

## Appendix: Bluetooth LE

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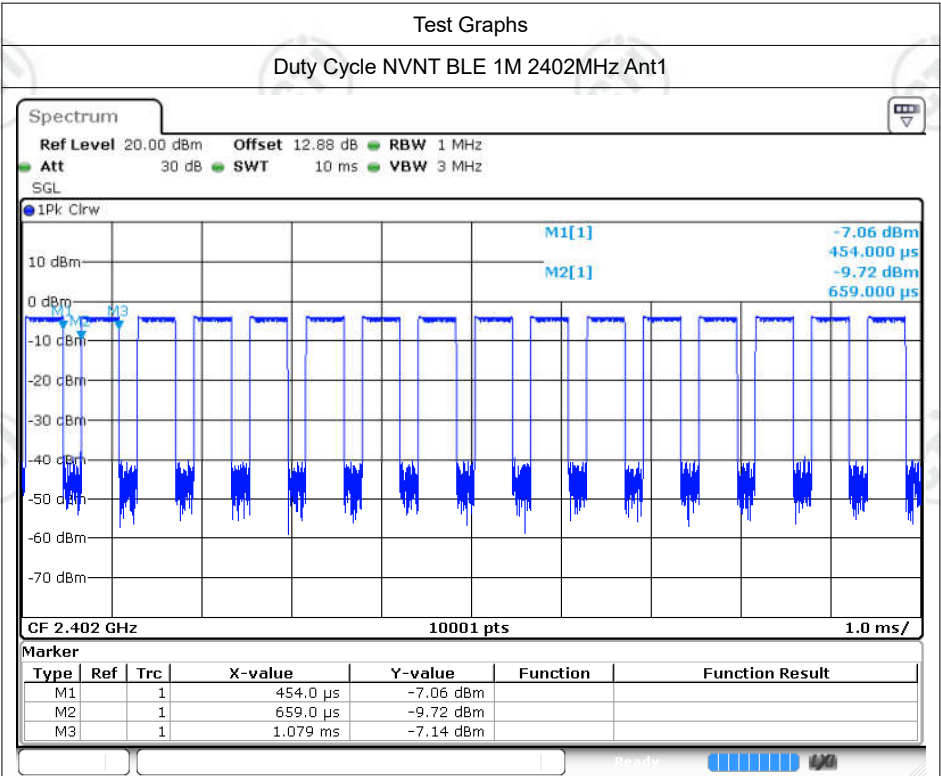
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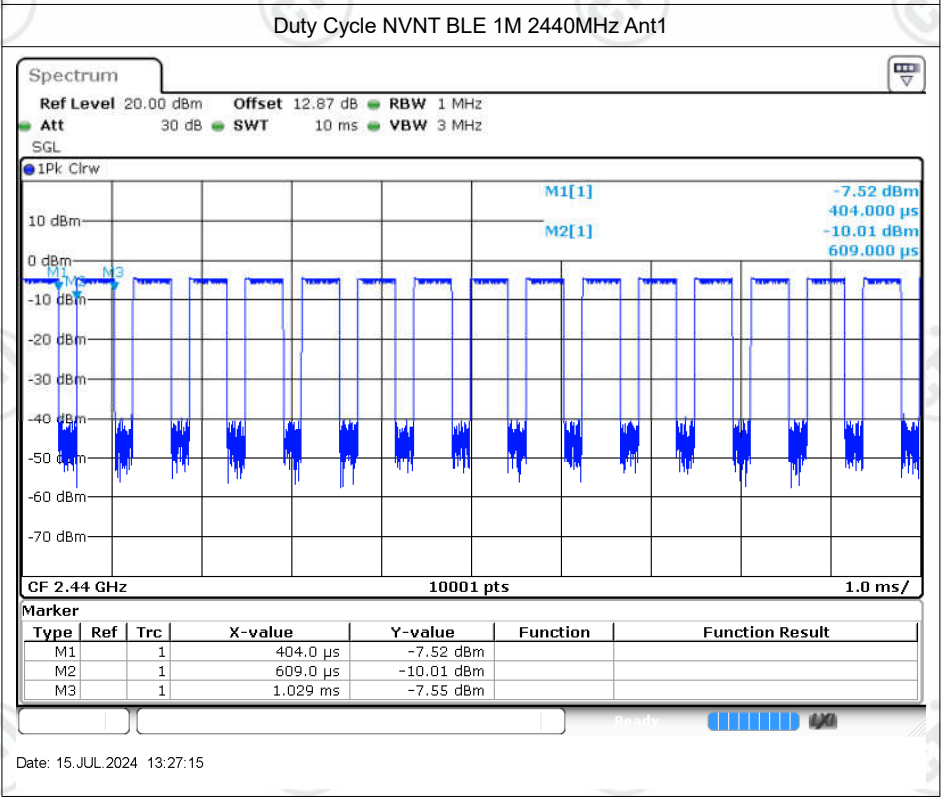
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Duty Cycle

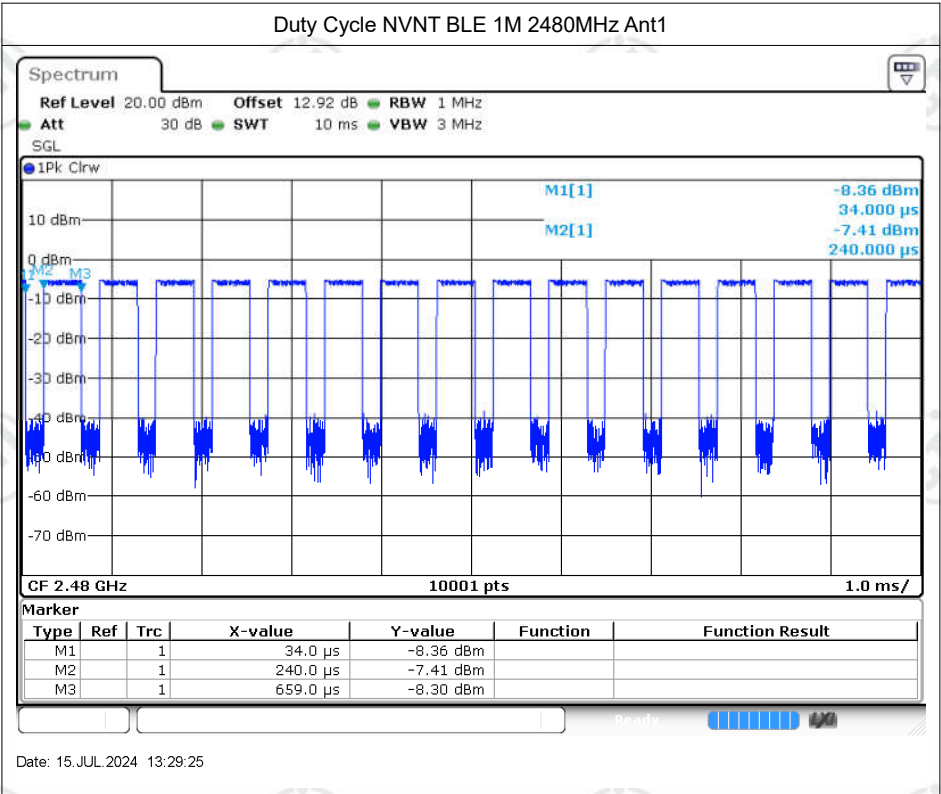
| Condition | Mode   | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|--------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | BLE 1M | 2402            | Ant1    | 67.2           | 1.73                   | 2.38      |
| NVNT      | BLE 1M | 2440            | Ant1    | 67.2           | 1.73                   | 2.38      |
| NVNT      | BLE 1M | 2480            | Ant1    | 67.04          | 1.74                   | 2.39      |



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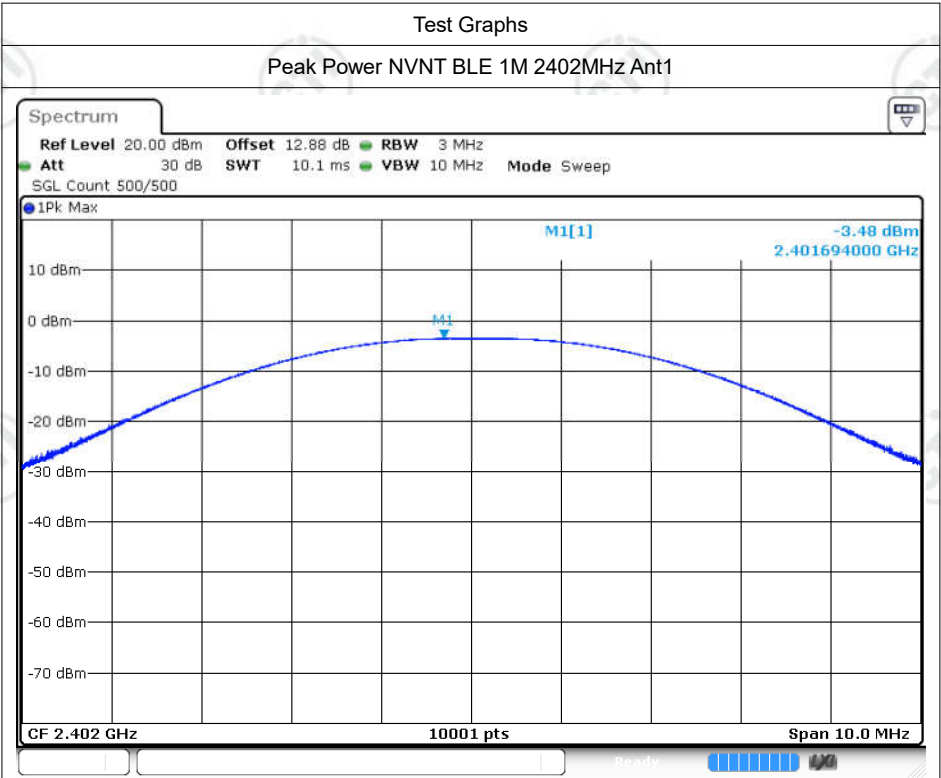


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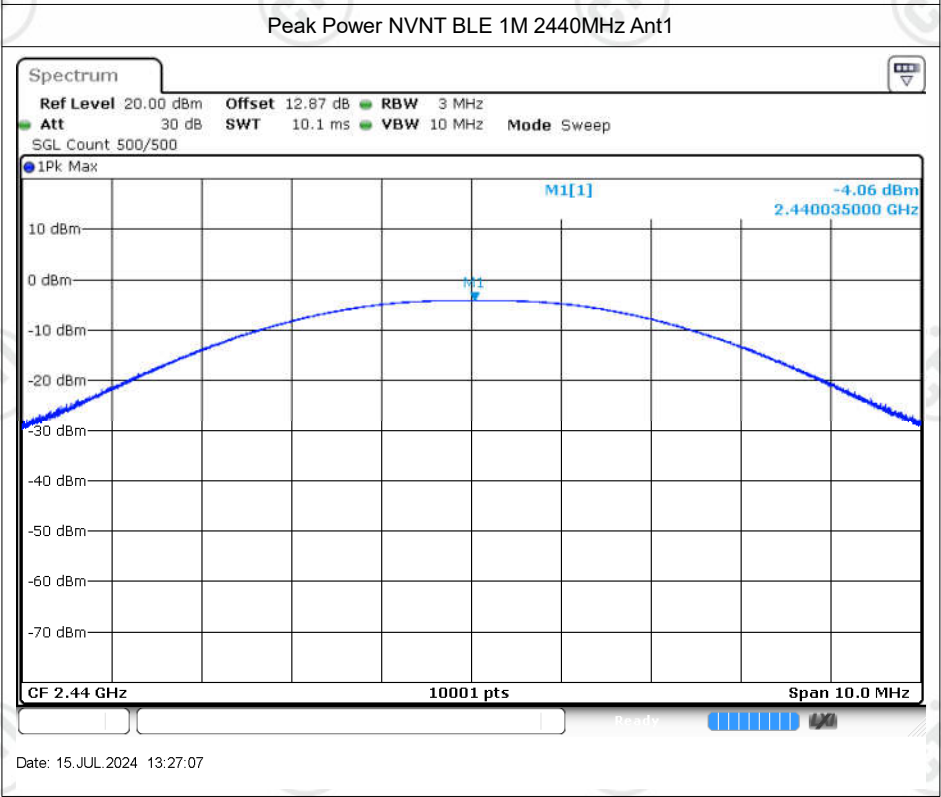


Maximum Peak Conducted Output Power

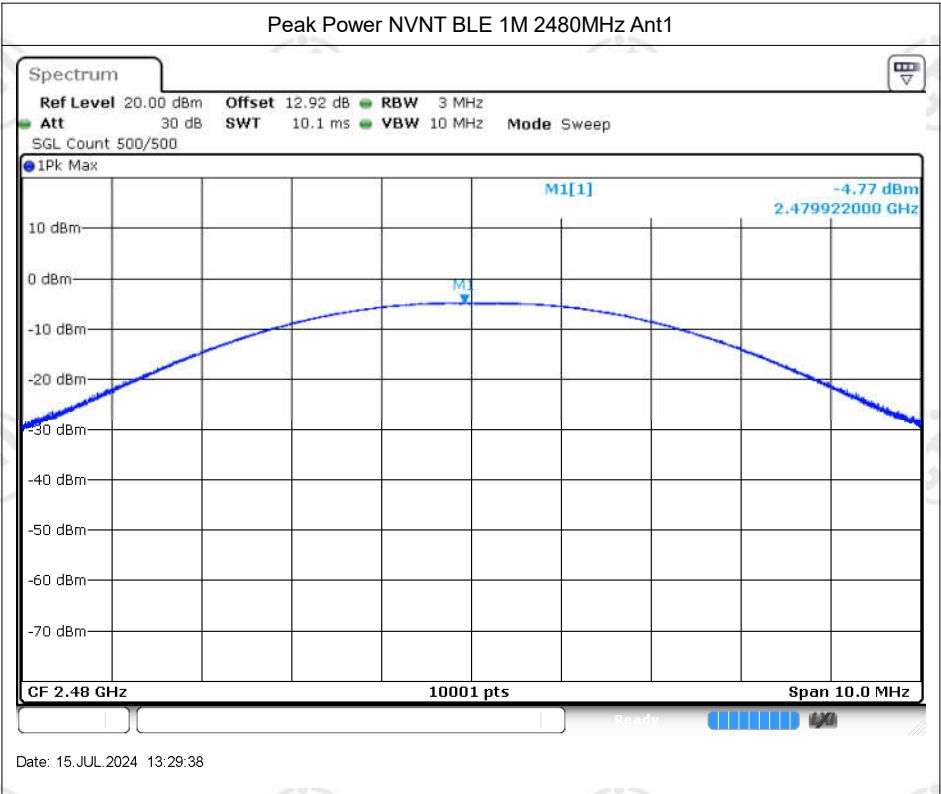
| Condition | Mode   | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|--------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | BLE 1M | 2402               | Ant1    | -3.48                    | 30             | Pass    |
| NVNT      | BLE 1M | 2440               | Ant1    | -4.06                    | 30             | Pass    |
| NVNT      | BLE 1M | 2480               | Ant1    | -4.77                    | 30             | Pass    |



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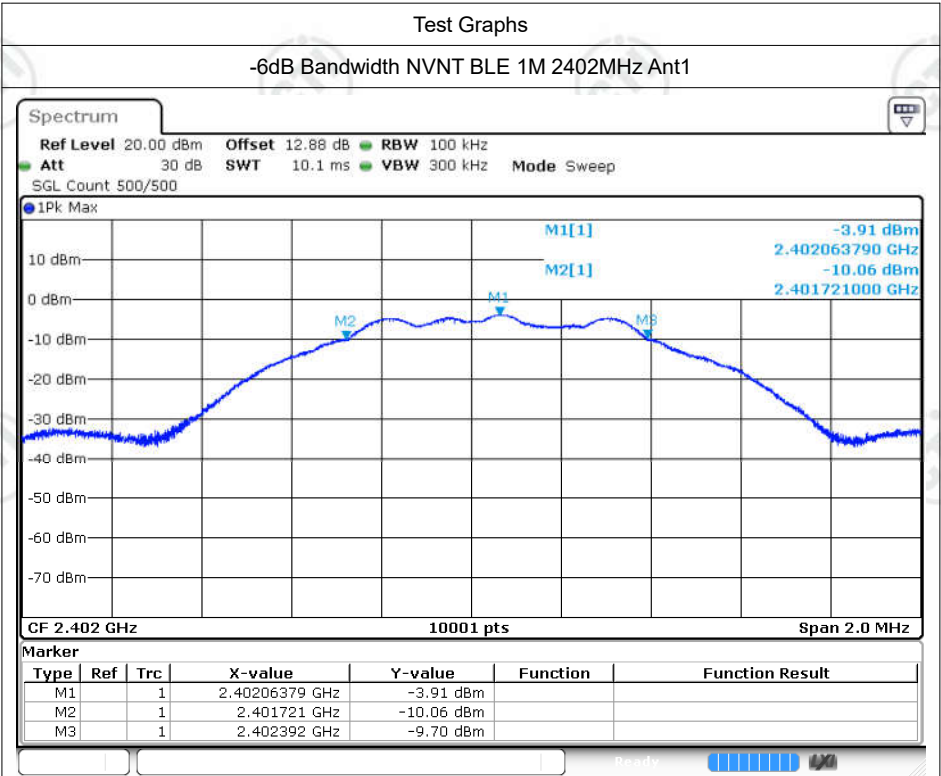


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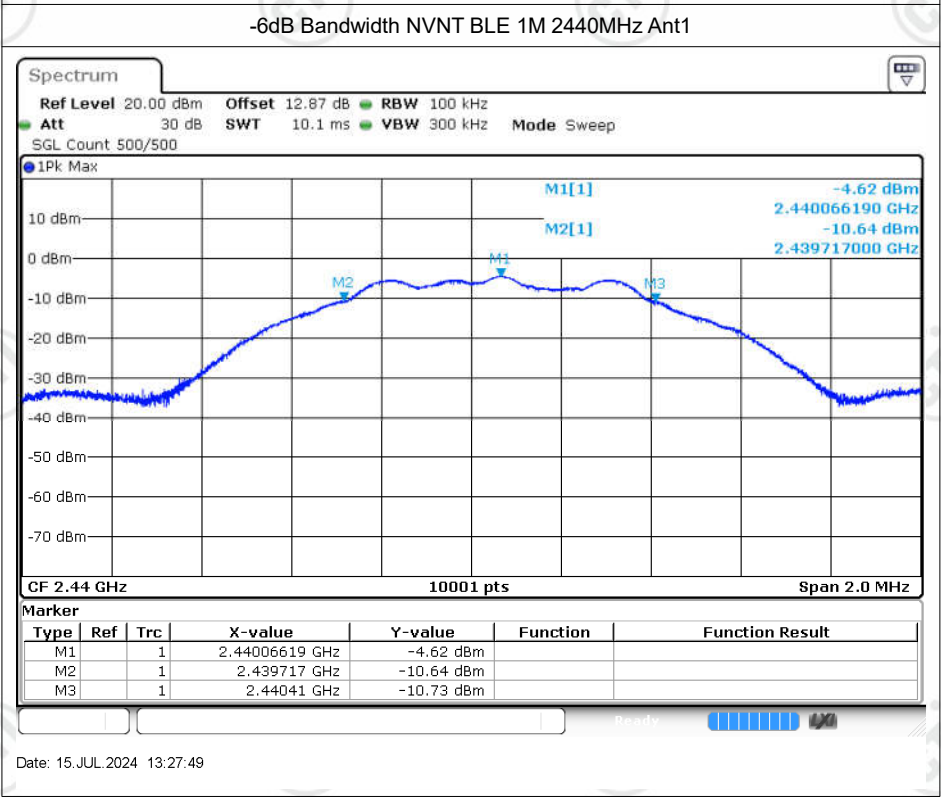


-6dB Bandwidth

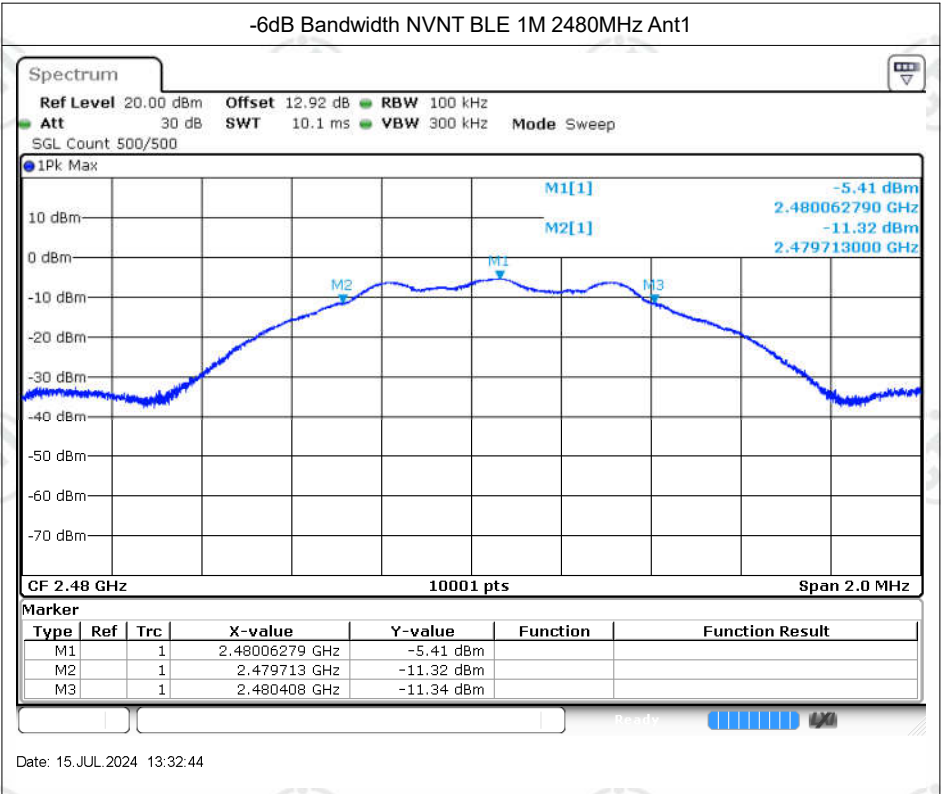
| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.671                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.693                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.695                 | 0.5                         | Pass    |



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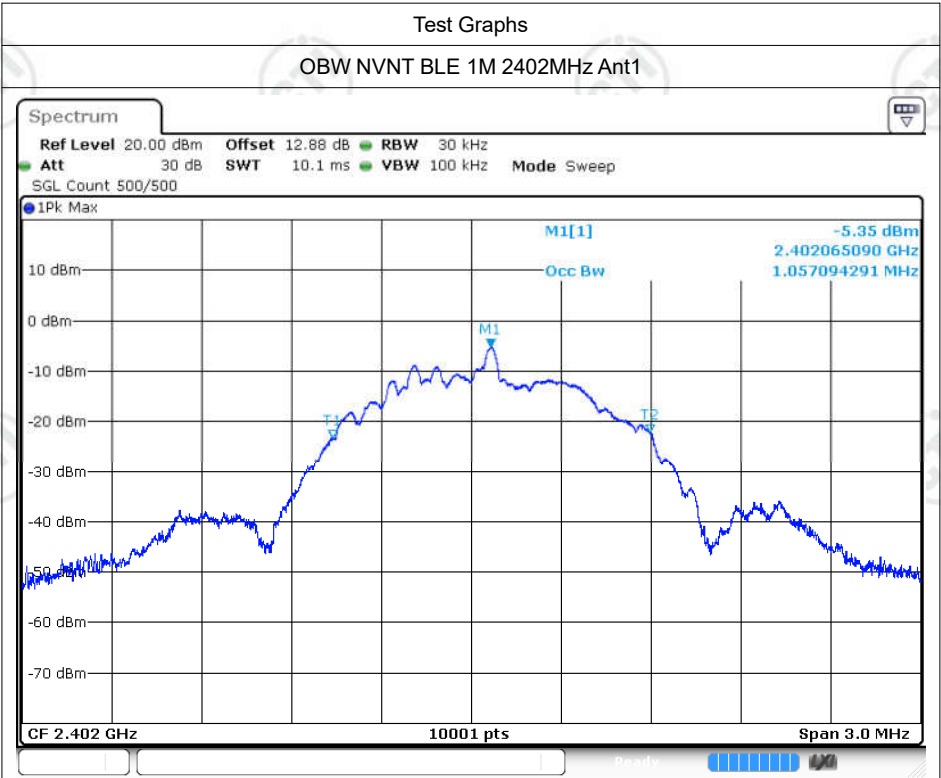


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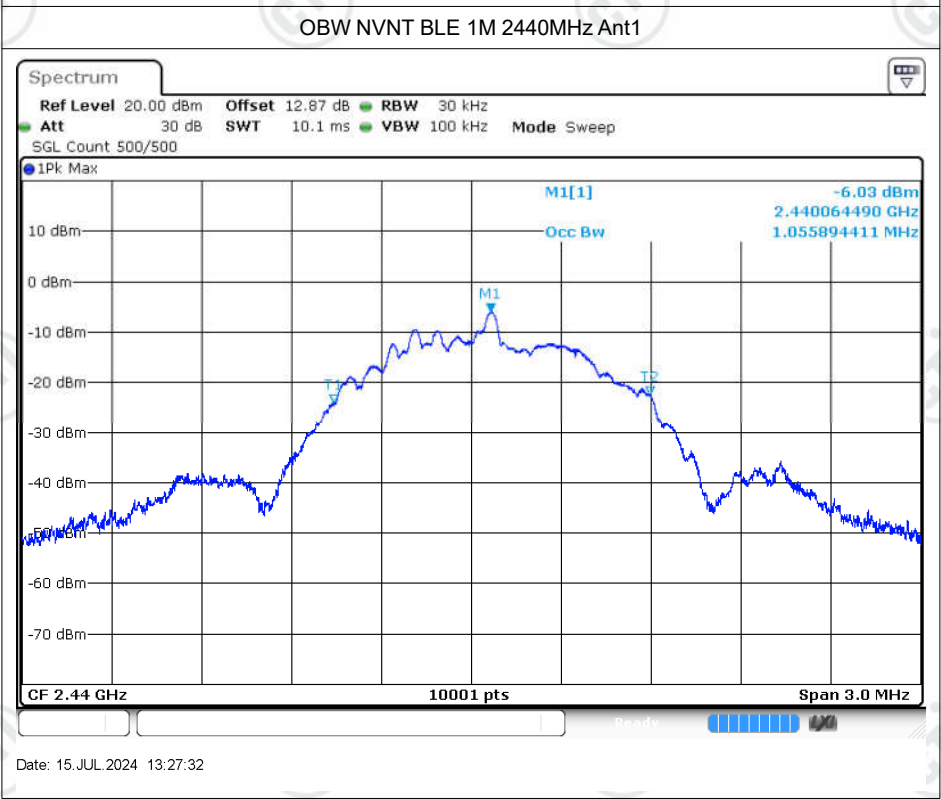


Occupied Channel Bandwidth

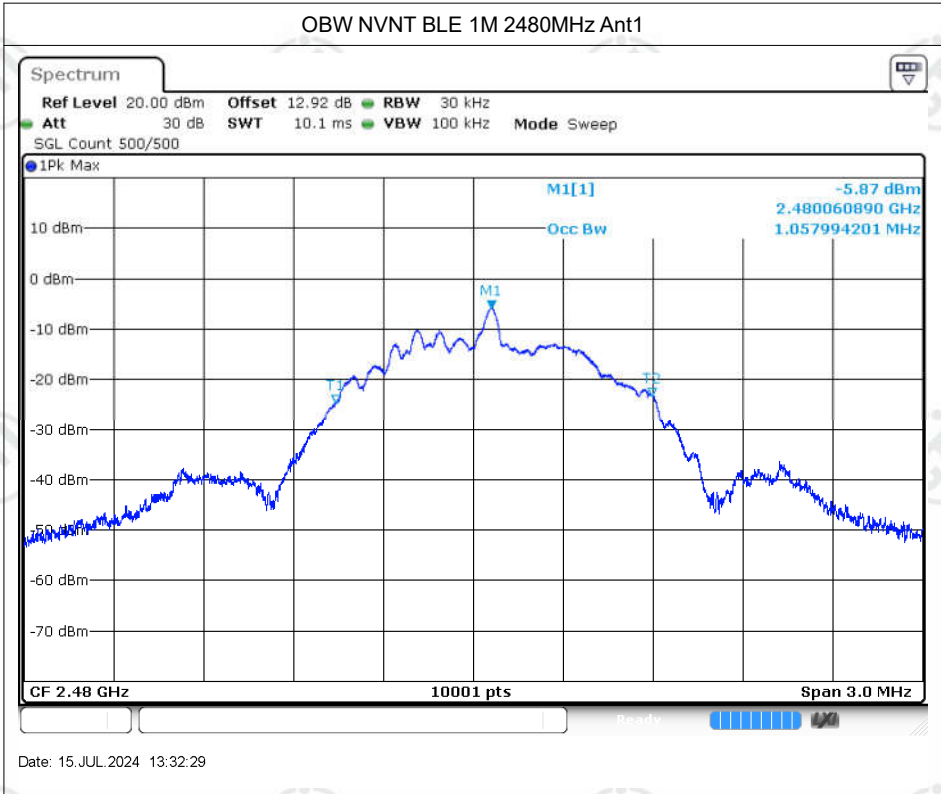
| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.057         |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.056         |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.058         |



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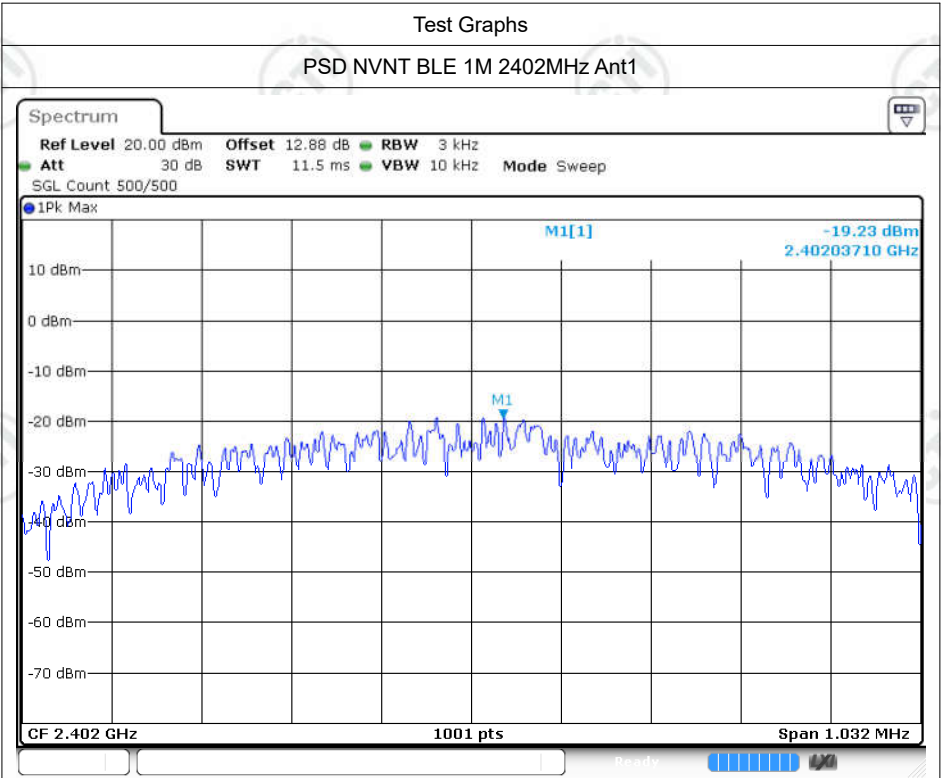


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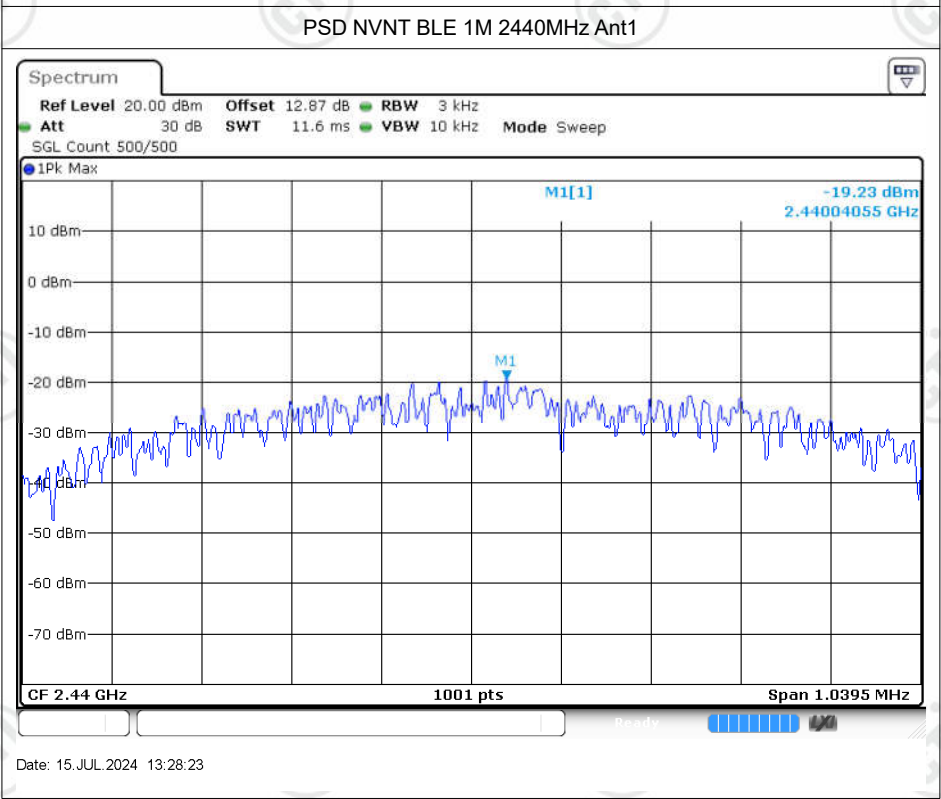


Maximum Power Spectral Density Level

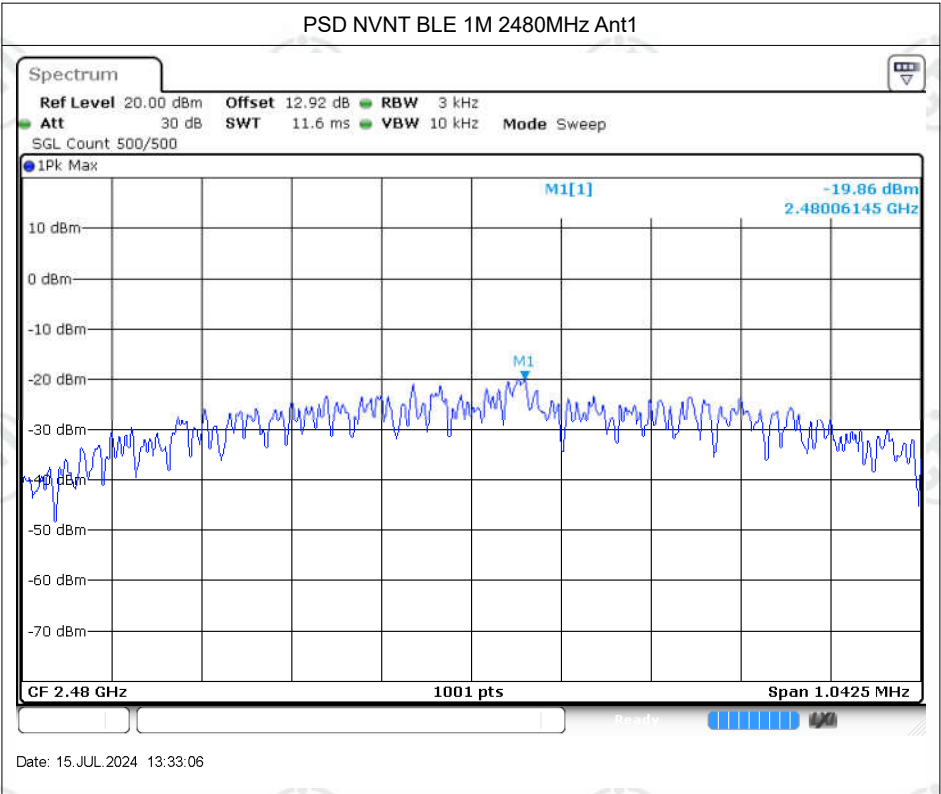
| Condition | Mode   | Frequency<br>(MHz) | Antenna | Conducted PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|--------|--------------------|---------|-----------------------------|---------------------|---------|
| NVNT      | BLE 1M | 2402               | Ant1    | -19.23                      | 8                   | Pass    |
| NVNT      | BLE 1M | 2440               | Ant1    | -19.23                      | 8                   | Pass    |
| NVNT      | BLE 1M | 2480               | Ant1    | -19.86                      | 8                   | Pass    |



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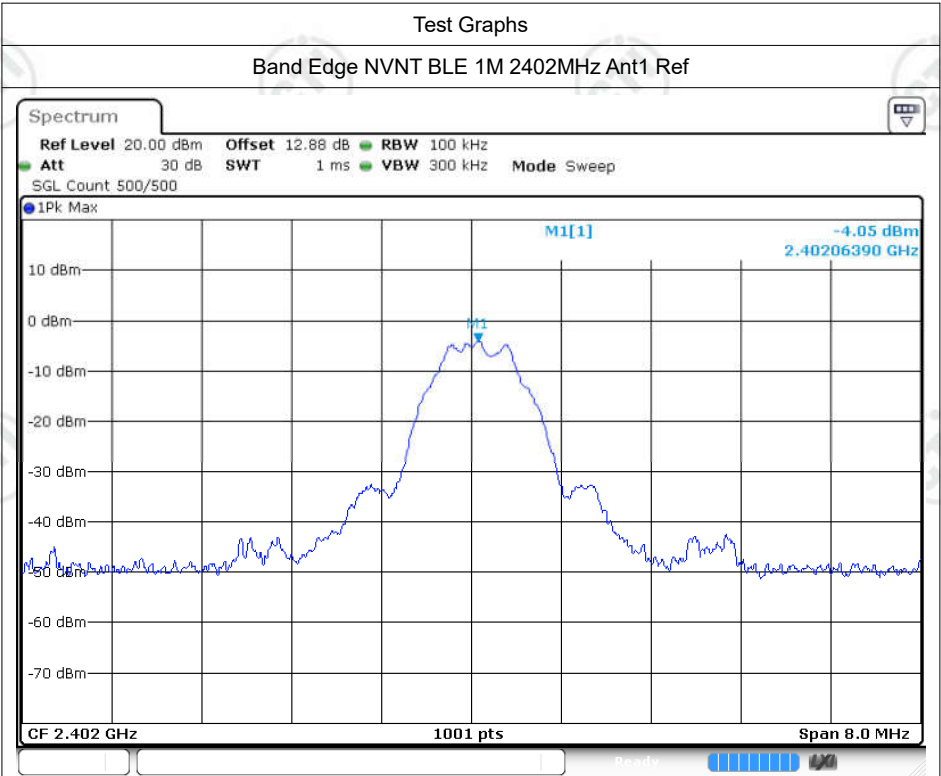


Date: 15.JUL.2024 13:28:23

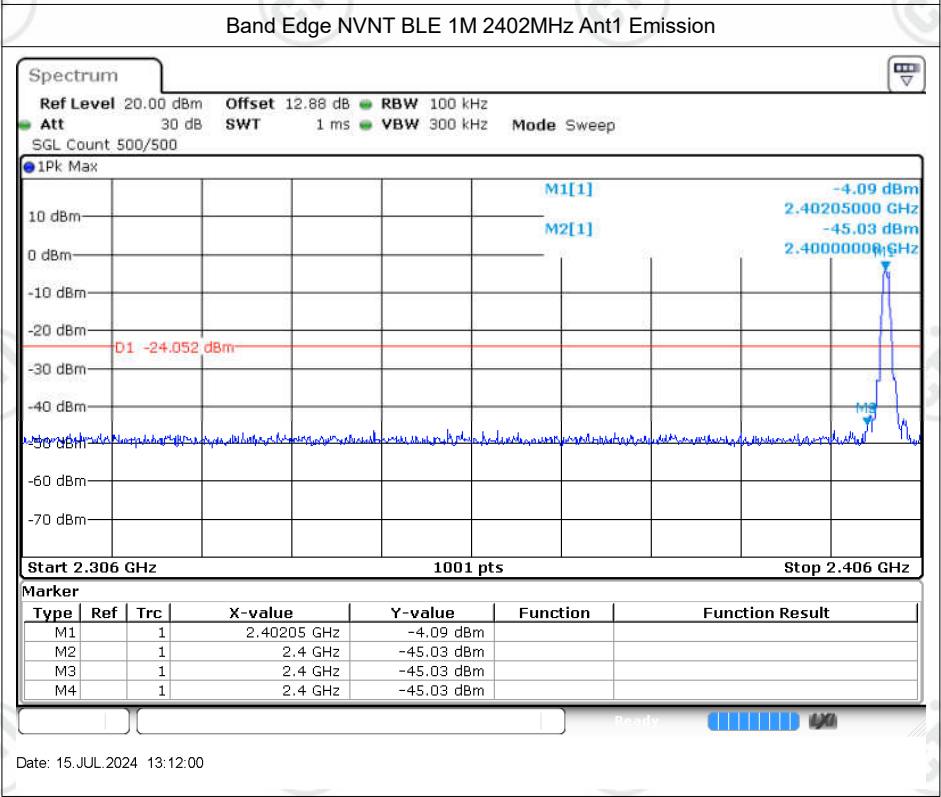


Band Edge

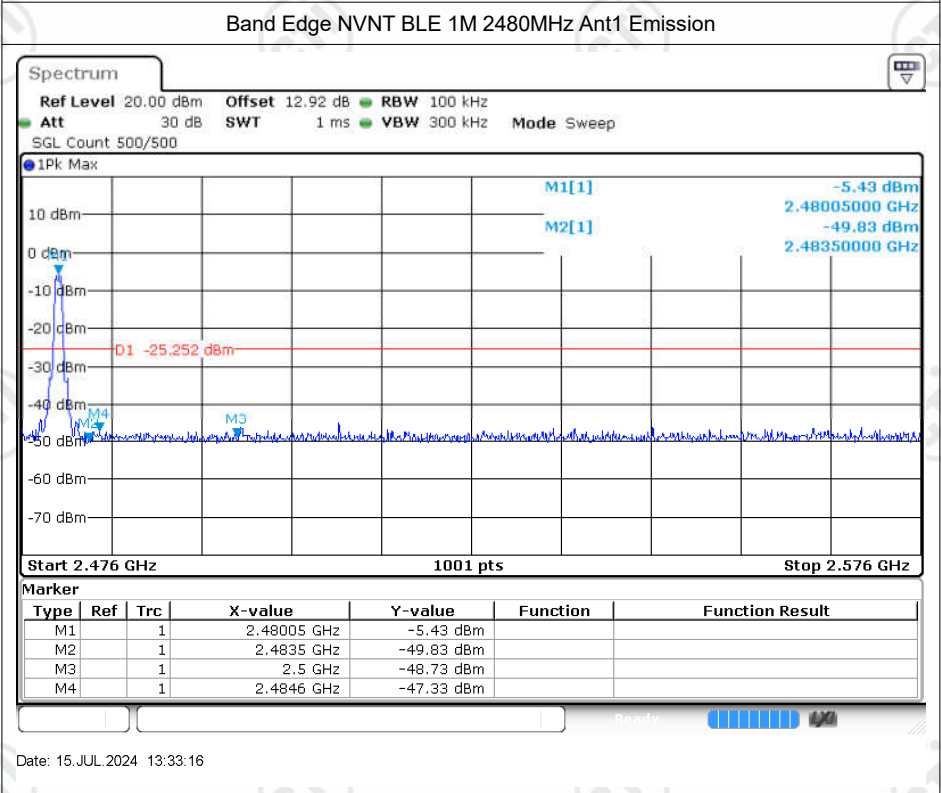
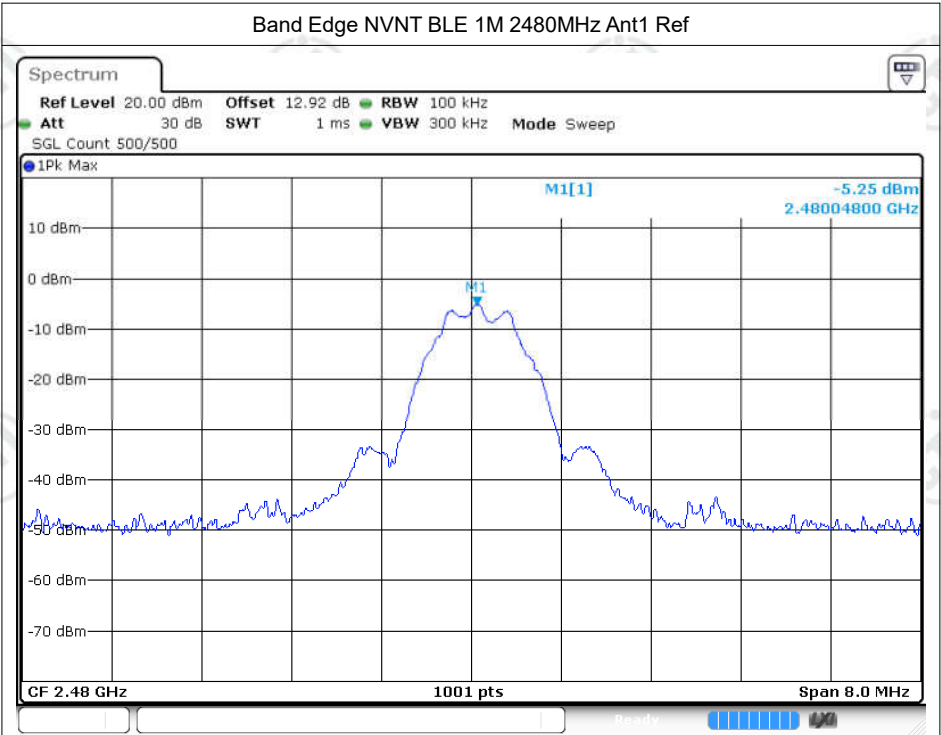
| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -40.98          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -42.08          | -20         | Pass    |



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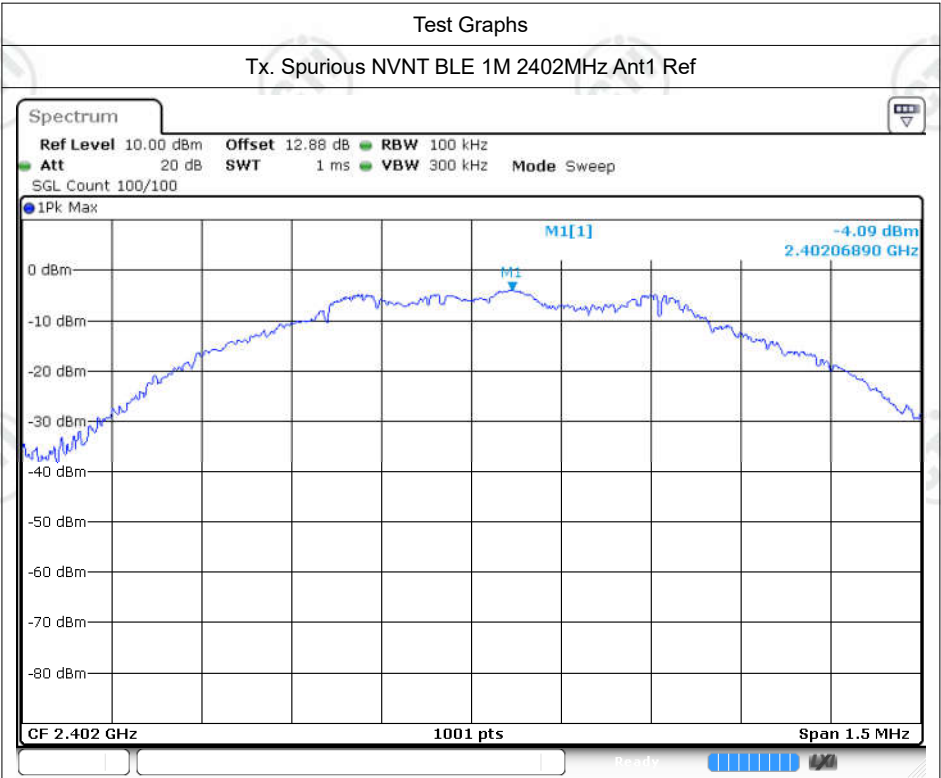


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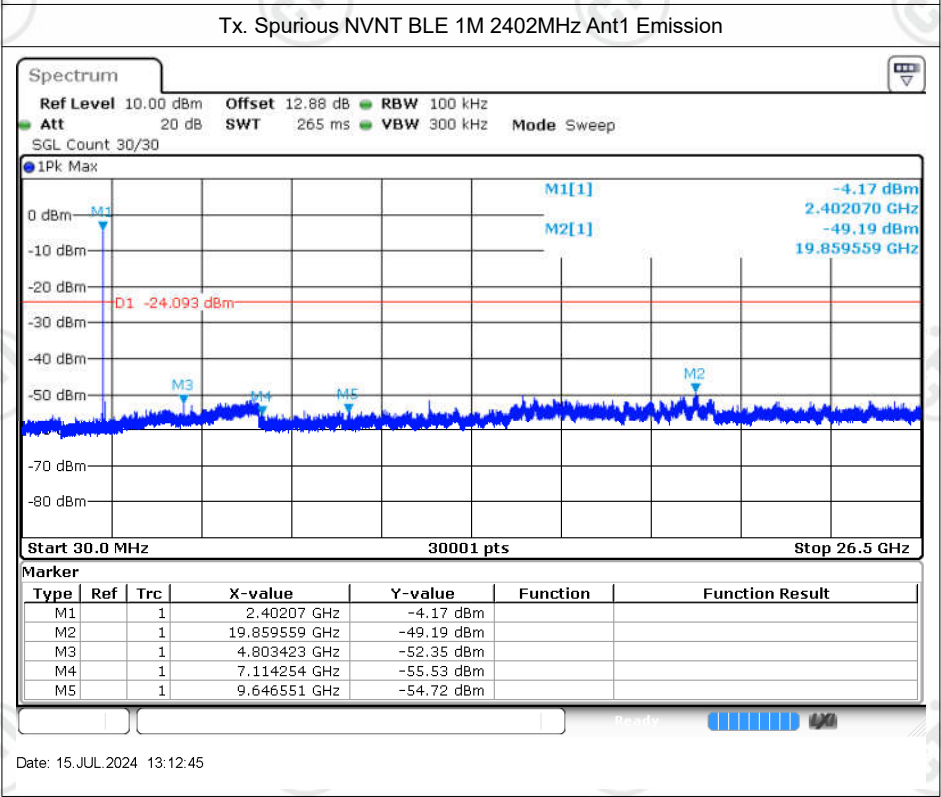


Conducted RF Spurious Emission

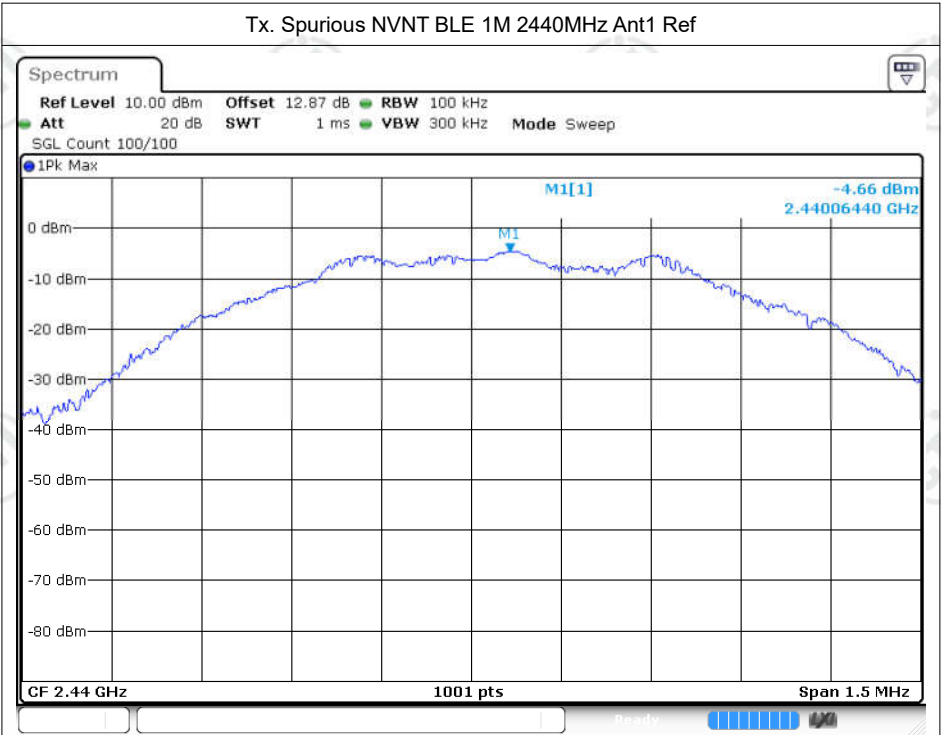
| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -45.1           | -20         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -45.04          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -44.32          | -20         | Pass    |



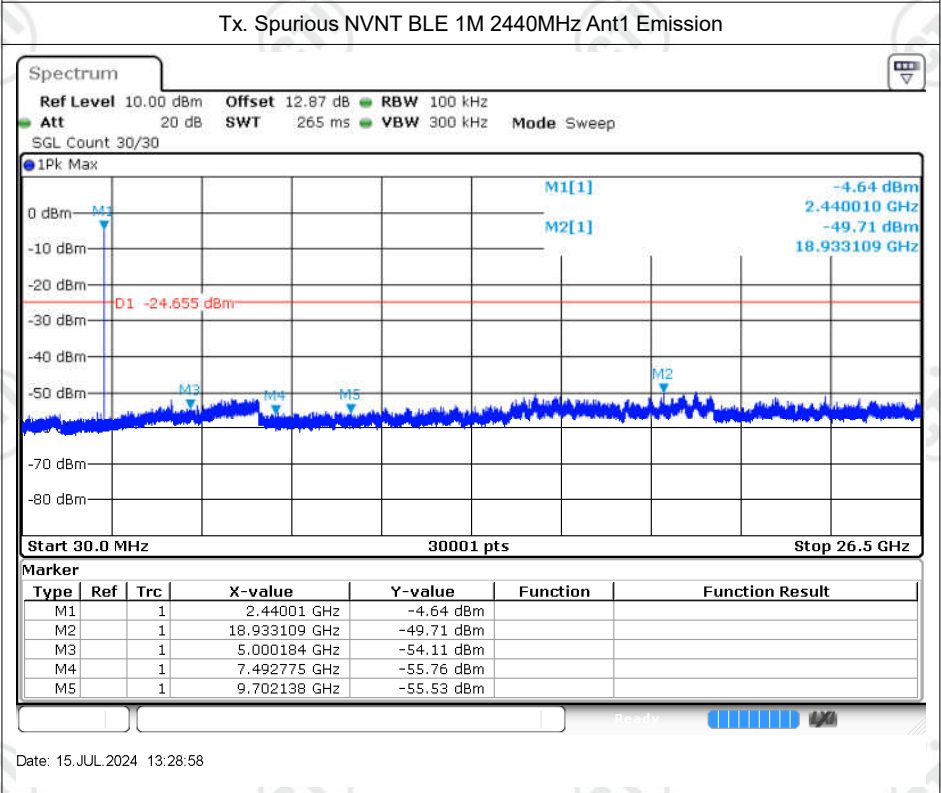
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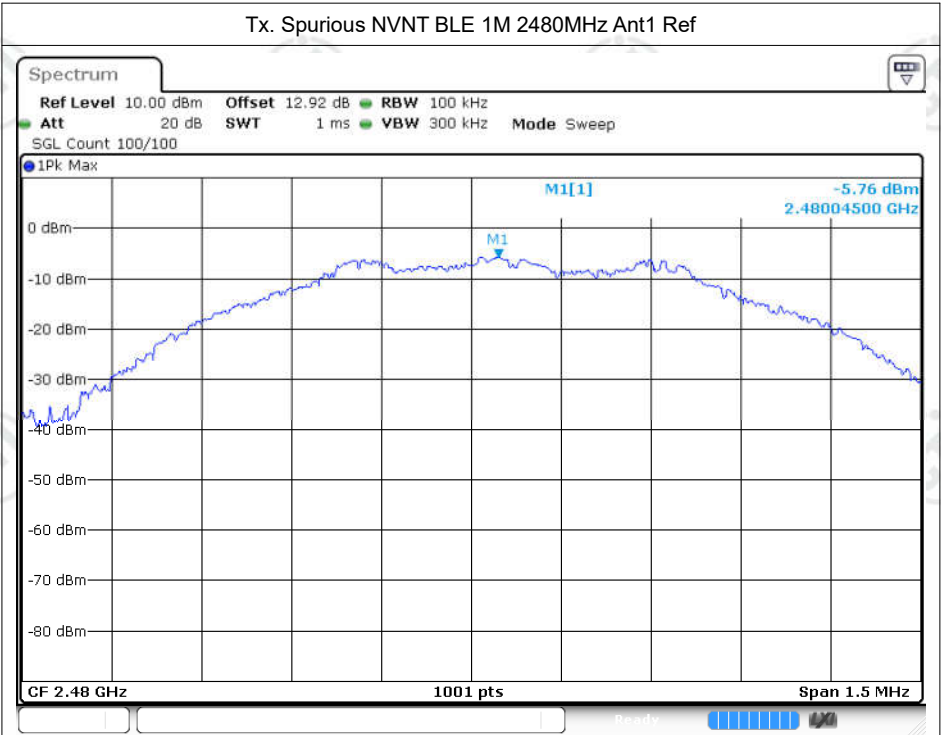
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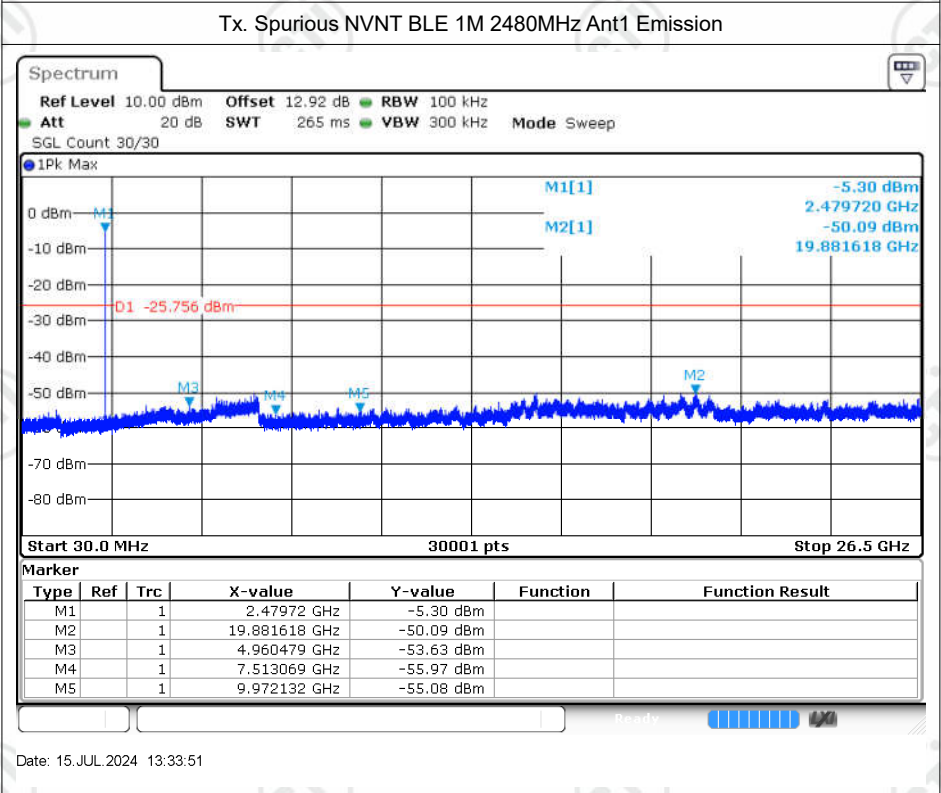
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\*\*\* End of Report \*\*\*