

Appendix Test Data

| | | | |
|------------------|-----------------|--------------------|-------------------|
| Report No.: | 18220WC30012801 | Test Sample No.: | 1-2-2 |
| Start Test Date: | 2023.2.3 | Finish Test Date: | 2023.2.9 |
| Test Engineer: | <i>Jony.He</i> | Auditor: | <i>Edward.Pan</i> |
| Temperature: | 24.3°C | Relative Humidity: | 47 % |
| Pressure: | 1012 hPa | | |

Appendix A: 20dB Emission Bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | 20db EBW[MHz] | FL[MHz] | FH[MHz] |
|-----------|---------|----------------|---------------|----------|----------|
| DH5 | Ant1 | 2402 | 0.963 | 2401.529 | 2402.492 |
| | | 2441 | 0.972 | 2440.523 | 2441.495 |
| | | 2480 | 1.029 | 2479.466 | 2480.495 |

Shenzhen Anbotek Compliance Laboratory Limited

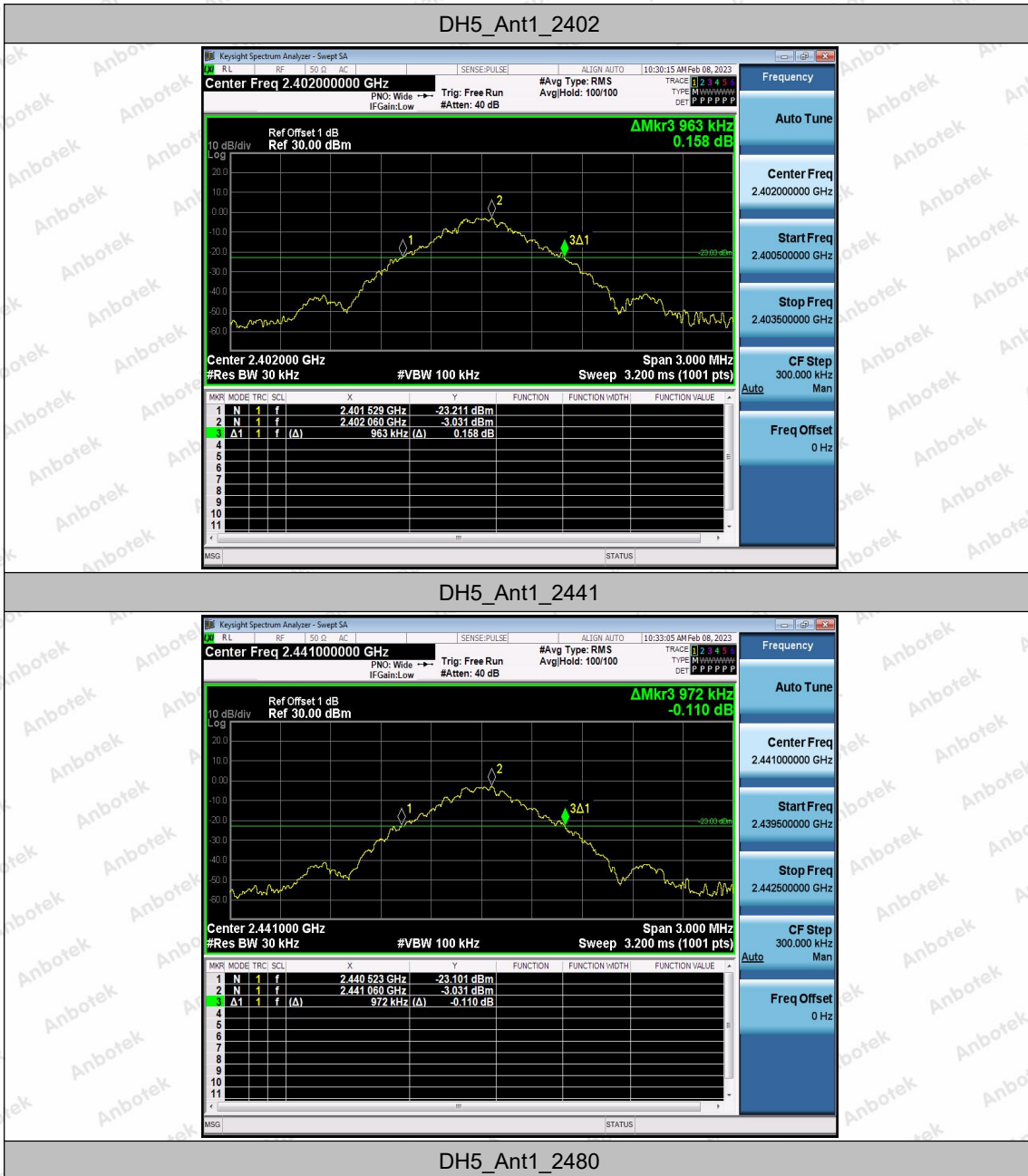
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn



Appendix B: Occupied Channel Bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] |
|-----------|---------|----------------|-----------|-----------|-----------|
| DH5 | Ant1 | 2402 | 0.89790 | 2401.5591 | 2402.4570 |
| | | 2441 | 0.89348 | 2440.5619 | 2441.4554 |
| | | 2480 | 0.90287 | 2479.5565 | 2480.4594 |

Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
 400-003-0500
www.anbotek.com.cn



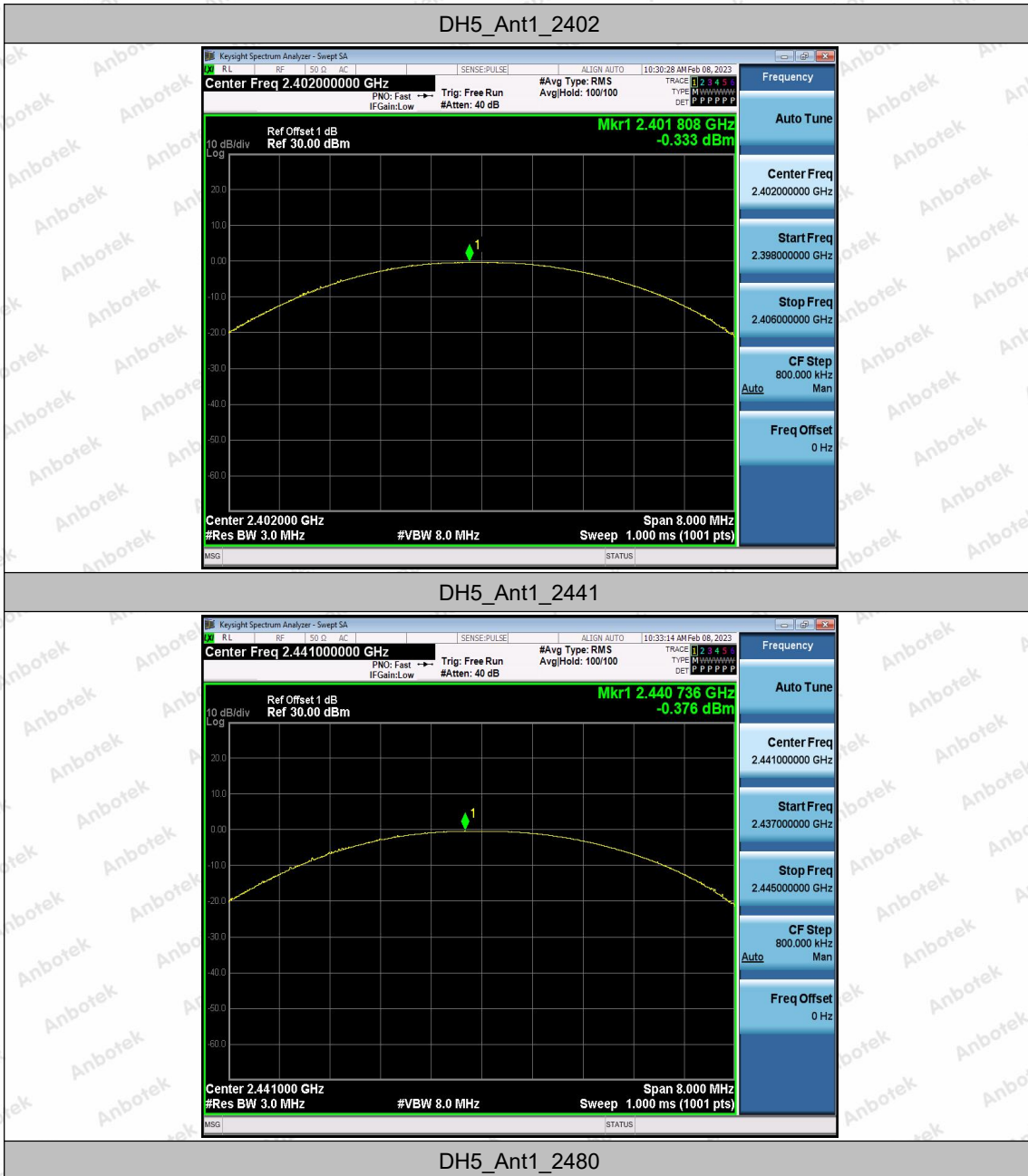
Appendix C: Maximum conducted output power

Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| DH5 | Ant1 | 2402 | -0.33 | ≤20.97 | PASS |
| | | 2441 | -0.38 | ≤20.97 | PASS |
| | | 2480 | -1.01 | ≤20.97 | PASS |



Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
www.anbotek.com.cn





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn

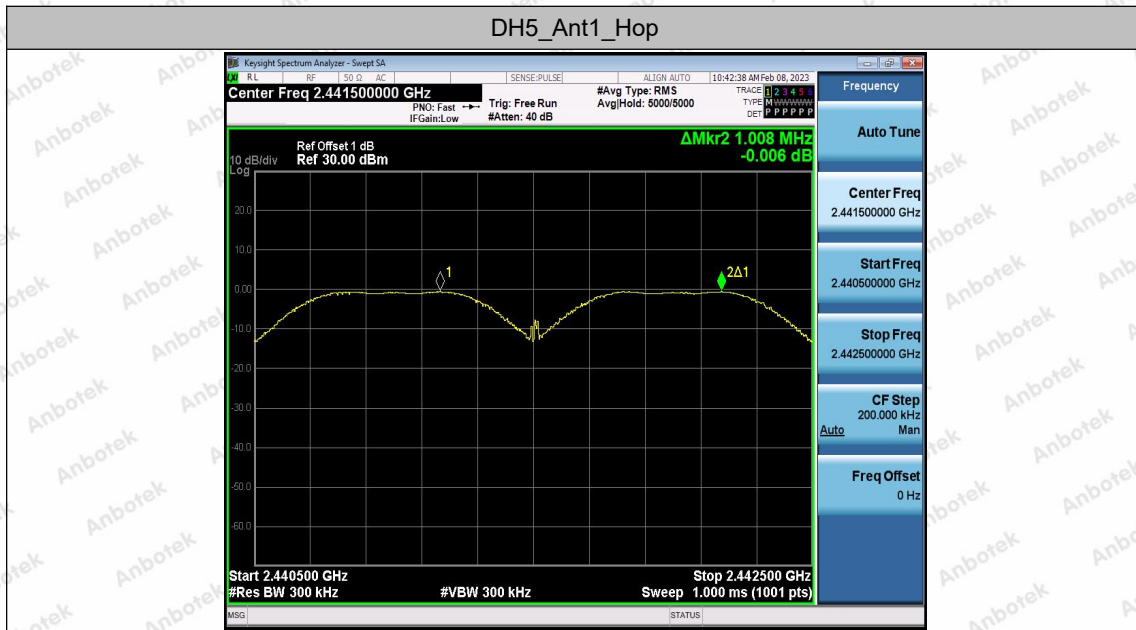


Appendix D: Carrier frequency separation

Test Result

| Test Mode | Antenna | Frequency[MHz] | Result[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|-------------|------------|---------|
| DH5 | Ant1 | Hop | 1.008 | ≥0.686 | PASS |

Test Graphs



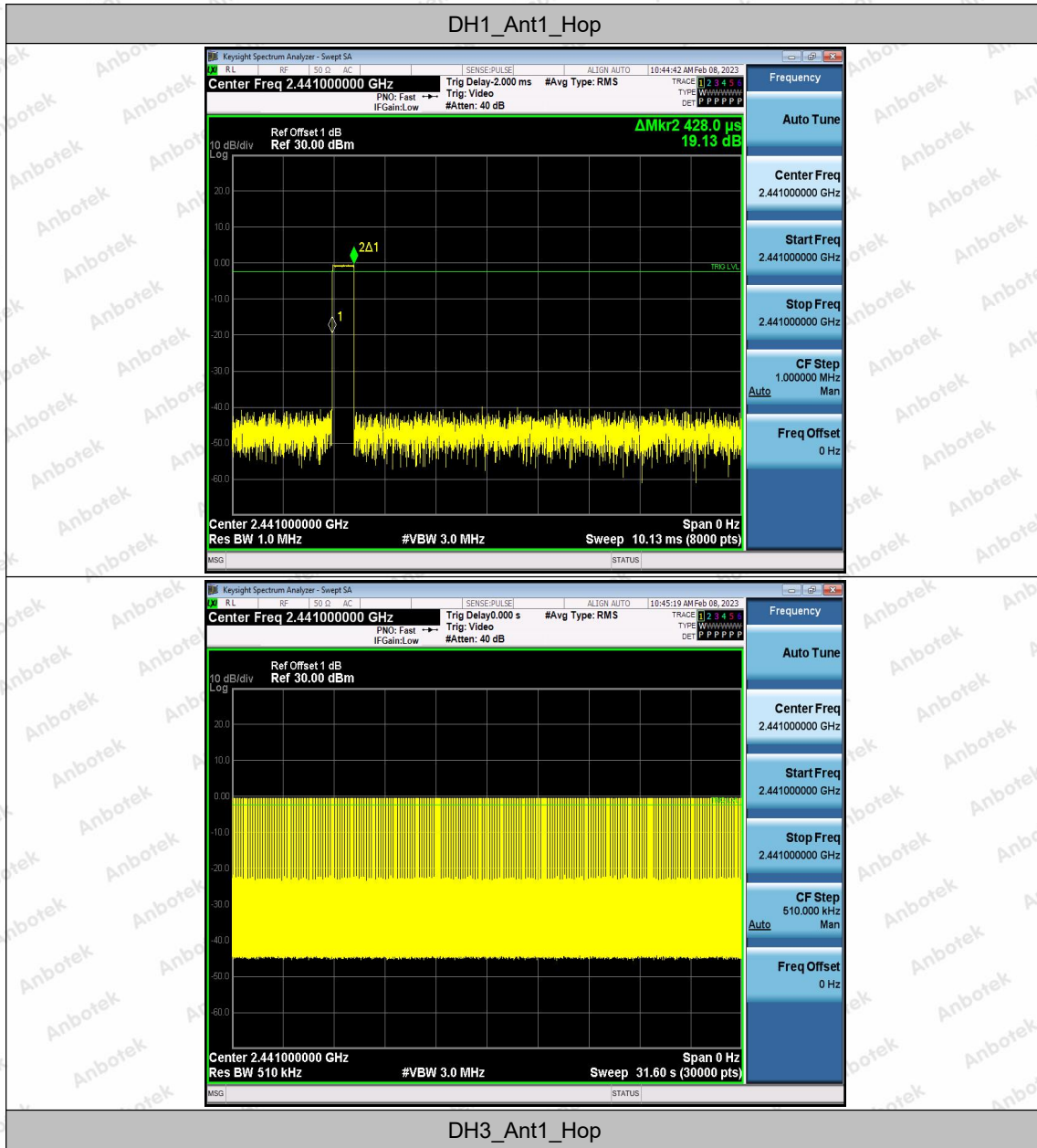
Appendix E: Time of occupancy

Test Result

| TestMode | Antenna | Frequency[MHz] | BurstWidth [ms] | TotalHops [Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|----------------|--------------------|--------------------|-----------|----------|---------|
| DH1 | Ant1 | Hop | 0.428 | 608 | 0.26 | ≤0.4 | PASS |
| DH3 | Ant1 | Hop | 1.548 | 168 | 0.26 | ≤0.4 | PASS |
| DH5 | Ant1 | Hop | 2.787 | 111 | 0.309 | ≤0.4 | PASS |



Test Graphs

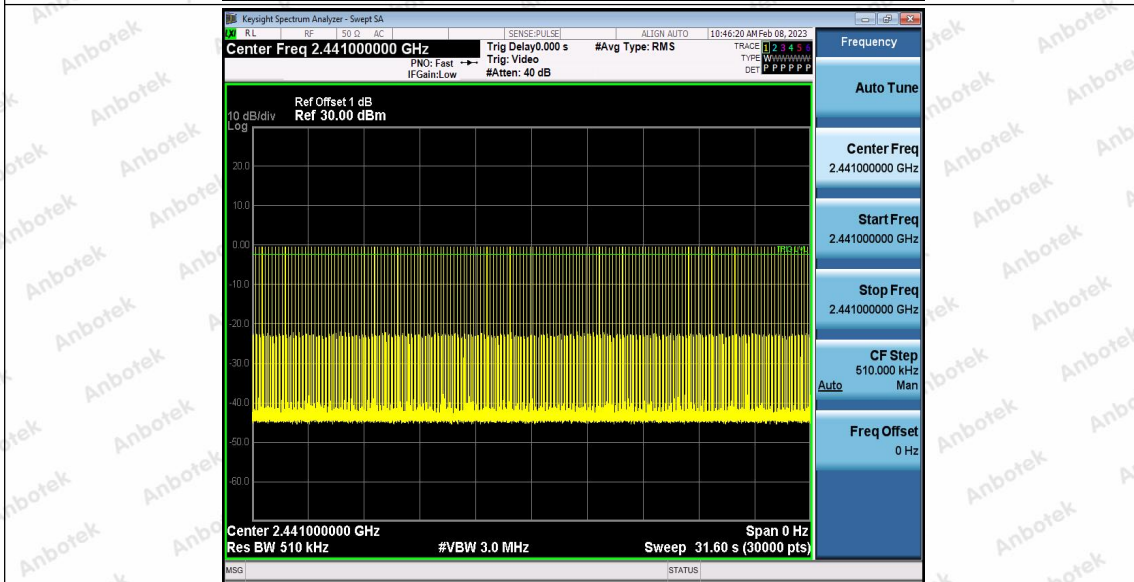
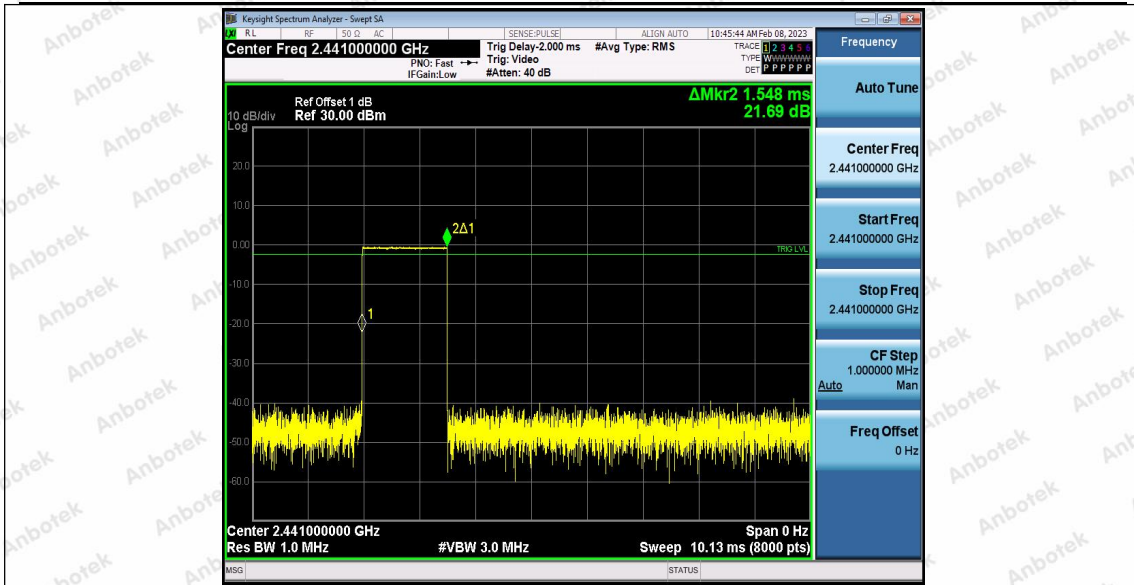


Shenzhen Anbotek Compliance Laboratory Limited

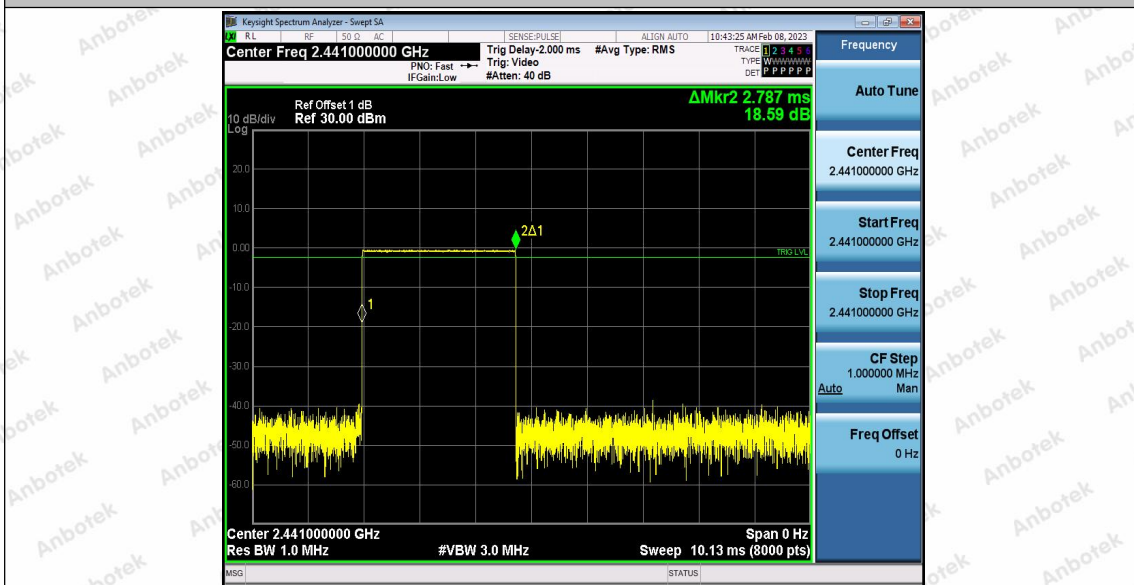
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn





DH5_Ant1_Hop

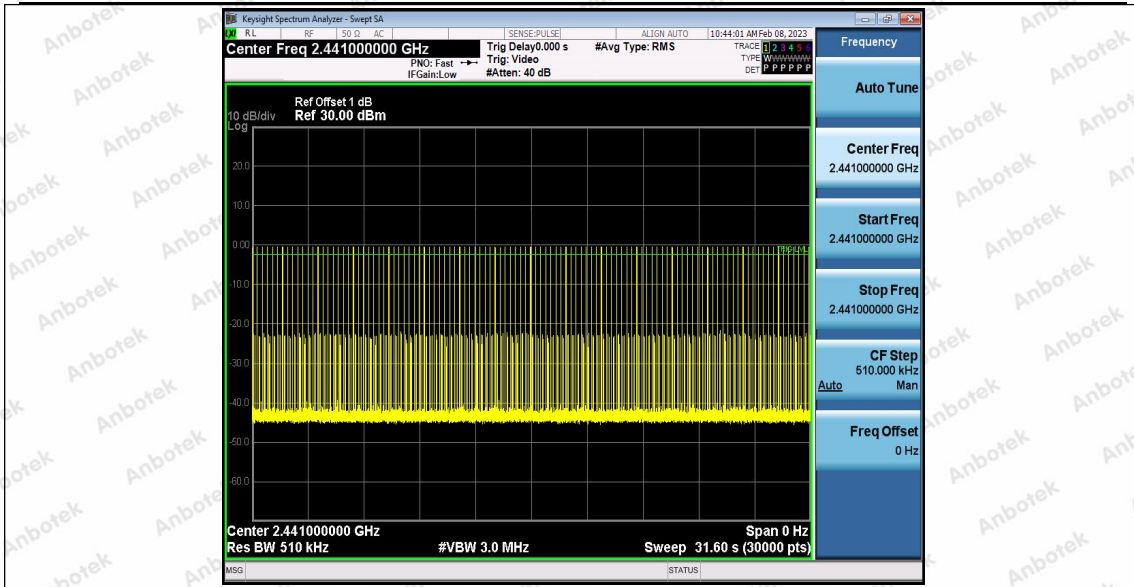


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn

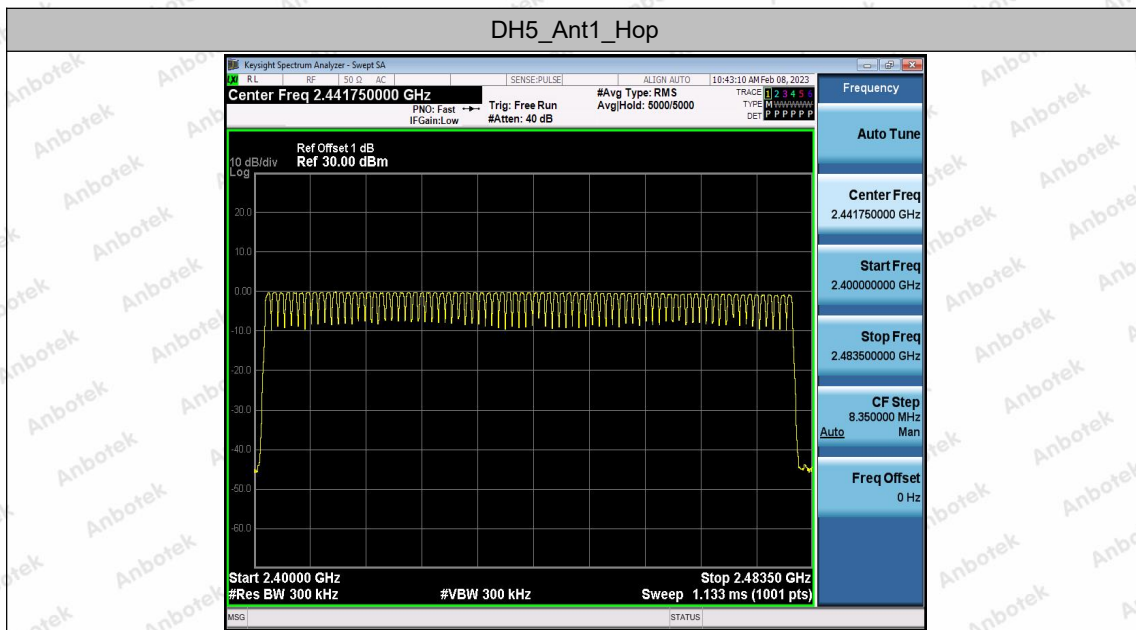


Appendix F: Number of hopping channels

Test Result

| Test Mode | Antenna | Frequency[MHz] | Result[Num] | Limit[Num] | Verdict |
|-----------|---------|----------------|-------------|------------|---------|
| DH5 | Ant1 | Hop | 79 | ≥15 | PASS |

Test Graphs



Appendix G: Band edge measurements

Test Result

| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|----------------|----------------|--------------|-------------|---------|
| DH5 | Ant1 | Low | 2402 | -0.83 | -56.3 | ≤-20.83 | PASS |
| | | High | 2480 | -1.38 | -57.19 | ≤-21.38 | PASS |
| | | Low | Hop_2402 | -0.87 | -44.95 | ≤-20.87 | PASS |
| | | High | Hop_2480 | -1.44 | -57.15 | ≤-21.44 | PASS |

Shenzhen Anbotek Compliance Laboratory Limited

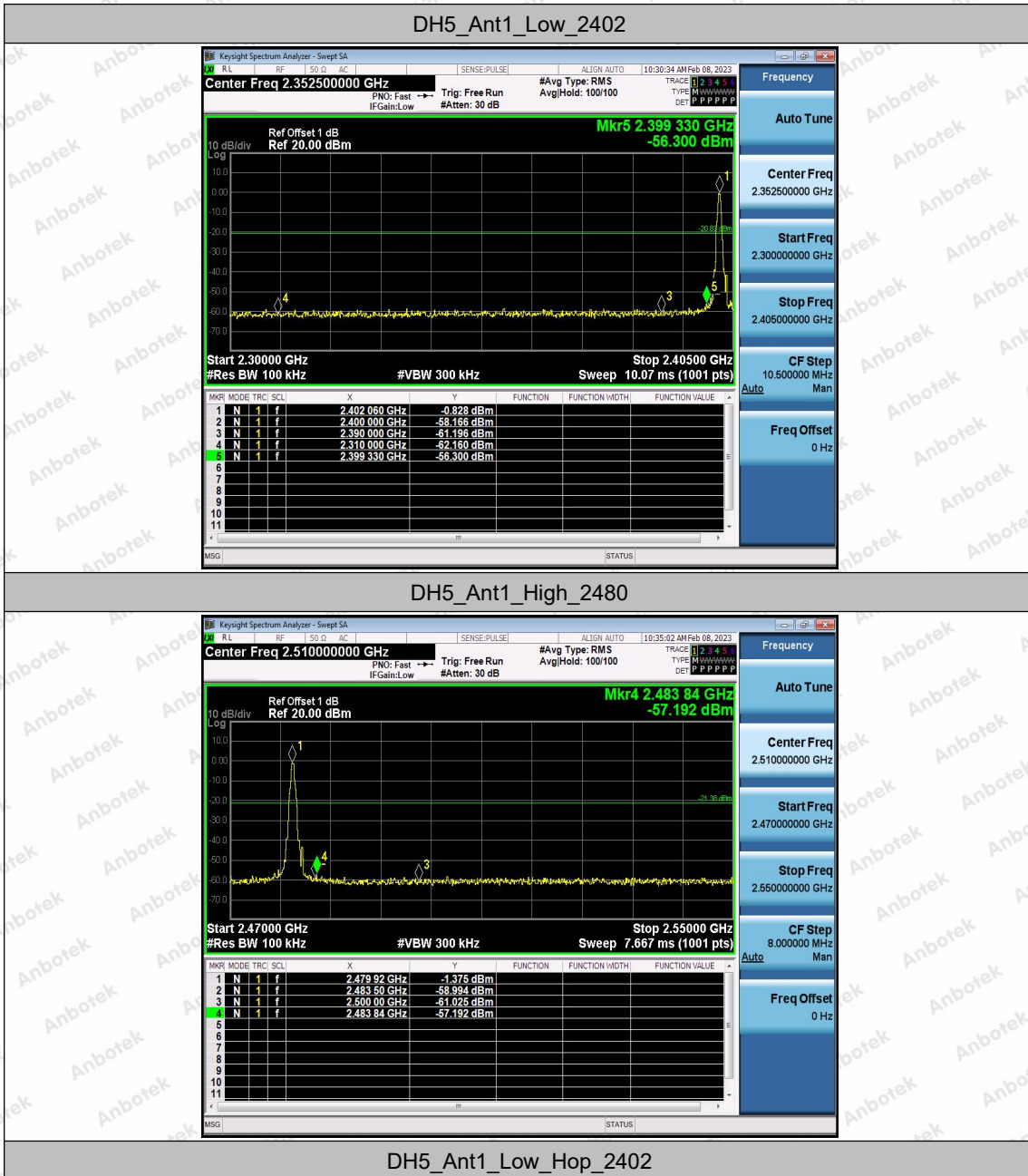
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs

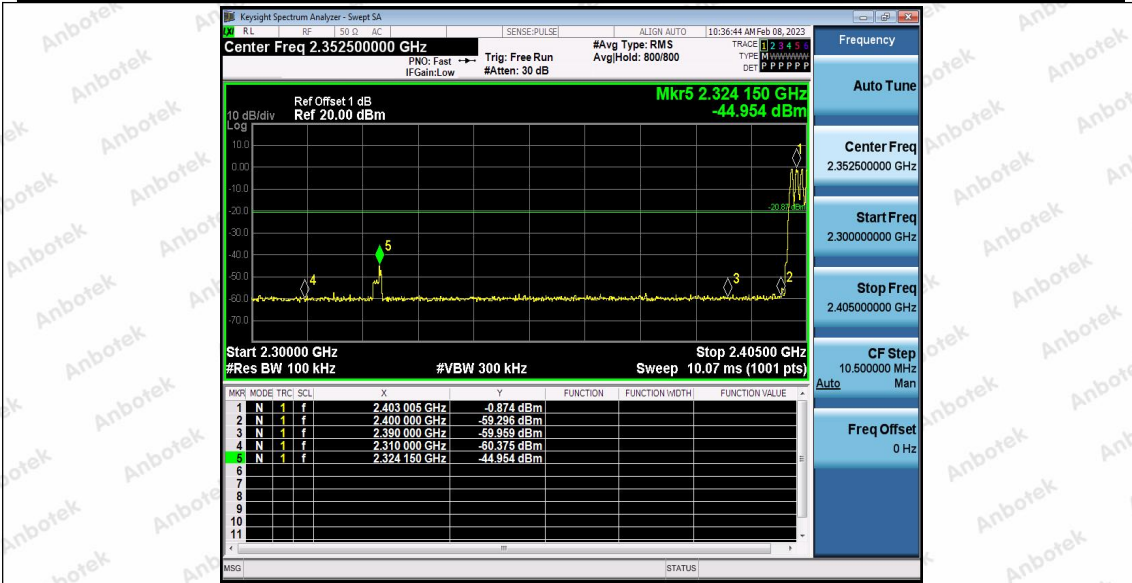


Shenzhen Anbotek Compliance Laboratory Limited

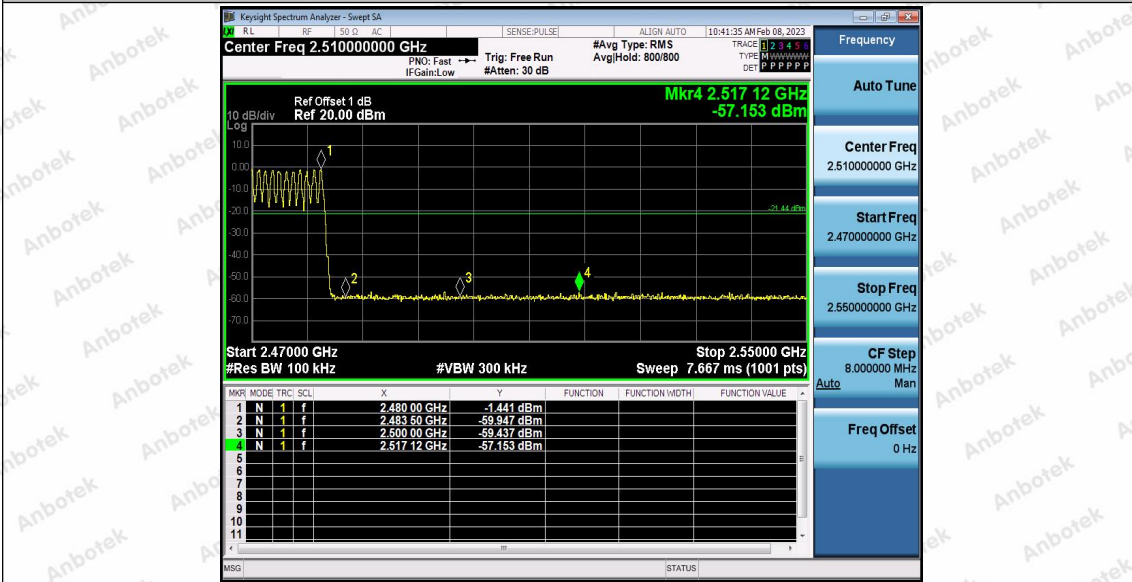
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn





DH5_Ant1_High_Hop_2480



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
 www.anbotek.com.cn



Appendix H: Conducted Spurious Emission

Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| DH5 | Ant1 | 2402 | Reference | -1.27 | -1.27 | --- | PASS |
| | | | 30~1000 | -1.27 | -68.71 | ≤-21.27 | PASS |
| | | | 1000~26500 | -1.27 | -53.46 | ≤-21.27 | PASS |
| | | 2441 | Reference | -1.27 | -1.27 | --- | PASS |
| | | | 30~1000 | -1.27 | -68.14 | ≤-21.27 | PASS |
| | | | 1000~26500 | -1.27 | -53 | ≤-21.27 | PASS |
| | | 2480 | Reference | -1.89 | -1.89 | --- | PASS |
| | | | 30~1000 | -1.89 | -68.59 | ≤-21.89 | PASS |
| | | | 1000~26500 | -1.89 | -53.23 | ≤-21.89 | PASS |

Shenzhen Anbotek Compliance Laboratory Limited

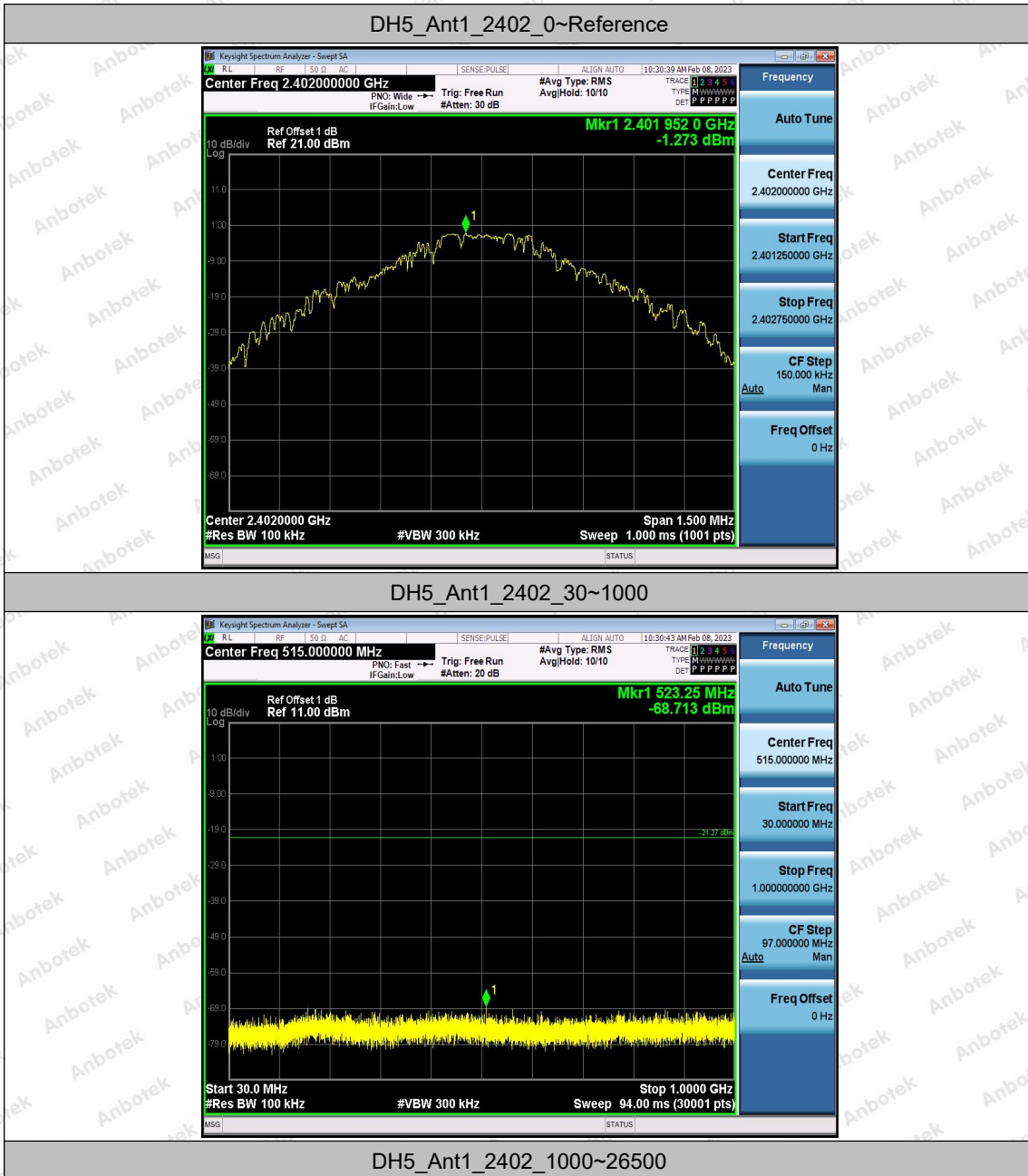
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs

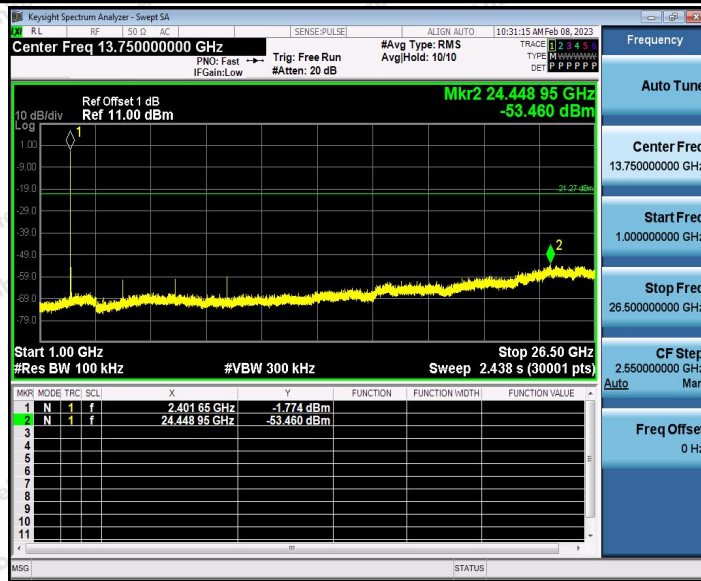


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn

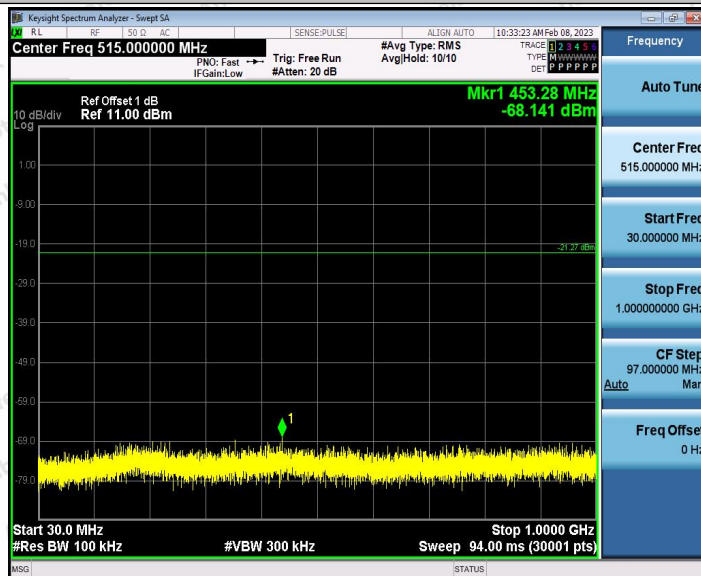




DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

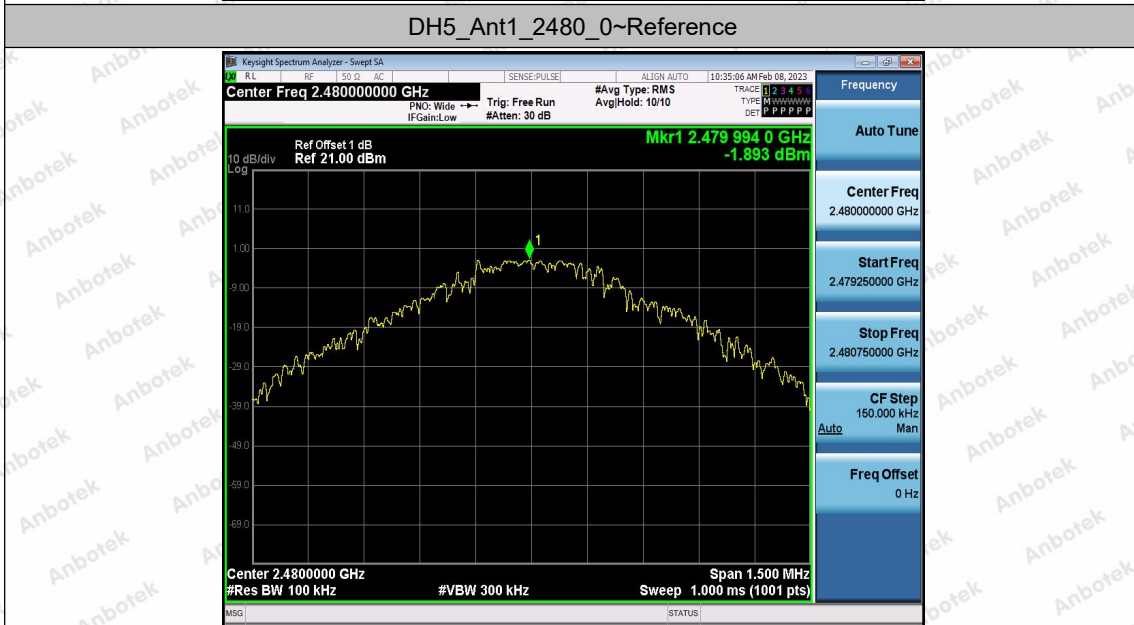
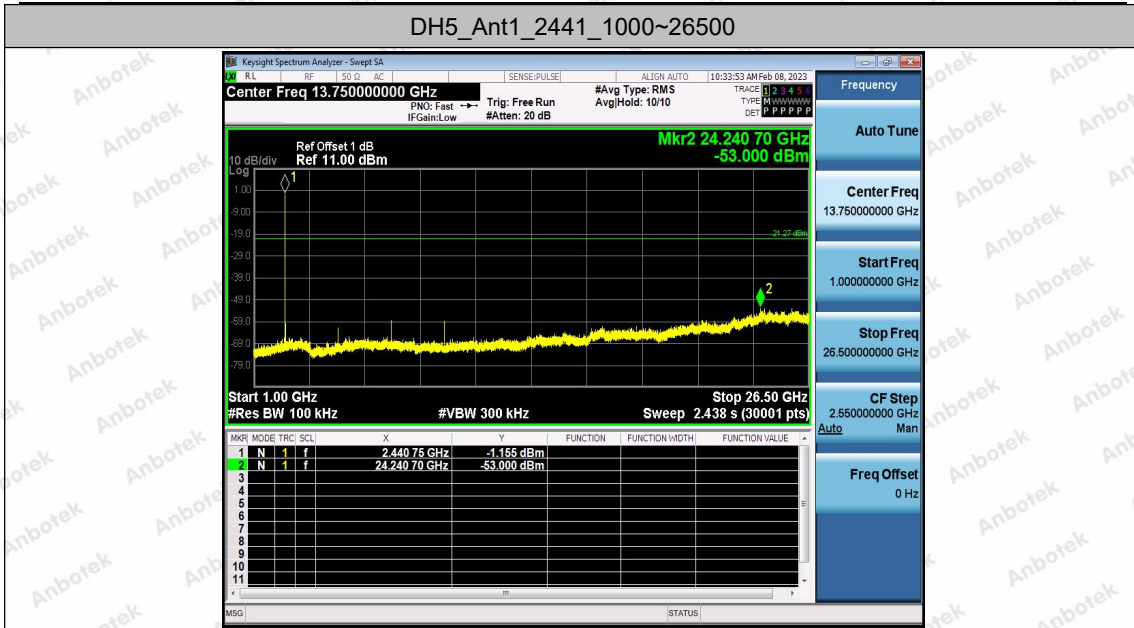


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
www.anbotek.com.cn





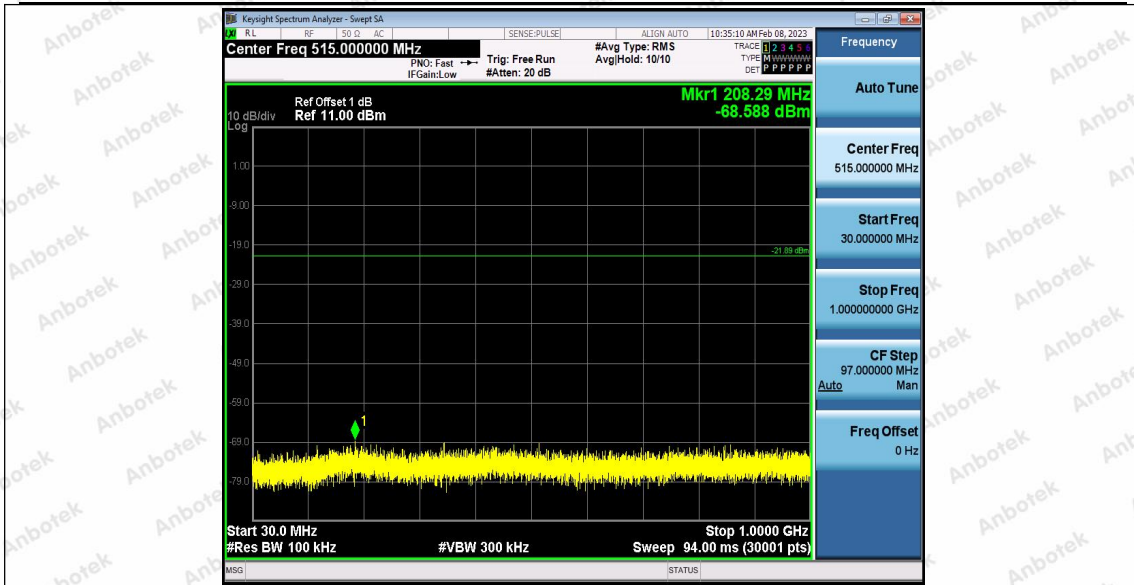
DH5_Ant1_2480_30~1000

Shenzhen Anbotek Compliance Laboratory Limited

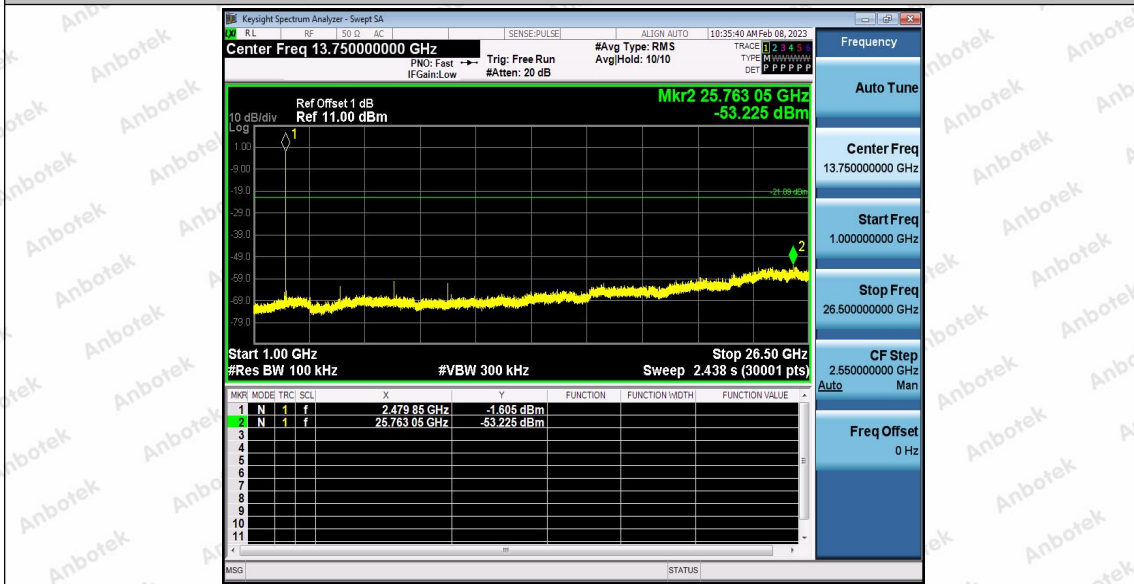
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn





DH5_Ant1_2480_1000~26500



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
400-003-0500
www.anbotek.com.cn



Appendix I: Duty Cycle

Test Result

| Test Mode | Antenna | Frequency[MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|-----------|---------|----------------|--------------|-------------|----------------|-----------------------|
| DH5 | Ant1 | 2402 | 2.78 | 3.57 | 77.87 | 1.09 |
| | | 2441 | 2.79 | 3.57 | 78.15 | 1.07 |
| | | 2480 | 2.79 | 3.57 | 78.15 | 1.07 |

Shenzhen Anbotek Compliance Laboratory Limited

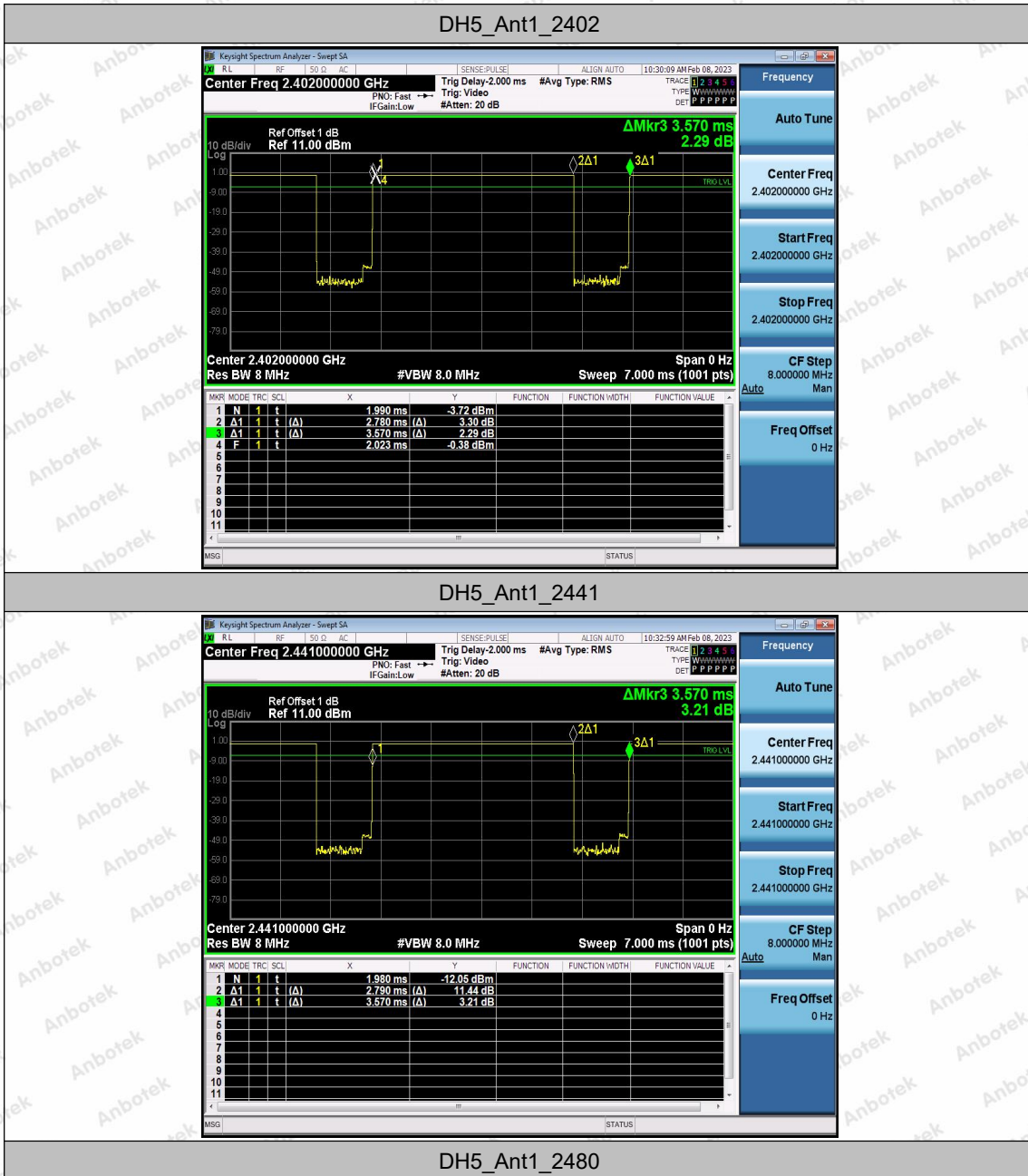
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com.cn



Test Graphs

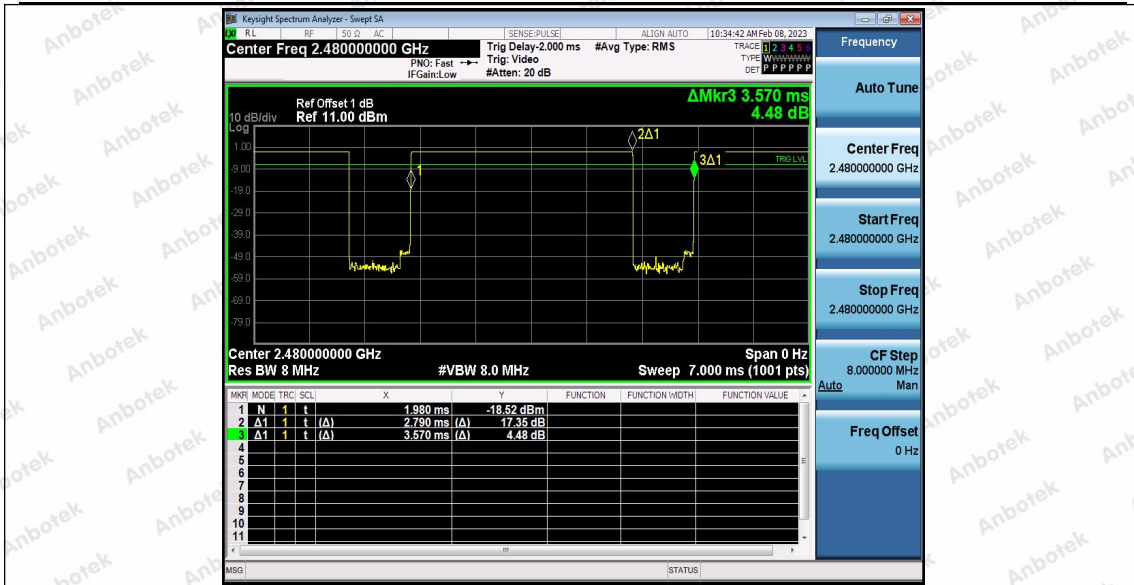


Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline
 400-003-0500
www.anbotek.com.cn





---End---

