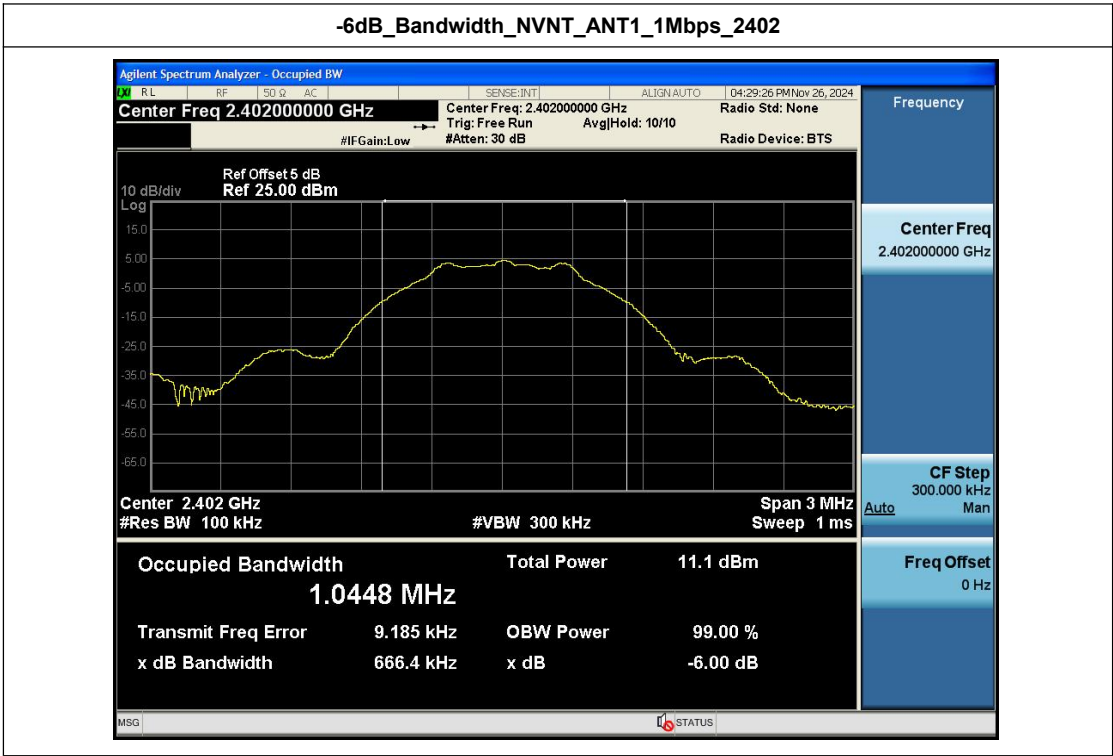


Appendix Test Data

|                  |                   |                    |                    |
|------------------|-------------------|--------------------|--------------------|
| Report No.:      | 1812C40152612502  | Test Sample No.:   | 1-2-2              |
| Start Test Date: | 2024.11.25        | Finish Test Date:  | 2024.12.11         |
| Test Engineer:   | <i>Joker Wang</i> | Auditor:           | <i>Justin Feng</i> |
| Temperature:     | 23.8℃             | Relative Humidity: | 57%                |
| Pressure:        | 101kPa            |                    |                    |

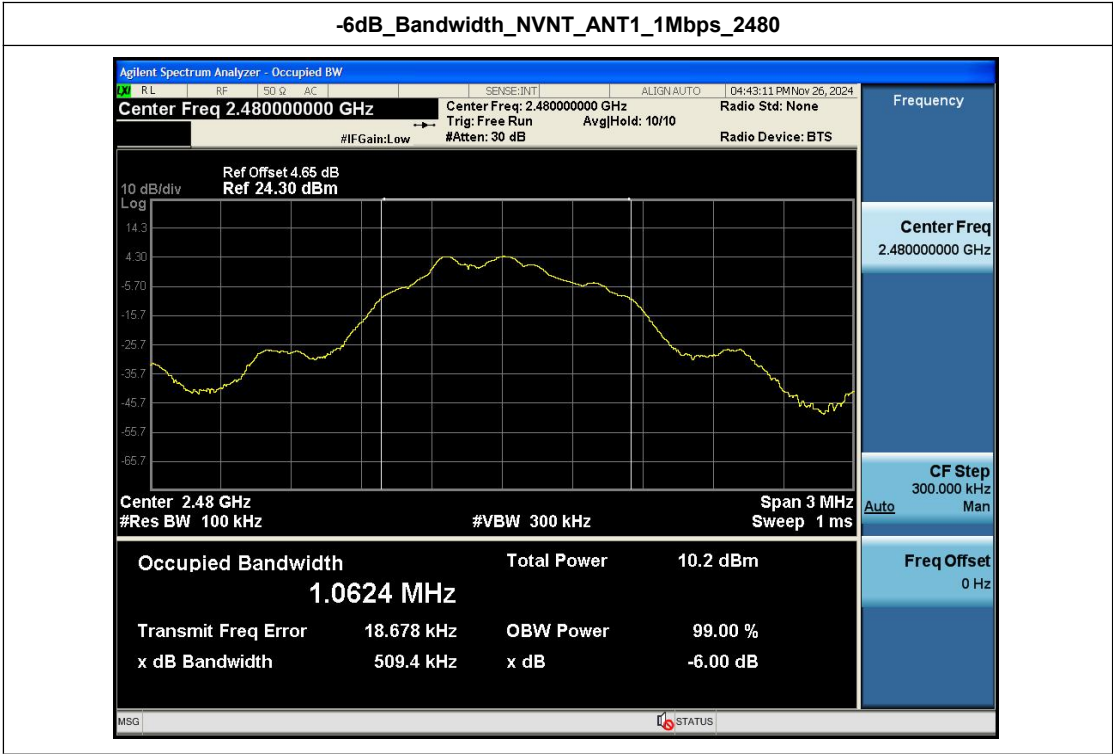
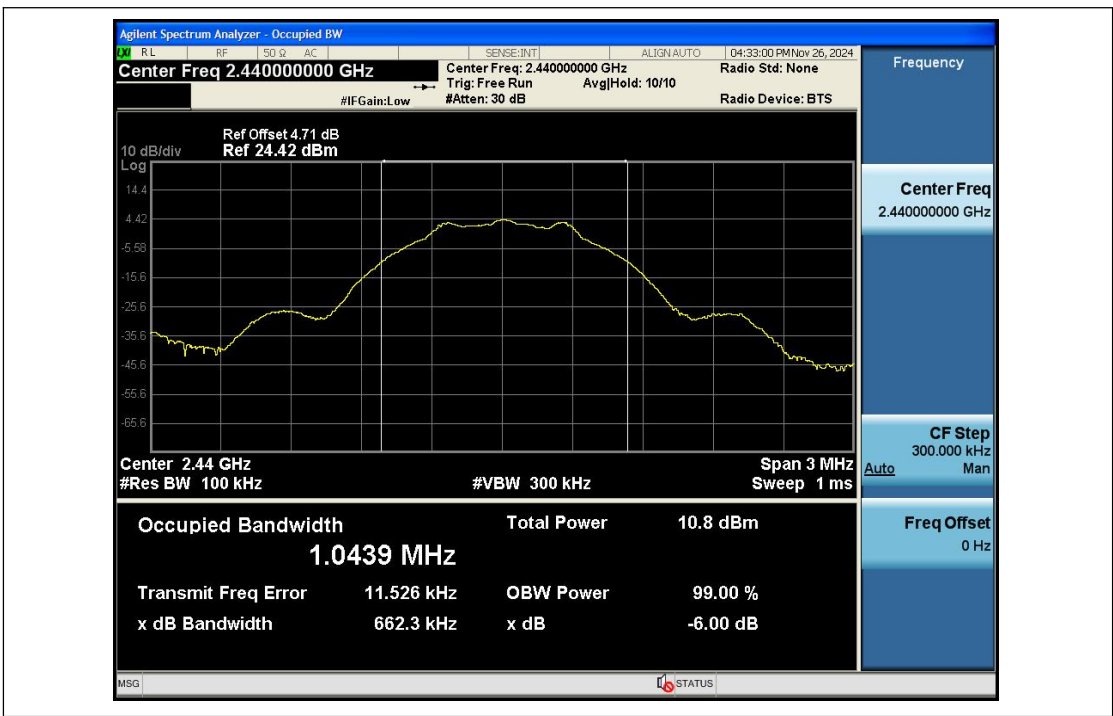
Appendix A: -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 666.39       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 662.27       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 509.43       | 500        | Pass   |



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





## Appendix B: 99% Occupied Bandwidth

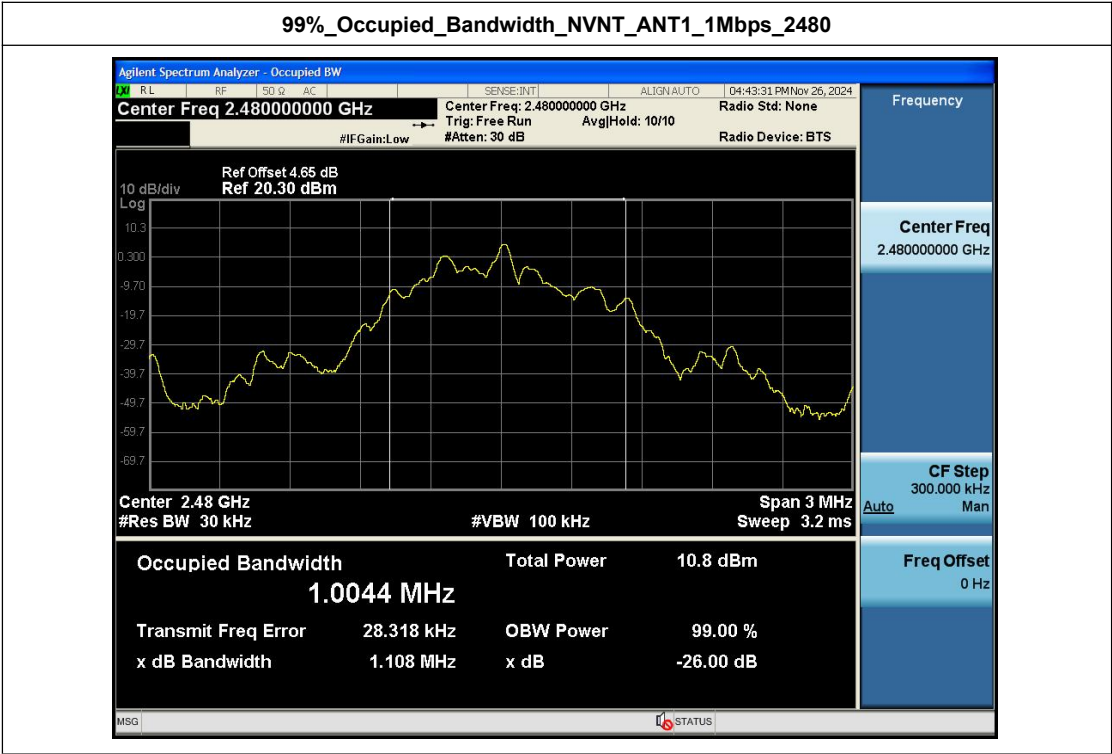
| Condition | Antenna | Rate  | Frequency (MHz) | 99%BW(MHz) |
|-----------|---------|-------|-----------------|------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.027      |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.026      |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.004      |

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



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





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Tel: (86) 0755-26066440 Email: service@anbotek.com

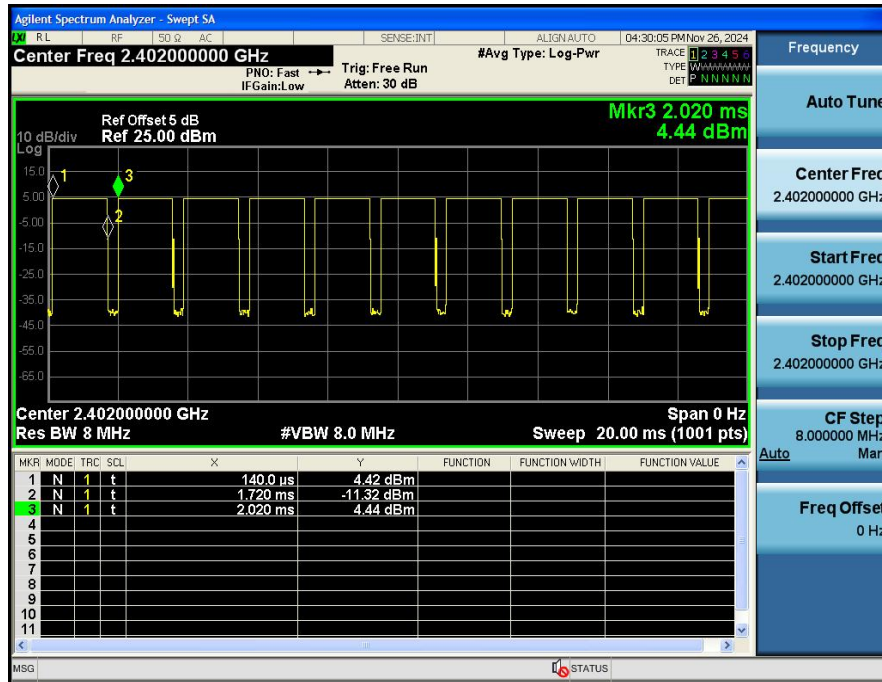
Hotline  
400-003-0500  
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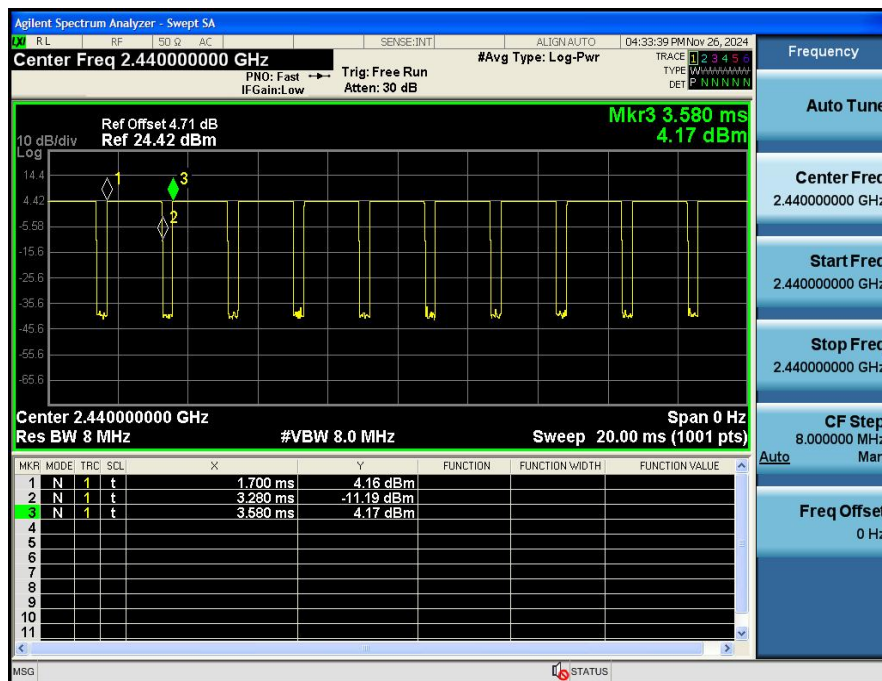
## Appendix C: Duty Cycle

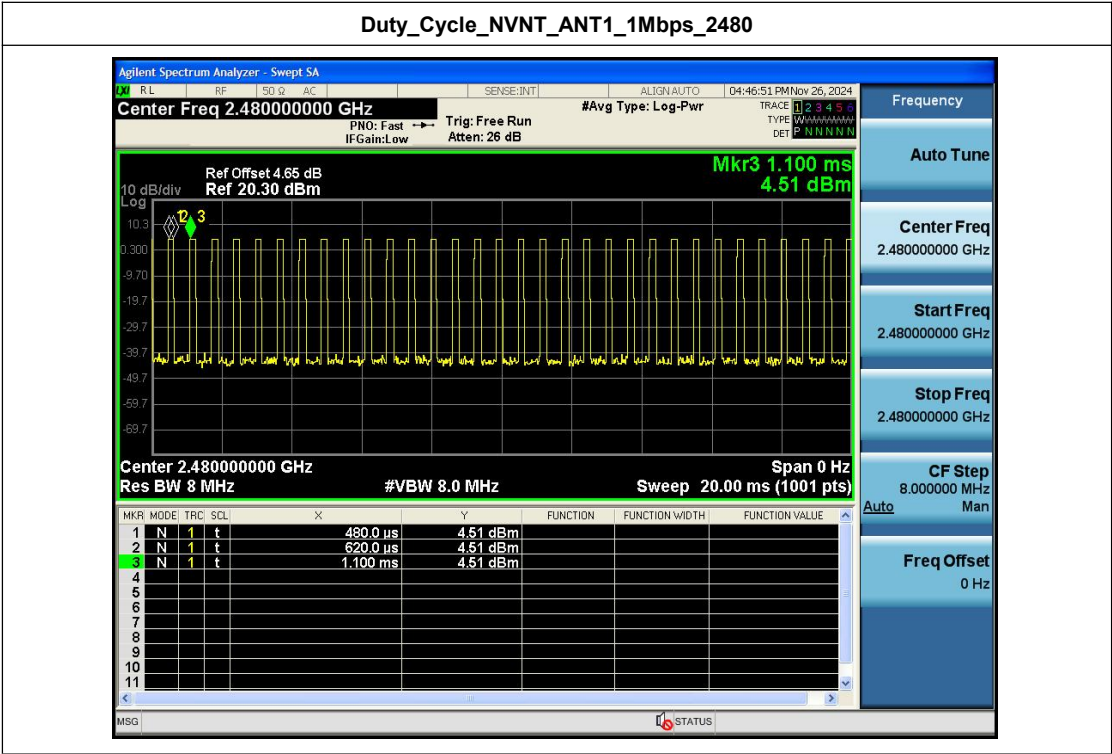
| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 84.04        | 0.76        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 85.11        | 0.70        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 25.81        | 5.88        |

Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2402



Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2440





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## Appendix D: Peak Output Power

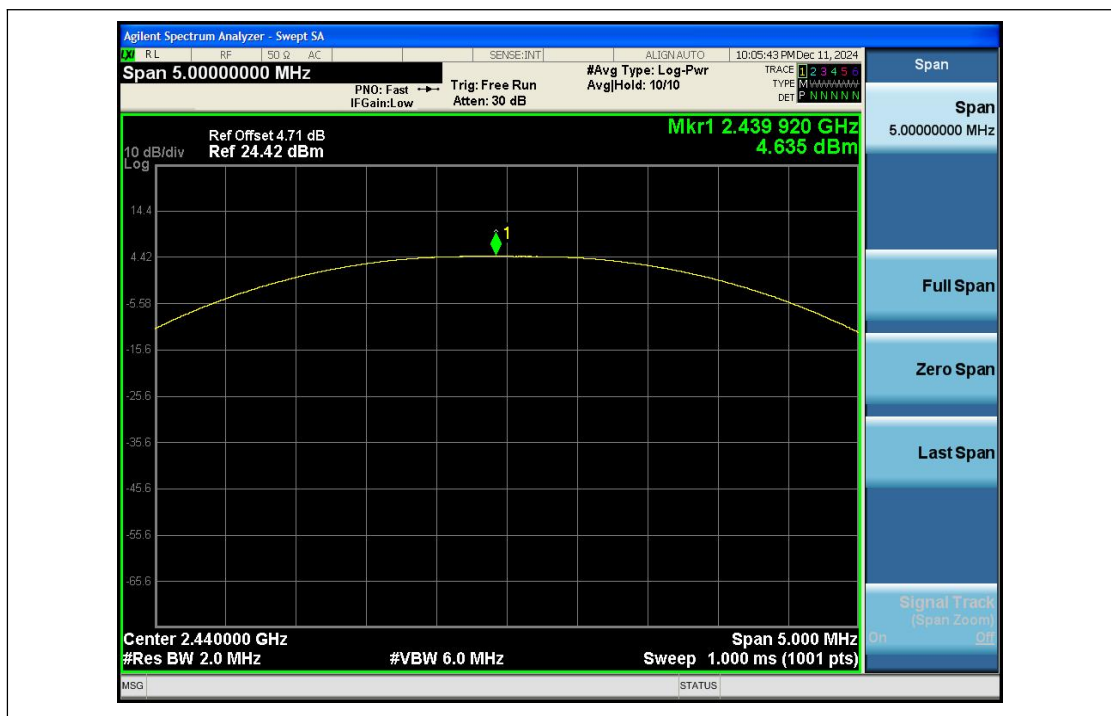
| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 5.69                      | 3.71                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 4.63                      | 2.91                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 5.21                      | 3.32                     | 1000      | Pass   |

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

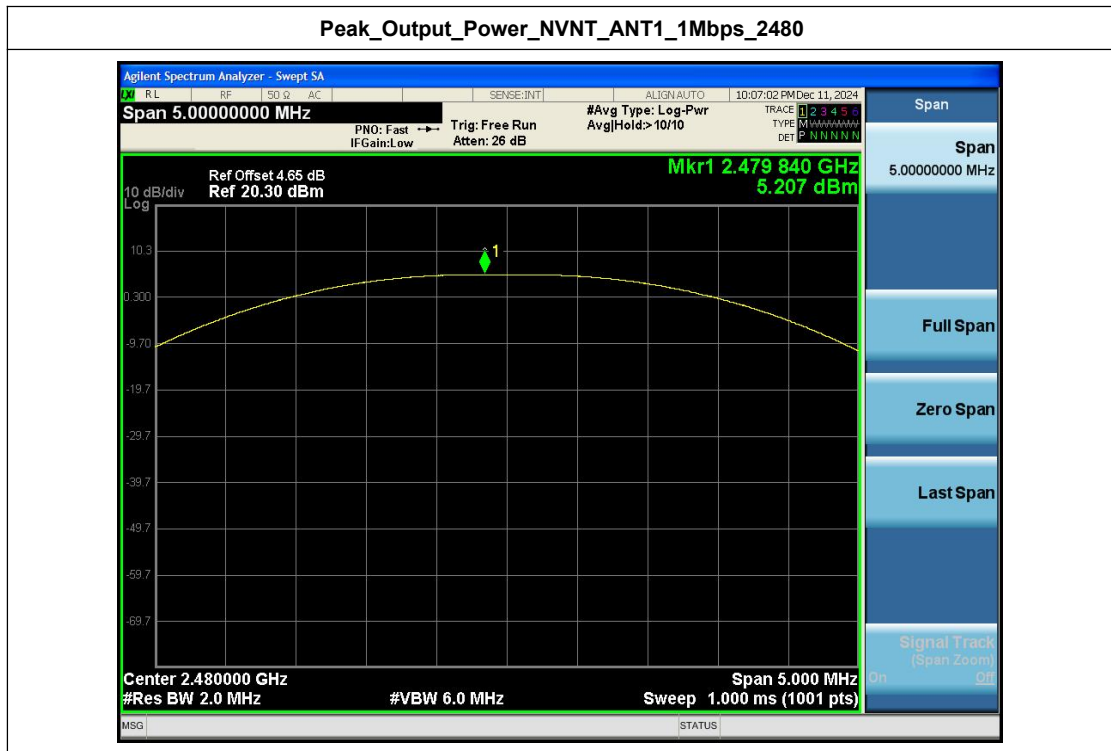


Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2440





### 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         | -5.58                            | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -6.02                            | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -5.21                            | 8               | Pass   |

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

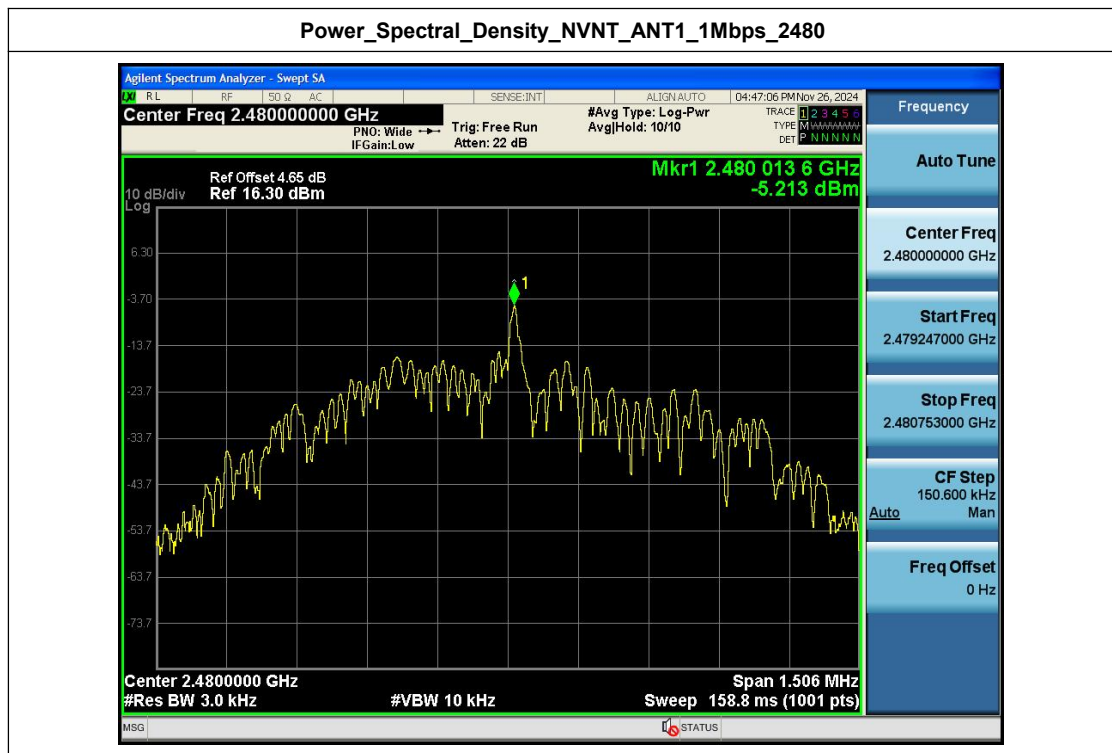


Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2440





Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480



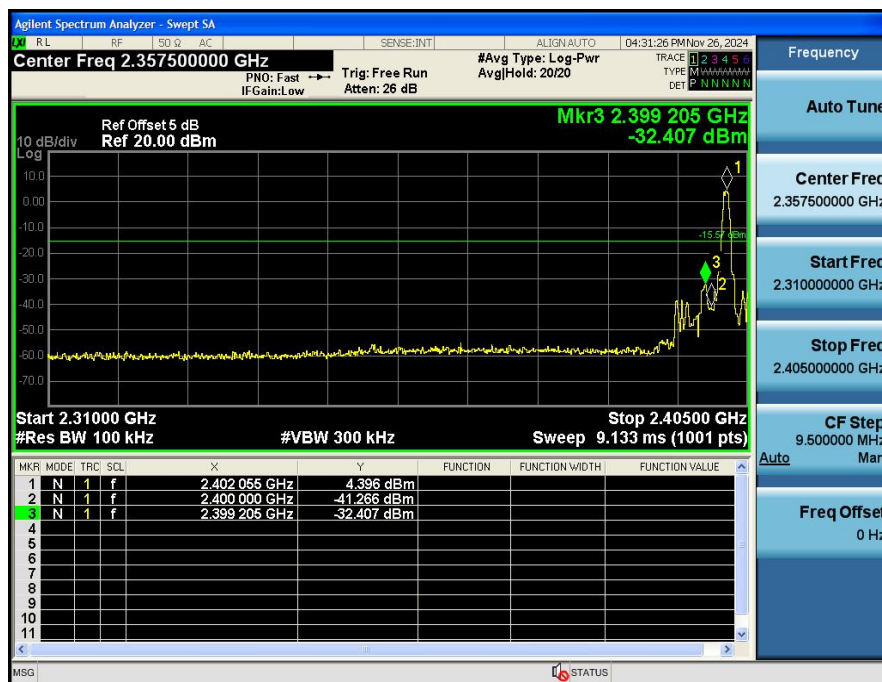
## Appendix F: Bandedge

| Condition | Antenna | Rate  | TX_Frequency (MHz) | Max. Mark Frequency (MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-------|--------------------|---------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00            | 2399.205                  | -32.407             | -15.568    | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00            | 2484.775                  | -35.854             | -15.387    | Pass   |

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



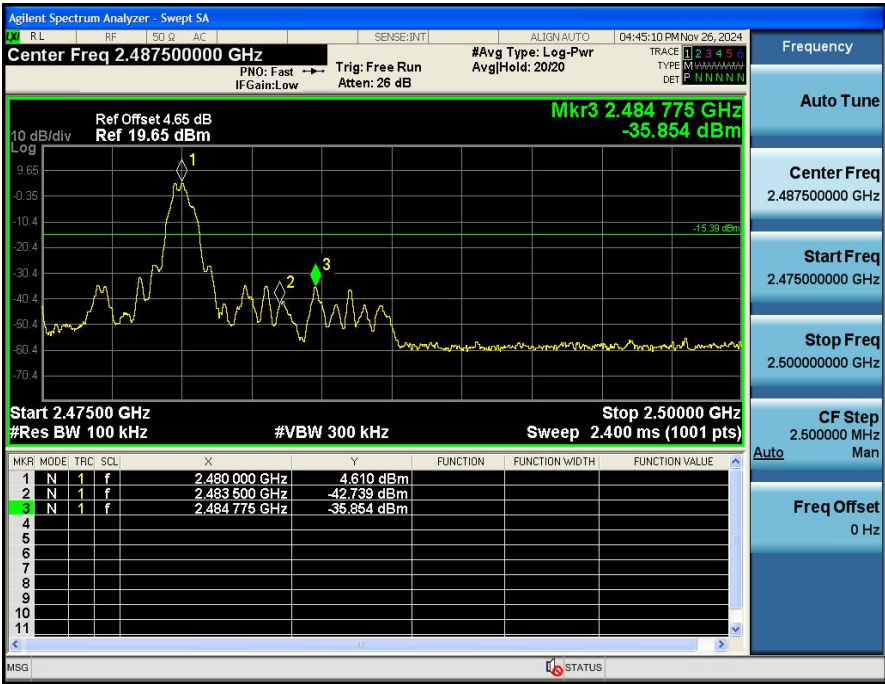
2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2402



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



2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



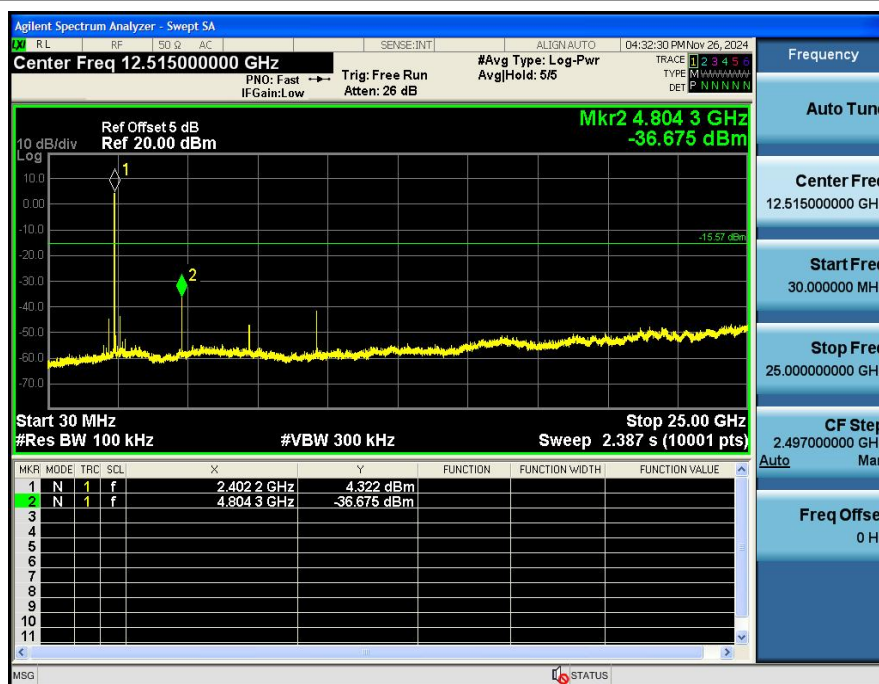
## Appendix G: Spurious Emission

| Condition | Antenna | Rate  | TX_Frequency(MHz) | Spurious<br>MAX.Value(dBm) | Limit   | Result |
|-----------|---------|-------|-------------------|----------------------------|---------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00           | -36.675                    | -15.568 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00           | -38.575                    | -15.846 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00           | -36.561                    | -15.387 | Pass   |

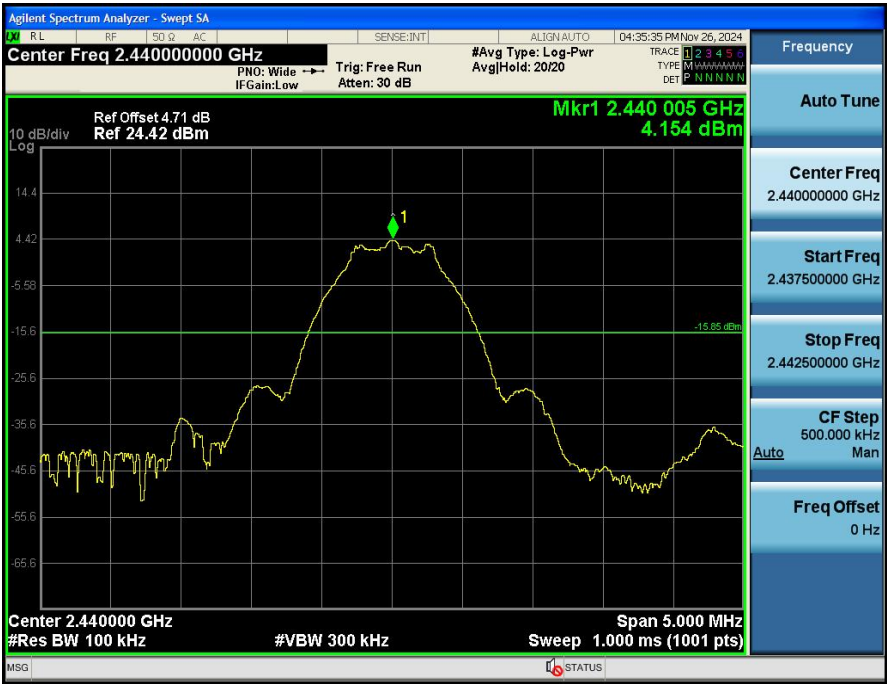
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



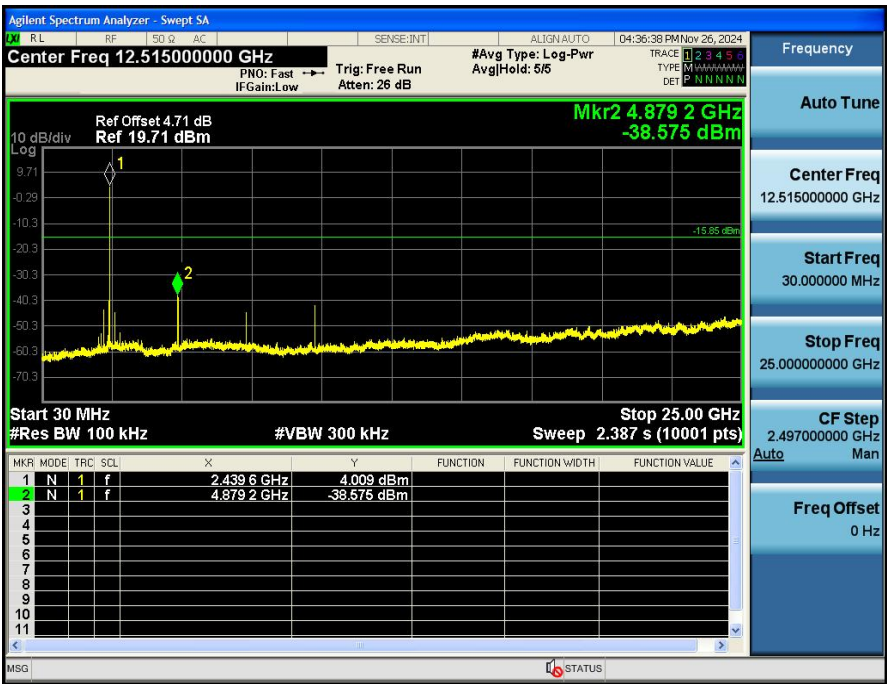
2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2402



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



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



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



