

## Appendix:Bluetooth LE

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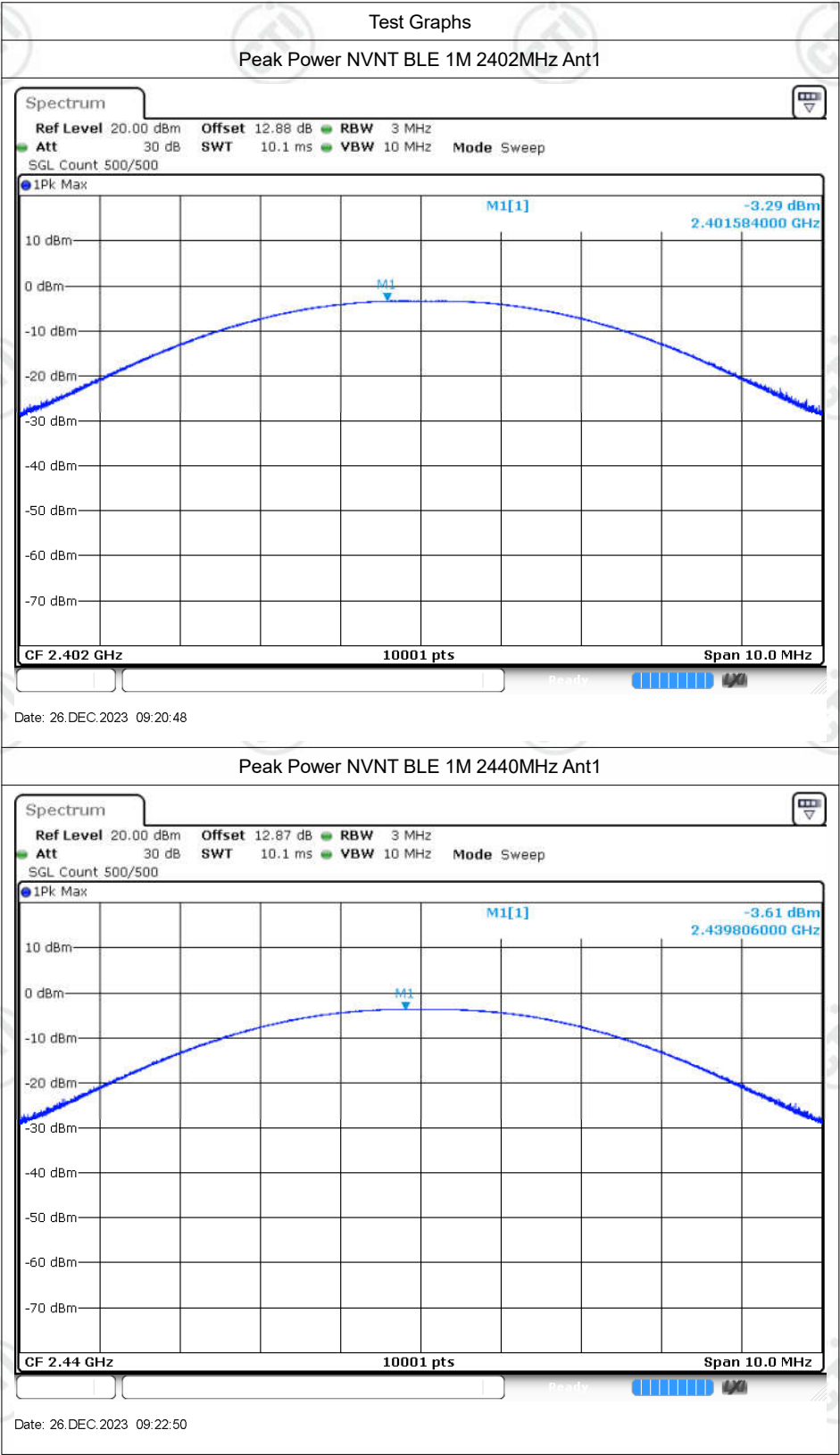
Maximum Power Spectral Density Level ..... 15

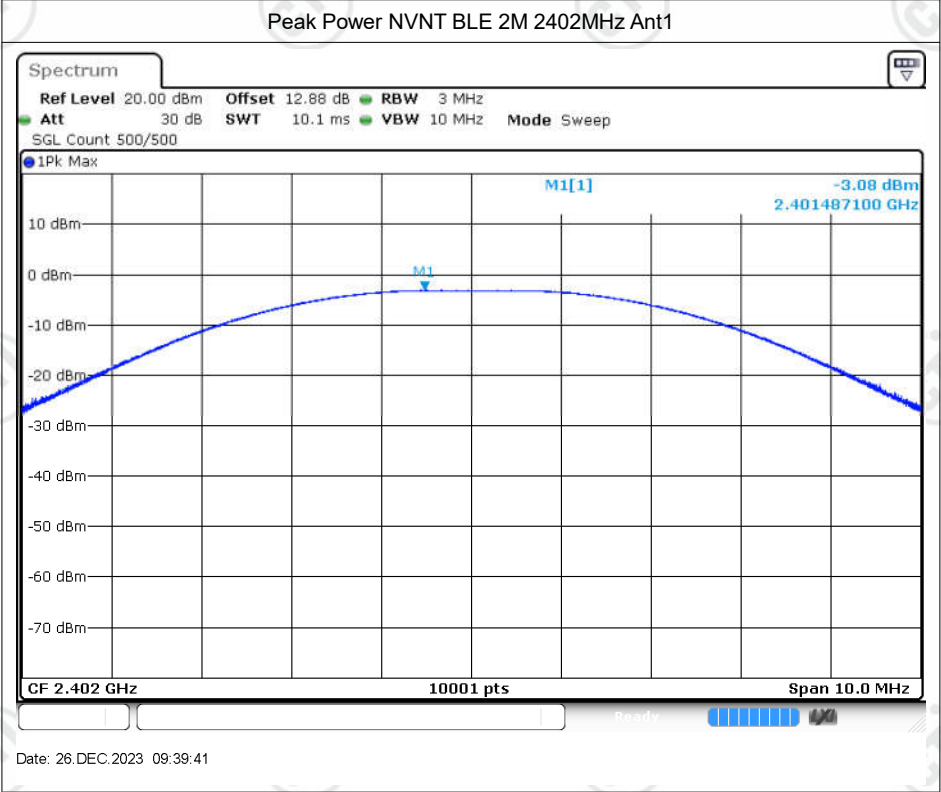
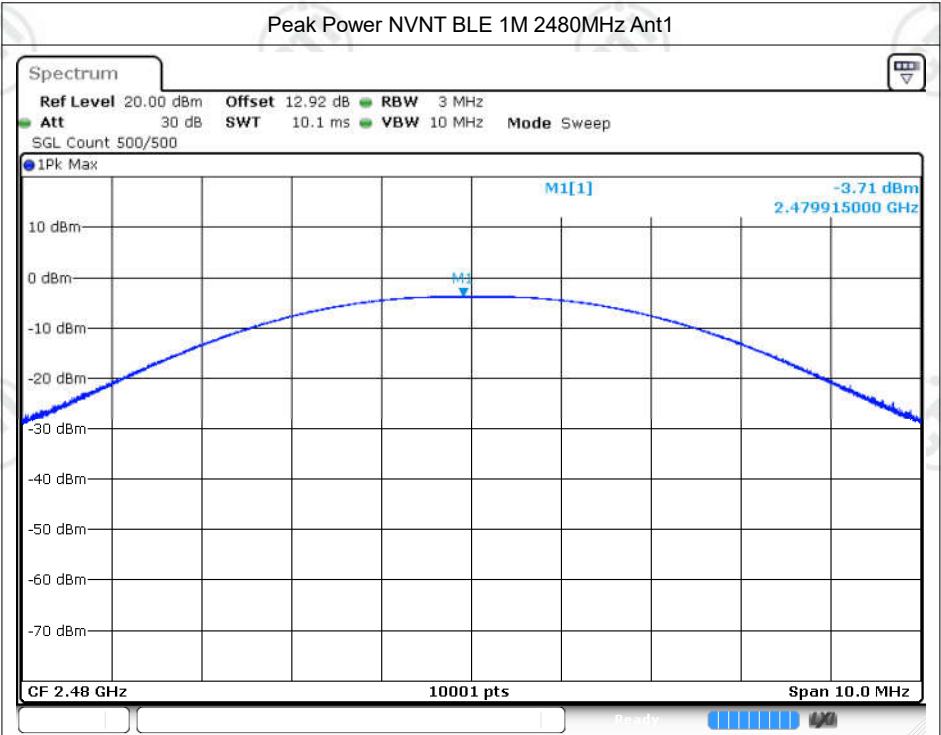
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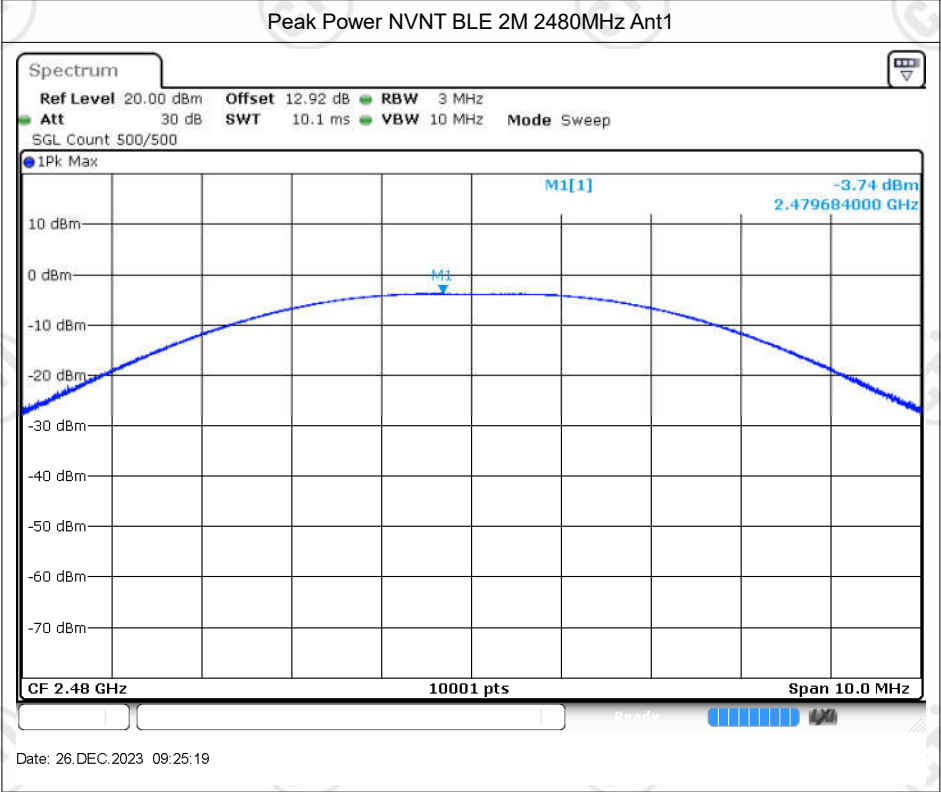
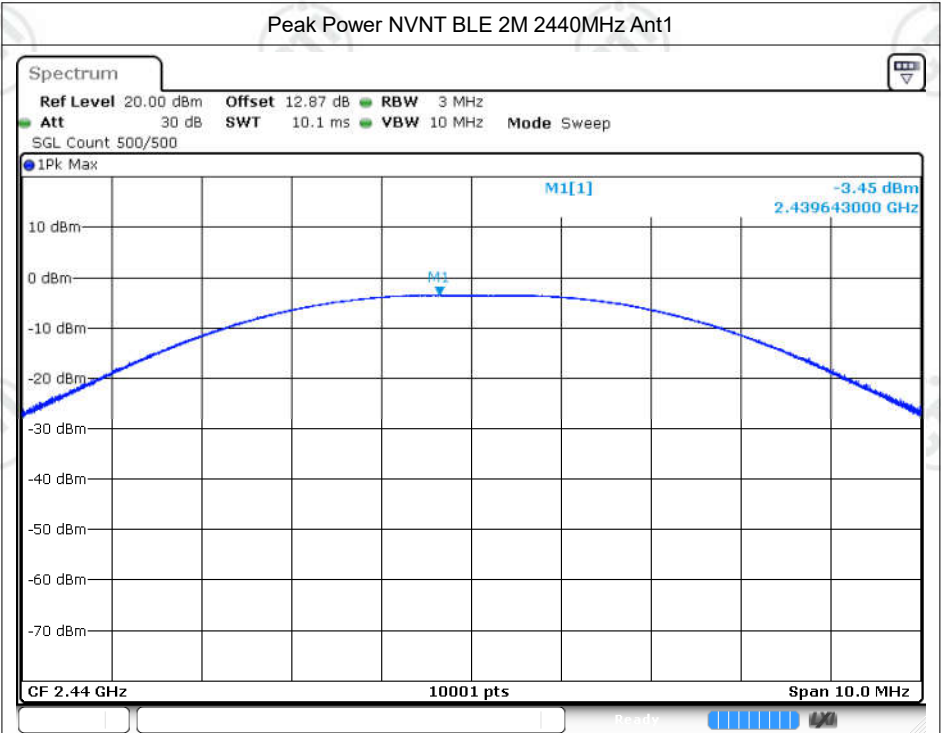
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Maximum Peak Conducted Output Power

| Condition | Mode   | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -3.29                 | 30          | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -3.61                 | 30          | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -3.71                 | 30          | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | <b>-3.08</b>          | 30          | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -3.45                 | 30          | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -3.74                 | 30          | Pass    |

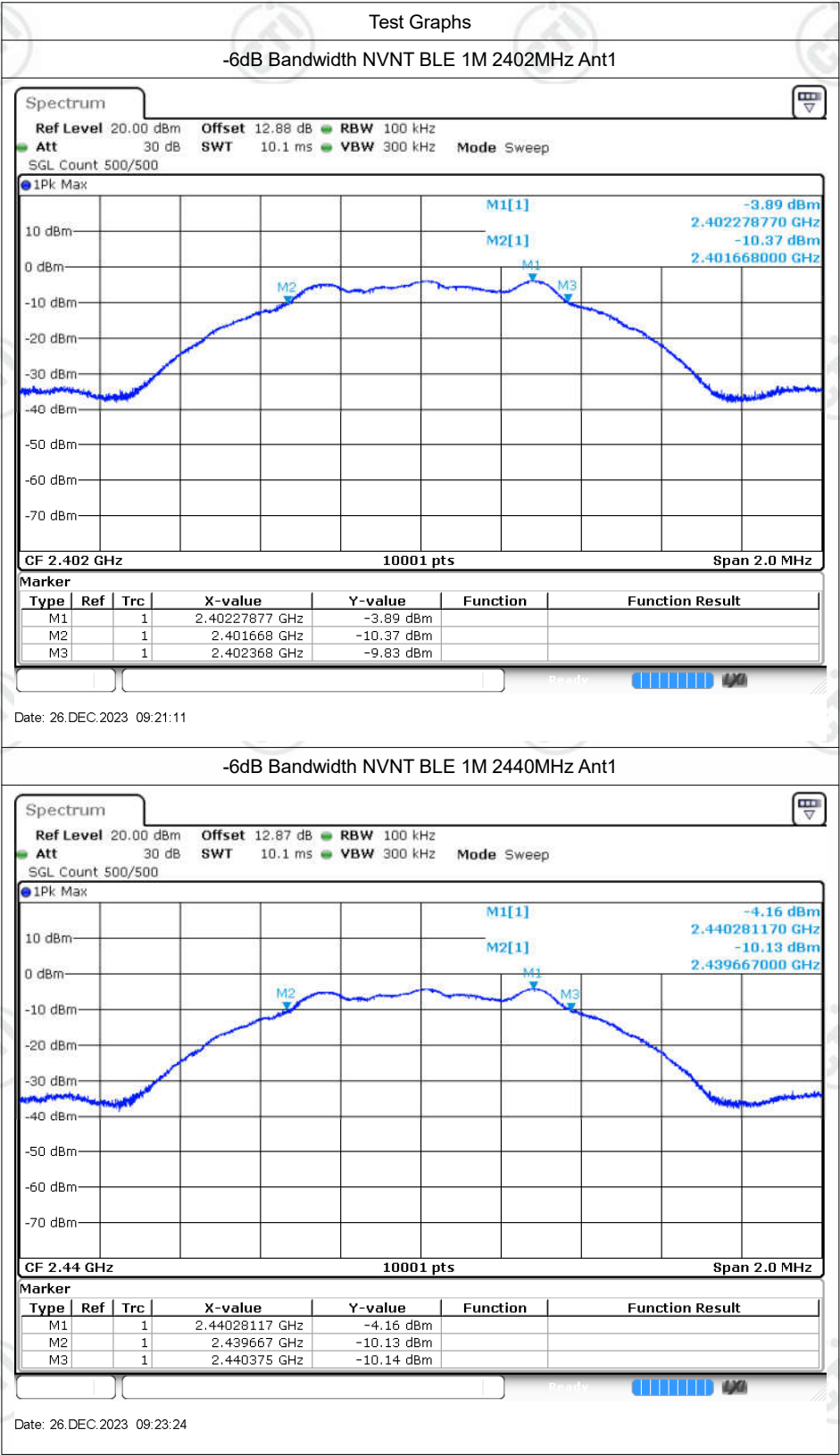


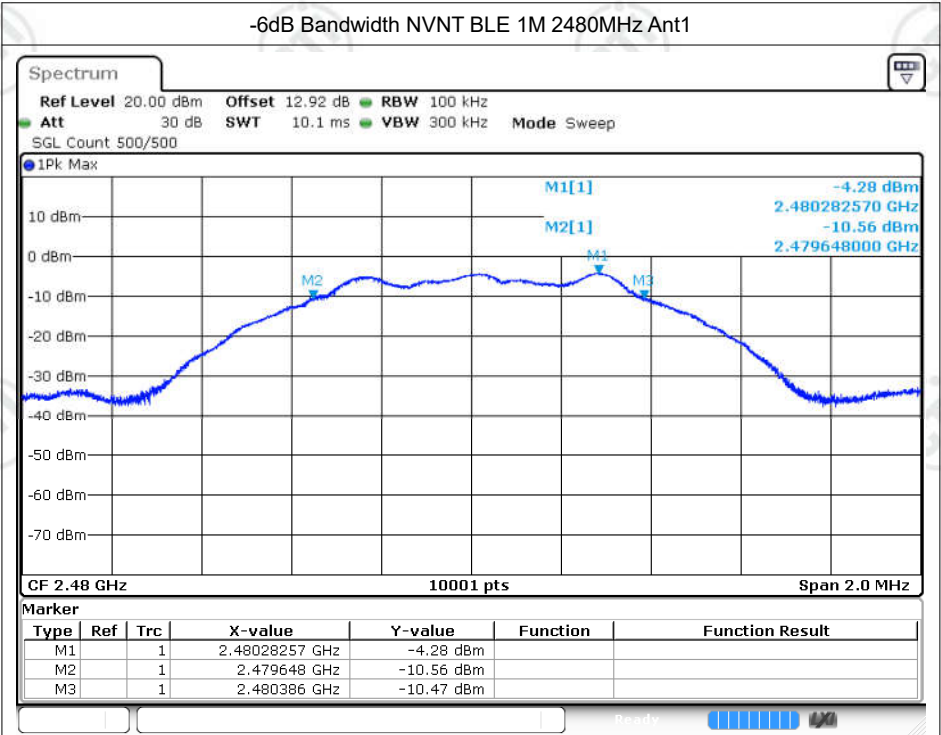




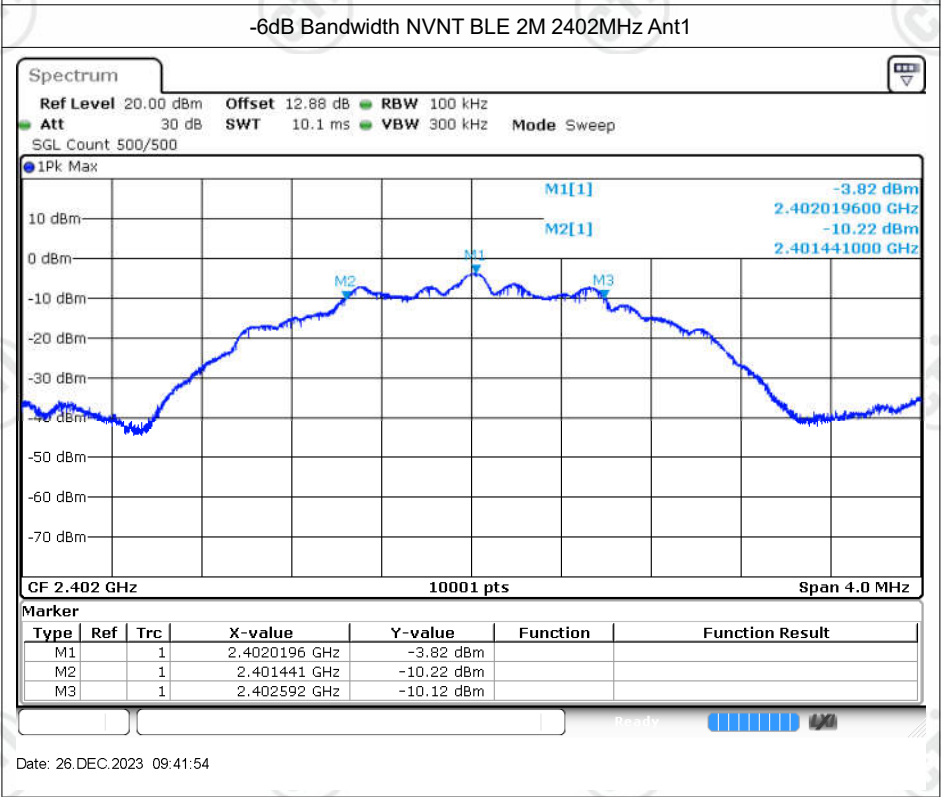
-6dB Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.7                   | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.708                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.738                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.15                  | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | 1.15                  | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 1.146                 | 0.5                         | Pass    |

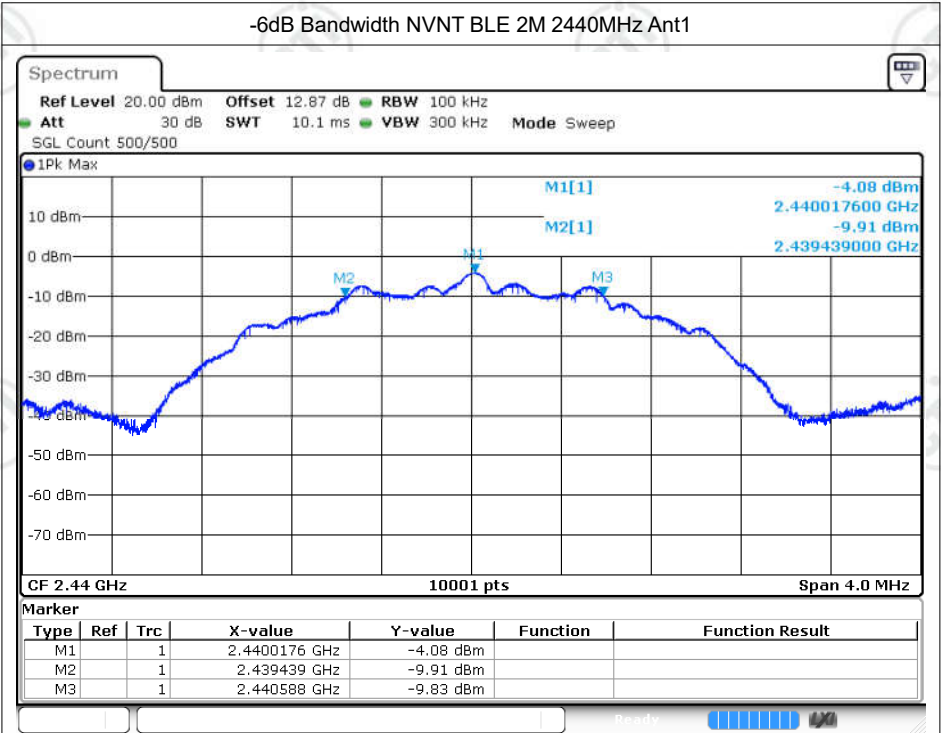




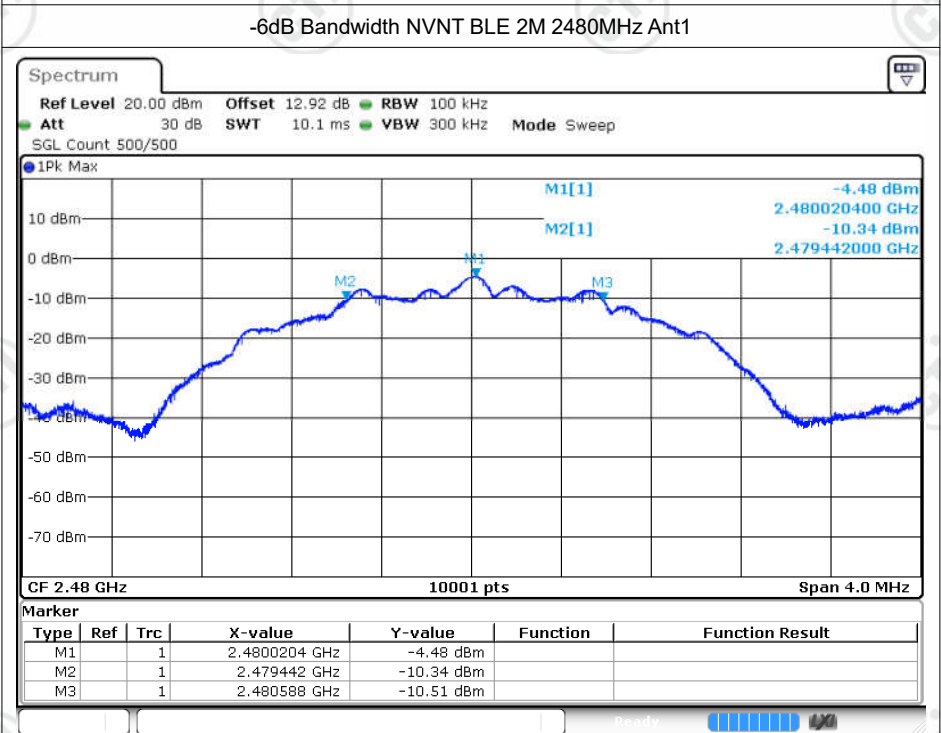
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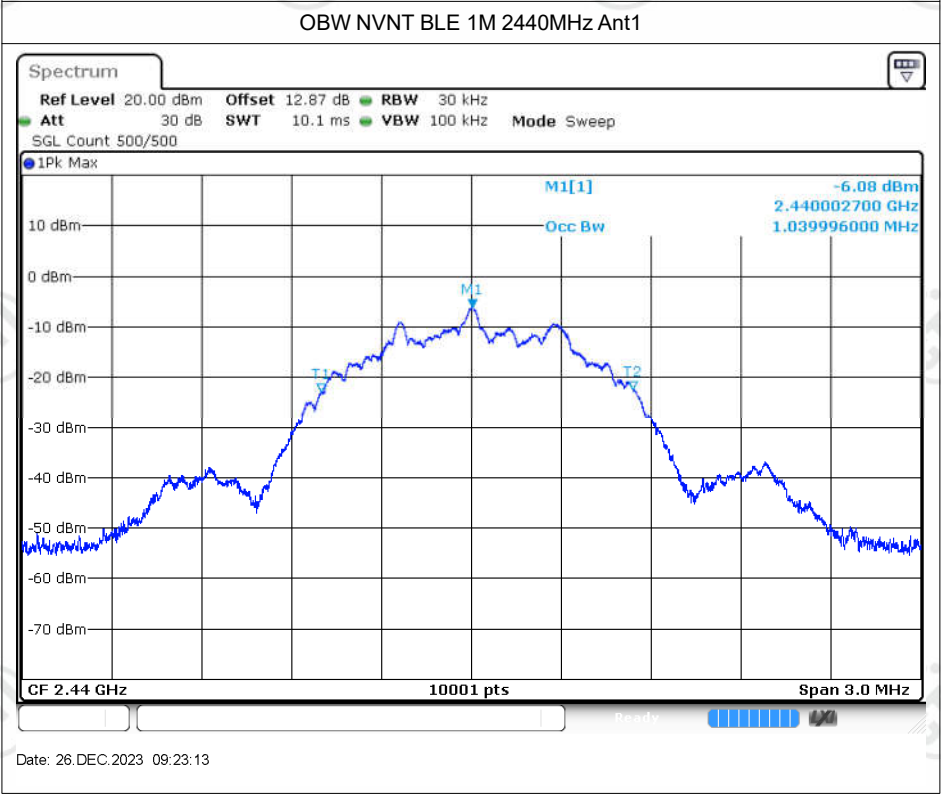
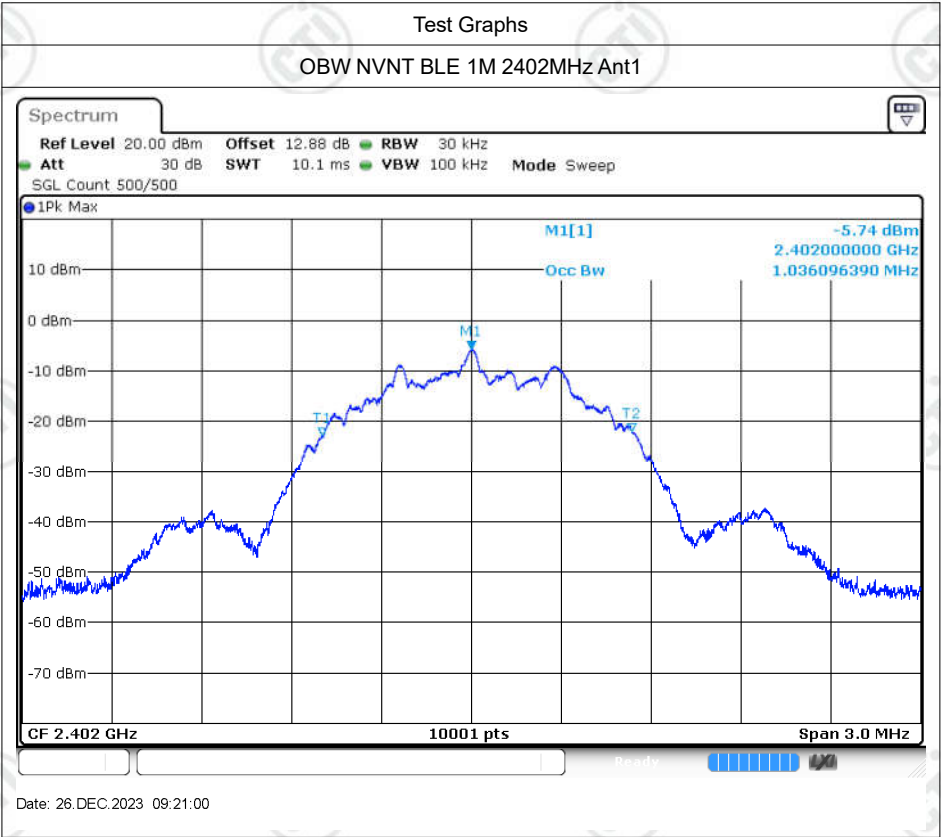
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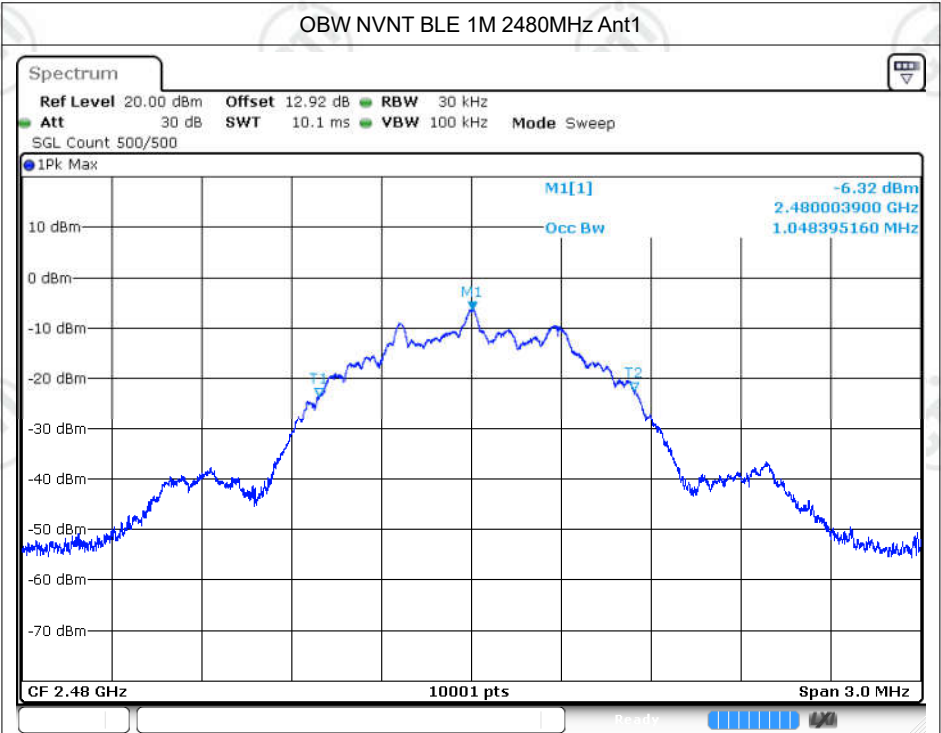


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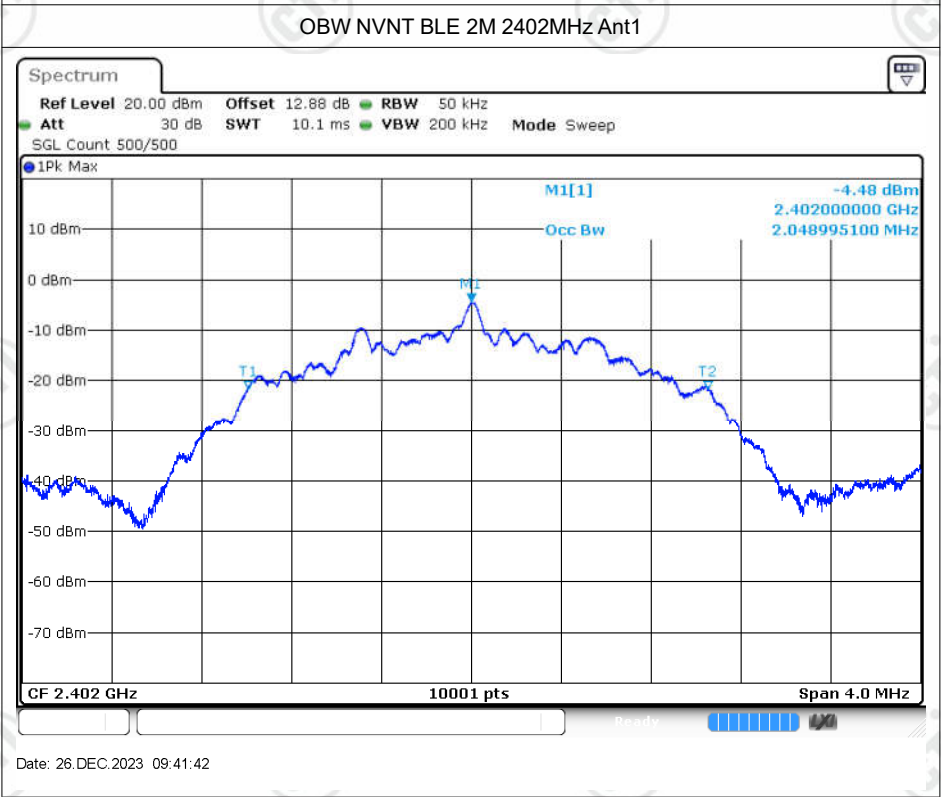
Occupied Channel Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.036         |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.04          |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.048         |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.049         |
| NVNT      | BLE 2M | 2440            | Ant1    | 2.052         |
| NVNT      | BLE 2M | 2480            | Ant1    | 2.052         |

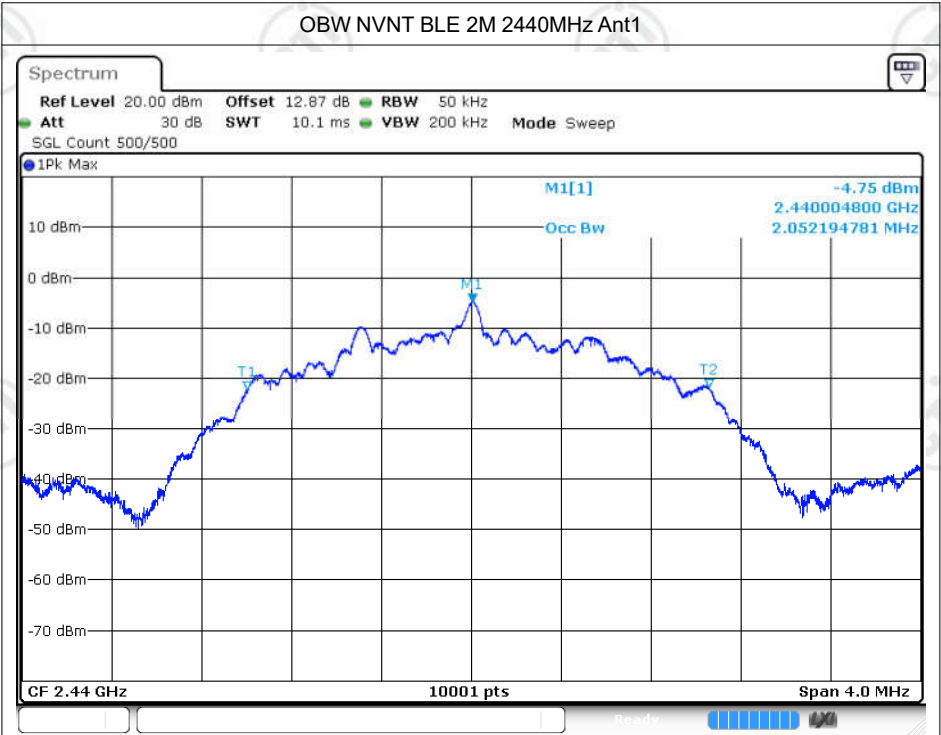




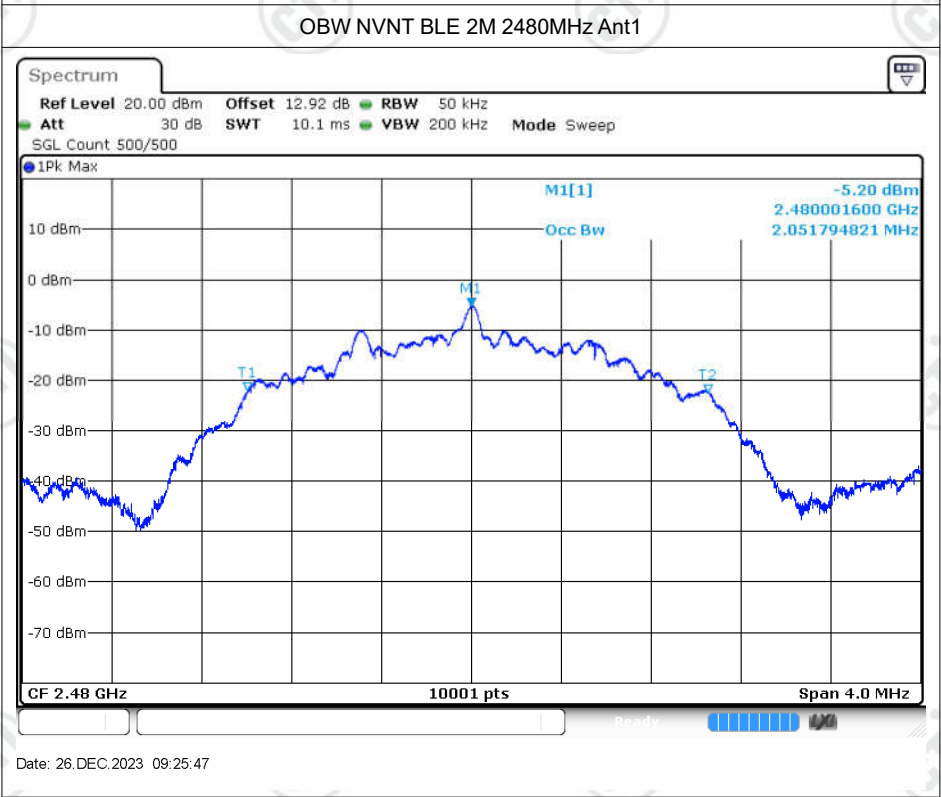
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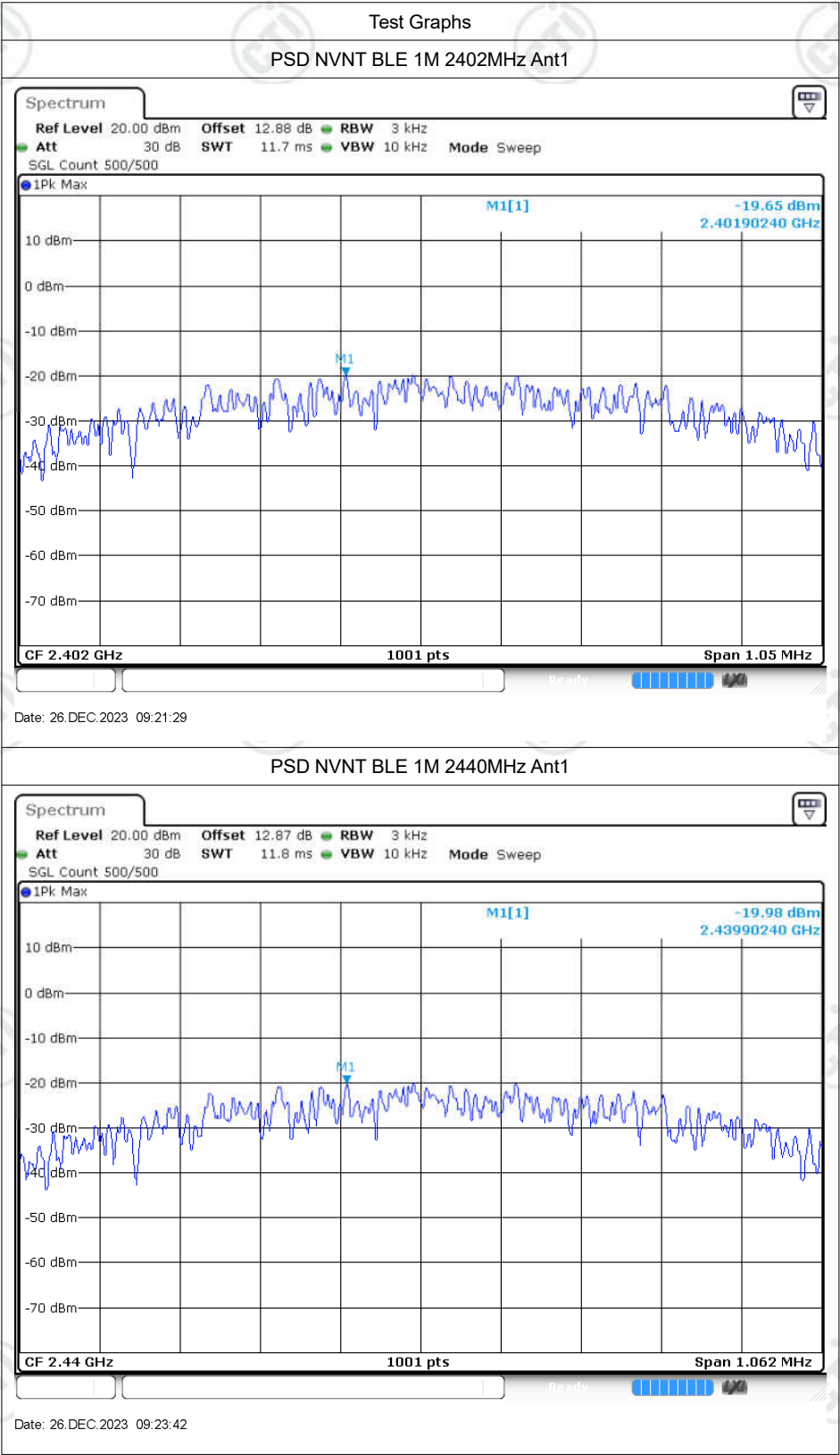
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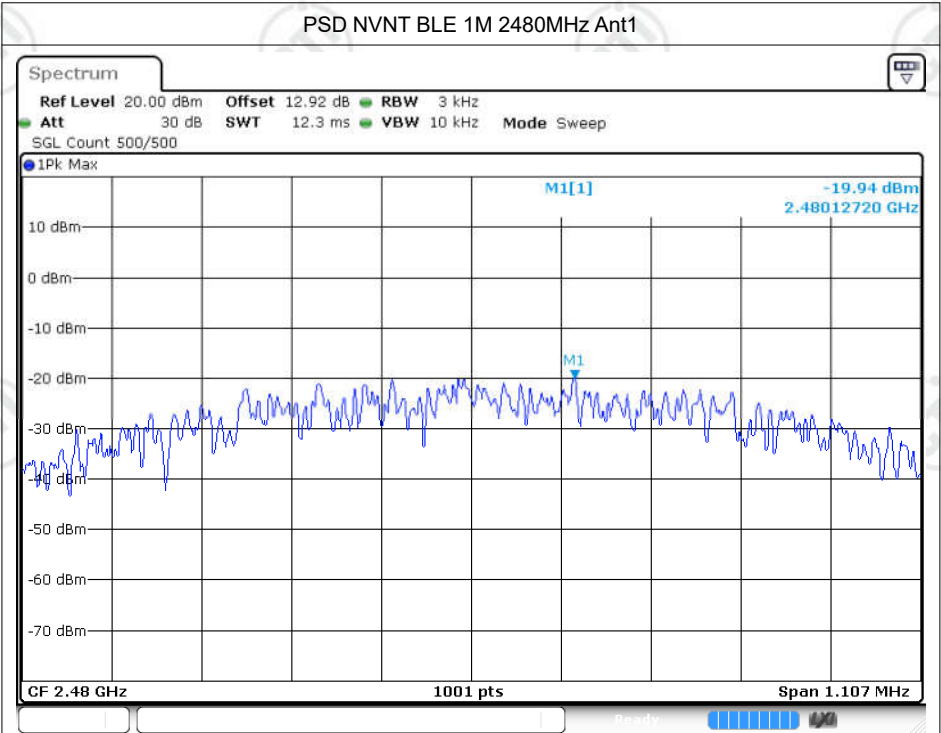


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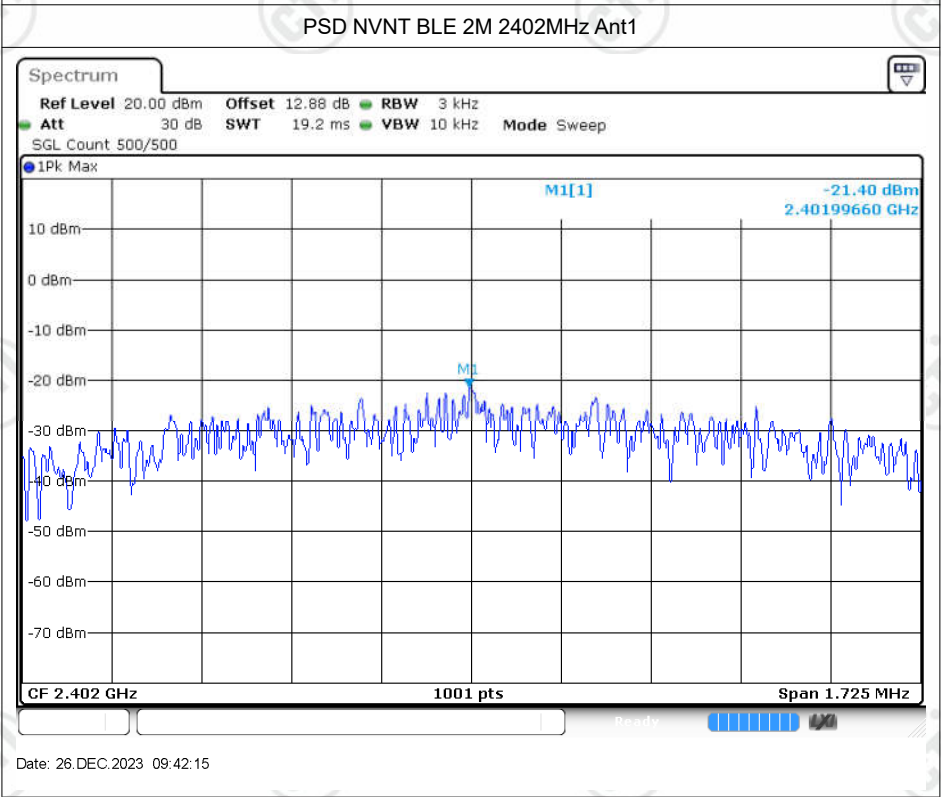
Maximum Power Spectral Density Level

| Condition | Mode   | Frequency<br>(MHz) | Antenna | Conducted PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|--------|--------------------|---------|-----------------------------|---------------------|---------|
| NVNT      | BLE 1M | 2402               | Ant1    | -19.65                      | 8                   | Pass    |
| NVNT      | BLE 1M | 2440               | Ant1    | -19.98                      | 8                   | Pass    |
| NVNT      | BLE 1M | 2480               | Ant1    | -19.94                      | 8                   | Pass    |
| NVNT      | BLE 2M | 2402               | Ant1    | -21.4                       | 8                   | Pass    |
| NVNT      | BLE 2M | 2440               | Ant1    | -21.62                      | 8                   | Pass    |
| NVNT      | BLE 2M | 2480               | Ant1    | -22.01                      | 8                   | Pass    |

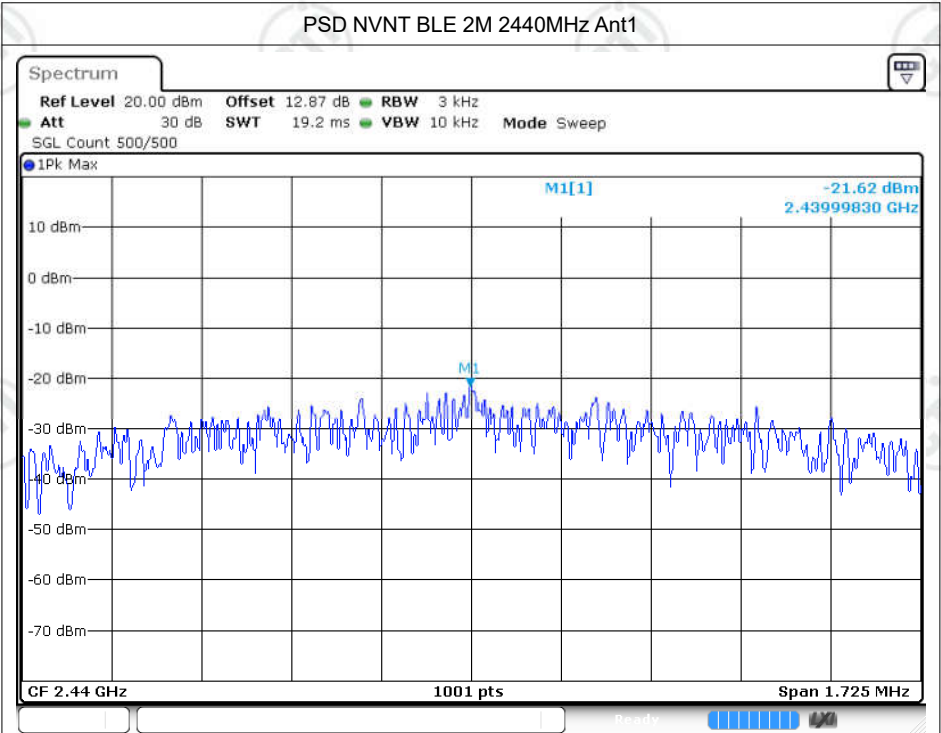




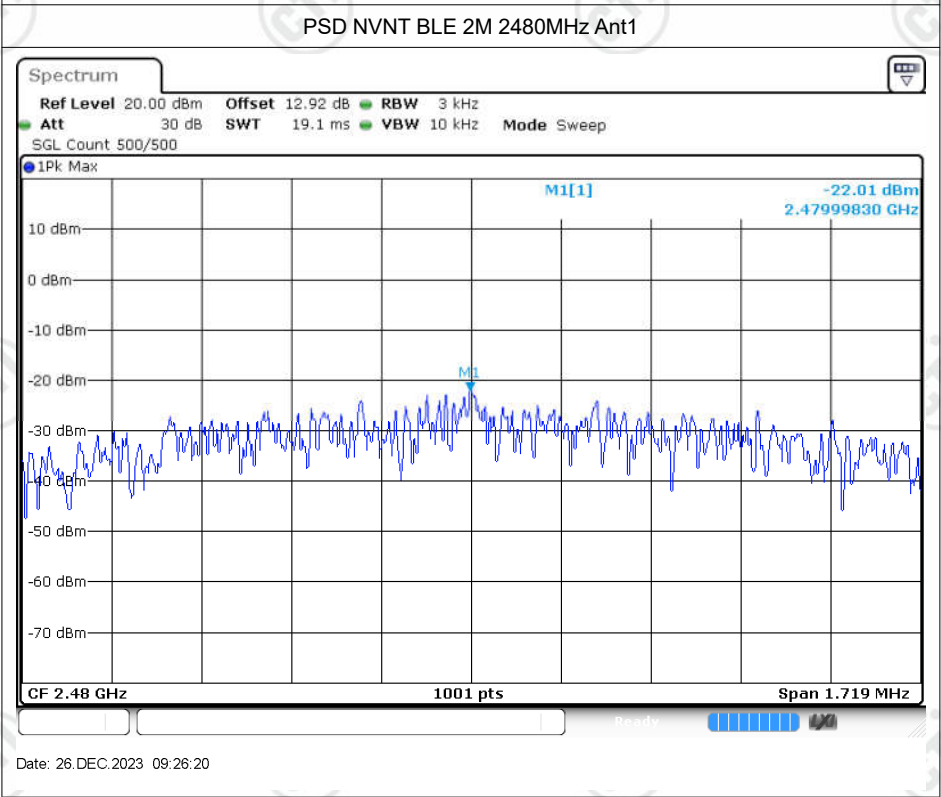
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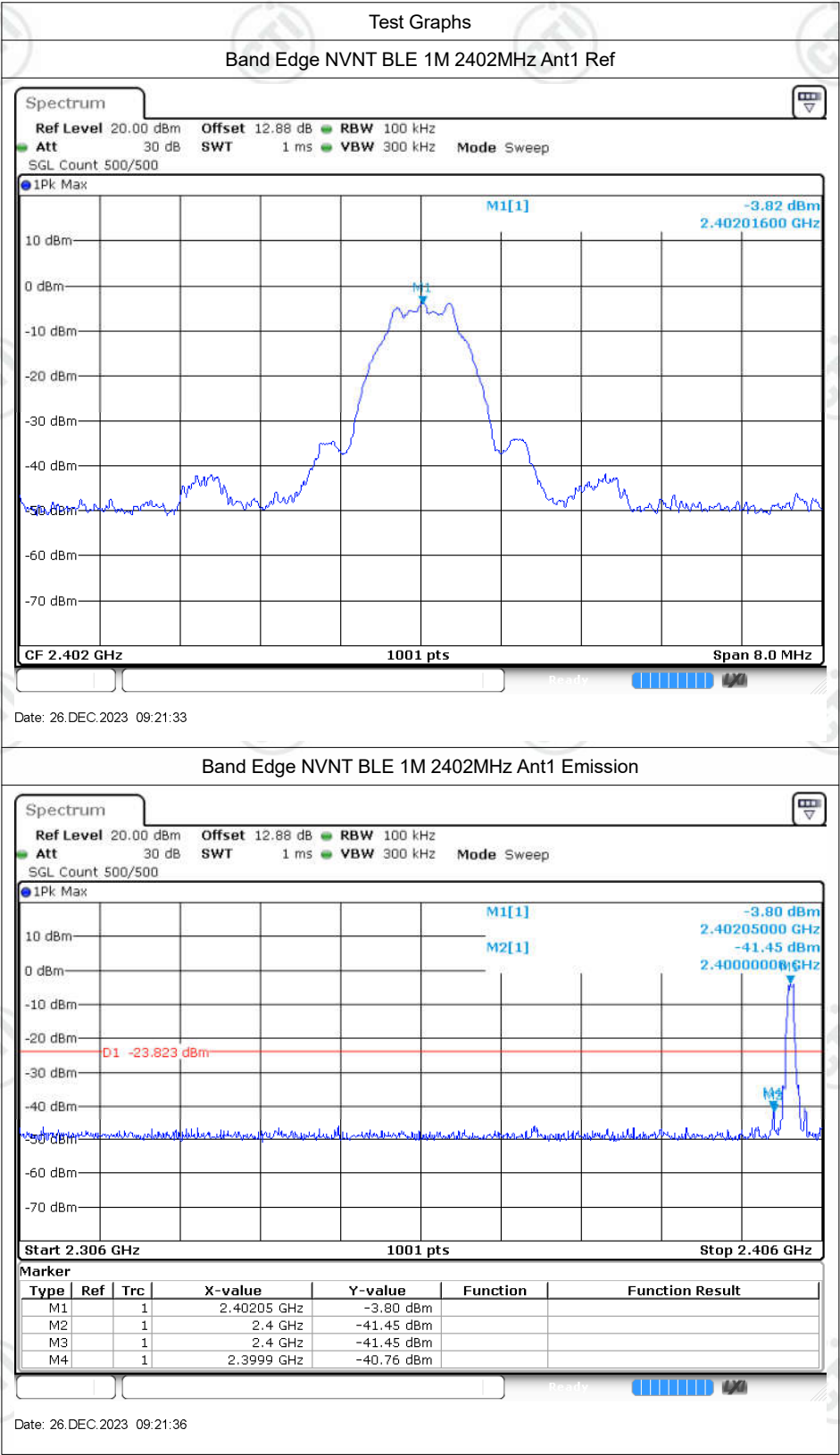
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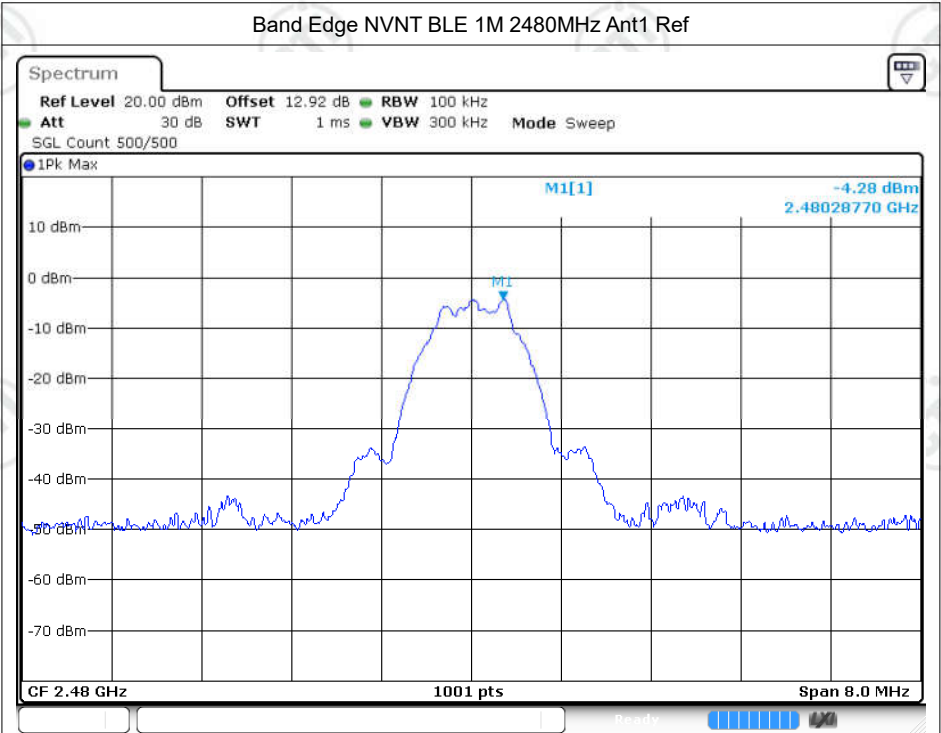


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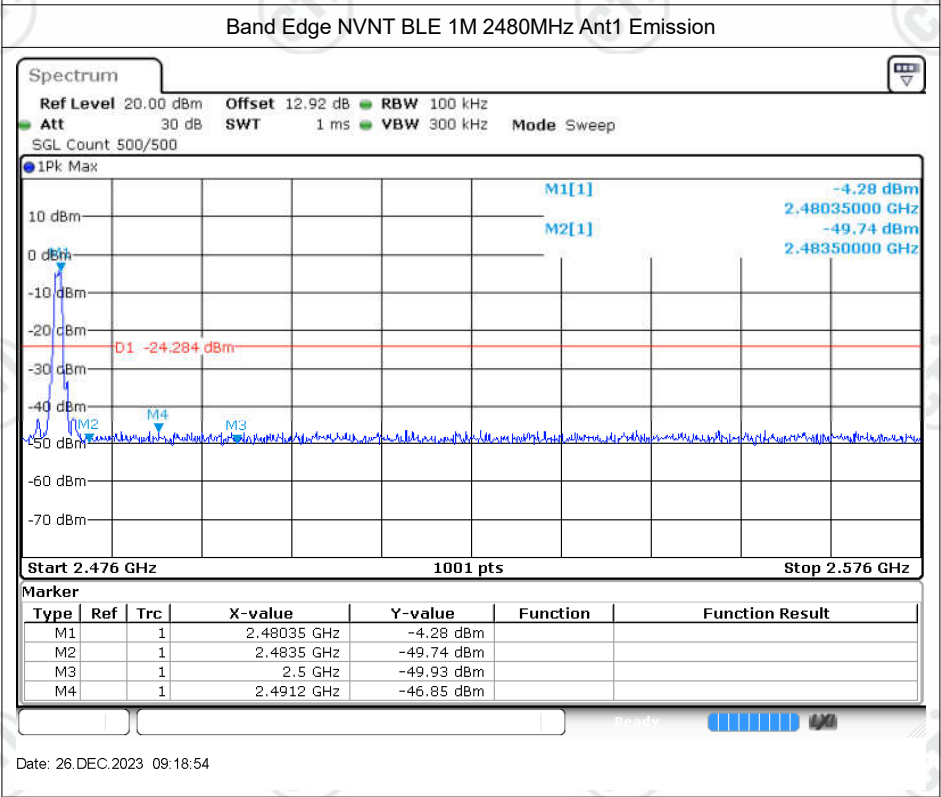
Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -36.93          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -42.57          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -34.99          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -42.22          | -20         | Pass    |

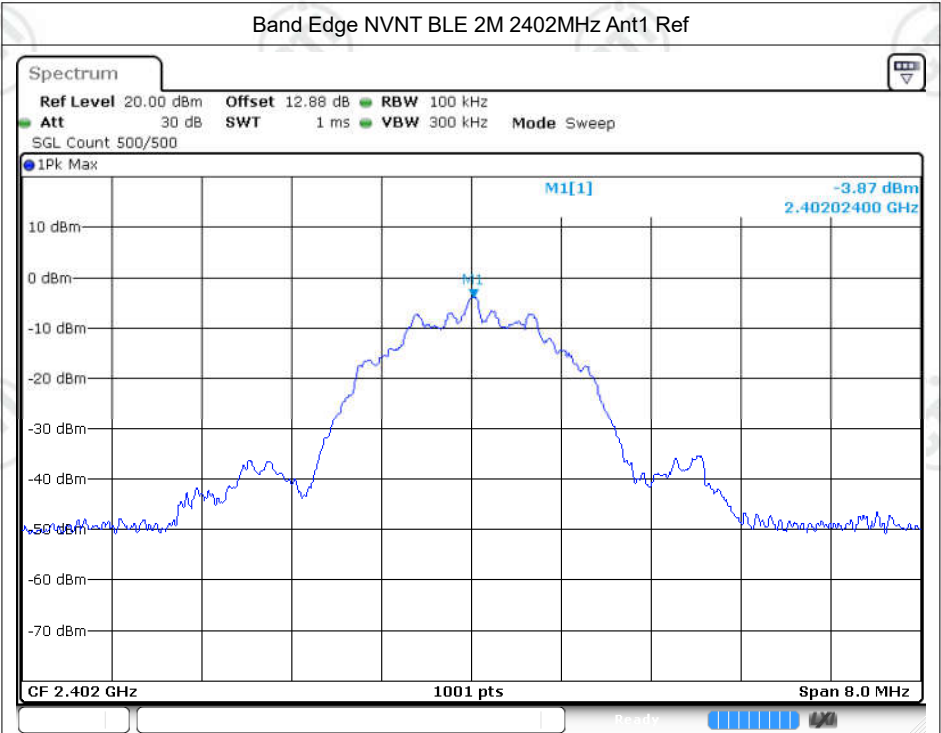




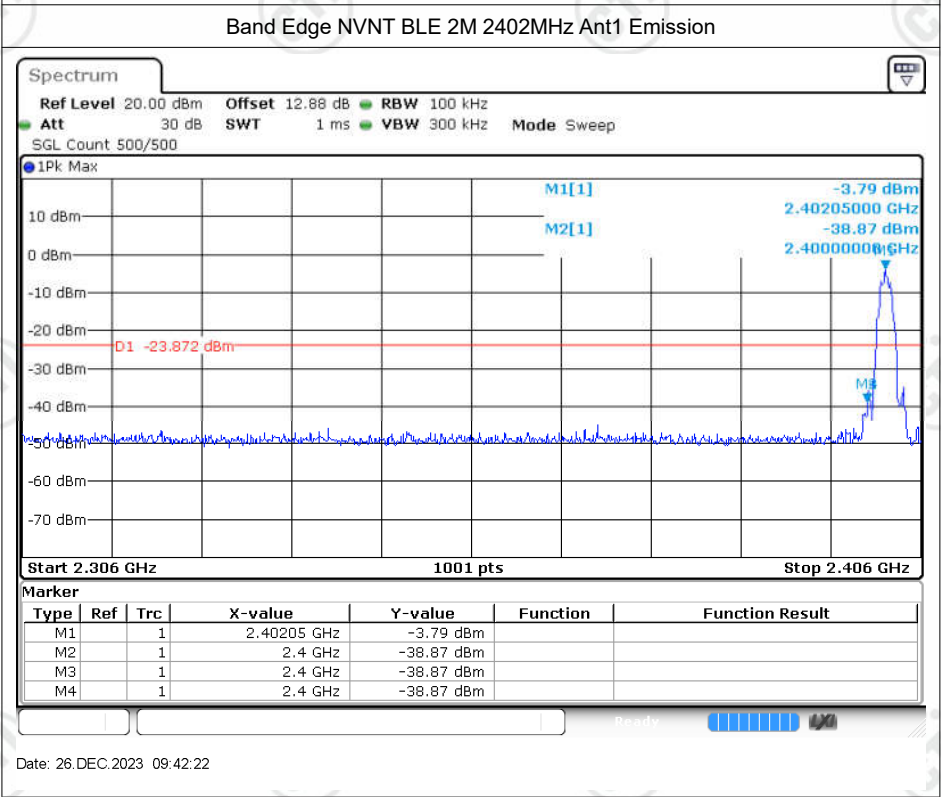
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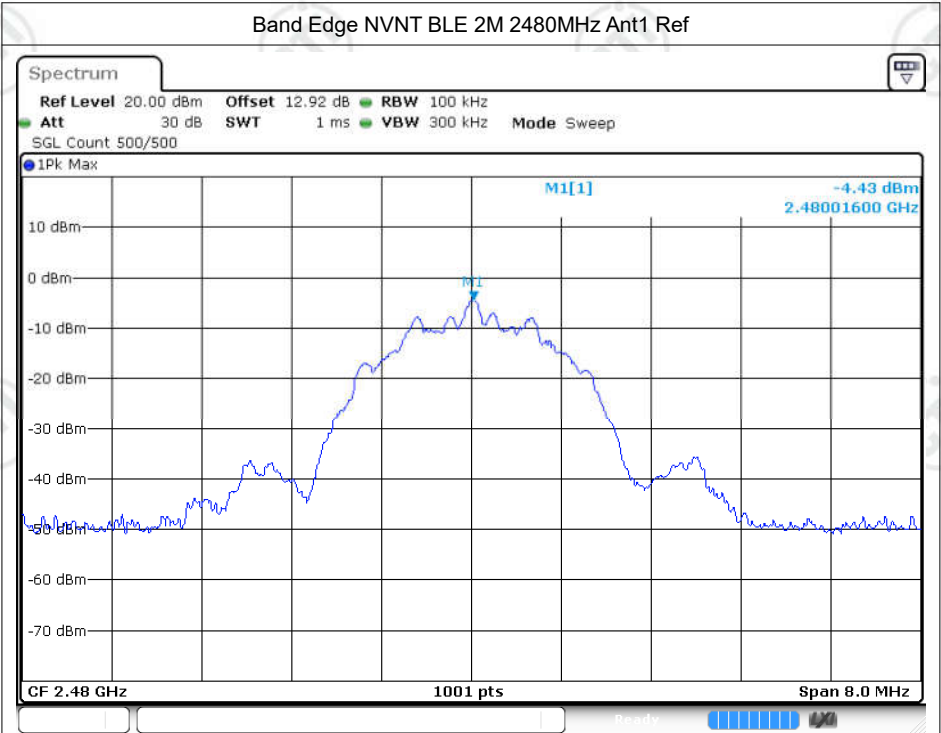
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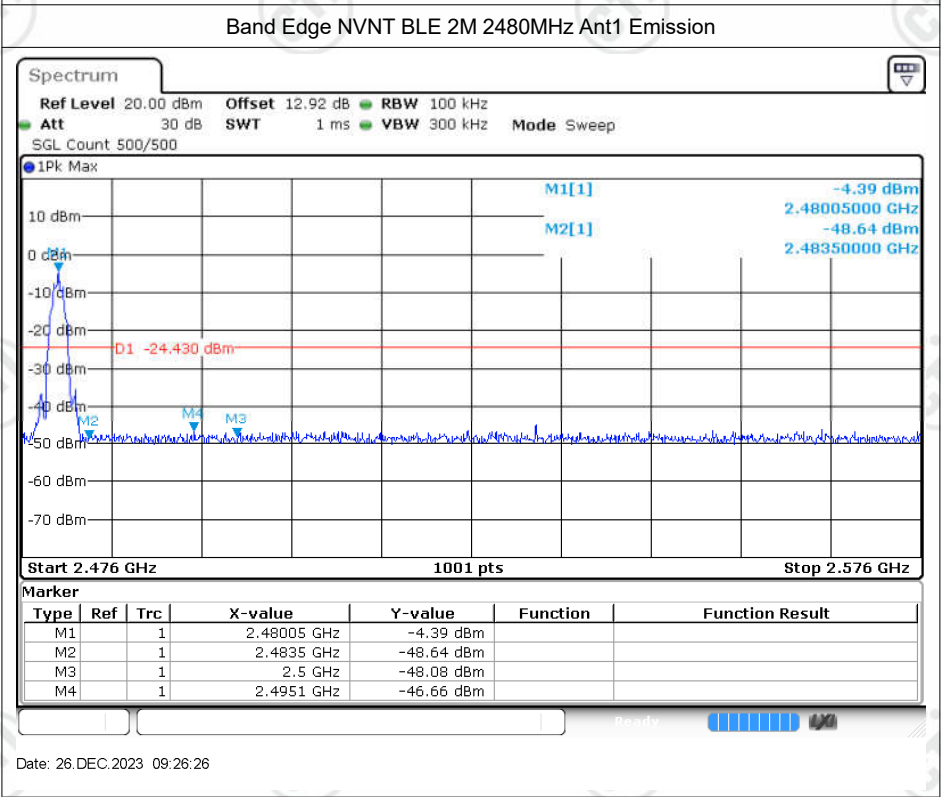
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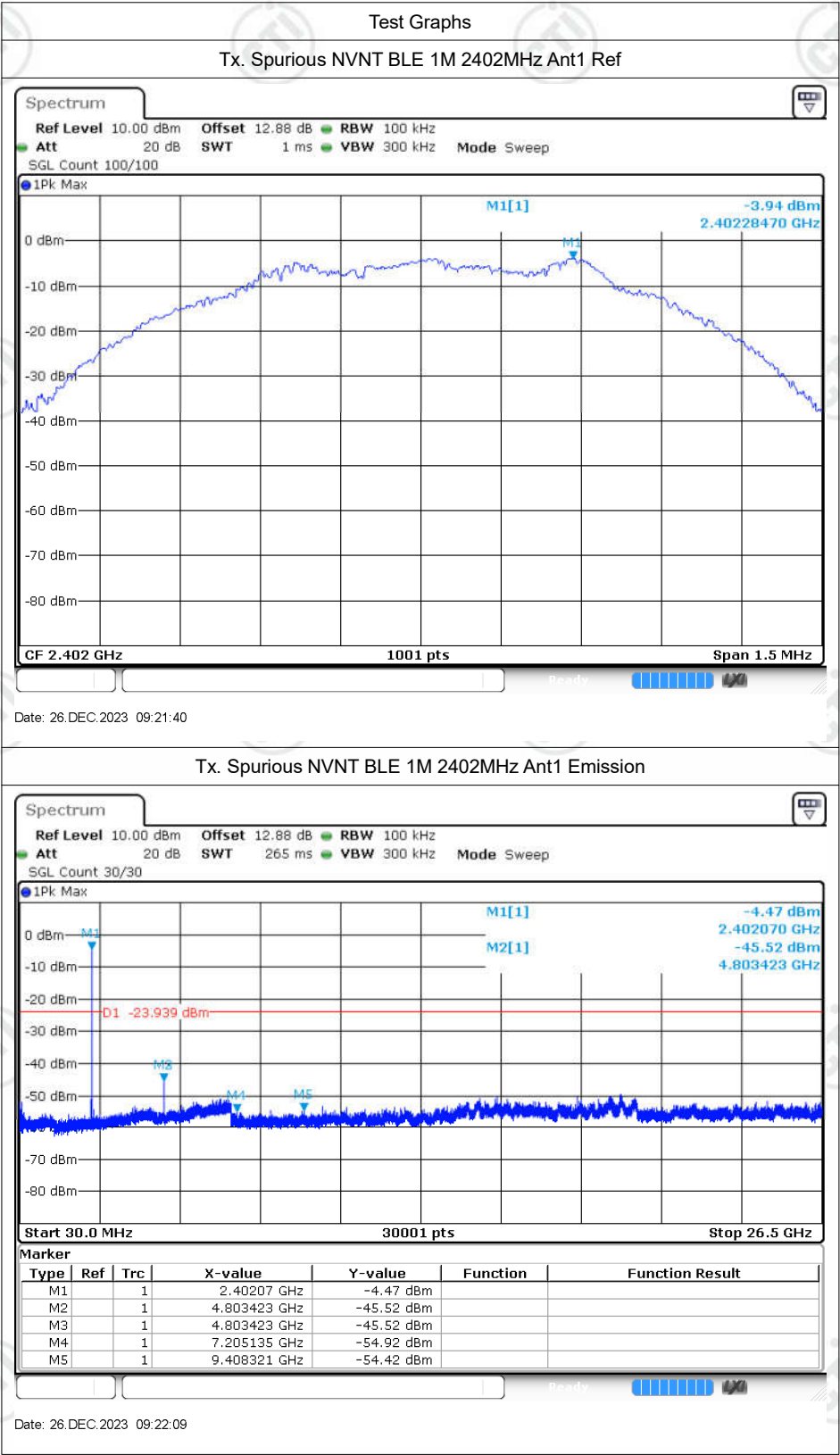
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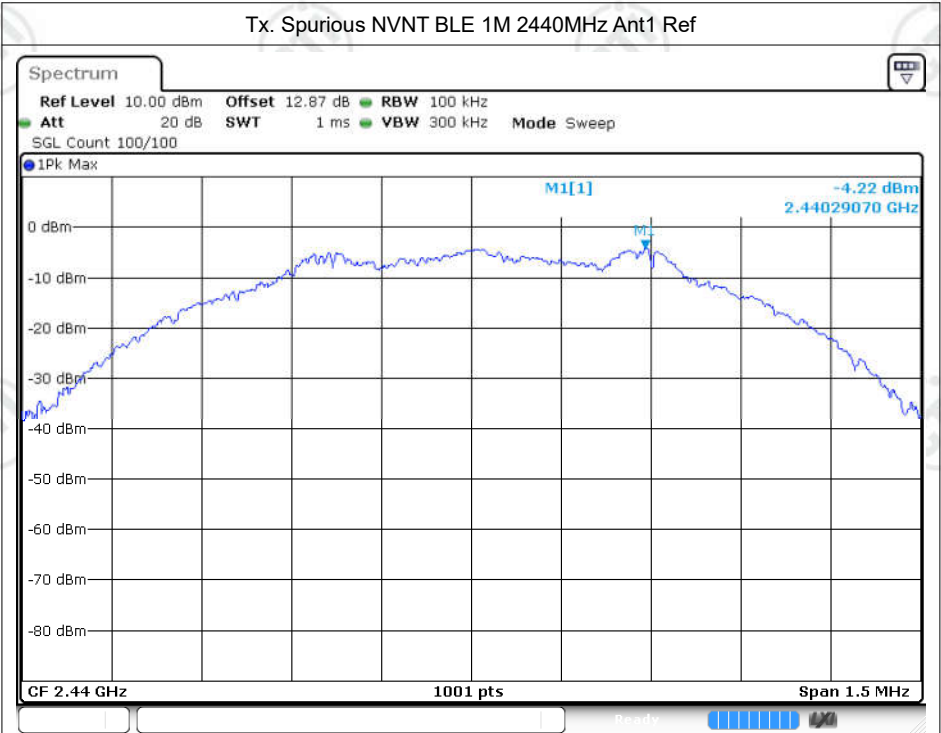


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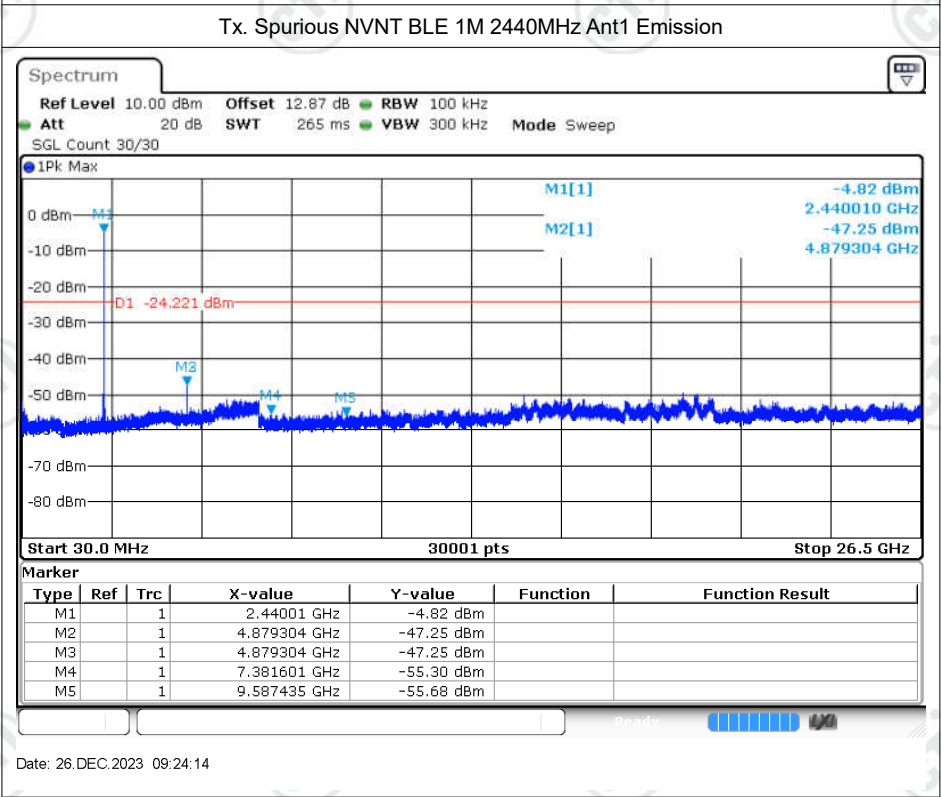
Conducted RF Spurious Emission

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -41.57          | -20         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -43.03          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -39.39          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -43.58          | -20         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -41.97          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -39.84          | -20         | Pass    |

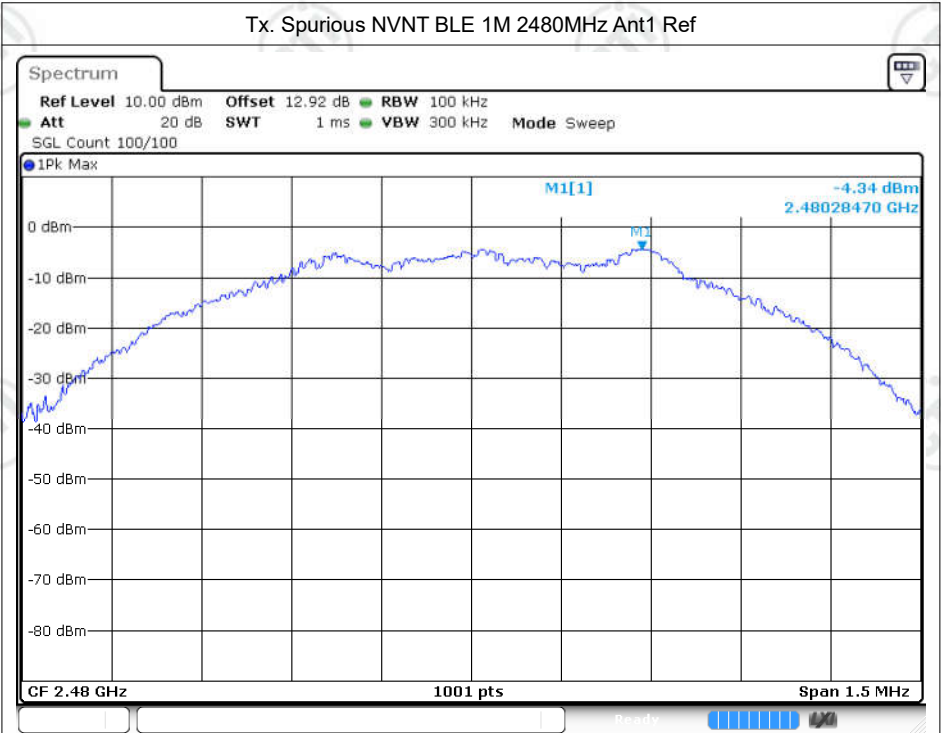




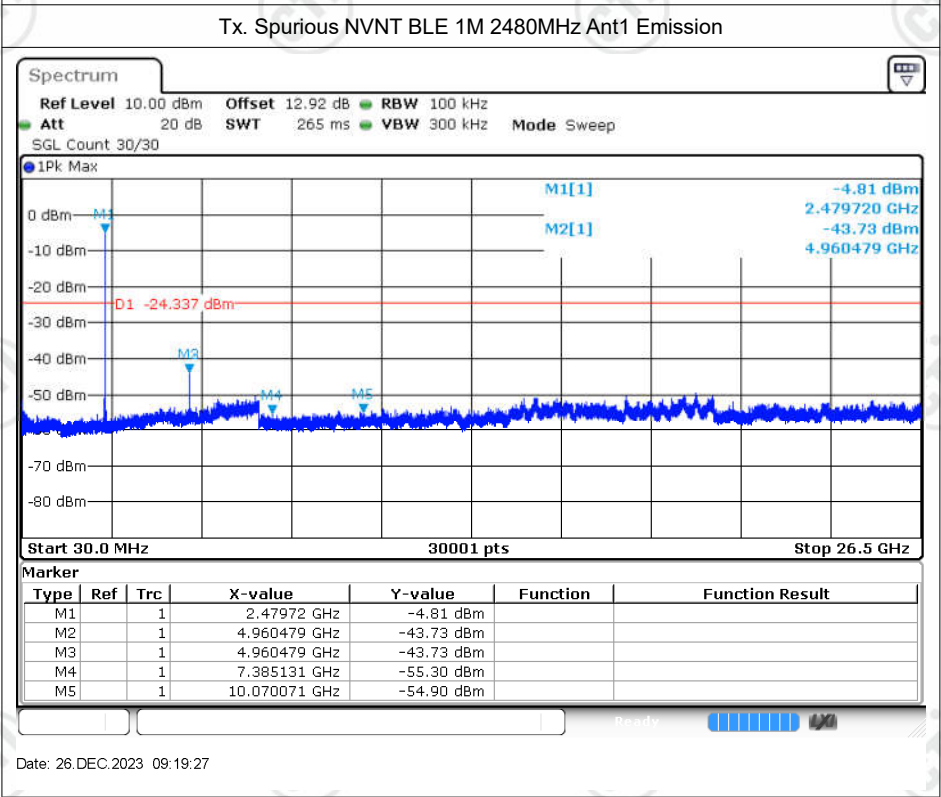
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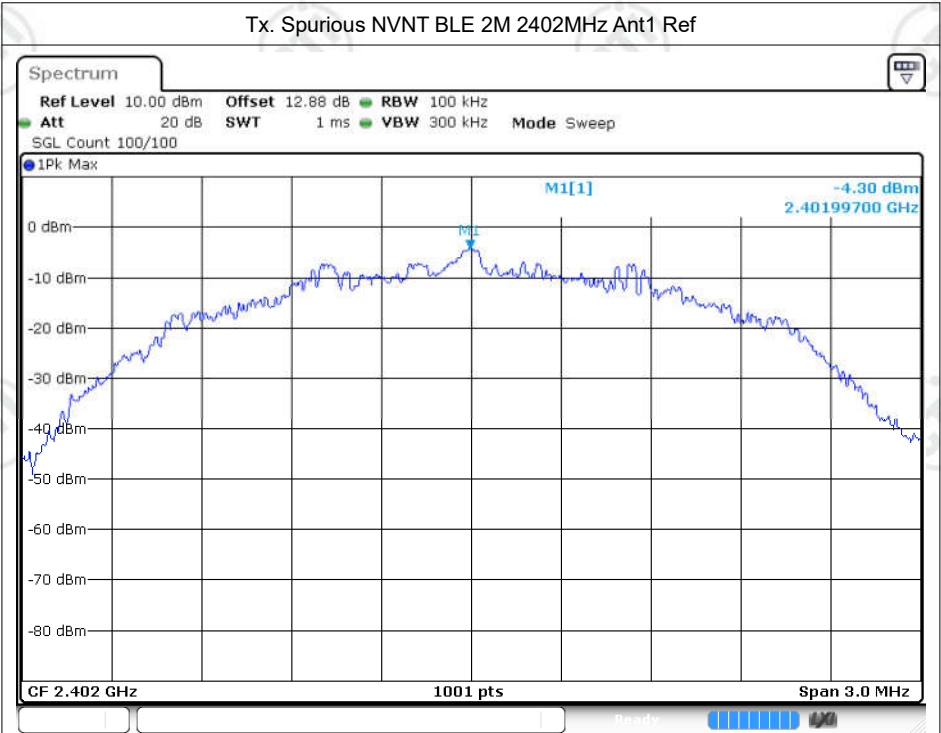


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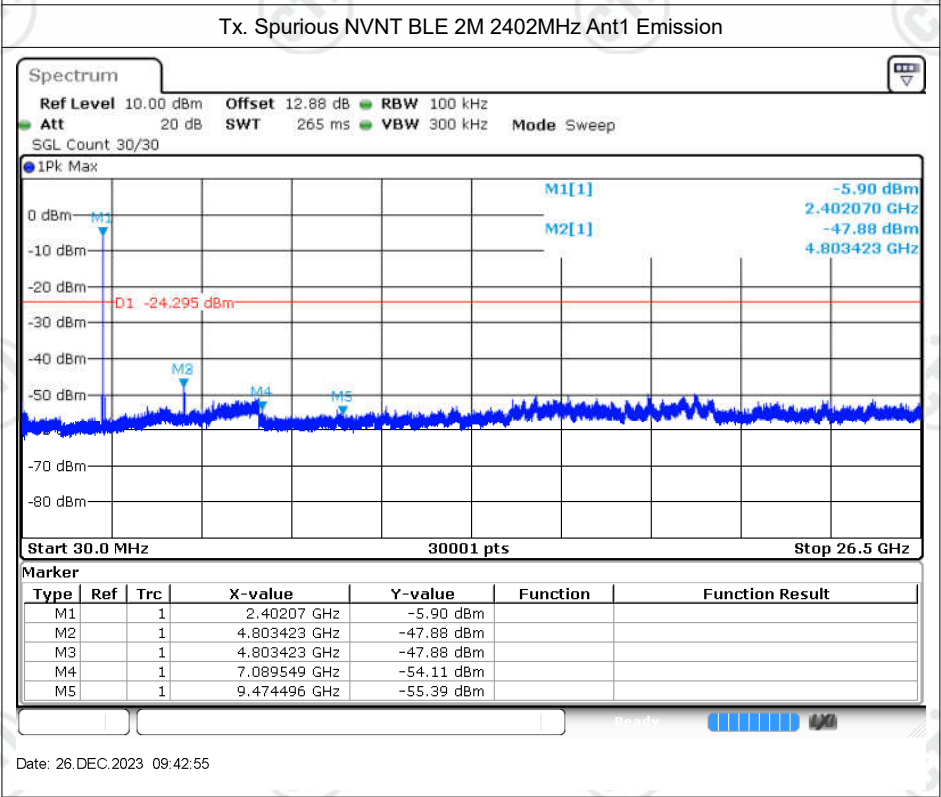


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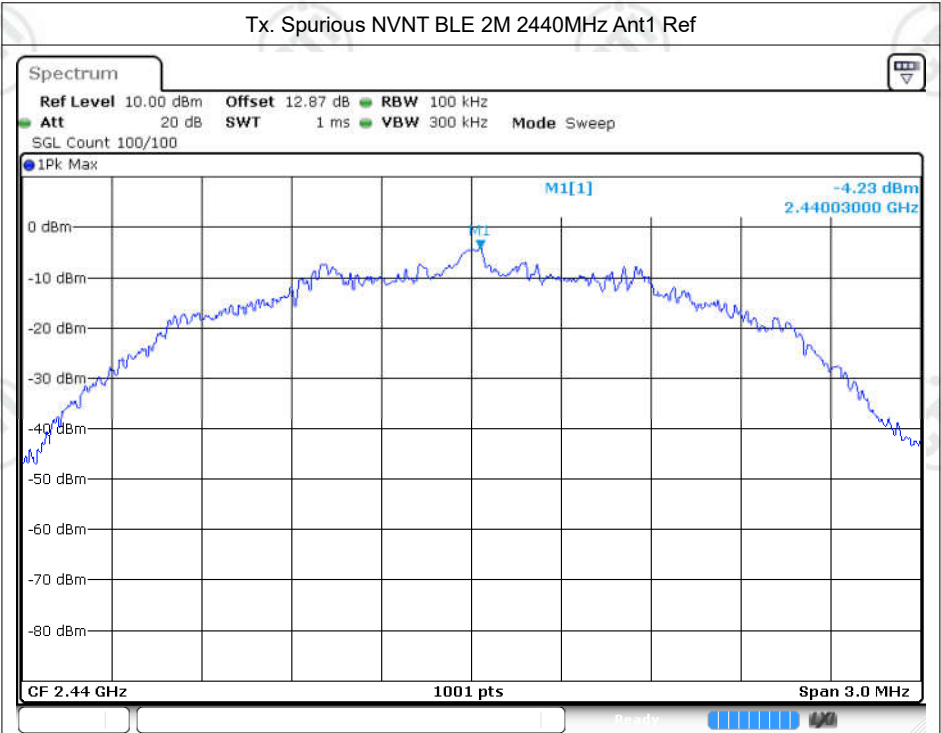




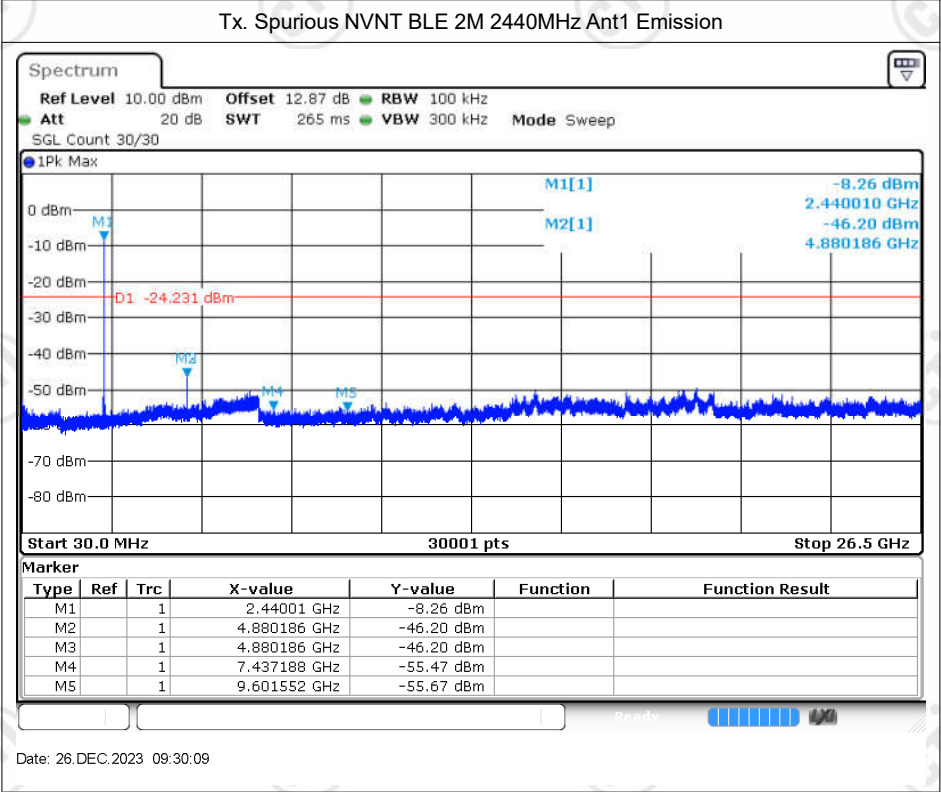
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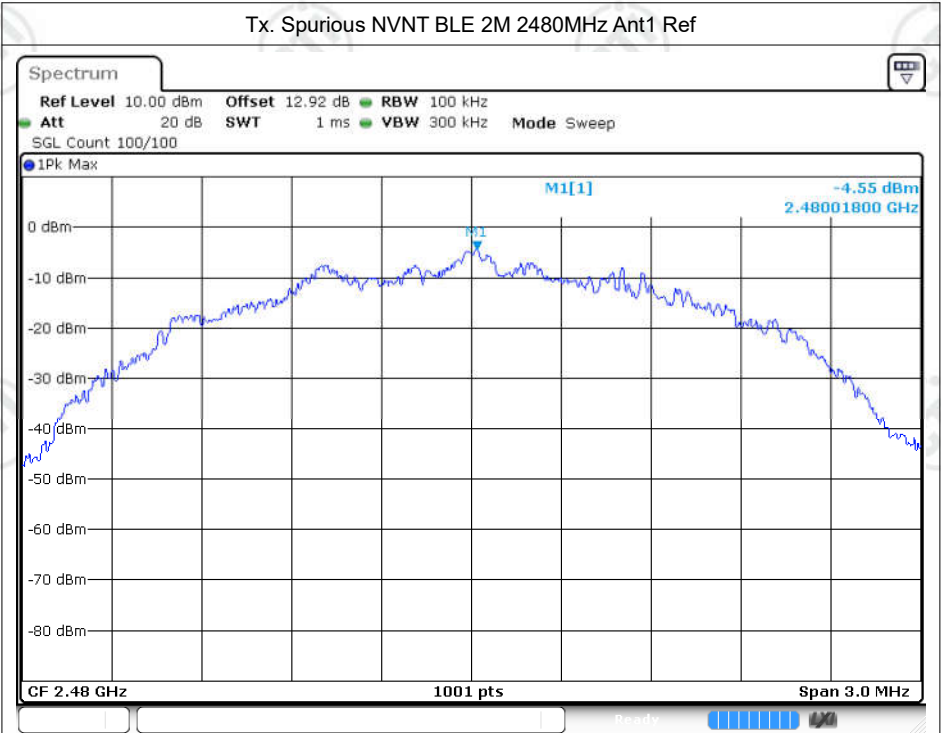
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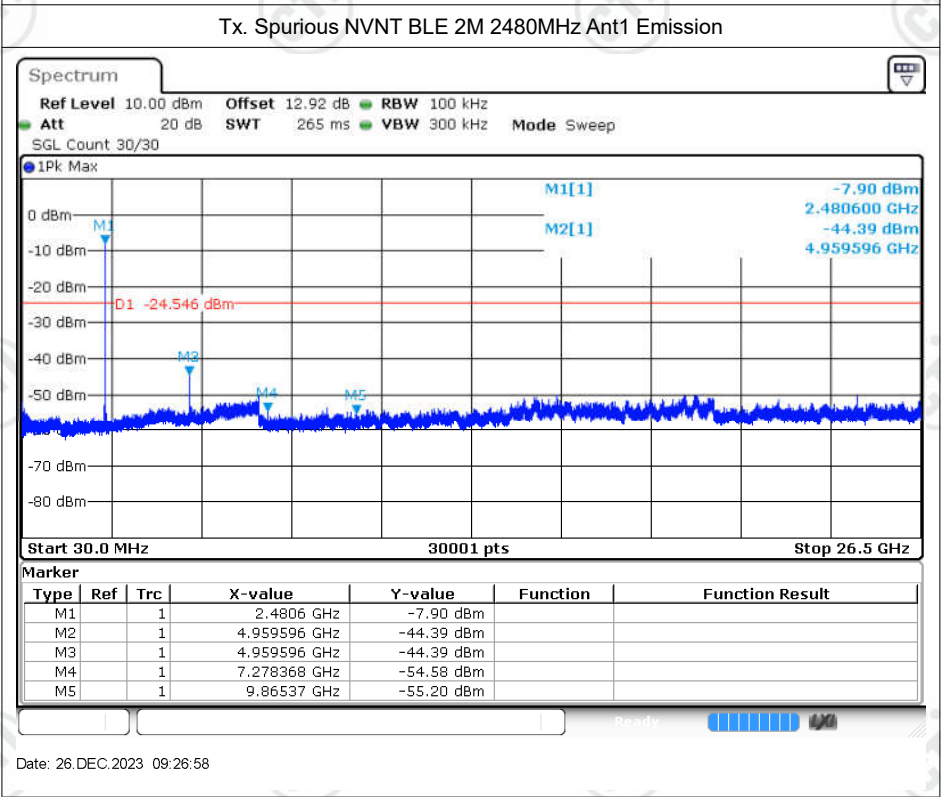
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Date: 26.DEC.2023 09:26:58

\*\*\*END OF REPORT\*\*\*