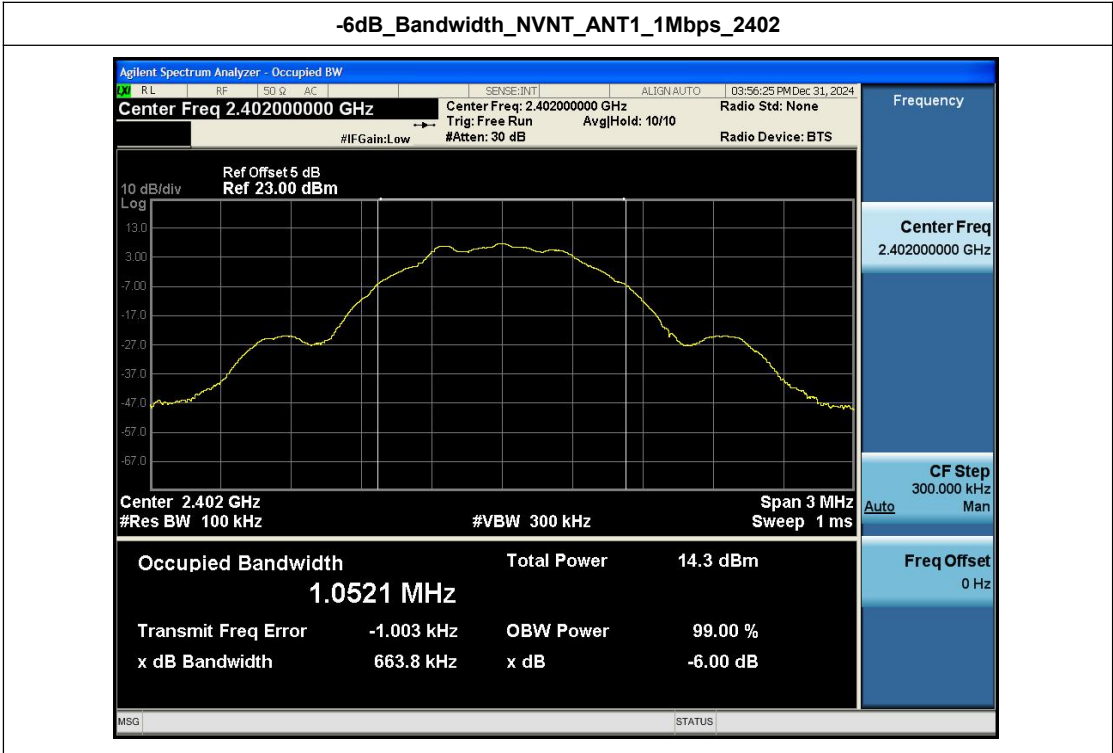


Appendix Test Data

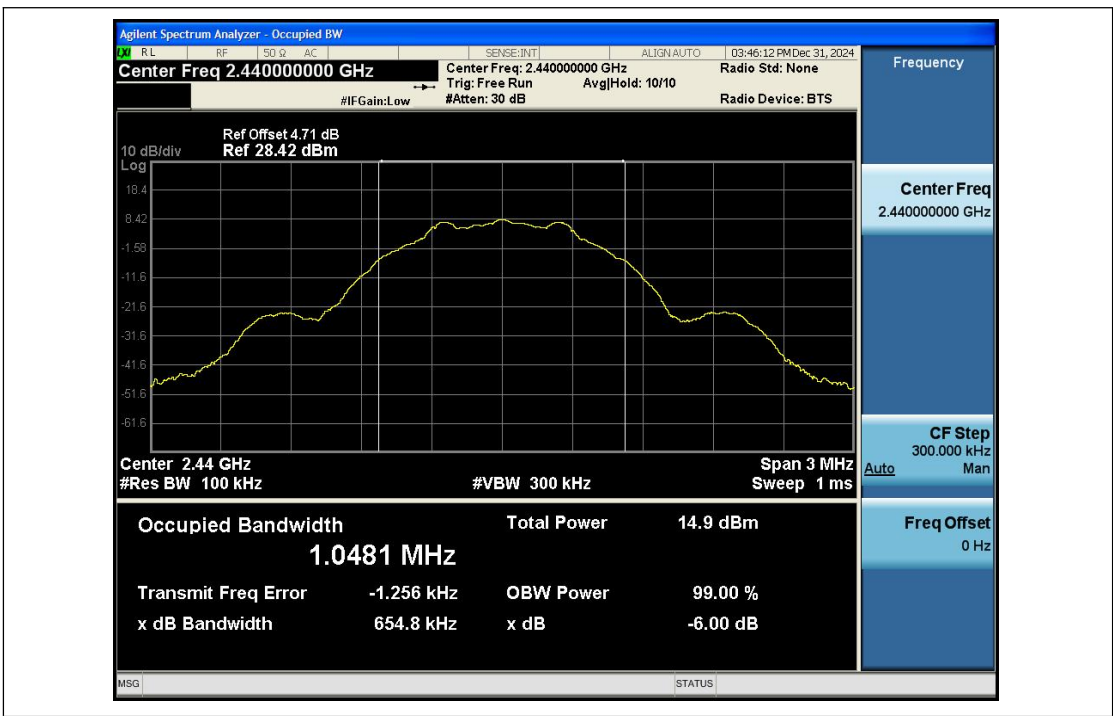
|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No.:      | 1814C40201212501 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2024.12.24       | Finish Test Date:  | 2024.12.31  |
| Test Engineer:   | Joker Huang      | Auditor:           | Justin Feng |
| Temperature:     | 22°C             | Relative Humidity: | 57%         |
| Pressure:        | 101kPa           |                    |             |

Appendix A: -6dB Bandwidth

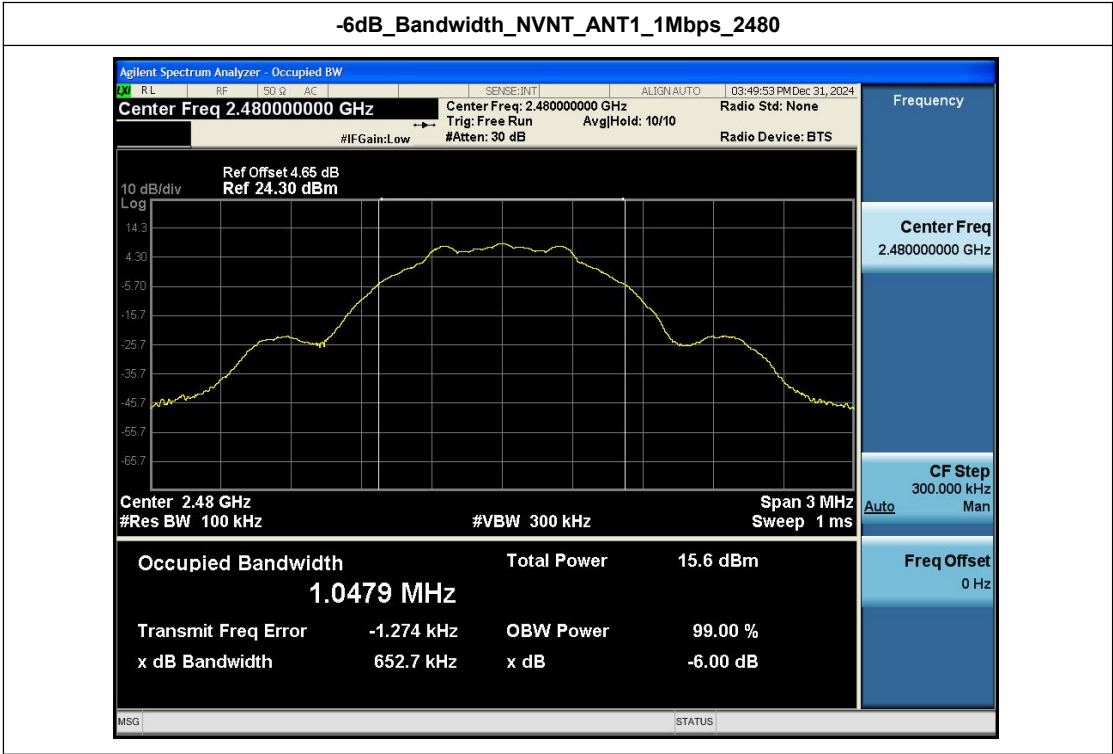
| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 663.78       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 654.81       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 652.75       | 500        | Pass   |



-6dB\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2440



-6dB\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2480



## Appendix B: 99% Occupied Bandwidth

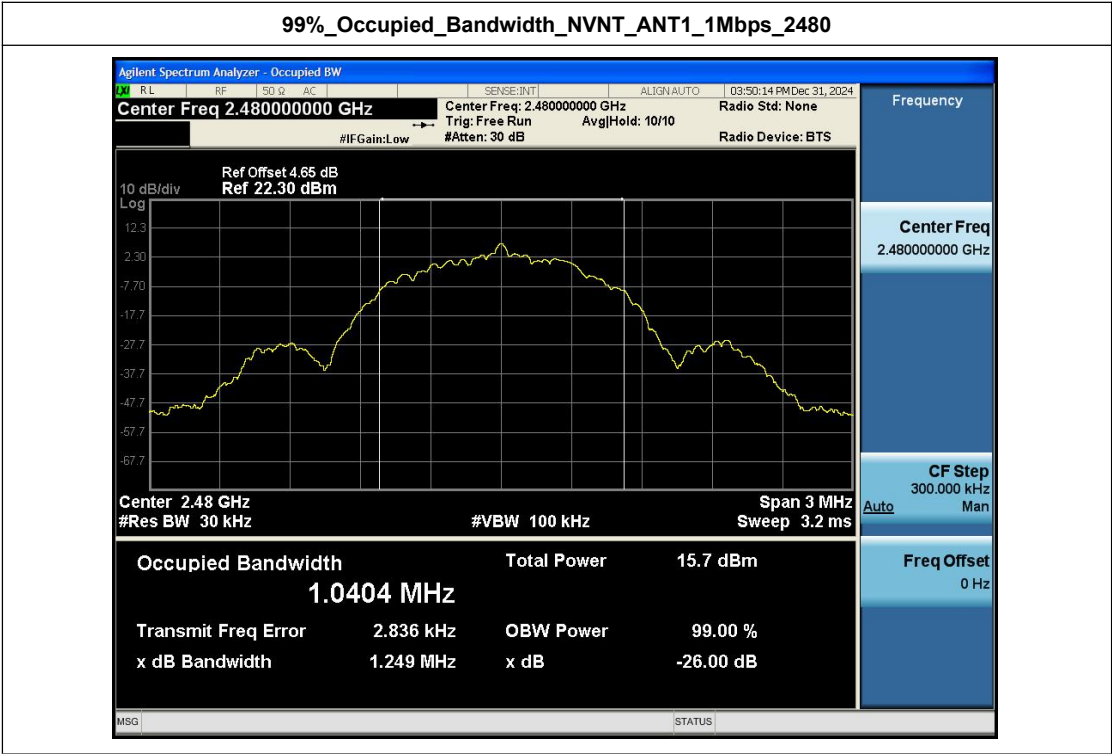
| Condition | Antenna | Rate  | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|-------|-----------------|--------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.040        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.037        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.040        |

99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2402



99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2440





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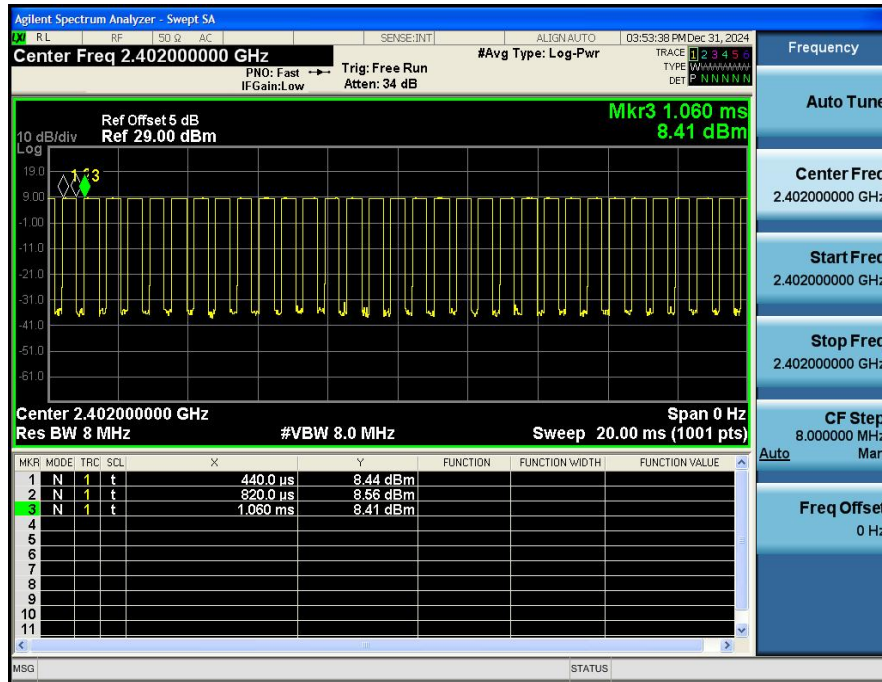
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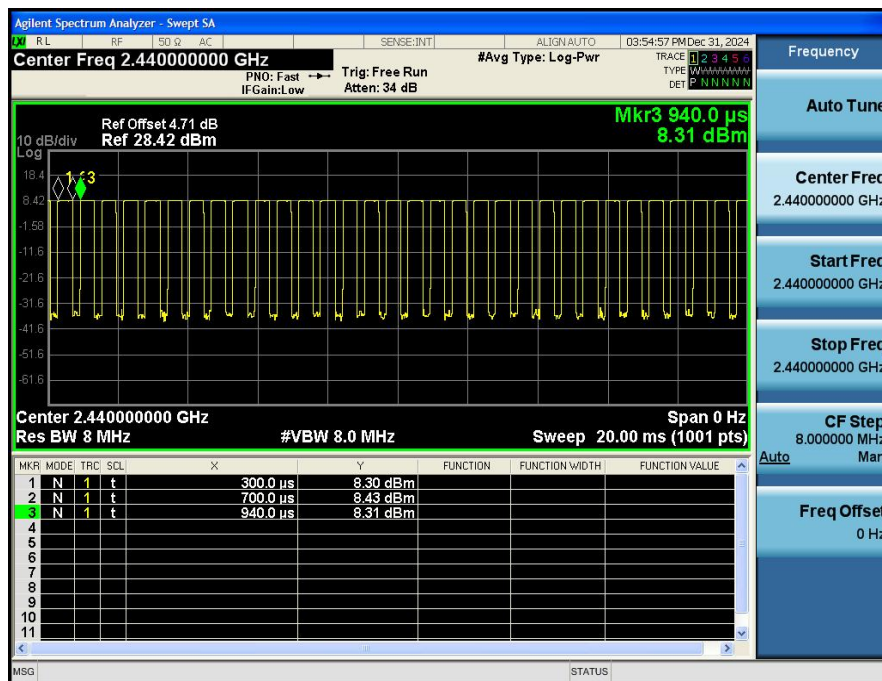
## Appendix C: Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 64.52        | 1.90        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 65.63        | 1.83        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 67.74        | 1.69        |

Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2402



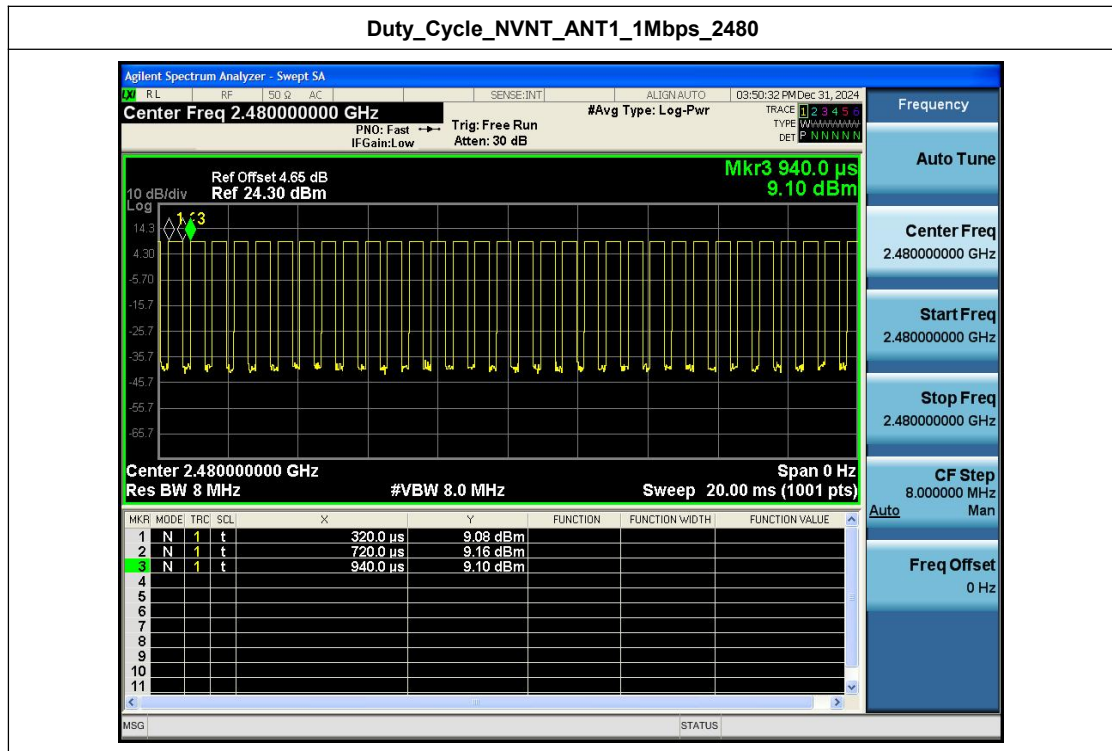
Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2440



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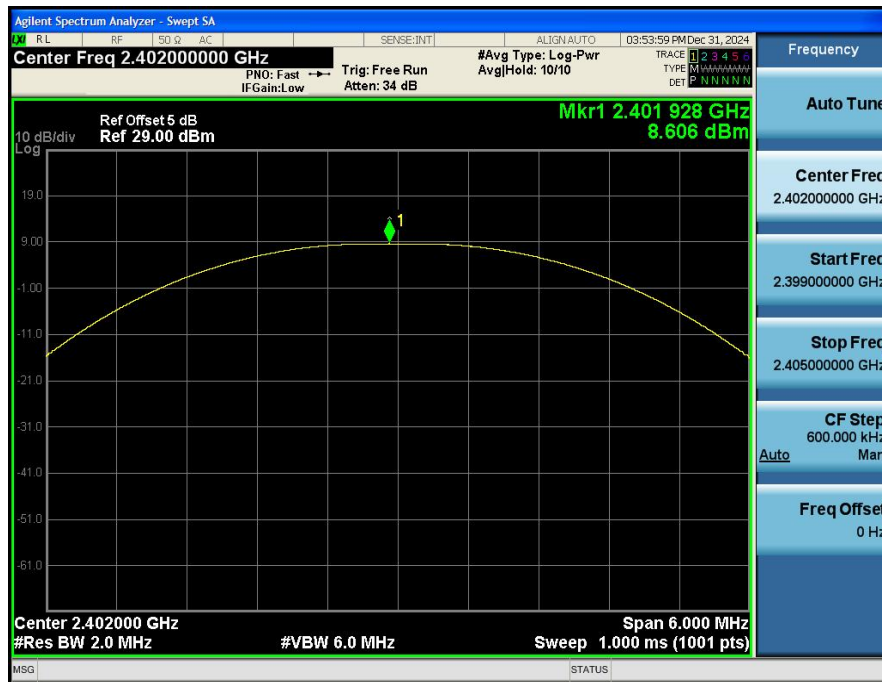
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## Appendix D: Peak Output Power

| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 8.61                      | 7.25                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 8.46                      | 7.02                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 9.22                      | 8.35                     | 1000      | Pass   |

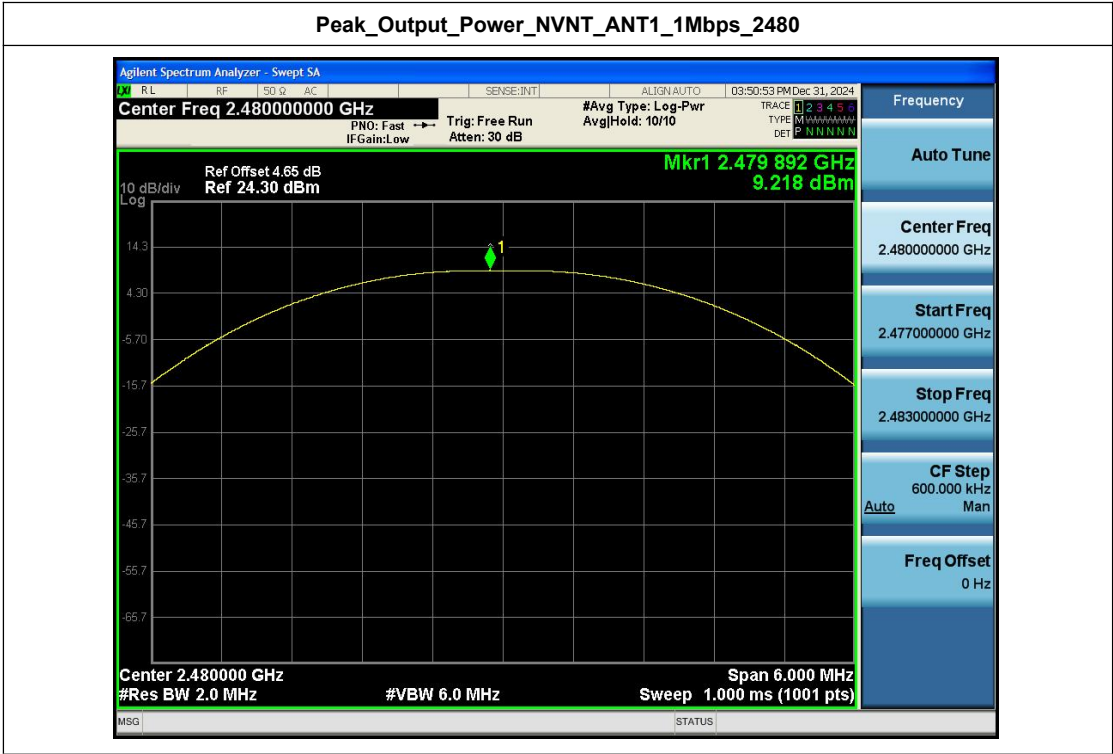
Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2402



Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2440



Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480



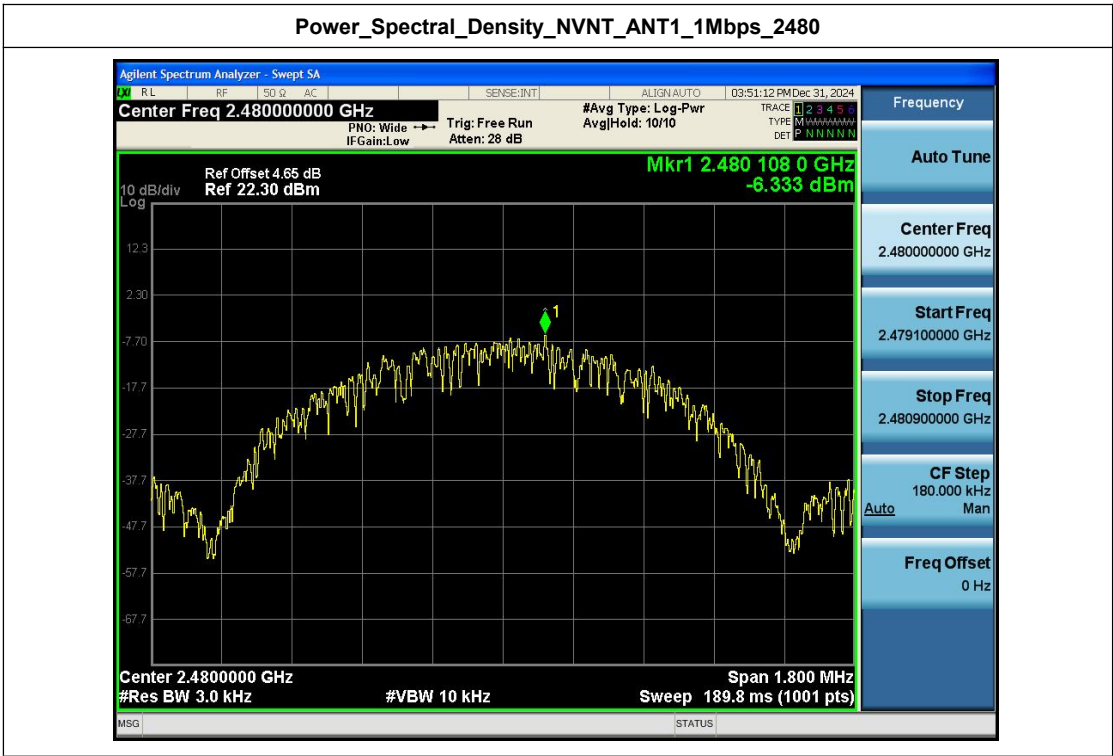
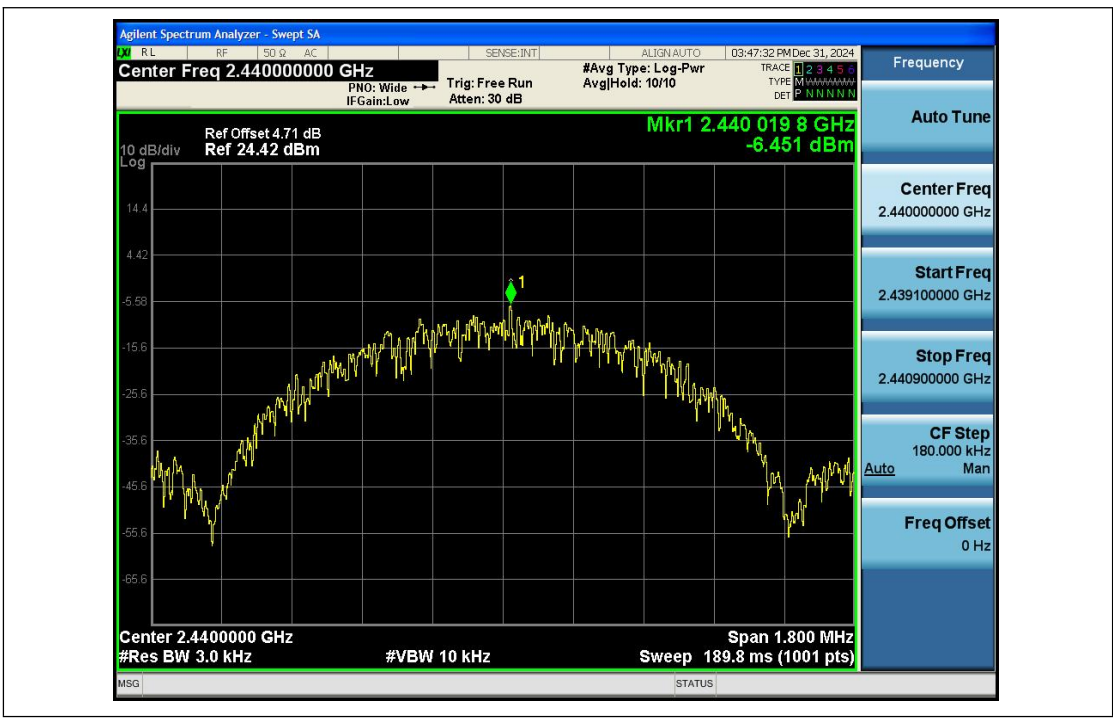
## Appendix E: Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm/3kHz) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|----------------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -6.43                            | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -6.45                            | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -6.33                            | 8               | Pass   |

Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2402



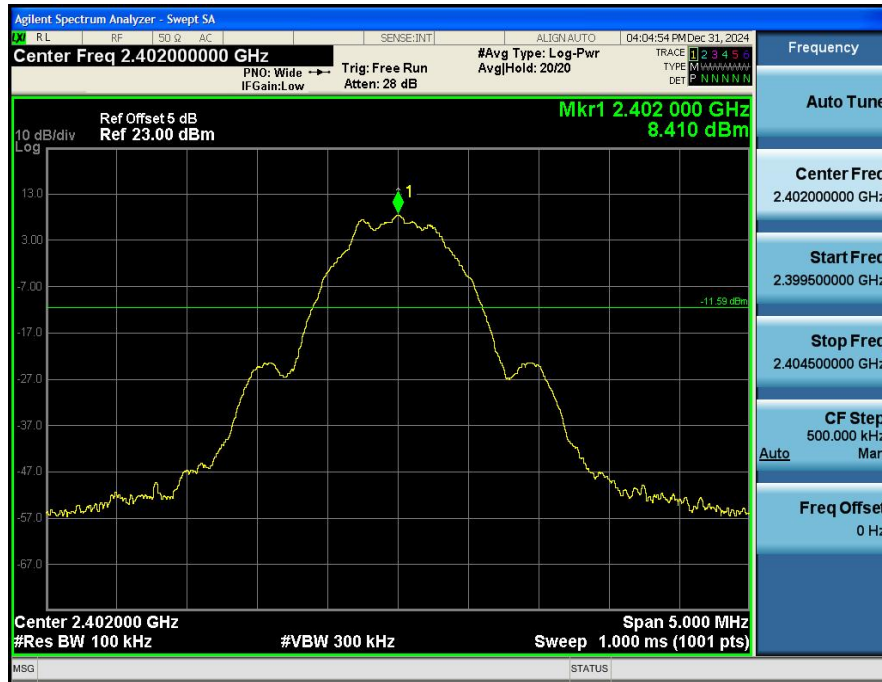
Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2440



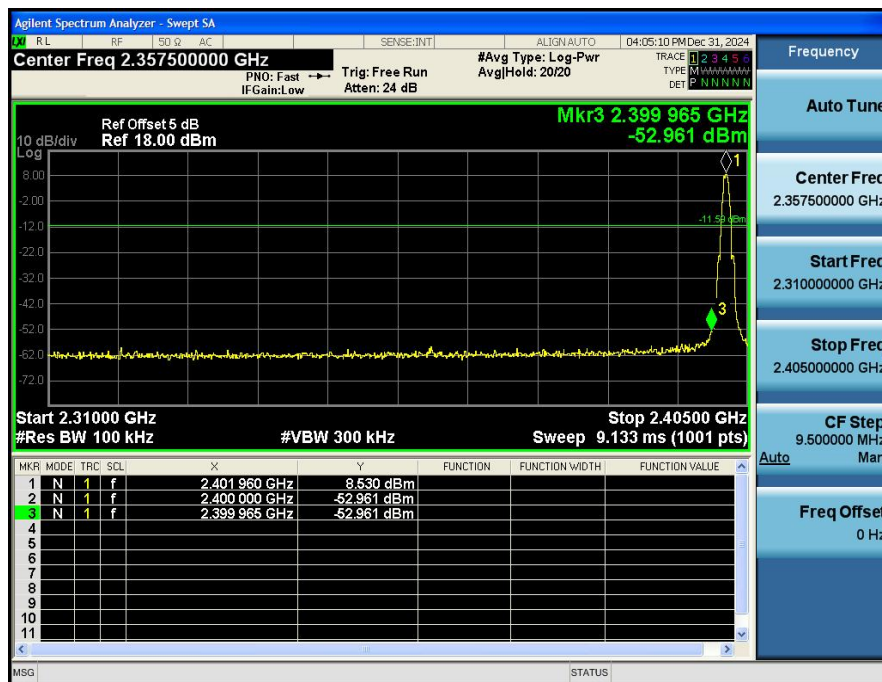
## Appendix F: Bandedge

| Condition | Antenna | Modulation | TX_Frequency (MHz) | Max. Mark_freq(MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|---------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | 2399.965            | 8.410          | -52.961             | -11.590    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | 2486.375            | 8.496          | -54.246             | -11.504    | Pass   |

1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2402

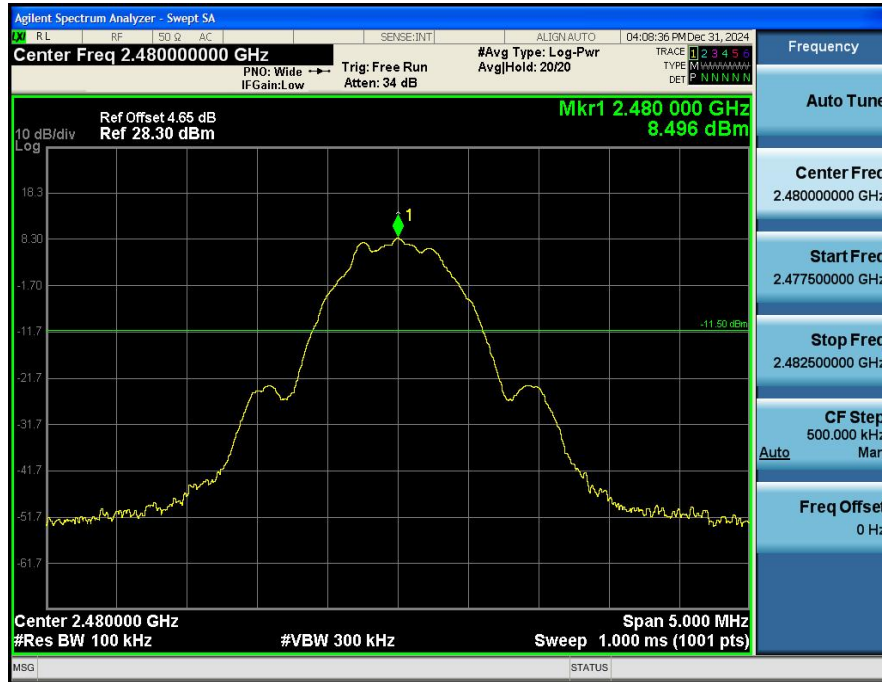


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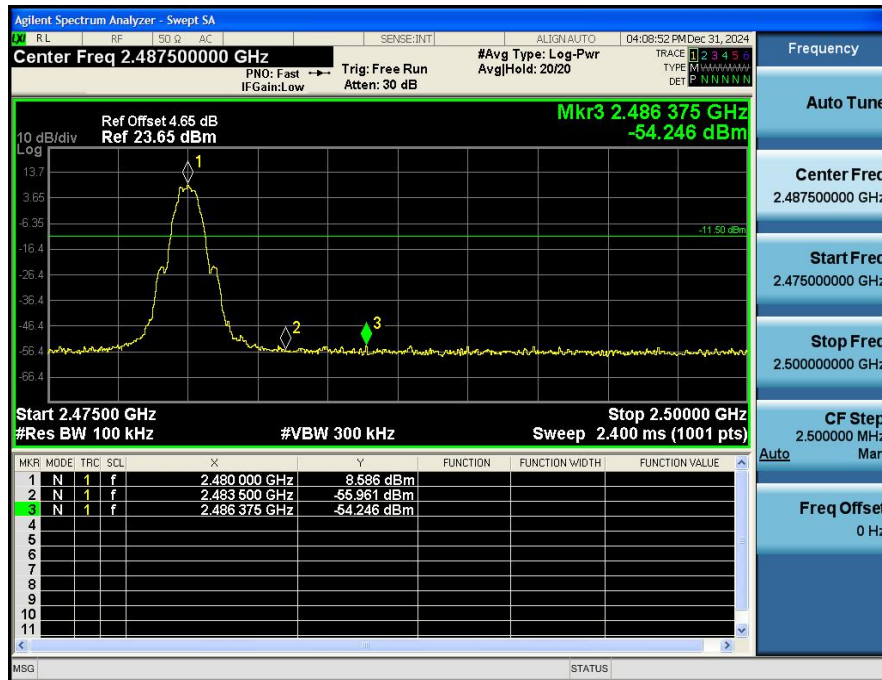
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### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



### 2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



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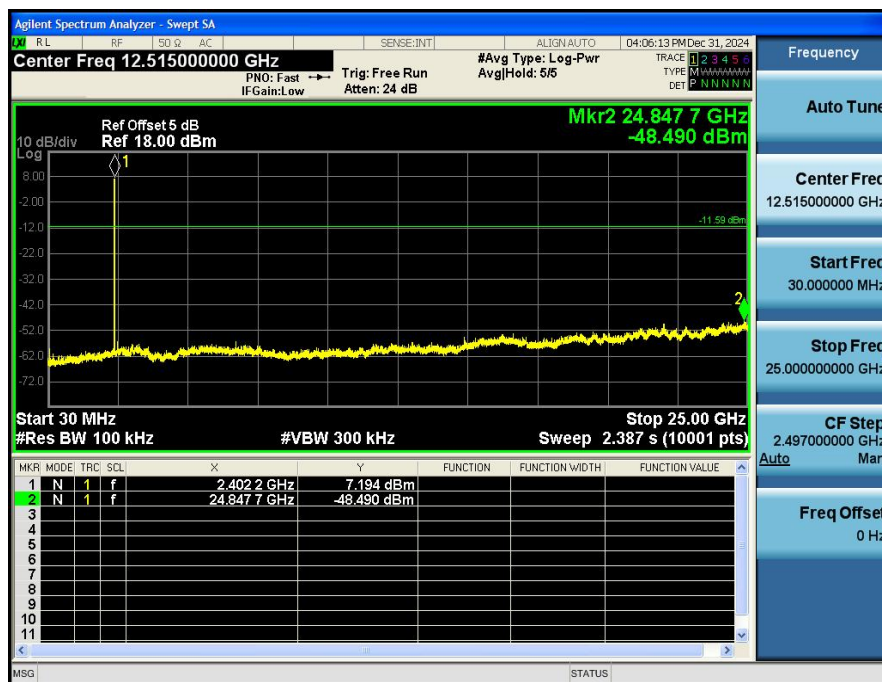
## Appendix G: Spurious Emission

| Condition | Antenna | Modulation | TX_Frequency (MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | 8.410          | -48.490             | -11.590    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2440.00            | 8.254          | -44.757             | -11.746    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | 8.496          | -44.761             | -11.504    | Pass   |

1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2402

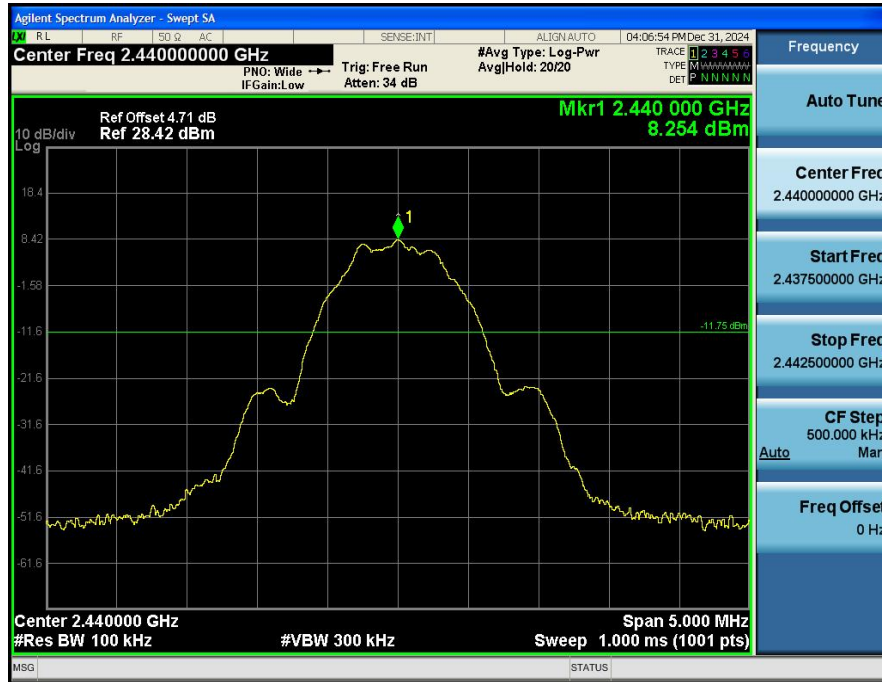


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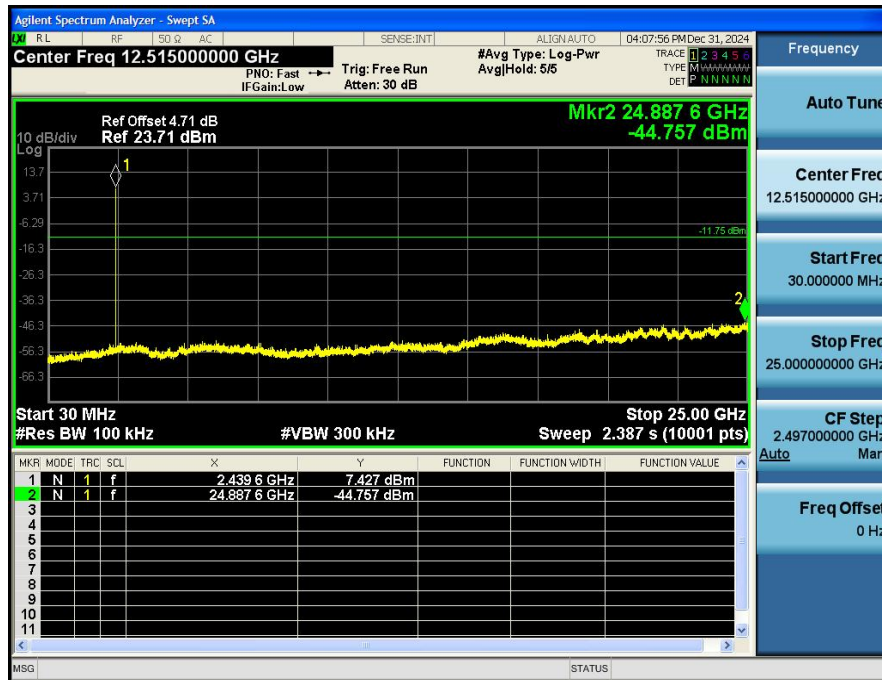
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### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



### 2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440



### 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480

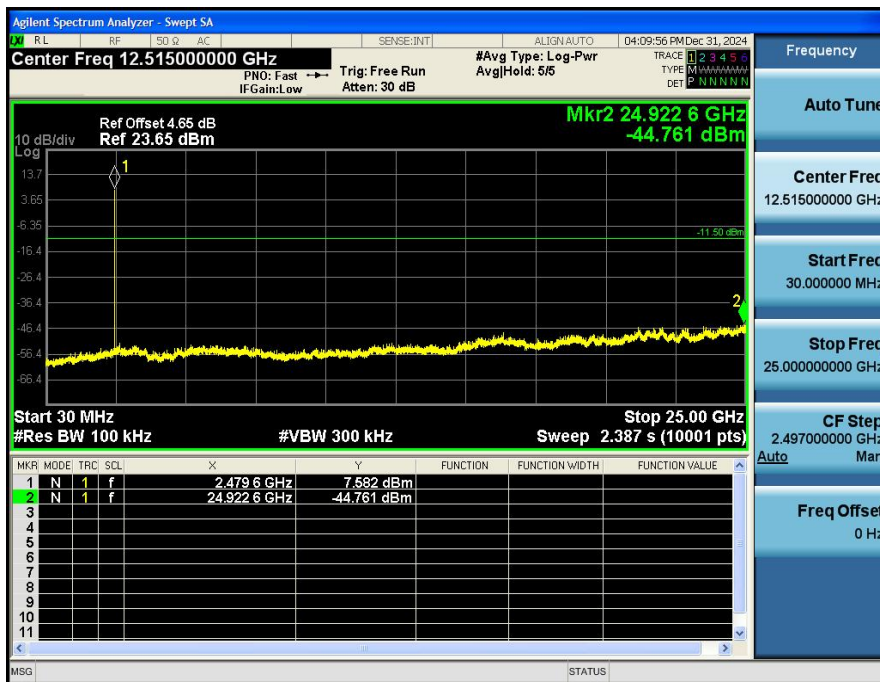
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2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2480



---END---