

## Appendix Test Data

Report No.:	18220WC40087201	Test Sample No.:	1-2-2
Start Test Date:	2024.05.08	Finish Test Date:	2024.05.09
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.5°C	Relative Humidity:	47%
Pressure:	101kPa		

## Appendix A: 20dB Bandwidth

## Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.270	2401.920	2404.190	---	---
2.4G	Ant1	2441	2.265	2439.900	2442.165	---	---
2.4G	Ant1	2479	2.265	2477.900	2480.165	---	---

## 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



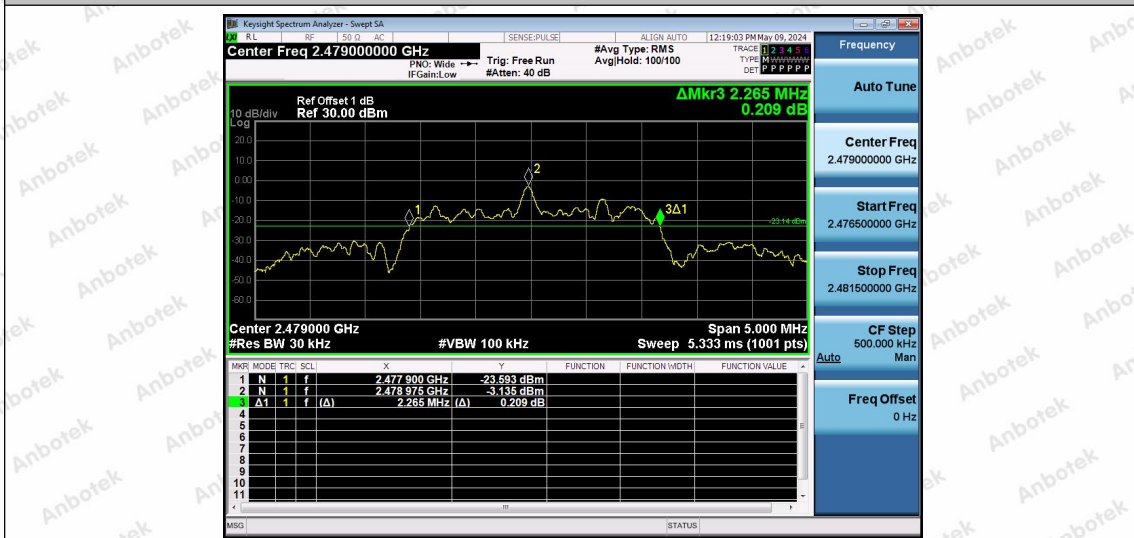
## Test Graphs



2.4G-Ant1-2403



2.4G-Ant1-2441



2.4G-Ant1-2479

### 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: 99% Occupied Bandwidth

### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.4160	2401.7960	2404.2120	---	---
2.4G	Ant1	2441	2.2929	2439.8788	2442.1717	---	---
2.4G	Ant1	2479	2.2689	2477.8882	2480.1571	---	---

#### 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

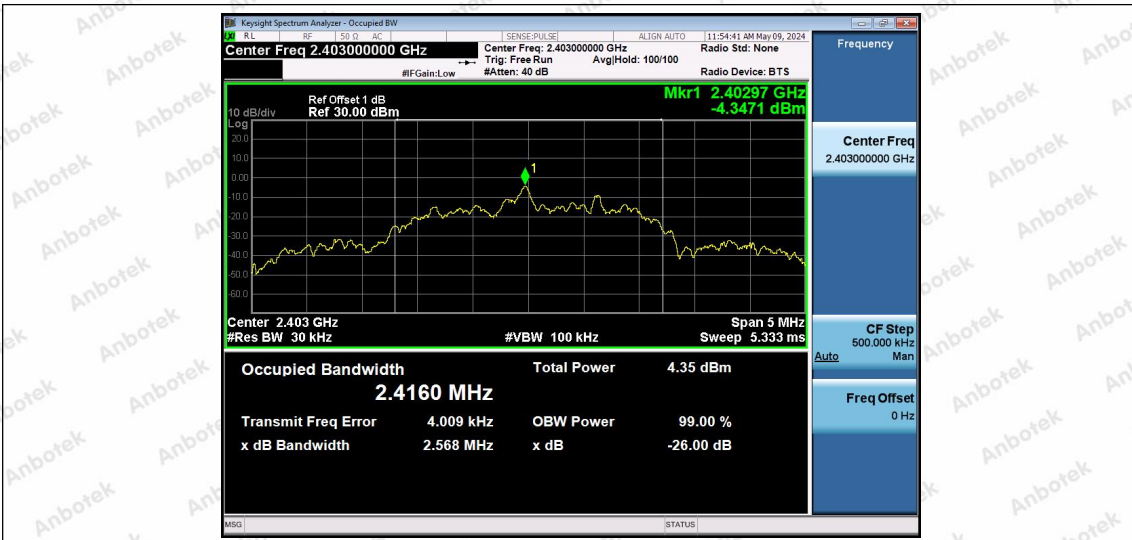


Hotline  
400-003-0500  
www.anbotek.com.cn





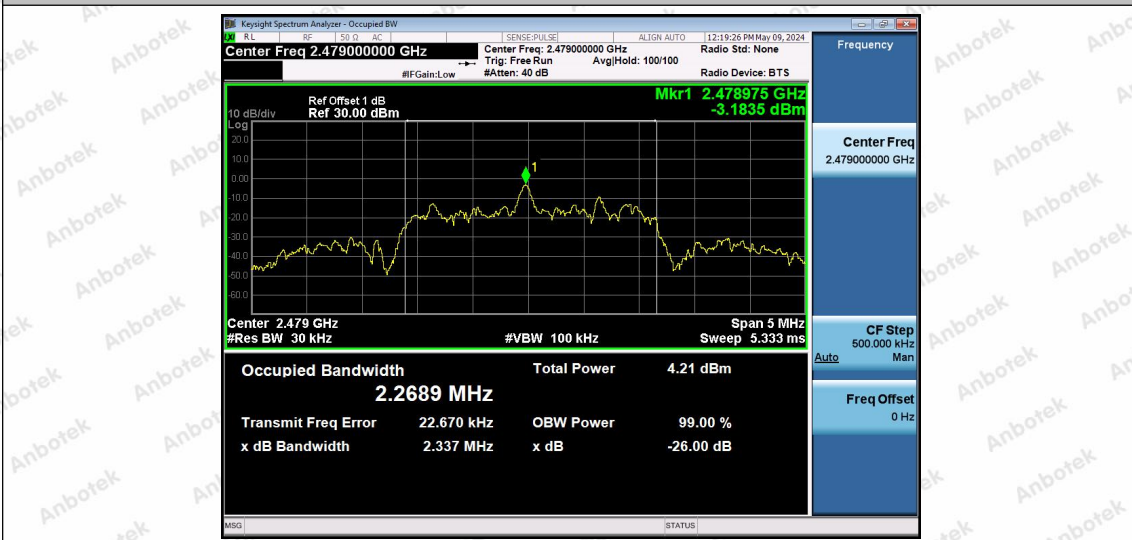
## Test Graphs



2.4G-Ant1-2403



2.4G-Ant1-2441



2.4G-Ant1-2479

### 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

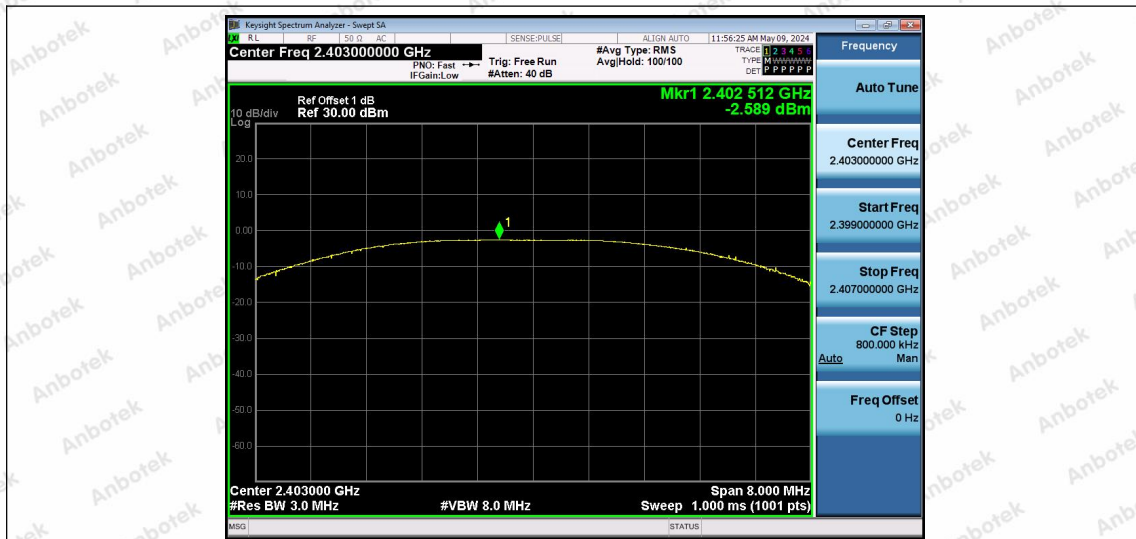


## Appendix C: Maximum Conducted Output Power

### Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	-2.59	≤20.97	PASS
2.4G	Ant1	2441	-2.70	≤20.97	PASS
2.4G	Ant1	2479	-2.60	≤20.97	PASS

### Test Graphs



2.4G-Ant1-2403-PASS



2.4G-Ant1-2441-PASS







## Appendix D: Carrier frequency separation

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.00	≥1.513	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

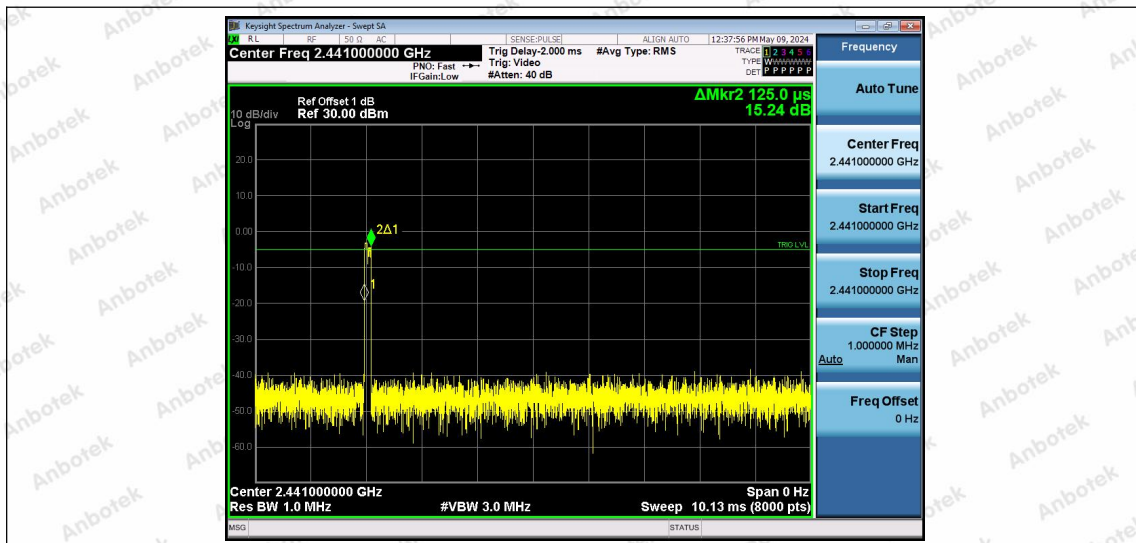


## Appendix E: Dwell Time

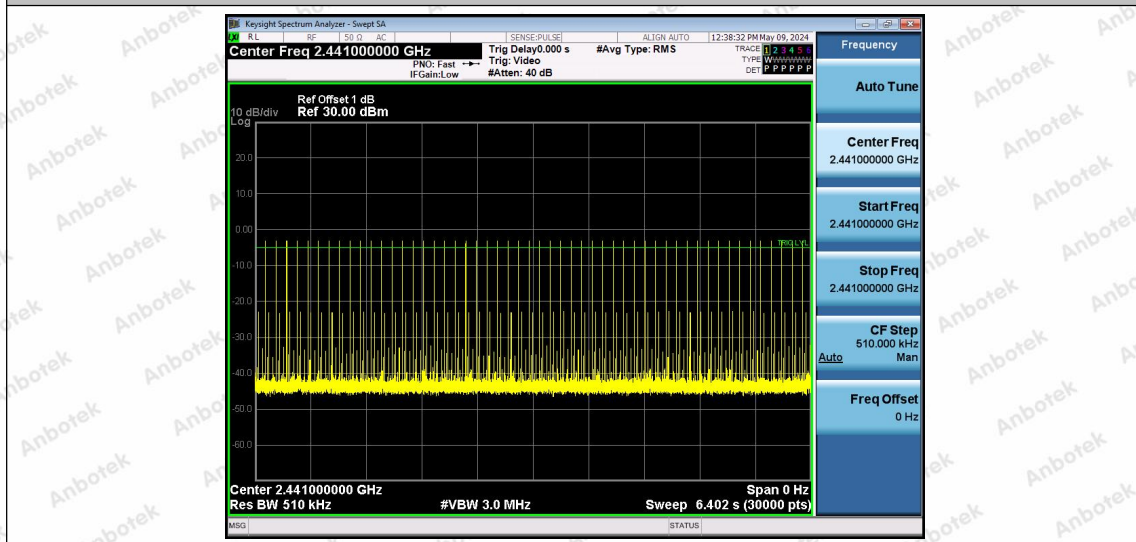
### Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
2.4G	Ant1	Hop	0.125	52	0.007	≤0.4	PASS

### Test Graphs



2.4G-Ant1-Hop-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



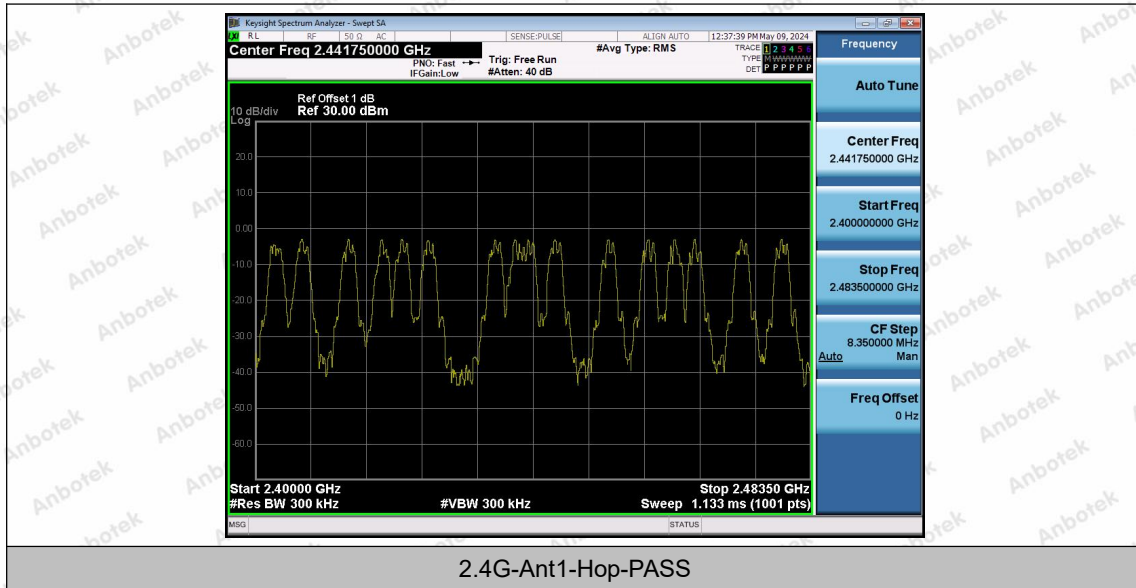


## Appendix F: Number of Hopping Channel

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
2.4G	Ant1	Hop	16	≥15	PASS

### Test Graphs

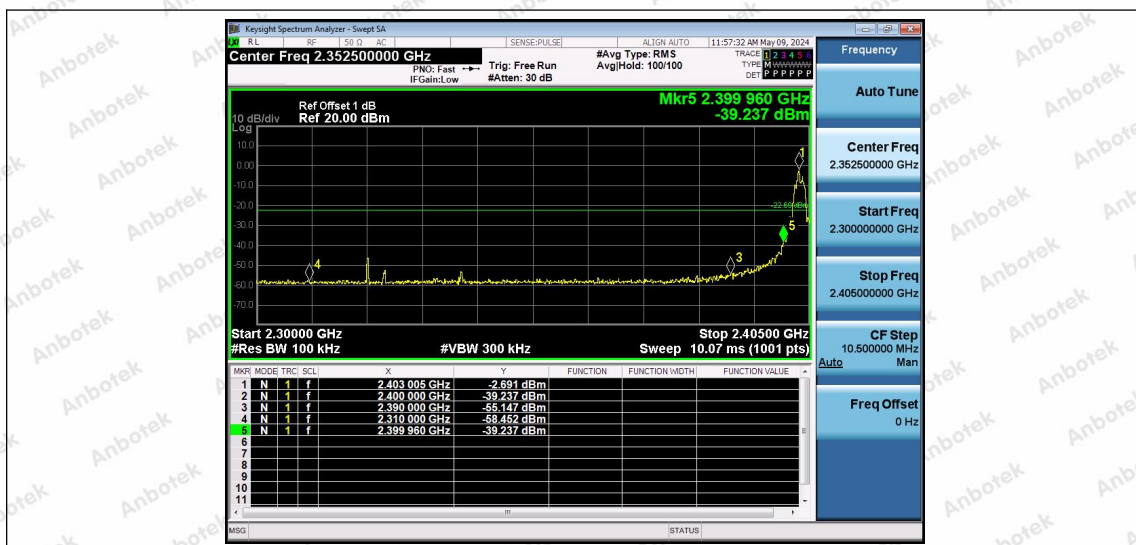


## Appendix G: Conducted Band edge

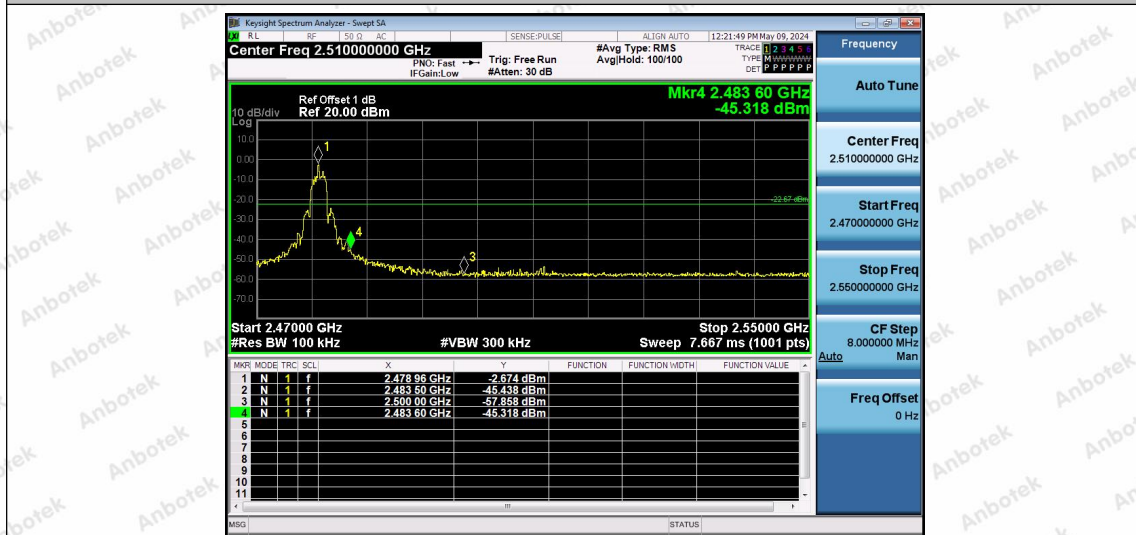
### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	-2.69	-39.24	≤-22.69	PASS
2.4G	Ant1	High	2479	-2.67	-45.32	≤-22.67	PASS
2.4G	Ant1	Low	Hop_2403	-4.56	-41.43	≤-24.56	PASS
2.4G	Ant1	High	Hop_2479	-2.69	-46.69	≤-22.69	PASS

### Test Graphs



2.4G-Ant1-2403-PASS



2.4G-Ant1-2479-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





2.4G-Ant1-Hop\_2403-PASS



2.4G-Ant1-Hop\_2479-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





## Appendix H: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	-2.85	-2.85	---	PASS
2.4G	Ant1	2403	30~1000	-2.85	-68.27	≤-22.85	PASS
2.4G	Ant1	2403	1000~26500	-2.85	-49.61	≤-22.85	PASS
2.4G	Ant1	2441	0~Reference	-3.04	-3.04	---	PASS
2.4G	Ant1	2441	30~1000	-3.04	-67.4	≤-23.04	PASS
2.4G	Ant1	2441	1000~26500	-3.04	-46.99	≤-23.04	PASS
2.4G	Ant1	2479	0~Reference	-2.85	-2.85	---	PASS
2.4G	Ant1	2479	30~1000	-2.85	-67.94	≤-22.85	PASS
2.4G	Ant1	2479	1000~26500	-2.85	-53.58	≤-22.85	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



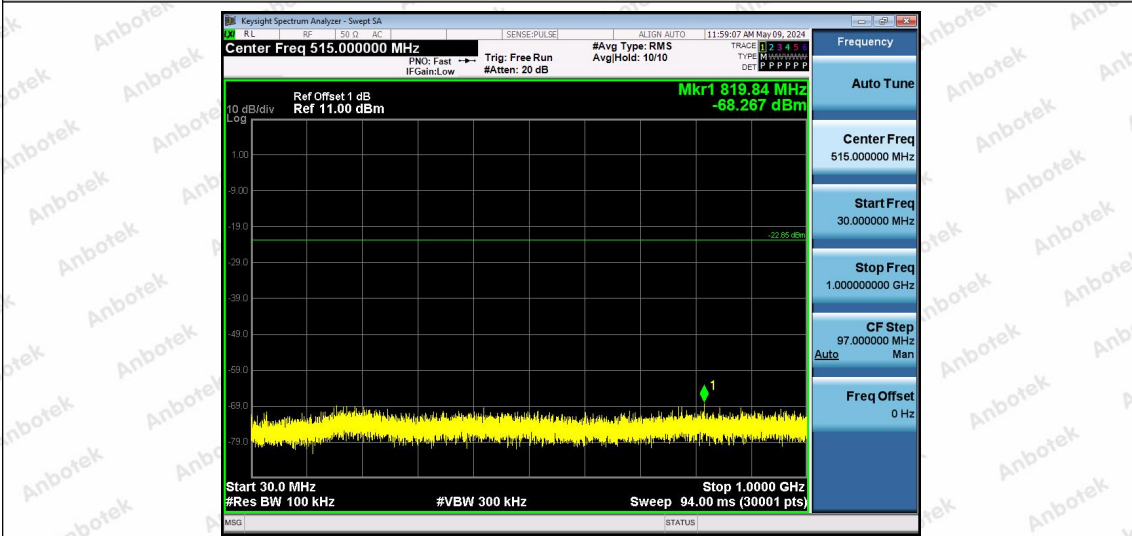
Hotline  
400-003-0500  
www.anbotek.com.cn



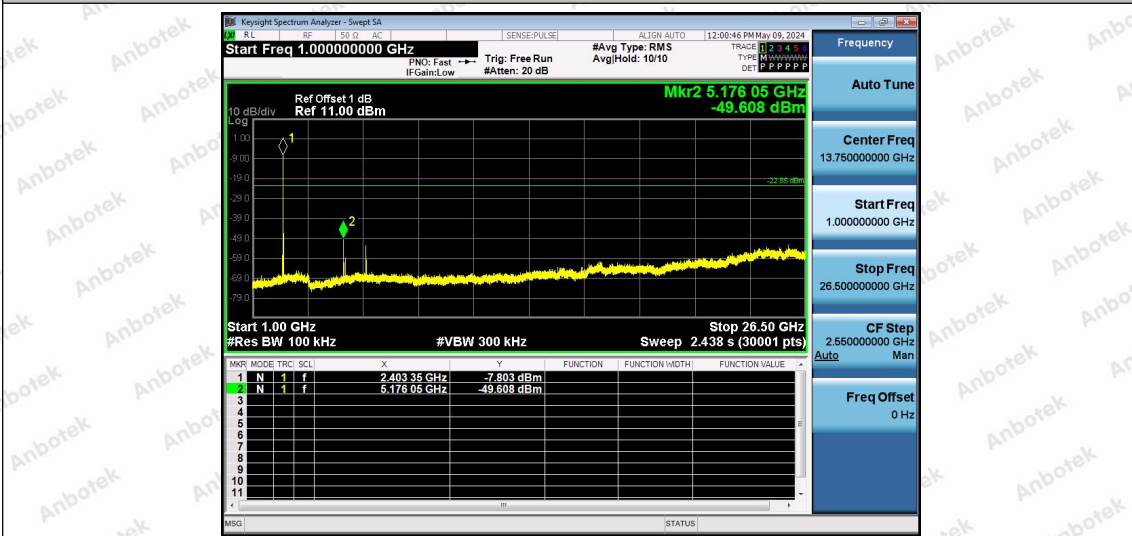
## Test Graphs



2.4G-Ant1-2403-0~Reference-PASS



2.4G-Ant1-2403-30~1000-PASS



2.4G-Ant1-2403-1000~26500-PASS

### Shenzhen Anbotek Compliance Laboratory Limited

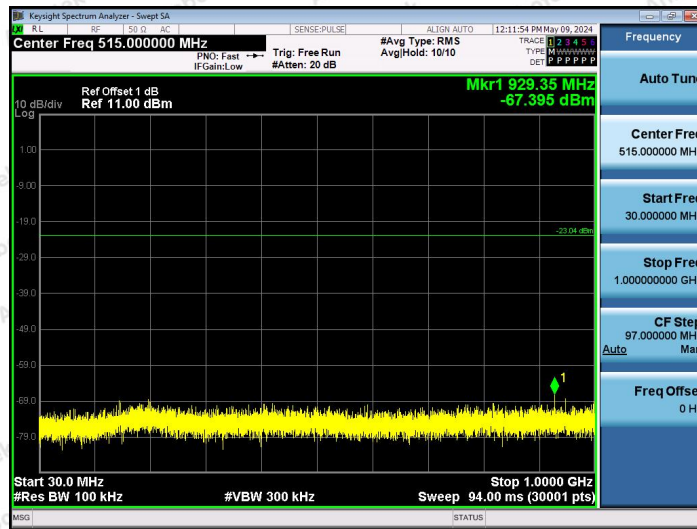
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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

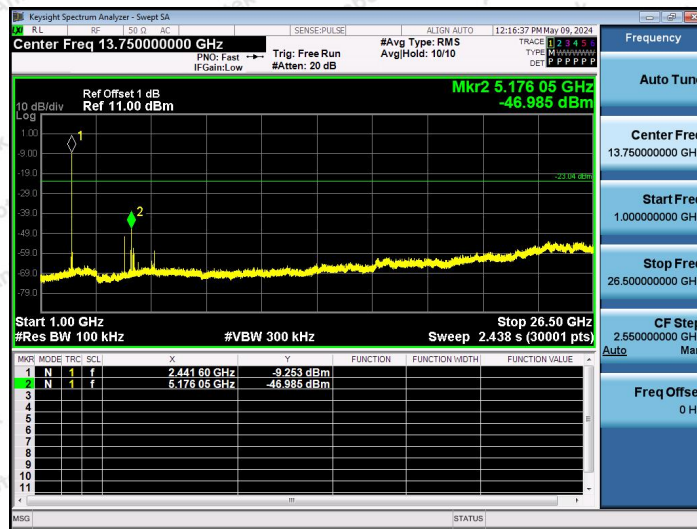




2.4G-Ant1-2441-0~Reference-PASS



2.4G-Ant1-2441-30~1000-PASS



2.4G-Ant1-2441-1000~26500-PASS

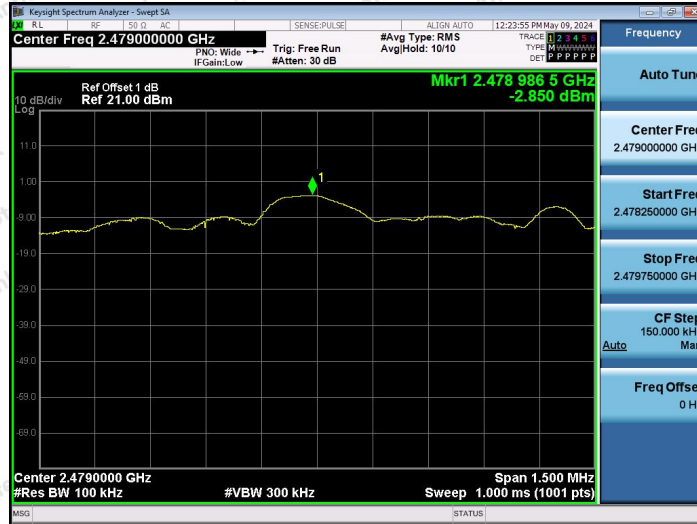
## Shenzhen Anbotek Compliance Laboratory Limited

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

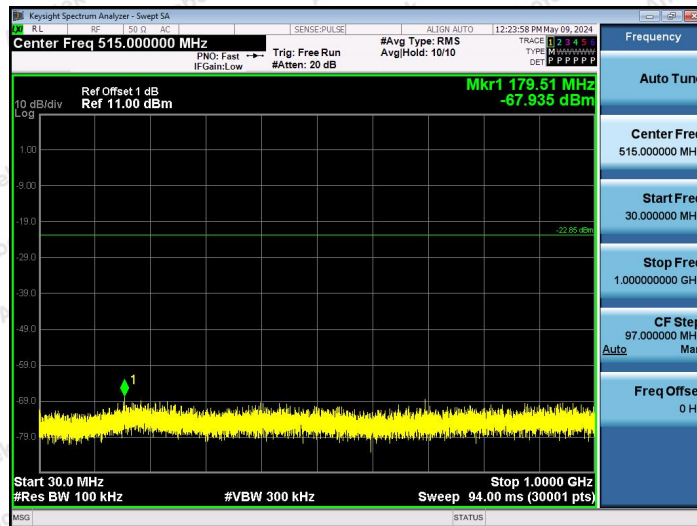
Hotline 400-003-0500  
www.anbotek.com.cn



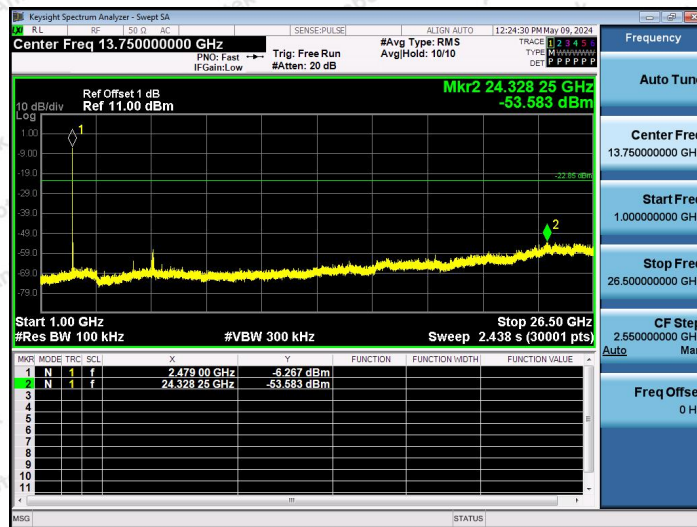




2.4G-Ant1-2479-0~Reference-PASS



2.4G-Ant1-2479-30~1000-PASS



2.4G-Ant1-2479-1000~26500-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



## Appendix I: Duty Cycle

### Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.13	7.52	1.73	17.62
2.4G	Ant1	2441	0.12	7.52	1.60	17.96
2.4G	Ant1	2479	0.12	7.52	1.60	17.96

#### Shenzhen Anbotek Compliance Laboratory Limited

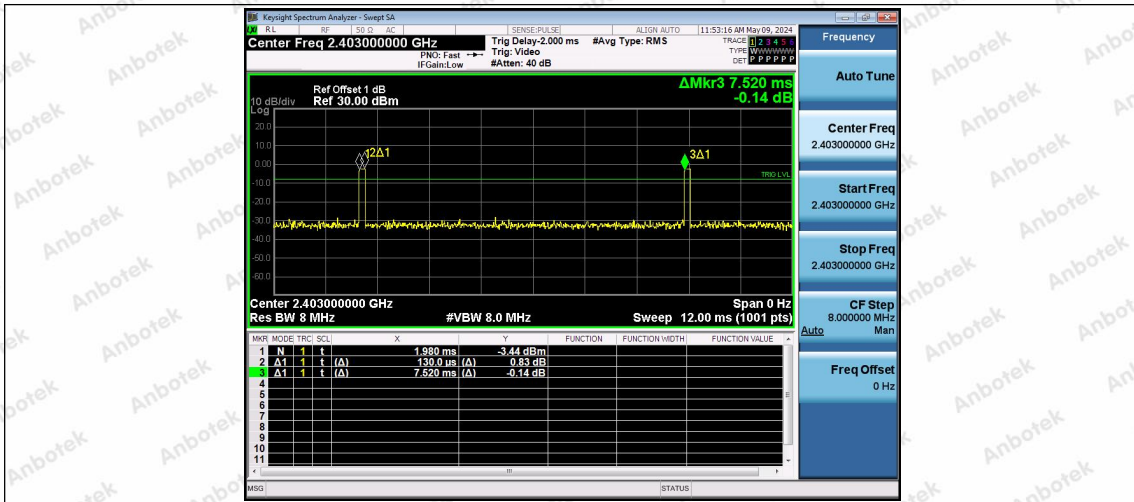
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



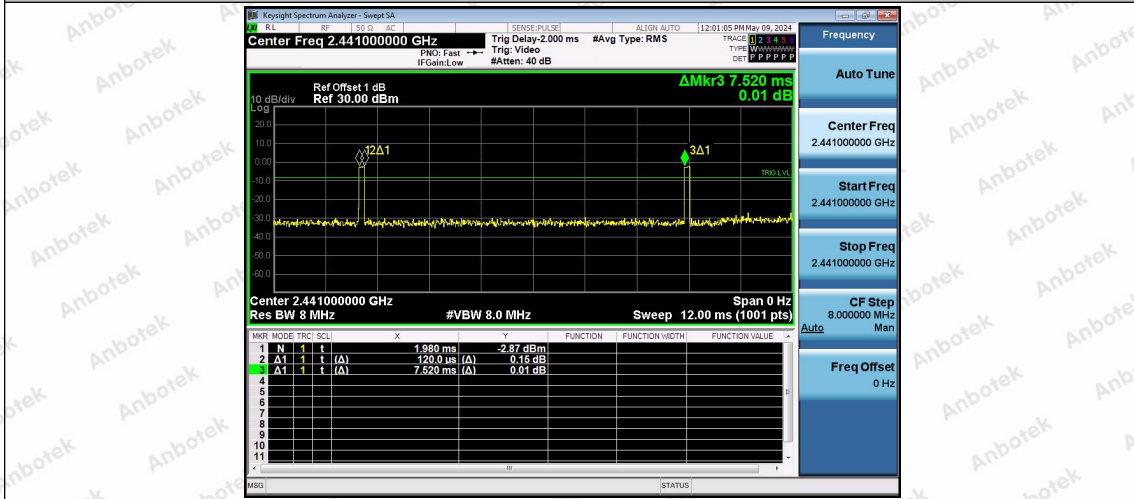
Hotline  
400-003-0500  
www.anbotek.com.cn



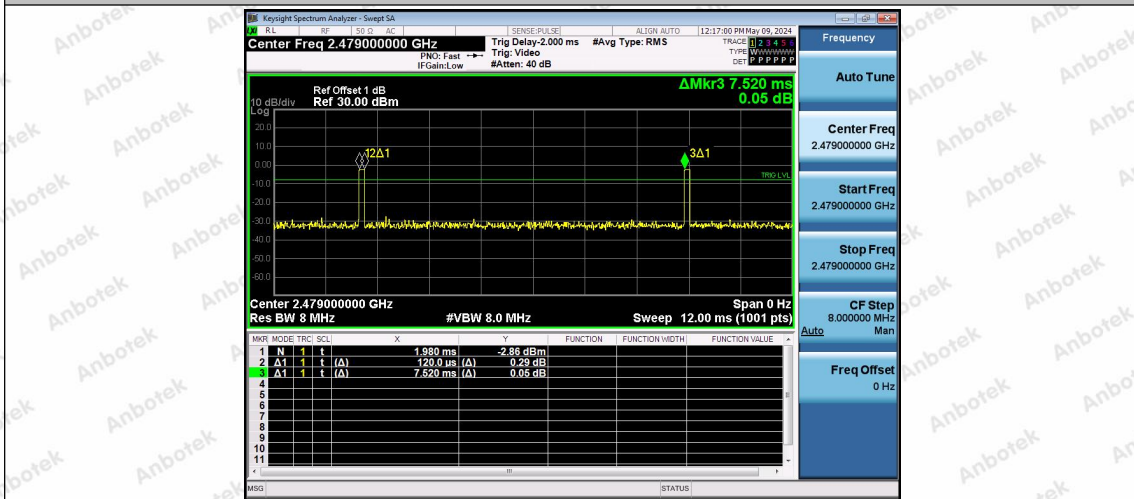
## Test Graphs



NTNV-2.4G-Ant1-2403



NTNV-2.4G-Ant1-2441



NTNV-2.4G-Ant1-2479

---End---

### 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

