

Appendix Test Data

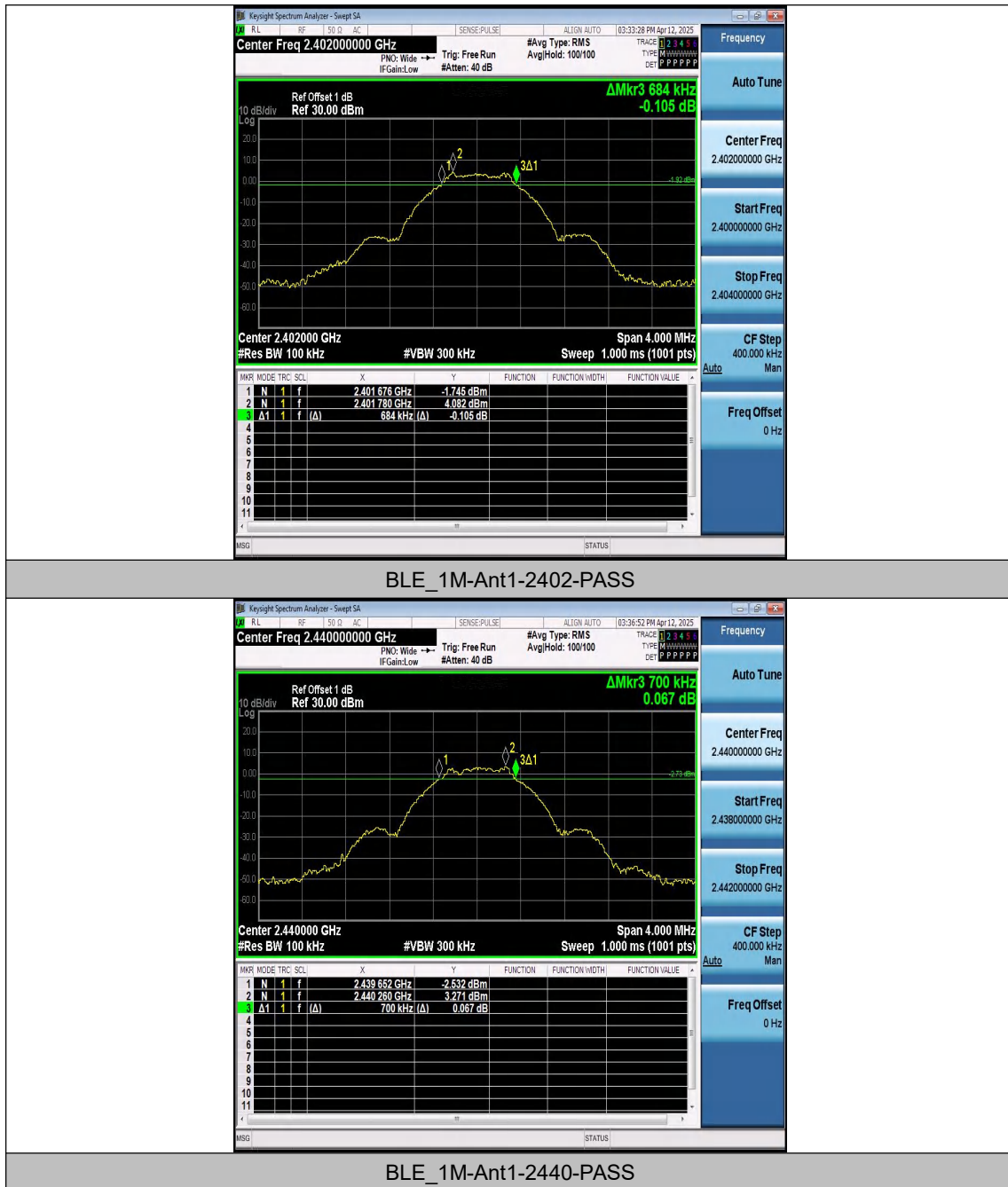
Report No.:	1819C50033712502	Test Sample No.:	1-2-2
Start Test Date:	2025.04.12	Finish Test Date:	2025.04.17
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	24.5℃	Relative Humidity:	63%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.684	2401.676	2402.360	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.652	2440.352	0.5	PASS
BLE_1M	Ant1	2480	0.692	2479.668	2480.360	0.5	PASS
BLE_2M	Ant1	2402	1.120	2401.440	2402.560	0.5	PASS
BLE_2M	Ant1	2440	1.112	2439.456	2440.568	0.5	PASS
BLE_2M	Ant1	2480	1.132	2479.444	2480.576	0.5	PASS

## Test Graphs





### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

## Appendix B: 99% Occupied Bandwidth

### Test Result

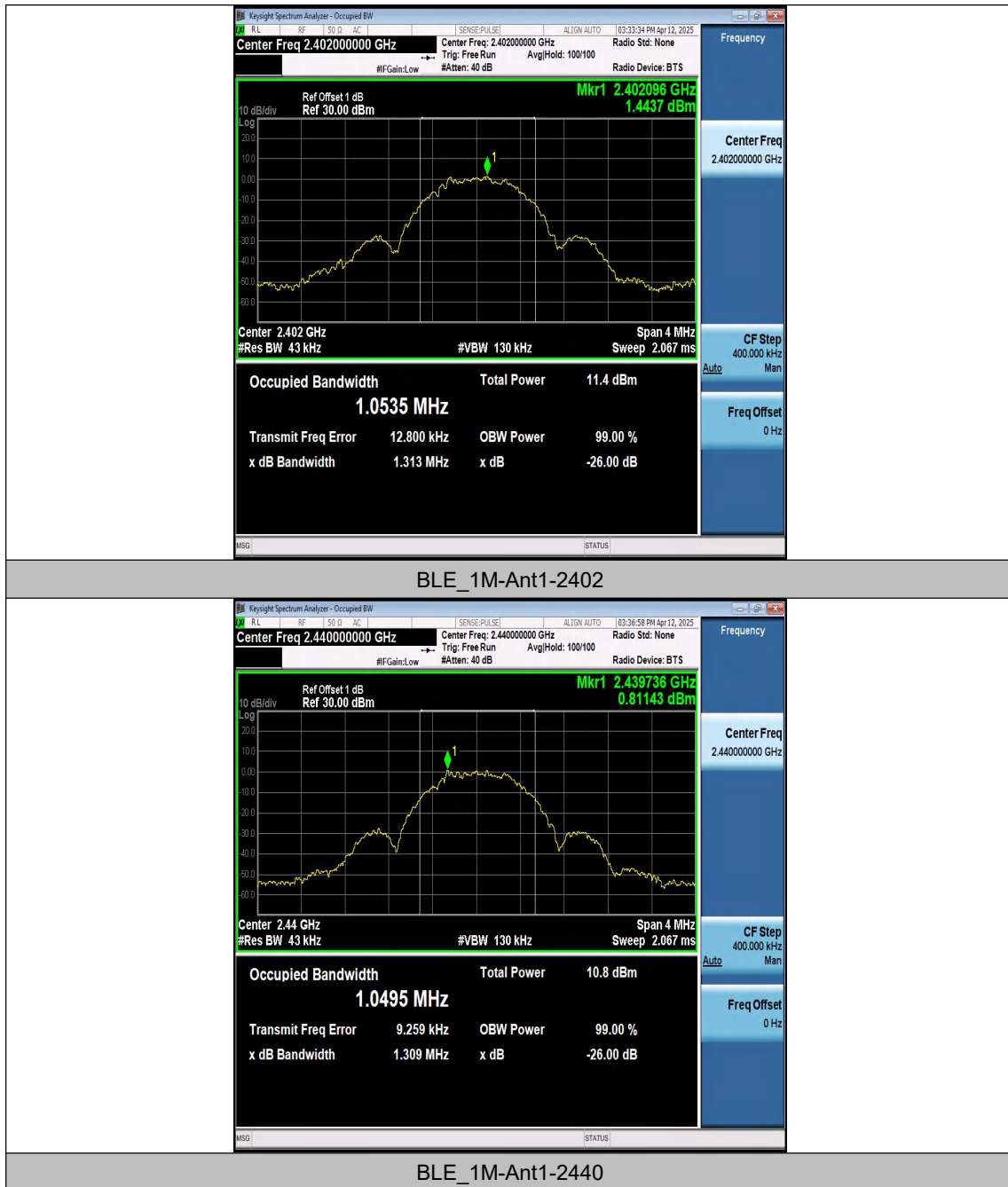
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0535	2401.4861	2402.5396	---	---
BLE_1M	Ant1	2440	1.0495	2439.4845	2440.5340	---	---
BLE_1M	Ant1	2480	1.0323	2479.4967	2480.5290	---	---
BLE_2M	Ant1	2402	1.9425	2401.0483	2402.9908	---	---
BLE_2M	Ant1	2440	1.9288	2439.0441	2440.9729	---	---
BLE_2M	Ant1	2480	1.9318	2479.0491	2480.9809	---	---

### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

## Test Graphs

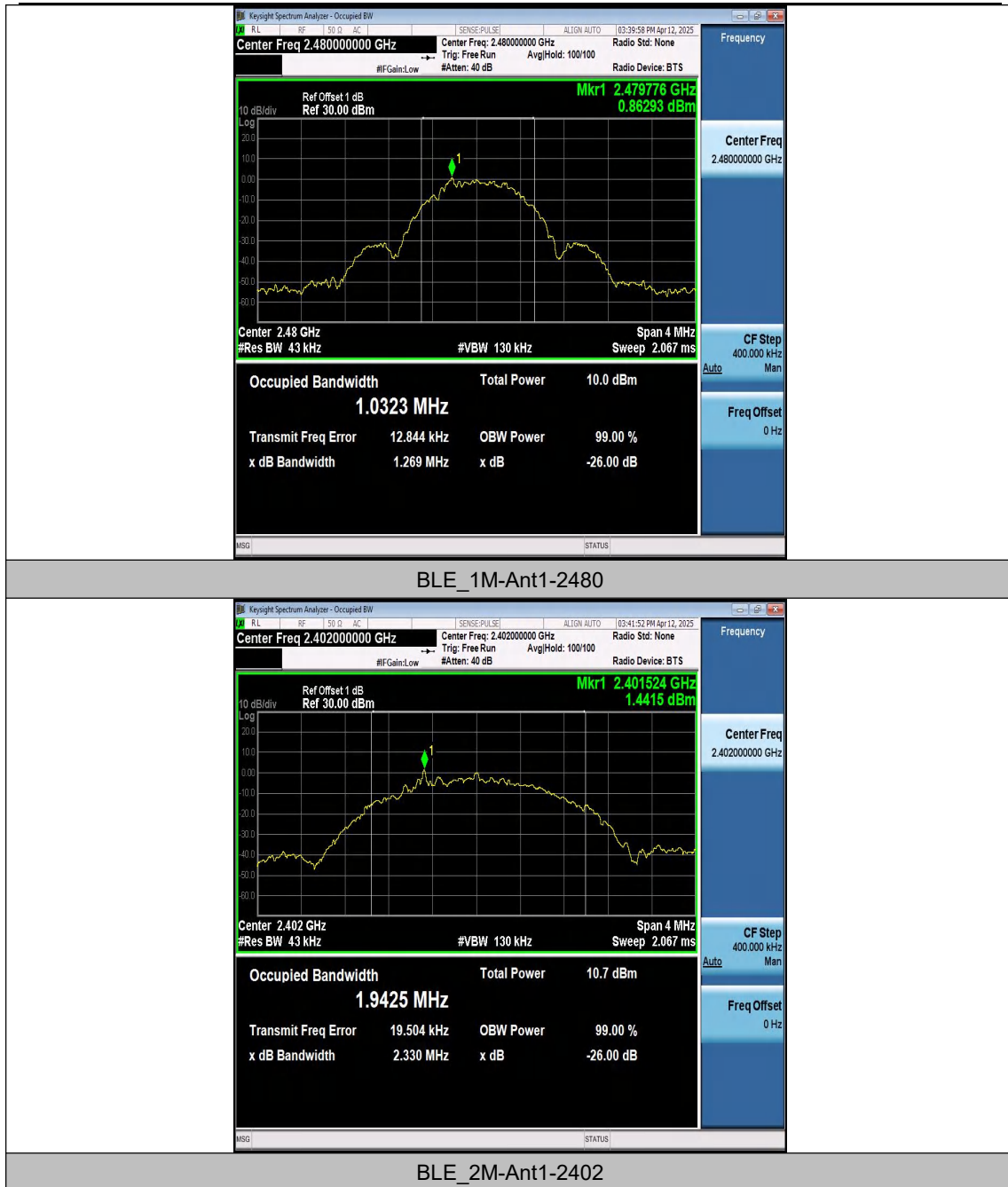


## Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

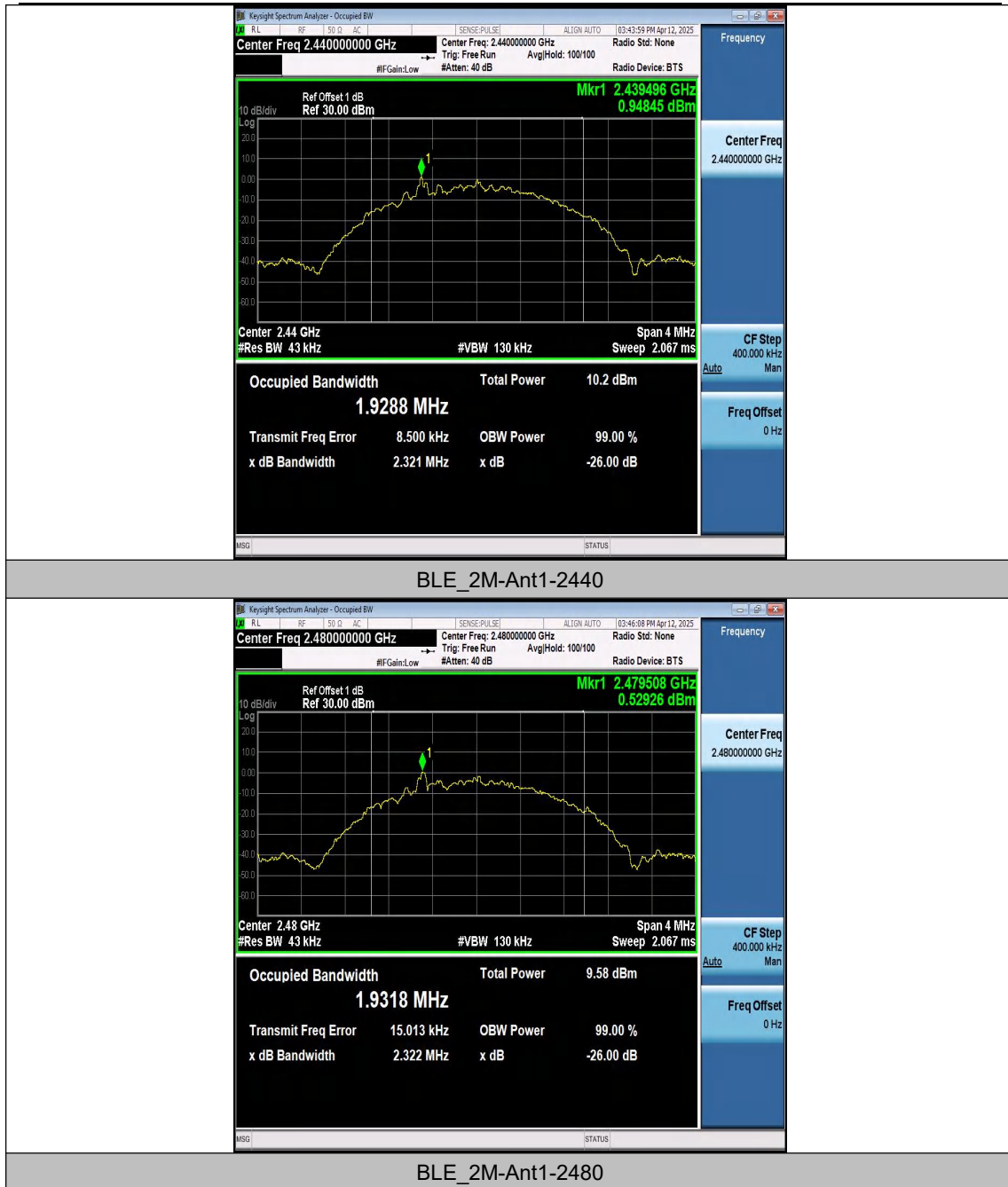




#### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



#### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

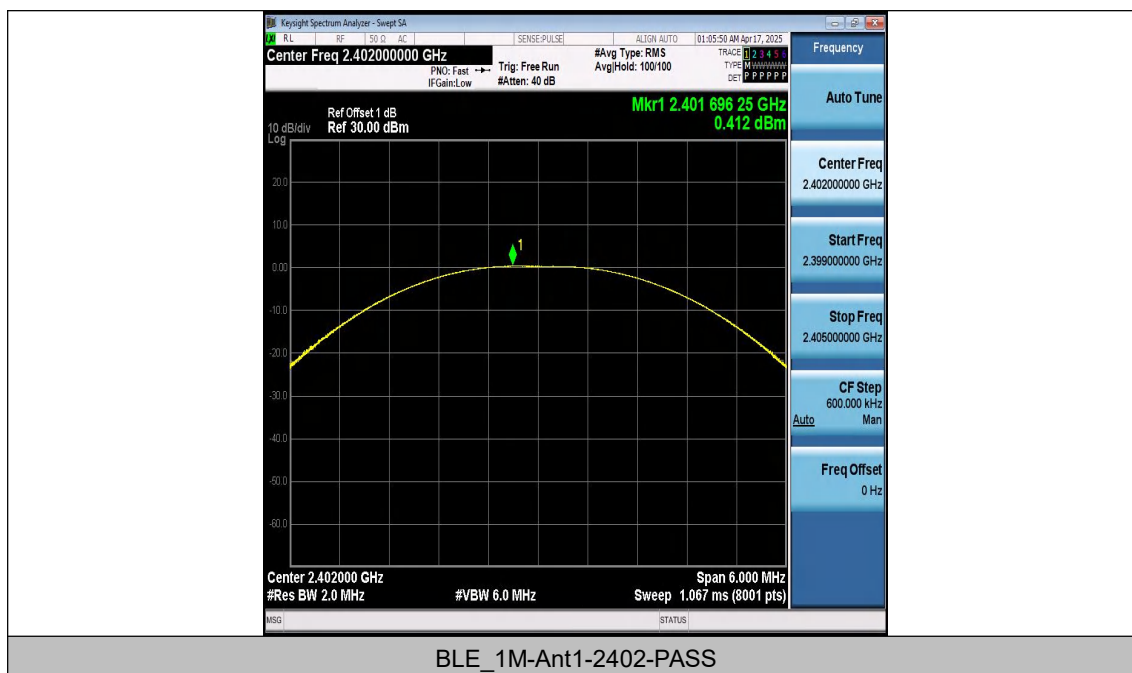


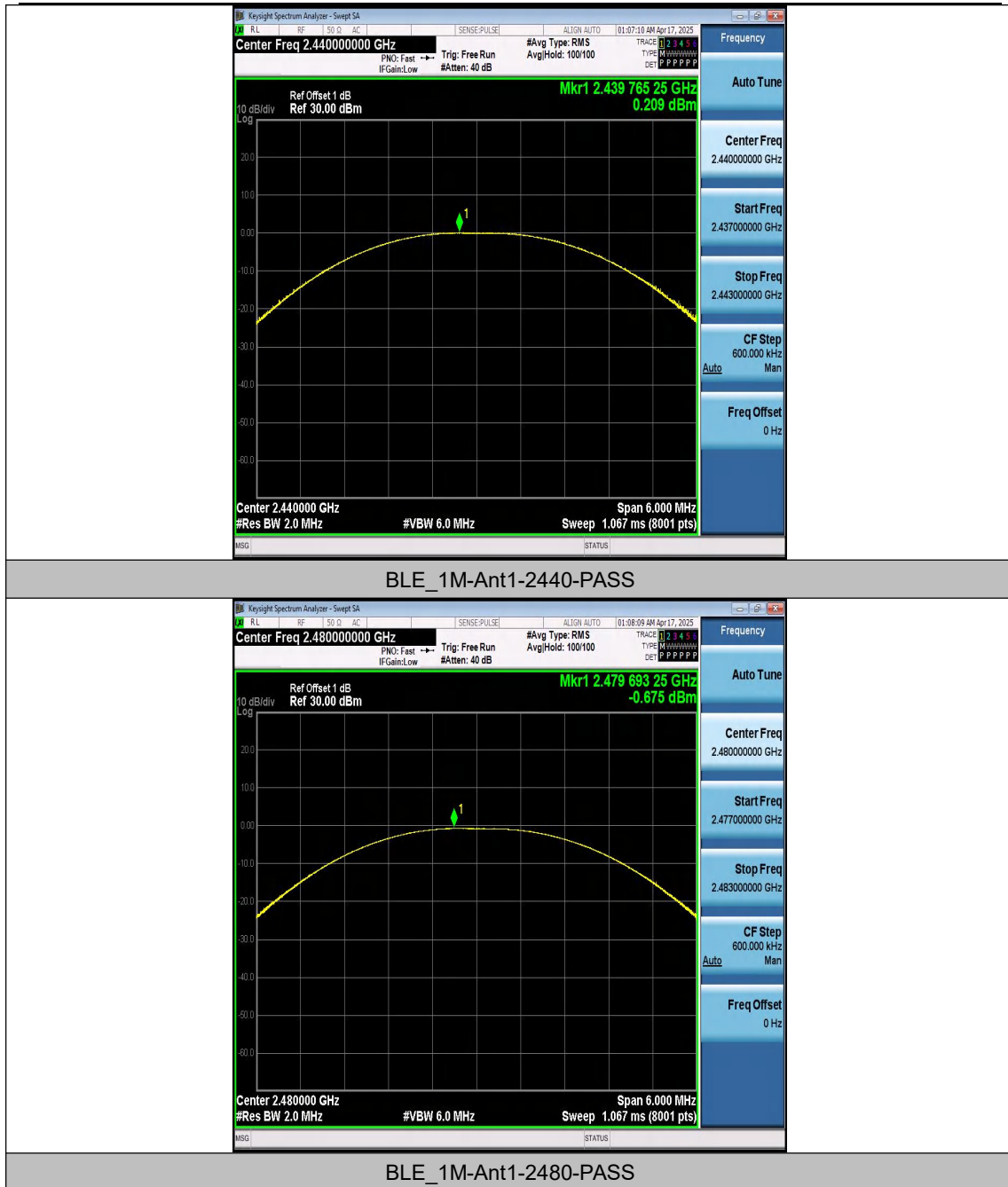
## Appendix C: Maximum conducted output power

### Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.41	≤30	PASS
BLE_1M	Ant1	2440	0.21	≤30	PASS
BLE_1M	Ant1	2480	-0.68	≤30	PASS
BLE_2M	Ant1	2402	0.38	≤30	PASS
BLE_2M	Ant1	2440	0.23	≤30	PASS
BLE_2M	Ant1	2480	-0.47	≤30	PASS

### Test Graphs Peak

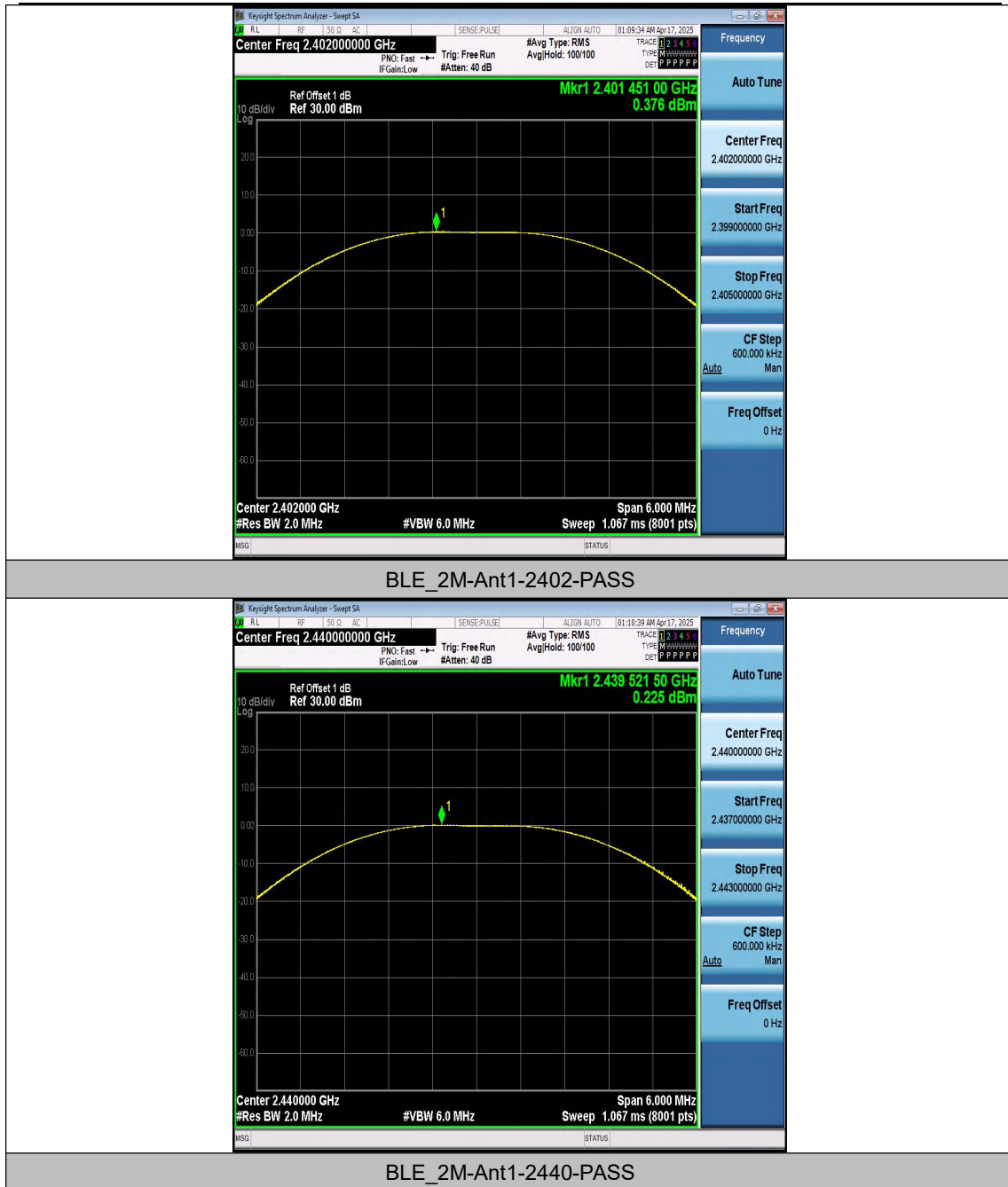




#### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

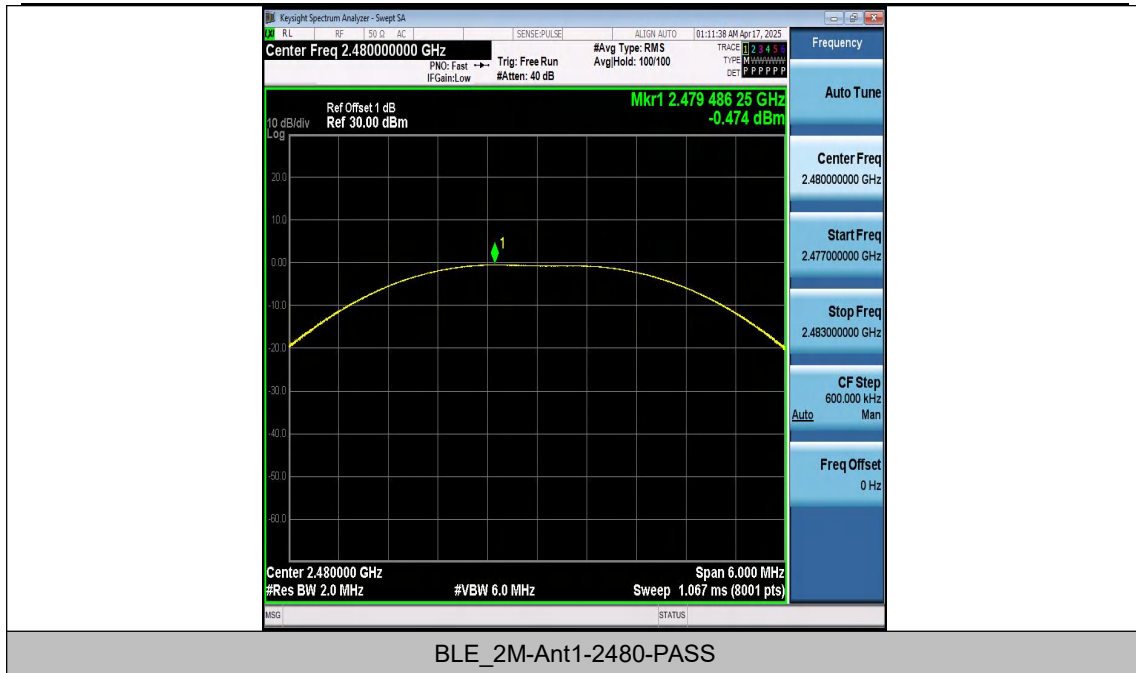
Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



#### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



#### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

---

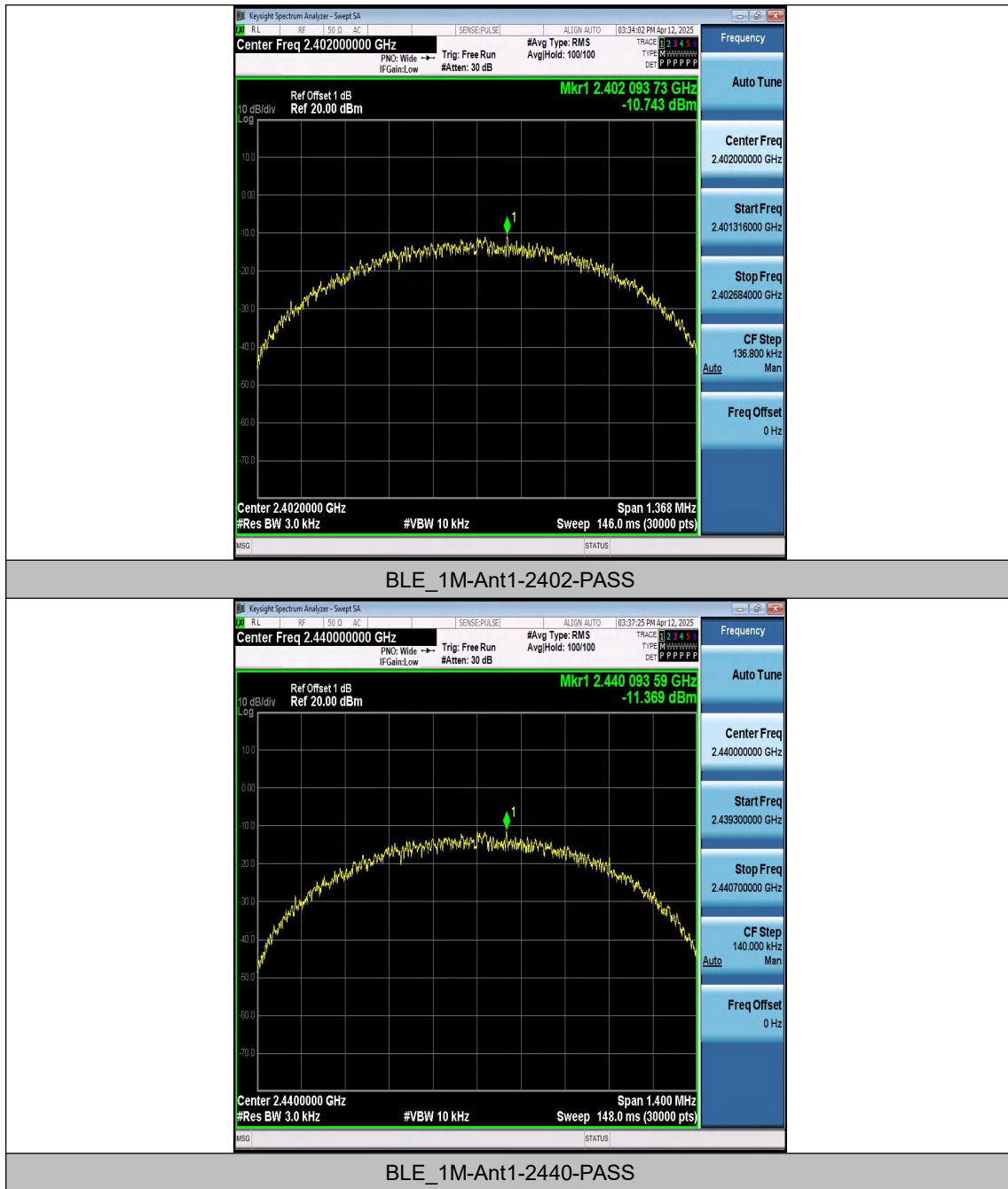
## Appendix D: Maximum power spectral density

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.74	≤8.00	PASS
BLE_1M	Ant1	2440	-11.37	≤8.00	PASS
BLE_1M	Ant1	2480	-12.11	≤8.00	PASS
BLE_2M	Ant1	2402	-13.91	≤8.00	PASS
BLE_2M	Ant1	2440	-14.52	≤8.00	PASS
BLE_2M	Ant1	2480	-15.19	≤8.00	PASS



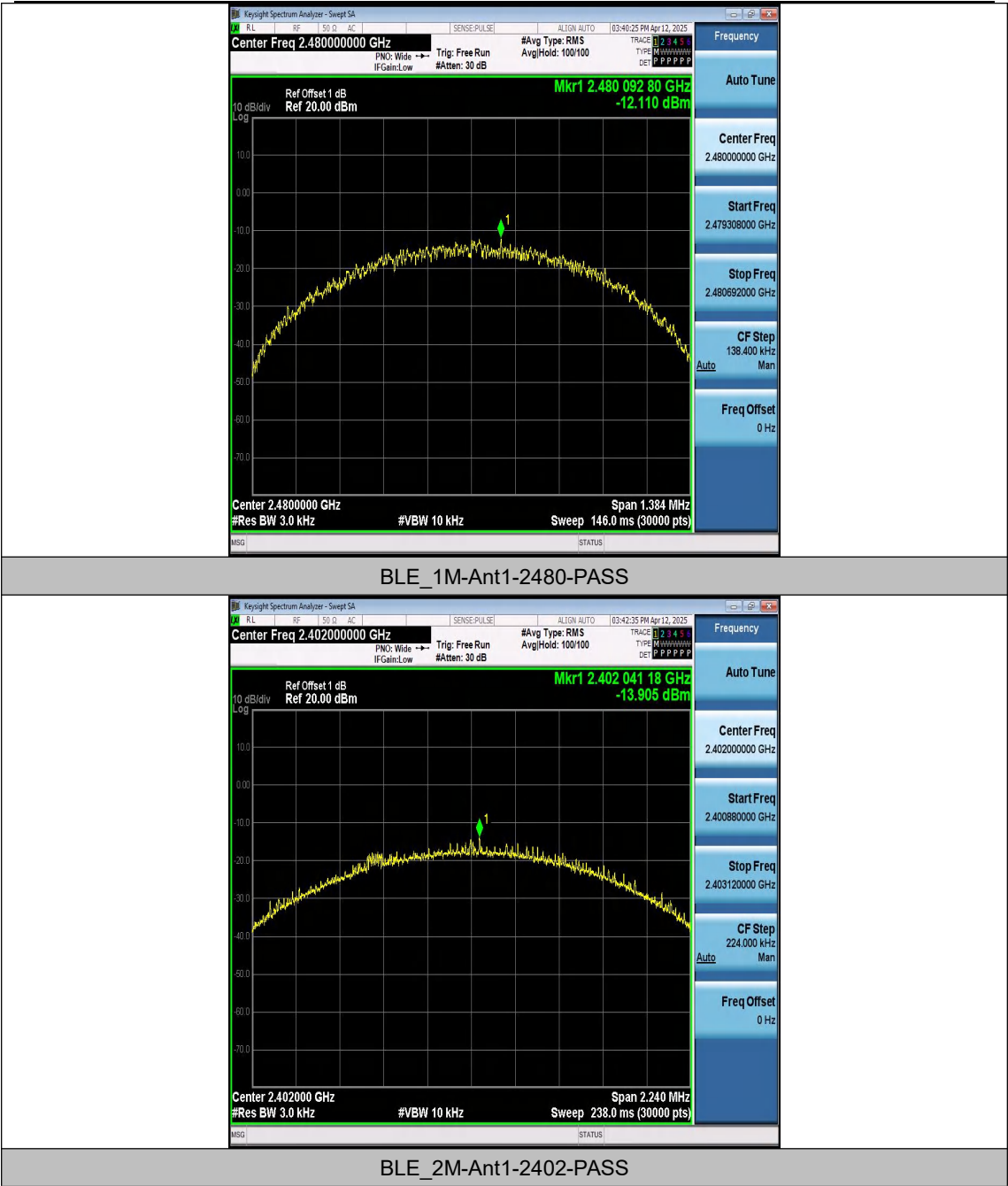
## Test Graphs

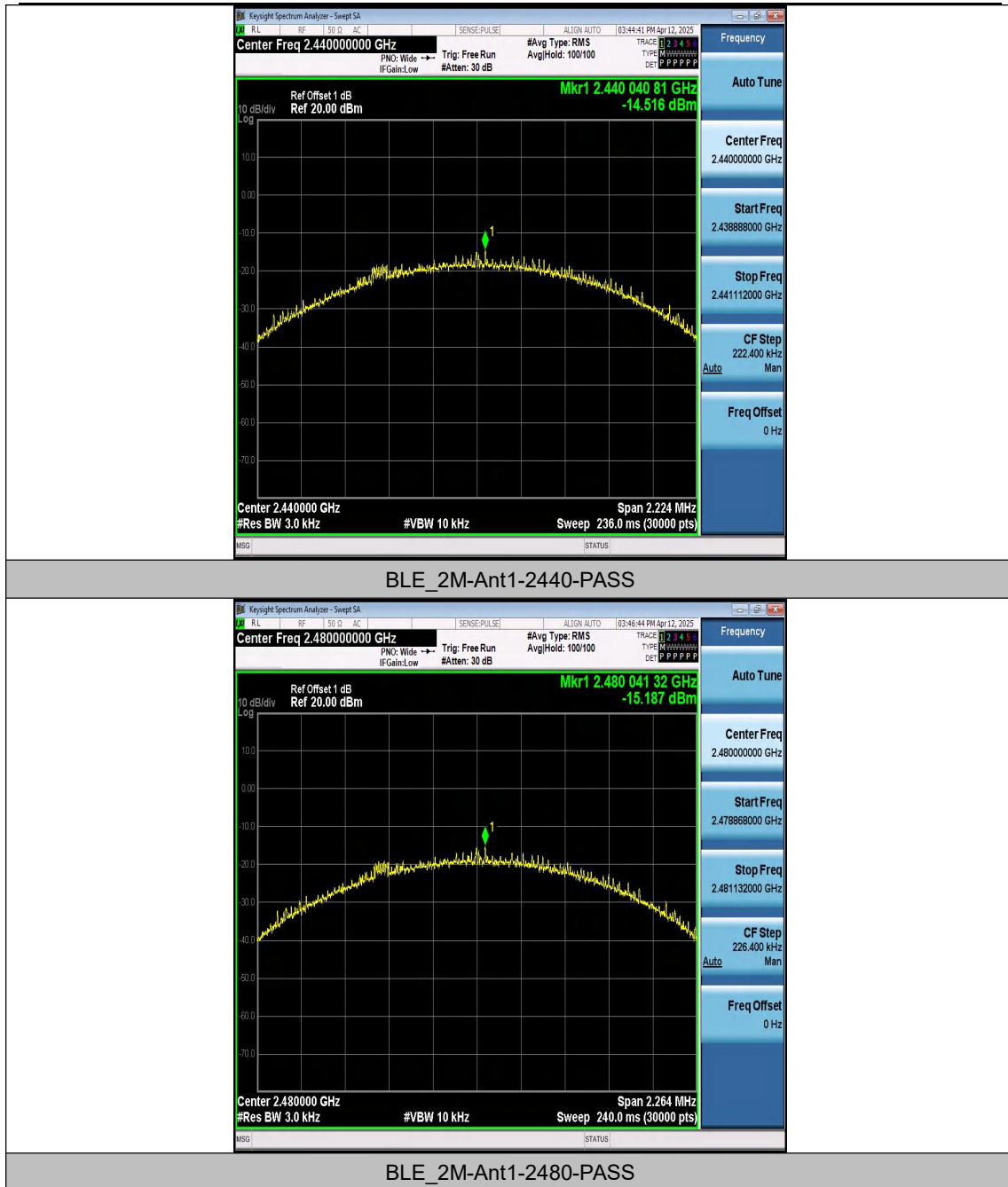


## Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)





### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

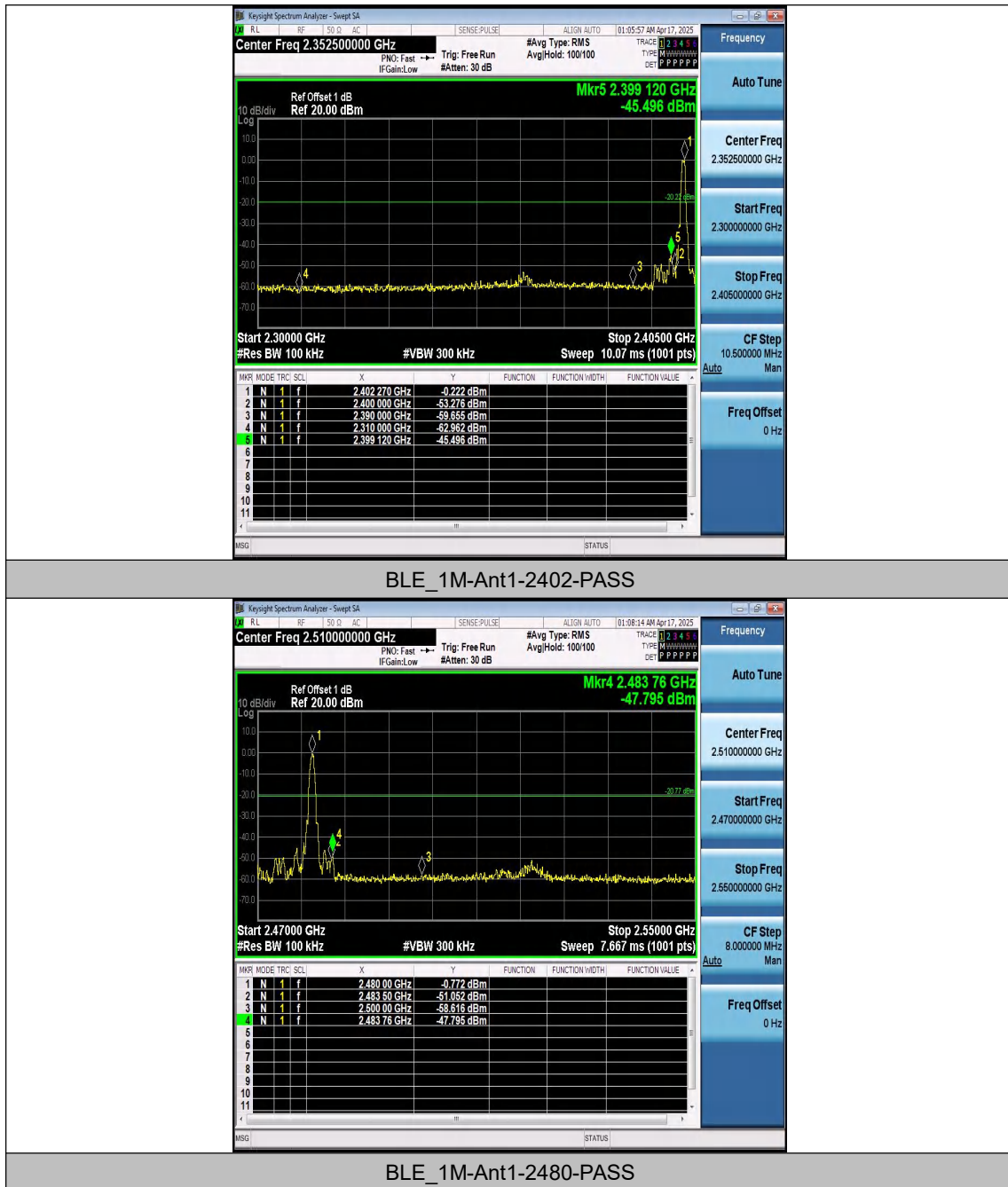
Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

## Appendix E: Band edge measurements

### Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.22	-45.5	≤-20.22	PASS
BLE_1M	Ant1	High	2480	-0.77	-47.8	≤-20.77	PASS
BLE_2M	Ant1	Low	2402	-1.03	-35.35	≤-21.03	PASS
BLE_2M	Ant1	High	2480	-0.62	-52.18	≤-20.62	PASS

## Test Graphs

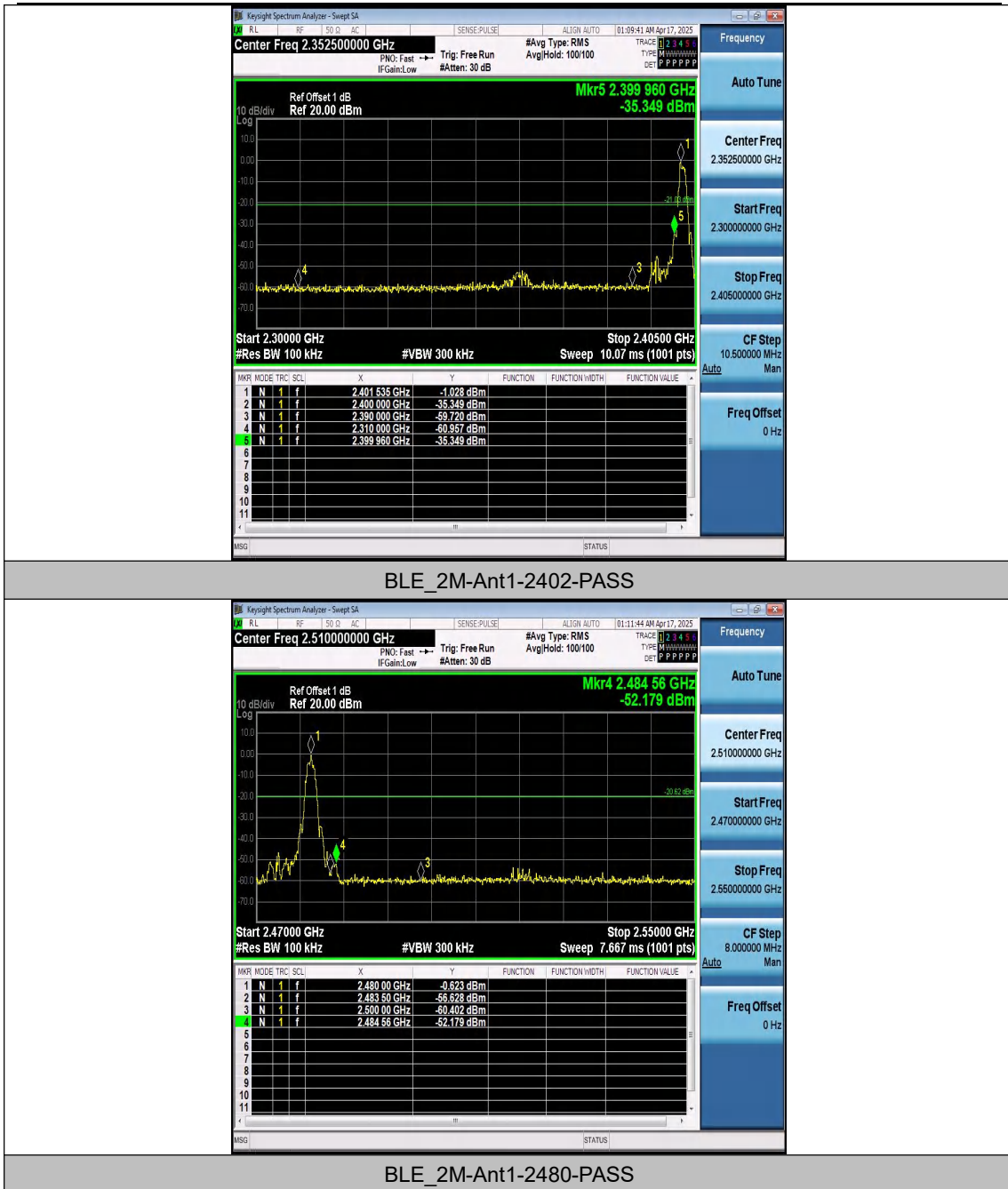


## Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



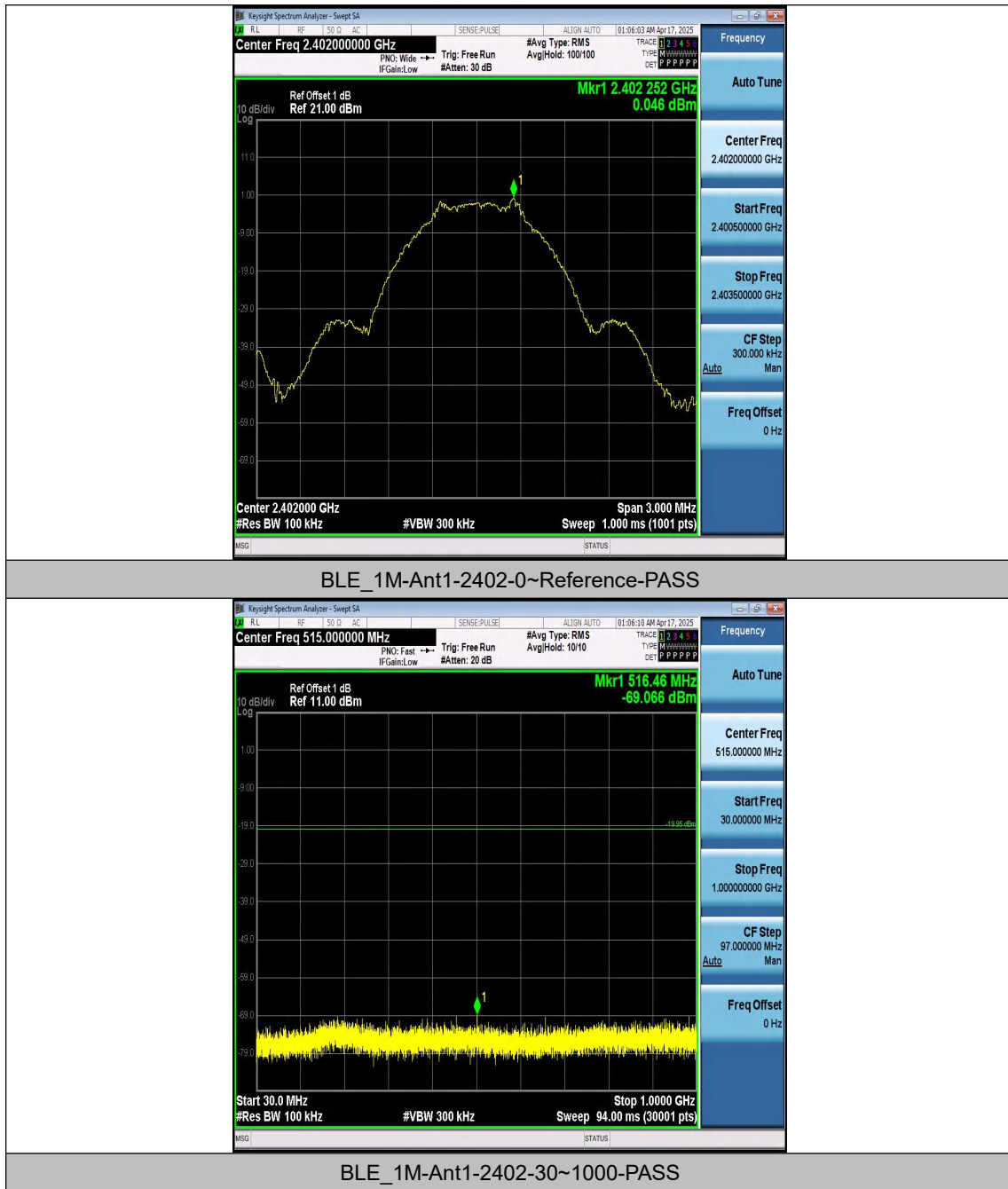


## Appendix F: Conducted Spurious Emission

### Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.05	0.05	---	PASS
BLE_1M	Ant1	2402	30~1000	0.05	-69.07	≤-19.95	PASS
BLE_1M	Ant1	2402	1000~26500	0.05	-41.86	≤-19.95	PASS
BLE_1M	Ant1	2440	0~Reference	-0.18	-0.18	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.18	-68.82	≤-20.18	PASS
BLE_1M	Ant1	2440	1000~26500	-0.18	-44.01	≤-20.18	PASS
BLE_1M	Ant1	2480	0~Reference	-1.00	-1.00	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.00	-68.98	≤-21	PASS
BLE_1M	Ant1	2480	1000~26500	-1.00	-43.87	≤-21	PASS
BLE_2M	Ant1	2402	0~Reference	-0.08	-0.08	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.08	-67.95	≤-20.08	PASS
BLE_2M	Ant1	2402	1000~26500	-0.08	-41.87	≤-20.08	PASS
BLE_2M	Ant1	2440	0~Reference	-0.98	-0.98	---	PASS
BLE_2M	Ant1	2440	30~1000	-0.98	-68.67	≤-20.98	PASS
BLE_2M	Ant1	2440	1000~26500	-0.98	-45.6	≤-20.98	PASS
BLE_2M	Ant1	2480	0~Reference	-0.88	-0.88	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.88	-69.29	≤-20.88	PASS
BLE_2M	Ant1	2480	1000~26500	-0.88	-43.88	≤-20.88	PASS

## Test Graphs

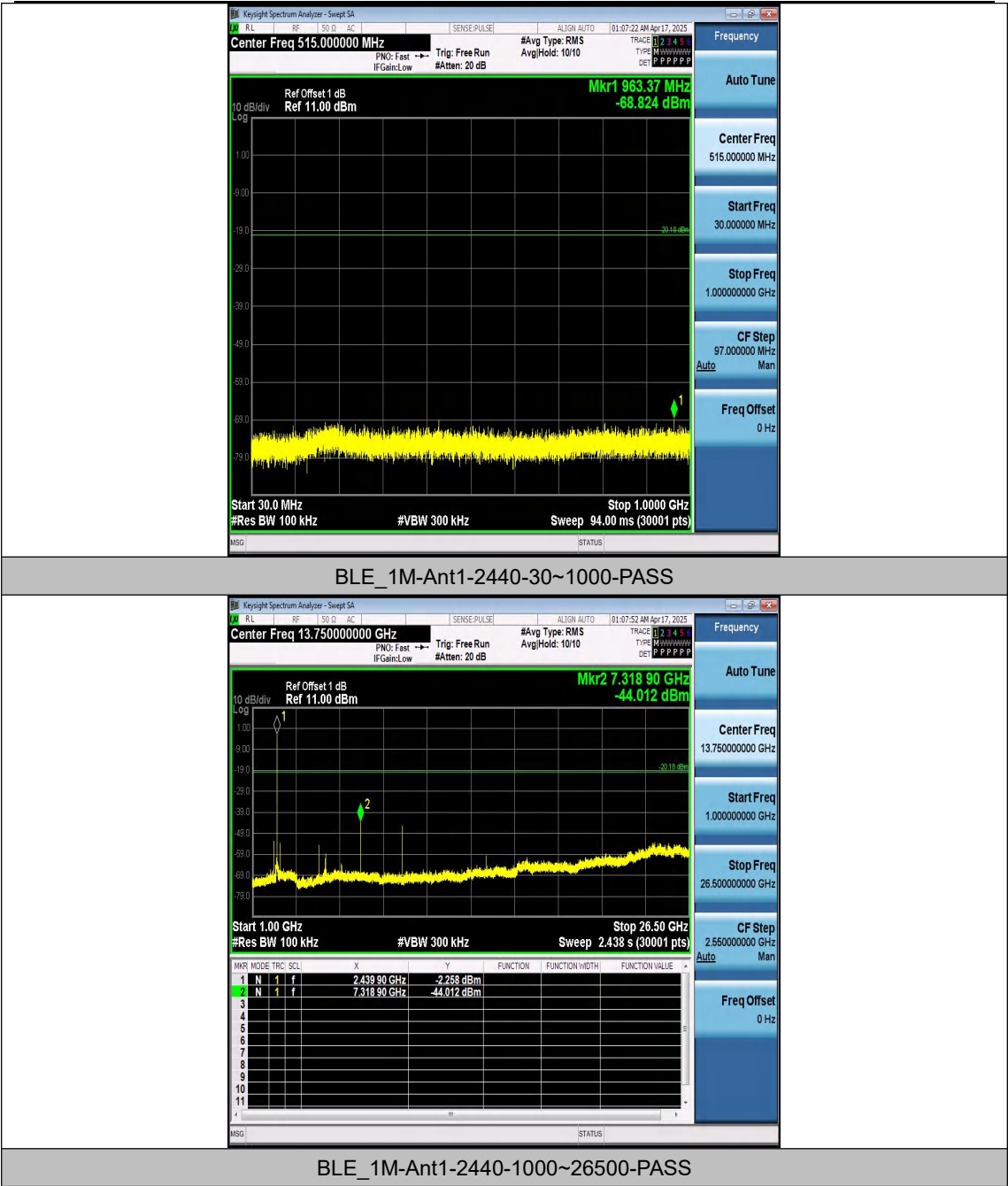


## Shenzhen Anbotek Compliance Laboratory Limited

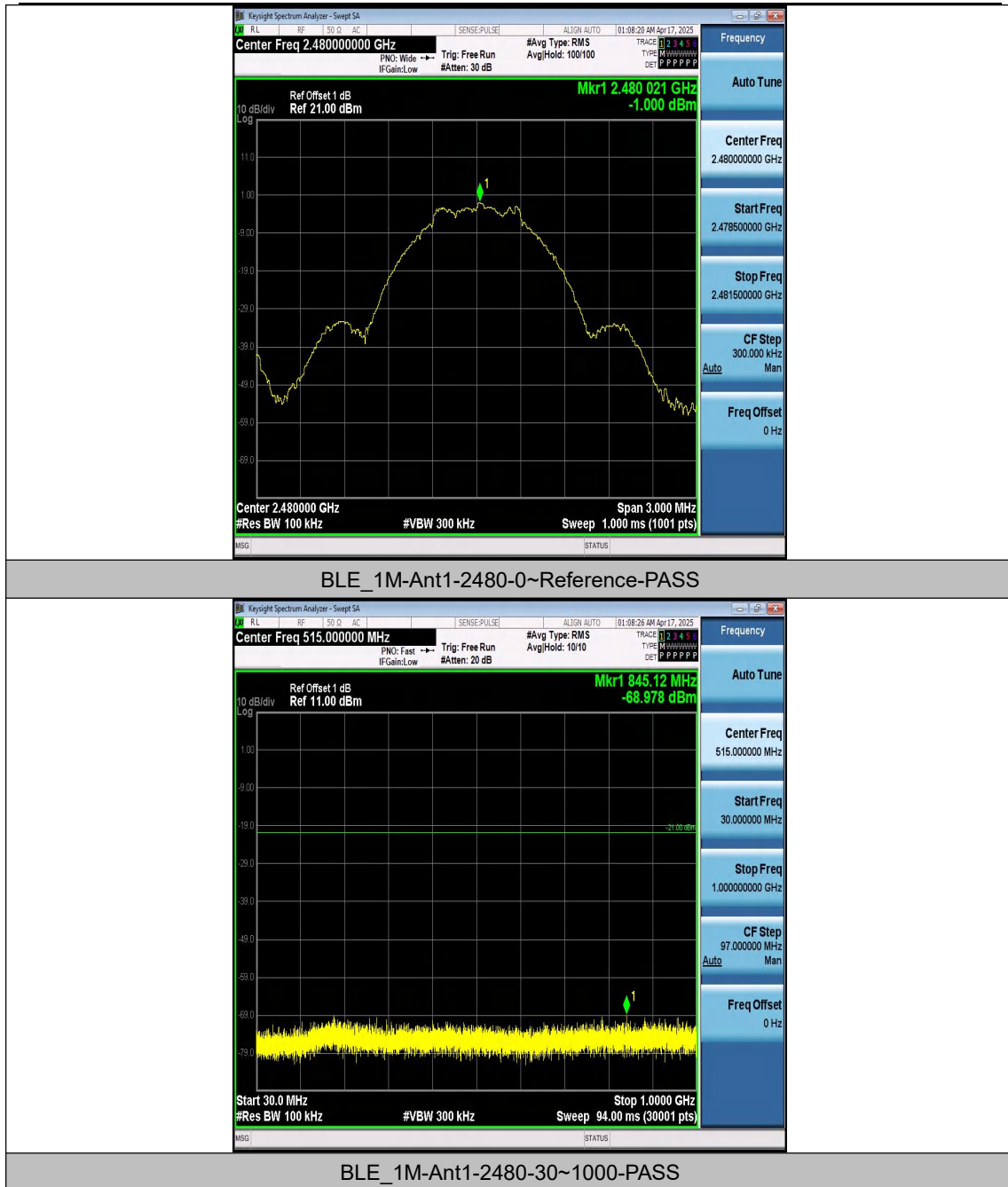
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)





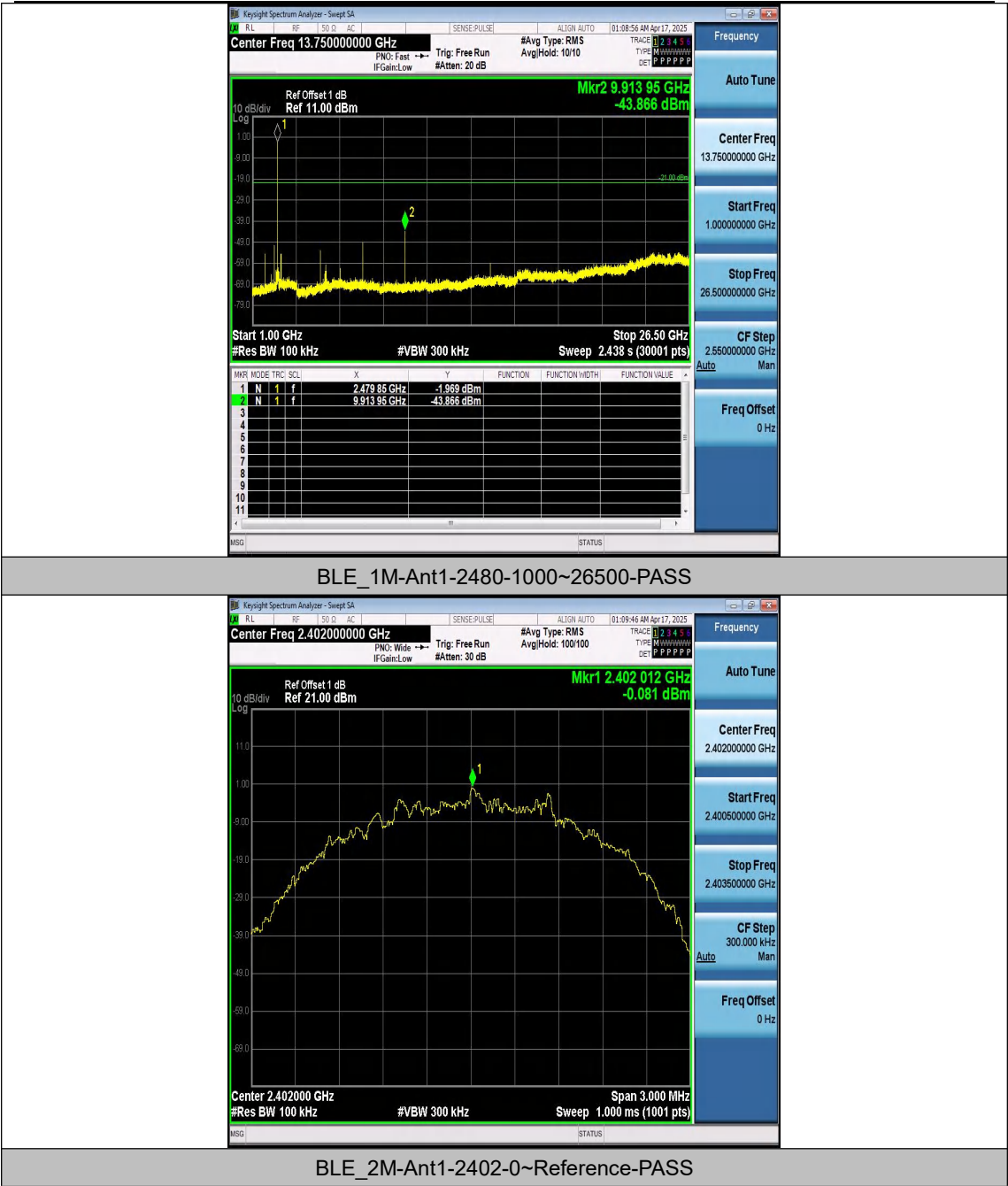




### Shenzhen Anbotek Compliance Laboratory Limited

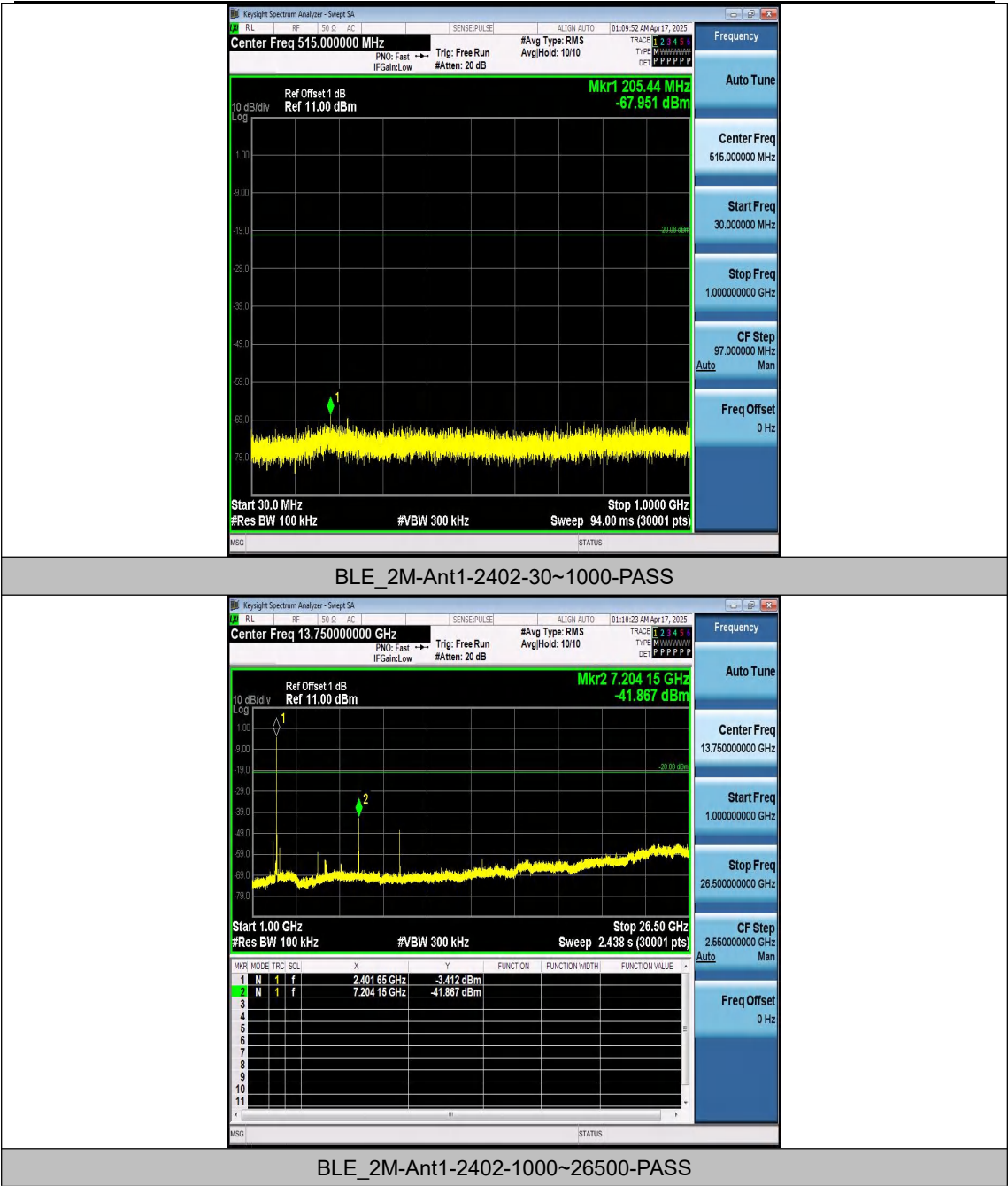
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



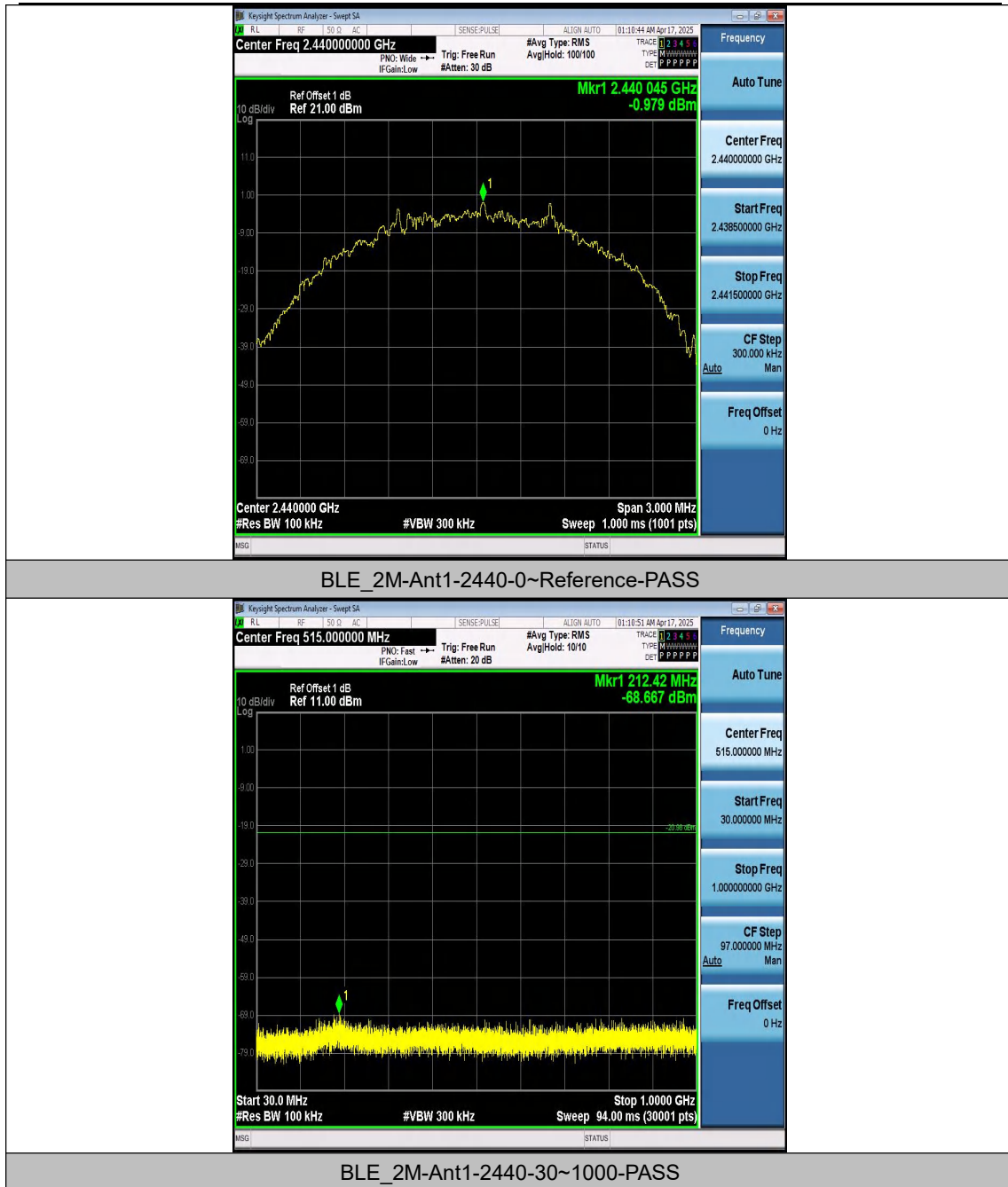
**Shenzhen Anbotek Compliance Laboratory Limited**

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.



**Shenzhen Anbotek Compliance Laboratory Limited**

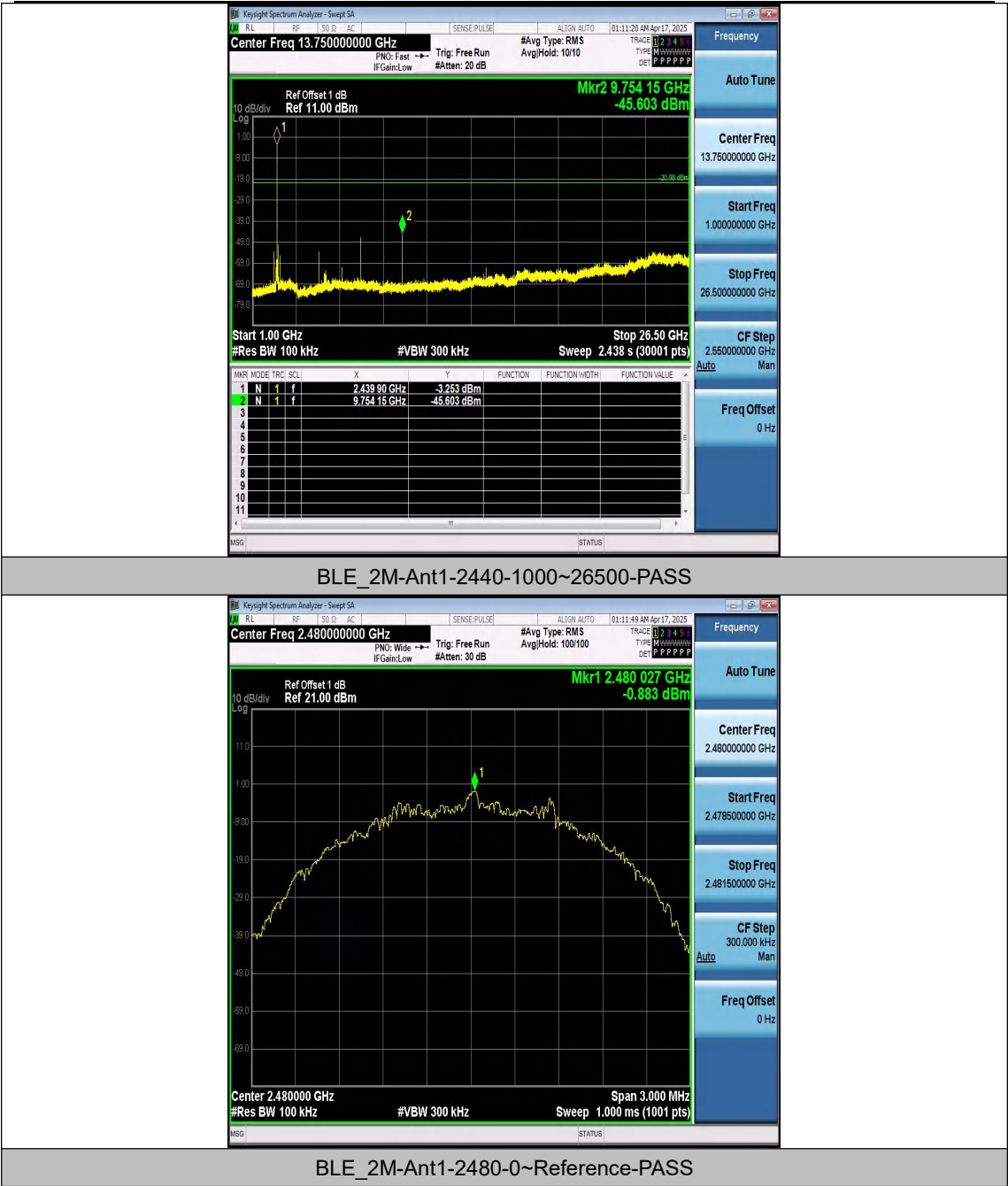
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.



#### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

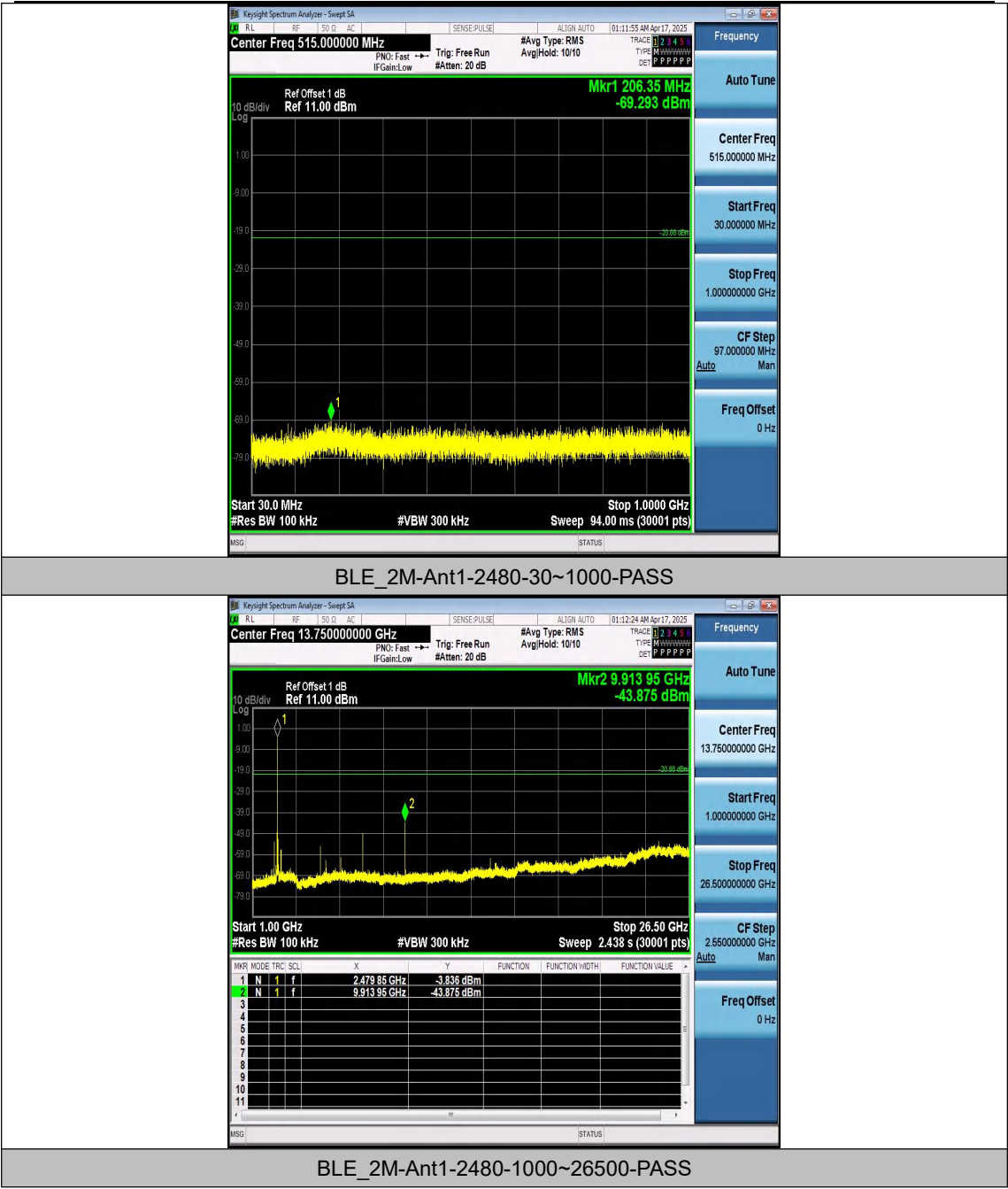


**Shenzhen Anbotek Compliance Laboratory Limited**

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500    web: [www.anbotek.com](http://www.anbotek.com)    E-mail: [service@anbotek.com](mailto:service@anbotek.com)





**Shenzhen Anbotek Compliance Laboratory Limited**

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)

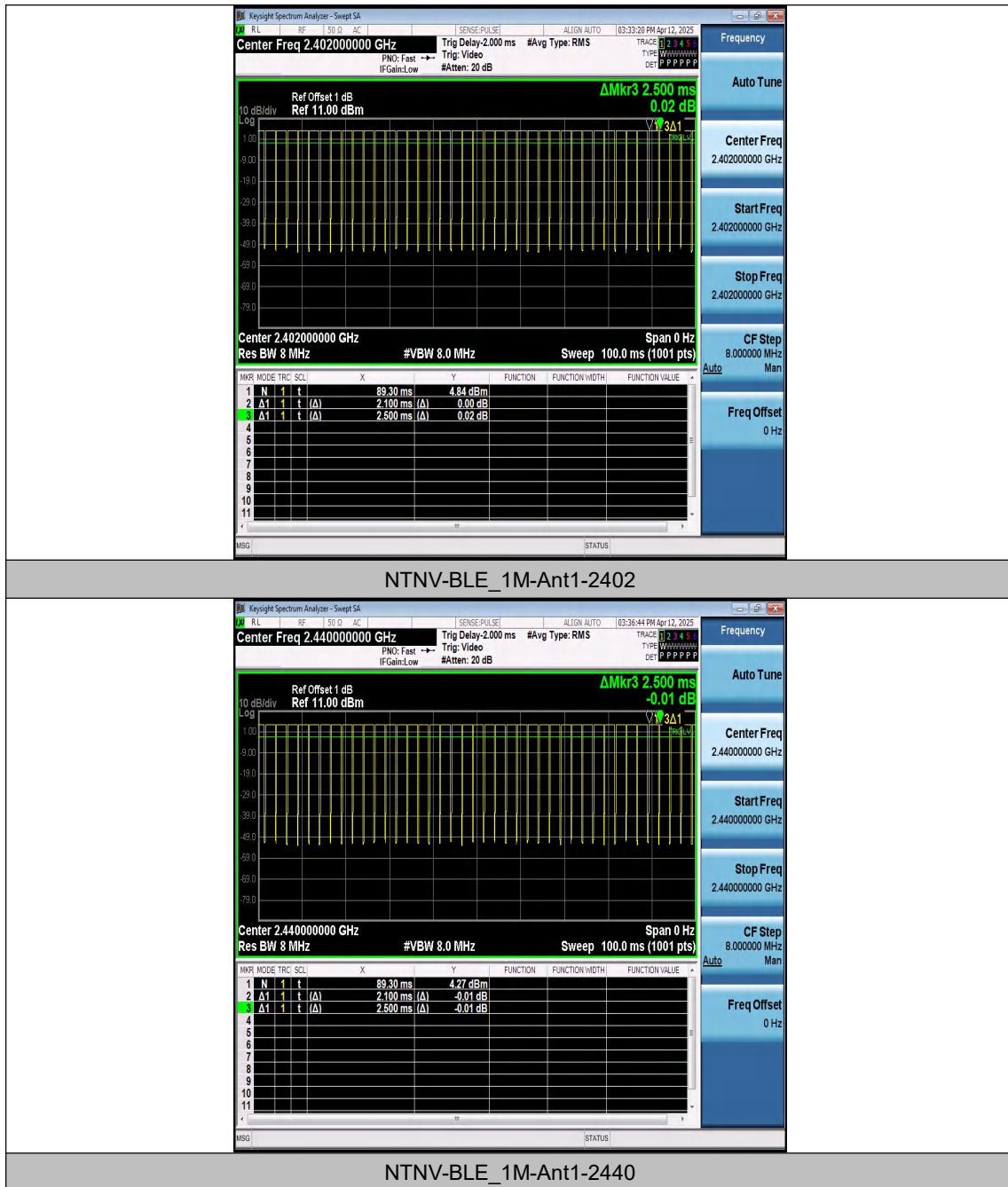
---

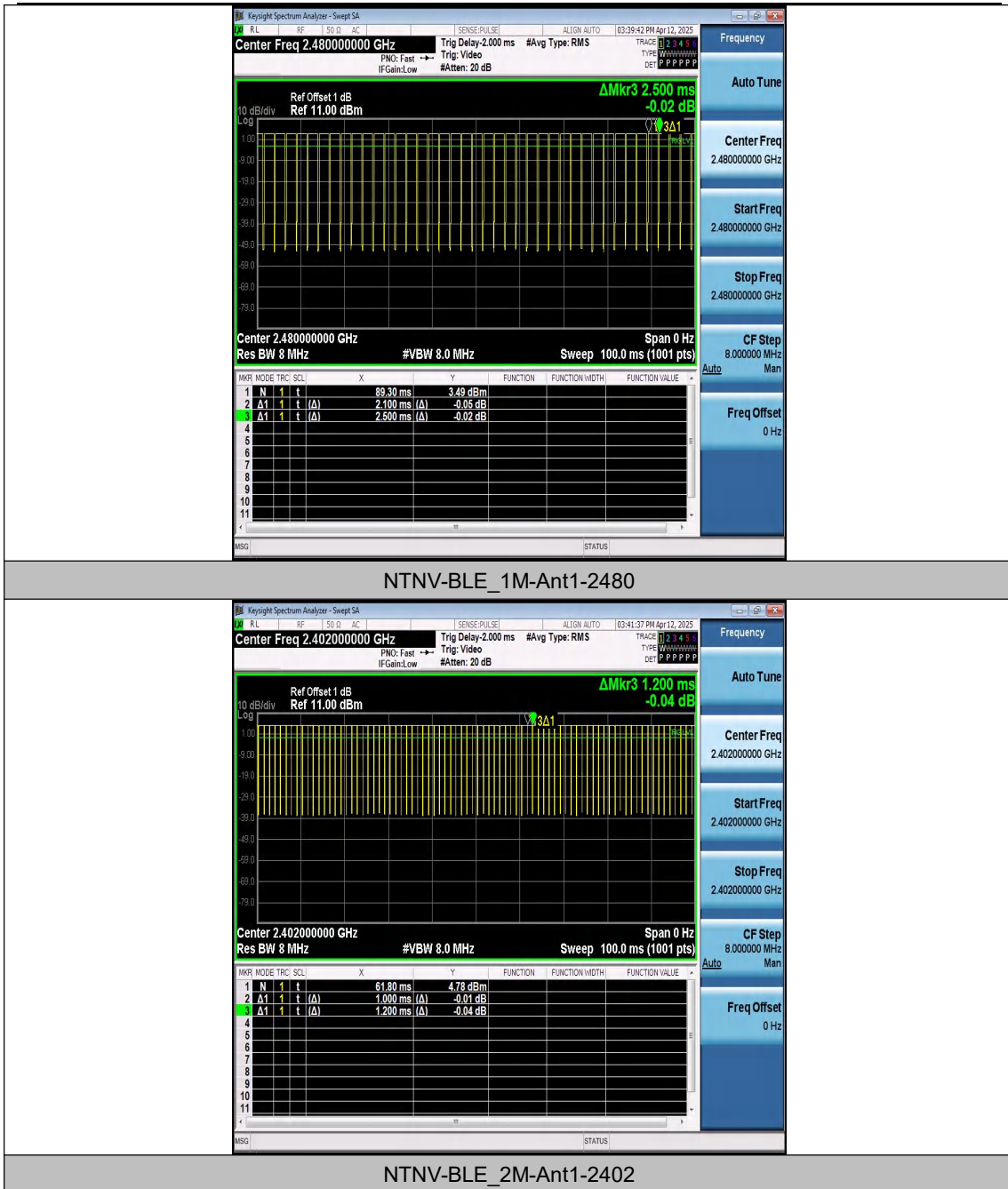
## Appendix G: Duty Cycle

### Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.10	2.50	84.00	0.76
BLE_1M	Ant1	2440	2.10	2.50	84.00	0.76
BLE_1M	Ant1	2480	2.10	2.50	84.00	0.76
BLE_2M	Ant1	2402	1.00	1.20	83.33	0.79
BLE_2M	Ant1	2440	1.00	1.20	83.33	0.79
BLE_2M	Ant1	2480	2.30	2.50	92.00	0.36

## Test Graphs

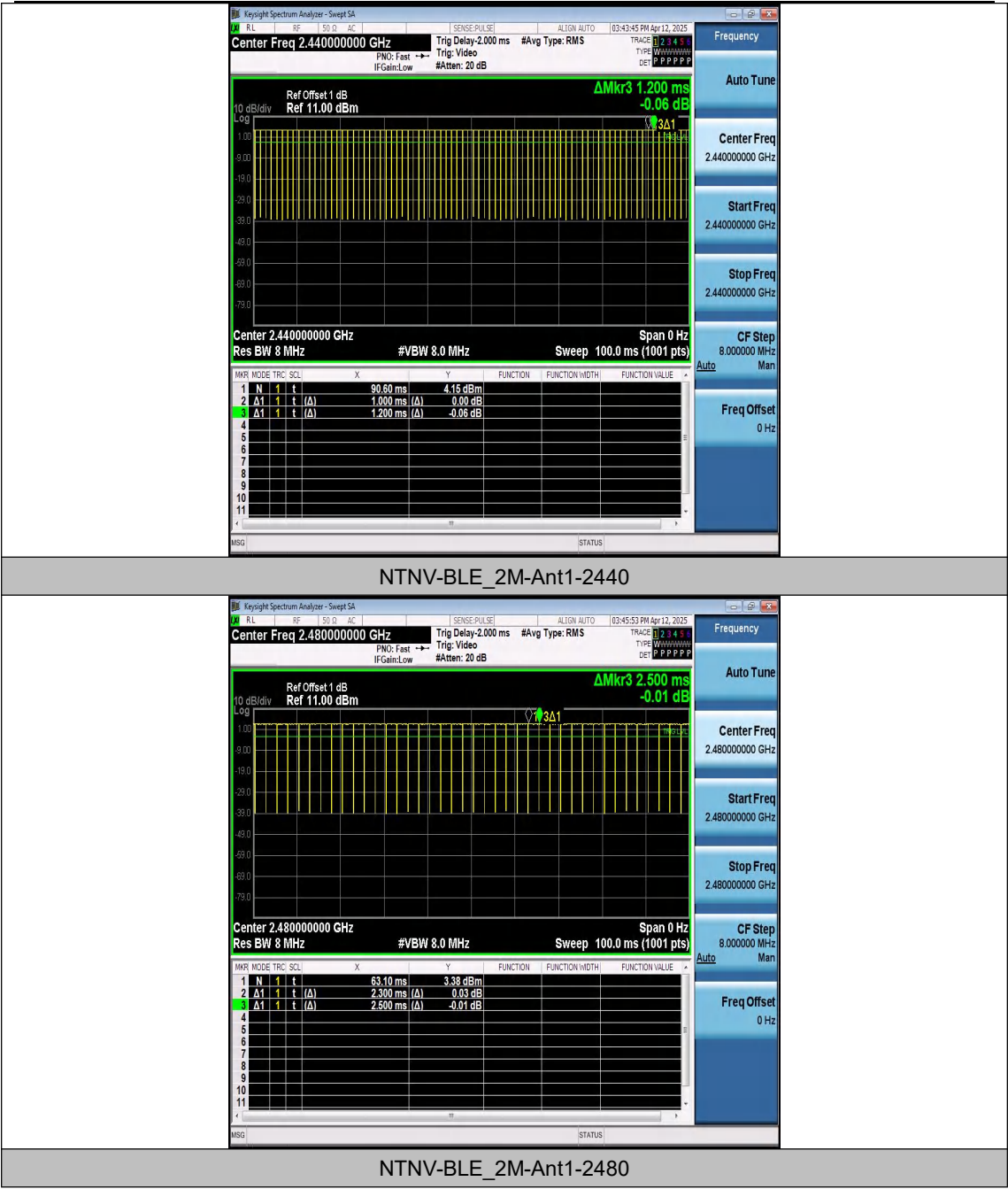




### Shenzhen Anbotek Compliance Laboratory Limited

Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

Hotline: 400-003-0500 web: [www.anbotek.com](http://www.anbotek.com) E-mail: [service@anbotek.com](mailto:service@anbotek.com)



---End---