

Appendix Test Data

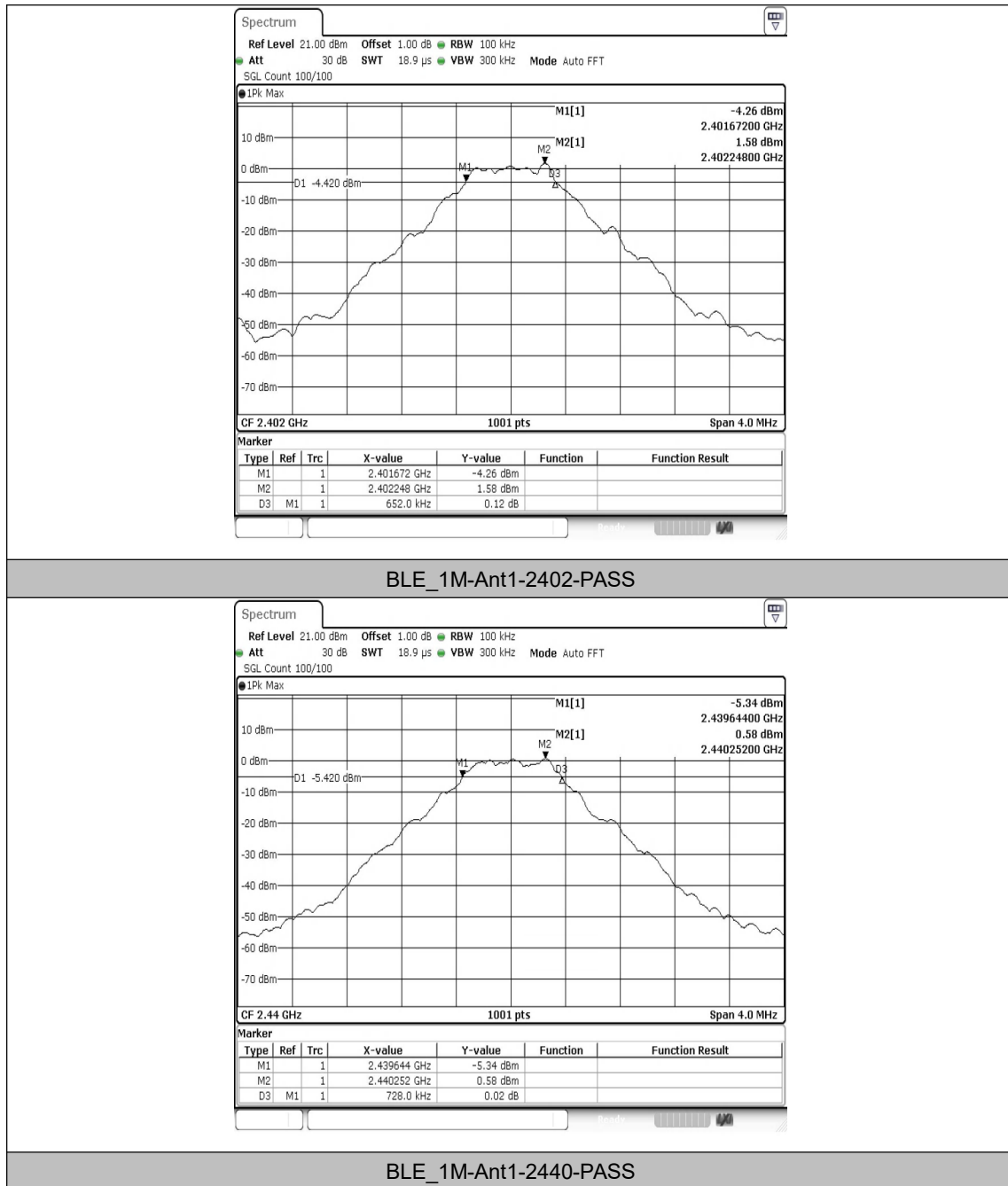
Report No.:	1812C50252412502	Test Sample No.:	1-2-2
Start Test Date:	2025-5-27	Finish Test Date:	2025-6-6
Test Engineer:	Hansen Guan	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	50%
Pressure:	101kPa		

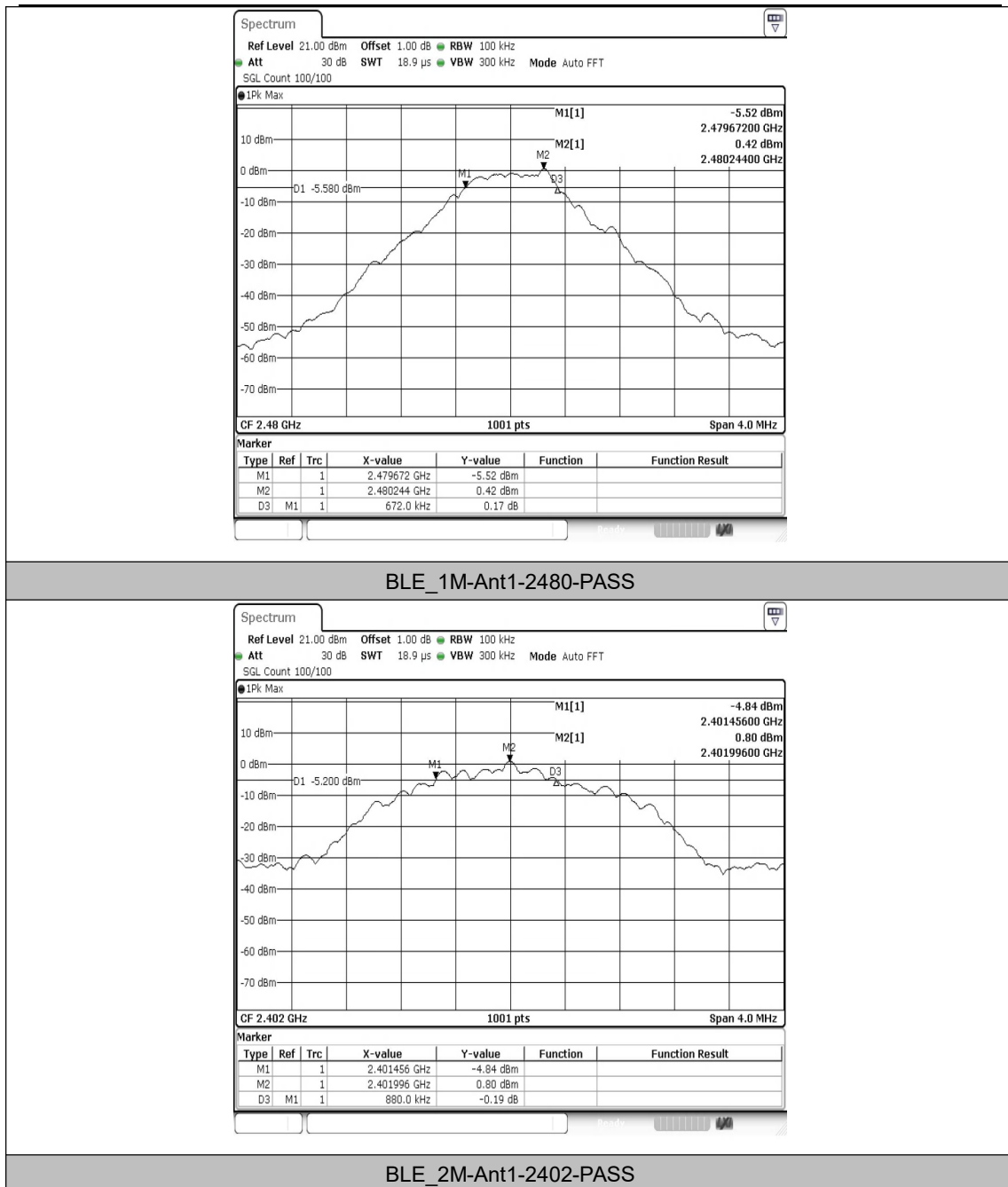
Appendix A: 6dB Bandwidth

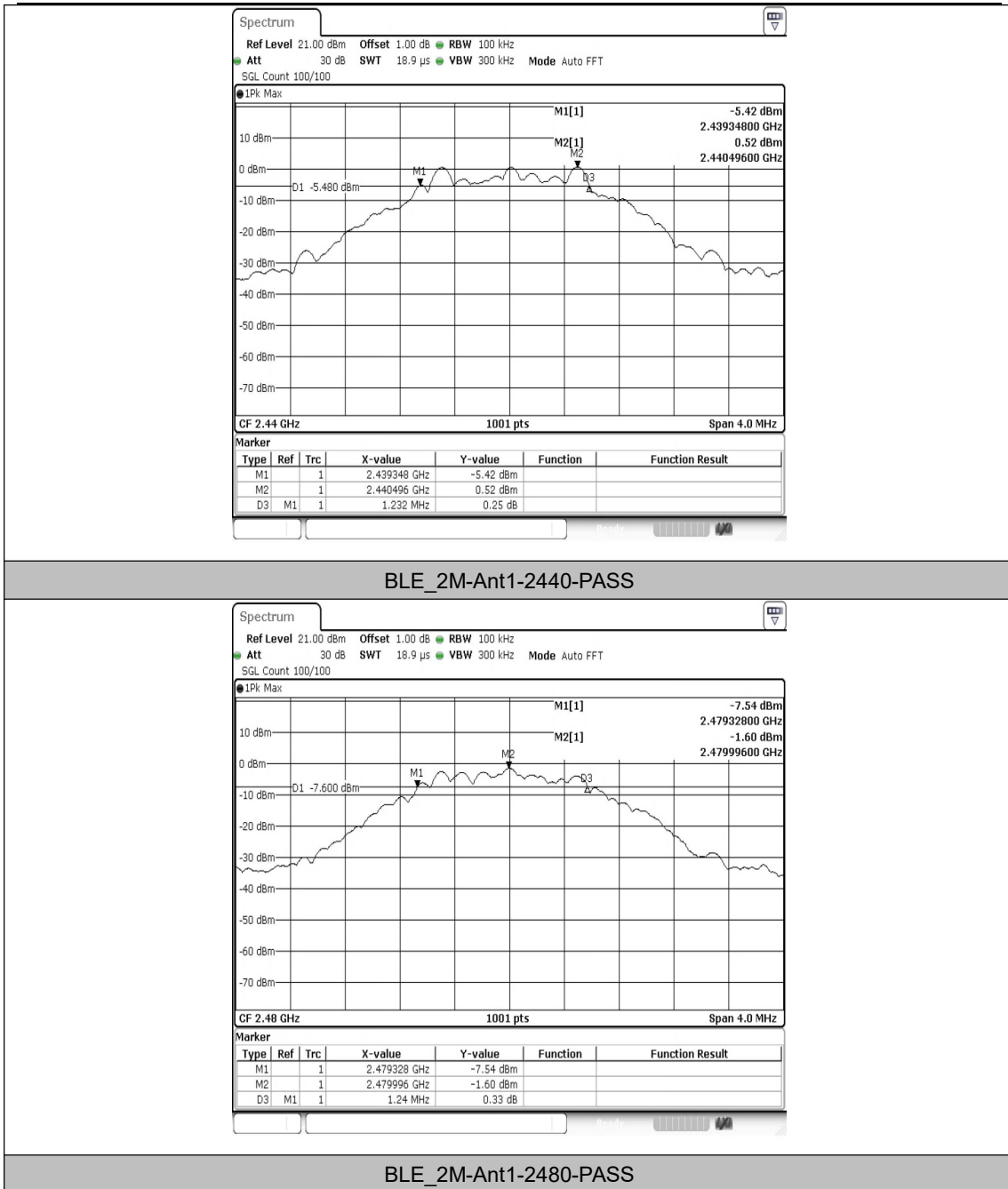
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.65	2401.67	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.73	2439.64	2440.37	0.5	PASS
BLE_1M	Ant1	2480	0.67	2479.67	2480.34	0.5	PASS
BLE_2M	Ant1	2402	0.88	2401.46	2402.34	0.5	PASS
BLE_2M	Ant1	2440	1.23	2439.35	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.24	2479.33	2480.57	0.5	PASS

Test Graphs





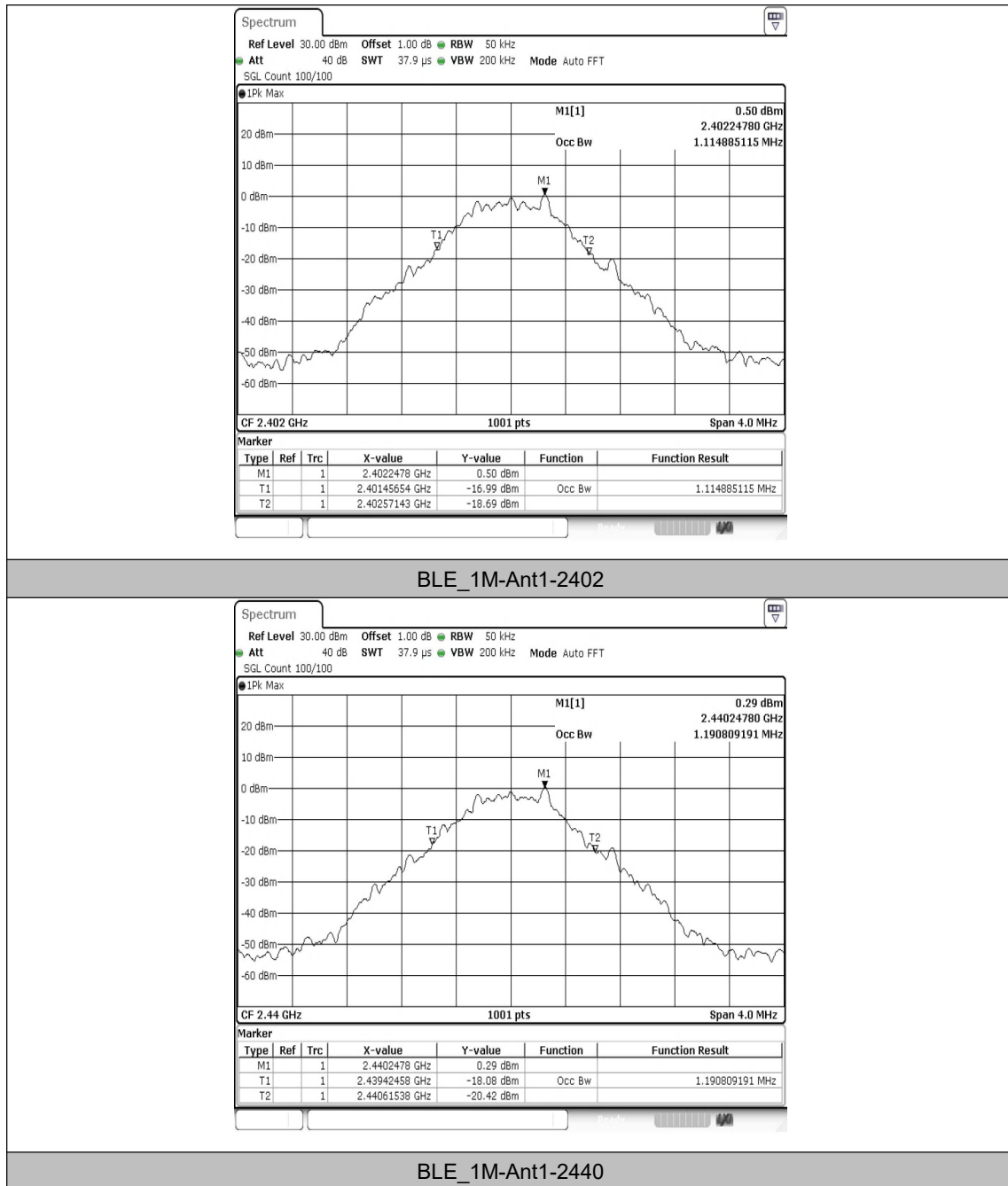


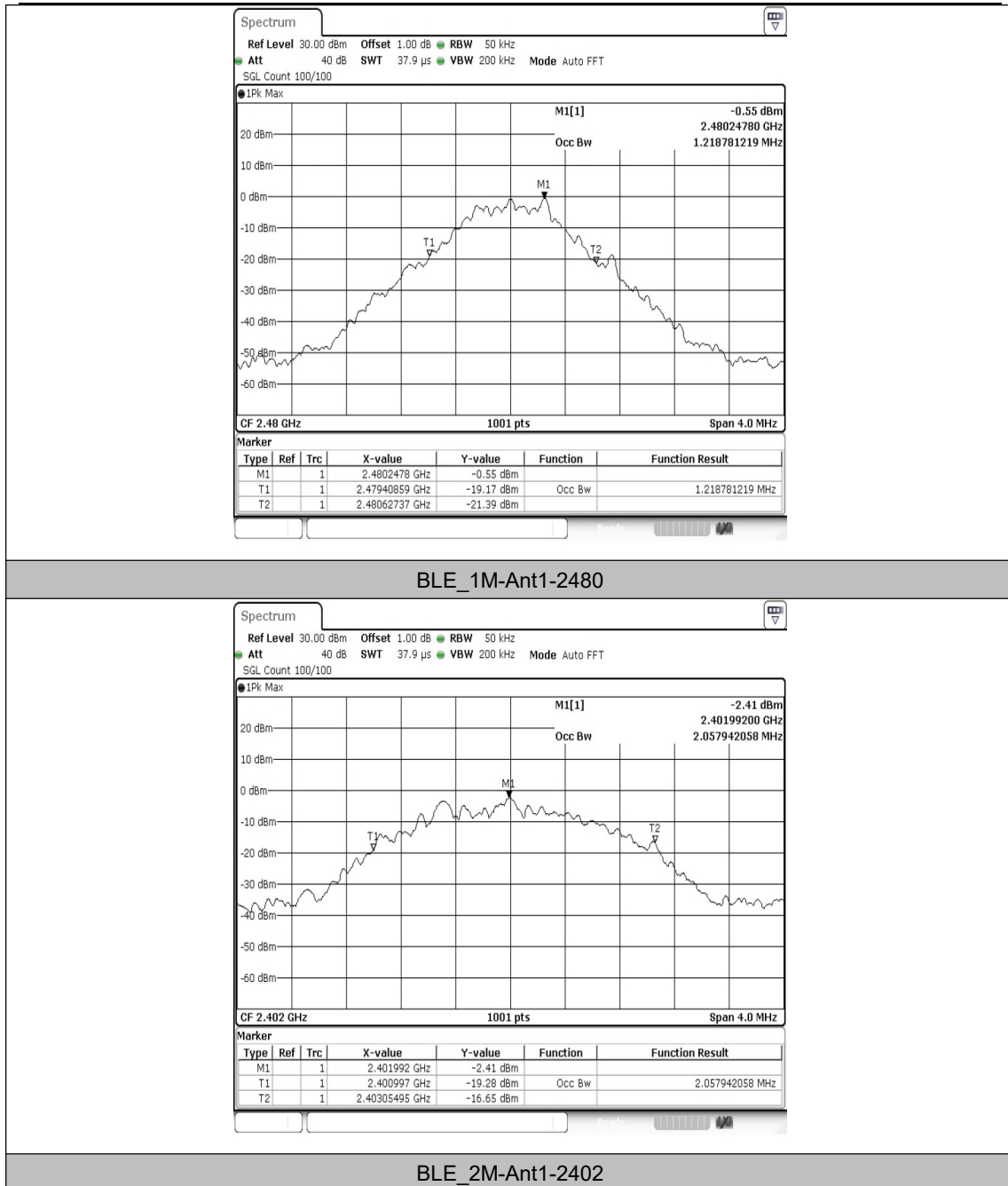
Appendix B: 99% Occupied Bandwidth

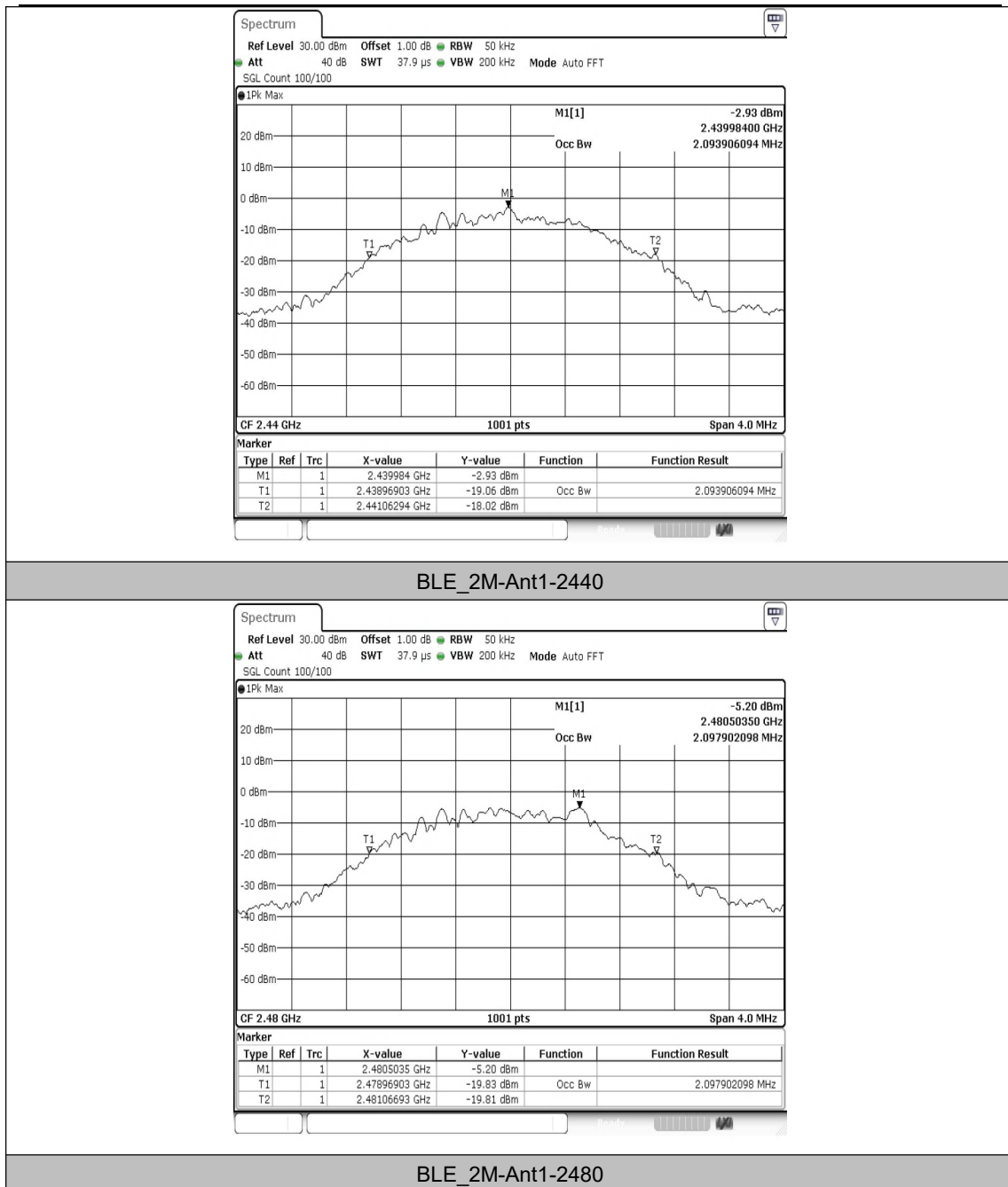
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.1149	2401.4565	2402.5714	---	---
BLE_1M	Ant1	2440	1.1908	2439.4246	2440.6154	---	---
BLE_1M	Ant1	2480	1.2188	2479.4086	2480.6274	---	---
BLE_2M	Ant1	2402	2.0579	2400.9970	2403.0549	---	---
BLE_2M	Ant1	2440	2.0939	2438.9690	2441.0629	---	---
BLE_2M	Ant1	2480	2.0979	2478.9690	2481.0669	---	---

Test Graphs





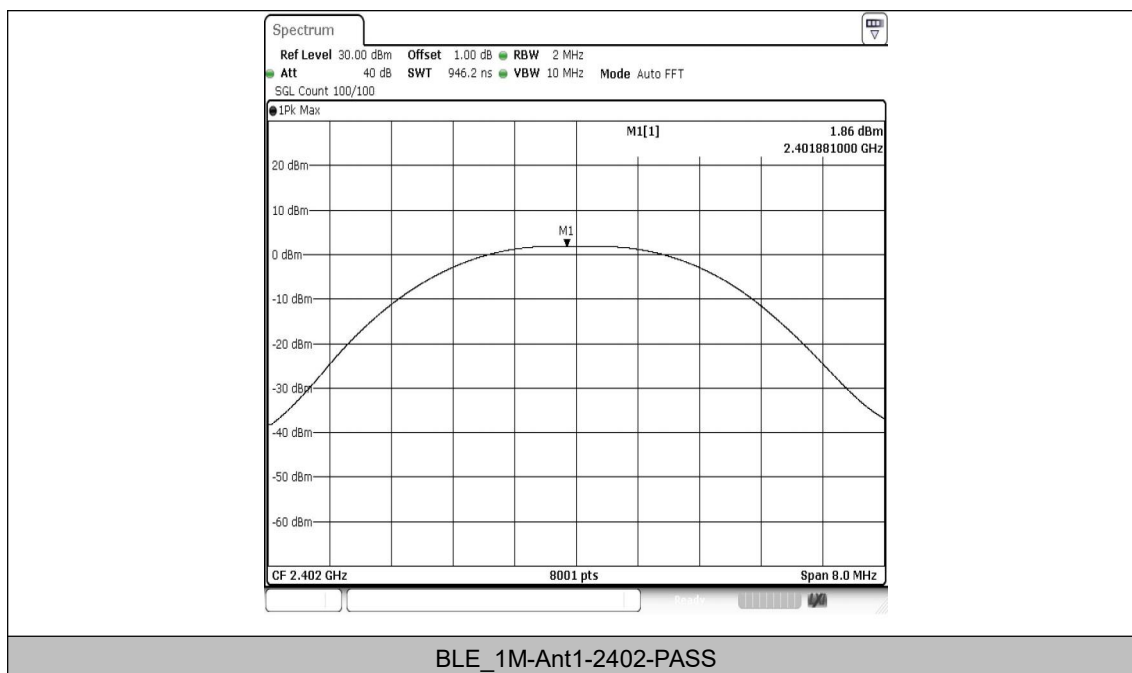


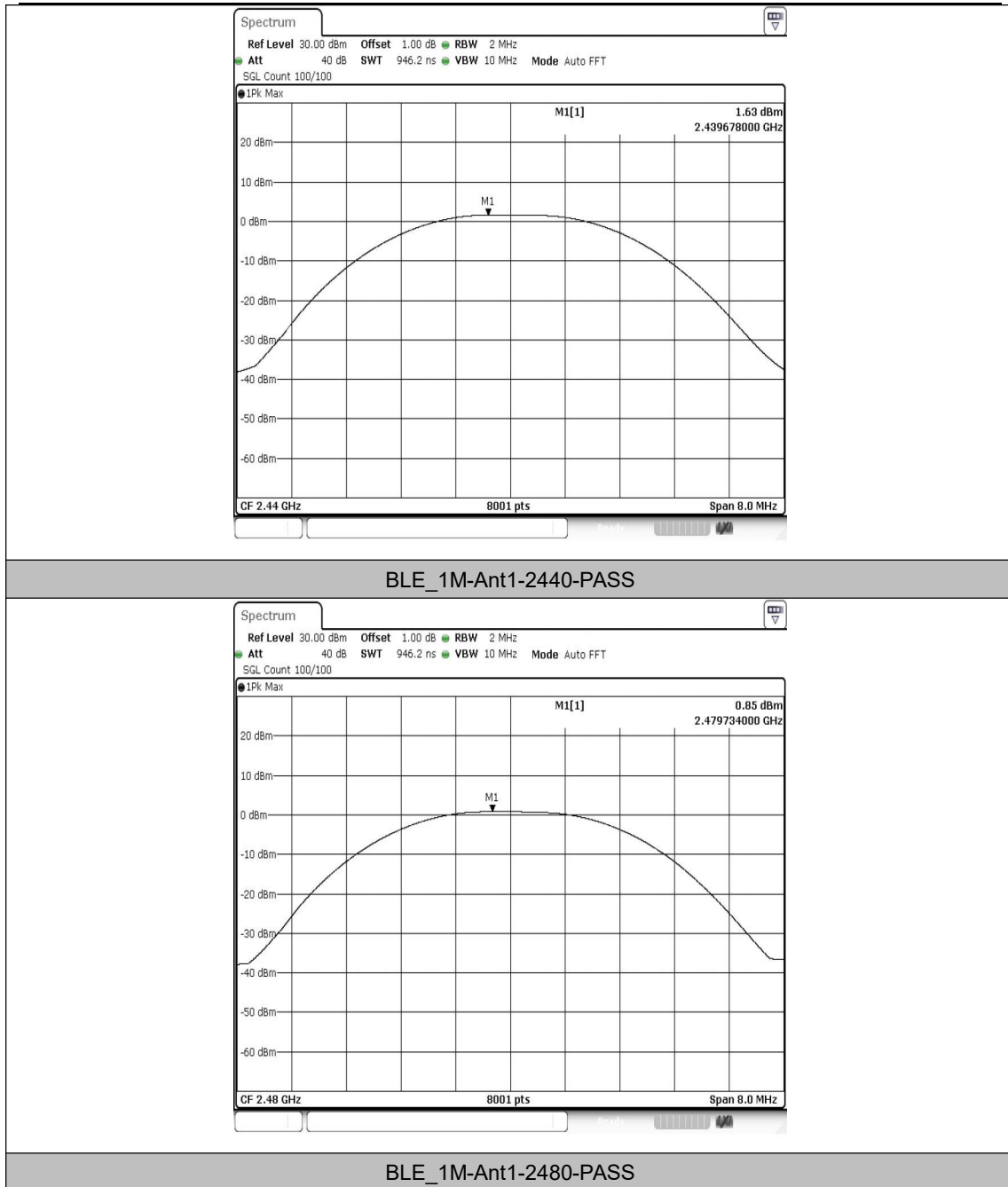
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.86	≤30	PASS
BLE_1M	Ant1	2440	1.63	≤30	PASS
BLE_1M	Ant1	2480	0.85	≤30	PASS
BLE_2M	Ant1	2402	1.88	≤30	PASS
BLE_2M	Ant1	2440	1.62	≤30	PASS
BLE_2M	Ant1	2480	0.84	≤30	PASS

Test Graphs Peak





Shenzhen Anbotek Compliance Laboratory Limited

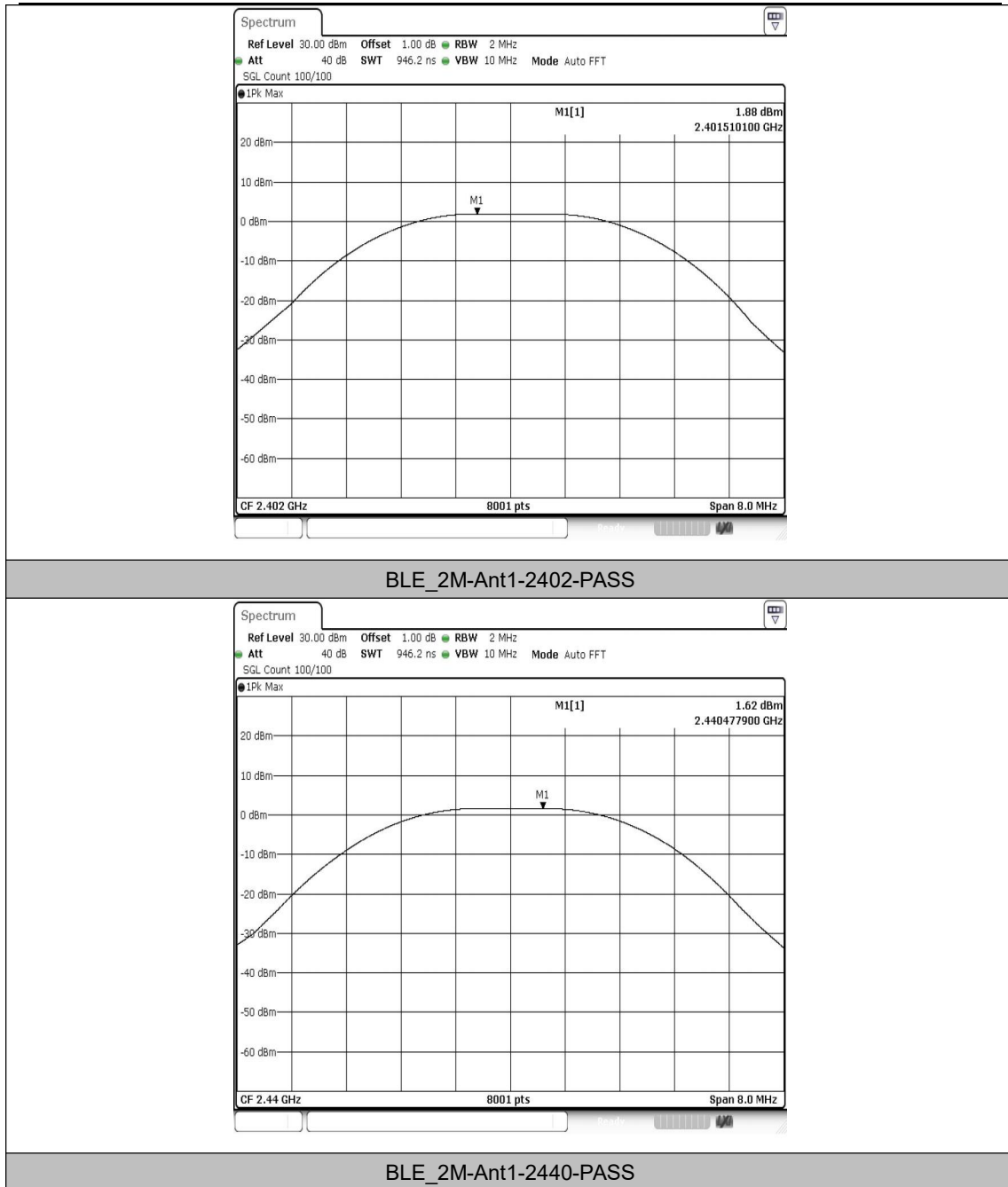
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500

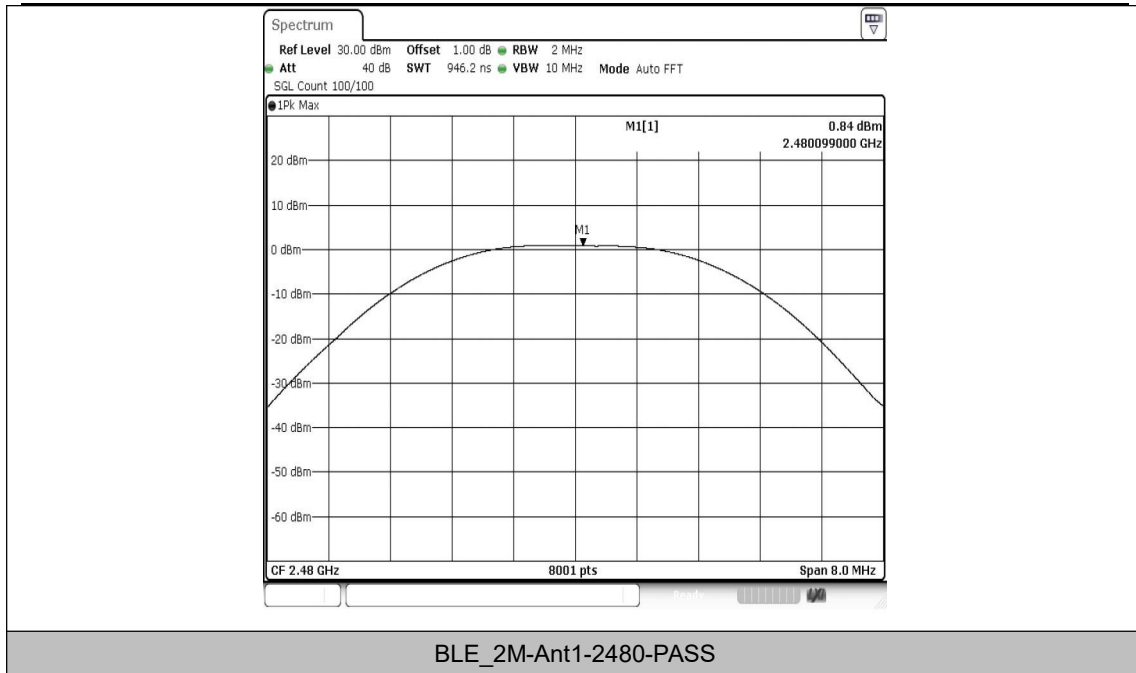
www.anbotek.com



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



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

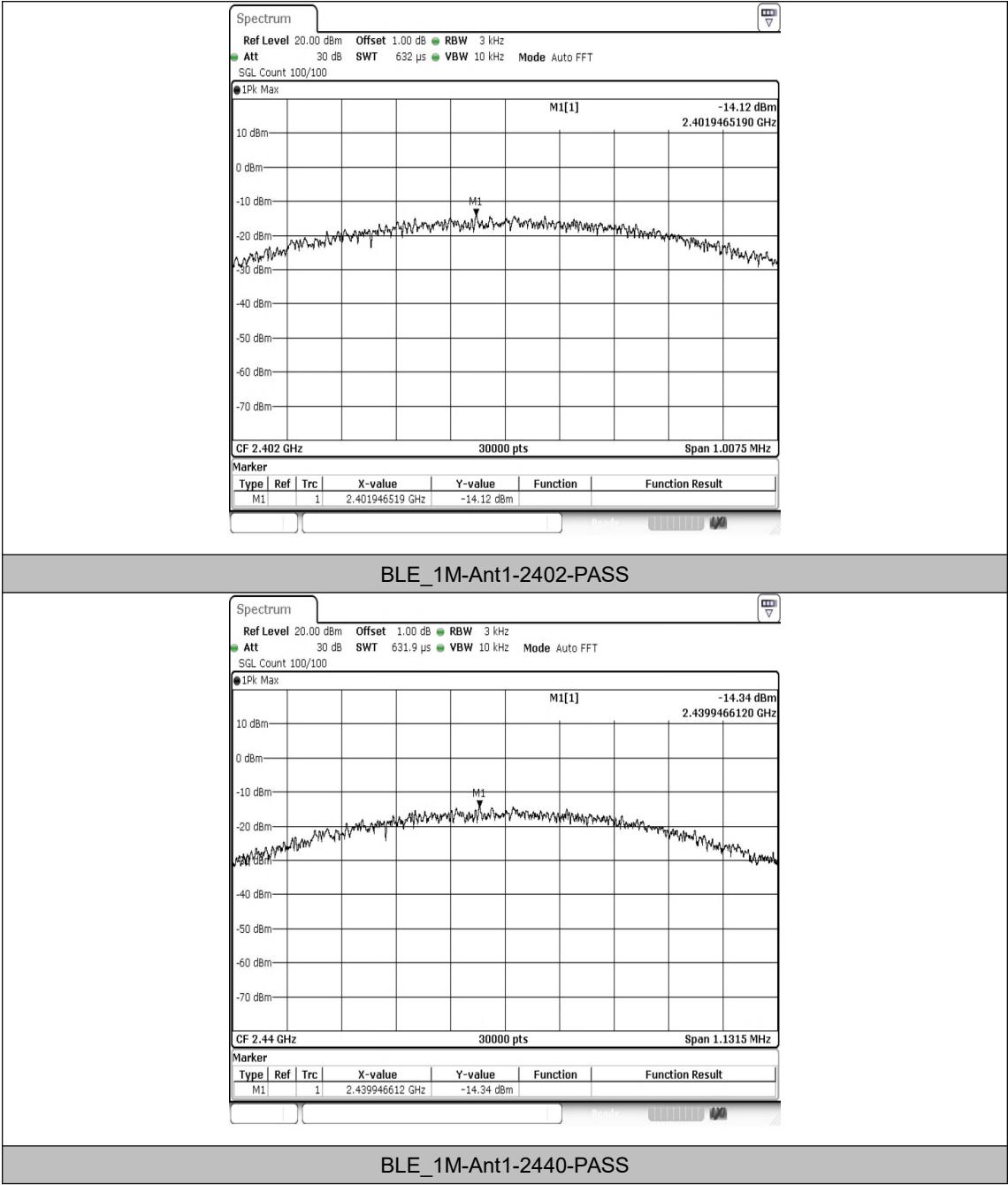
Appendix D: Maximum power spectral density

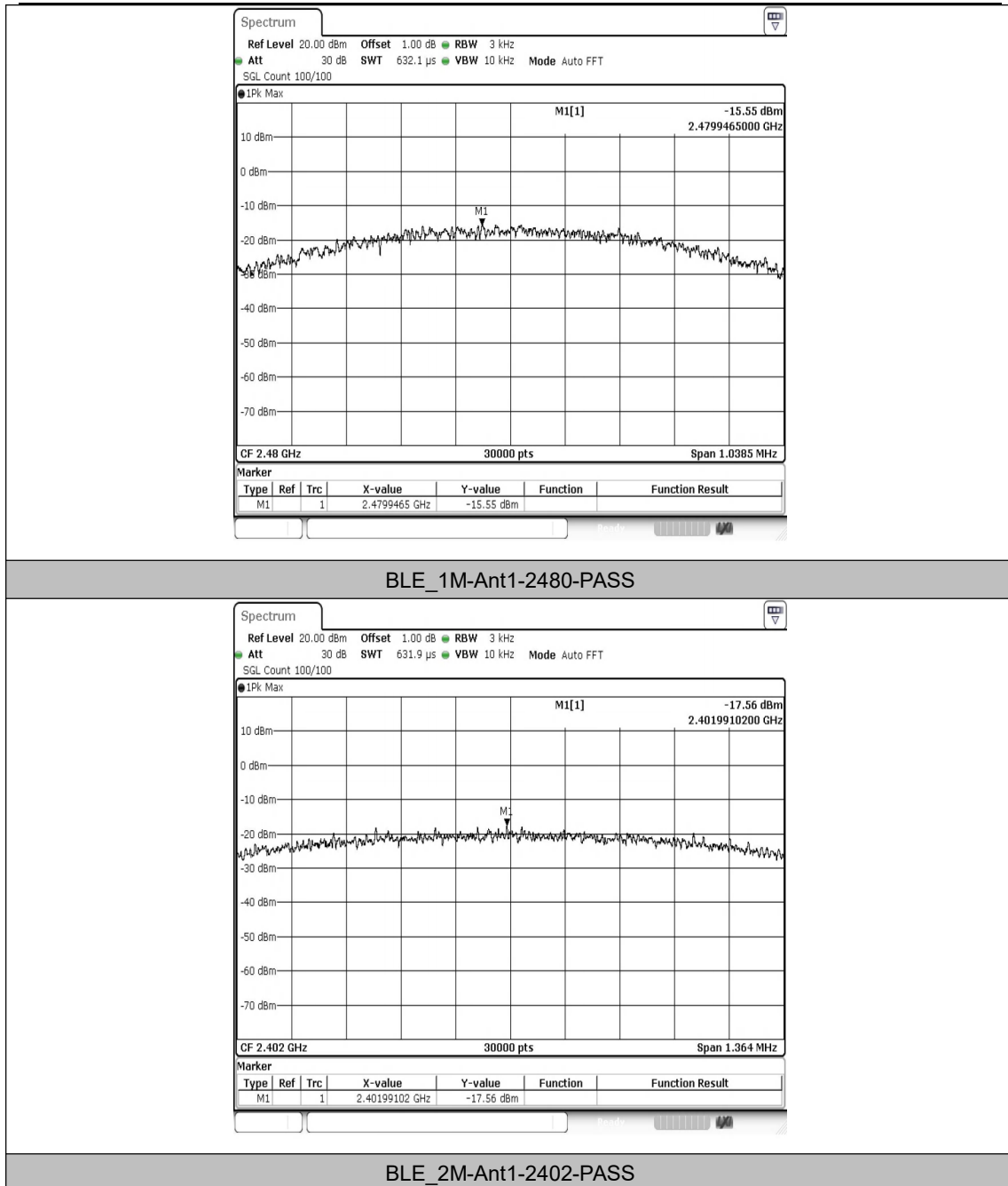
Test Result

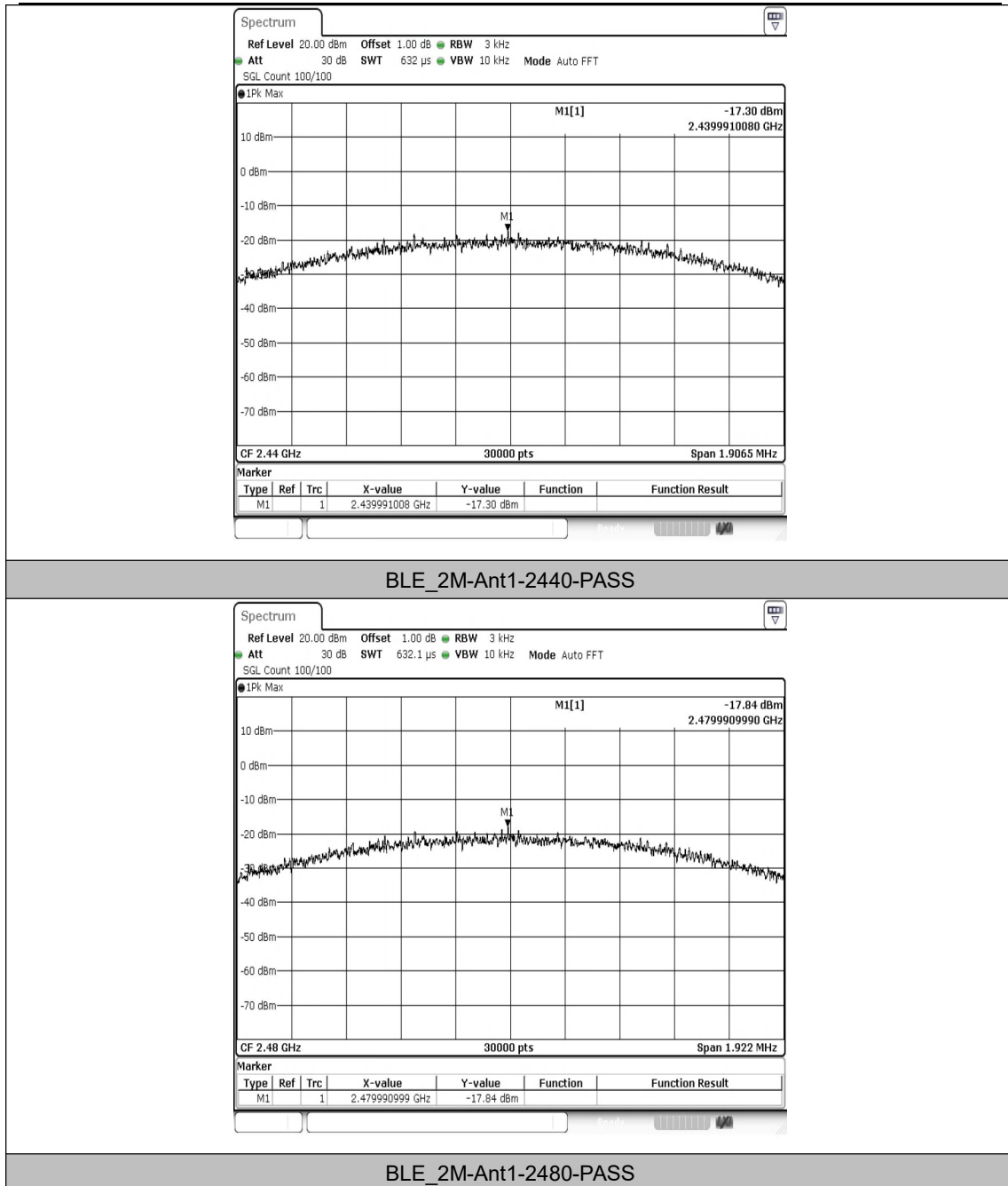
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.12	≤8.00	PASS
BLE_1M	Ant1	2440	-14.34	≤8.00	PASS
BLE_1M	Ant1	2480	-15.55	≤8.00	PASS
BLE_2M	Ant1	2402	-17.56	≤8.00	PASS
BLE_2M	Ant1	2440	-17.30	≤8.00	PASS
BLE_2M	Ant1	2480	-17.84	≤8.00	PASS



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

Appendix E: Band edge measurements

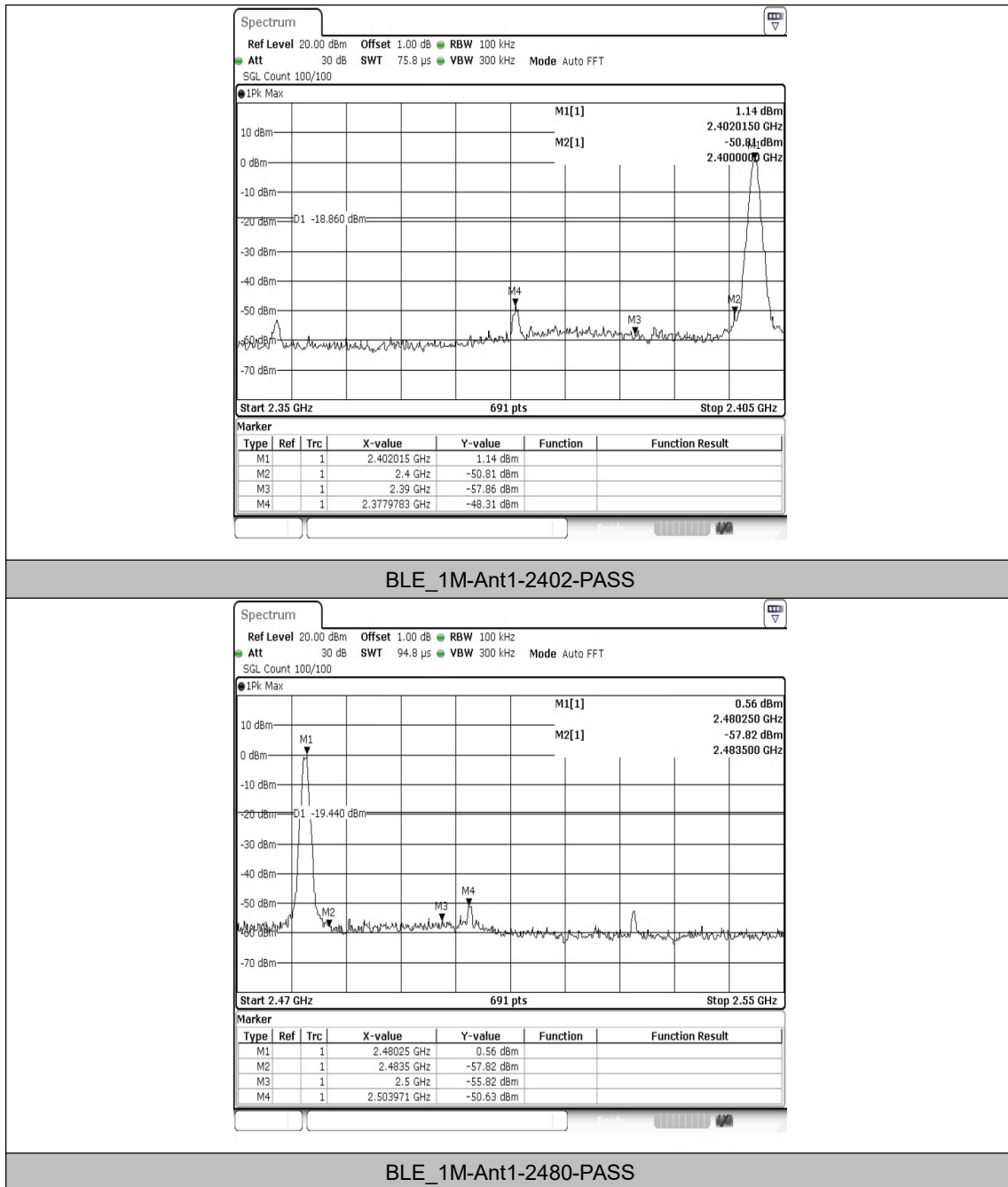
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.14	-48.31	≤-18.86	PASS
BLE_1M	Ant1	High	2480	0.56	-50.63	≤-19.44	PASS
BLE_2M	Ant1	Low	2402	0.82	-33.29	≤-19.18	PASS
BLE_2M	Ant1	High	2480	0.09	-51.57	≤-19.91	PASS

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



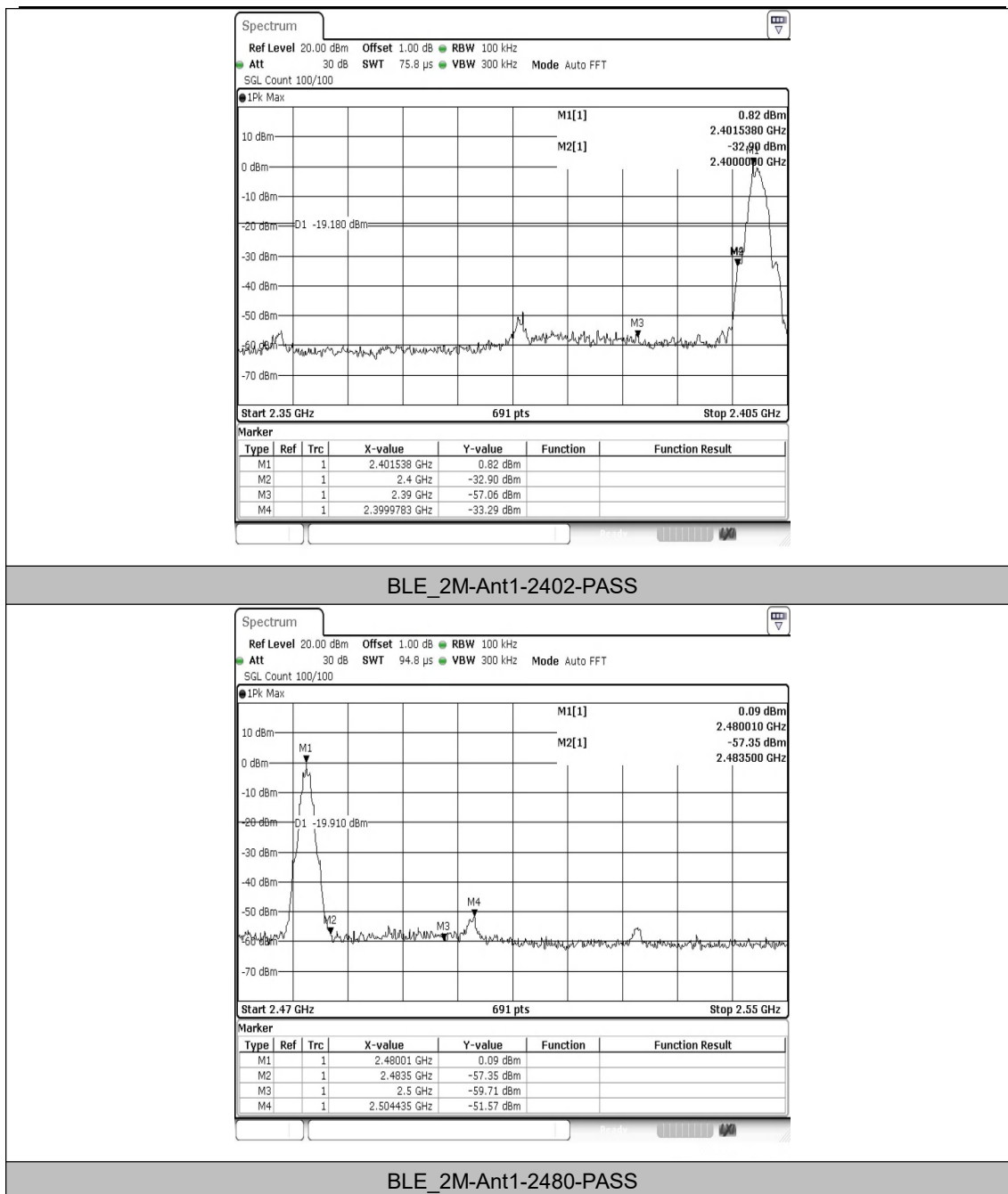
Test Graphs



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



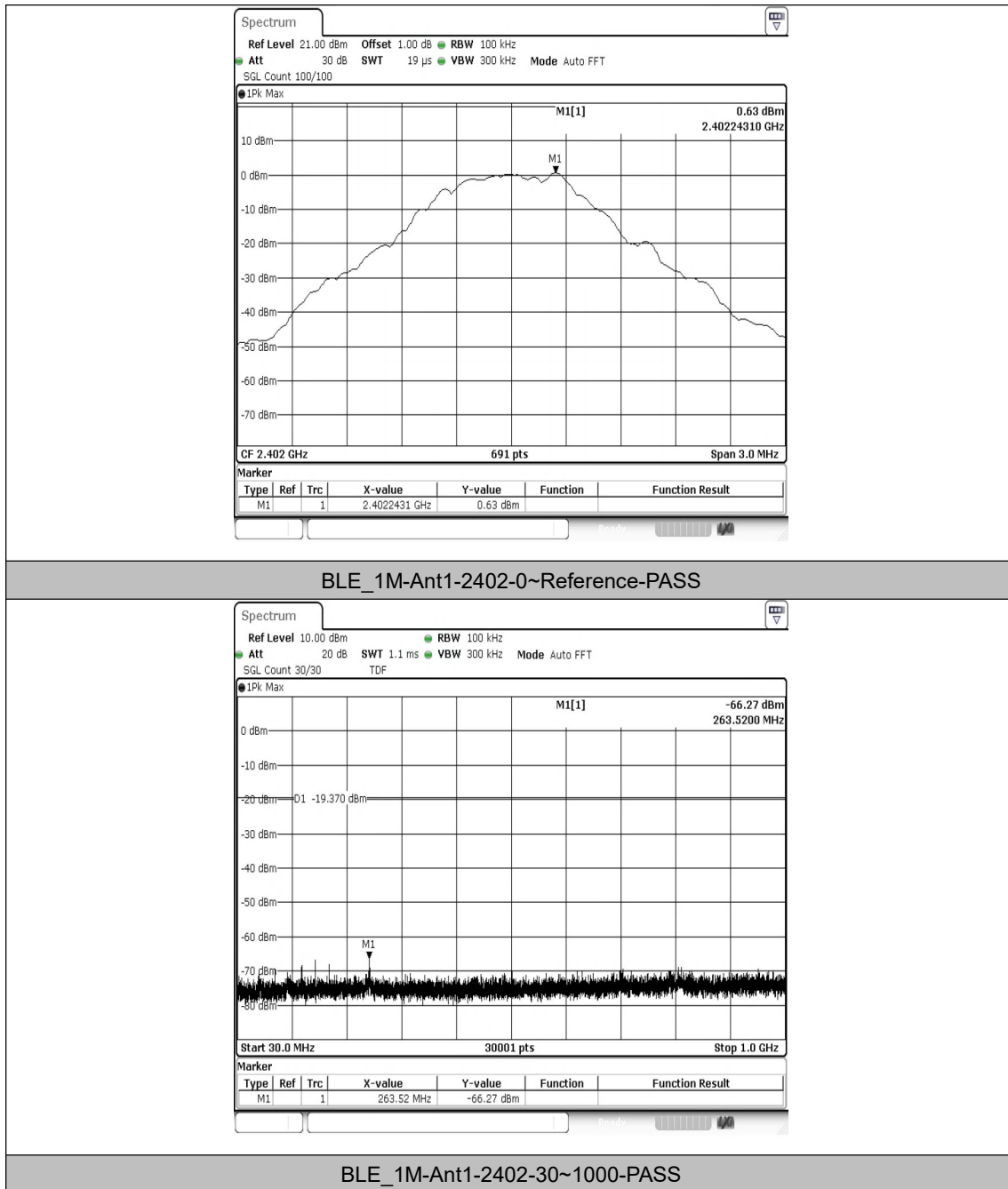
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.63	0.63	---	PASS
BLE_1M	Ant1	2402	30~1000	0.63	-66.27	≤-19.37	PASS
BLE_1M	Ant1	2402	1000~26500	0.63	-41.47	≤-19.37	PASS
BLE_1M	Ant1	2440	0~Reference	0.55	0.55	---	PASS
BLE_1M	Ant1	2440	30~1000	0.55	-57.43	≤-19.45	PASS
BLE_1M	Ant1	2440	1000~26500	0.55	-39.66	≤-19.45	PASS
BLE_1M	Ant1	2480	0~Reference	0.38	0.38	---	PASS
BLE_1M	Ant1	2480	30~1000	0.38	-61.69	≤-19.62	PASS
BLE_1M	Ant1	2480	1000~26500	0.38	-38.17	≤-19.62	PASS
BLE_2M	Ant1	2402	0~Reference	0.32	0.32	---	PASS
BLE_2M	Ant1	2402	30~1000	0.32	-62.75	≤-19.68	PASS
BLE_2M	Ant1	2402	1000~26500	0.32	-41.43	≤-19.68	PASS
BLE_2M	Ant1	2440	0~Reference	-0.41	-0.41	---	PASS
BLE_2M	Ant1	2440	30~1000	-0.41	-65.69	≤-20.41	PASS
BLE_2M	Ant1	2440	1000~26500	-0.41	-39.85	≤-20.41	PASS
BLE_2M	Ant1	2480	0~Reference	-0.64	-0.64	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.64	-52.83	≤-20.64	PASS
BLE_2M	Ant1	2480	1000~26500	-0.64	-40.29	≤-20.64	PASS

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

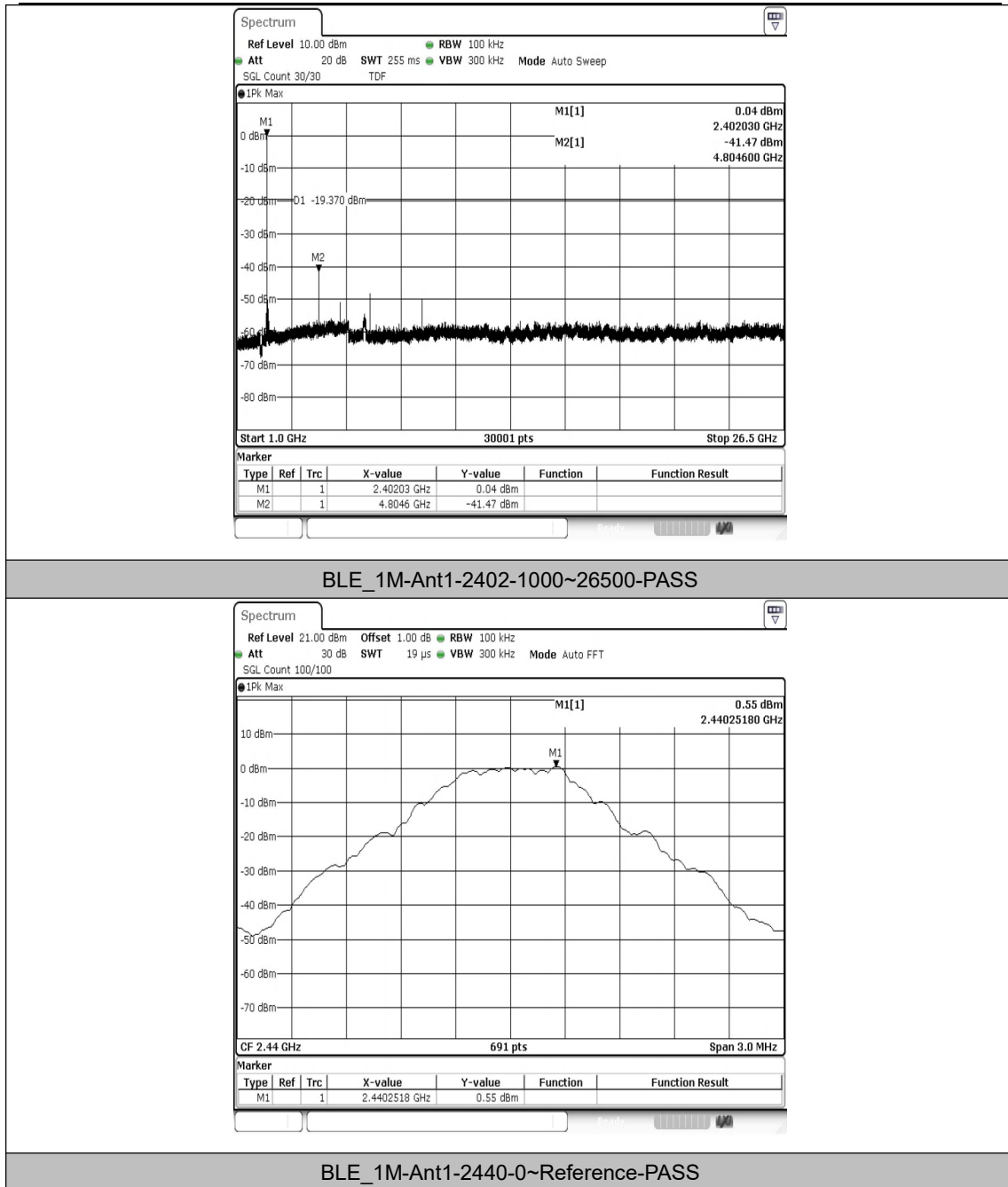
Test Graphs

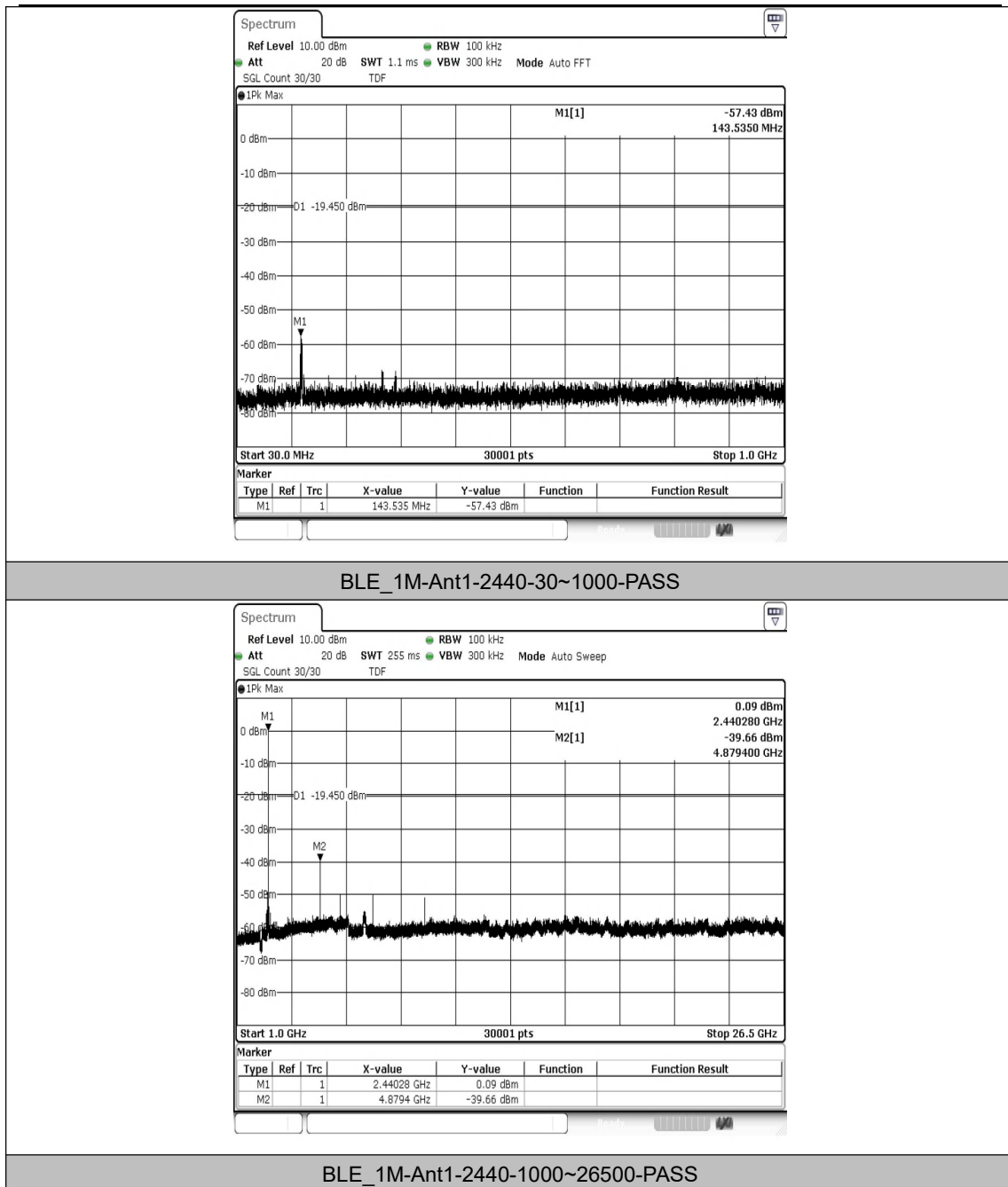


Shenzhen Anbotek Compliance Laboratory Limited

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





Shenzhen Anbotek Compliance Laboratory Limited

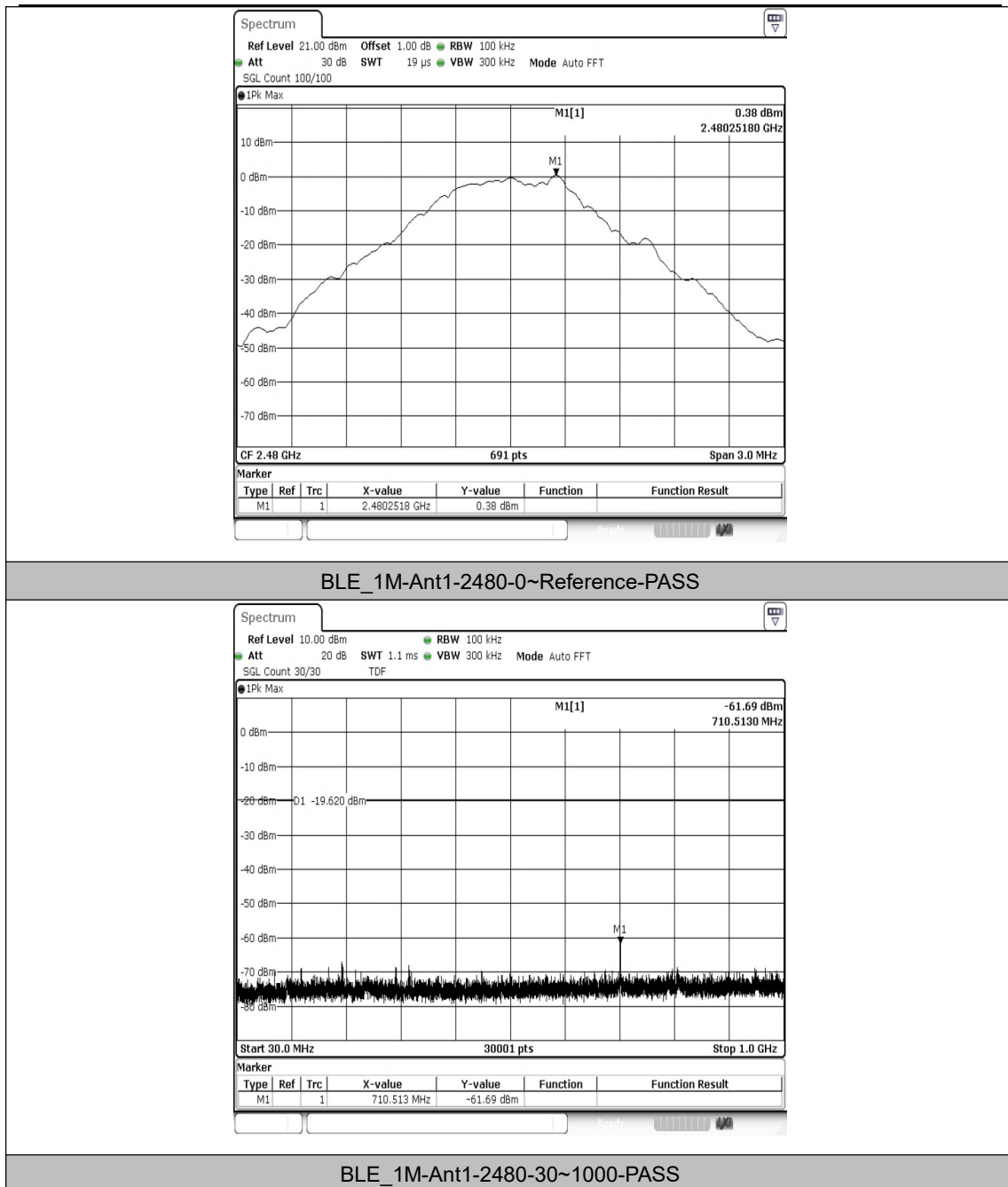
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

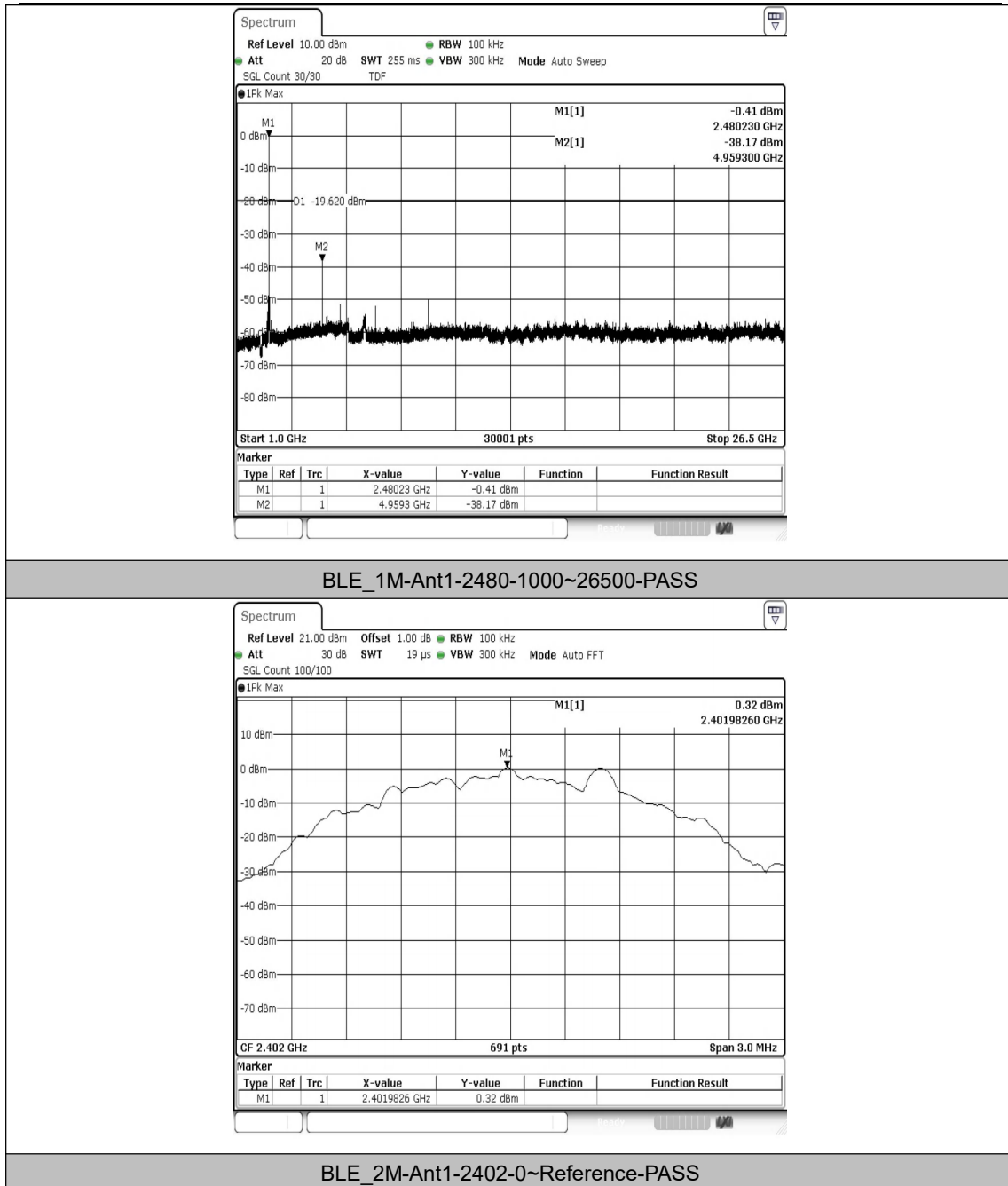
Tel:(86)0755-26066440 Email:service@anbotek.com

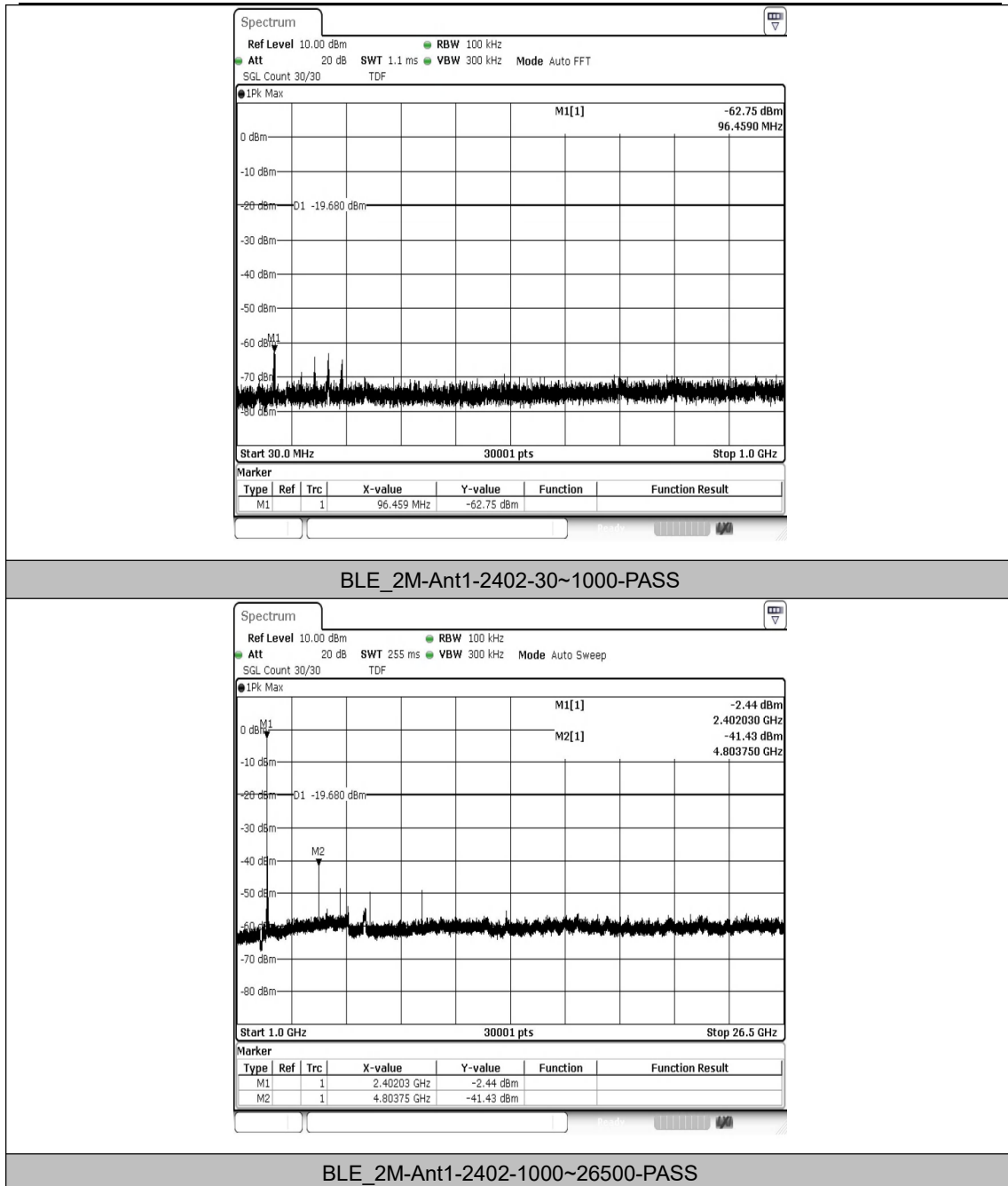


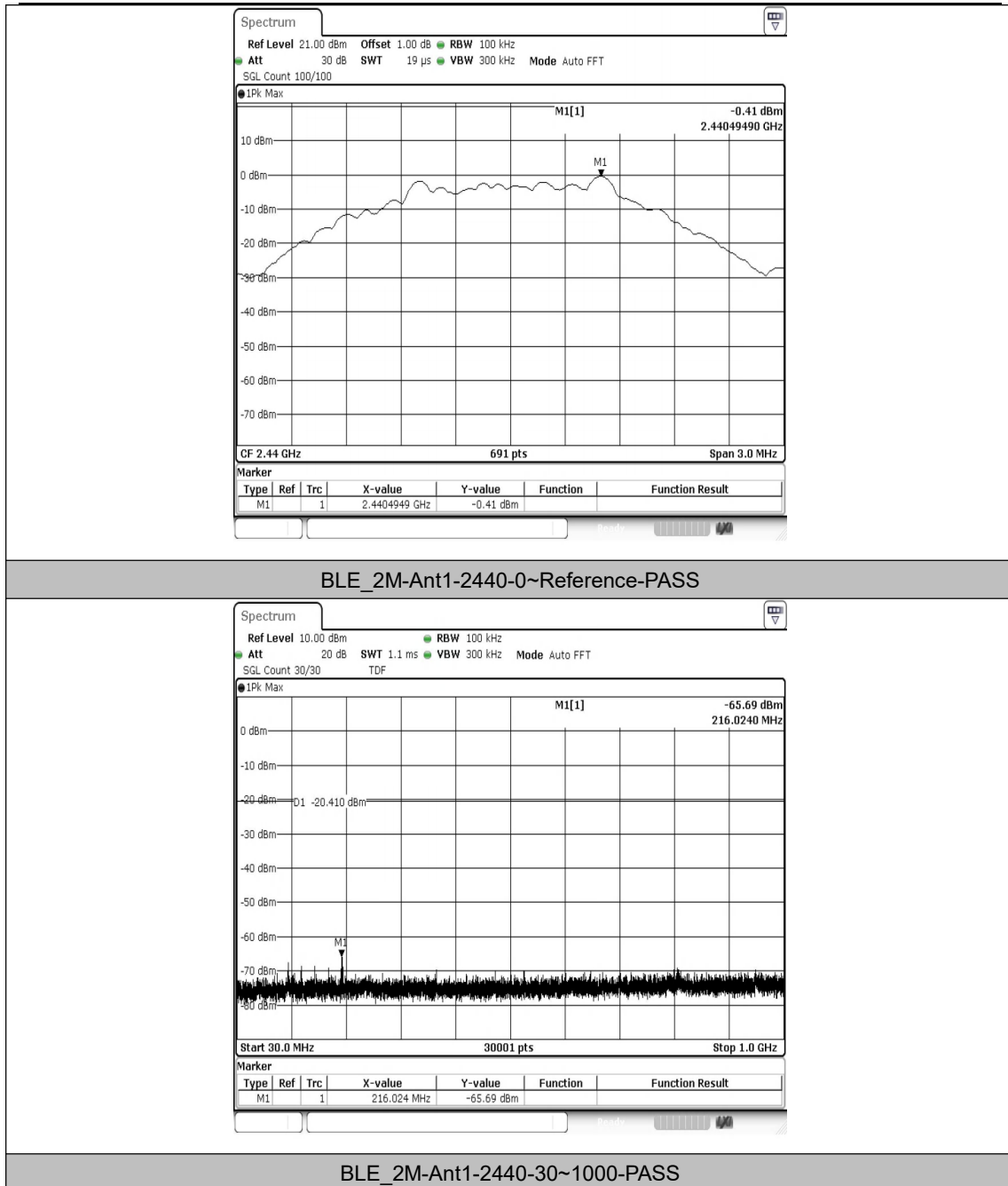
Hotline
400-003-0500

www.anbotek.com









Shenzhen Anbotek Compliance Laboratory Limited

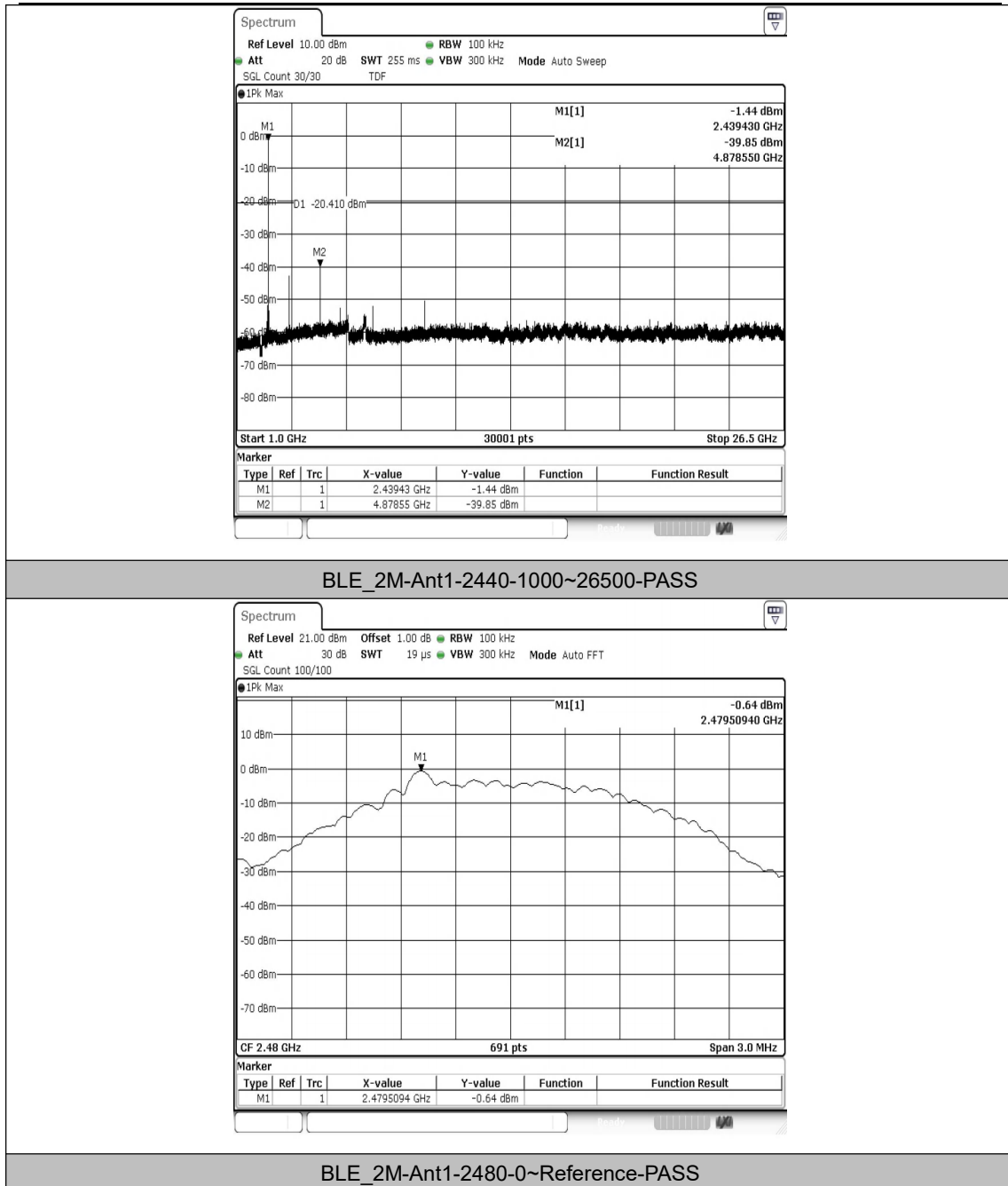
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Tel:(86)0755-26066440 Email:service@anbotek.com



Hotline
400-003-0500

www.anbotek.com



Shenzhen Anbotek Compliance Laboratory Limited

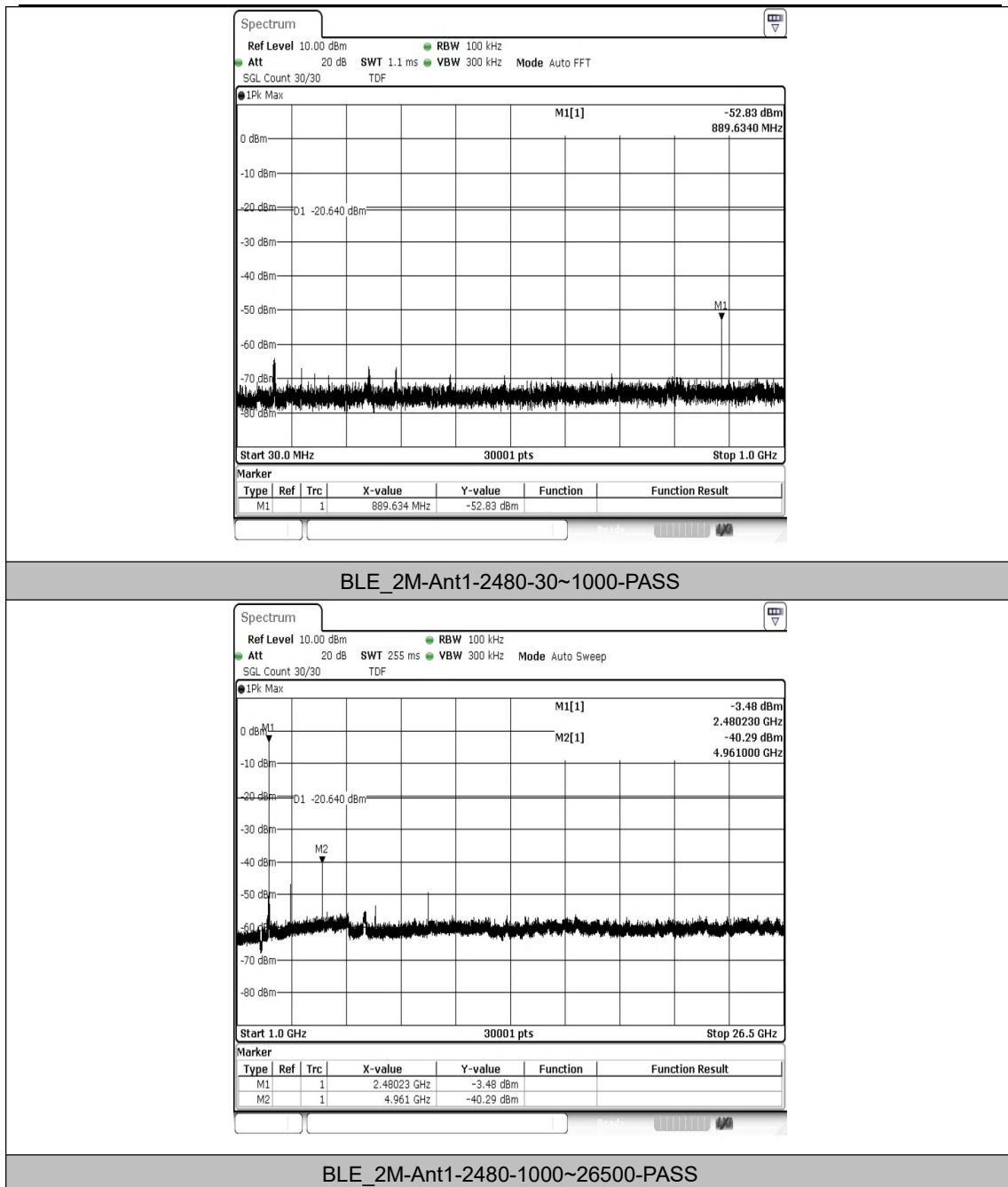
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

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]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2440	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2402	1.06	2.49	42.57	3.71
BLE_2M	Ant1	2440	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2480	1.06	2.49	42.57	3.71

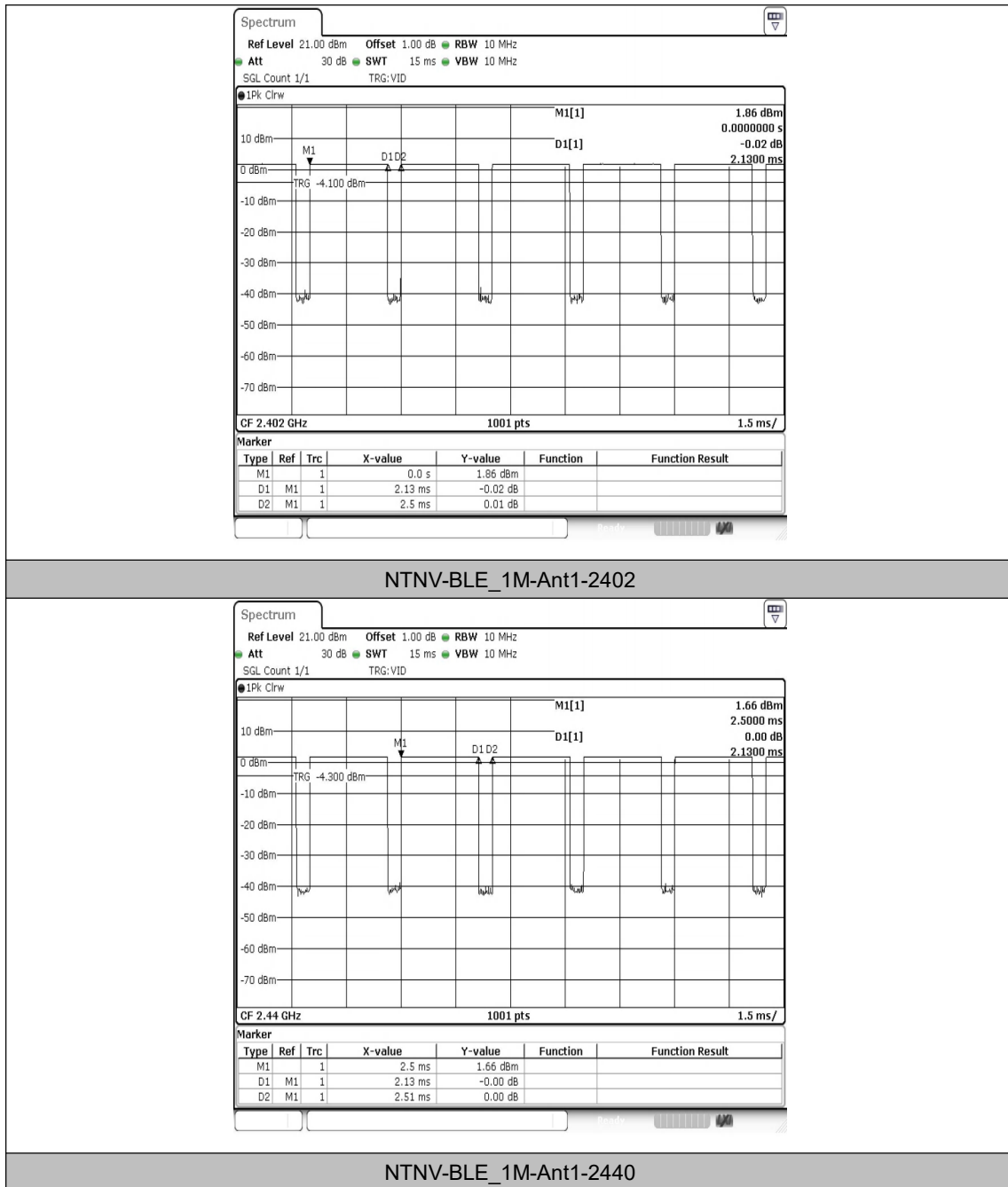
Shenzhen Anbotek Compliance Laboratory Limited

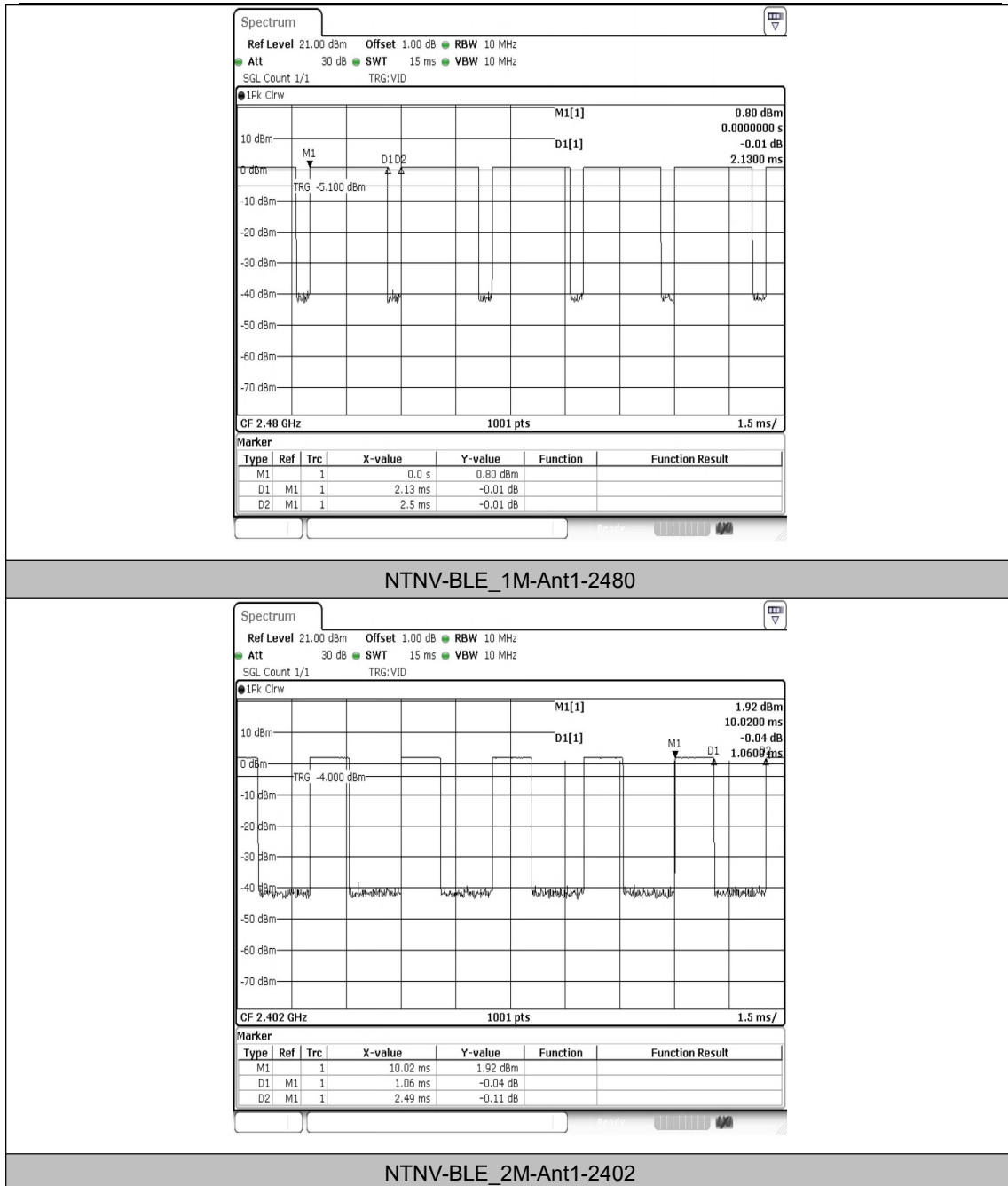
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

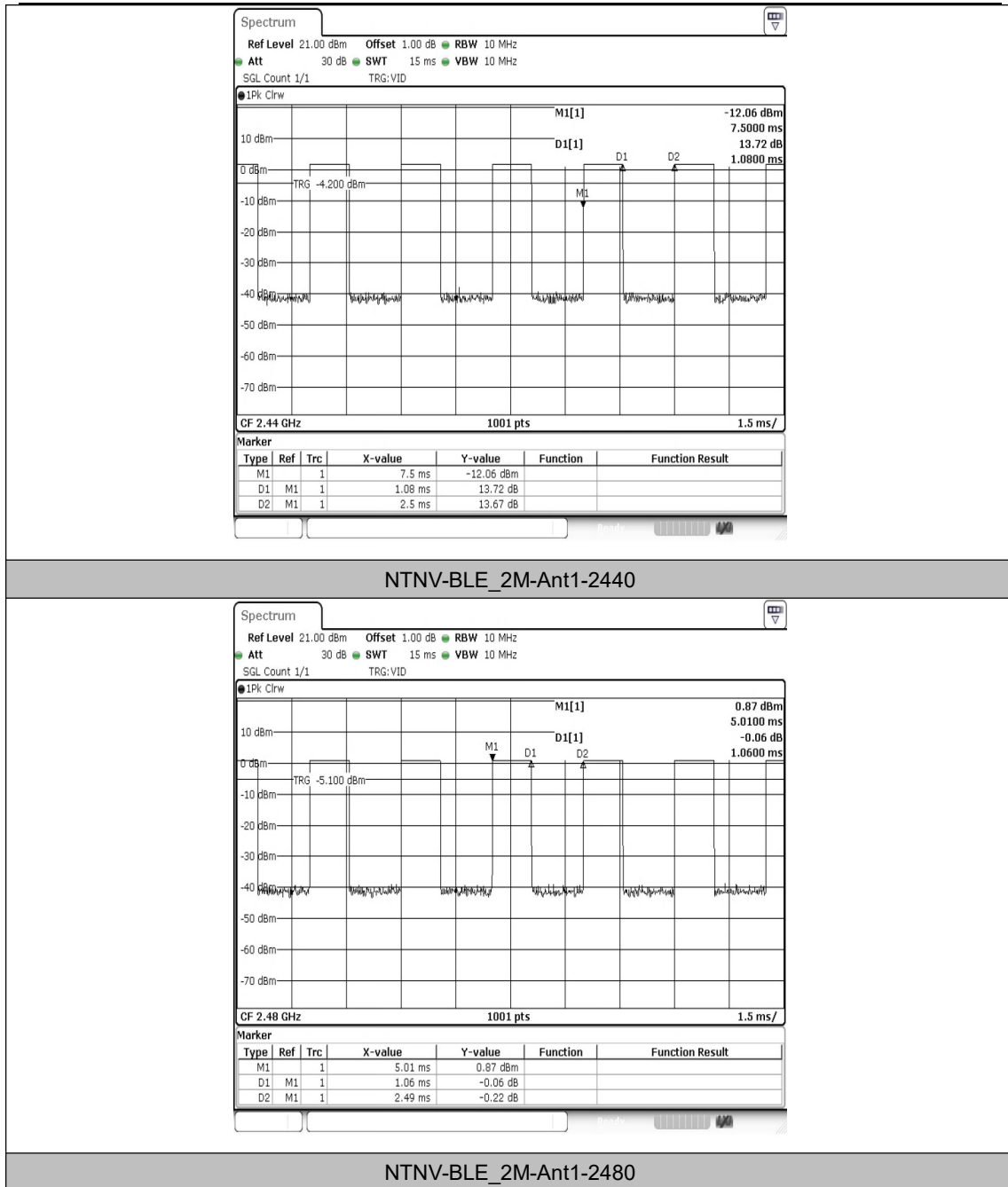


Hotline
400-003-0500
www.anbotek.com

Test Graphs







---End---