

Appendix Test Data

Report No.:	1812C50011112502	Test Sample No.:	1-2-2
Start Test Date:	2025.1.10	Finish Test Date:	2025.1.11
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.2°C	Relative Humidity:	51%
Pressure:	101kPa		

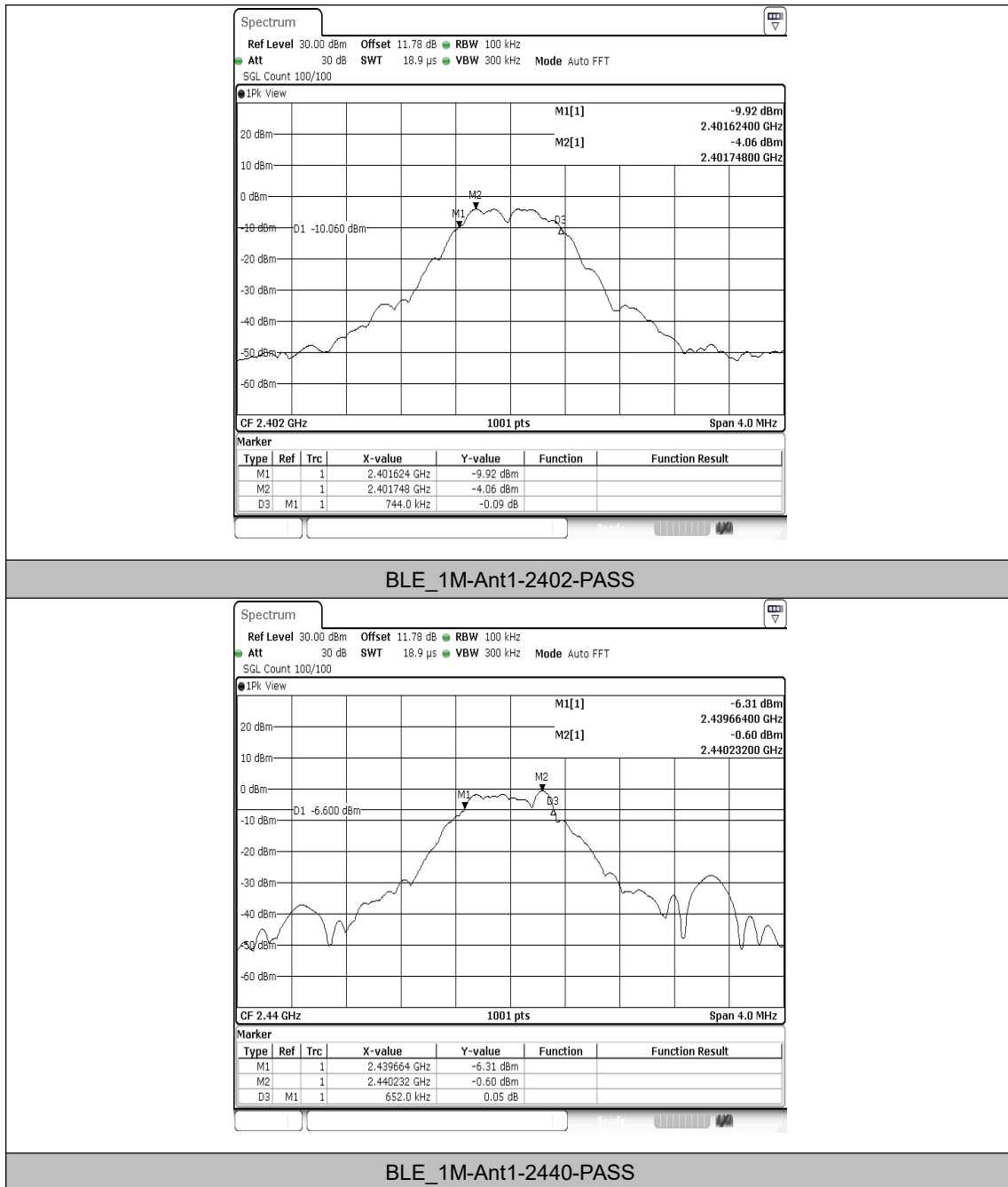
Appendix A: 6dB Bandwidth

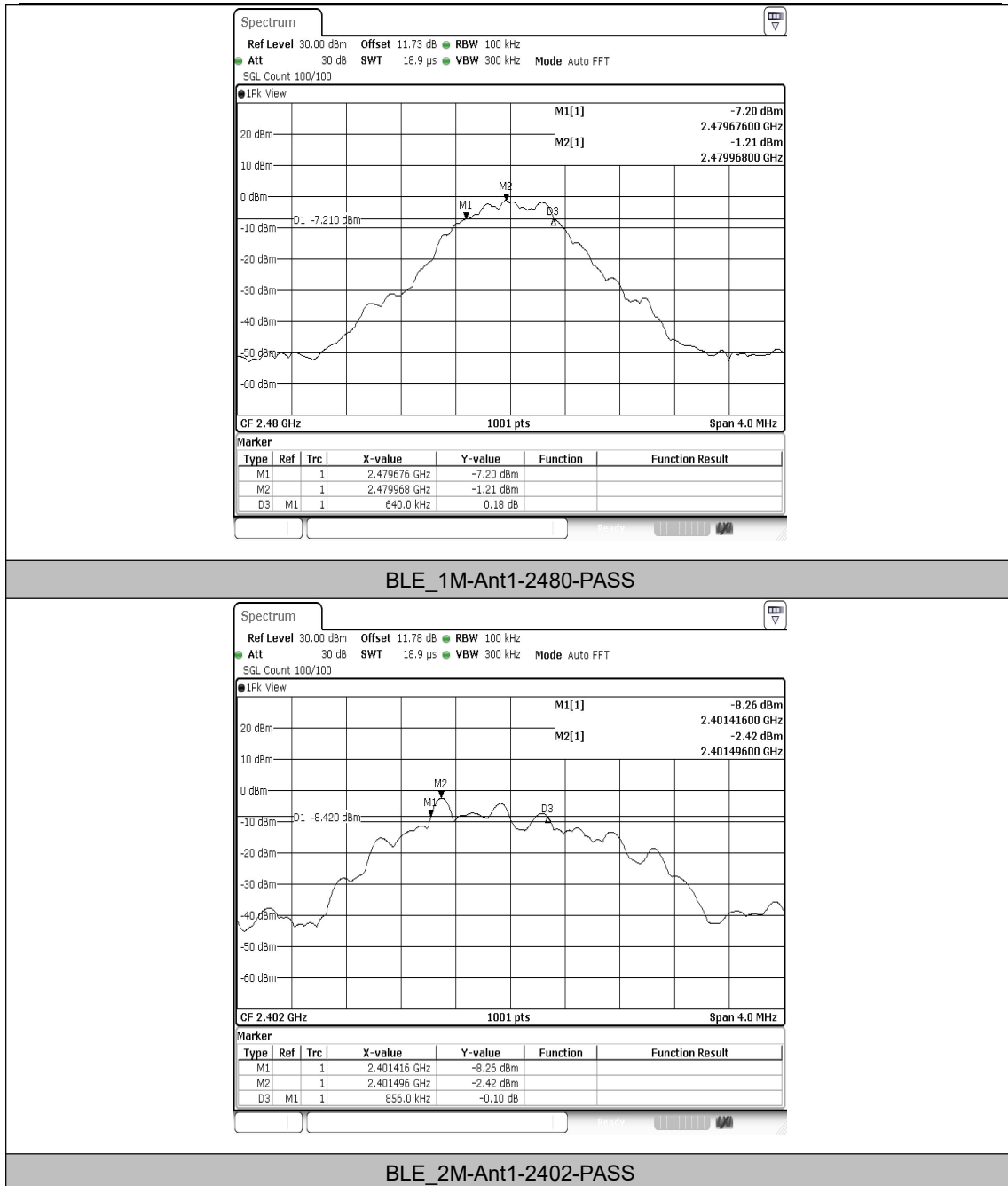
Test Result

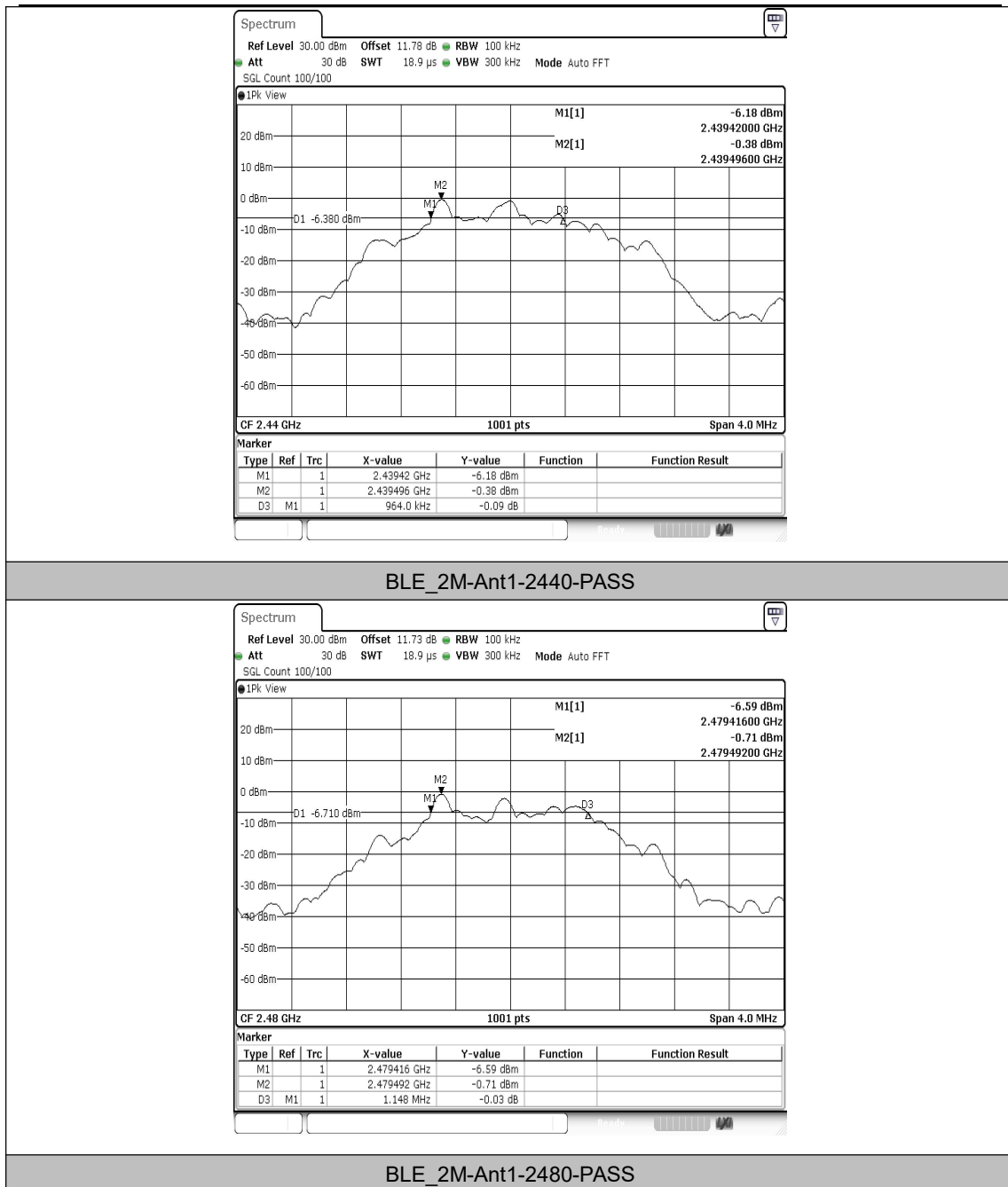
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.74	2401.62	2402.37	0.5	PASS
BLE_1M	Ant1	2440	0.65	2439.66	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.68	2480.32	0.5	PASS
BLE_2M	Ant1	2402	0.86	2401.42	2402.27	0.5	PASS
BLE_2M	Ant1	2440	0.96	2439.42	2440.38	0.5	PASS
BLE_2M	Ant1	2480	1.15	2479.42	2480.56	0.5	PASS



Test Graphs





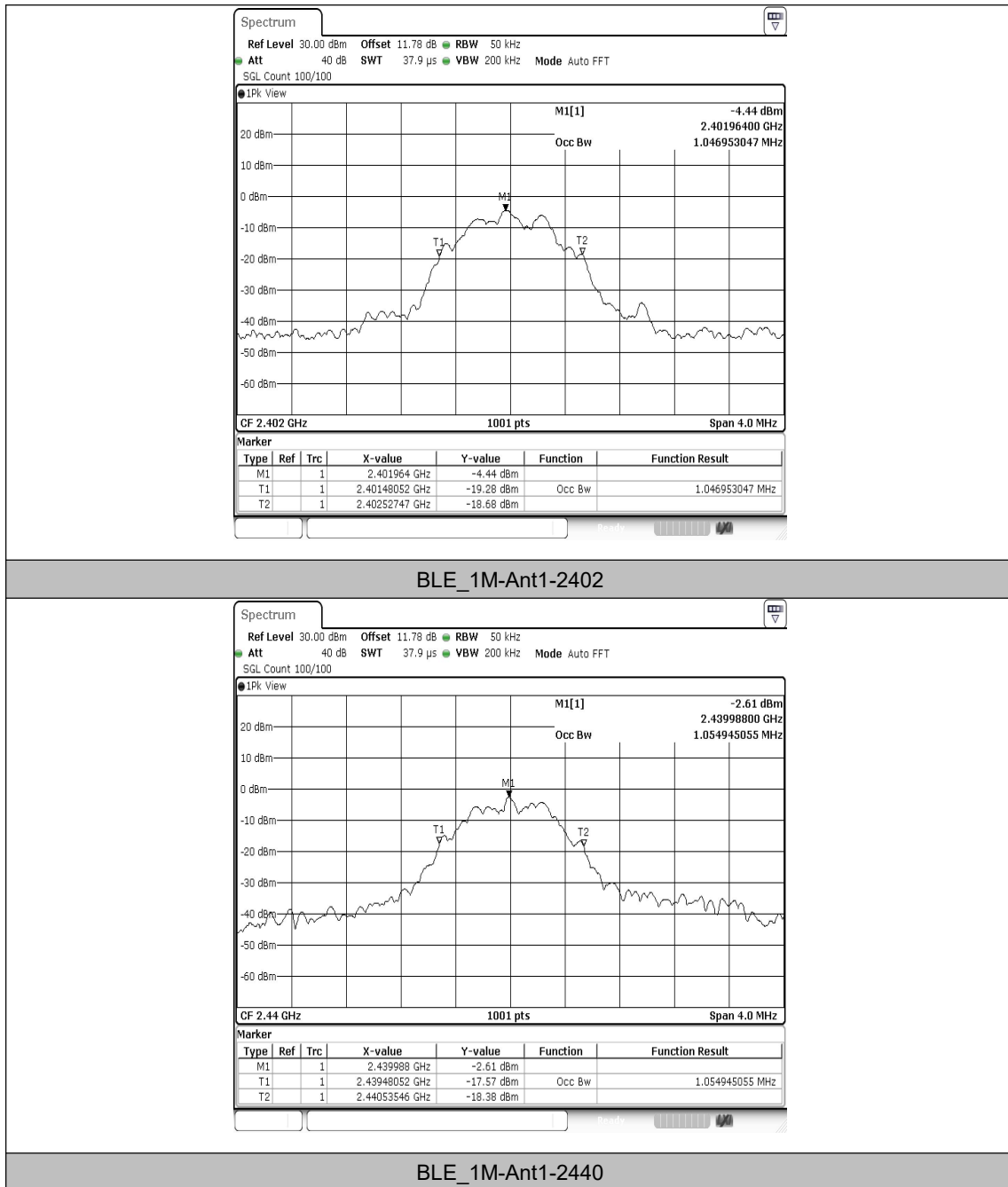


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.047	2401.4805	2402.5275	---	---
BLE_1M	Ant1	2440	1.055	2439.4805	2440.5355	---	---
BLE_1M	Ant1	2480	1.083	2479.4525	2480.5355	---	---
BLE_2M	Ant1	2402	1.99	2401.0010	2402.9910	---	---
BLE_2M	Ant1	2440	2.054	2438.9810	2441.0350	---	---
BLE_2M	Ant1	2480	2.054	2478.9850	2481.0390	---	---

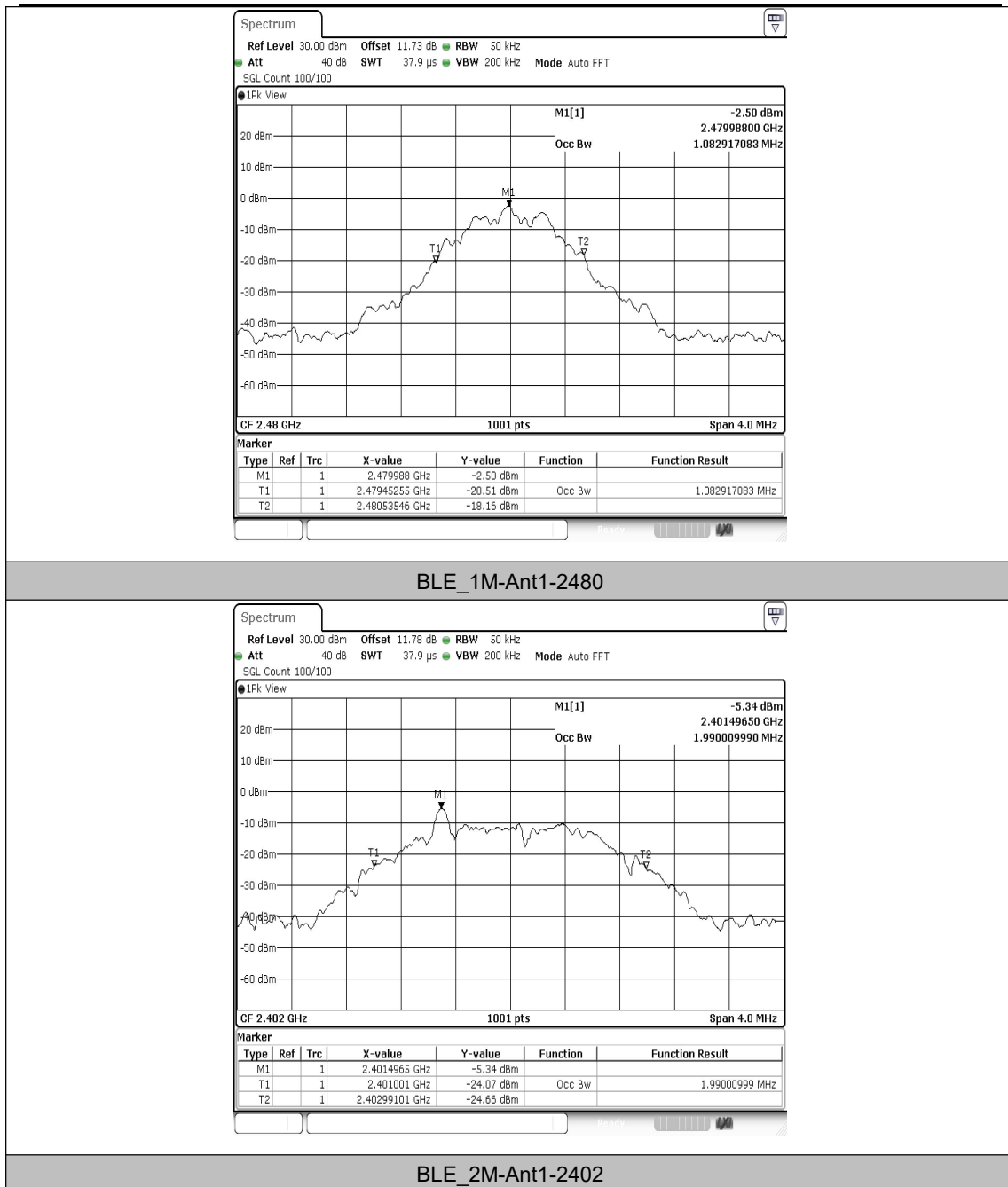
Test Graphs

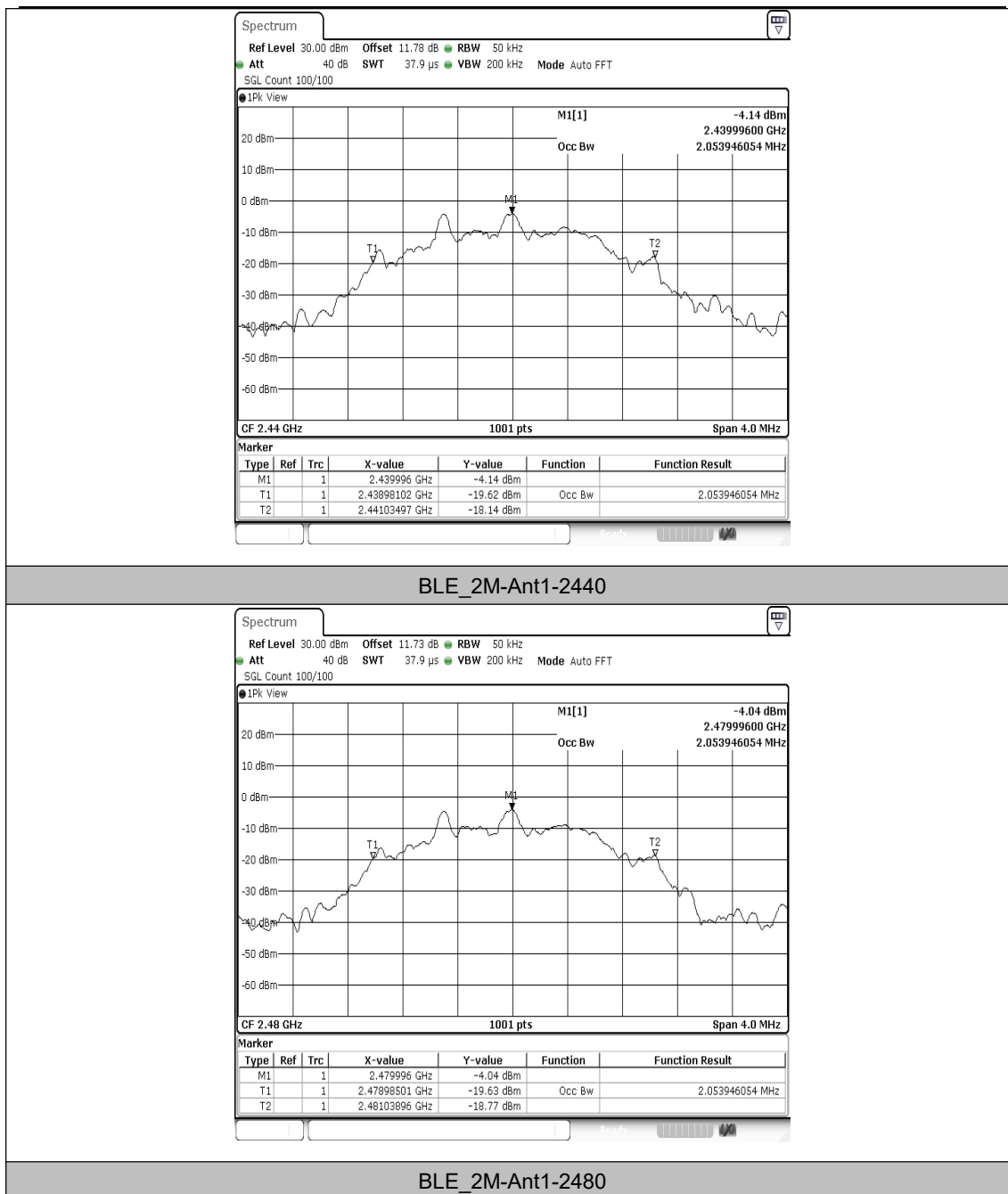


Shenzhen Anbotek Compliance Laboratory Limited

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



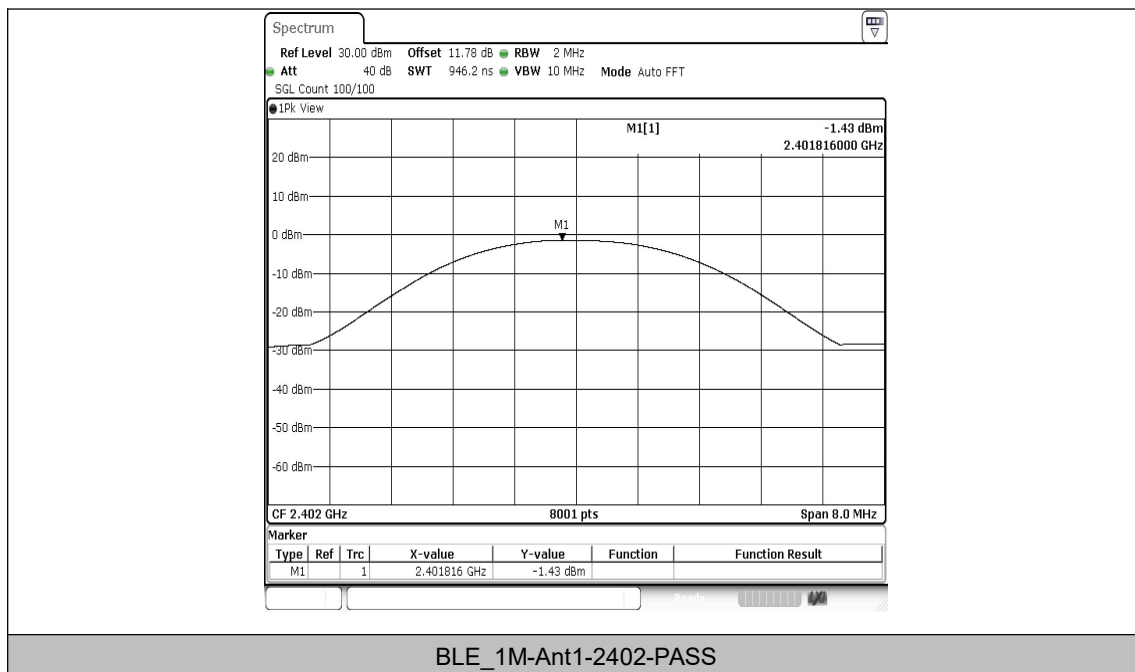


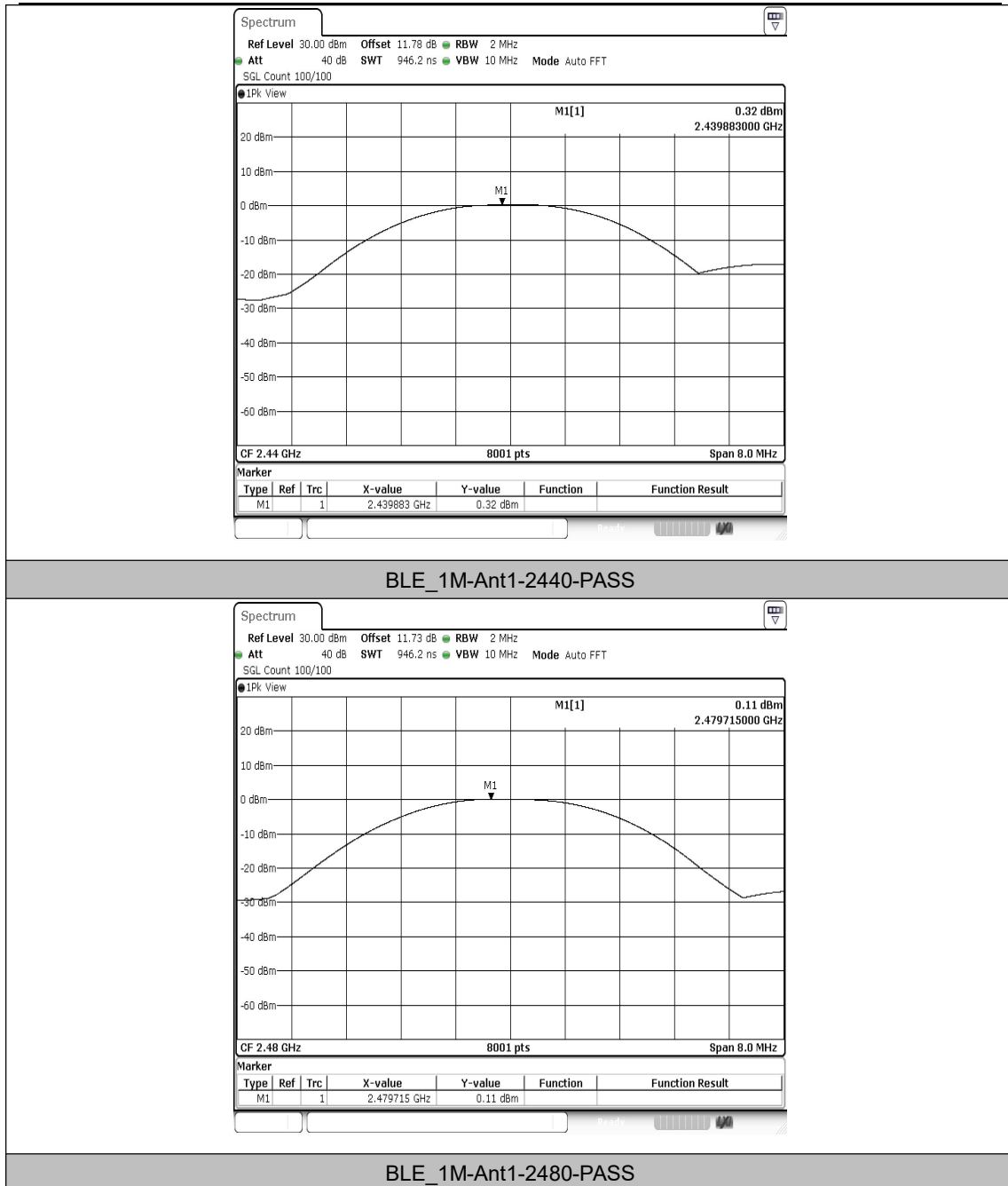
Appendix C: Maximum conducted output power

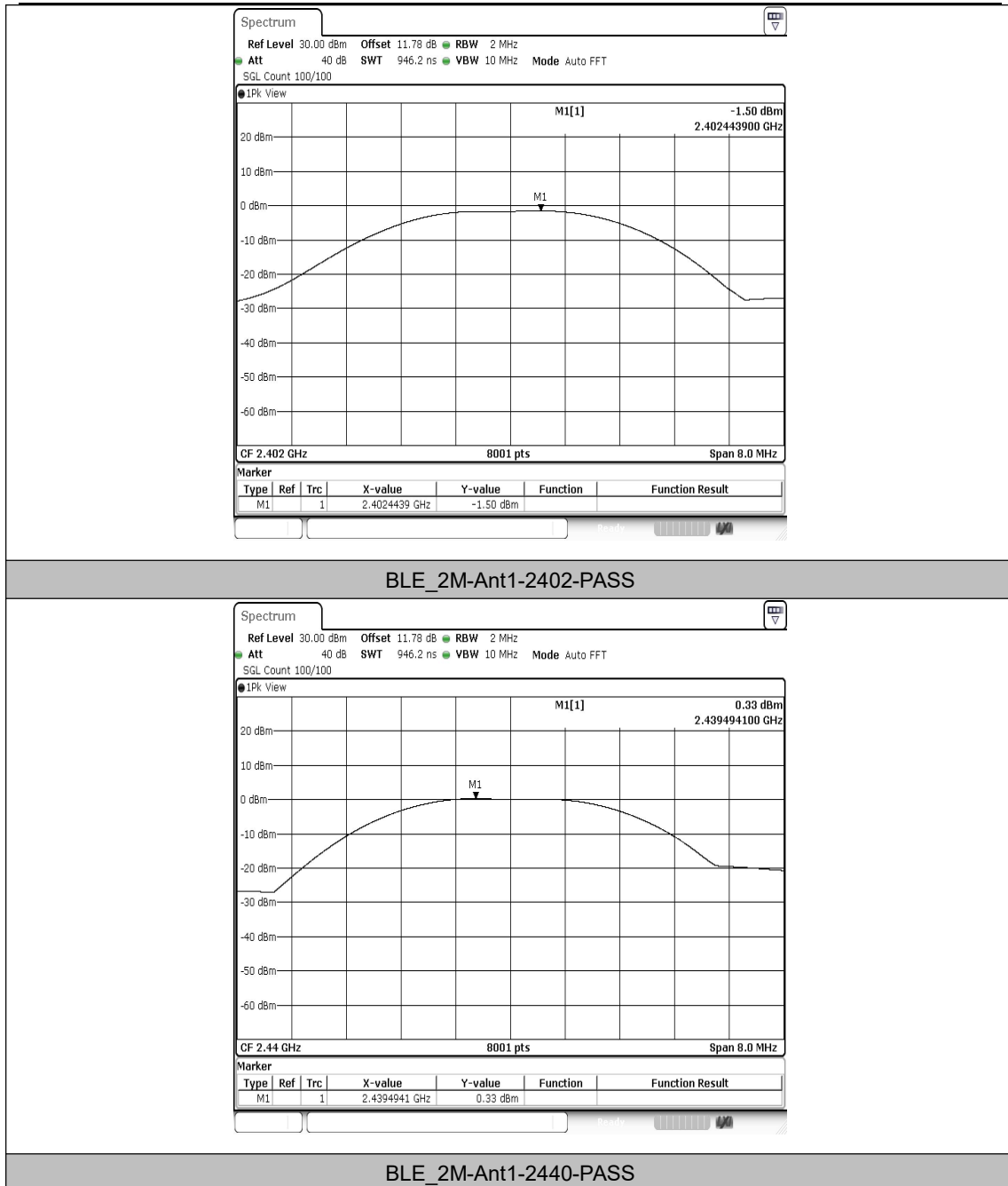
Test Result Peak

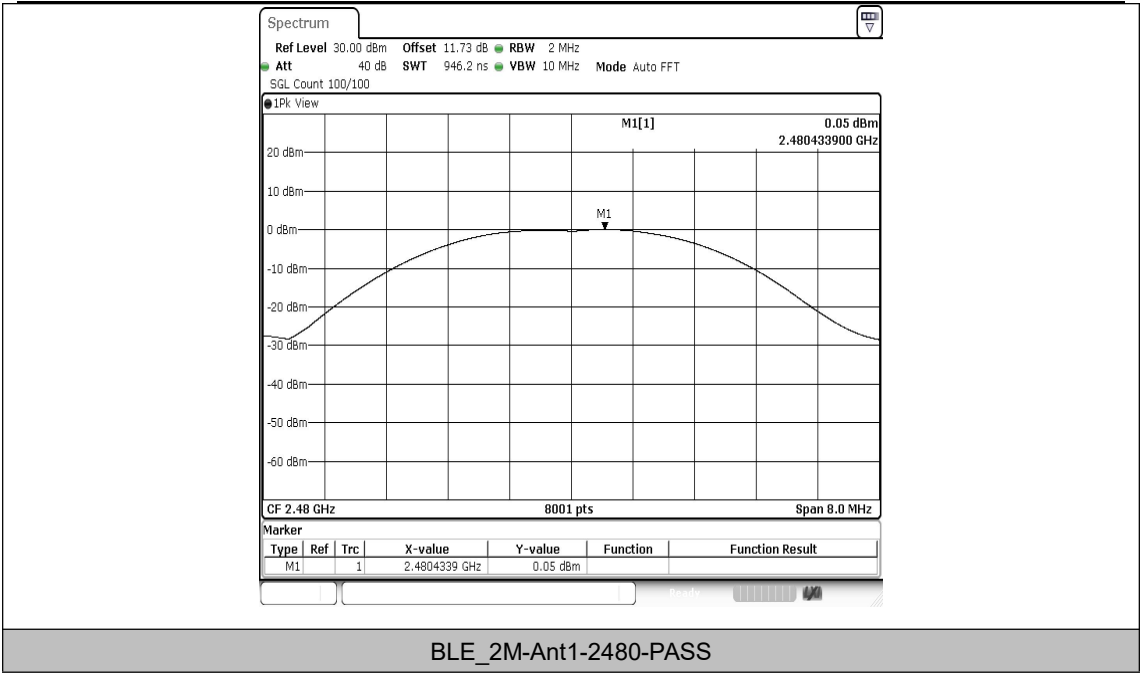
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.43	≤30	PASS
BLE_1M	Ant1	2440	0.32	≤30	PASS
BLE_1M	Ant1	2480	0.11	≤30	PASS
BLE_2M	Ant1	2402	-1.50	≤30	PASS
BLE_2M	Ant1	2440	0.33	≤30	PASS
BLE_2M	Ant1	2480	0.05	≤30	PASS

Test Graphs Peak









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

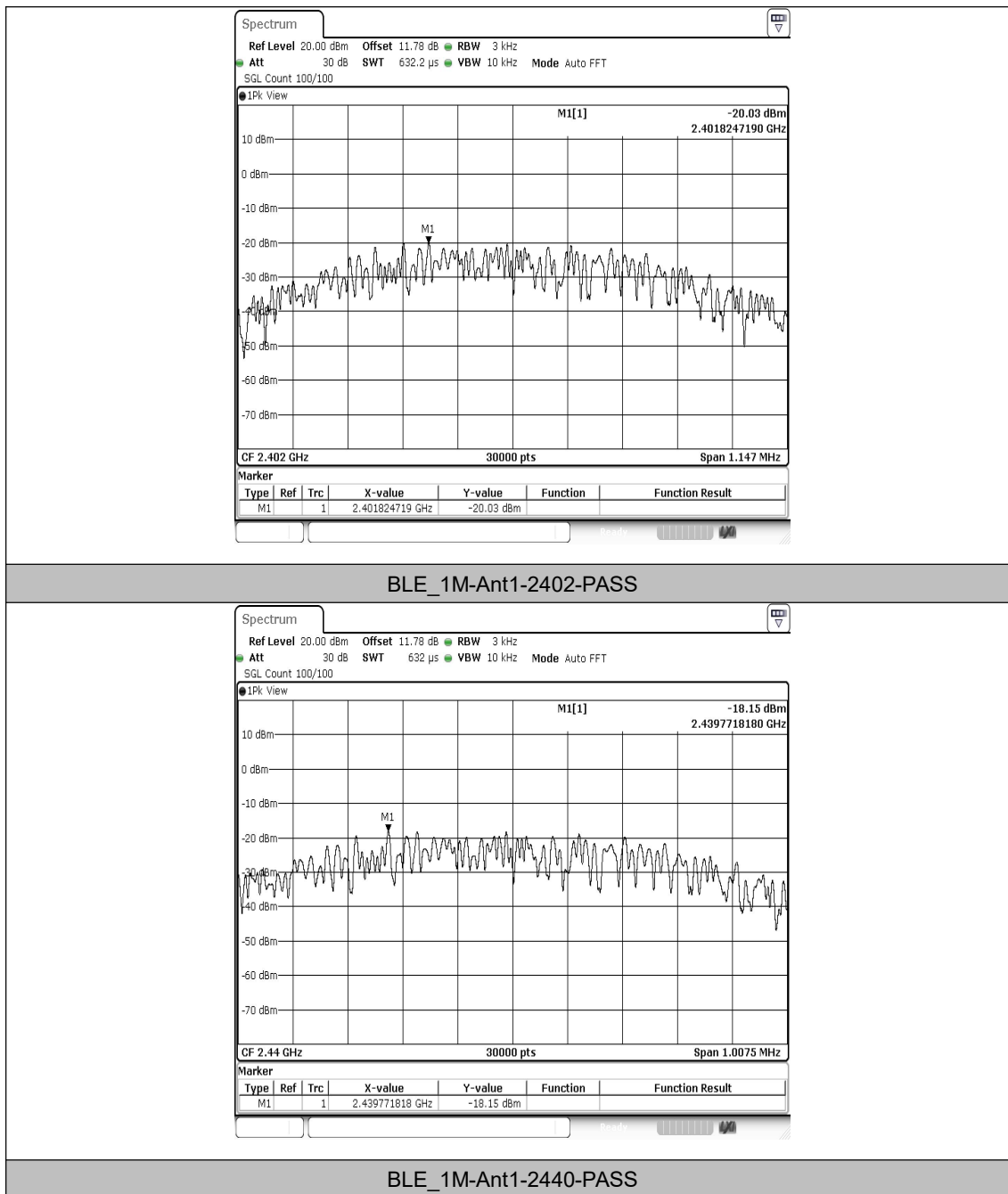
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-20.03	≤8.00	PASS
BLE_1M	Ant1	2440	-18.15	≤8.00	PASS
BLE_1M	Ant1	2480	-18.32	≤8.00	PASS
BLE_2M	Ant1	2402	-23.51	≤8.00	PASS
BLE_2M	Ant1	2440	-21.39	≤8.00	PASS
BLE_2M	Ant1	2480	-21.30	≤8.00	PASS

Test Graphs

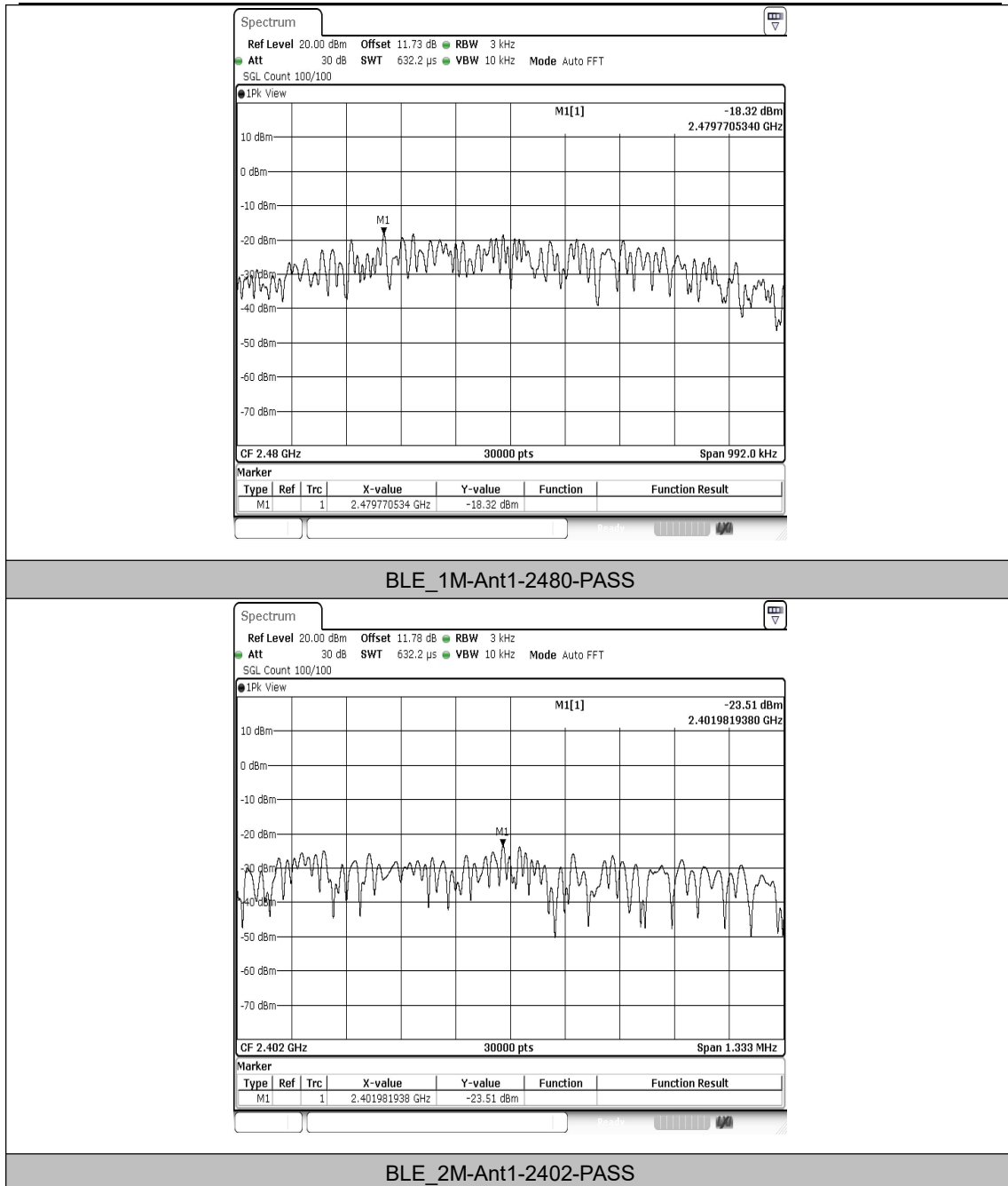


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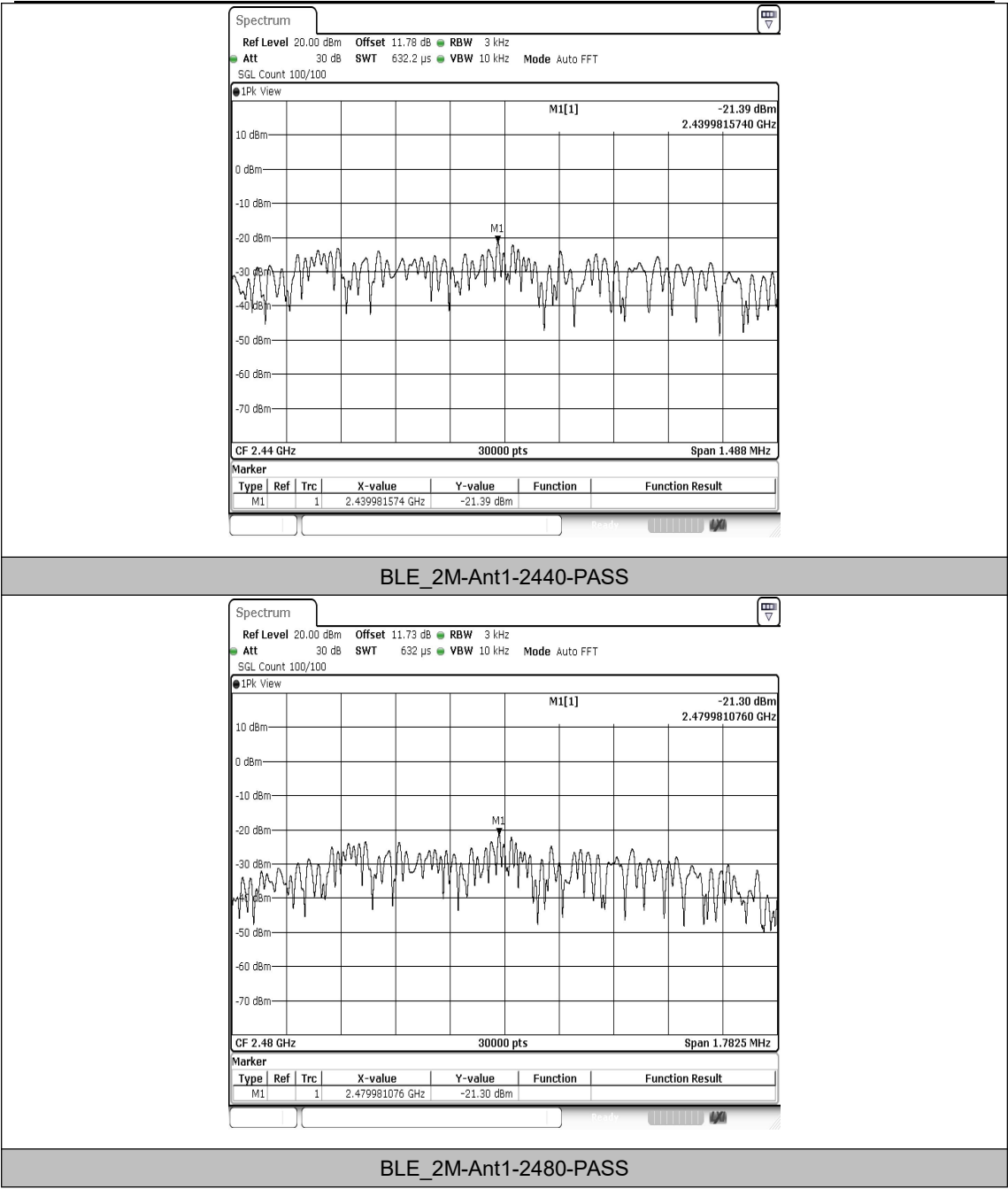
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400-003-0500
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

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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	-2.50	-48.23	≤ -22.5	PASS
BLE_1M	Ant1	High	2480	-0.96	-45.46	≤ -20.96	PASS
BLE_2M	Ant1	Low	2402	-2.28	-36.72	≤ -22.28	PASS
BLE_2M	Ant1	High	2480	-1.70	-46.09	≤ -21.7	PASS