

Appendix Test Data

Report No.:	1812C40144512501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.19	Finish Test Date:	2024.11.25
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.3℃	Relative Humidity:	56%
Pressure:	101kPa		

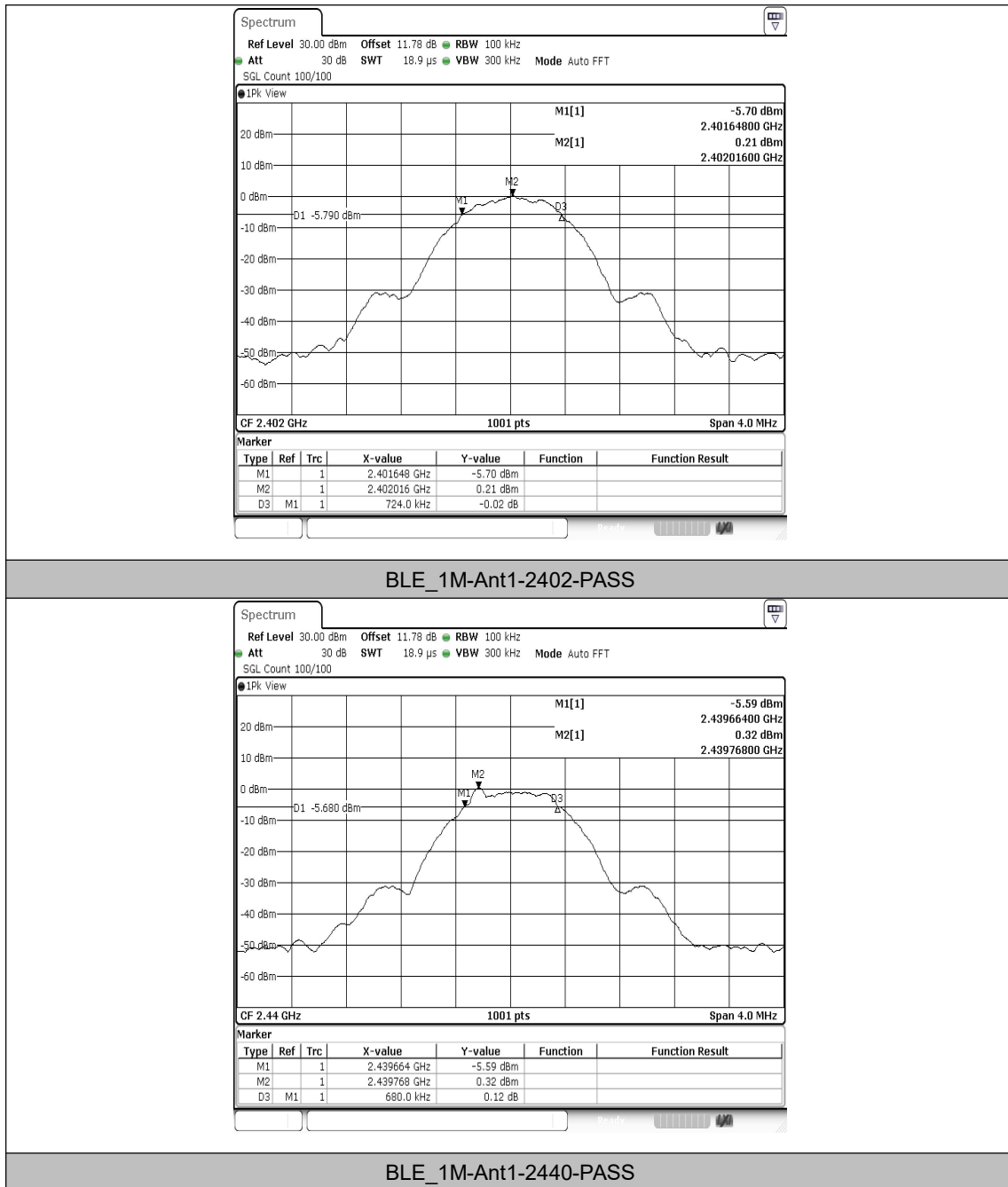
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.72	2401.65	2402.37	0.5	PASS
BLE_1M	Ant1	2440	0.68	2439.66	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.68	2479.68	2480.36	0.5	PASS



Test Graphs





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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



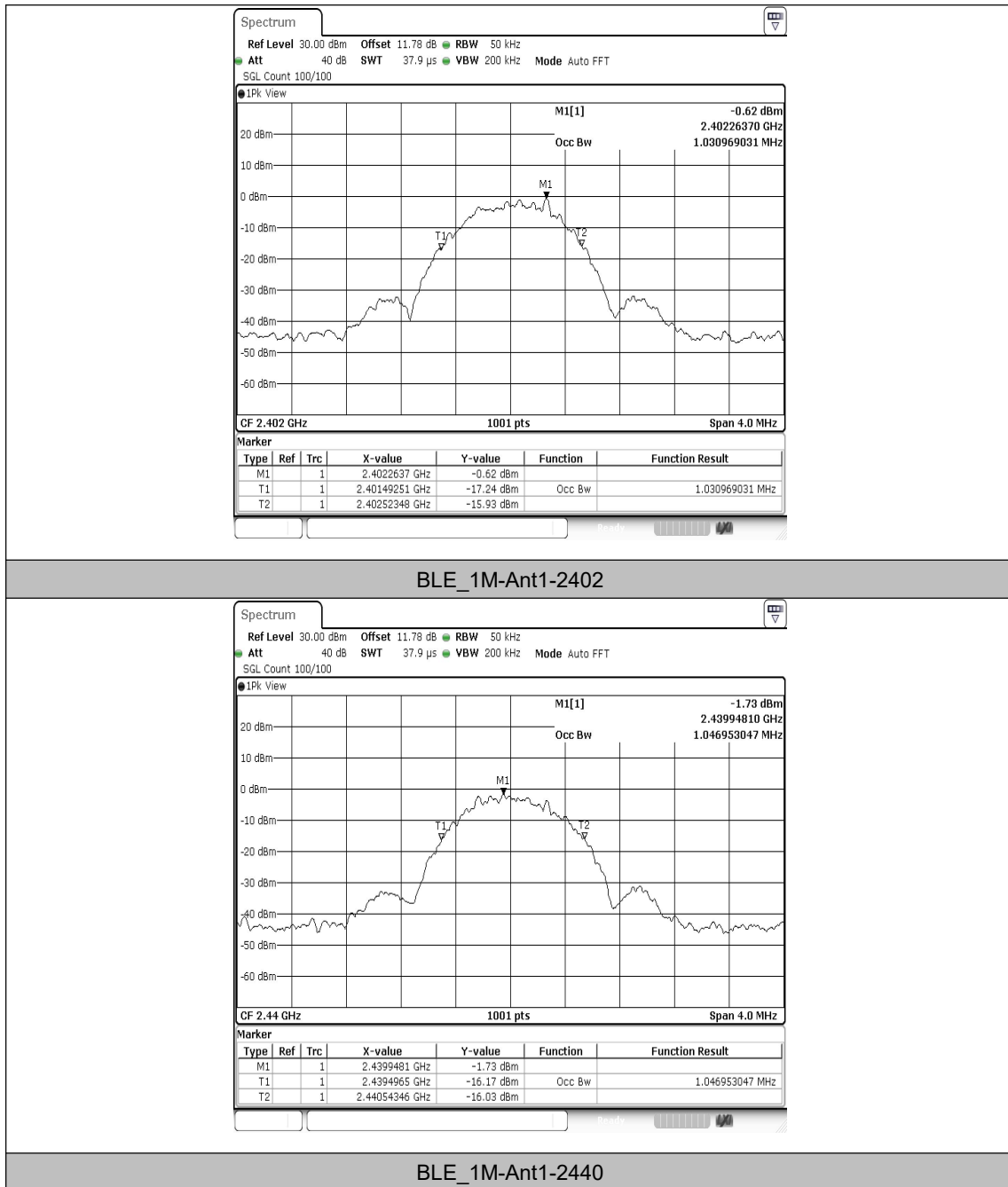
Appendix B: 99% Occupied Bandwidth

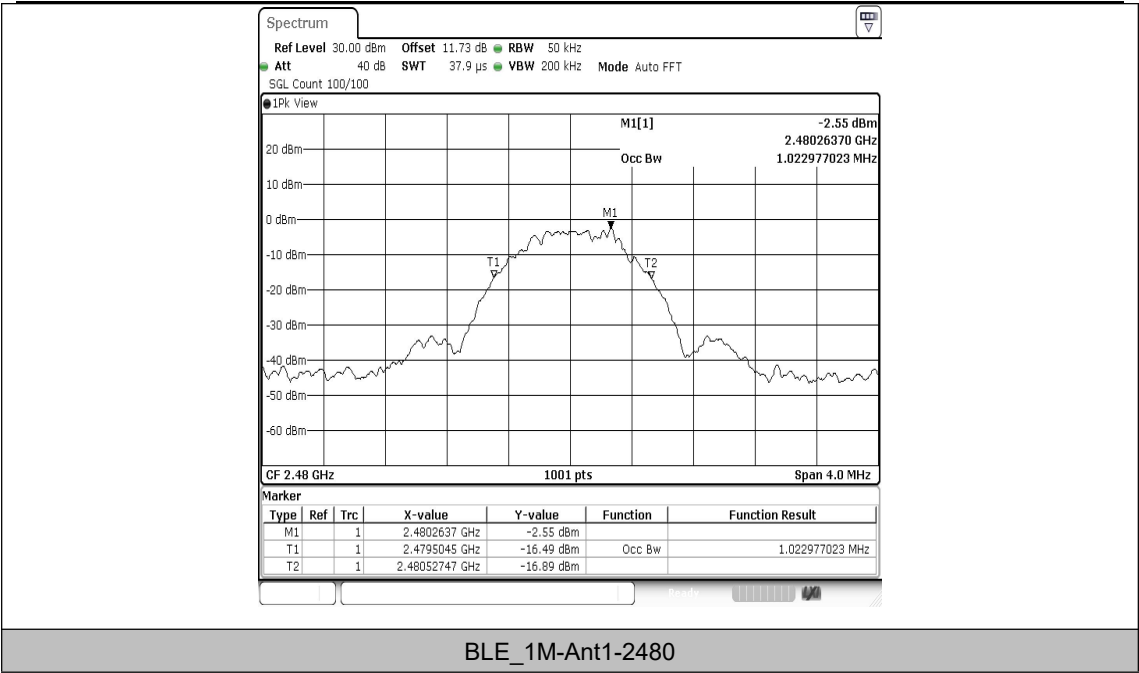
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.4925	2402.5235	---	---
BLE_1M	Ant1	2440	1.047	2439.4965	2440.5435	---	---
BLE_1M	Ant1	2480	1.023	2479.5045	2480.5275	---	---



Test Graphs





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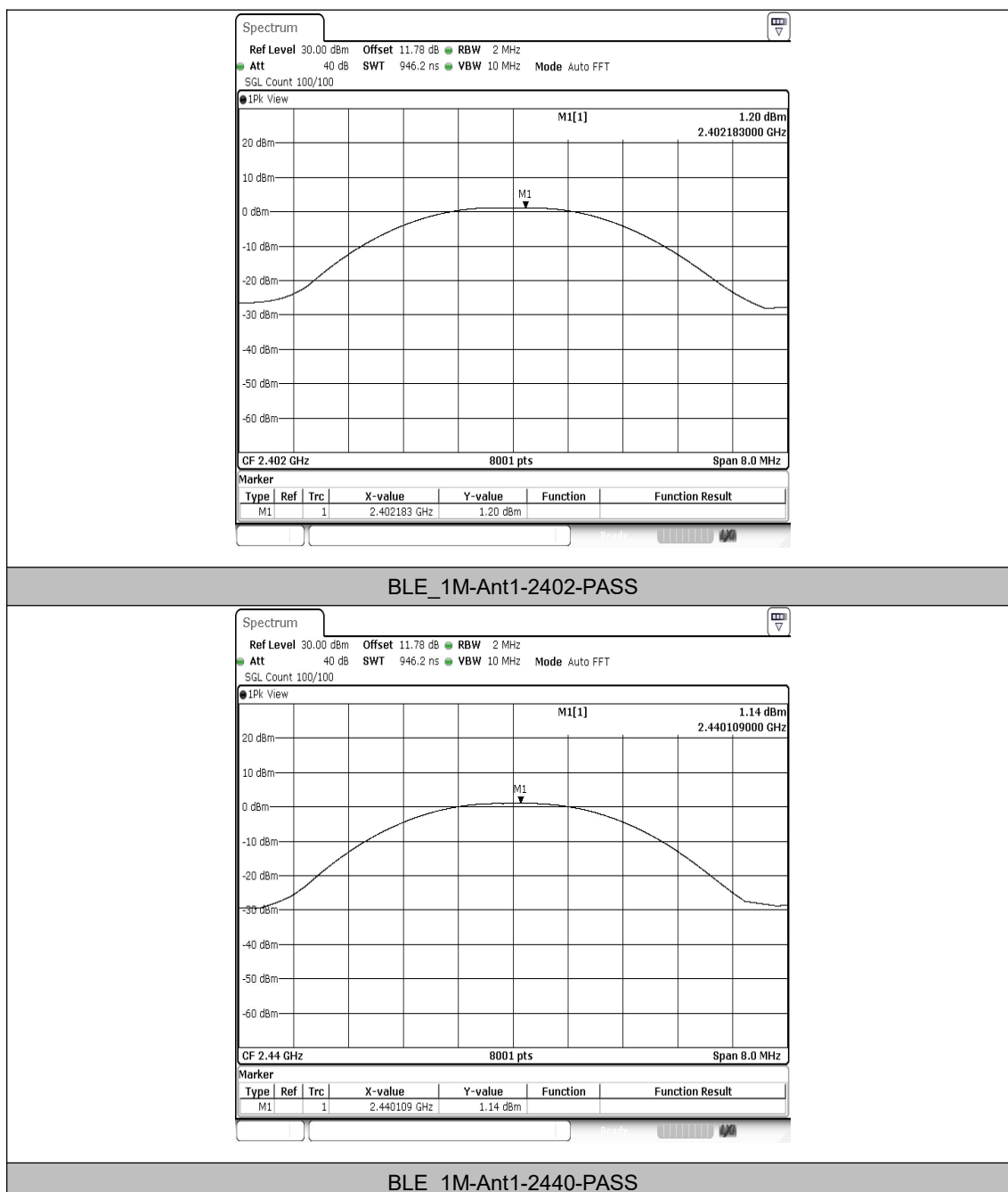


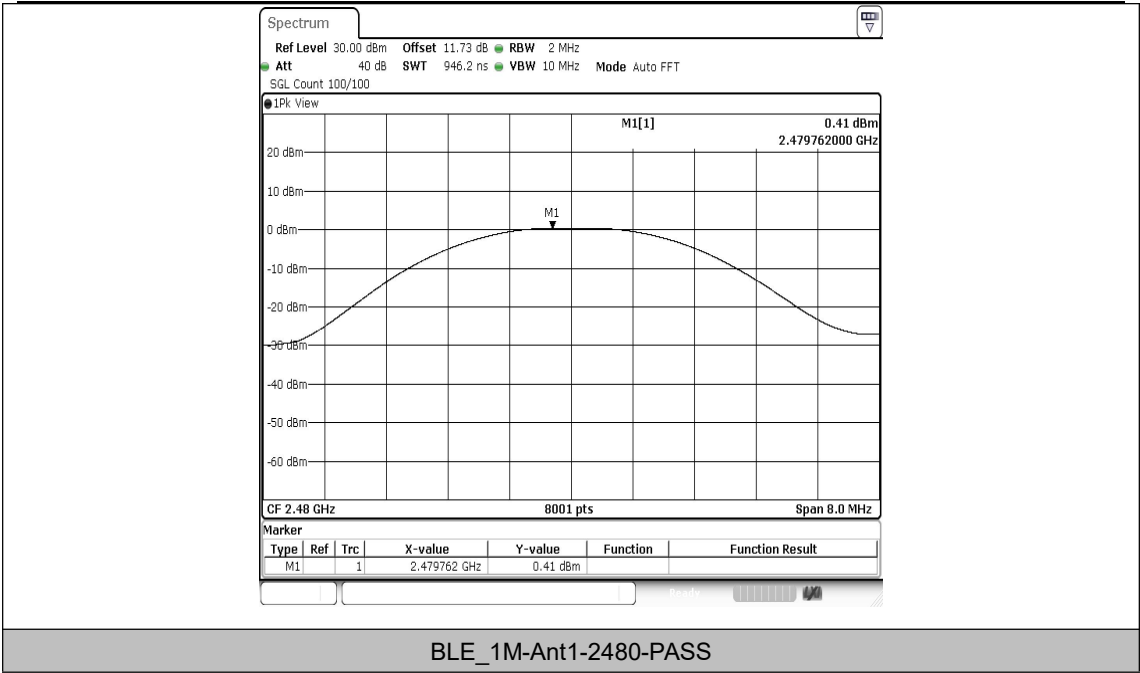
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.20	≤30	PASS
BLE_1M	Ant1	2440	1.14	≤30	PASS
BLE_1M	Ant1	2480	0.41	≤30	PASS

Test Graphs Peak





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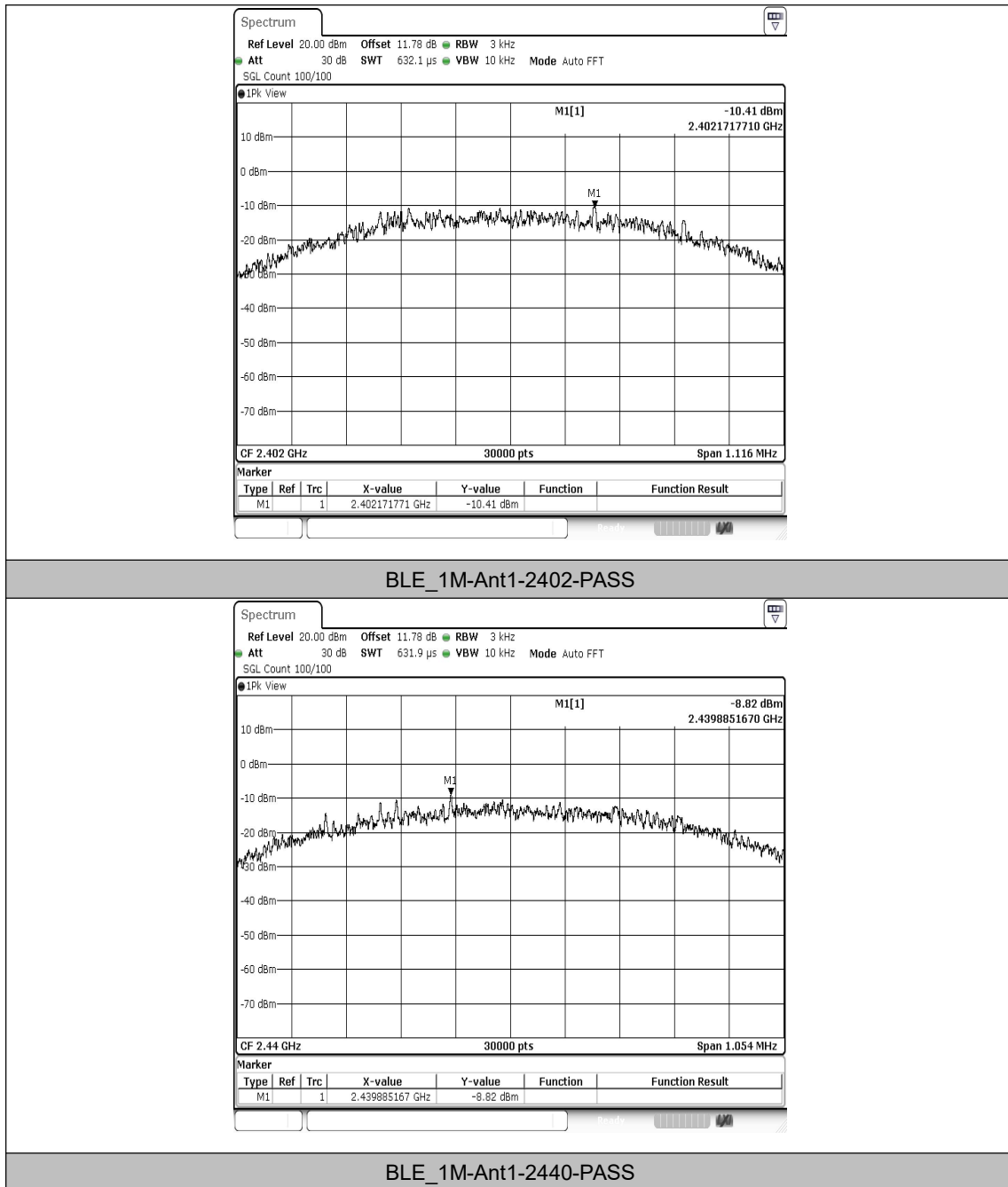
Appendix D: Maximum power spectral density

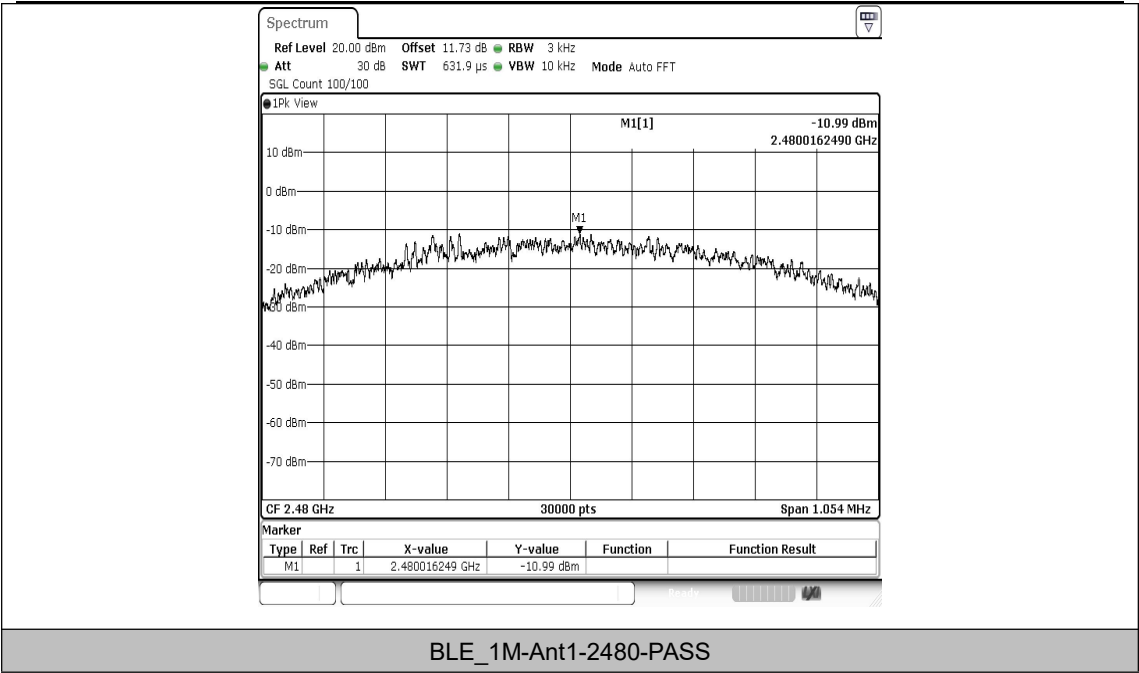
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.41	≤8.00	PASS
BLE_1M	Ant1	2440	-8.82	≤8.00	PASS
BLE_1M	Ant1	2480	-10.99	≤8.00	PASS



Test Graphs





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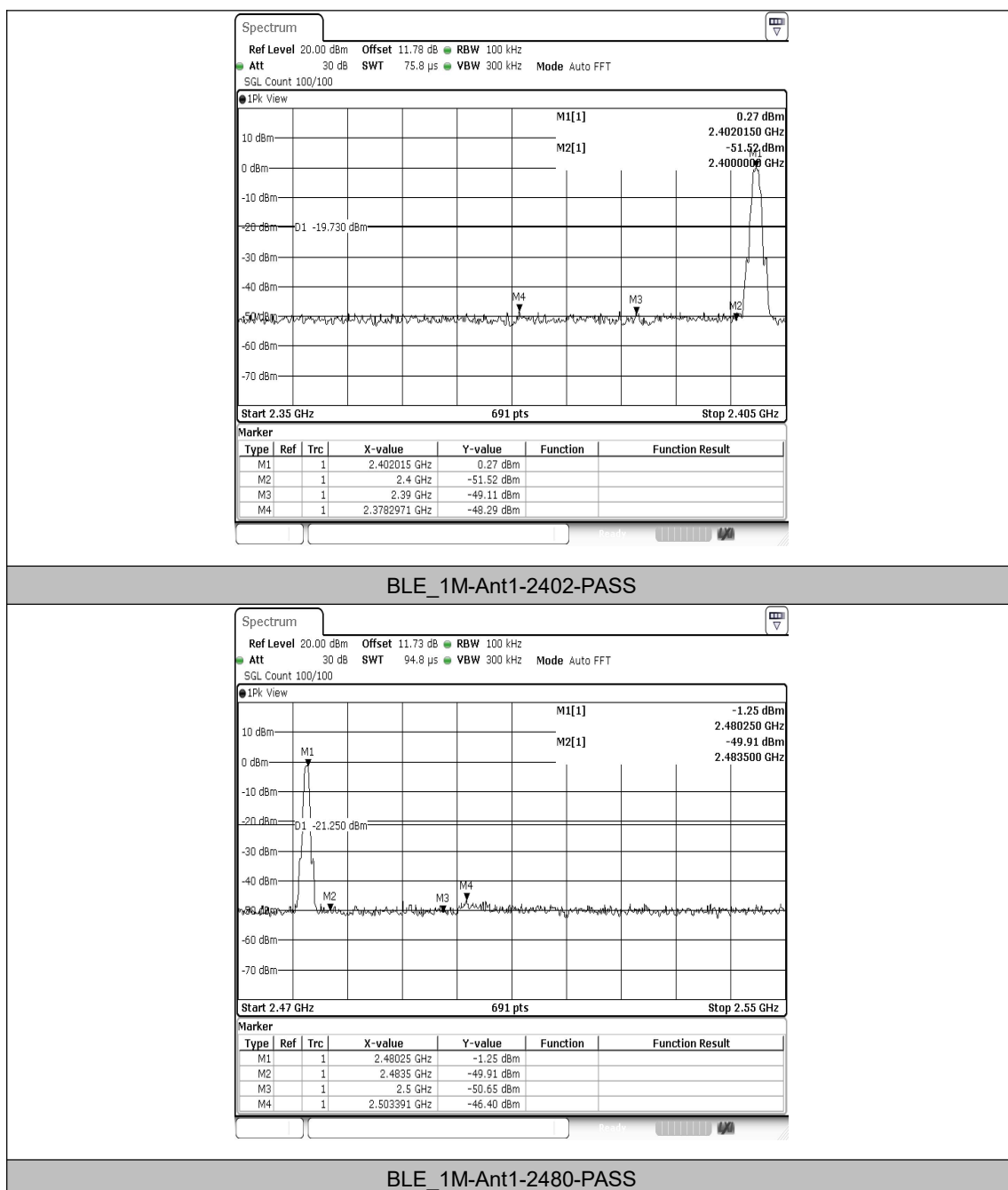


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.27	-48.29	≤-19.73	PASS
BLE_1M	Ant1	High	2480	-1.25	-46.4	≤-21.25	PASS

Test Graphs

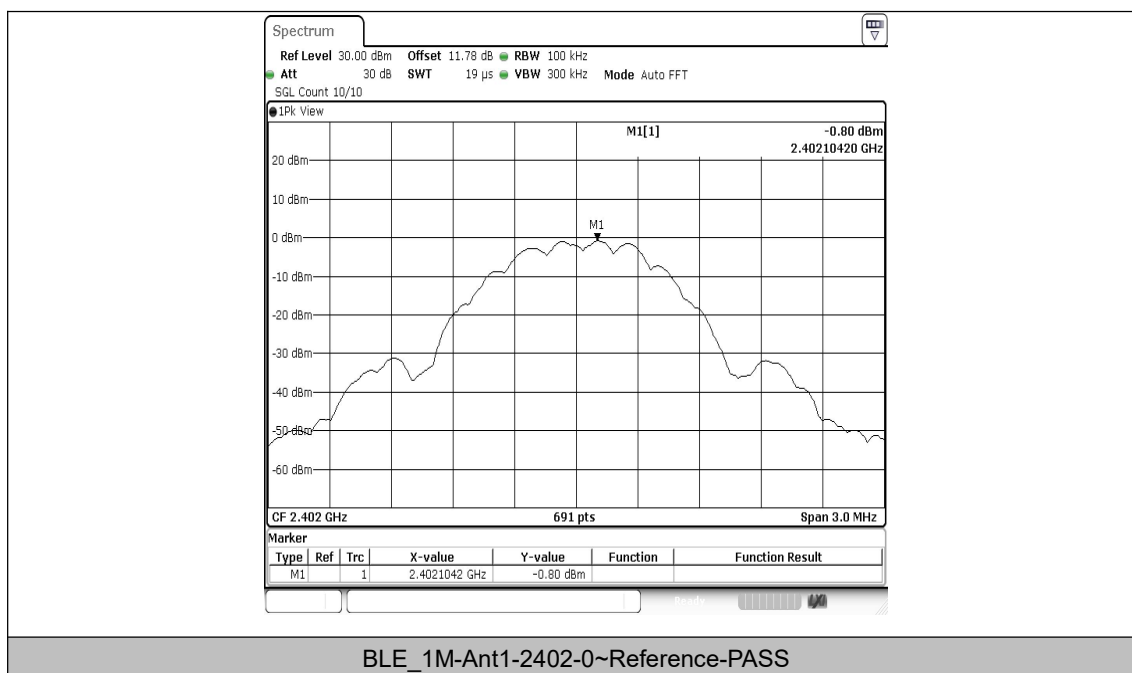


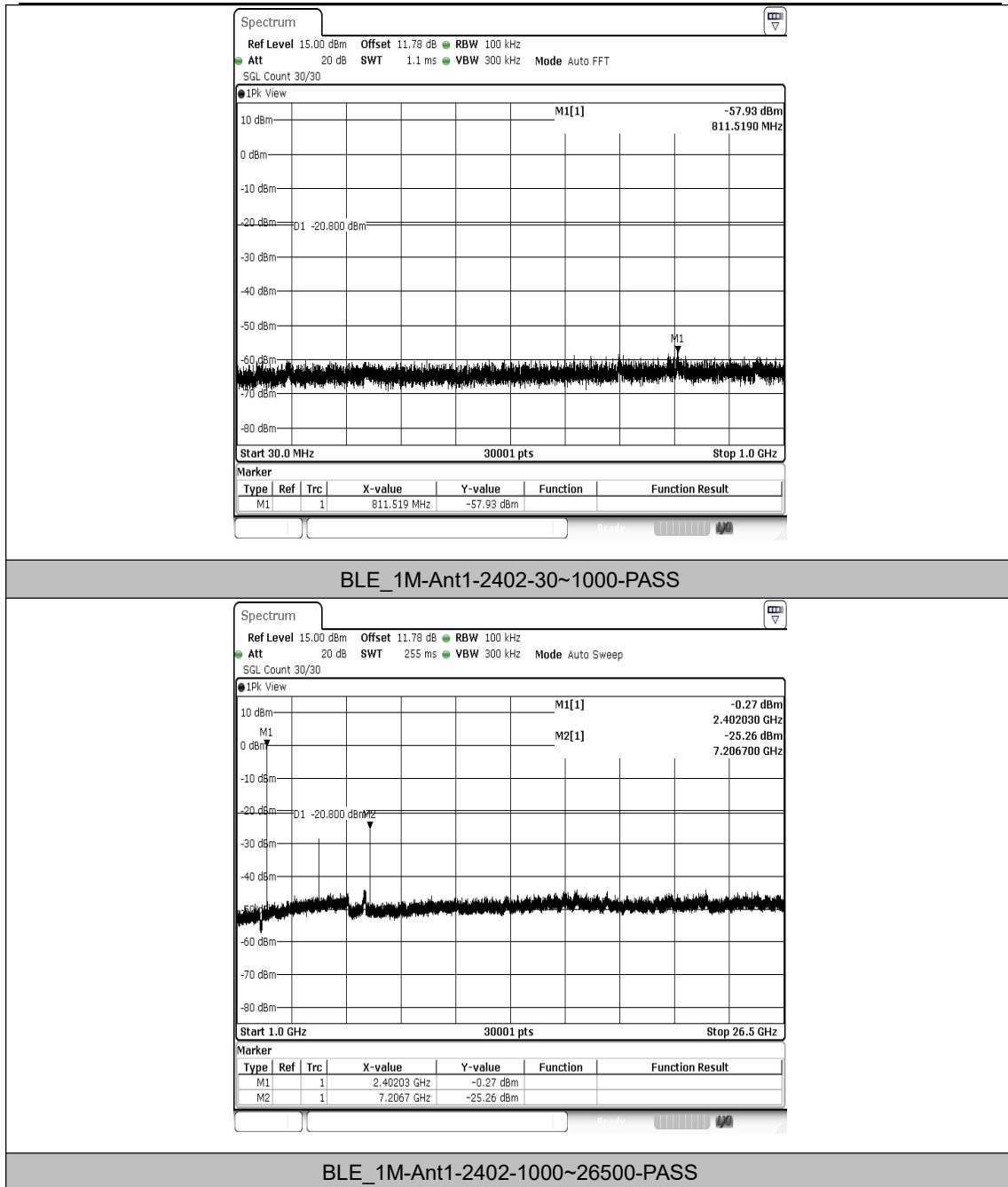
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.80	-0.80	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.80	-57.93	≤-20.8	PASS
BLE_1M	Ant1	2402	1000~26500	-0.80	-25.26	≤-20.8	PASS
BLE_1M	Ant1	2440	0~Reference	-2.67	-2.67	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.67	-58.36	≤-22.67	PASS
BLE_1M	Ant1	2440	1000~26500	-2.67	-24.5	≤-22.67	PASS
BLE_1M	Ant1	2480	0~Reference	-2.15	-2.15	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.15	-57.98	≤-22.15	PASS
BLE_1M	Ant1	2480	1000~26500	-2.15	-25.77	≤-22.15	PASS

Test Graphs



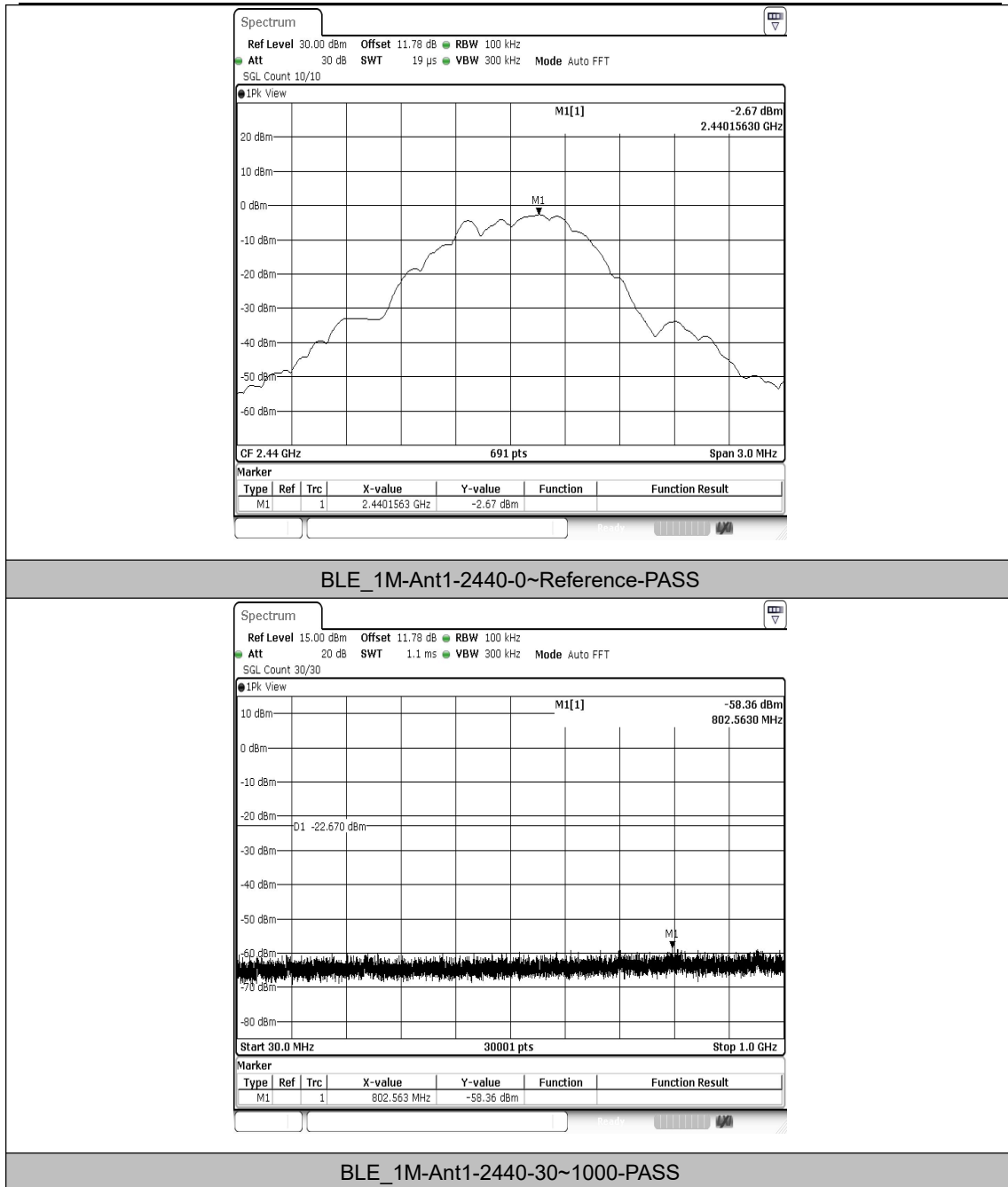


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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com

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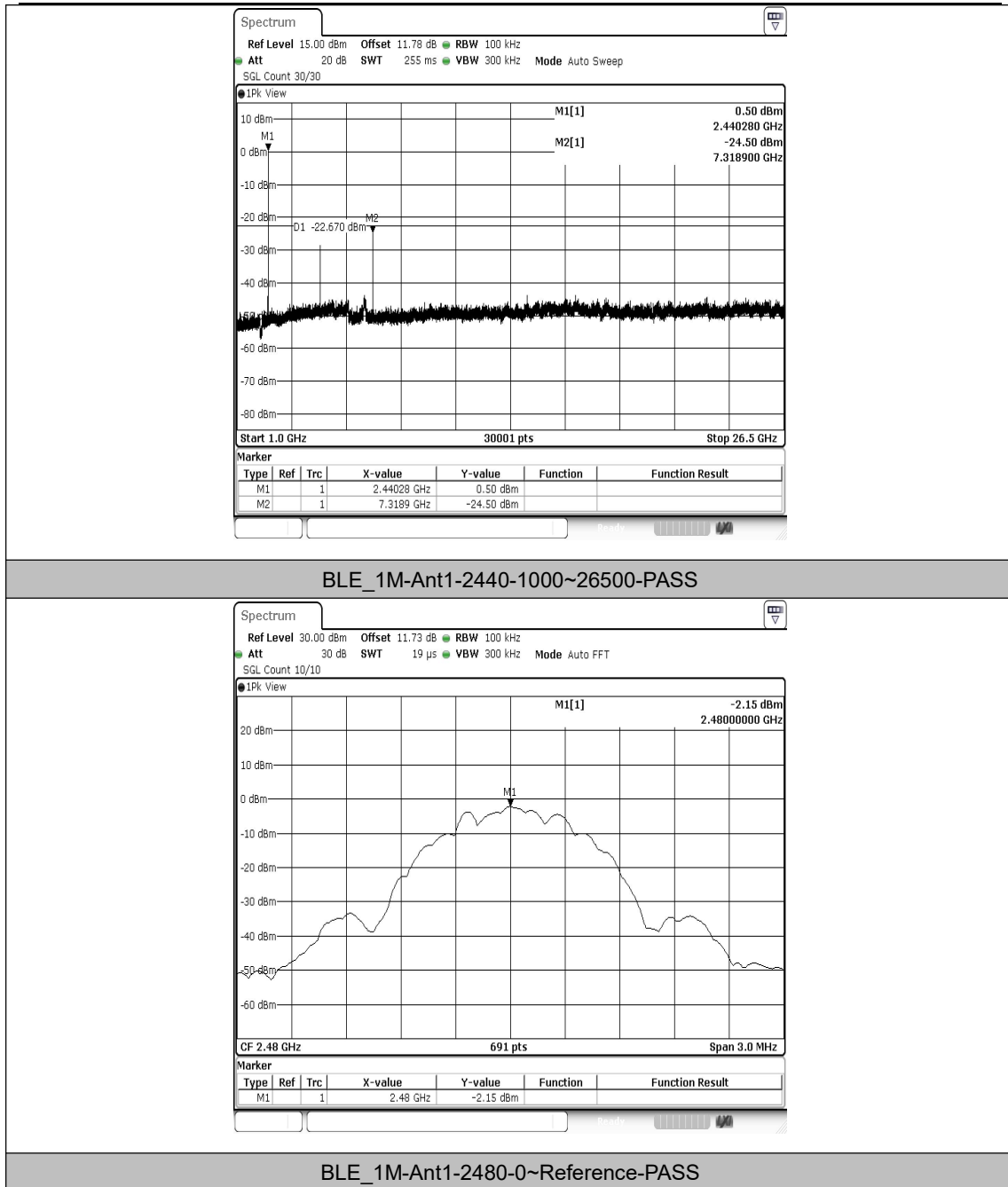
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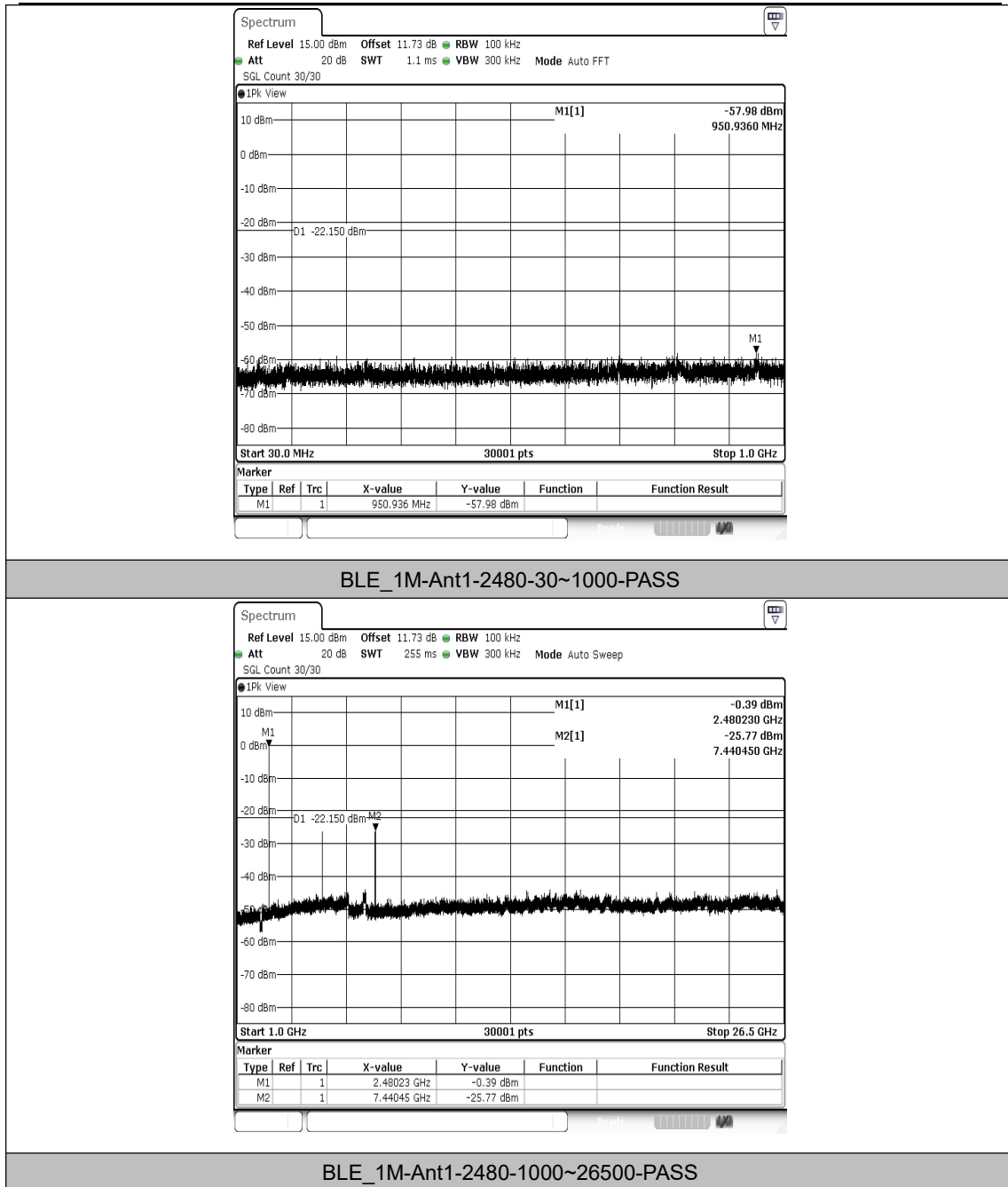
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