

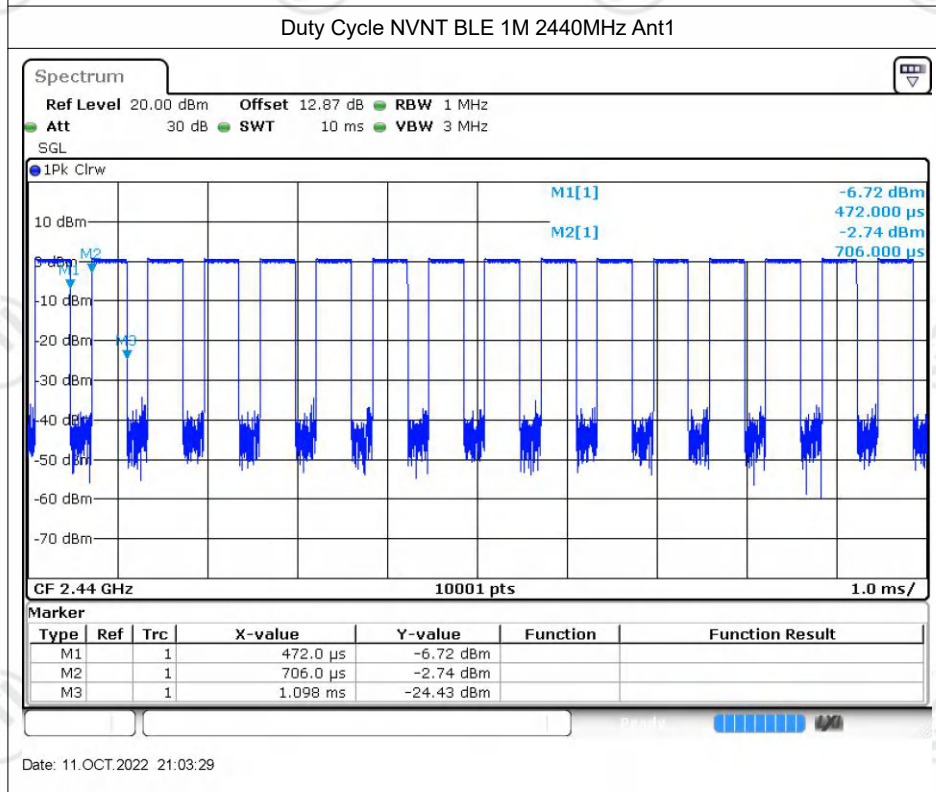
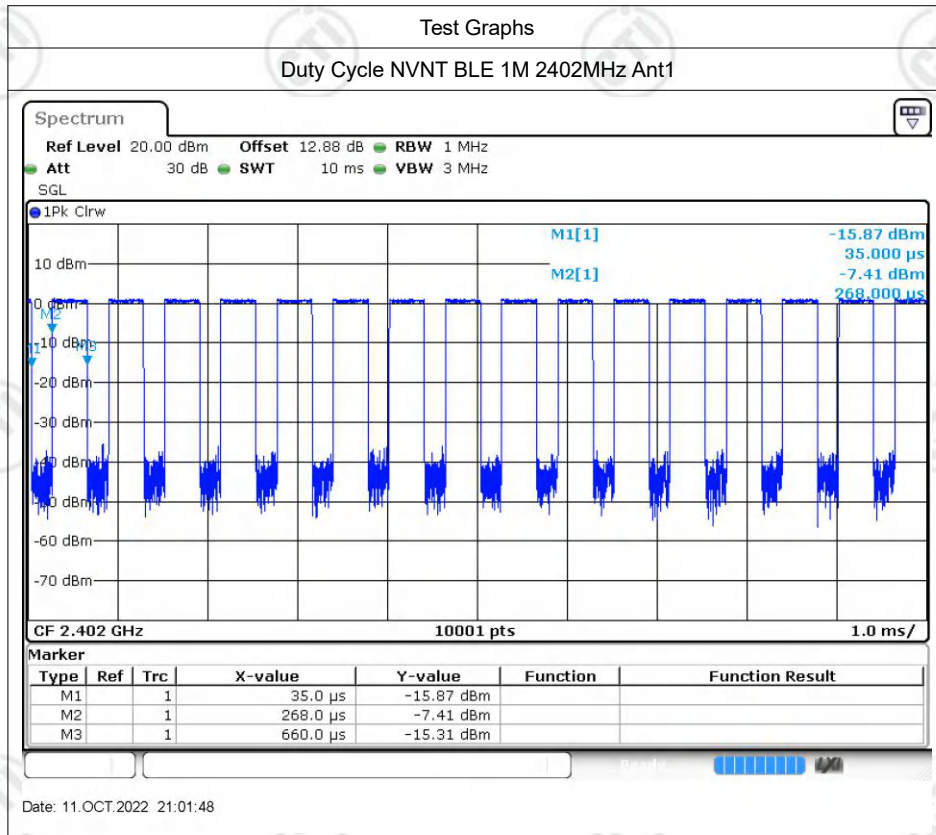
Appendix:Bluetooth LE

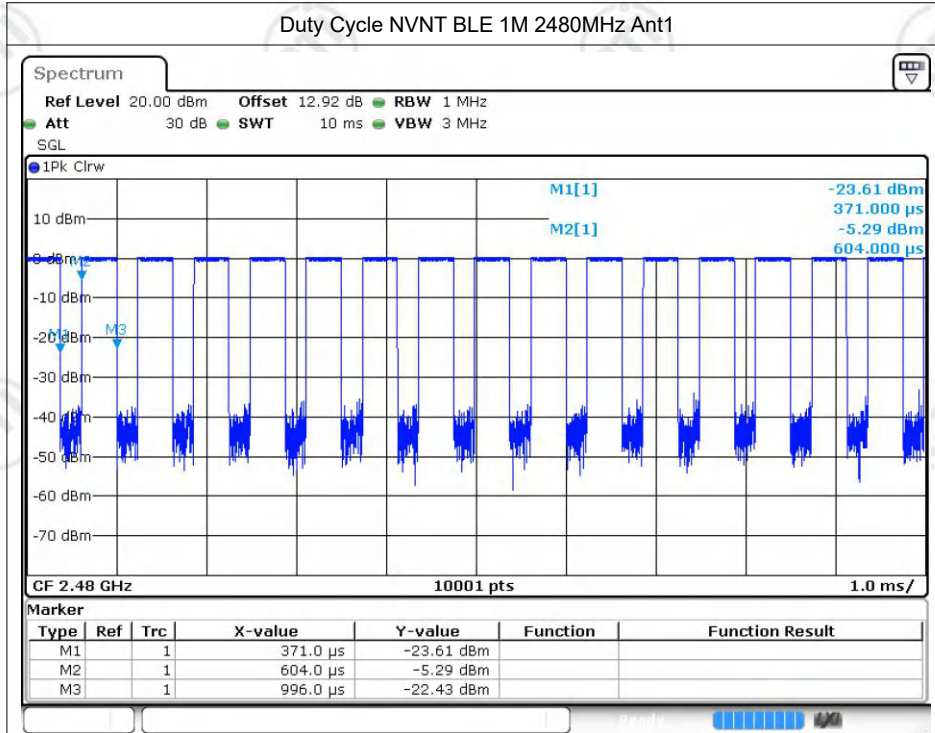
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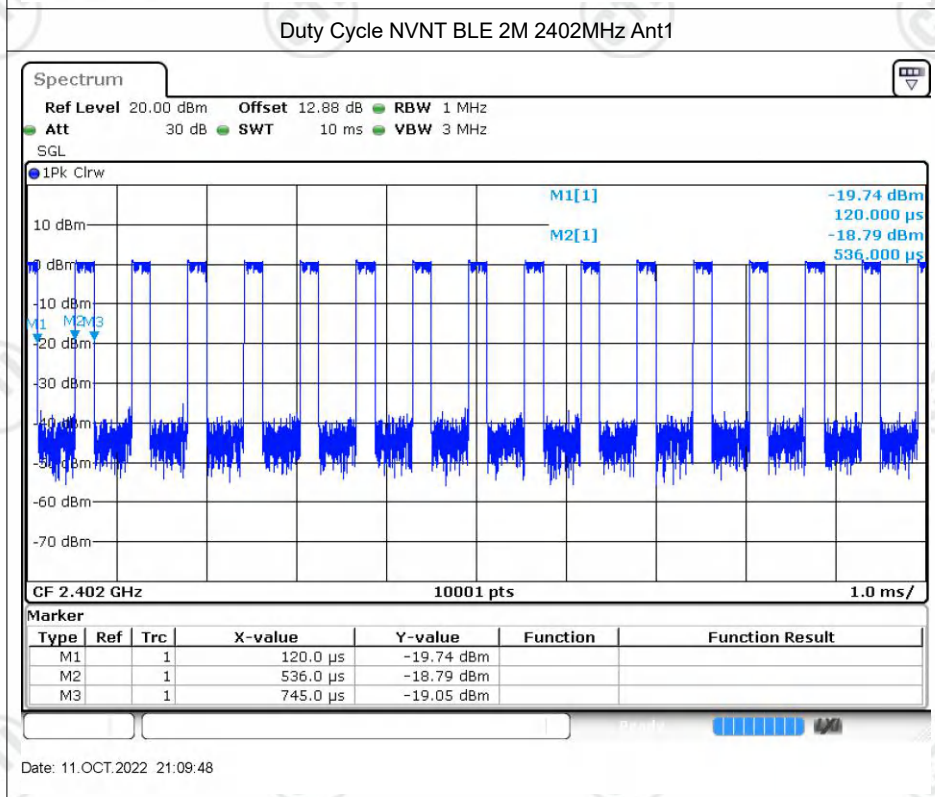
## Duty Cycle

| Condition | Mode   | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|--------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | BLE 1M | 2402            | Ant1    | 62.72          | 2.03                   | 2.55      |
| NVNT      | BLE 1M | 2440            | Ant1    | 62.62          | 2.03                   | 2.55      |
| NVNT      | BLE 1M | 2480            | Ant1    | 62.72          | 2.03                   | 2.55      |
| NVNT      | BLE 2M | 2402            | Ant1    | 33.44          | 4.76                   | 4.78      |
| NVNT      | BLE 2M | 2440            | Ant1    | 33.28          | 4.78                   | 4.81      |
| NVNT      | BLE 2M | 2480            | Ant1    | 33.28          | 4.78                   | 4.81      |

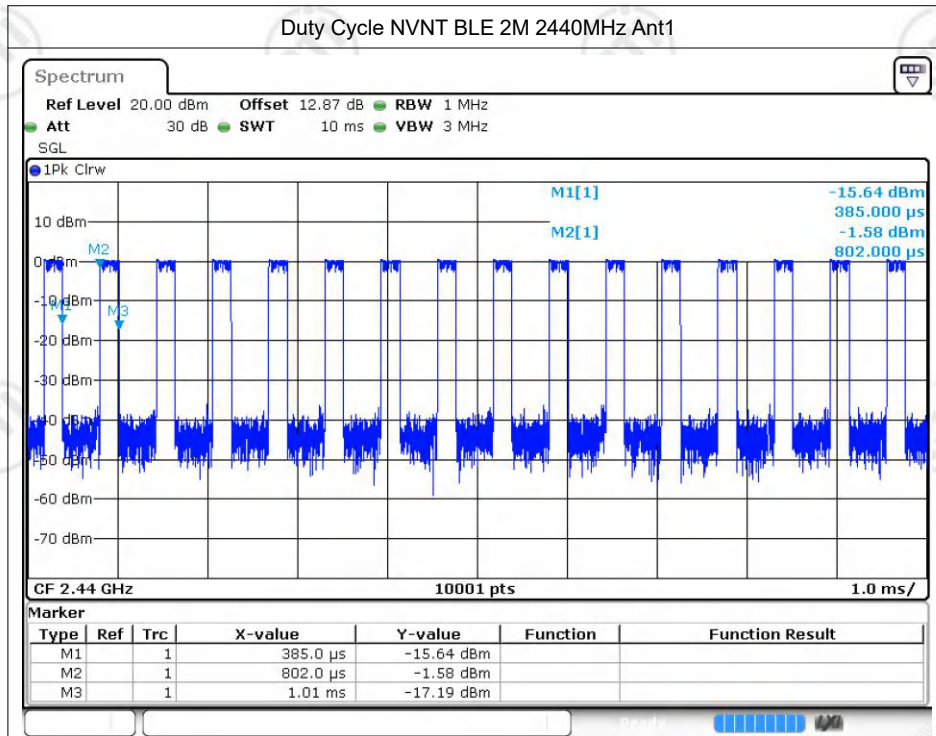




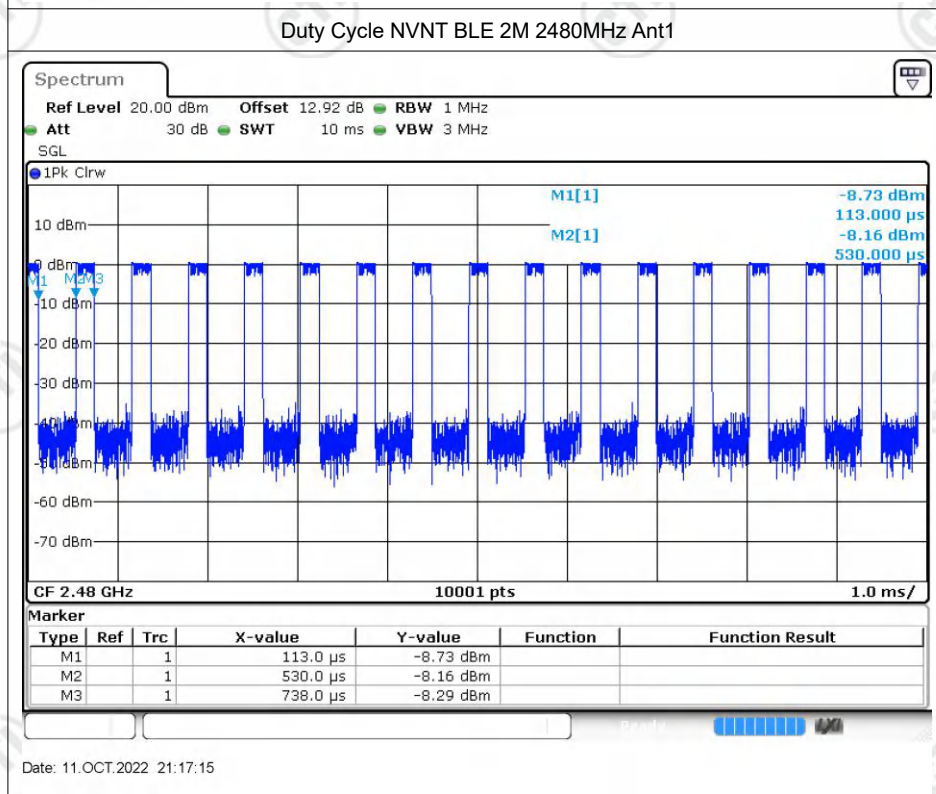
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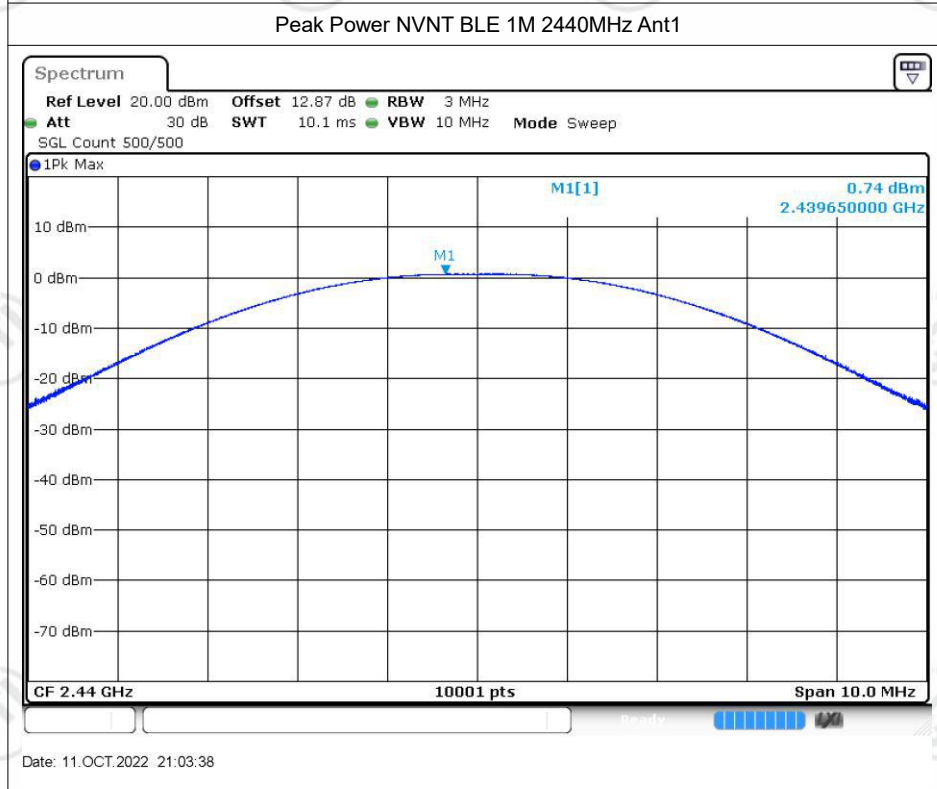
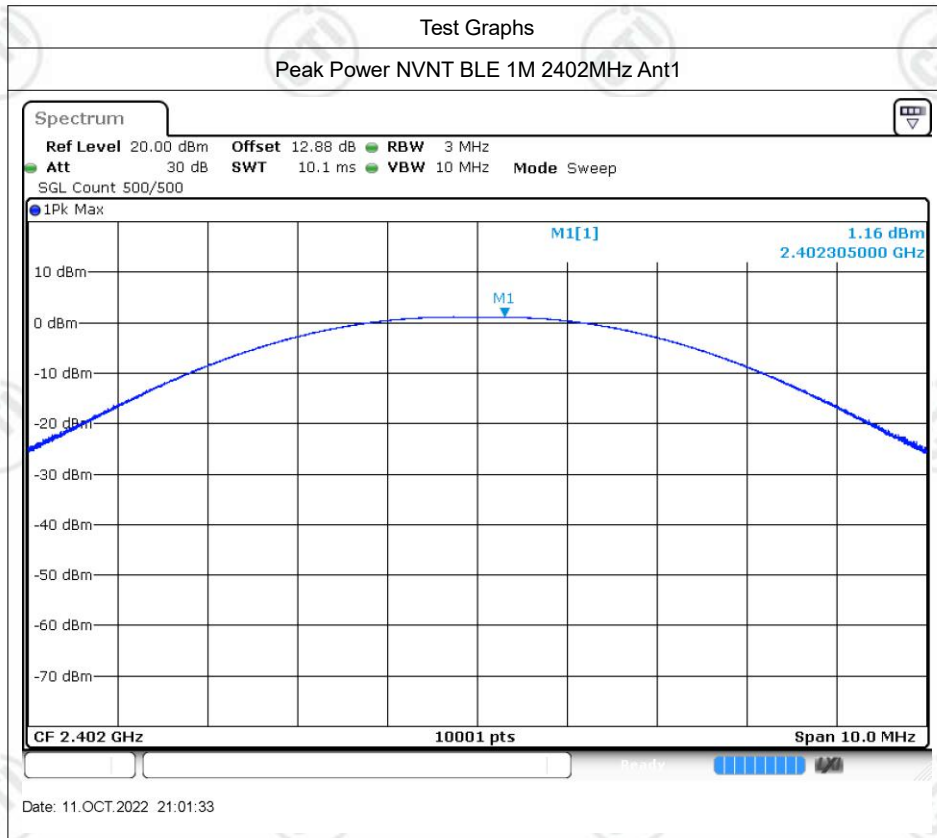
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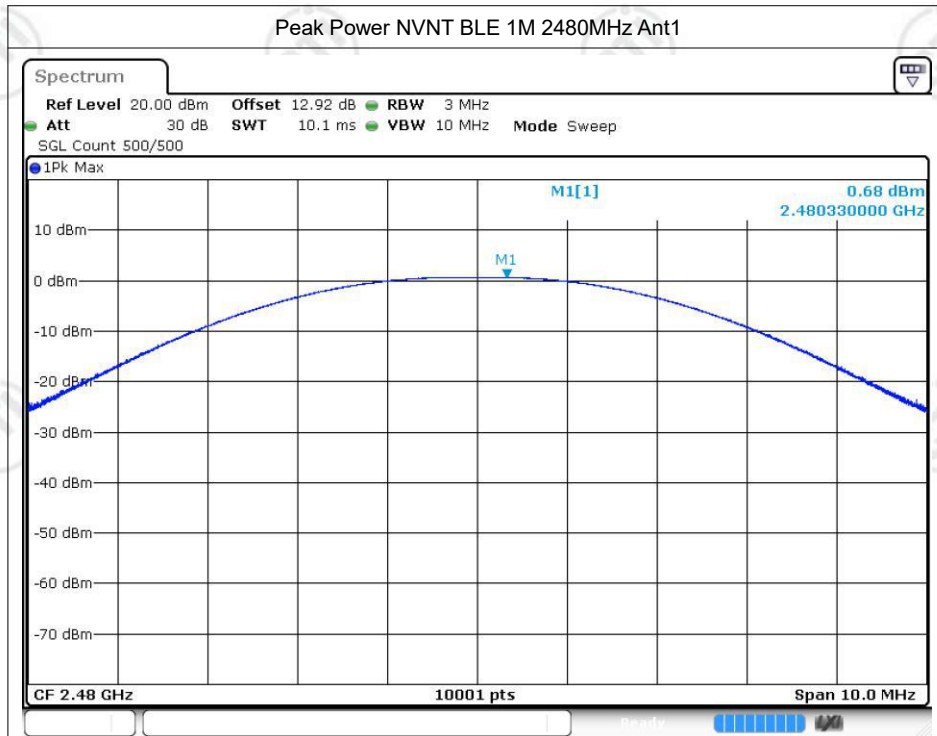
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**Maximum Peak Conducted Output Power**

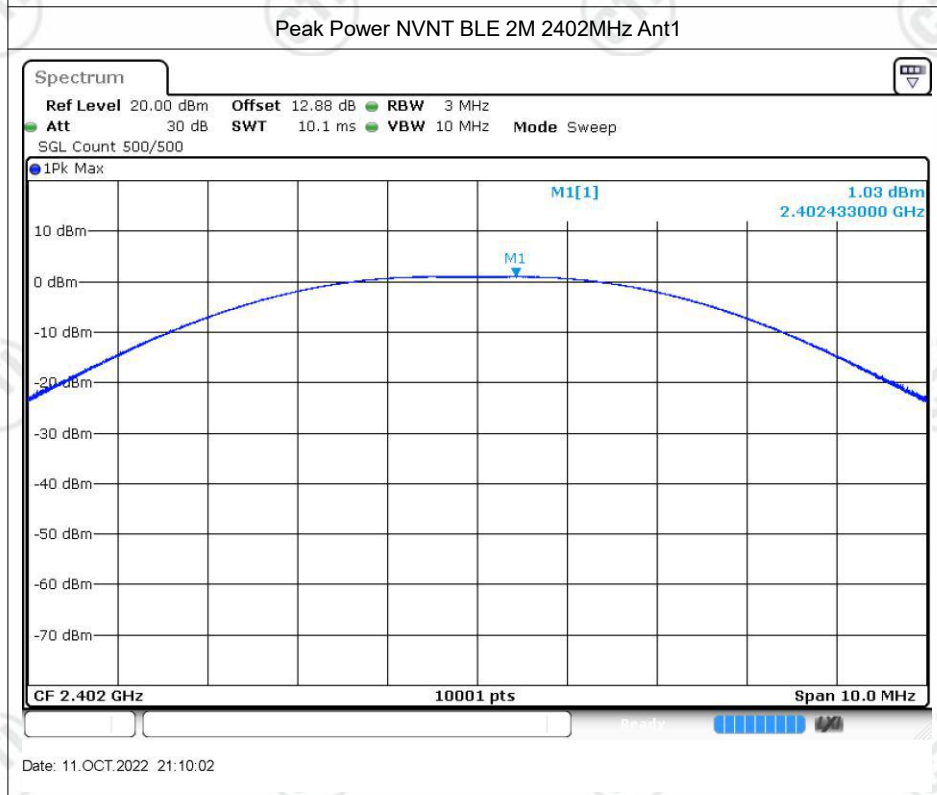
| Condition | Mode   | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.16                  | 0                | <b>1.16</b>       | 30          | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.74                  | 0                | 0.74              | 30          | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.68                  | 0                | 0.68              | 30          | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.03                  | 0                | 1.03              | 30          | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | 0.62                  | 0                | 0.62              | 30          | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 0.63                  | 0                | 0.63              | 30          | Pass    |



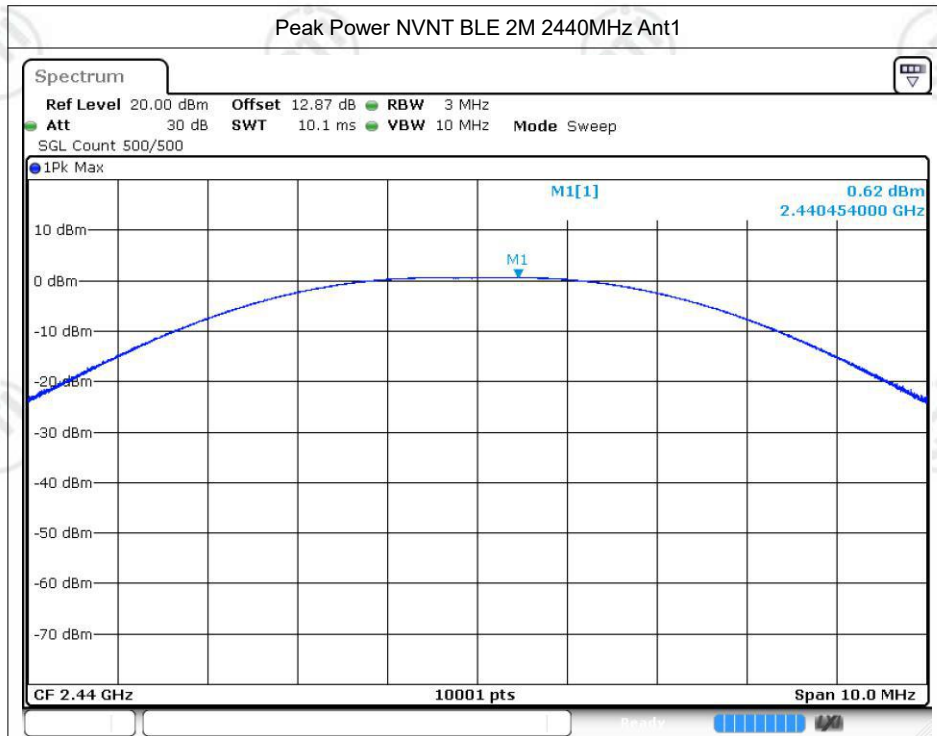




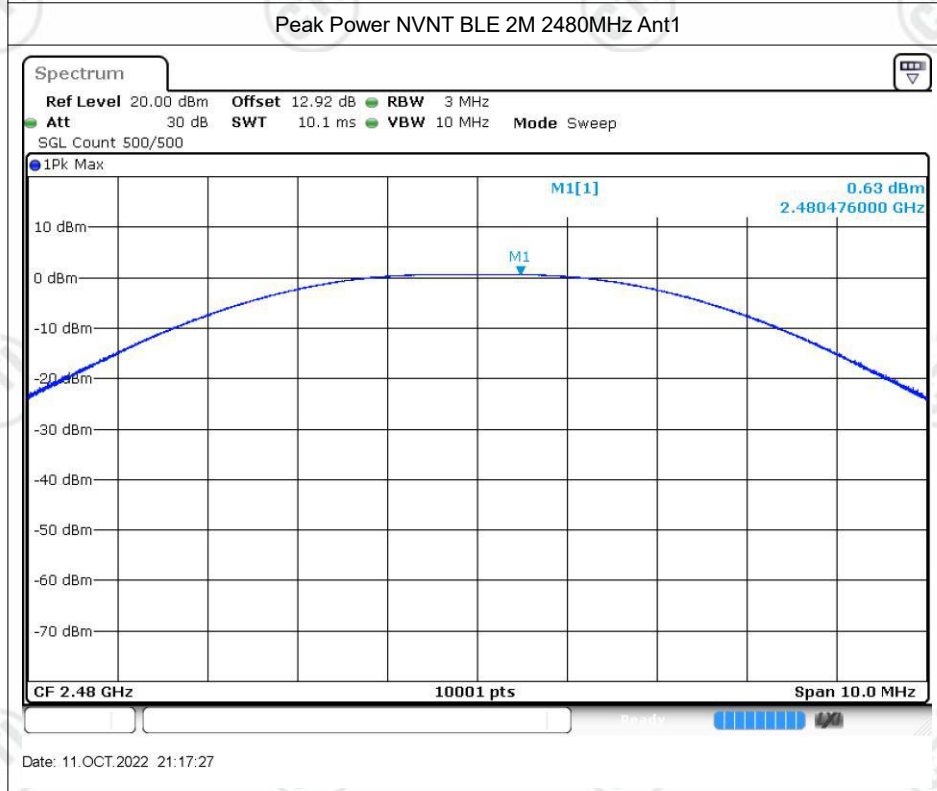
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Date: 11.OCT.2022 21:10:02



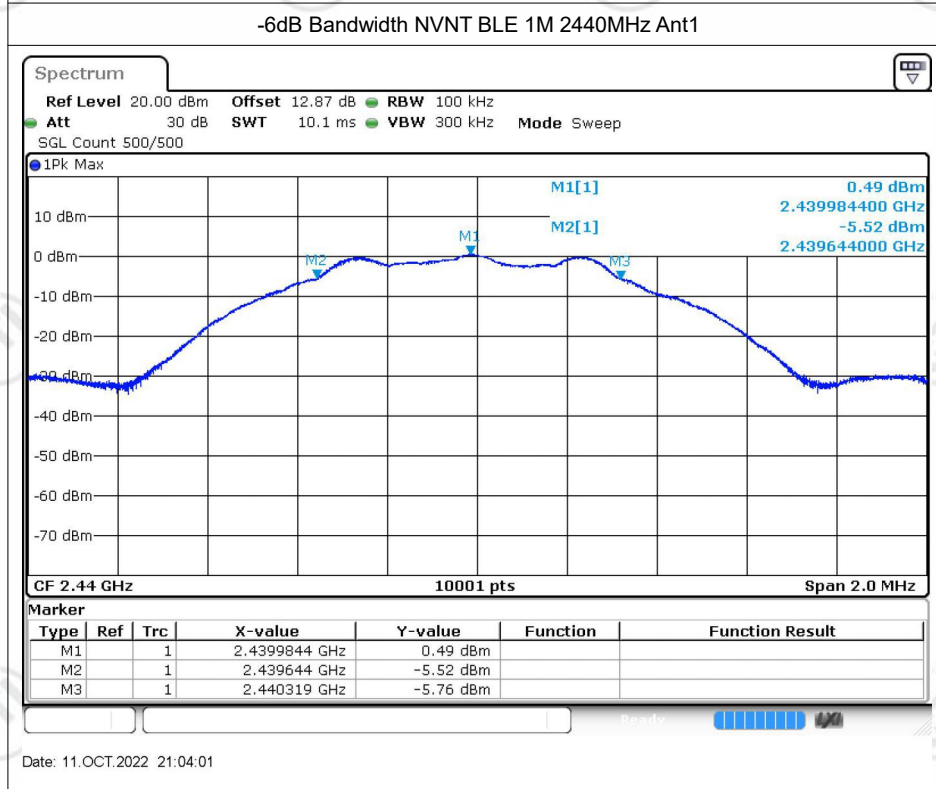
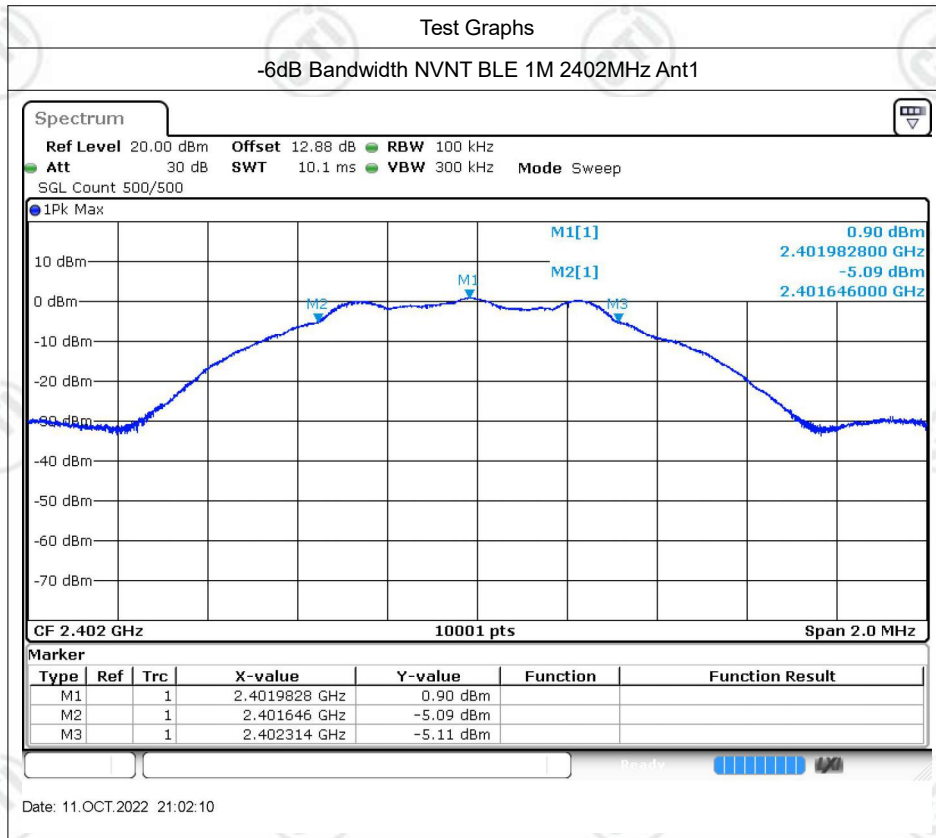
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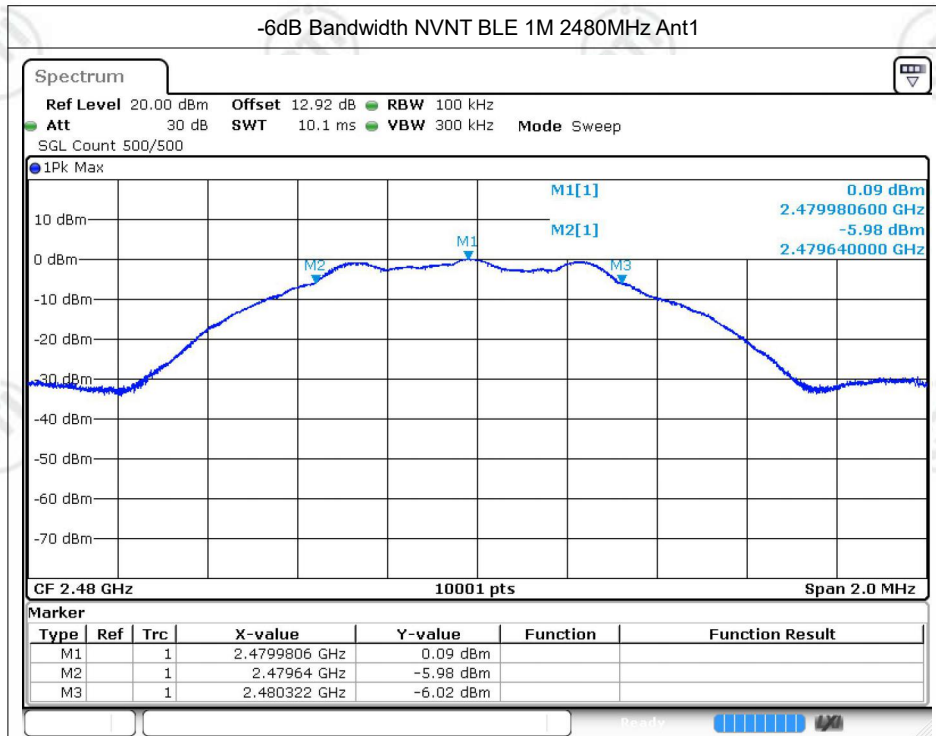


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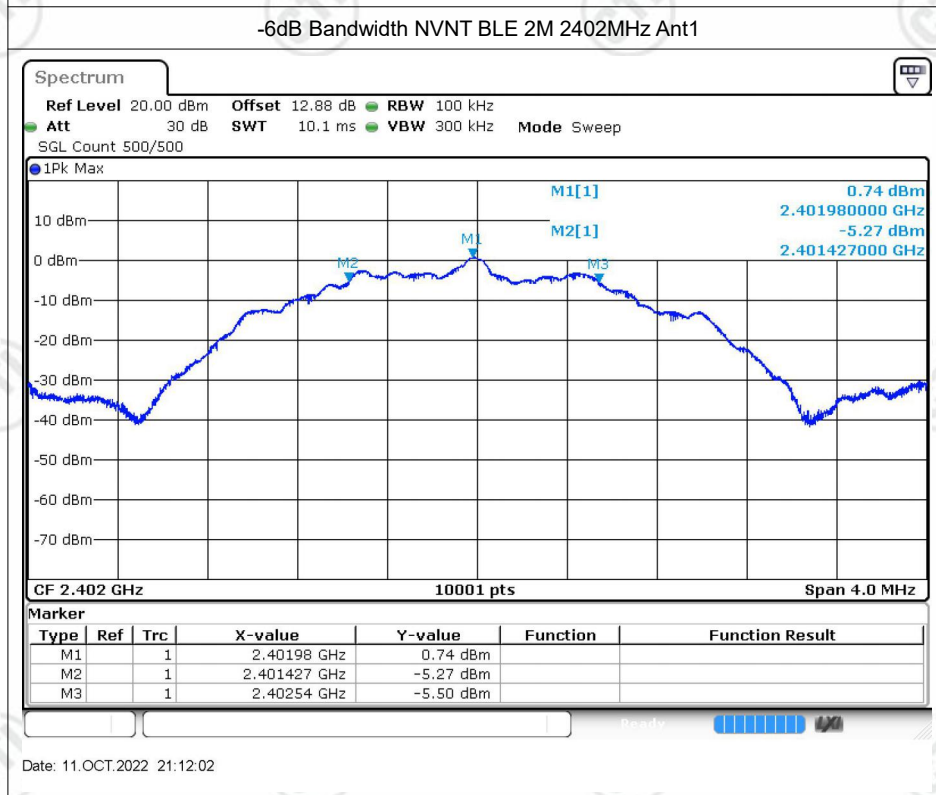
**-6dB Bandwidth**

| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.668                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.676                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.682                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.113                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | 1.116                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 1.129                 | 0.5                         | Pass    |

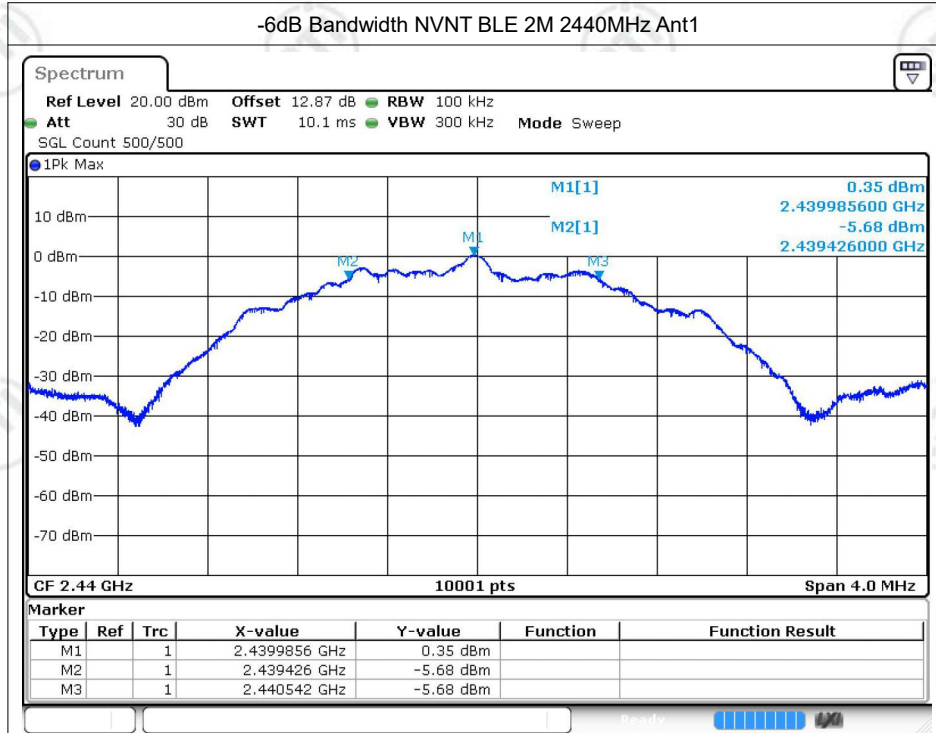




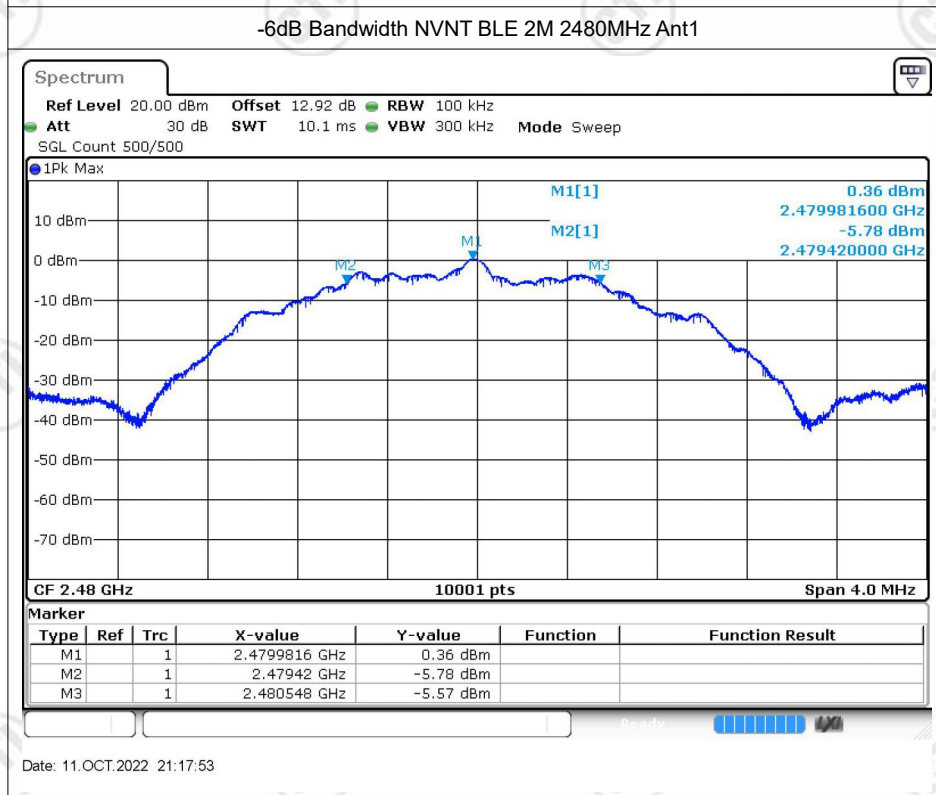
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Date: 11.OCT.2022 21:12:02



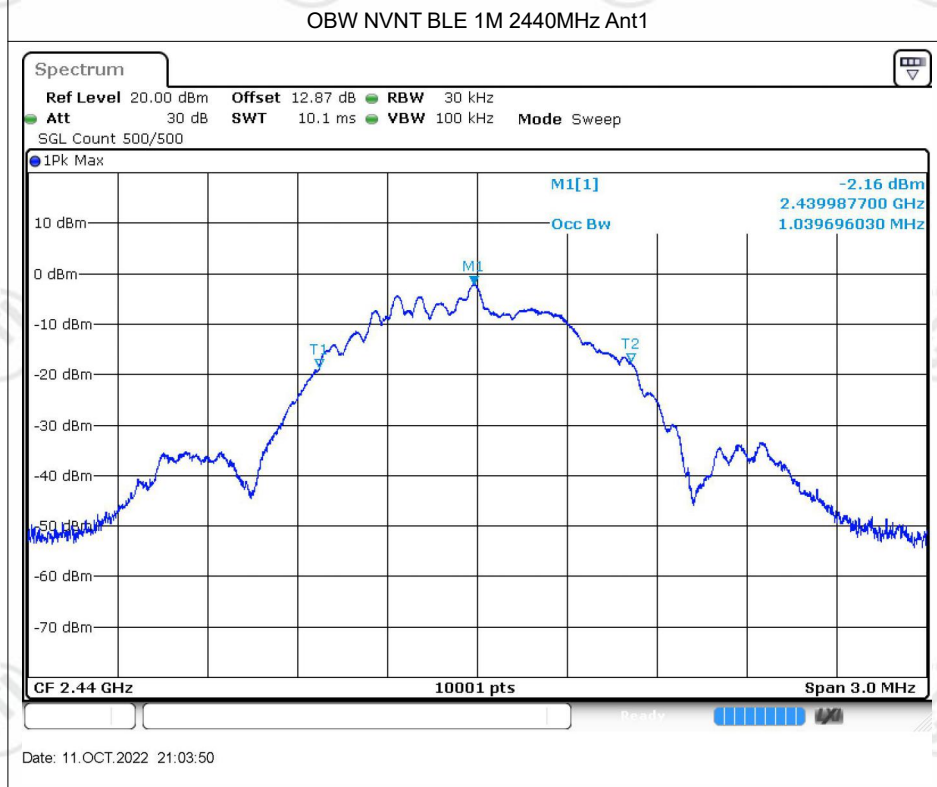
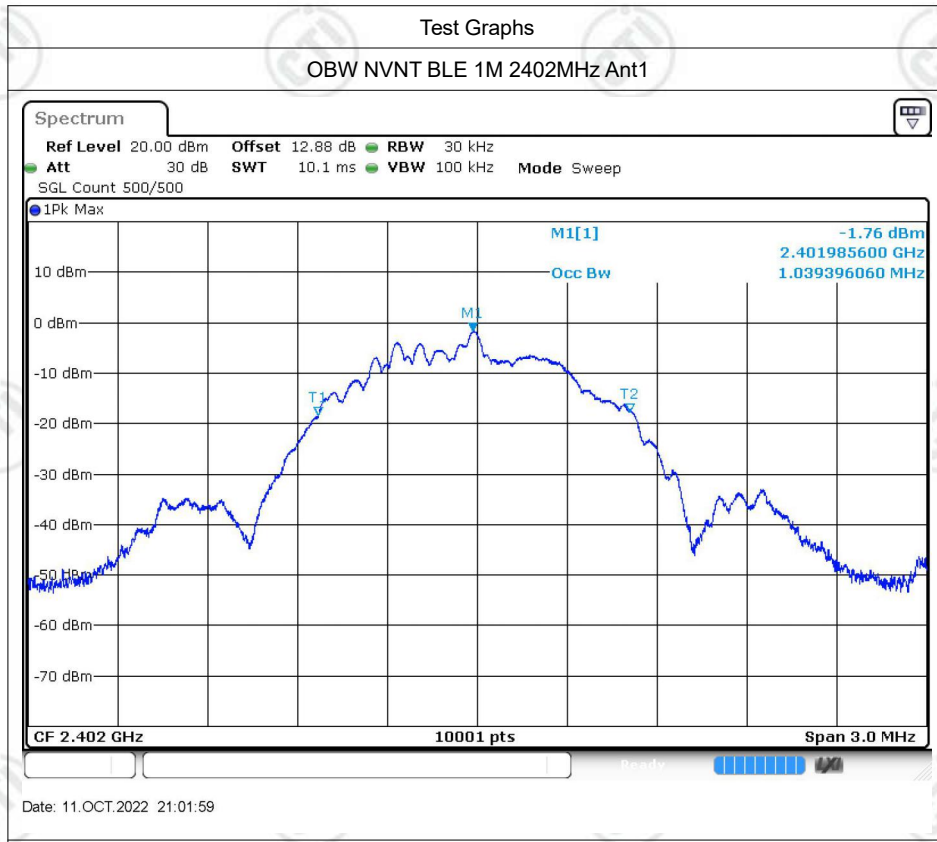
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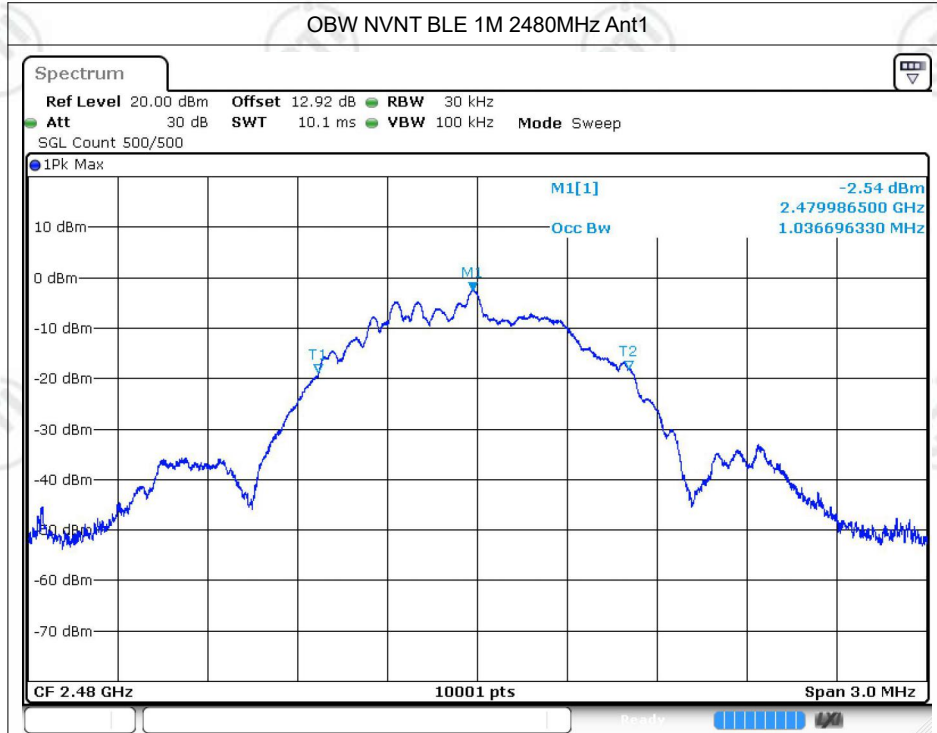
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**Occupied Channel Bandwidth**

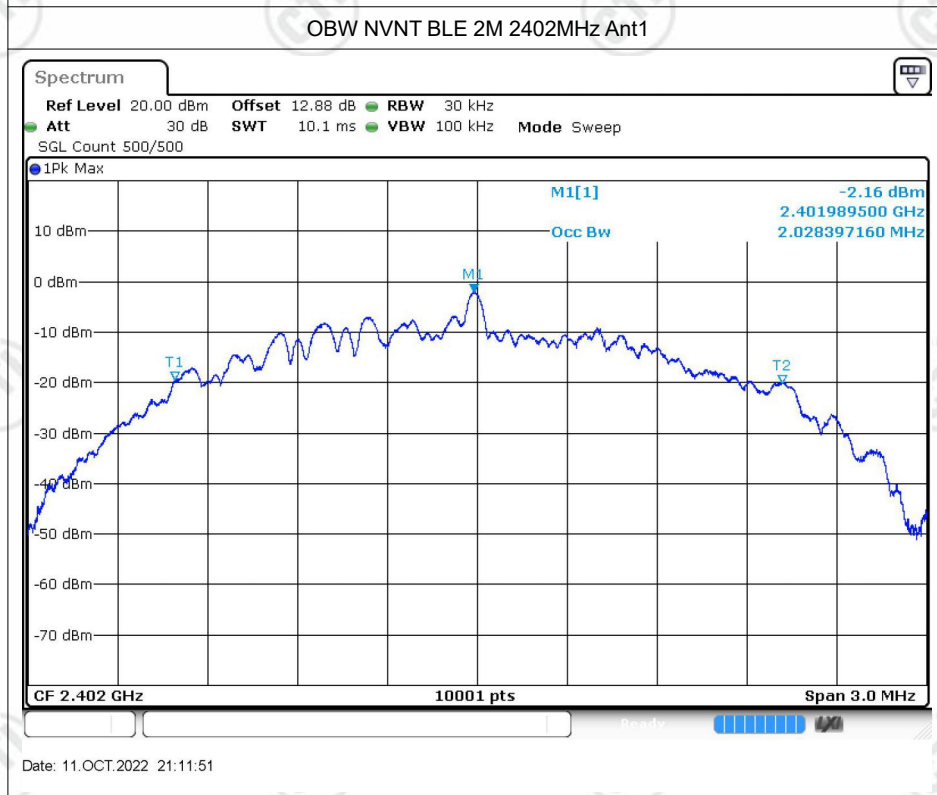
| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.039         |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.04          |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.037         |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.028         |
| NVNT      | BLE 2M | 2440            | Ant1    | 2.028         |
| NVNT      | BLE 2M | 2480            | Ant1    | 2.028         |



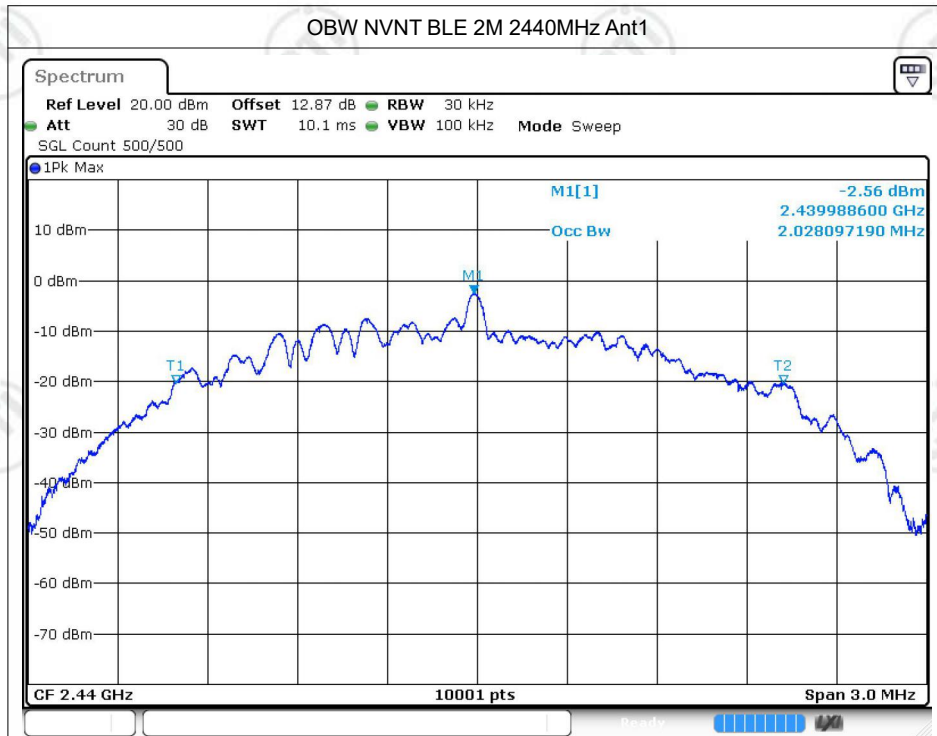




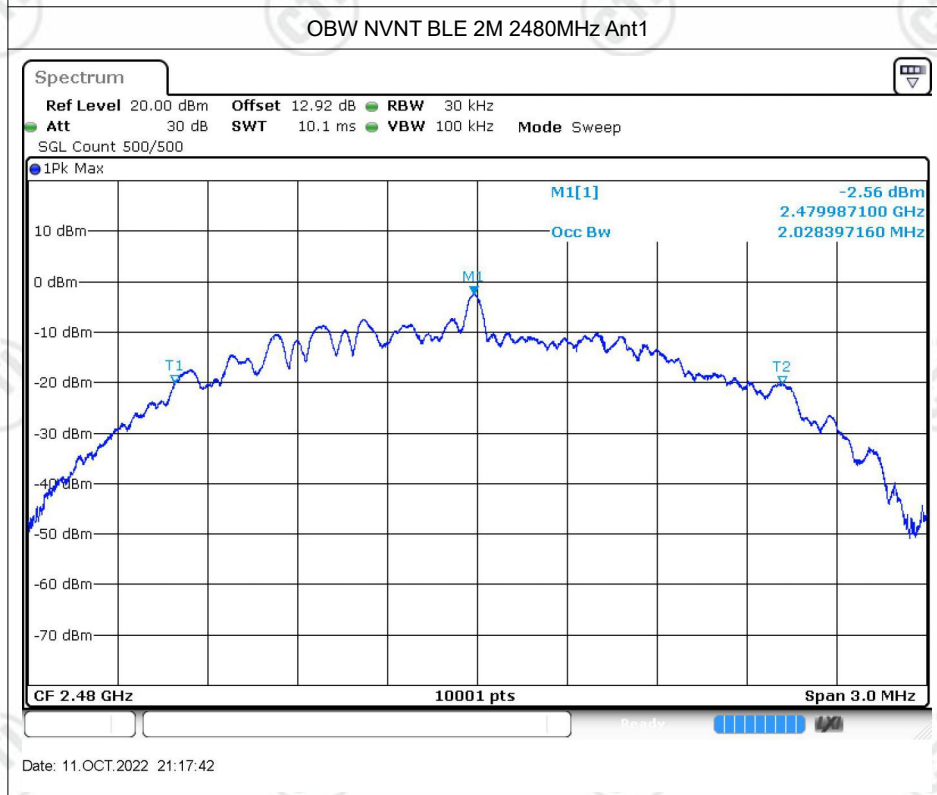
Date: 11.OCT.2022 21:08:05



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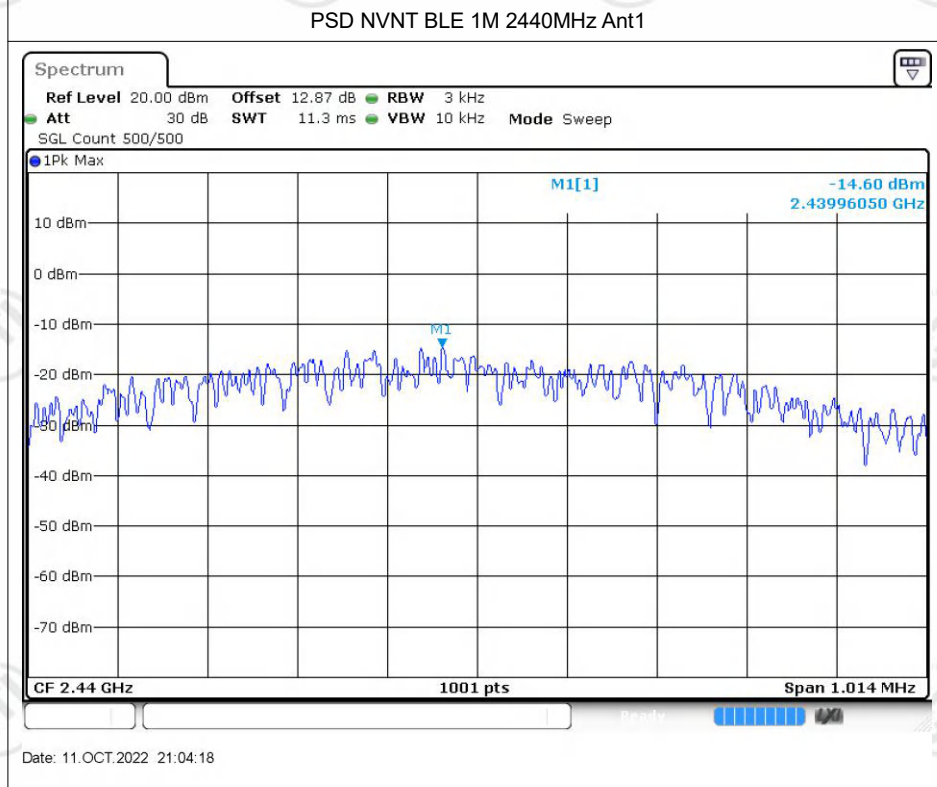
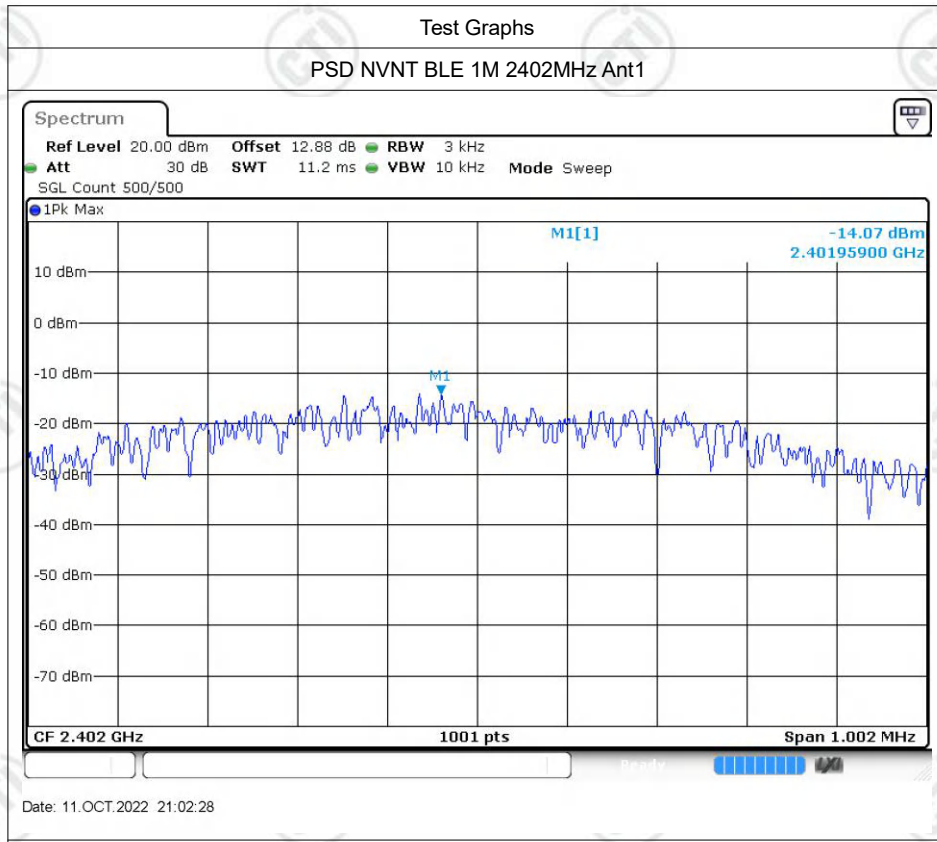
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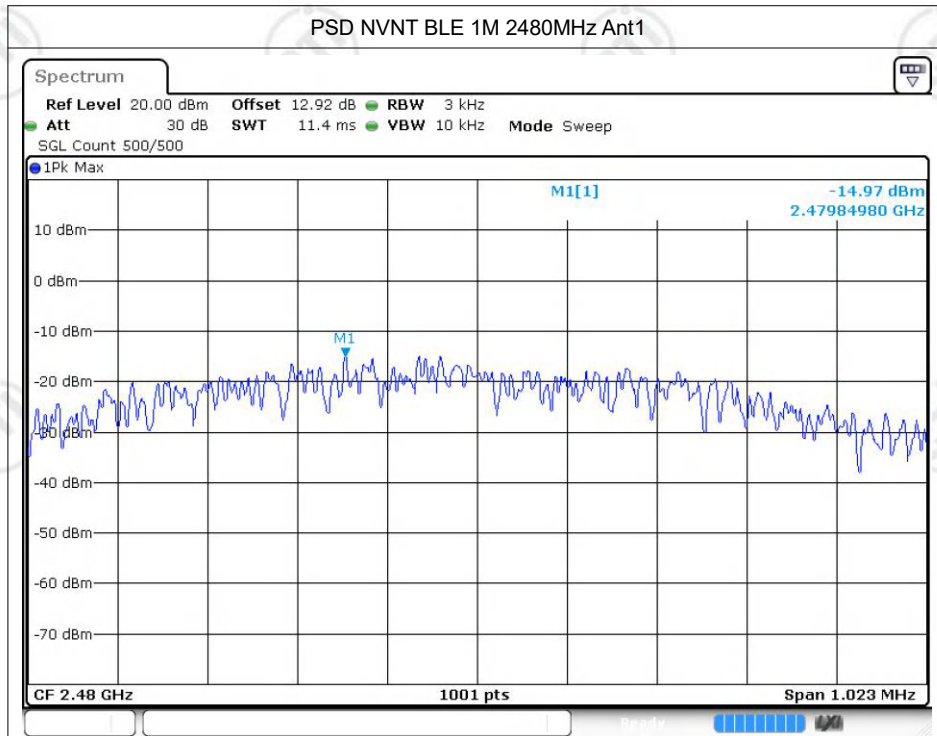


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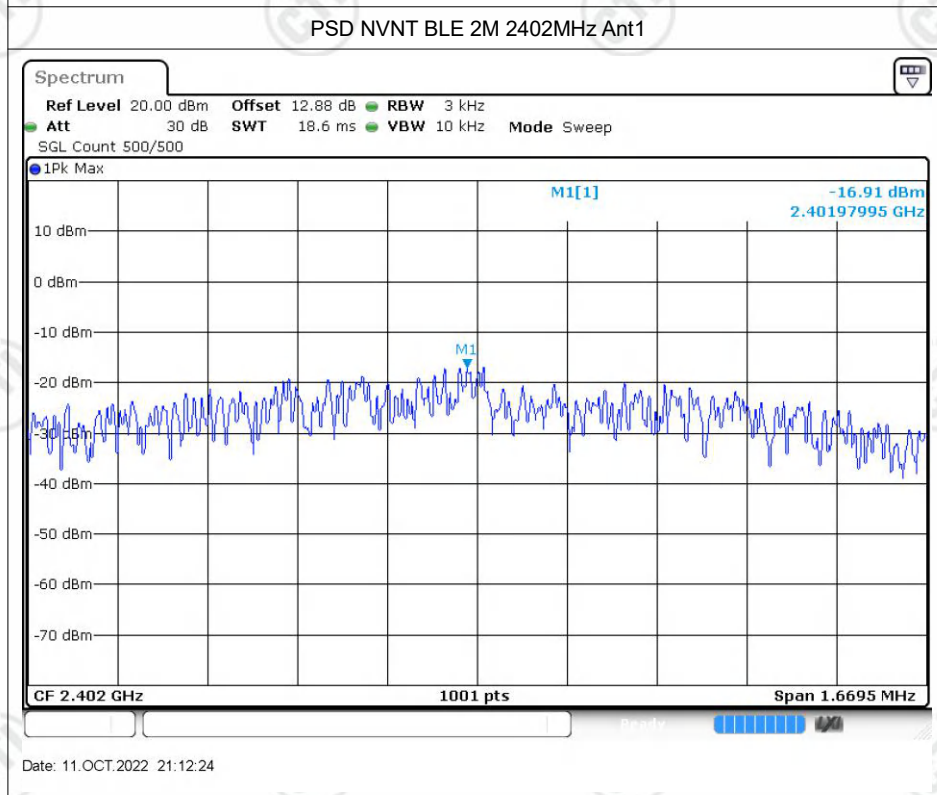
**Maximum Power Spectral Density Level**

| Condition | Mode   | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|--------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -14.07                   | 0                | -14.07               | 8                | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -14.6                    | 0                | -14.6                | 8                | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -14.97                   | 0                | -14.97               | 8                | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -16.91                   | 0                | -16.91               | 8                | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -17.24                   | 0                | -17.24               | 8                | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -16.94                   | 0                | -16.94               | 8                | Pass    |

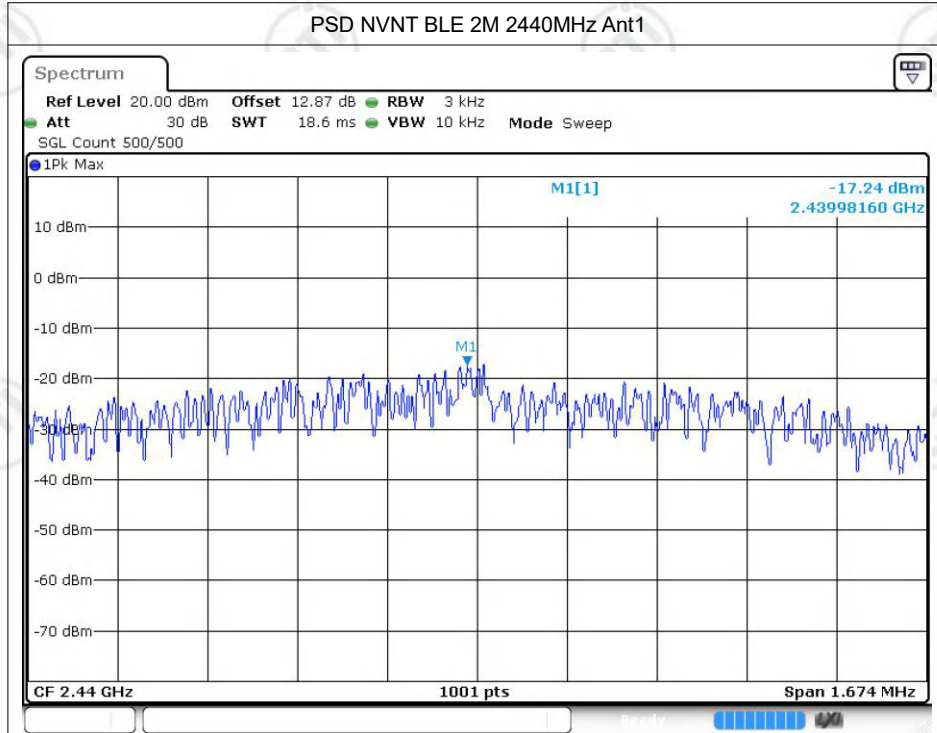




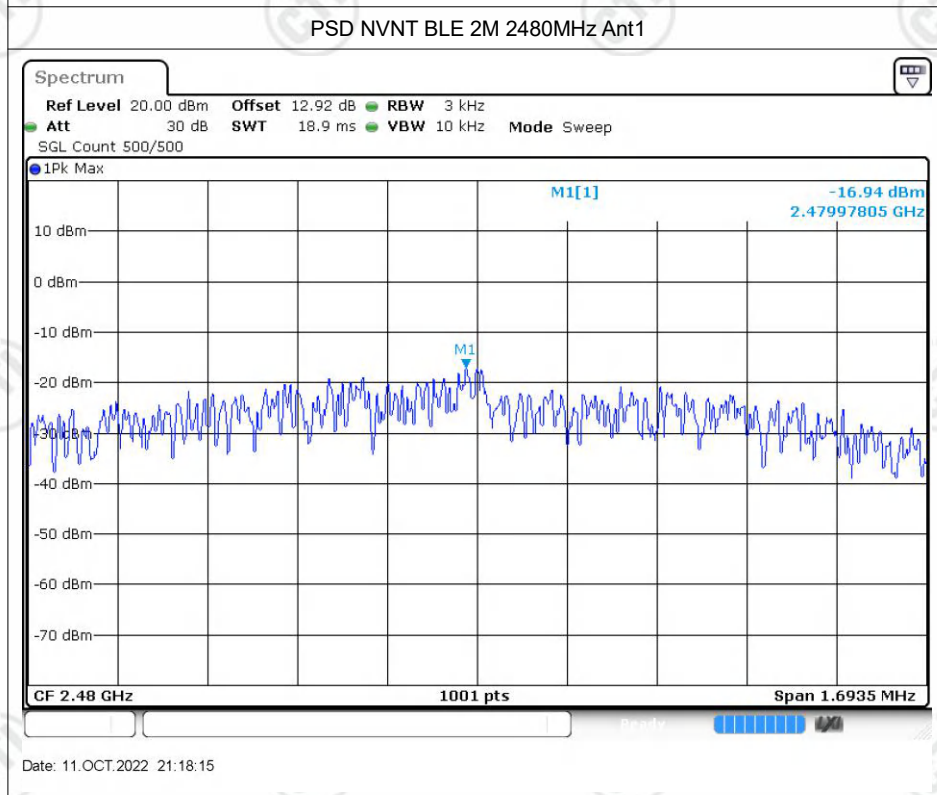
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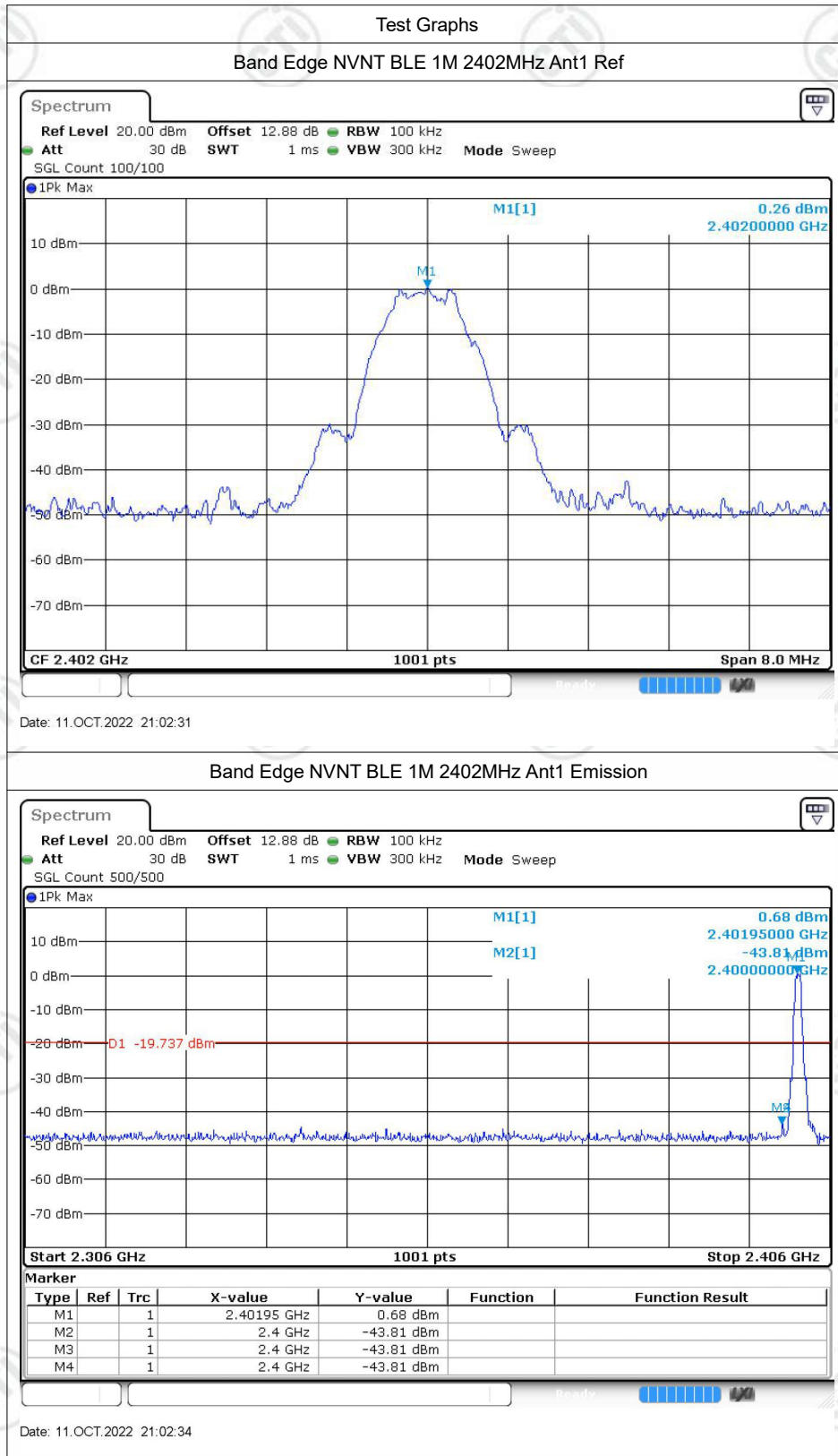
Date: 11.OCT.2022 21:16:01



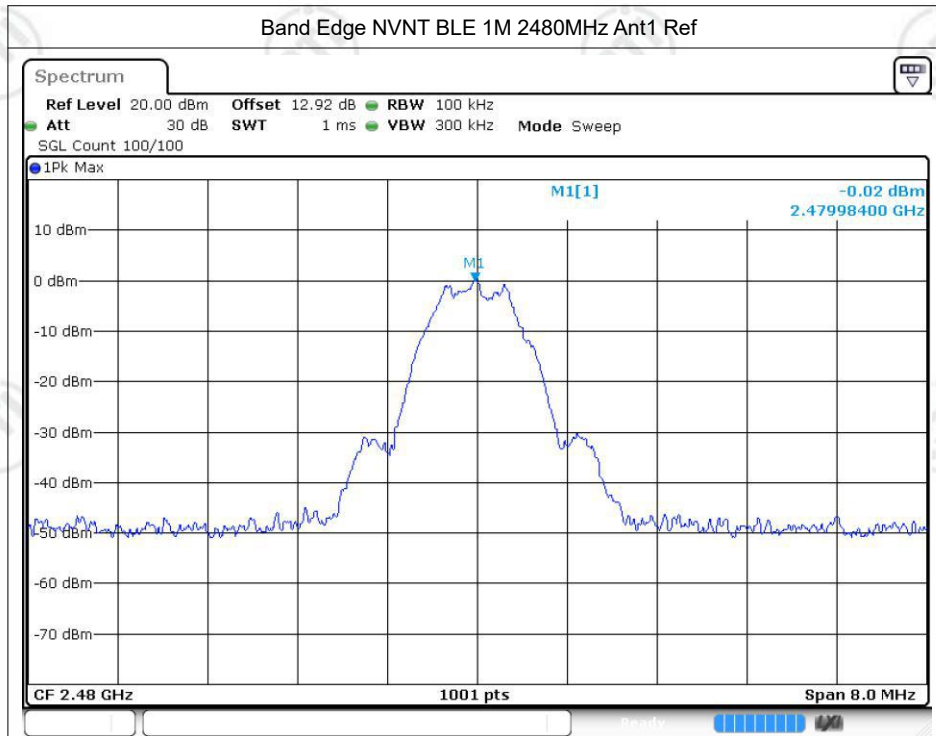
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## Band Edge

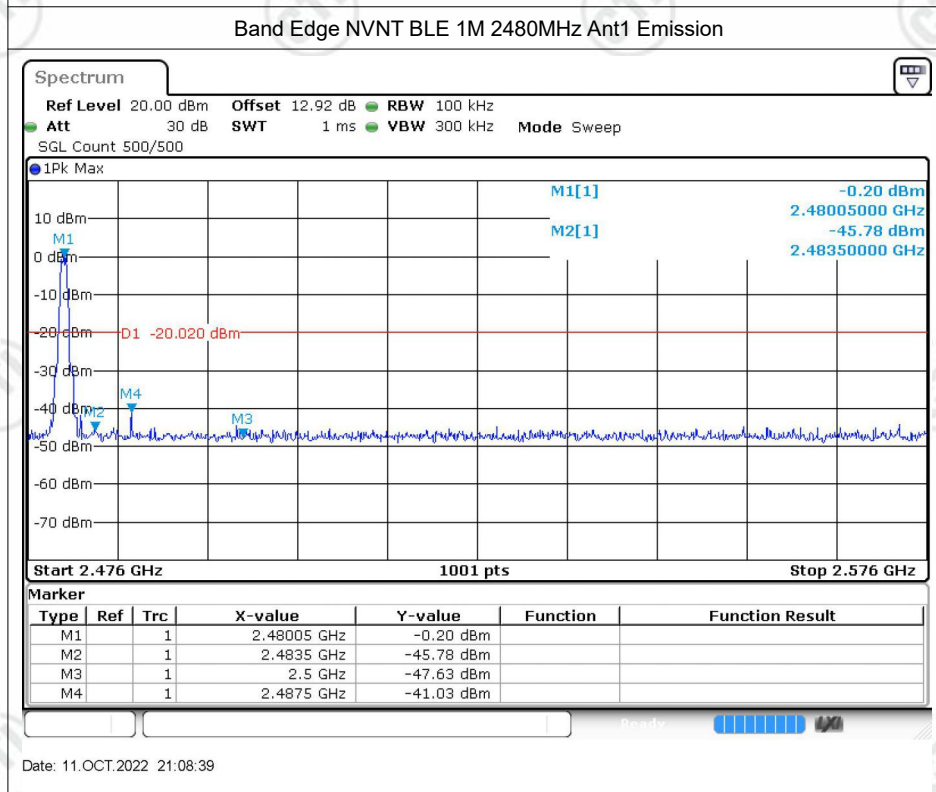
| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -44.07          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -41.01          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -33.08          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -40.3           | -20         | Pass    |



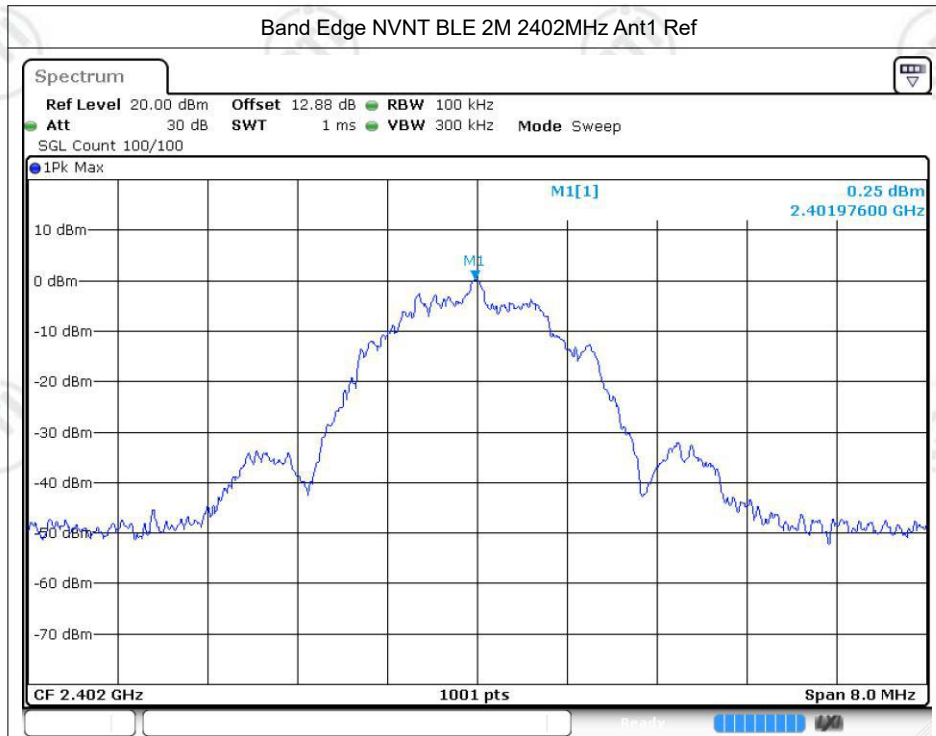




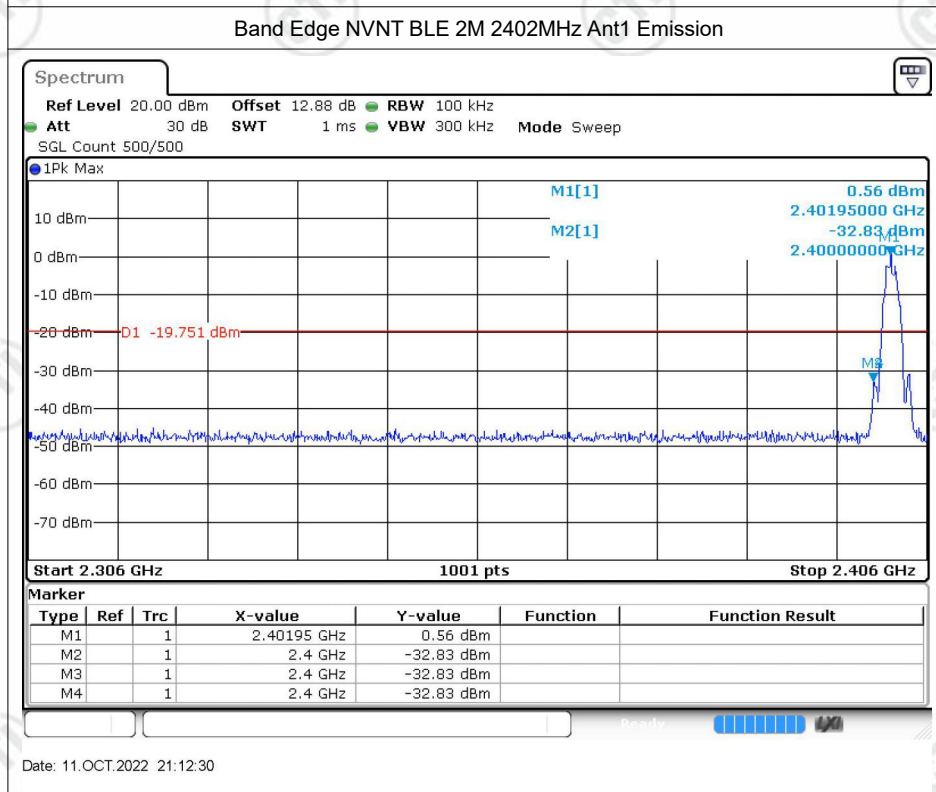
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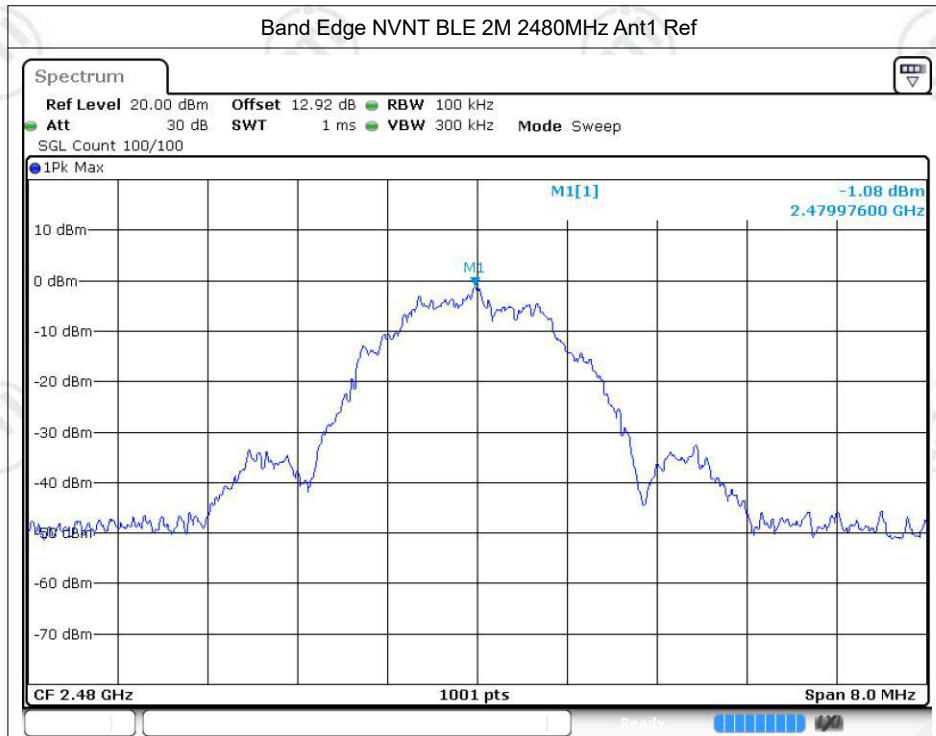
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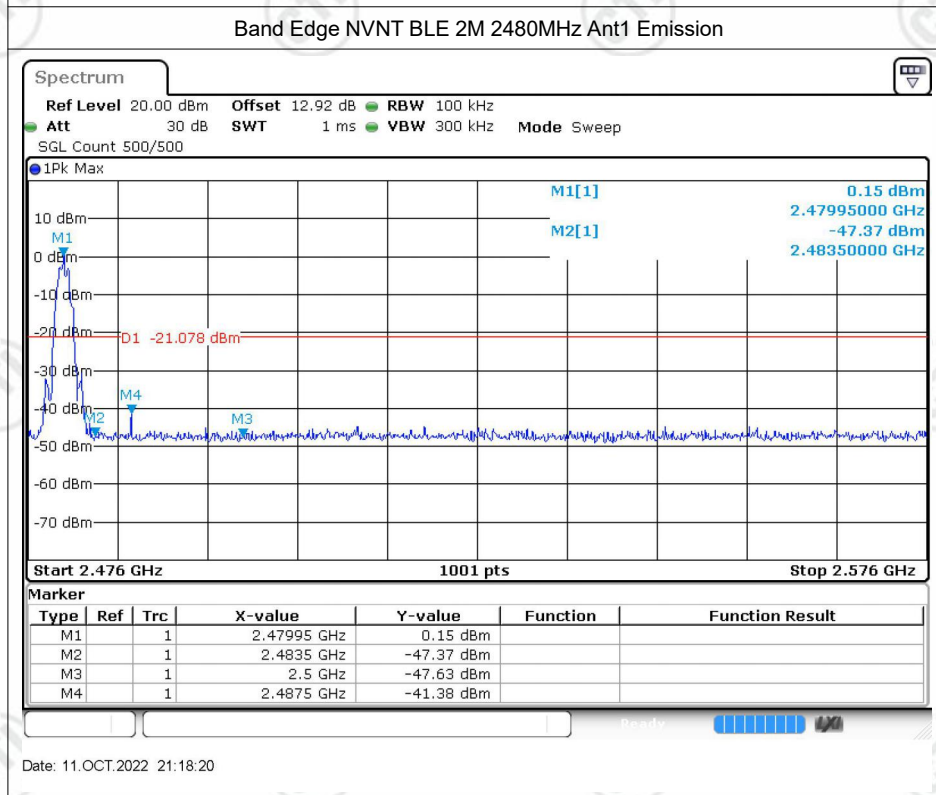
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Date: 11.OCT.2022 21:12:30



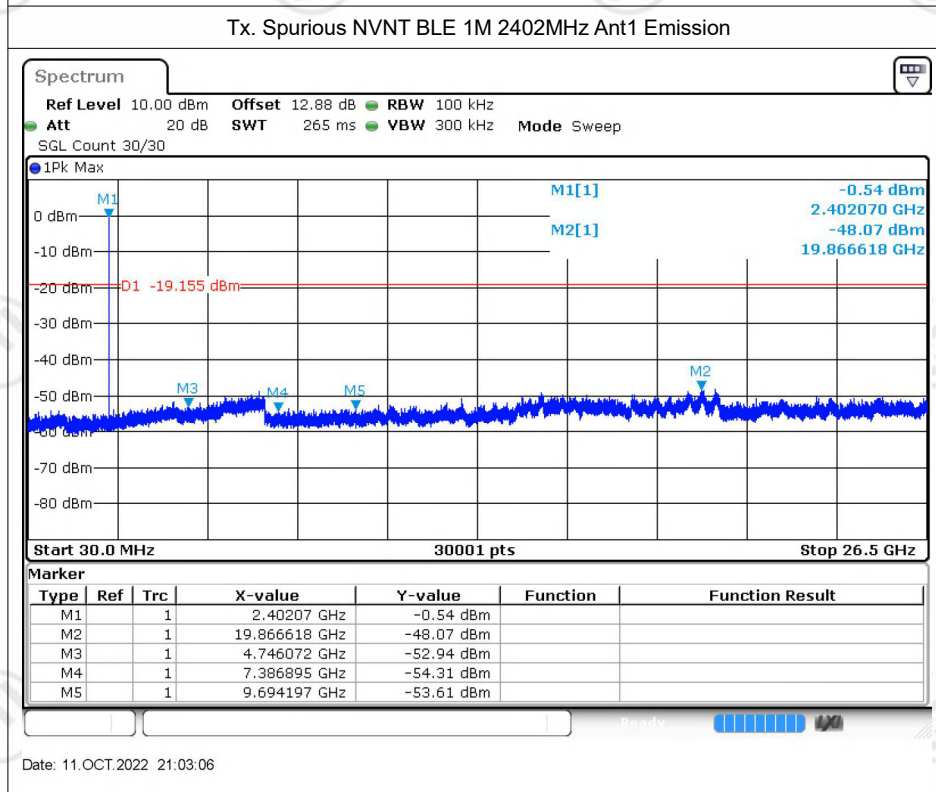
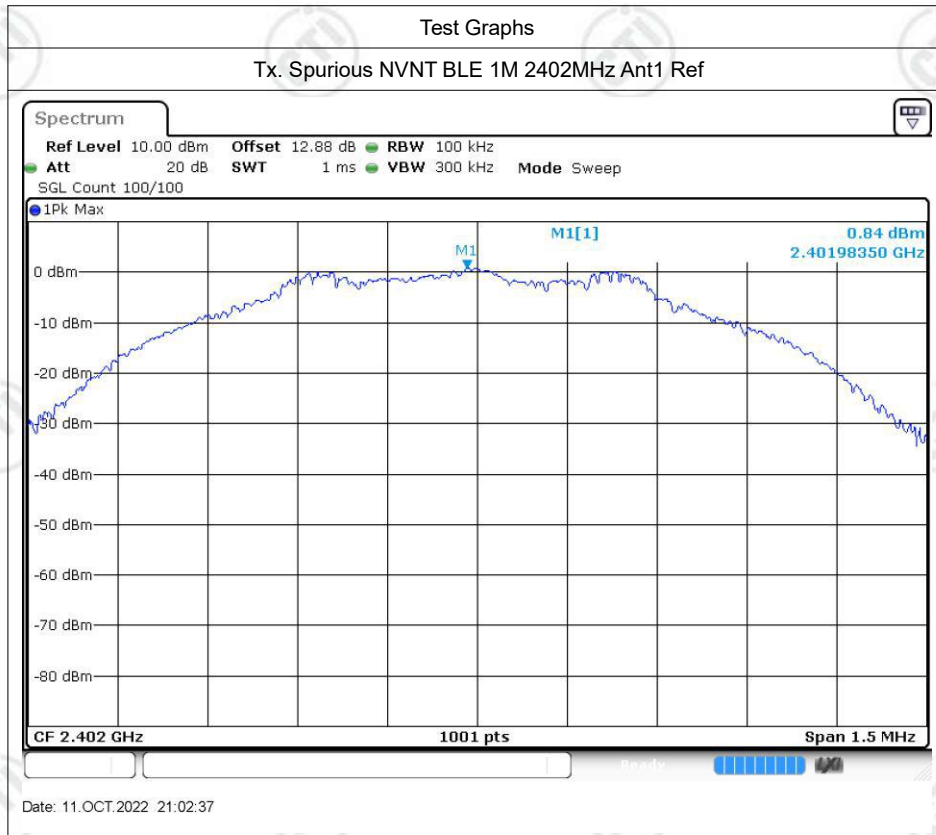
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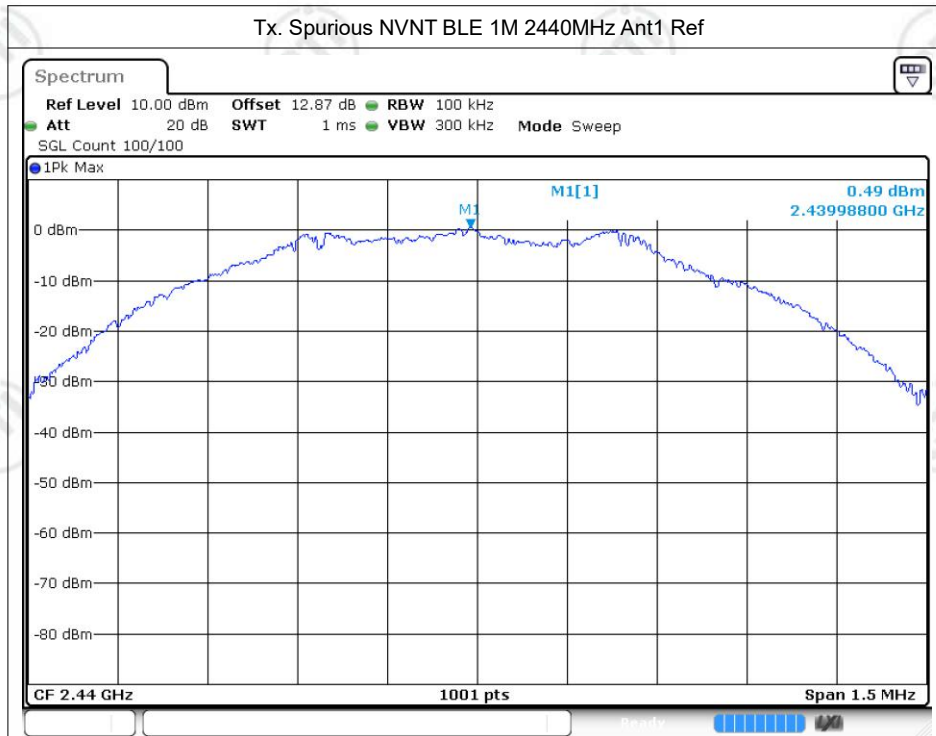


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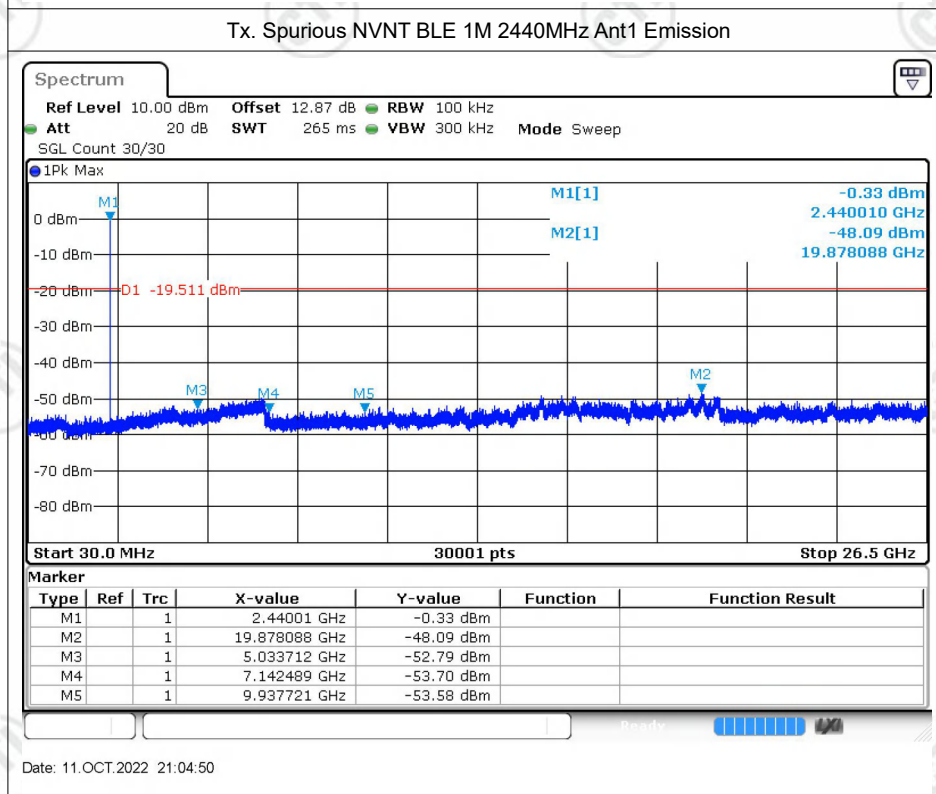
**Conducted RF Spurious Emission**

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -48.91          | -20         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -48.57          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -48.43          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -48.48          | -20         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -47.69          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -48.75          | -20         | Pass    |

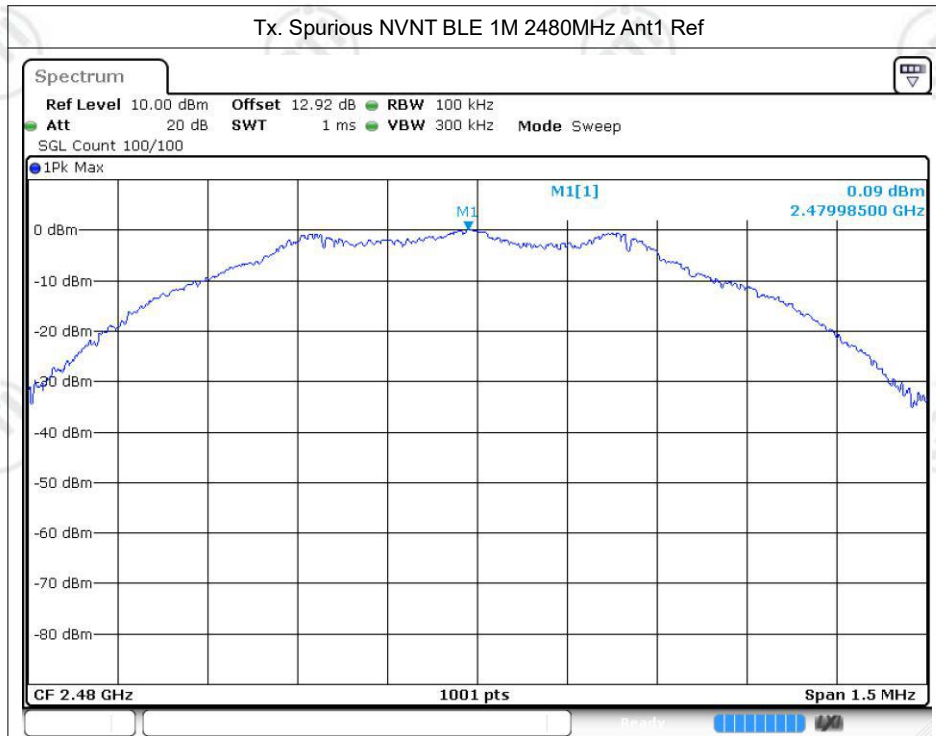




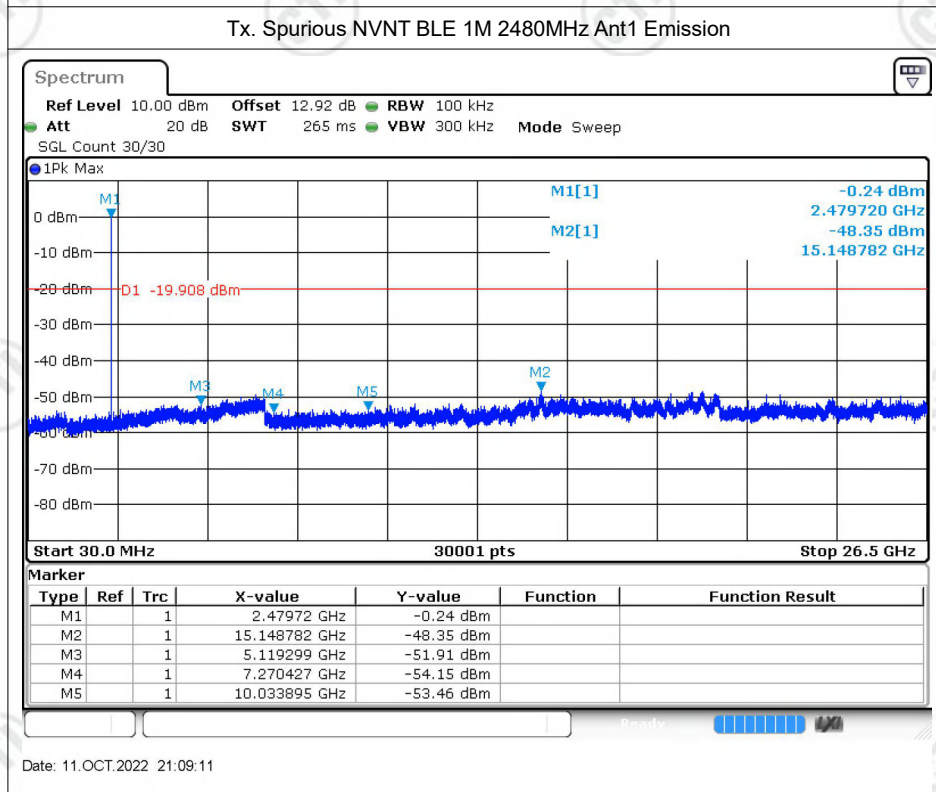
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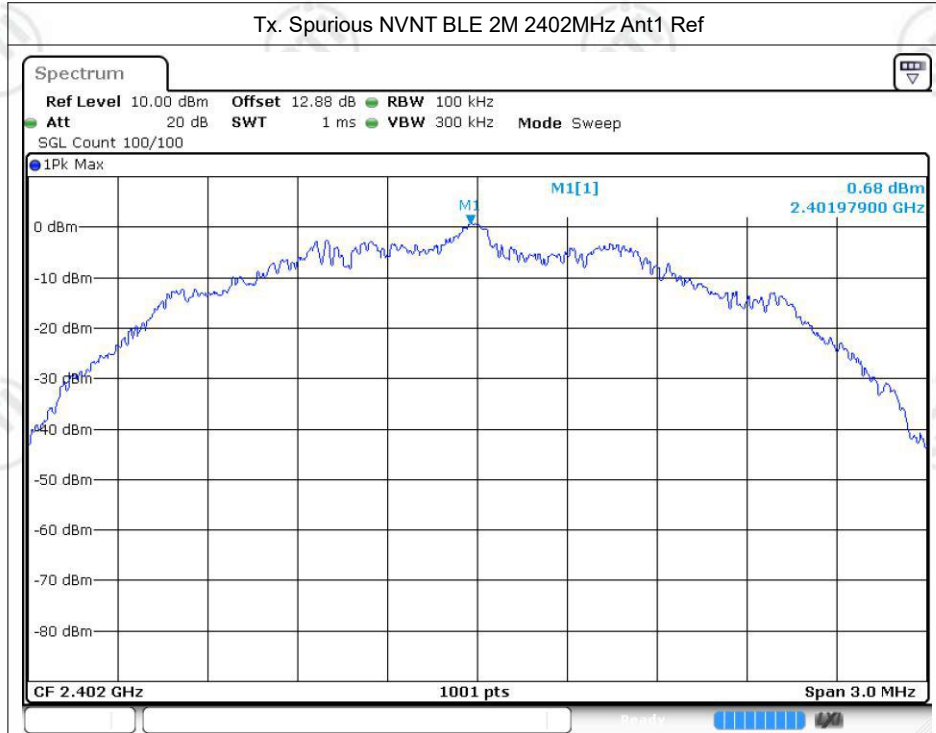
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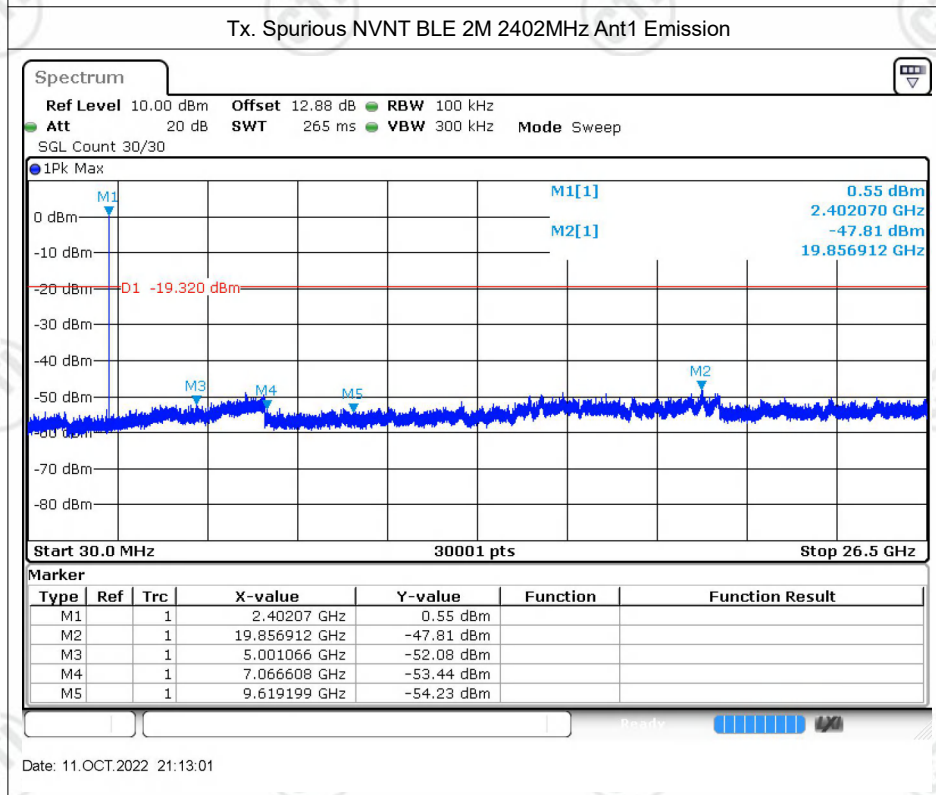
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Date: 11.OCT.2022 21:09:11

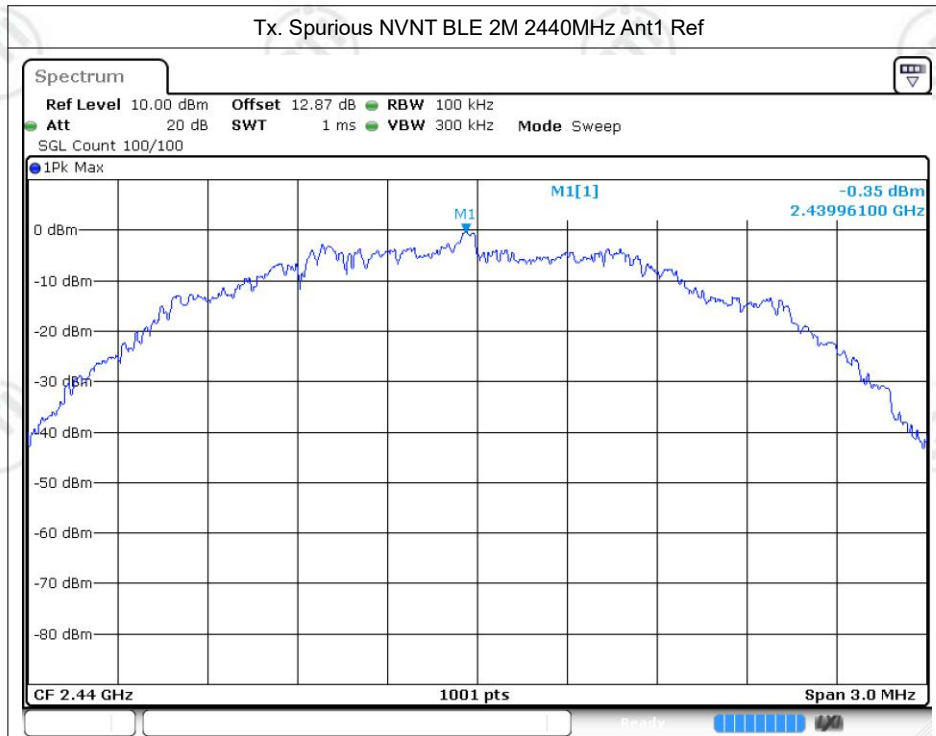


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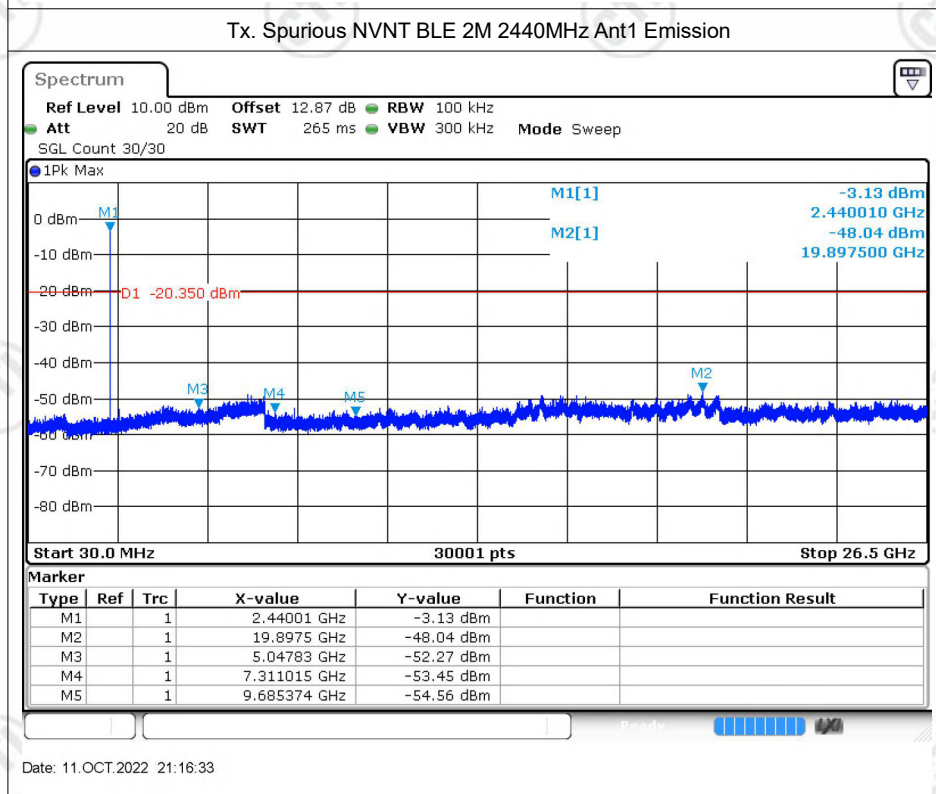


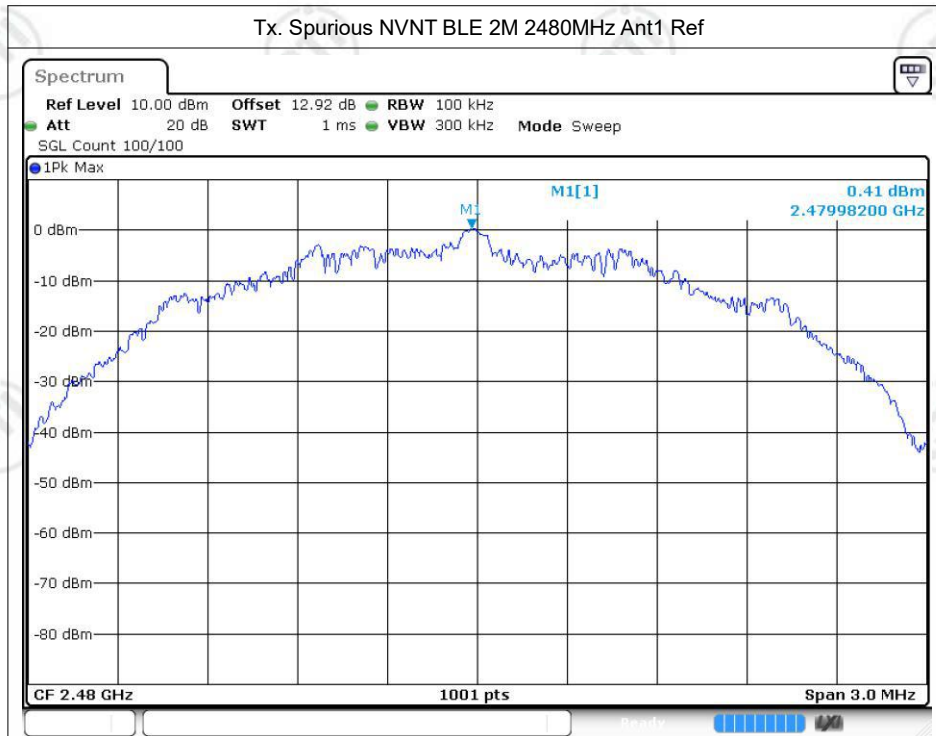
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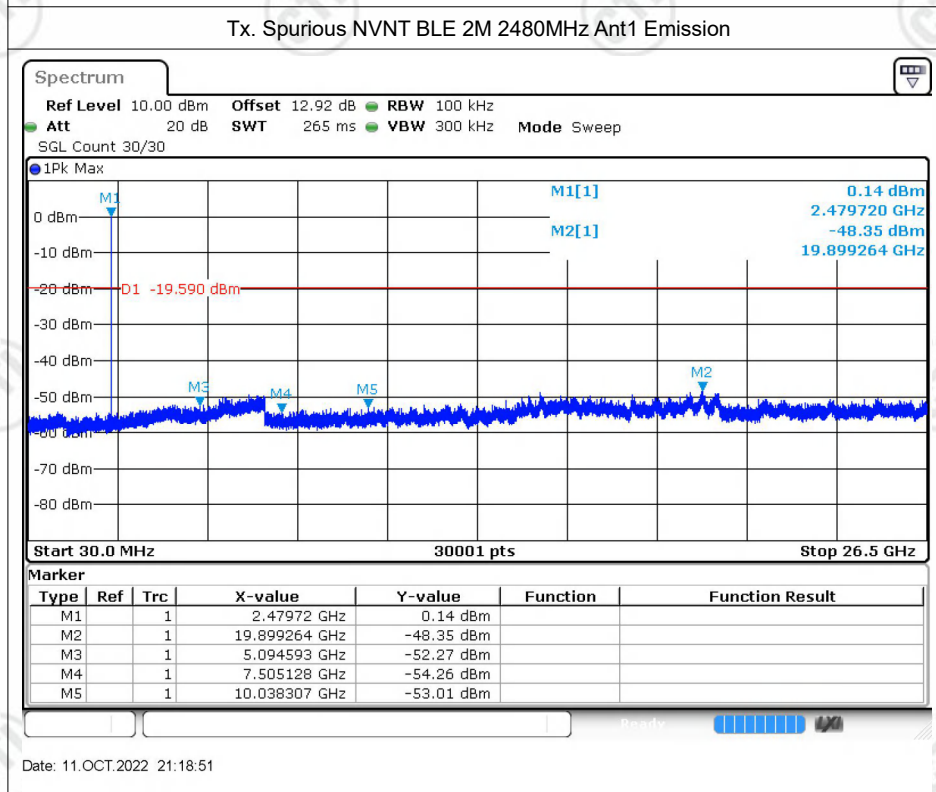


Date: 11.OCT.2022 21:16:05





Date: 11.OCT.2022 21:18:23



Date: 11.OCT.2022 21:18:51

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