

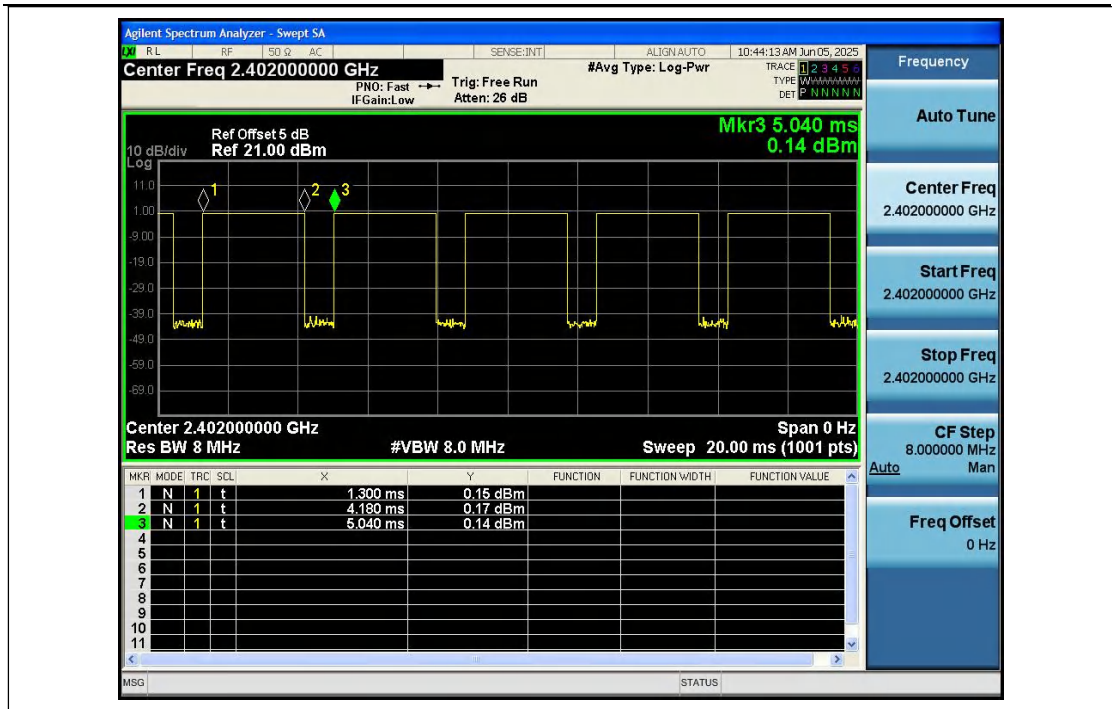
Appendix Test Data

|                  |                      |                    |                    |
|------------------|----------------------|--------------------|--------------------|
| Report No.:      | 1812C50239812501     | Test Sample No.:   | 1-2-2              |
| Start Test Date: | 2025.5.30            | Finish Test Date:  | 2025.6.5           |
| Test Engineer:   | <i>Liangfei Yang</i> | Auditor:           | <i>Justin Feng</i> |
| Temperature:     | 21.5°C               | Relative Humidity: | 56%                |
| Pressure:        | 101kPa               |                    |                    |

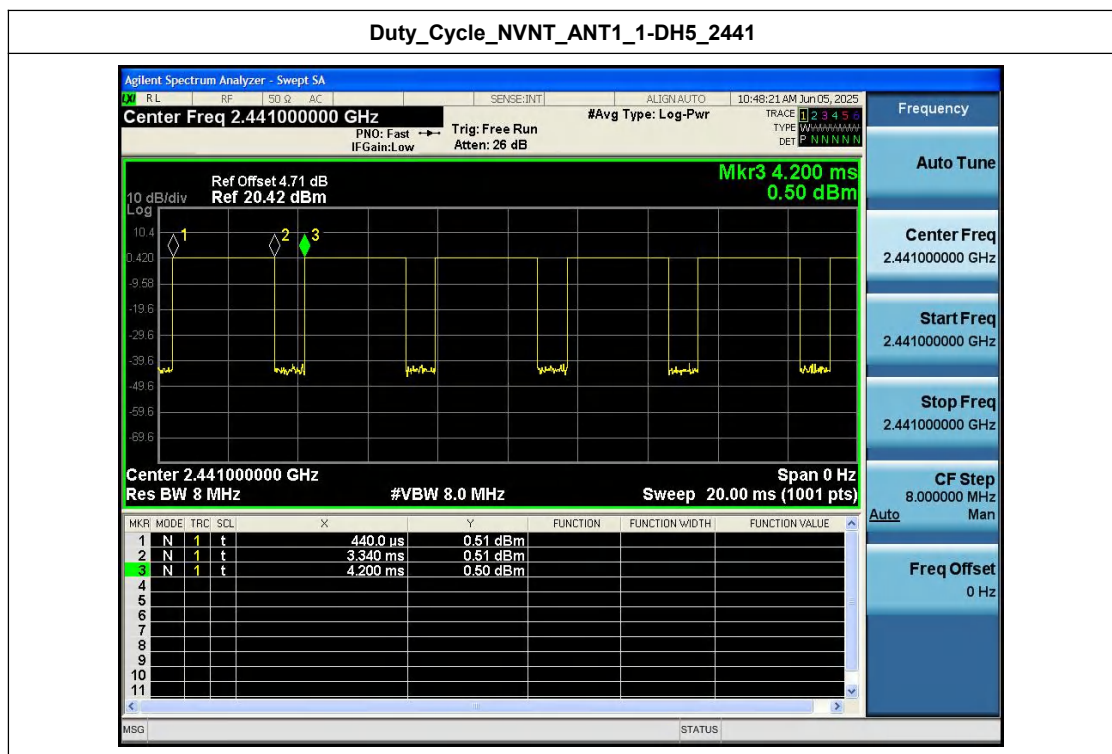
Appendix A: Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1-DH5 | 2402.00         | 77.54        | 1.10        |
| NVNT      | ANT1    | 1-DH5 | 2441.00         | 77.13        | 1.13        |
| NVNT      | ANT1    | 1-DH5 | 2480.00         | 77.54        | 1.10        |
| NVNT      | ANT1    | 2-DH5 | 2402.00         | 78.07        | 1.07        |
| NVNT      | ANT1    | 2-DH5 | 2441.00         | 77.01        | 1.13        |
| NVNT      | ANT1    | 2-DH5 | 2480.00         | 77.66        | 1.10        |
| NVNT      | ANT1    | 3-DH5 | 2402.00         | 24.06        | 6.19        |
| NVNT      | ANT1    | 3-DH5 | 2441.00         | 23.94        | 6.21        |
| NVNT      | ANT1    | 3-DH5 | 2480.00         | 24.47        | 6.11        |

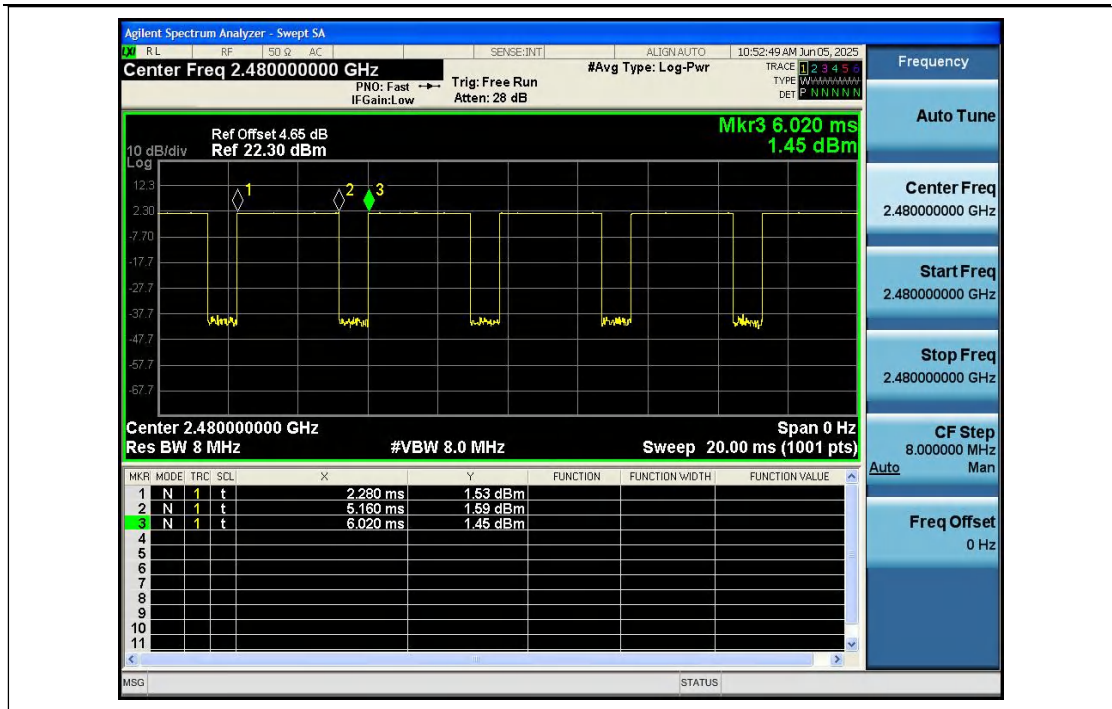
|                                 |
|---------------------------------|
| Duty_Cycle_NVNT_ANT1_1-DH5_2402 |
|---------------------------------|



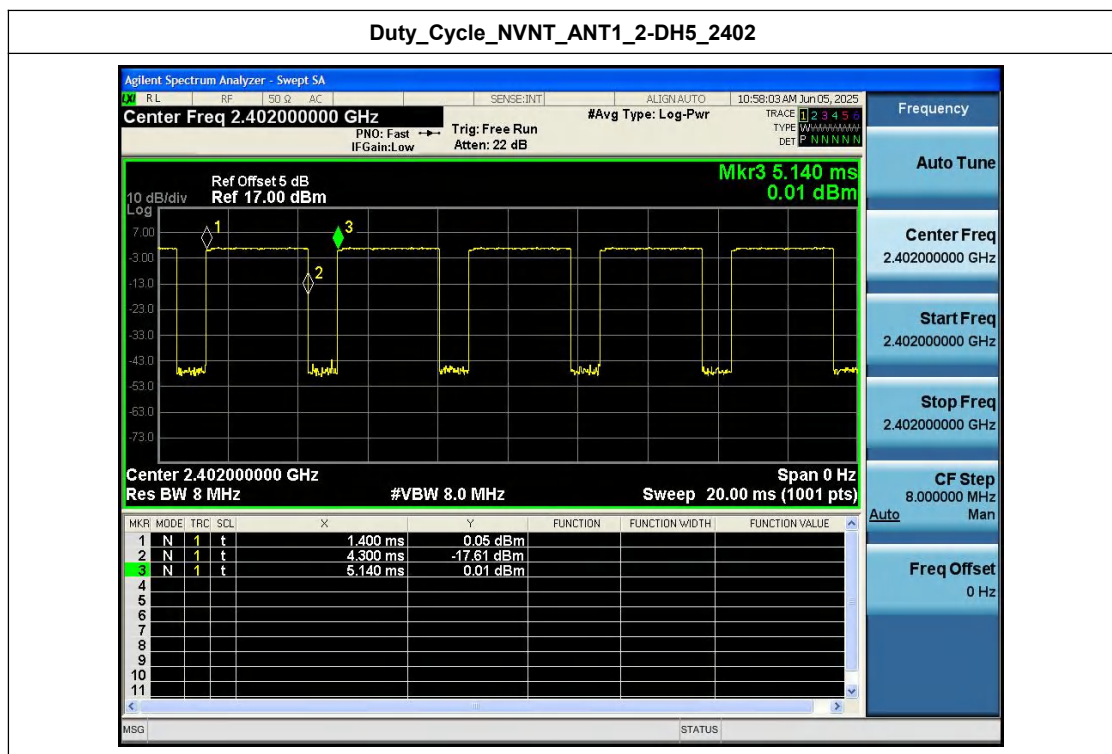
Duty\_Cycle\_NVNT\_ANT1\_1-DH5\_2441



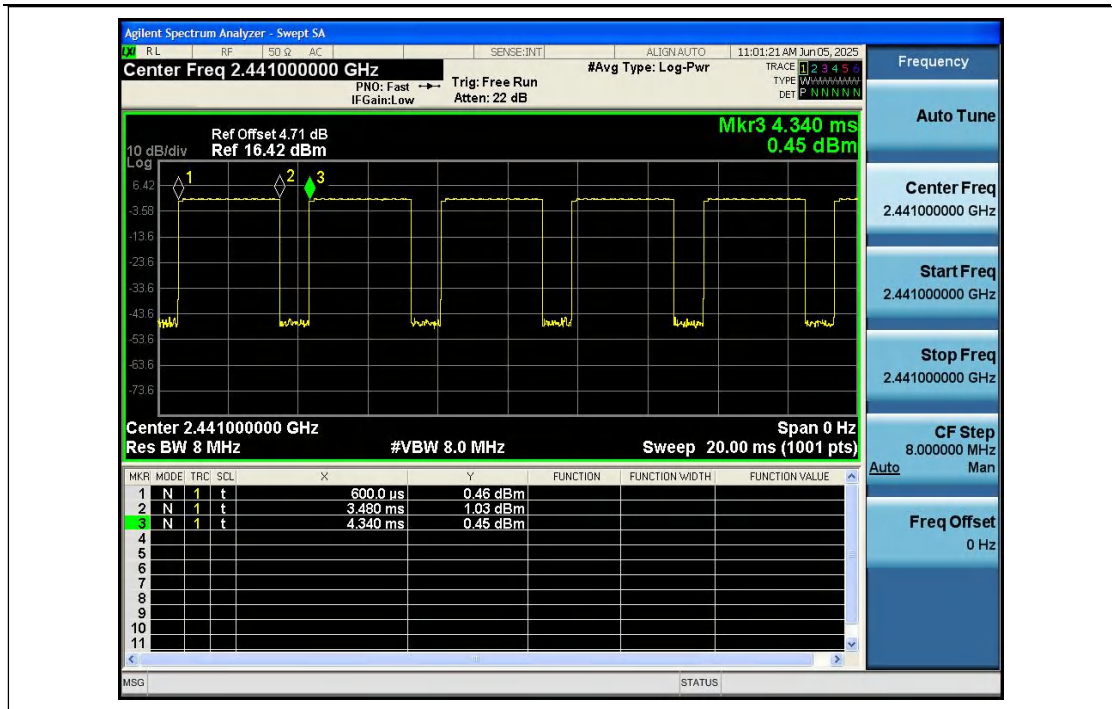
Duty\_Cycle\_NVNT\_ANT1\_1-DH5\_2480



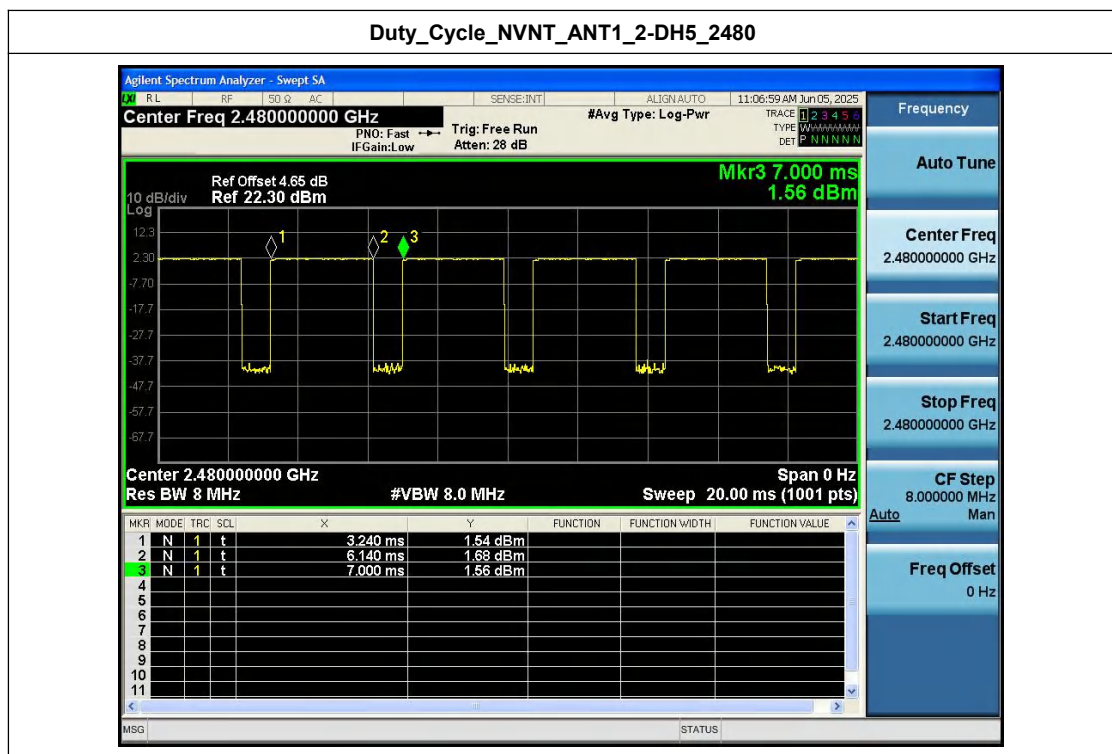
Duty\_Cycle\_NVNT\_ANT1\_2-DH5\_2402



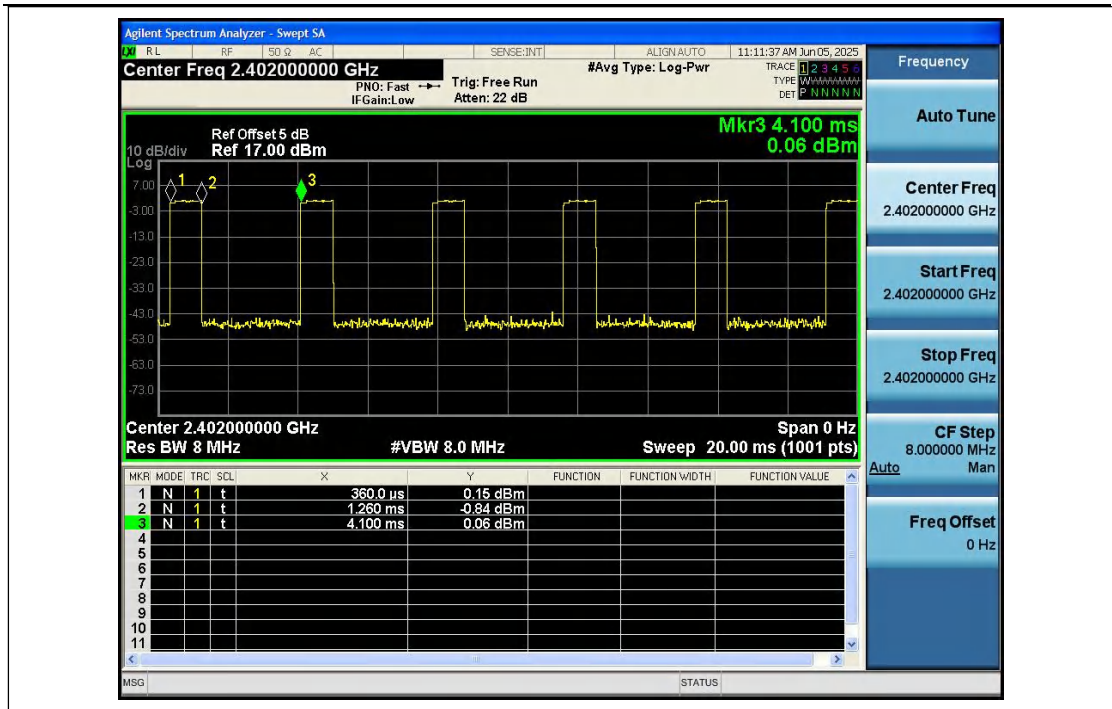
Duty\_Cycle\_NVNT\_ANT1\_2-DH5\_2441



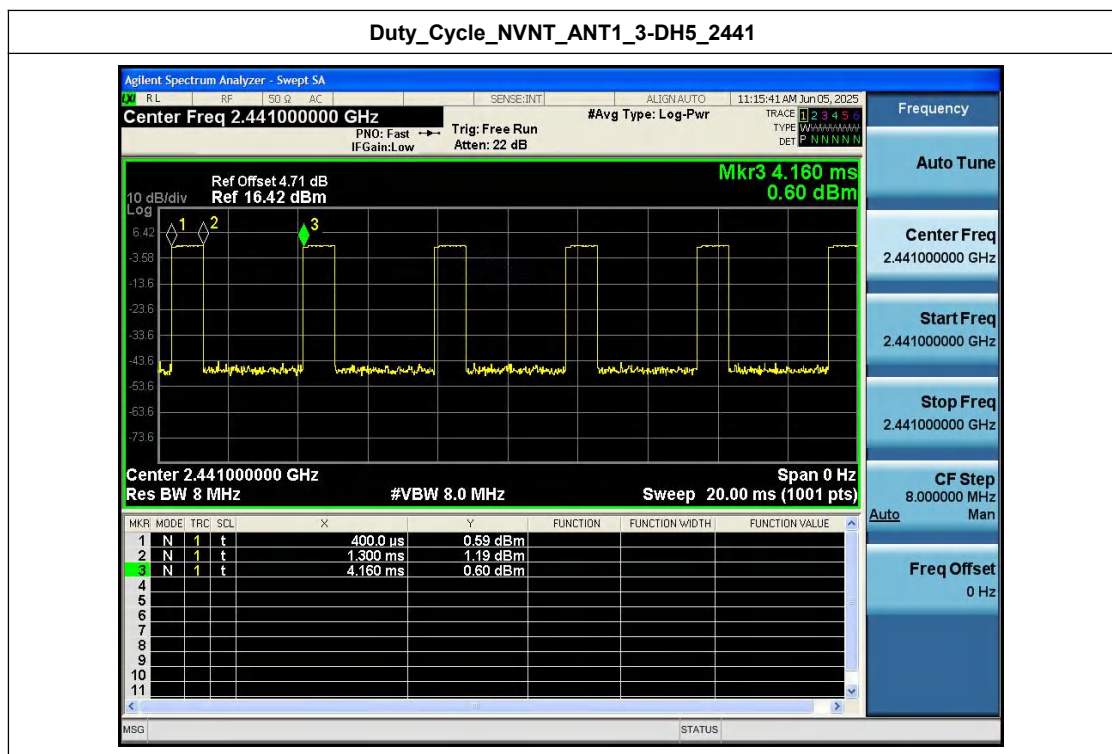
Duty\_Cycle\_NVNT\_ANT1\_2-DH5\_2480



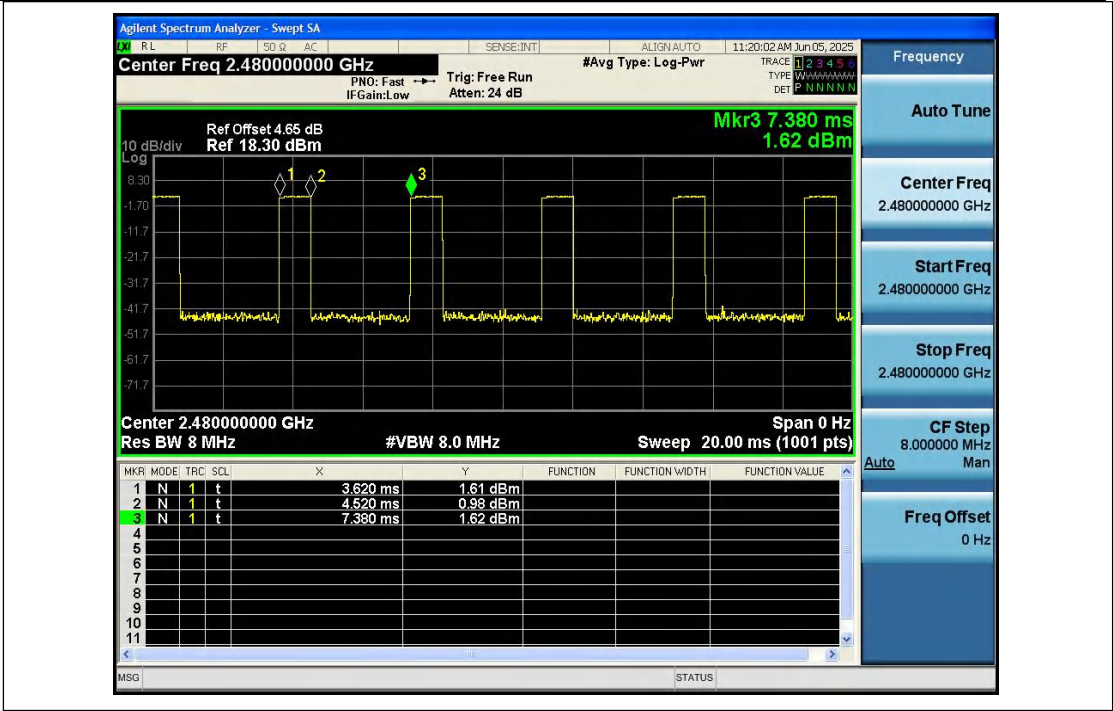
Duty\_Cycle\_NVNT\_ANT1\_3-DH5\_2402



Duty\_Cycle\_NVNT\_ANT1\_3-DH5\_2441



Duty\_Cycle\_NVNT\_ANT1\_3-DH5\_2480



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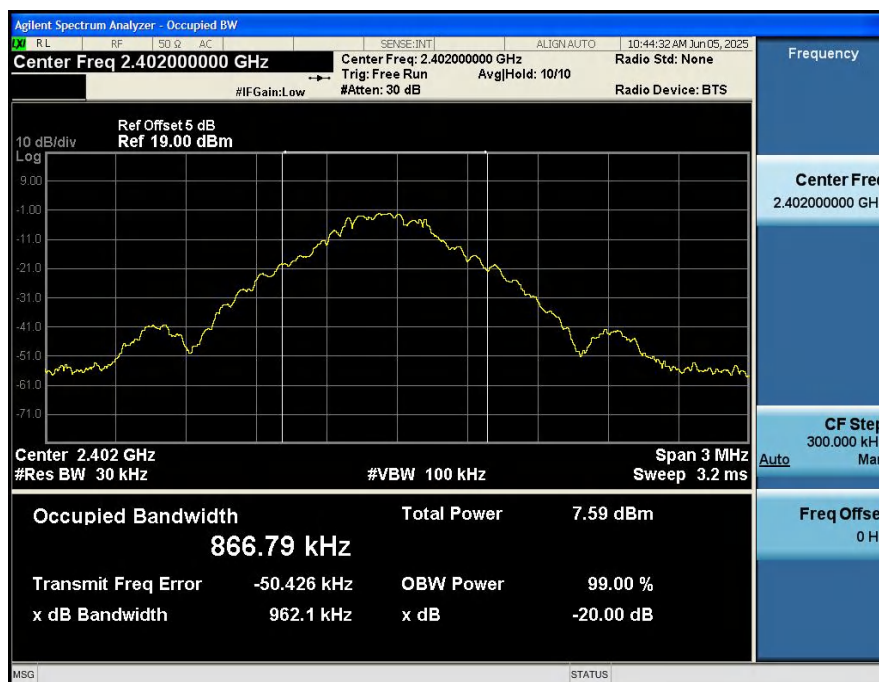
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel:(86)0755-26066440    Email:service@anbotek.com

Hotline  
400-003-0500  
www.anbotek.com

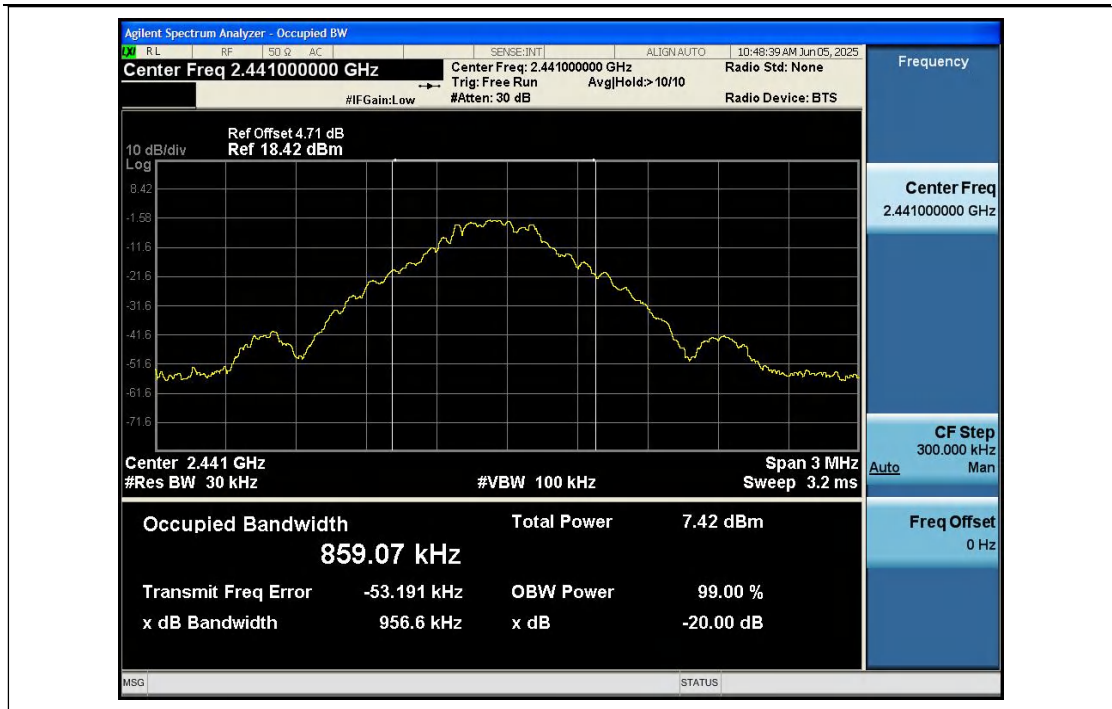
## Appendix B: -20dB Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH5      | 2402.00         | 0.962         | No                 |
| NVNT      | ANT1    | 1-DH5      | 2441.00         | 0.957         | No                 |
| NVNT      | ANT1    | 1-DH5      | 2480.00         | 0.962         | No                 |
| NVNT      | ANT1    | 2-DH5      | 2402.00         | 1.280         | Yes                |
| NVNT      | ANT1    | 2-DH5      | 2441.00         | 1.310         | Yes                |
| NVNT      | ANT1    | 2-DH5      | 2480.00         | 1.324         | Yes                |
| NVNT      | ANT1    | 3-DH5      | 2402.00         | 1.280         | Yes                |
| NVNT      | ANT1    | 3-DH5      | 2441.00         | 1.311         | Yes                |
| NVNT      | ANT1    | 3-DH5      | 2480.00         | 1.311         | Yes                |

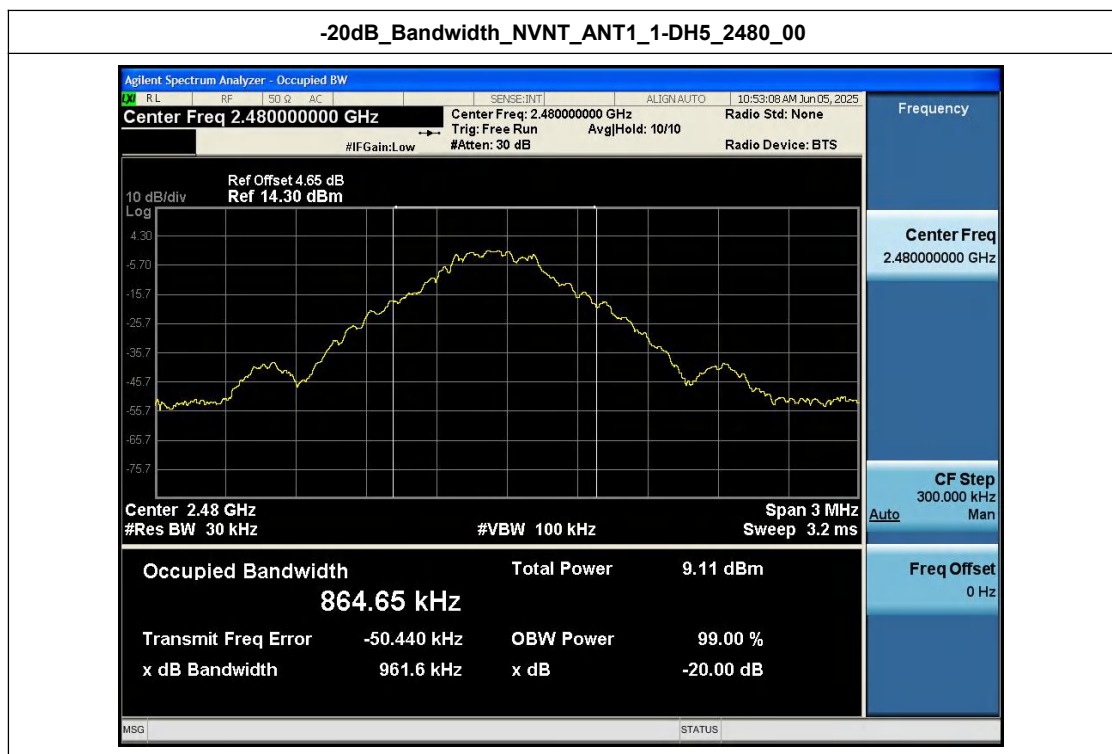
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2402\_00



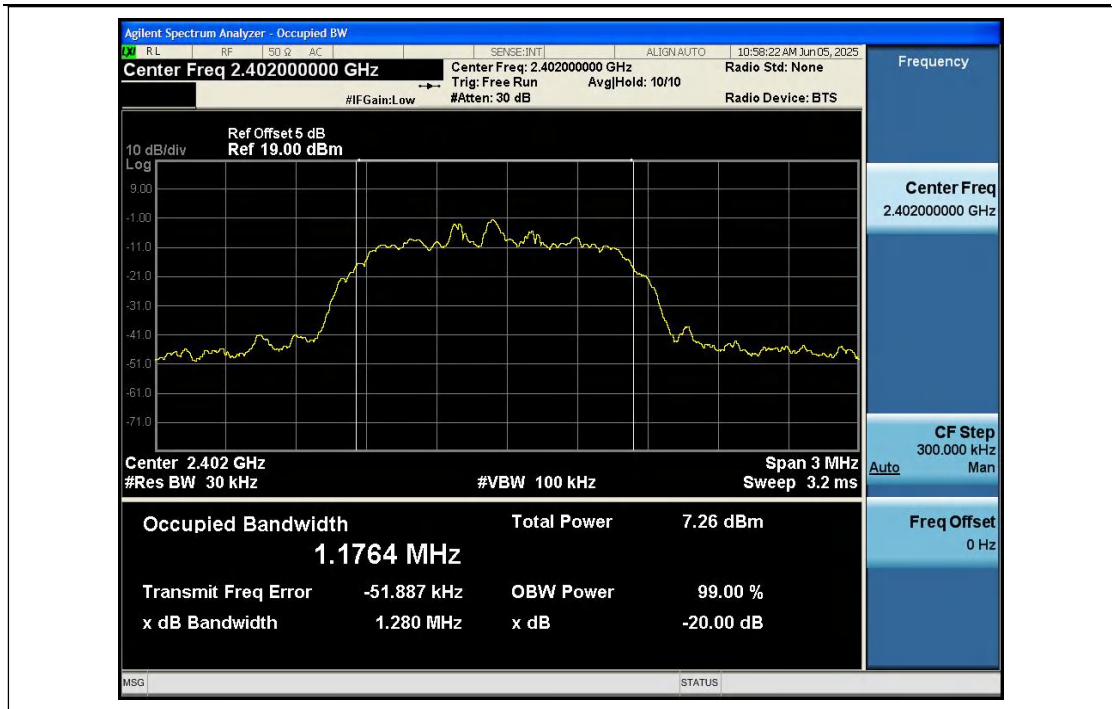
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2441\_00



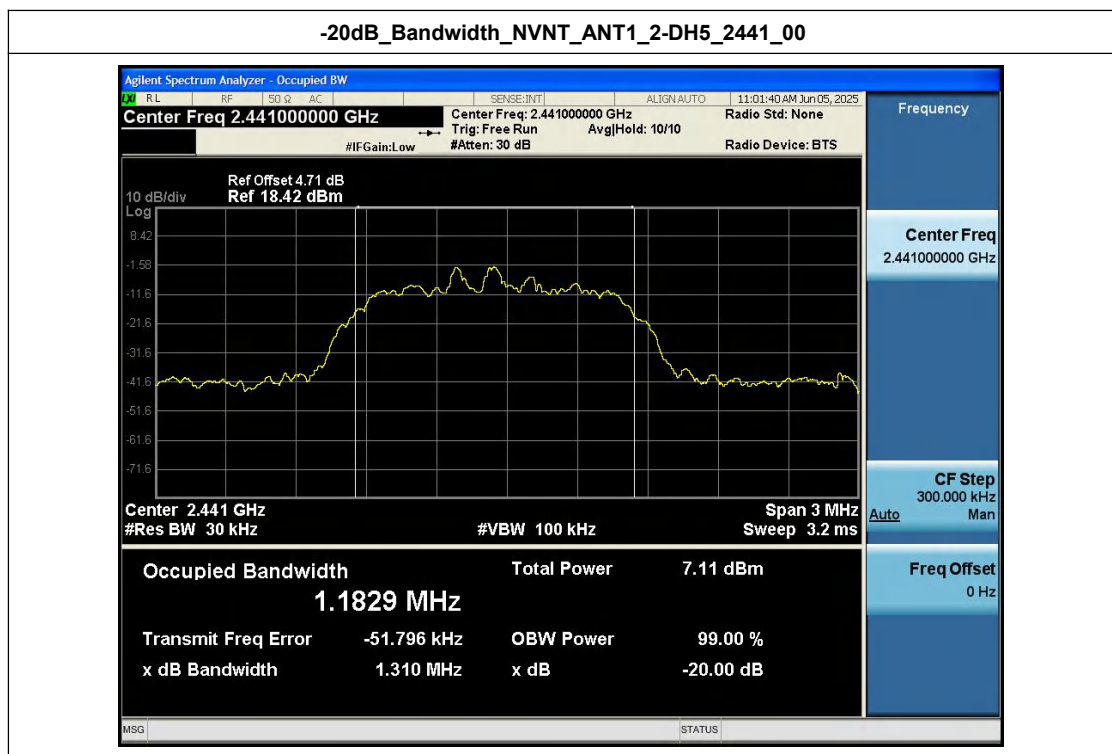
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2480\_00



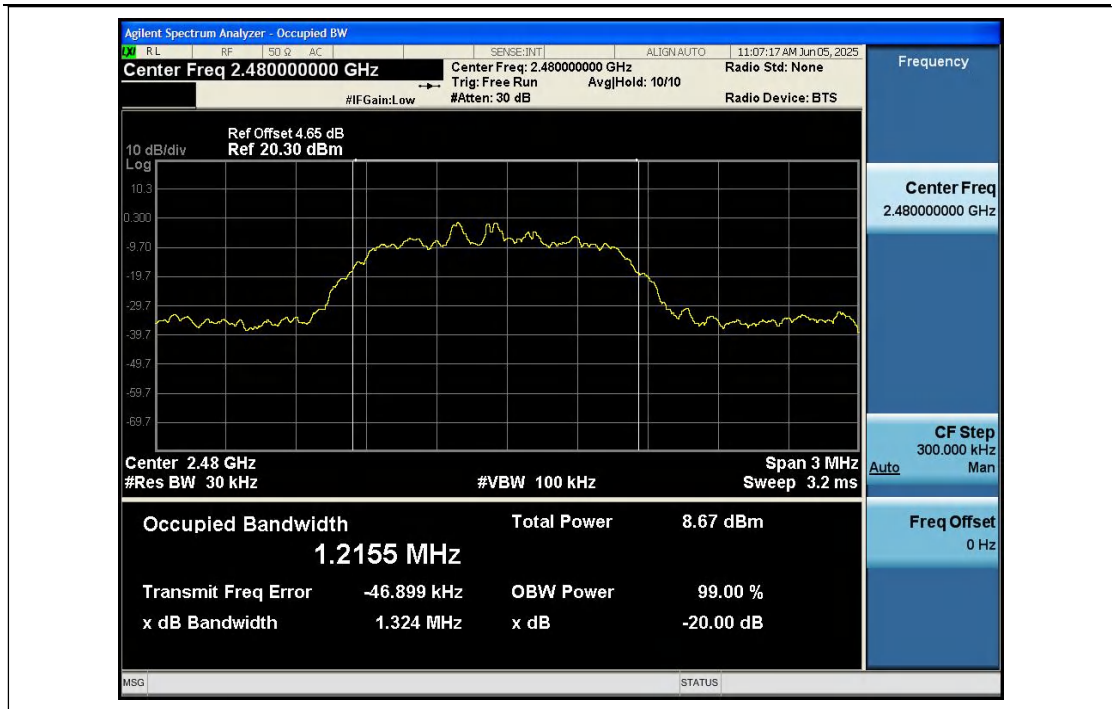
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2402\_00



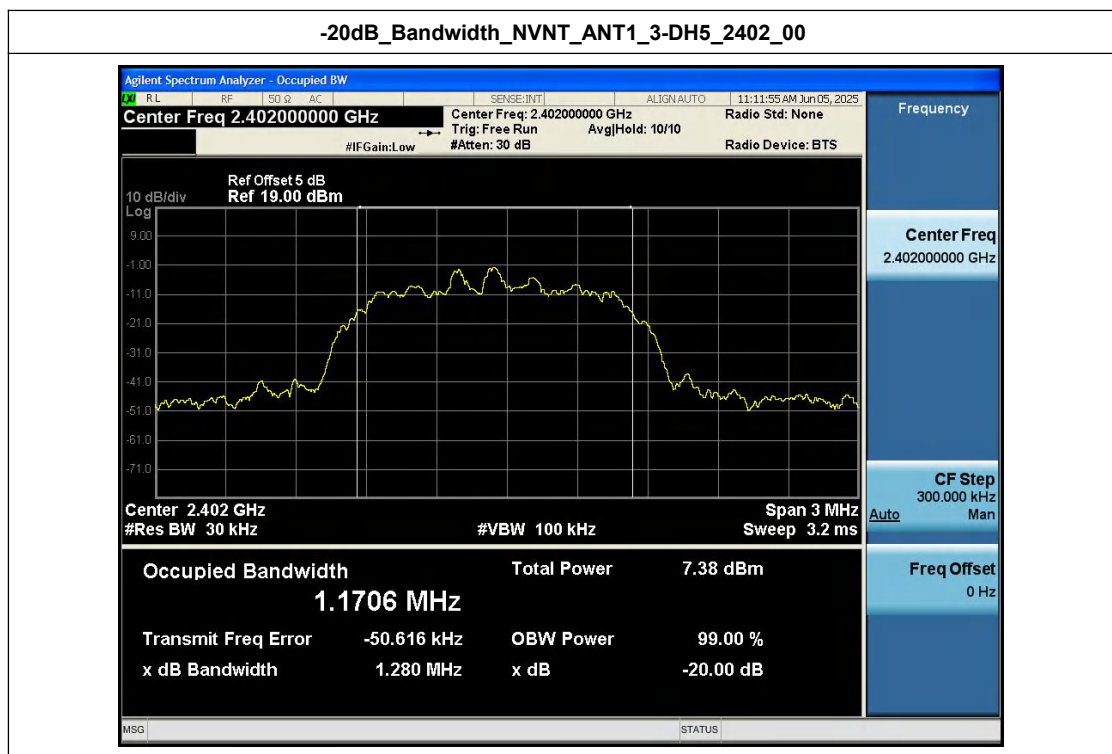
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2441\_00



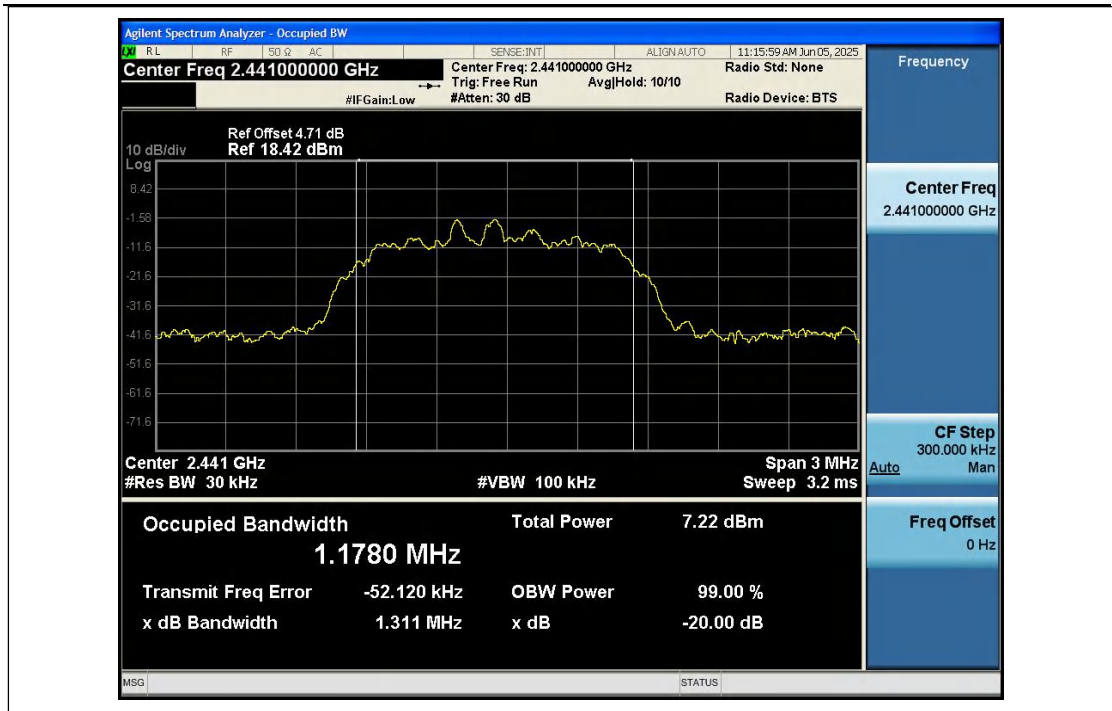
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2480\_00



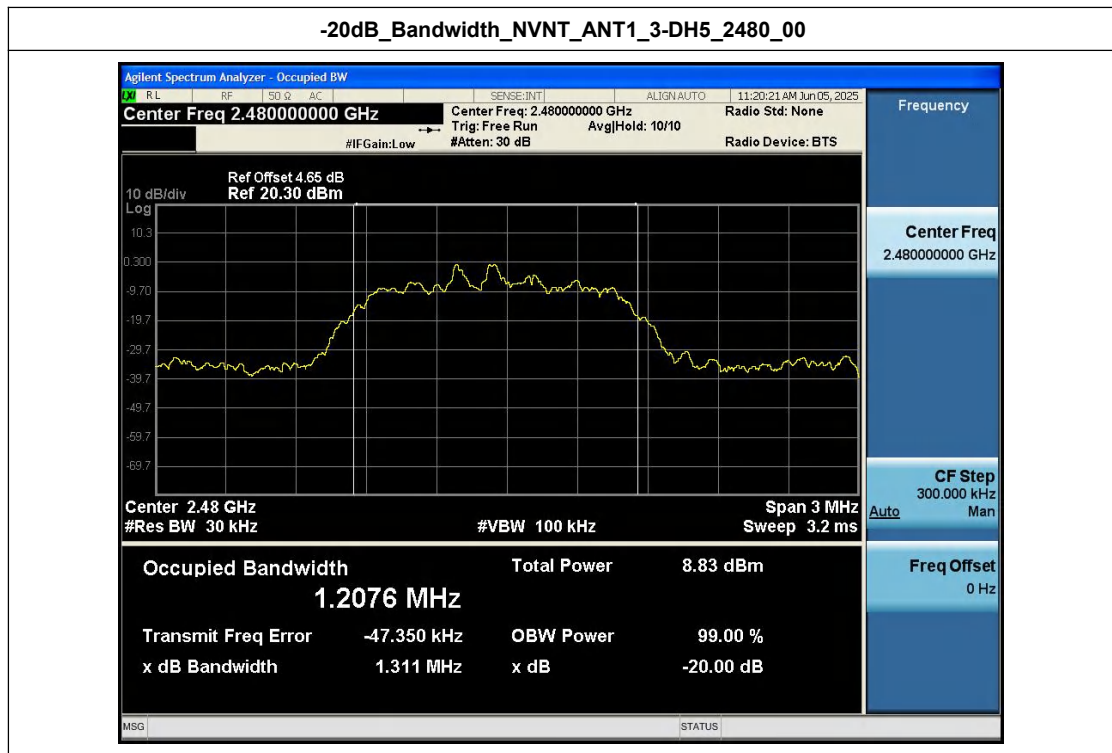
-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2402\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2441\_00



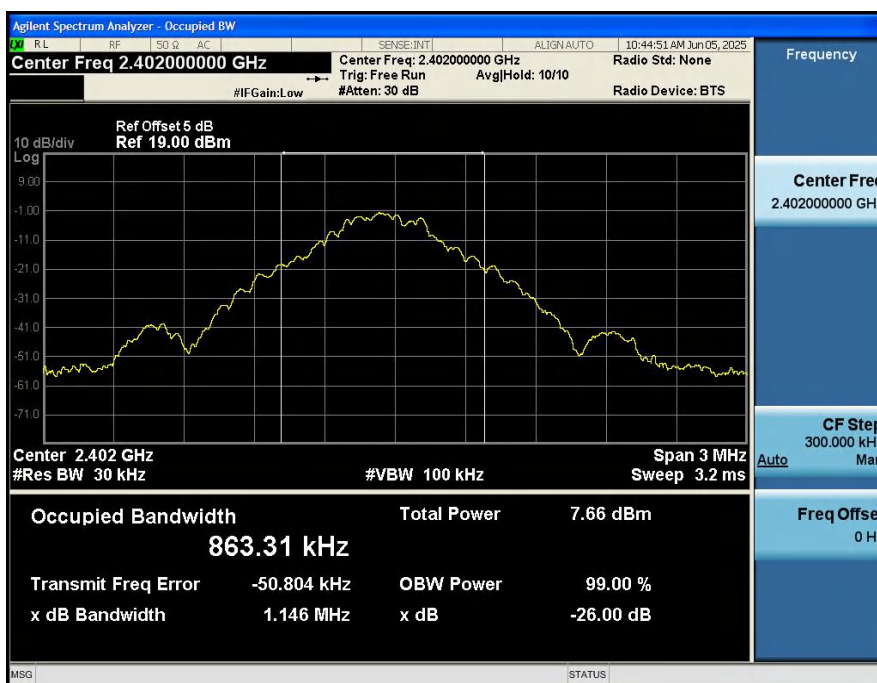
-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2480\_00



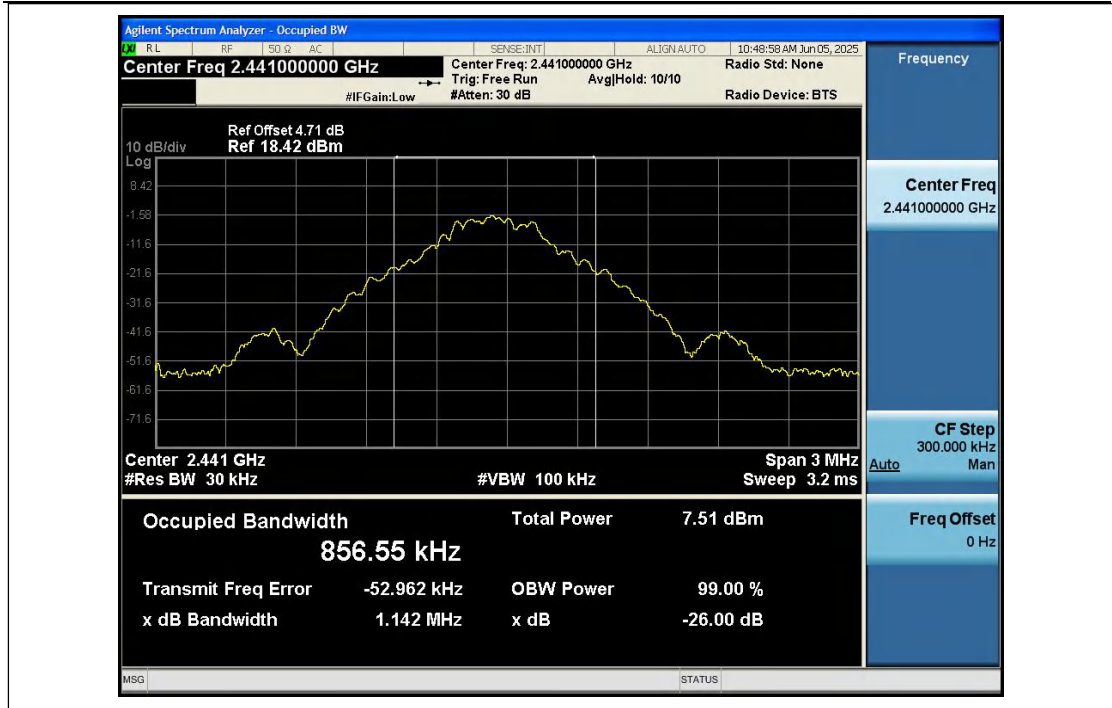
## Appendix C: 99% Occupied Bandwidth

| Condition | Antenna | Modulation | Frequency (MHz) | 99%BW(MHz) |
|-----------|---------|------------|-----------------|------------|
| NVNT      | ANT1    | 1-DH5      | 2402.00         | 0.863      |
| NVNT      | ANT1    | 1-DH5      | 2441.00         | 0.857      |
| NVNT      | ANT1    | 1-DH5      | 2480.00         | 0.869      |
| NVNT      | ANT1    | 2-DH5      | 2402.00         | 1.172      |
| NVNT      | ANT1    | 2-DH5      | 2441.00         | 1.182      |
| NVNT      | ANT1    | 2-DH5      | 2480.00         | 1.206      |
| NVNT      | ANT1    | 3-DH5      | 2402.00         | 1.166      |
| NVNT      | ANT1    | 3-DH5      | 2441.00         | 1.177      |
| NVNT      | ANT1    | 3-DH5      | 2480.00         | 1.206      |

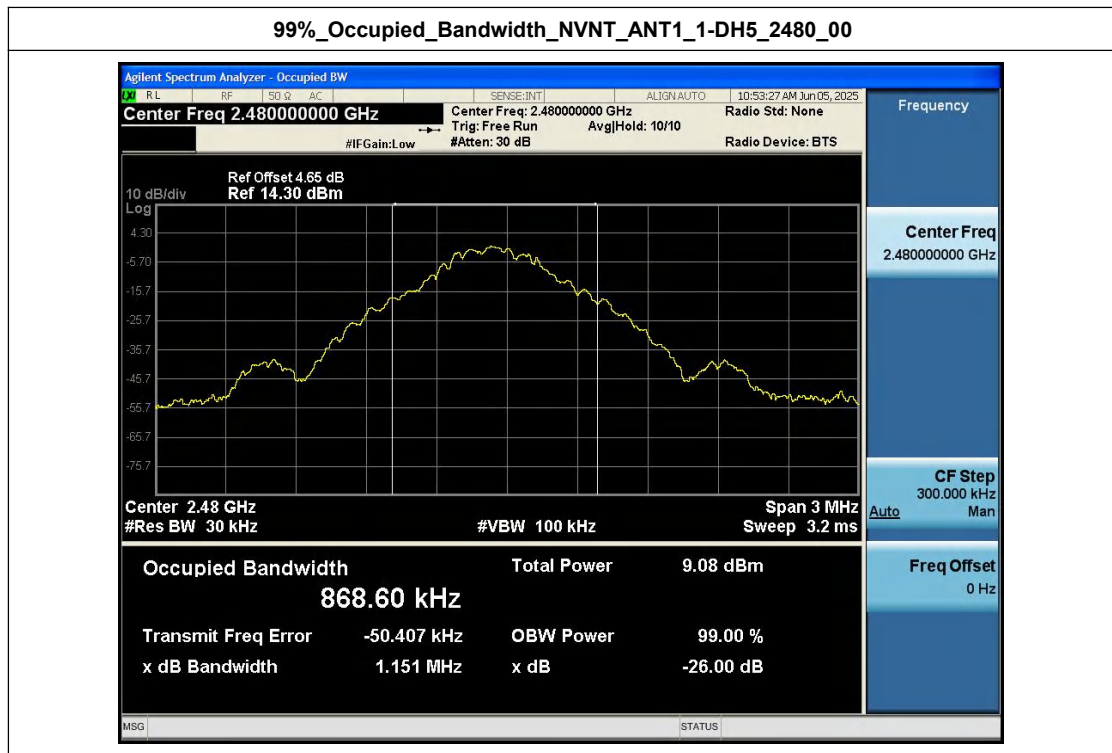
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2402\_00



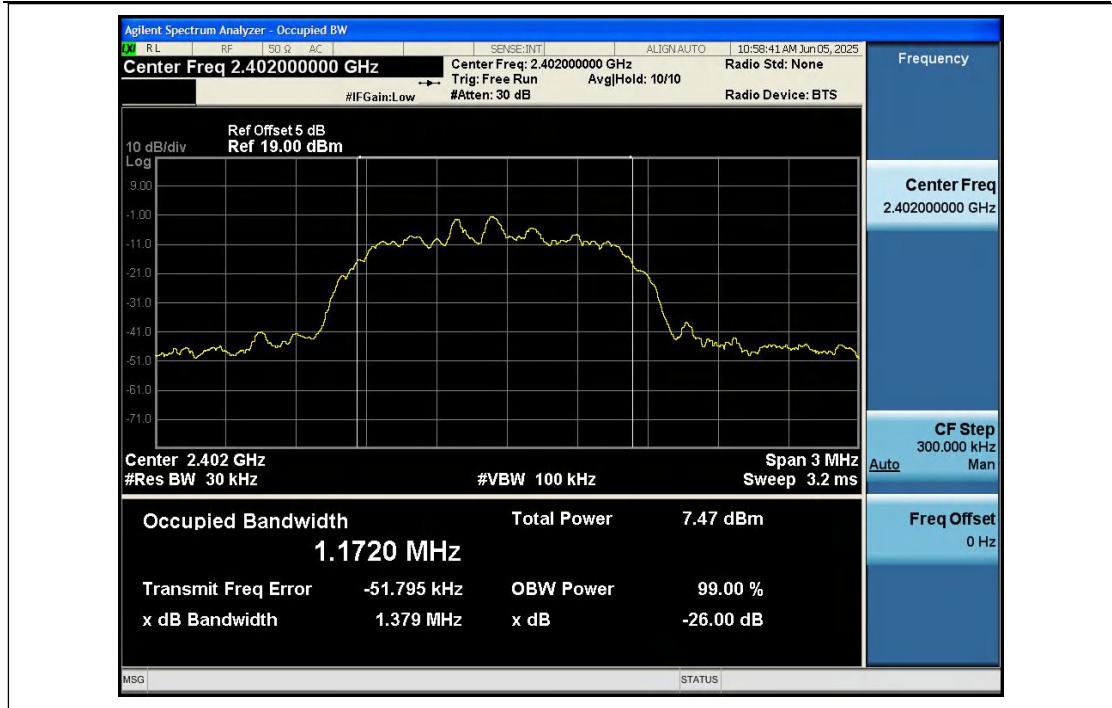
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2441\_00



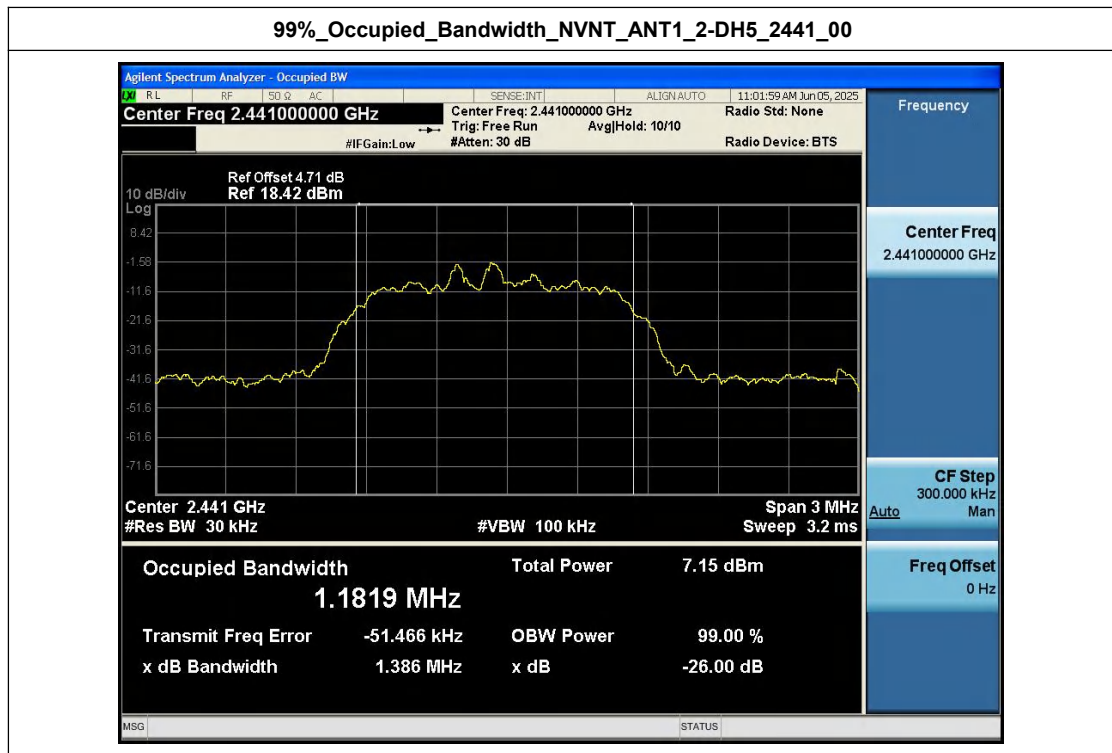
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1-DH5\_2480\_00



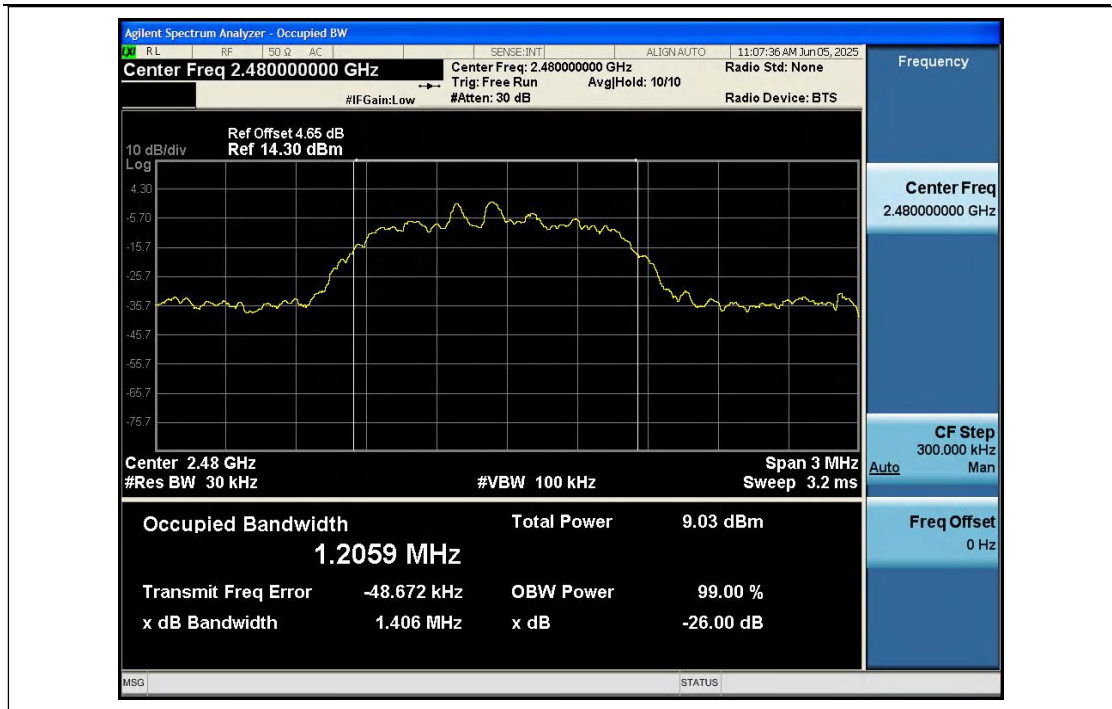
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2402\_00



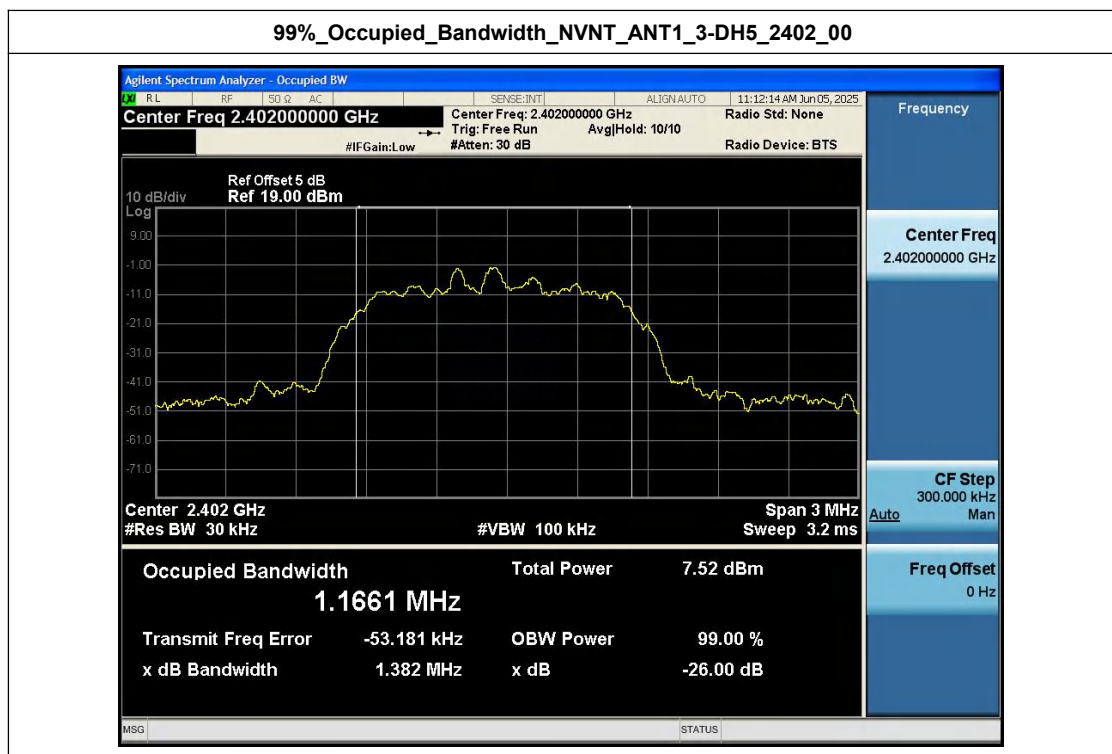
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2441\_00



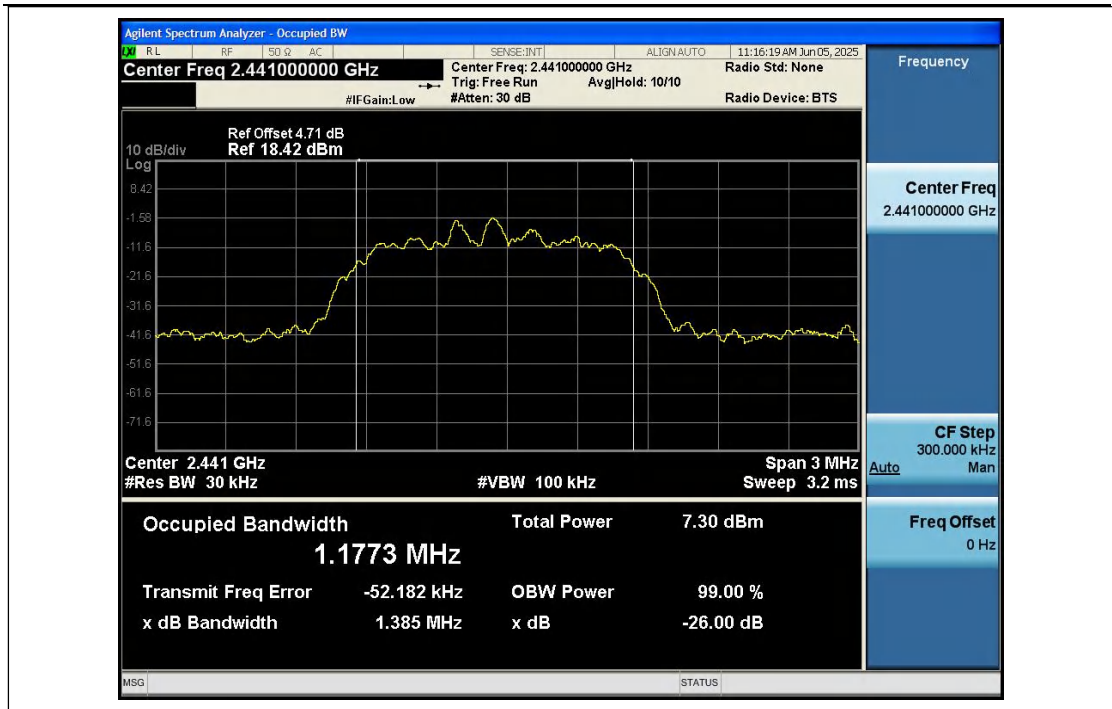
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2-DH5\_2480\_00



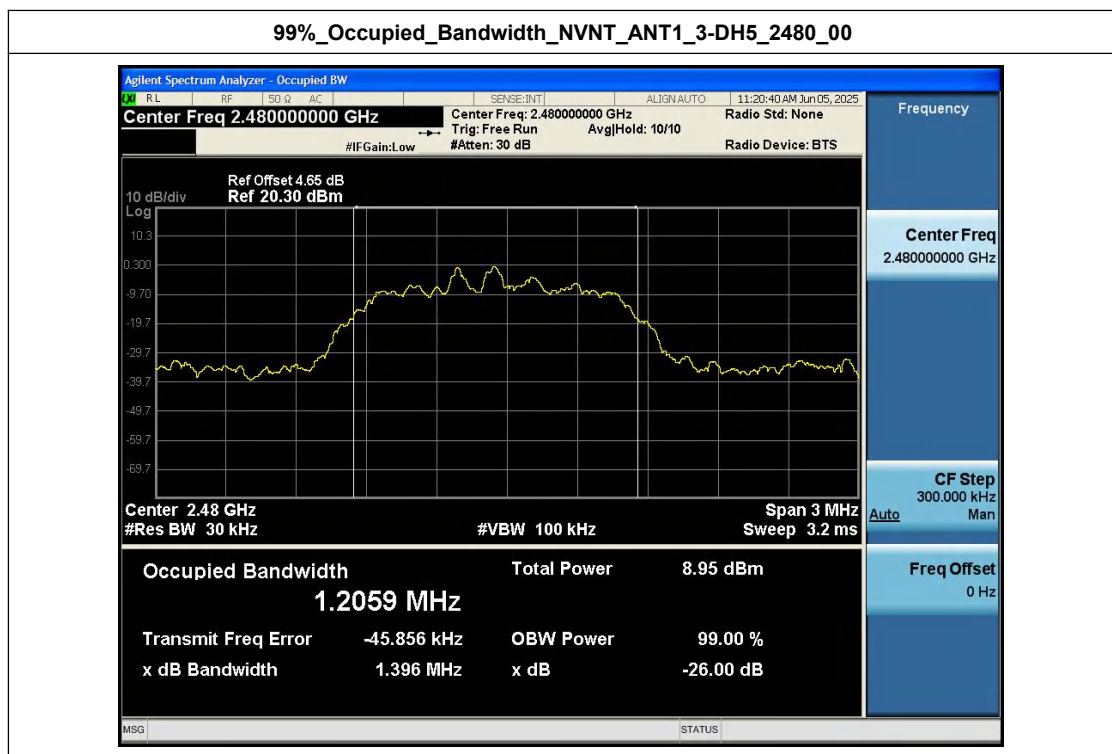
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2402\_00



99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2441\_00



99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2480\_00



## Appendix D: 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         | 0.16                      | 1.04                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2441.00         | 0.48                      | 1.12                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2480.00         | 1.54                      | 1.42                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2402.00         | 1.07                      | 1.28                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2441.00         | 1.27                      | 1.34                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2480.00         | 2.06                      | 1.61                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2402.00         | 1.21                      | 1.32                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2441.00         | 1.38                      | 1.38                     | 125       | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2480.00         | 2.17                      | 1.65                     | 125       | Pass   |

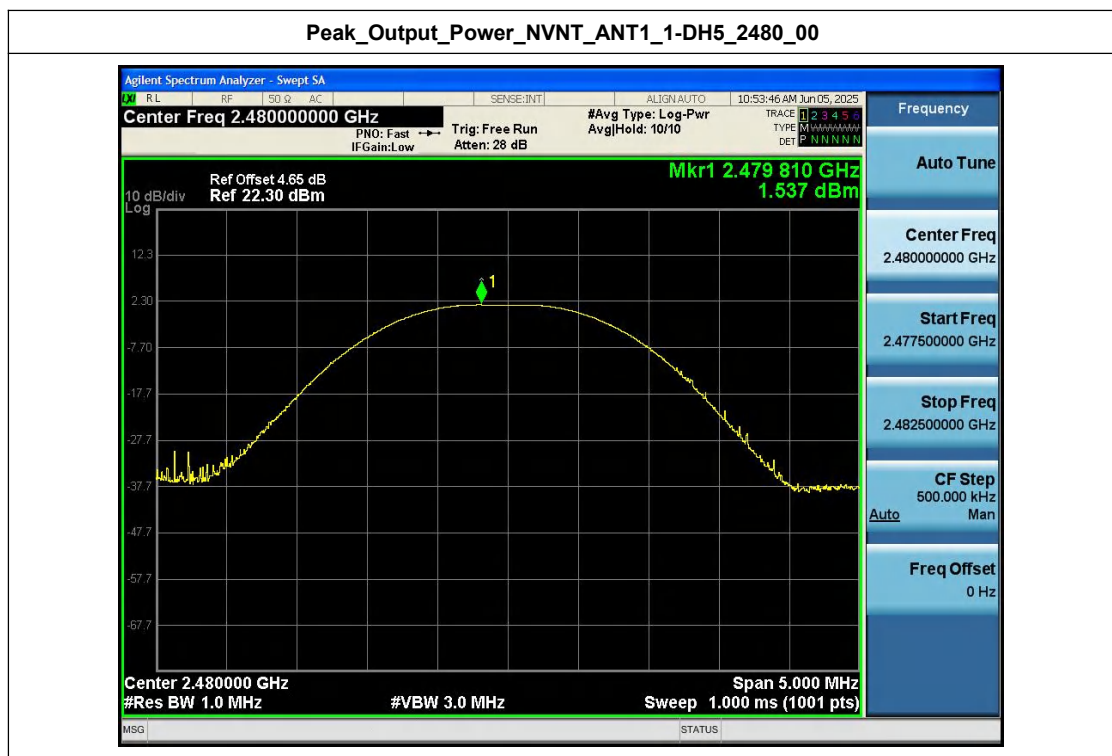
Peak\_Output\_Power\_NVNT\_ANT1\_1-DH5\_2402\_00



Peak\_Output\_Power\_NVNT\_ANT1\_1-DH5\_2441\_00



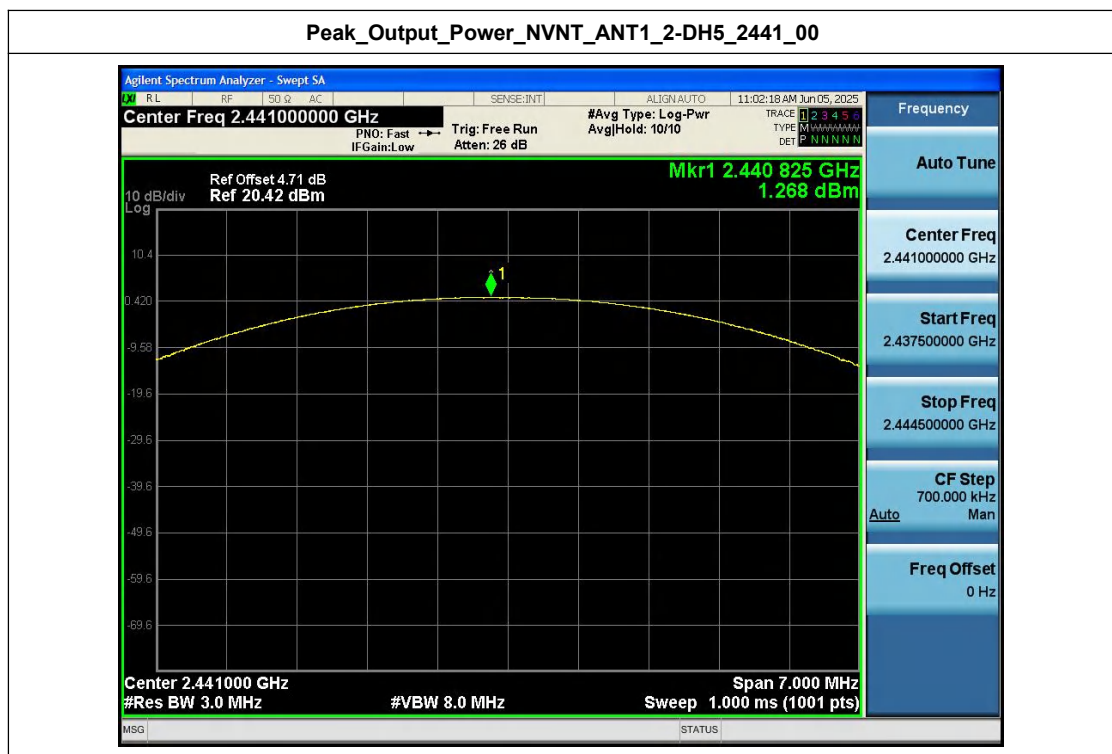
Peak\_Output\_Power\_NVNT\_ANT1\_1-DH5\_2480\_00



Peak\_Output\_Power\_NVNT\_ANT1\_2-DH5\_2402\_00



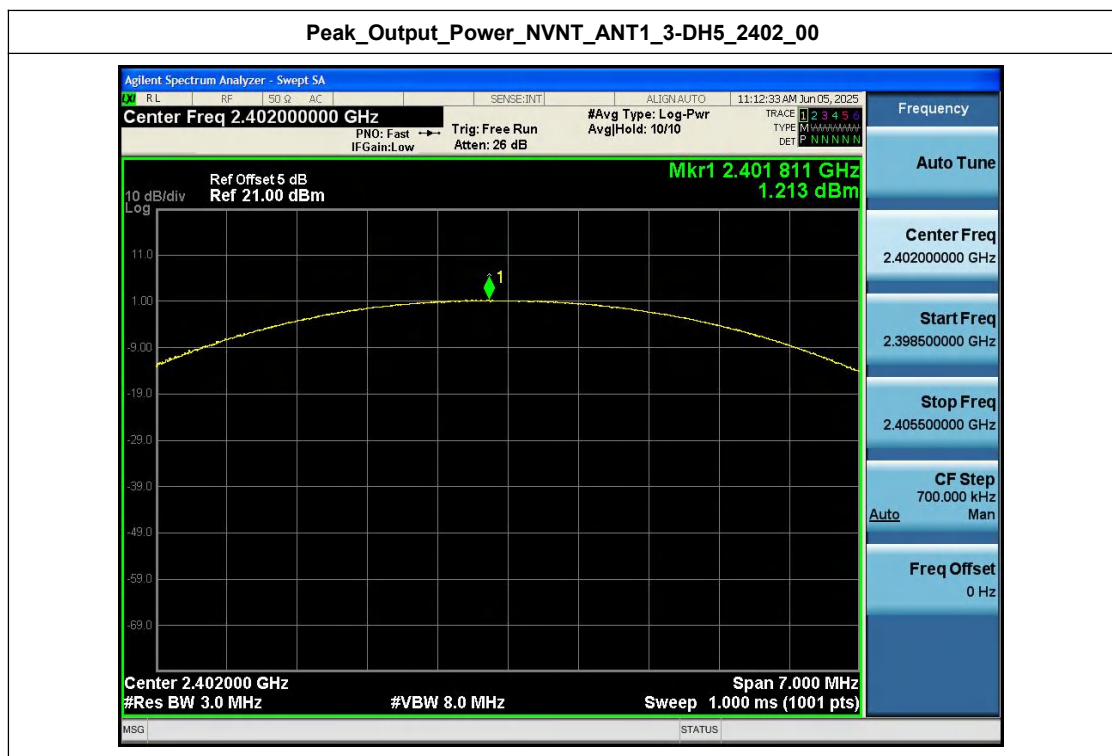
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Peak\_Output\_Power\_NVNT\_ANT1\_2-DH5\_2480\_00



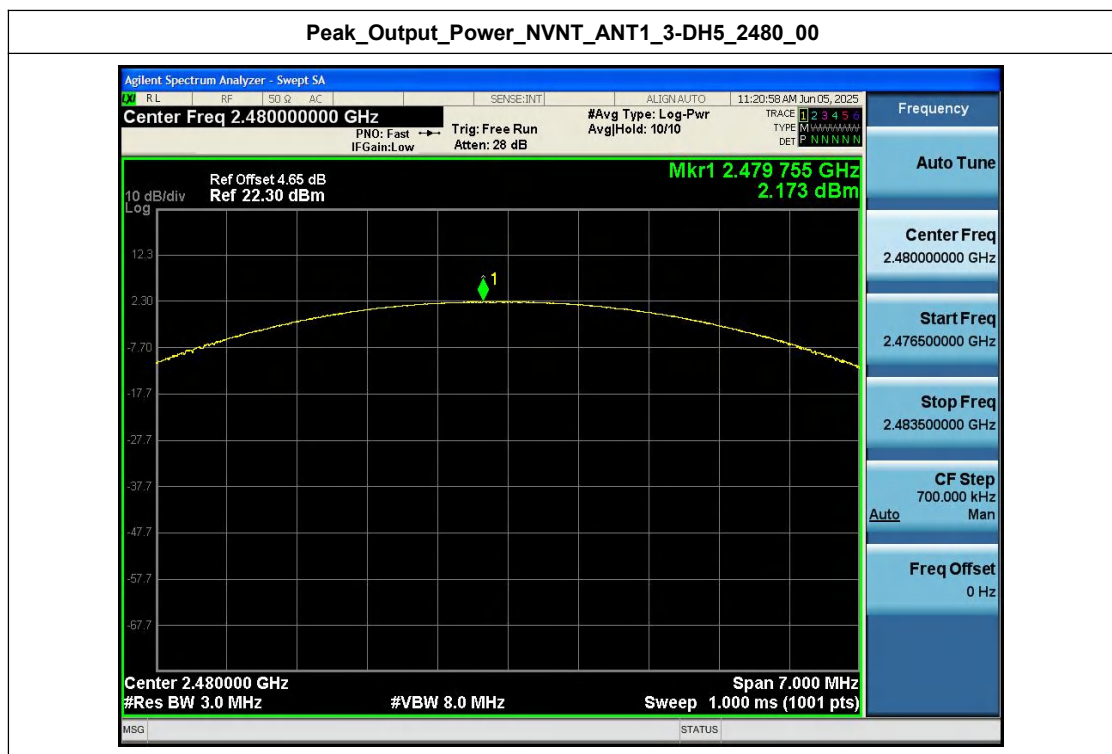
Peak\_Output\_Power\_NVNT\_ANT1\_3-DH5\_2402\_00



Peak\_Output\_Power\_NVNT\_ANT1\_3-DH5\_2441\_00



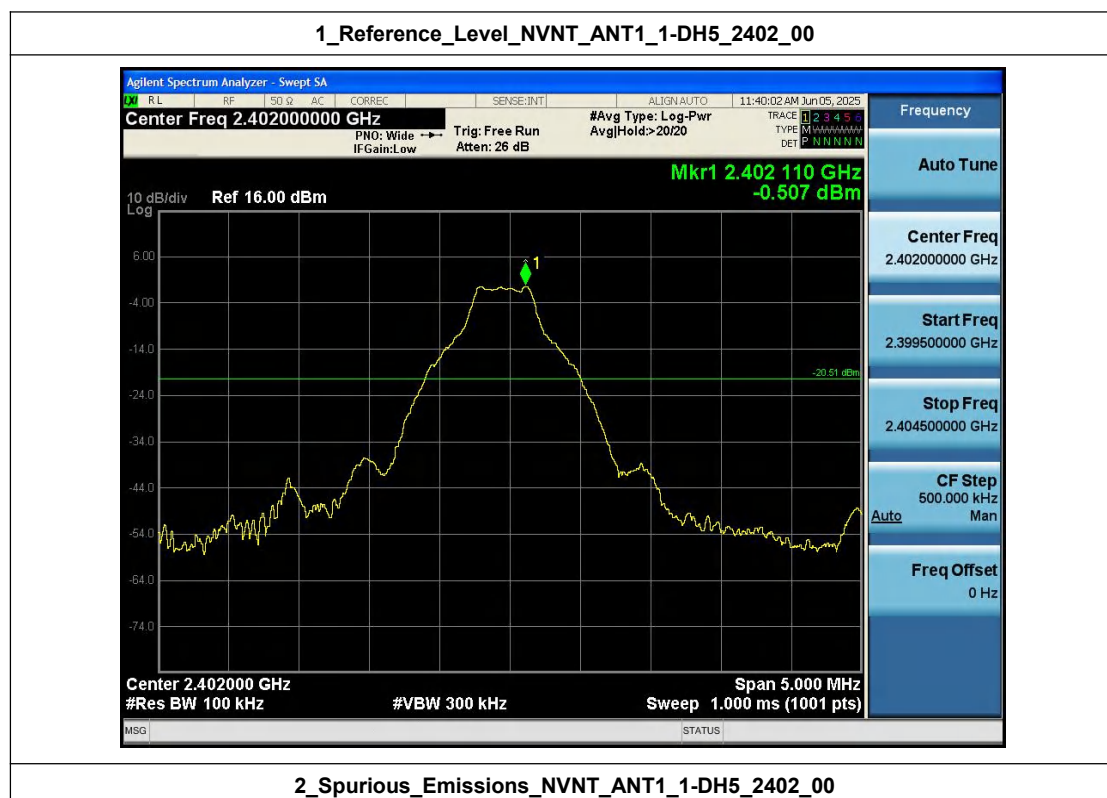
Peak\_Output\_Power\_NVNT\_ANT1\_3-DH5\_2480\_00



## Appendix E: Spurious Emissions

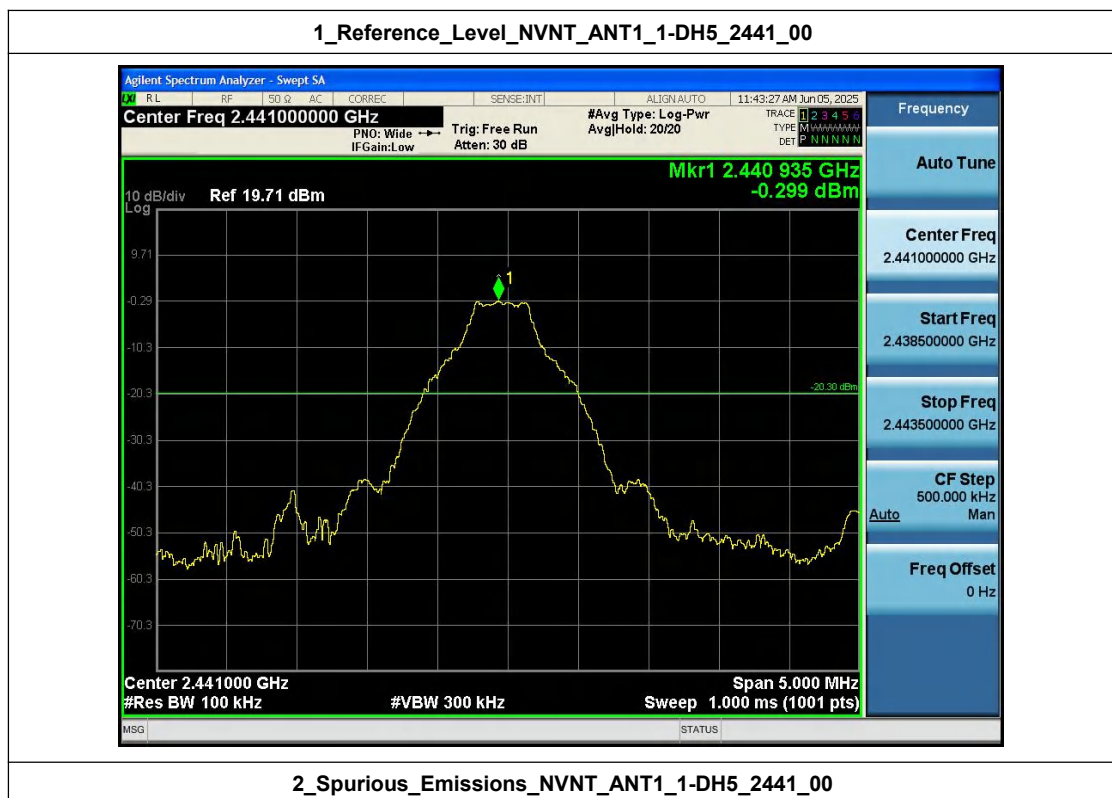
| Condition | Antenna | Modulation | TX Mode | Ref_level(dBm) | Spurious<br>MAX.Value(dBm) | Limit   | Result |
|-----------|---------|------------|---------|----------------|----------------------------|---------|--------|
| NVNT      | ANT1    | 1-DH5      | 2402.00 | -0.507         | -43.604                    | -20.507 | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2441.00 | -0.299         | -44.979                    | -20.299 | Pass   |
| NVNT      | ANT1    | 1-DH5      | 2480.00 | 1.205          | -42.166                    | -18.795 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2402.00 | -0.420         | -44.891                    | -20.420 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2441.00 | -0.188         | -45.222                    | -20.188 | Pass   |
| NVNT      | ANT1    | 2-DH5      | 2480.00 | 1.447          | -42.634                    | -18.553 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2402.00 | -0.226         | -44.397                    | -20.226 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2441.00 | -0.180         | -43.860                    | -20.180 | Pass   |
| NVNT      | ANT1    | 3-DH5      | 2480.00 | 1.609          | -42.623                    | -18.391 | Pass   |

Note: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.





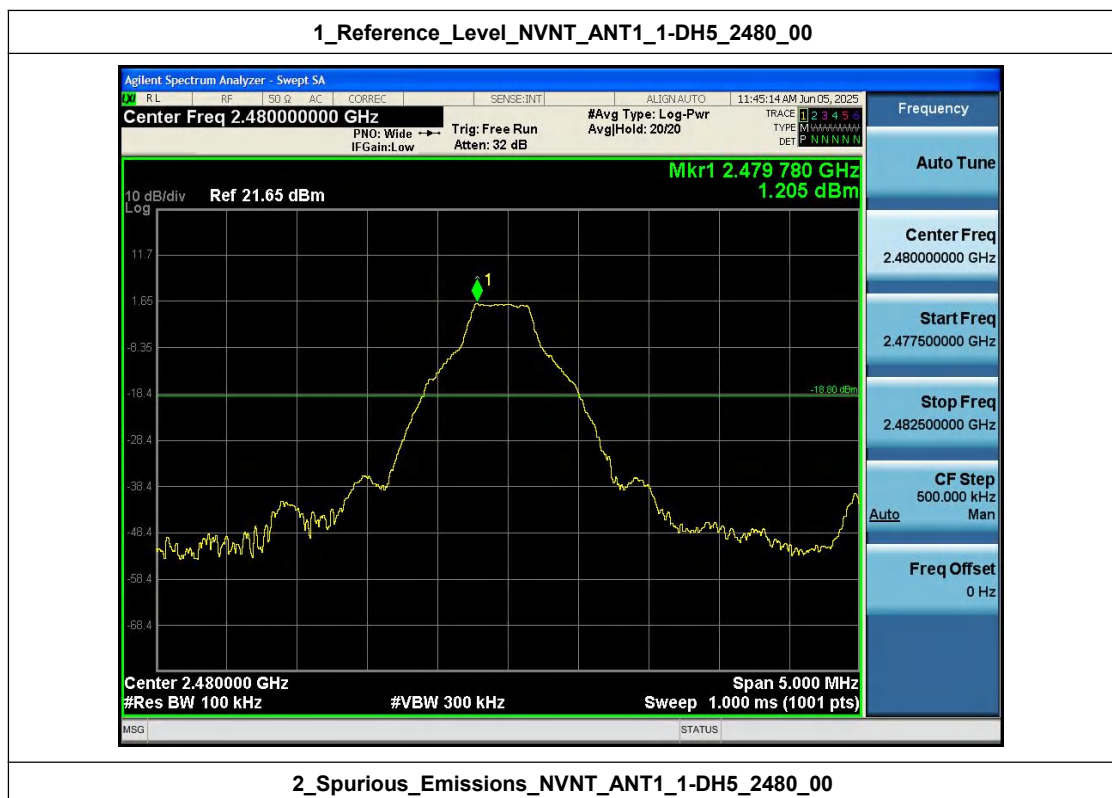
1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2441\_00



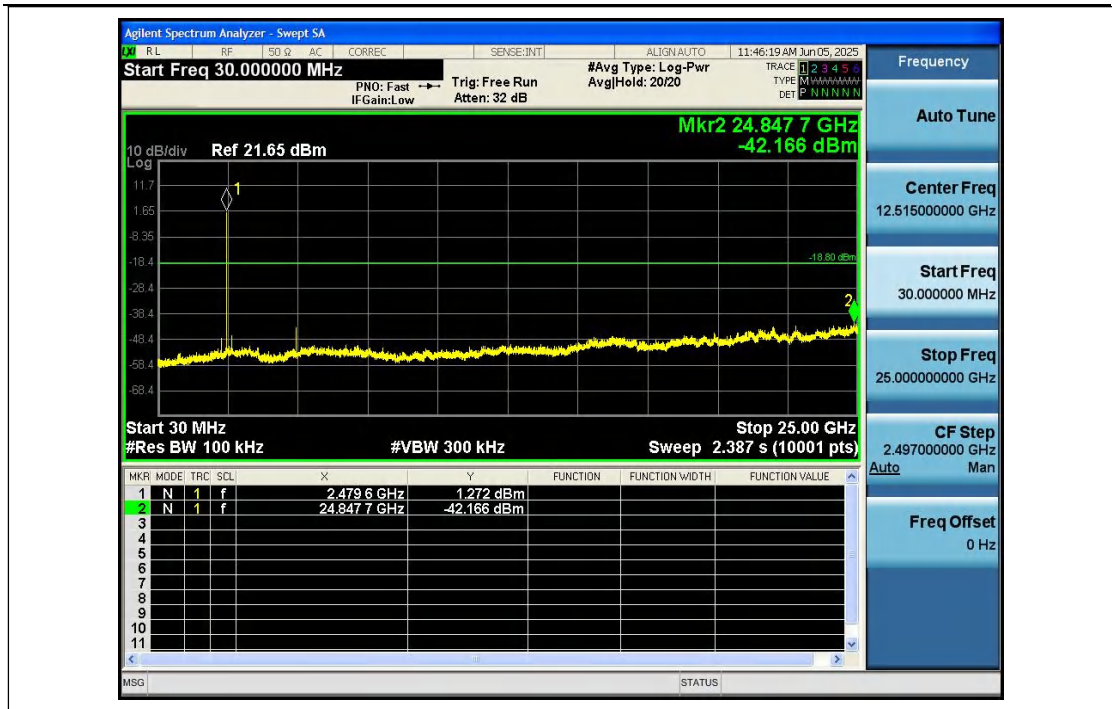
2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH5\_2441\_00



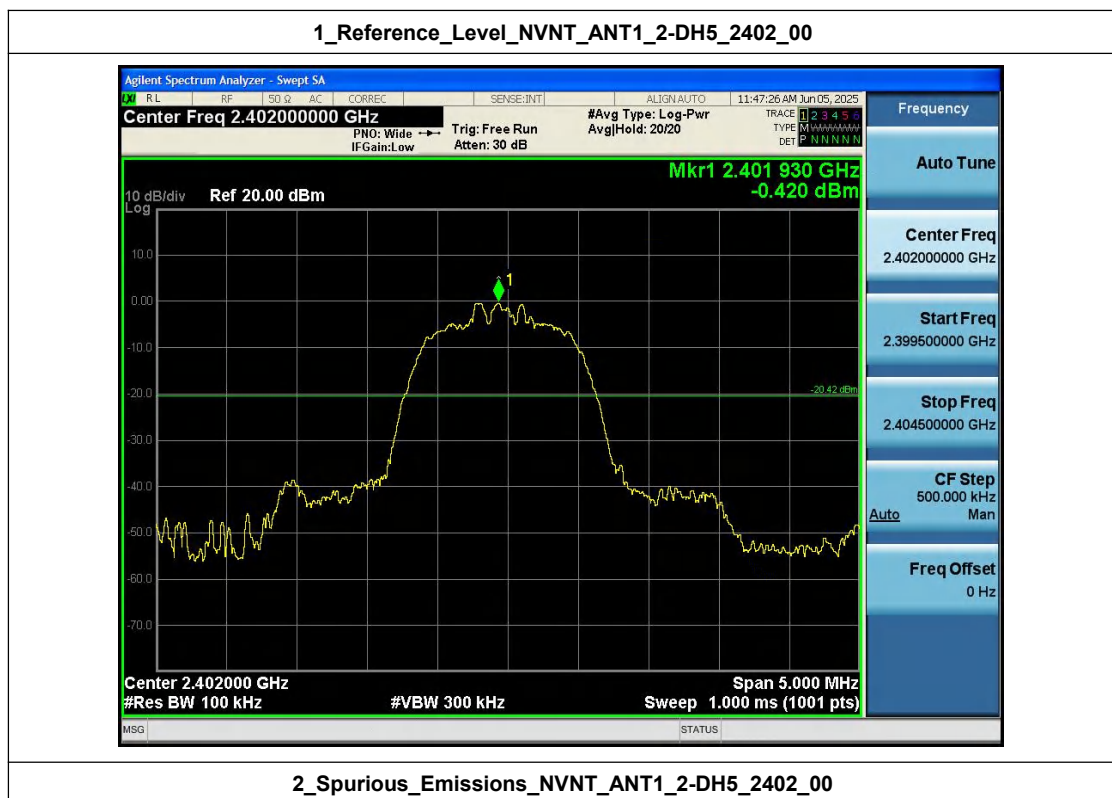
1\_Reference\_Level\_NVNT\_ANT1\_1-DH5\_2480\_00



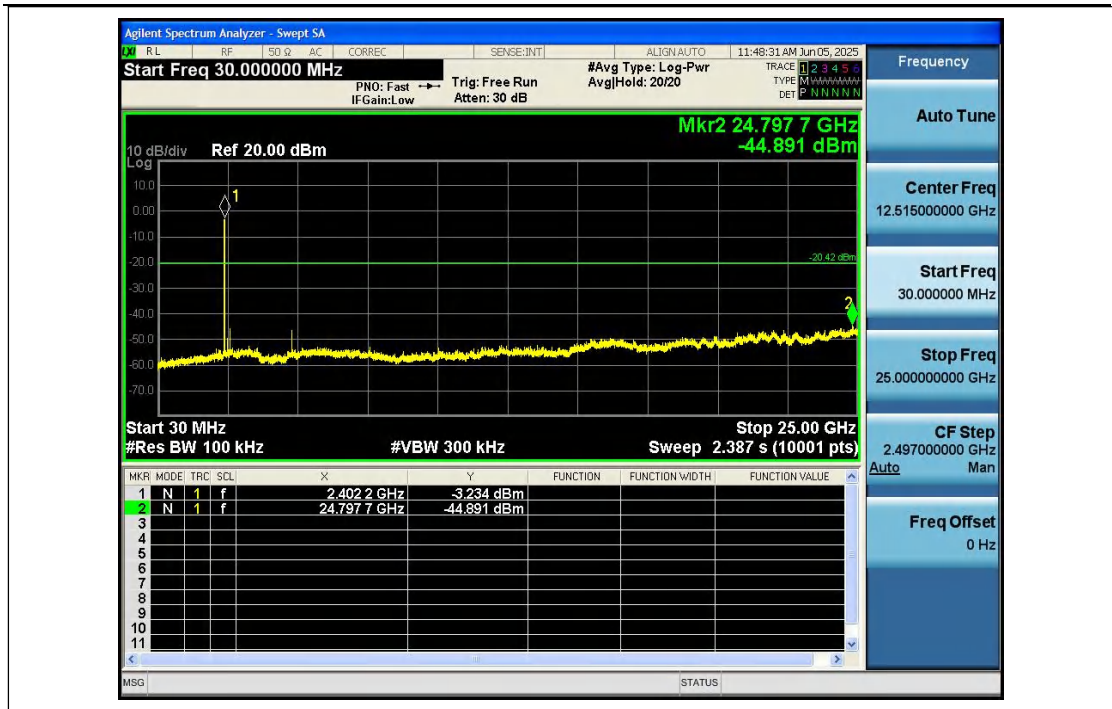
2\_Spurious\_Emissions\_NVNT\_ANT1\_1-DH5\_2480\_00



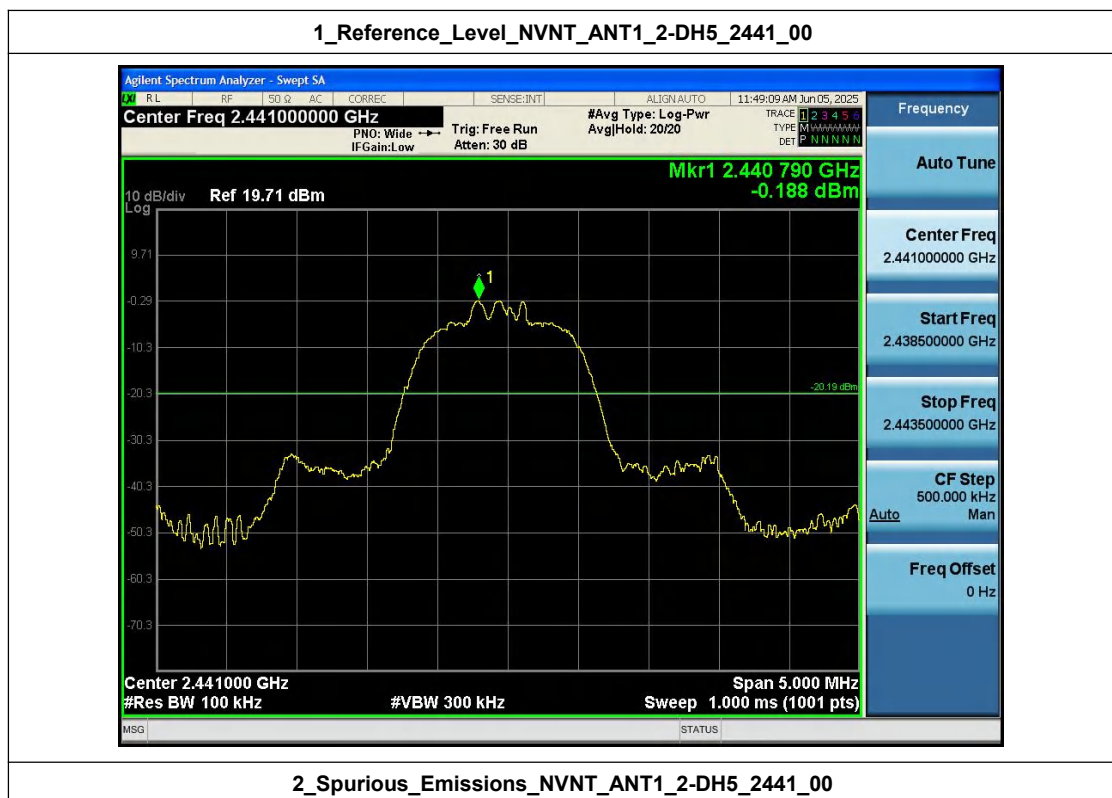
1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2402\_00



2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH5\_2402\_00



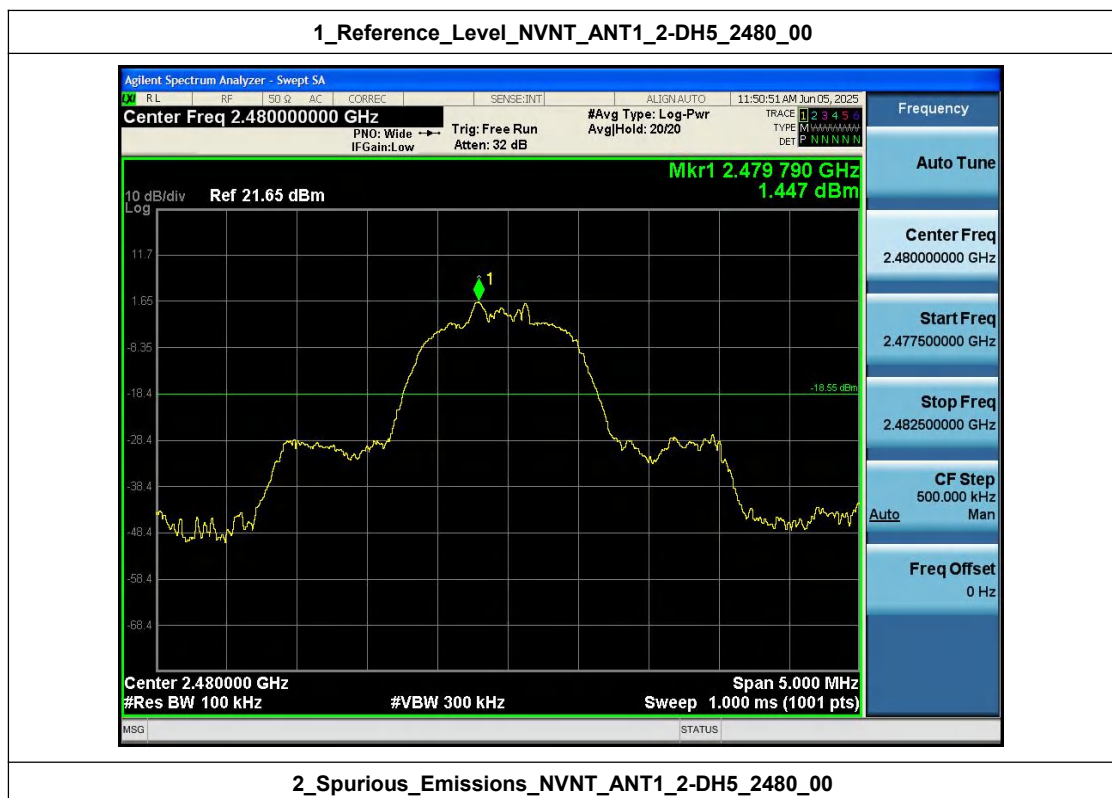
1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2441\_00



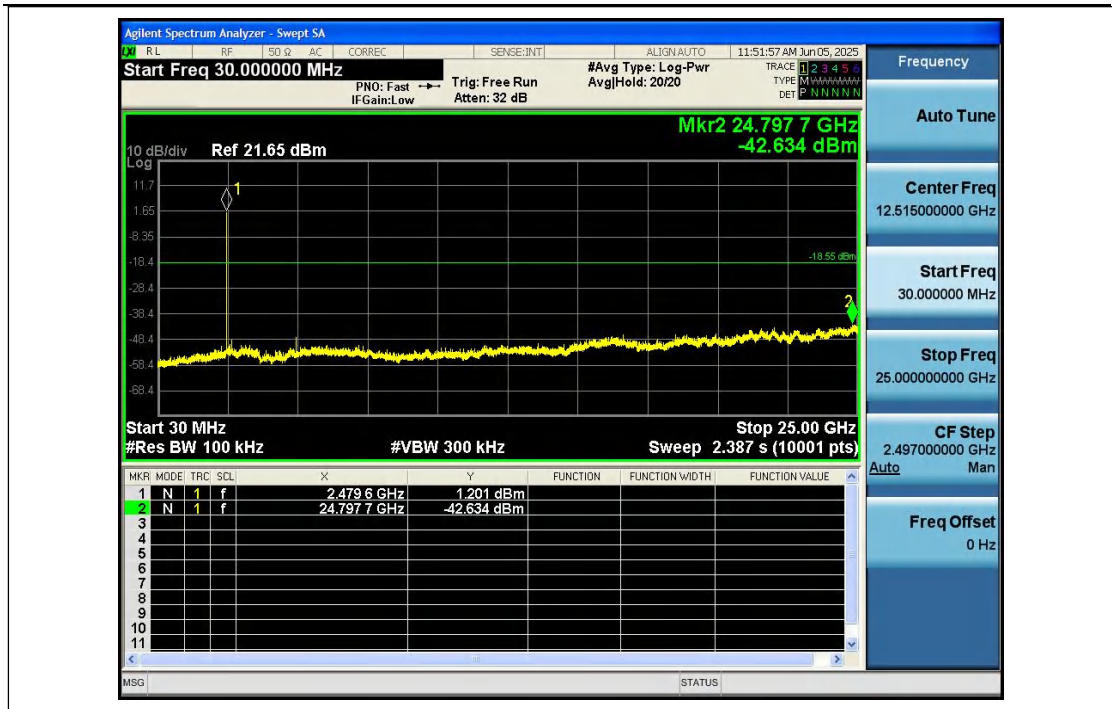
2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH5\_2441\_00



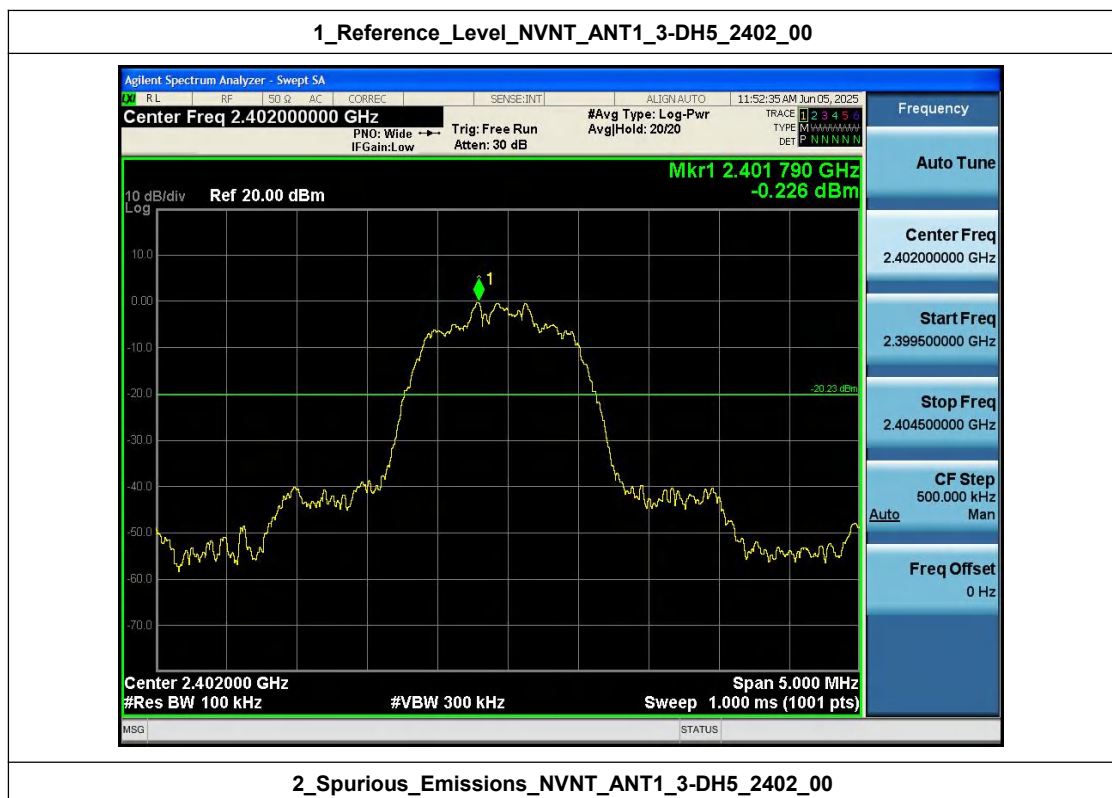
1\_Reference\_Level\_NVNT\_ANT1\_2-DH5\_2480\_00



2\_Spurious\_Emissions\_NVNT\_ANT1\_2-DH5\_2480\_00



1\_Reference\_Level\_NVNT\_ANT1\_3-DH5\_2402\_00

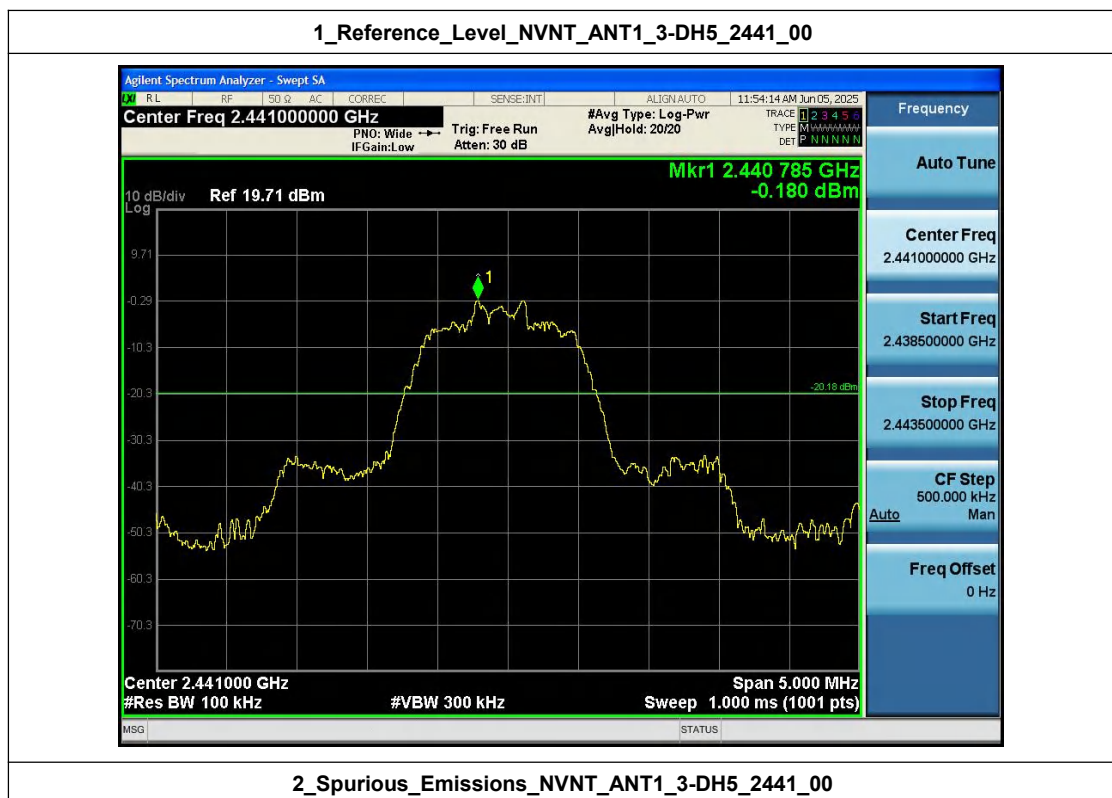


2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH5\_2402\_00



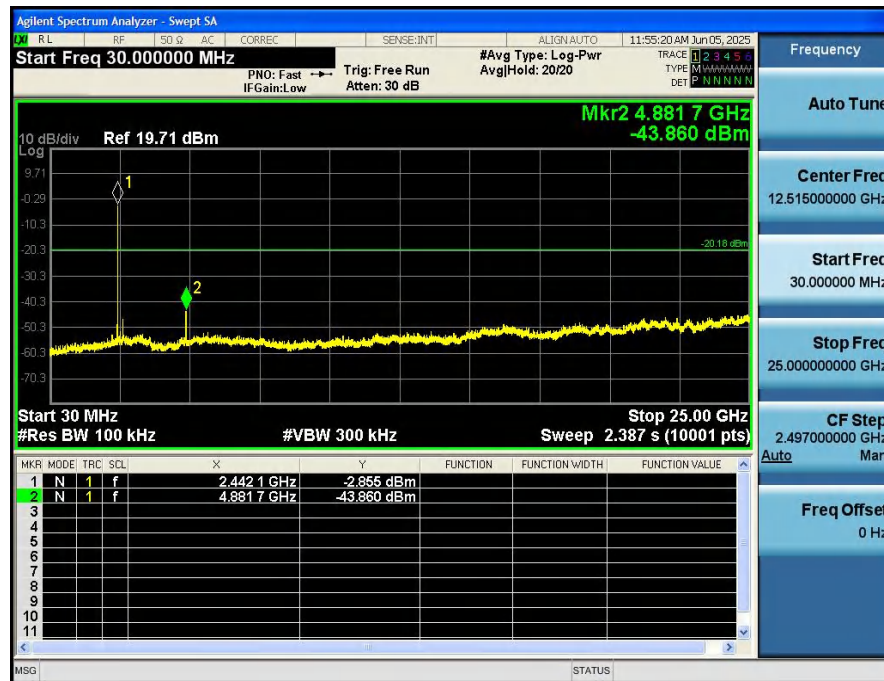


1\_Reference\_Level\_NVNT\_ANT1\_3-DH5\_2441\_00



2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH5\_2441\_00





1\_Reference\_Level\_NVNT\_ANT1\_3-DH5\_2480\_00



2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH5\_2480\_00