

Appendix Test Data

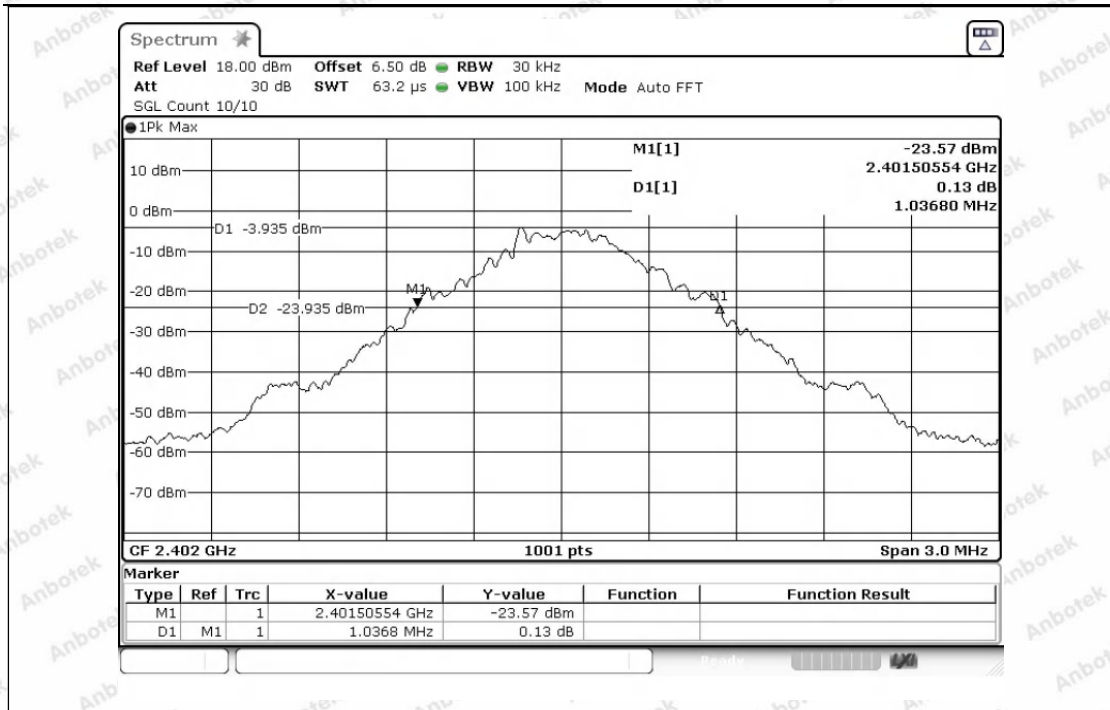
|                  |                 |                    |             |
|------------------|-----------------|--------------------|-------------|
| Report No.:      | 18220WC40049501 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2024.3.30       | Finish Test Date:  | 2024.3.30   |
| Test Engineer:   | Joker Wang      | Auditor:           | Justin Feng |
| Temperature:     | 25.5℃           | Relative Humidity: | 47%         |
| Pressure:        | 101kPa          |                    |             |

Appendix A: -20dB Bandwidth

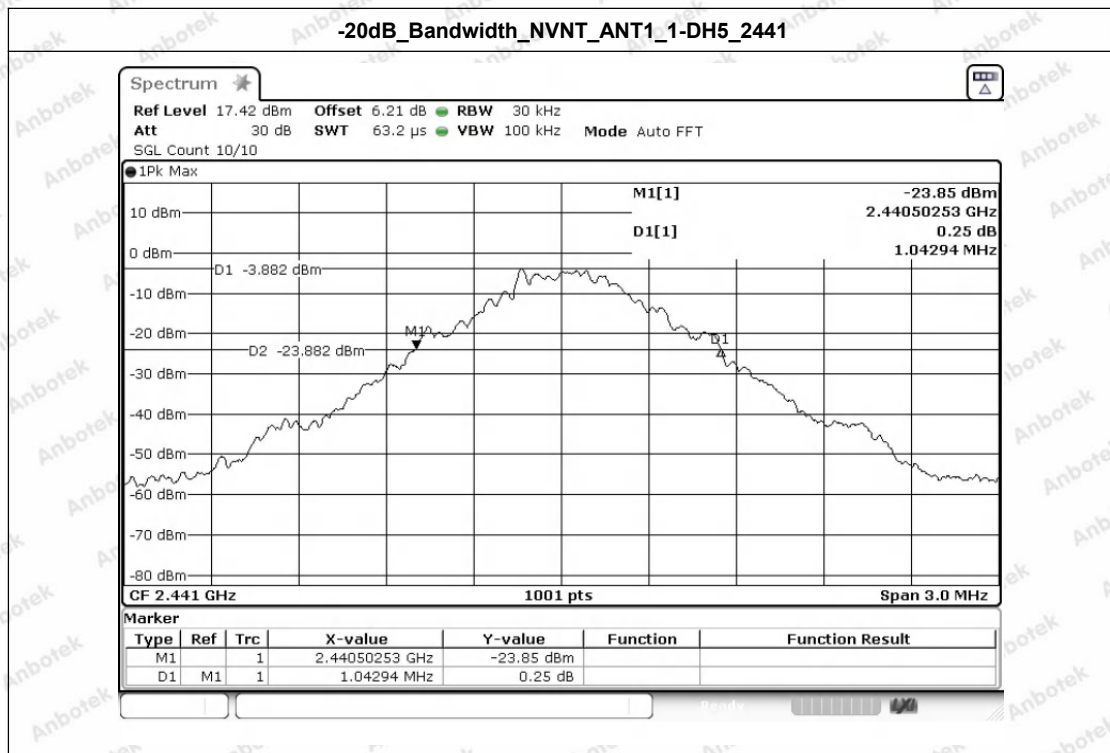
| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH5      | 2402.00         | 1.037         | Yes                |
| NVNT      | ANT1    | 1-DH5      | 2441.00         | 1.043         | Yes                |
| NVNT      | ANT1    | 1-DH5      | 2480.00         | 1.067         | Yes                |
| NVNT      | ANT1    | 2-DH5      | 2402.00         | 1.334         | Yes                |
| NVNT      | ANT1    | 2-DH5      | 2441.00         | 1.334         | Yes                |
| NVNT      | ANT1    | 2-DH5      | 2480.00         | 1.343         | Yes                |
| NVNT      | ANT1    | 3-DH5      | 2402.00         | 1.298         | Yes                |
| NVNT      | ANT1    | 3-DH5      | 2441.00         | 1.289         | Yes                |
| NVNT      | ANT1    | 3-DH5      | 2480.00         | 1.280         | Yes                |

|                                      |
|--------------------------------------|
| -20dB_Bandwidth_NVNT_ANT1_1-DH5_2402 |
|--------------------------------------|



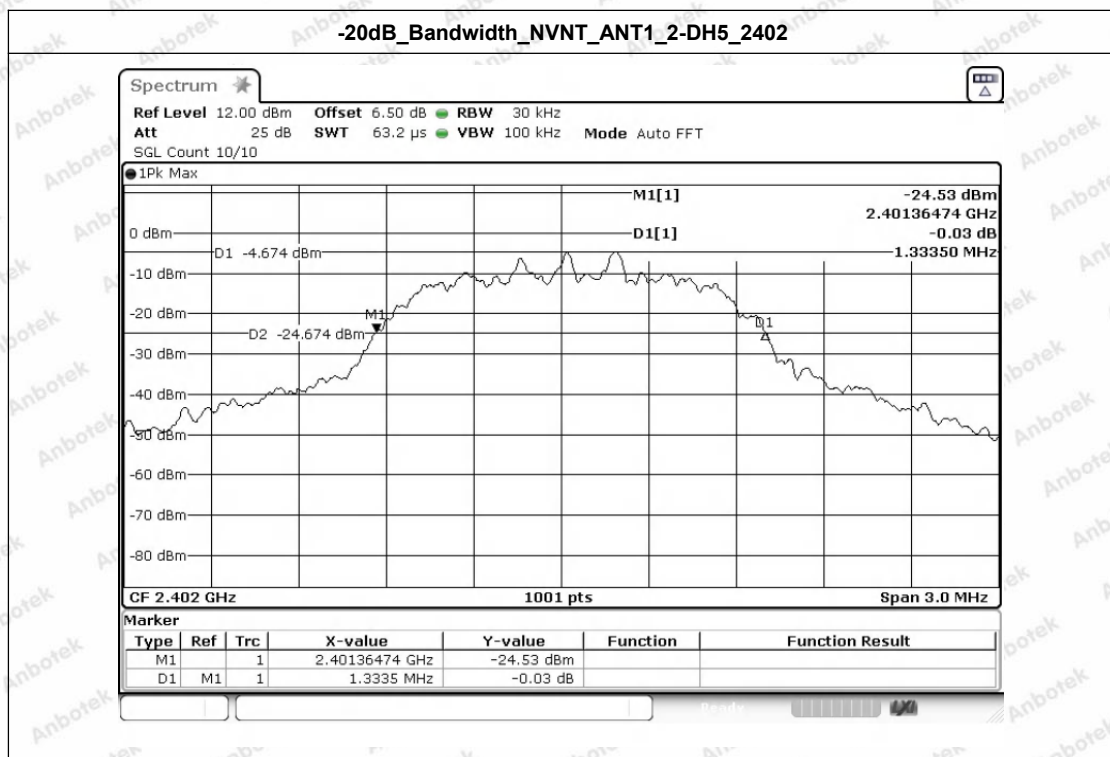
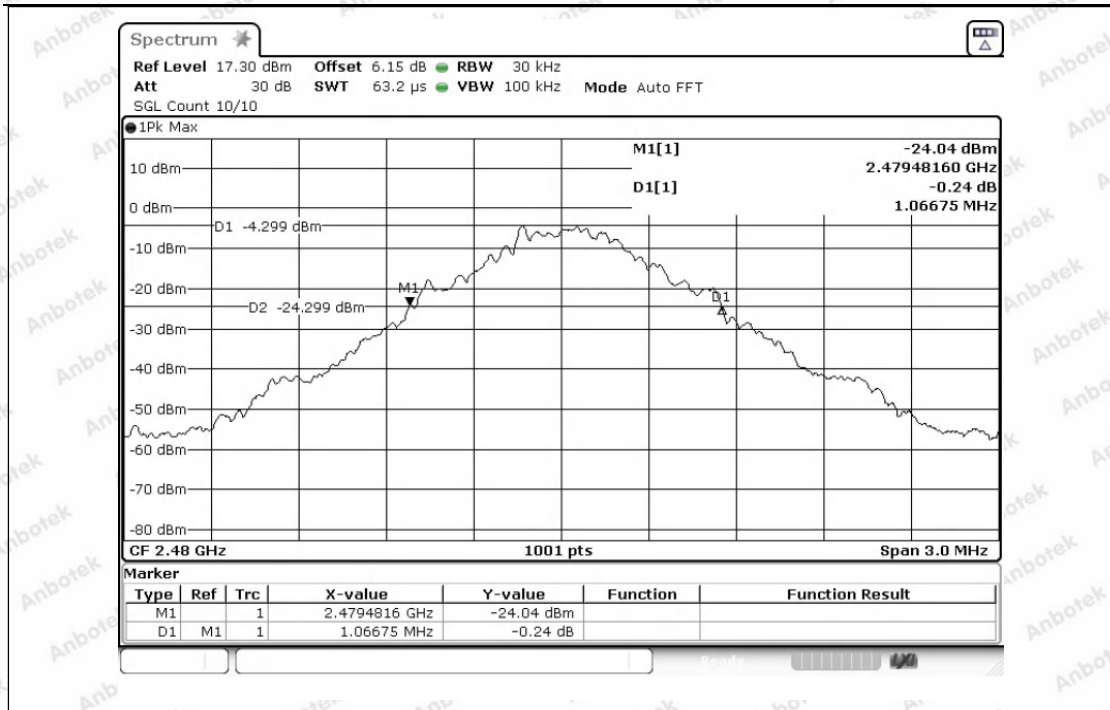


-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2441



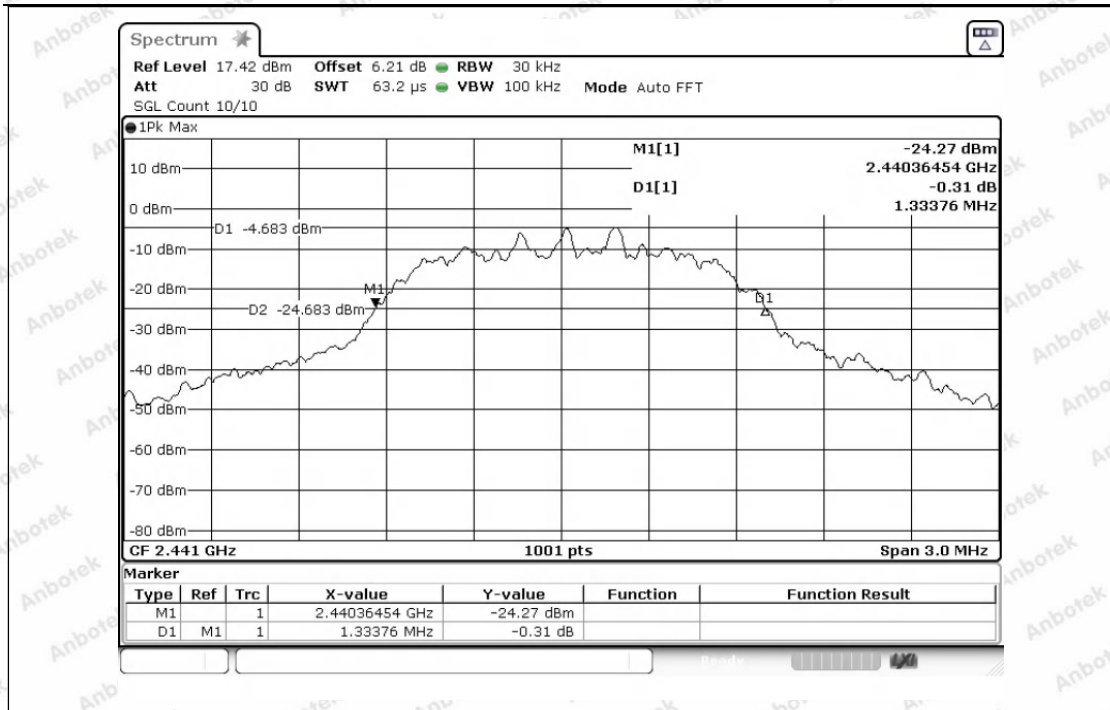
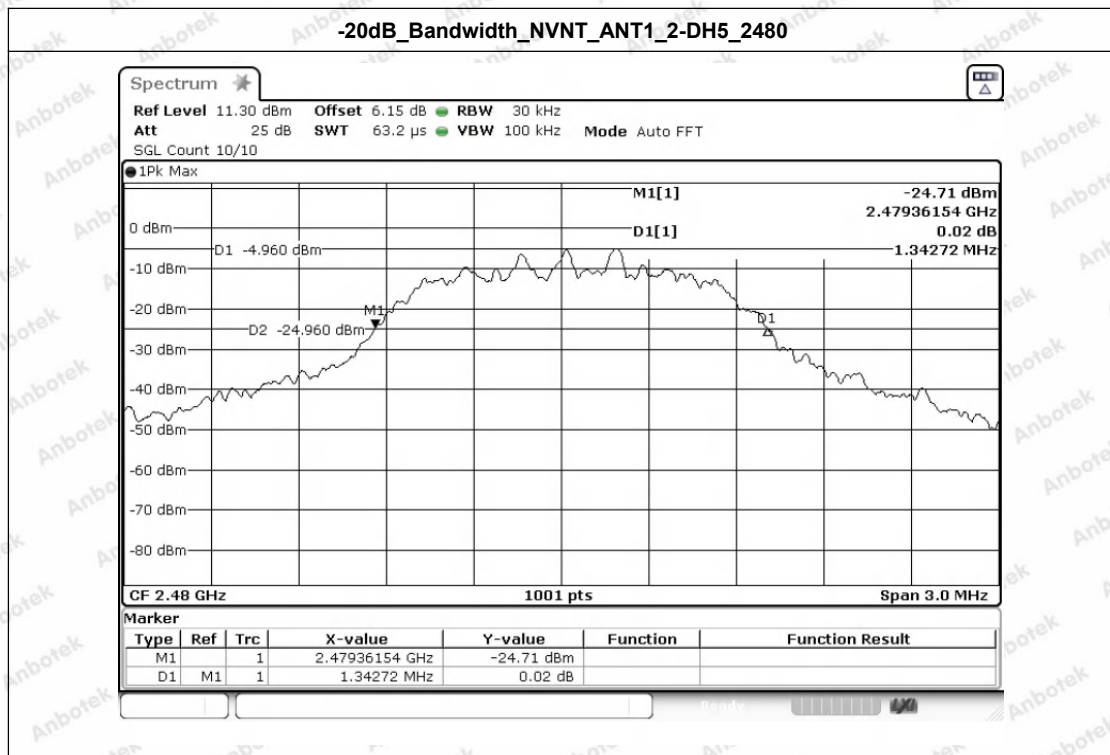
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2480

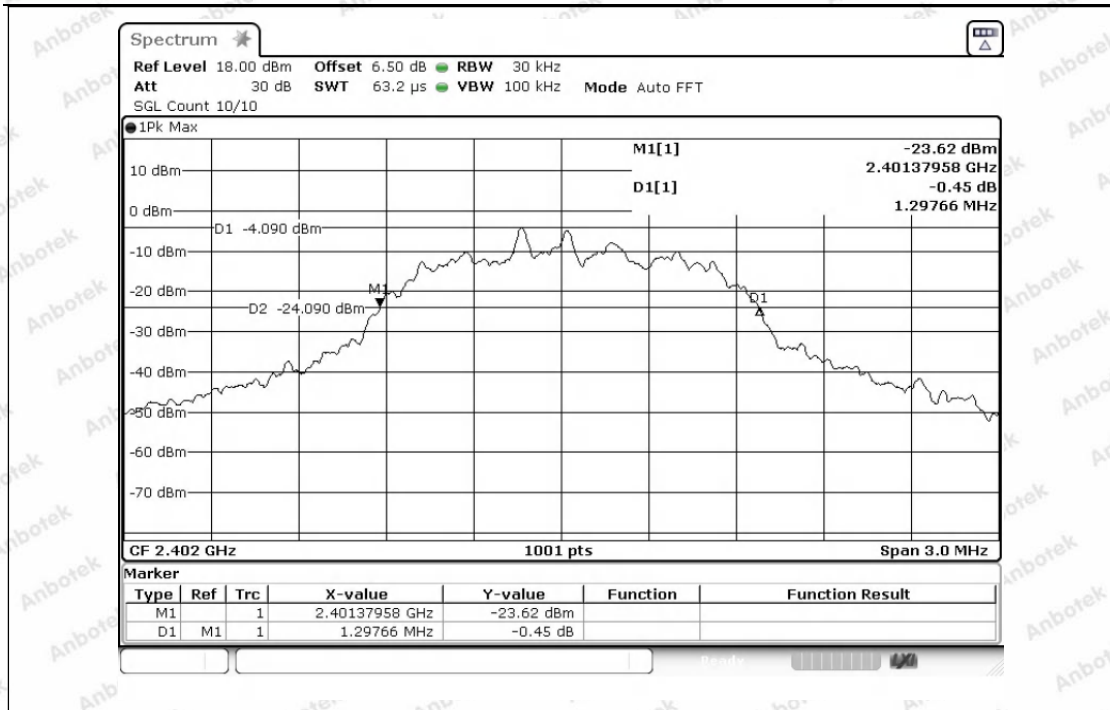




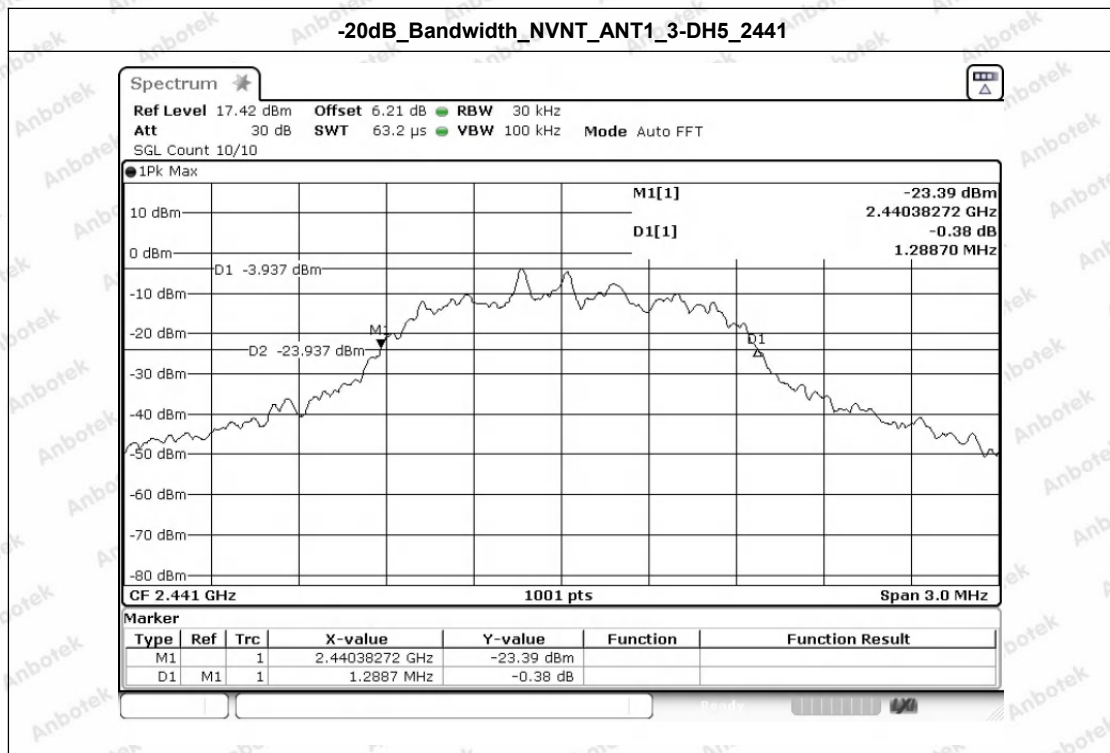
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2441



**-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2480****-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2402**

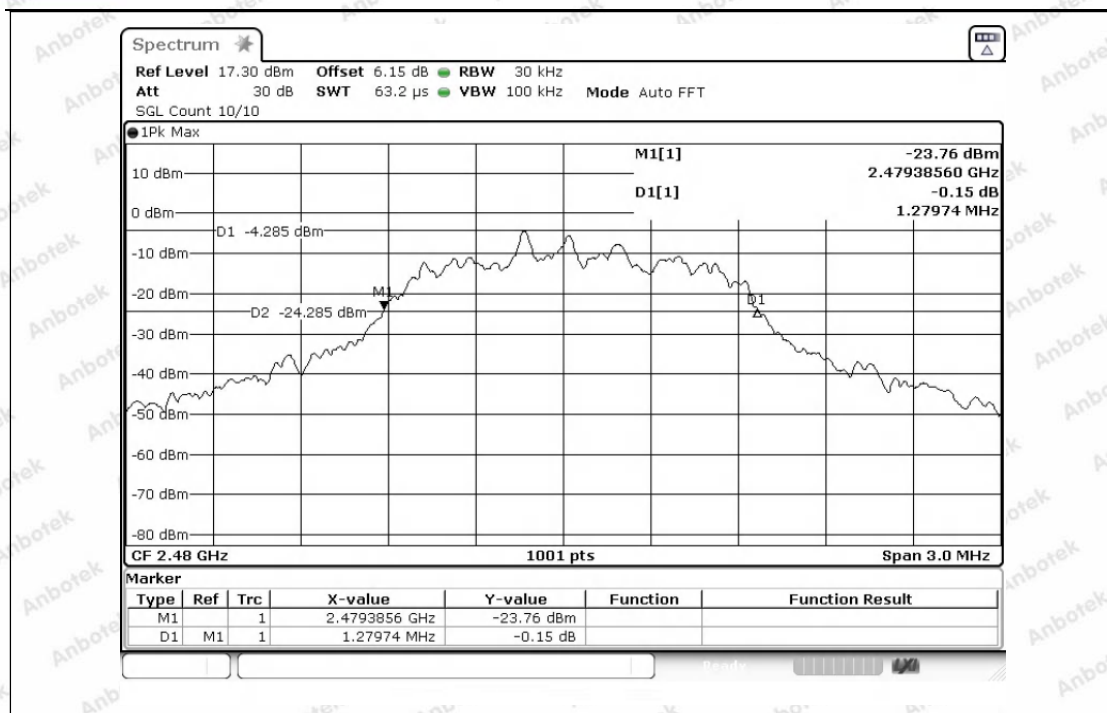


-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2441



-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2480





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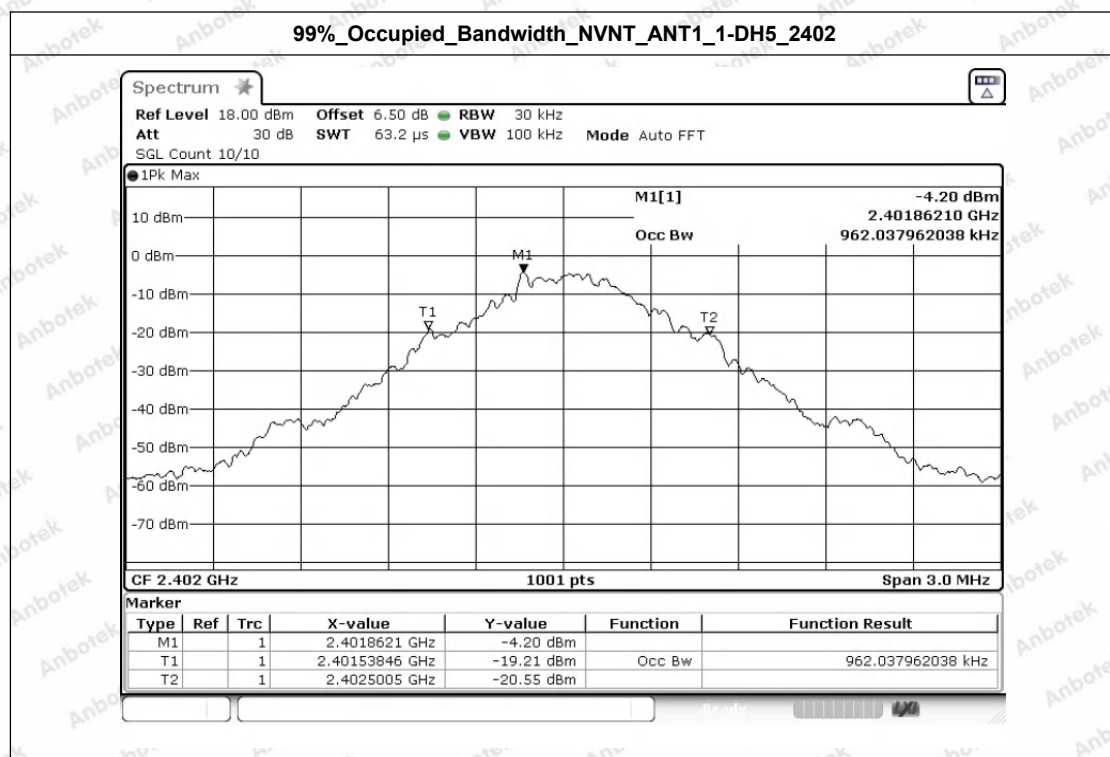
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## Appendix B: 99% Occupied Bandwidth

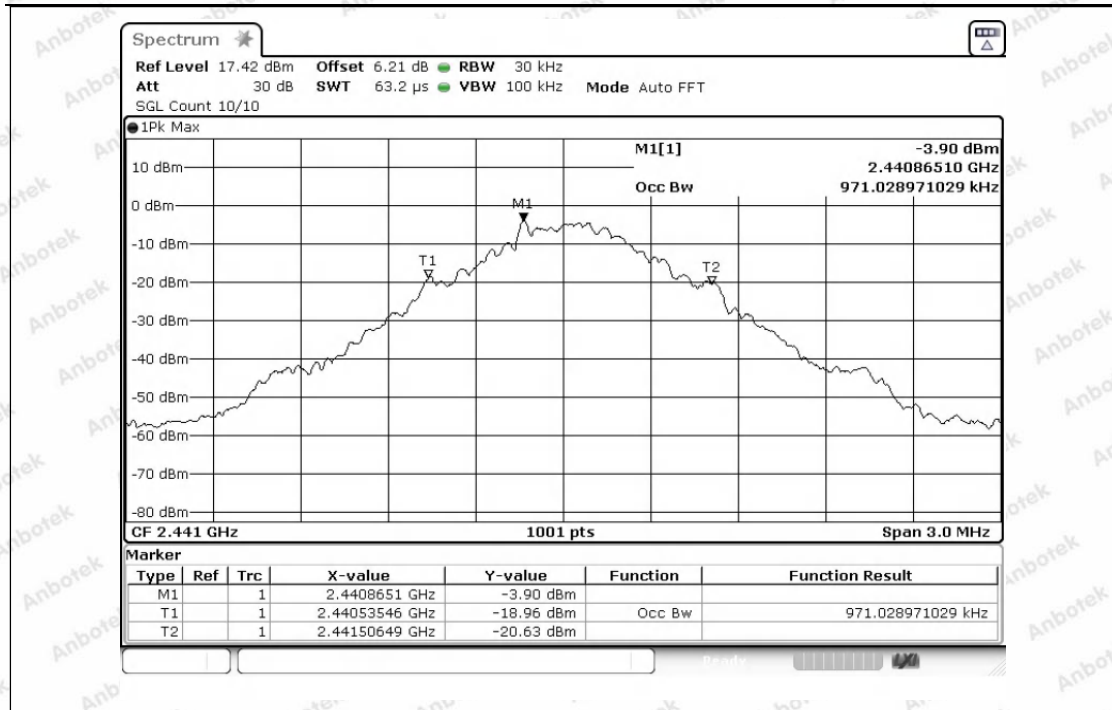
| Condition | Antenna | Modulation | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|------------|-----------------|--------------|
| NVNT      | ANT1    | 1-DH5      | 2402.00         | 0.962        |
| NVNT      | ANT1    | 1-DH5      | 2441.00         | 0.971        |
| NVNT      | ANT1    | 1-DH5      | 2480.00         | 0.986        |
| NVNT      | ANT1    | 2-DH5      | 2402.00         | 1.229        |
| NVNT      | ANT1    | 2-DH5      | 2441.00         | 1.238        |
| NVNT      | ANT1    | 2-DH5      | 2480.00         | 1.253        |
| NVNT      | ANT1    | 3-DH5      | 2402.00         | 1.220        |
| NVNT      | ANT1    | 3-DH5      | 2441.00         | 1.229        |
| NVNT      | ANT1    | 3-DH5      | 2480.00         | 1.226        |

99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2402

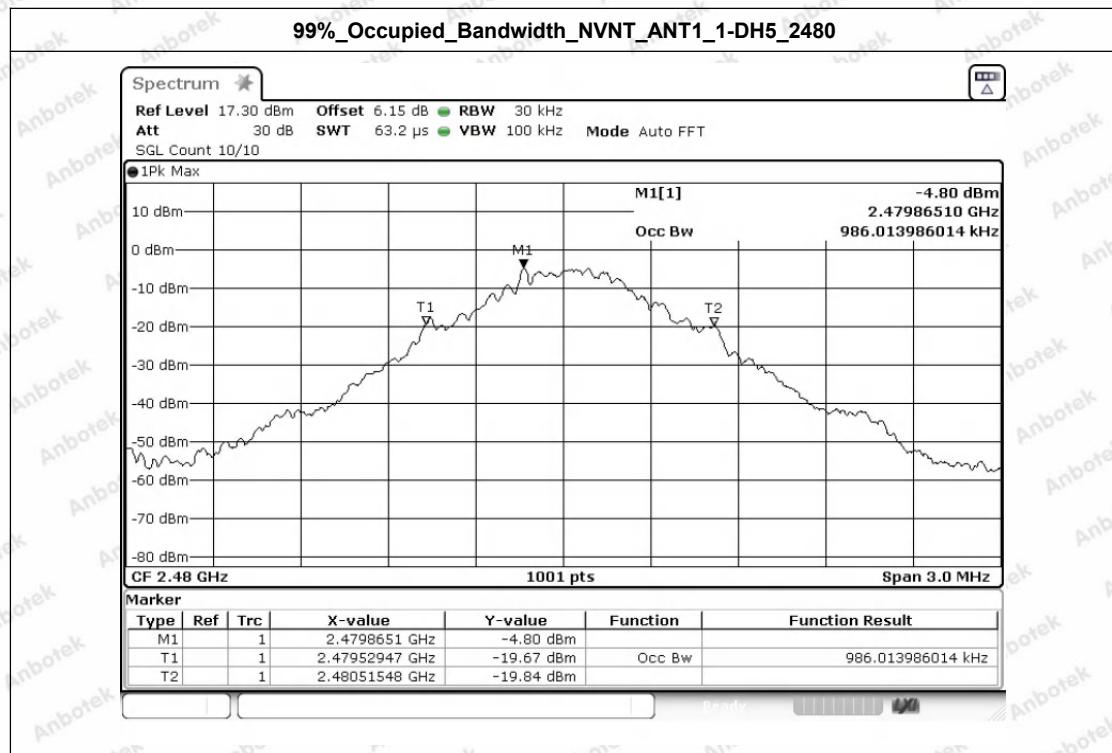


99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2441



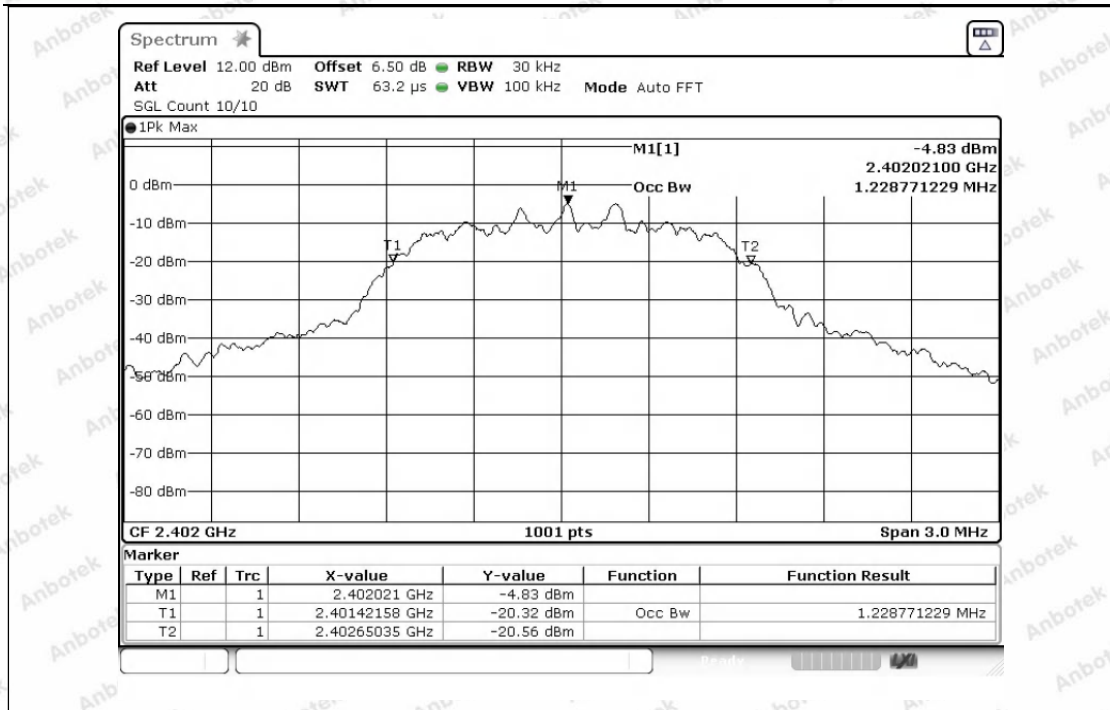


## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2480

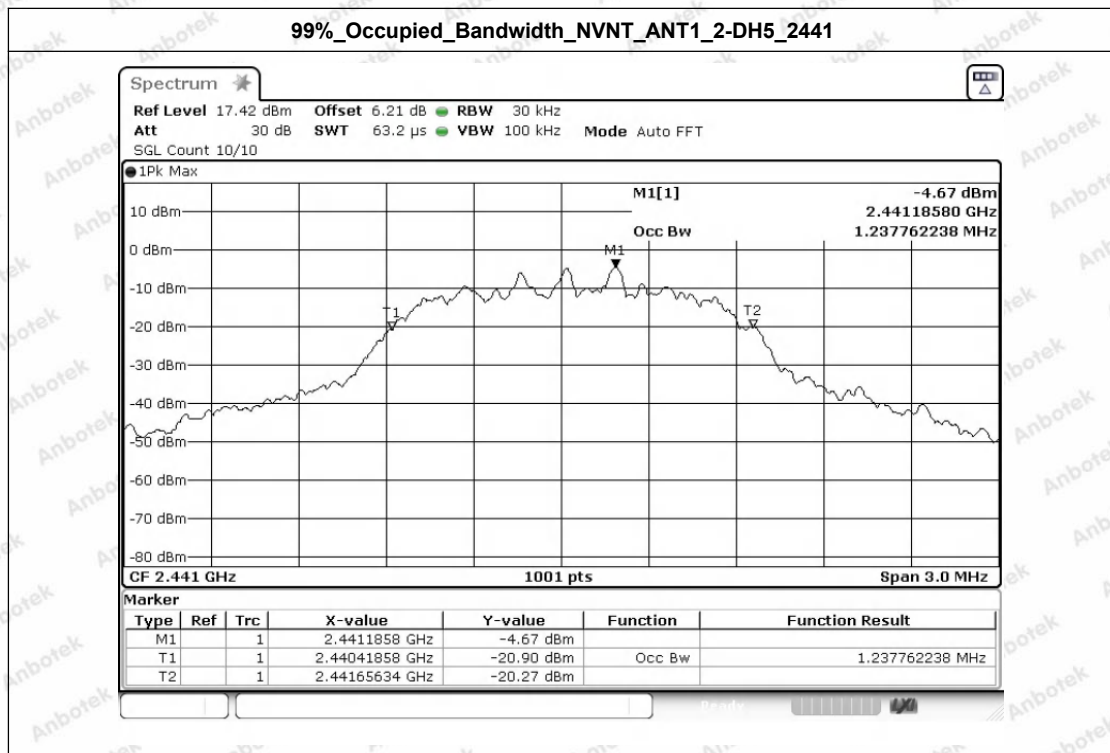


## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2402



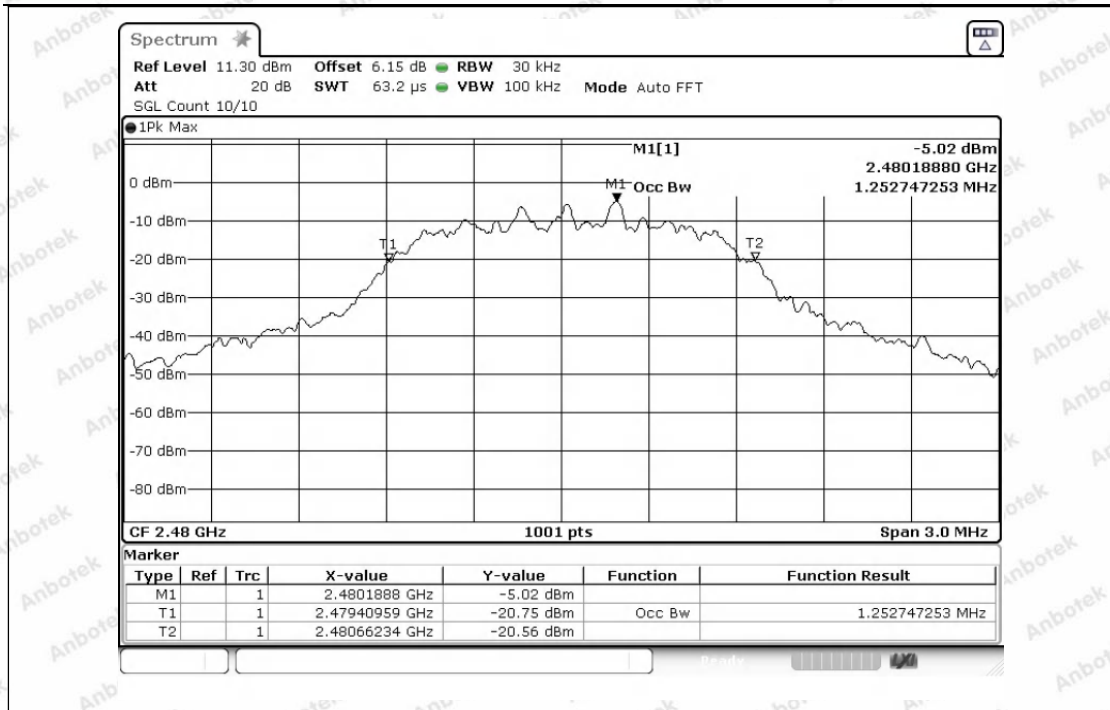


## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2441

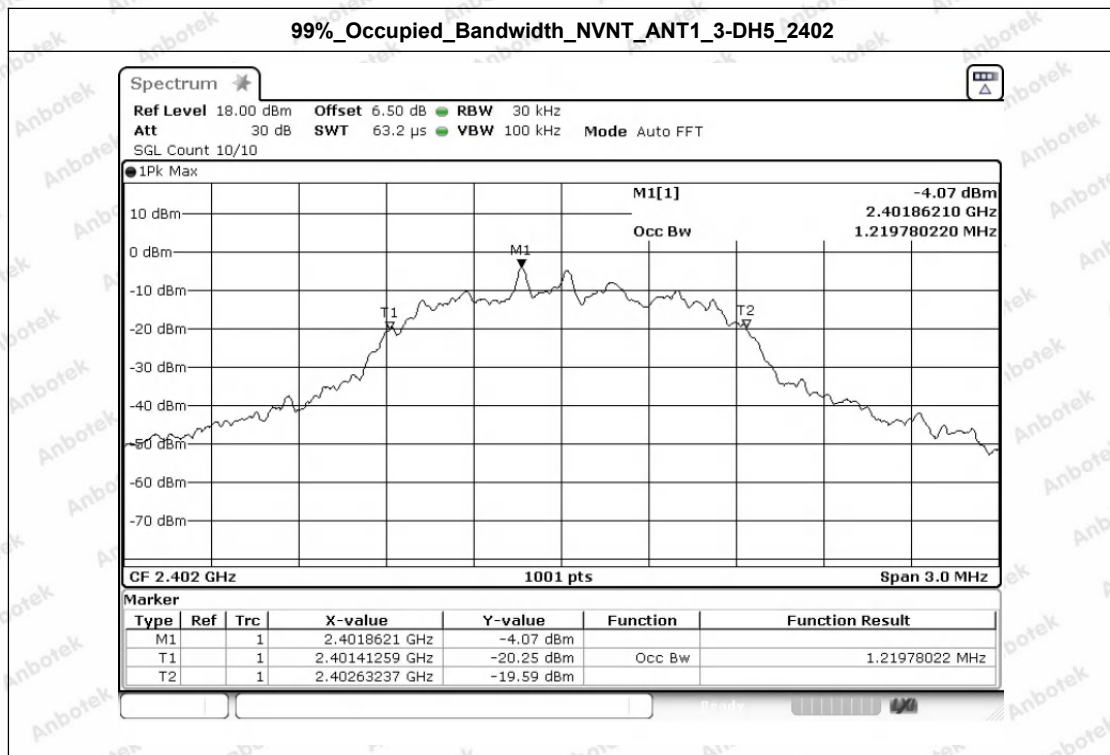


## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2480



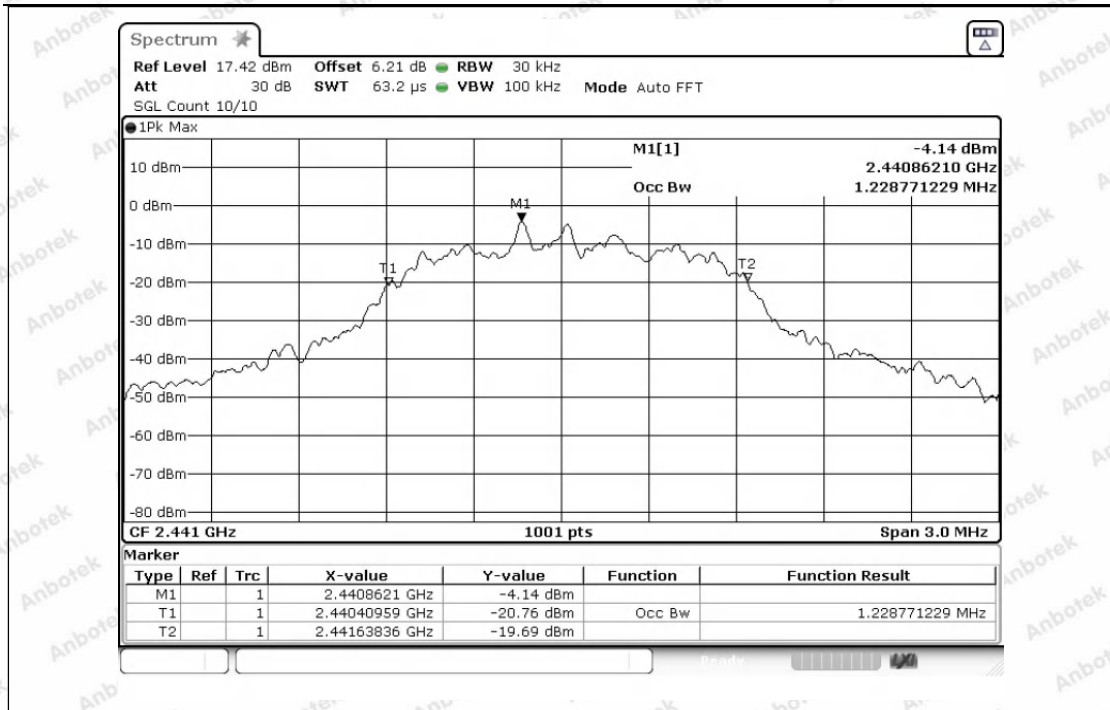


## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2402

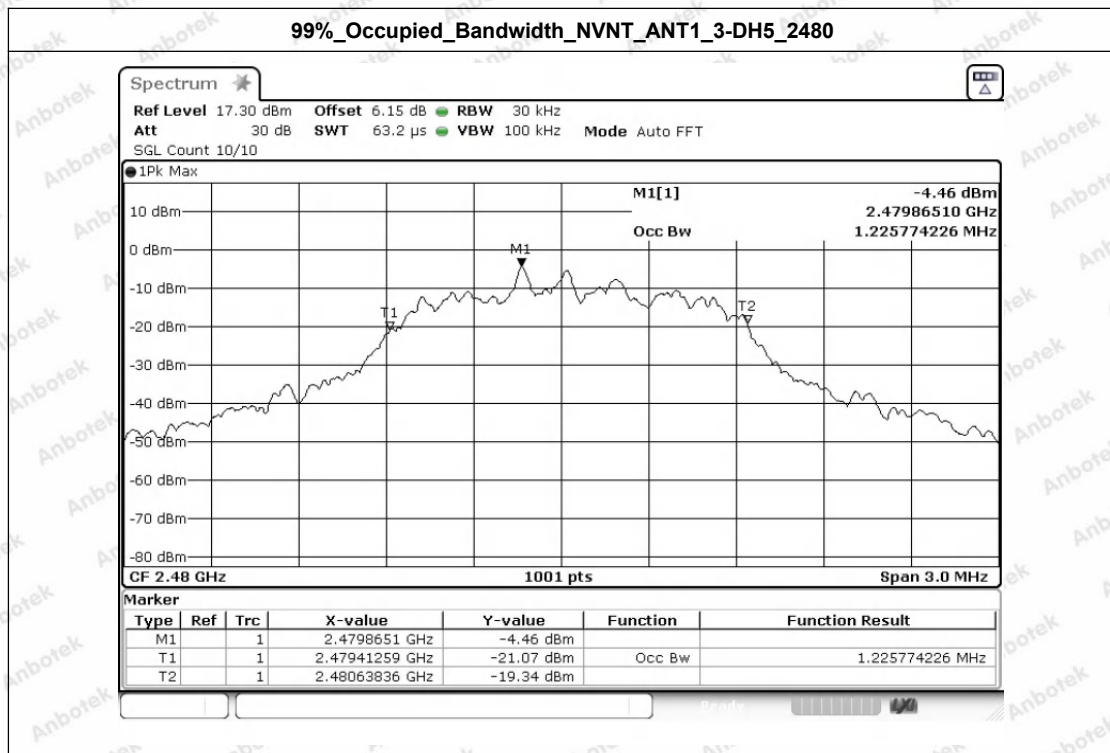


## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2441



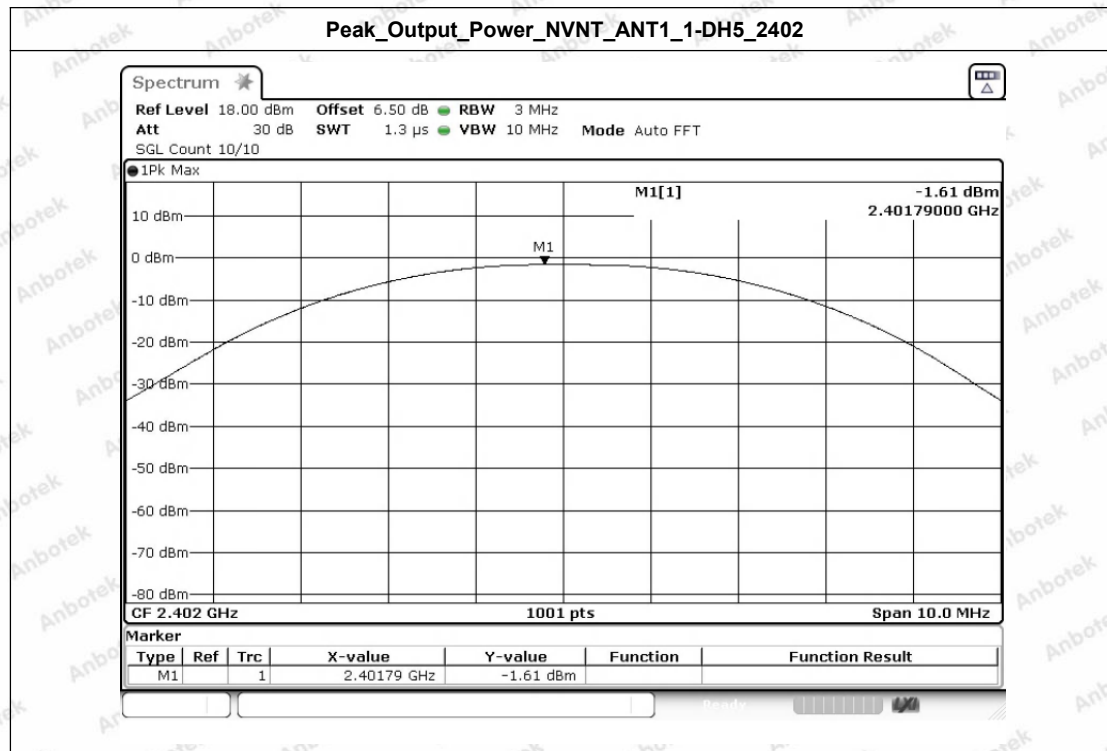


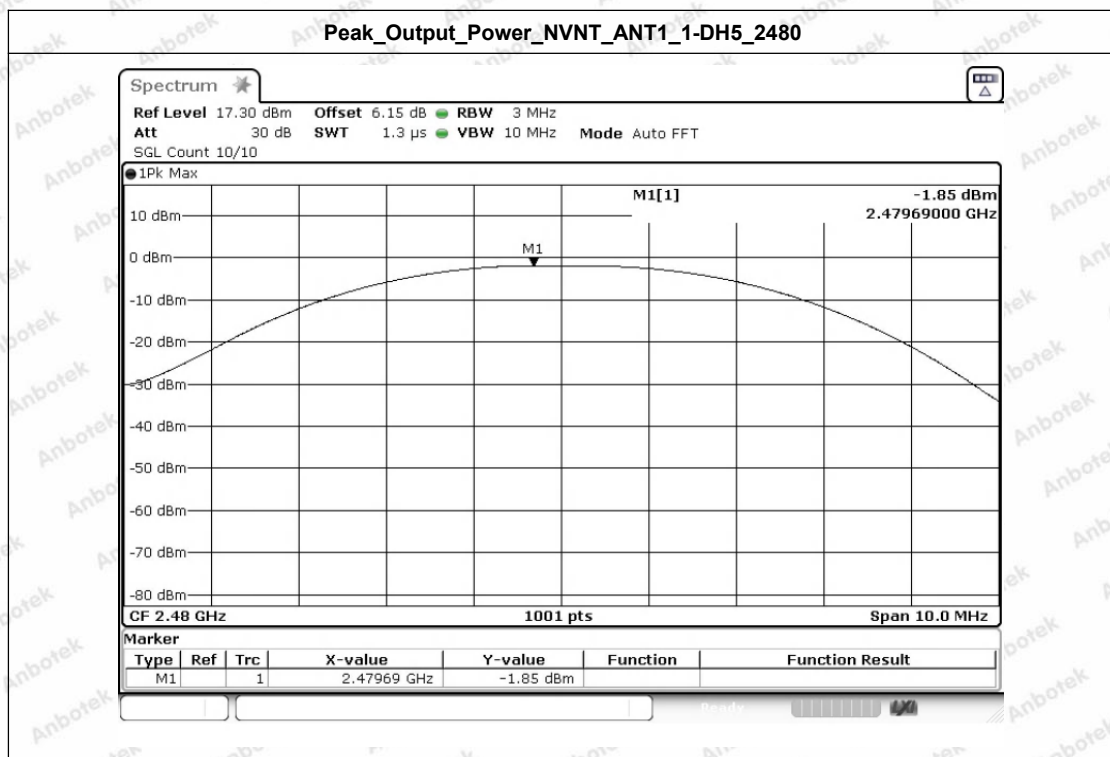
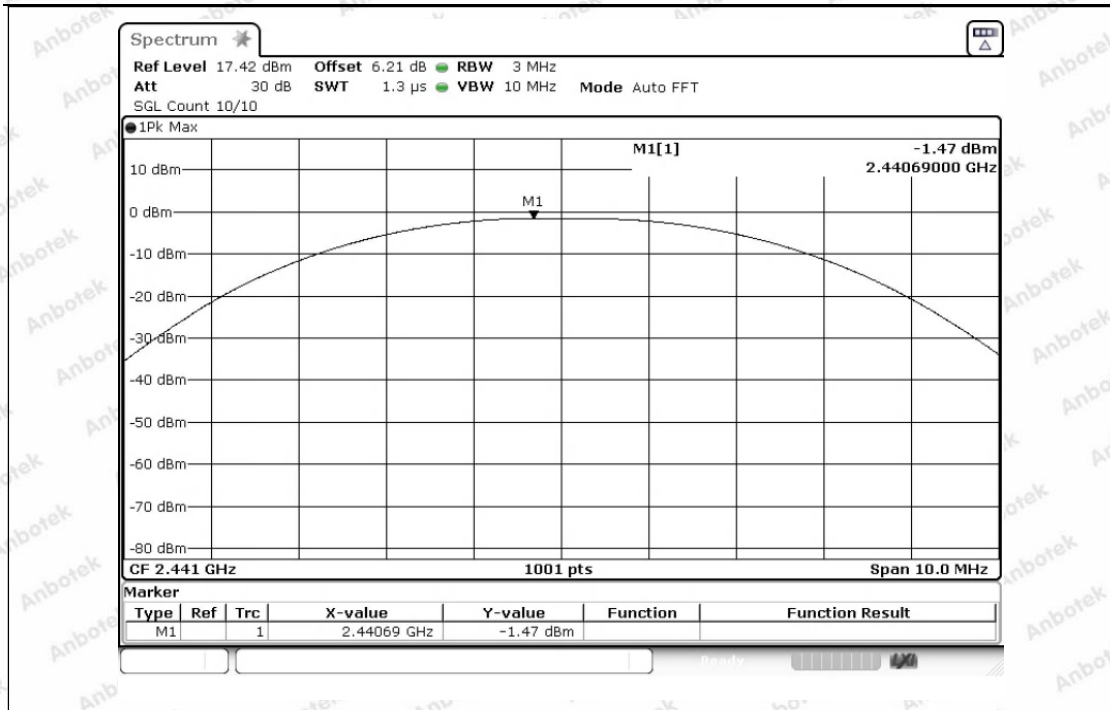
## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2480



**Appendix C: Peak Output Power**

| Condition | Antenna | Modulation | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|------------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1-DH5      | 2402.00         | -1.61                     | 0.69                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2441.00         | -1.47                     | 0.71                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2480.00         | -1.85                     | 0.65                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2402.00         | -0.81                     | 0.83                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2441.00         | -0.80                     | 0.83                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2480.00         | -1.08                     | 0.78                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2402.00         | -0.54                     | 0.88                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2441.00         | -0.62                     | 0.87                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2480.00         | -0.77                     | 0.84                     | 125       | Pass   |

**Peak\_Output\_Power\_NVNT\_ANT1\_1-DH5\_2402****Peak\_Output\_Power\_NVNT\_ANT1\_1-DH5\_2441**



Peak\_Output\_Power\_NVNT\_ANT1\_2-DH5\_2402

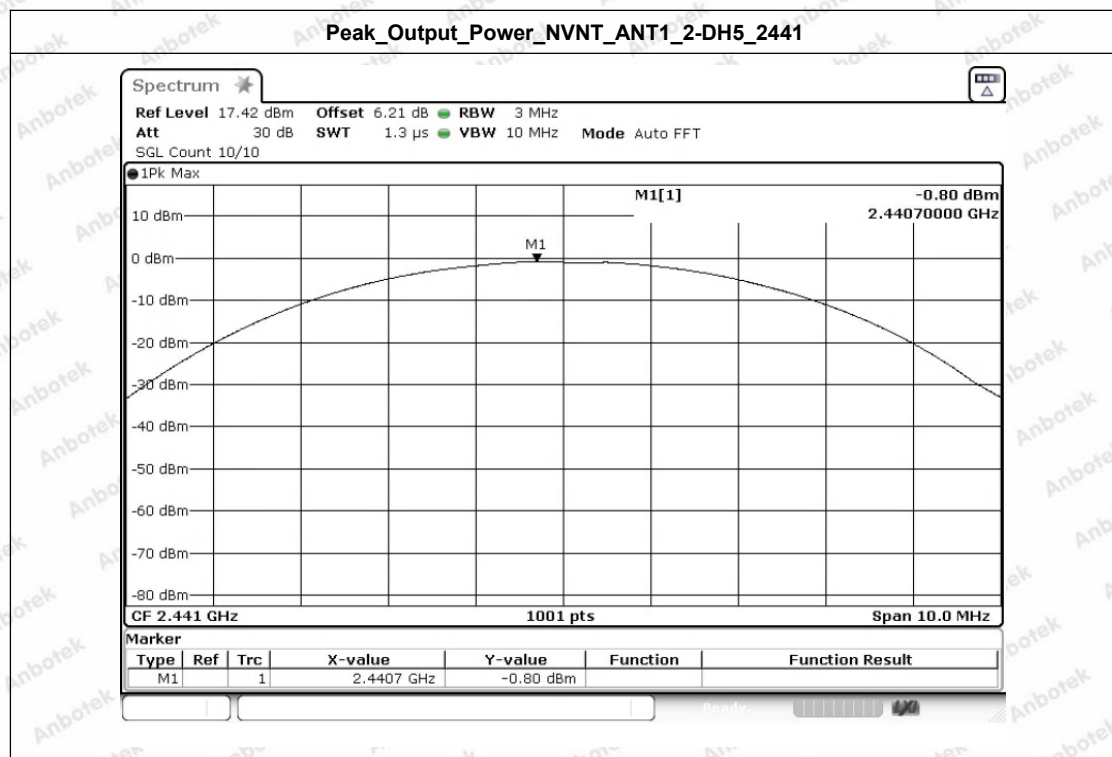
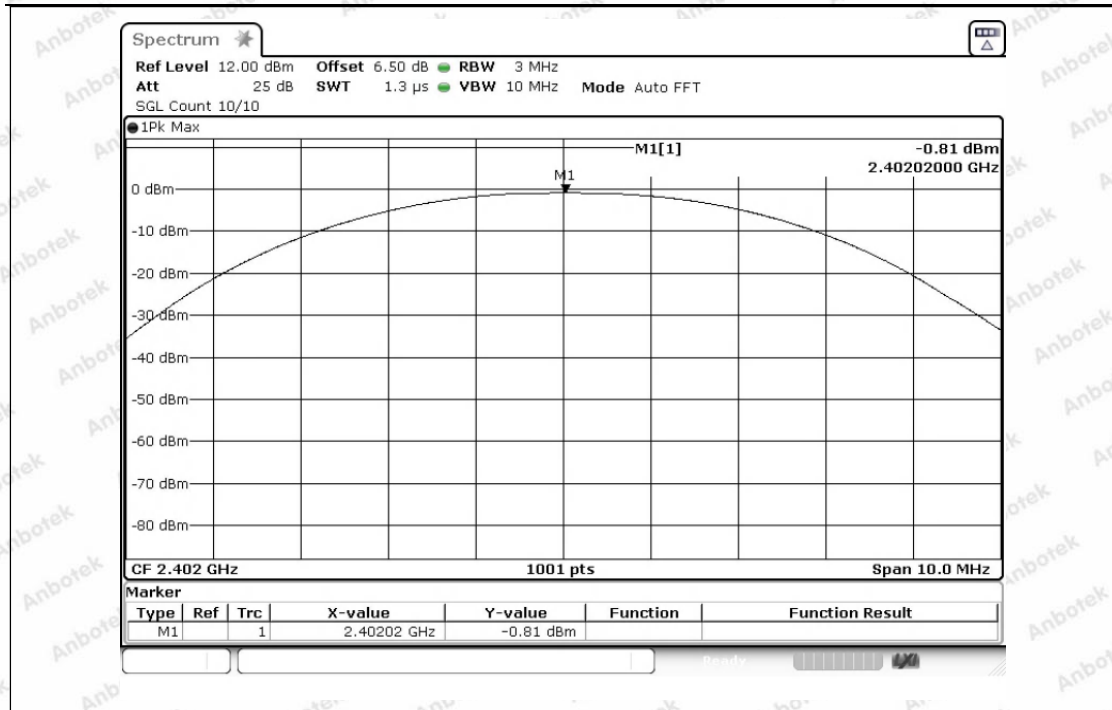
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Peak\_Output\_Power\_NVNT\_ANT1\_2-DH5\_2480

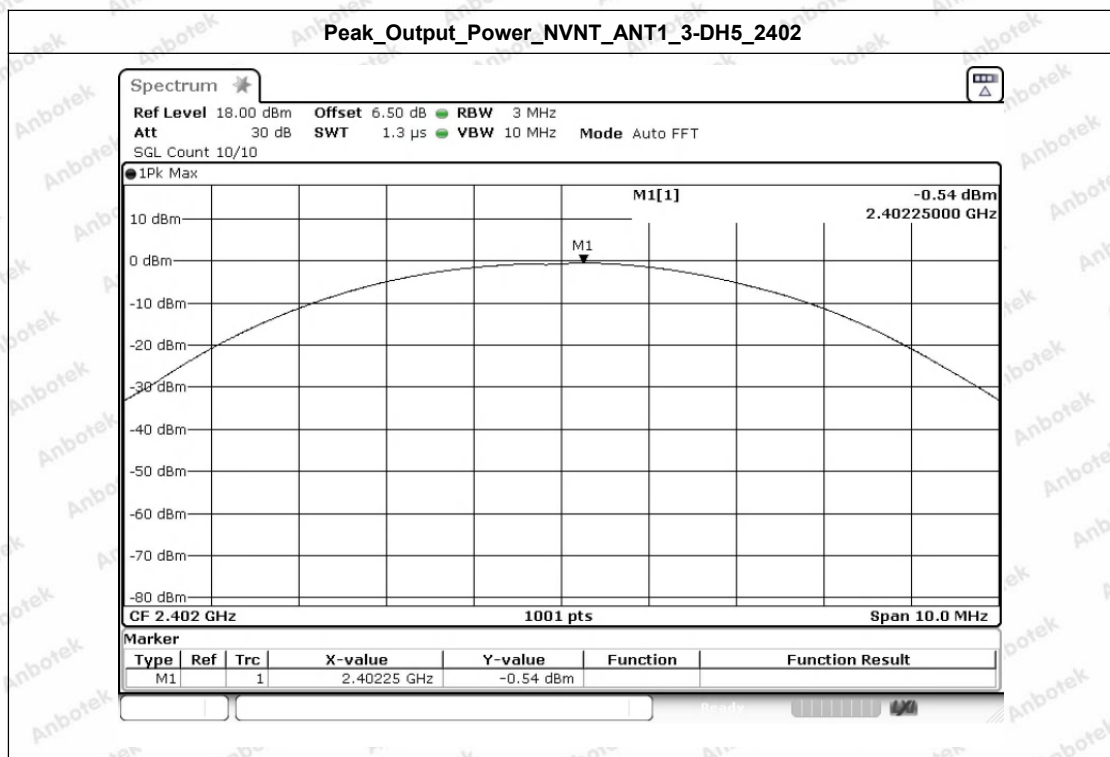
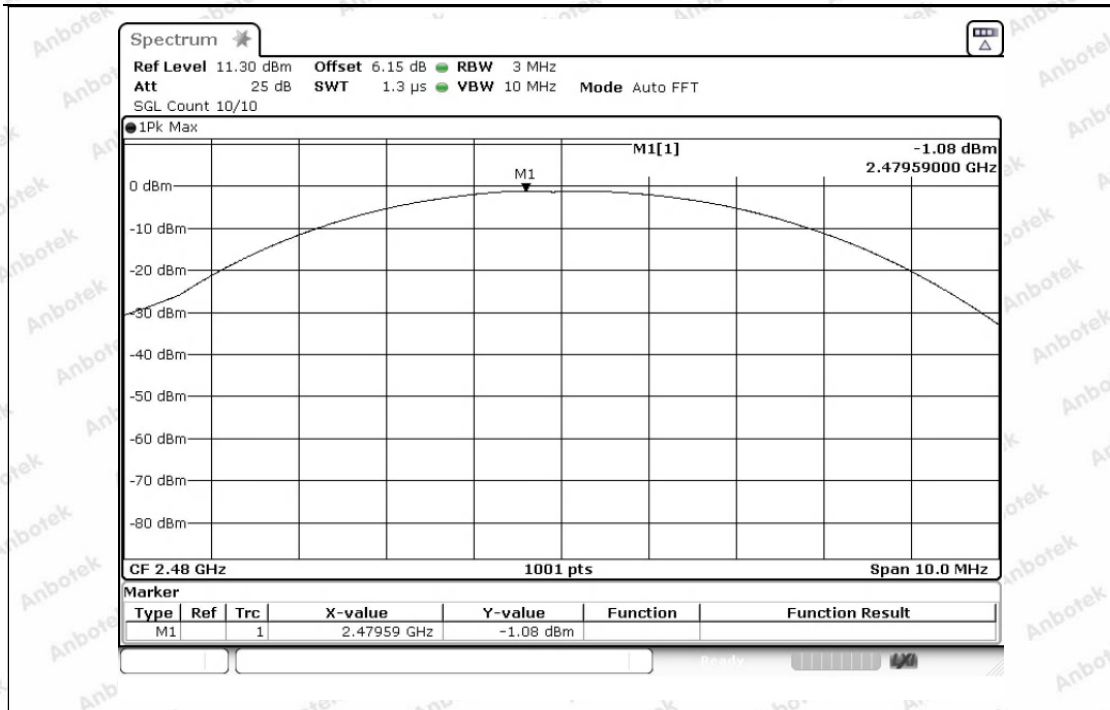
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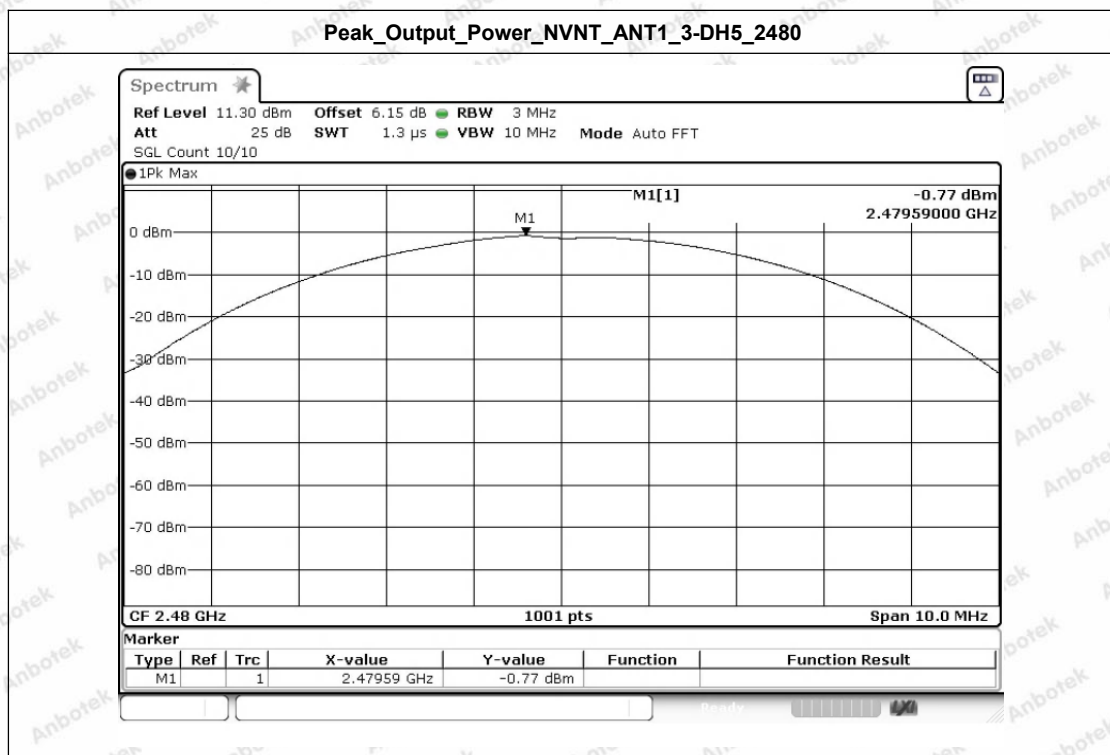
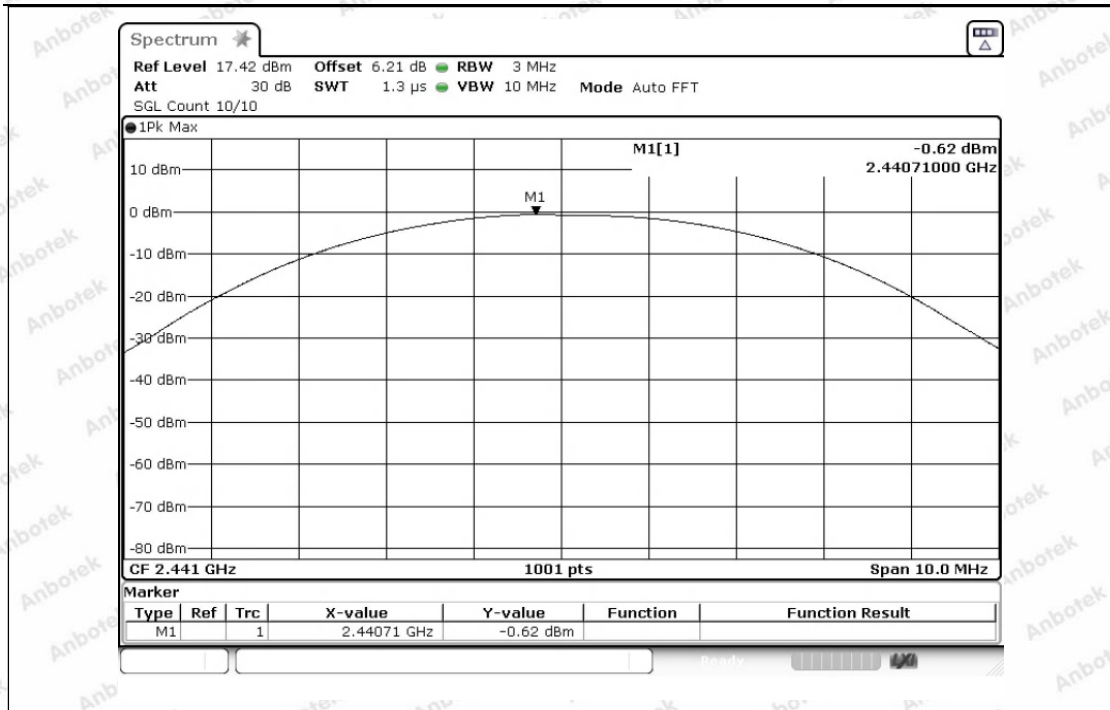
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Peak\_Output\_Power\_NVNT\_ANT1\_3-DH5\_2441

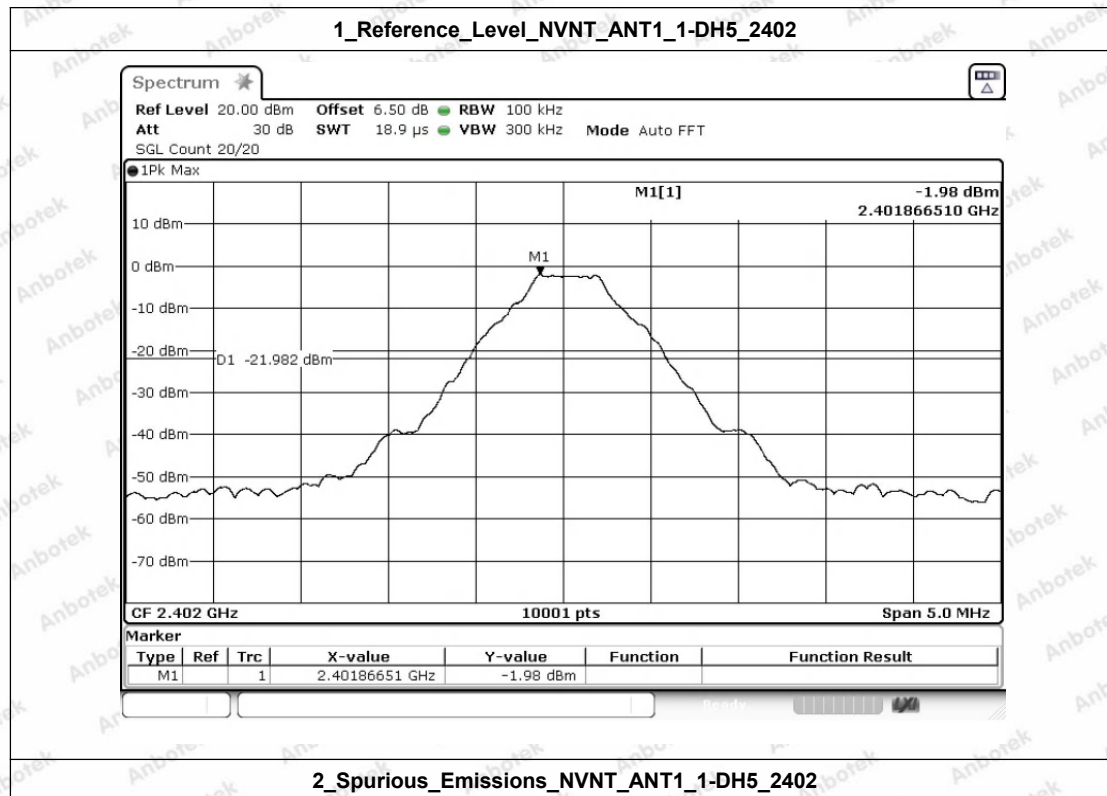




## Appendix D: Spurious Emissions

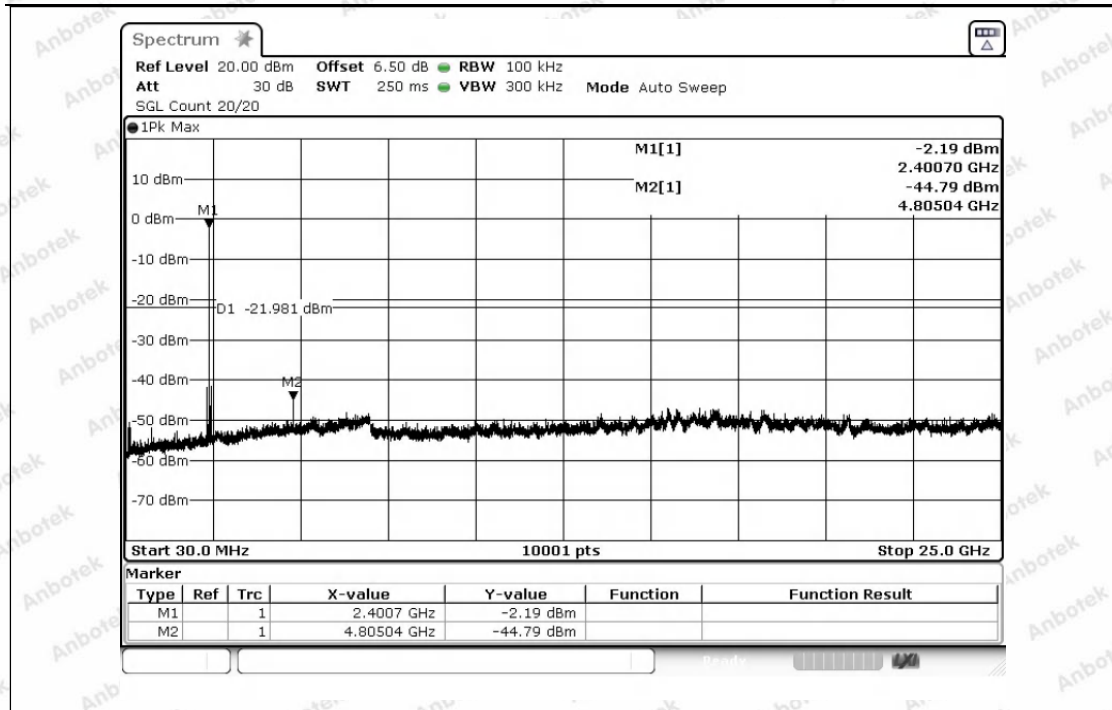
| Condition | Antenna | Modulation | TX Mode | Spurious<br>MAX.Value(dBm) | Limit   | Result |
|-----------|---------|------------|---------|----------------------------|---------|--------|
| NVNT      | ANT1    | 1-DH5      | 2402.00 | -44.790                    | -21.981 | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2441.00 | -46.532                    | -21.881 | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2480.00 | -45.340                    | -22.372 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2402.00 | -37.489                    | -21.885 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2441.00 | -46.852                    | -22.002 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2480.00 | -45.334                    | -22.349 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2402.00 | -32.223                    | -21.933 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2441.00 | -46.810                    | -21.935 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2480.00 | -40.468                    | -22.278 | Pass   |

1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2402

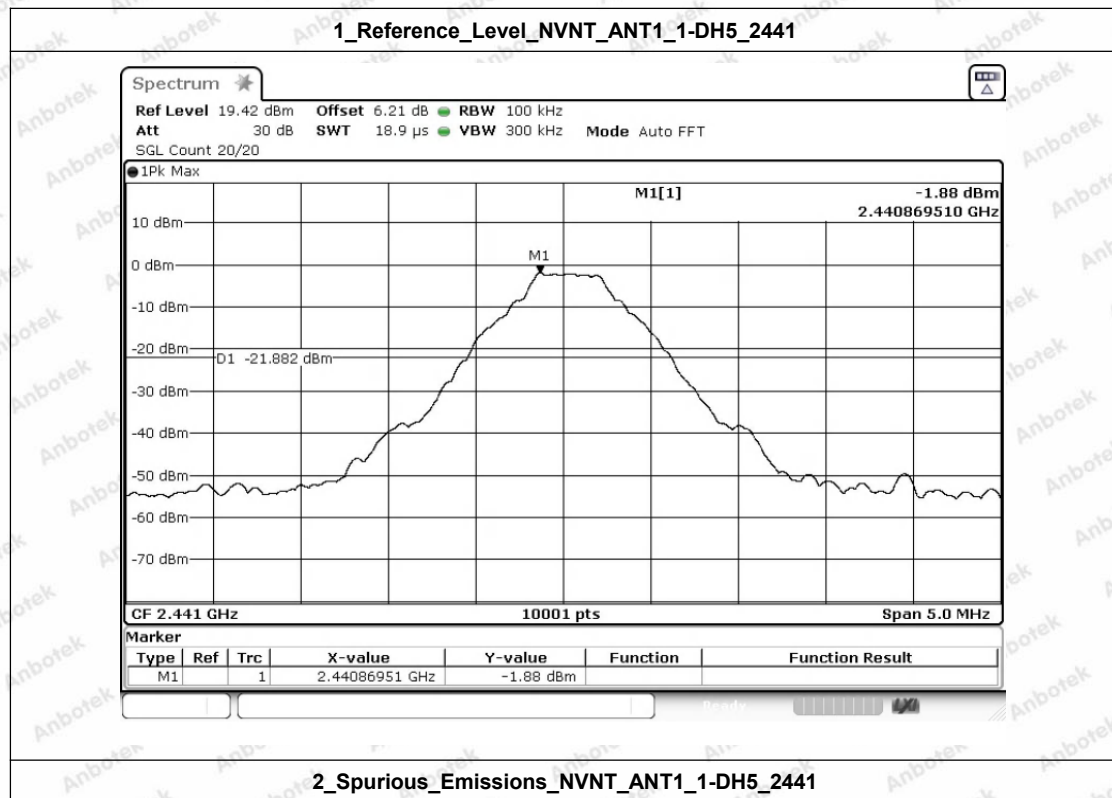


2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH5\_2402



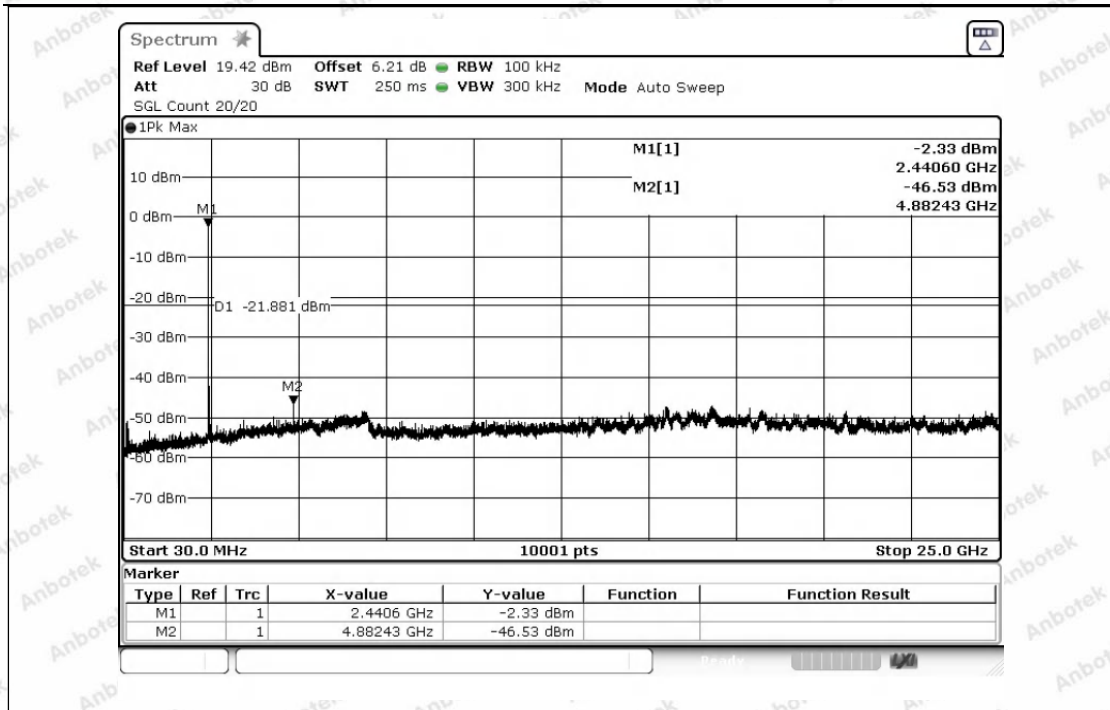


## 1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2441

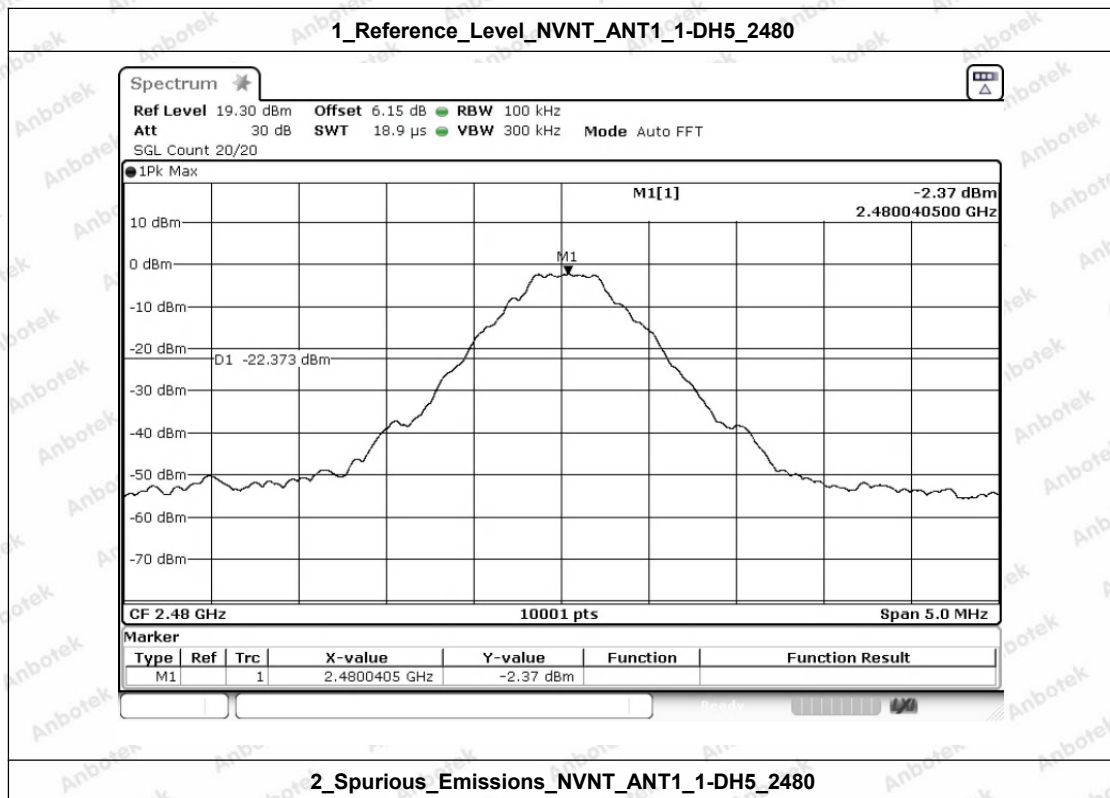


## 2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH5\_2441





## 1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2480



## 2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH5\_2480

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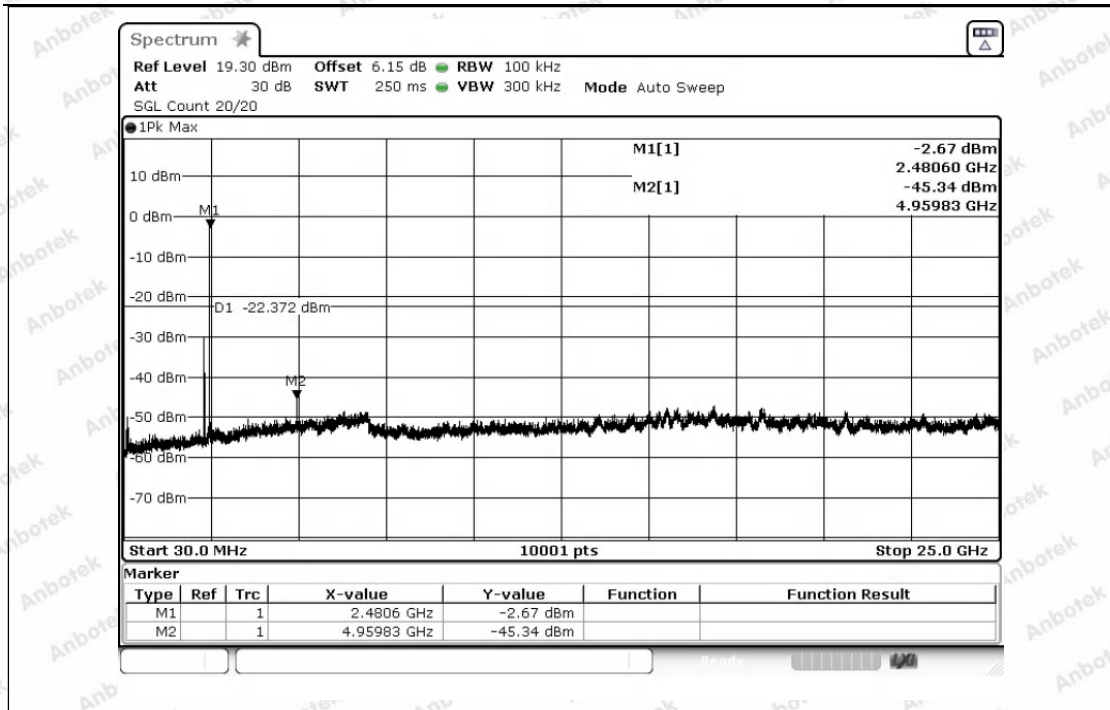
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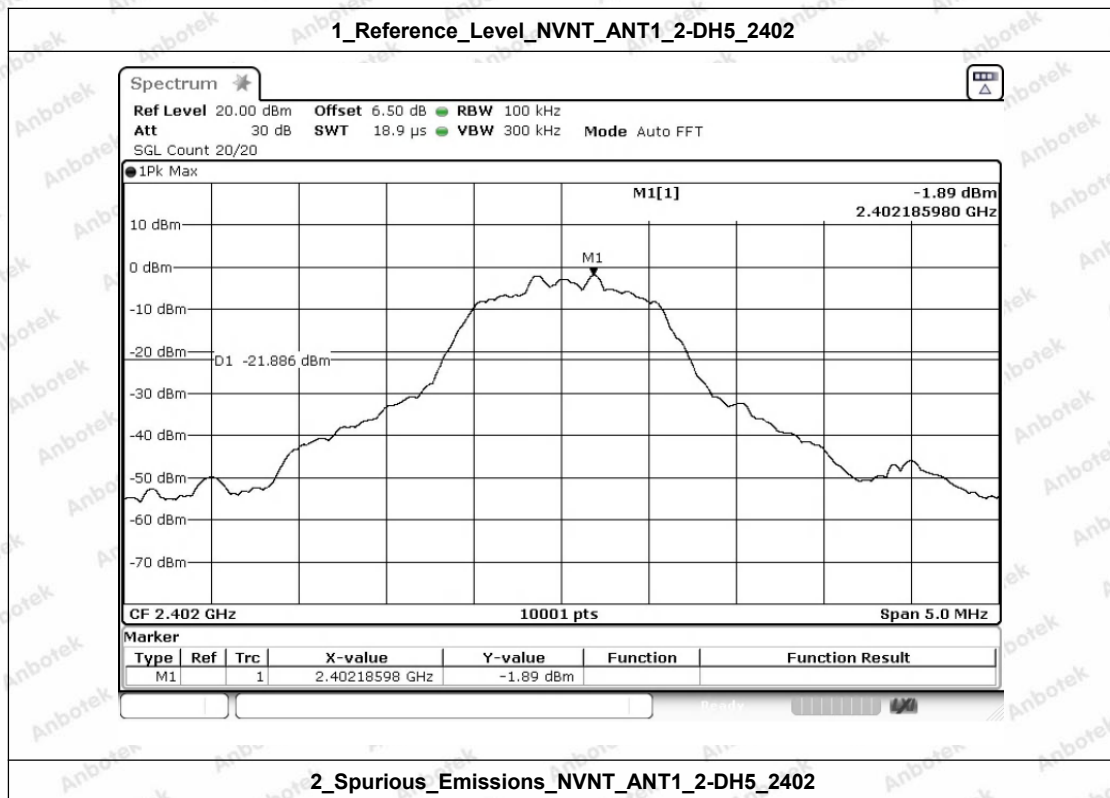
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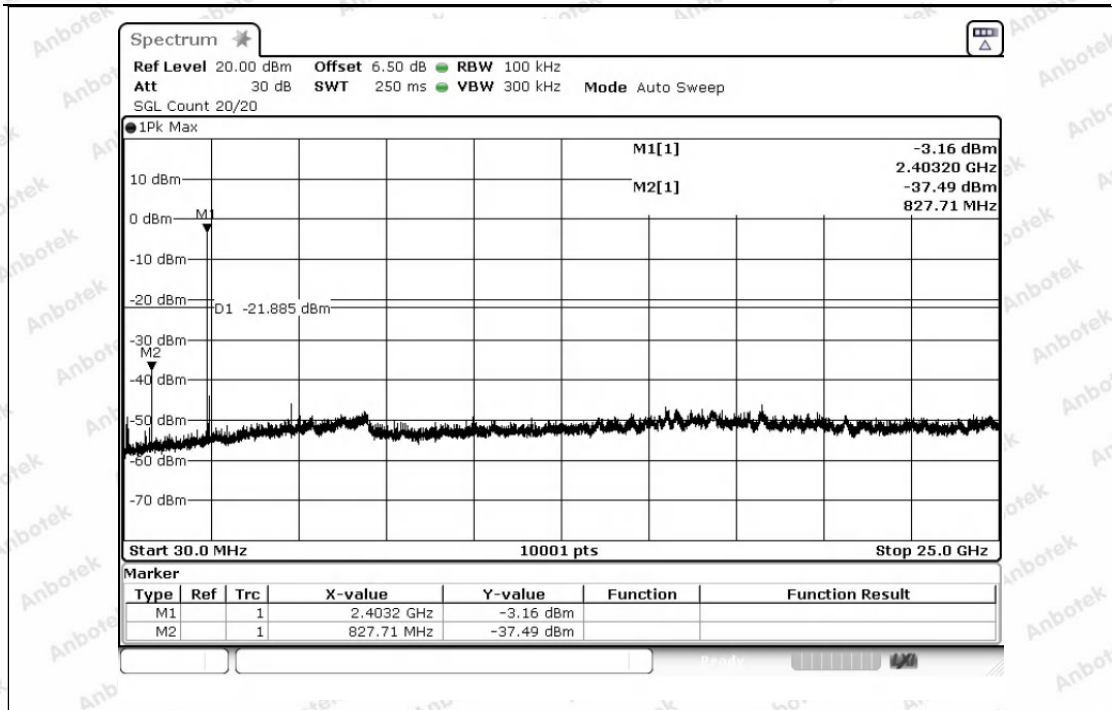


## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2402

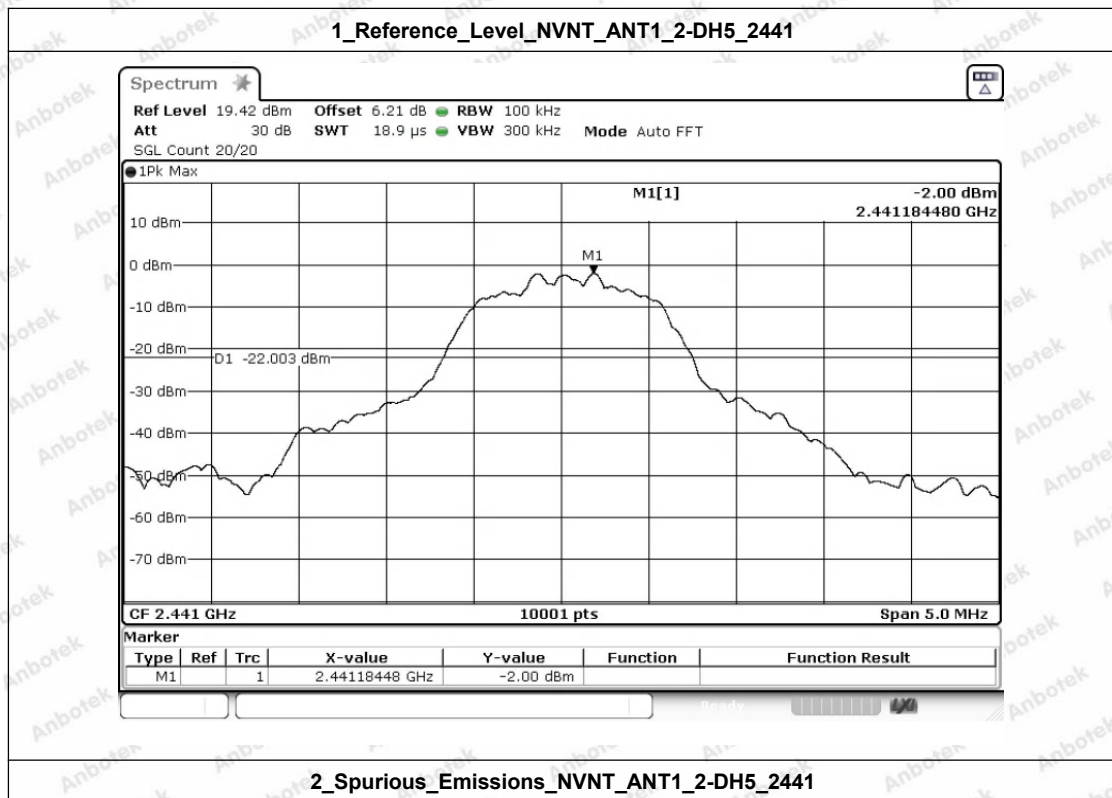


## 2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH5\_2402



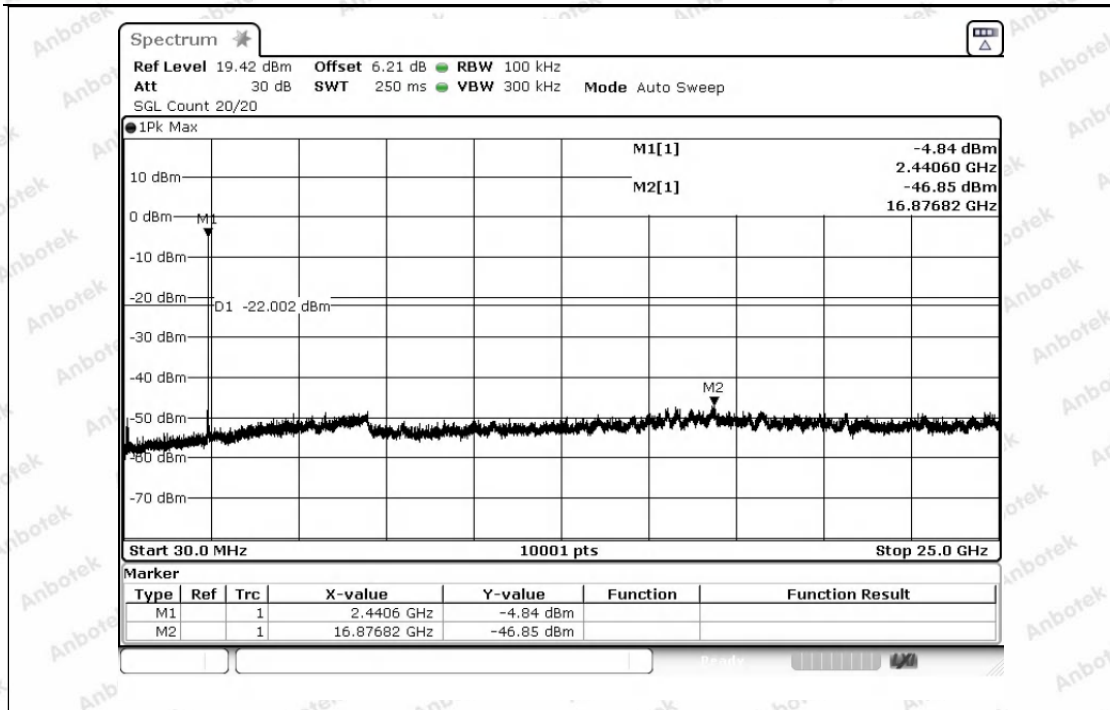


## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2441

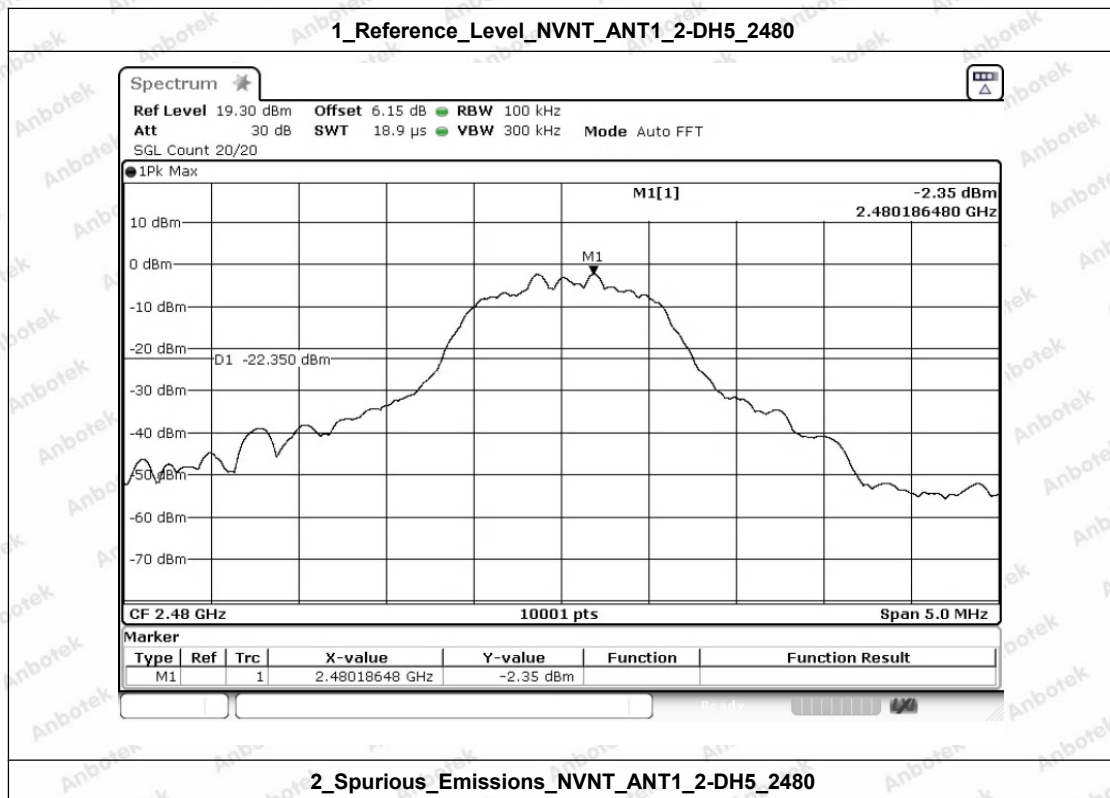


## 2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH5\_2441





## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2480



## 2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH5\_2480

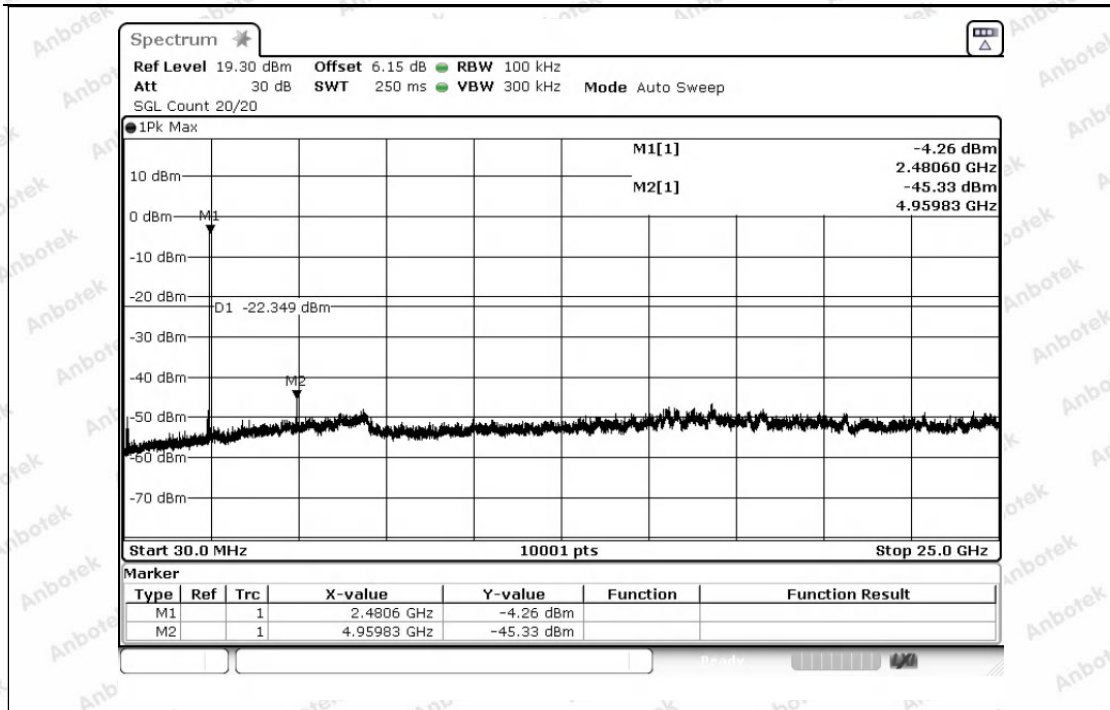
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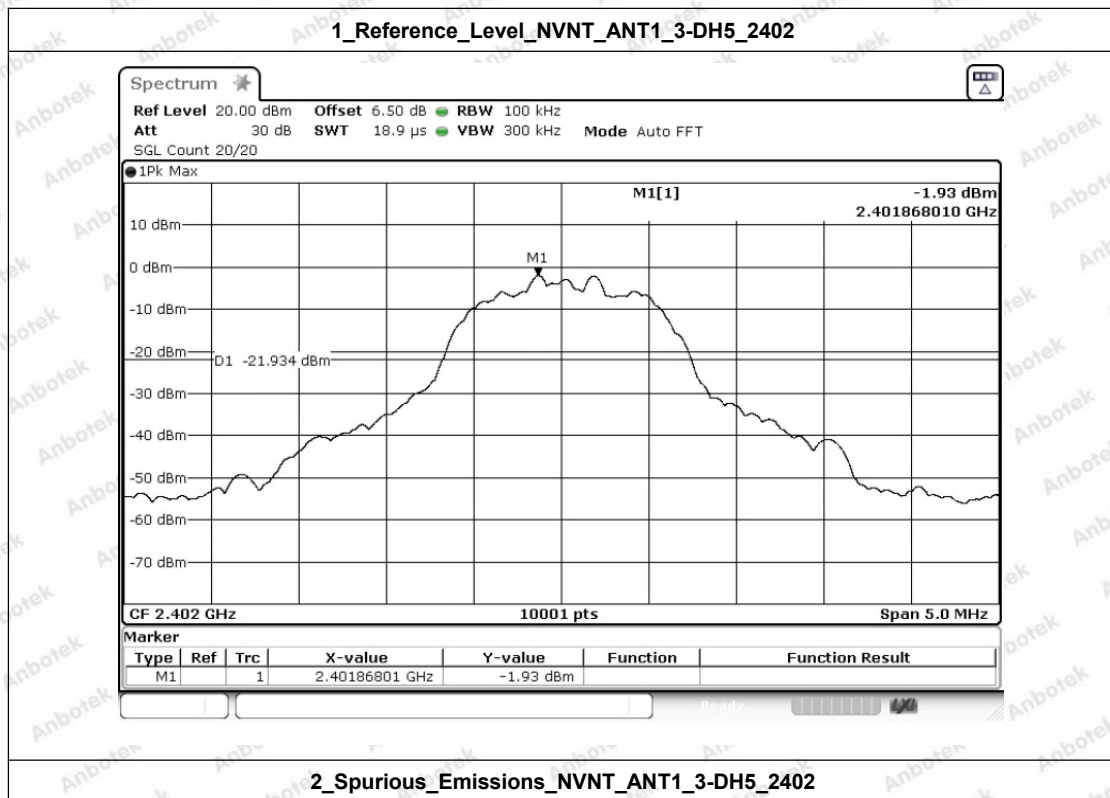


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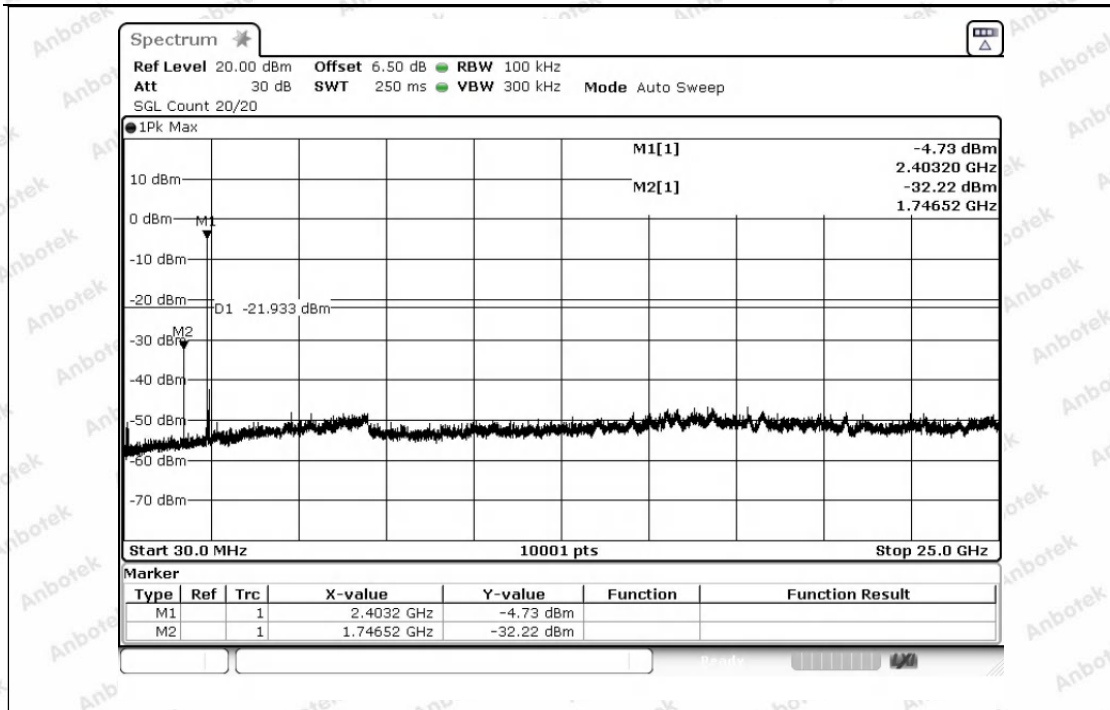


## 1\_Reference\_Level\_NVNT\_ANT1\_3-DH5\_2402

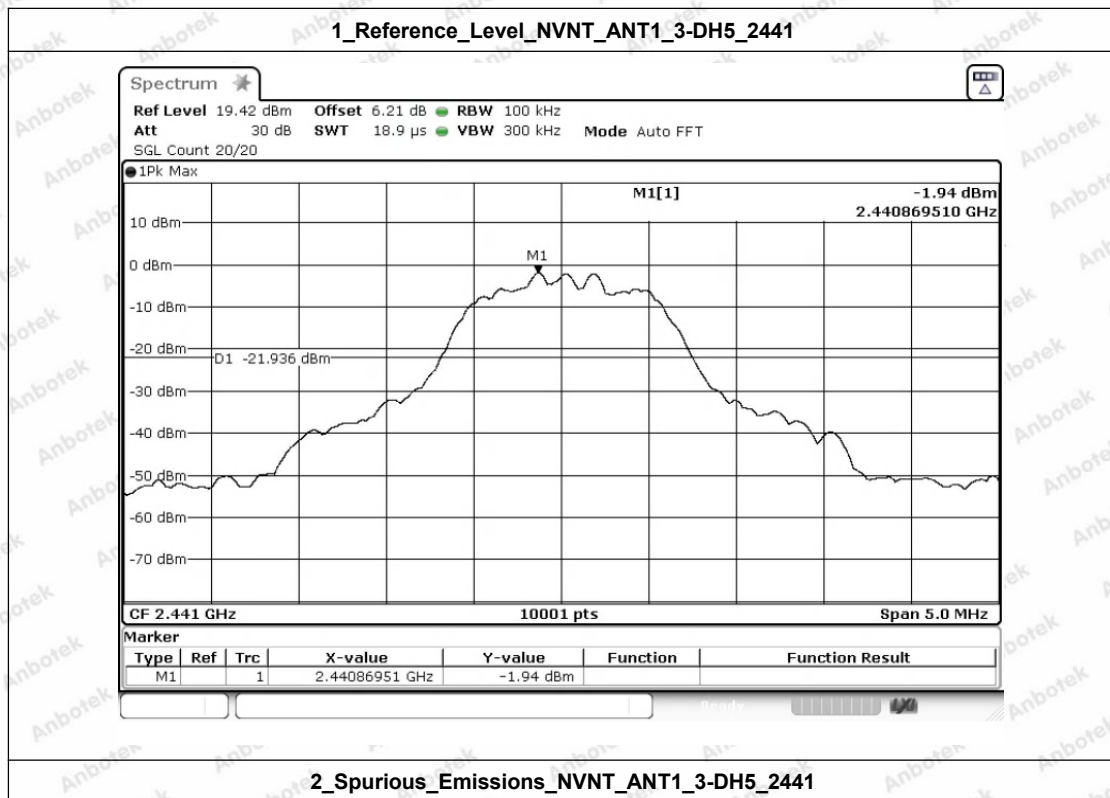


## 2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH5\_2402





## 1\_Reference\_Level\_NVNT\_ANT1\_3-DH5\_2441



## 2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH5\_2441

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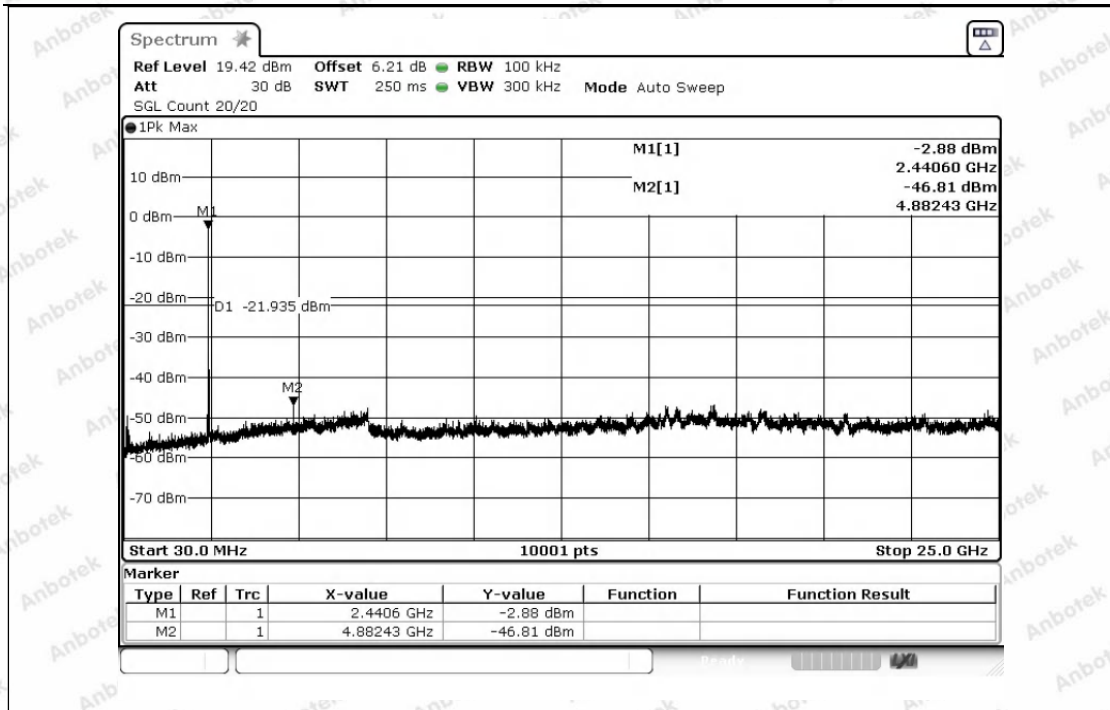
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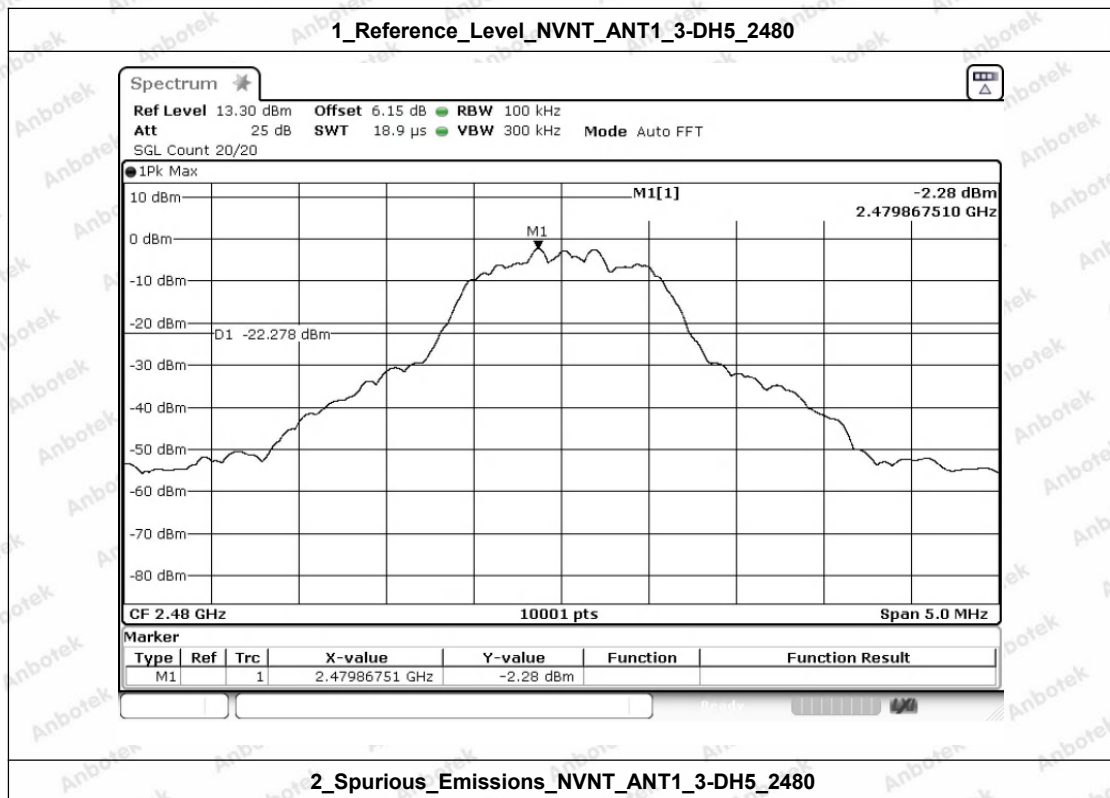
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## 1\_Reference\_Level\_NVNT\_ANT1\_3-DH5\_2480



## 2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH5\_2480

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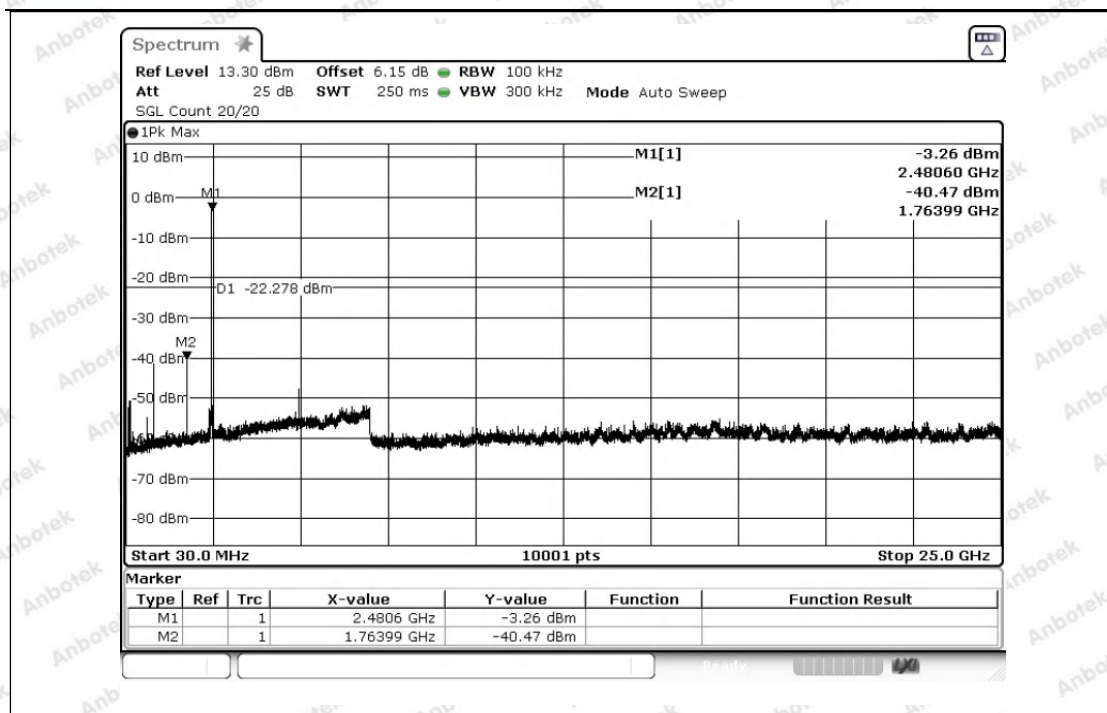
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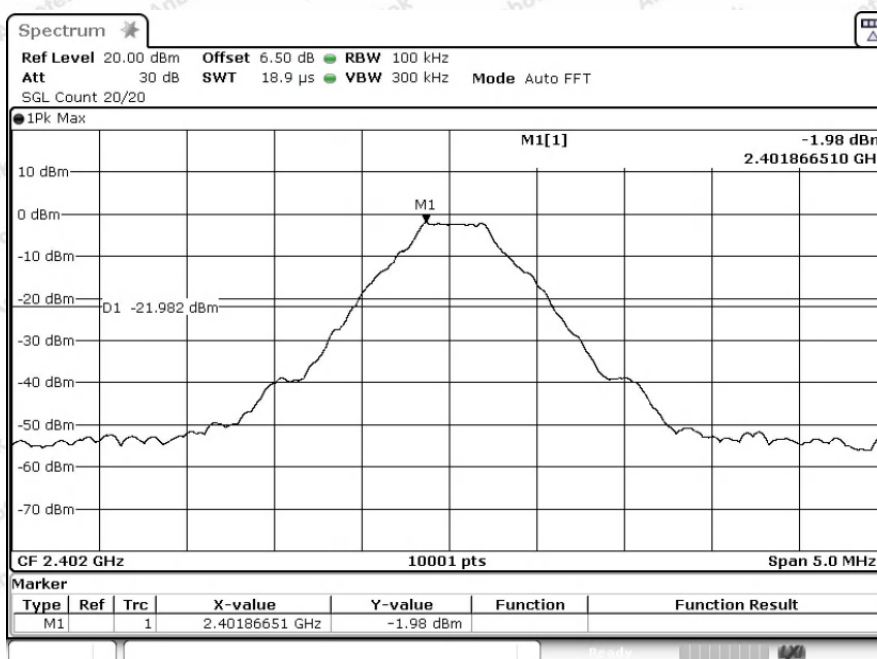
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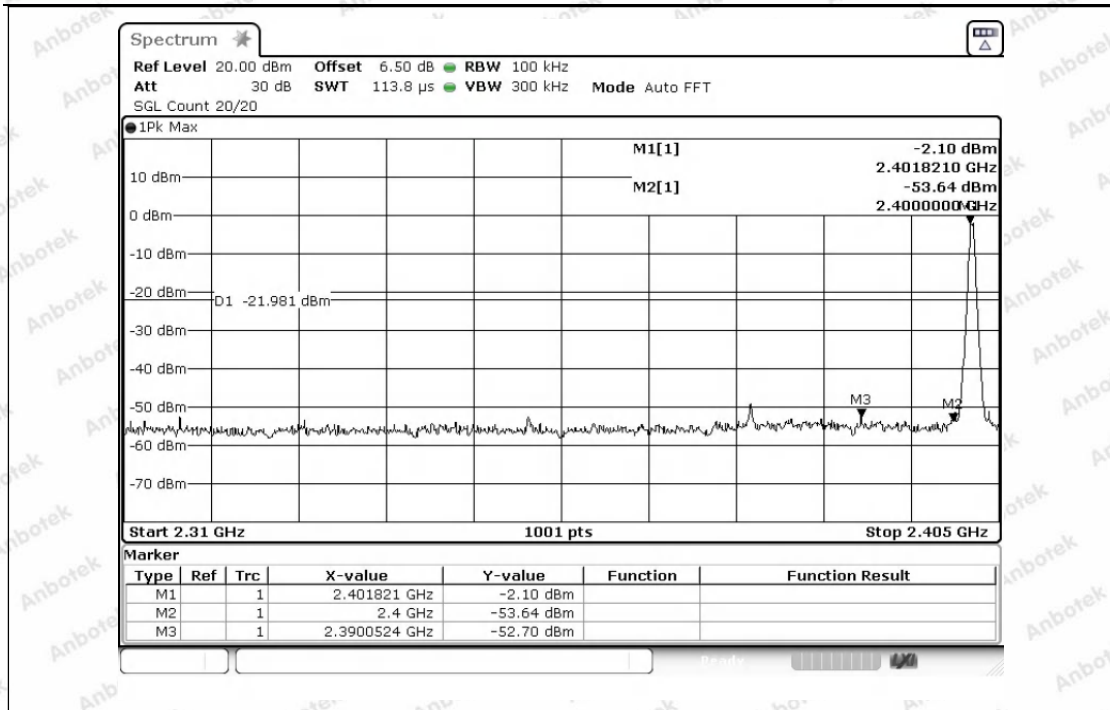
400-003-0500  
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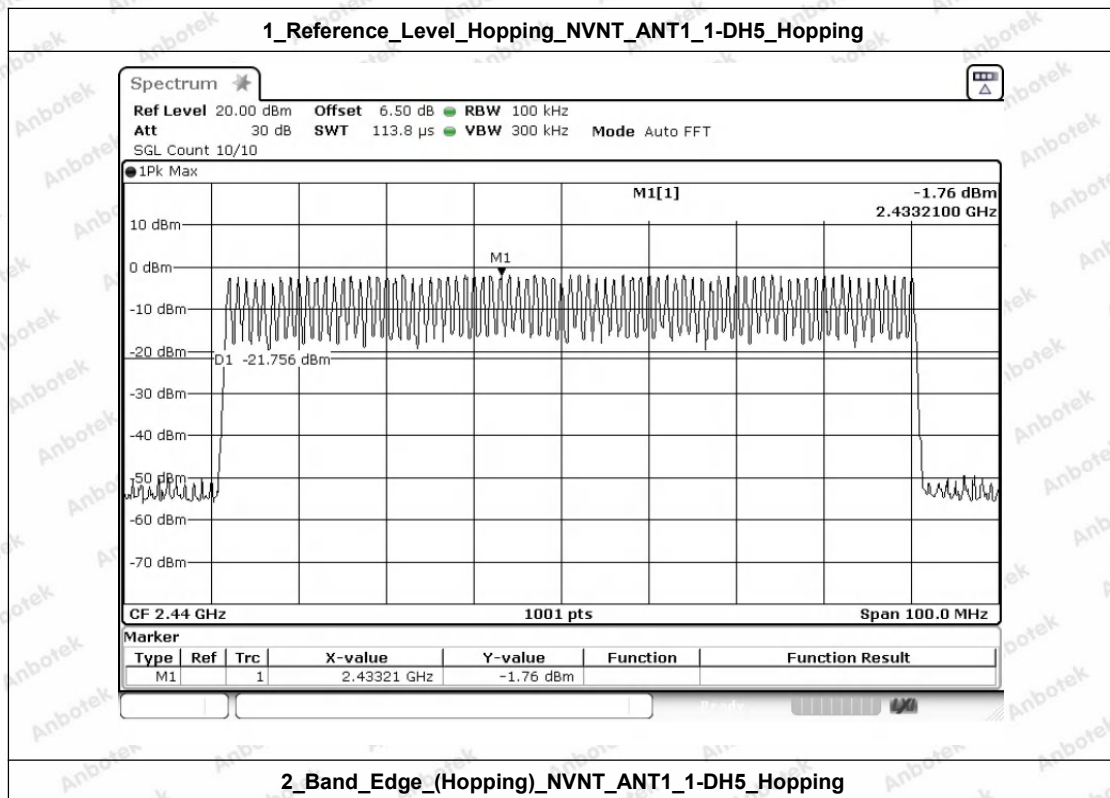
**Appendix E: Bandedge**

| Condition | Antenna | Modulation | TX Mode     | Bandedge MAX.Value | Limit   | Result |
|-----------|---------|------------|-------------|--------------------|---------|--------|
| NVNT      | ANT1    | 1-DH5      | 2402.00     | -52.699            | -21.981 | Pass   |
| NVNT      | ANT1    | 1-DH5      | Hopping_LCH | -49.848            | -21.755 | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2480.00     | -53.046            | -22.372 | Pass   |
| NVNT      | ANT1    | 1-DH5      | Hopping_HCH | -49.958            | -22.024 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2402.00     | -52.273            | -21.885 | Pass   |
| NVNT      | ANT1    | 2-DH5      | Hopping_LCH | -52.533            | -21.625 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2480.00     | -52.155            | -22.349 | Pass   |
| NVNT      | ANT1    | 2-DH5      | Hopping_HCH | -51.053            | -21.863 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2402.00     | -51.607            | -21.933 | Pass   |
| NVNT      | ANT1    | 3-DH5      | Hopping_LCH | -52.929            | -22.000 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2480.00     | -54.693            | -22.278 | Pass   |
| NVNT      | ANT1    | 3-DH5      | Hopping_HCH | -51.383            | -22.210 | Pass   |

**1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2402****2\_Bandedge\_NVNT\_ANT1\_1-DH5\_2402**

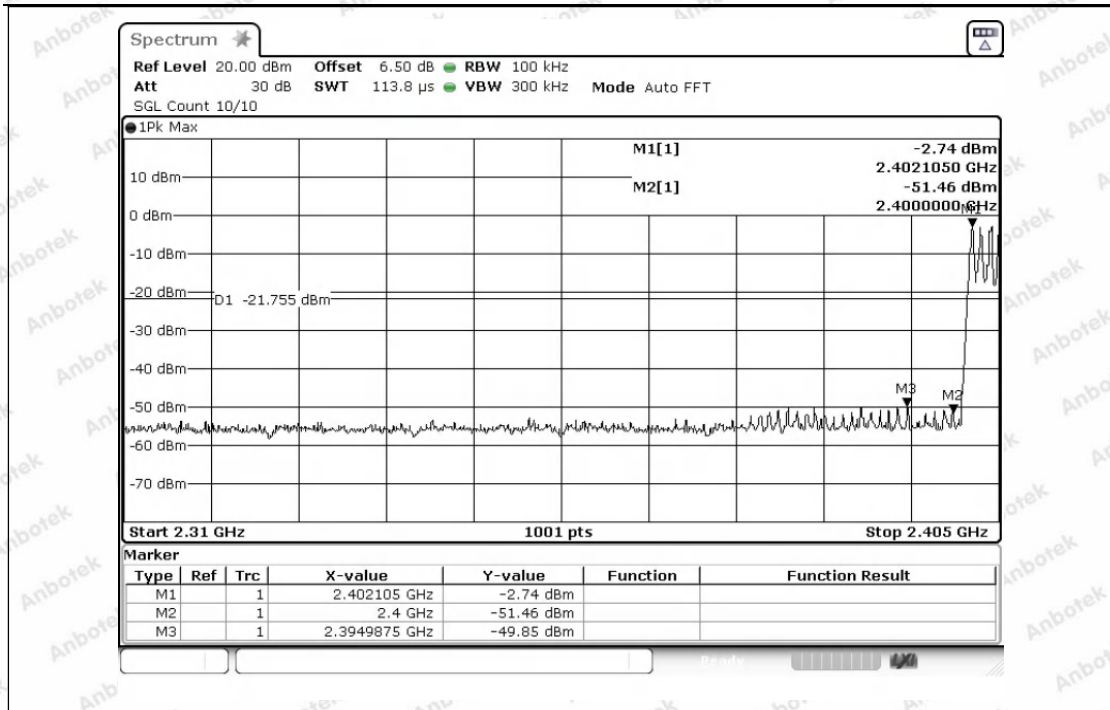


## 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH5\_Hopping

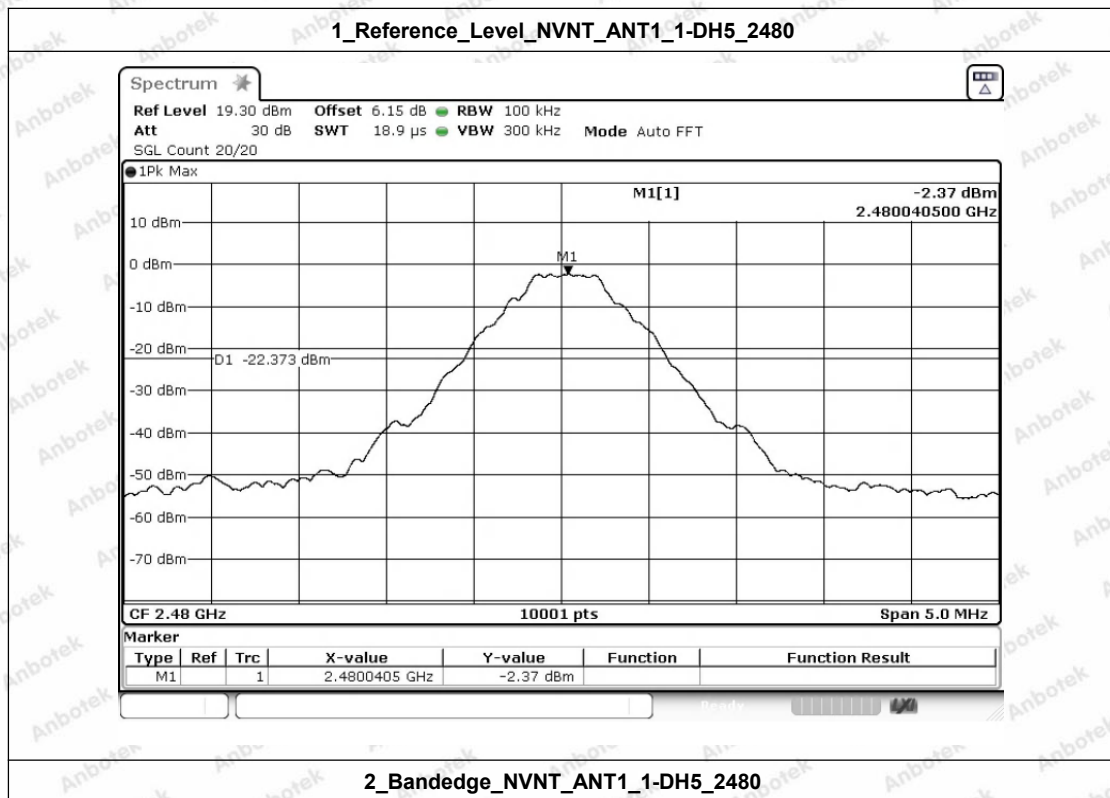


## 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH5\_Hopping



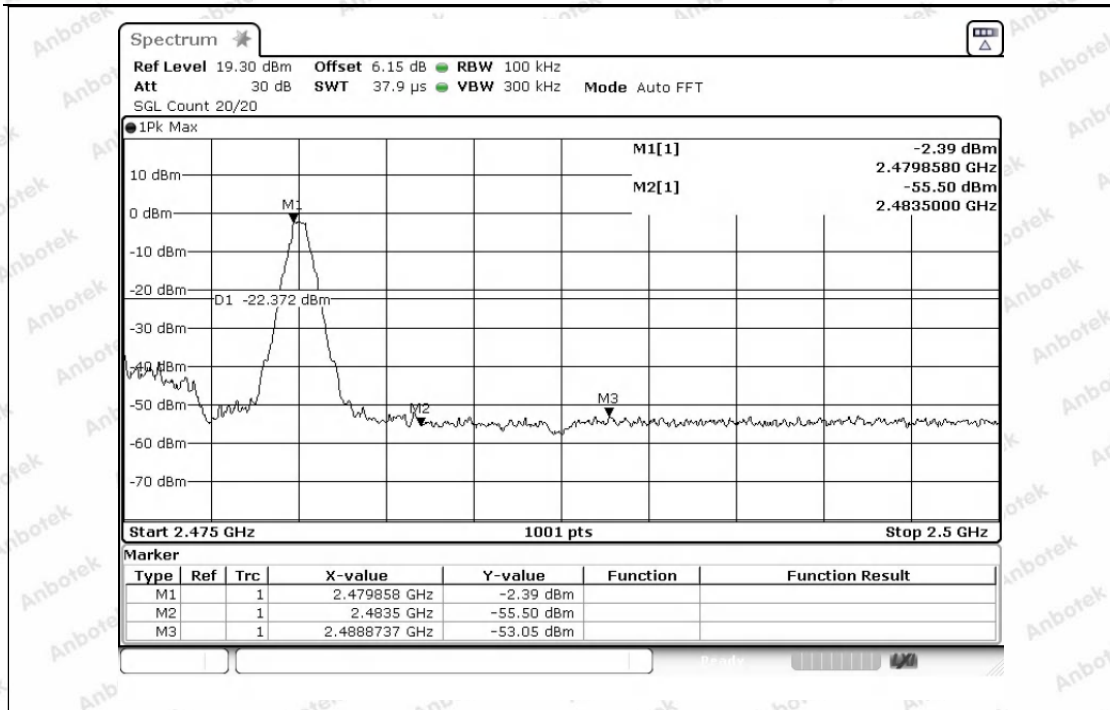


## 1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2480

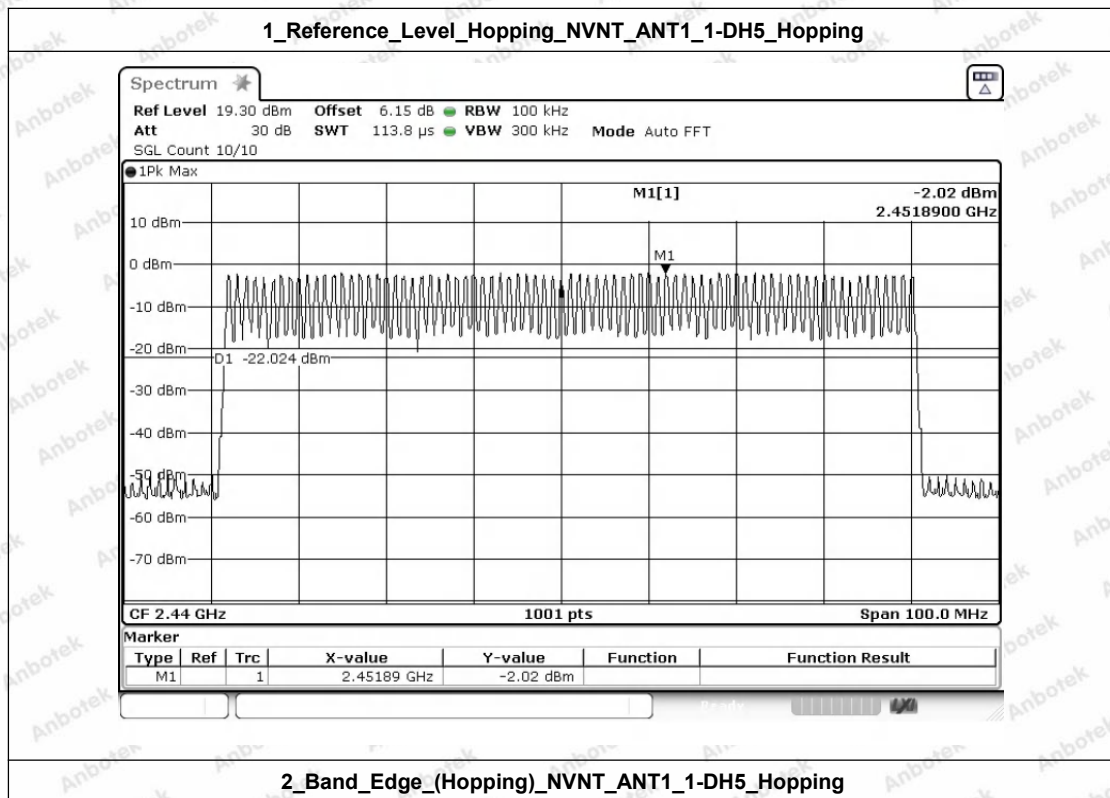


## 2\_Bandedge\_NVNT\_ANT1\_1-DH5\_2480





### 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH5\_Hopping



### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH5\_Hopping

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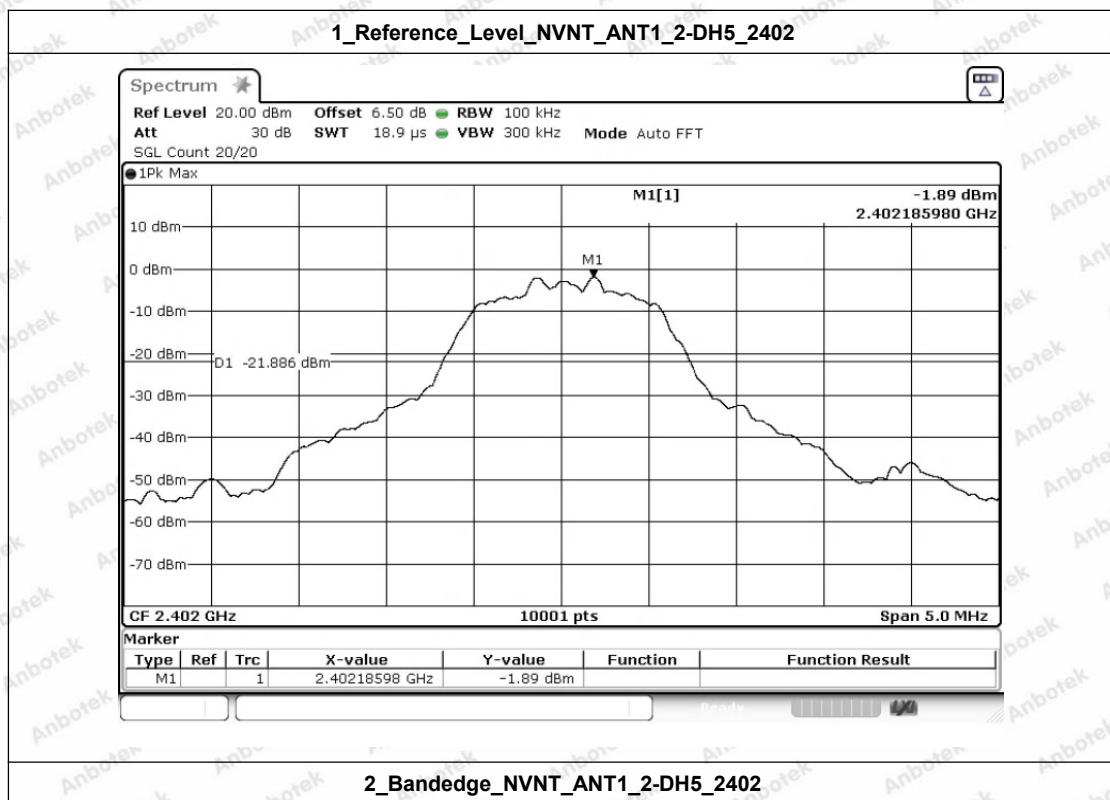
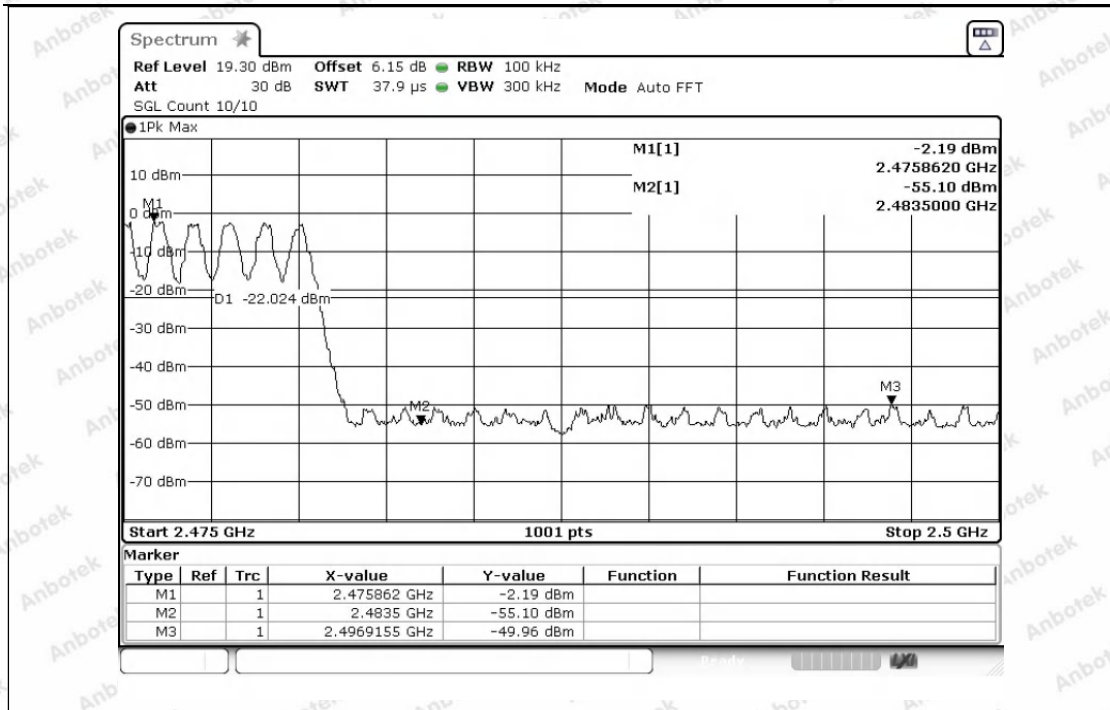
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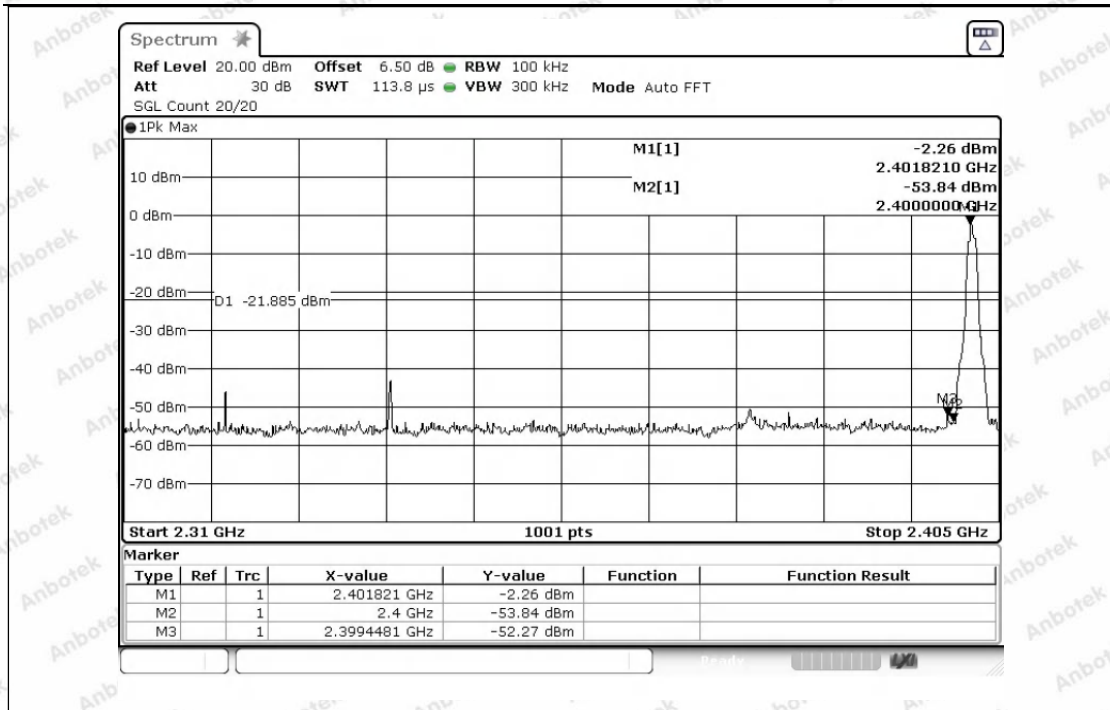
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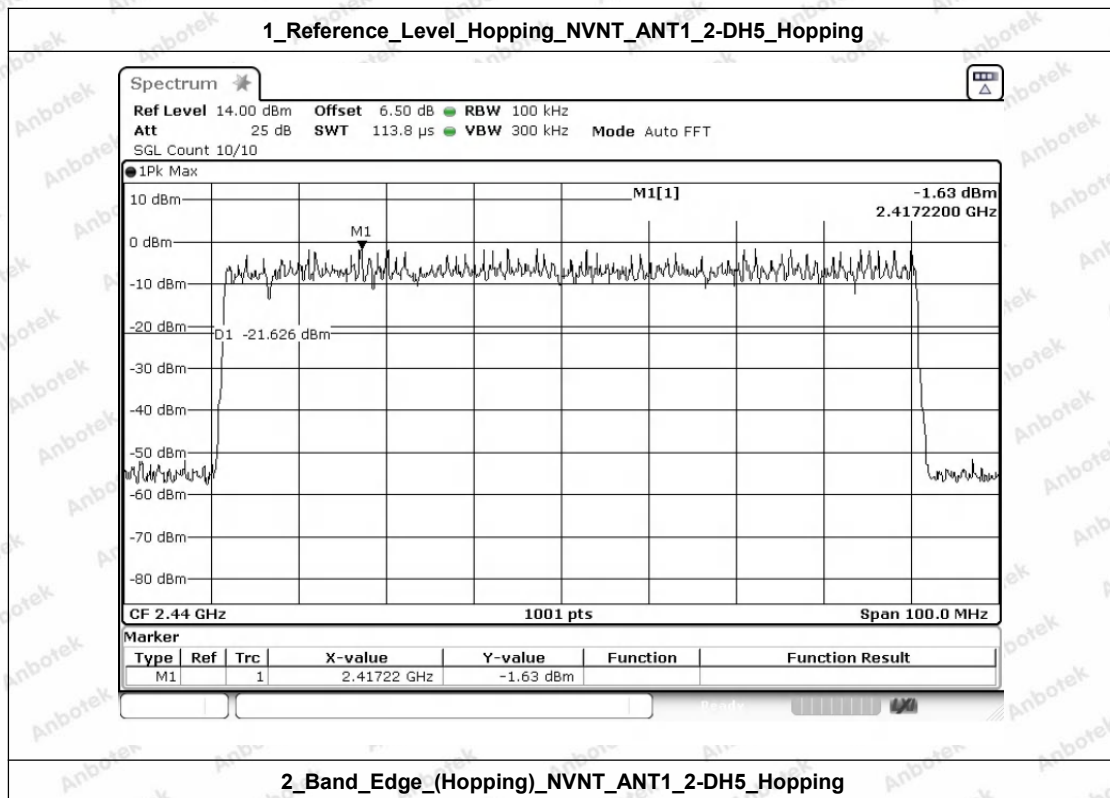


2\_Bandedge\_NVNT\_ANT1\_2-DH5\_2402



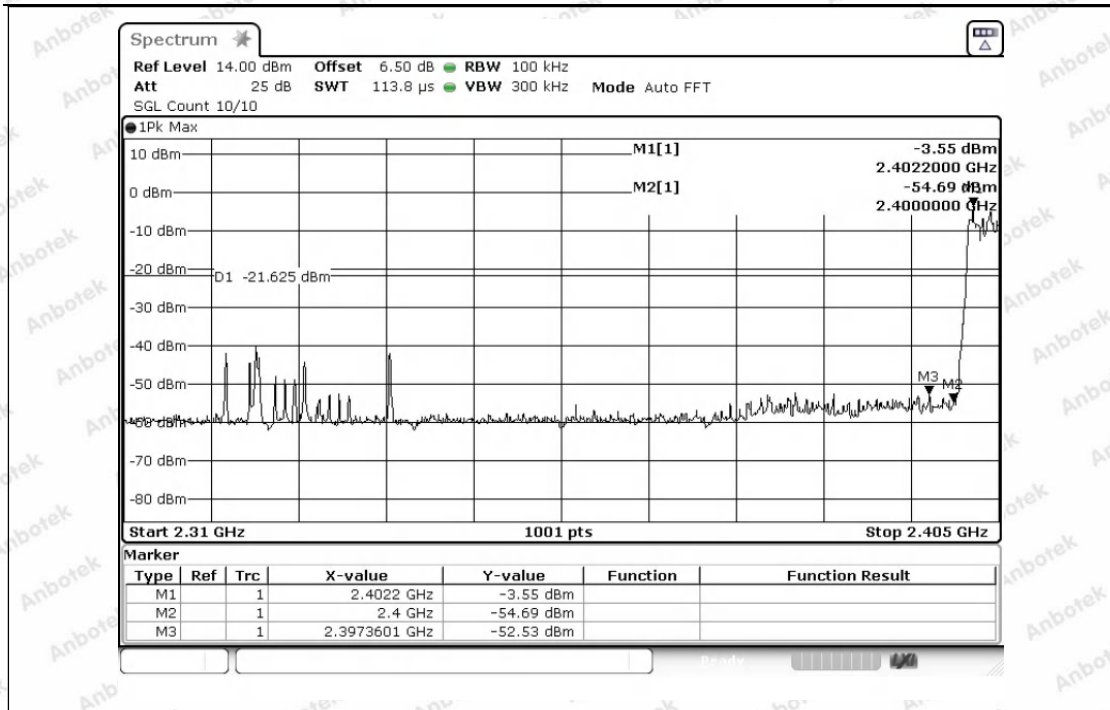


## 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_2-DH5\_Hopping

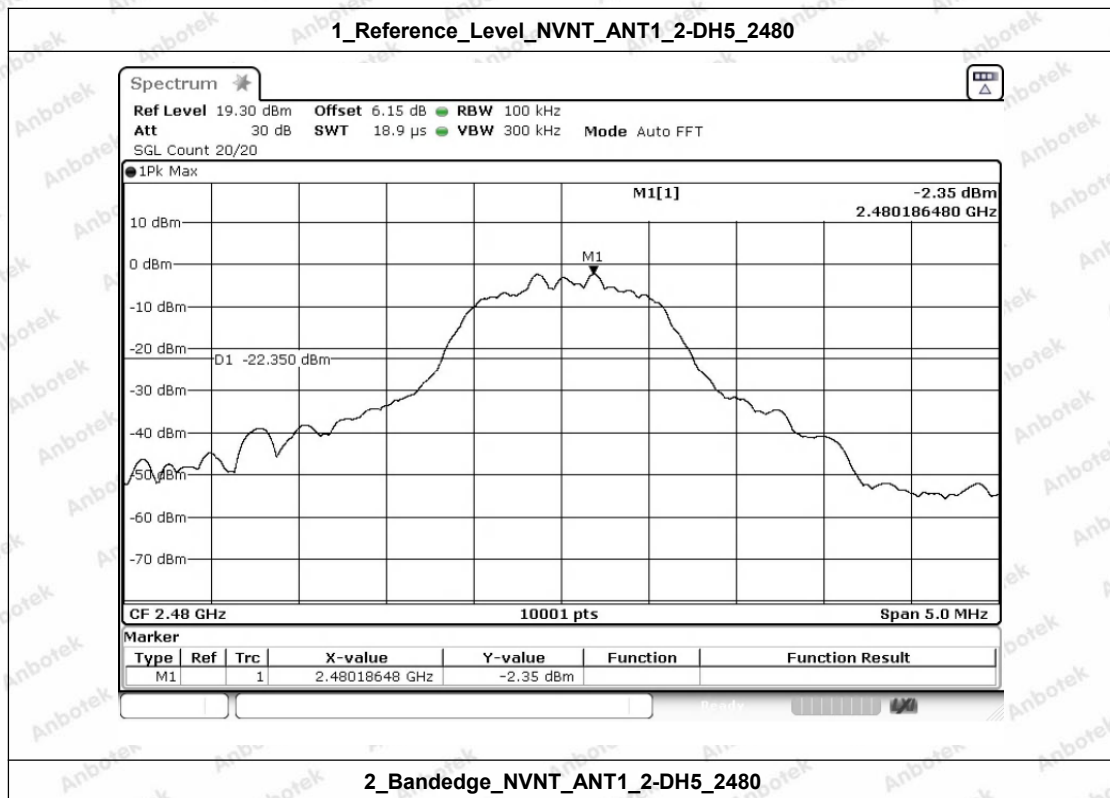


## 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH5\_Hopping



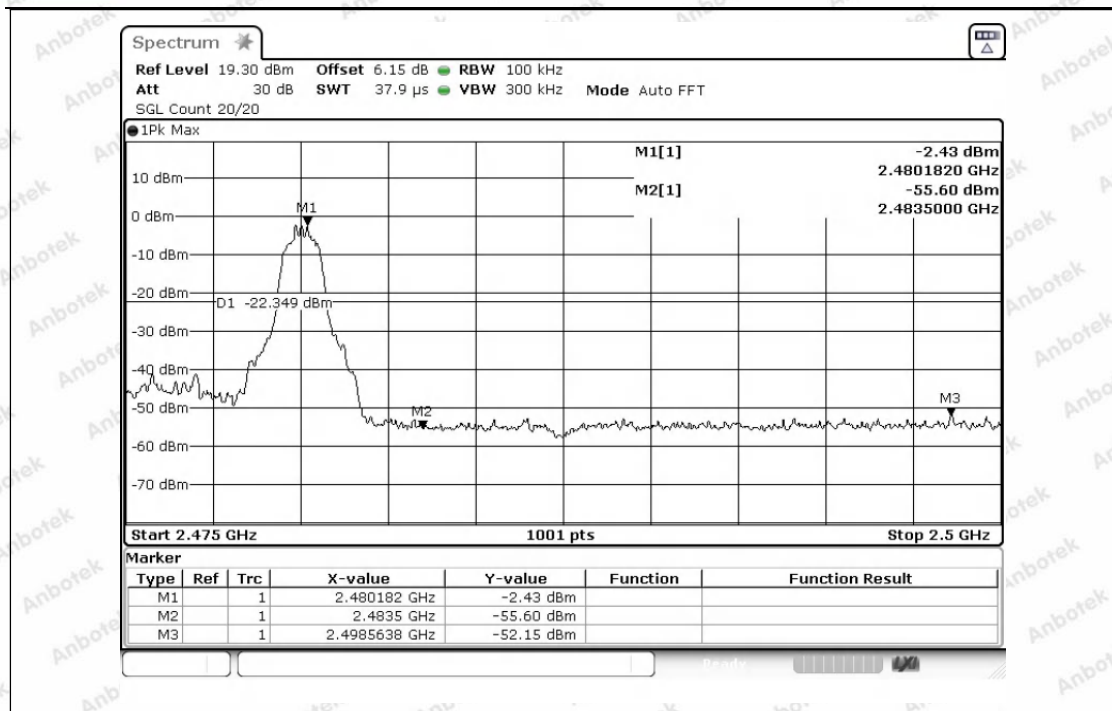


## 1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2480

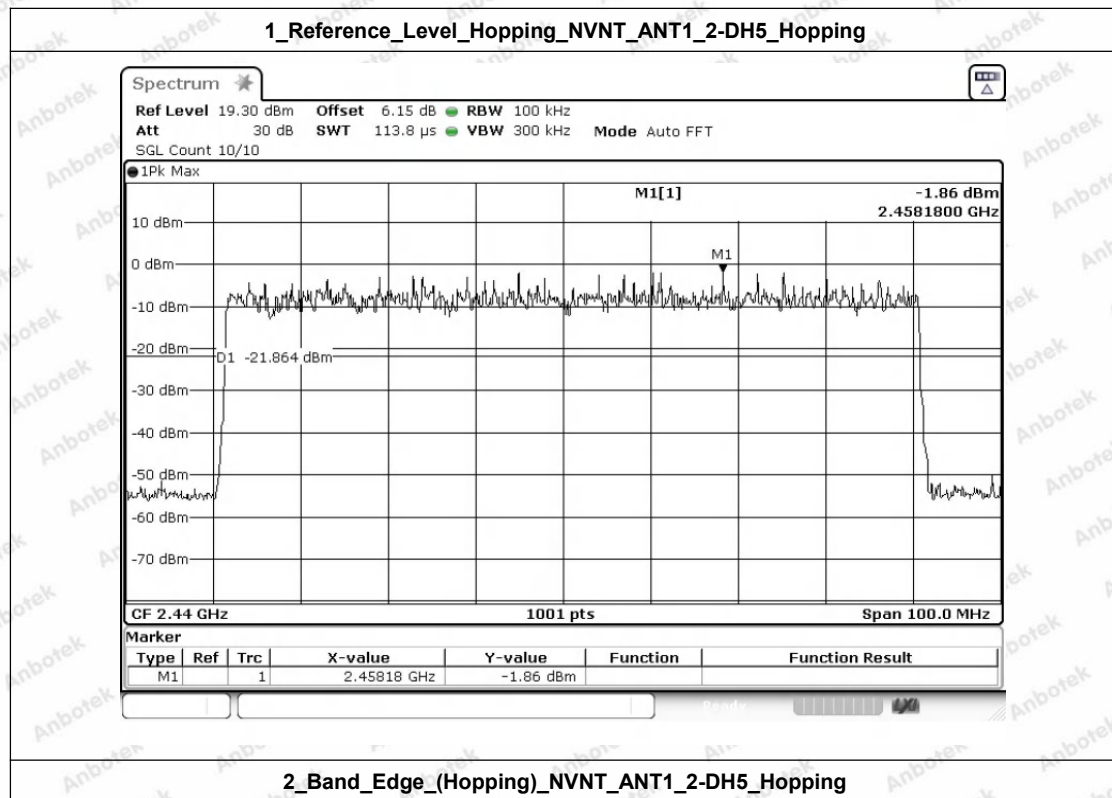


## 2\_Bandedge\_NVNT\_ANT1\_2-DH5\_2480





### 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_2-DH5\_Hopping



### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_2-DH5\_Hopping

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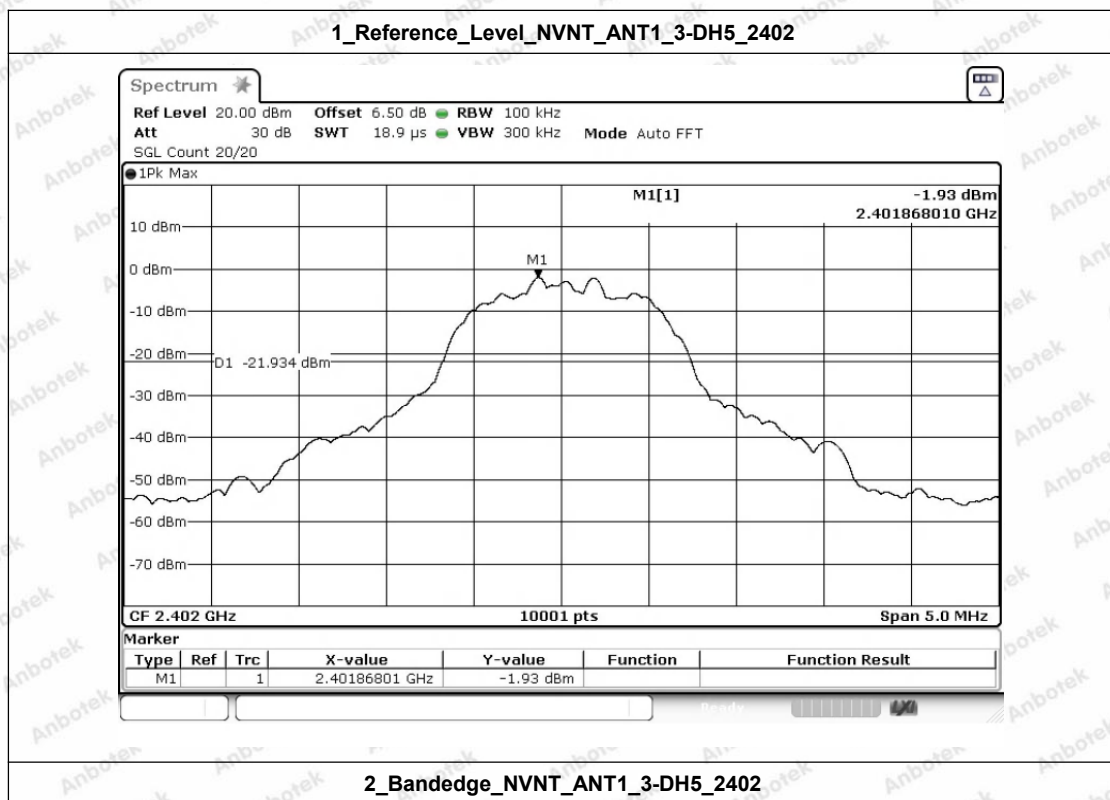
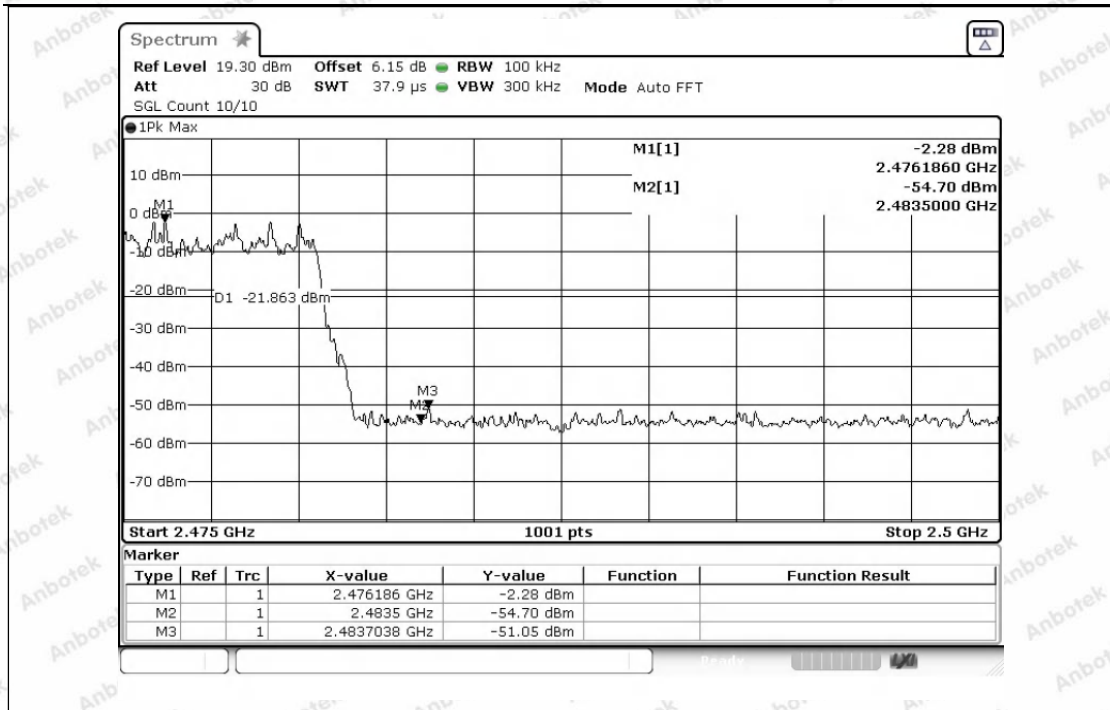
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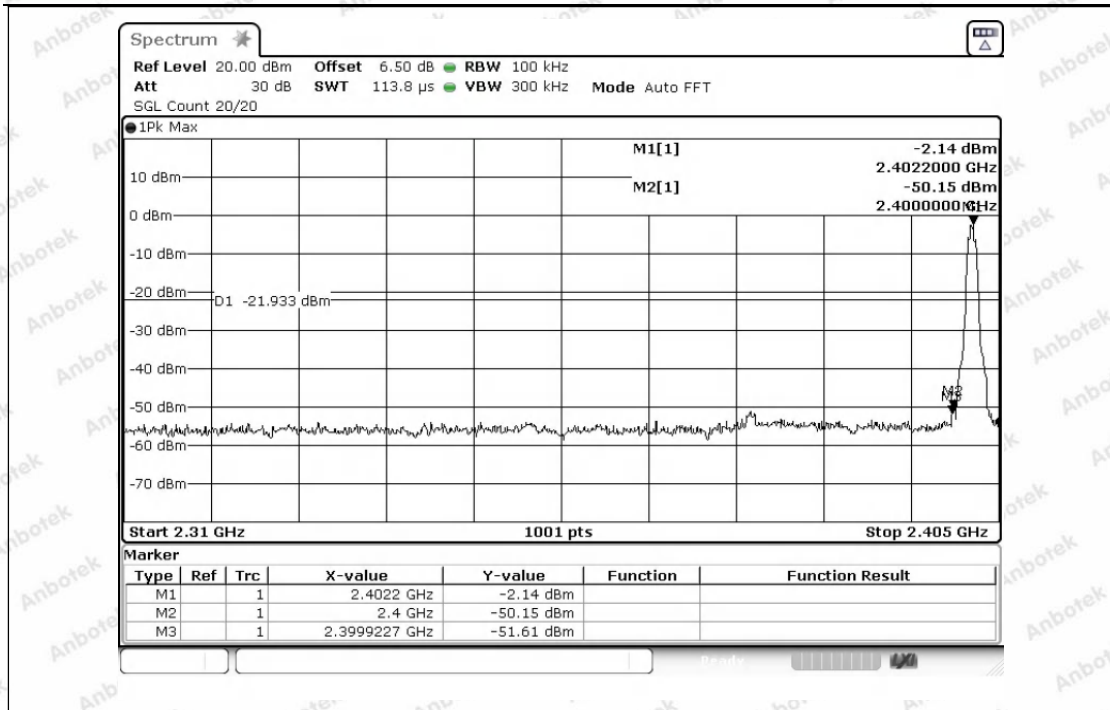
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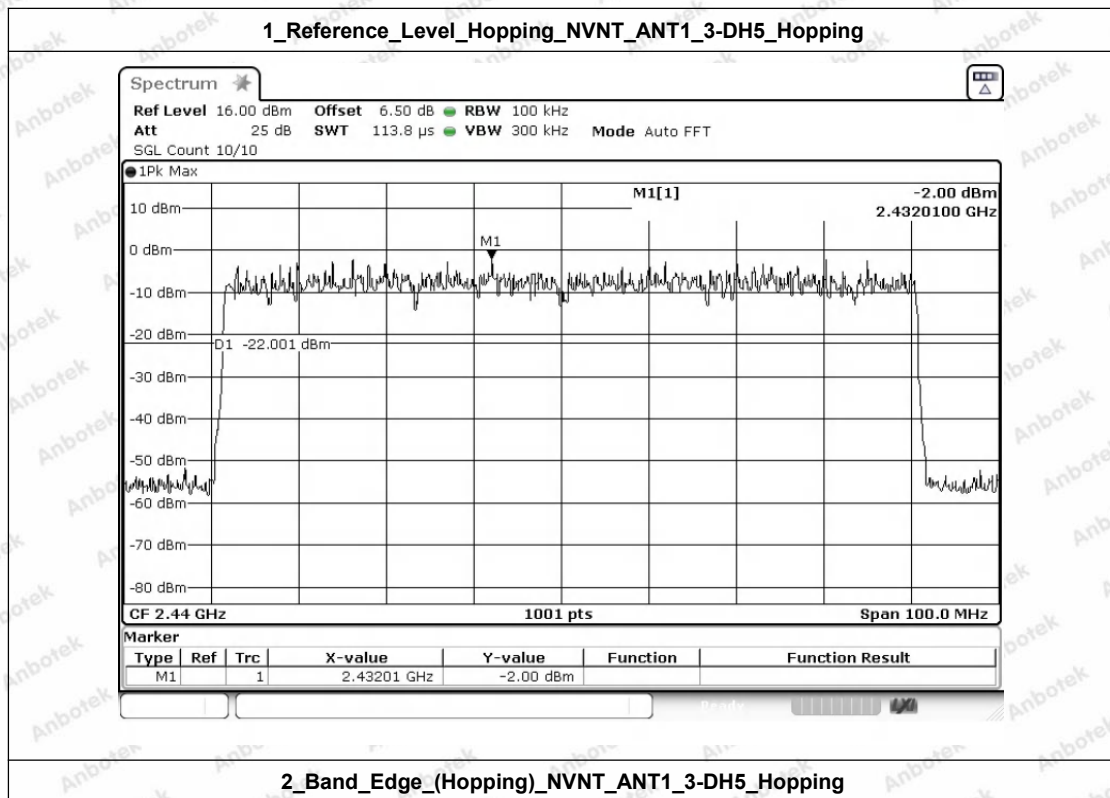


2\_Bandedge\_NVNT\_ANT1\_3-DH5\_2402



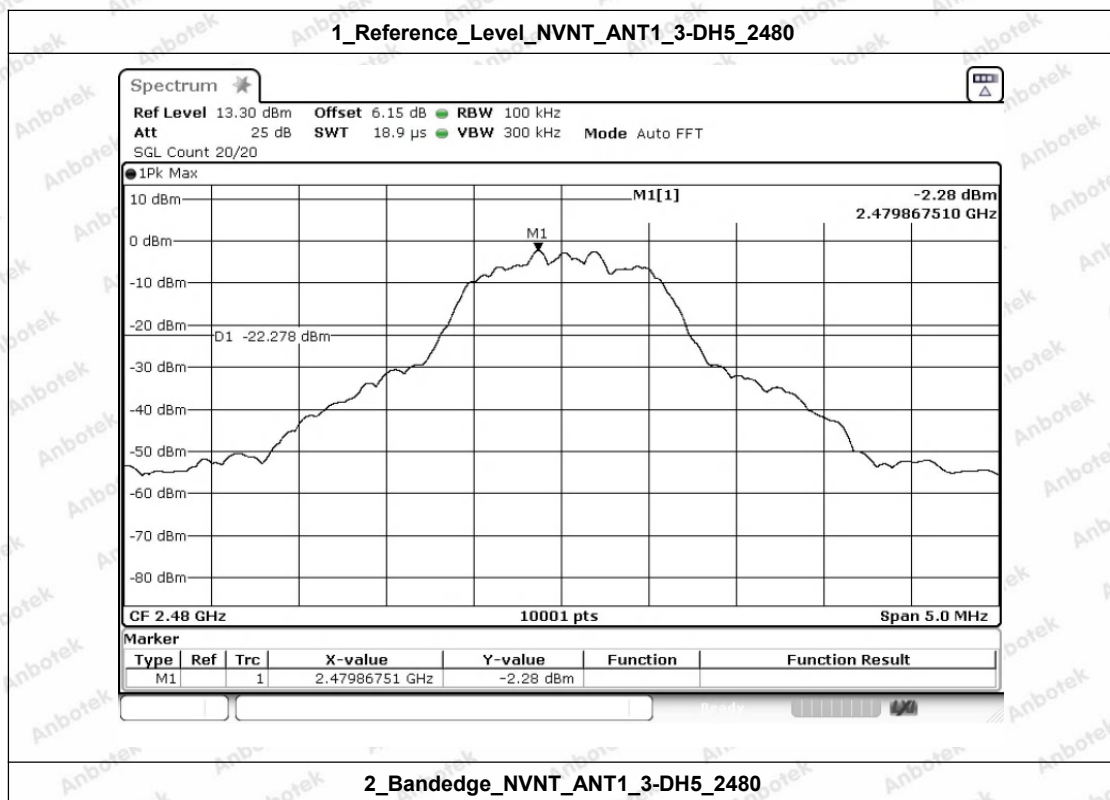
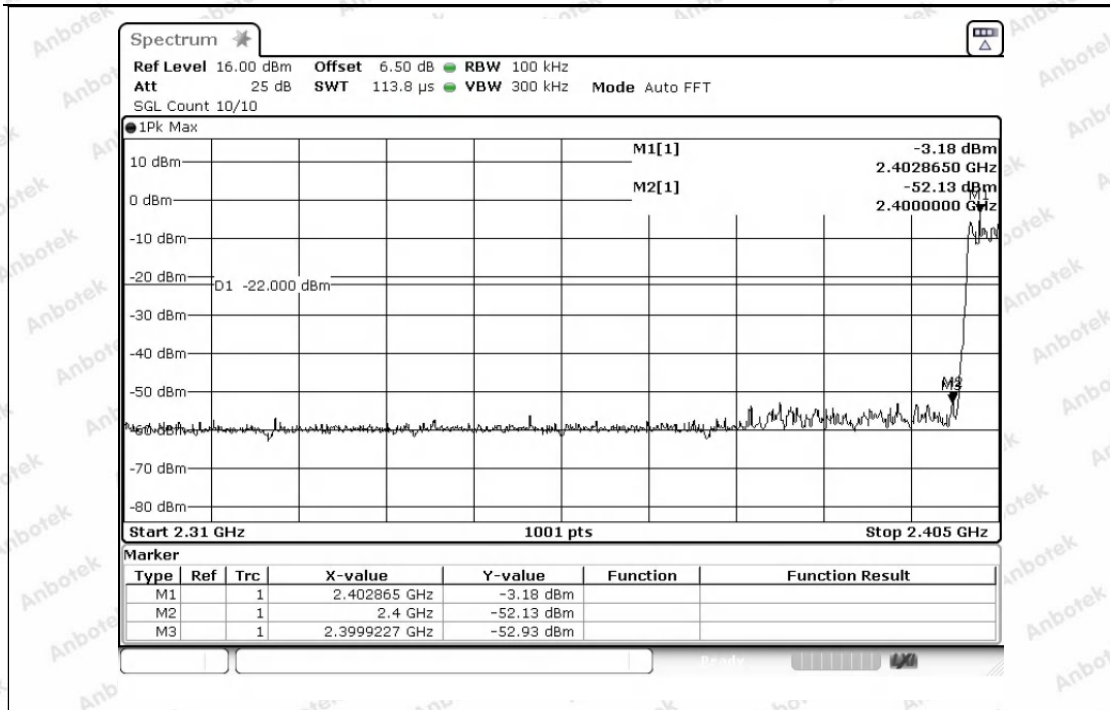


## 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH5\_Hopping



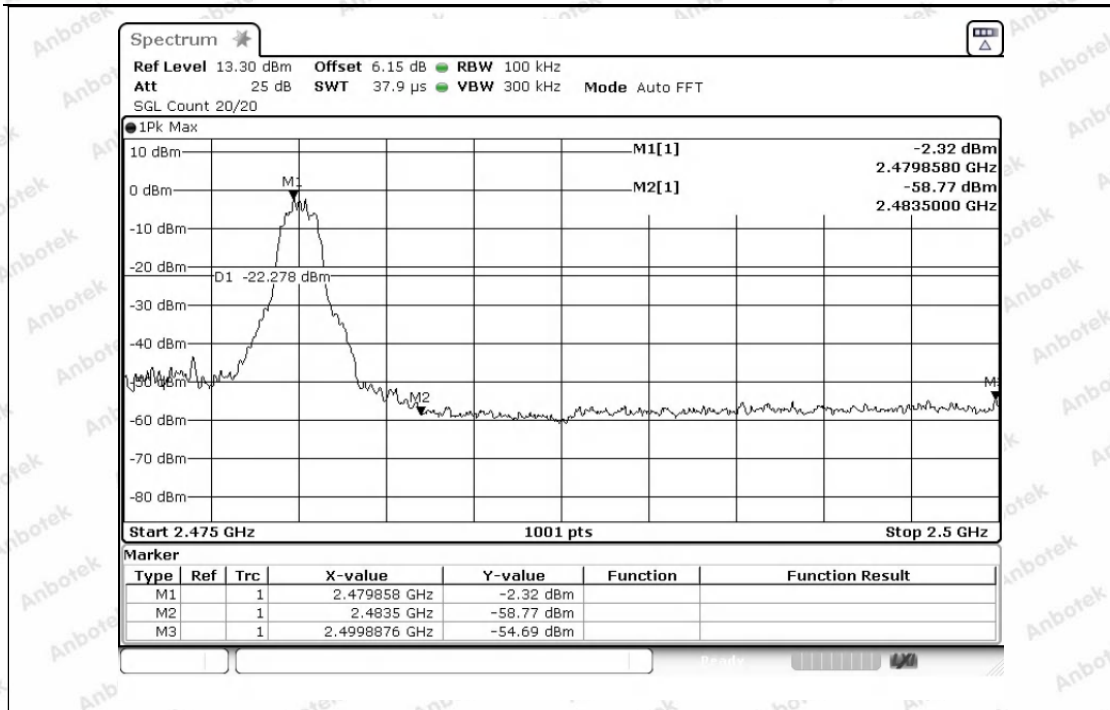
## 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH5\_Hopping



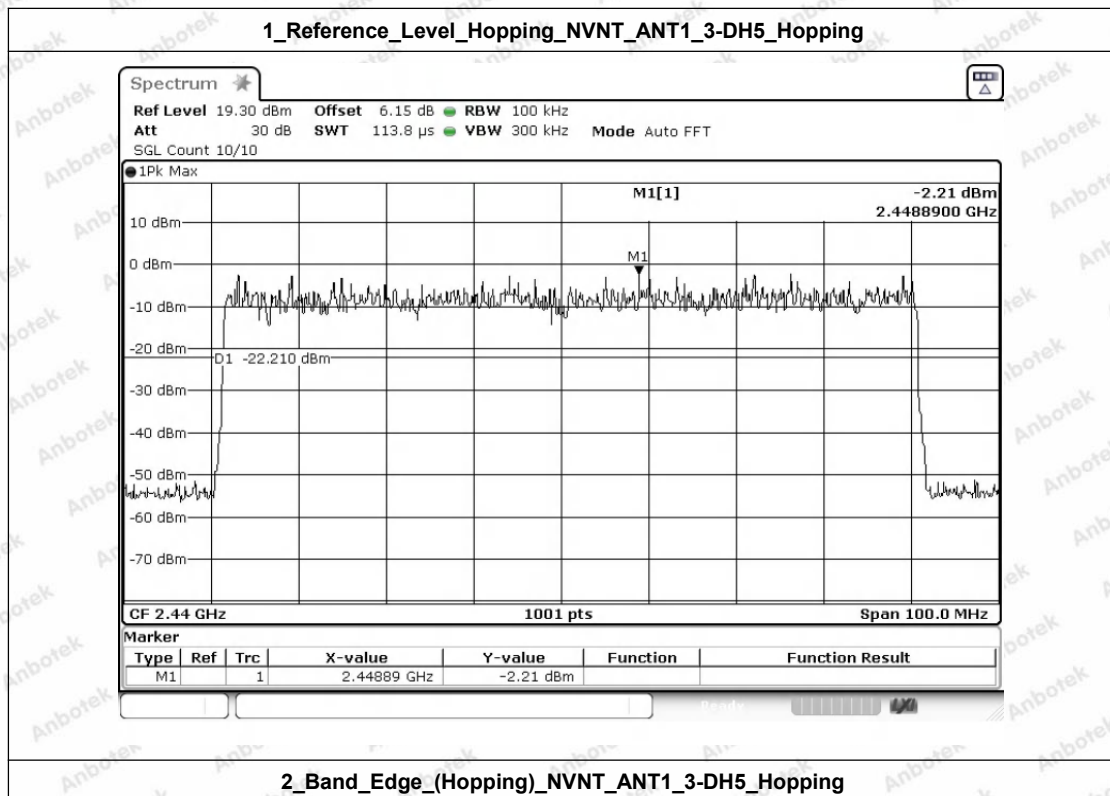


2\_Bandedge\_NVNT\_ANT1\_3-DH5\_2480



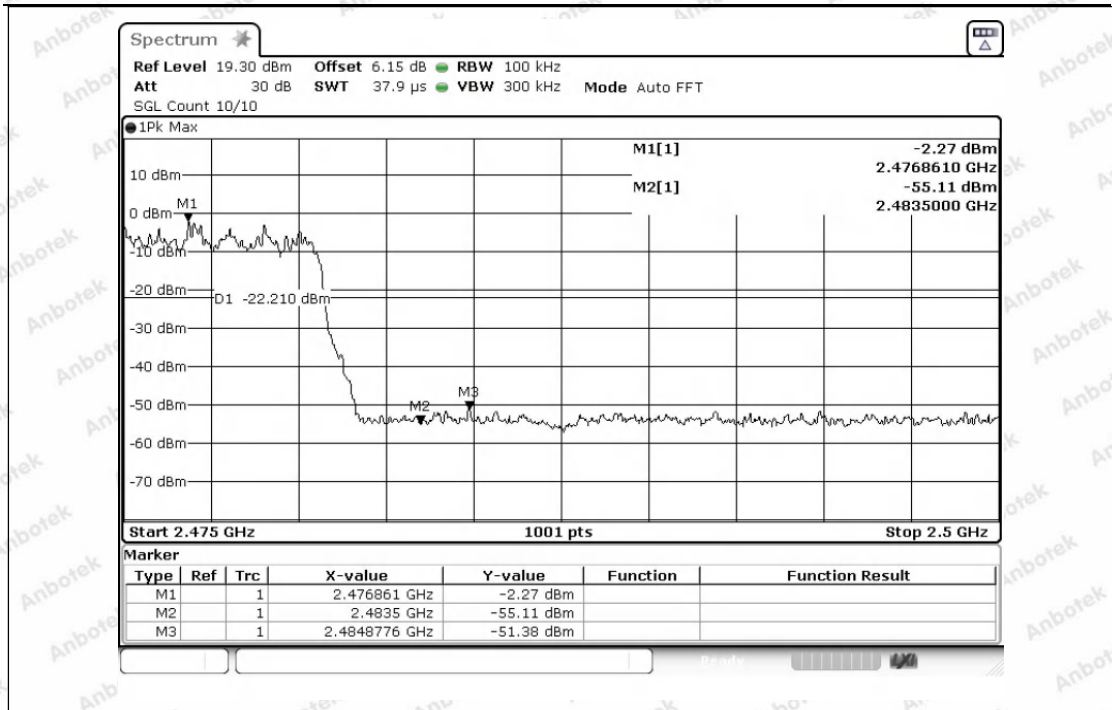


## 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_3-DH5\_Hopping



## 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_3-DH5\_Hopping





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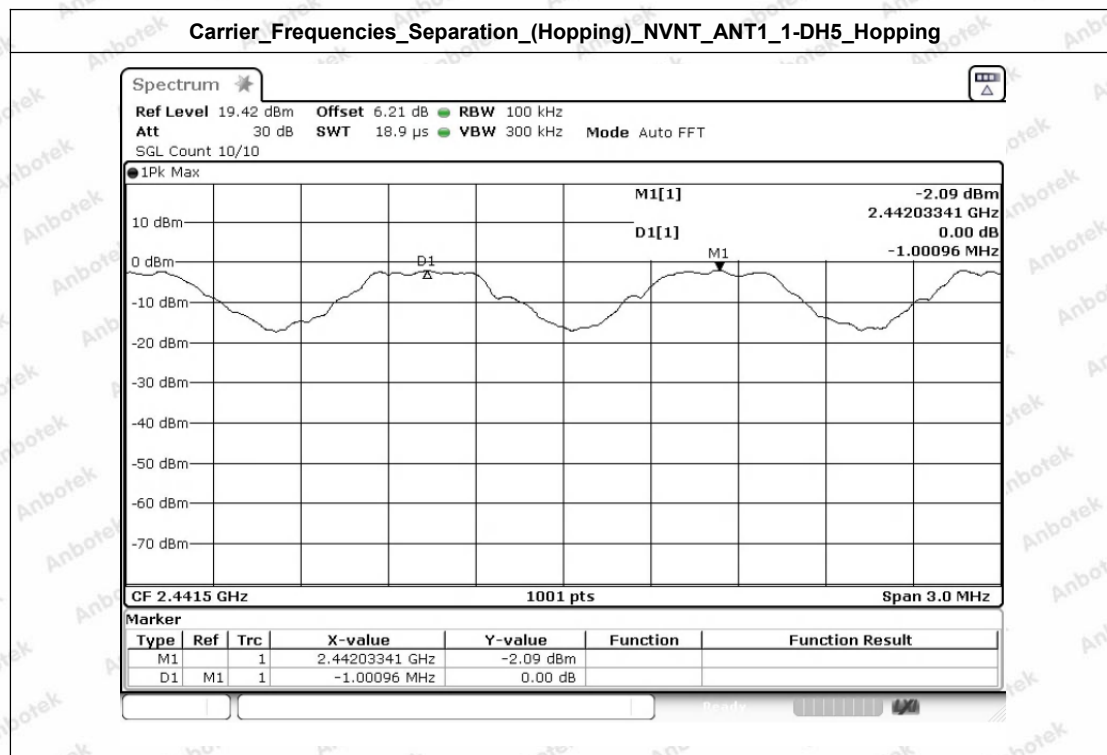


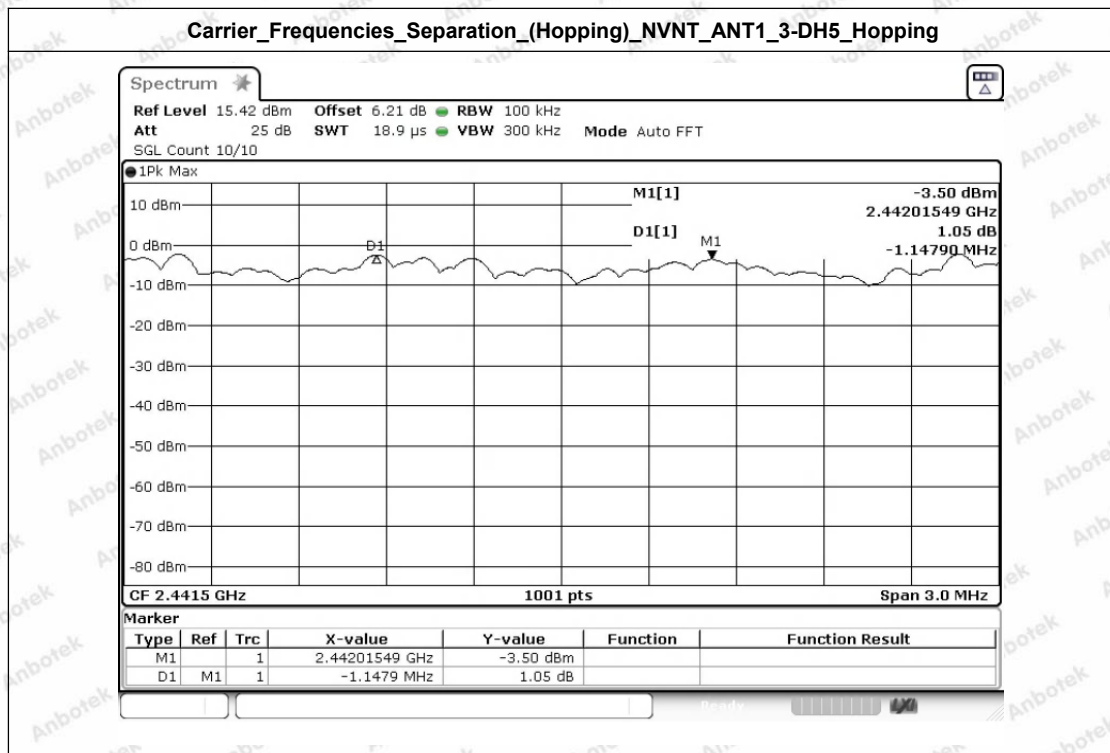
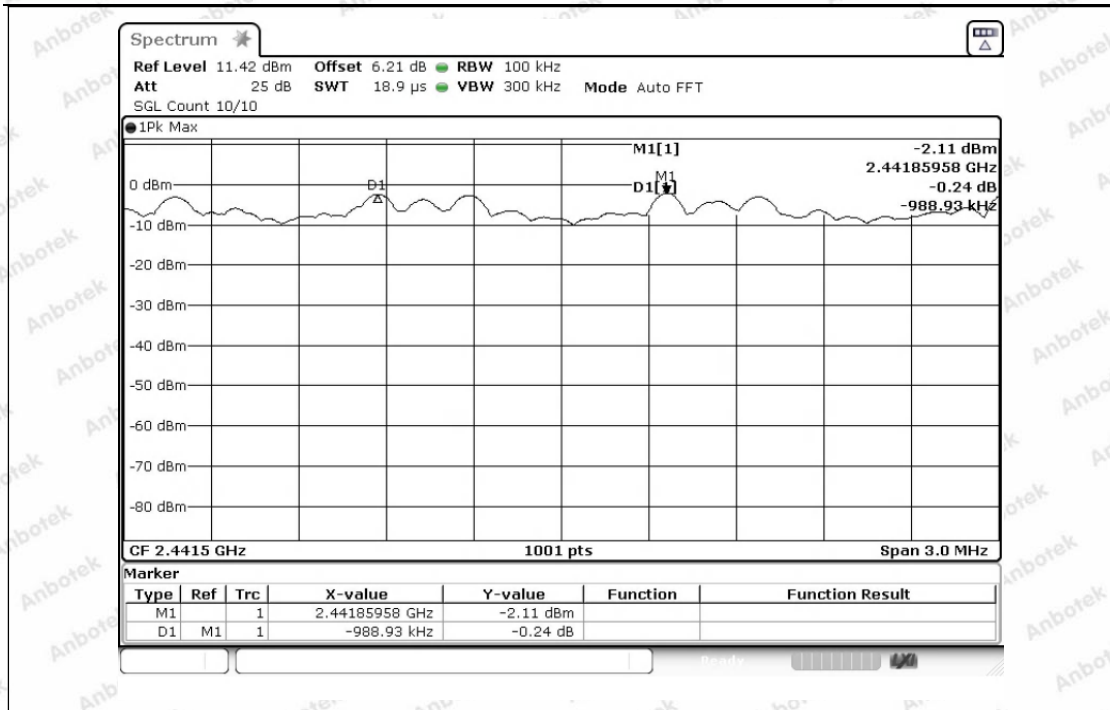
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**Appendix F: Carrier Frequencies Separation (Hopping)**

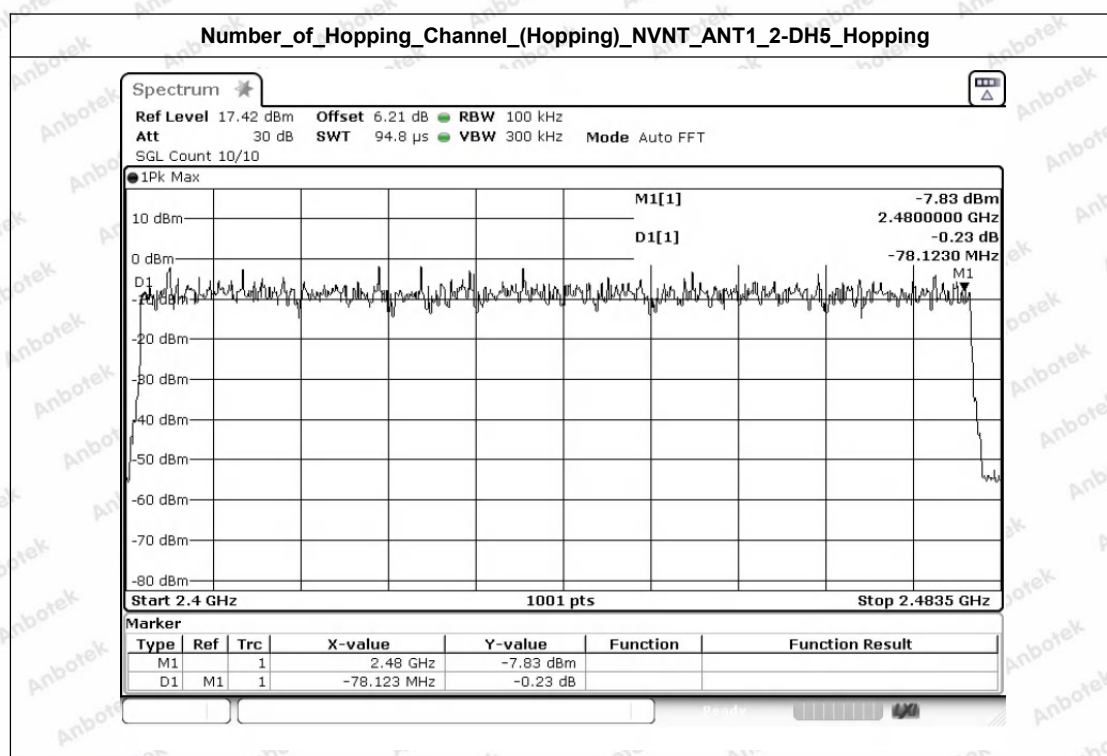
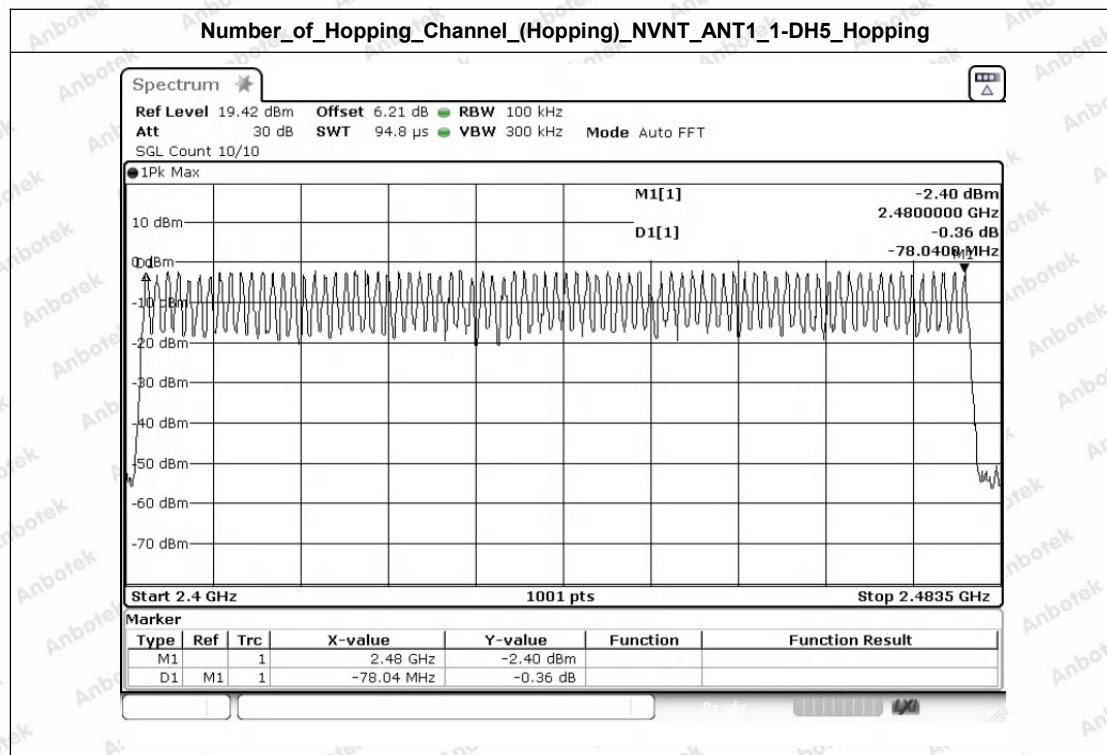
| Condition | Antenna | Modulation | Frequency(MHz) | Hopping<br>NO.0<br>(MHz) | Hopping<br>NO.1<br>(MHz) | Carrier<br>Frequencies<br>Separation(MHz) | Limit(MHz) | Result |
|-----------|---------|------------|----------------|--------------------------|--------------------------|-------------------------------------------|------------|--------|
| NVNT      | ANT1    | 1-DH5      | 2441.00        | 2441.032                 | 2442.033                 | 1.00                                      | 0.695      | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2441.00        | 2440.871                 | 2441.860                 | 0.99                                      | 0.889      | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2441.00        | 2440.868                 | 2442.015                 | 1.15                                      | 0.859      | Pass   |

**Carrier\_Frequencies\_Separation\_(Hopping)\_NVNT\_ANT1\_2-DH5\_Hopping**

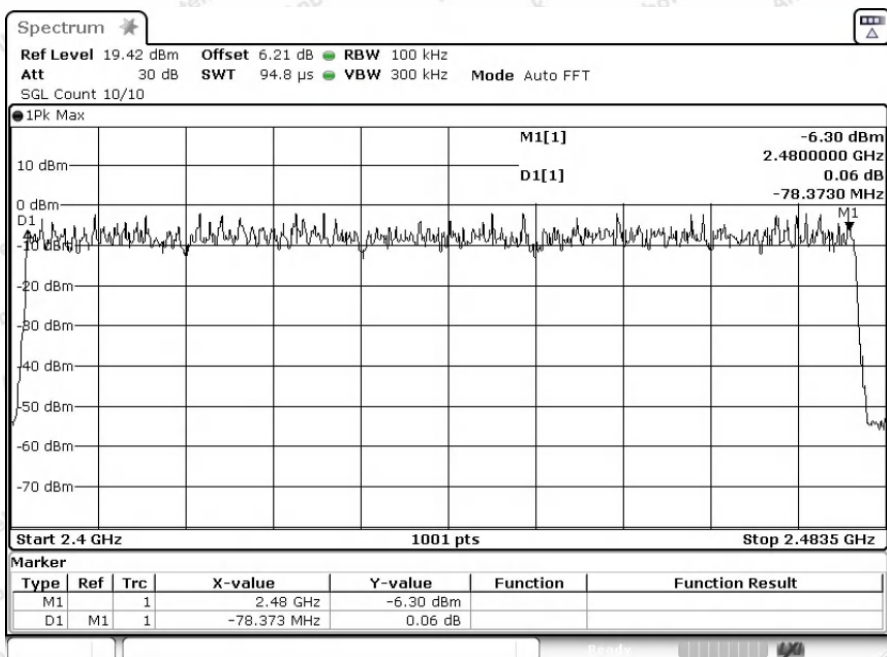


**Appendix G: Number of Hopping Channel (Hopping)**

| Condition | Antenna | Modulation | Hopping Num | Limit | Result |
|-----------|---------|------------|-------------|-------|--------|
| NVNT      | ANT1    | 1-DH5      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 2-DH5      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 3-DH5      | 79          | 15    | Pass   |



## Number\_of\_Hopping\_Channel\_(Hopping)\_NVNT\_ANT1\_3-DH5\_Hopping



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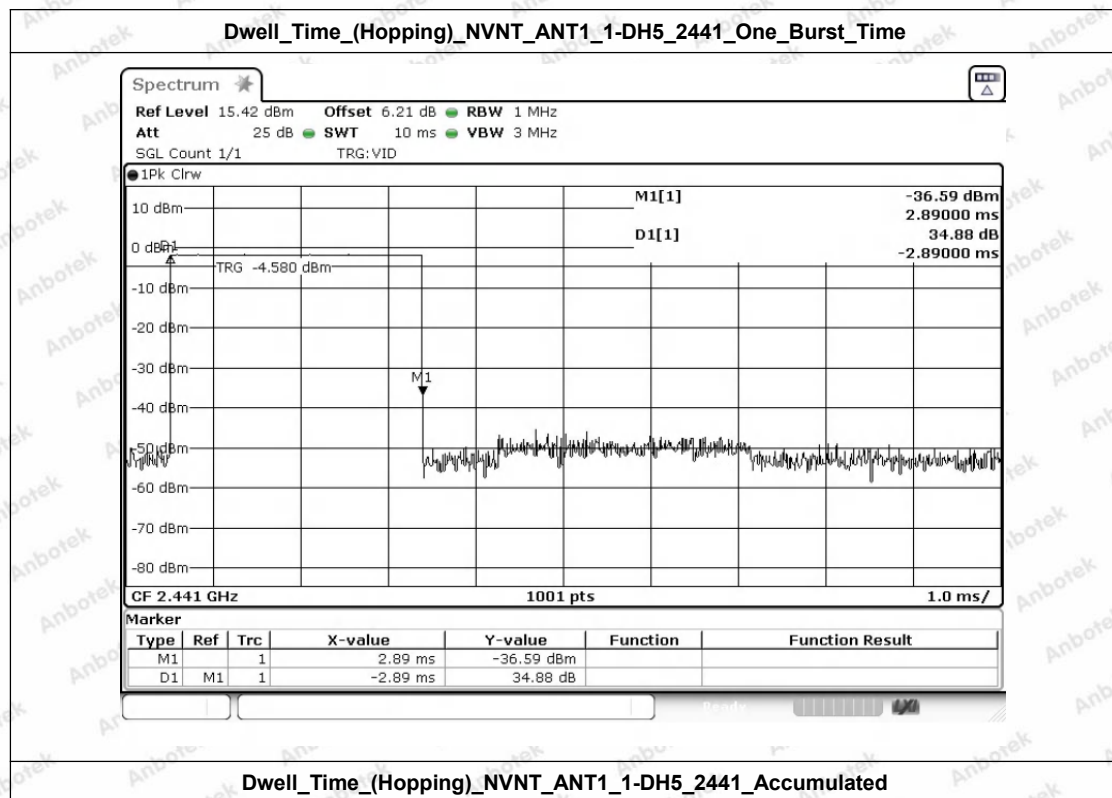


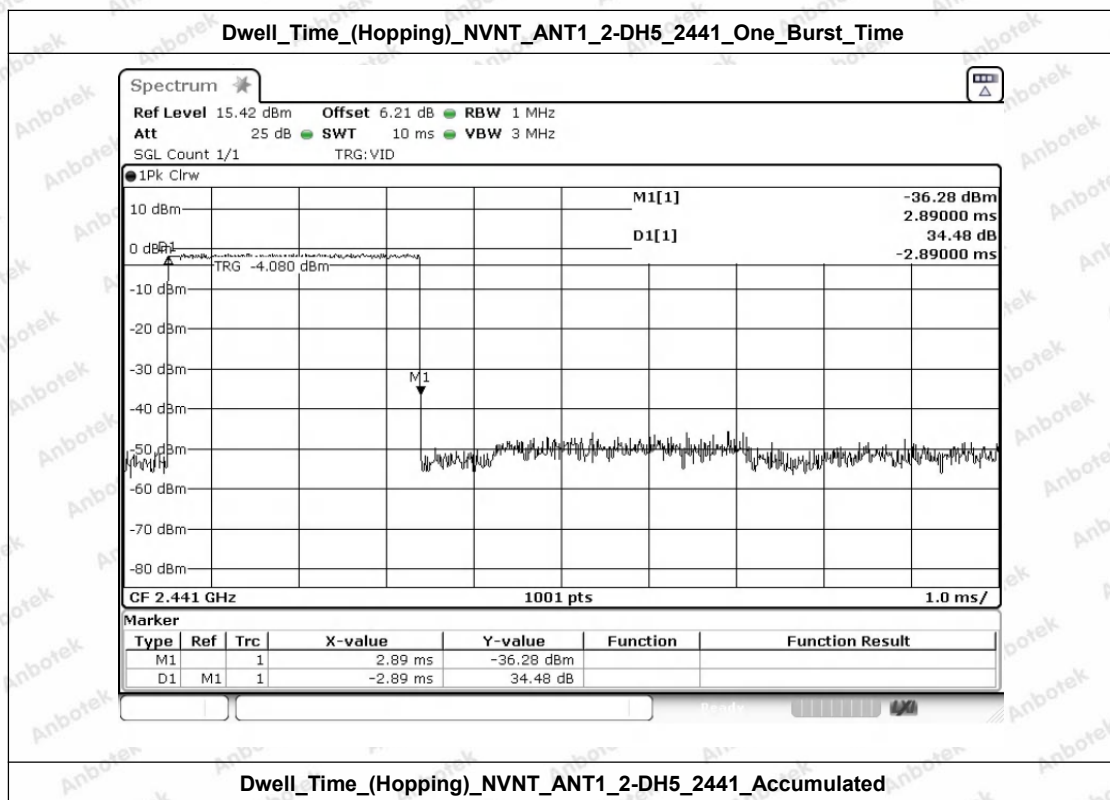
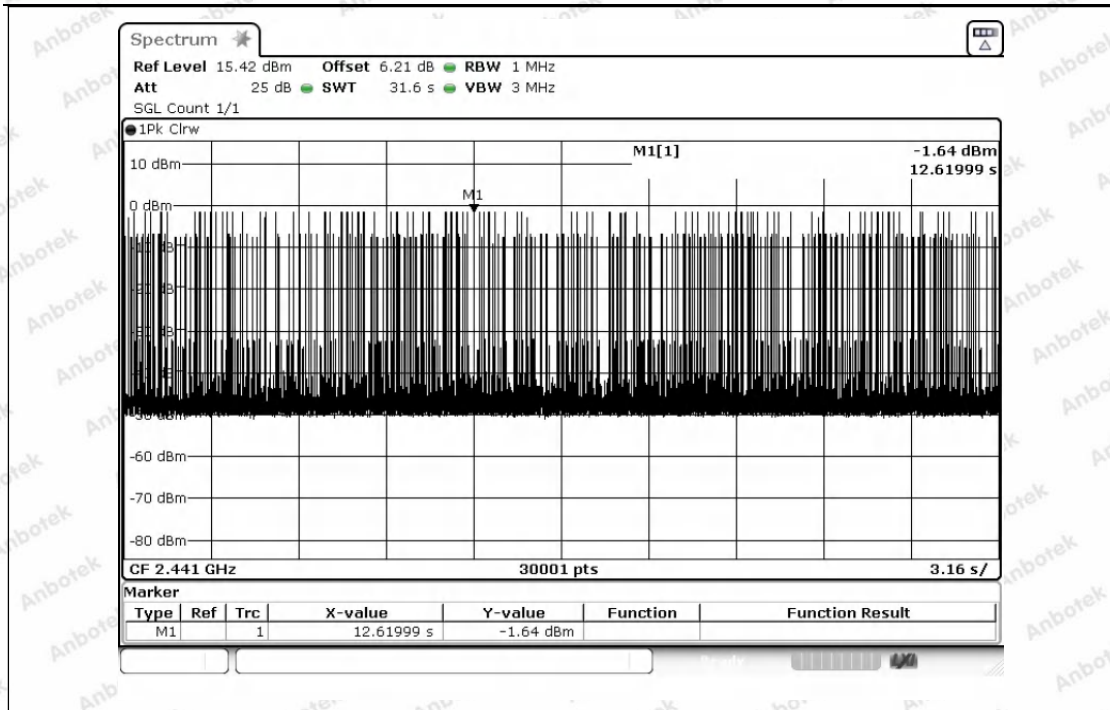
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**Appendix H: Dwell Time (Hopping)**

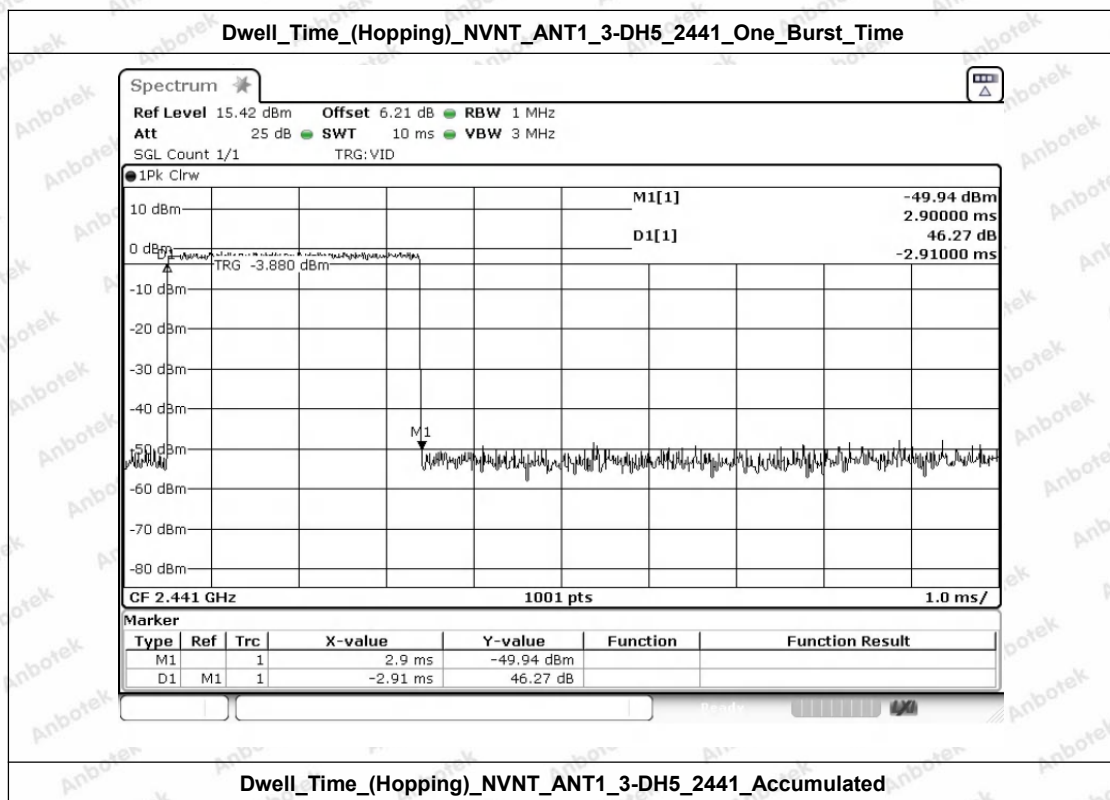
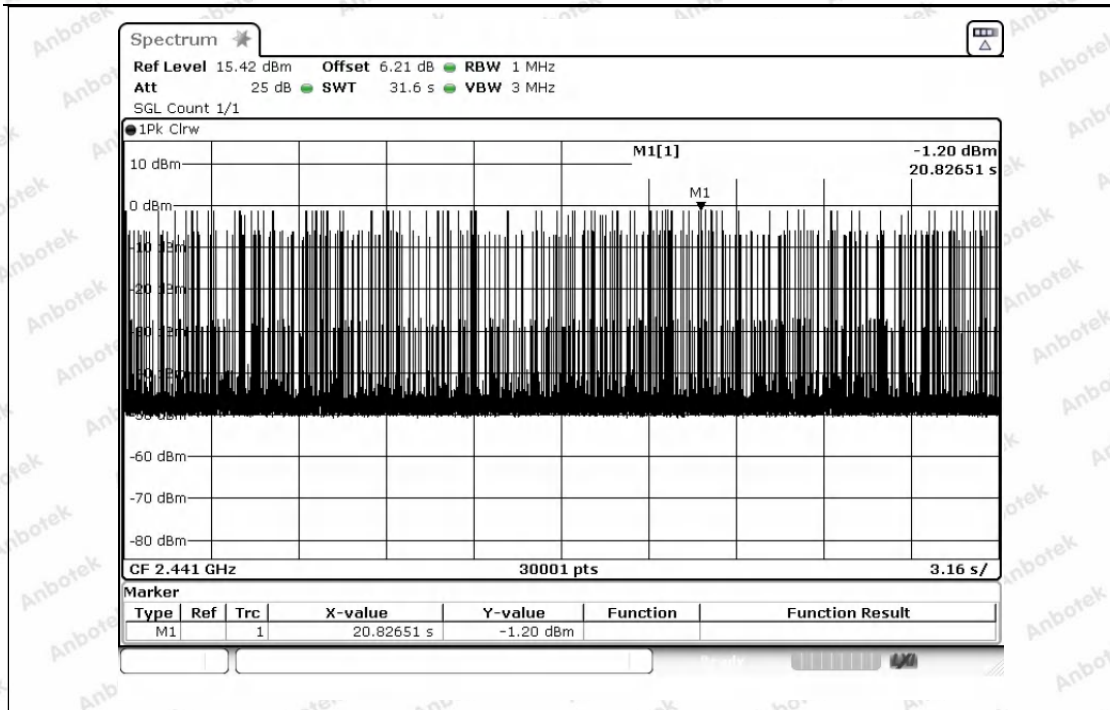
| Condition | Antenna | Packet Type | Pulse Time(ms) | Hops   | Dwell Time(ms) | Limit(s) | Result |
|-----------|---------|-------------|----------------|--------|----------------|----------|--------|
| NVNT      | ANT1    | 1-DH5       | 2.890          | 111.00 | 320.790        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH5       | 2.890          | 101.00 | 291.890        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH5       | 2.900          | 91.00  | 263.900        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH1       | 0.390          | 307.00 | 119.730        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH3       | 1.640          | 154.00 | 252.560        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH1       | 0.390          | 306.00 | 119.340        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH3       | 1.650          | 151.00 | 249.150        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH1       | 0.390          | 313.00 | 122.070        | 0.40     | Pass   |
| NVNT      | ANT1    | 3-DH3       | 1.640          | 153.00 | 250.920        | 0.40     | Pass   |





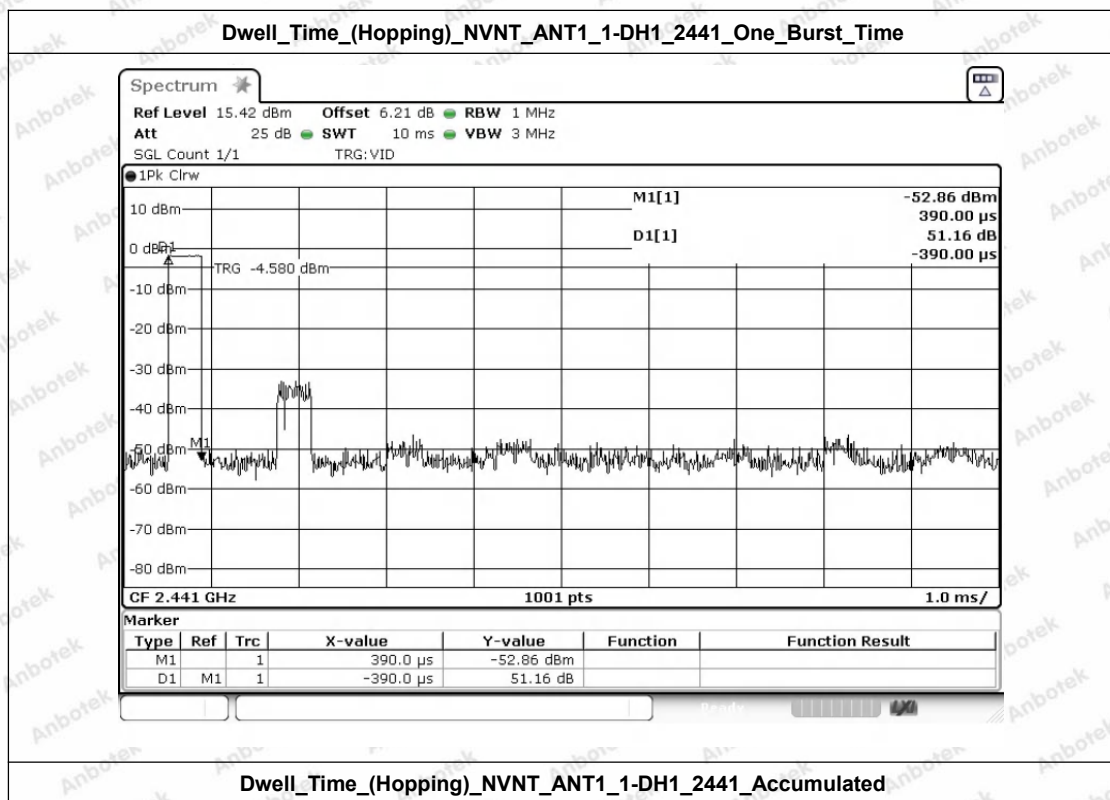
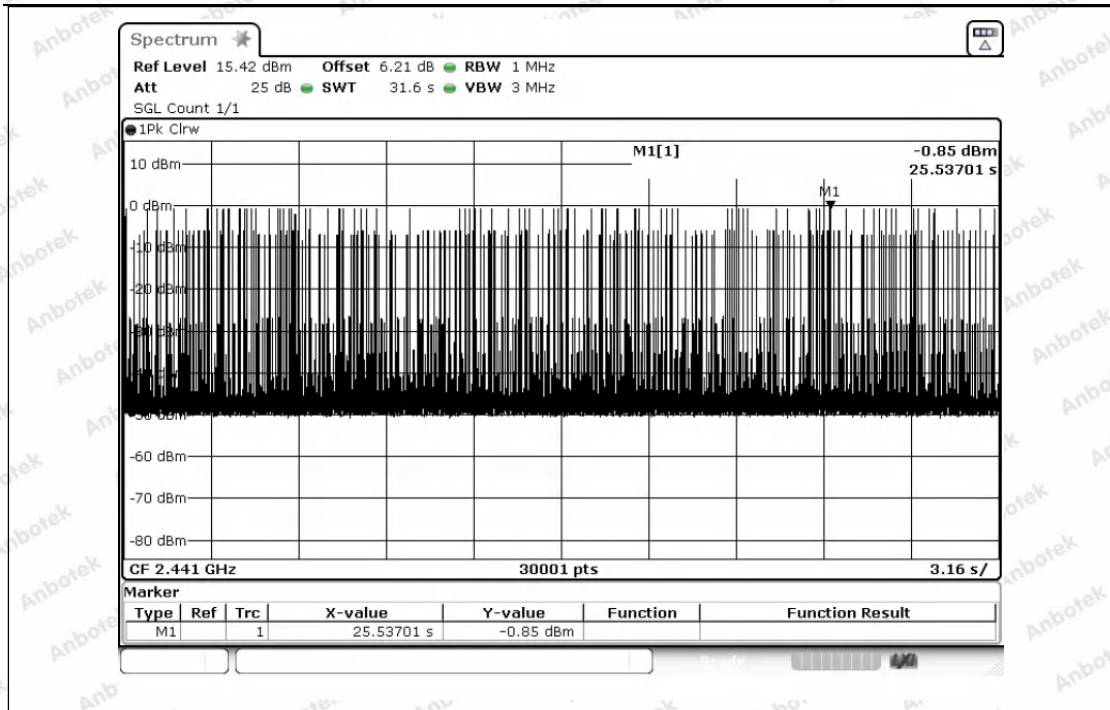
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH5\_2441\_Accumulated





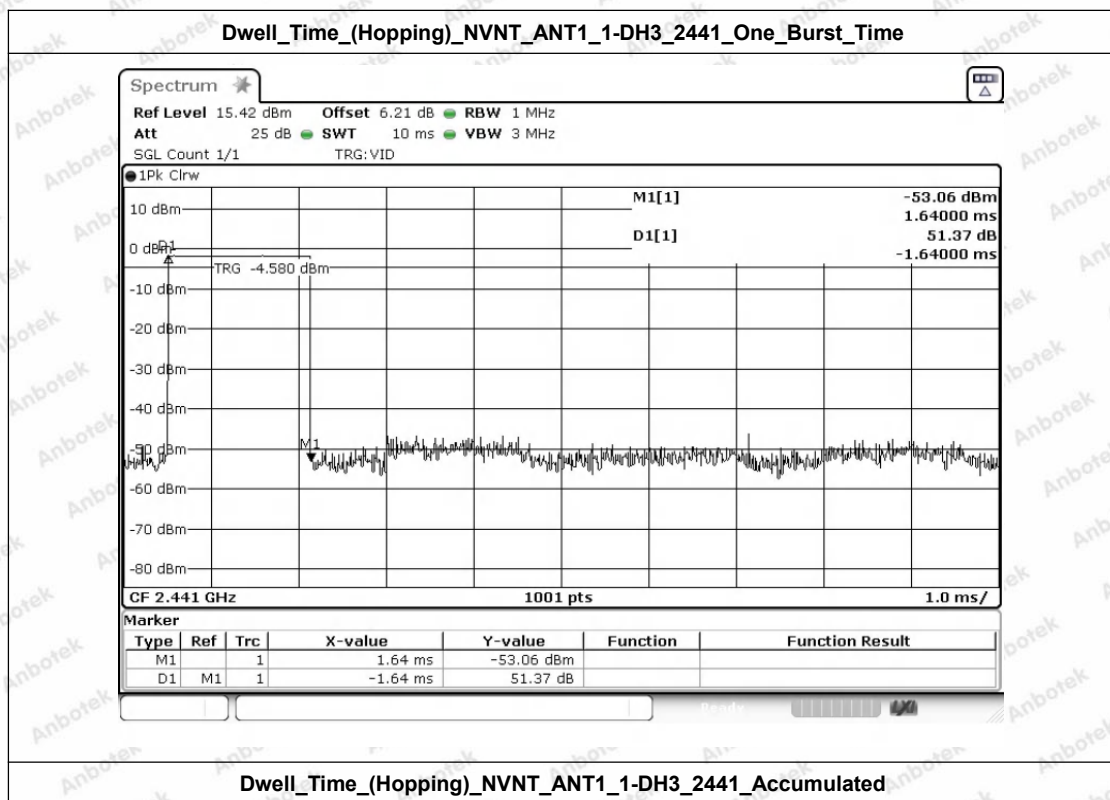
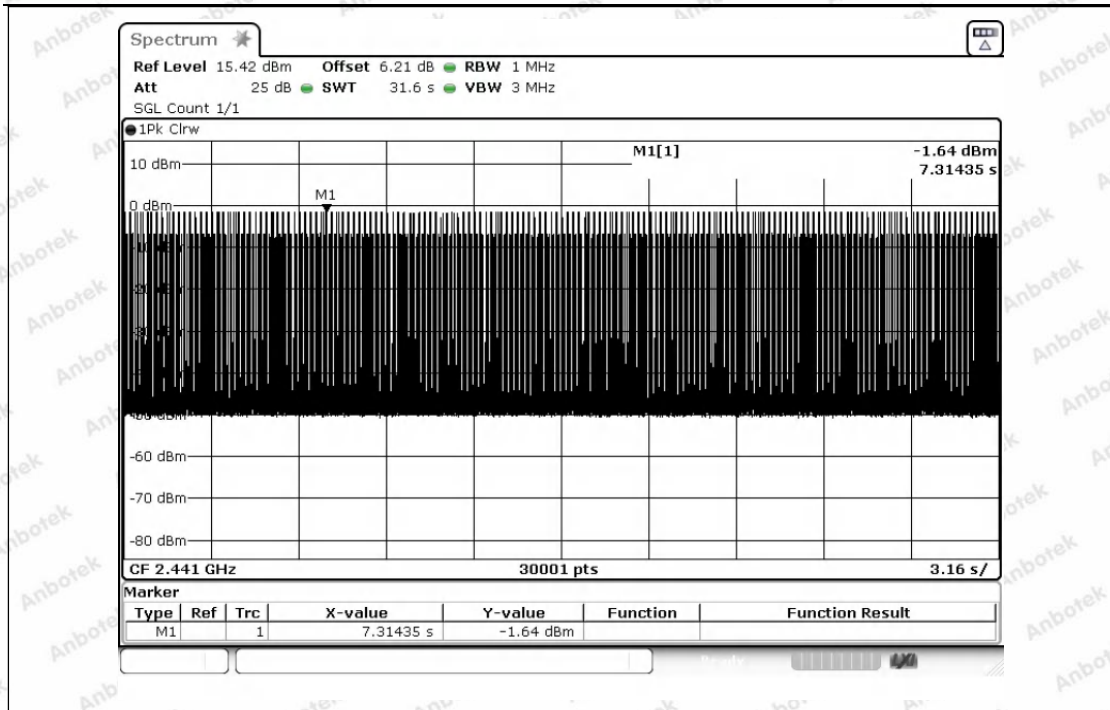
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH5\_2441\_Accumulated





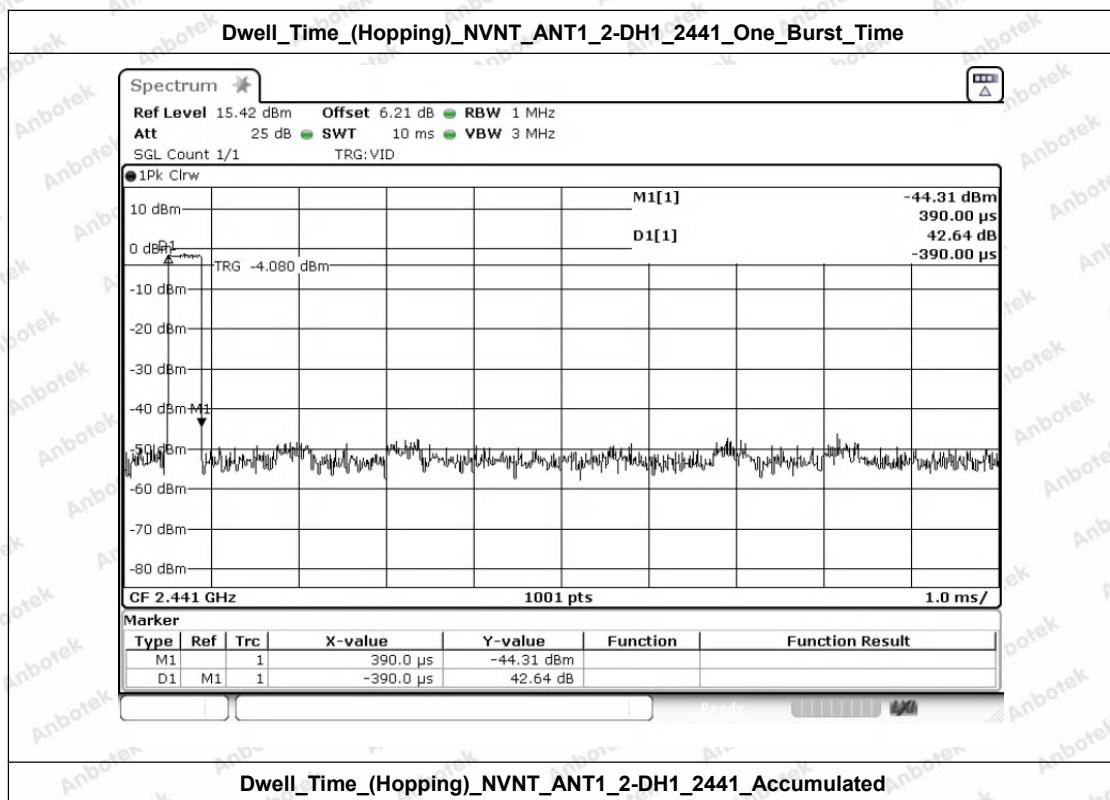
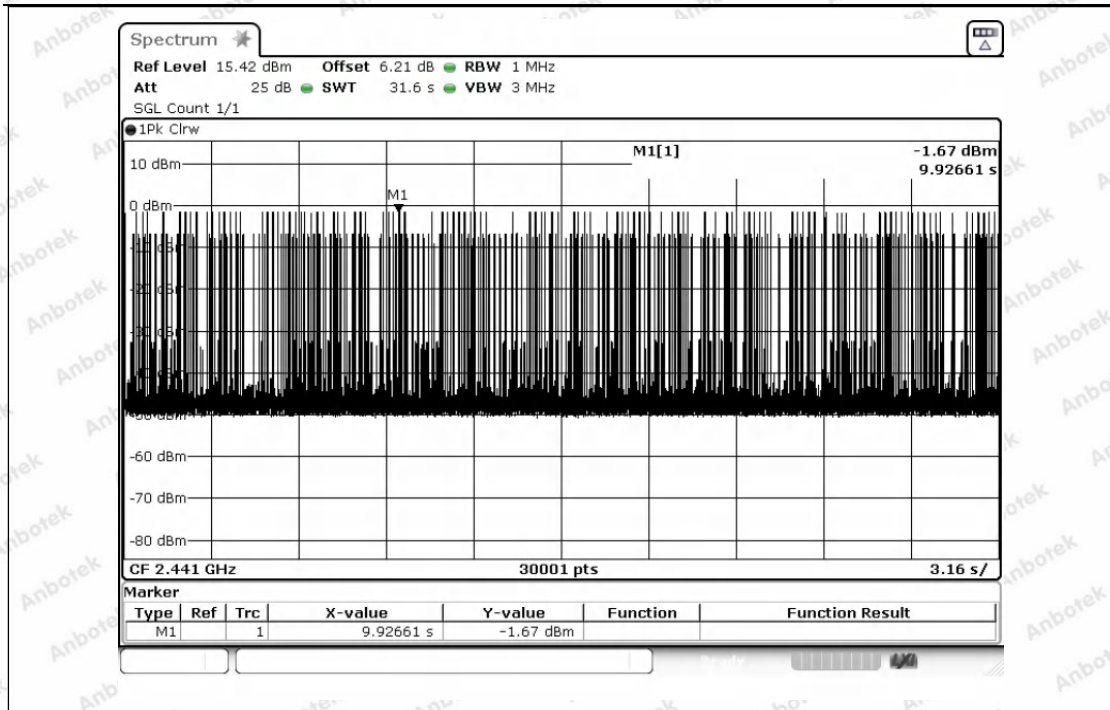
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH1\_2441\_Accumulated





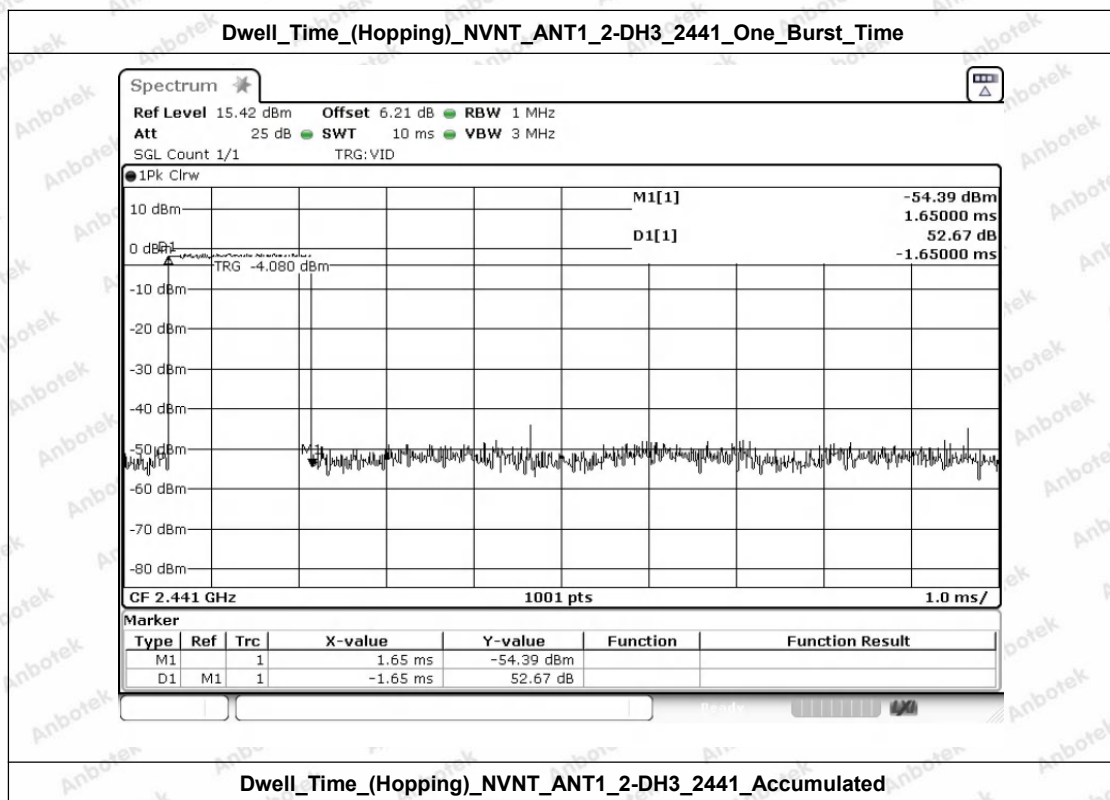
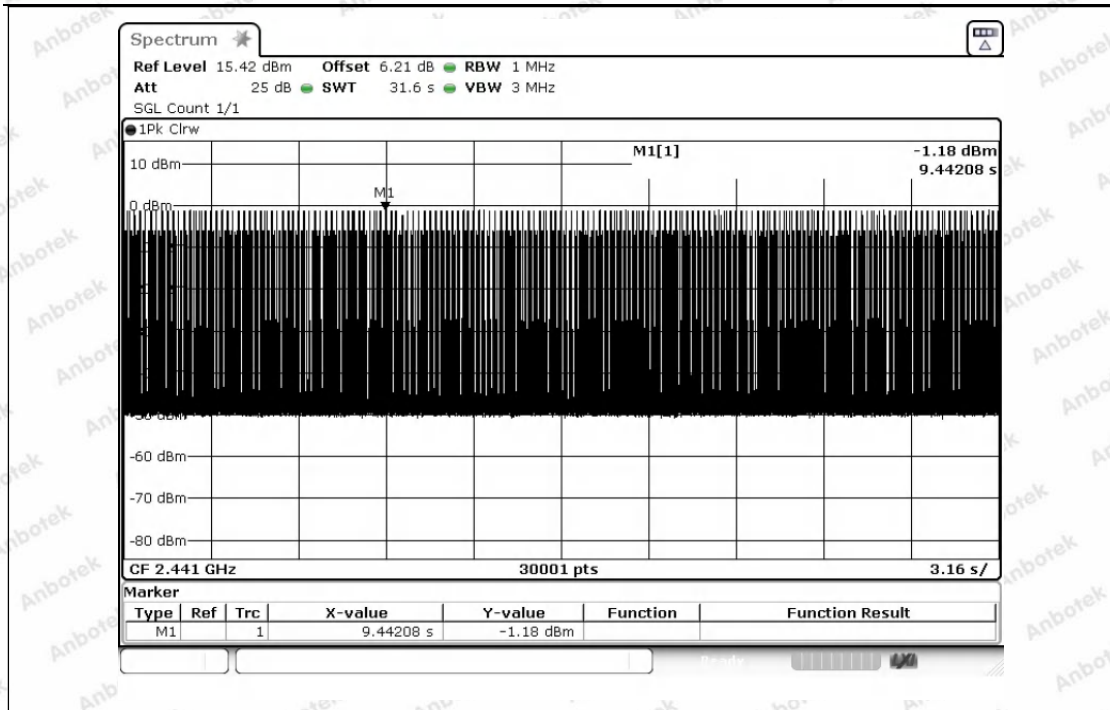
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_1-DH3\_2441\_Accumulated





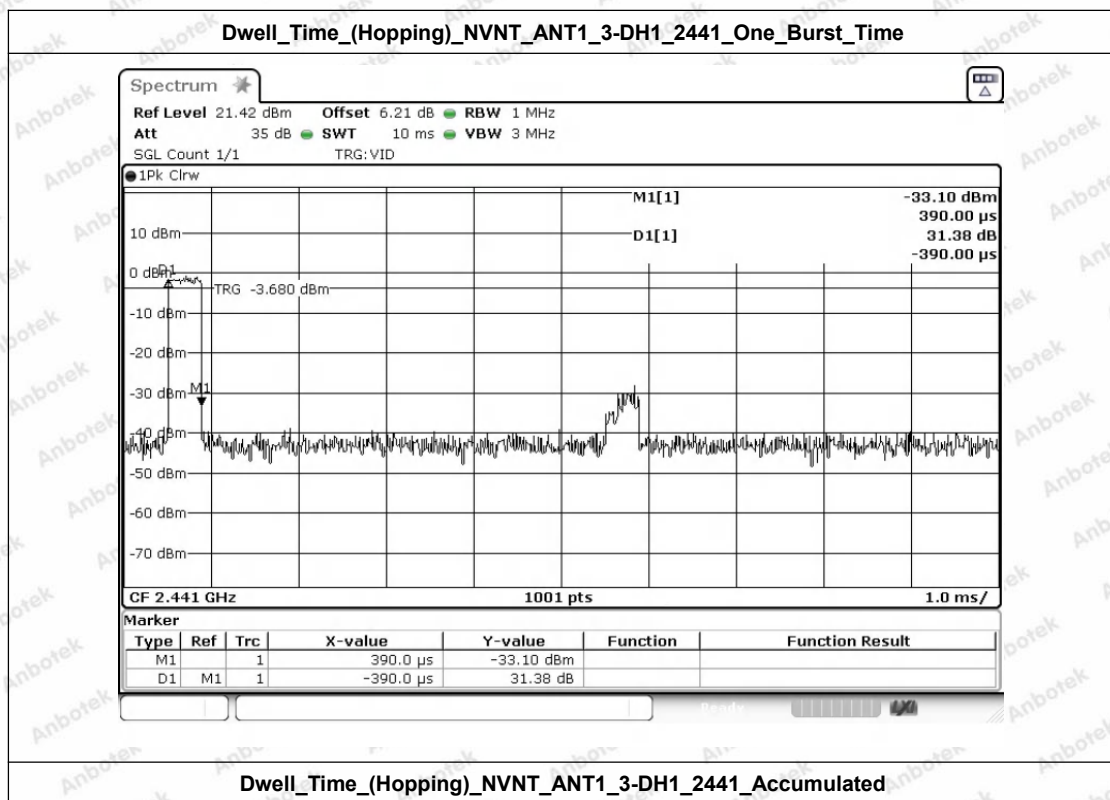
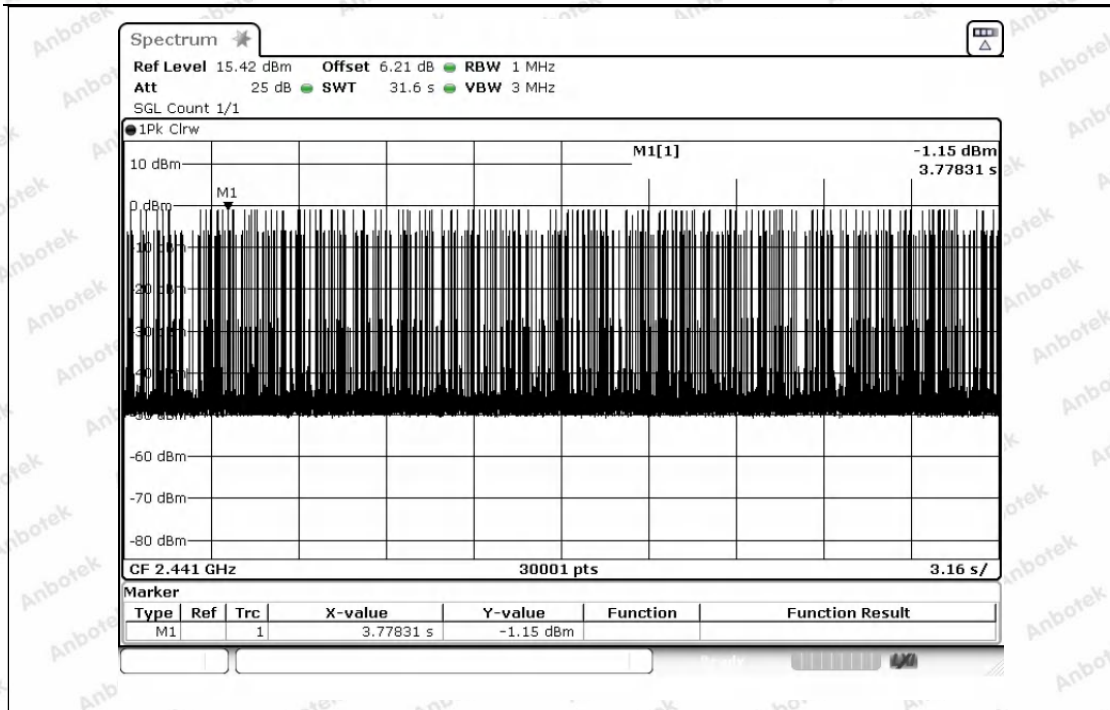
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH1\_2441\_Accumulated





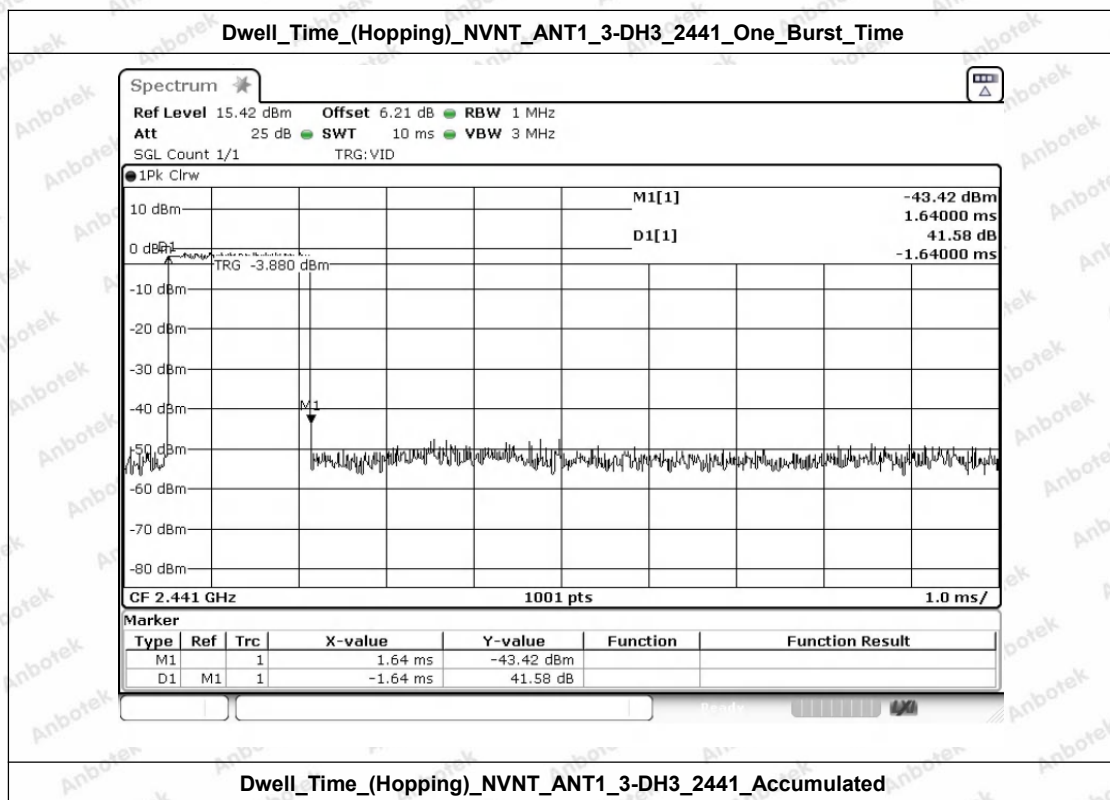
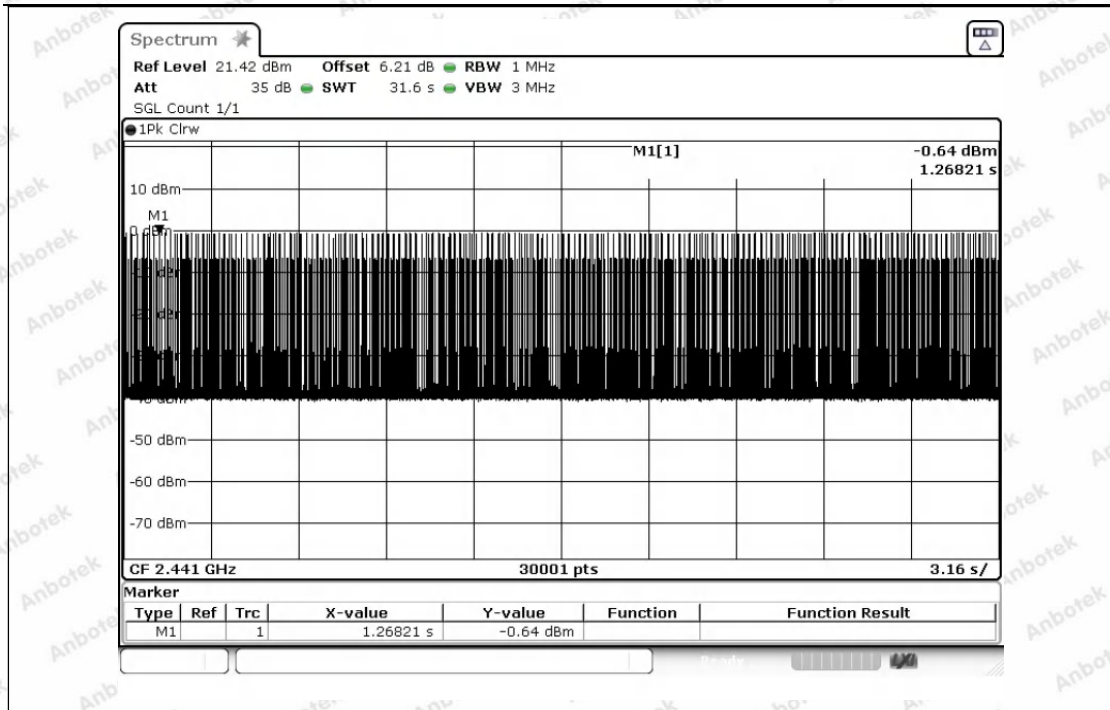
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_2-DH3\_2441\_Accumulated





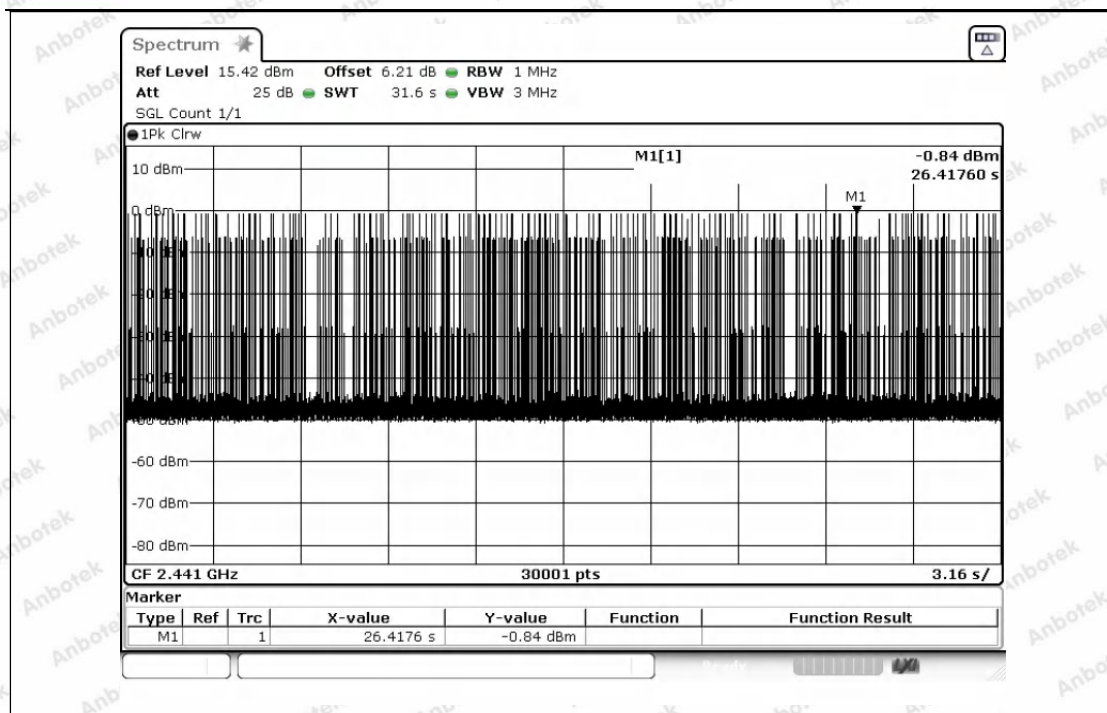
Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH1\_2441\_Accumulated





Dwell\_Time\_(Hopping)\_NVNT\_ANT1\_3-DH3\_2441\_Accumulated





---End---

