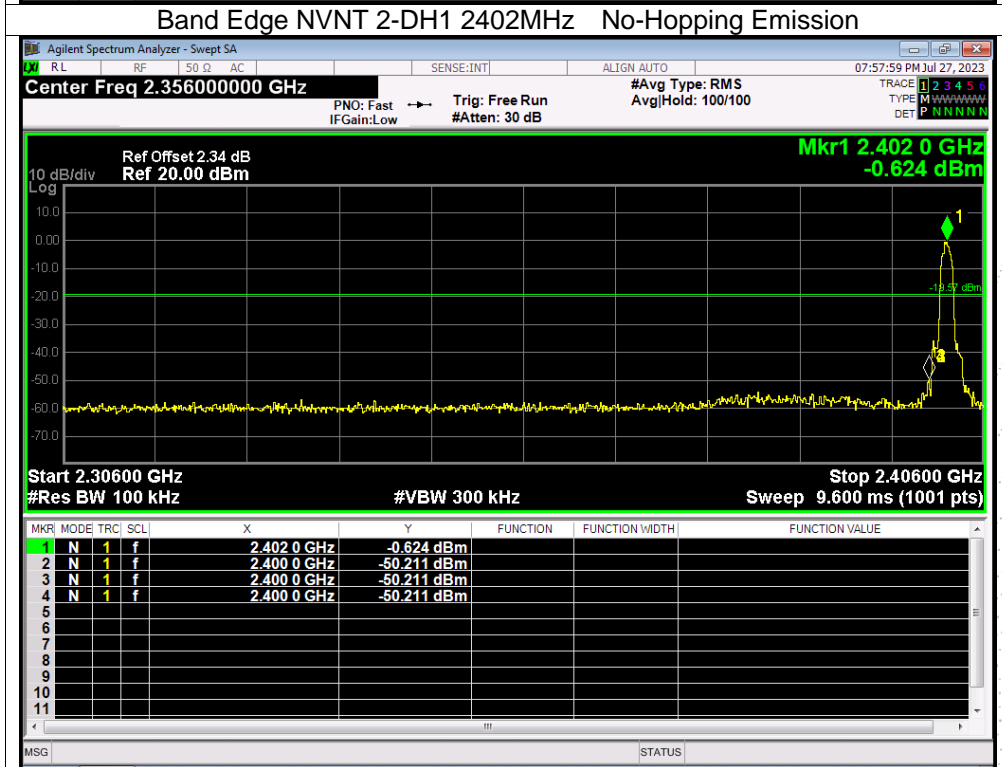
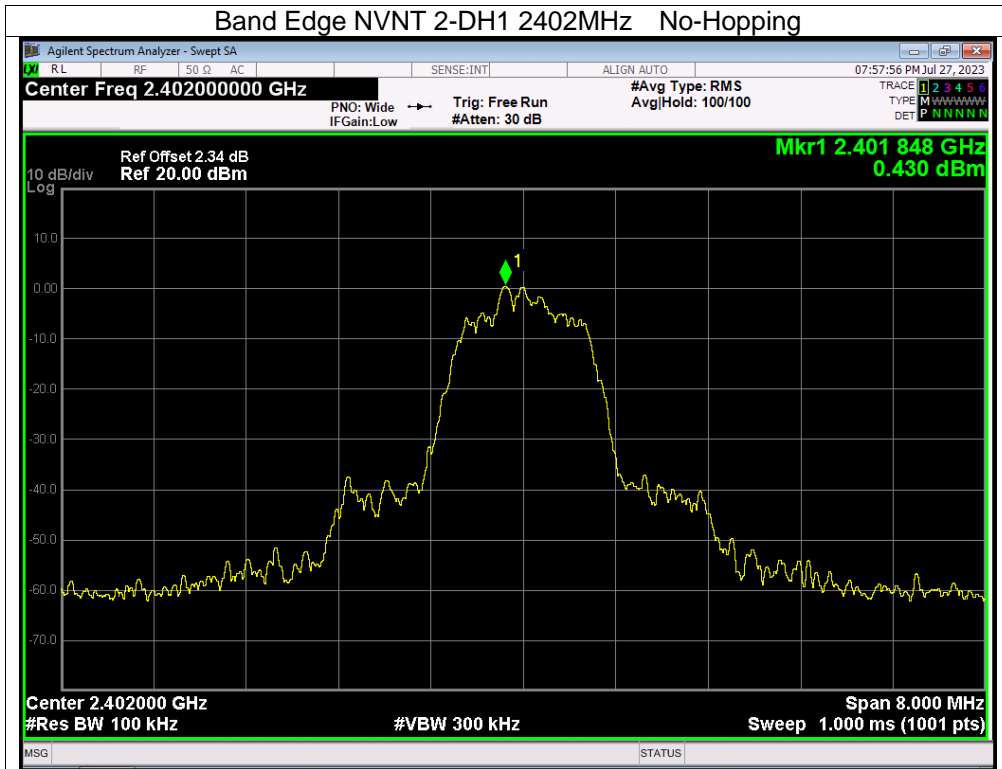
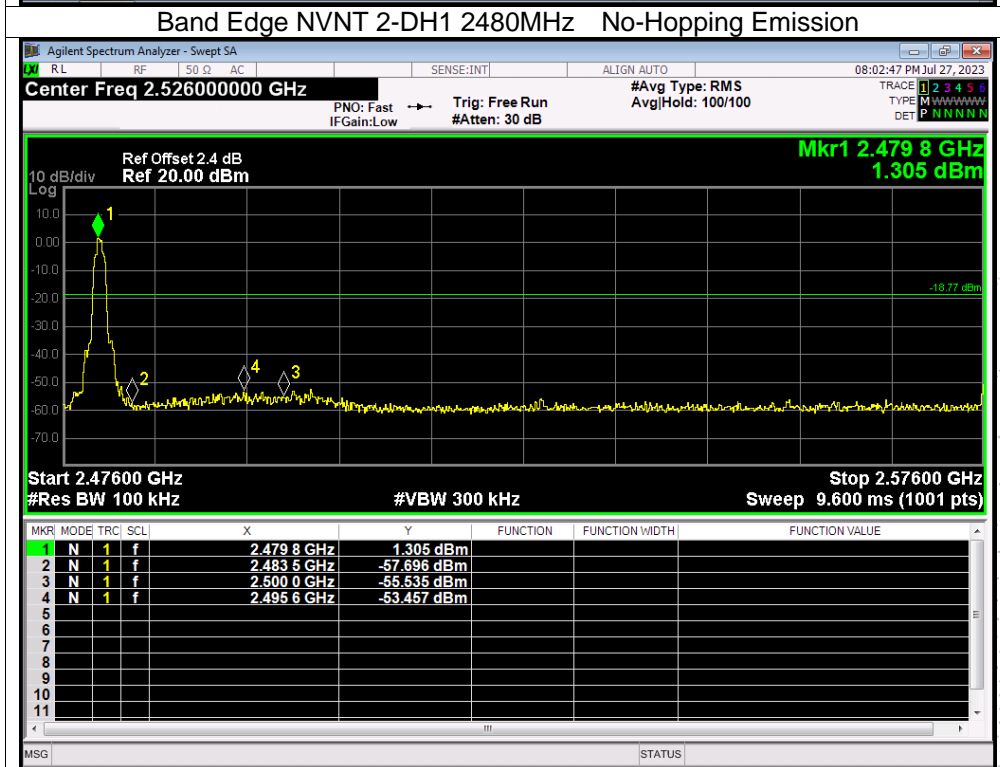
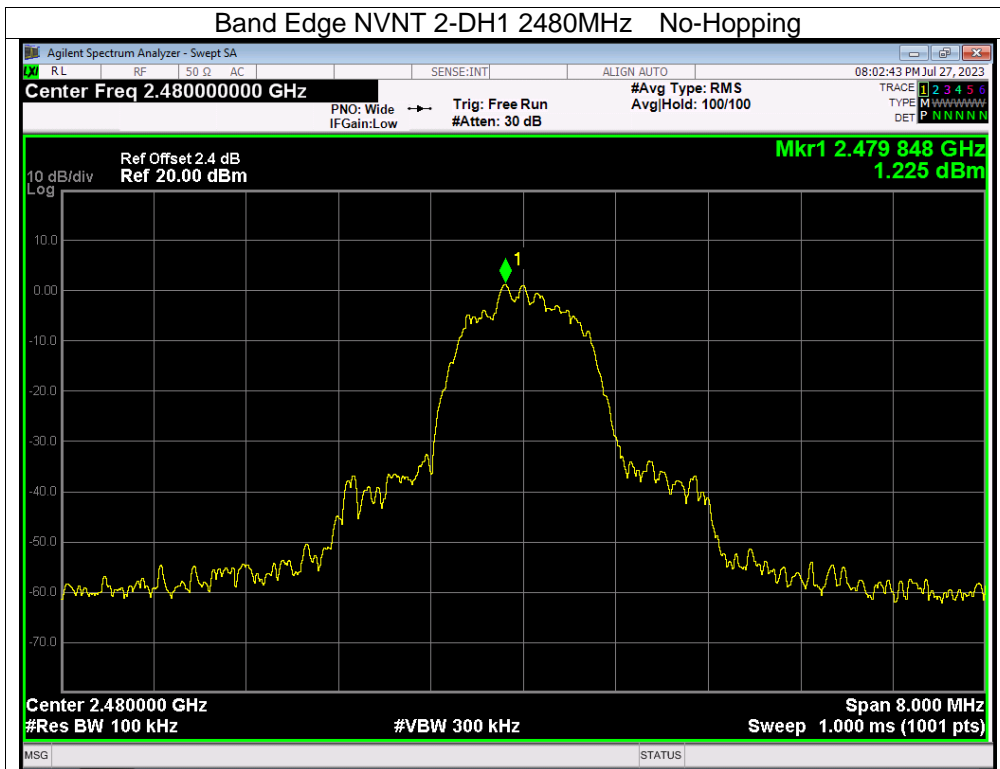


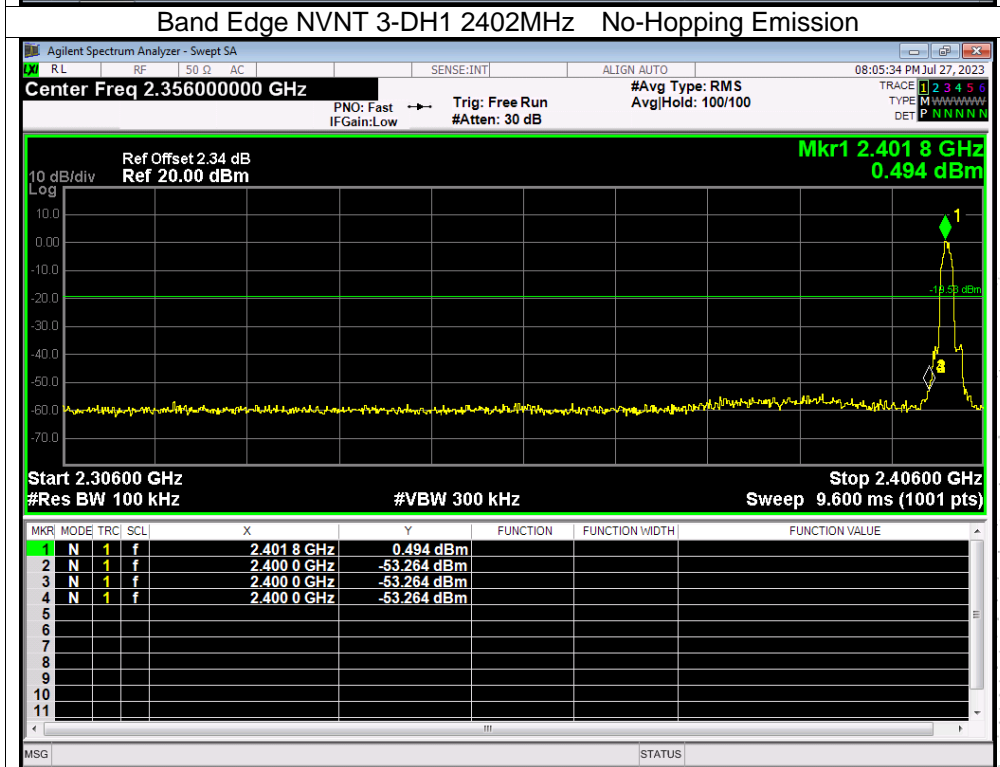
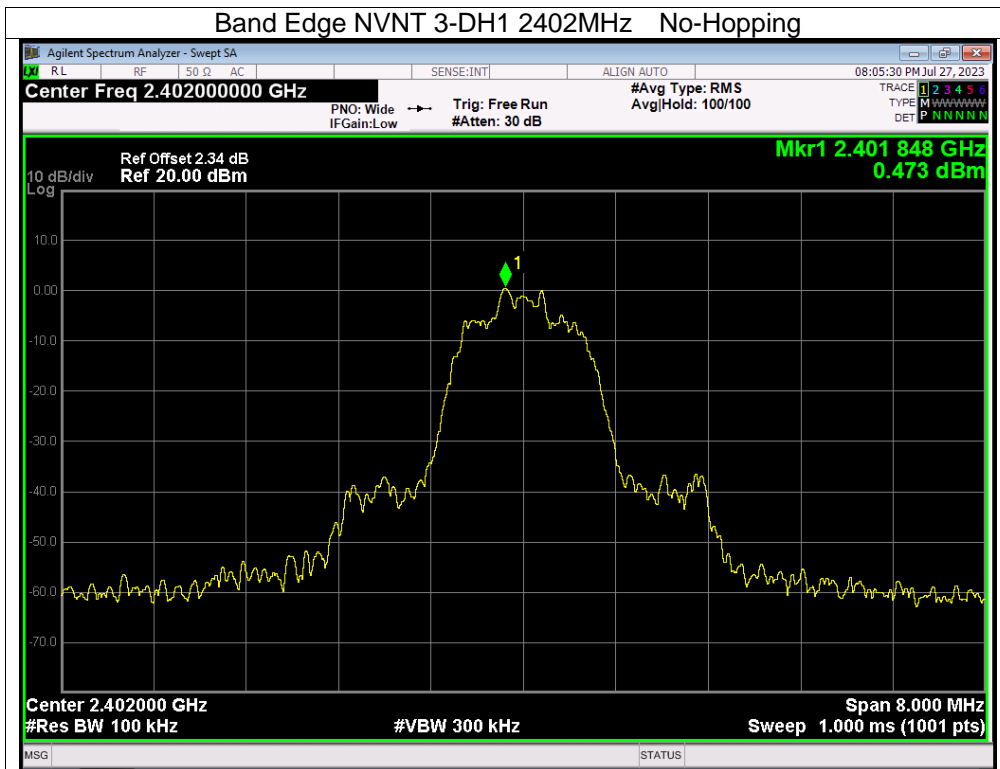
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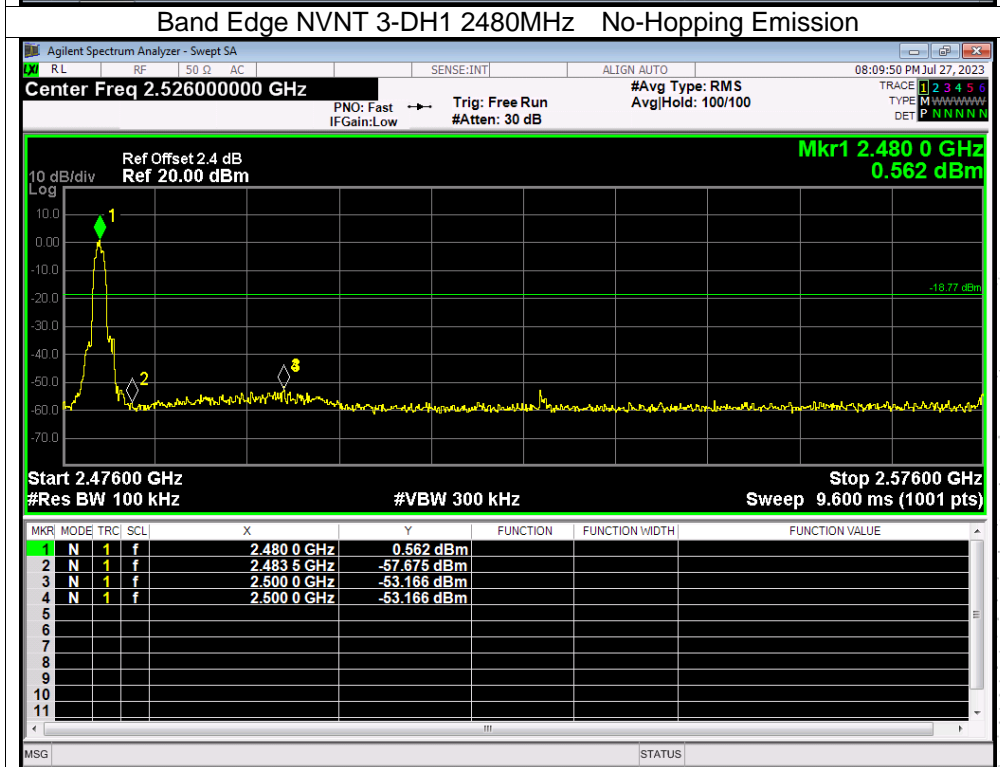
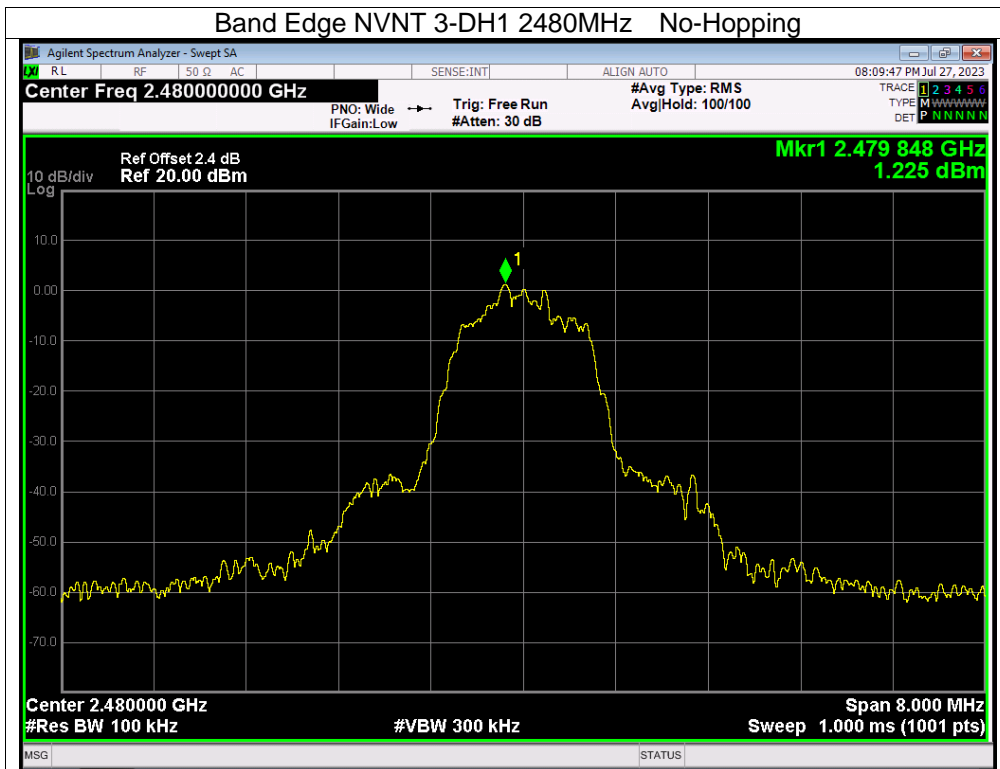


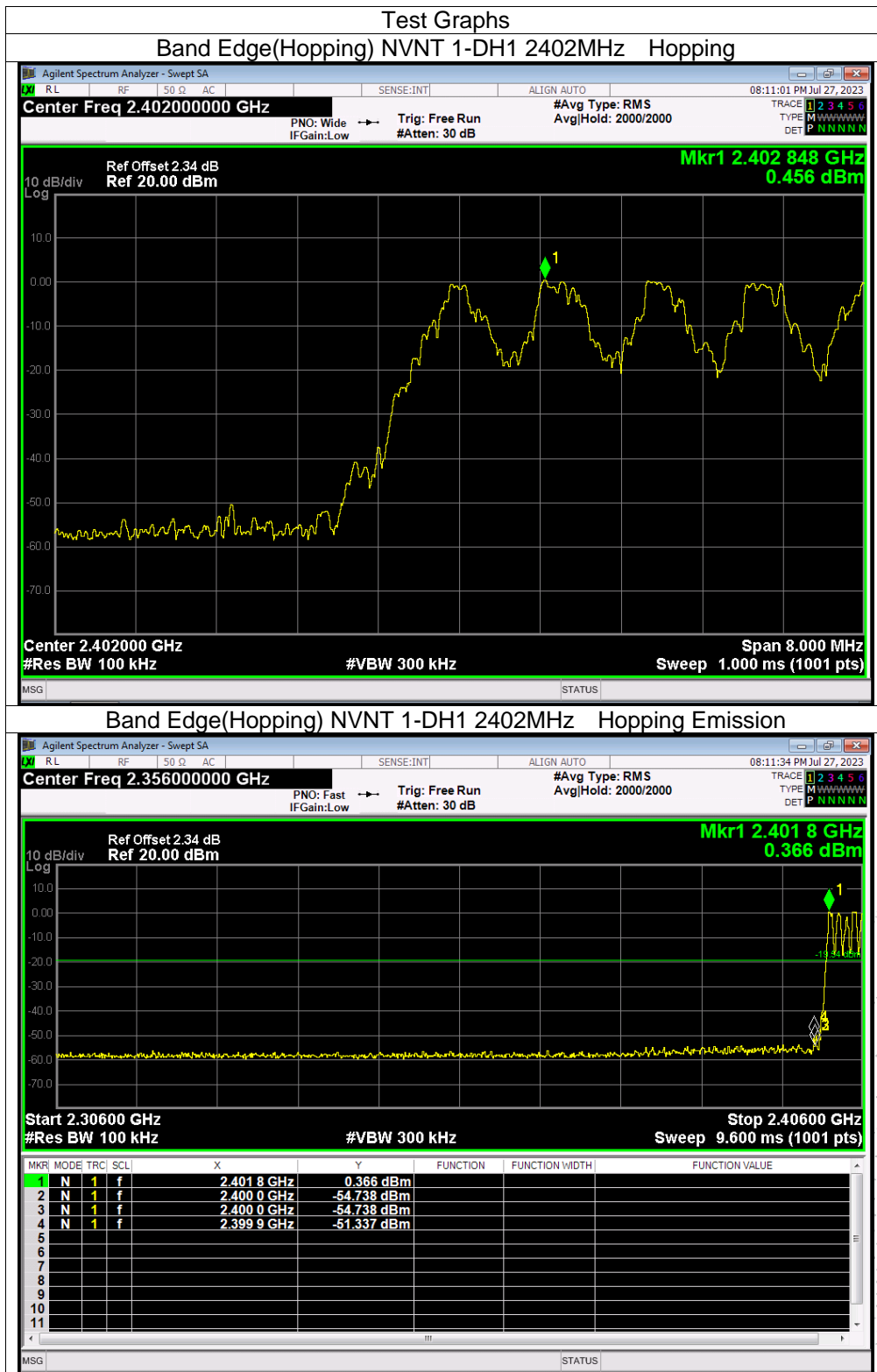
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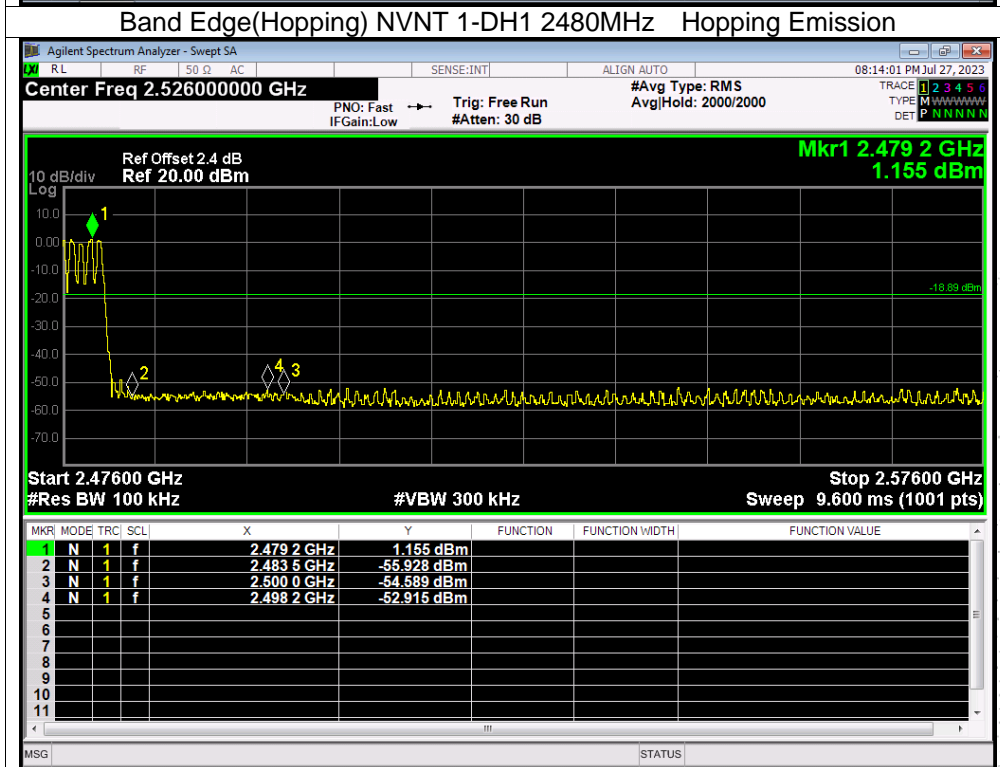
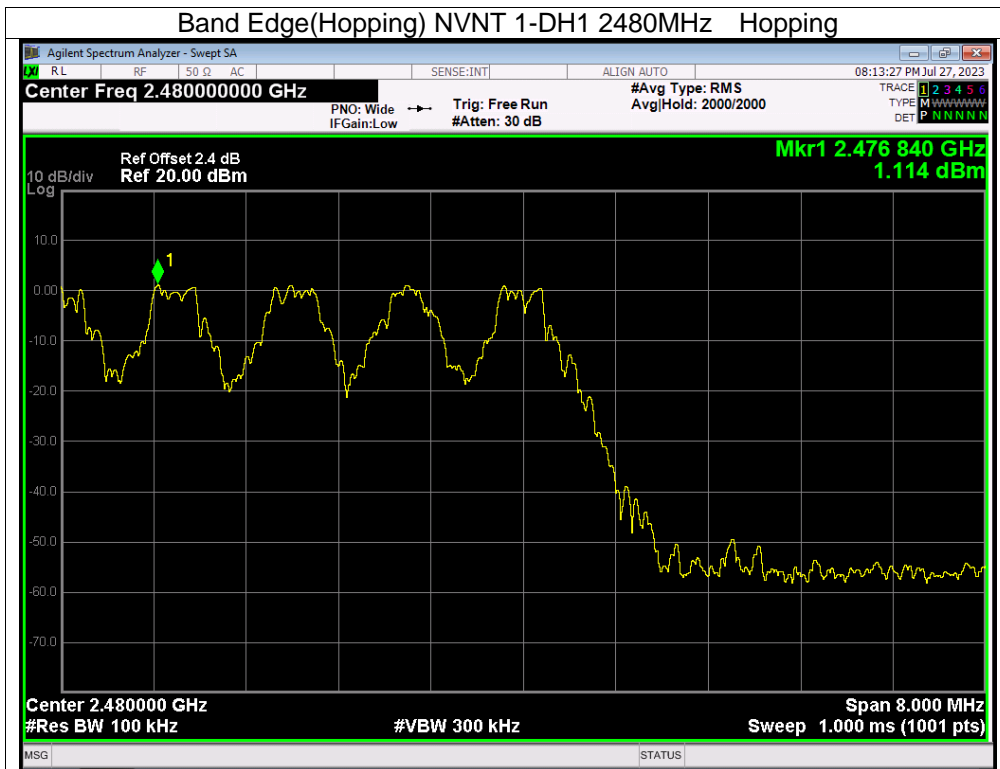




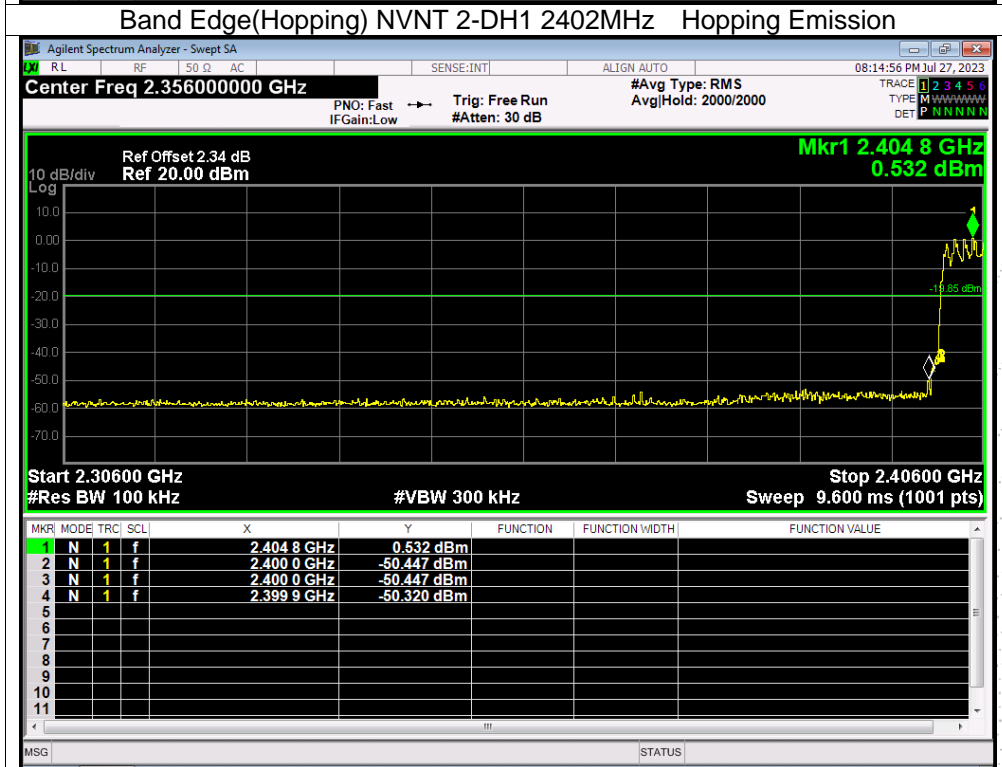
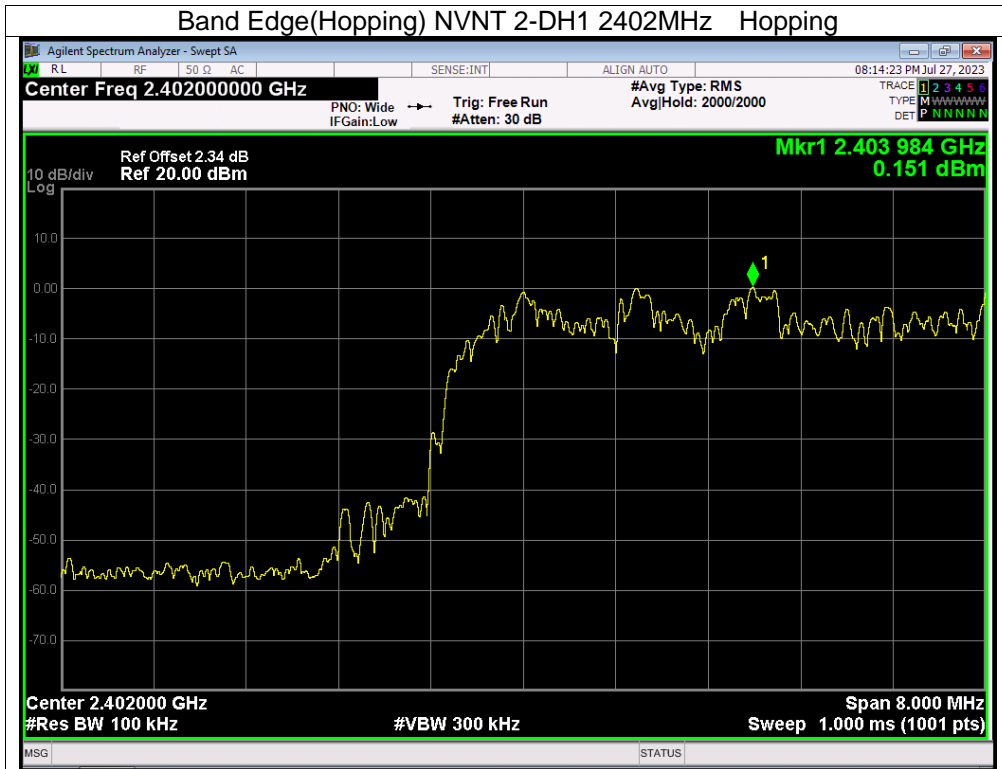


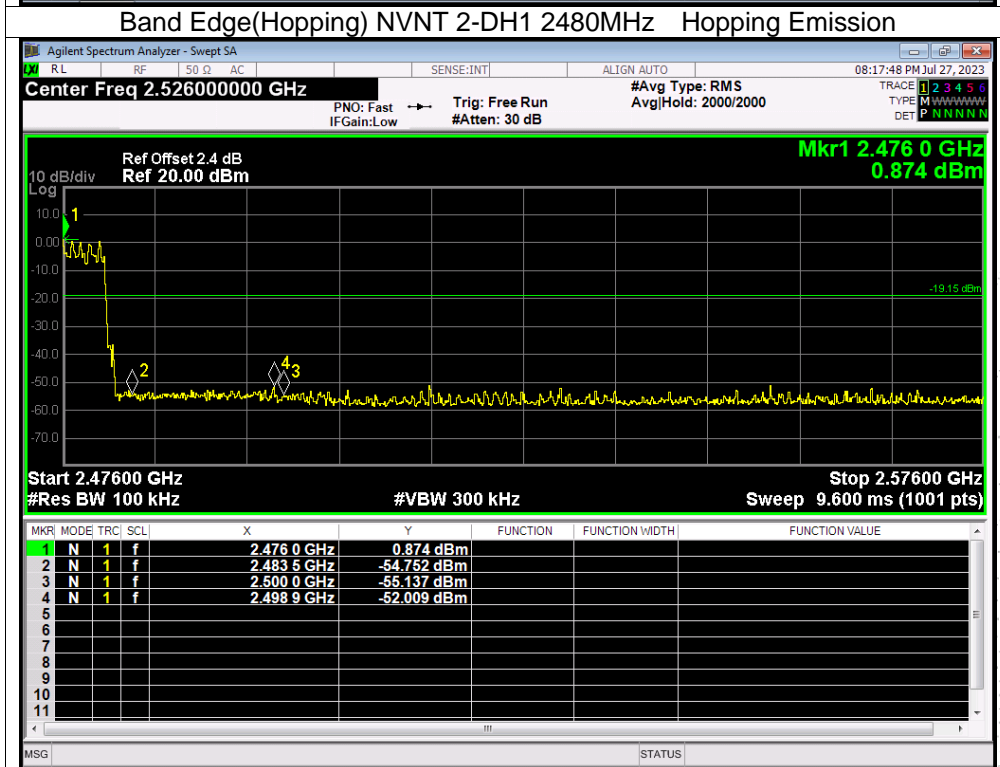
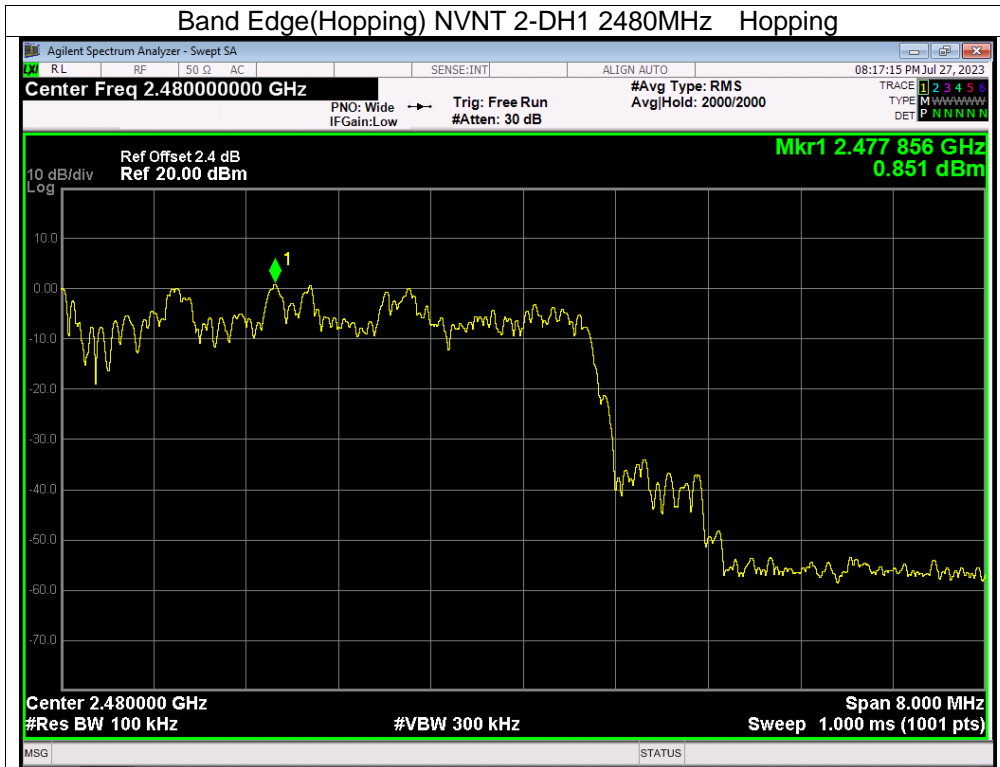


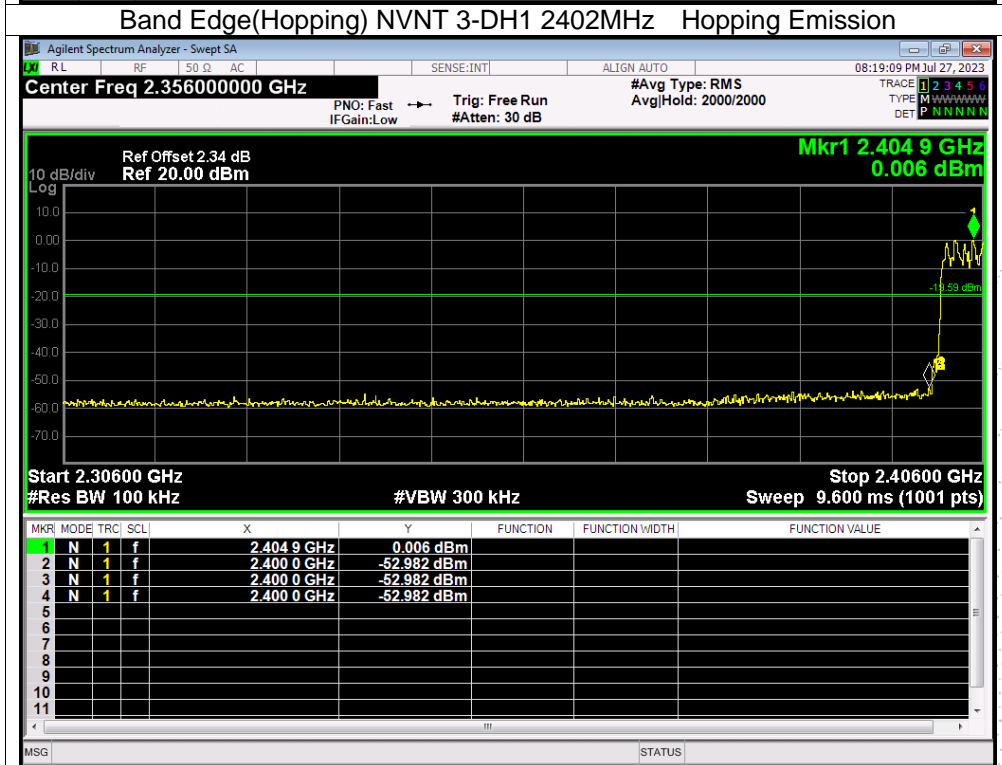
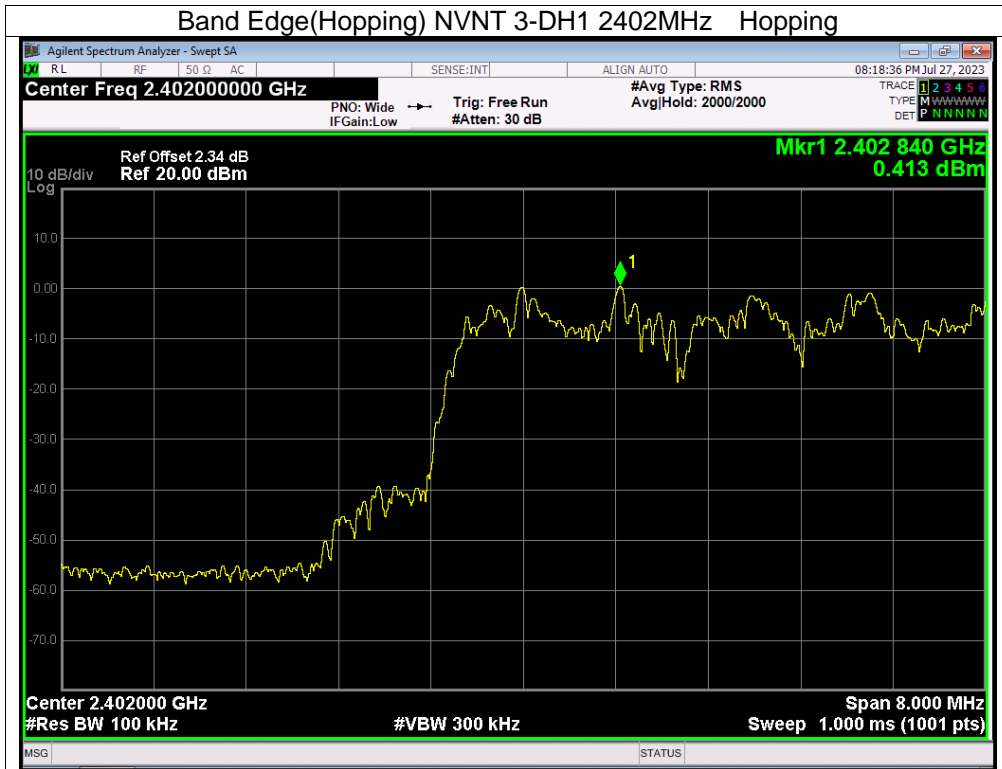


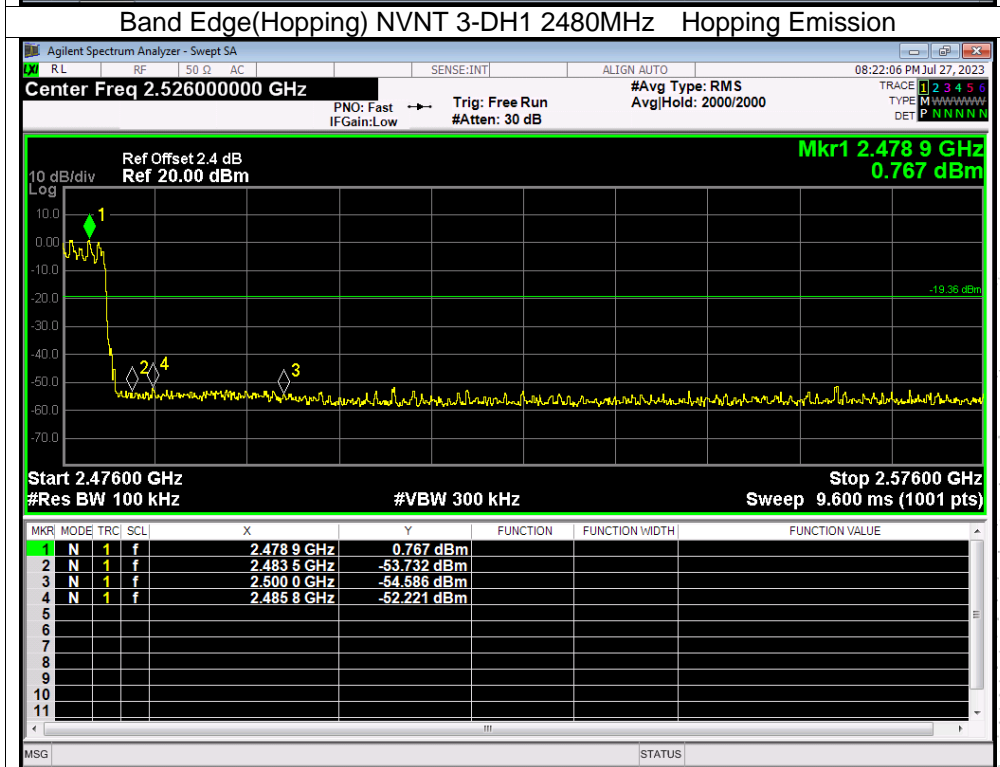
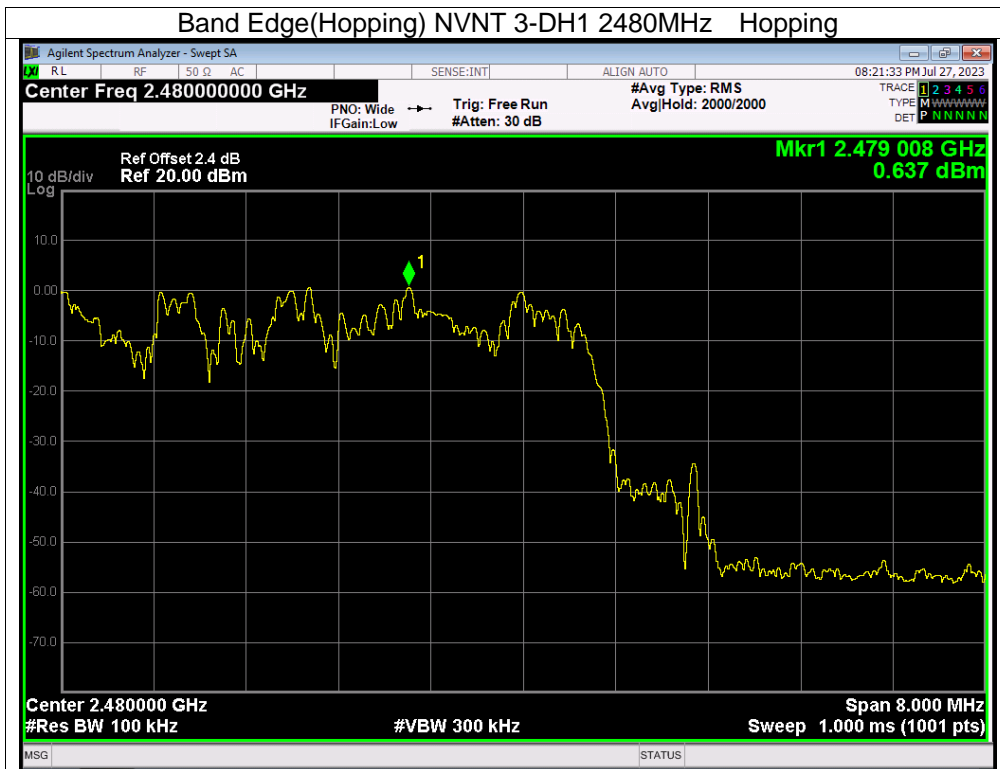


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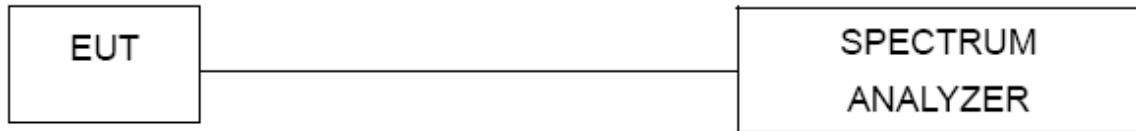






## 10. 20 dB Bandwidth

### 10.1 Block Diagram Of Test Setup



### 10.2 Limit

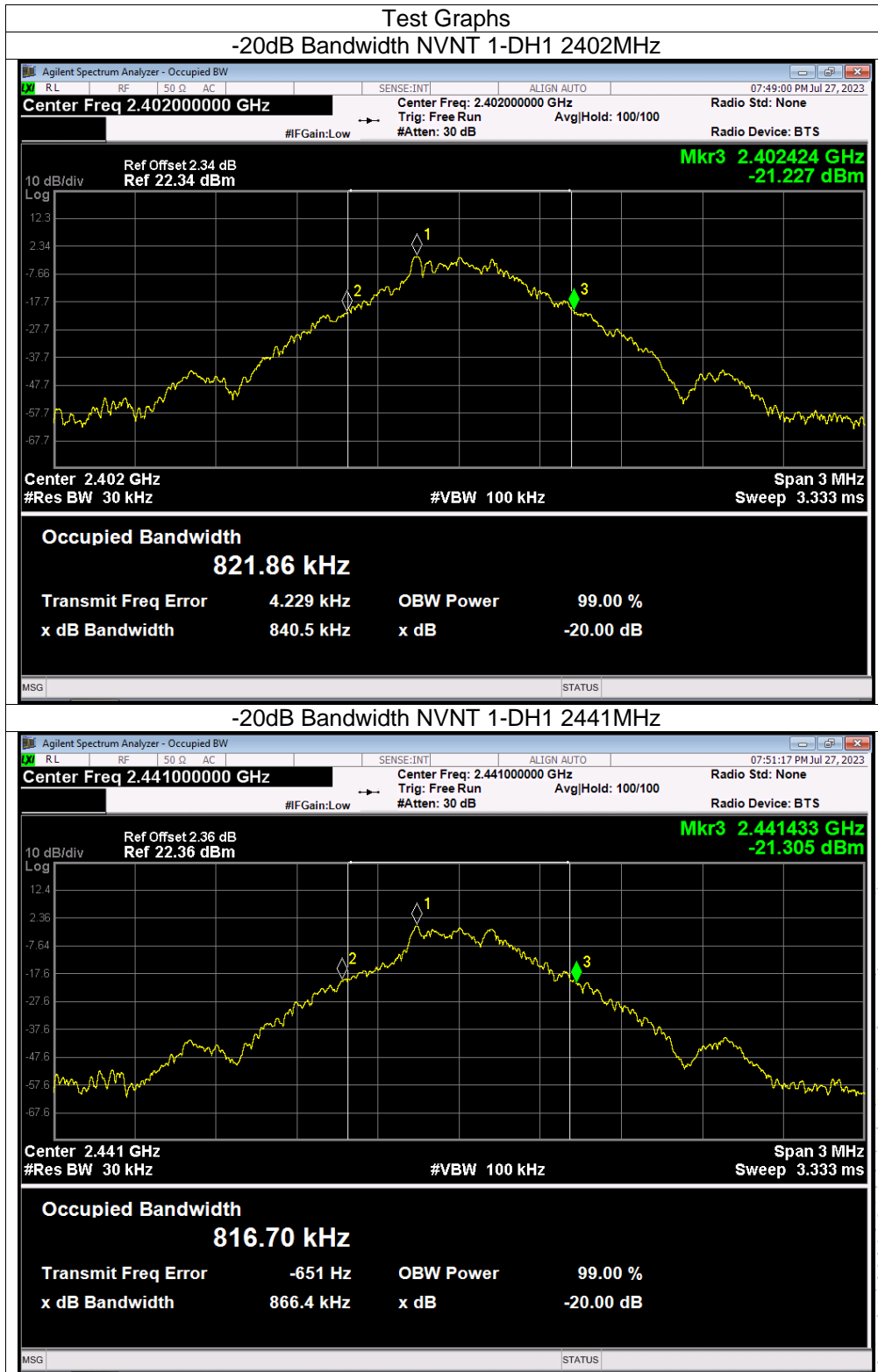
N/A

### 10.3 Test procedure

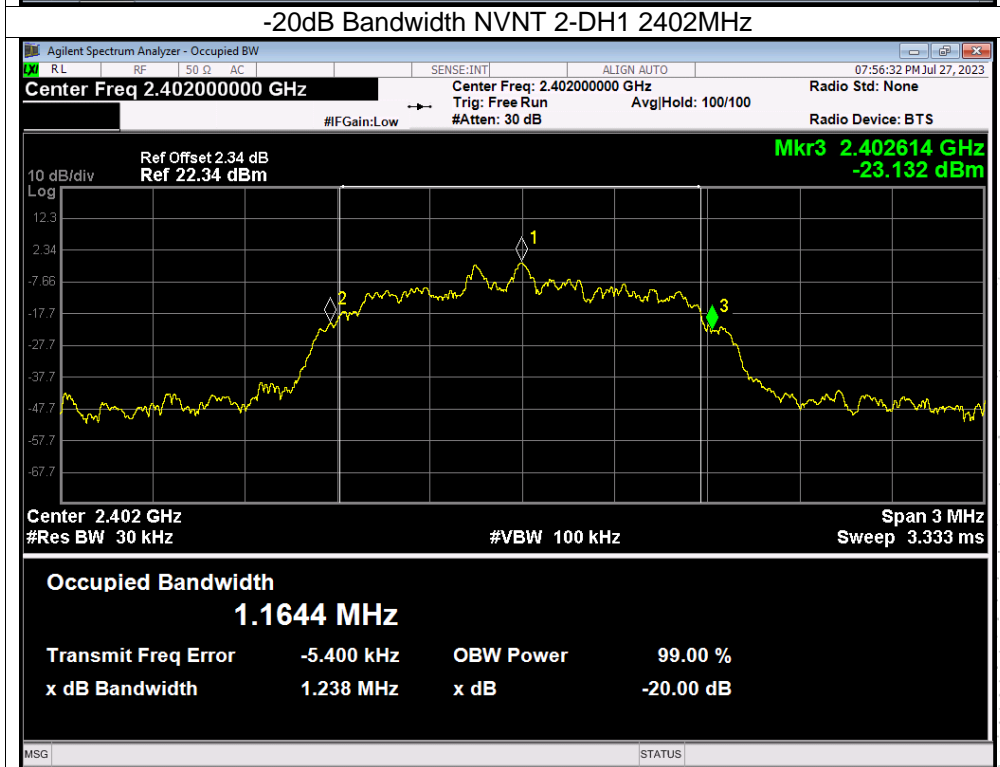
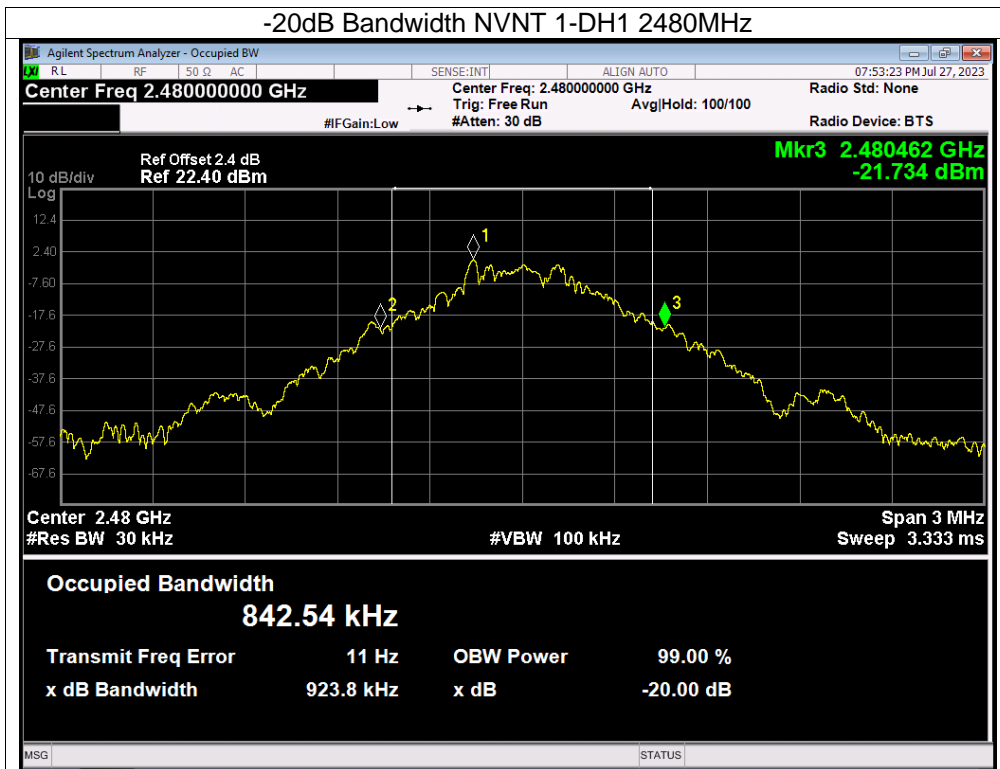
1. Set RBW = 30kHz.
2. Set the video bandwidth (VBW)  $\geq 3 \times$  RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

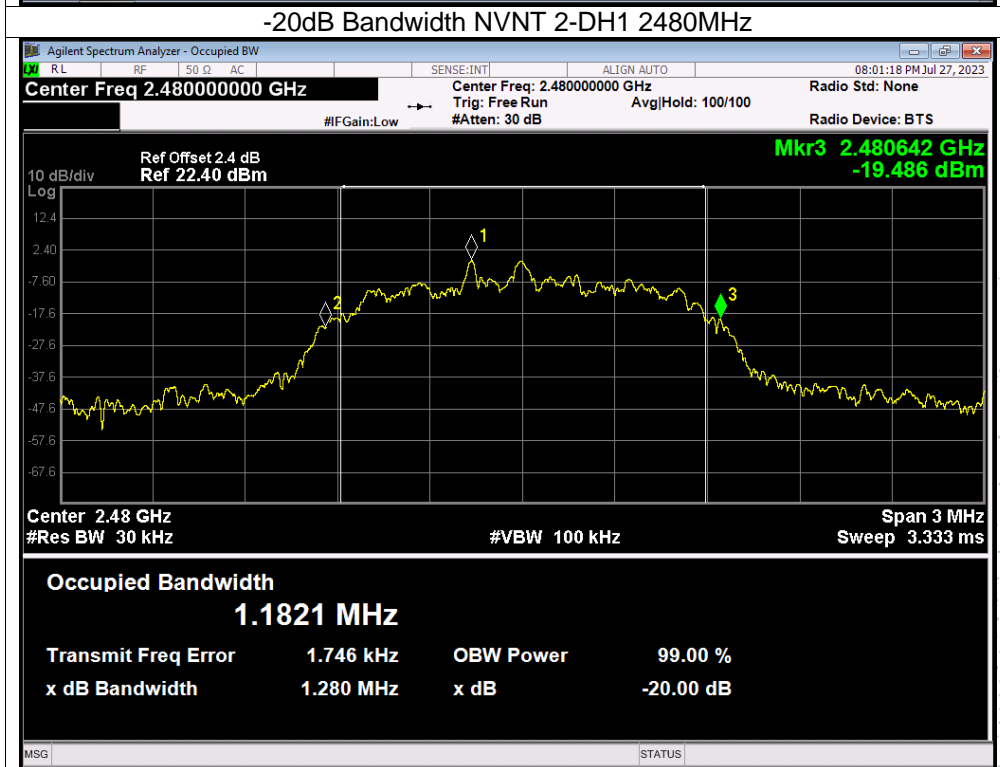
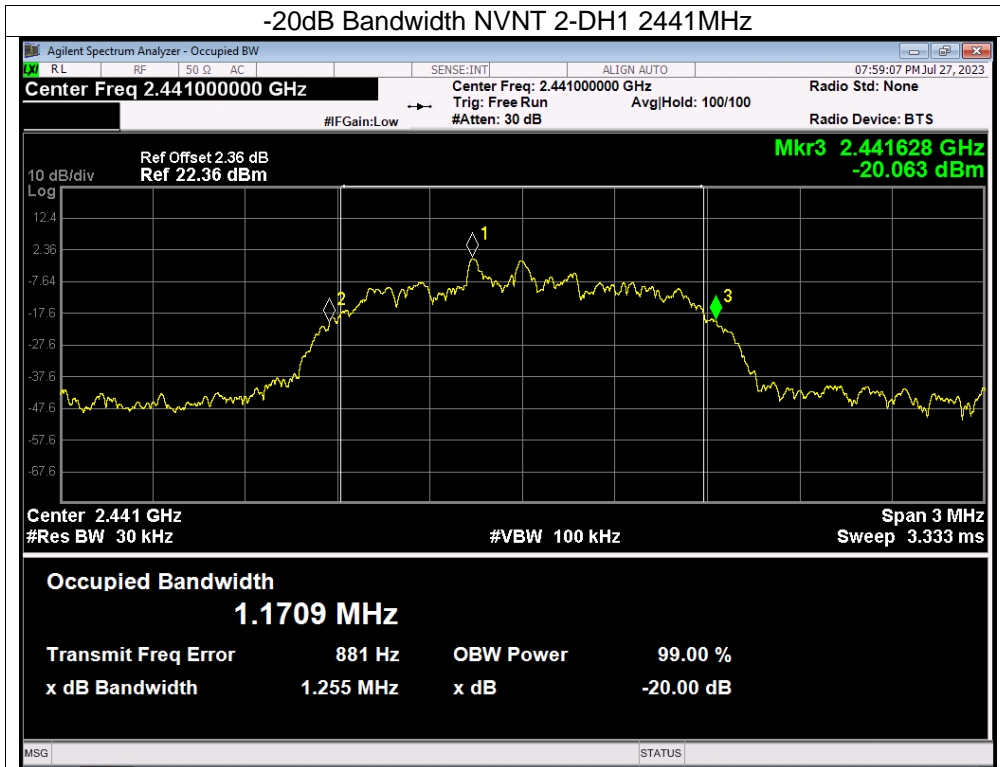
### 10.4 Test Result

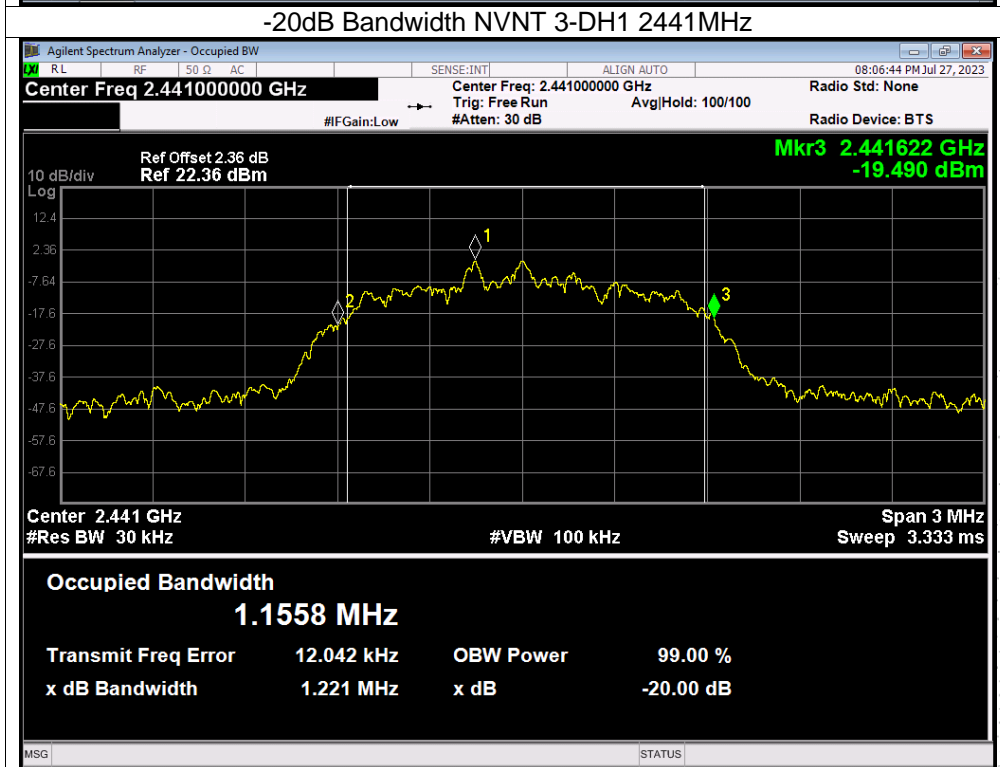
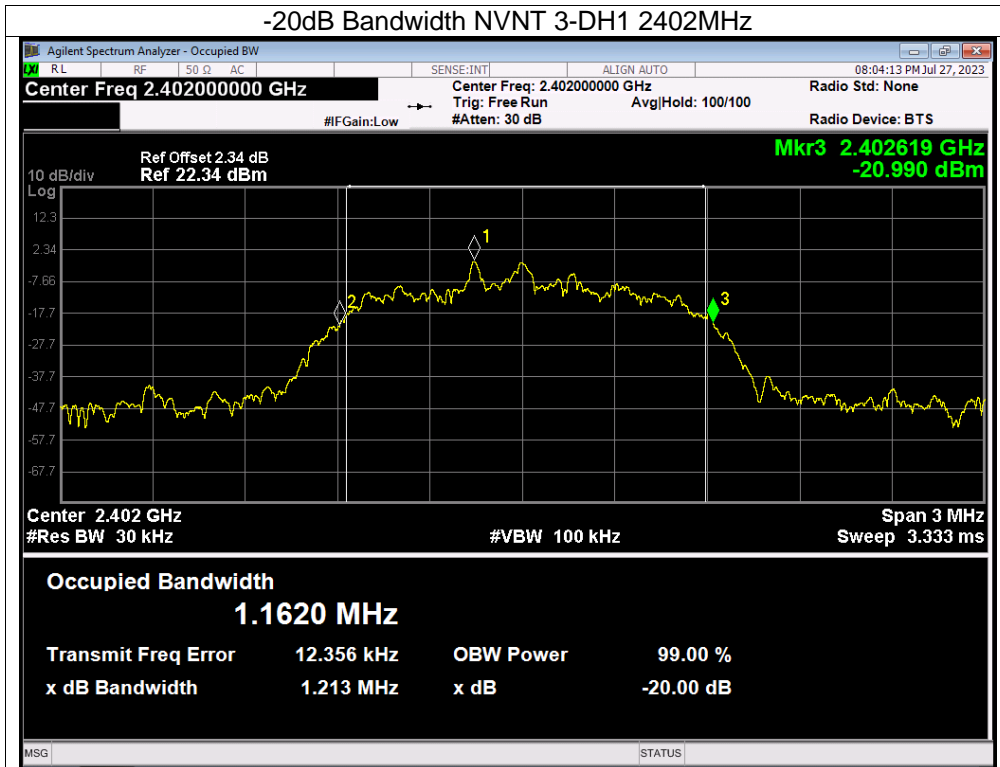
| Condition | Mode  | Frequency (MHz) | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|------------------------|---------|
| NVNT      | 1-DH1 | 2402            | 0.841                  | Pass    |
| NVNT      | 1-DH1 | 2441            | 0.866                  | Pass    |
| NVNT      | 1-DH1 | 2480            | 0.924                  | Pass    |
| NVNT      | 2-DH1 | 2402            | 1.238                  | Pass    |
| NVNT      | 2-DH1 | 2441            | 1.255                  | Pass    |
| NVNT      | 2-DH1 | 2480            | 1.28                   | Pass    |
| NVNT      | 3-DH1 | 2402            | 1.213                  | Pass    |
| NVNT      | 3-DH1 | 2441            | 1.221                  | Pass    |
| NVNT      | 3-DH1 | 2480            | 1.25                   | Pass    |



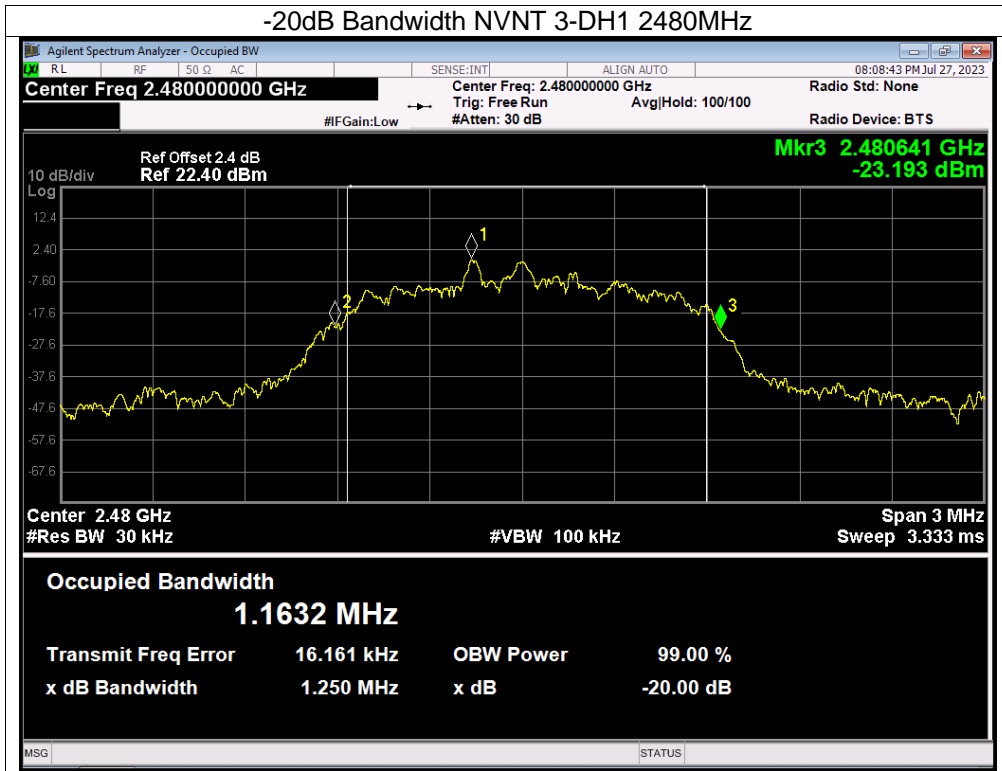
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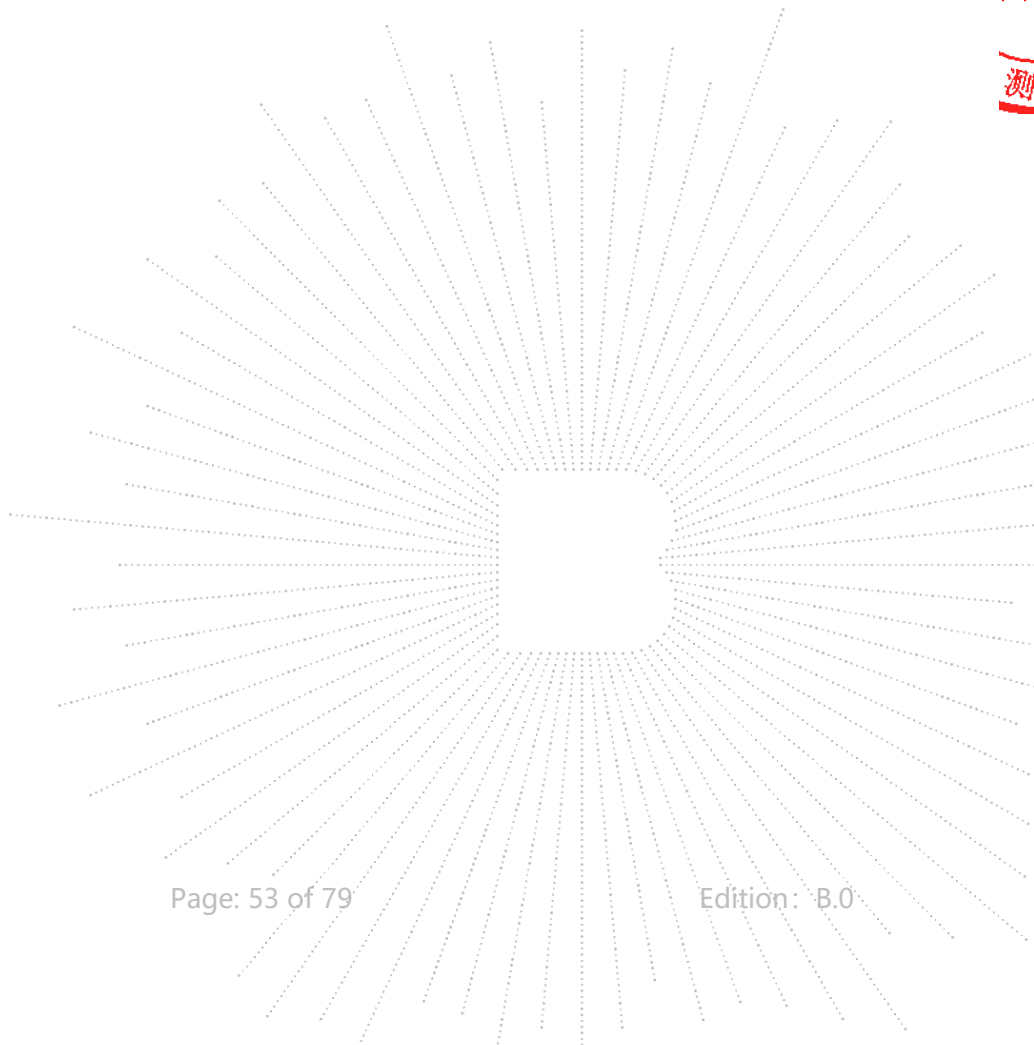




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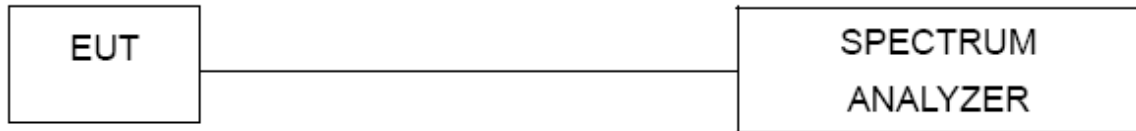


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## 11. Maximum Peak Output Power

### 11.1 Block Diagram Of Test Setup



### 11.2 Limit

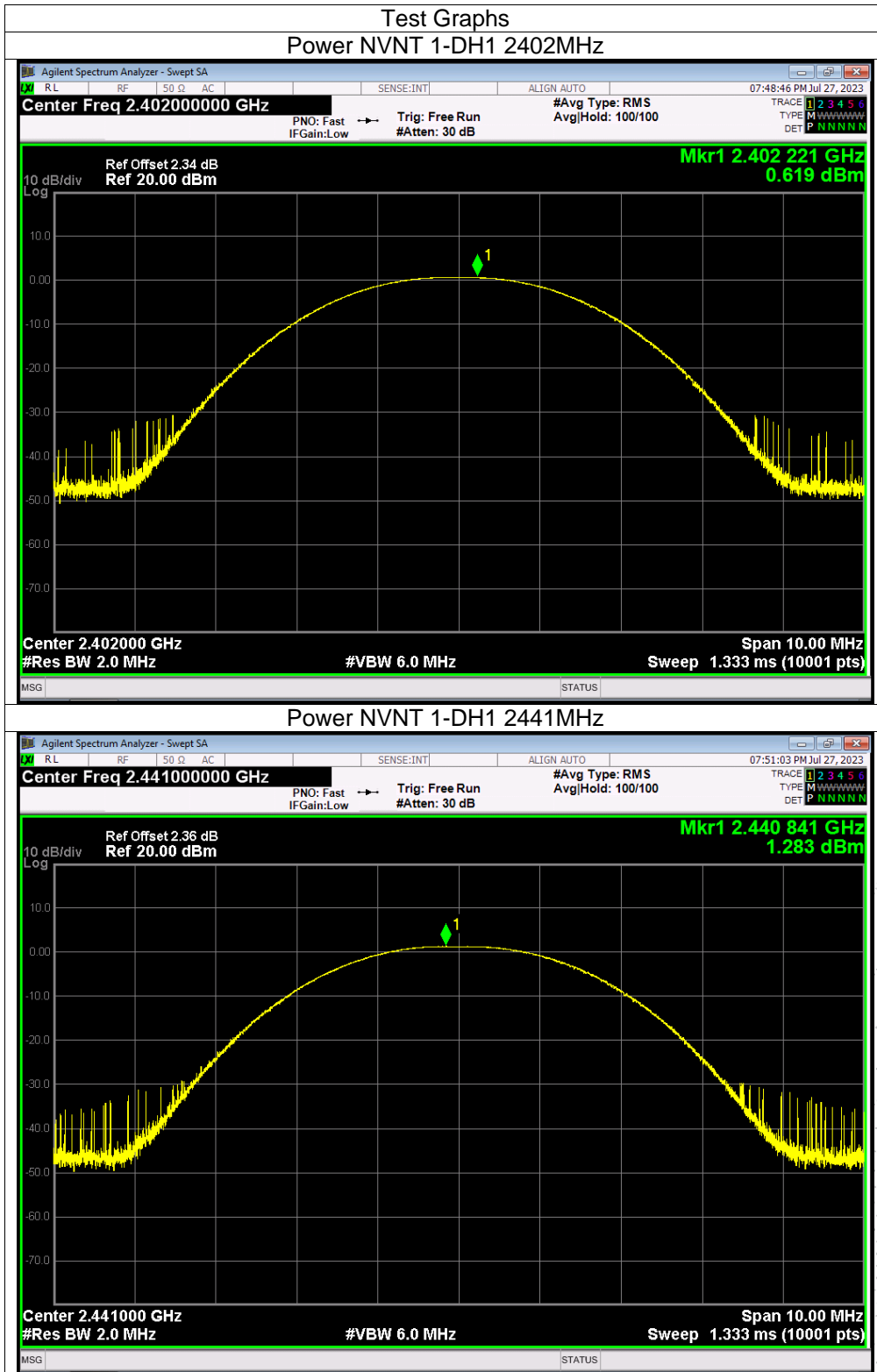
| FCC Part15 (15.247) , Subpart C |                   |                     |                       |        |
|---------------------------------|-------------------|---------------------|-----------------------|--------|
| Section                         | Test Item         | Limit               | Frequency Range (MHz) | Result |
| 15.247(b)(1)                    | Peak Output Power | 0.125 watt or 21dBm | 2400-2483.5           | PASS   |

### 11.3 Test procedure

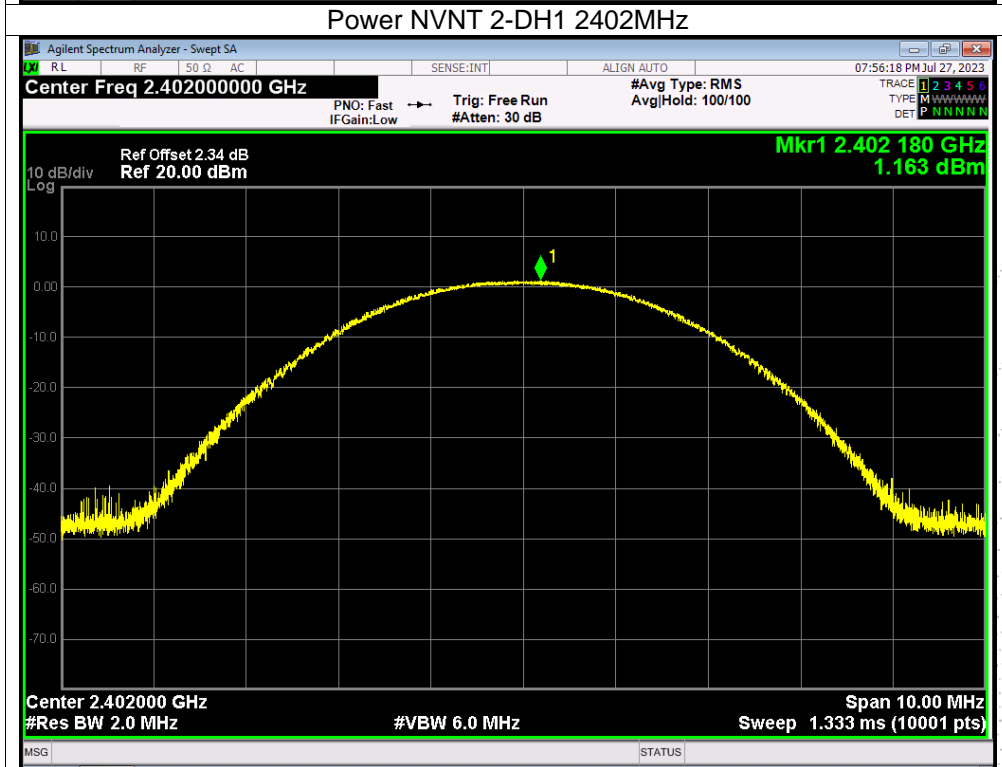
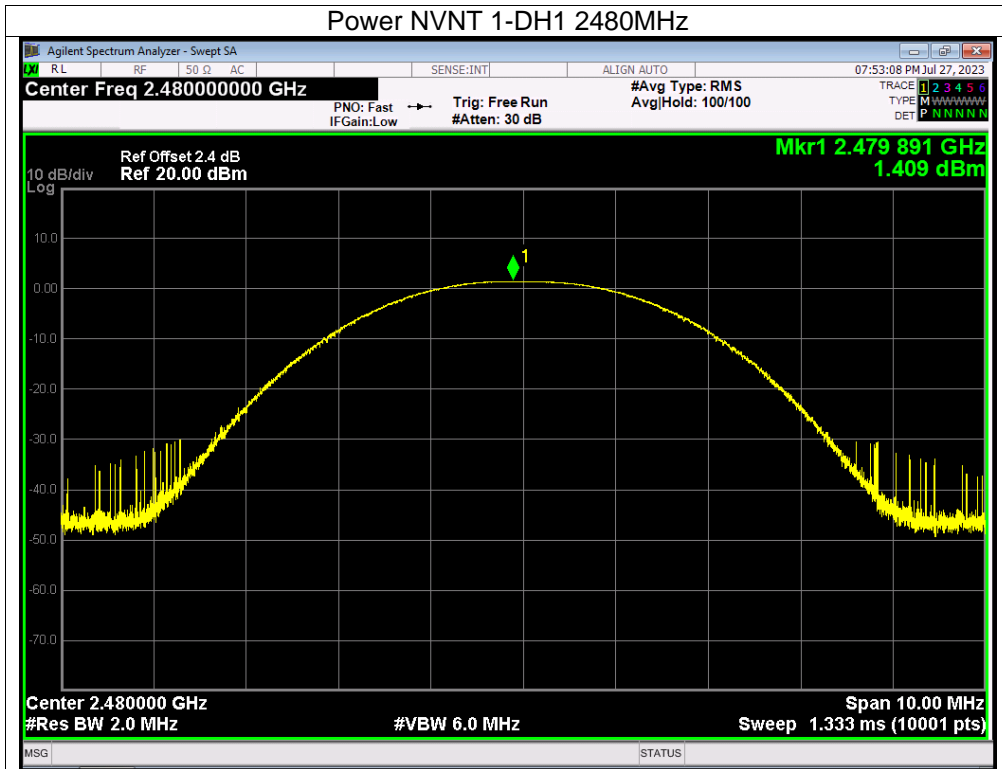
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW = 2MHz. VBW = 6MHz. Sweep = auto; Detector Function = Peak.
3. Keep the EUT in transmitting at lowest, medium and highest channel individually. Record the max value.

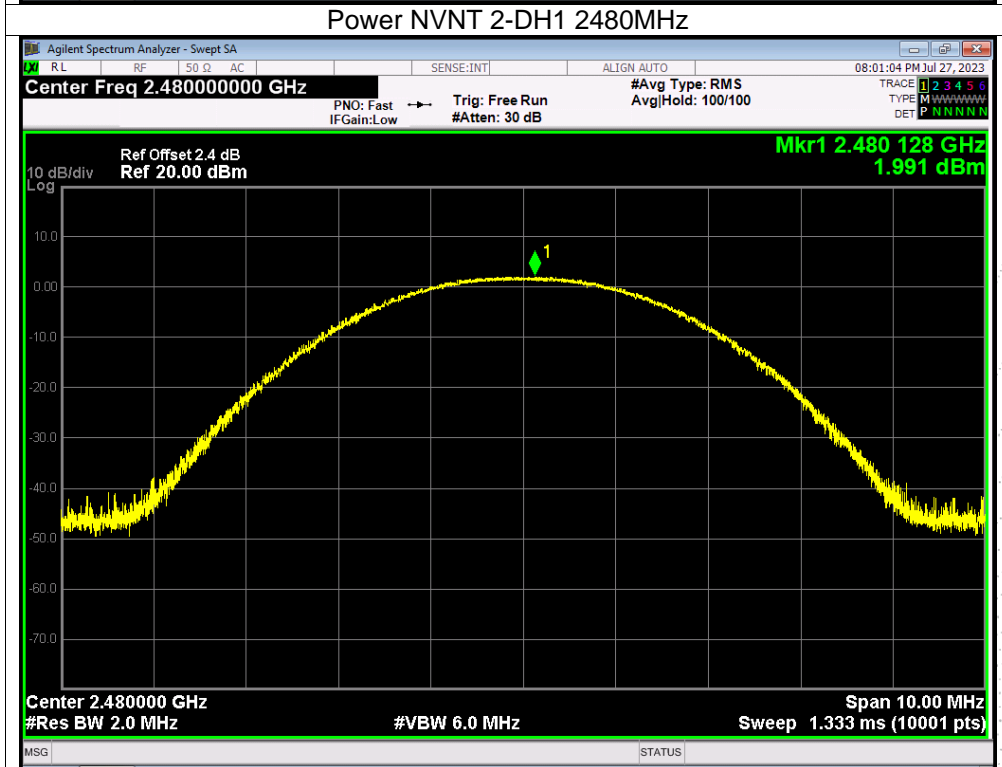
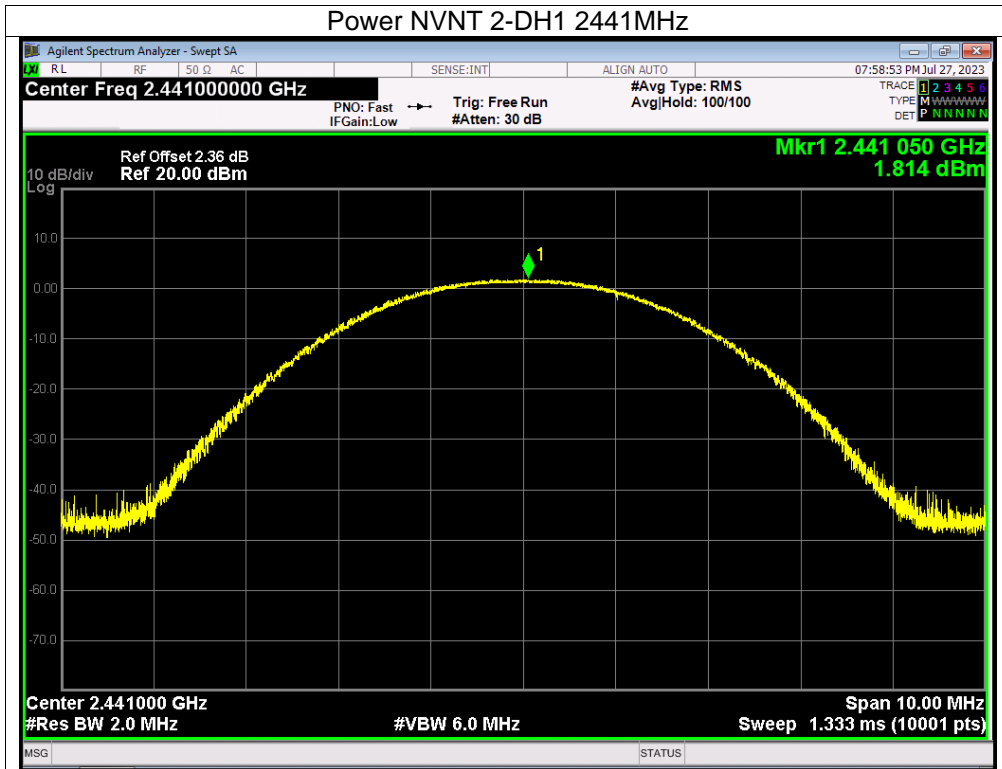
### 11.4 Test Result

| Condition | Mode  | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|-----------------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | 0.62                  | 21          | Pass    |
| NVNT      | 1-DH1 | 2441            | 1.28                  | 21          | Pass    |
| NVNT      | 1-DH1 | 2480            | 1.41                  | 21          | Pass    |
| NVNT      | 2-DH1 | 2402            | 1.16                  | 21          | Pass    |
| NVNT      | 2-DH1 | 2441            | 1.81                  | 21          | Pass    |
| NVNT      | 2-DH1 | 2480            | 1.99                  | 21          | Pass    |
| NVNT      | 3-DH1 | 2402            | 1.57                  | 21          | Pass    |
| NVNT      | 3-DH1 | 2441            | 2.19                  | 21          | Pass    |
| NVNT      | 3-DH1 | 2480            | 2.42                  | 21          | Pass    |









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