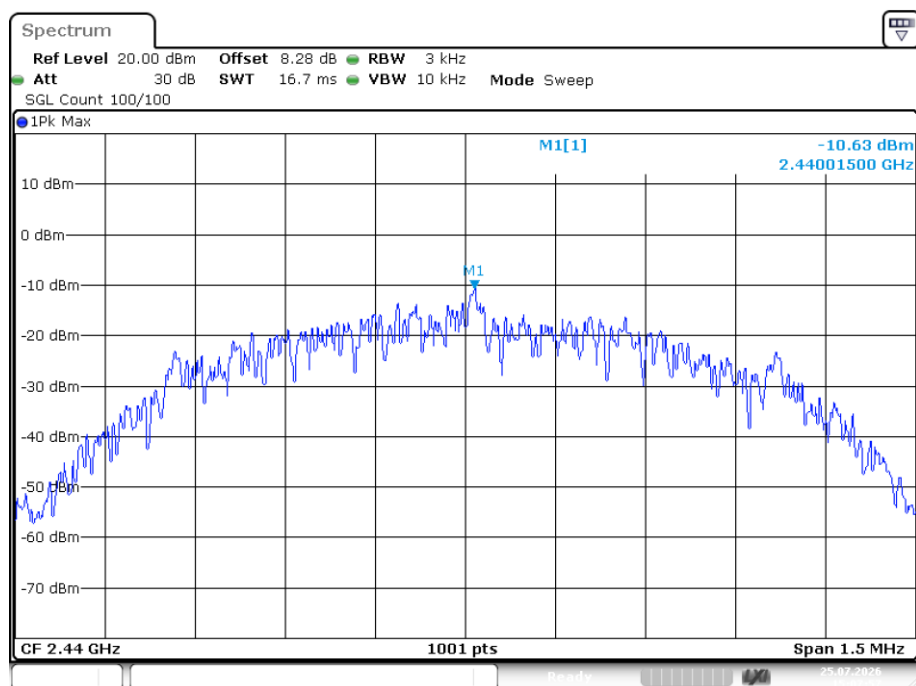
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conduct PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-10.57	8	Pass
NVNT	BLE 1M	2440	Ant1	-10.63	8	Pass
NVNT	BLE 1M	2480	Ant1	-11.497	8	Pass
NVNT	BLE 2M	2402	Ant1	-12.241	8	Pass
NVNT	BLE 2M	2440	Ant1	-12.583	8	Pass
NVNT	BLE 2M	2480	Ant1	-13.451	8	Pass

PSD NVNT BLE 1M 2402MHz Ant1

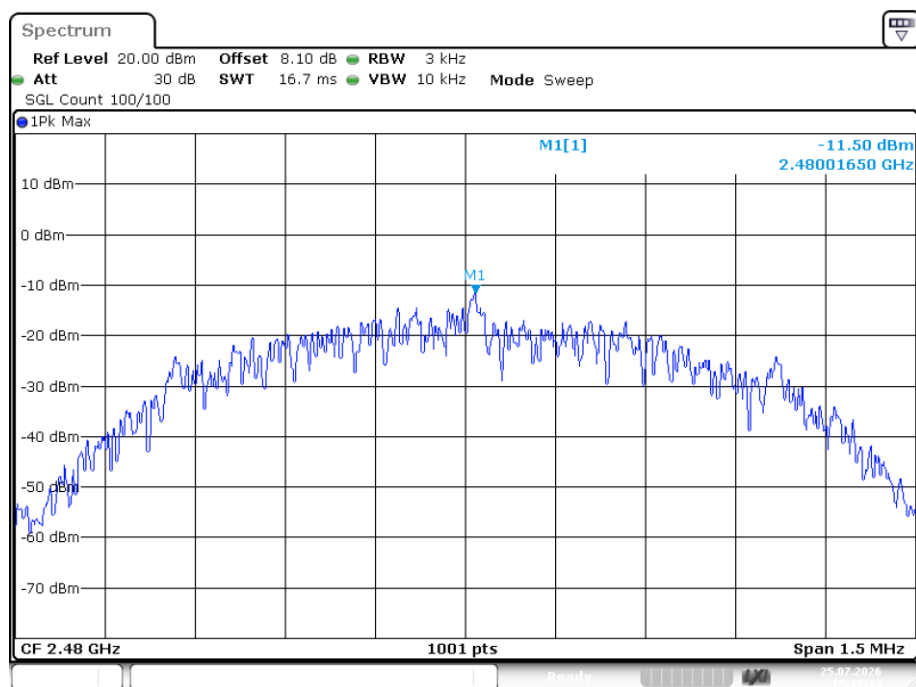


PSD NVNT BLE 1M 2440MHz Ant1



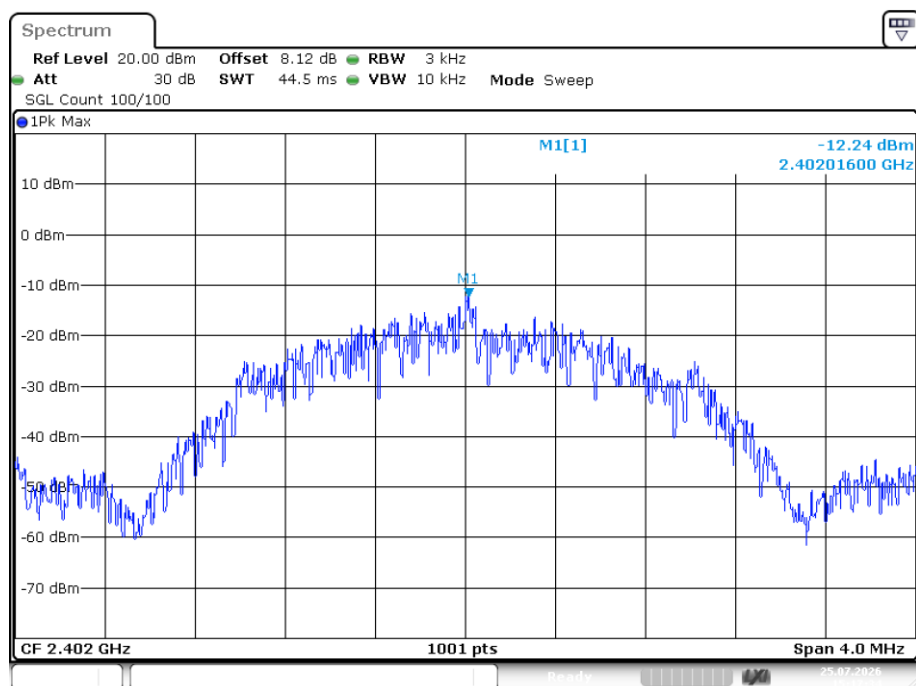
Date: 25.JUL.2026 15:07:57

PSD NVNT BLE 1M 2480MHz Ant1



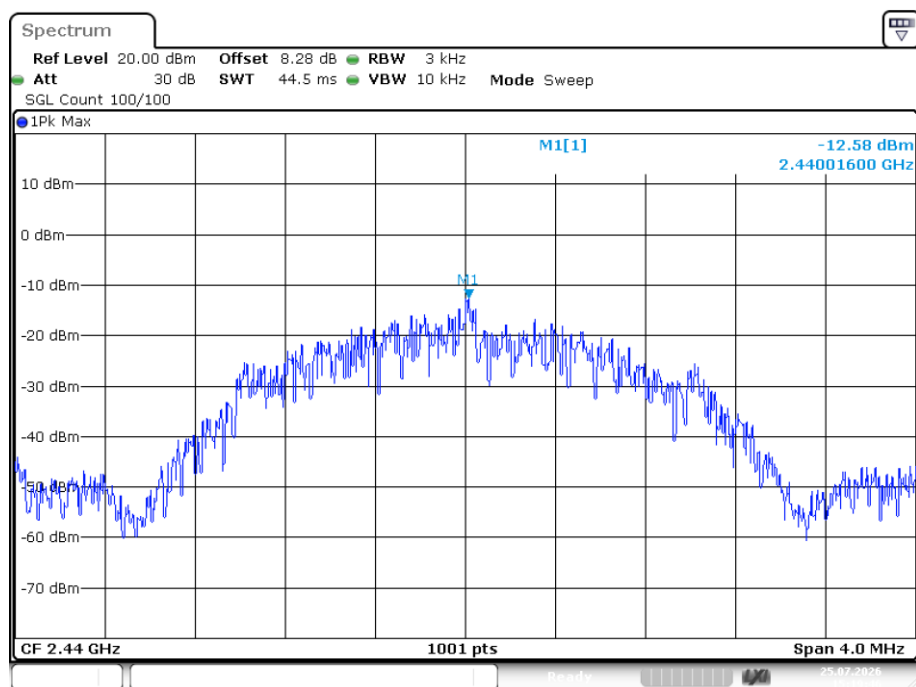
Date: 25.JUL.2026 15:12:14

PSD NVNT BLE 2M 2402MHz Ant1



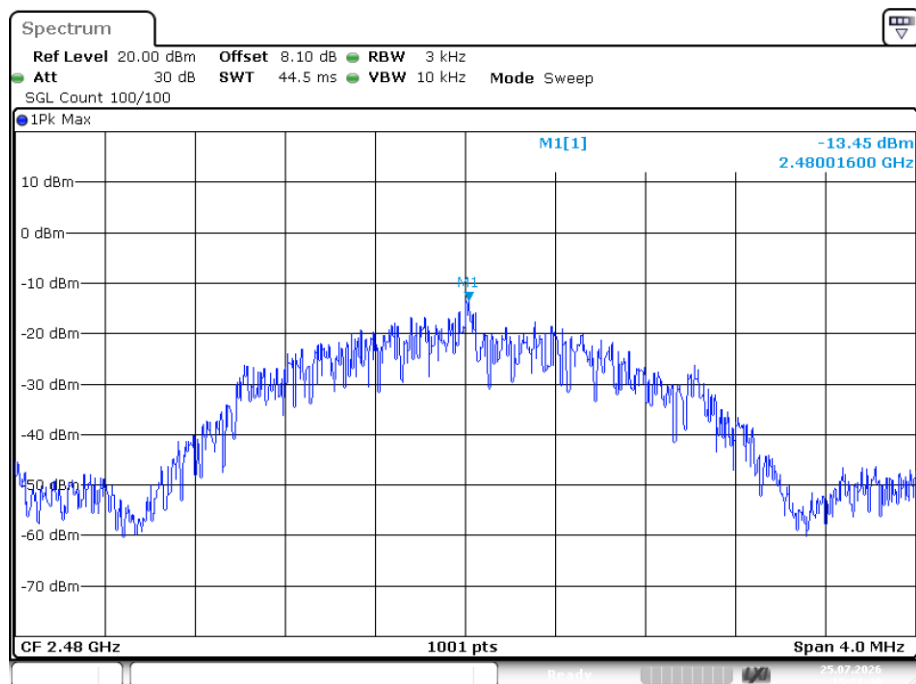
Date: 25.JUL.2026 15:17:34

PSD NVNT BLE 2M 2440MHz Ant1



Date: 25.JUL.2026 15:19:46

PSD NVNT BLE 2M 2480MHz Ant1

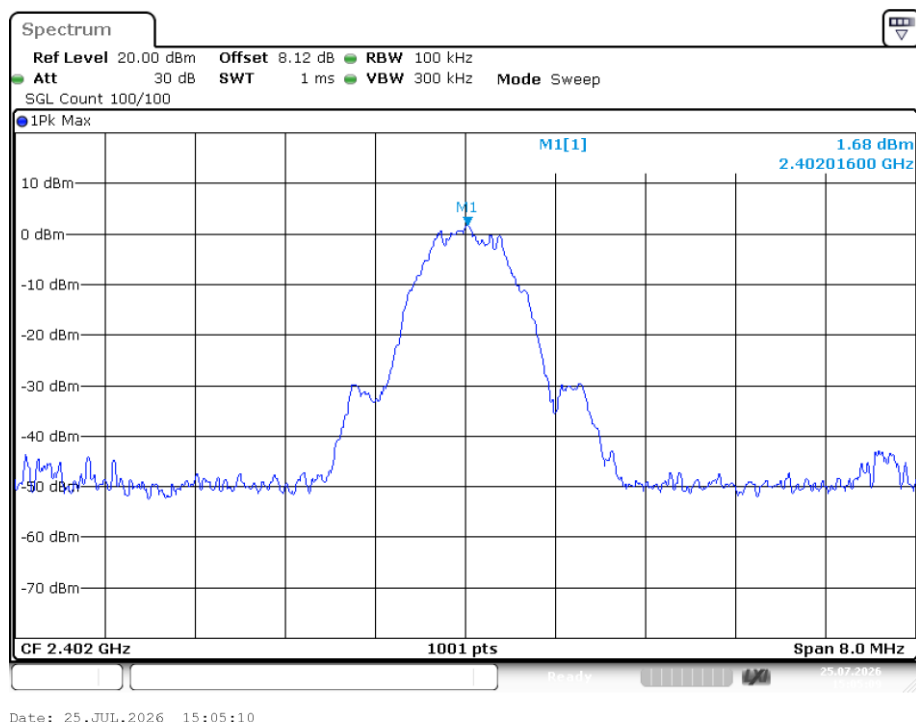


Date: 25.JUL.2026 15:21:40

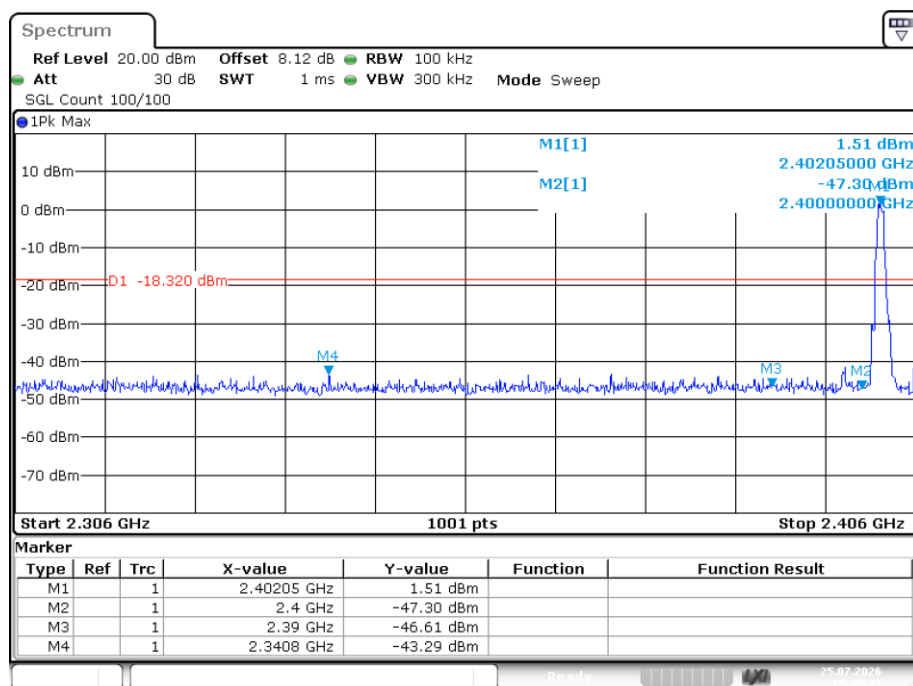
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.97	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.81	-20	Pass
NVNT	BLE 2M	2402	Ant1	-47.53	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.20	-20	Pass

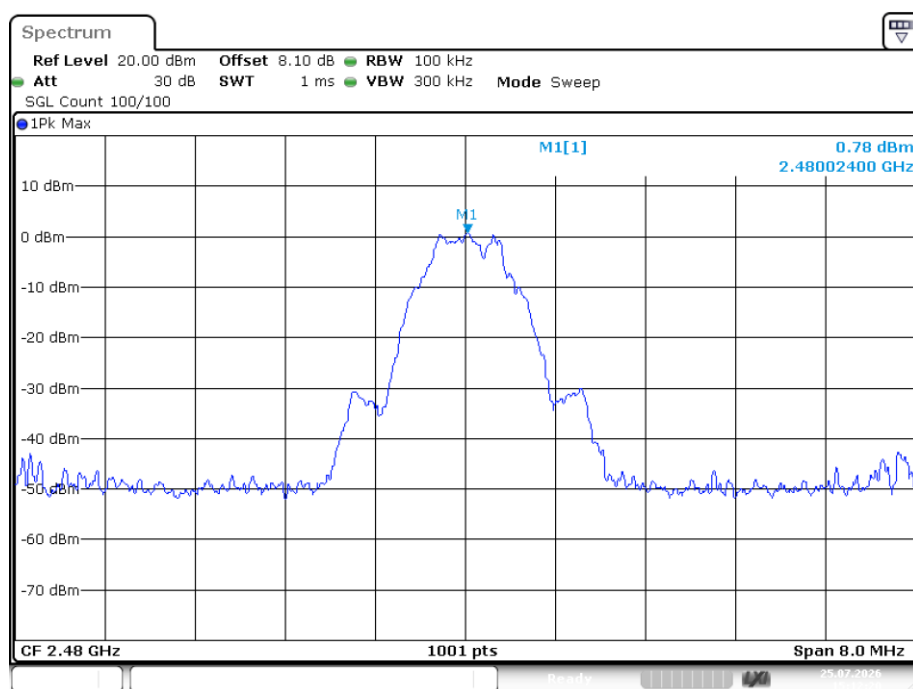
Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



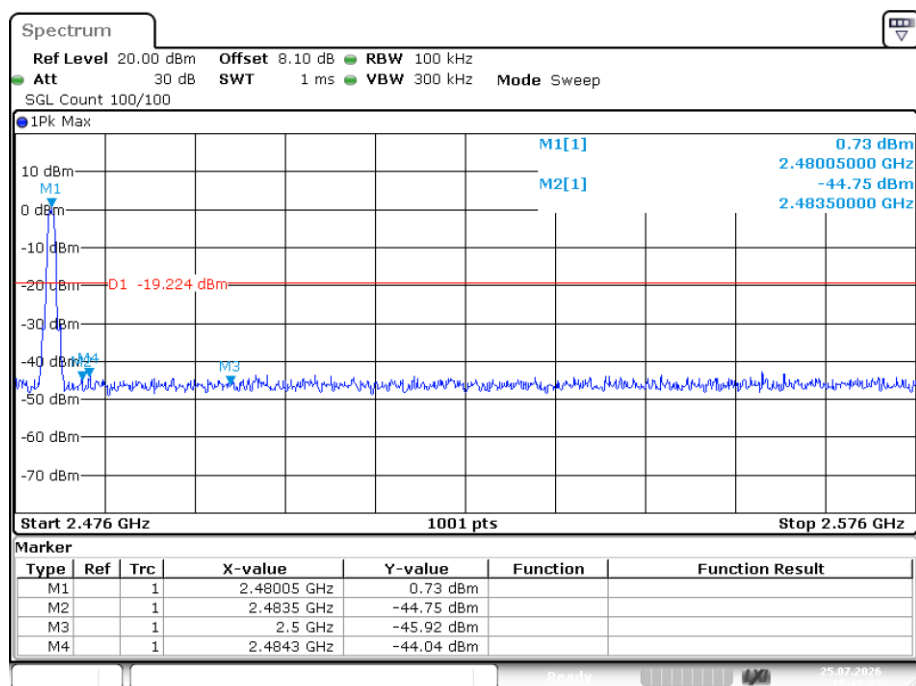
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



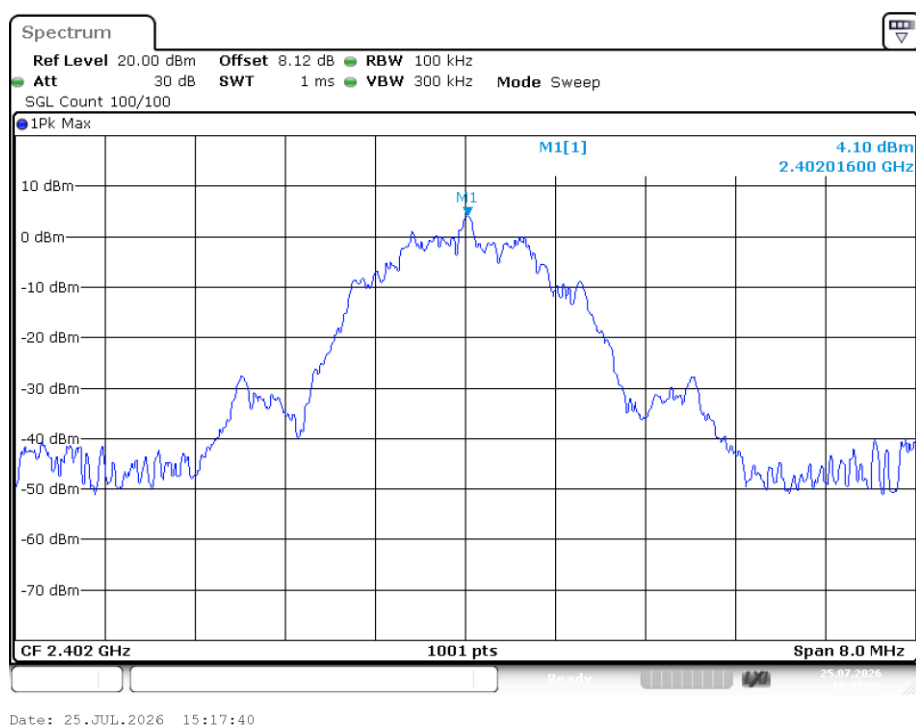
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



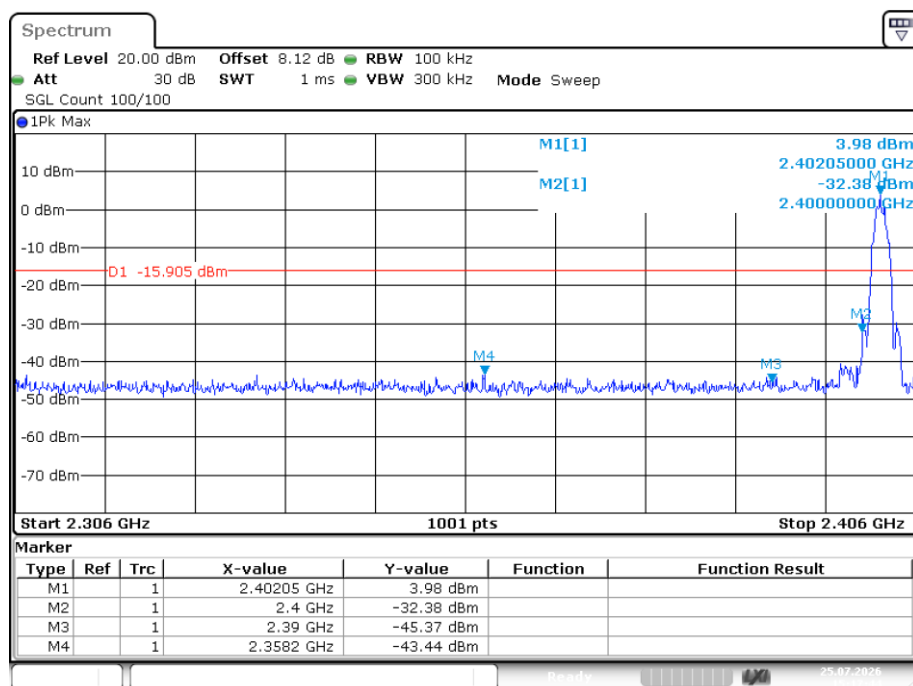
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



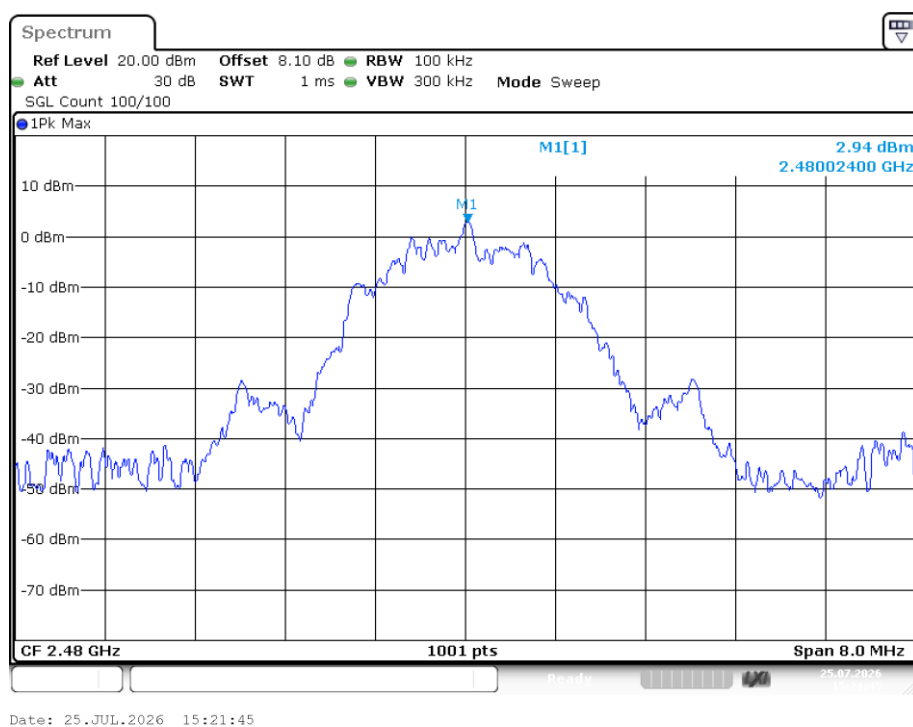
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



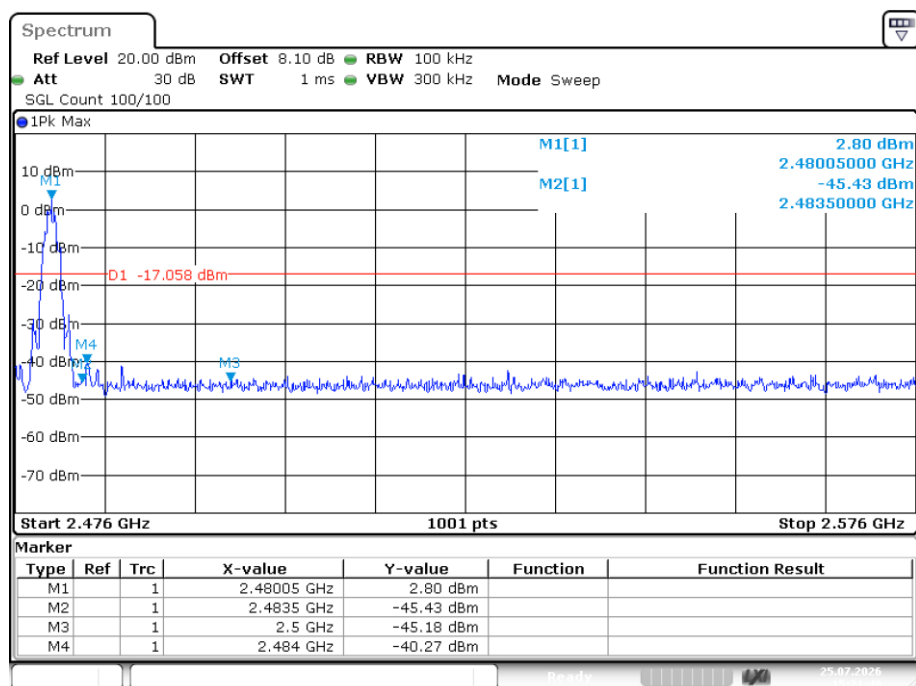
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

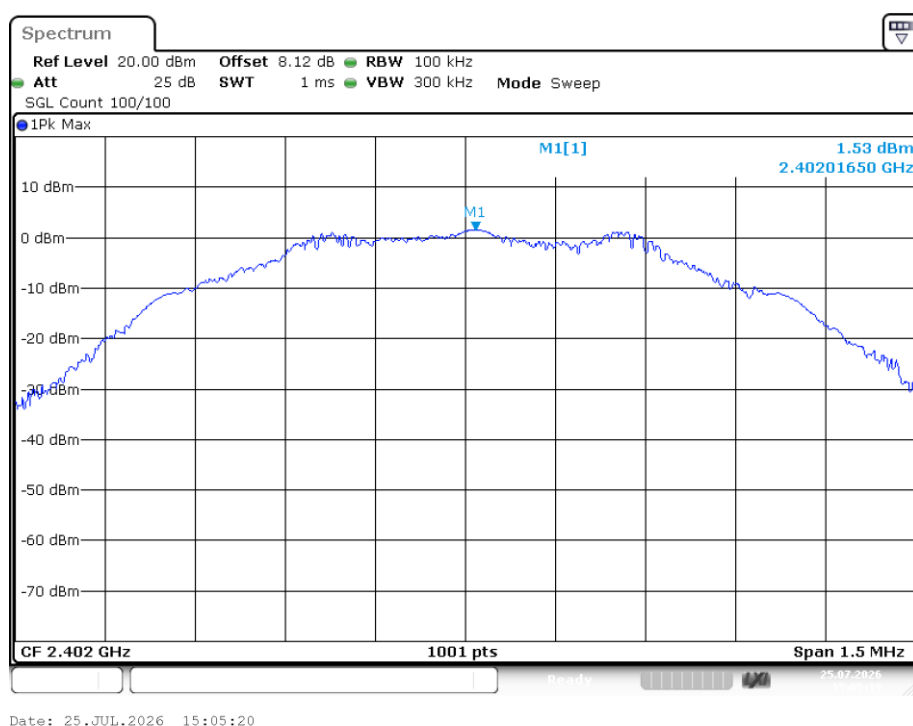


Date: 25.JUL.2026 15:21:48

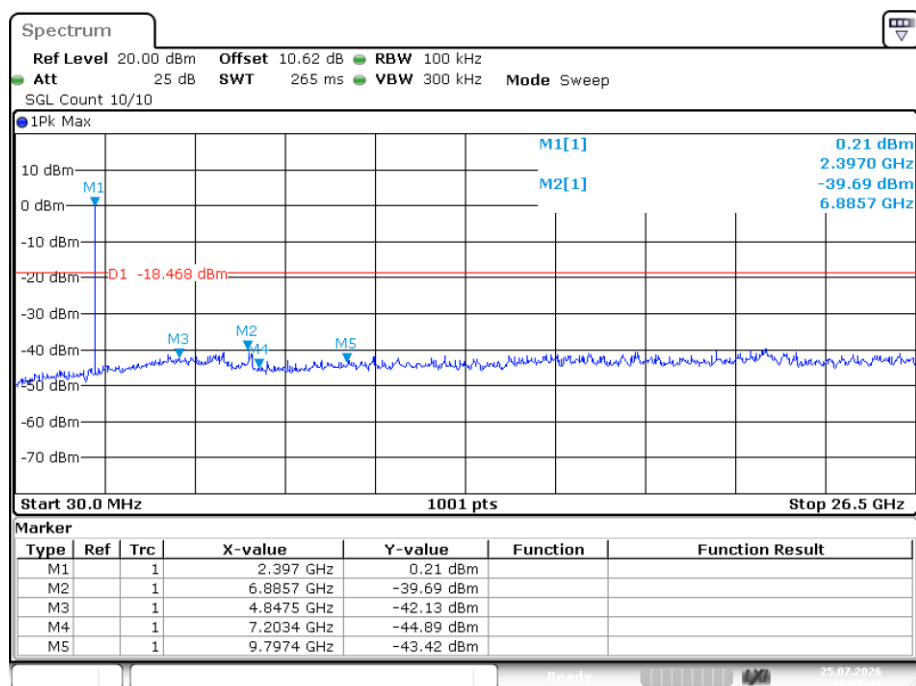
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-41.22	-20	Pass
NVNT	BLE 1M	2440	Ant1	-41.51	-20	Pass
NVNT	BLE 1M	2480	Ant1	-40.48	-20	Pass
NVNT	BLE 2M	2402	Ant1	-38.76	-20	Pass
NVNT	BLE 2M	2440	Ant1	-38.14	-20	Pass
NVNT	BLE 2M	2480	Ant1	-37.08	-20	Pass

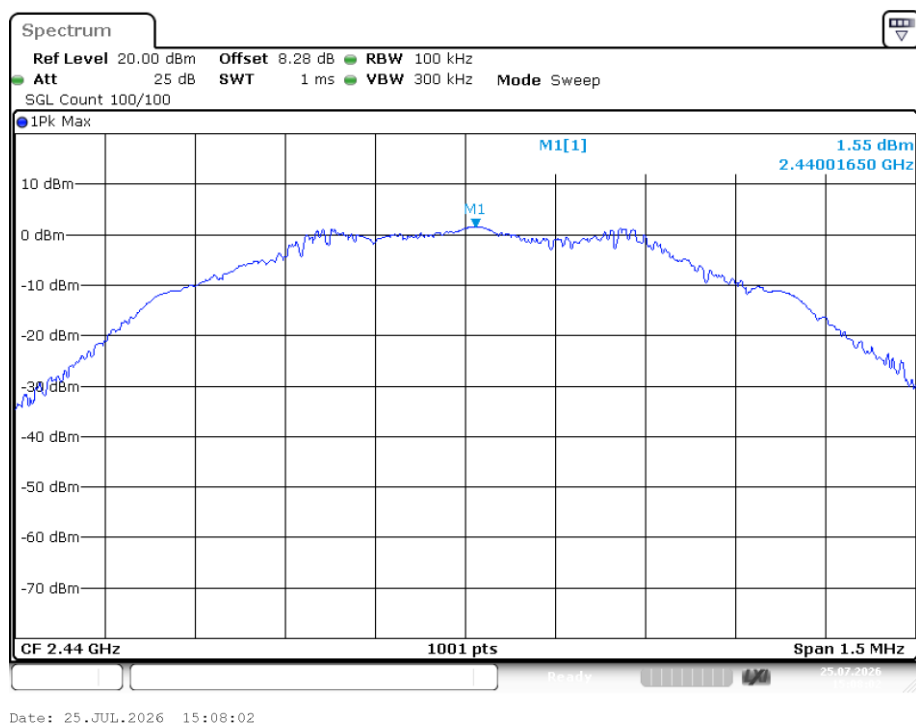
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



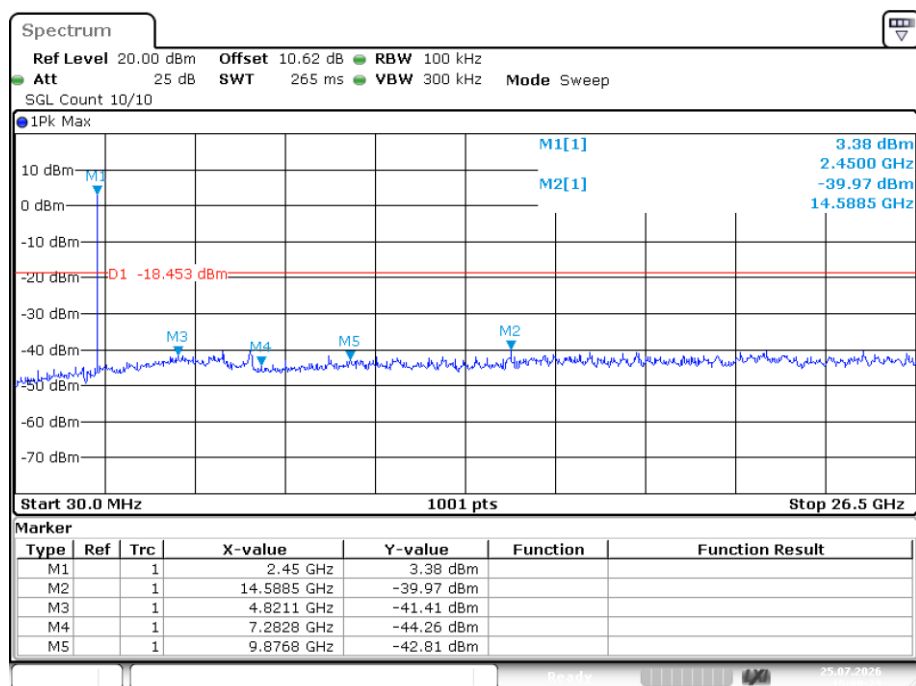
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



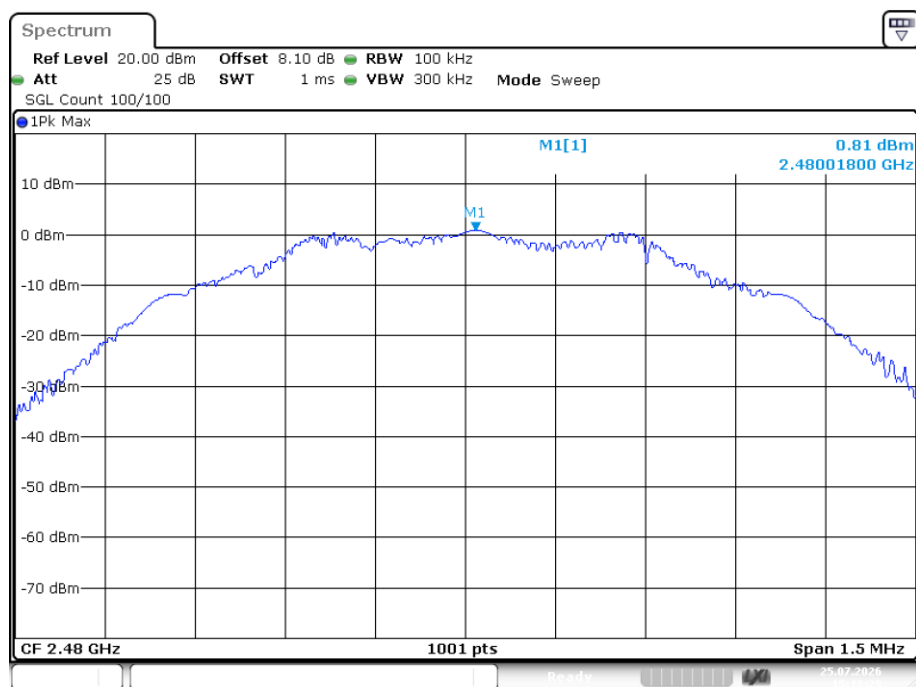
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



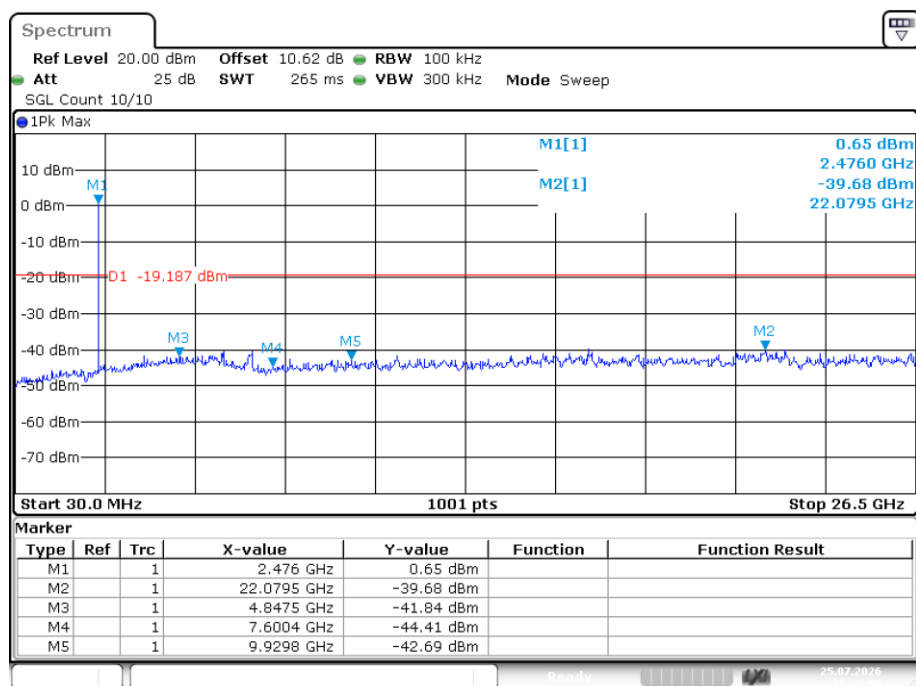
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



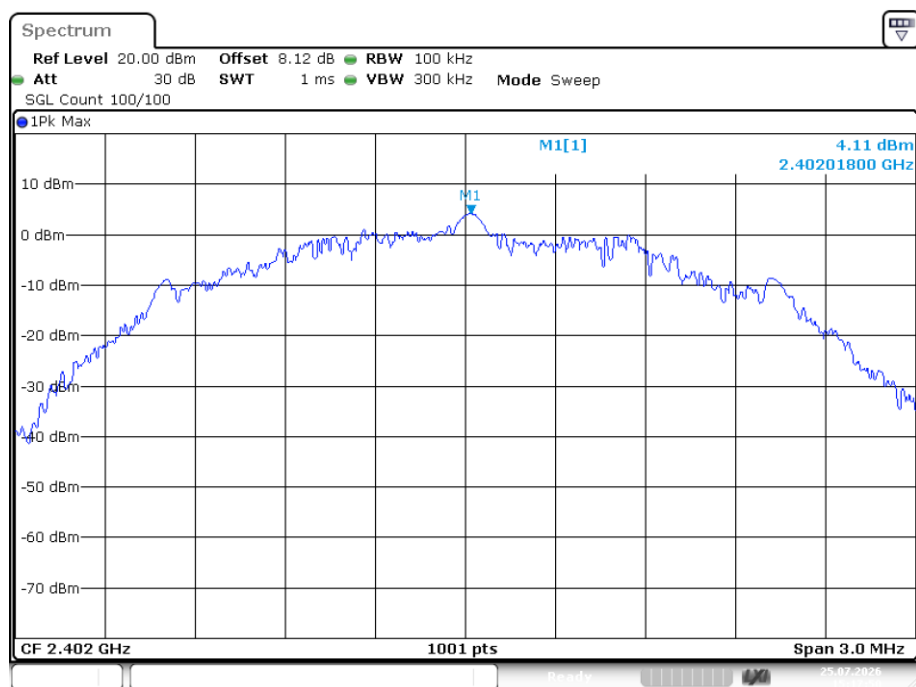
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



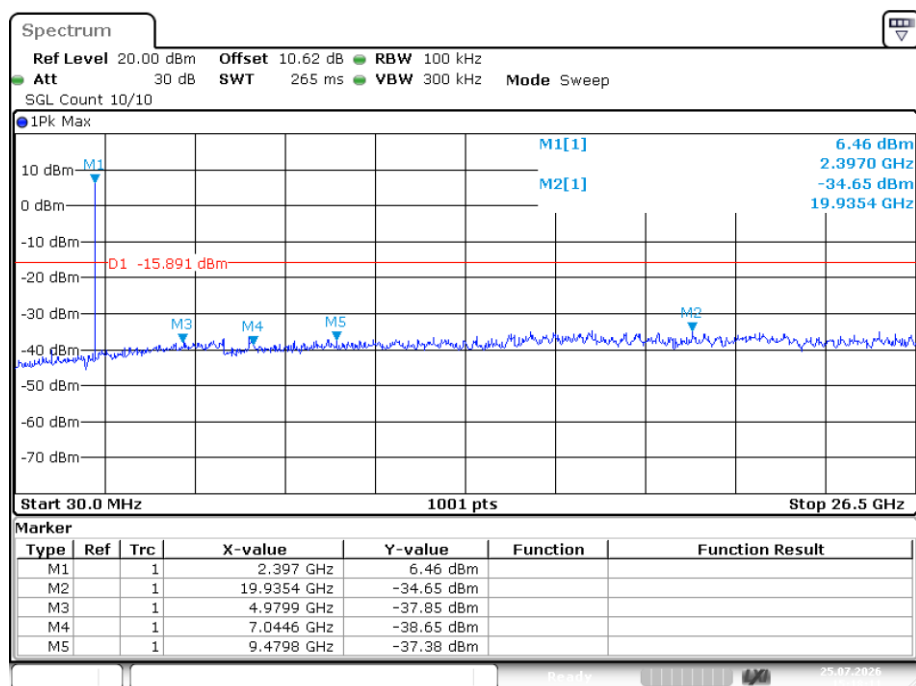
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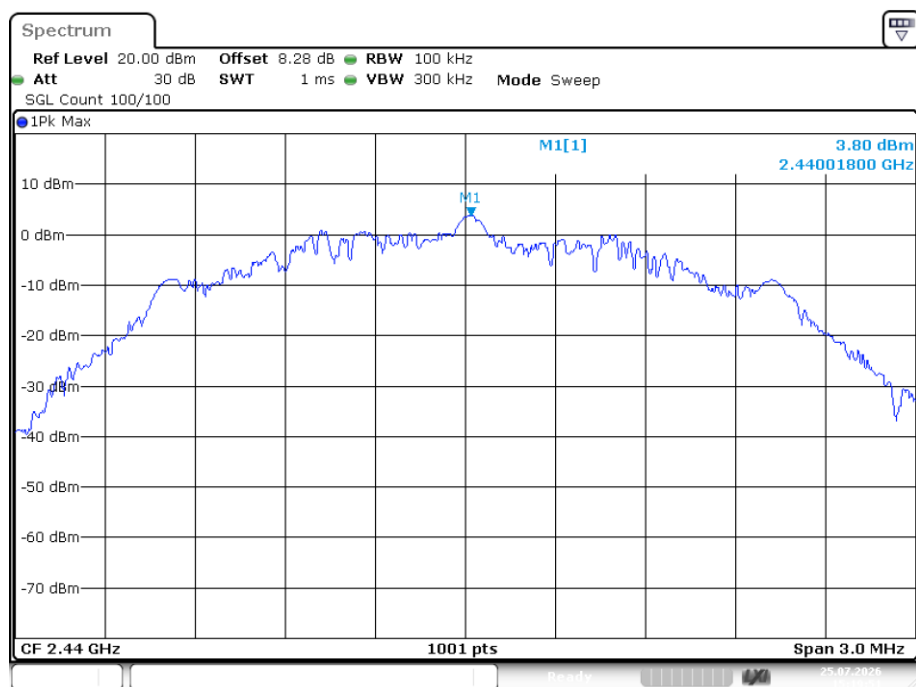
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



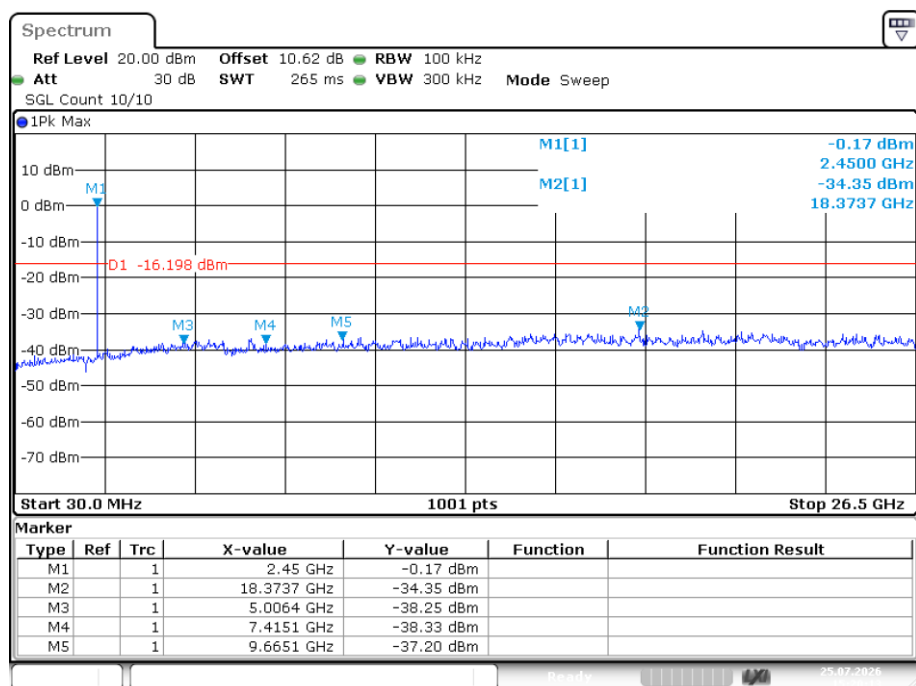
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



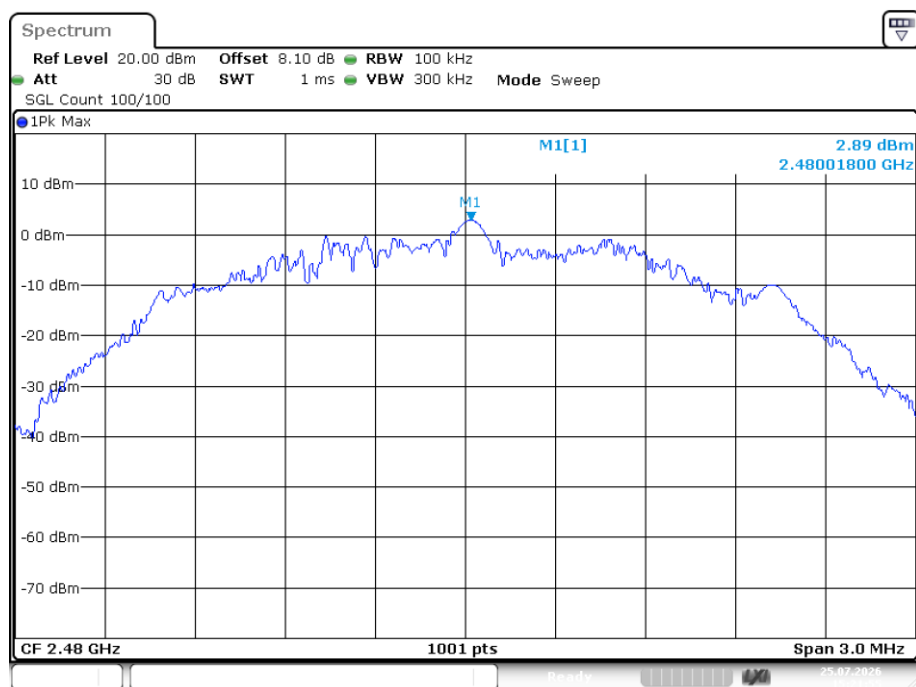
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



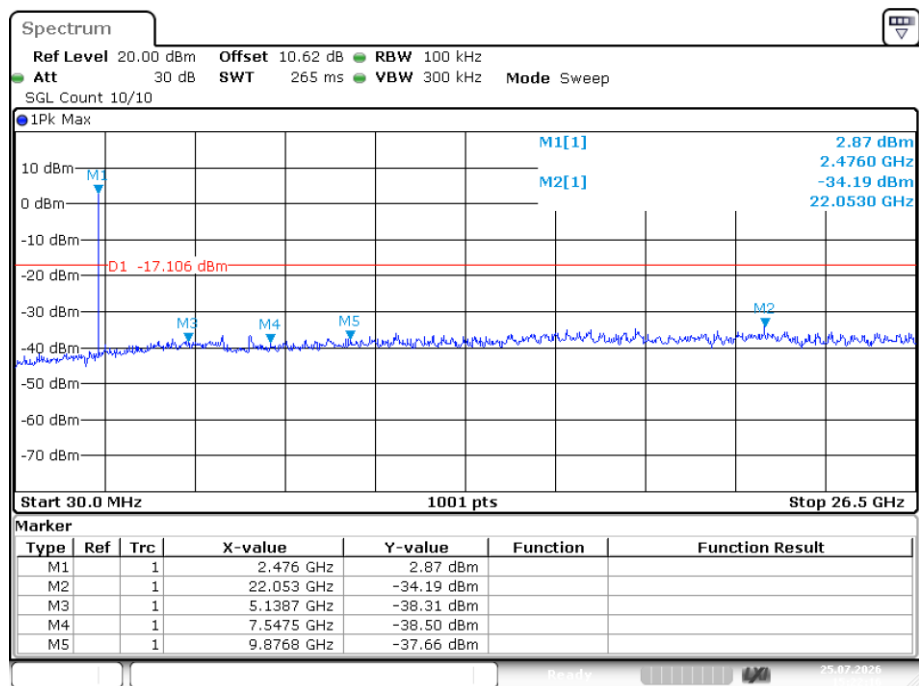
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission



Date: 25.JUL.2026 15:22:16