

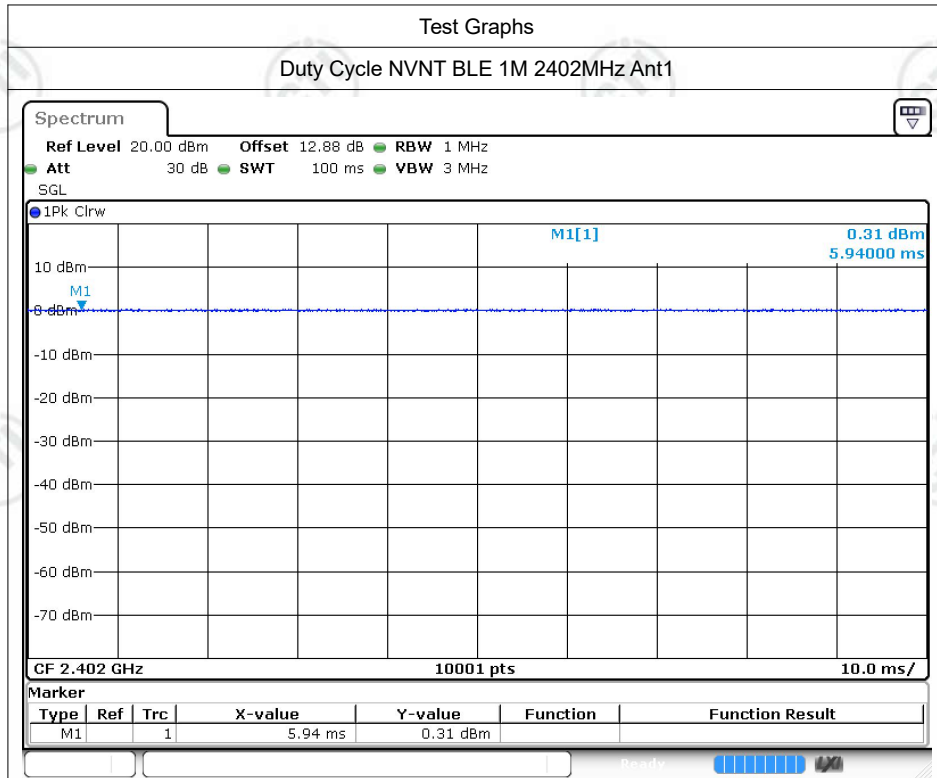
## Appendix: Bluetooth LE

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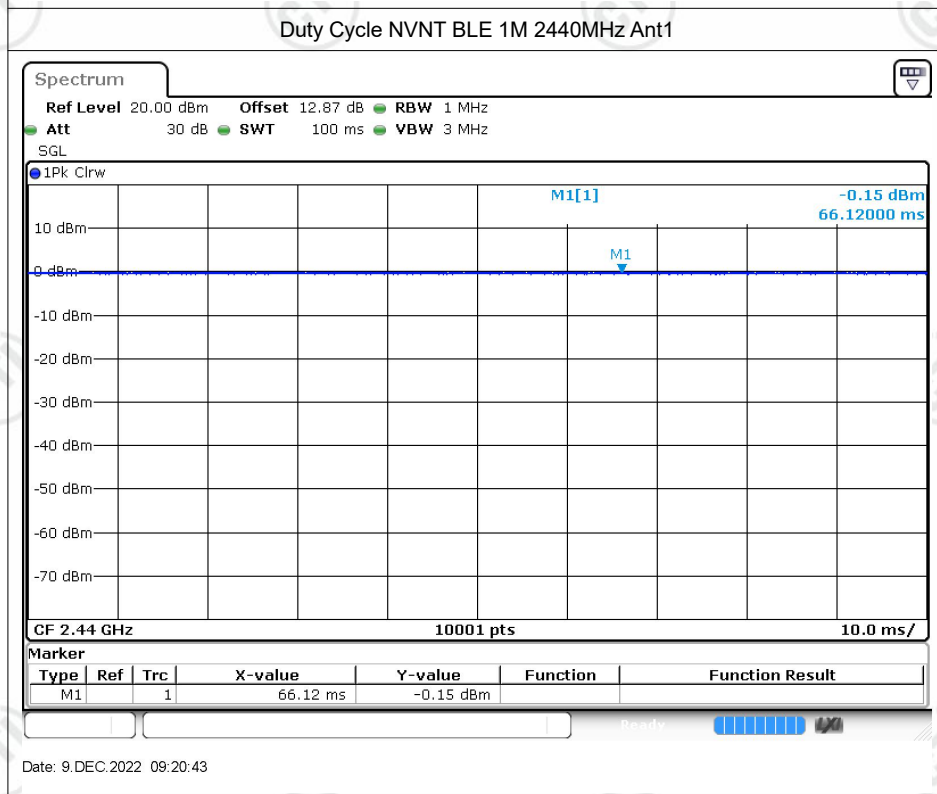
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## Duty Cycle

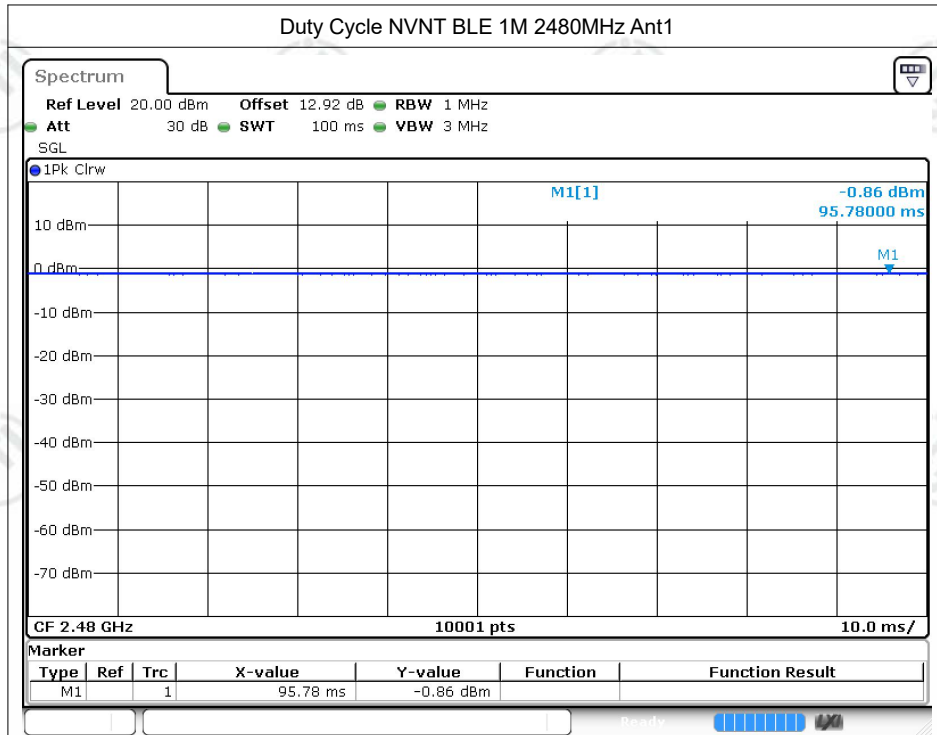
| Condition | Mode   | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|--------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | BLE 1M | 2402            | Ant1    | 100            | 0                      | 0         |
| NVNT      | BLE 1M | 2440            | Ant1    | 100            | 0                      | 0         |
| NVNT      | BLE 1M | 2480            | Ant1    | 100            | 0                      | 0         |
| NVNT      | BLE 2M | 2402            | Ant1    | 100            | 0                      | 0         |
| NVNT      | BLE 2M | 2440            | Ant1    | 100            | 0                      | 0         |
| NVNT      | BLE 2M | 2480            | Ant1    | 100            | 0                      | 0         |



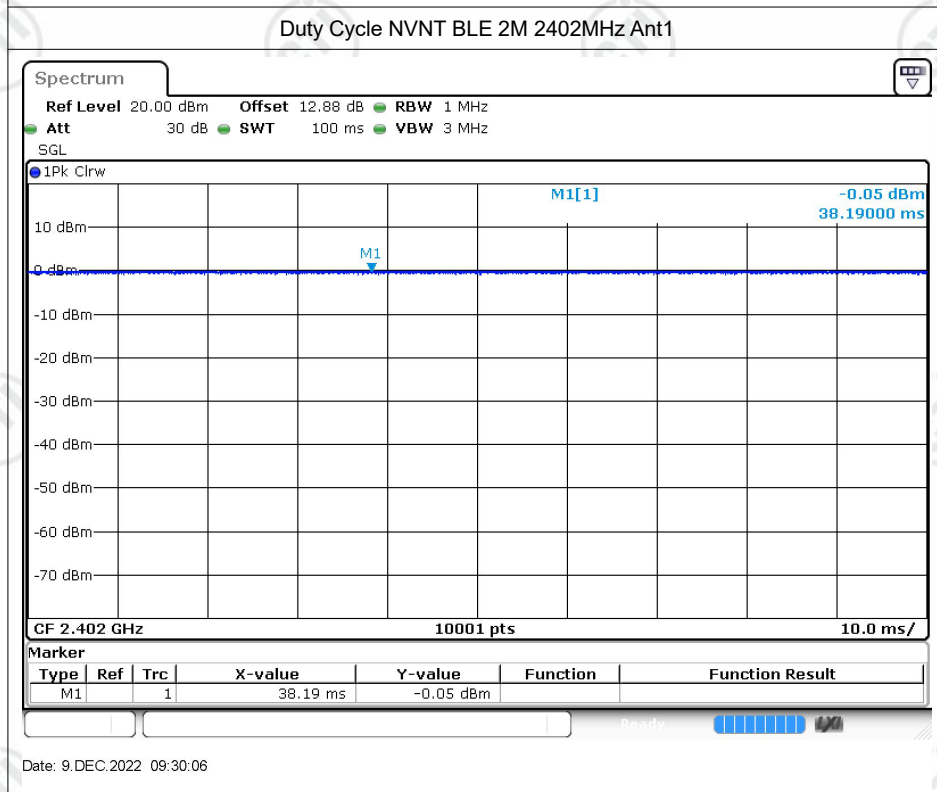
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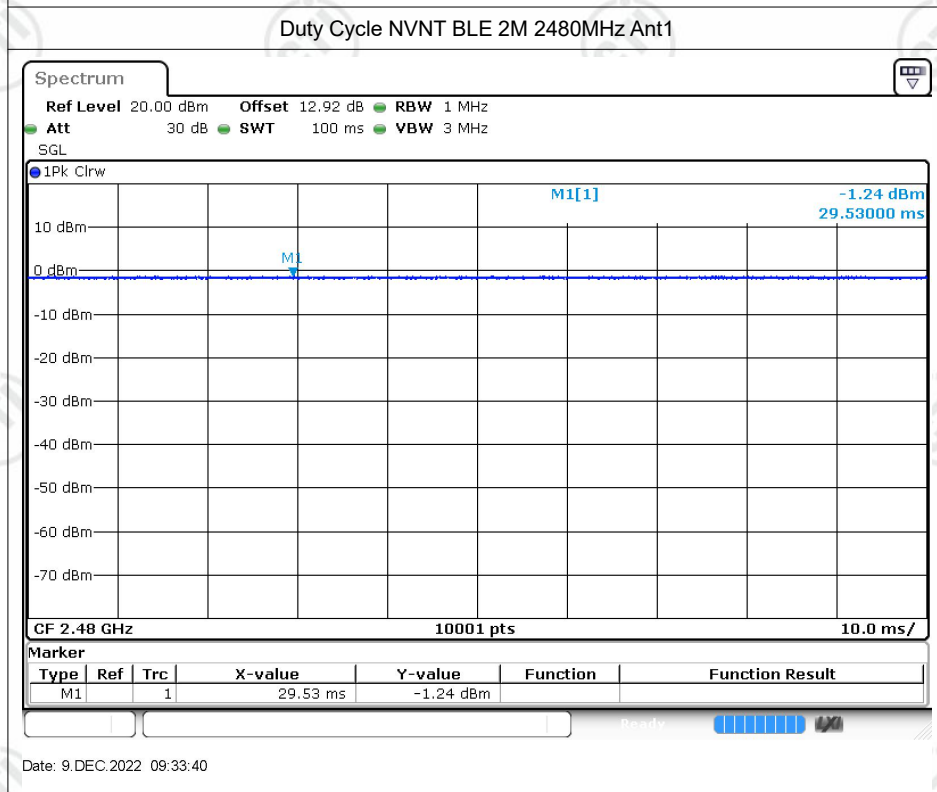
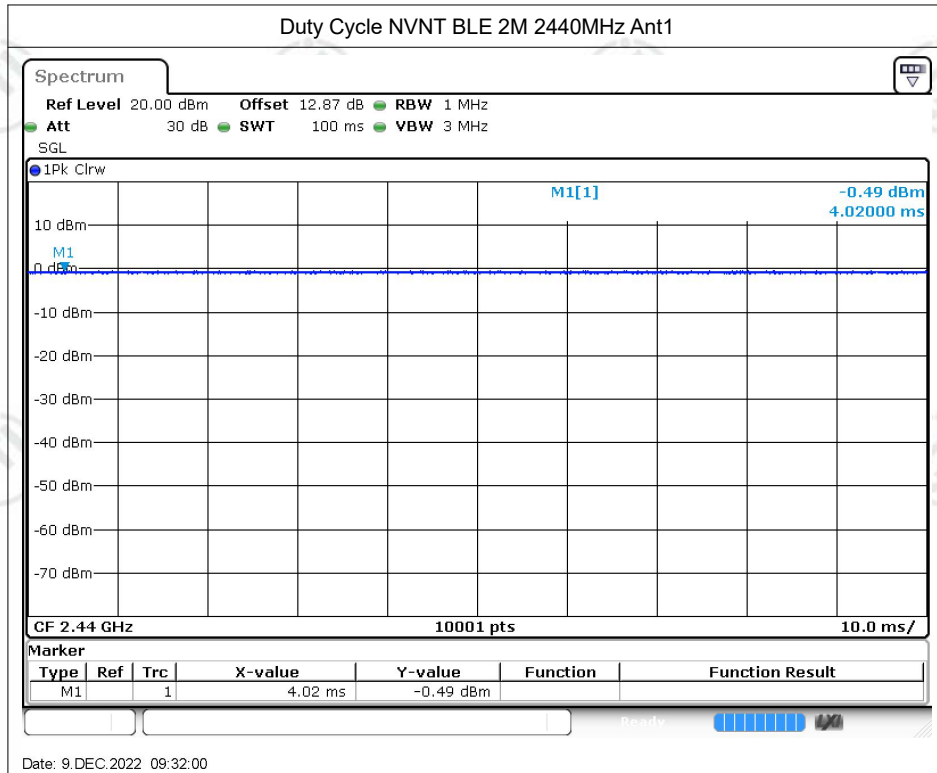
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Date: 9.DEC.2022 09:22:33

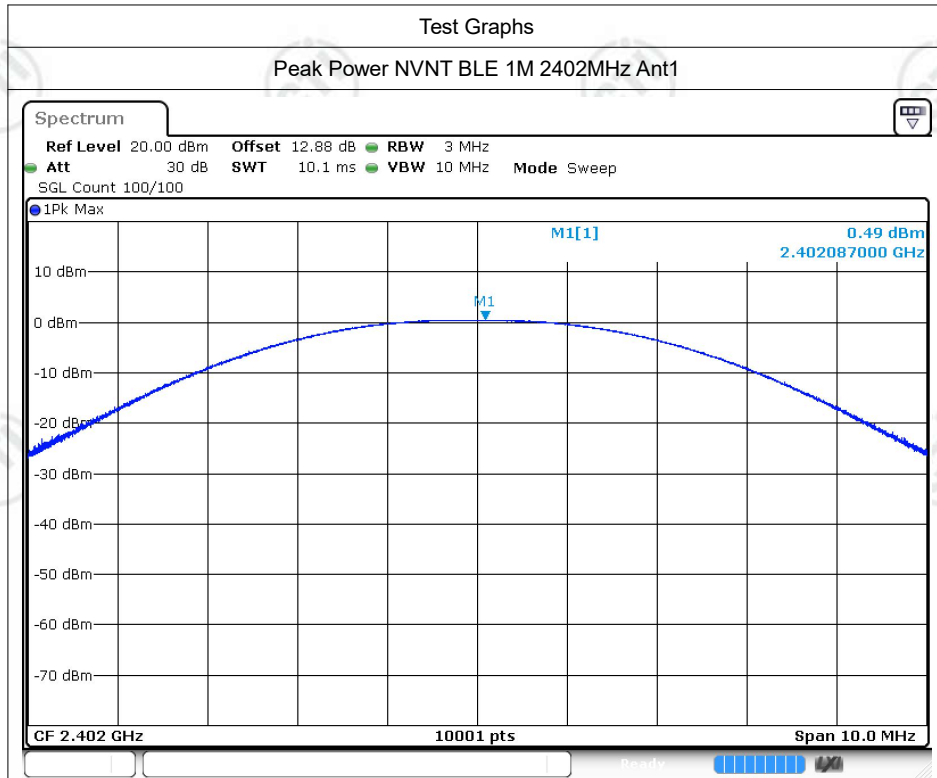


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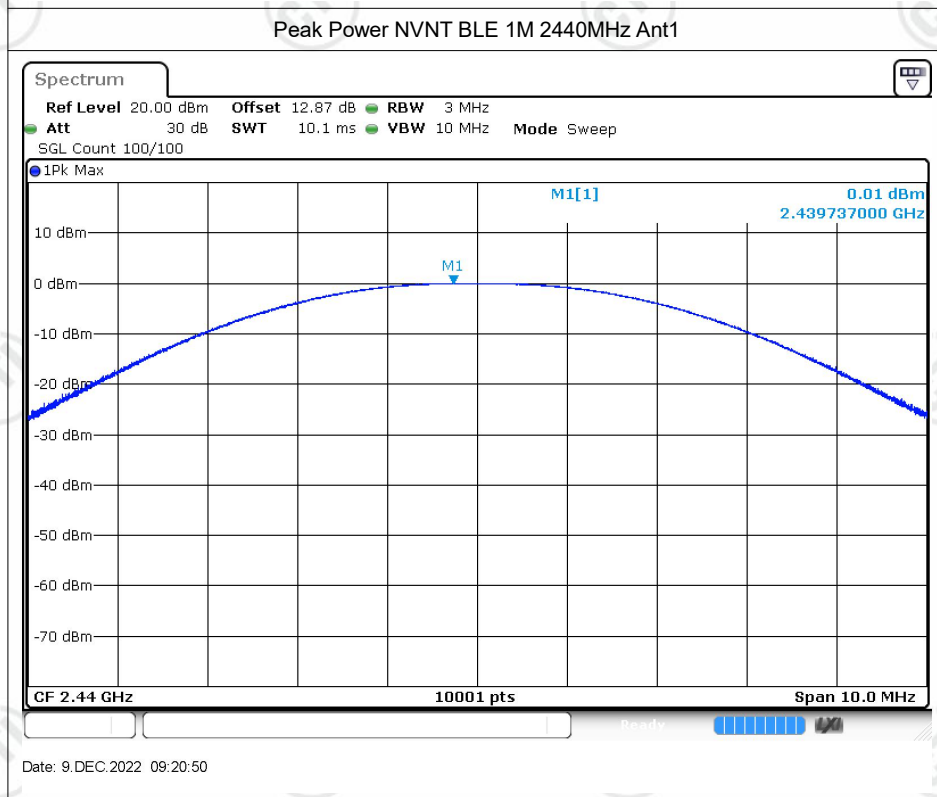


## Maximum Peak Conducted Output Power

| Condition | Mode      | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-----------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | BLE<br>1M | 2402               | Ant1    | 0.49                     | 0                   | 0.49                 | 30             | Pass    |
| NVNT      | BLE<br>1M | 2440               | Ant1    | 0.01                     | 0                   | 0.01                 | 30             | Pass    |
| NVNT      | BLE<br>1M | 2480               | Ant1    | -0.71                    | 0                   | -0.71                | 30             | Pass    |
| NVNT      | BLE<br>2M | 2402               | Ant1    | 0.36                     | 0                   | 0.36                 | 30             | Pass    |
| NVNT      | BLE<br>2M | 2440               | Ant1    | -0.08                    | 0                   | -0.08                | 30             | Pass    |
| NVNT      | BLE<br>2M | 2480               | Ant1    | -0.83                    | 0                   | -0.83                | 30             | Pass    |

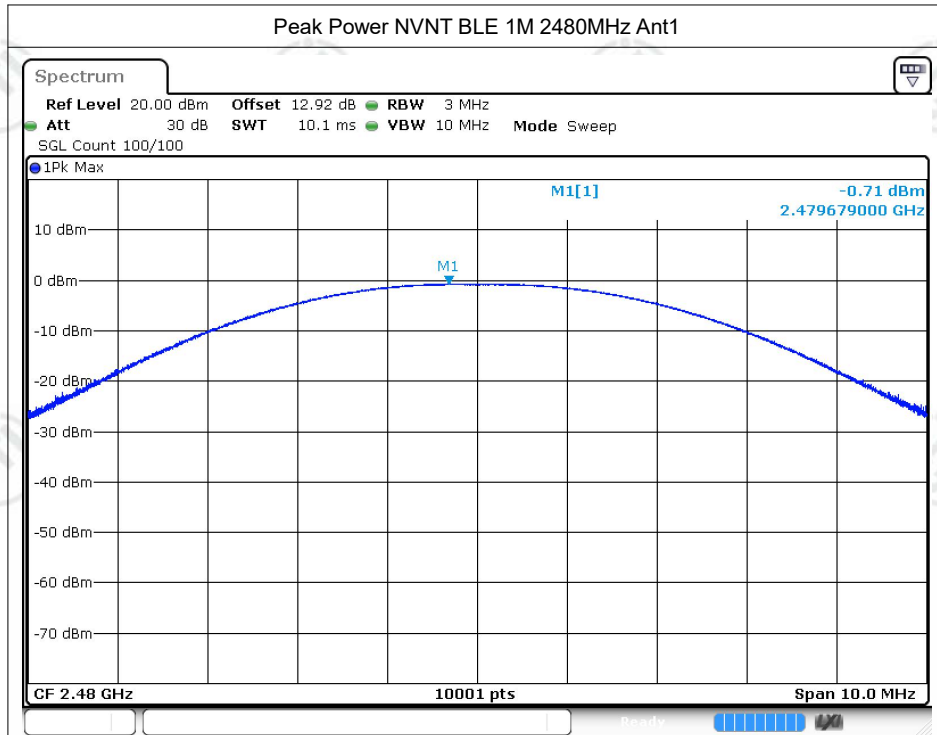


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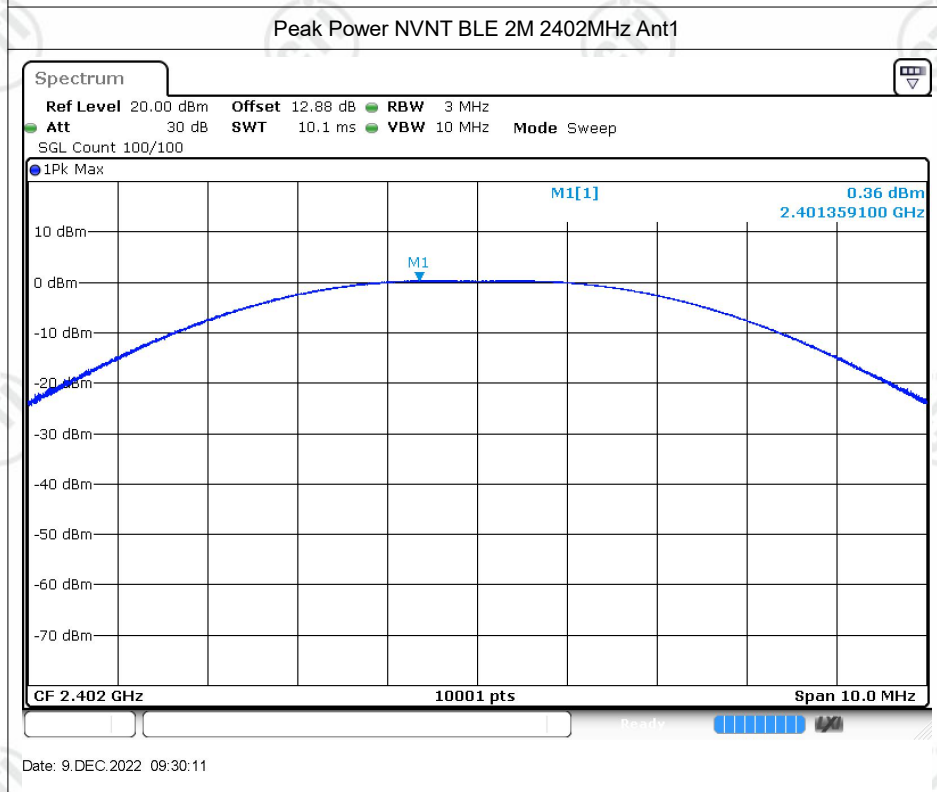


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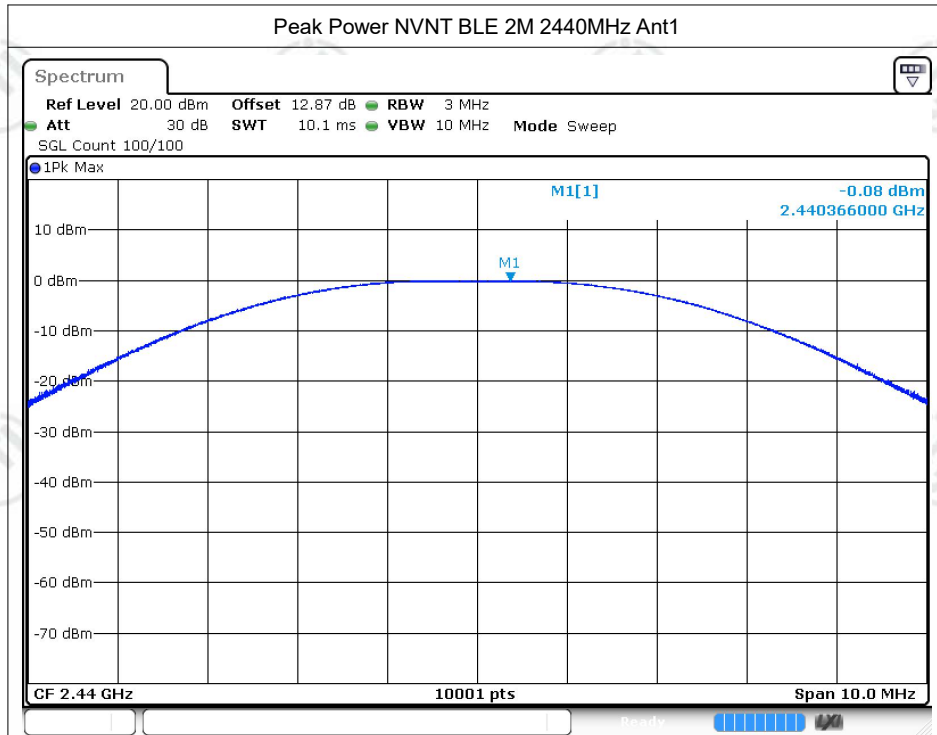




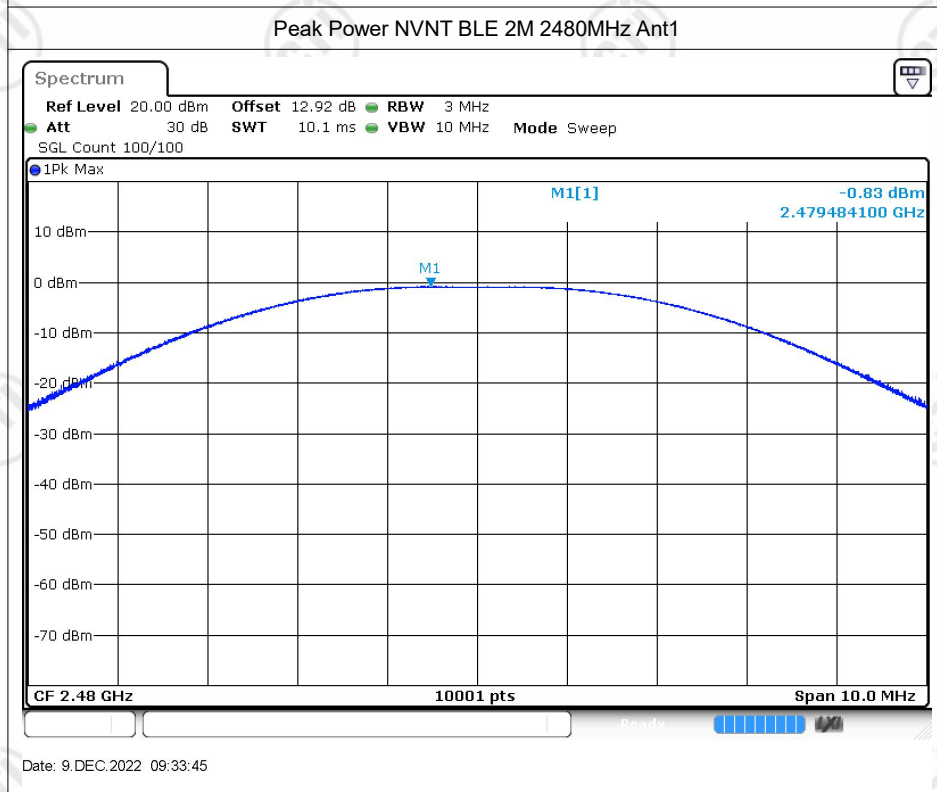
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Date: 9.DEC.2022 09:30:11



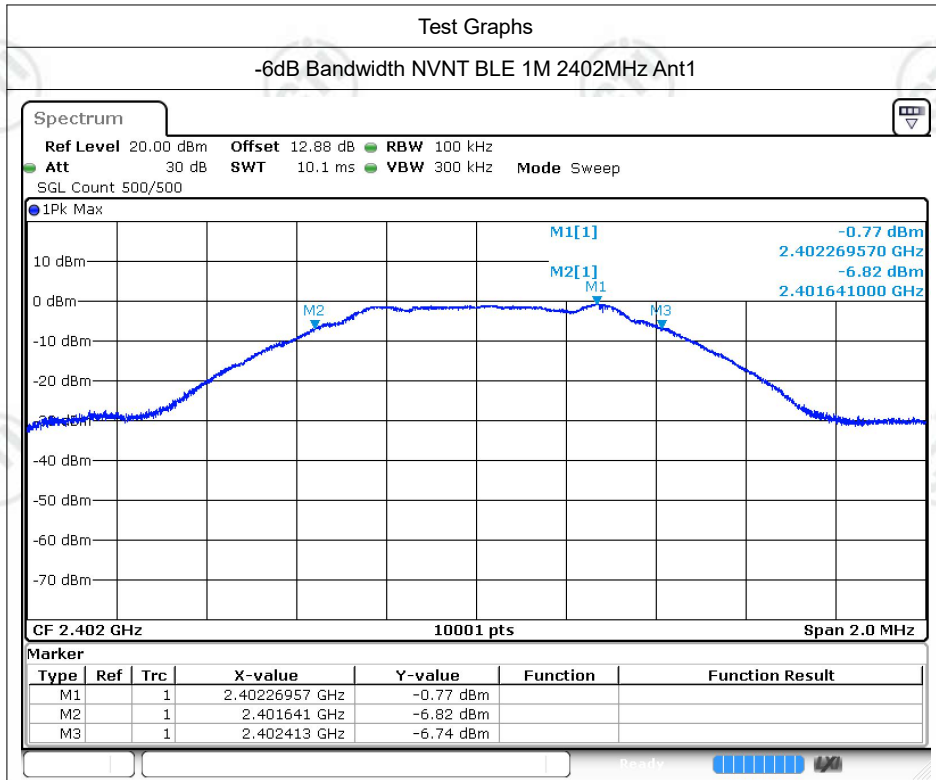
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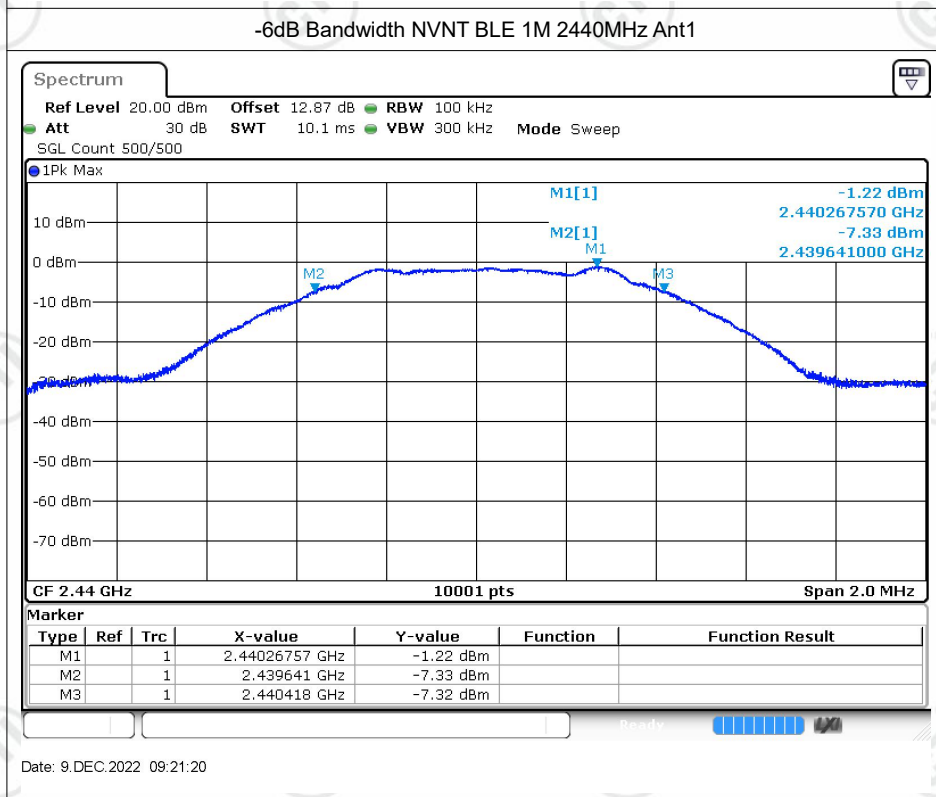
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**-6dB Bandwidth**

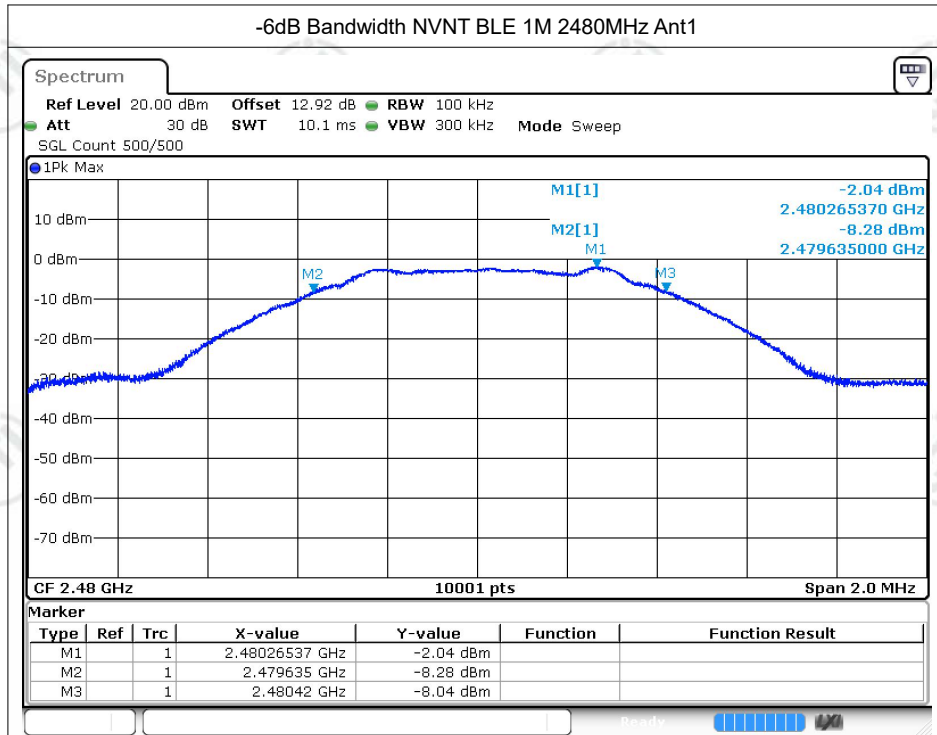
| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.773                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.777                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.785                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.401                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | 1.391                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 1.38                  | 0.5                         | Pass    |



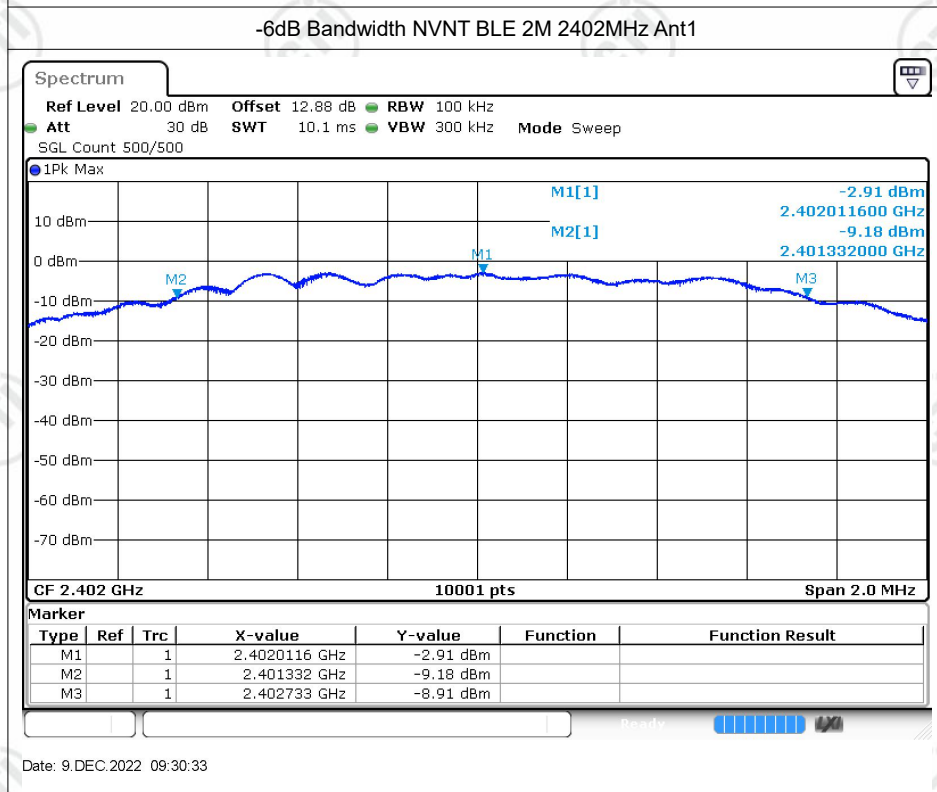
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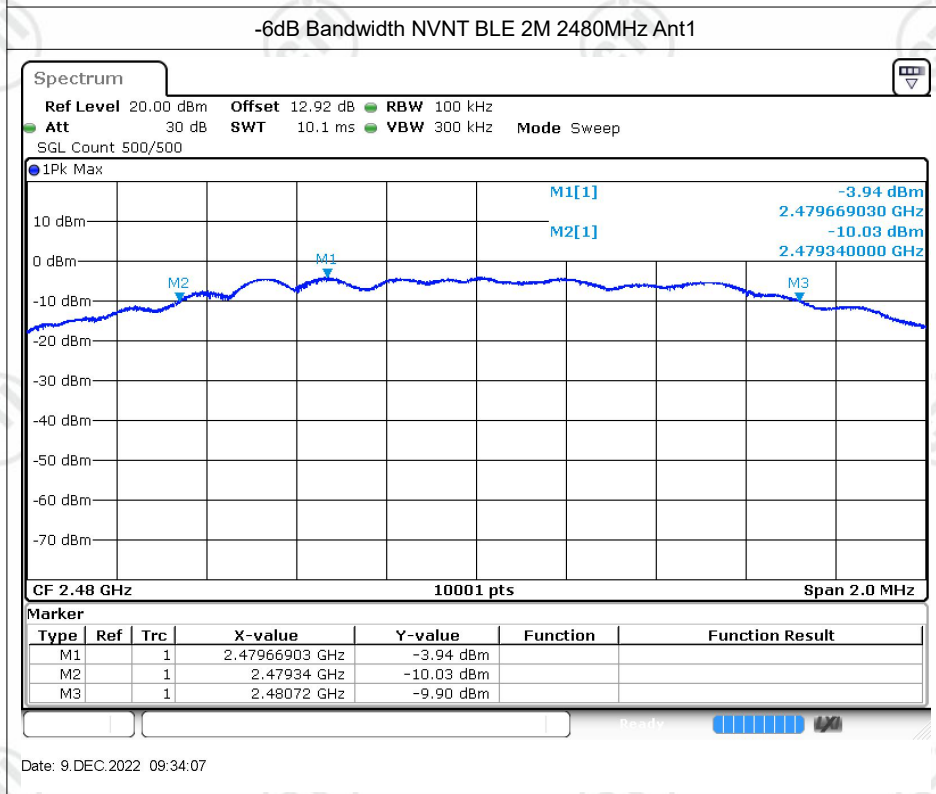
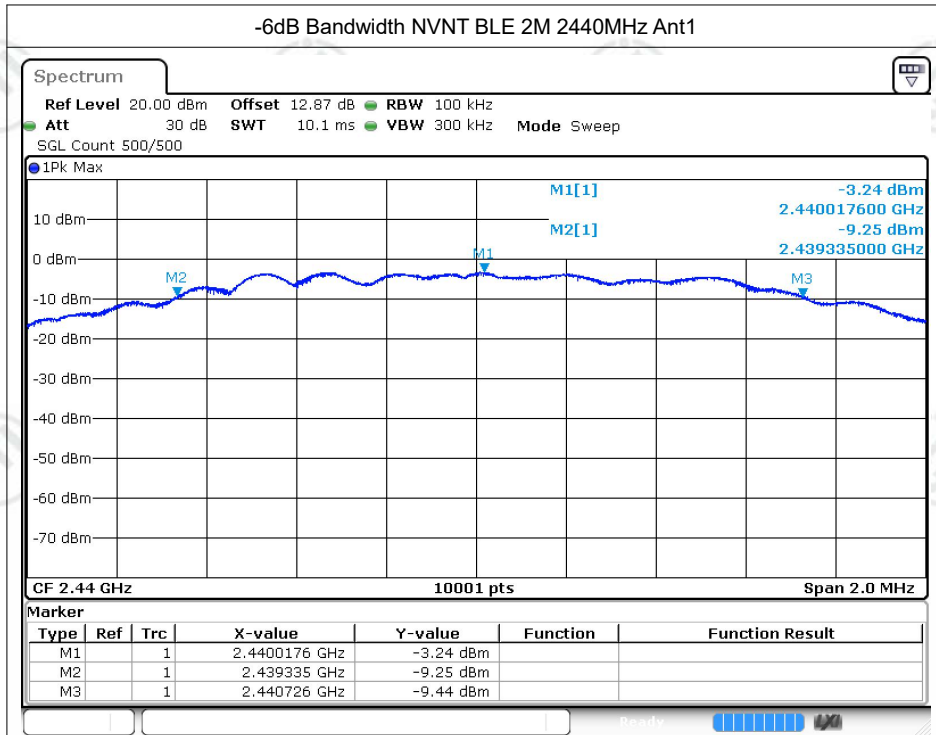
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Date: 9.DEC.2022 09:28:37

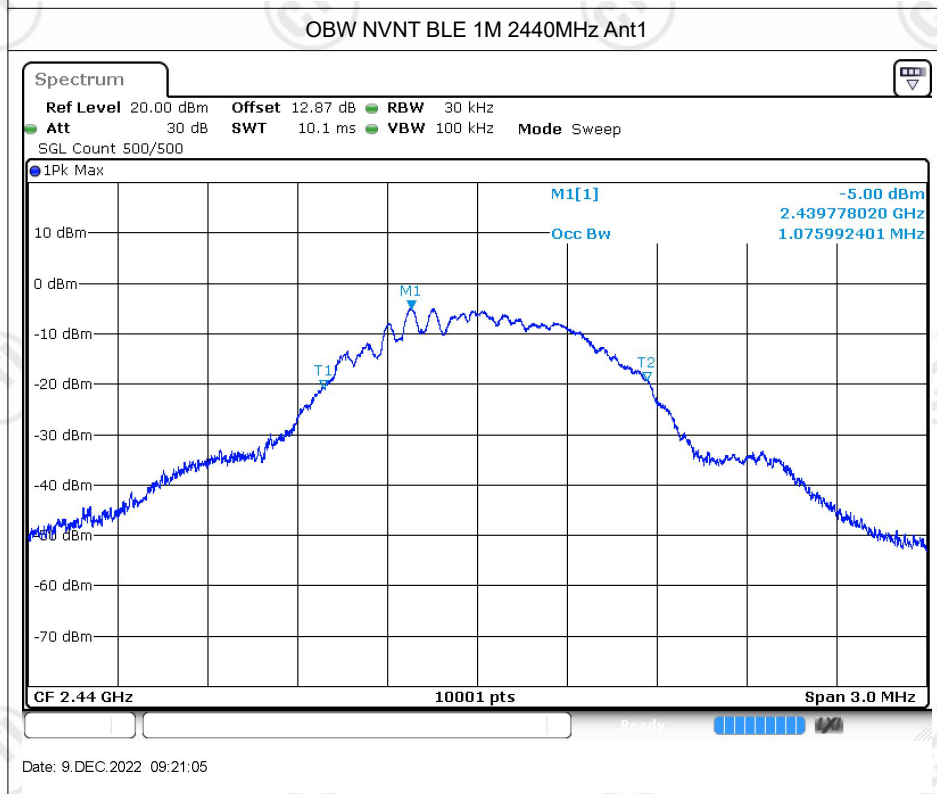
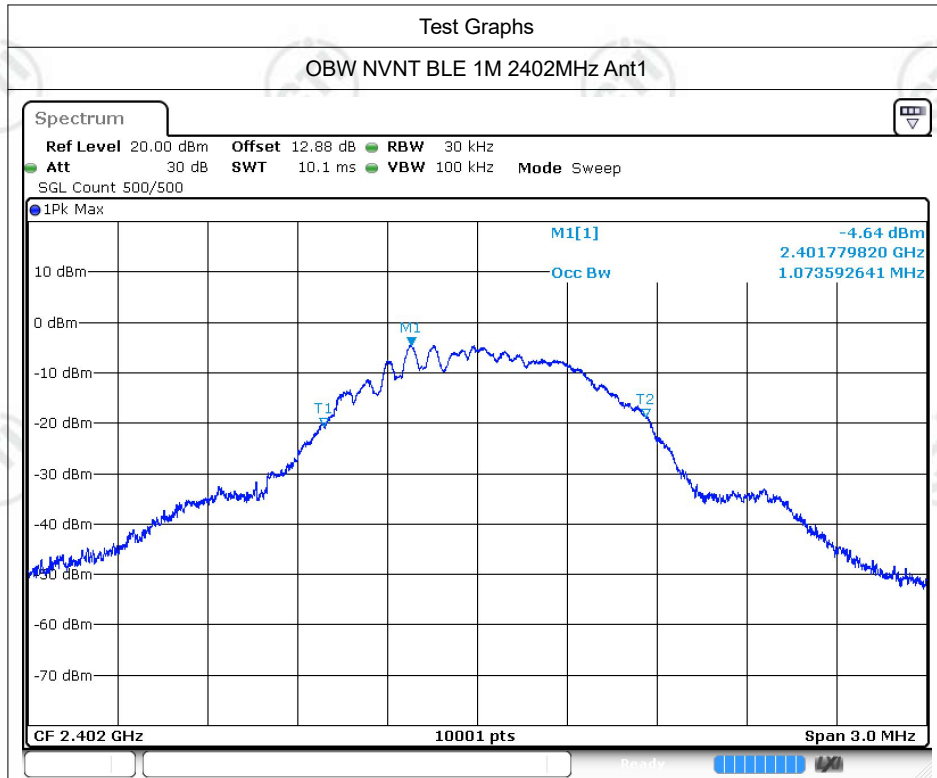


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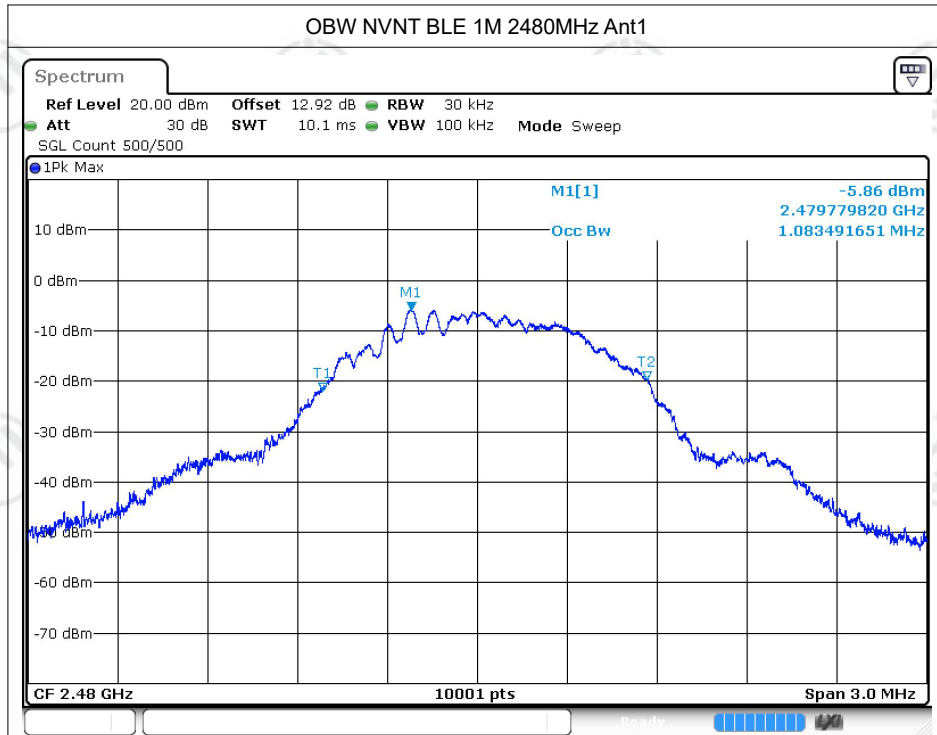


## Occupied Channel Bandwidth

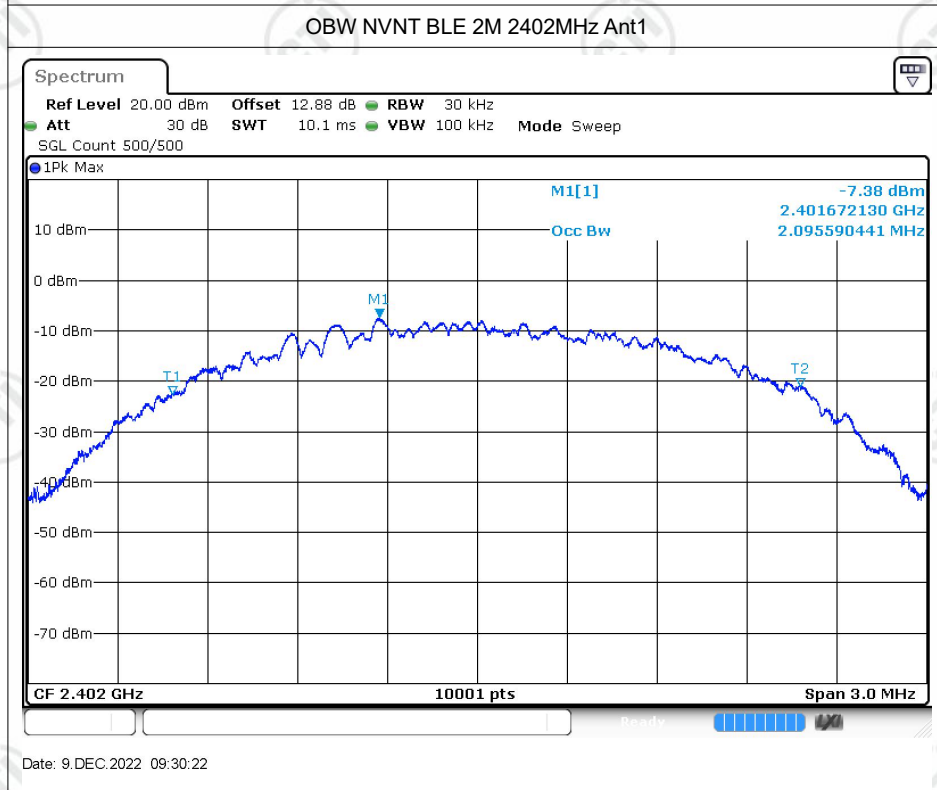
| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.074         |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.076         |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.083         |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.096         |
| NVNT      | BLE 2M | 2440            | Ant1    | 2.089         |
| NVNT      | BLE 2M | 2480            | Ant1    | 2.085         |



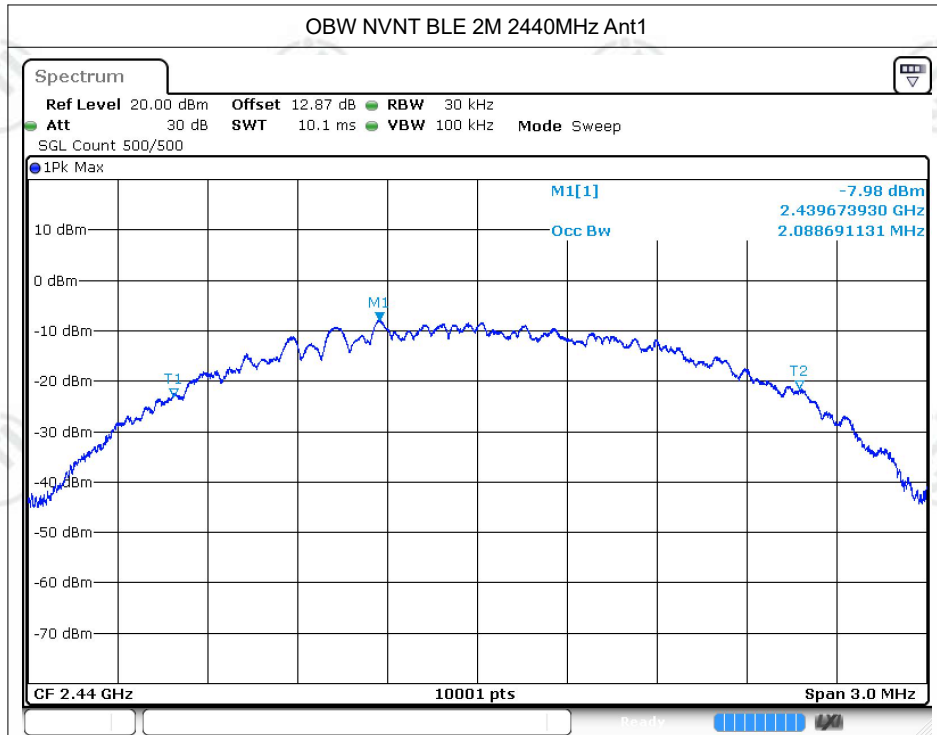




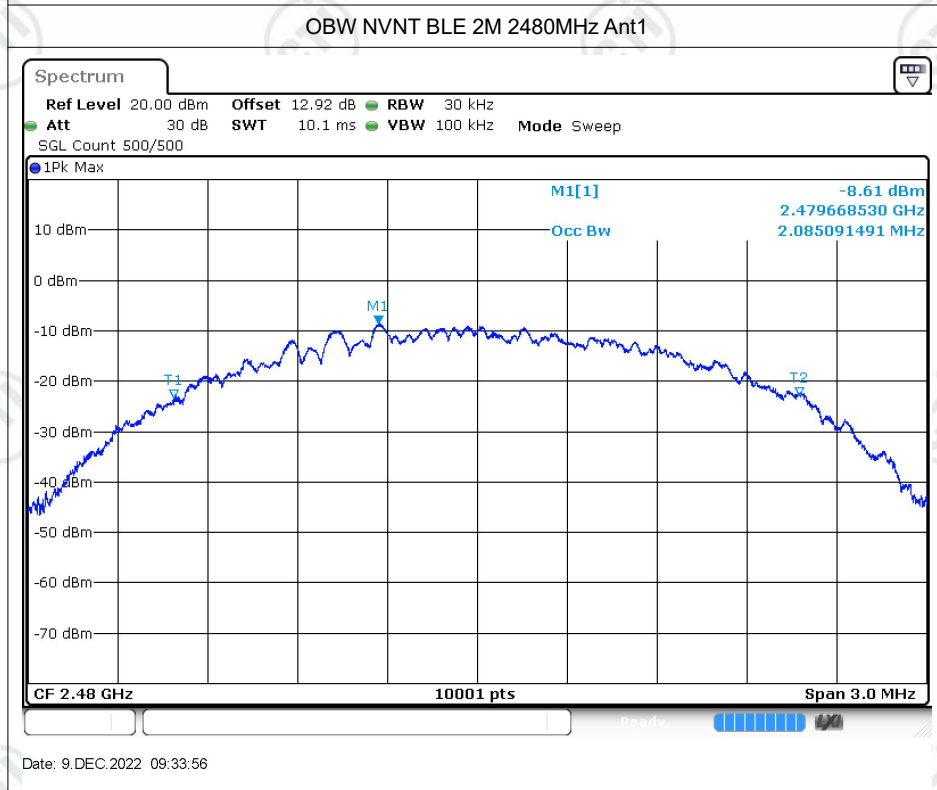
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Date: 9.DEC.2022 09:30:22



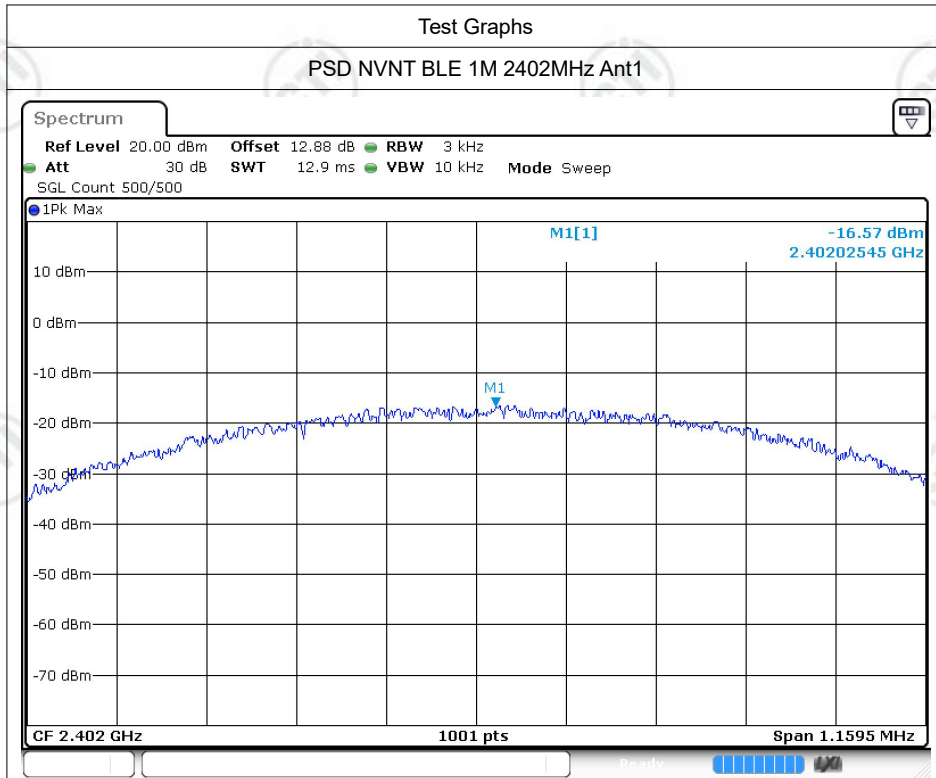
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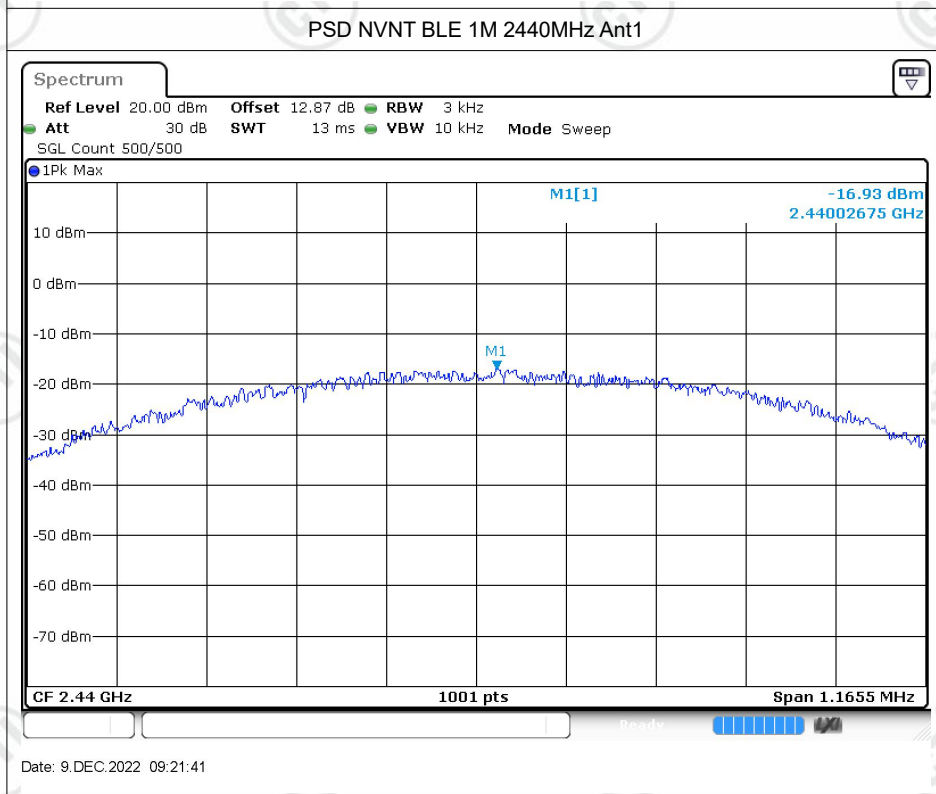
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### Maximum Power Spectral Density Level

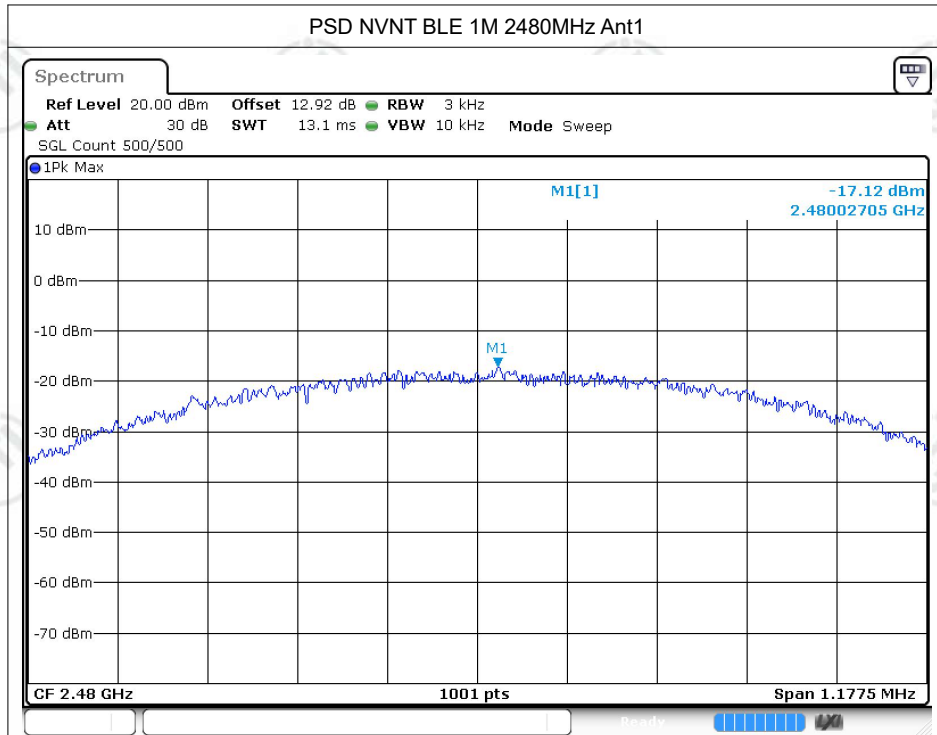
| Condition | Mode      | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|-----------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT      | BLE<br>1M | 2402            | Ant1    | -16.57                   | 0                | -16.57               | 8                | Pass    |
| NVNT      | BLE<br>1M | 2440            | Ant1    | -16.93                   | 0                | -16.93               | 8                | Pass    |
| NVNT      | BLE<br>1M | 2480            | Ant1    | -17.12                   | 0                | -17.12               | 8                | Pass    |
| NVNT      | BLE<br>2M | 2402            | Ant1    | -21.18                   | 0                | -21.18               | 8                | Pass    |
| NVNT      | BLE<br>2M | 2440            | Ant1    | -21.39                   | 0                | -21.39               | 8                | Pass    |
| NVNT      | BLE<br>2M | 2480            | Ant1    | -22.04                   | 0                | -22.04               | 8                | Pass    |



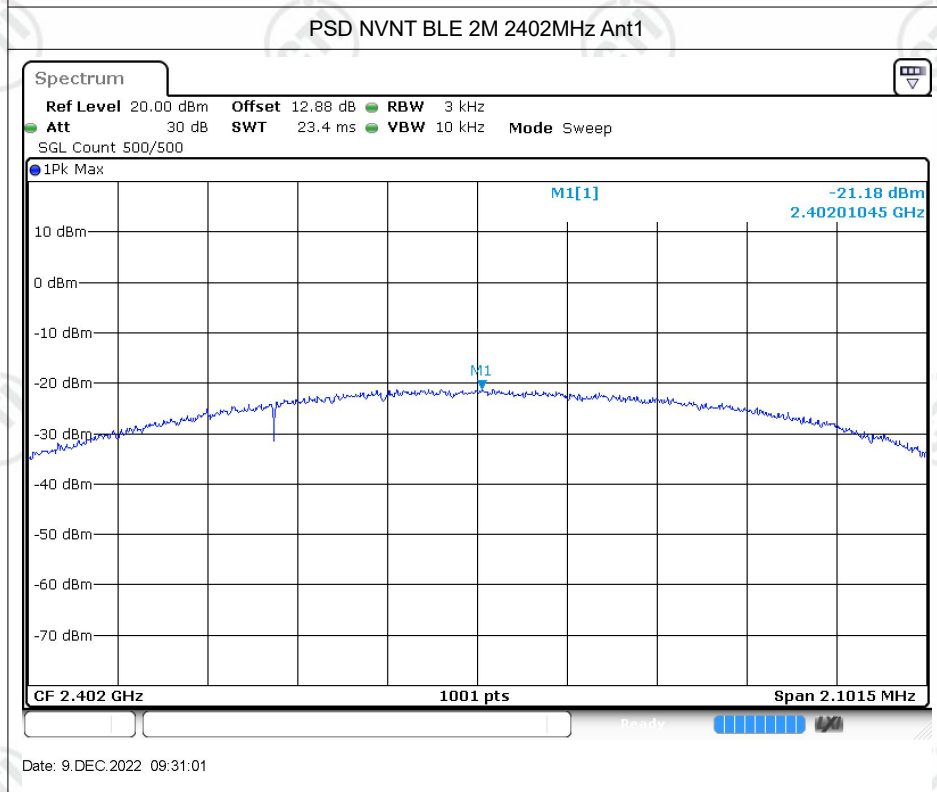
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Date: 9.DEC.2022 09:21:41



Date: 9.DEC.2022 09:28:56



Date: 9.DEC.2022 09:31:01