

Appendix Test Data

Report No:	1813C40013312501	Test Sample NO:	1-2-2
Start Test Date:	2024.08.19	Finish Test Date:	2024.08.19
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.7℃	Relative Humidity:	56%
Pressure:	101 kPa		

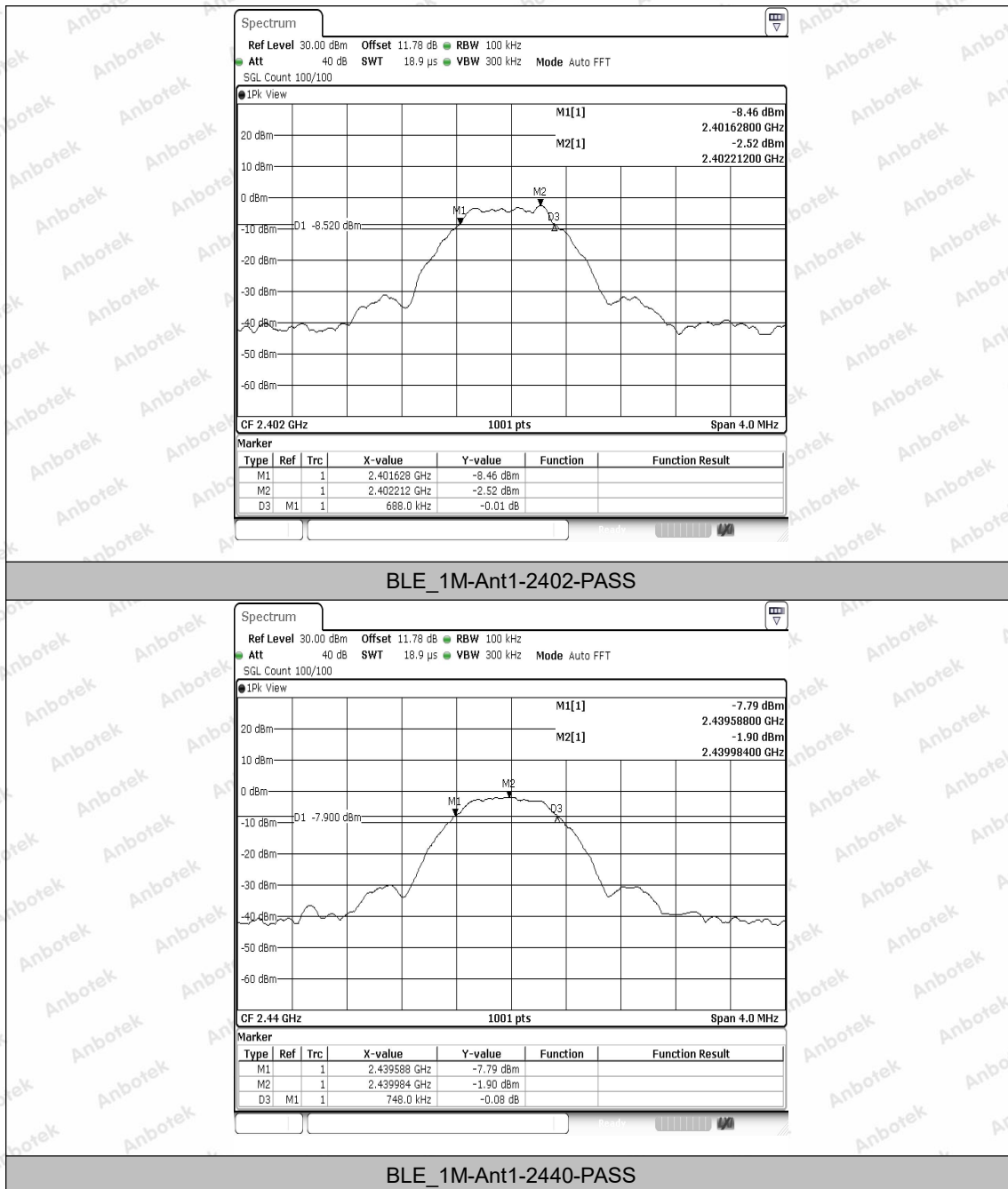
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.63	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.75	2439.59	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.67	2479.63	2480.30	0.5	PASS



Test Graphs



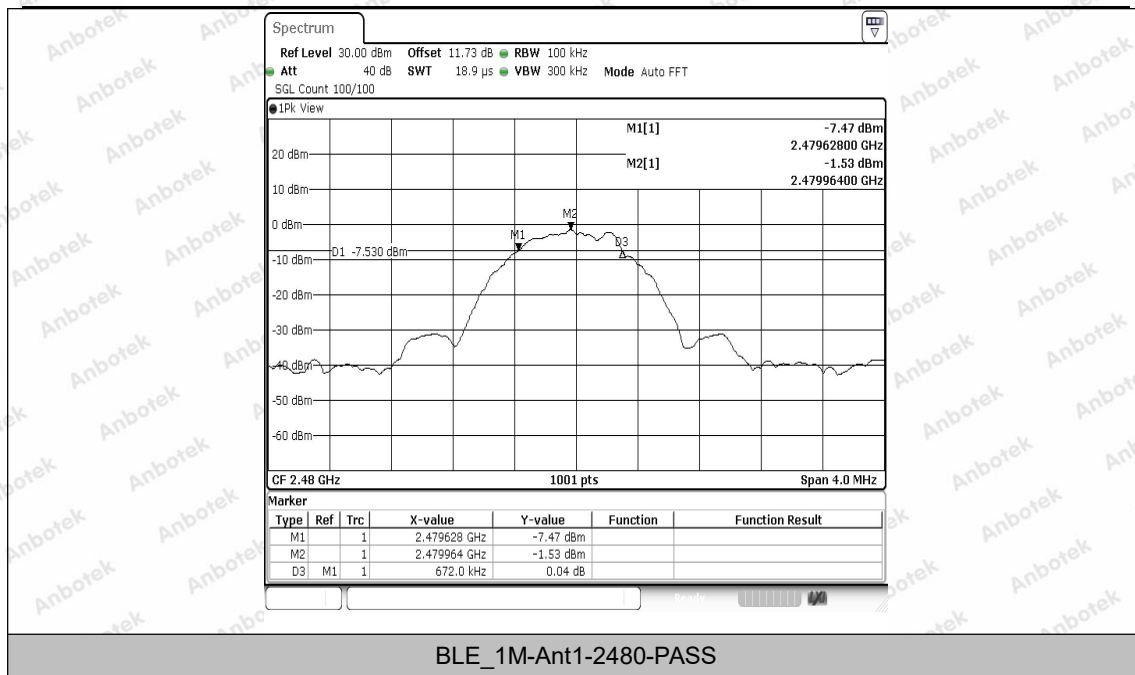
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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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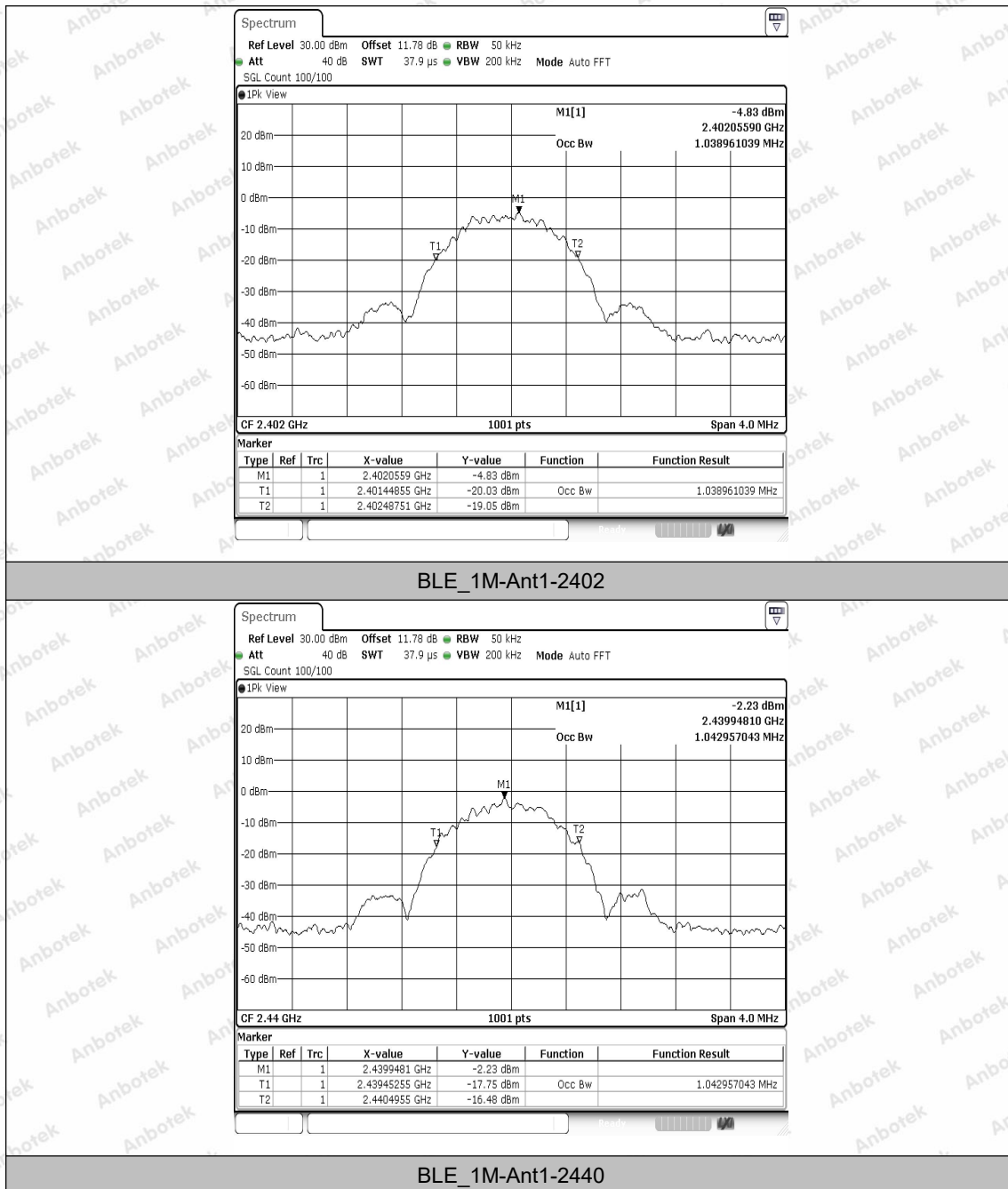
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.4486	2402.4875	---	---
BLE_1M	Ant1	2440	1.043	2439.4525	2440.4955	---	---
BLE_1M	Ant1	2480	1.031	2479.4525	2480.4835	---	---



Test Graphs



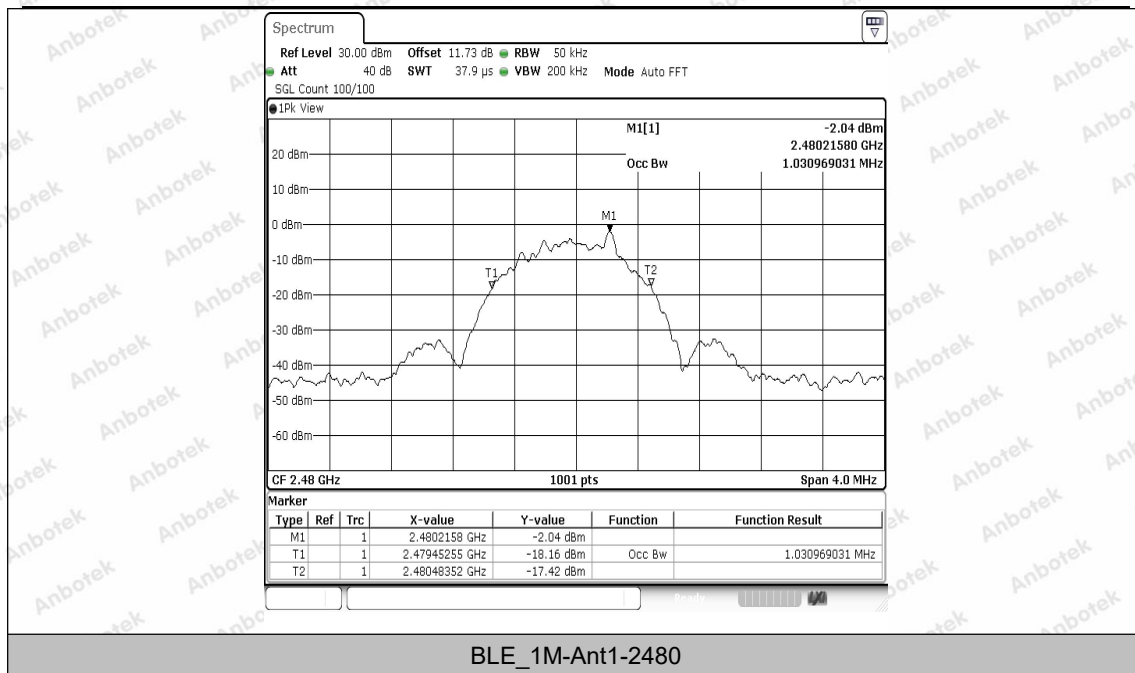
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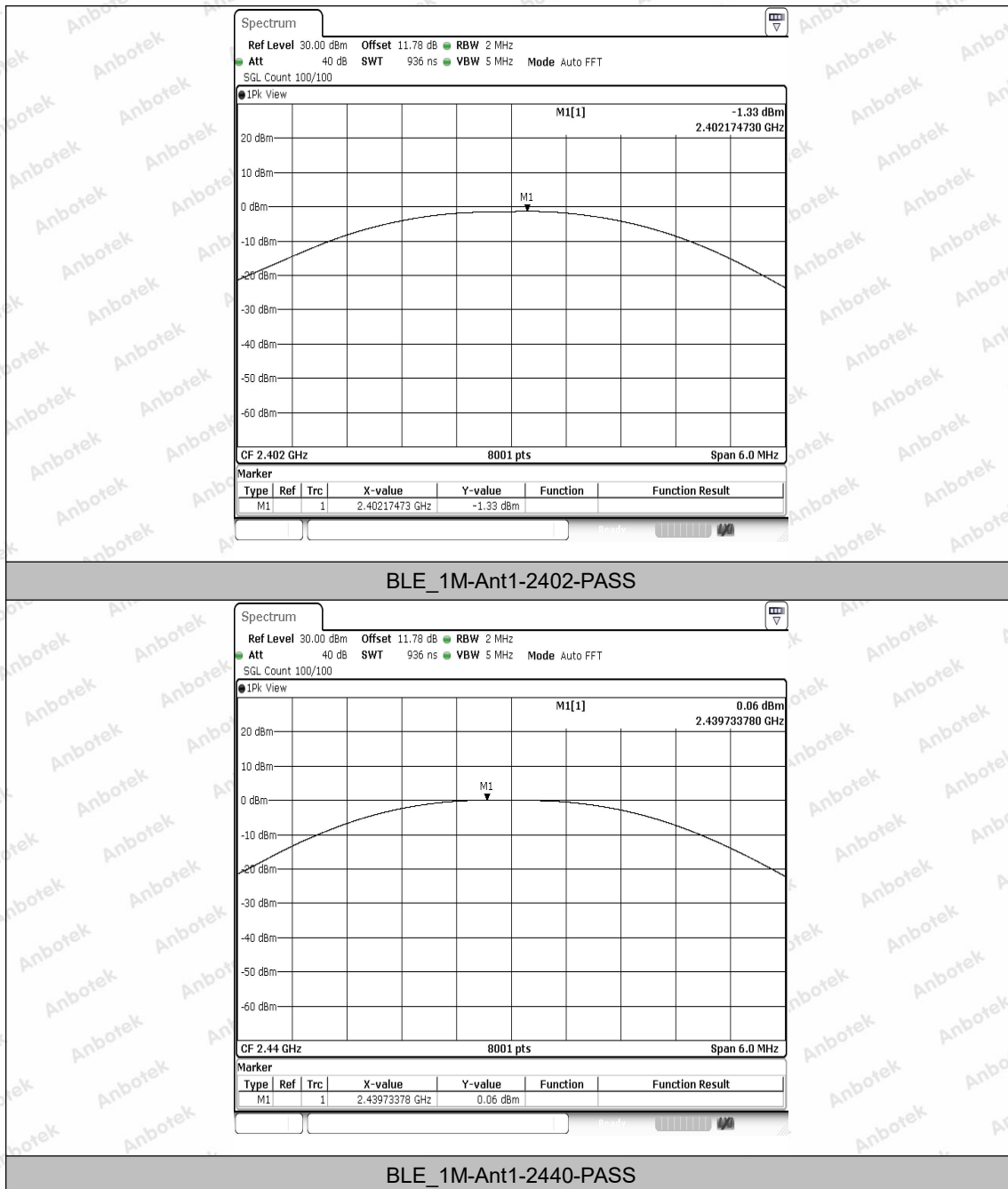
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.33	≤30	PASS
BLE_1M	Ant1	2440	0.06	≤30	PASS
BLE_1M	Ant1	2480	-0.57	≤30	PASS



Test Graphs Peak



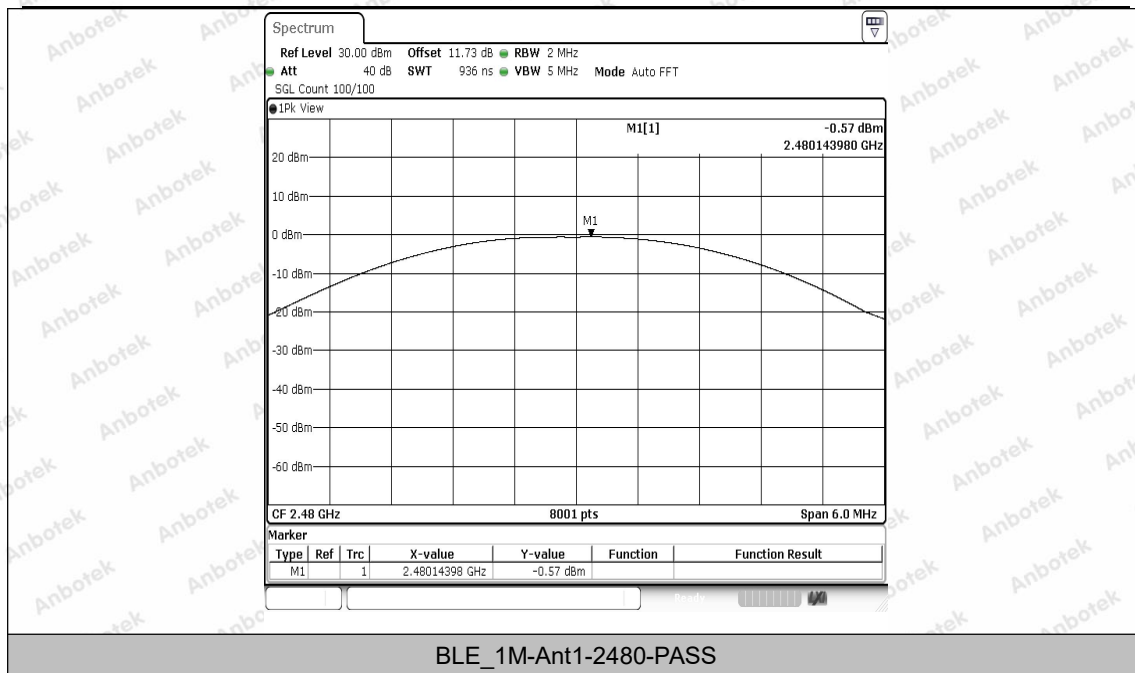
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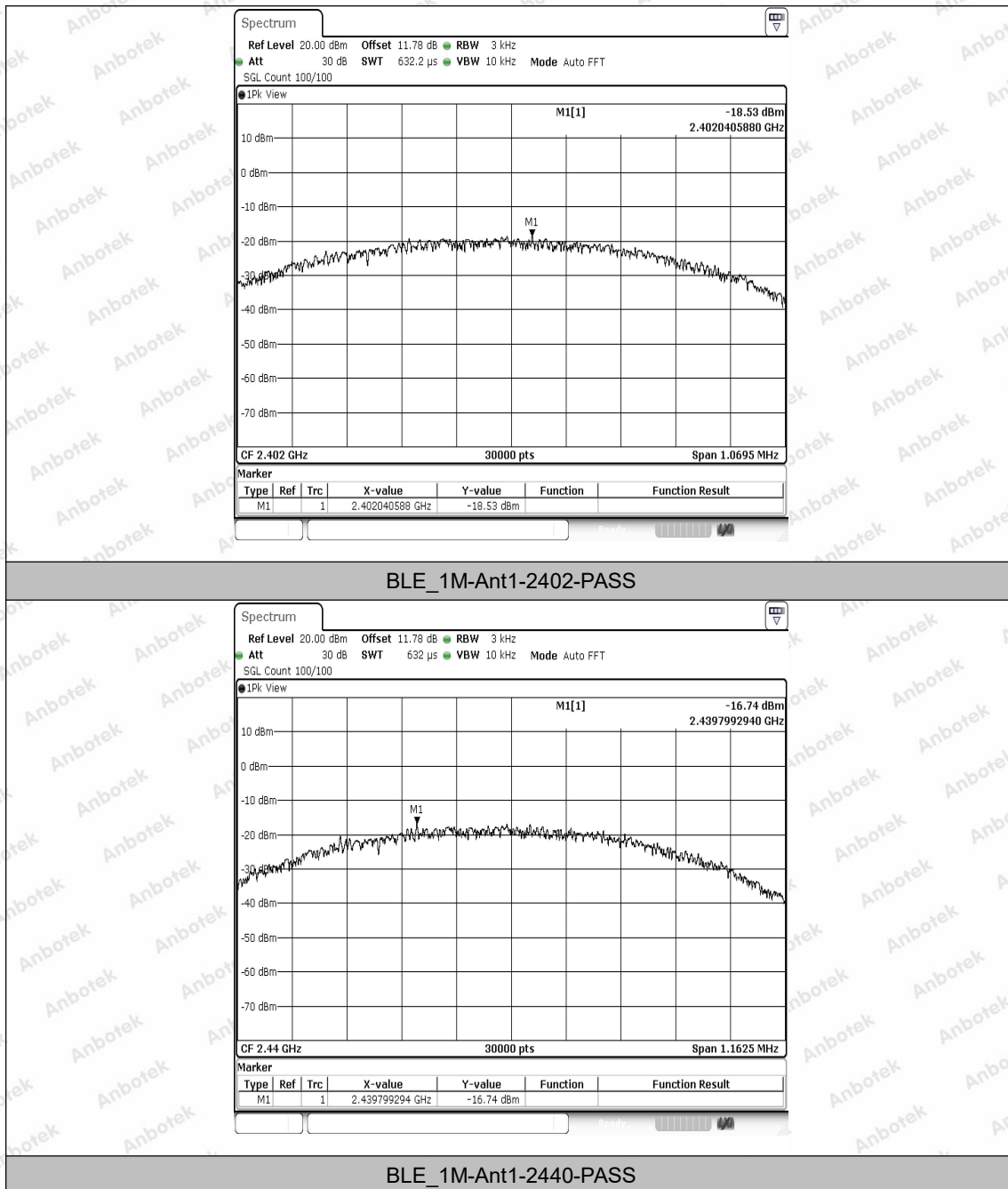
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.53	≤8.00	PASS
BLE_1M	Ant1	2440	-16.74	≤8.00	PASS
BLE_1M	Ant1	2480	-17.33	≤8.00	PASS



Test Graphs



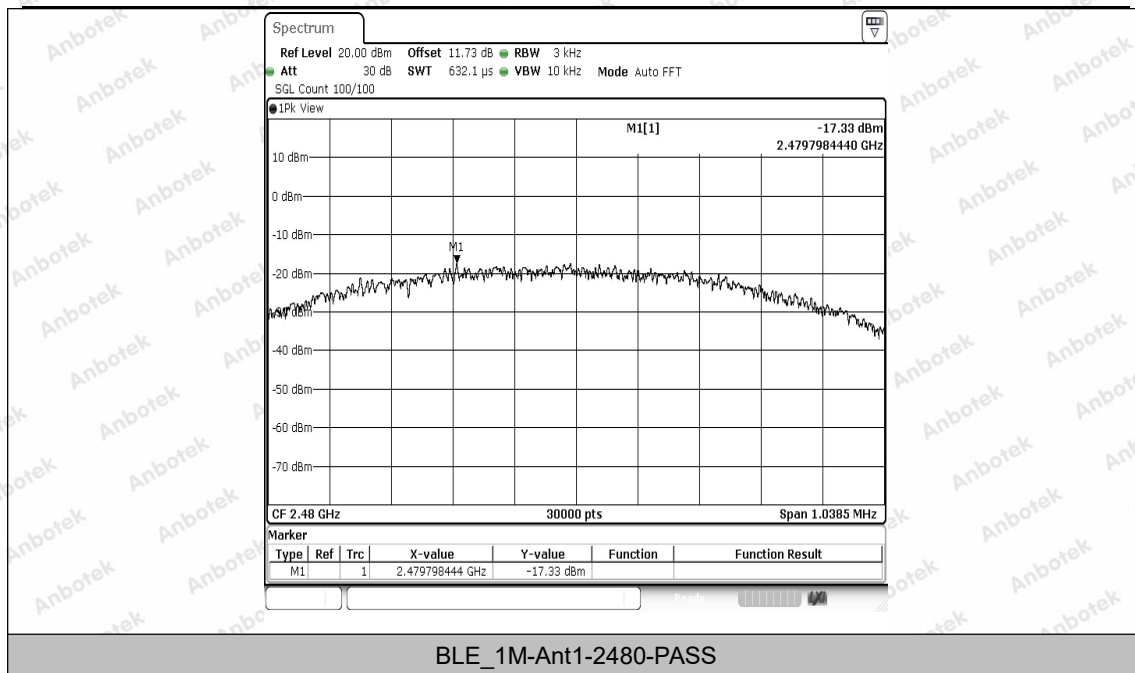
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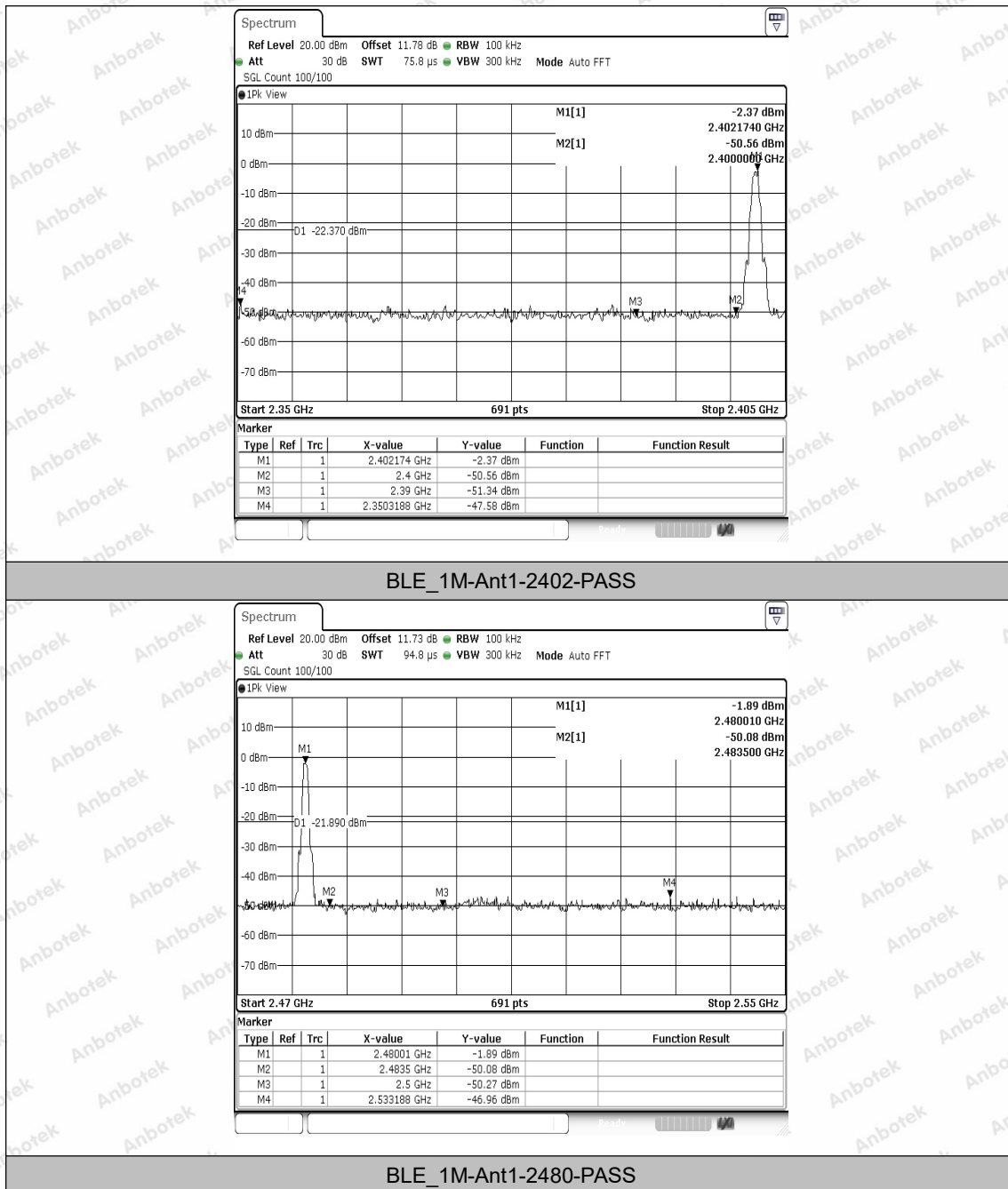
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.37	-47.58	≤-22.37	PASS
BLE_1M	Ant1	High	2480	-1.89	-46.96	≤-21.89	PASS



Test Graphs



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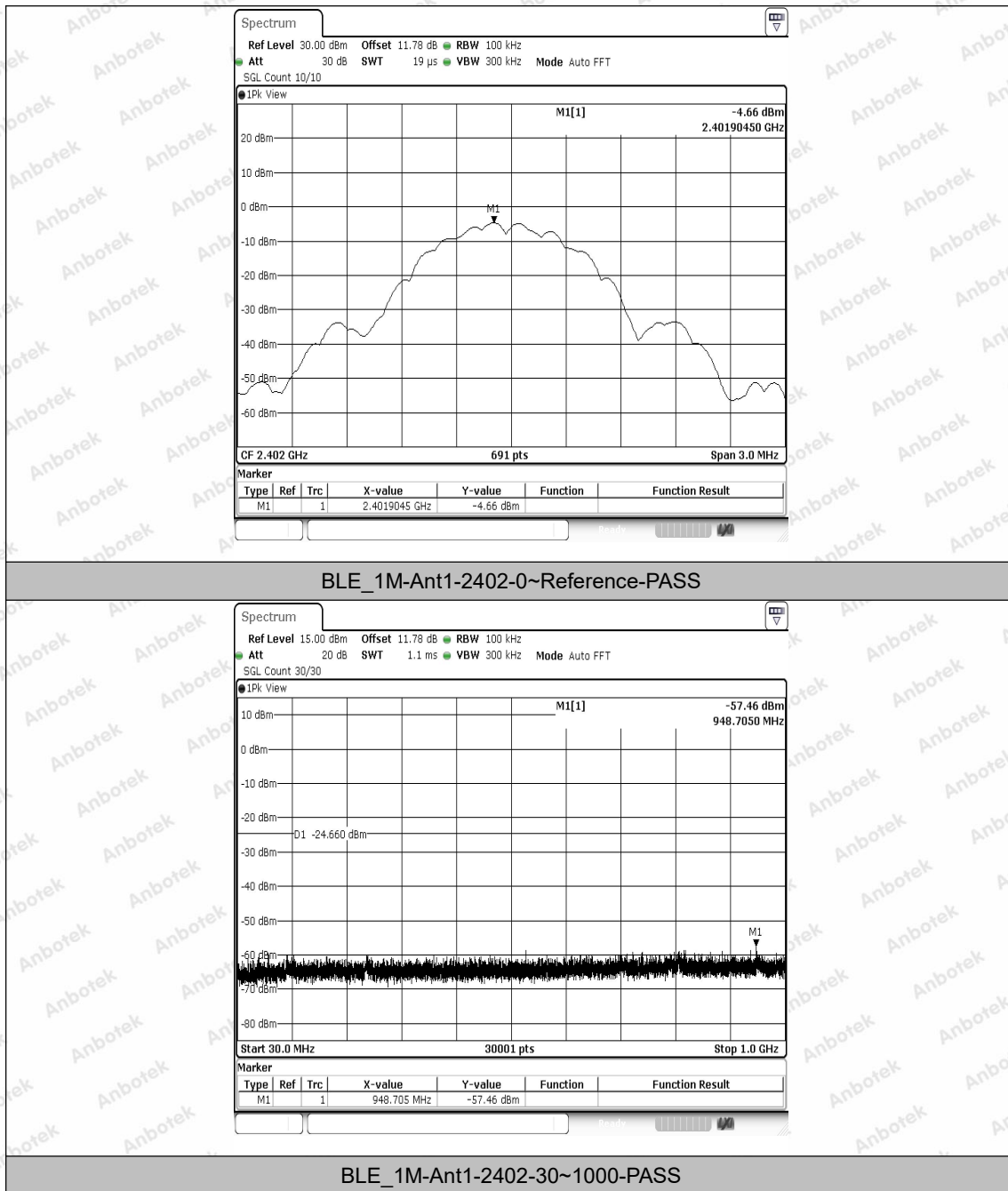
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-4.66	-4.66	---	PASS
BLE_1M	Ant1	2402	30~1000	-4.66	-57.46	≤-24.66	PASS
BLE_1M	Ant1	2402	1000~26500	-4.66	-43.85	≤-24.66	PASS
BLE_1M	Ant1	2440	0~Reference	-2.56	-2.56	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.56	-57.44	≤-22.56	PASS
BLE_1M	Ant1	2440	1000~26500	-2.56	-44.51	≤-22.56	PASS
BLE_1M	Ant1	2480	0~Reference	-2.44	-2.44	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.44	-58.23	≤-22.44	PASS
BLE_1M	Ant1	2480	1000~26500	-2.44	-43.84	≤-22.44	PASS



Test Graphs



BLE_1M-Ant1-2402-30~1000-PASS

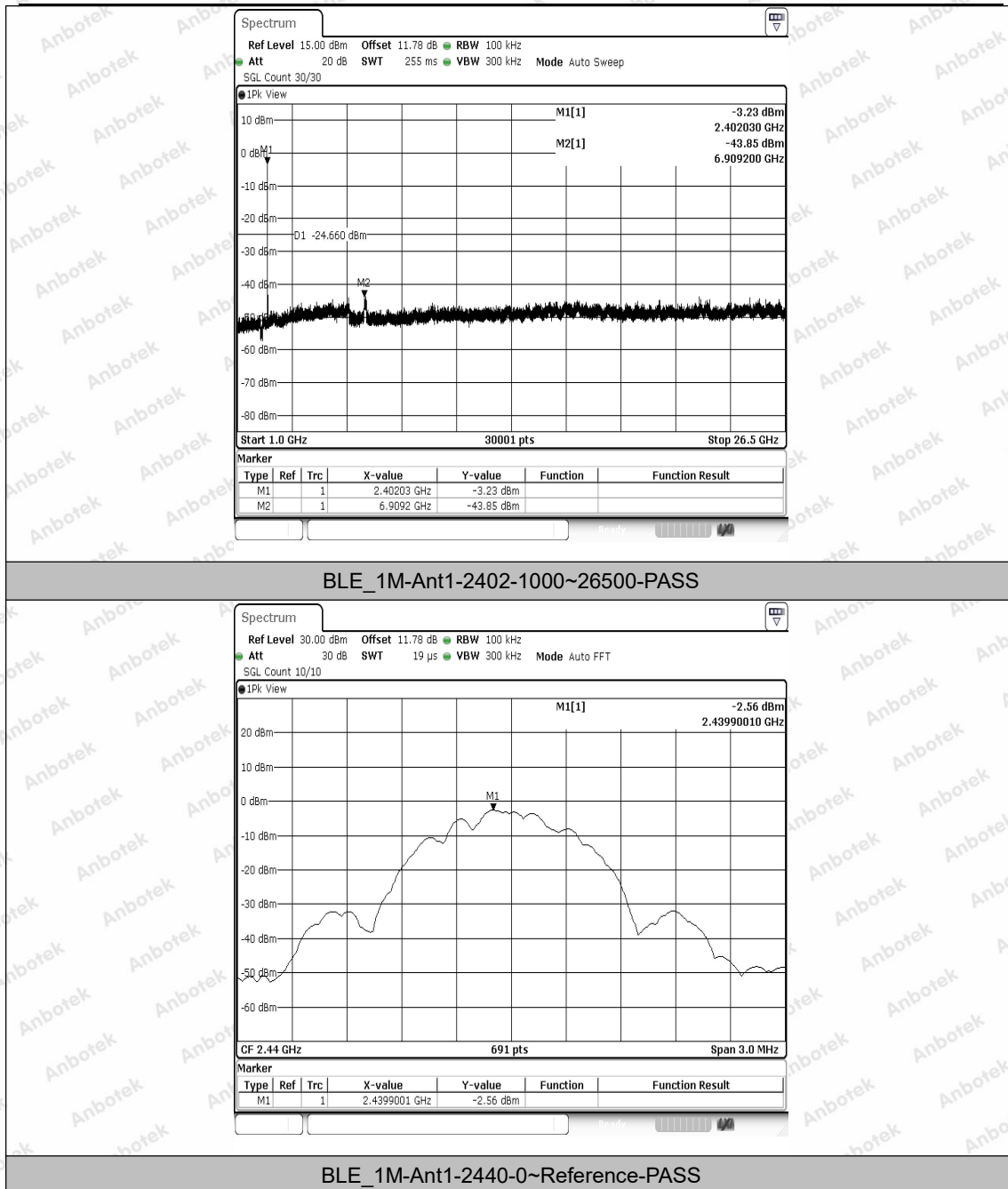
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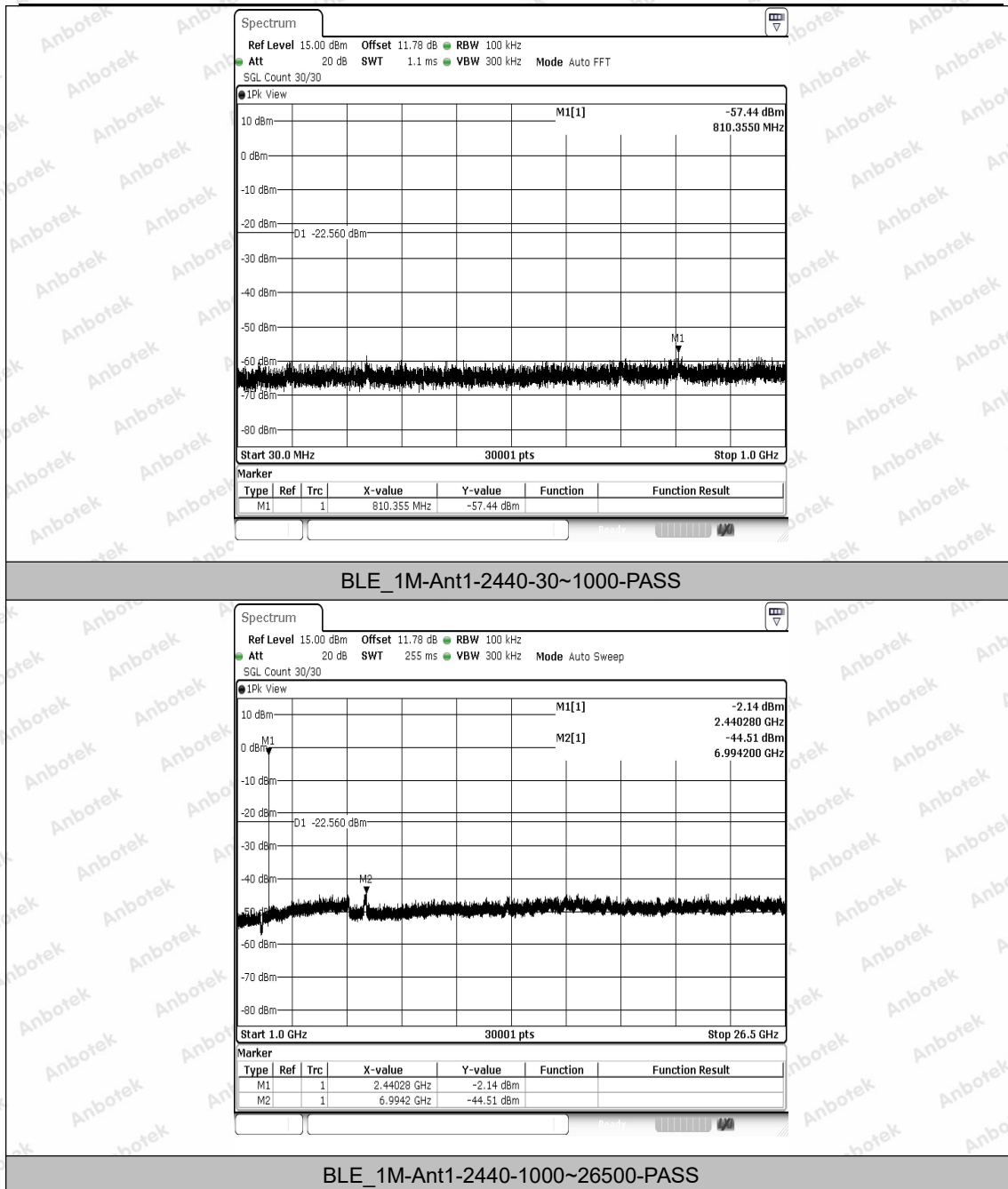
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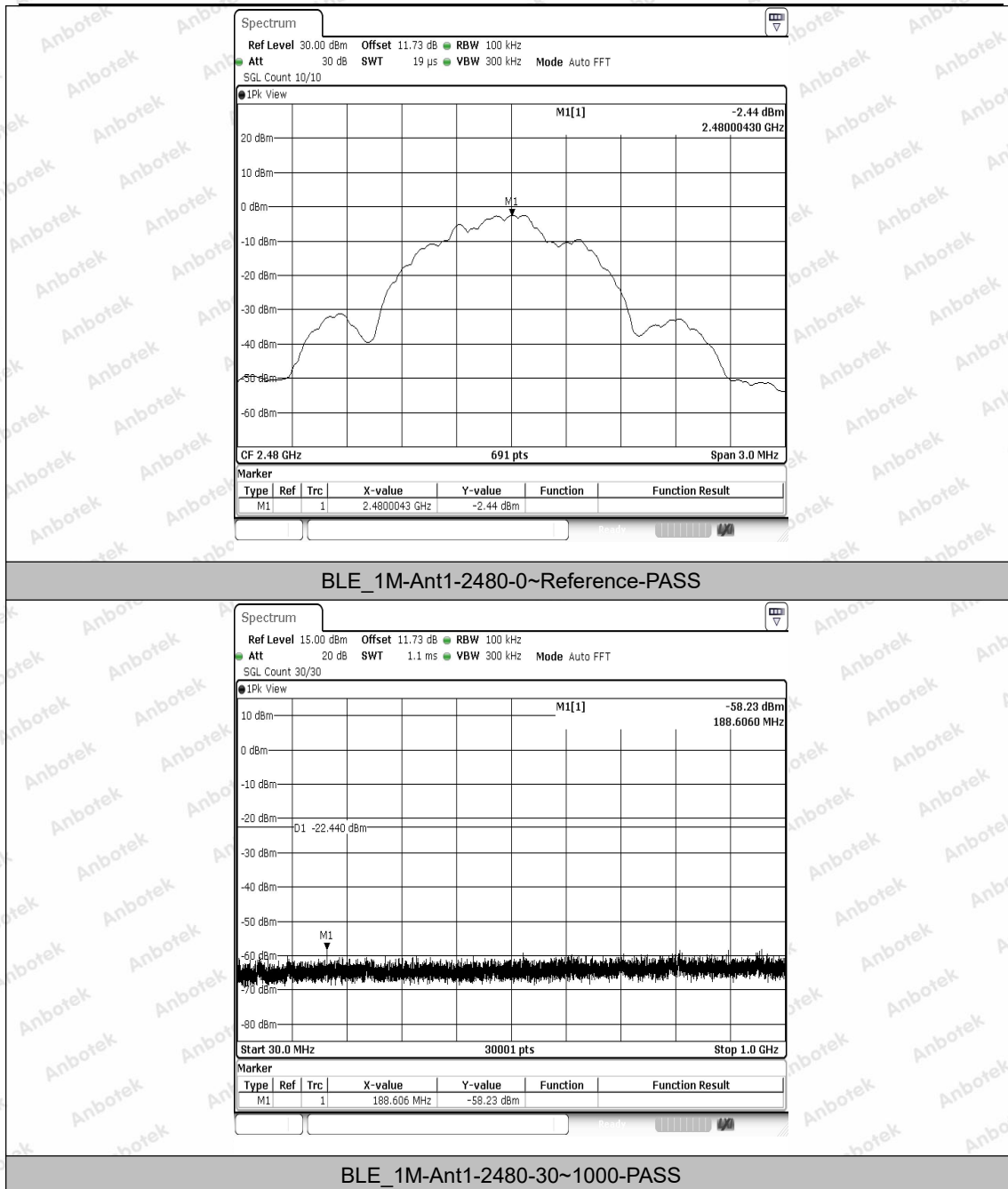
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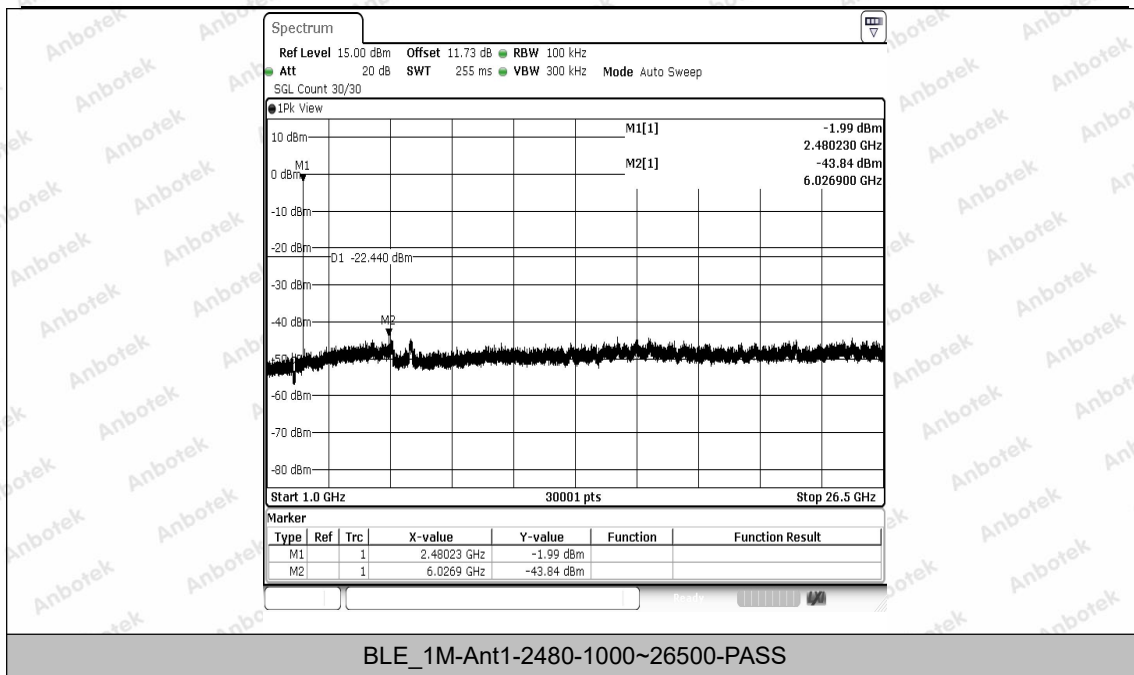
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