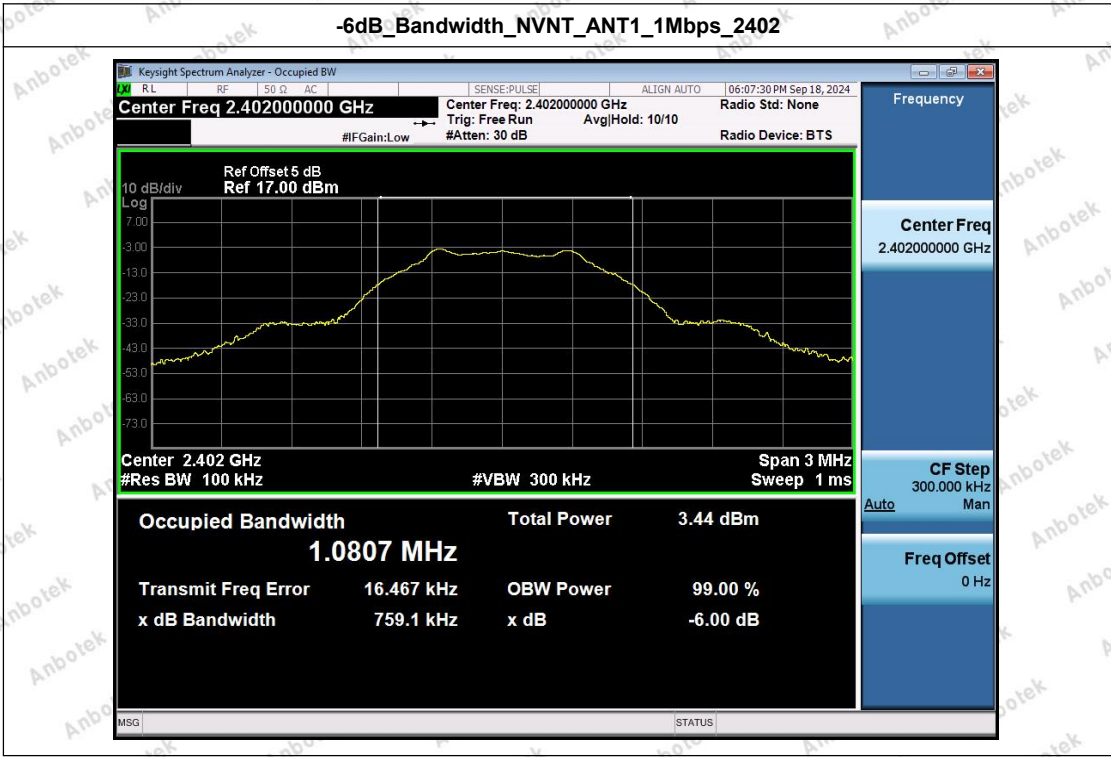


Appendix Test Data

|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No.:      | 1812C40079612501 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2024.9.18        | Finish Test Date:  | 2024.9.18   |
| Test Engineer:   | Joker Wang       | Auditor:           | Justin Feng |
| Temperature:     | 23.7°C           | Relative Humidity: | 49%         |
| Pressure:        | 101kPa           |                    |             |

Appendix A: -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 759.08       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 998.12       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 738.57       | 500        | Pass   |



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



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



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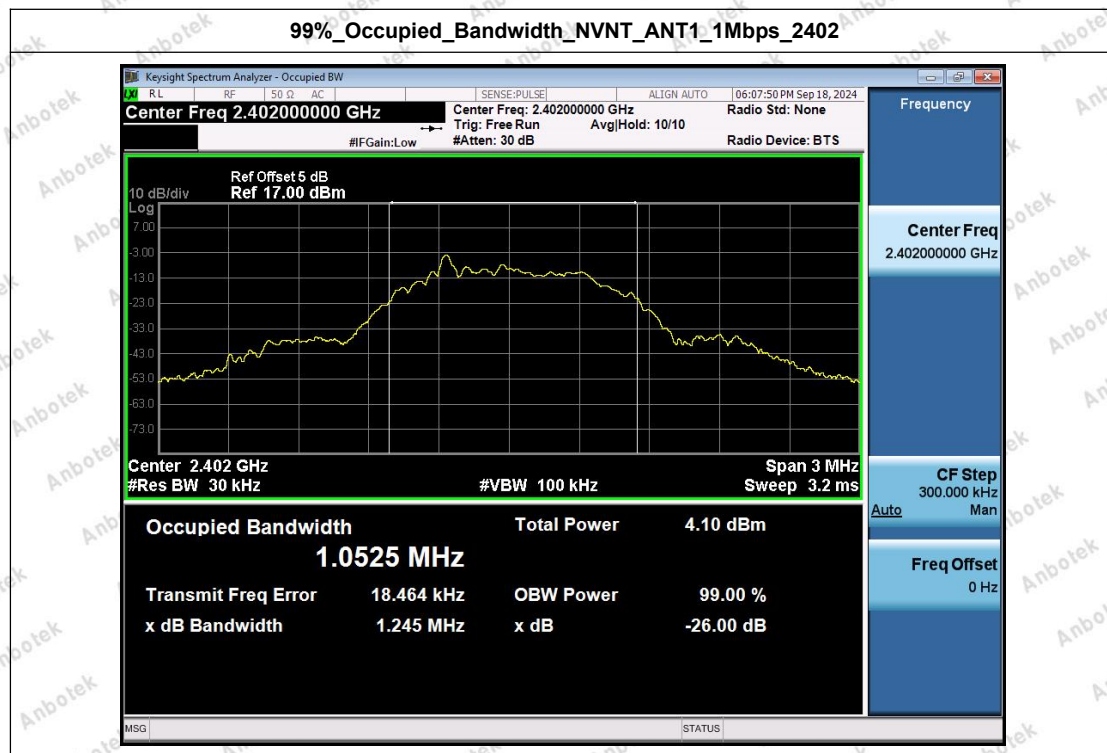
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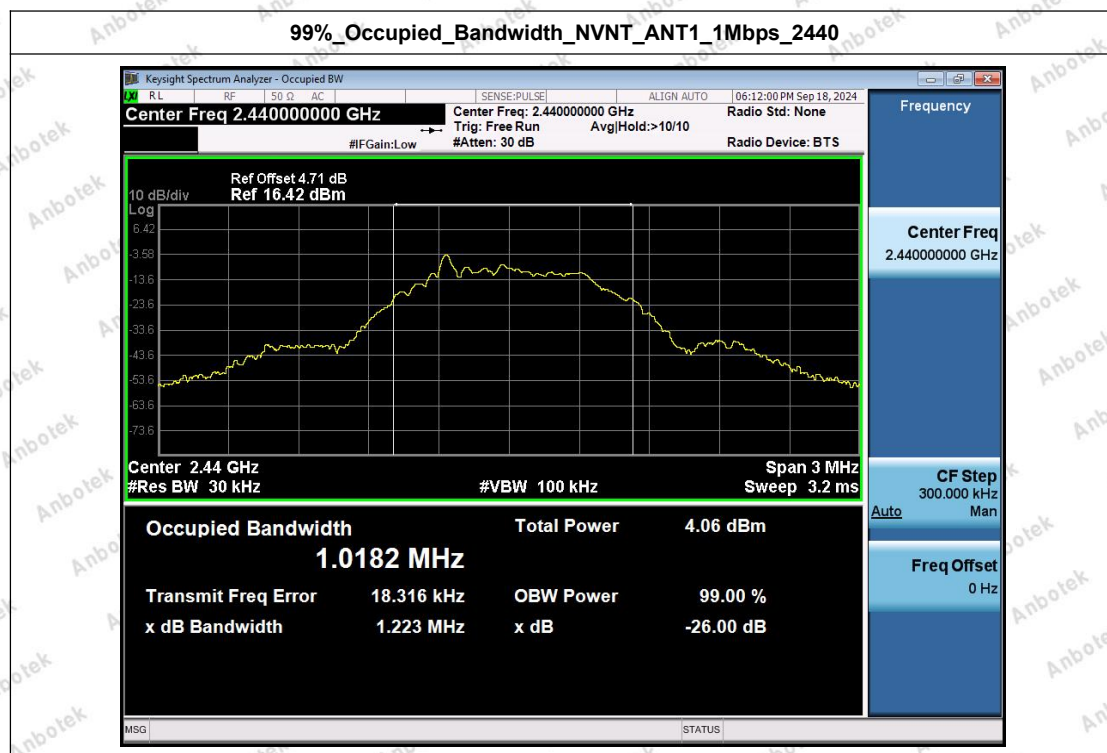
## Appendix B: 99% Occupied Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|-------|-----------------|--------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.053        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.018        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.030        |

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



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



## 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2480



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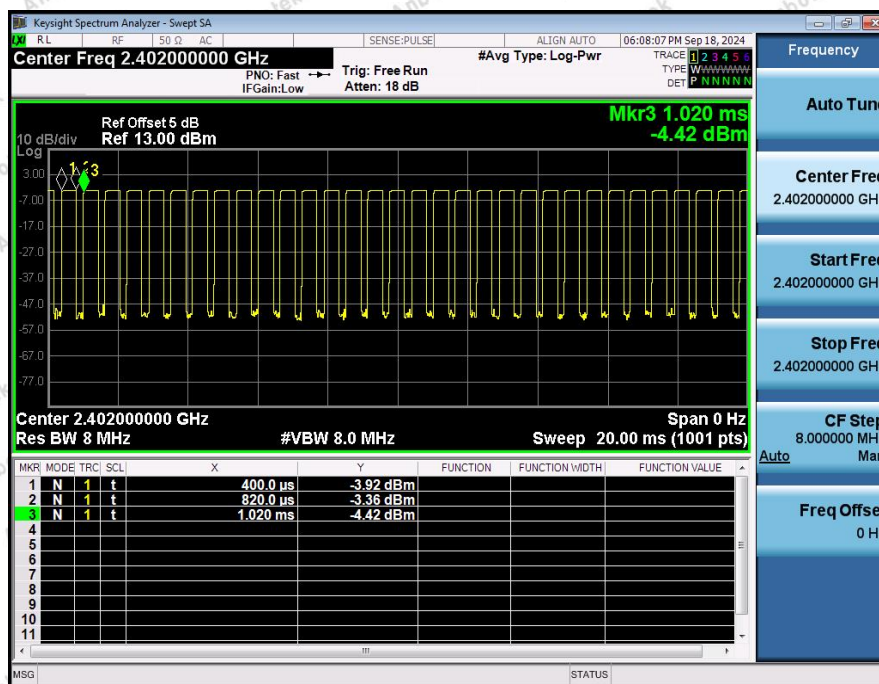
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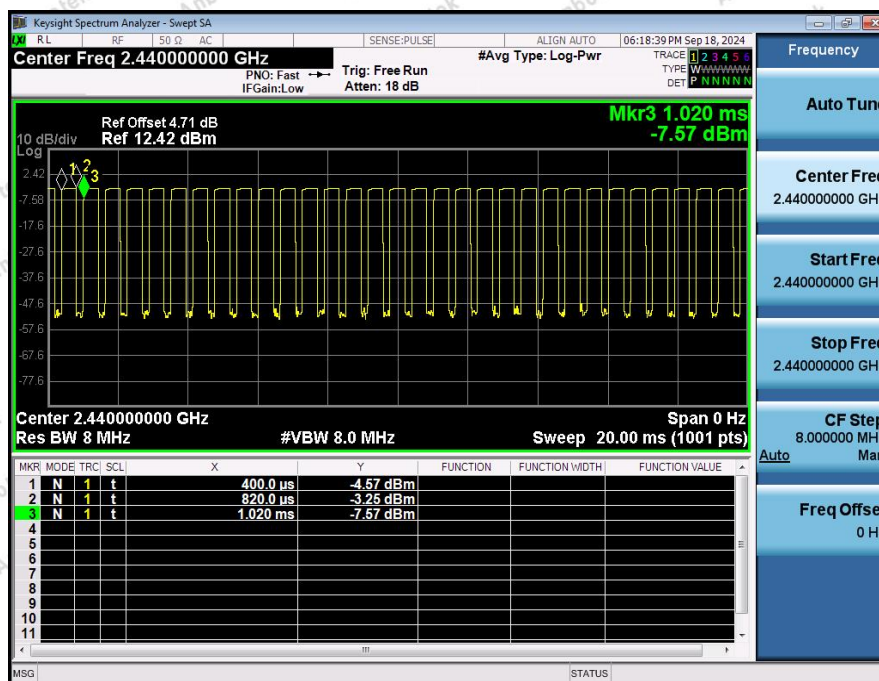
## Appendix C: Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 70.97        | 1.49        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 70.97        | 1.49        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 70.97        | 1.49        |

Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2402



Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2440



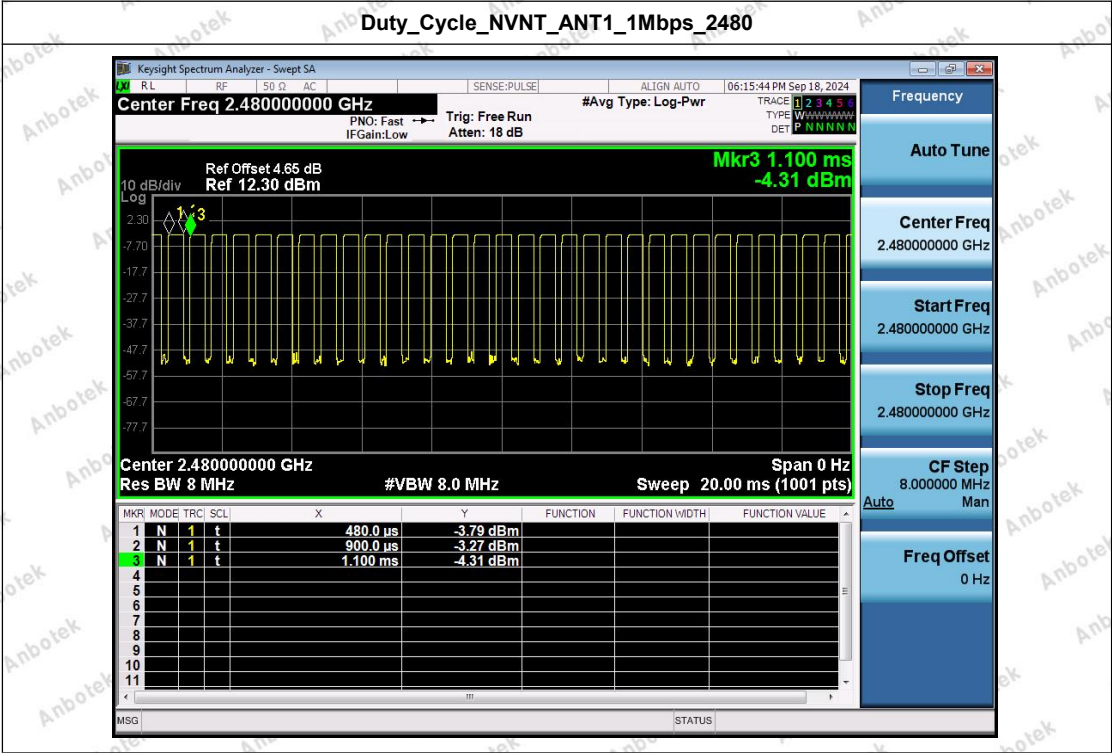
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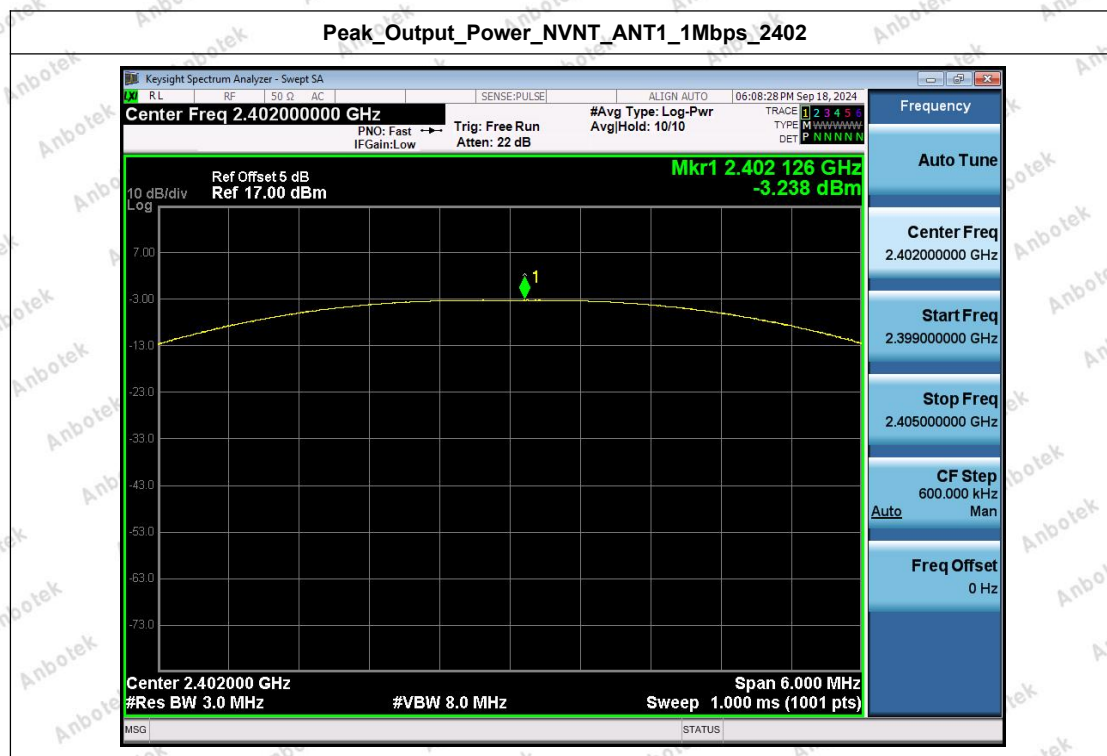
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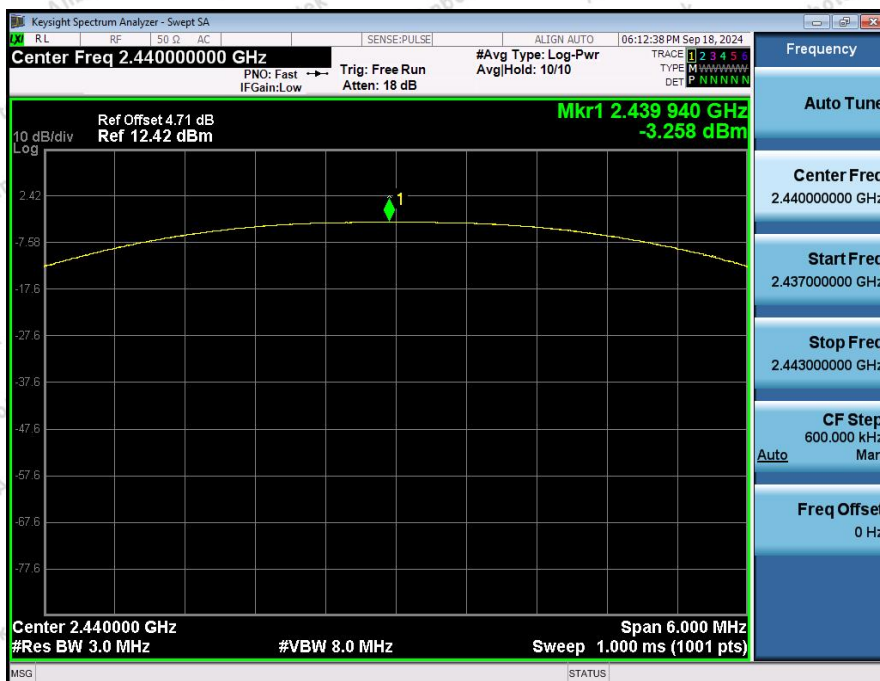
## Appendix D: Peak Output Power

| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -3.24                     | 0.47                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -3.26                     | 0.47                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -3.21                     | 0.48                     | 1000      | Pass   |

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



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



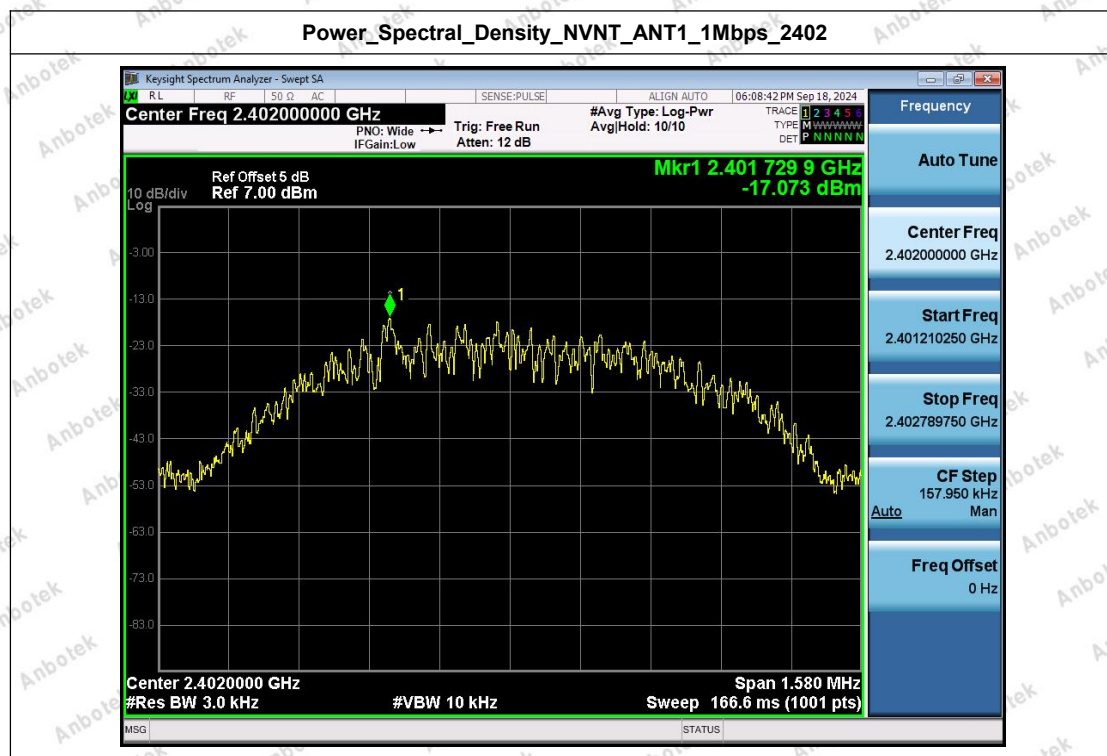
## Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480



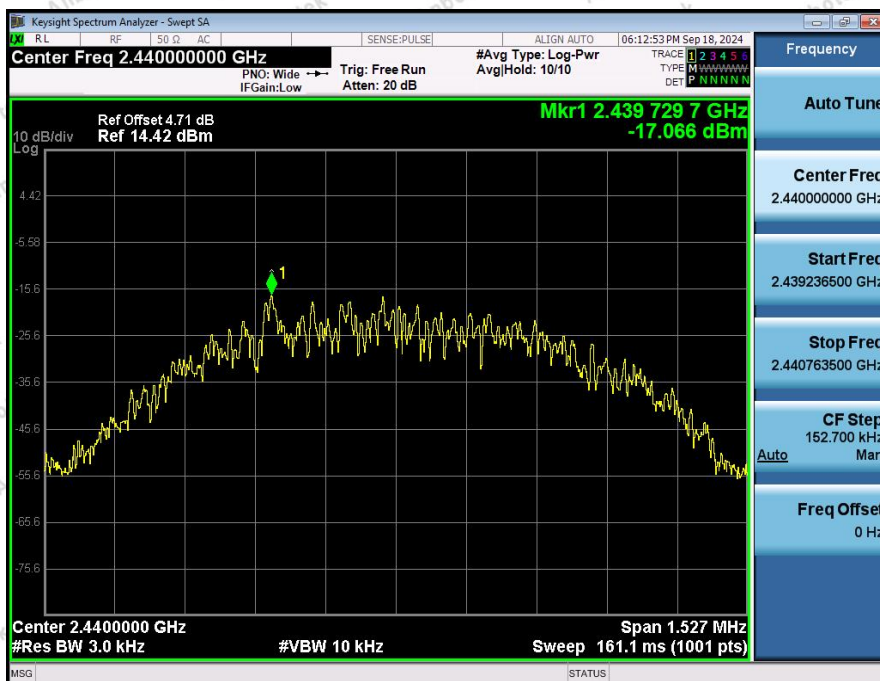
## Appendix E: Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|-----------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -17.07                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -17.07                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -17.09                      | 8               | Pass   |

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



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



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



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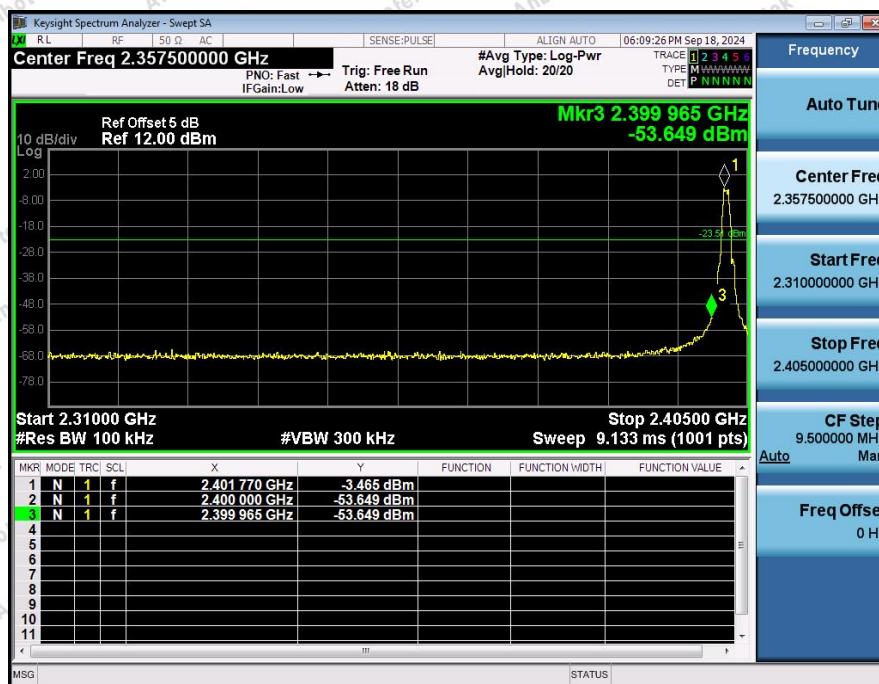
## Appendix F: Bandedge

| Condition | Antenna | Rate  | TX_Frequency<br>(MHz) | Max. Mark<br>Frequency (MHz) | Spurious<br>level(dBm) | limit(dBm) | Result |
|-----------|---------|-------|-----------------------|------------------------------|------------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00               | 2399.965                     | -53.649                | -23.511    | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00               | 2483.550                     | -61.046                | -23.458    | Pass   |

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



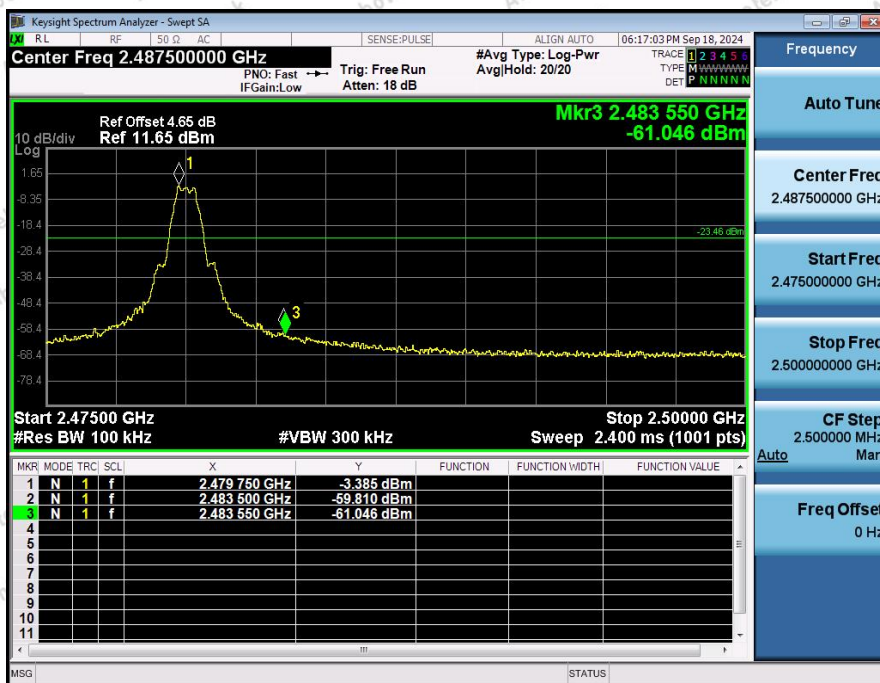
2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2402



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



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



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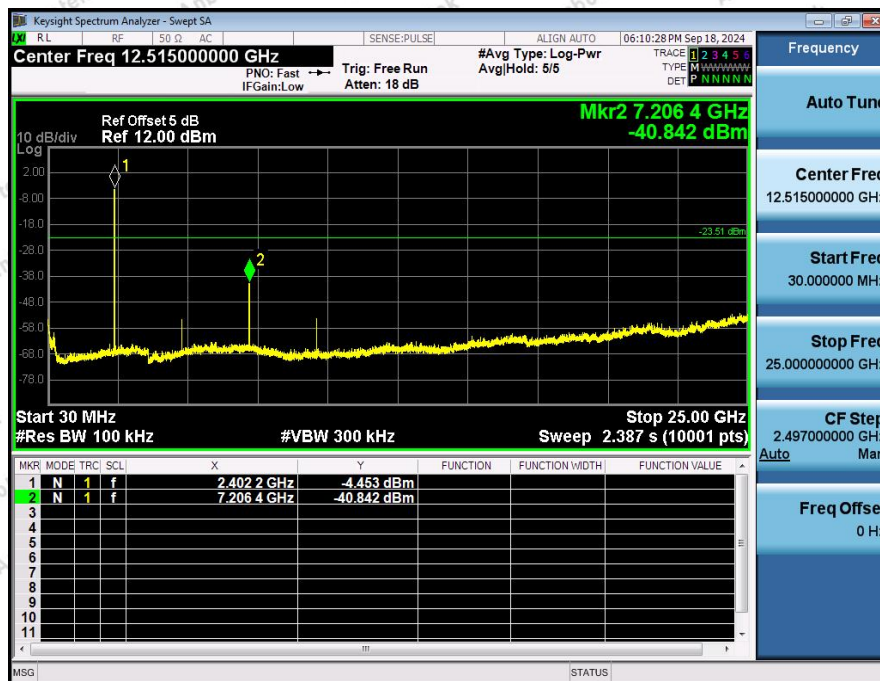
## Appendix G: Spurious Emission

| Condition | Antenna | Rate  | TX_Frequency(MHz) | Spurious<br>MAX.Value(dBm) | Limit   | Result |
|-----------|---------|-------|-------------------|----------------------------|---------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00           | -40.842                    | -23.511 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00           | -41.717                    | -23.544 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00           | -44.715                    | -23.458 | Pass   |

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



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



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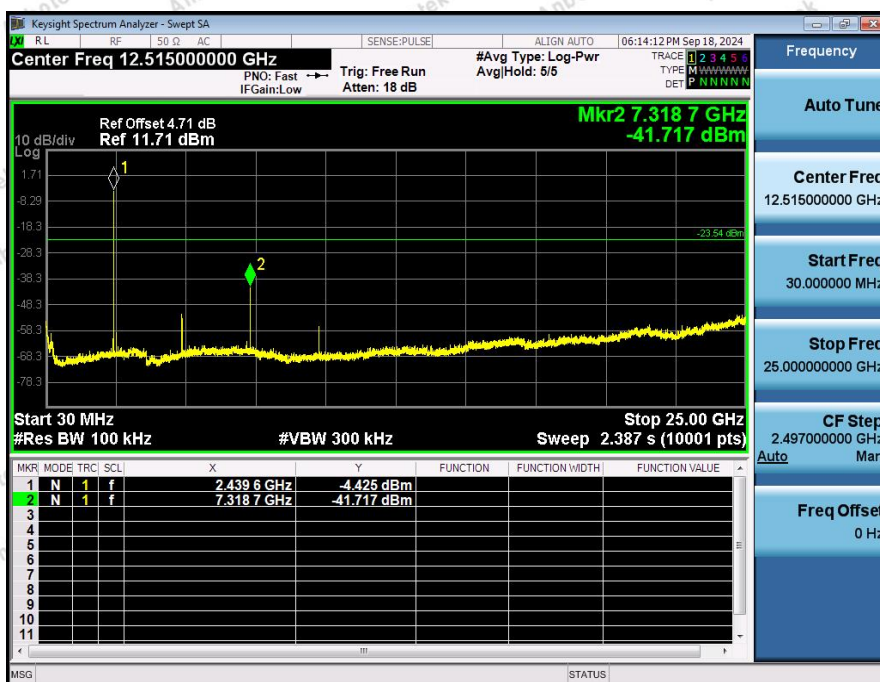
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## 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



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



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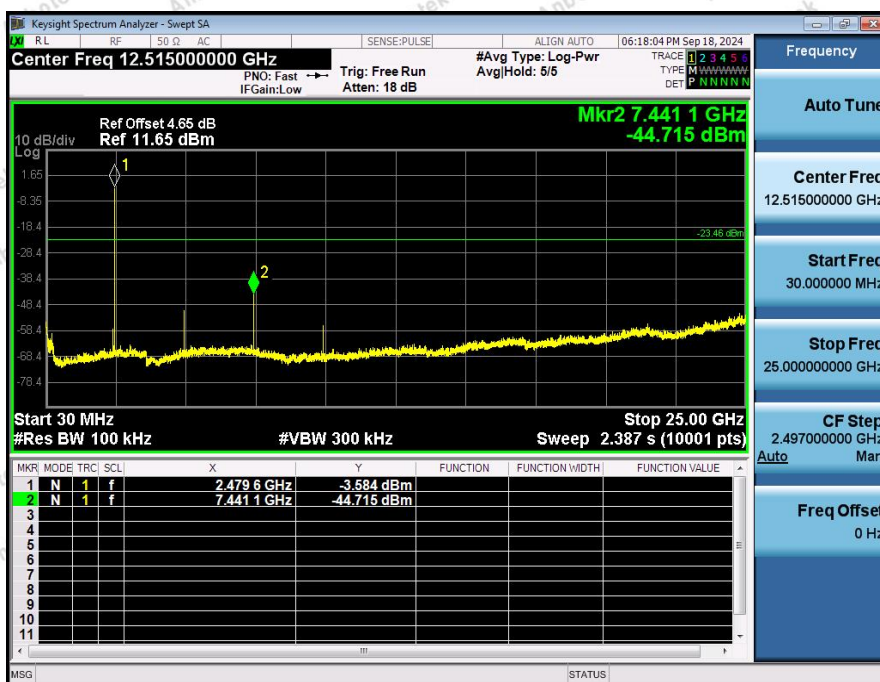
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## 1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



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



---END---

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