

Appendix Test Data

Report No:	1816C40001312501	Test Sample NO:	1-2-2
Start Test Date:	2024.8.8	Finish Test Date:	2024.8.8
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3°C	Relative Humidity:	45%
Pressure:	101 kPa		

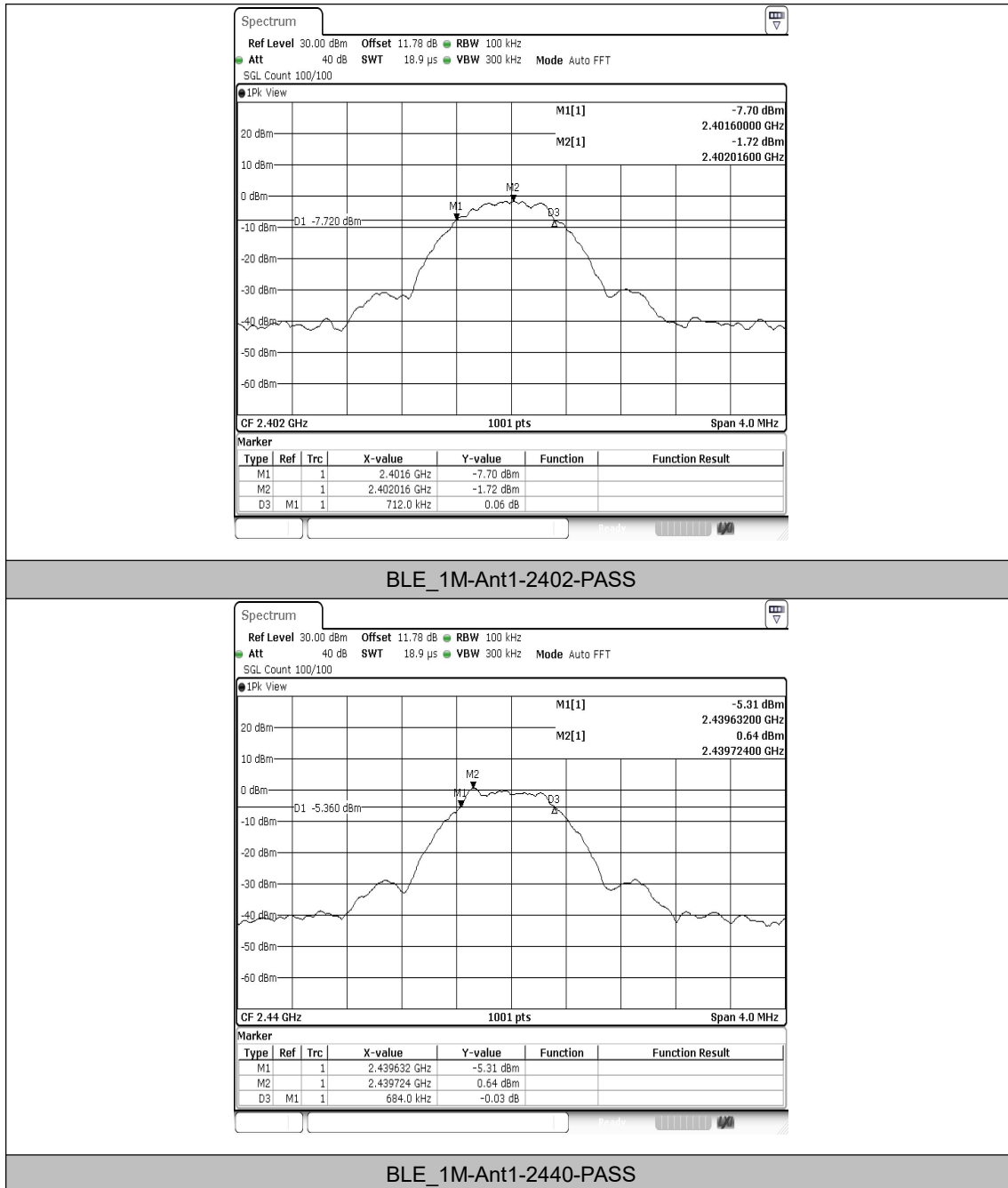
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.60	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.68	2439.63	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.66	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	1.043	2401.4565	2402.4995	---	---
BLE_1M	Ant1	2440	1.019	2439.4605	2440.4795	---	---
BLE_1M	Ant1	2480	1.035	2479.4565	2480.4915	---	---

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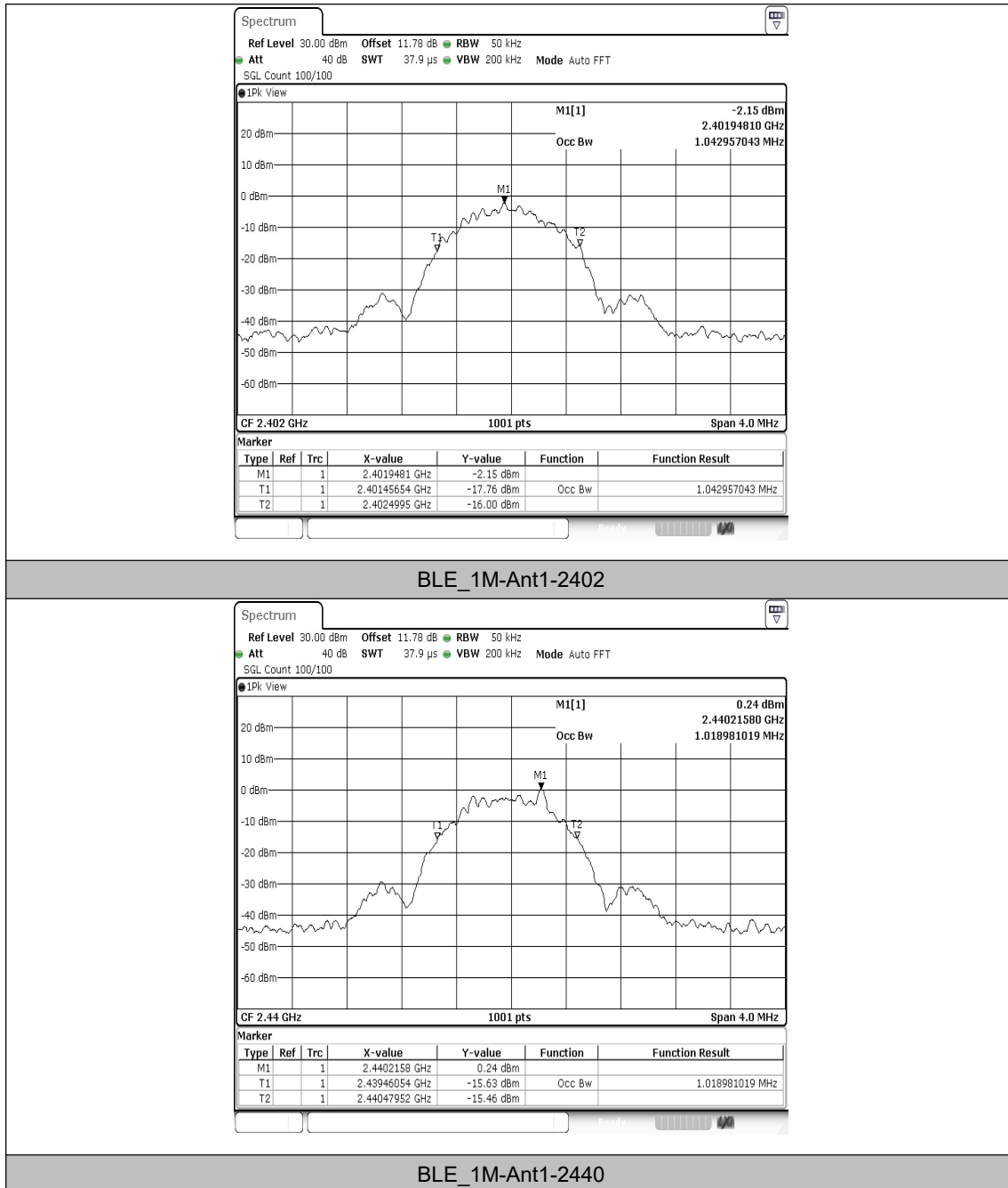
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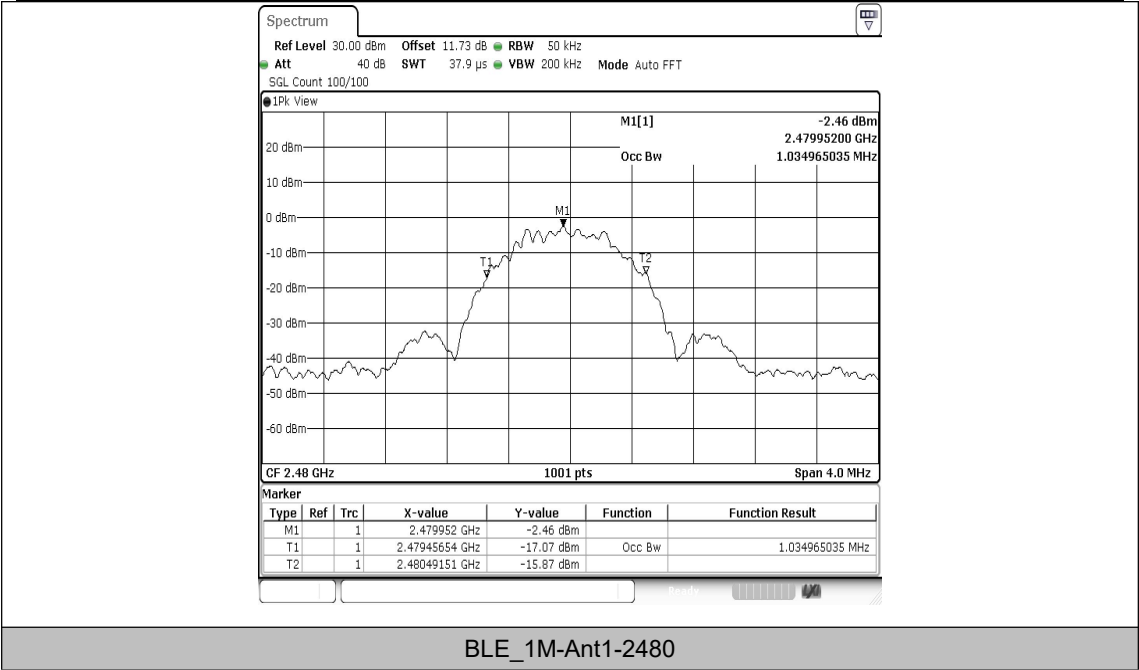


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Test Graphs





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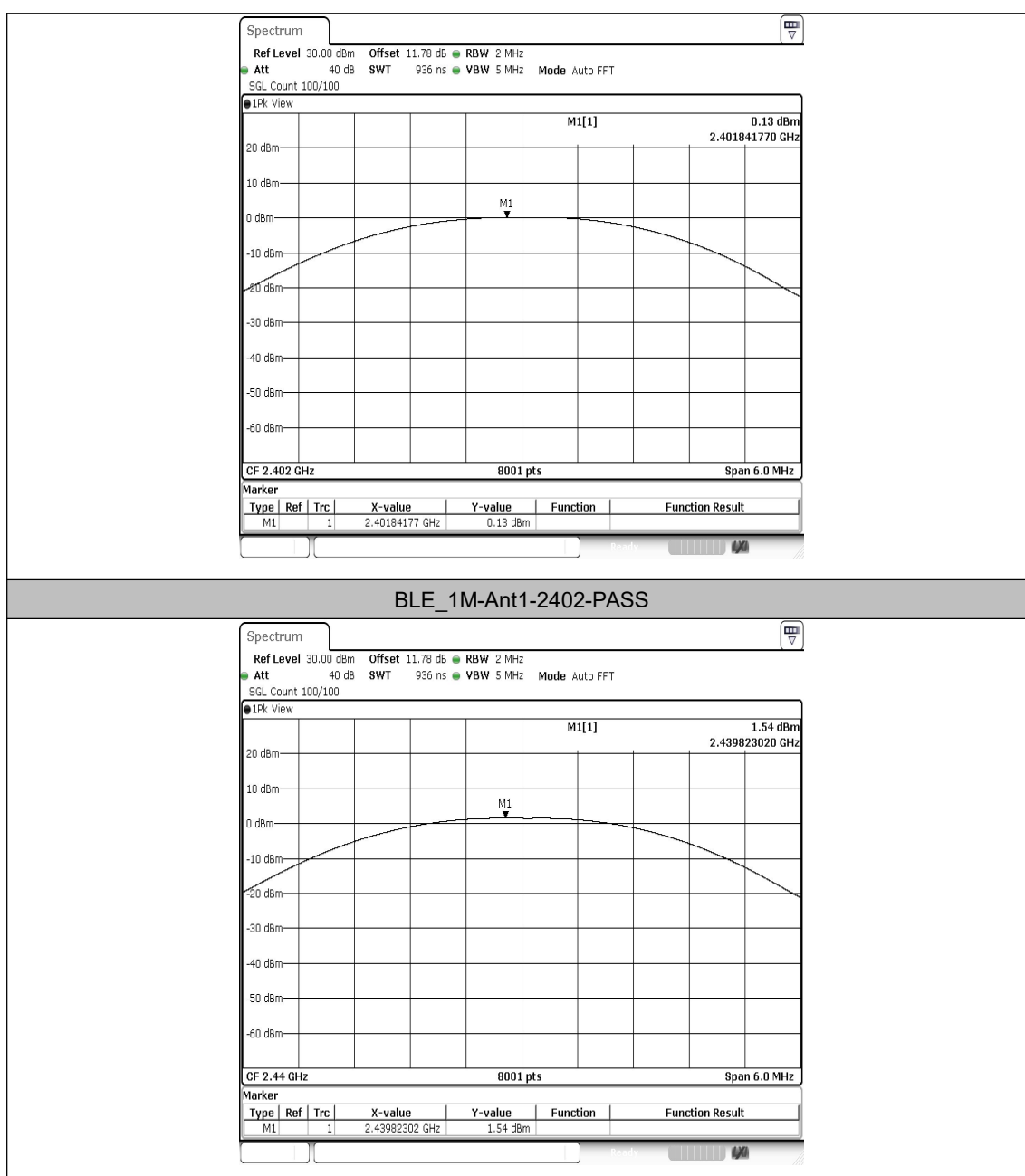


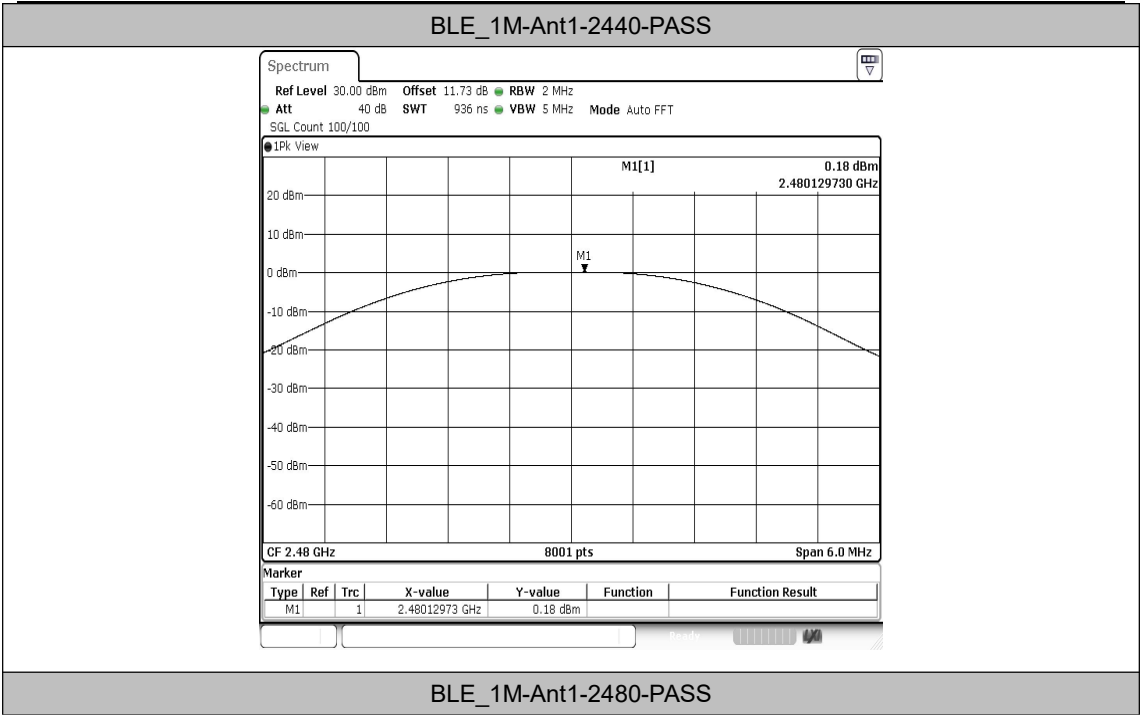
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.13	≤30	1.93	≤36	PASS
BLE_1M	Ant1	2440	1.54	≤30	3.34	≤36	PASS
BLE_1M	Ant1	2480	0.18	≤30	1.98	≤36	PASS

Test Graphs Peak





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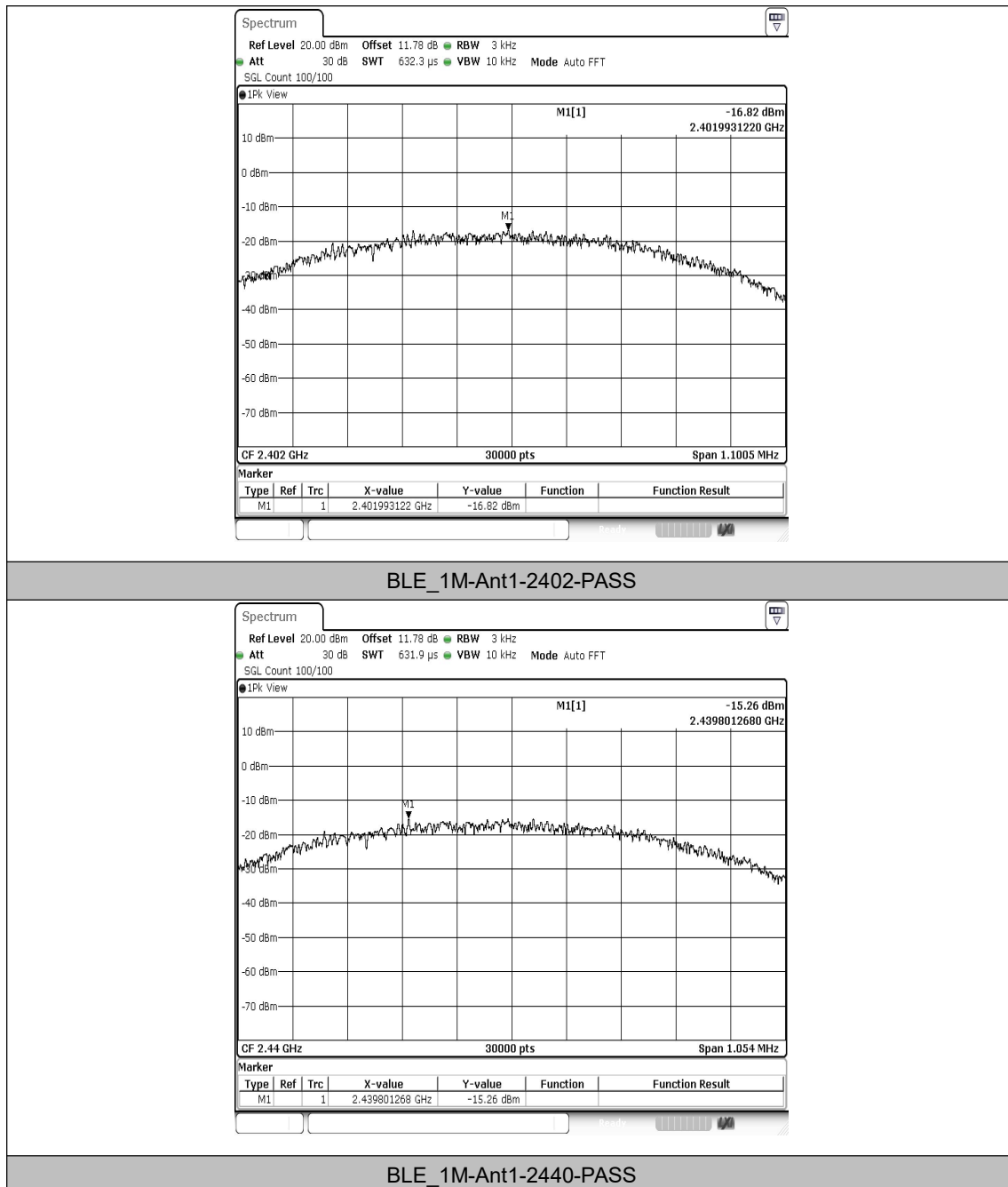
Appendix D: Maximum power spectral density

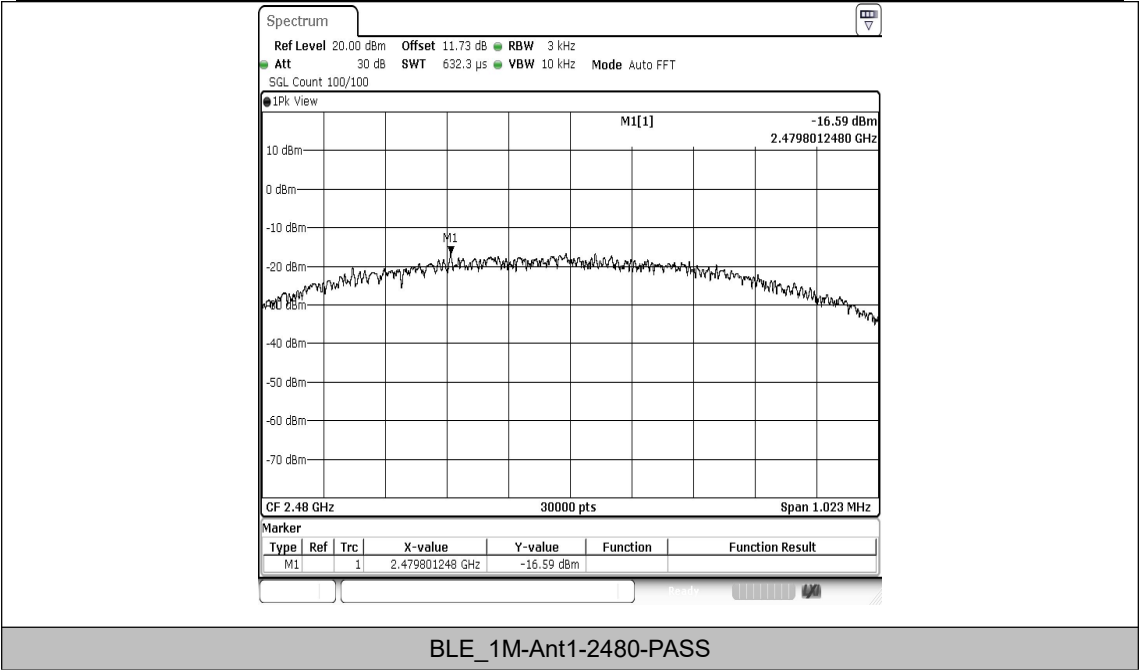
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.82	≤8.00	PASS
BLE_1M	Ant1	2440	-15.26	≤8.00	PASS
BLE_1M	Ant1	2480	-16.59	≤8.00	PASS



Test Graphs





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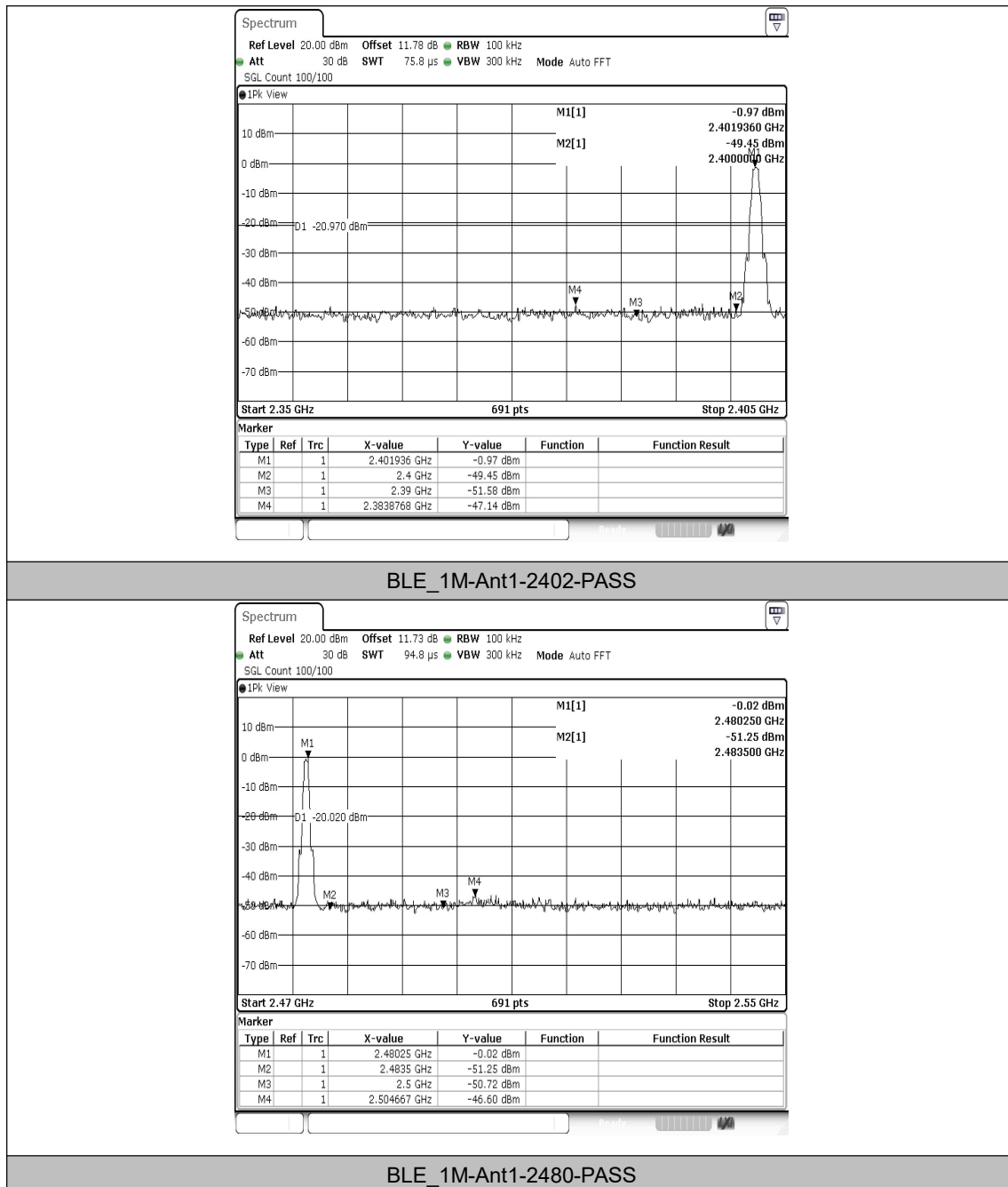
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.97	-47.14	≤-20.97	PASS
BLE_1M	Ant1	High	2480	-0.02	-46.6	≤-20.02	PASS



Test Graphs



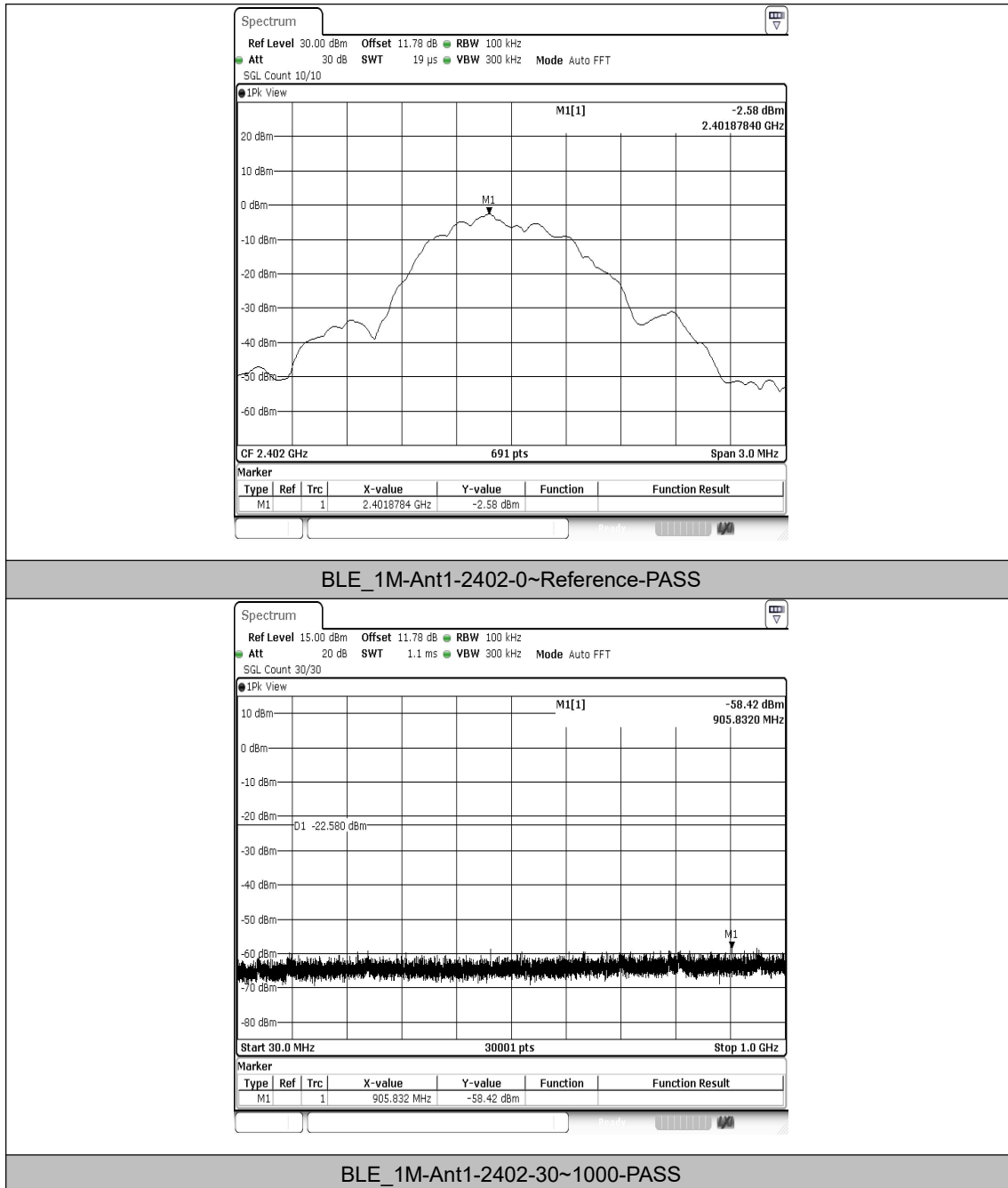
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.58	-2.58	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.58	-58.42	≤-22.58	PASS
BLE_1M	Ant1	2402	1000~26500	-2.58	-43.86	≤-22.58	PASS
BLE_1M	Ant1	2440	0~Reference	-0.33	-0.33	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.33	-58.43	≤-20.33	PASS
BLE_1M	Ant1	2440	1000~26500	-0.33	-44.21	≤-20.33	PASS
BLE_1M	Ant1	2480	0~Reference	-1.56	-1.56	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.56	-57.65	≤-21.56	PASS
BLE_1M	Ant1	2480	1000~26500	-1.56	-44.46	≤-21.56	PASS



Test Graphs



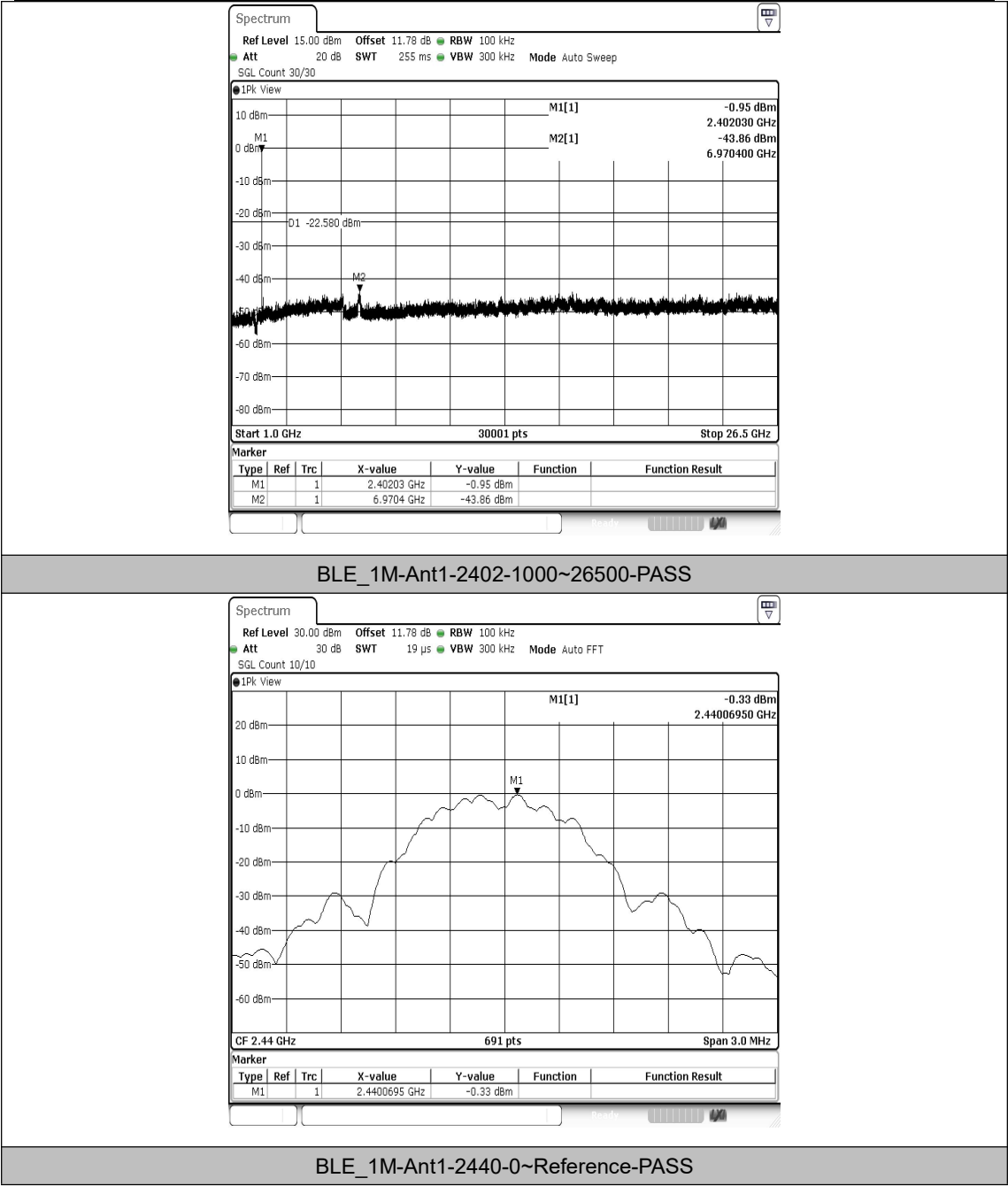
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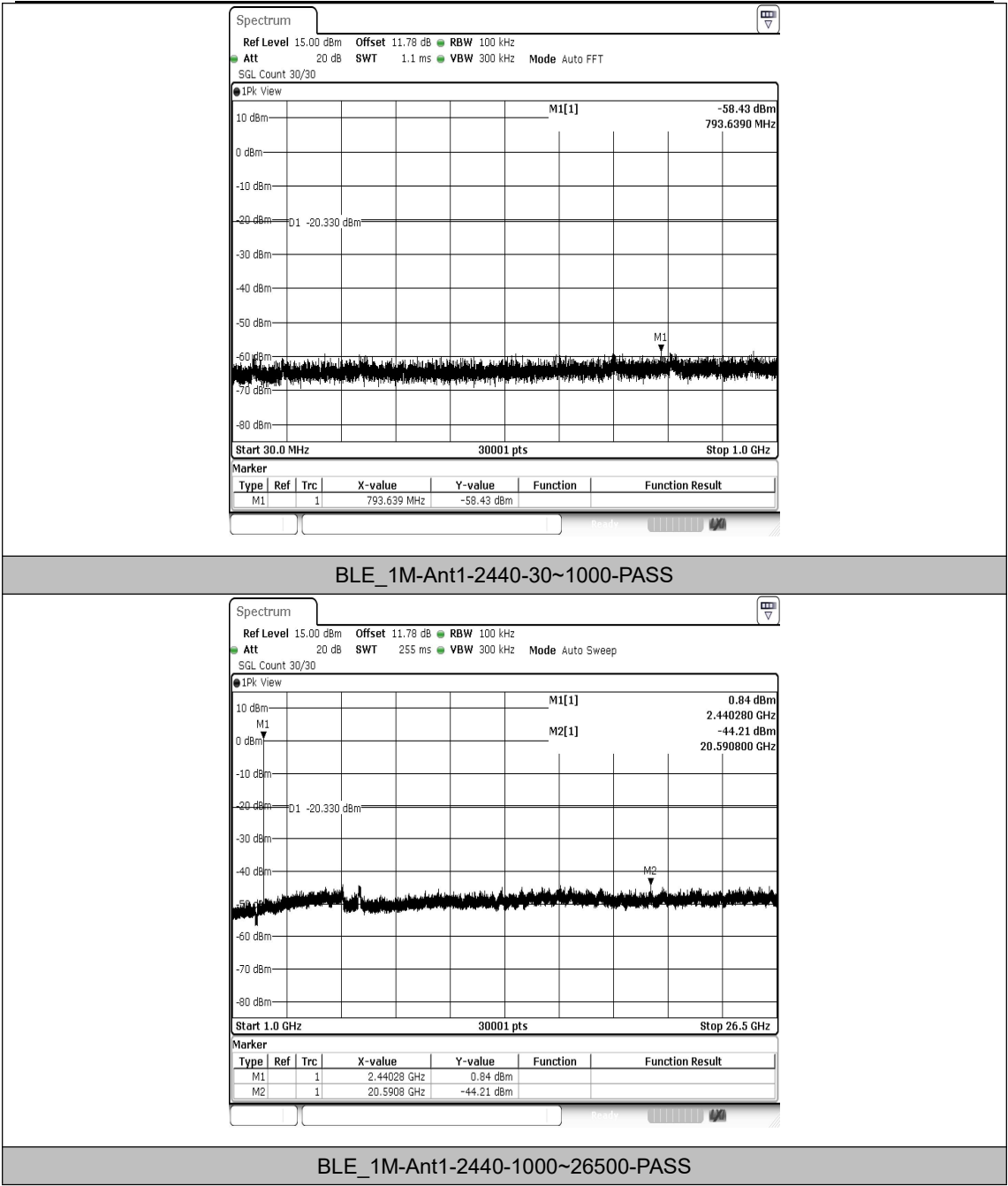
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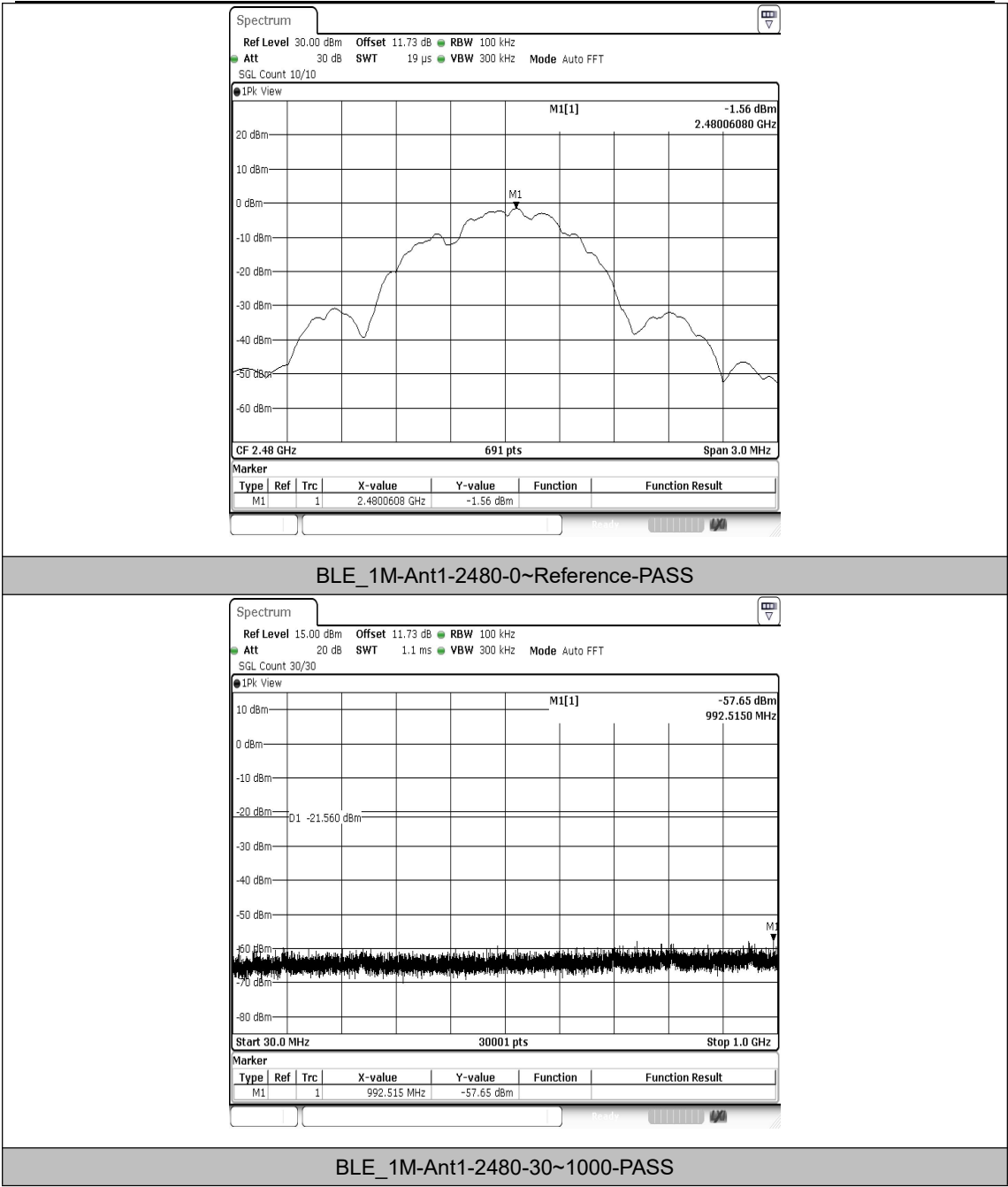


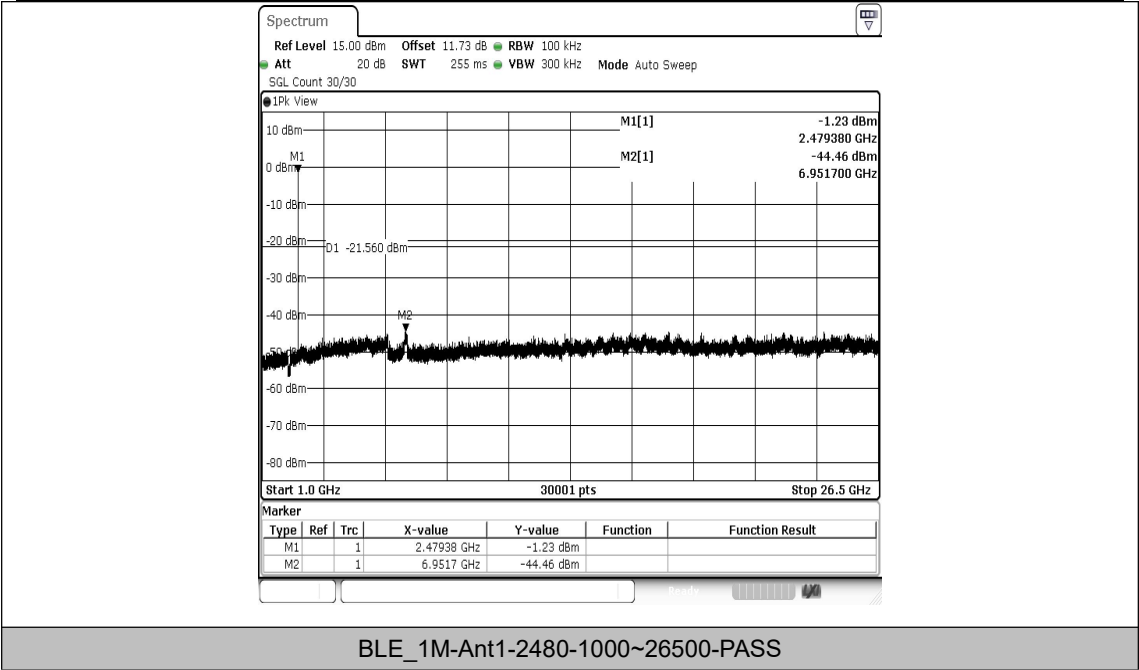
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