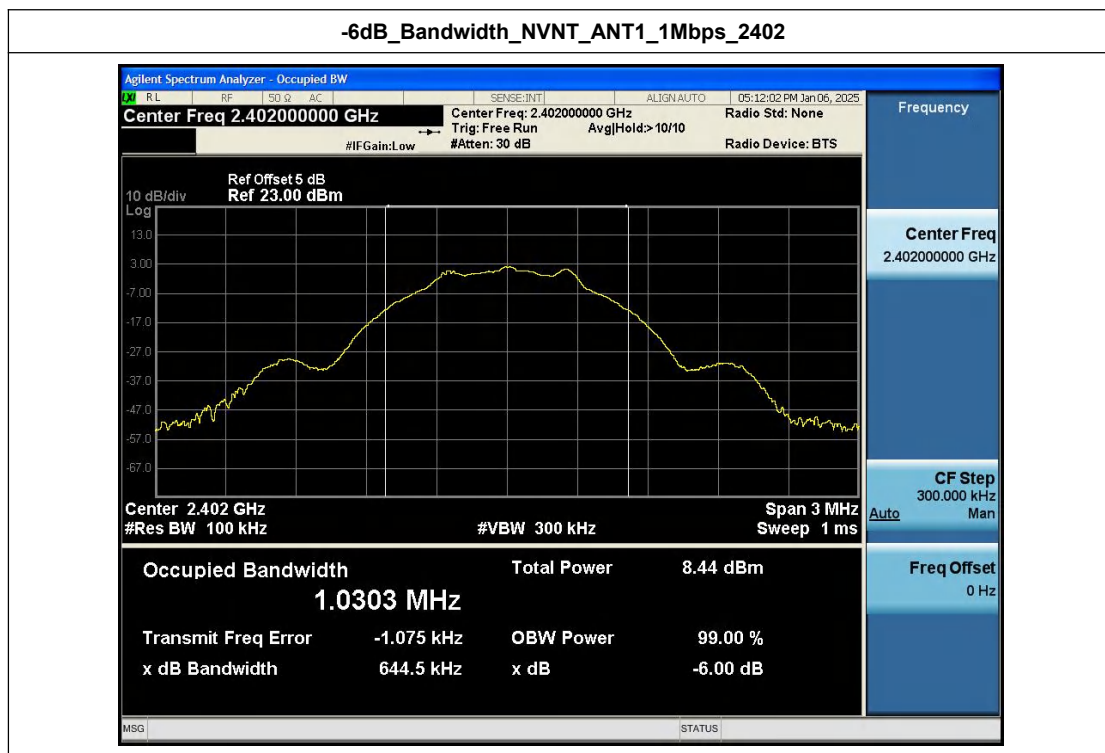


## Appendix Test Data

|                  |                   |                    |                    |
|------------------|-------------------|--------------------|--------------------|
| Report No.:      | 1816C40014112502  | Test Sample No.:   | 1-2-2              |
| Start Test Date: | 2025.1.6          | Finish Test Date:  | 2025.1.6           |
| Test Engineer:   | <i>Joker Wang</i> | Auditor:           | <i>Justin Feng</i> |
| Temperature:     | 23.8°C            | Relative Humidity: | 56%                |
| Pressure:        | 101kPa            |                    |                    |

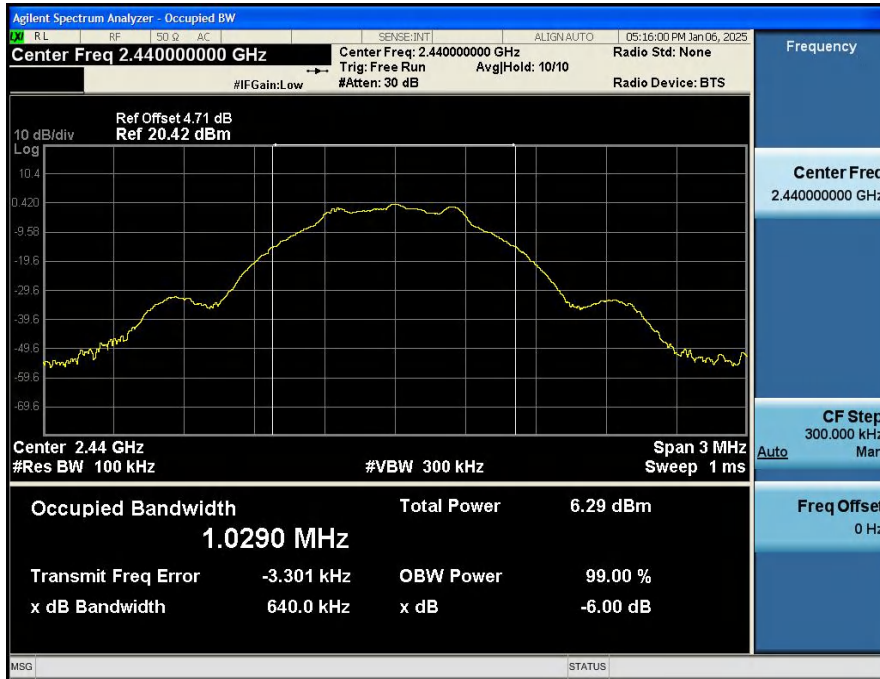
### Appendix A: -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 644.50       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 640.05       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 640.73       | 500        | Pass   |
| NVNT      | ANT1    | 2Mbps | 2402.00         | 1126.26      | 500        | Pass   |
| NVNT      | ANT1    | 2Mbps | 2440.00         | 1097.28      | 500        | Pass   |
| NVNT      | ANT1    | 2Mbps | 2480.00         | 1114.14      | 500        | Pass   |



### Shenzhen Anbotech Compliance Laboratory Limited

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



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



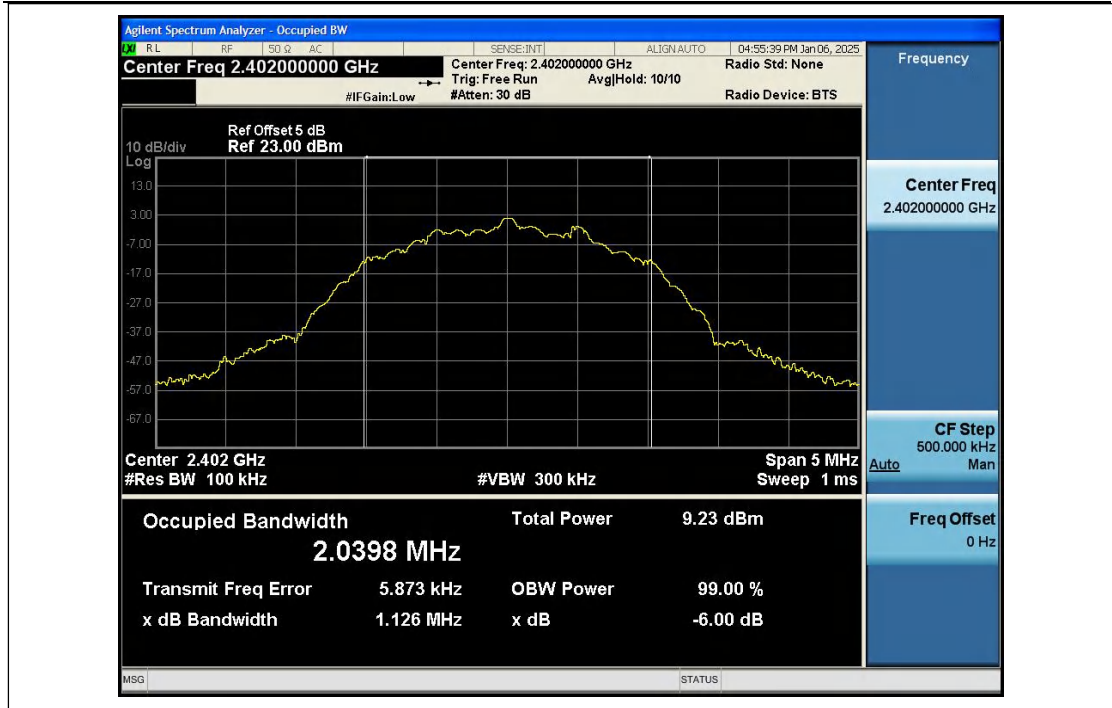
**-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402**

**Shenzhen Anbotek Compliance Laboratory Limited**

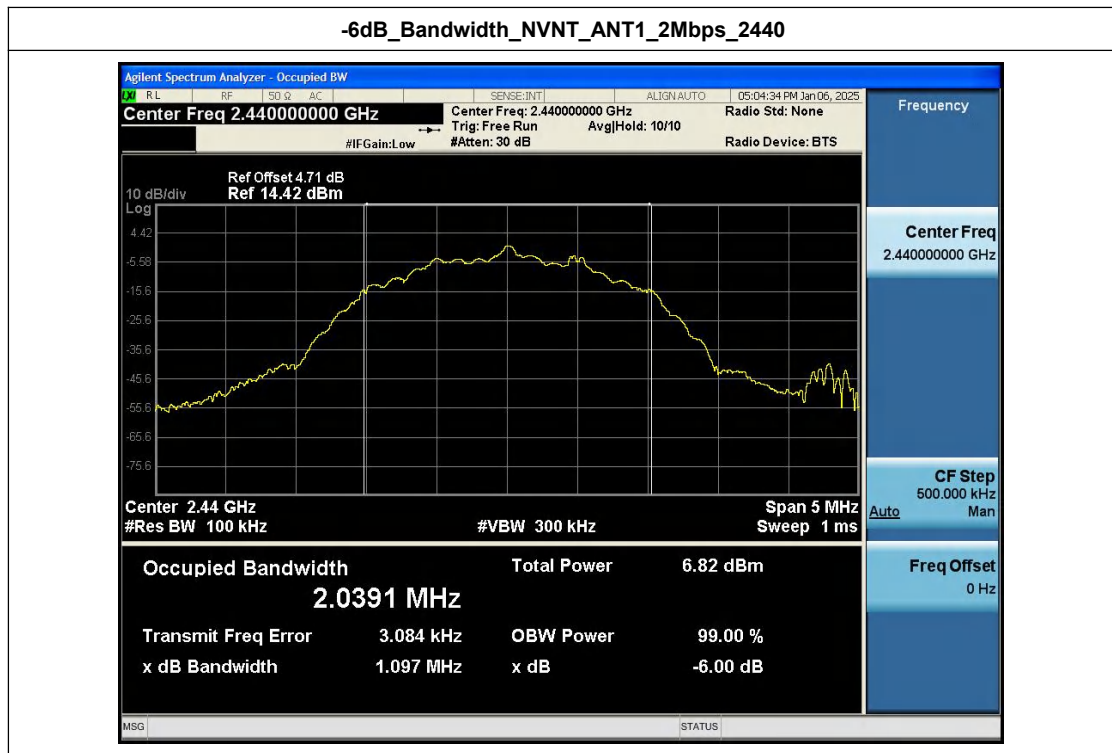
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotek.com



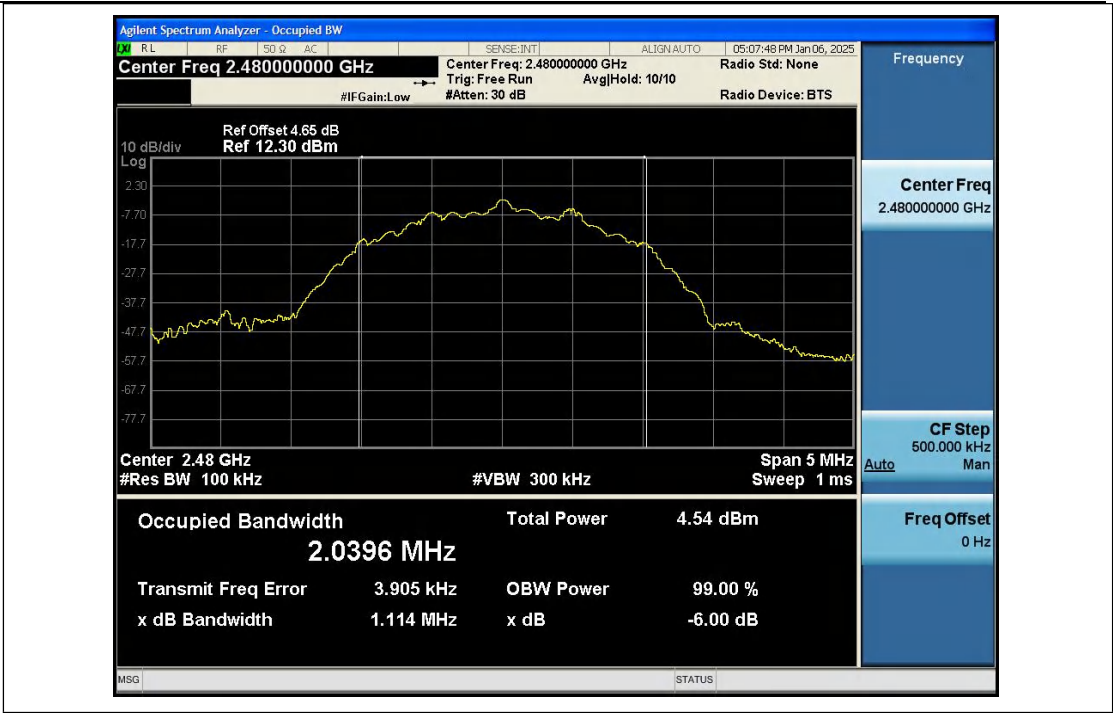
Hotline  
400-003-0500  
www.anbotek.com



-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480



Shenzhen Anbotek Compliance Laboratory Limited

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

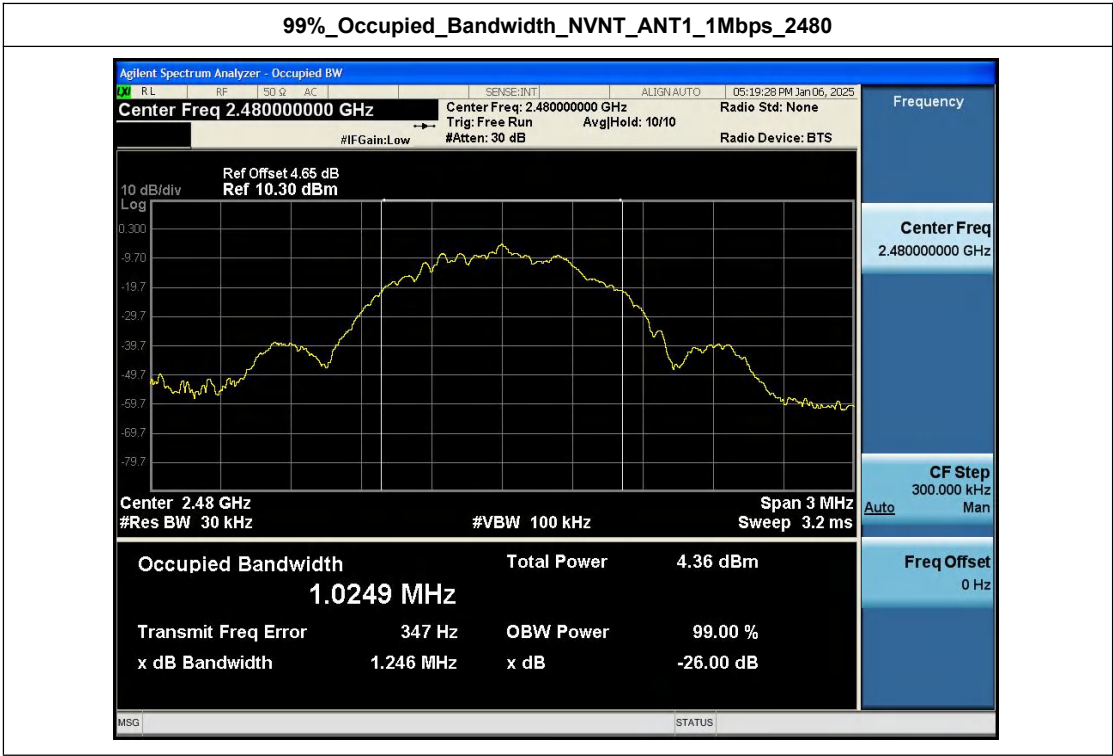
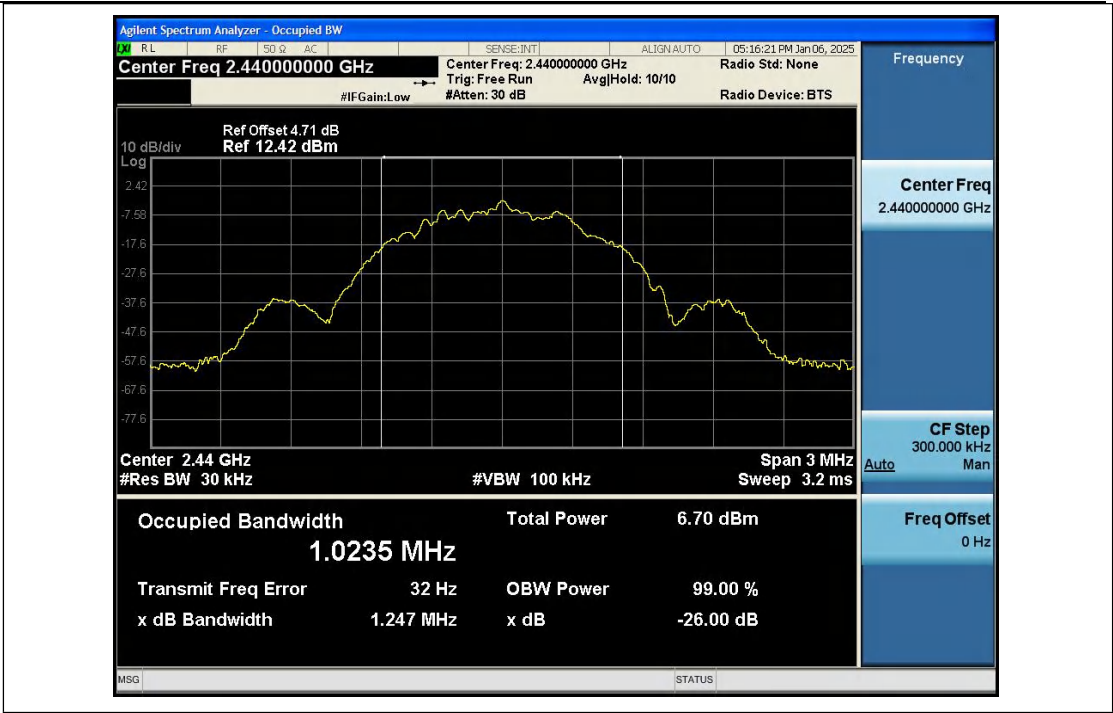
## Appendix B: 99% Occupied Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | 99%BW(MHz) |
|-----------|---------|-------|-----------------|------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.024      |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.023      |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.025      |
| NVNT      | ANT1    | 2Mbps | 2402.00         | 2.024      |
| NVNT      | ANT1    | 2Mbps | 2440.00         | 2.021      |
| NVNT      | ANT1    | 2Mbps | 2480.00         | 2.026      |

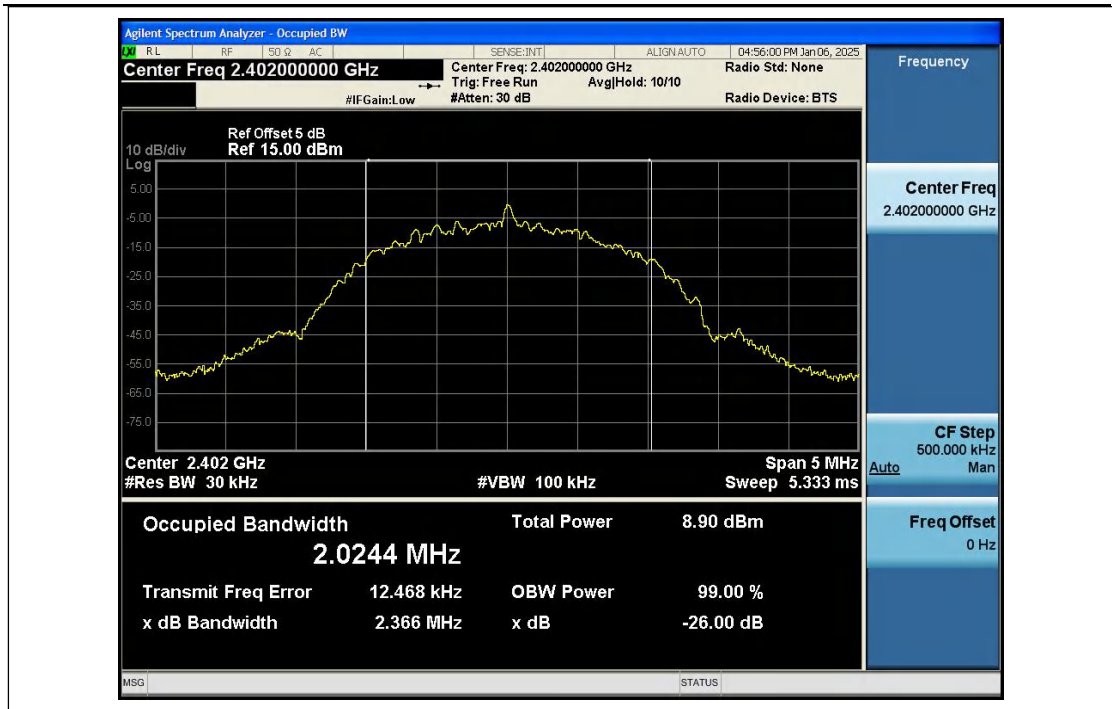
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2402



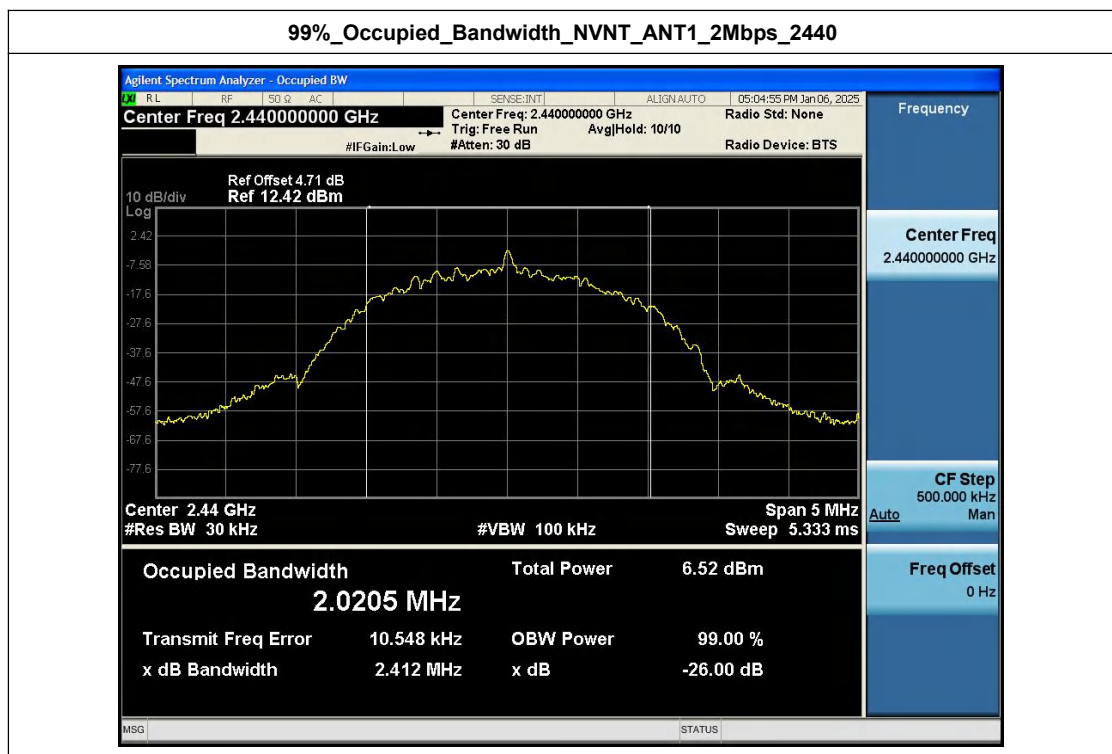
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2440



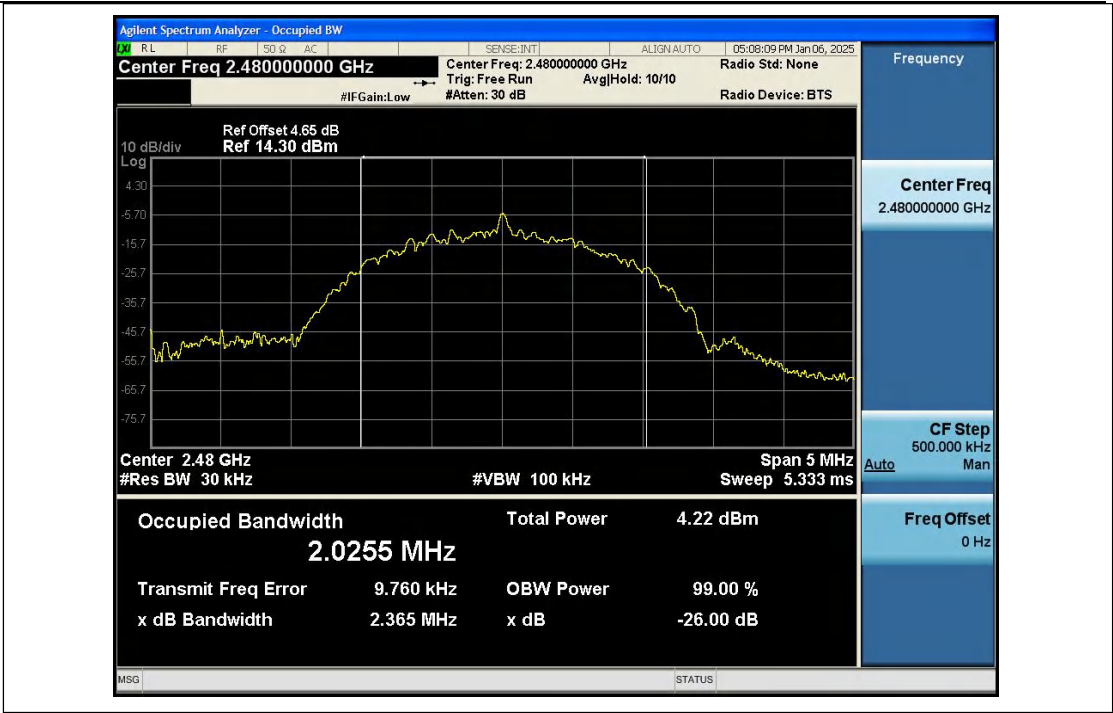
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402



99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480



**Shenzhen Anbotek Compliance Laboratory Limited**

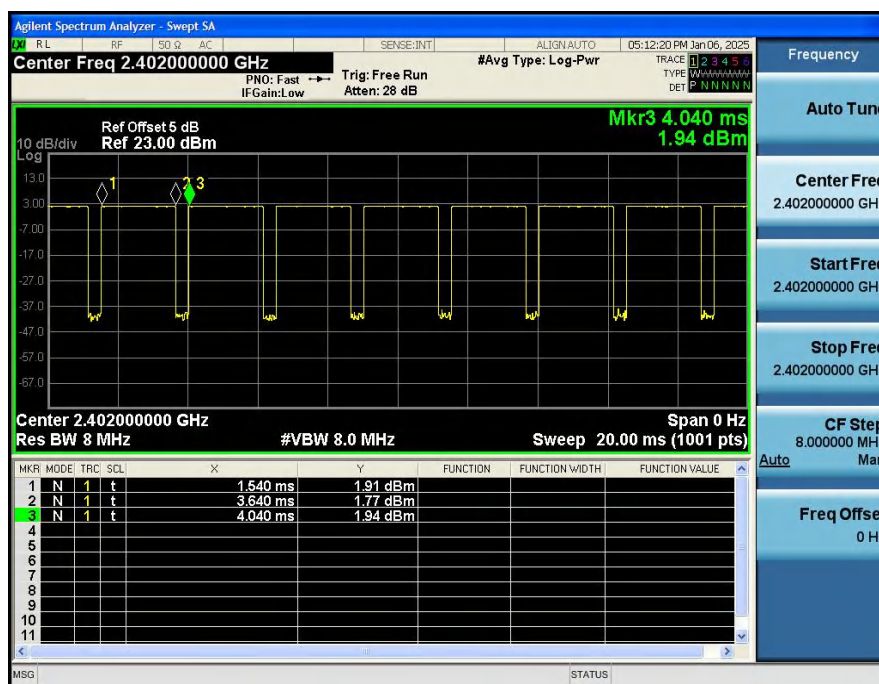
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotek.com

 Hotline  
400-003-0500  
www.anbotek.com

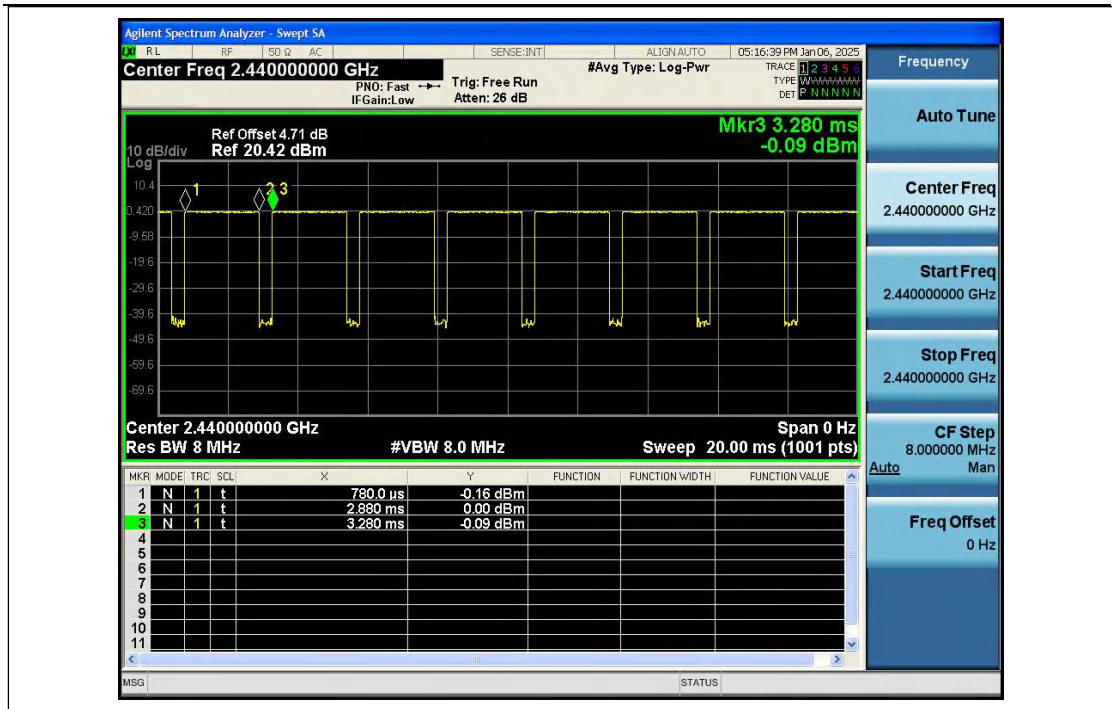
## Appendix C: Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 84.80        | 0.72        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 84.80        | 0.72        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 84.80        | 0.72        |
| NVNT      | ANT1    | 2Mbps | 2402.00         | 58.06        | 2.36        |
| NVNT      | ANT1    | 2Mbps | 2440.00         | 56.38        | 2.49        |
| NVNT      | ANT1    | 2Mbps | 2480.00         | 57.45        | 2.41        |

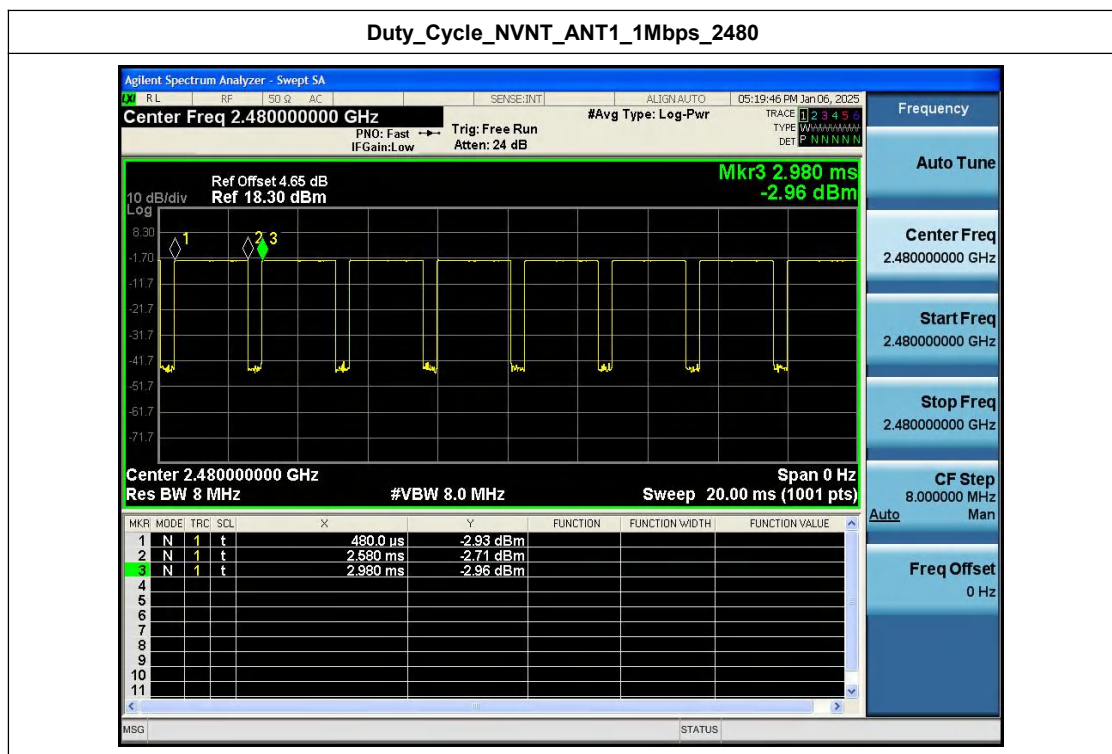
Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2402



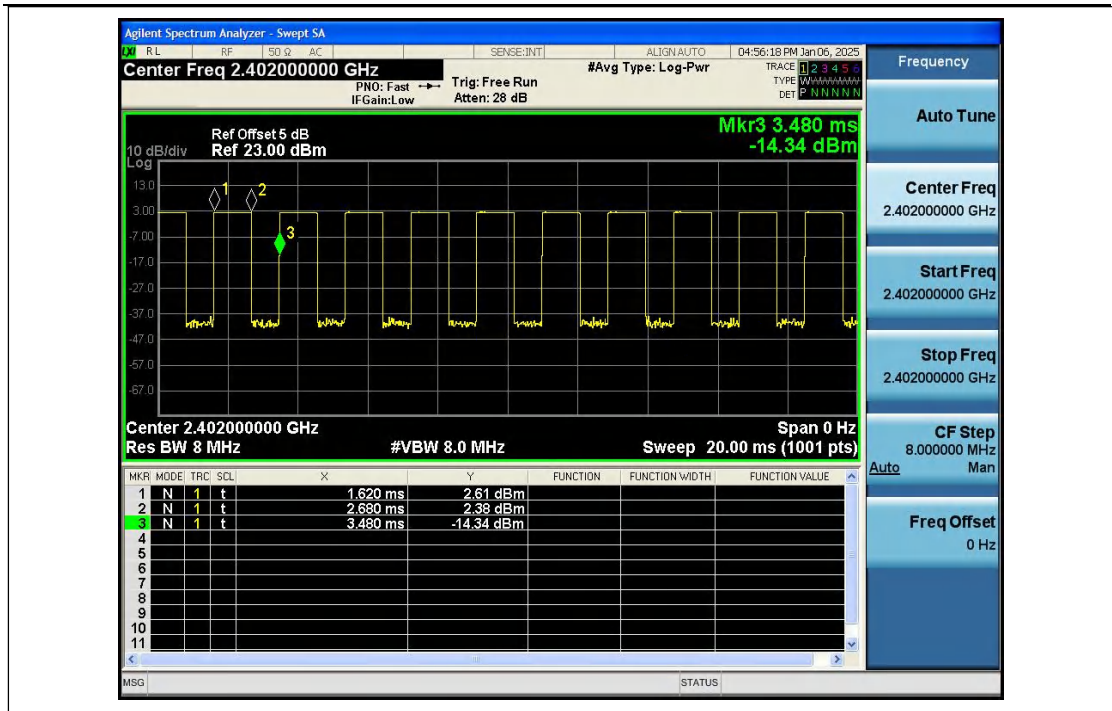
Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2440



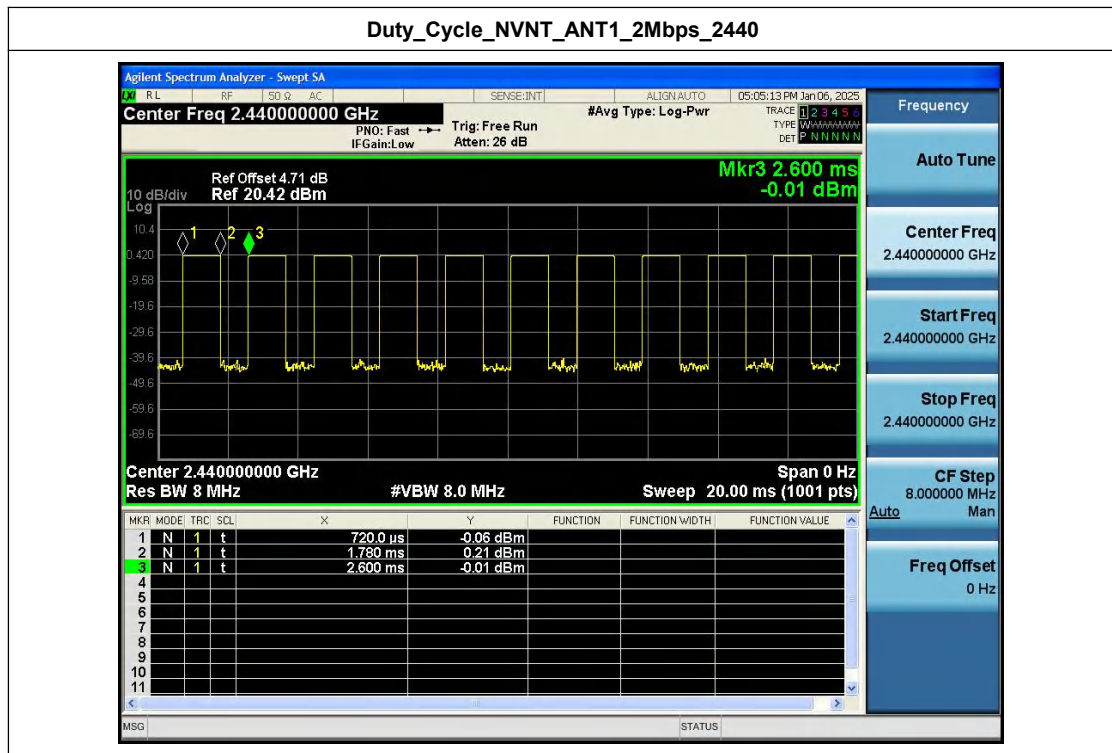
Duty\_Cycle\_NVNT\_ANT1\_1Mbps\_2480



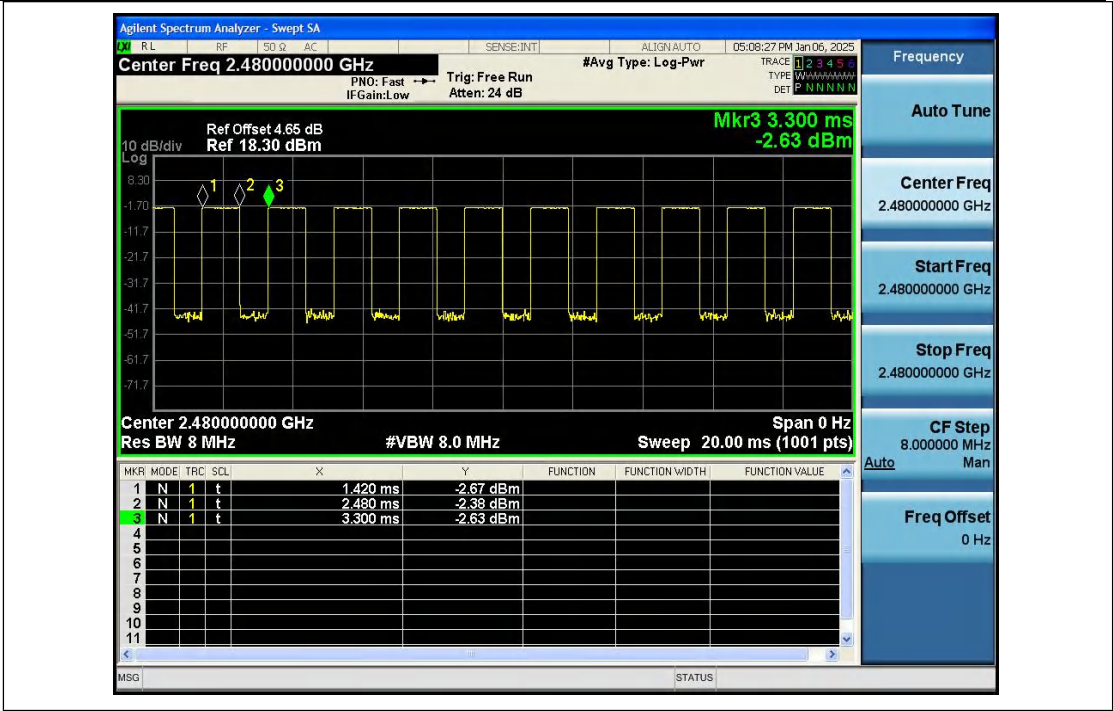
Duty\_Cycle\_NVNT\_ANT1\_2Mbps\_2402



Duty\_Cycle\_NVNT\_ANT1\_2Mbps\_2440



Duty\_Cycle\_NVNT\_ANT1\_2Mbps\_2480



Shenzhen Anbotek Compliance Laboratory Limited

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

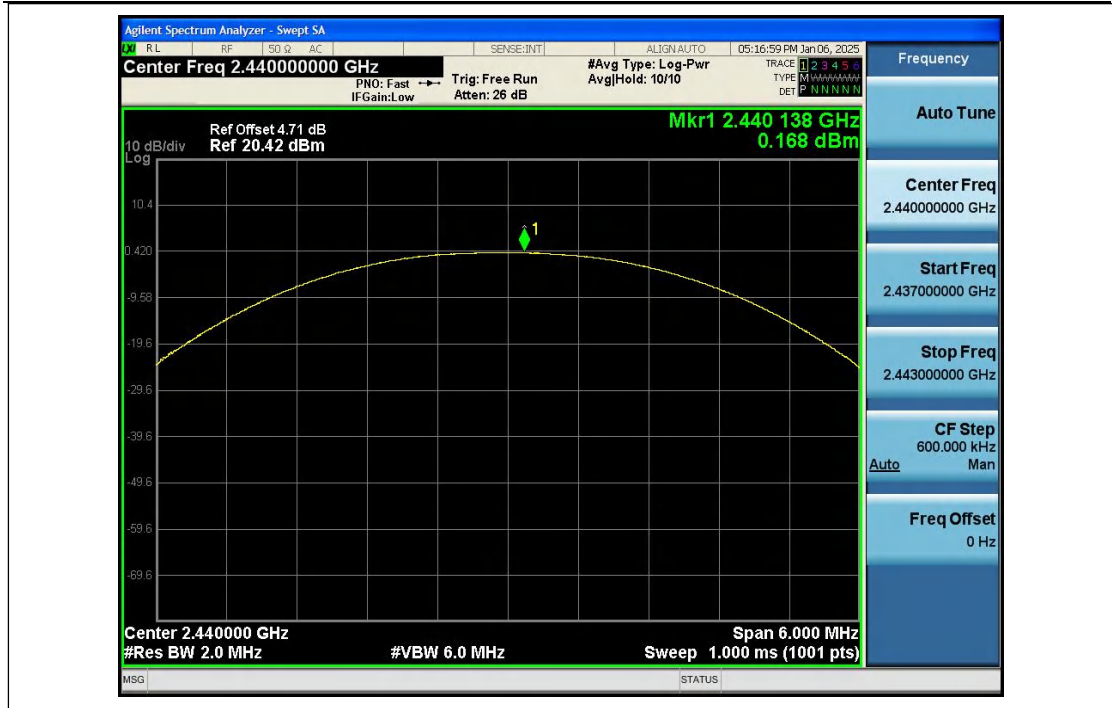
## Appendix D: Peak Output Power

| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 2.40                      | 1.74                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 0.17                      | 1.04                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -2.51                     | 0.56                     | 1000      | Pass   |
| NVNT      | ANT1    | 2Mbps | 2402.00         | 2.11                      | 1.63                     | 1000      | Pass   |
| NVNT      | ANT1    | 2Mbps | 2440.00         | 0.16                      | 1.04                     | 1000      | Pass   |
| NVNT      | ANT1    | 2Mbps | 2480.00         | -2.24                     | 0.60                     | 1000      | Pass   |

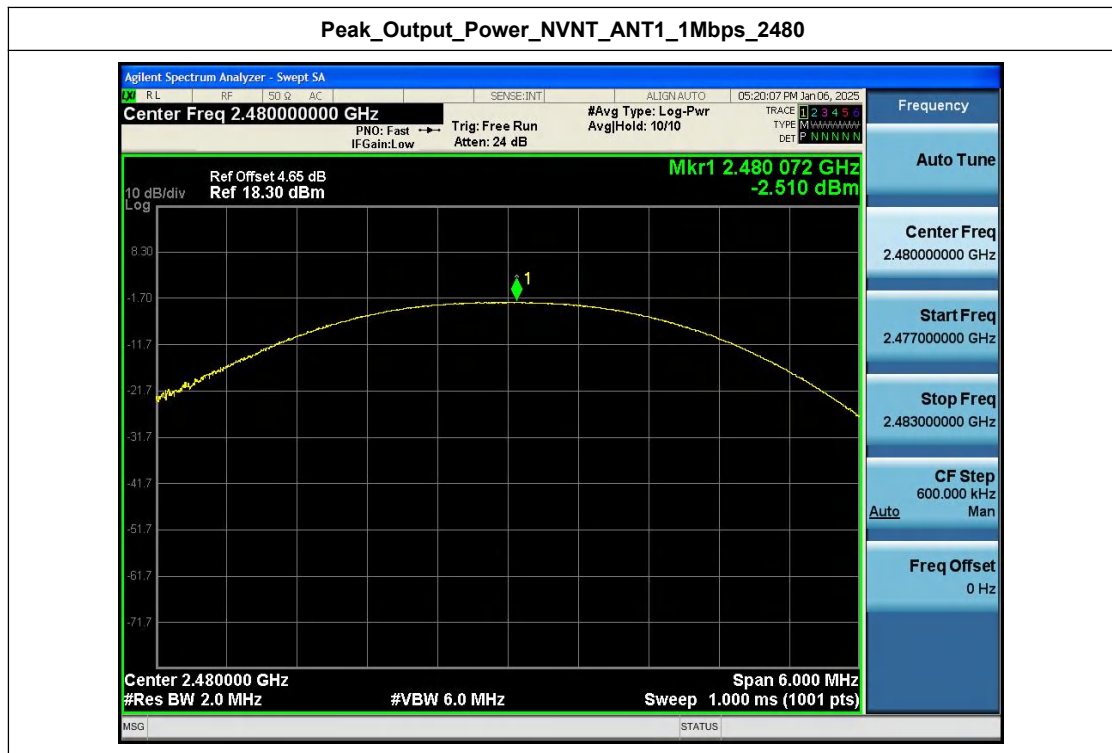
Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2402



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

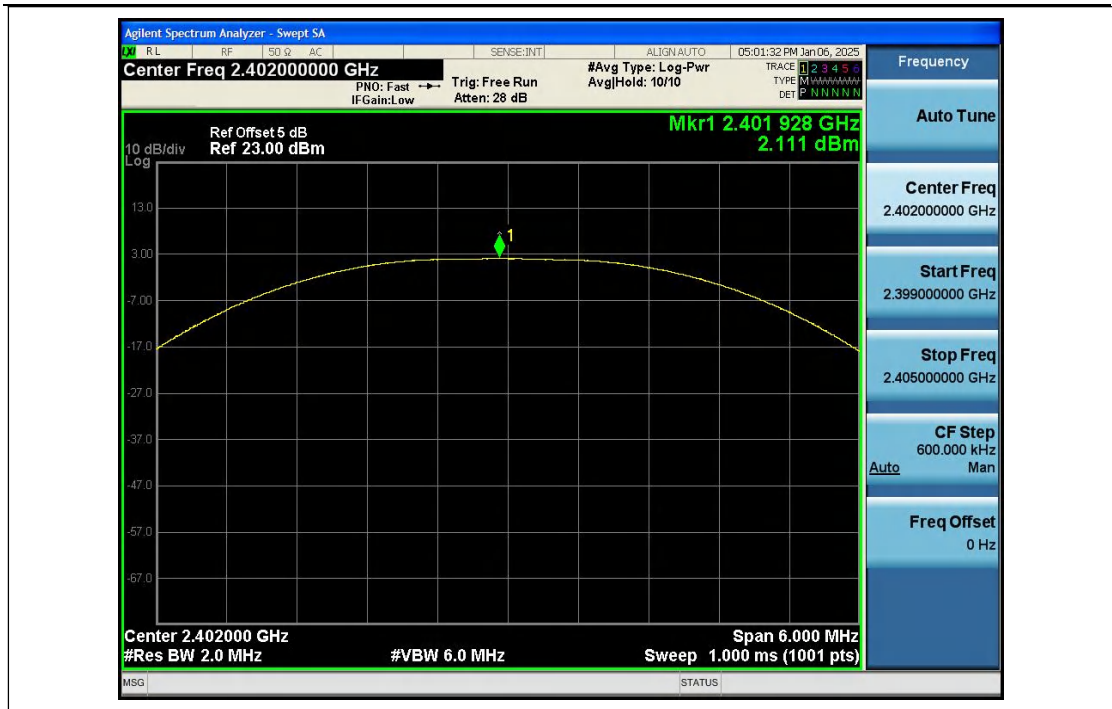


Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480

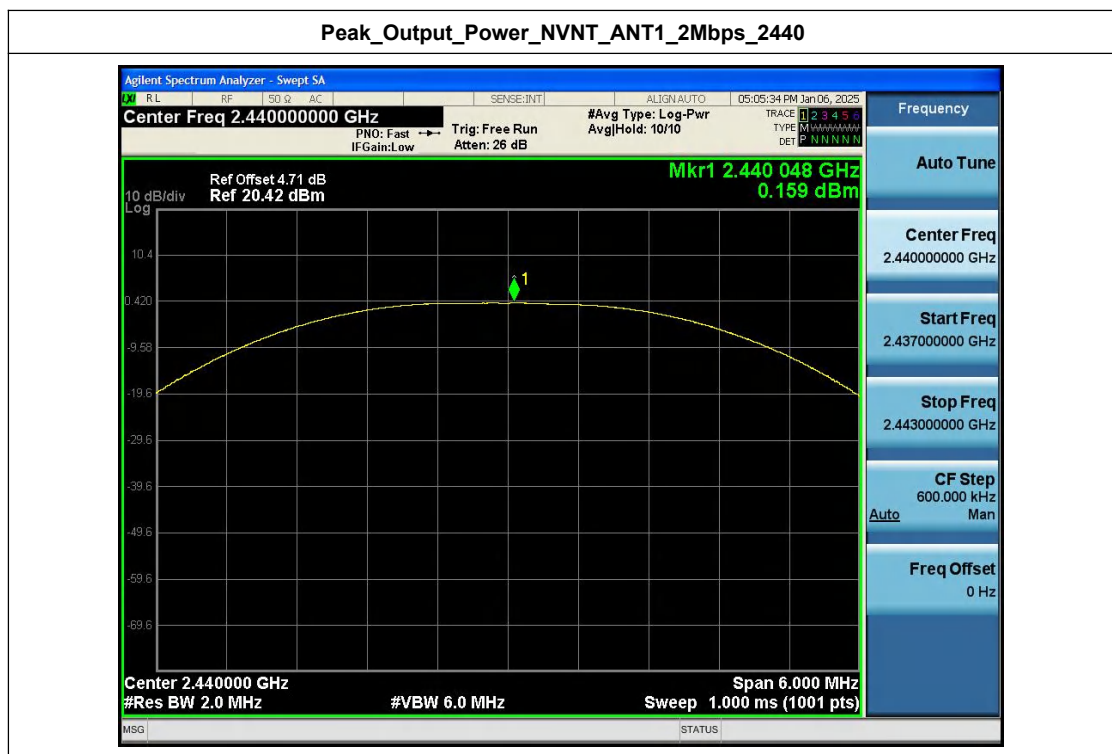


Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2402

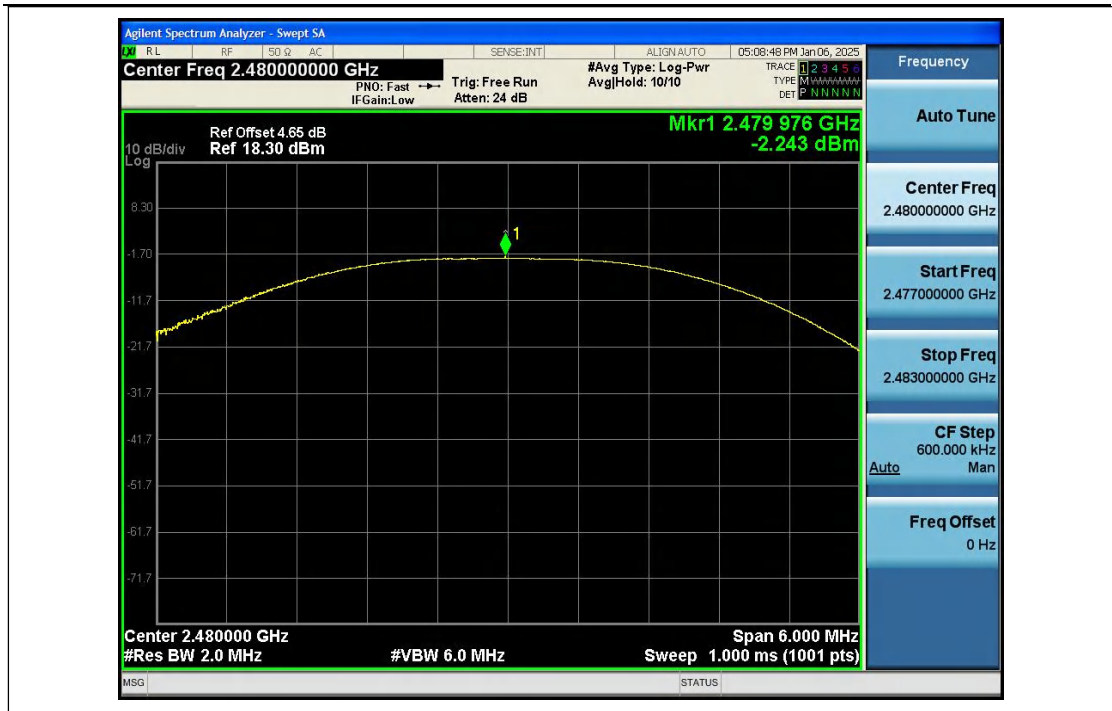




Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2440



Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2480



### Shenzhen Anbotek Compliance Laboratory Limited

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

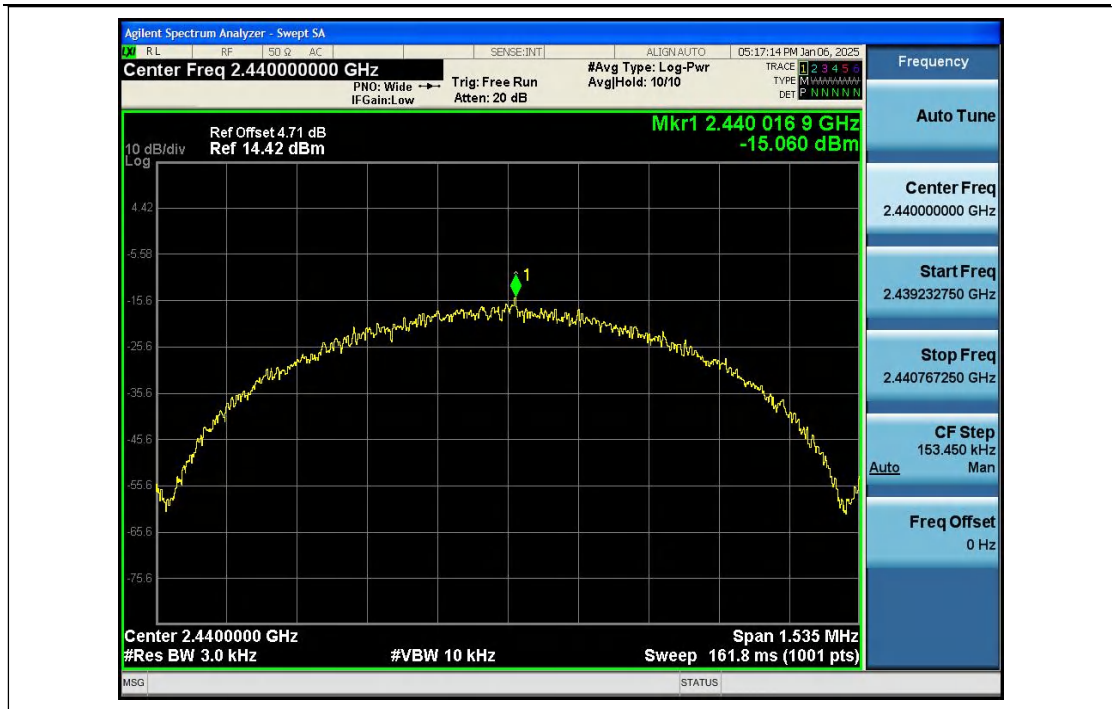
## Appendix E: Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm/3kHz) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|----------------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -12.82                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -15.06                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -17.99                           | 8               | Pass   |
| NVNT      | ANT1    | 2Mbps | 2402.00         | -15.20                           | 8               | Pass   |
| NVNT      | ANT1    | 2Mbps | 2440.00         | -17.17                           | 8               | Pass   |
| NVNT      | ANT1    | 2Mbps | 2480.00         | -19.88                           | 8               | Pass   |

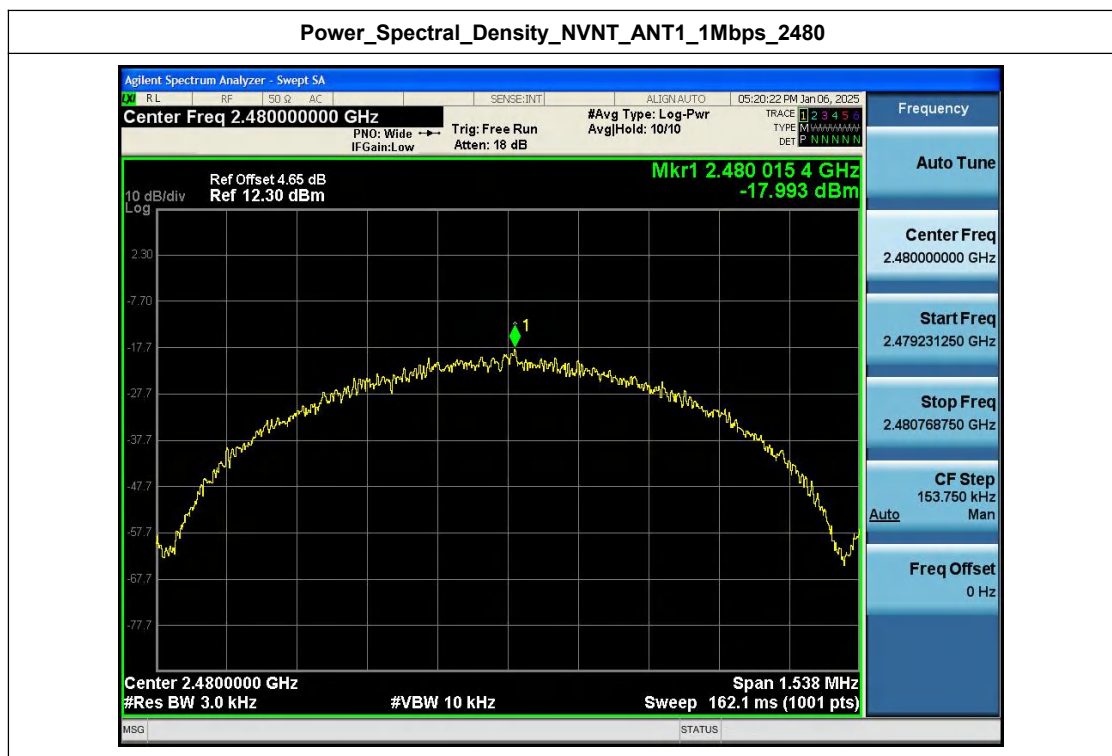
Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2402



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



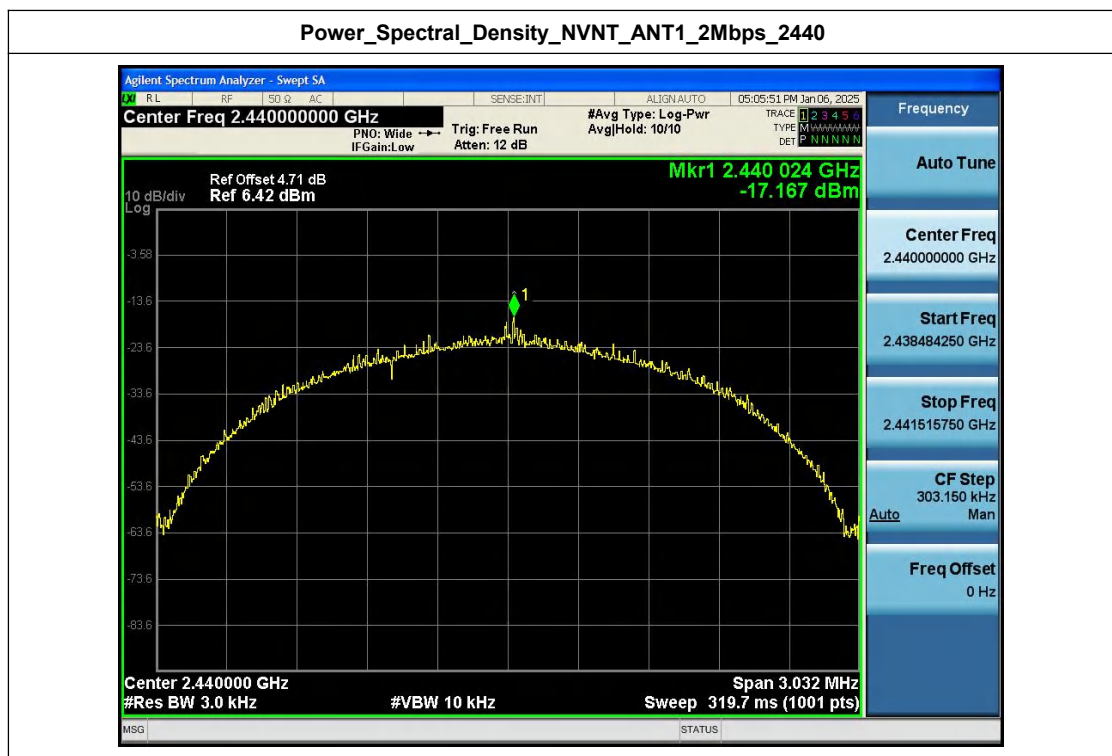
Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480



Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2402



Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2440



Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2480



### Shenzhen Anbotek Compliance Laboratory Limited

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

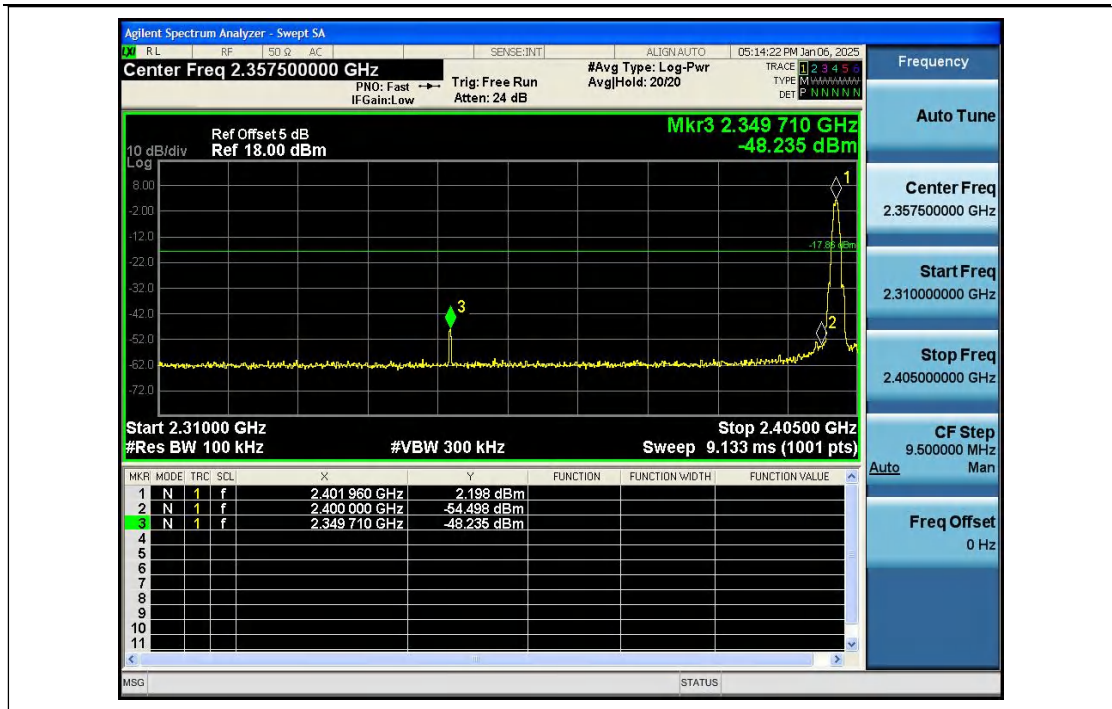
## Appendix F: Bandedge

| Condition | Antenna | Modulation | TX_Frequency<br>(MHz) | Max.<br>Mark_freq<br>(MHz) | Ref_level<br>(dBm) | Spurious<br>level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|-----------------------|----------------------------|--------------------|------------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00               | 2349.710                   | 2.143              | -48.235                | -17.857    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00               | 2483.525                   | -3.088             | -63.840                | -23.088    | Pass   |
| NVNT      | ANT1    | 2Mbps      | 2402.00               | 2399.965                   | 2.032              | -47.638                | -17.968    | Pass   |
| NVNT      | ANT1    | 2Mbps      | 2480.00               | 2483.925                   | -2.888             | -62.325                | -22.888    | Pass   |

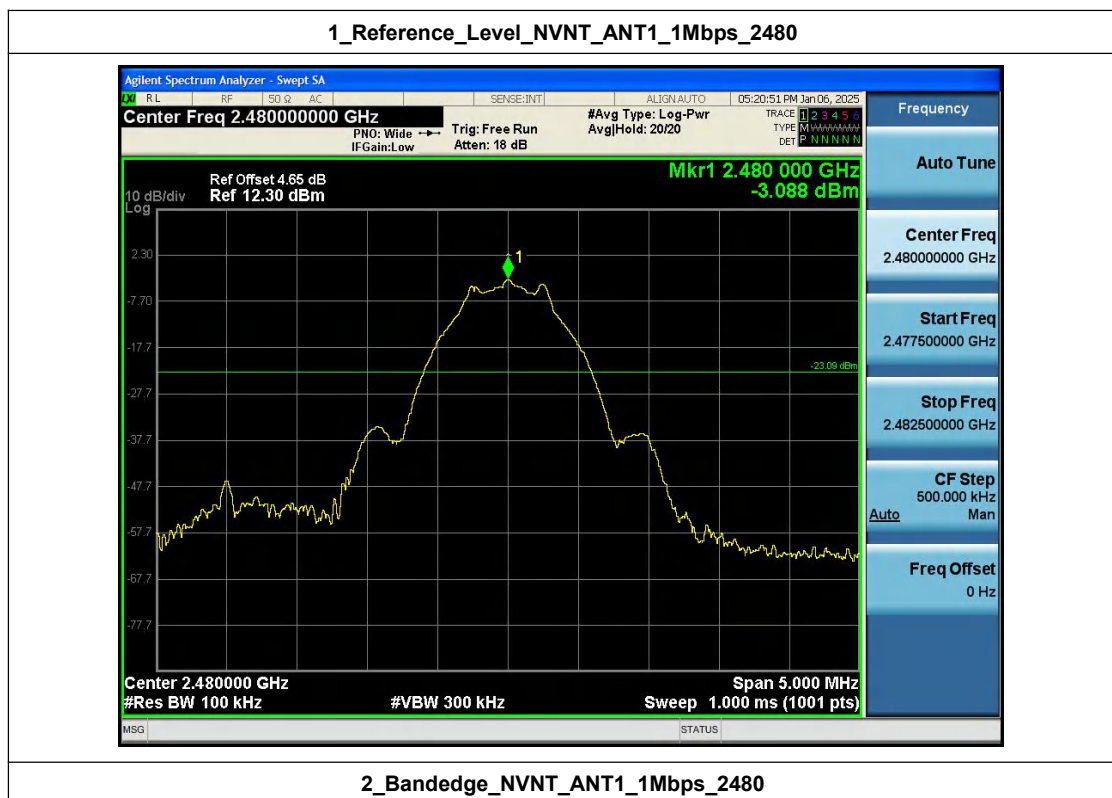
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2402



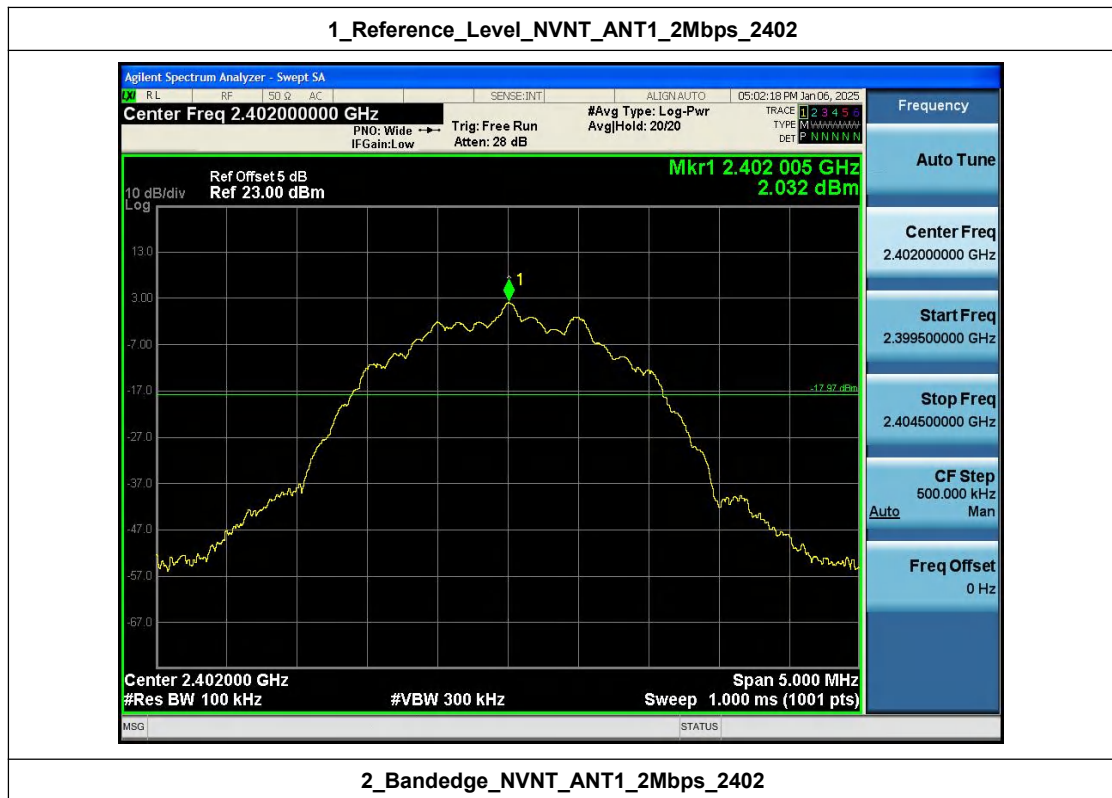
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480

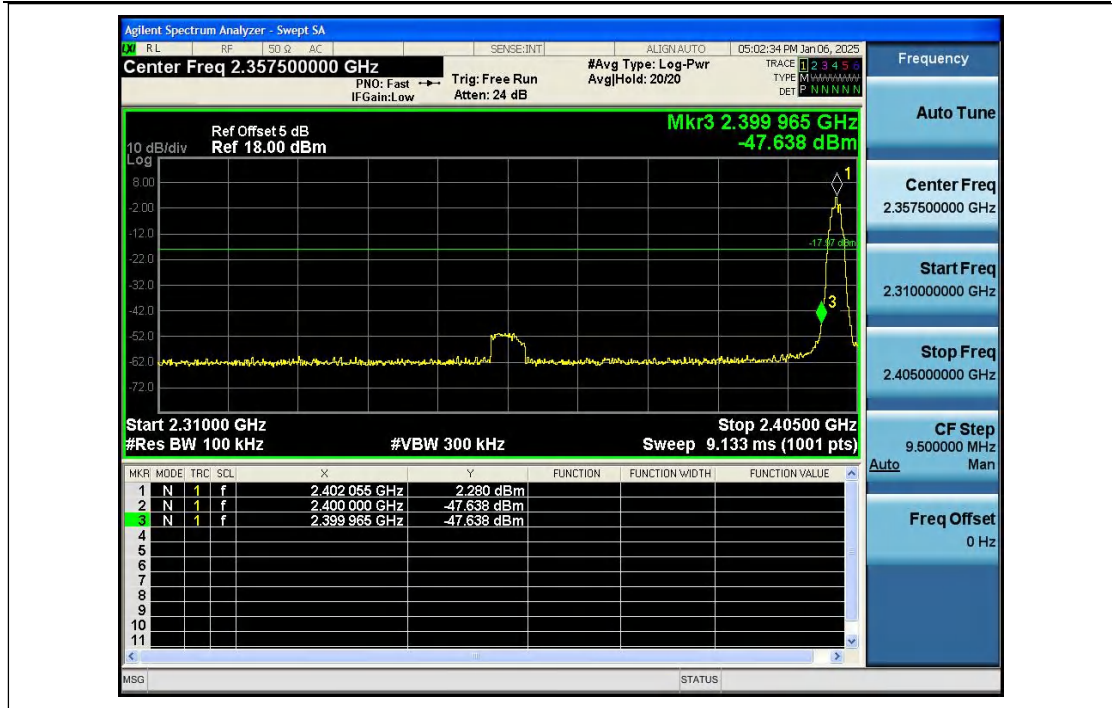


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402

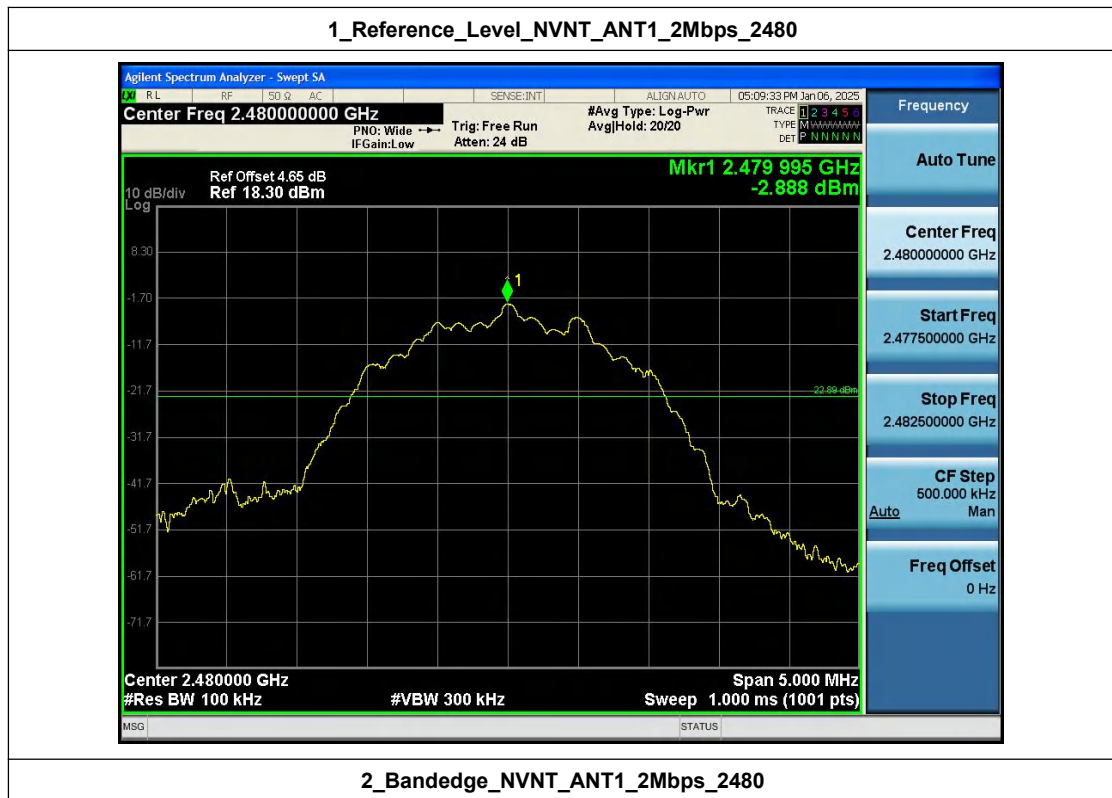


2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2402

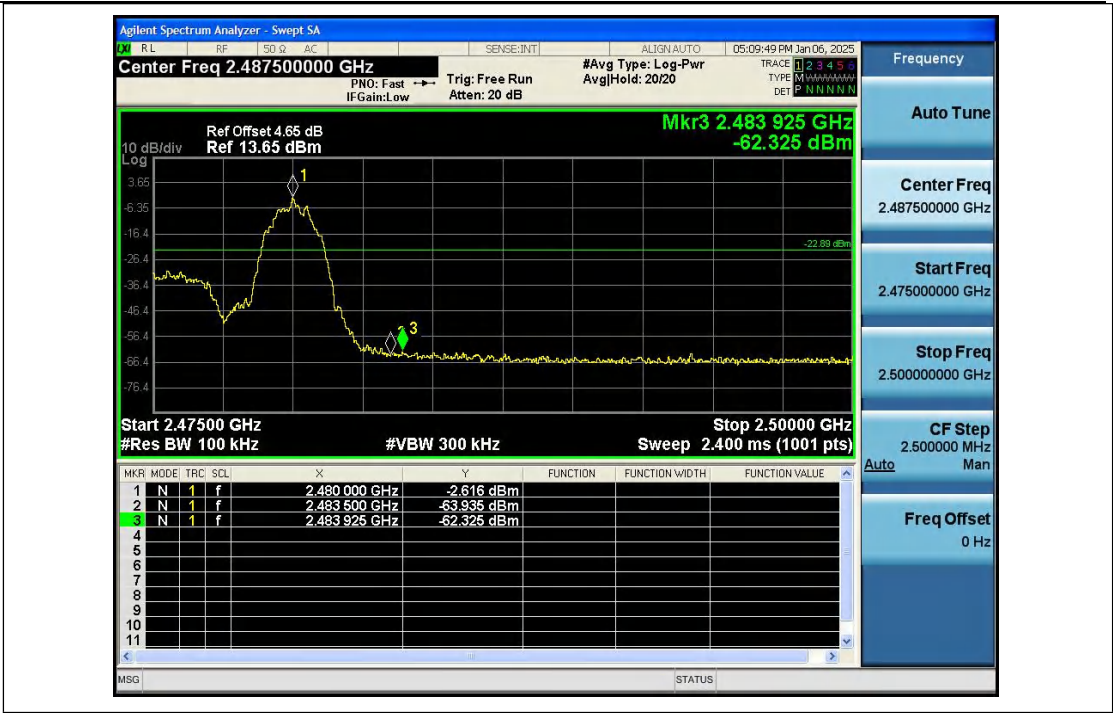




1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2480



Shenzhen Anbotek Compliance Laboratory Limited

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

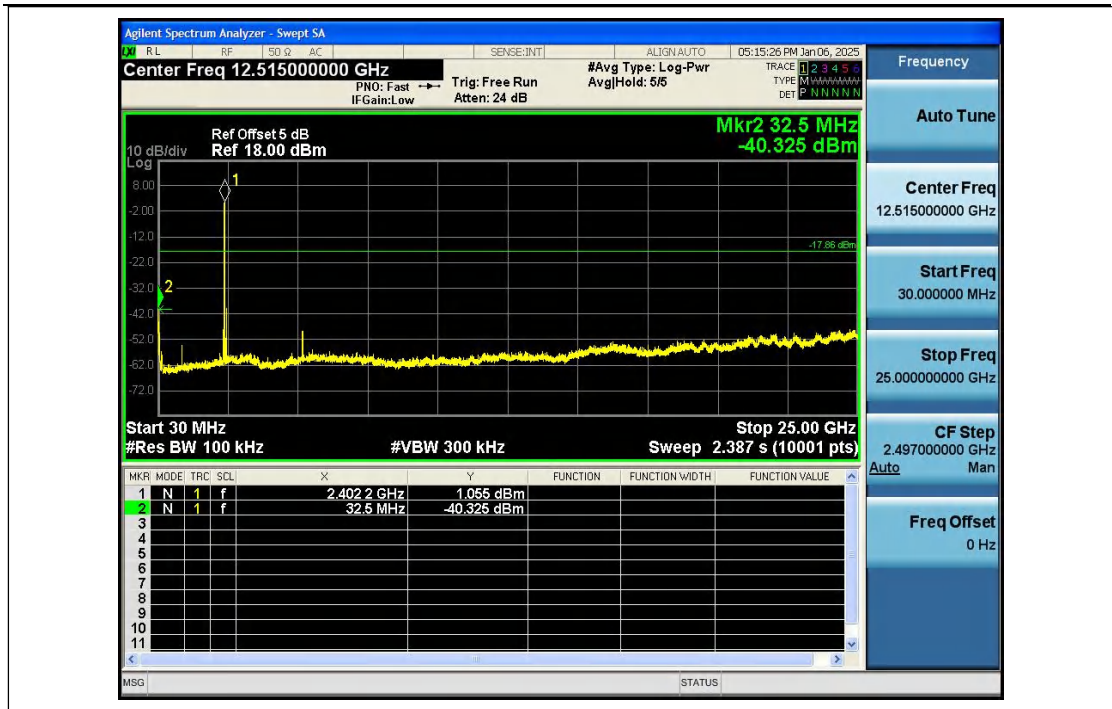
## Appendix G: Spurious Emission

| Condition | Antenna | Modulation | TX_Frequency (MHz) | Ref_level (dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|-----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | 2.143           | -40.325             | -17.857    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2440.00            | -0.210          | -41.089             | -20.210    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | -3.088          | -41.254             | -23.088    | Pass   |
| NVNT      | ANT1    | 2Mbps      | 2402.00            | 2.032           | -39.491             | -17.968    | Pass   |
| NVNT      | ANT1    | 2Mbps      | 2440.00            | 0.006           | -39.610             | -19.994    | Pass   |
| NVNT      | ANT1    | 2Mbps      | 2480.00            | -2.888          | -40.750             | -22.888    | Pass   |

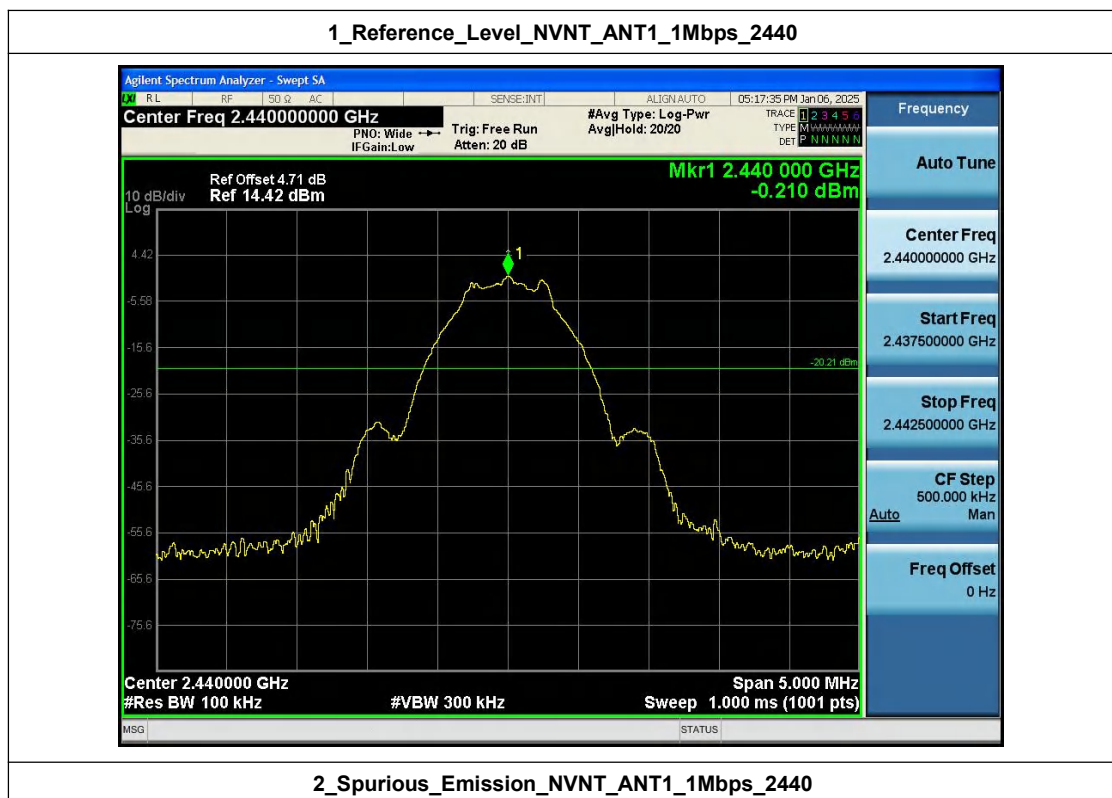
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2402



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



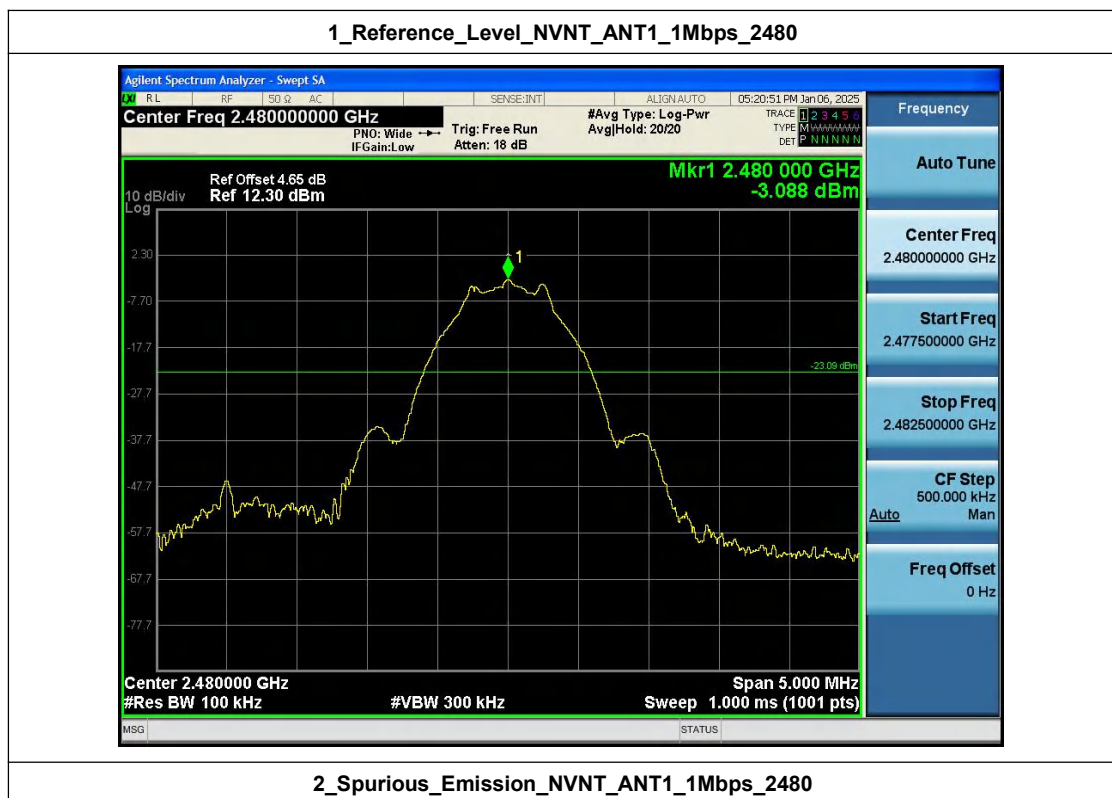
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



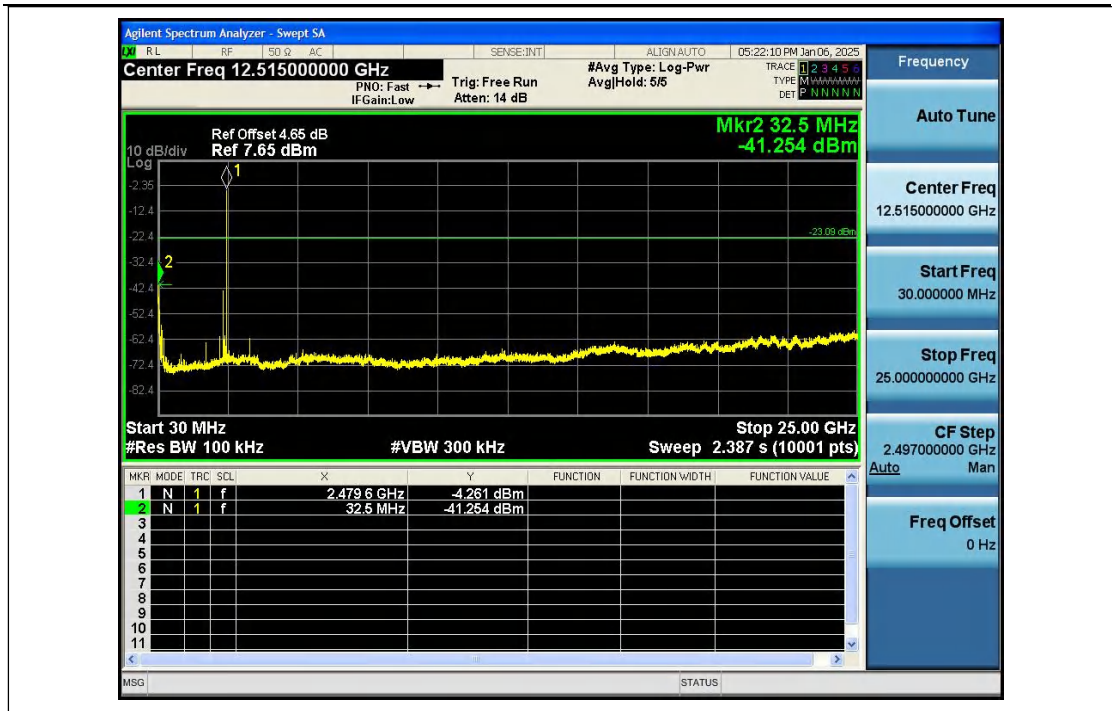
2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440



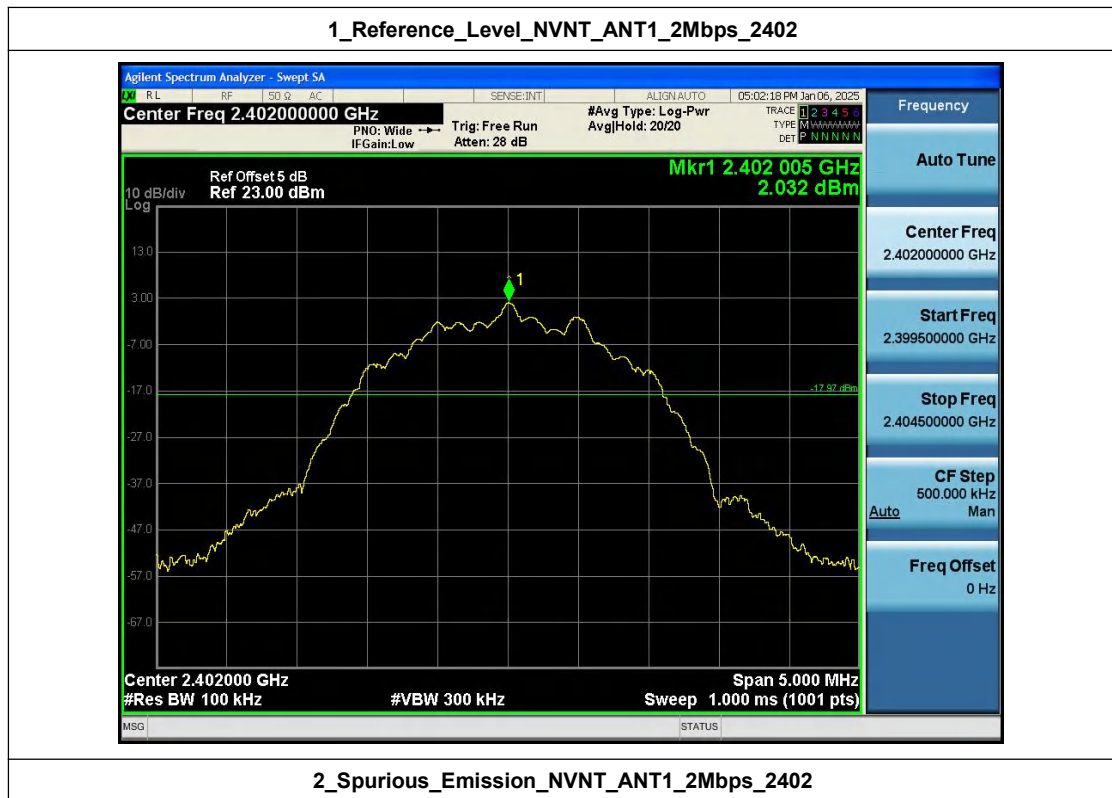
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



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

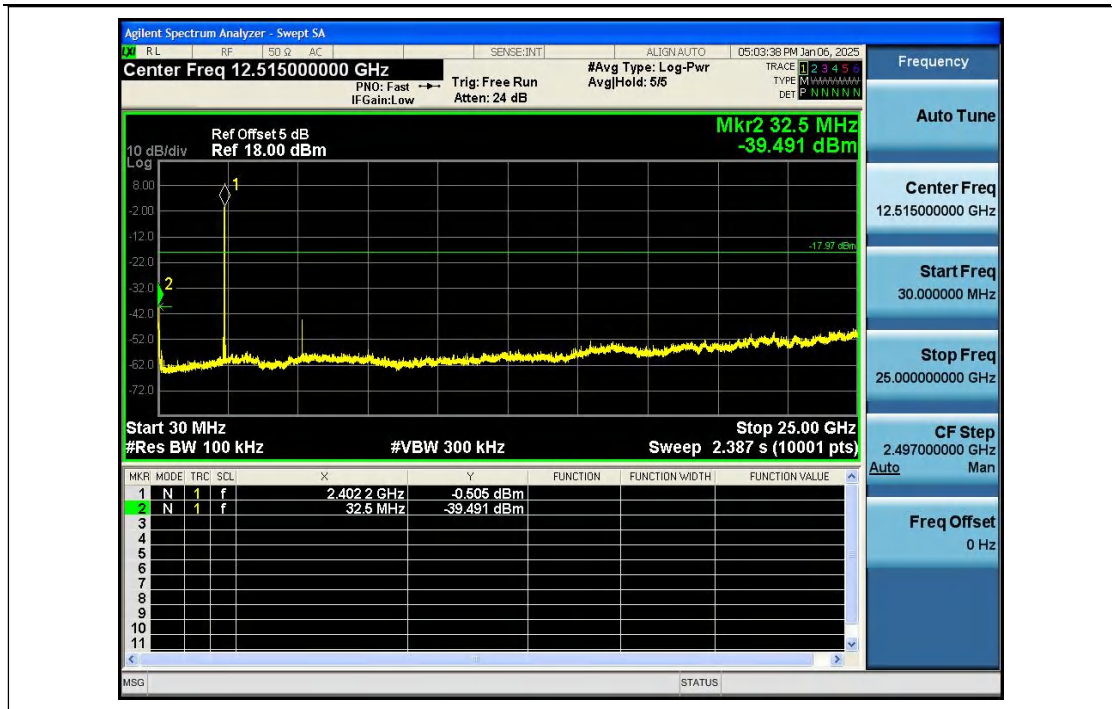


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402

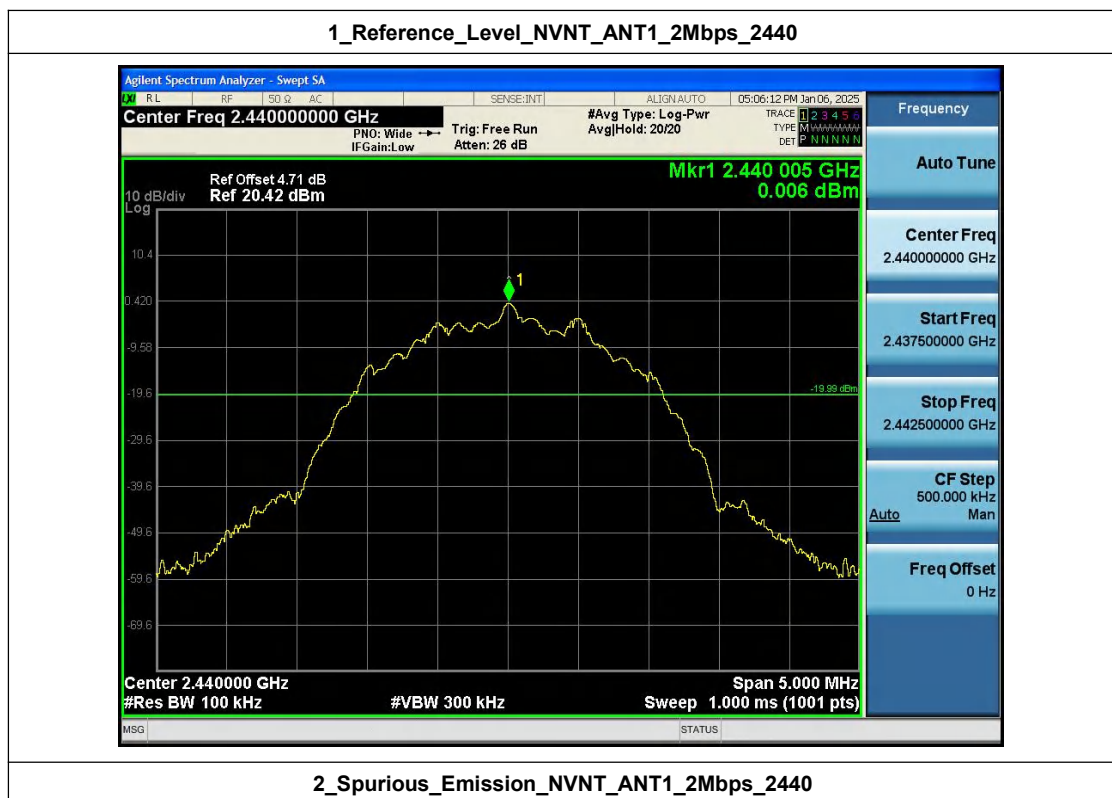


2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2402





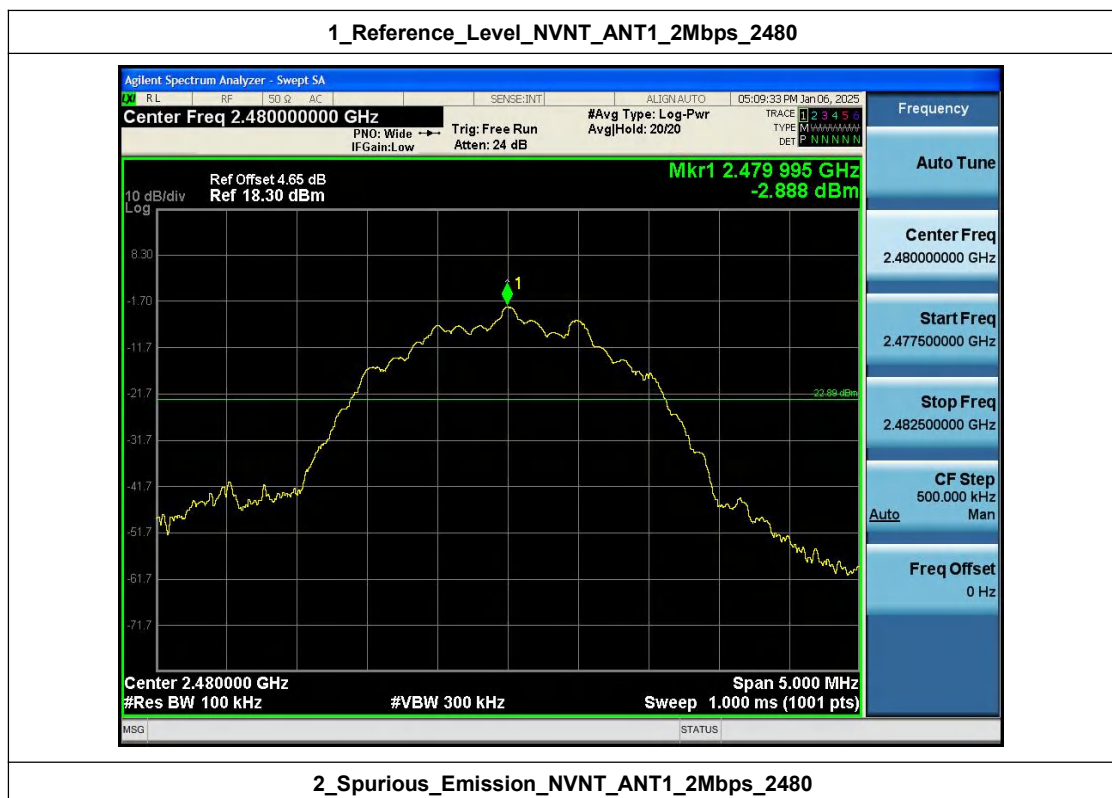
1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2440



2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2440



1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2480





---END---

### Shenzhen Anbotek Compliance Laboratory Limited

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