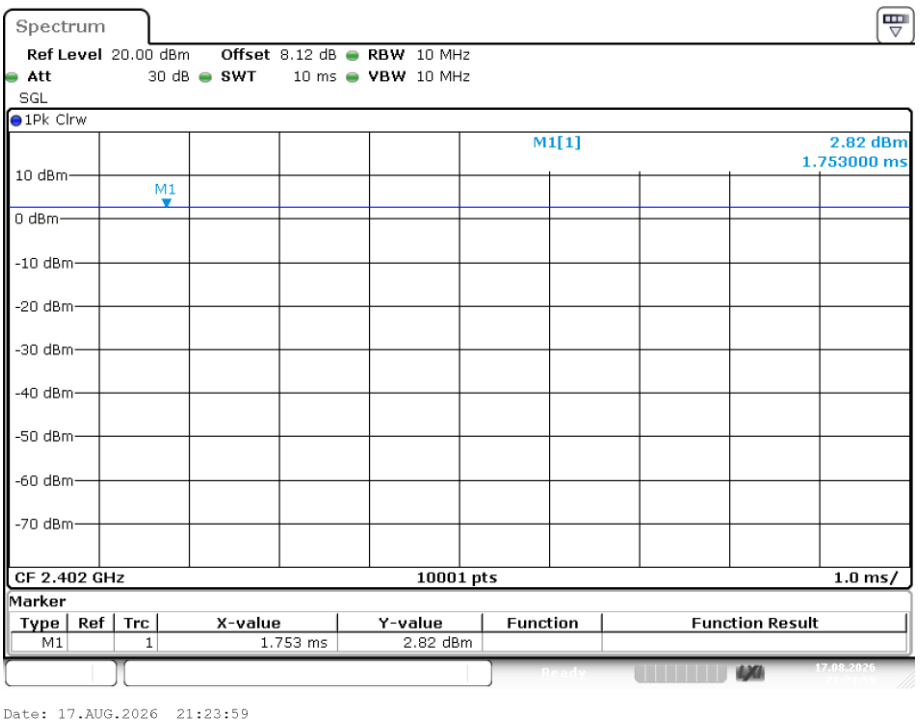
# Appendix of BLE data

**Duty Cycle**

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|---|---|---|---|---|---|
| NVNT | BLE 1M | 2402 | Ant1 | 100 | 0 |
| NVNT | BLE 1M | 2440 | Ant1 | 100 | 0 |
| NVNT | BLE 1M | 2480 | Ant1 | 100 | 0 |

Duty Cycle NVNT BLE 1M 2402MHz Ant1




Duty Cycle NVNT BLE 1M 2440MHz Ant1

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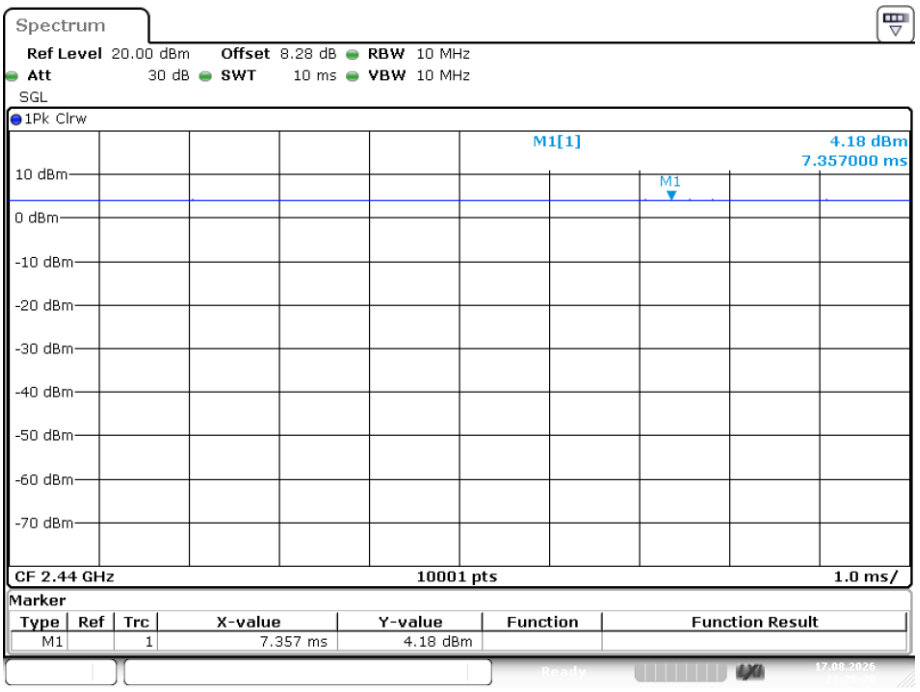
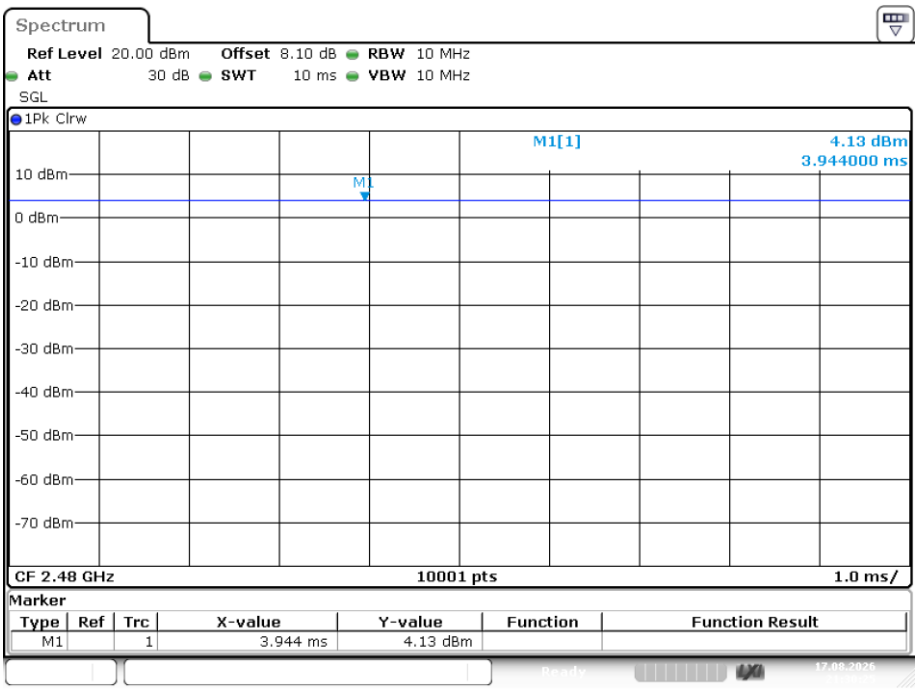



Date: 17.AUG.2026 21:28:20

Duty Cycle NVNT BLE 1M 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 | 2.823 | 30 | Pass |
| NVNT | BLE 1M | 2440 | Ant1 | 4.121 | 30 | Pass |
| NVNT | BLE 1M | 2480 | Ant1 | 4.054 | 30 | Pass |

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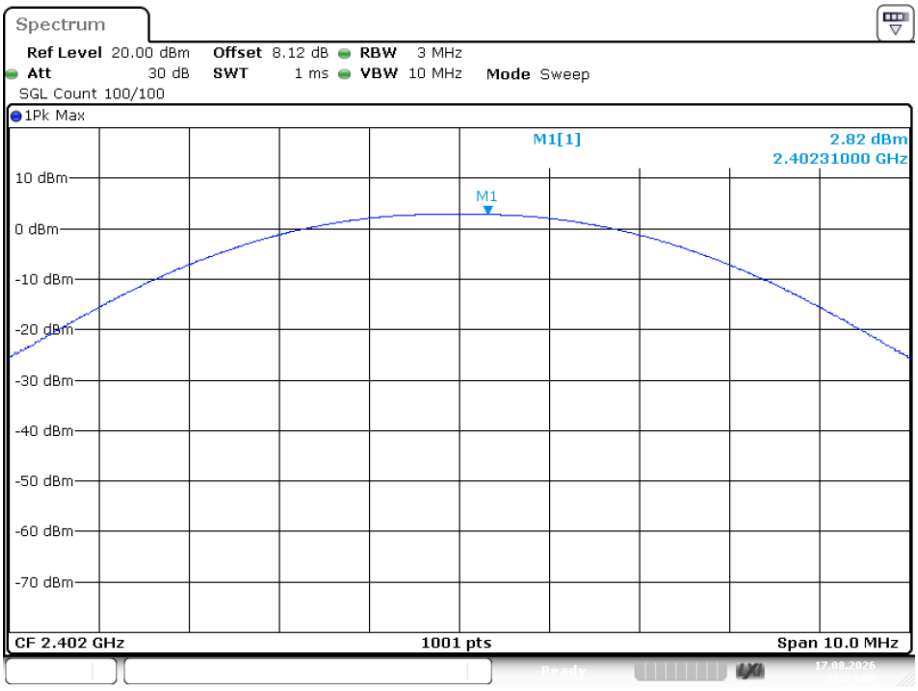
Power NVNT BLE 1M 2402MHz Ant1

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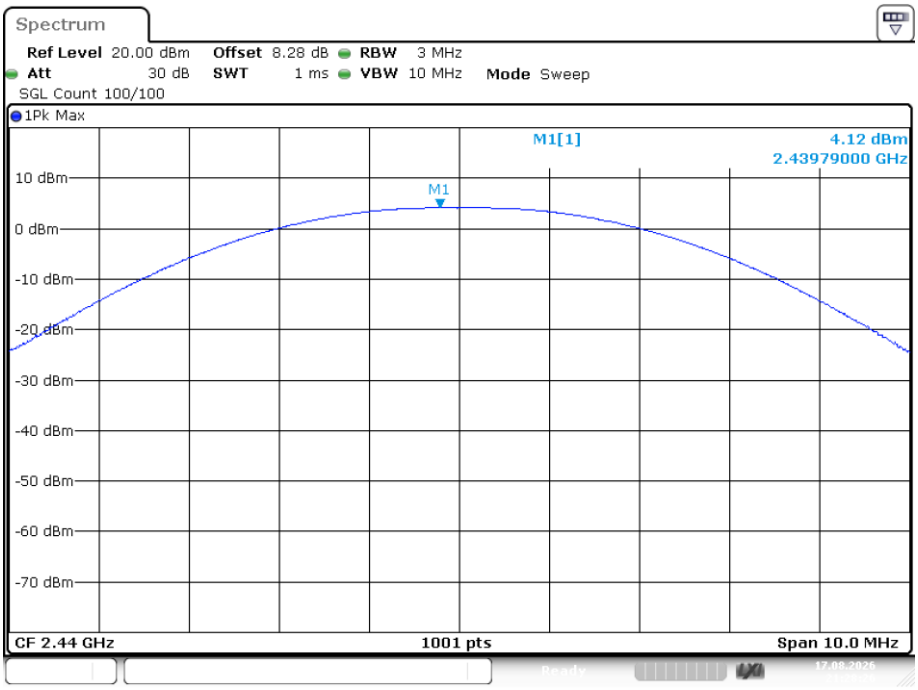
Power NVNT BLE 1M 2440MHz Ant1

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Power NVNT BLE 1M 2480MHz Ant1

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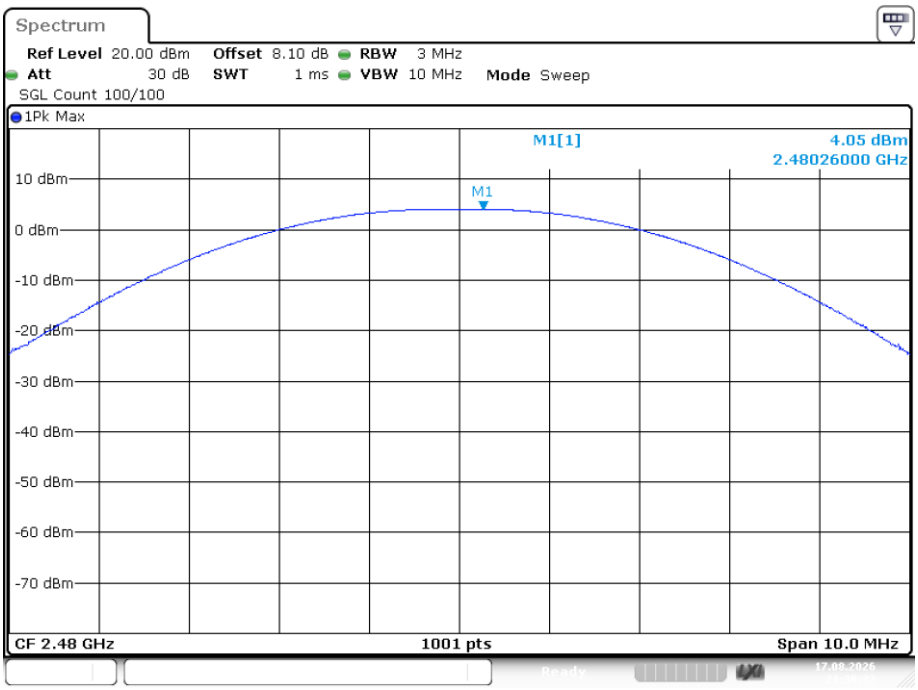


**-6dB Bandwidth**

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | BLE 1M | 2402 | Ant1 | 0.689 | 0.5 | Pass |
| NVNT | BLE 1M | 2440 | Ant1 | 0.679 | 0.5 | Pass |
| NVNT | BLE 1M | 2480 | Ant1 | 0.656 | 0.5 | Pass |

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1

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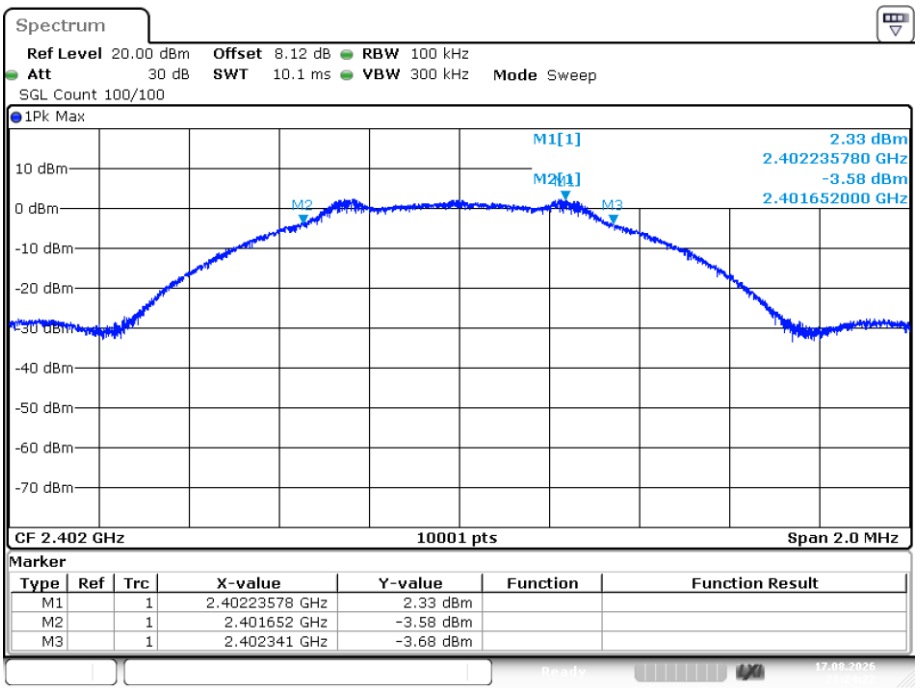


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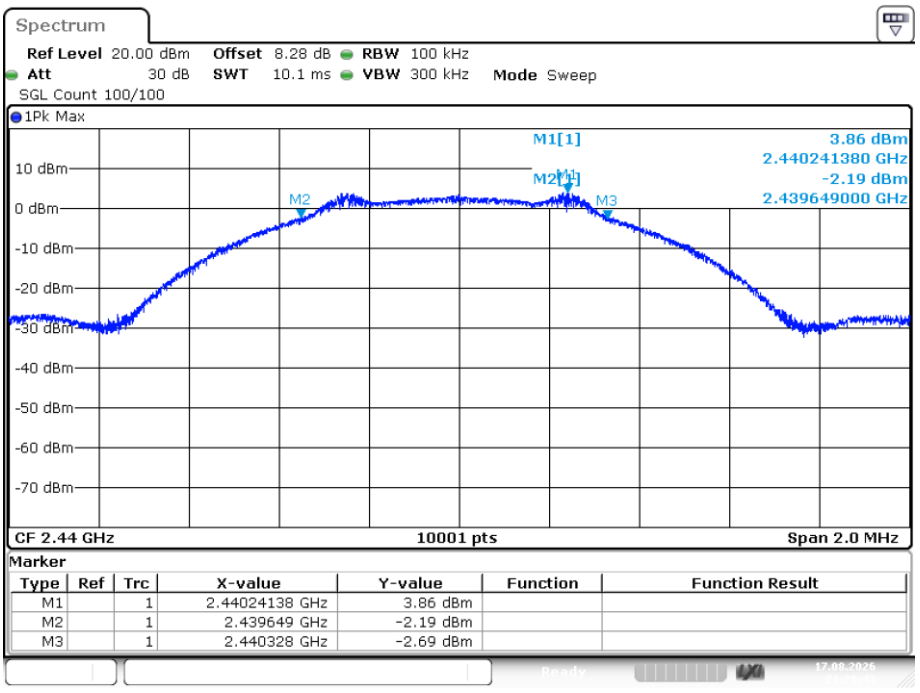
-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1

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-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1

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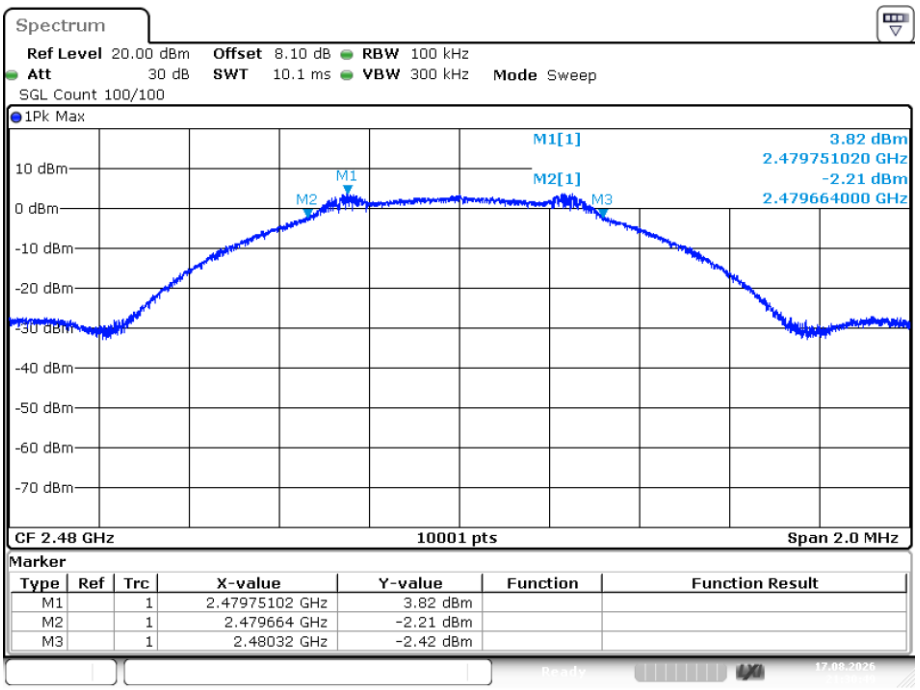


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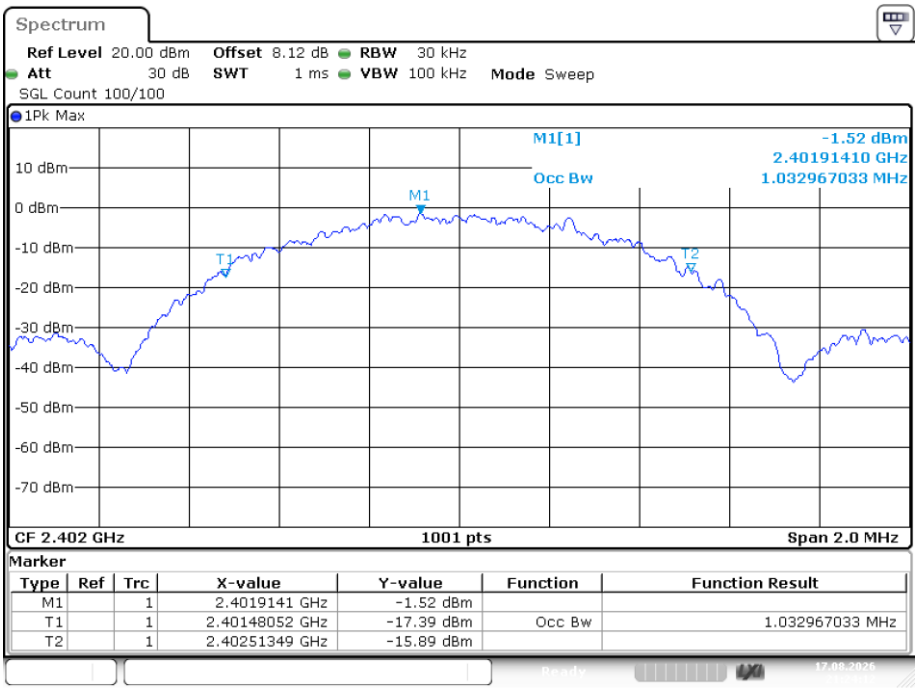
**Occupied Channel Bandwidth**

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|---|---|---|---|---|
| NVNT | BLE 1M | 2402 | Ant1 | 1.033 |
| NVNT | BLE 1M | 2440 | Ant1 | 1.049 |
| NVNT | BLE 1M | 2480 | Ant1 | 1.009 |

OBW NVNT BLE 1M 2402MHz Ant1

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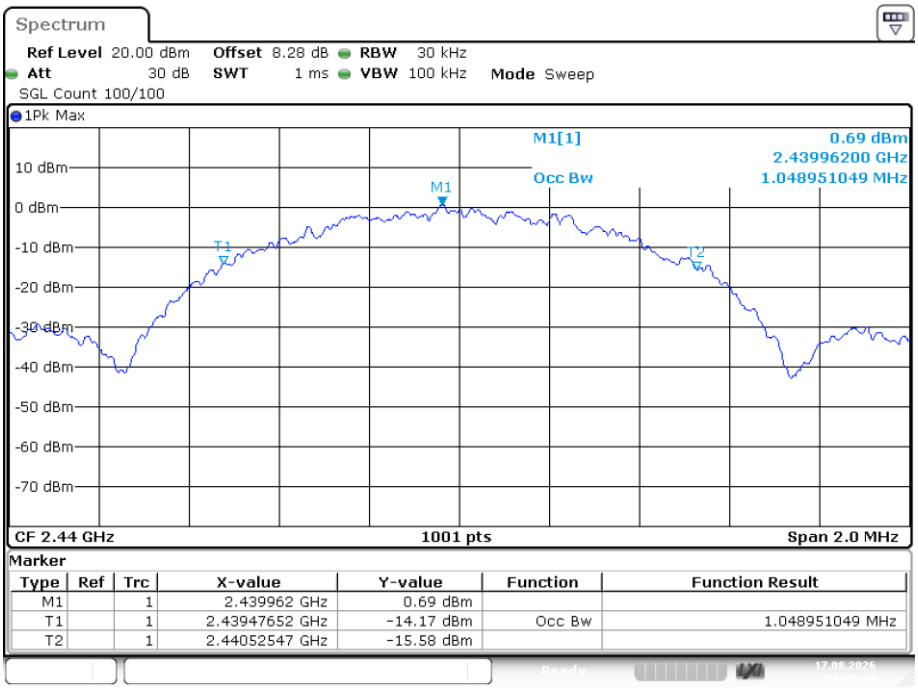
OBW NVNT BLE 1M 2440MHz Ant1

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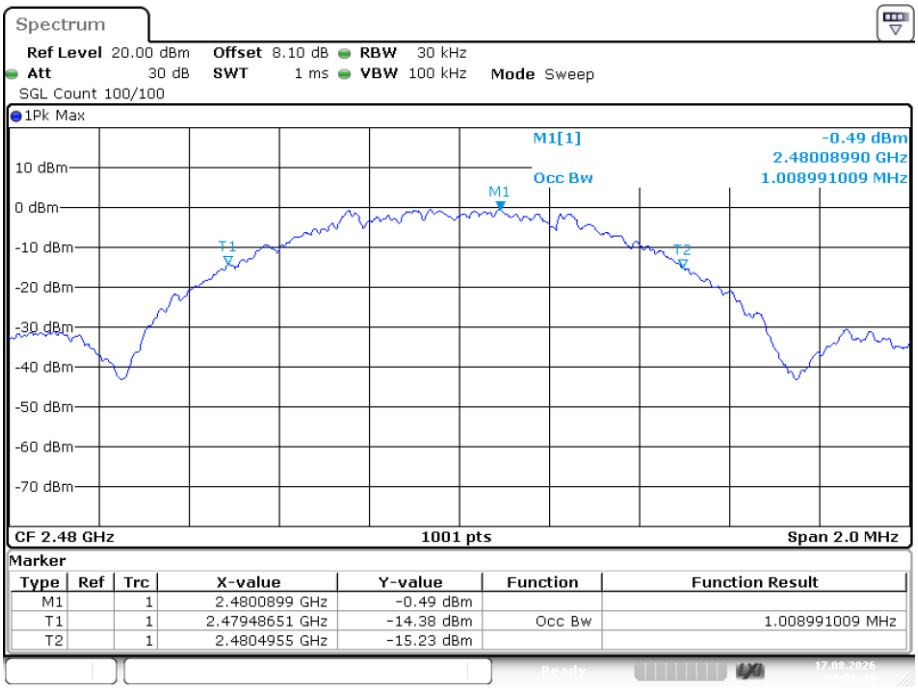
OBW NVNT BLE 1M 2480MHz Ant1




Date: 17.AUG.2026 21:30:40

**Maximum Power Spectral Density Level**

| Condition | Mode | Frequency (MHz) | Antenna | Conduct PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | BLE | 2402 | Ant1 | -9.483 | 0 | -9.483 | 8 | Pass |

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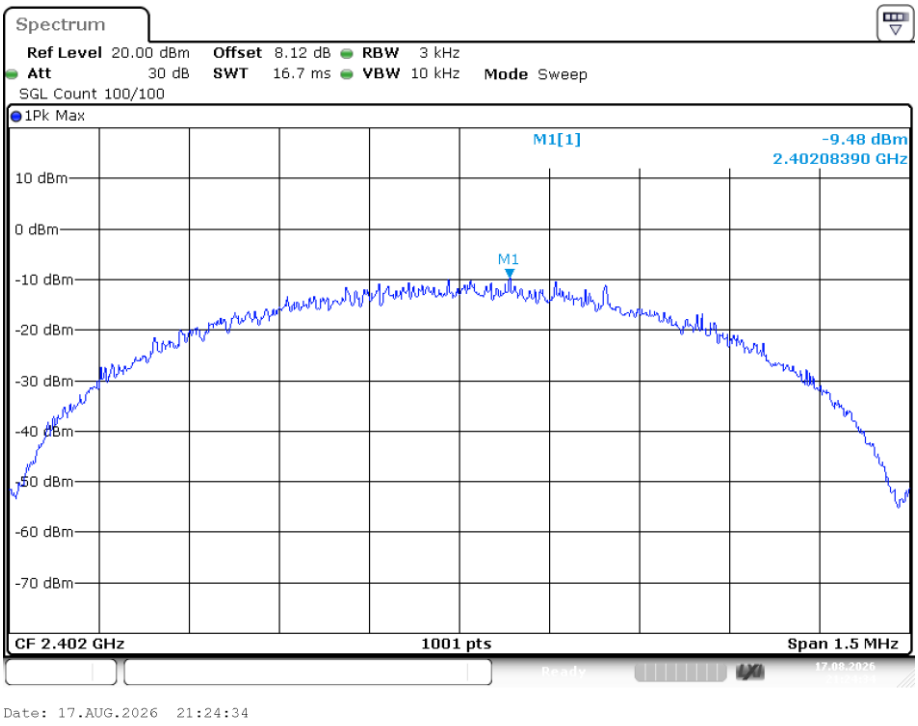
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1M | | | | | | | |
| NVNT | BLE 1M | 2440 | Ant1 | -8.364 | 0 | -8.364 | 8 | Pass |
| NVNT | BLE 1M | 2480 | Ant1 | -7.304 | 0 | -7.304 | 8 | Pass |

PSD NVNT BLE 1M 2402MHz Ant1




PSD NVNT BLE 1M 2440MHz Ant1

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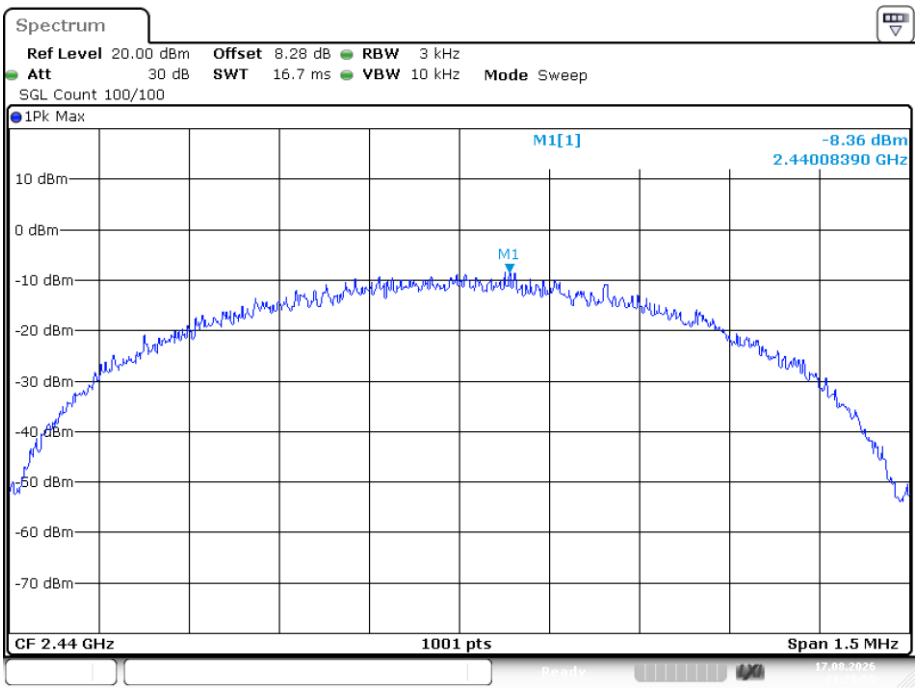
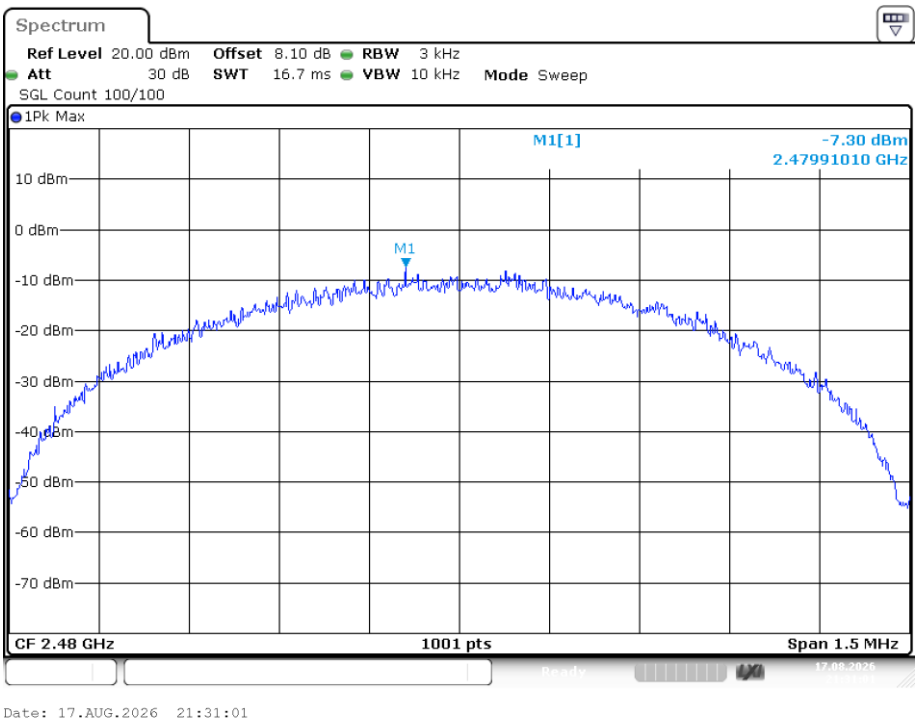



PSD NVNT BLE 1M 2480MHz Ant1




**Band Edge**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | BLE 1M | 2402 | Ant1 | -45.45 | -20 | Pass |
| NVNT | BLE 1M | 2480 | Ant1 | -45.3 | -20 | Pass |

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref

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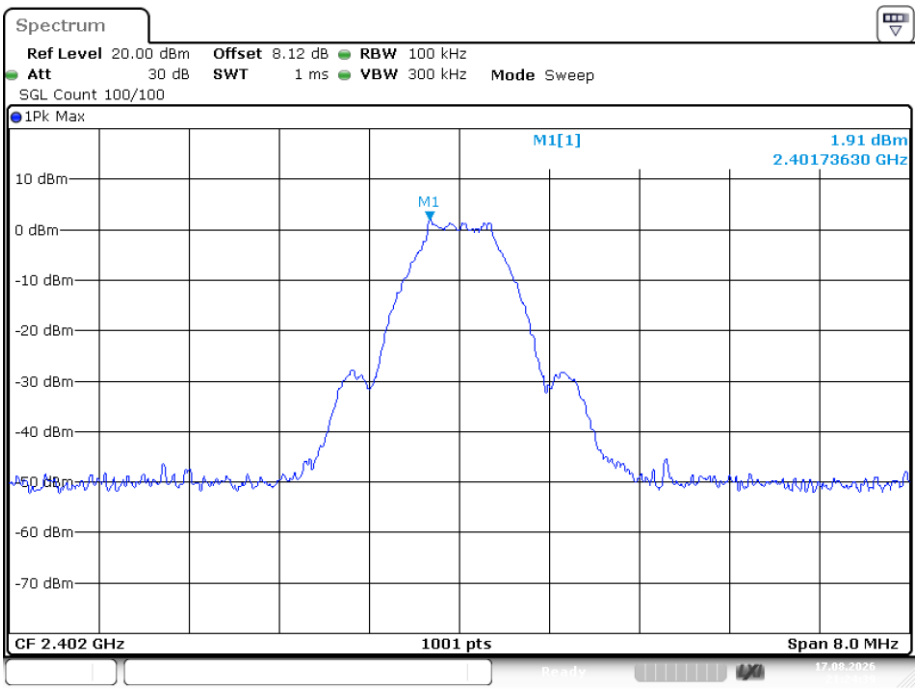
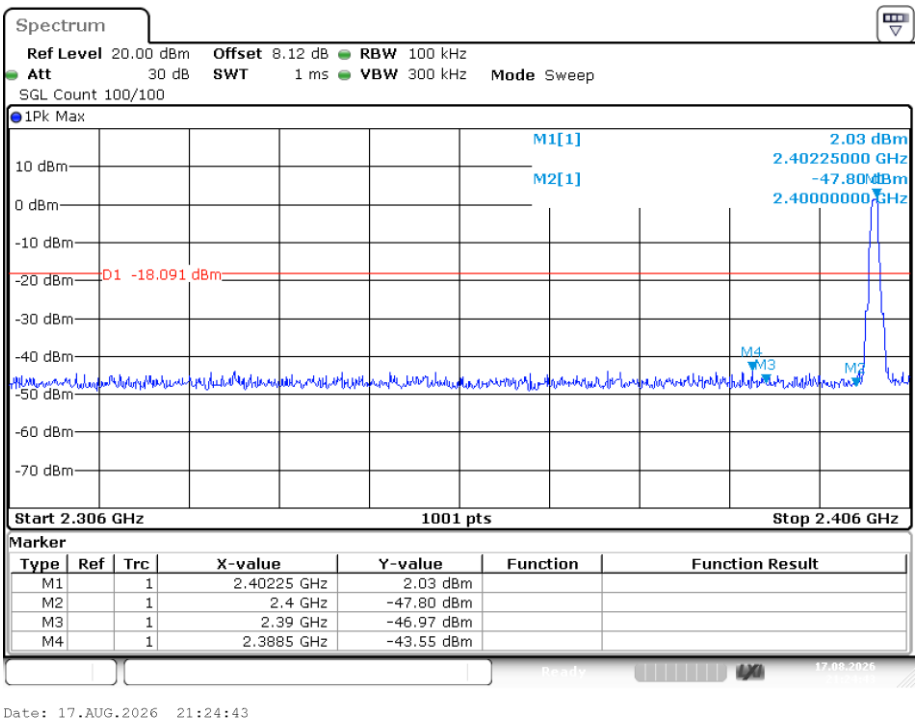



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission




Band Edge NVNT BLE 1M 2480MHz Ant1 Ref

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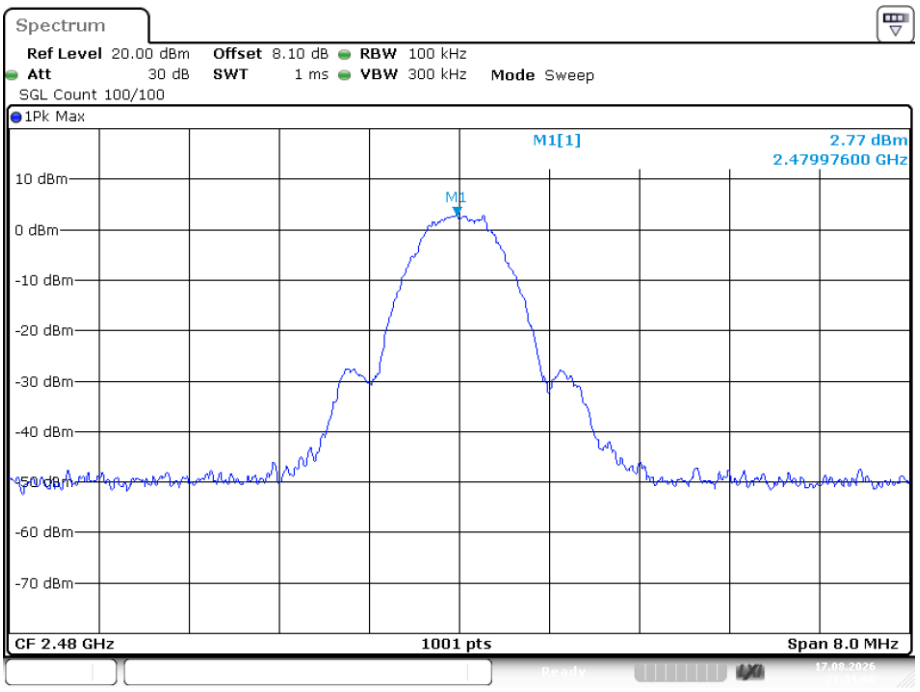


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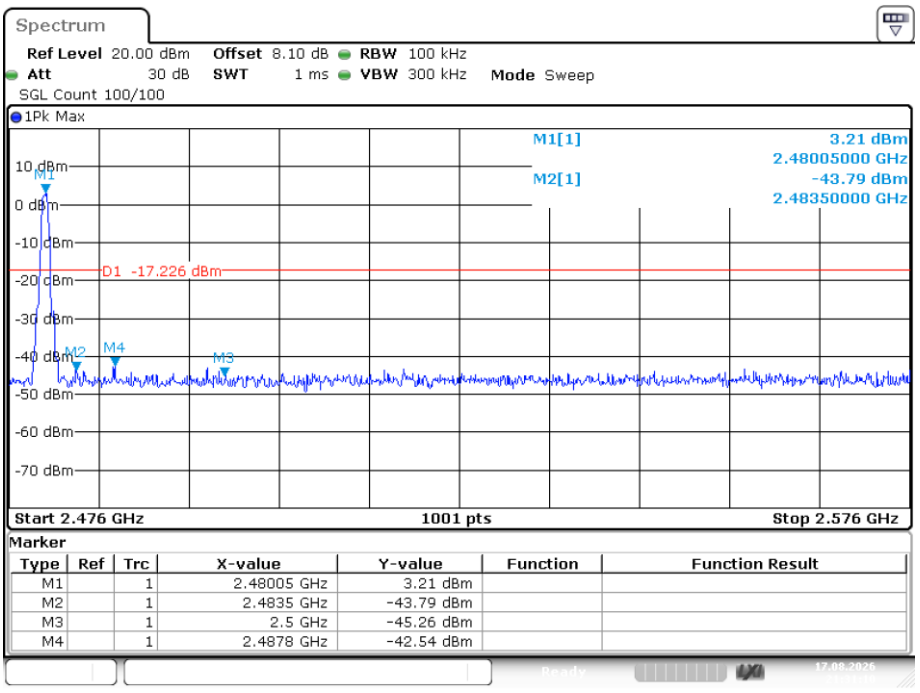
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission




Date: 17.AUG.2026 21:31:10

**Conducted RF Spurious Emission**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | BLE 1M | 2402 | Ant1 | -41.59 | -20 | Pass |
| NVNT | BLE 1M | 2440 | Ant1 | -44.09 | -20 | Pass |
| NVNT | BLE 1M | 2480 | Ant1 | -43.1 | -20 | Pass |

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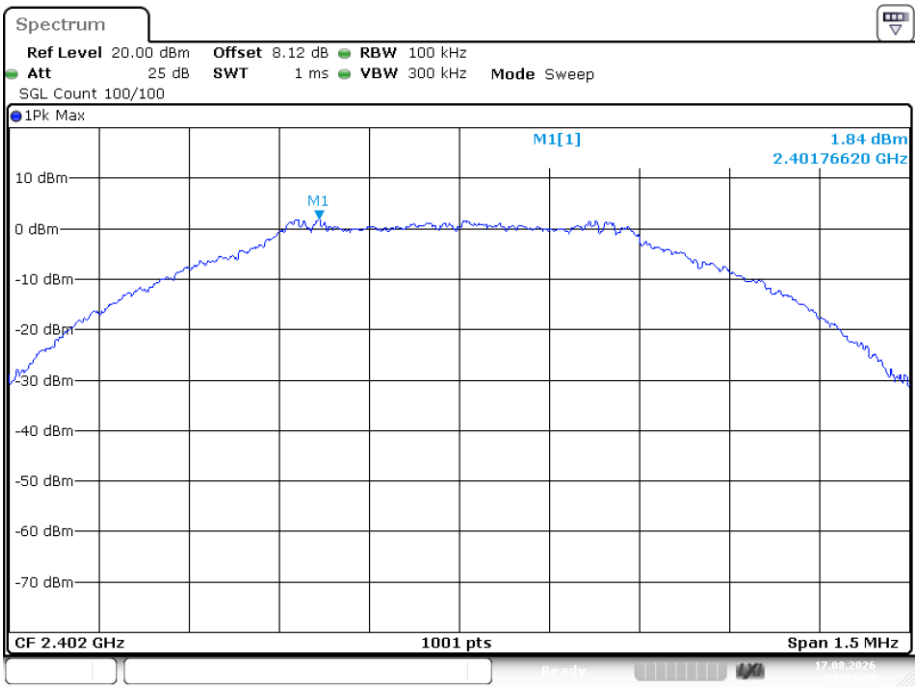
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref

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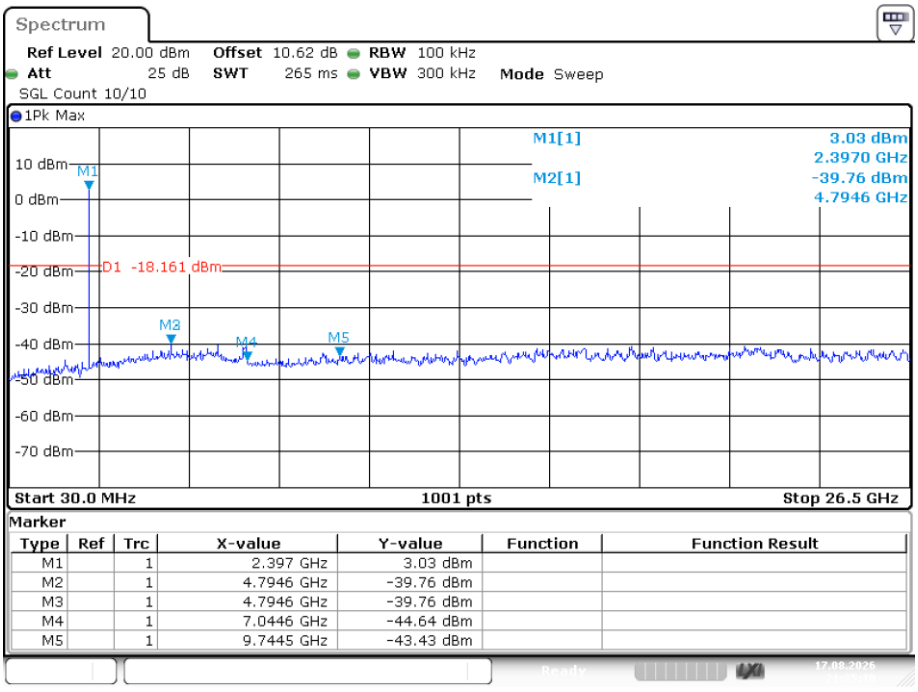
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.397 GHz | 3.03 dBm | | |
| M2 | | 1 | 4.7946 GHz | -39.76 dBm | | |
| M3 | | 1 | 4.7946 GHz | -39.76 dBm | | |
| M4 | | 1 | 7.0446 GHz | -44.64 dBm | | |
| M5 | | 1 | 9.7445 GHz | -43.43 dBm | | |

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Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref

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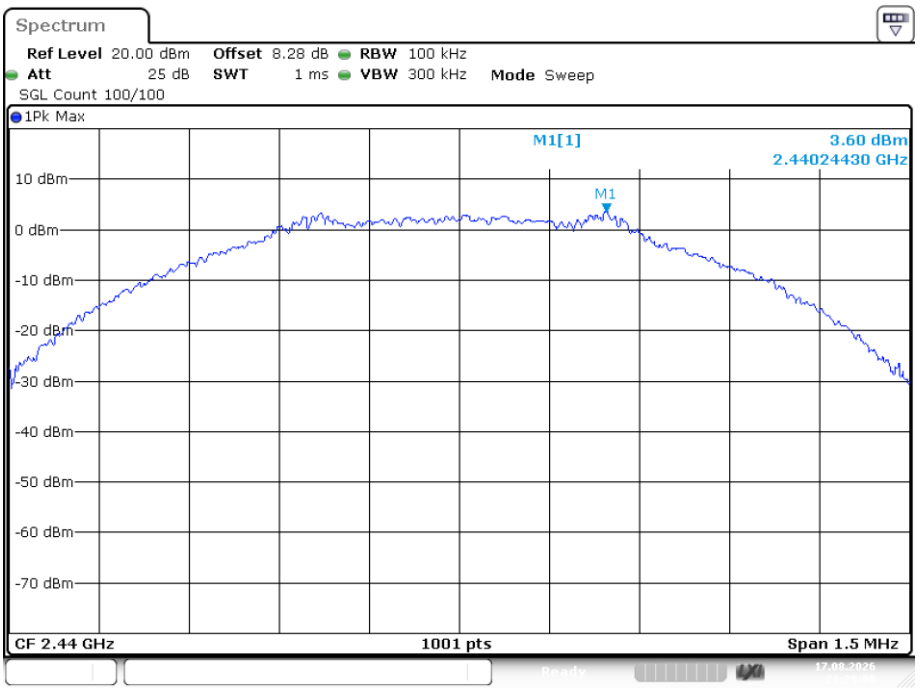
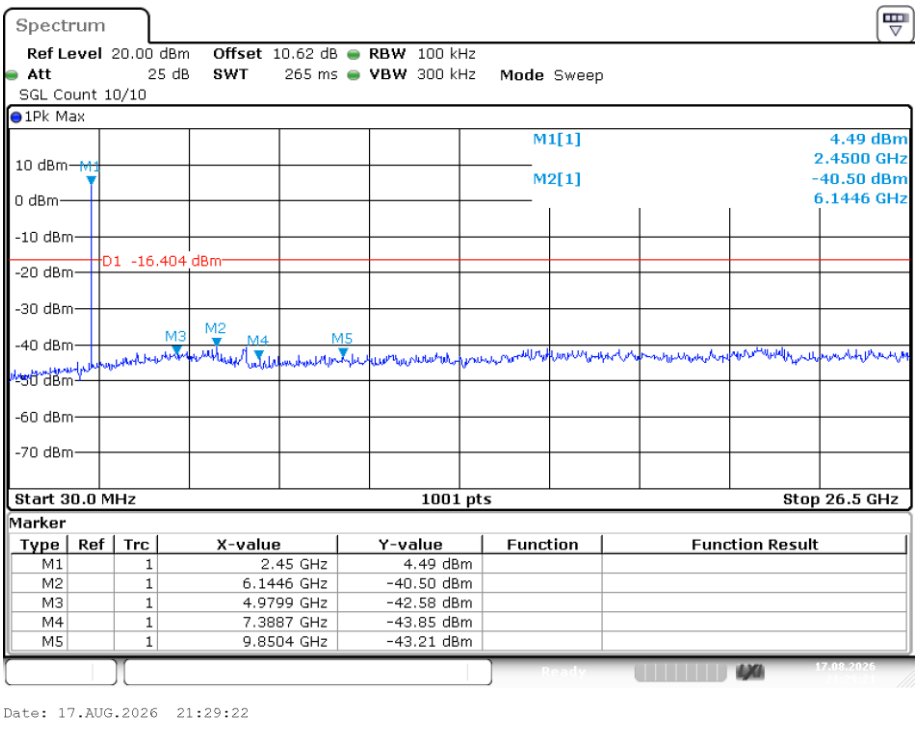



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission




Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref

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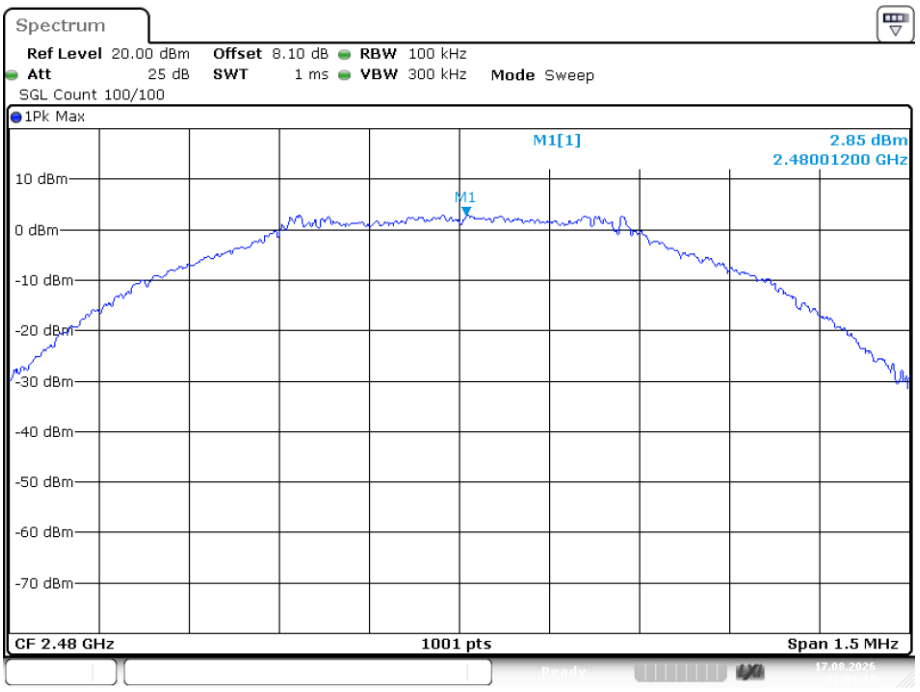


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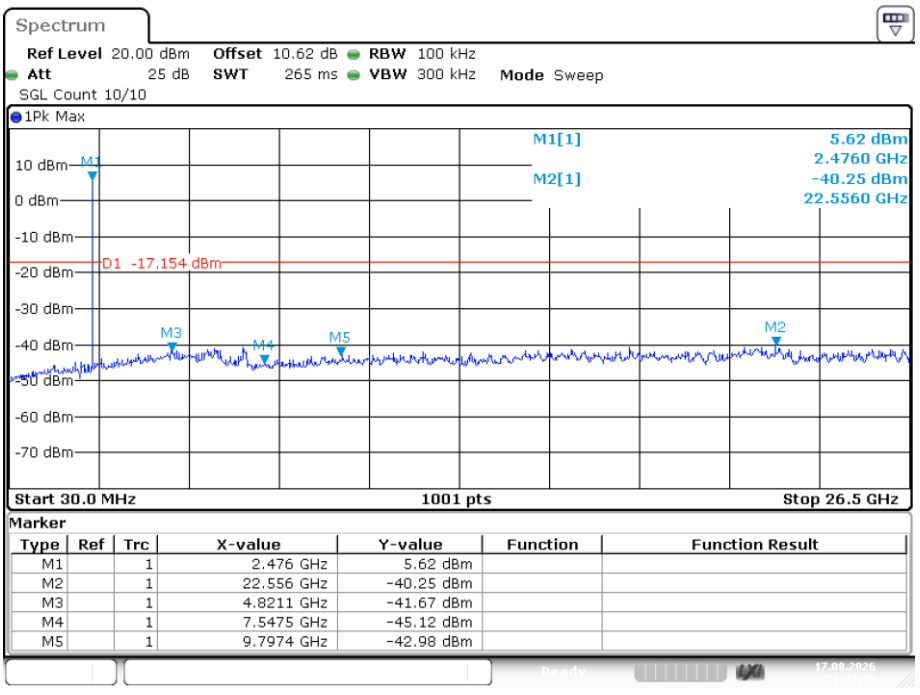
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.476 GHz | 5.62 dBm | | |
| M2 | | 1 | 22.556 GHz | -40.25 dBm | | |
| M3 | | 1 | 4.8211 GHz | -41.67 dBm | | |
| M4 | | 1 | 7.5475 GHz | -45.12 dBm | | |
| M5 | | 1 | 9.7974 GHz | -42.98 dBm | | |

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