

Appendix Test Data

Report No:	1816C40001912501	Test Sample NO:	1-2-2
Start Test Date:	2024.8.8	Finish Test Date:	2024.8.8
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

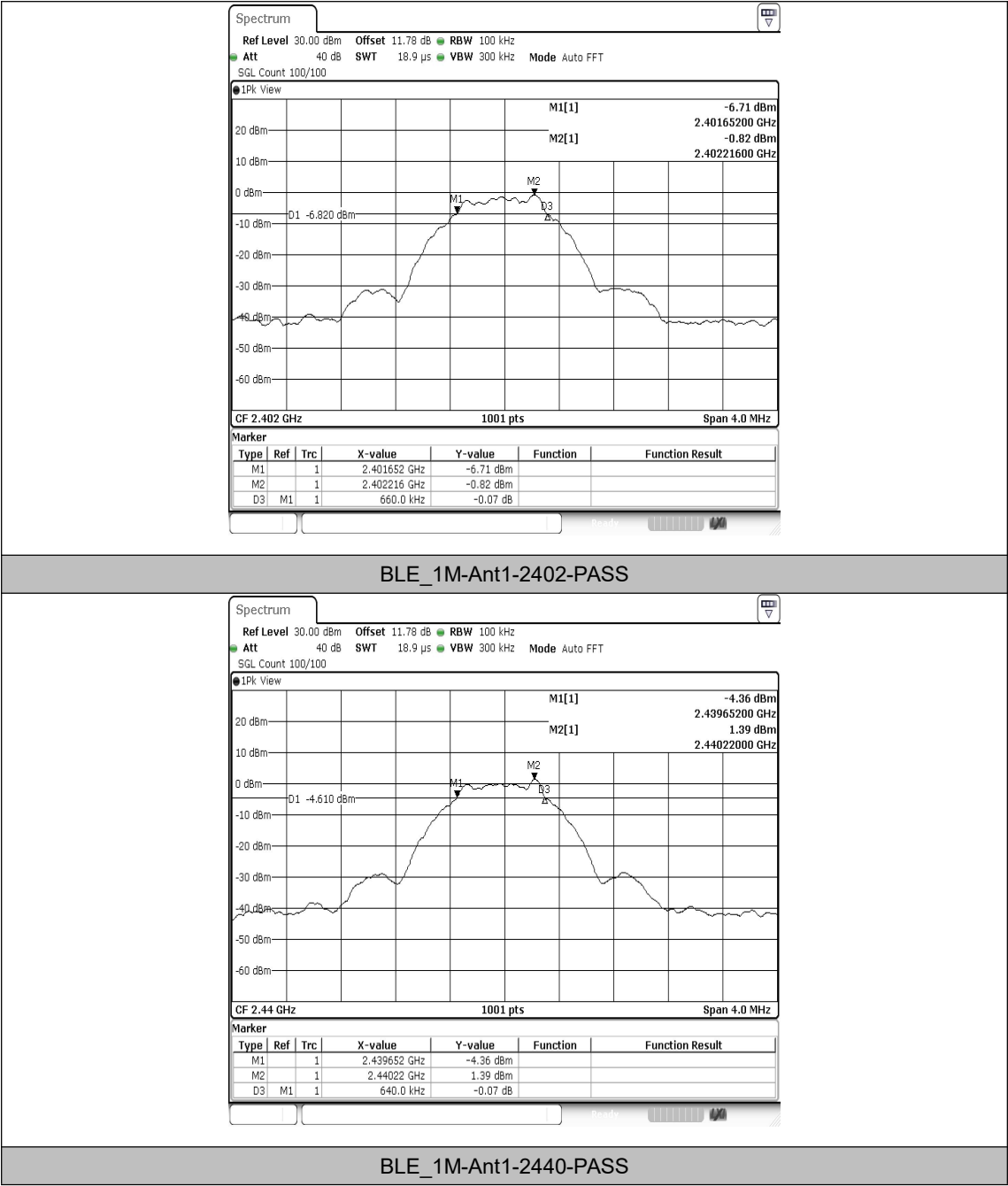
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.65	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.65	2440.29	0.5	PASS
BLE_1M	Ant1	2480	0.70	2479.62	2480.32	0.5	PASS



Test Graphs





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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	1.035	2401.4565	2402.4915	---	---
BLE_1M	Ant1	2440	1.023	2439.4605	2440.4835	---	---
BLE_1M	Ant1	2480	1.039	2479.4525	2480.4915	---	---

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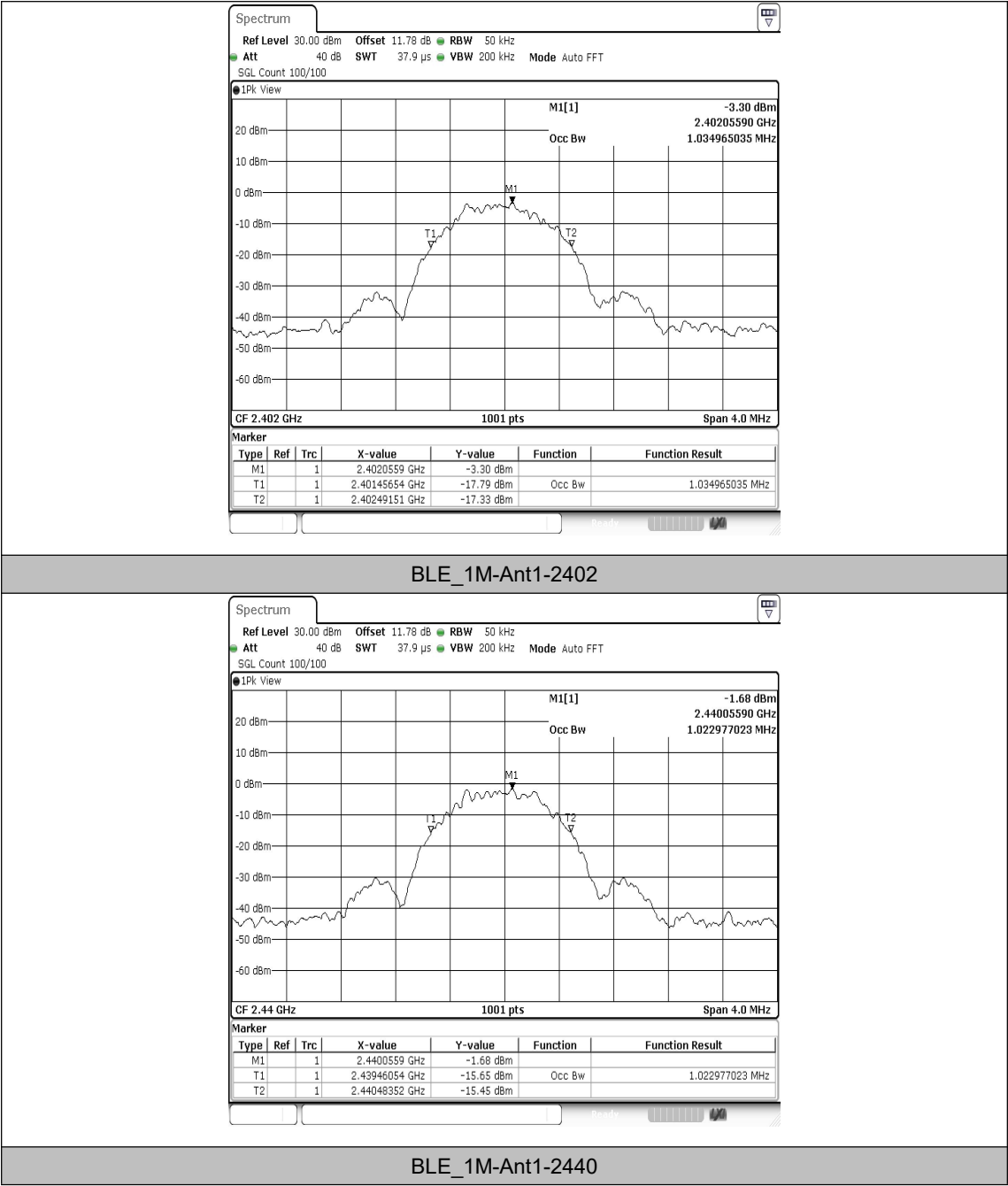
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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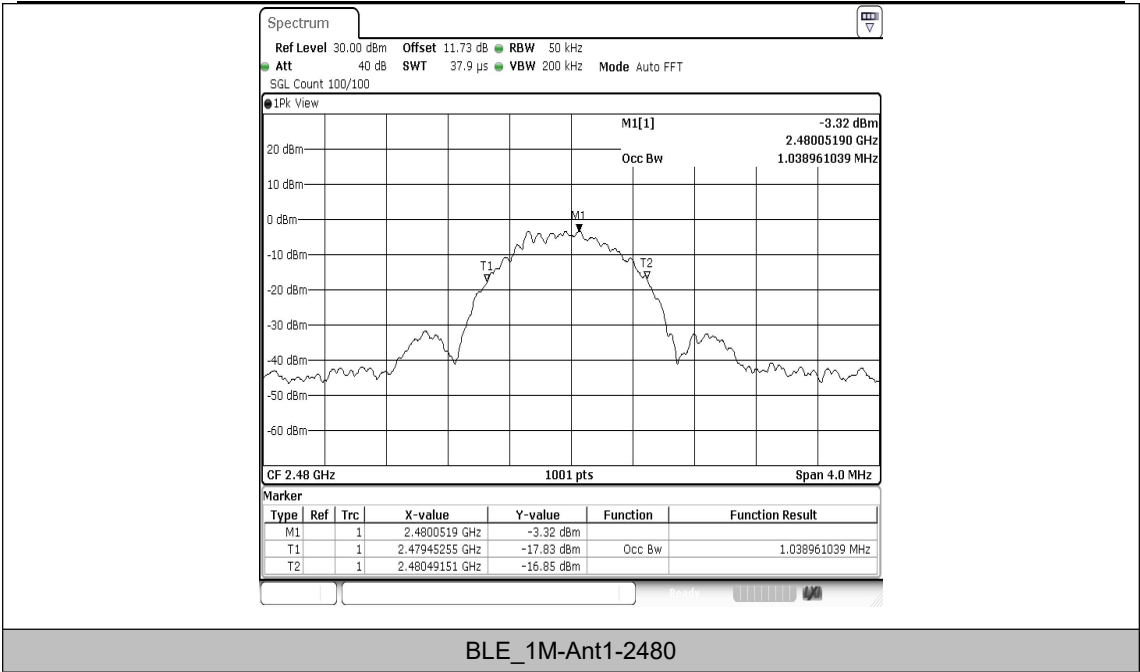


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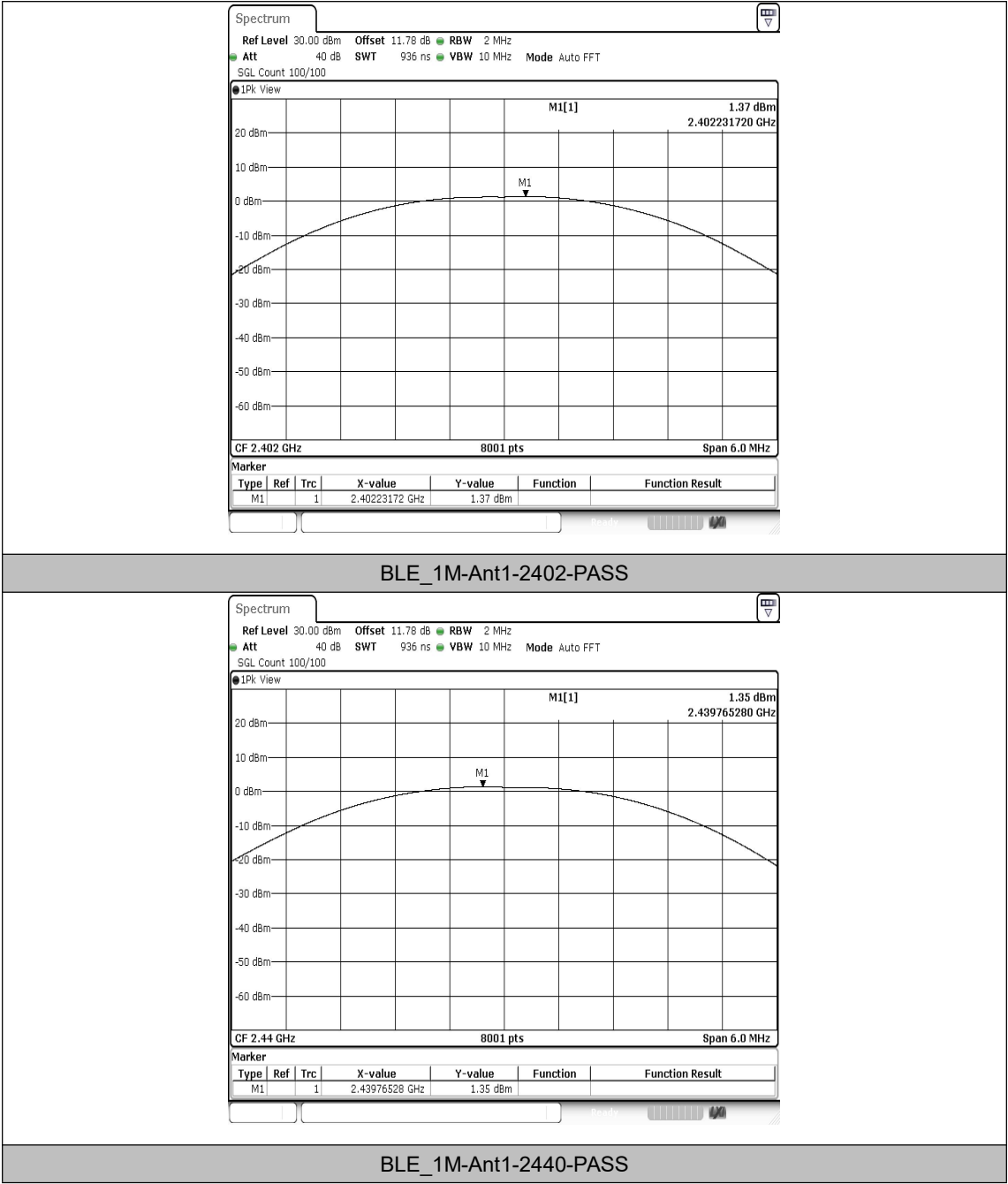
Appendix C: Maximum conducted output power

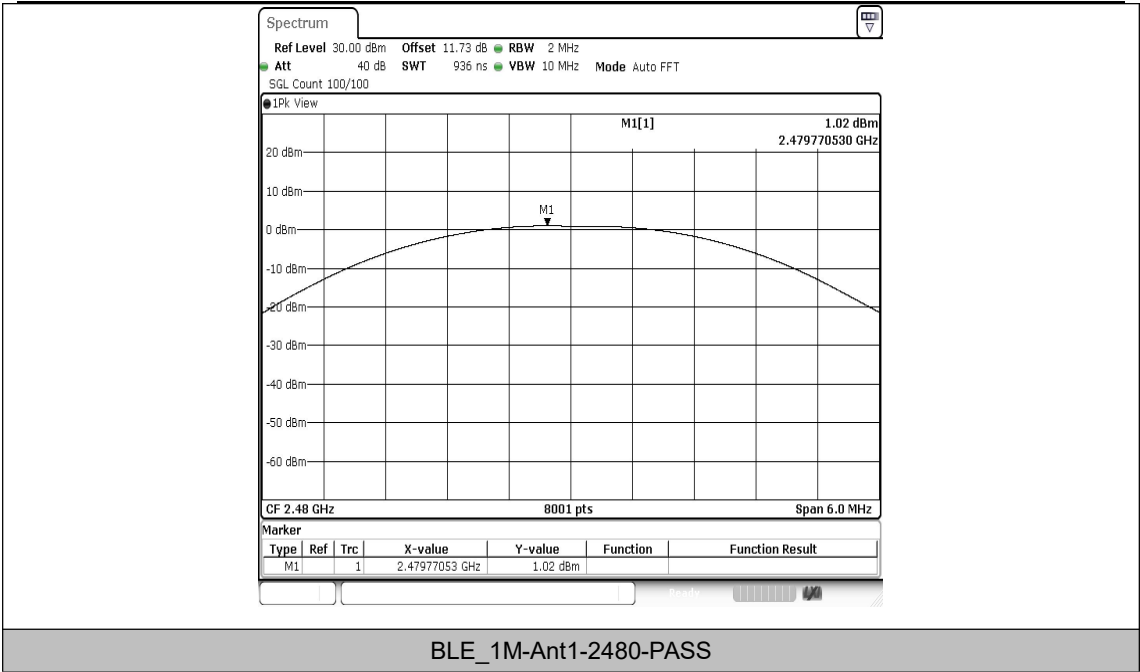
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.37	≤30	PASS
BLE_1M	Ant1	2440	1.35	≤30	PASS
BLE_1M	Ant1	2480	1.02	≤30	PASS



Test Graphs Peak





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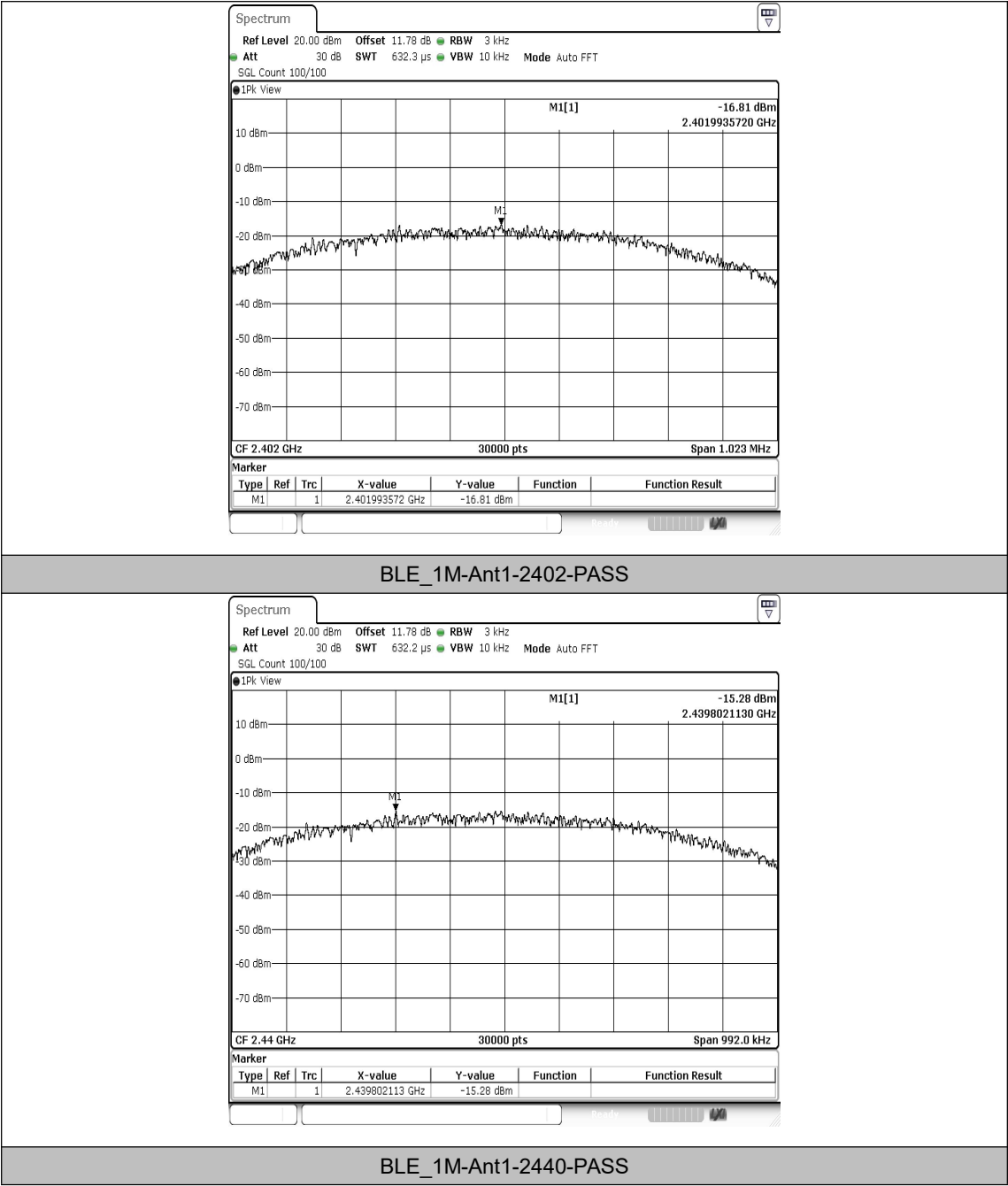
Appendix D: Maximum power spectral density

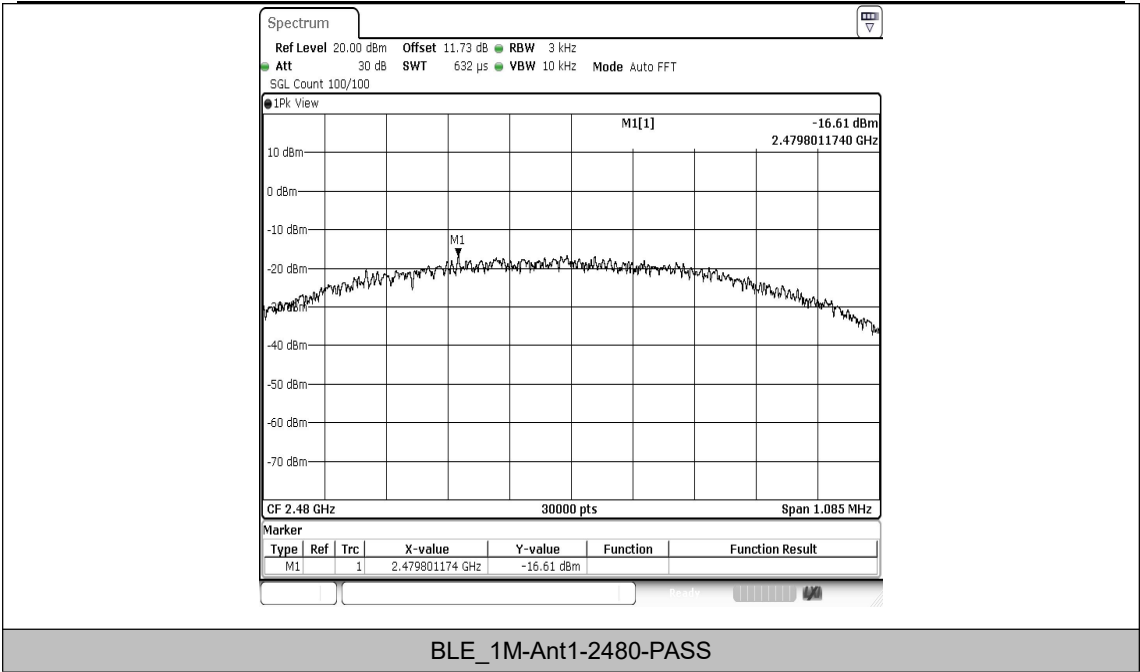
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.81	≤8.00	PASS
BLE_1M	Ant1	2440	-15.28	≤8.00	PASS
BLE_1M	Ant1	2480	-16.61	≤8.00	PASS



Test Graphs





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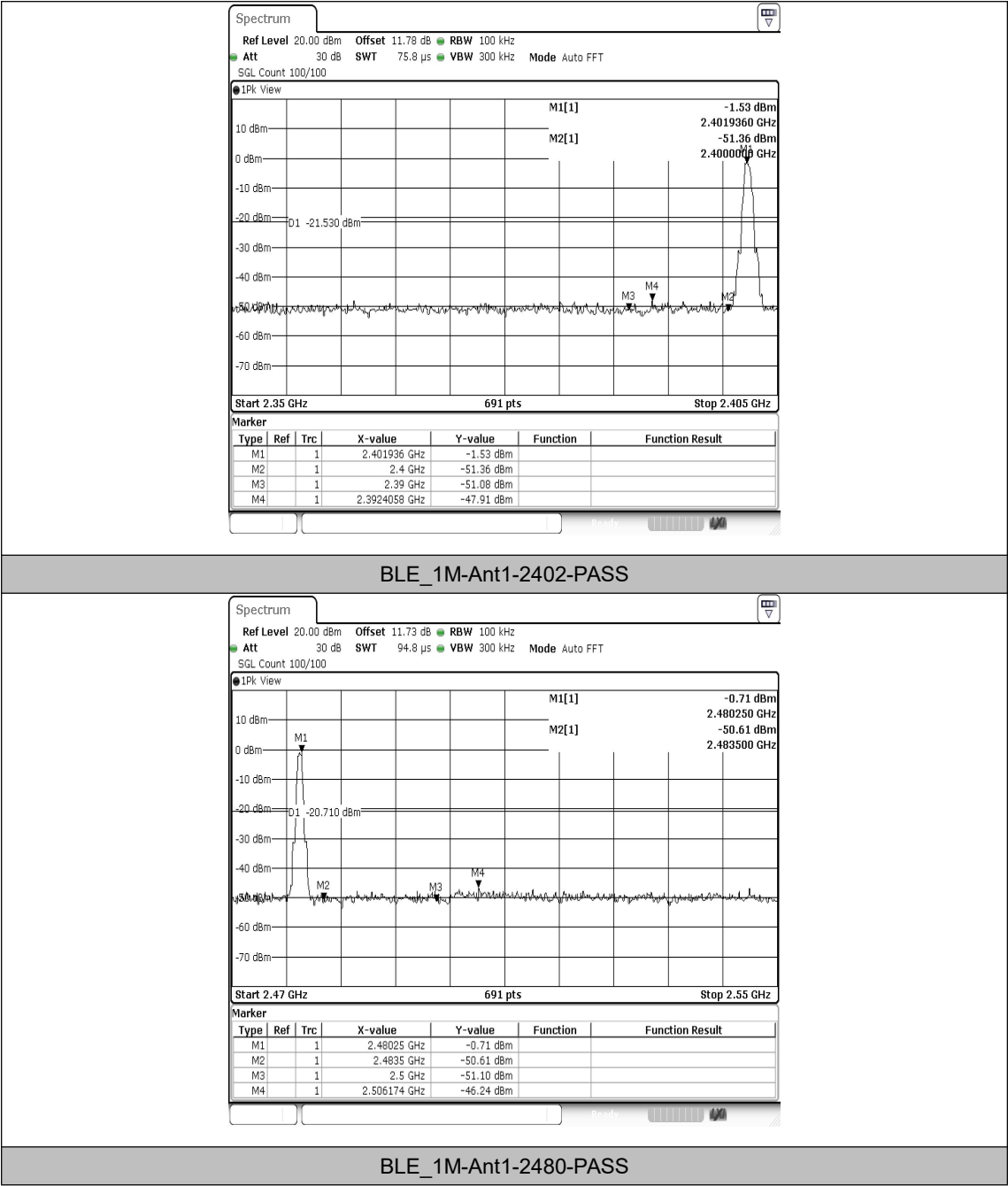
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.53	-47.91	≤-21.53	PASS
BLE_1M	Ant1	High	2480	-0.71	-46.24	≤-20.71	PASS



Test Graphs



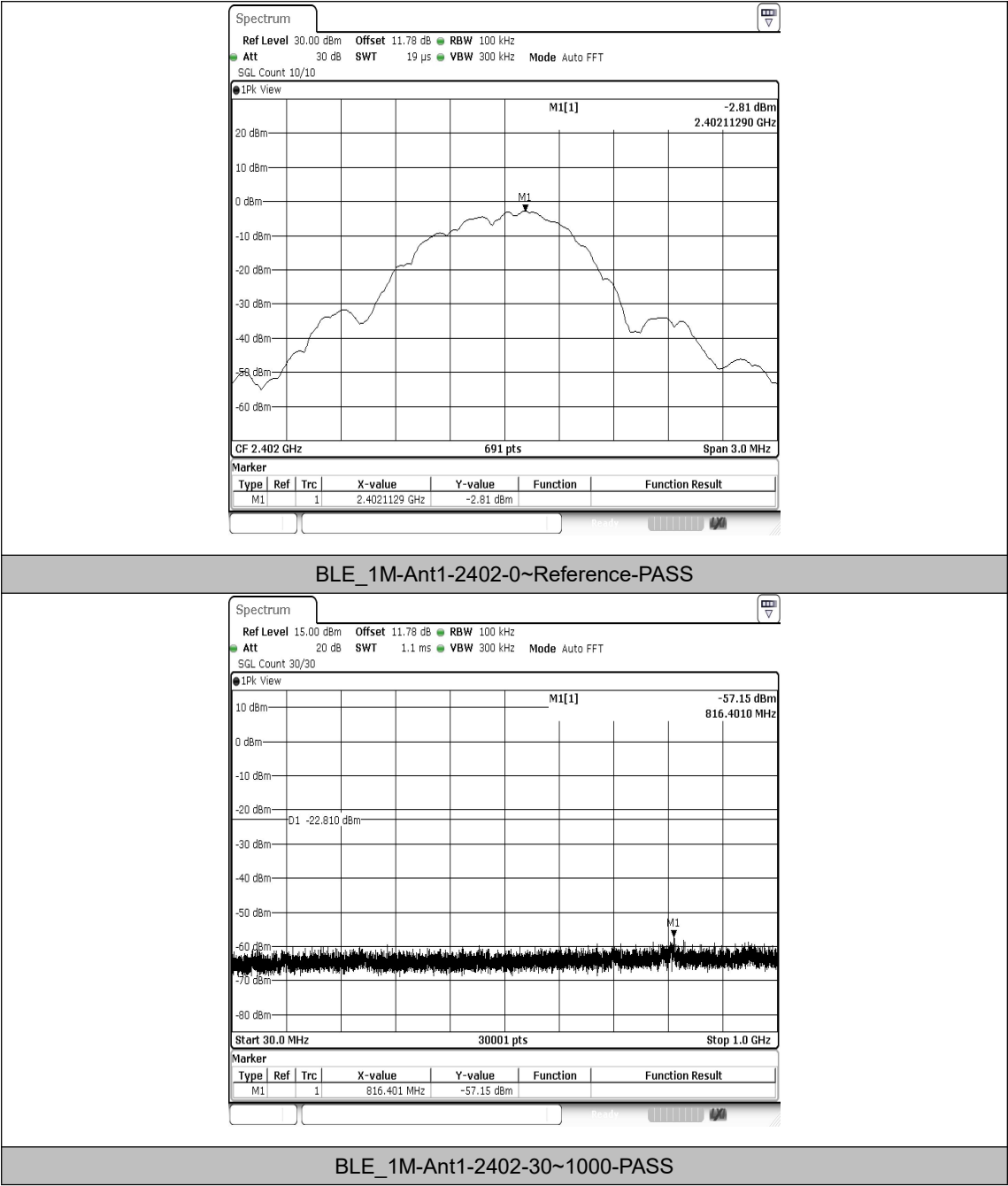
Appendix F: Conducted Spurious Emission

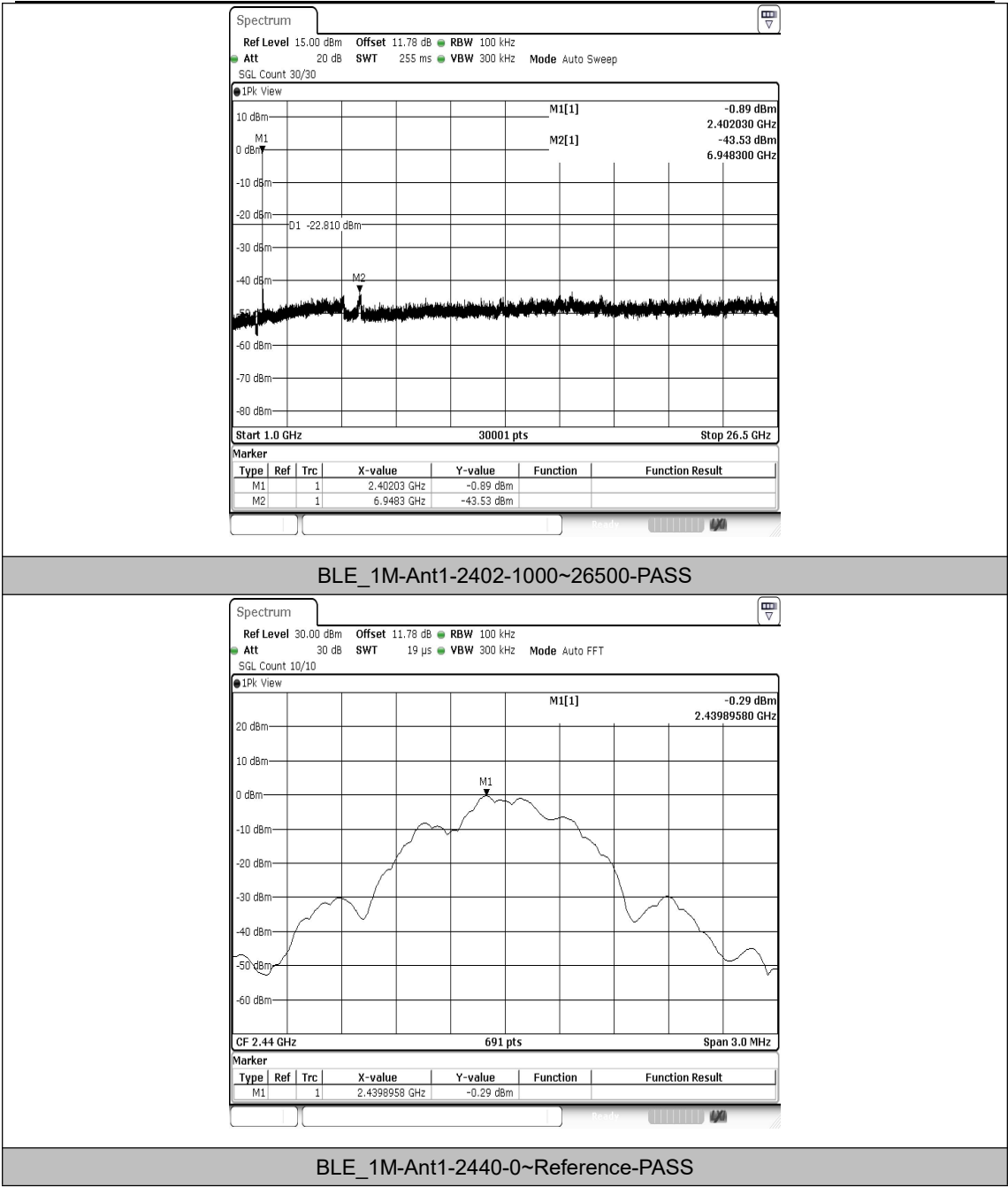
Test Result

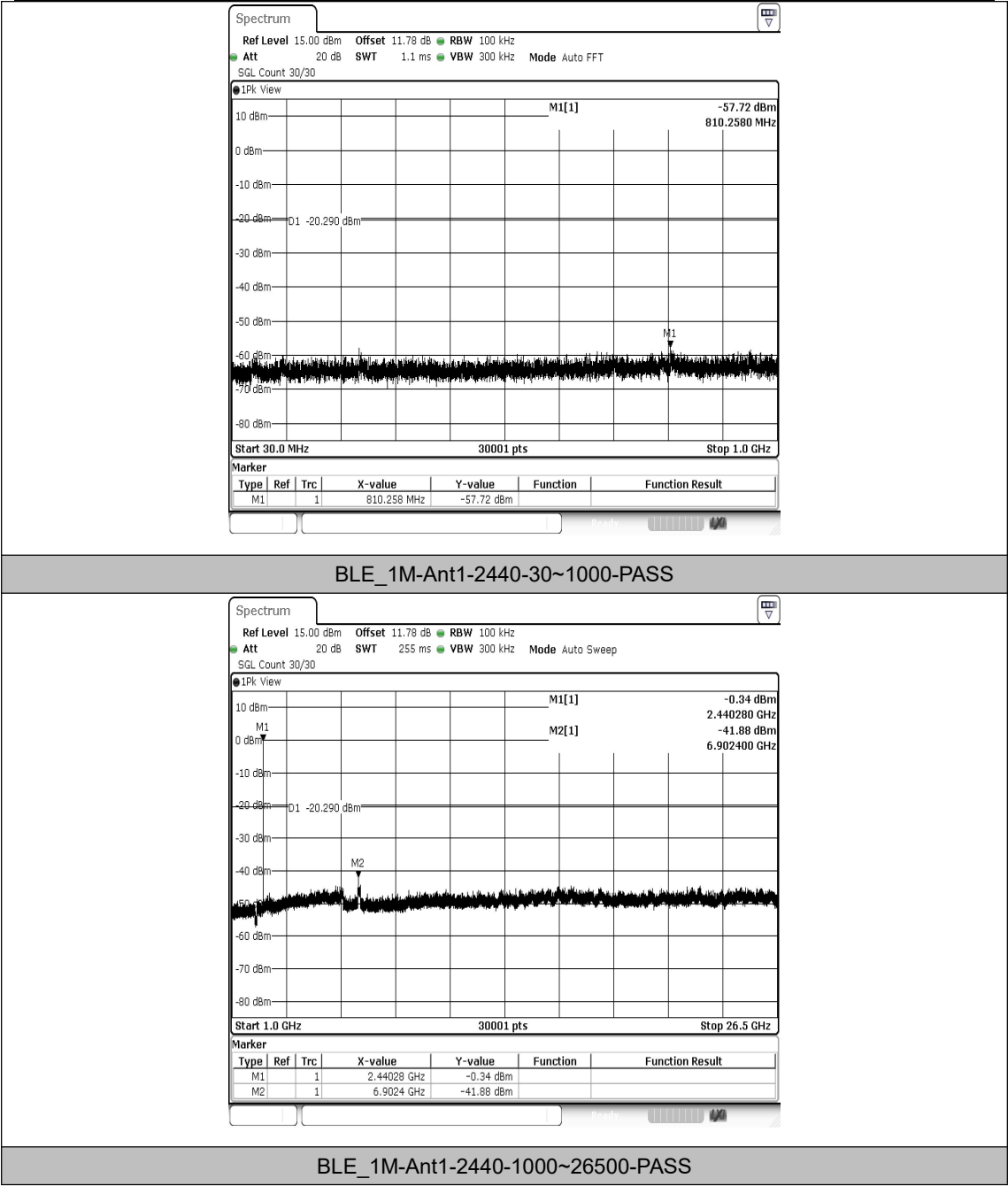
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.81	-2.81	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.81	-57.15	≤-22.81	PASS
BLE_1M	Ant1	2402	1000~26500	-2.81	-43.53	≤-22.81	PASS
BLE_1M	Ant1	2440	0~Reference	-0.29	-0.29	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.29	-57.72	≤-20.29	PASS
BLE_1M	Ant1	2440	1000~26500	-0.29	-41.88	≤-20.29	PASS
BLE_1M	Ant1	2480	0~Reference	-0.82	-0.82	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.82	-58.87	≤-20.82	PASS
BLE_1M	Ant1	2480	1000~26500	-0.82	-44.38	≤-20.82	PASS

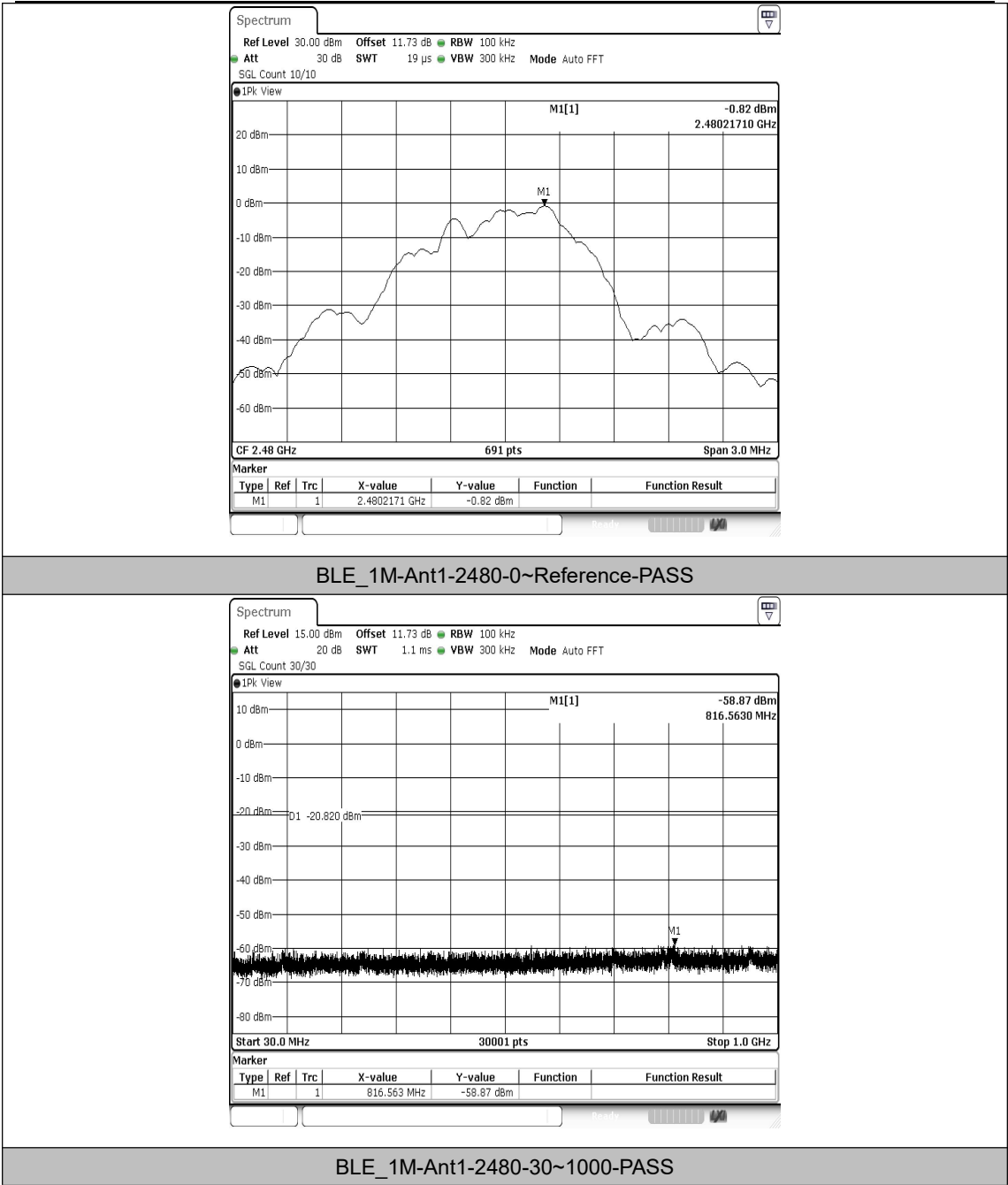


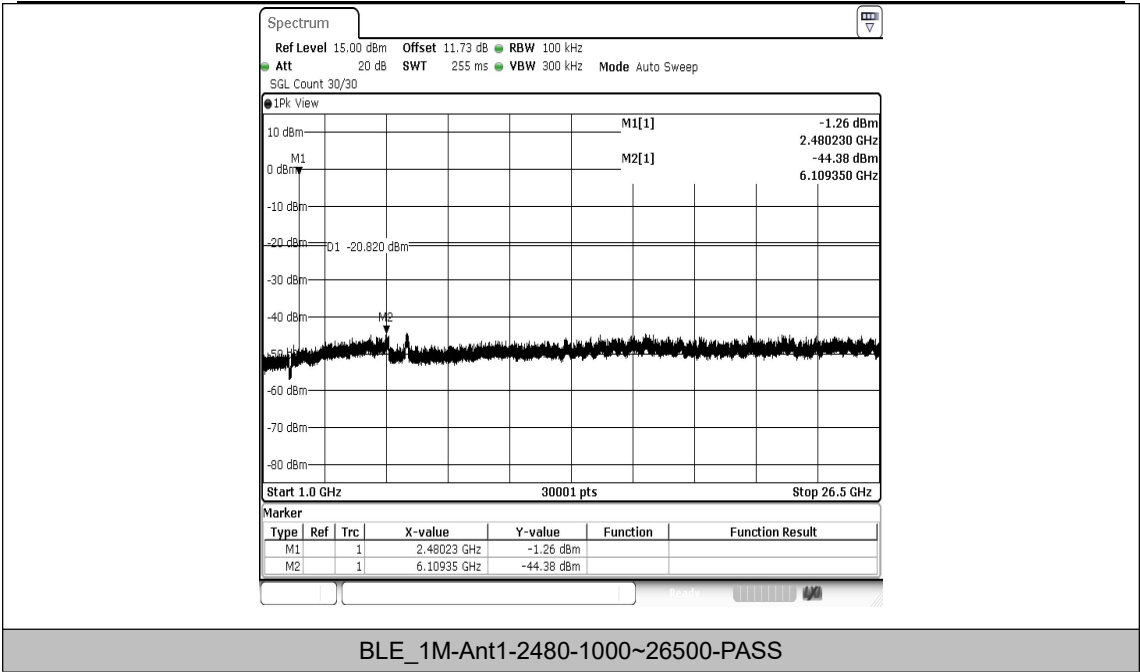
Test Graphs











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