

## Appendix Test Data

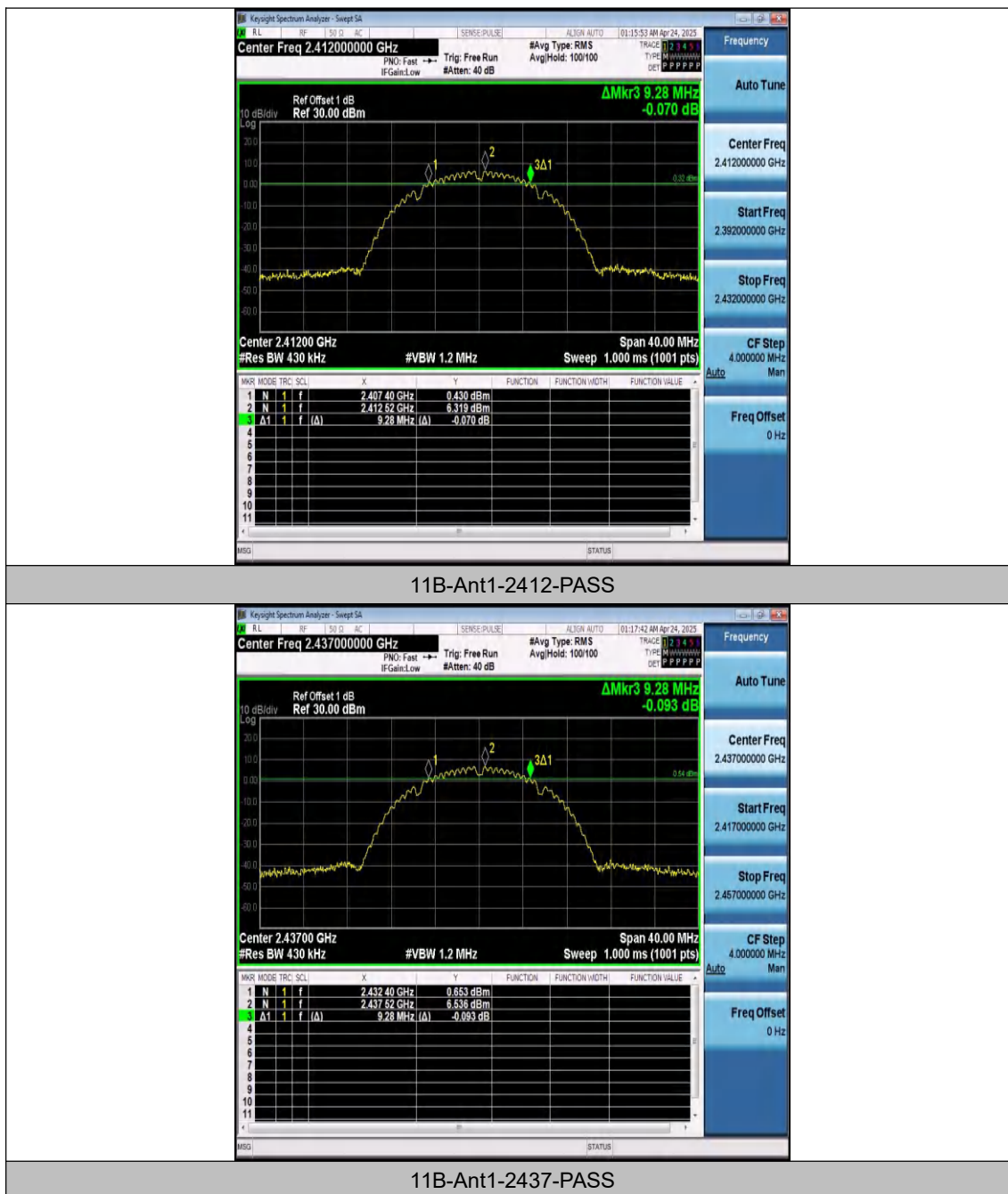
|                  |                  |                    |                    |
|------------------|------------------|--------------------|--------------------|
| Report No.:      | 1812C50153912502 | Test Sample No.:   | 1-2-2              |
| Start Test Date: | 2025-04-24       | Finish Test Date:  | 2025-04-24         |
| Test Engineer:   | <i>Alex Peng</i> | Auditor:           | <i>Justin Feng</i> |
| Temperature:     | 21°C             | Relative Humidity: | 40%                |
| Pressure:        | 101kPa           |                    |                    |

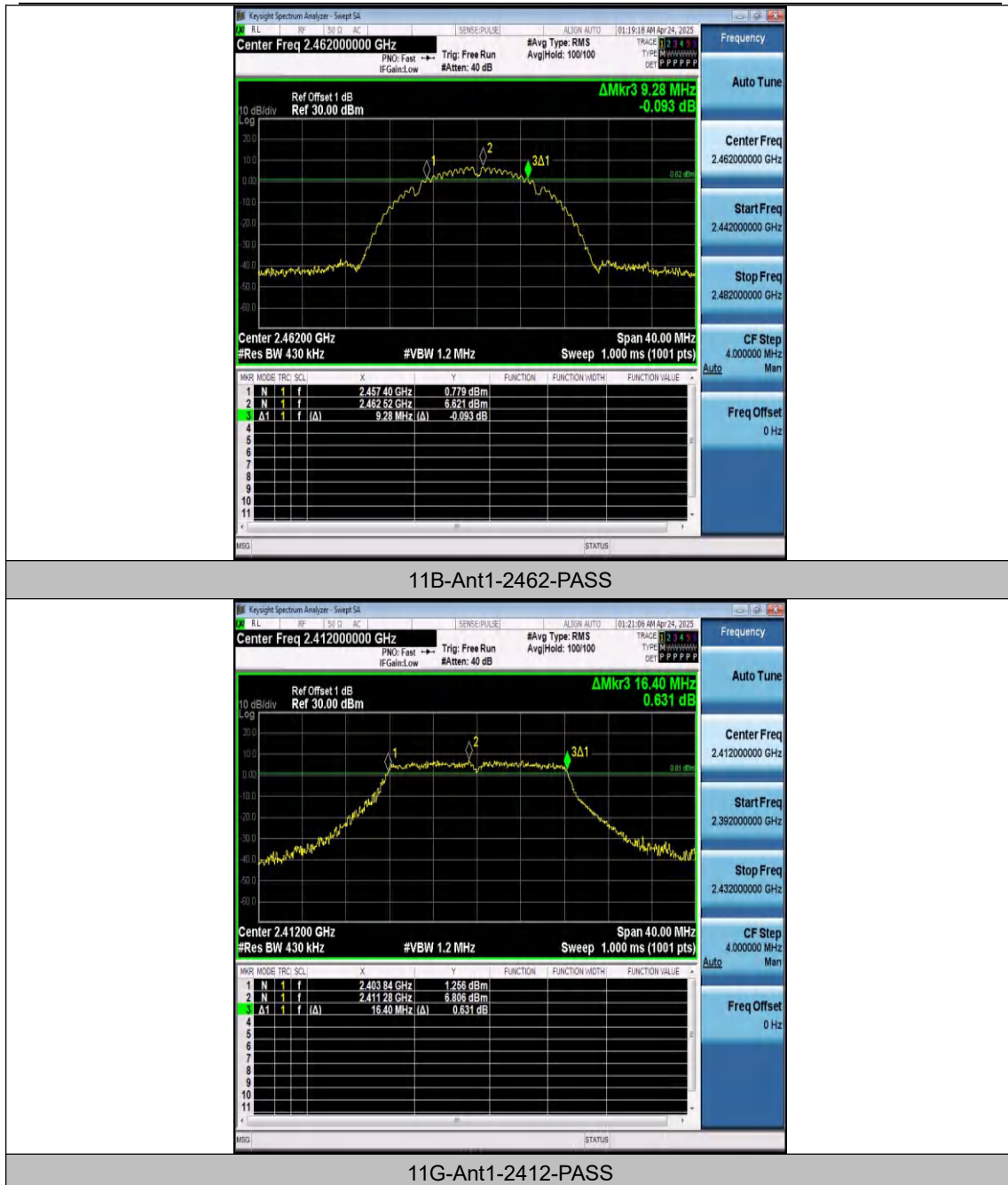
## Appendix A: 6dB Bandwidth

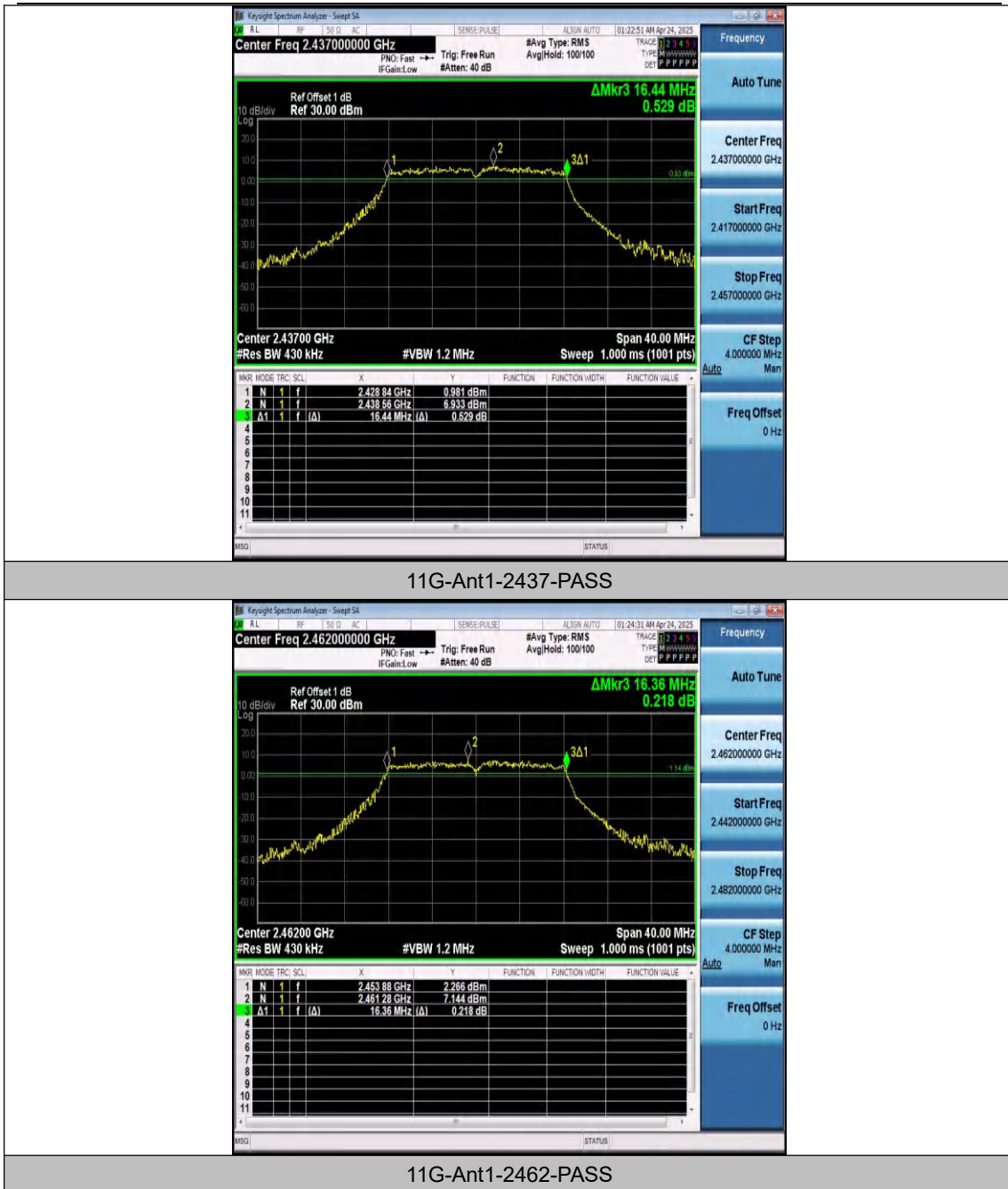
### Test Result

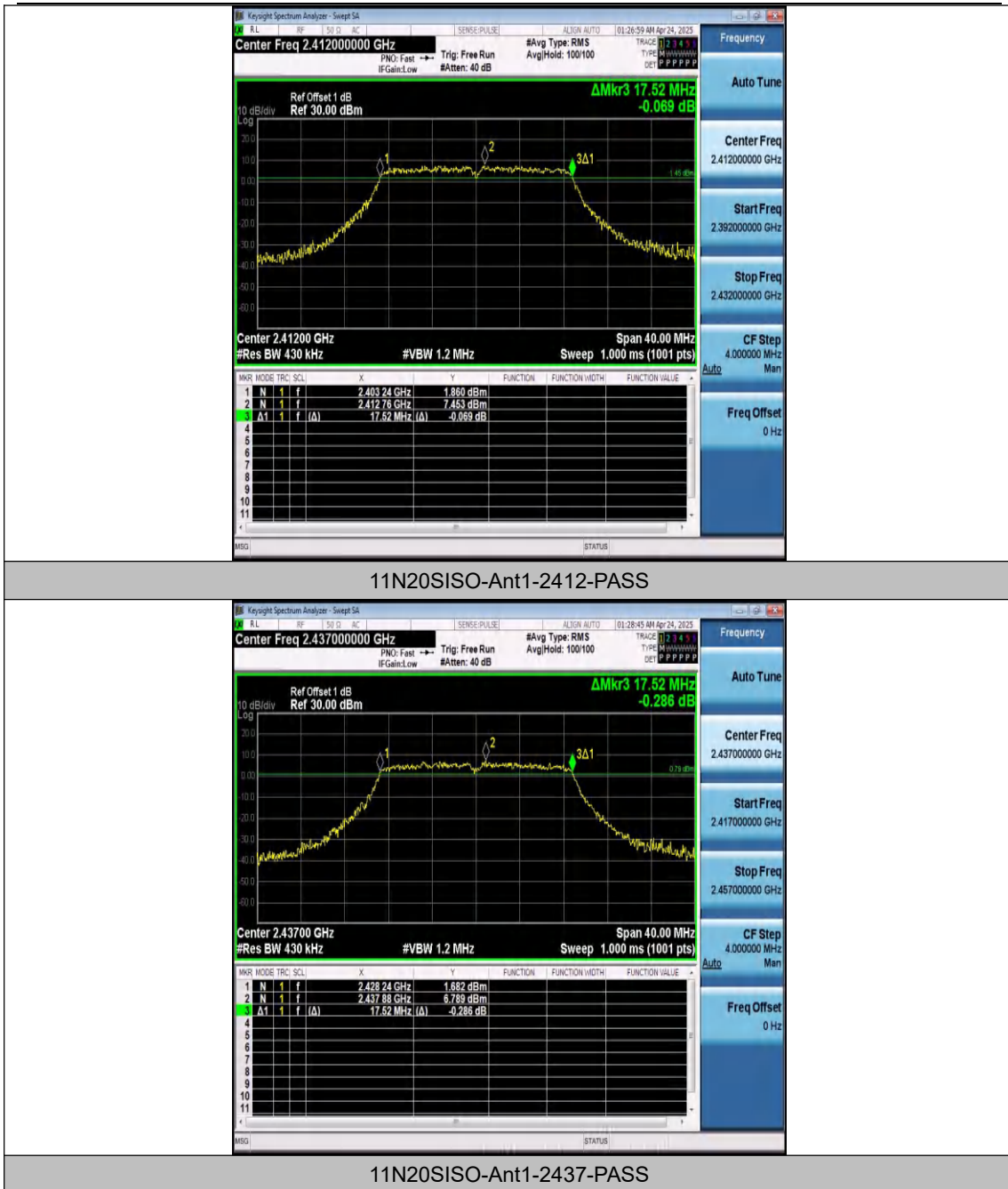
| Test Mode | Antenna | Frequency[MHz] | 6dB BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 9.280        | 2407.400 | 2416.680 | 0.5        | PASS    |
| 11B       | Ant1    | 2437           | 9.280        | 2432.400 | 2441.680 | 0.5        | PASS    |
| 11B       | Ant1    | 2462           | 9.280        | 2457.400 | 2466.680 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 16.400       | 2403.840 | 2420.240 | 0.5        | PASS    |
| 11G       | Ant1    | 2437           | 16.440       | 2428.840 | 2445.280 | 0.5        | PASS    |
| 11G       | Ant1    | 2462           | 16.360       | 2453.880 | 2470.240 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 17.520       | 2403.240 | 2420.760 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2437           | 17.520       | 2428.240 | 2445.760 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2462           | 17.560       | 2453.240 | 2470.800 | 0.5        | PASS    |

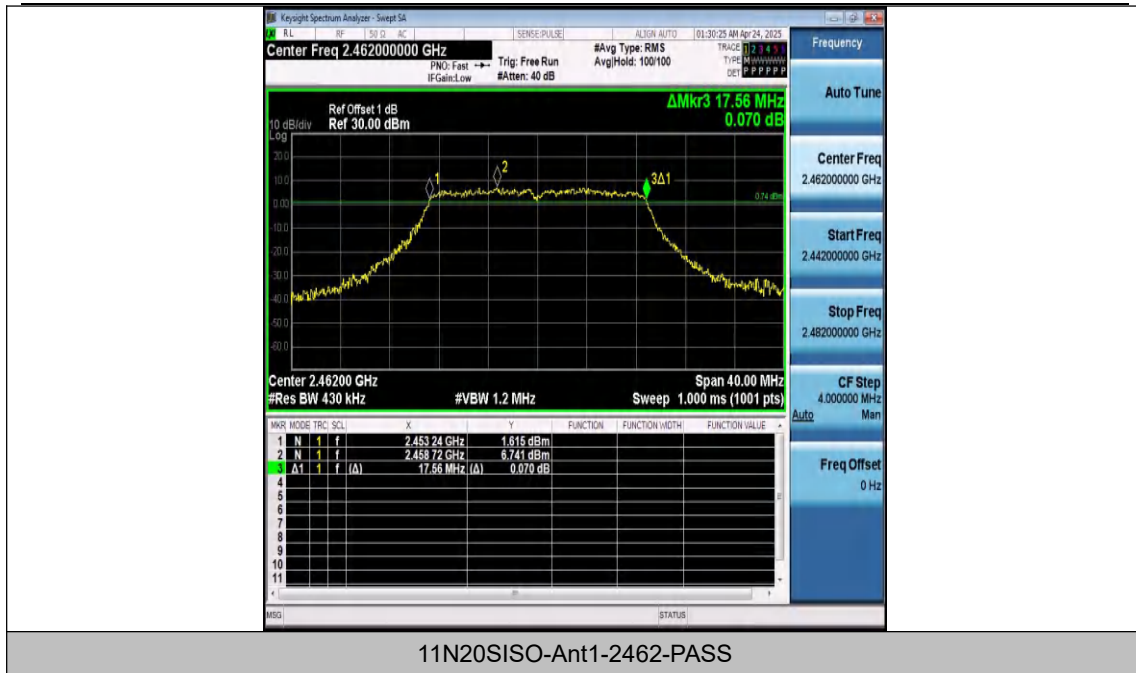
## Test Graphs











11N20SISO-Ant1-2462-PASS

## Shenzhen Anbotech 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@anbotech.com



Hotline  
400-003-0500  
www.anbotech.com

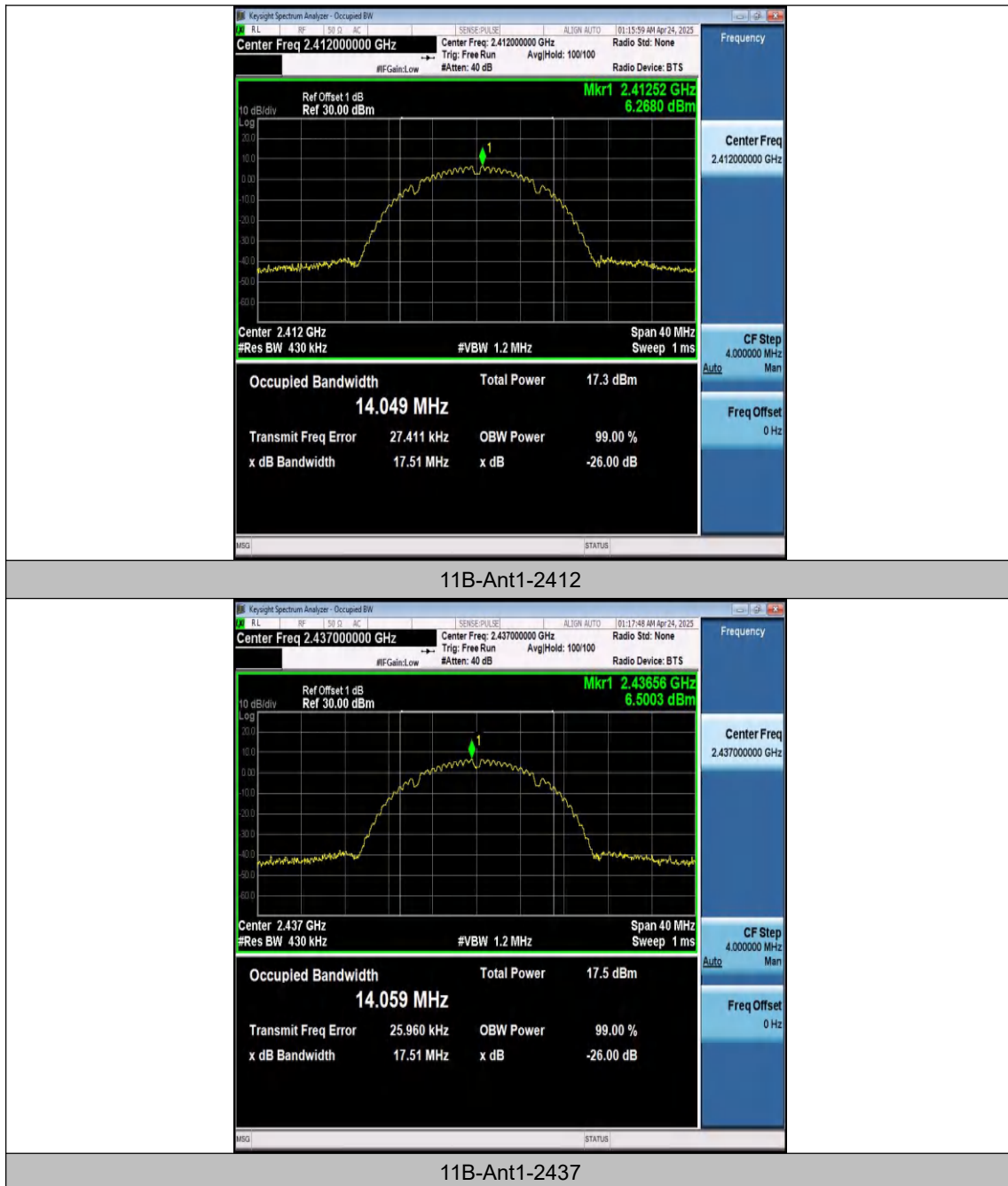
## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                   | 14.049    | 2405.0029 | 2419.0519 | ---        | ---     |
| 11B       | Ant1    | 2437                   | 14.059    | 2429.9965 | 2444.0555 | ---        | ---     |
| 11B       | Ant1    | 2462                   | 14.058    | 2454.9961 | 2469.0541 | ---        | ---     |
| 11G       | Ant1    | 2412                   | 17.000    | 2403.4863 | 2420.4863 | ---        | ---     |
| 11G       | Ant1    | 2437                   | 17.051    | 2428.4326 | 2445.4836 | ---        | ---     |
| 11G       | Ant1    | 2462                   | 17.044    | 2453.4512 | 2470.4952 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                   | 18.151    | 2402.9445 | 2421.0955 | ---        | ---     |
| 11N20SISO | Ant1    | 2437                   | 18.117    | 2427.9920 | 2446.1090 | ---        | ---     |
| 11N20SISO | Ant1    | 2462                   | 18.110    | 2452.9691 | 2471.0791 | ---        | ---     |



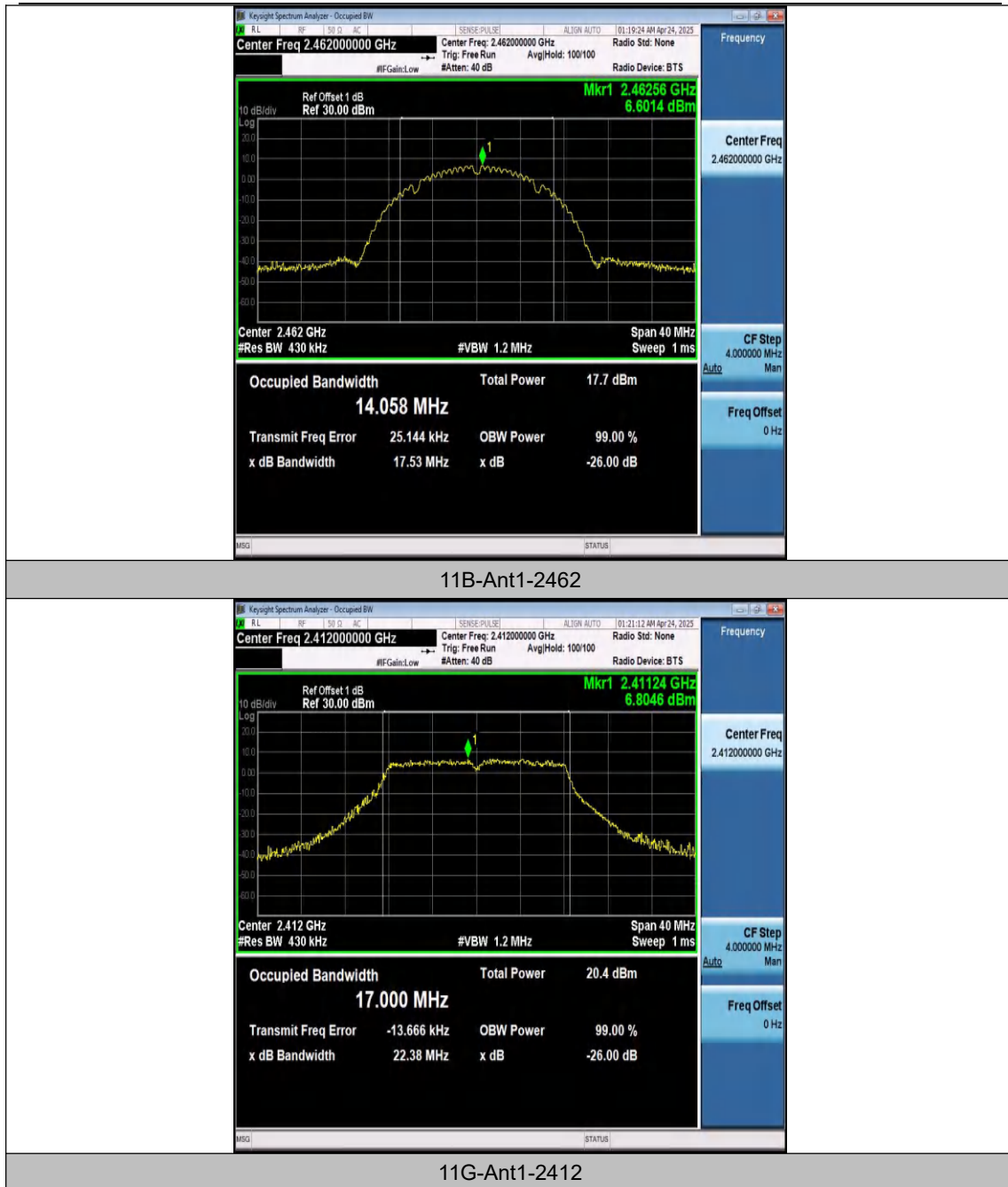
## Test Graphs

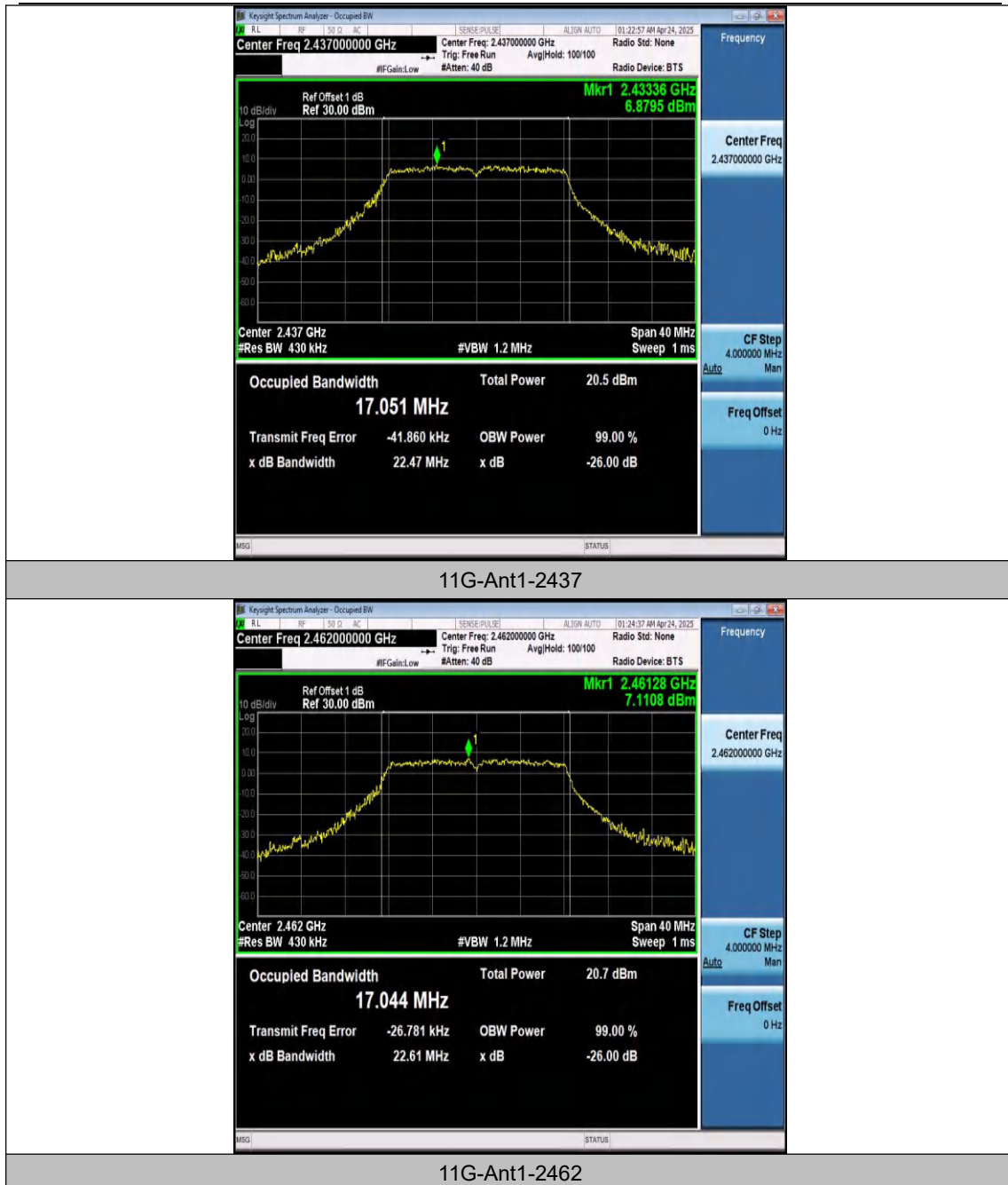


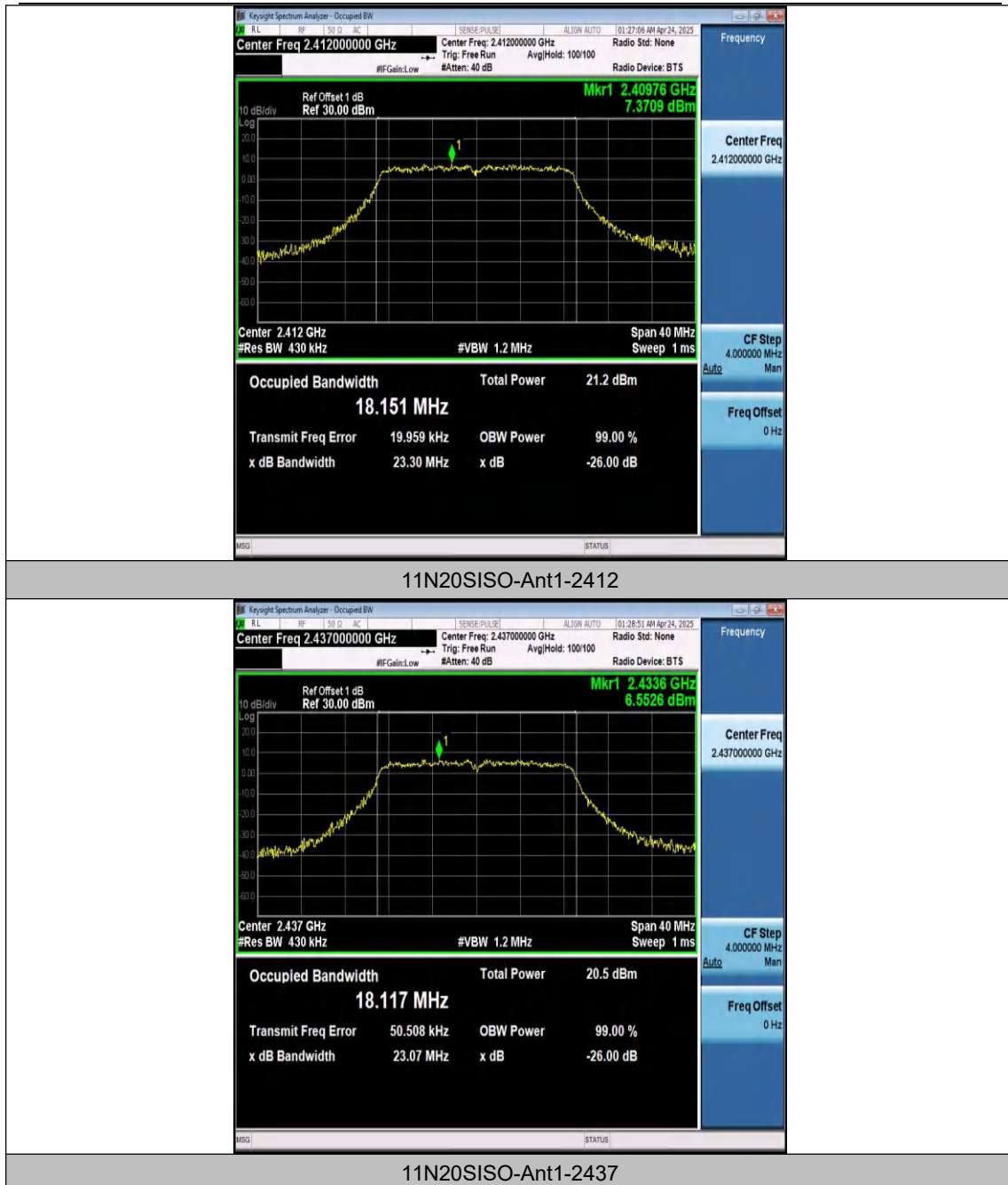
## Shenzhen Anbotech Compliance Laboratory Limited

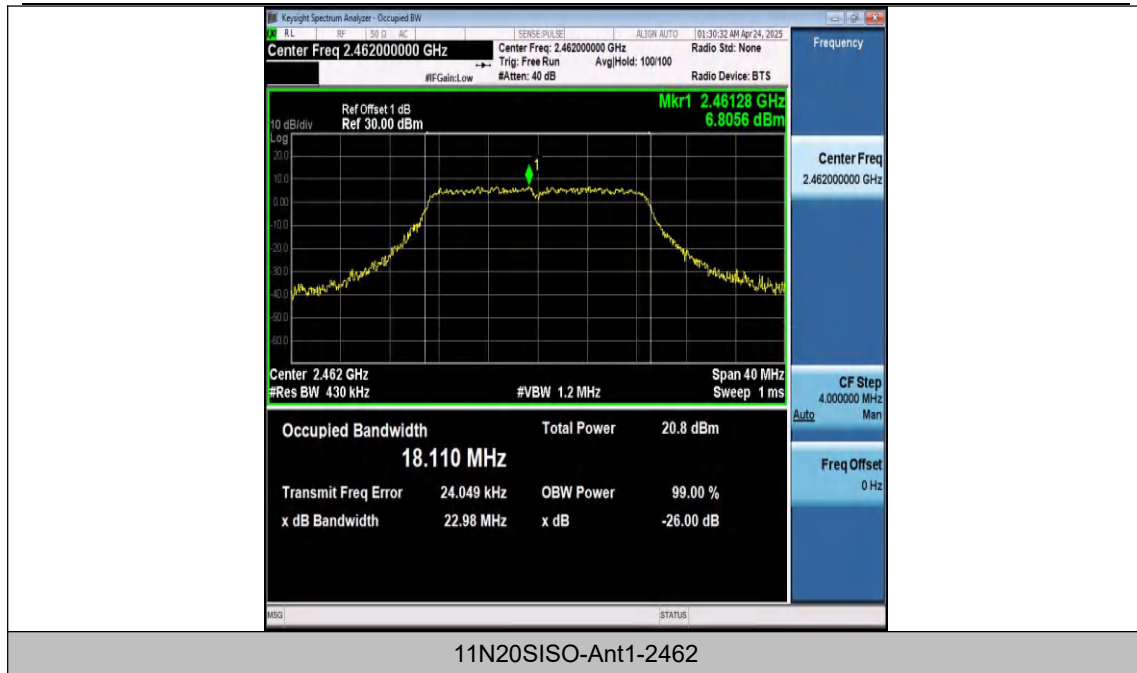
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotech.com

Hotline  
400-003-0500  
www.anbotech.com









## 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

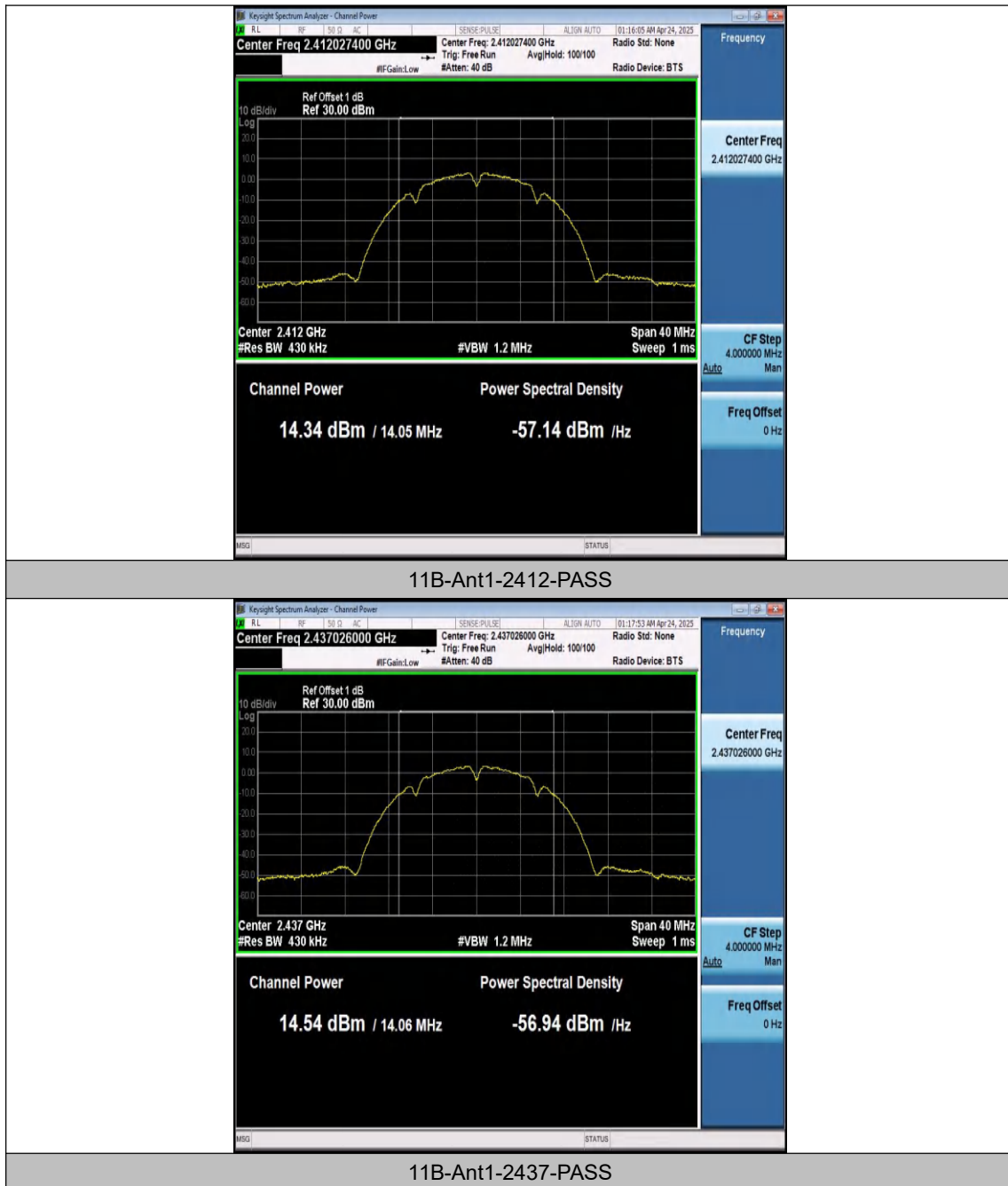
## Appendix C: Maximum conducted output power

### Test Result Average

| Test Mode     | Antenna | Frequency [MHz] | Average power [dBm] | Duty Cycle [%] | DC Factor [dB] | Result [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-----------------|---------------------|----------------|----------------|--------------|-------------|---------|
| 11B           | Ant1    | 2412            | 14.34               | 100.00         | 0.00           | 14.34        | ≤30.0<br>0  | PASS    |
| 11B           | Ant1    | 2437            | 14.54               | 100.00         | 0.00           | 14.54        | ≤30.0<br>0  | PASS    |
| 11B           | Ant1    | 2462            | 14.74               | 100.00         | 0.00           | 14.74        | ≤30.0<br>0  | PASS    |
| 11G           | Ant1    | 2412            | 14.41               | 100.00         | 0.00           | 14.41        | ≤30.0<br>0  | PASS    |
| 11G           | Ant1    | 2437            | 14.56               | 100.00         | 0.00           | 14.56        | ≤30.0<br>0  | PASS    |
| 11G           | Ant1    | 2462            | 14.74               | 100.00         | 0.00           | 14.74        | ≤30.0<br>0  | PASS    |
| 11N20SI<br>SO | Ant1    | 2412            | 15.25               | 100.00         | 0.00           | <b>15.25</b> | ≤30.0<br>0  | PASS    |
| 11N20SI<br>SO | Ant1    | 2437            | 14.46               | 100.00         | 0.00           | 14.46        | ≤30.0<br>0  | PASS    |
| 11N20SI<br>SO | Ant1    | 2462            | 14.66               | 100.00         | 0.00           | 14.66        | ≤30.0<br>0  | PASS    |

Note: The Duty Cycle Factor( $10 \cdot \log(1/D)$ ) and cable loss are compensated in the graph.

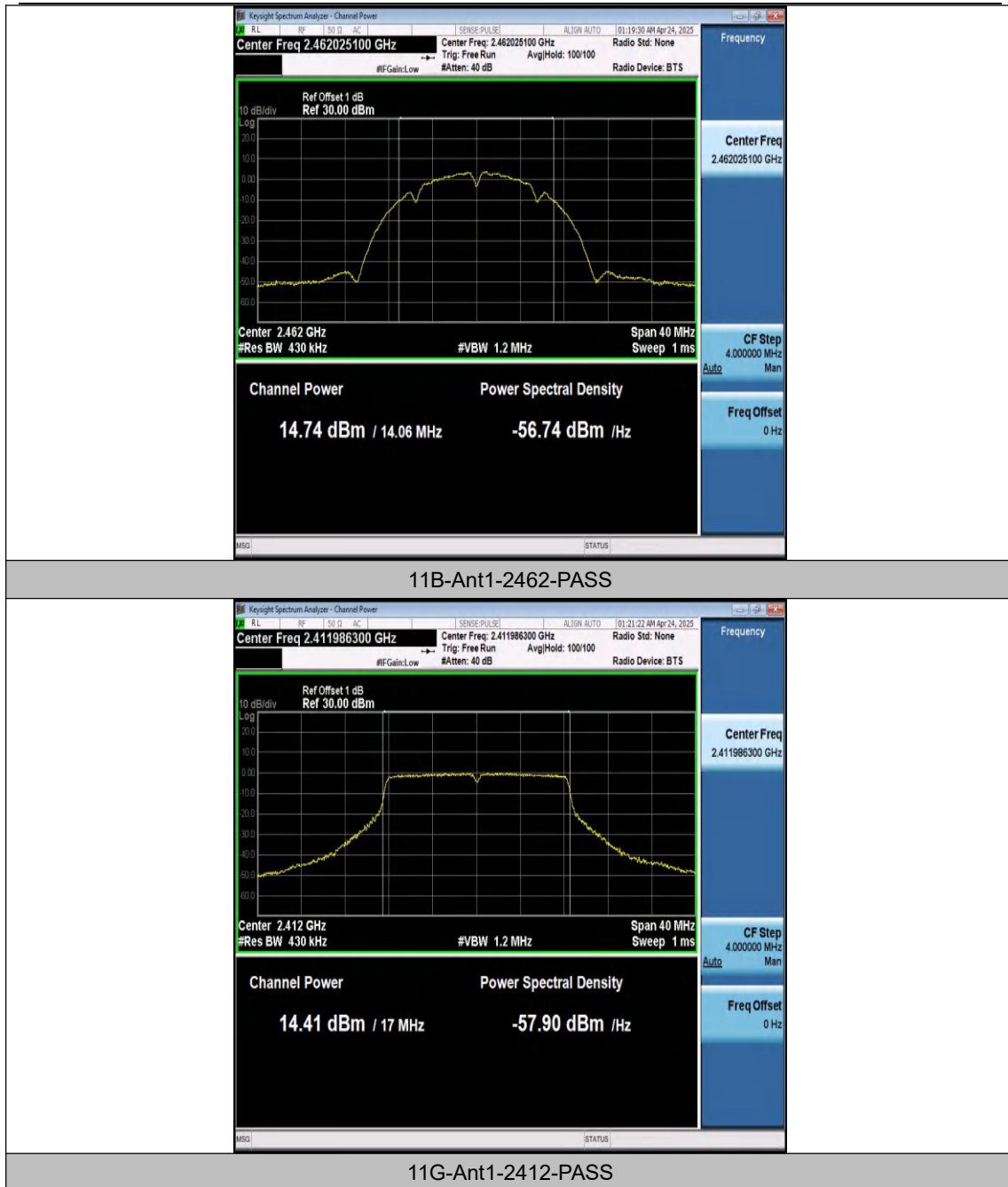
## Test Graphs Average



## Shenzhen Anbotech 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@anbotech.com

Hotline  
400-003-0500  
www.anbotech.com

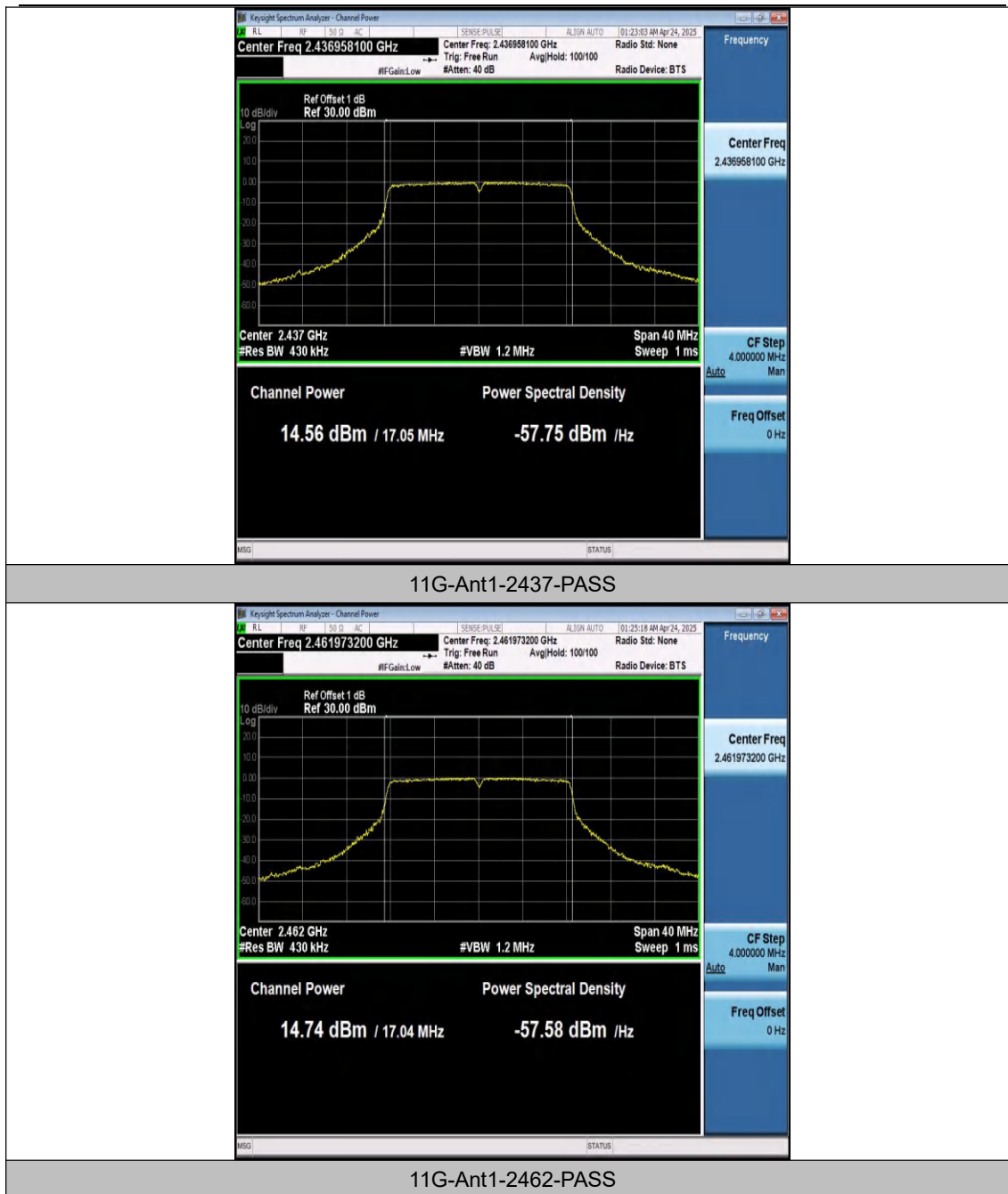


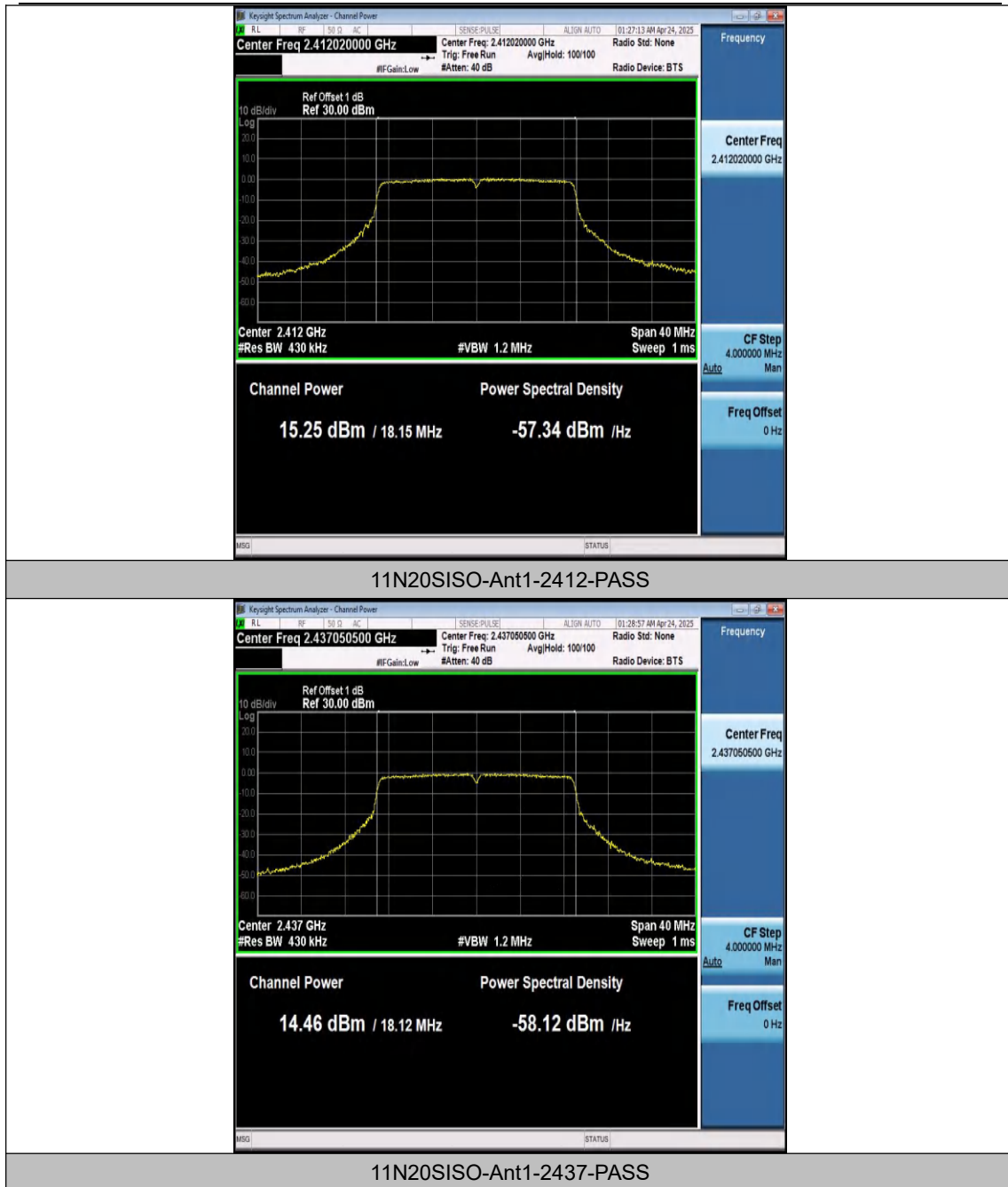
## Shenzhen Anbotech Compliance Laboratory Limited

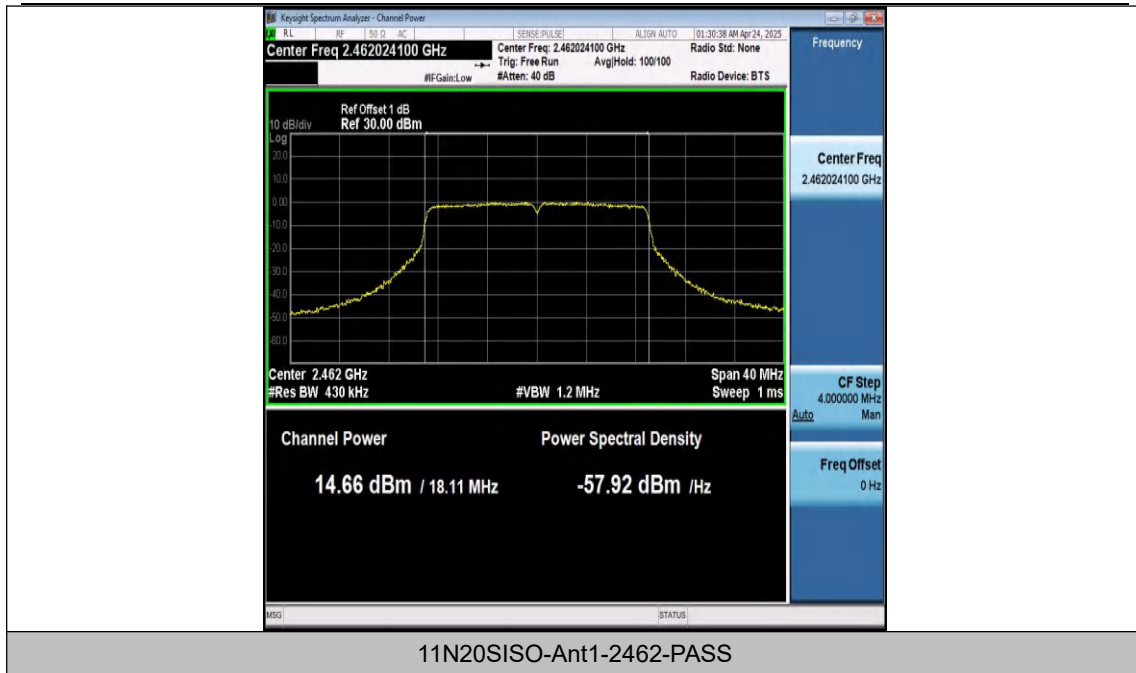
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotech.com



Hotline  
400-003-0500  
www.anbotech.com







### 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: Maximum power spectral density

### Test Result

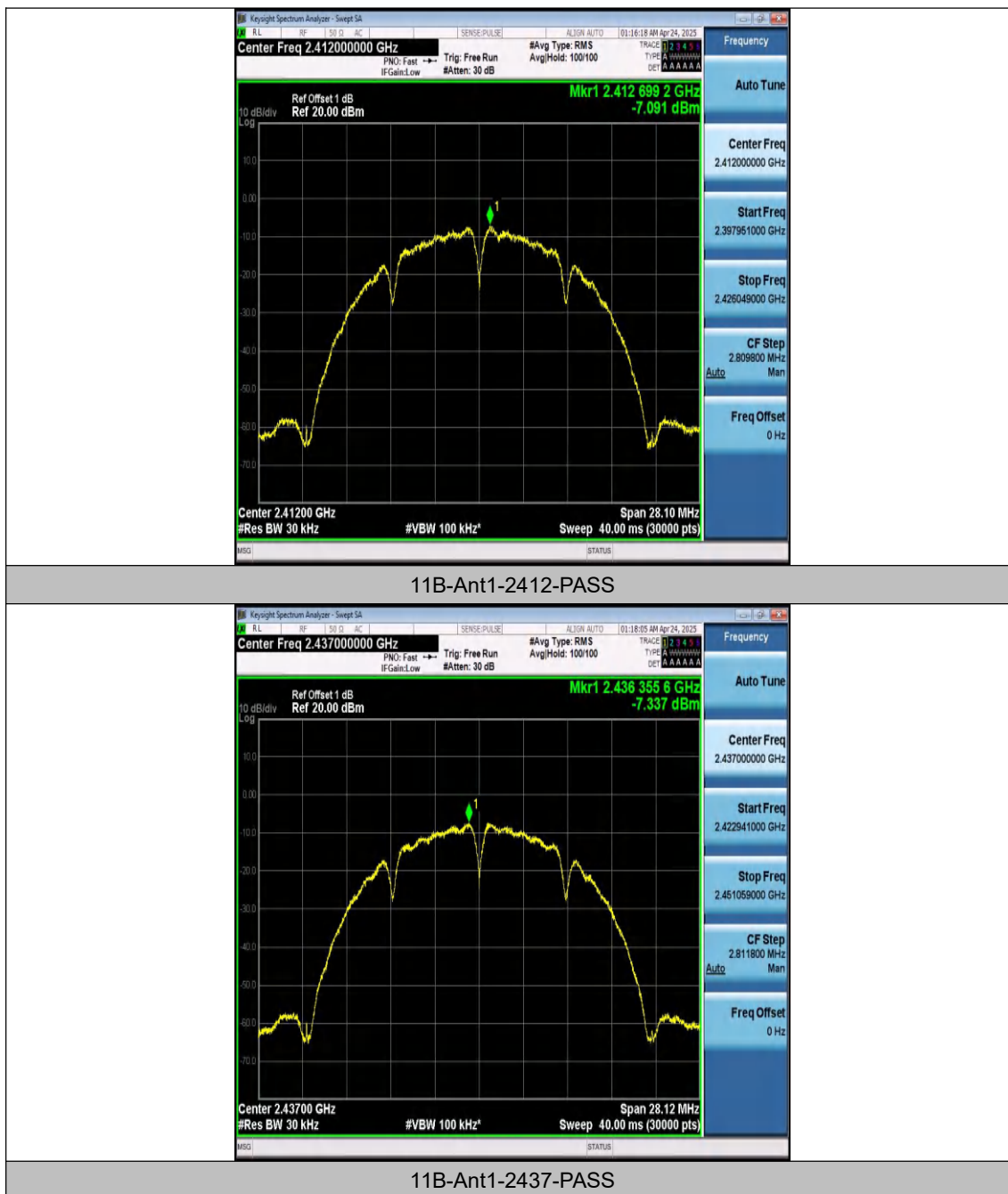
| Test Mode     | Antenna | Frequency [MHz] | Result[dBm/30kHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|---------------|---------|-----------------|-------------------|------------------|-----------------|---------|
| 11B           | Ant1    | 2412            | -7.09             | -17.09           | ≤8.00           | PASS    |
| 11B           | Ant1    | 2437            | -7.34             | -17.34           | ≤8.00           | PASS    |
| 11B           | Ant1    | 2462            | -7.06             | -17.06           | ≤8.00           | PASS    |
| 11G           | Ant1    | 2412            | -9.89             | -19.89           | ≤8.00           | PASS    |
| 11G           | Ant1    | 2437            | -9.34             | -19.34           | ≤8.00           | PASS    |
| 11G           | Ant1    | 2462            | -9.72             | -19.72           | ≤8.00           | PASS    |
| 11N20SIS<br>O | Ant1    | 2412            | -9.03             | -19.03           | ≤8.00           | PASS    |
| 11N20SIS<br>O | Ant1    | 2437            | -10.06            | -20.06           | ≤8.00           | PASS    |
| 11N20SIS<br>O | Ant1    | 2462            | -9.70             | -19.7            | ≤8.00           | PASS    |

**Note:**

1. The Duty Cycle Factor( $10 \cdot \log(1/D)$ ) and cable loss are compensated in the graph.
2.  $PSD(dBm/3kHz) = PSD(dBm/30kHz) - (10 \cdot \log(30/3))$



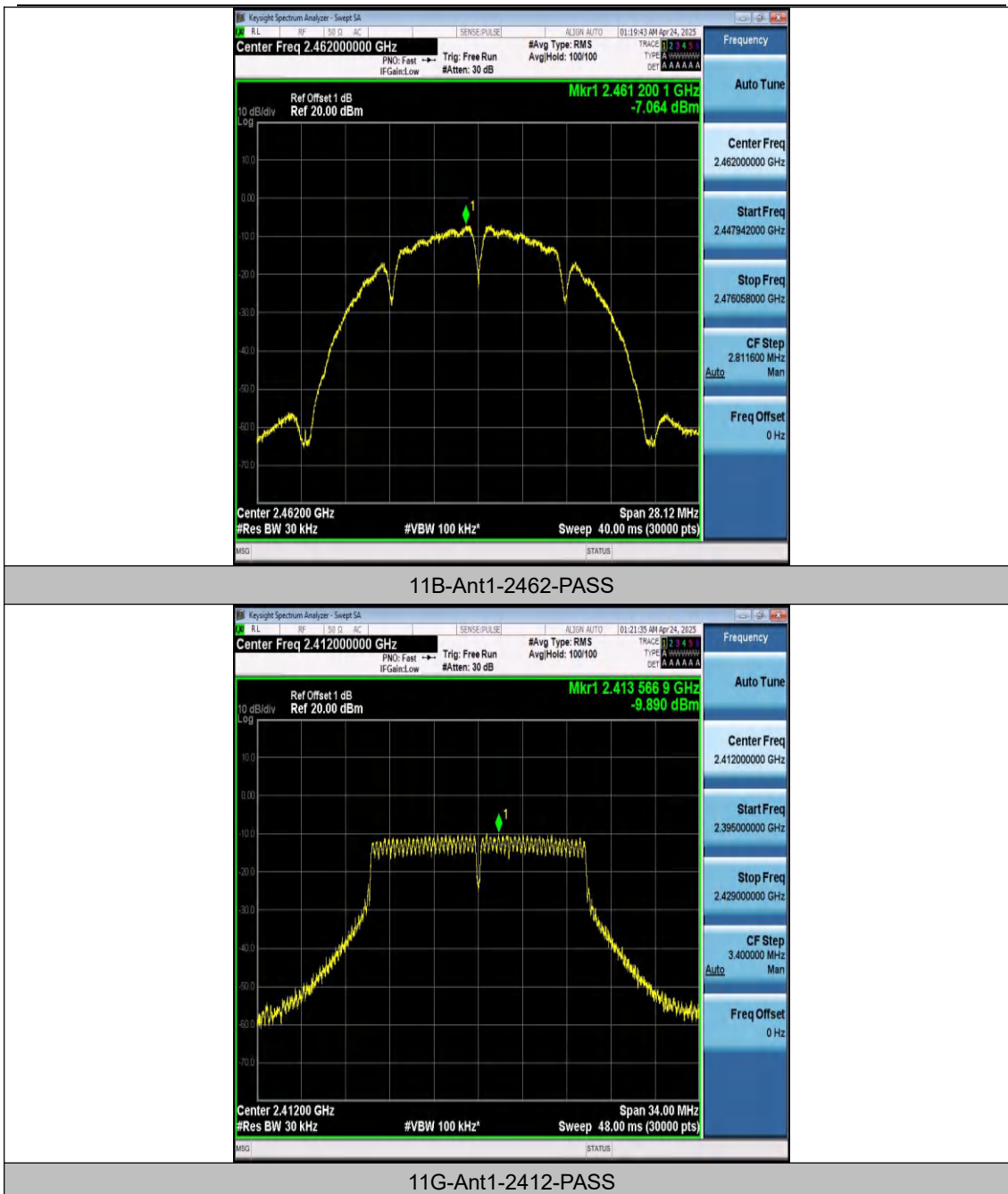
## Test Graphs



## Shenzhen Anbotech 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@anbotech.com

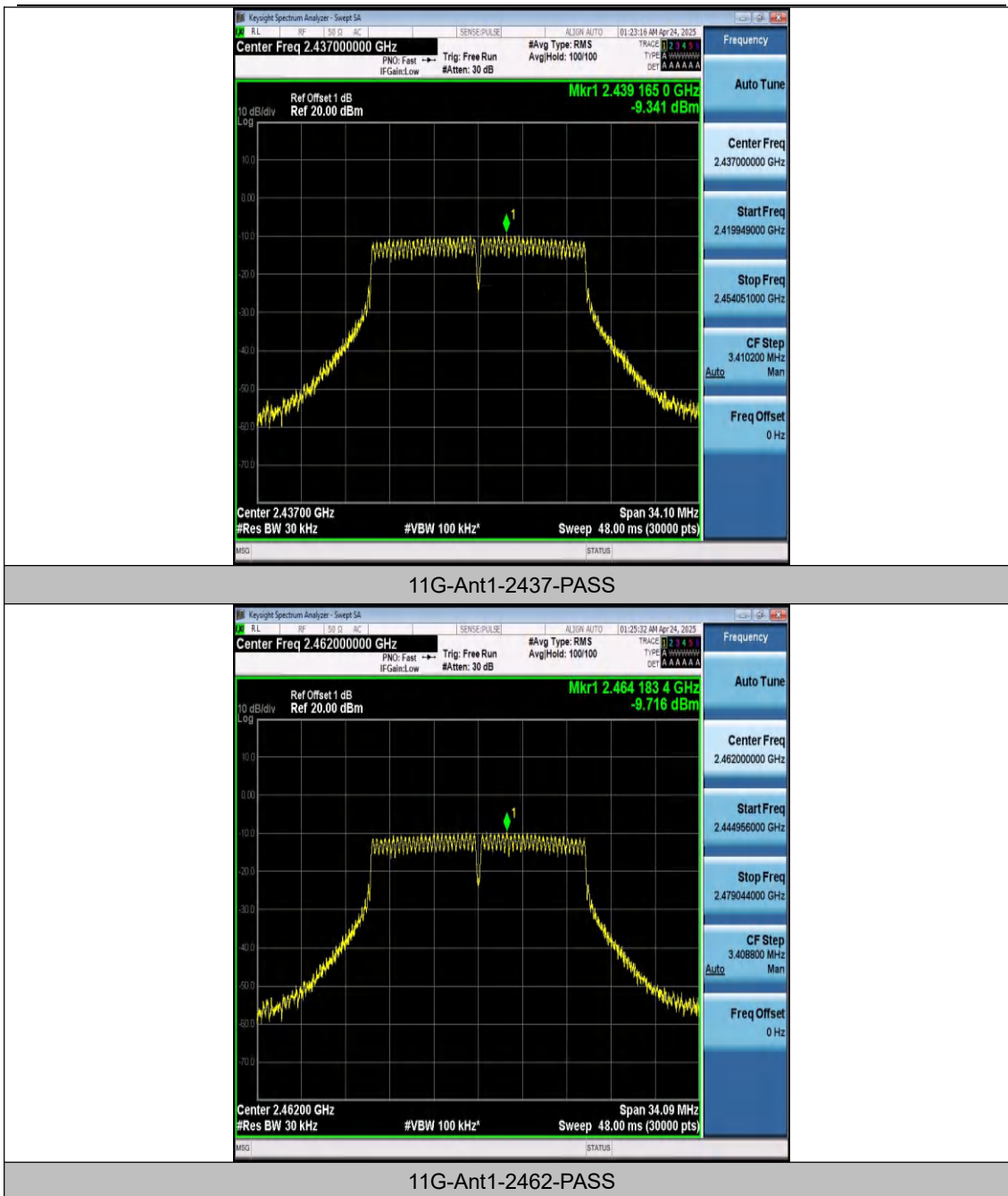
Hotline  
400-003-0500  
www.anbotech.com



### Shenzhen Anbotech 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@anbotech.com

Hotline  
400-003-0500  
www.anbotech.com

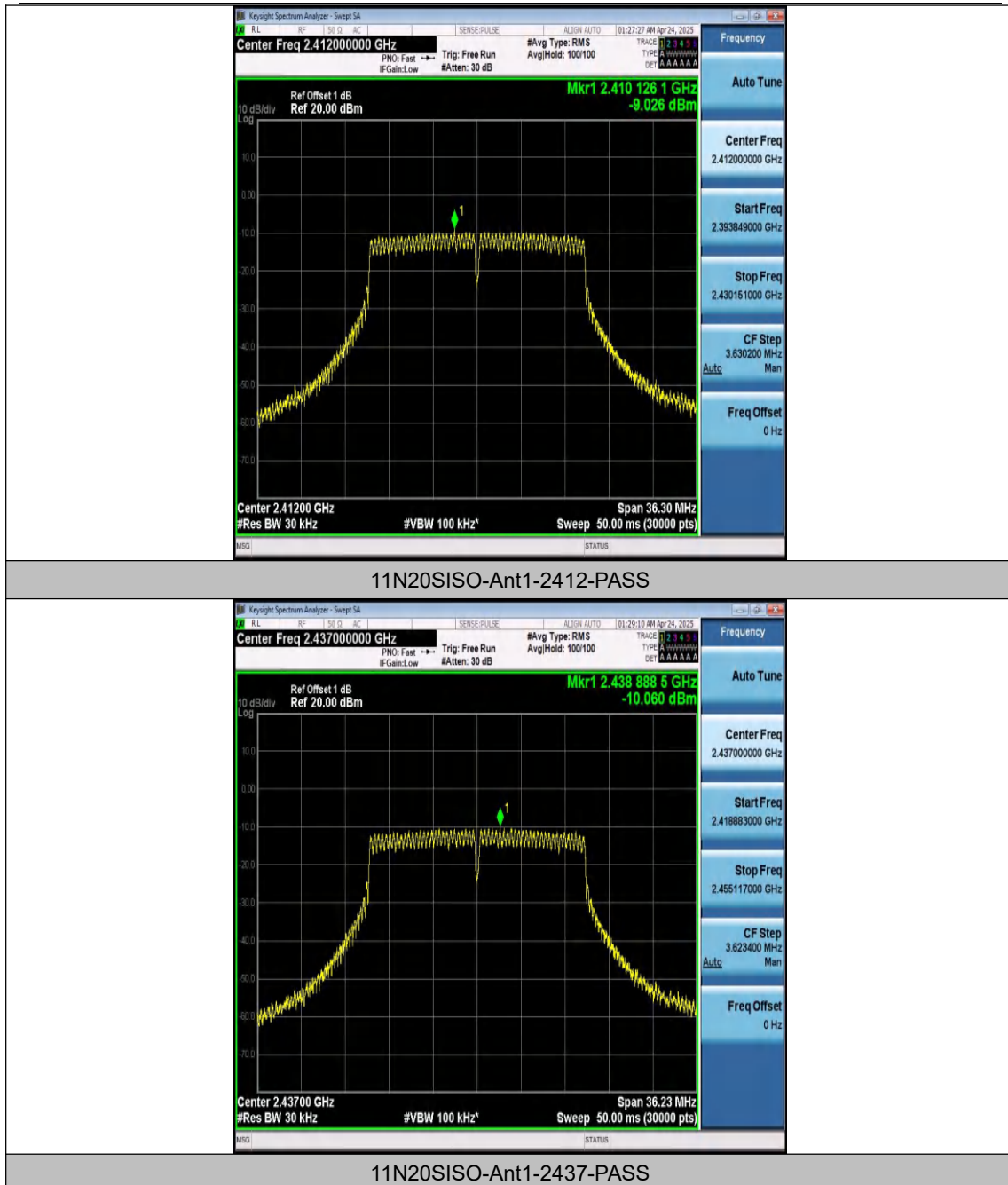


**Shenzhen Anbotech Compliance Laboratory Limited**

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@anbotech.com



Hotline  
400-003-0500  
www.anbotech.com

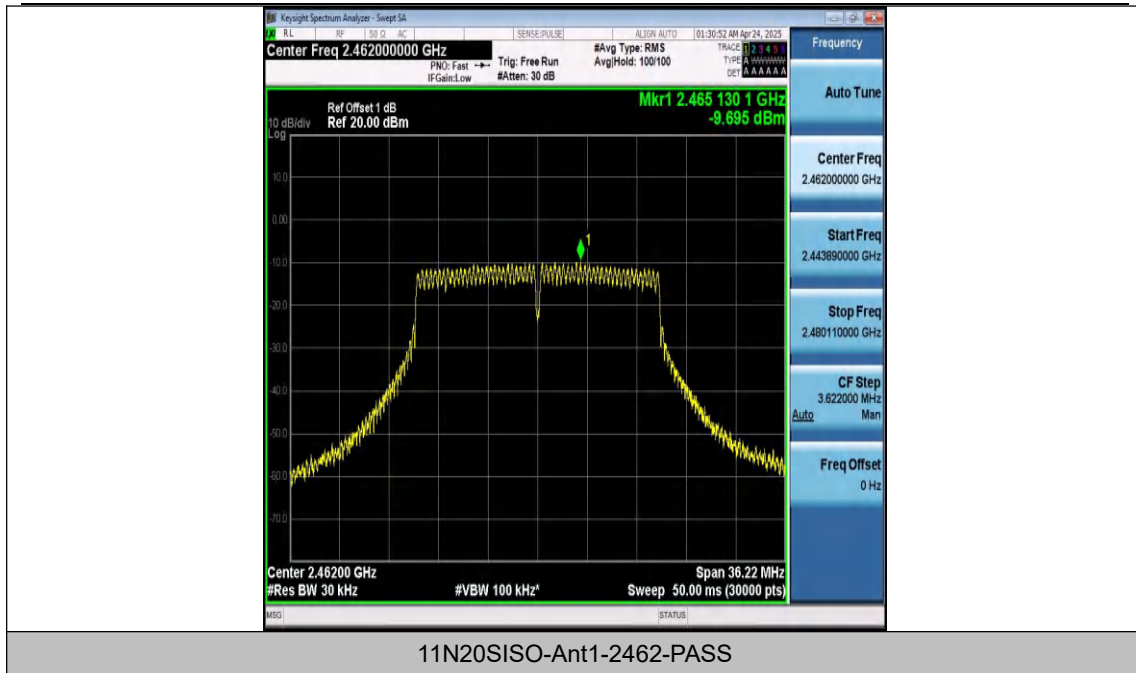


## Shenzhen Anbotech Compliance Laboratory Limited

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@anbotech.com



Hotline  
400-003-0500  
www.anbotech.com



## 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: Conducted Band edge

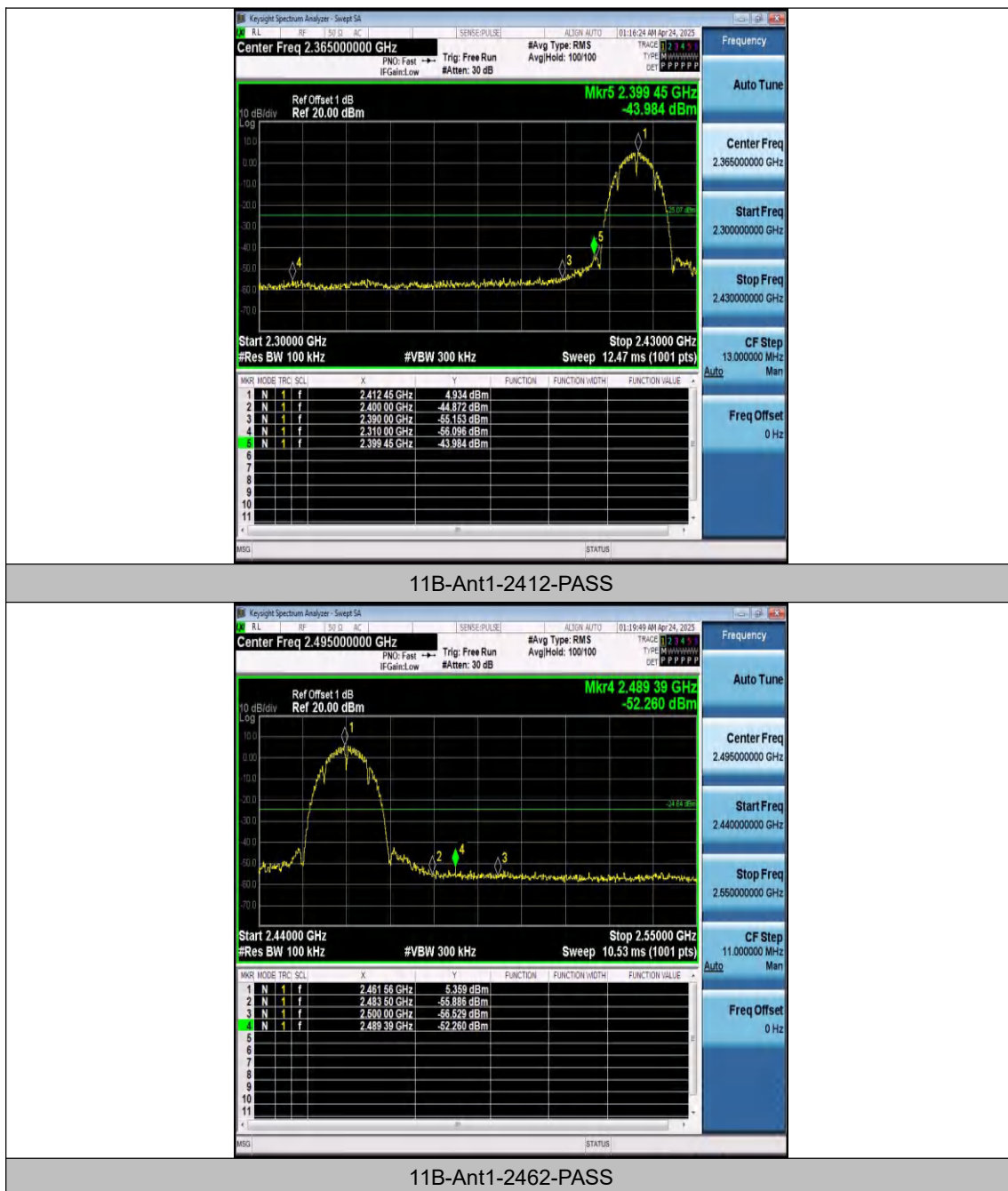
### Test Result

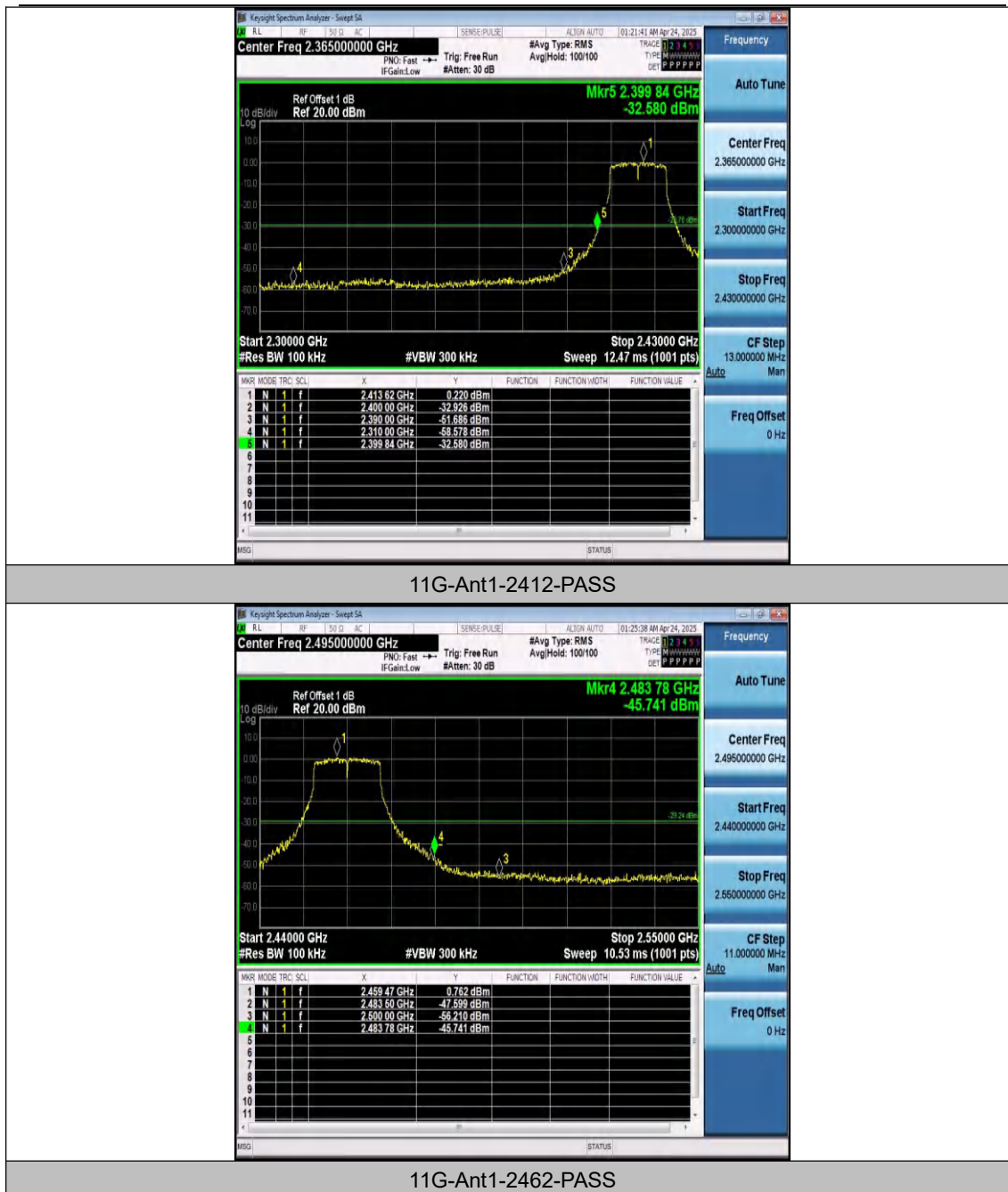
| Test Mode | Antenna | Ch. Name | Frequency[MHz] | Ref. Level[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|----------|----------------|-----------------|-------------|------------|---------|
| 11B       | Ant1    | Low      | 2412           | 4.93            | -43.98      | ≤-25.07    | PASS    |
| 11B       | Ant1    | High     | 2462           | 5.36            | -52.26      | ≤-24.64    | PASS    |
| 11G       | Ant1    | Low      | 2412           | 0.22            | -32.58      | ≤-29.78    | PASS    |
| 11G       | Ant1    | High     | 2462           | 0.76            | -45.74      | ≤-29.24    | PASS    |
| 11N20SISO | Ant1    | Low      | 2412           | 0.93            | -29.85      | ≤-29.07    | PASS    |
| 11N20SISO | Ant1    | High     | 2462           | 0.28            | -45.1       | ≤-29.72    | PASS    |

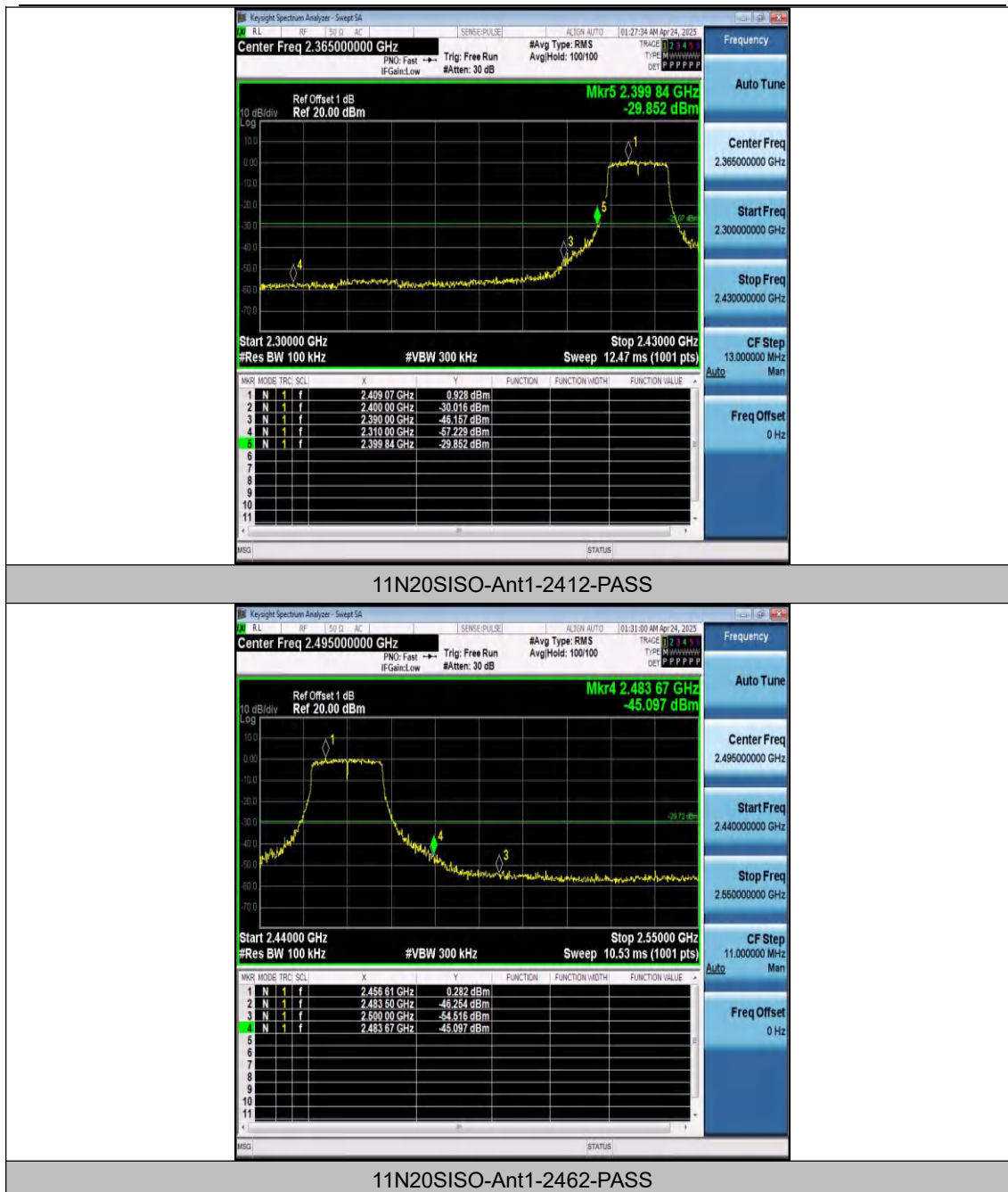
Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'offset' of the Spectrum Analyzer during the test.



## Test Graphs







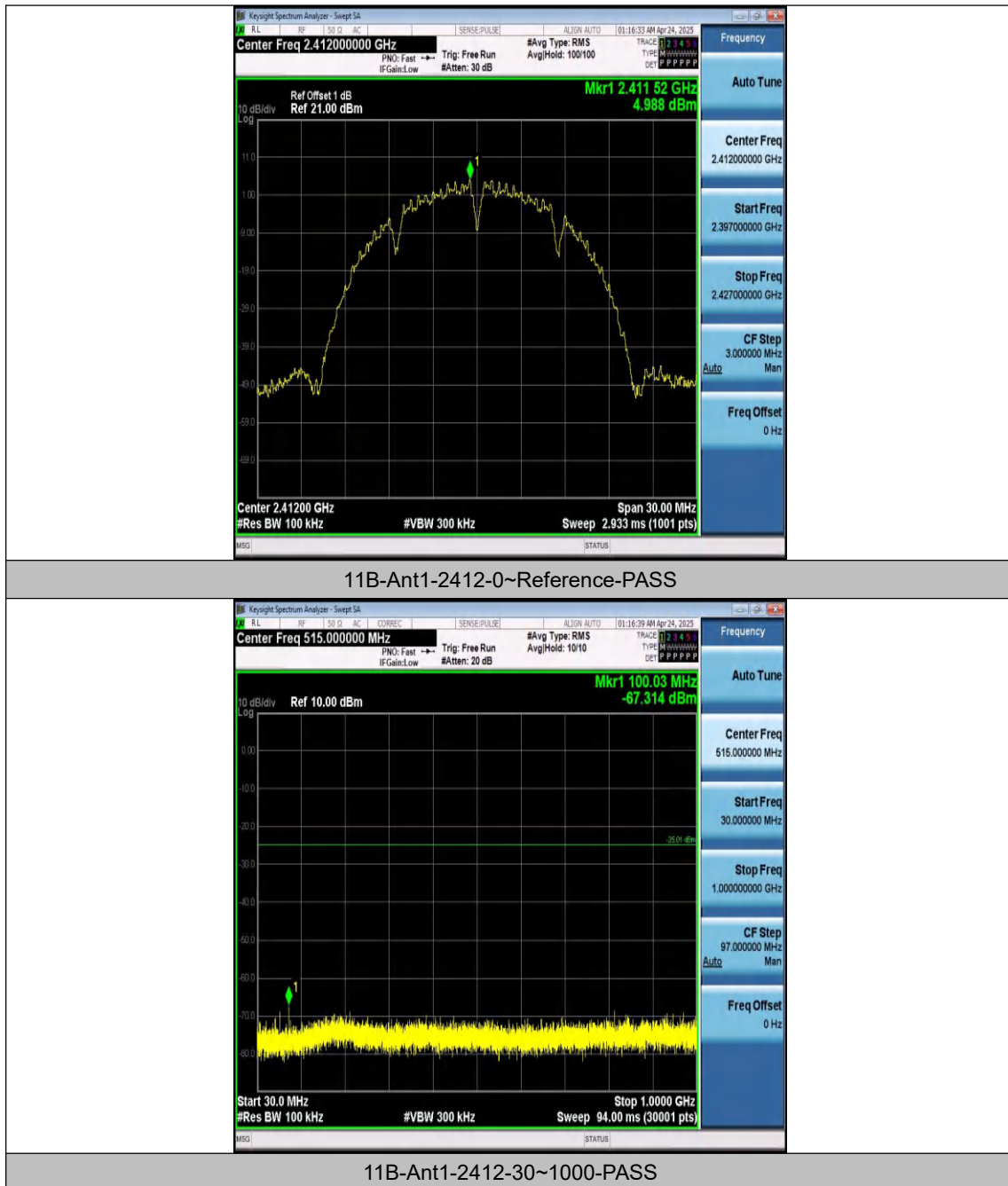
## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency[MHz] | Freq. Range [Mhz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-------------------|------------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | 0~Reference       | 4.99             | 4.99         | ---         | PASS    |
| 11B       | Ant1    | 2412           | 30~1000           | 4.99             | -67.31       | ≤-25.01     | PASS    |
| 11B       | Ant1    | 2412           | 1000~26500        | 4.99             | -52.72       | ≤-25.01     | PASS    |
| 11B       | Ant1    | 2437           | 0~Reference       | 5.18             | 5.18         | ---         | PASS    |
| 11B       | Ant1    | 2437           | 30~1000           | 5.18             | -68.39       | ≤-24.82     | PASS    |
| 11B       | Ant1    | 2437           | 1000~26500        | 5.18             | -53.78       | ≤-24.82     | PASS    |
| 11B       | Ant1    | 2462           | 0~Reference       | 5.36             | 5.36         | ---         | PASS    |
| 11B       | Ant1    | 2462           | 30~1000           | 5.36             | -67.42       | ≤-24.64     | PASS    |
| 11B       | Ant1    | 2462           | 1000~26500        | 5.36             | -53.13       | ≤-24.64     | PASS    |
| 11G       | Ant1    | 2412           | 0~Reference       | 0.40             | 0.40         | ---         | PASS    |
| 11G       | Ant1    | 2412           | 30~1000           | 0.40             | -66.14       | ≤-29.6      | PASS    |
| 11G       | Ant1    | 2412           | 1000~26500        | 0.40             | -53.11       | ≤-29.6      | PASS    |
| 11G       | Ant1    | 2437           | 0~Reference       | 0.29             | 0.29         | ---         | PASS    |
| 11G       | Ant1    | 2437           | 30~1000           | 0.29             | -66.27       | ≤-29.71     | PASS    |
| 11G       | Ant1    | 2437           | 1000~26500        | 0.29             | -53.11       | ≤-29.71     | PASS    |
| 11G       | Ant1    | 2462           | 0~Reference       | 0.55             | 0.55         | ---         | PASS    |
| 11G       | Ant1    | 2462           | 30~1000           | 0.55             | -67.06       | ≤-29.45     | PASS    |
| 11G       | Ant1    | 2462           | 1000~26500        | 0.55             | -53.27       | ≤-29.45     | PASS    |
| 11N20SISO | Ant1    | 2412           | 0~Reference       | 1.00             | 1.00         | ---         | PASS    |
| 11N20SISO | Ant1    | 2412           | 30~1000           | 1.00             | -66.97       | ≤-29        | PASS    |
| 11N20SISO | Ant1    | 2412           | 1000~26500        | 1.00             | -52.85       | ≤-29        | PASS    |
| 11N20SISO | Ant1    | 2437           | 0~Reference       | 0.66             | 0.66         | ---         | PASS    |
| 11N20SISO | Ant1    | 2437           | 30~1000           | 0.66             | -67.23       | ≤-29.34     | PASS    |
| 11N20SISO | Ant1    | 2437           | 1000~26500        | 0.66             | -53.75       | ≤-29.34     | PASS    |
| 11N20SISO | Ant1    | 2462           | 0~Reference       | 0.44             | 0.44         | ---         | PASS    |
| 11N20SISO | Ant1    | 2462           | 30~1000           | 0.44             | -65.84       | ≤-29.56     | PASS    |
| 11N20SISO | Ant1    | 2462           | 1000~26500        | 0.44             | -53.73       | ≤-29.56     | PASS    |

Remark: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.

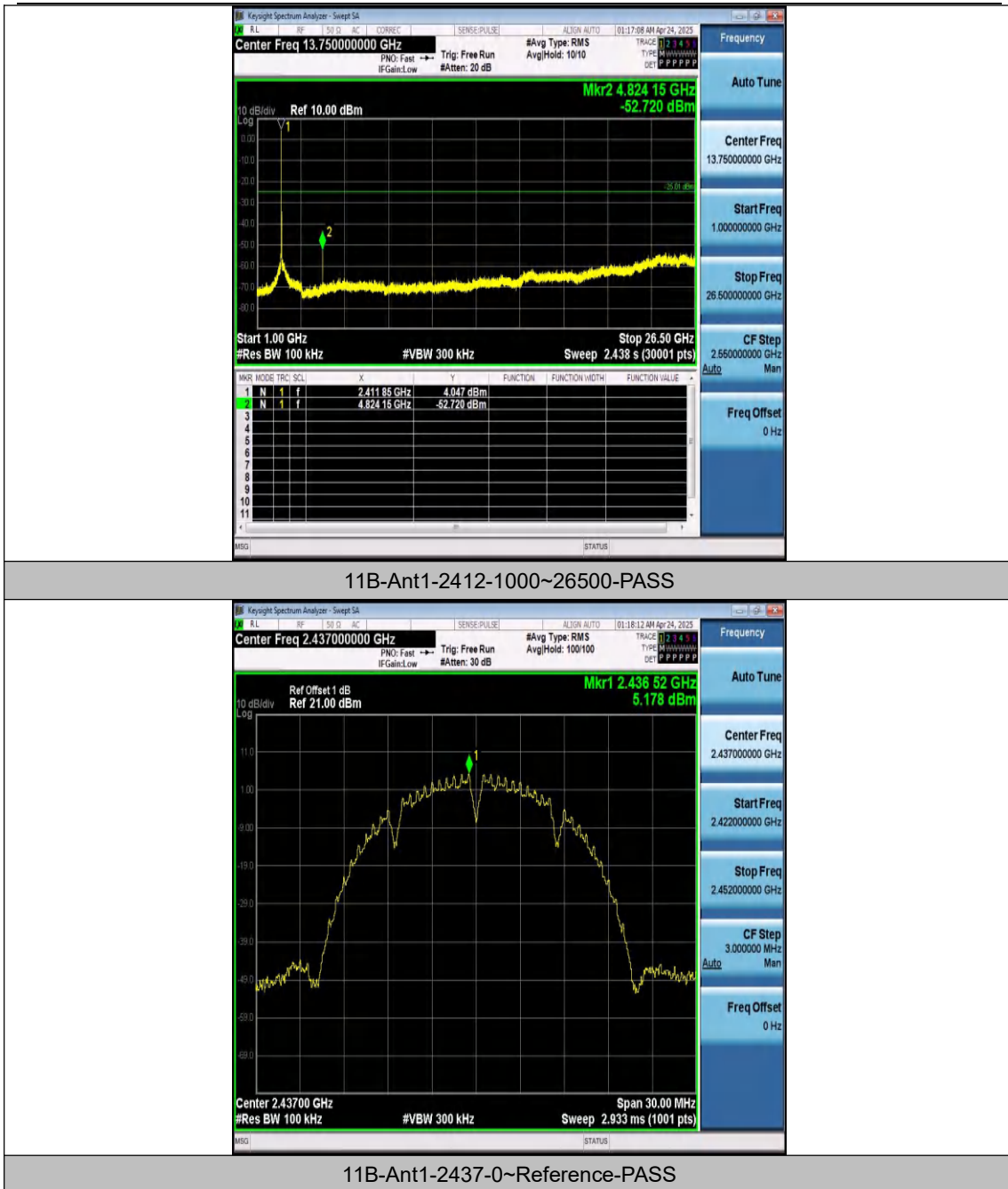
## Test Graphs

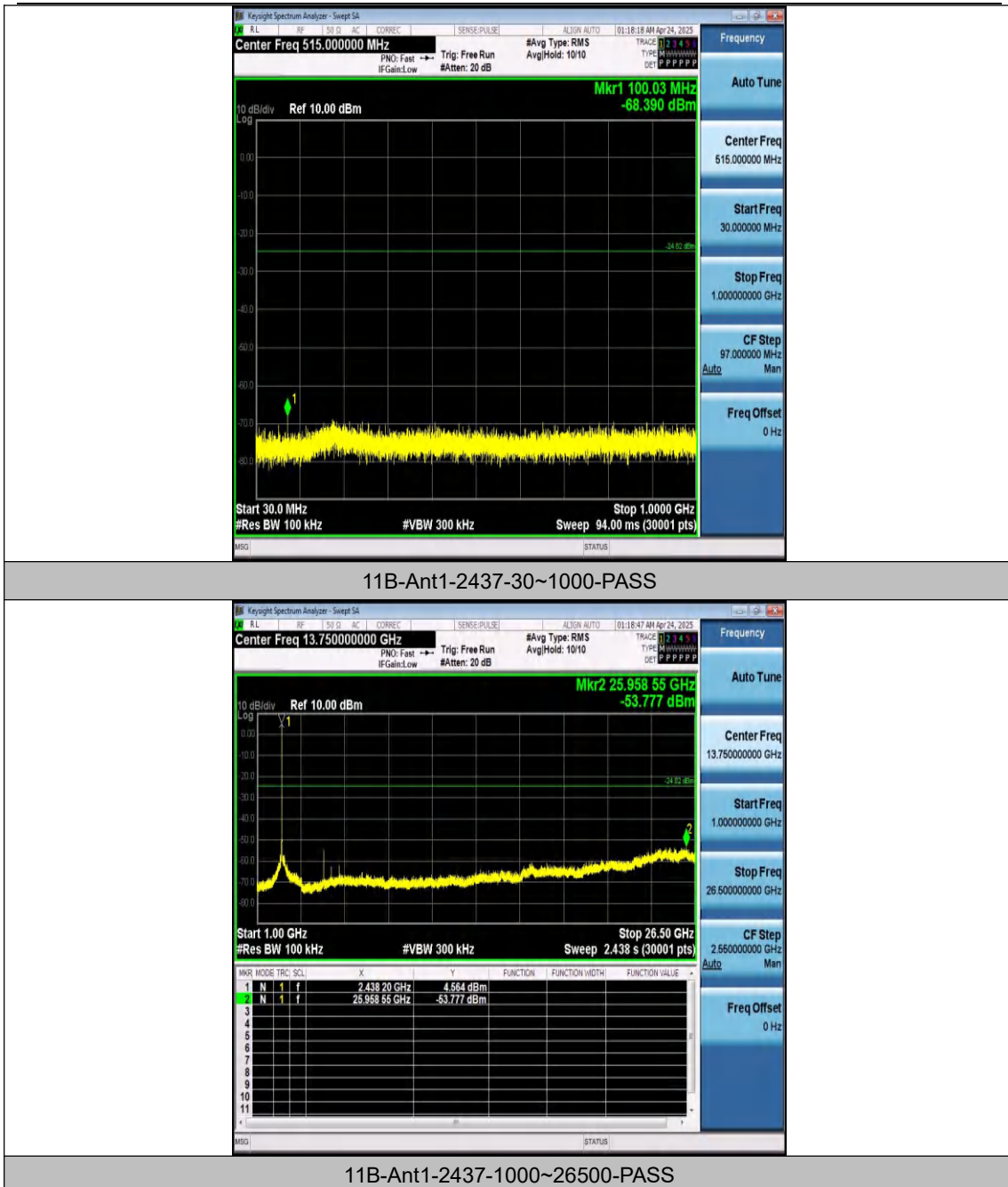


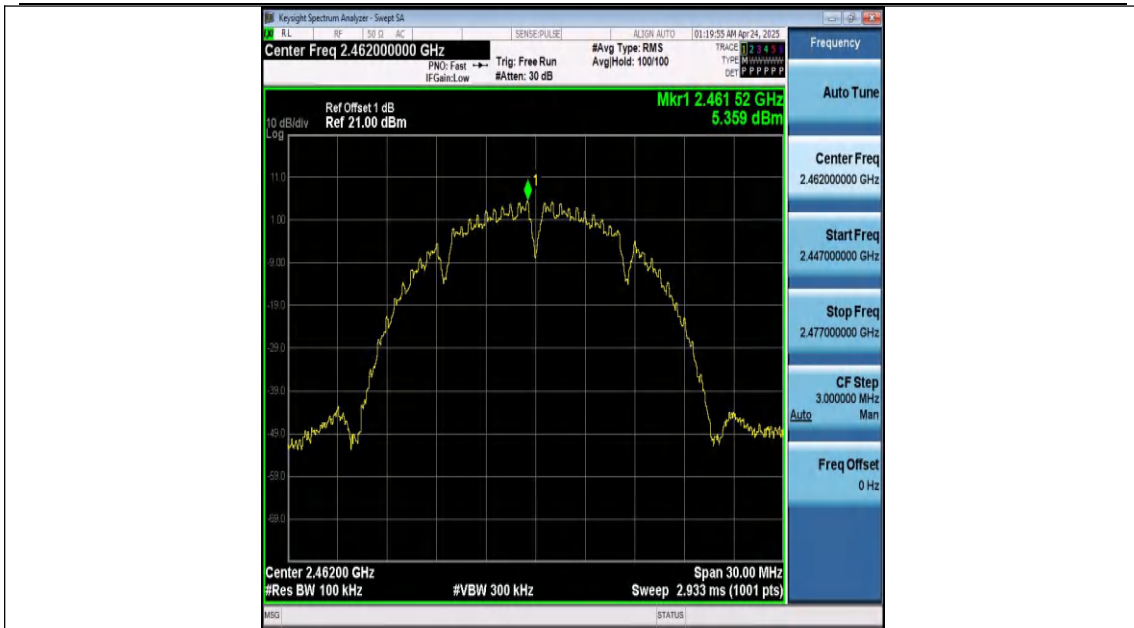
## Shenzhen Anbotek Compliance Laboratory Limited

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

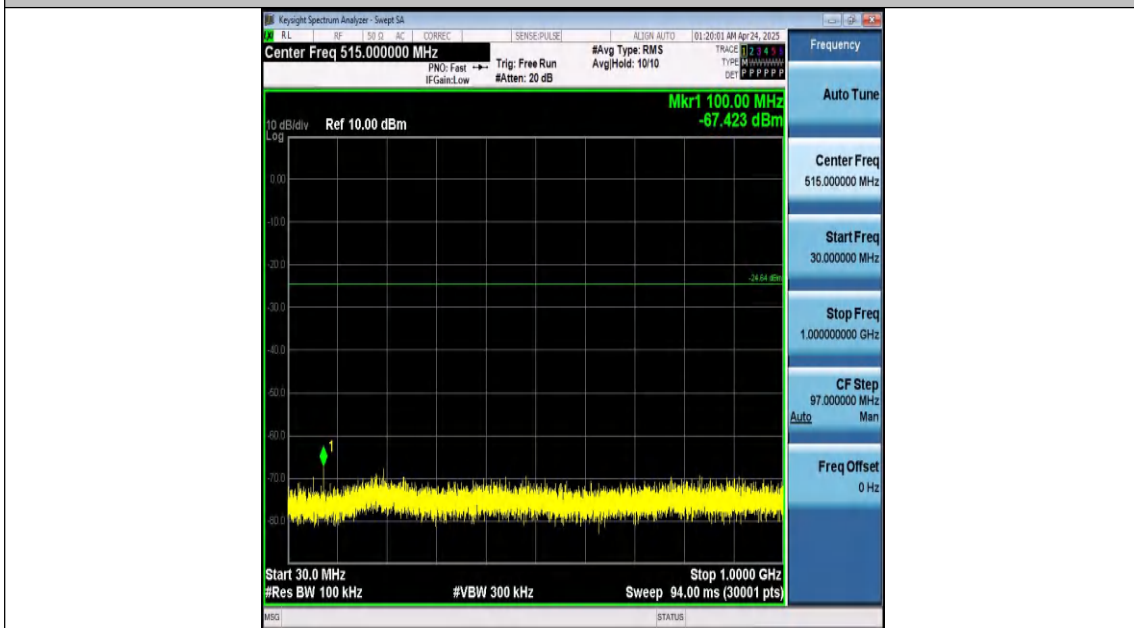
Hotline  
400-003-0500  
www.anbotek.com



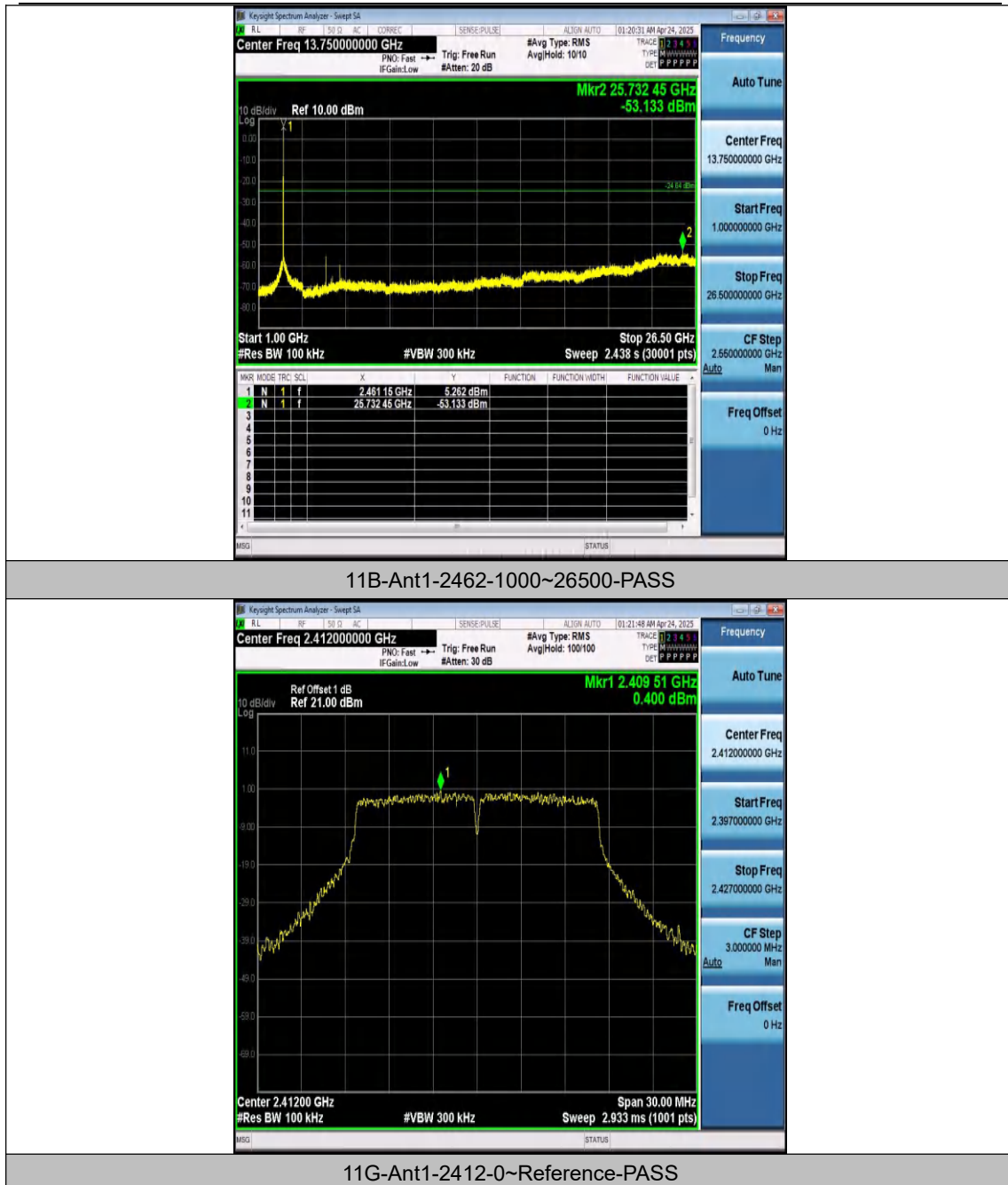




11B-Ant1-2462-0~Reference-PASS



11B-Ant1-2462-30~1000-PASS

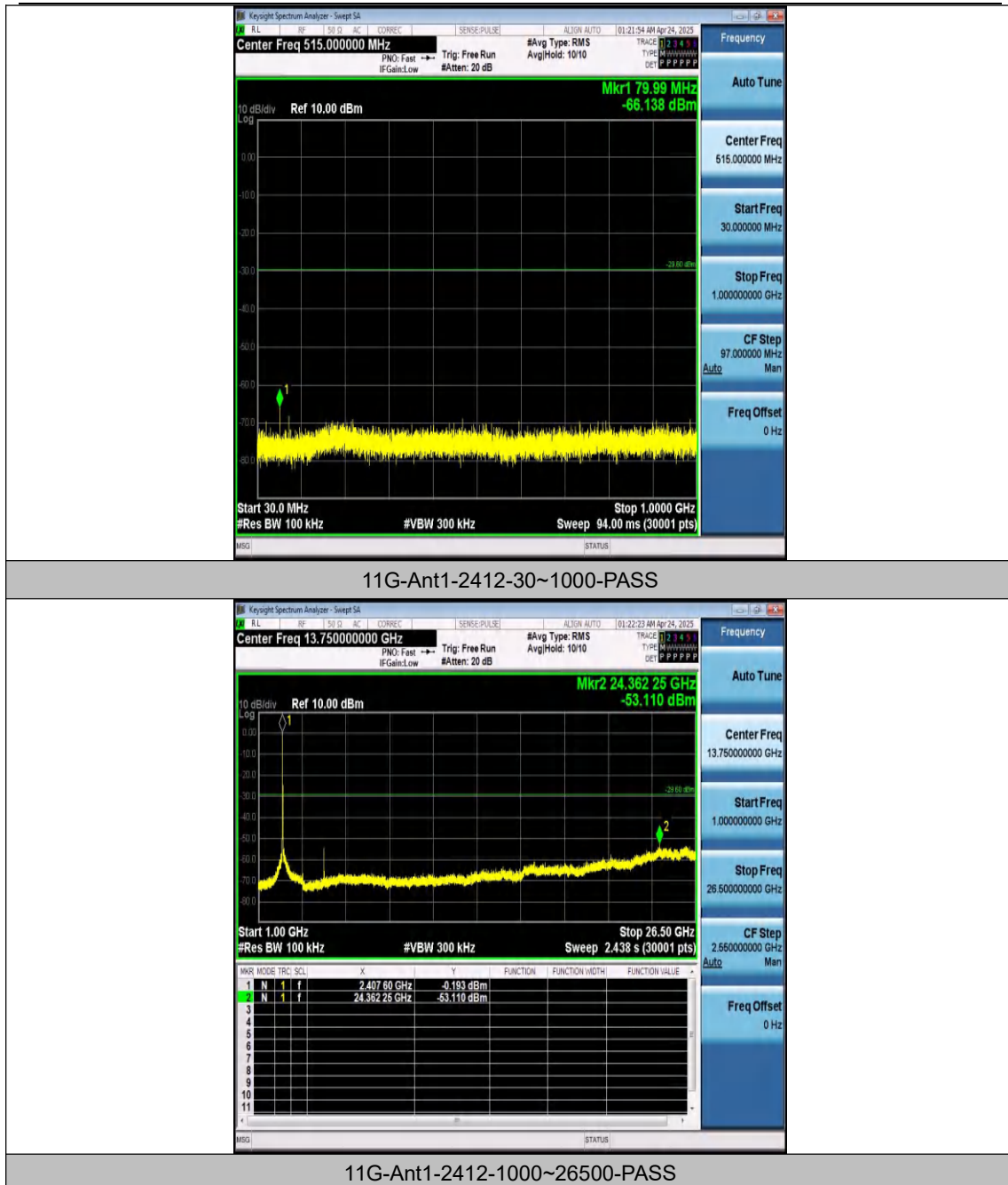


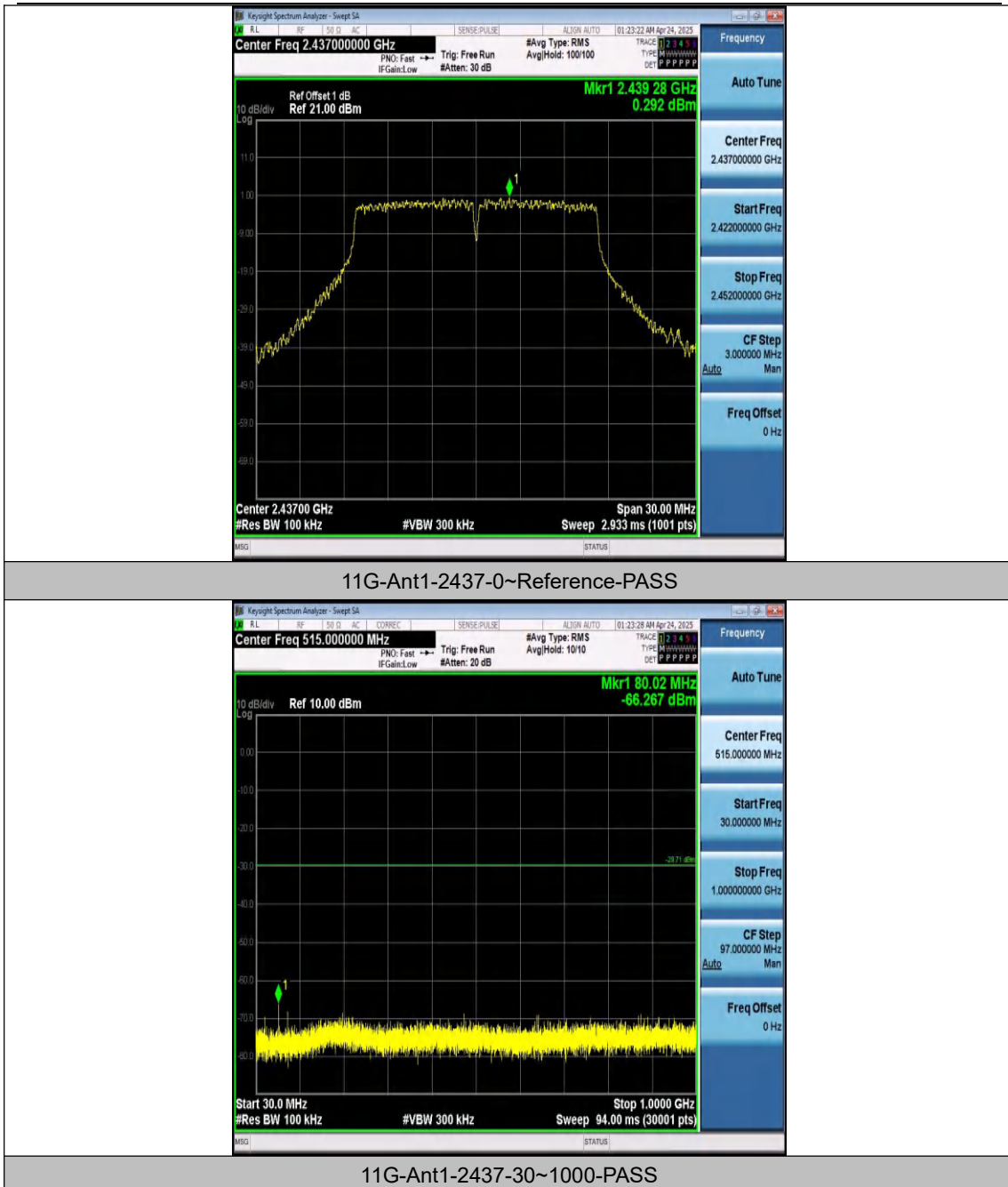
## Shenzhen Anbotech Compliance Laboratory Limited

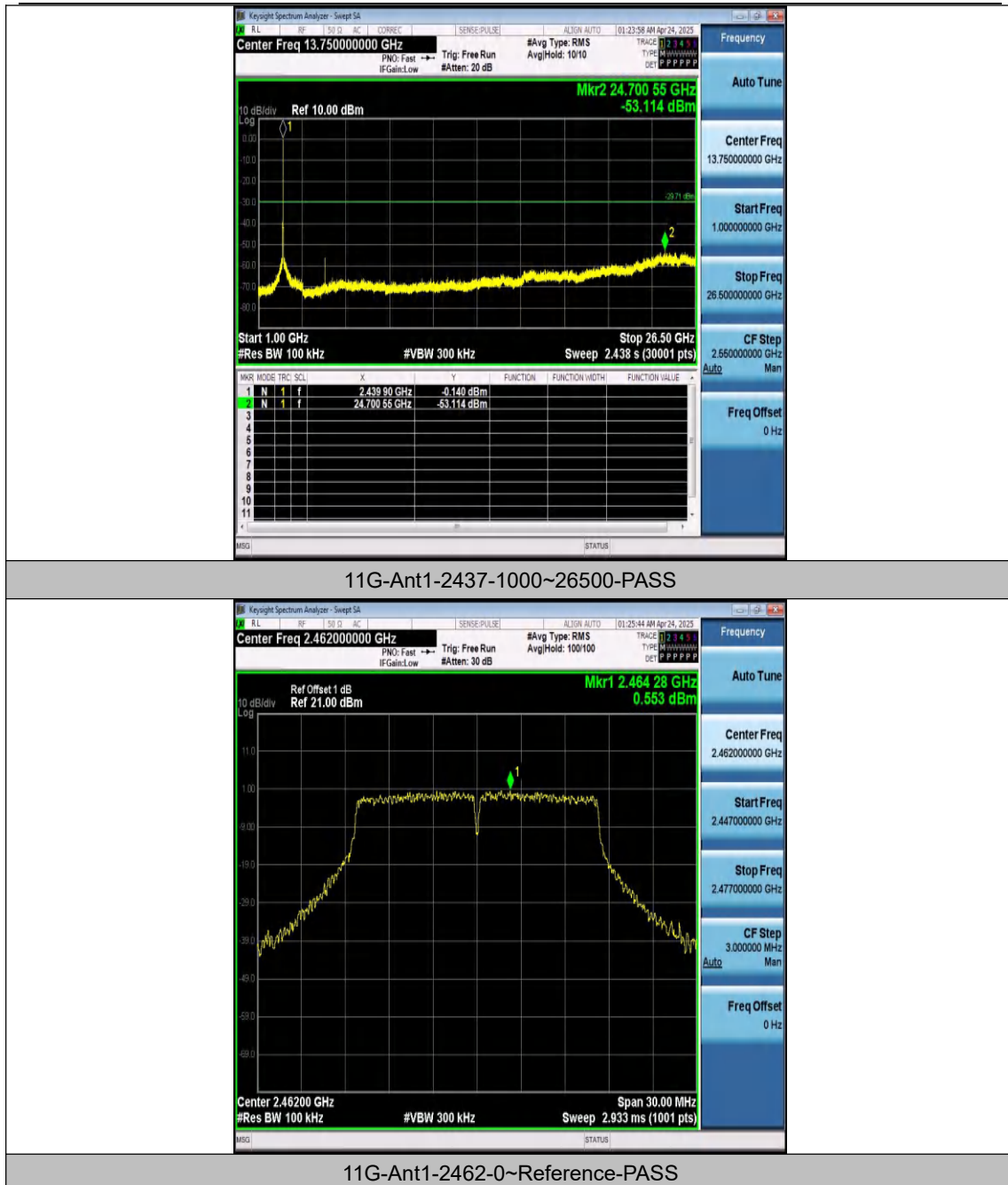
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotech.com

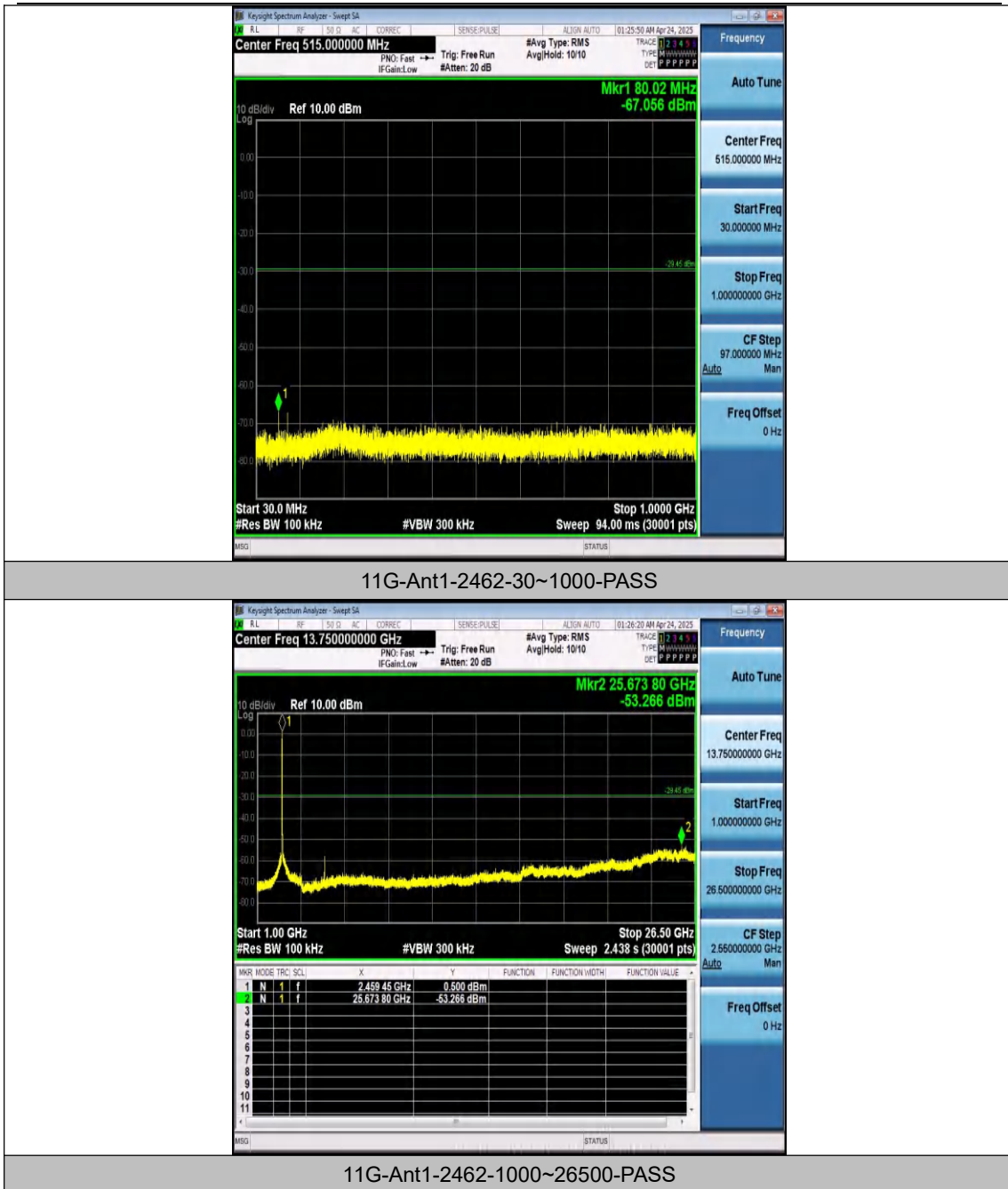


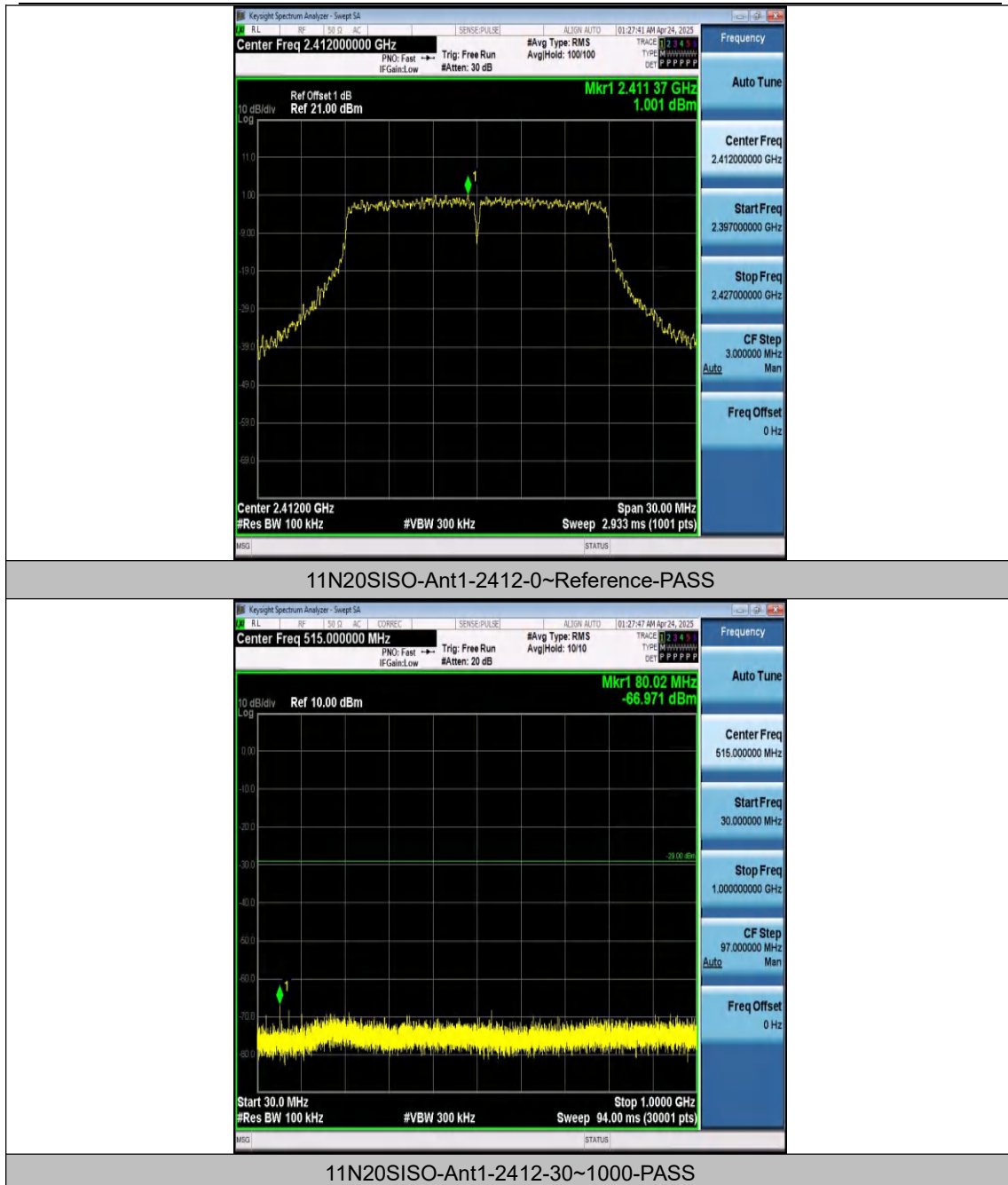
Hotline  
400-003-0500  
www.anbotech.com

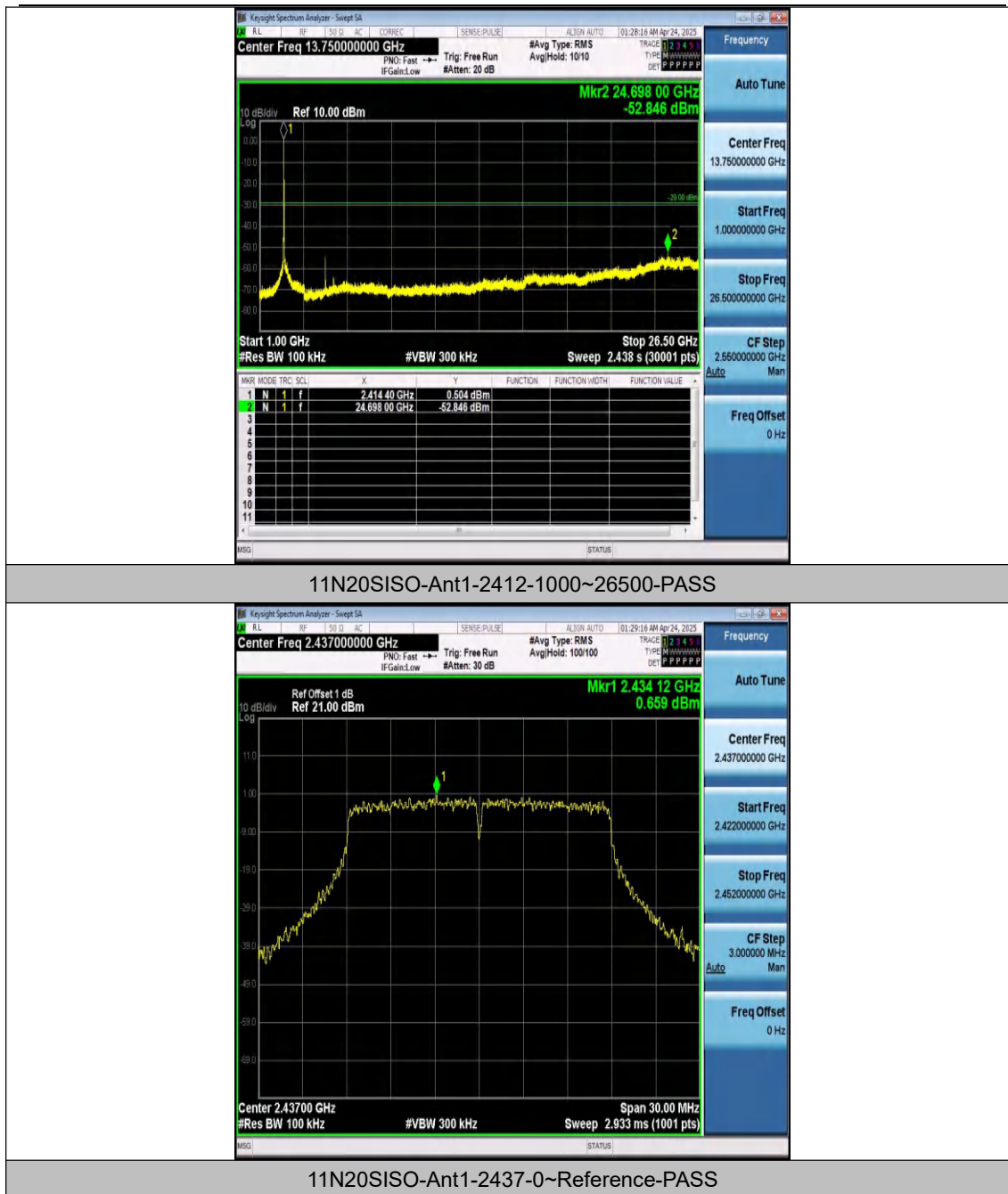


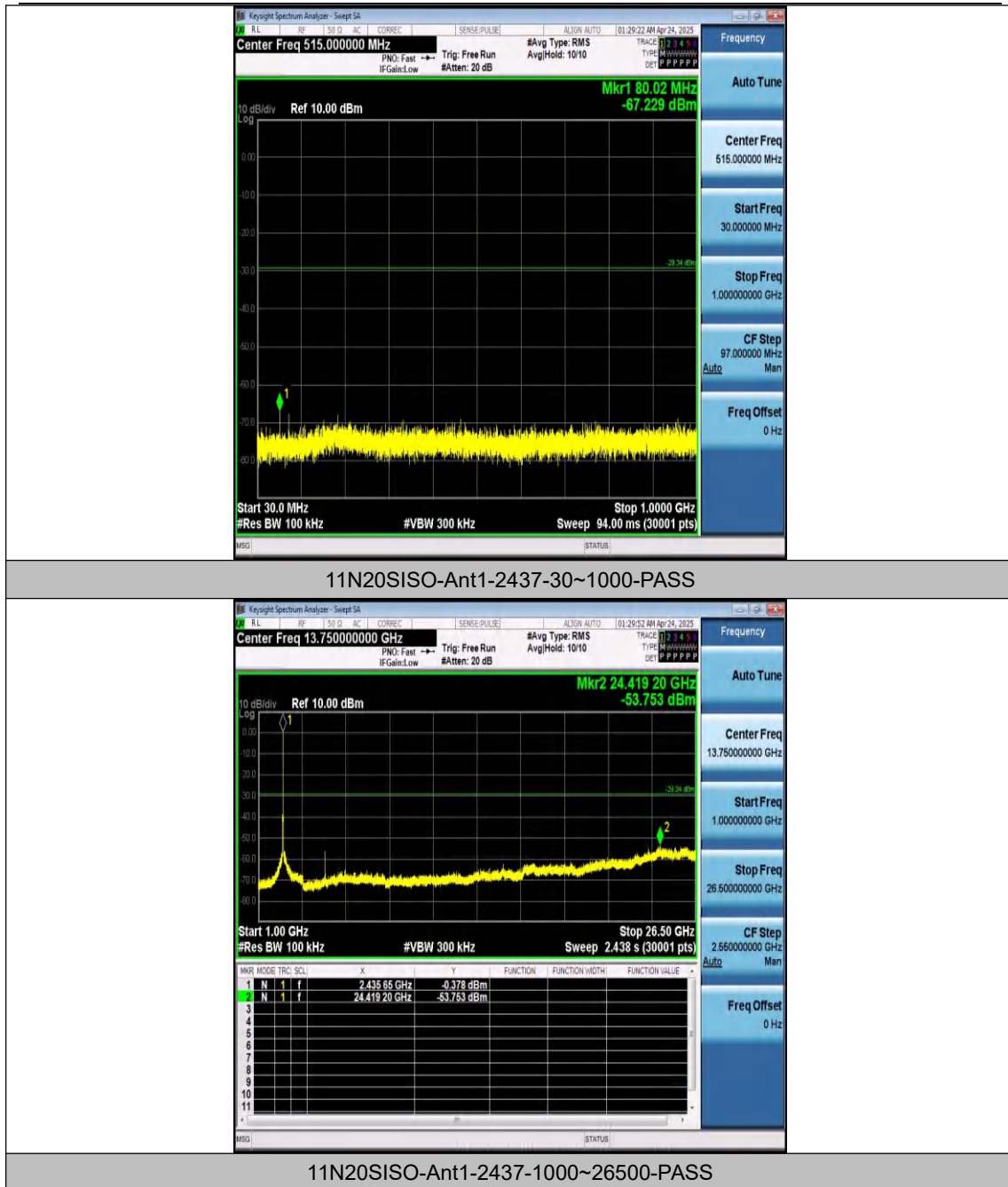


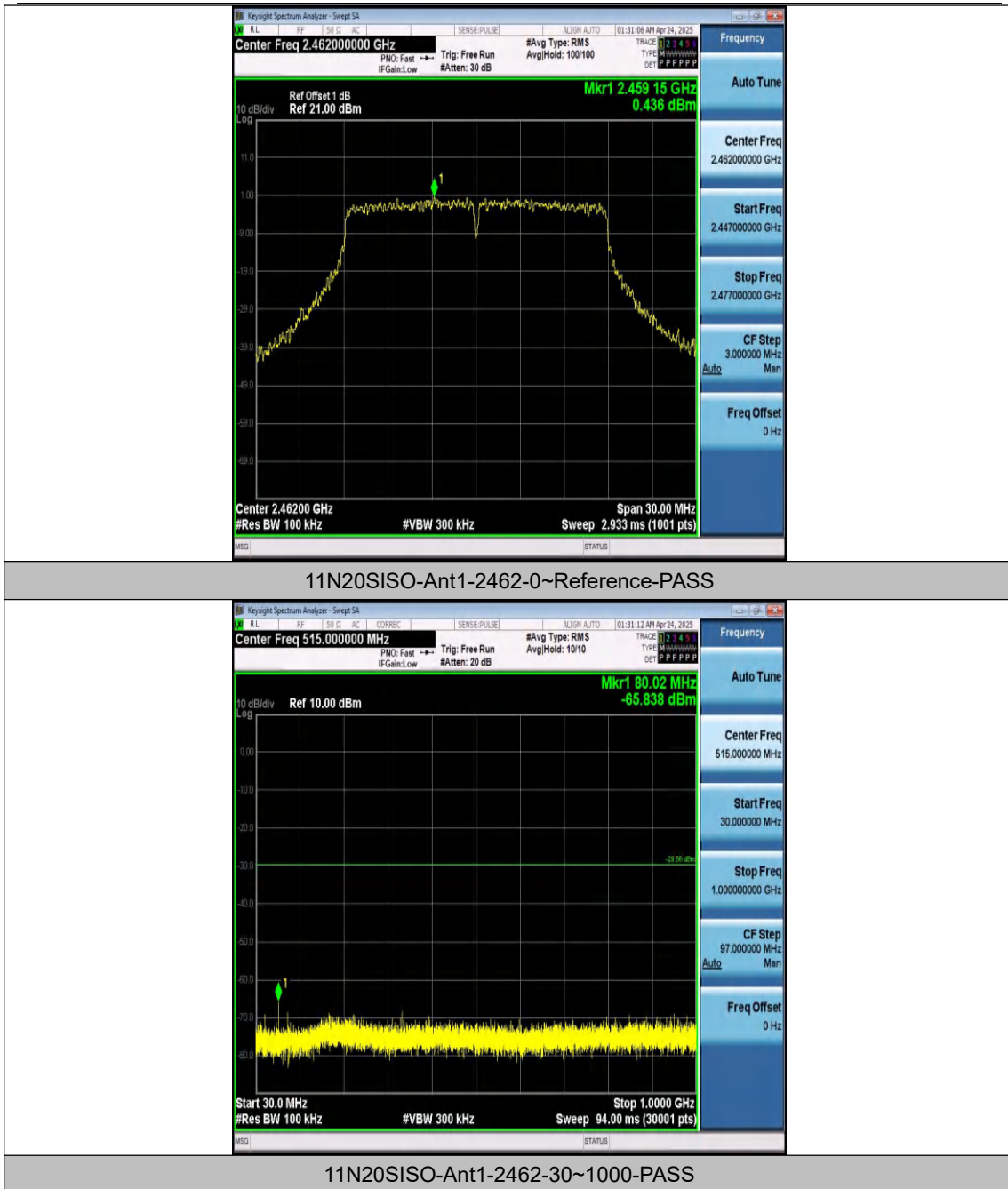








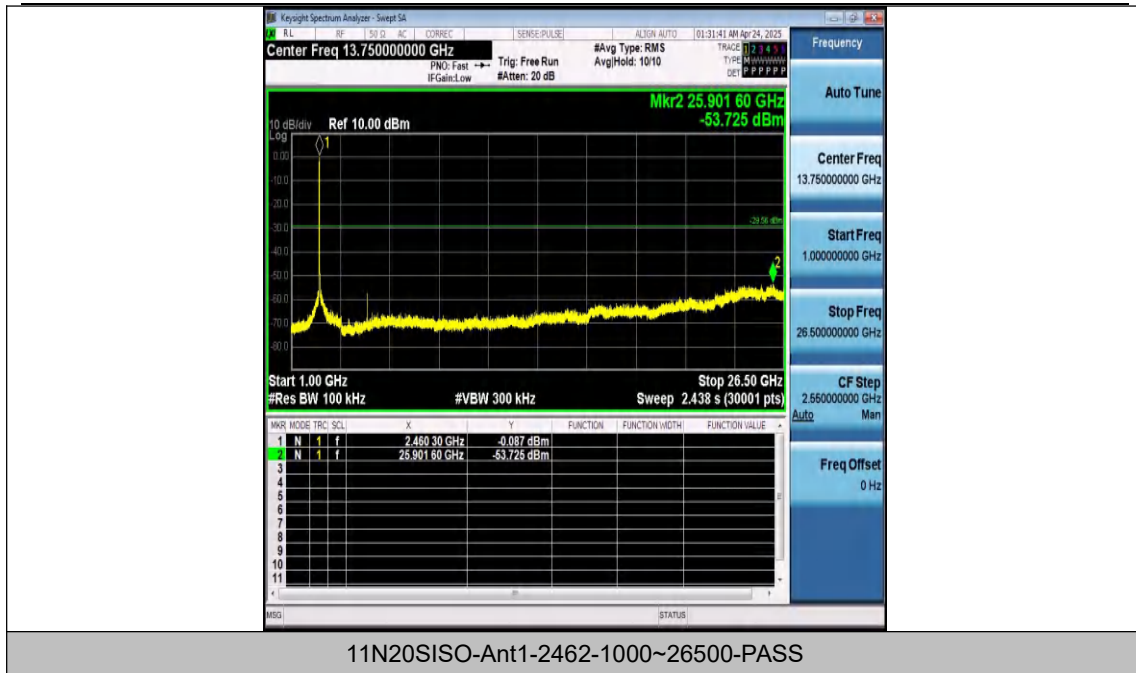




## Shenzhen Anbotek Compliance Laboratory Limited

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



### 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

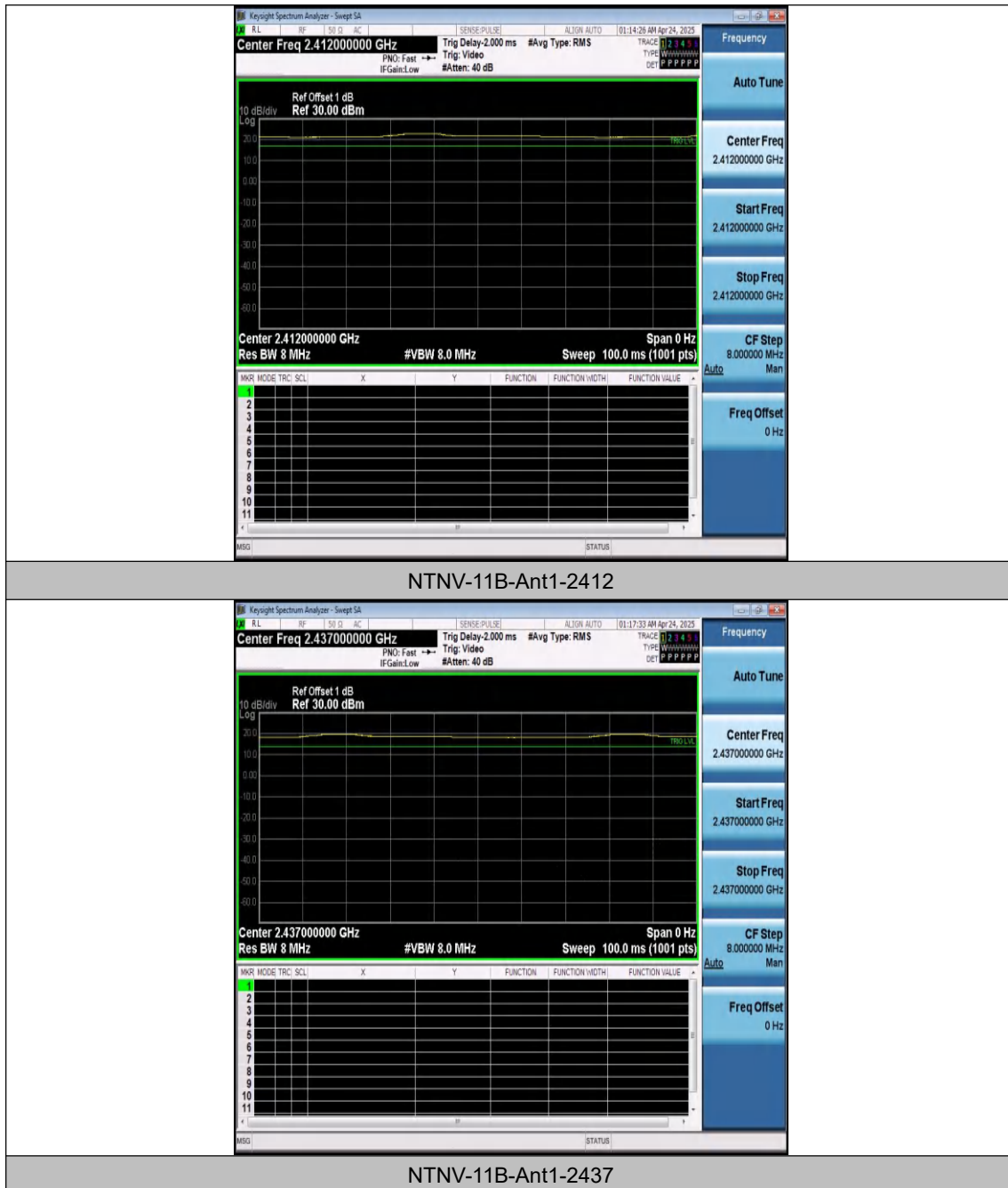
## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor |
|-----------|---------|----------------|----------------------------|--------------------------|----------------|--------|
| 11B       | Ant1    | 2412           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11B       | Ant1    | 2437           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11B       | Ant1    | 2462           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11G       | Ant1    | 2412           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11G       | Ant1    | 2437           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11G       | Ant1    | 2462           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11N20SISO | Ant1    | 2412           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11N20SISO | Ant1    | 2437           | 100.00                     | 100.00                   | 100.00         | 0.00   |
| 11N20SISO | Ant1    | 2462           | 100.00                     | 100.00                   | 100.00         | 0.00   |



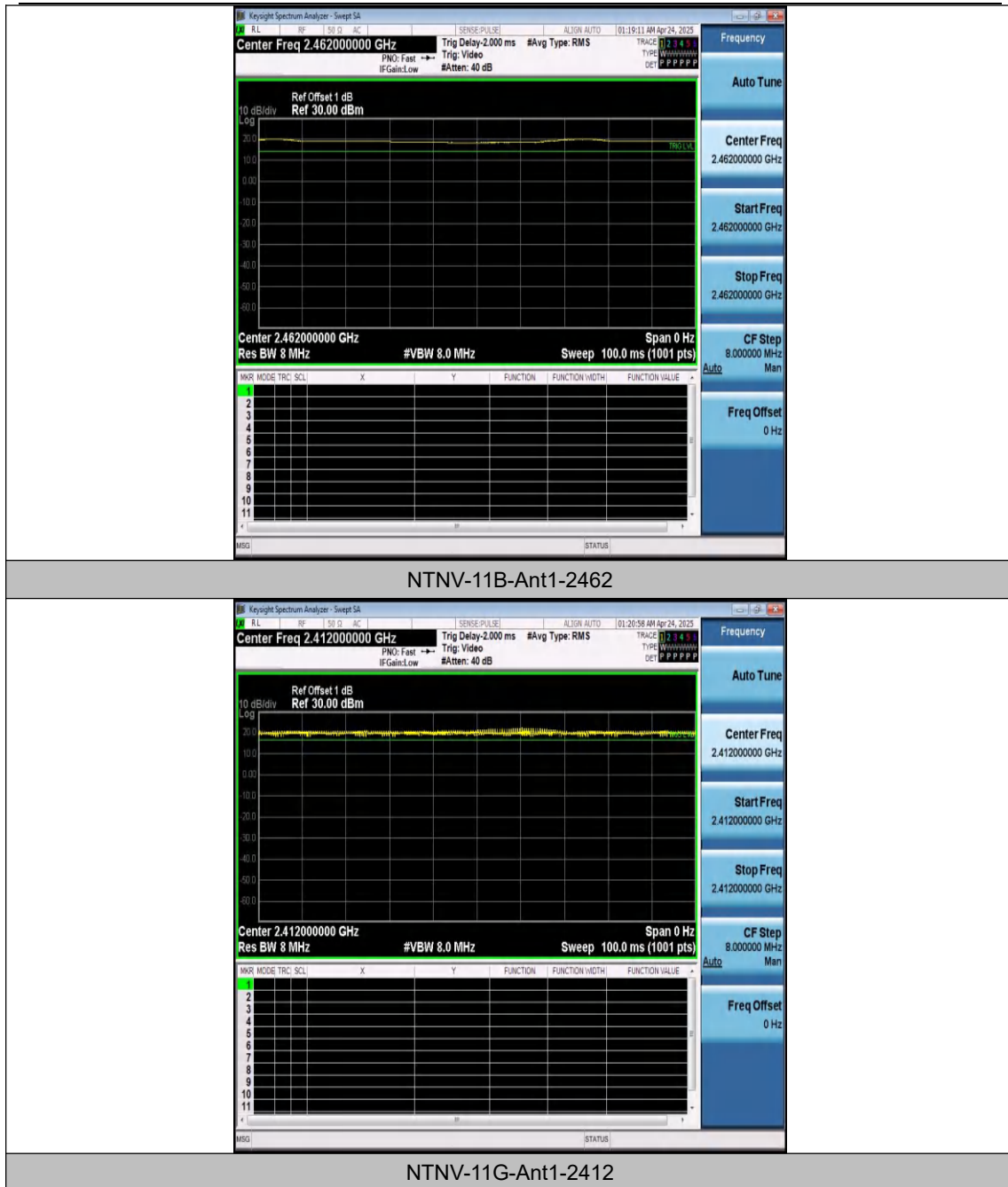
## Test Graphs

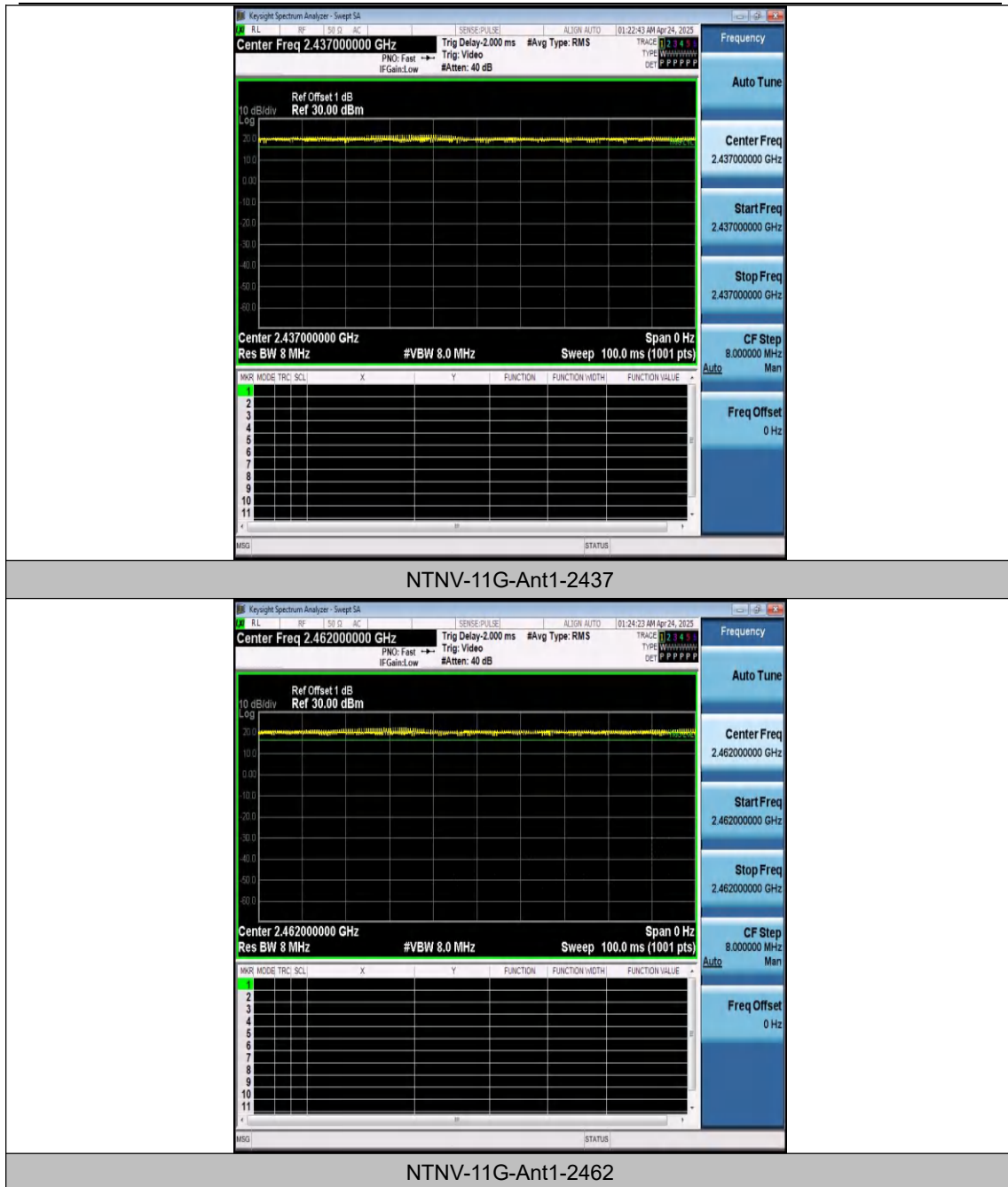


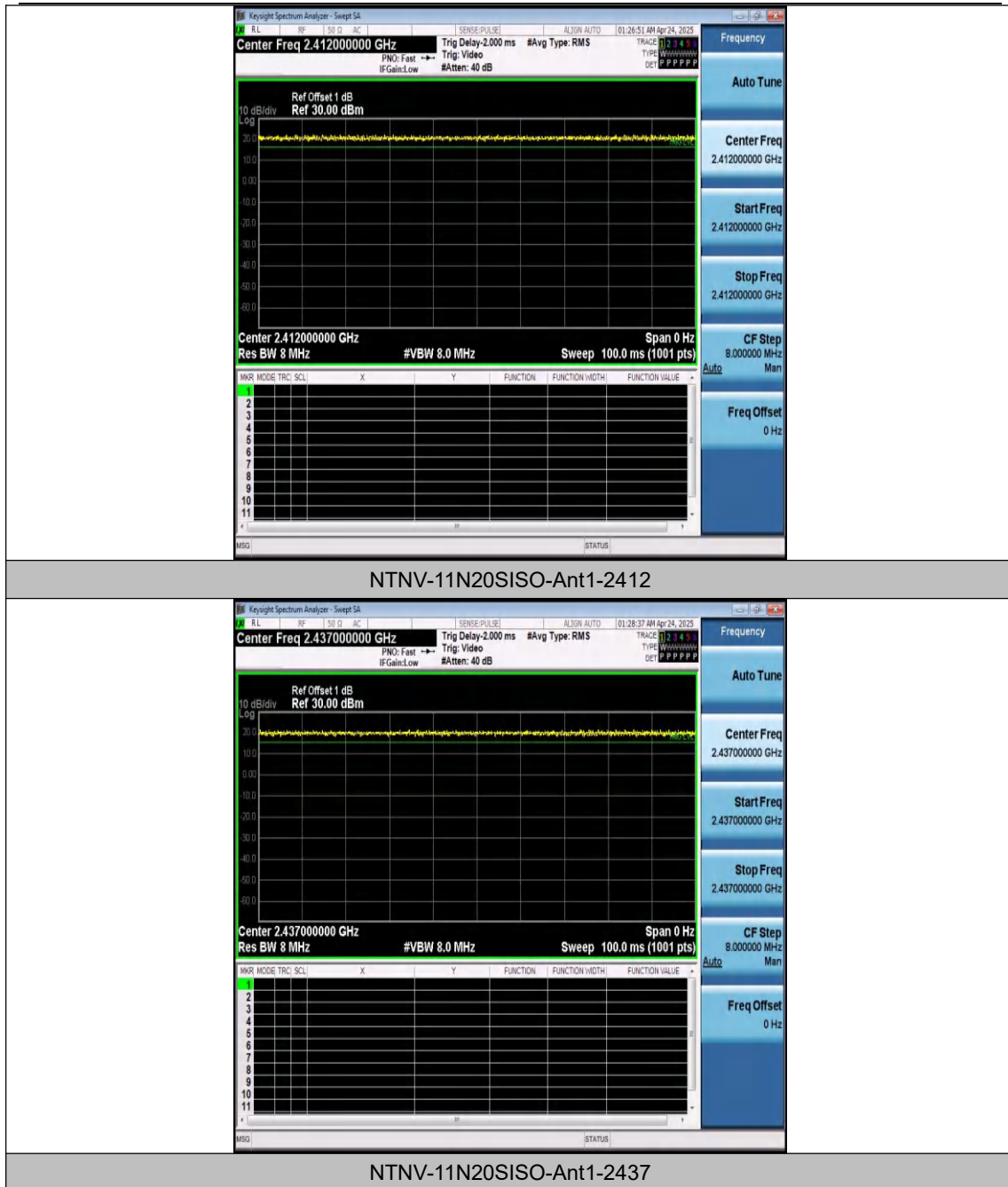
## Shenzhen Anbotek Compliance Laboratory Limited

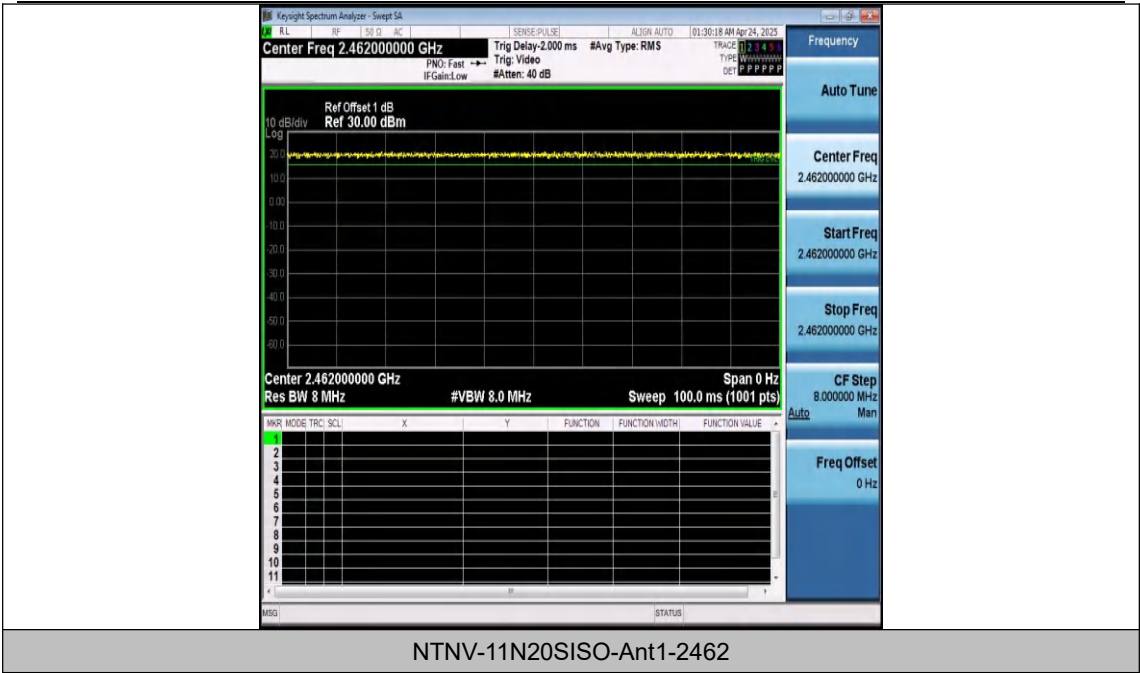
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotek.com

Hotline  
400-003-0500  
www.anbotek.com









---End---