

Appendix Test Data

Report No:	1812C40116012501	Test Sample NO:	1-2-2
Start Test Date:	2024.10.25	Finish Test Date:	2024.10.25
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.6°C	Relative Humidity:	54%
Pressure:	101 kPa		

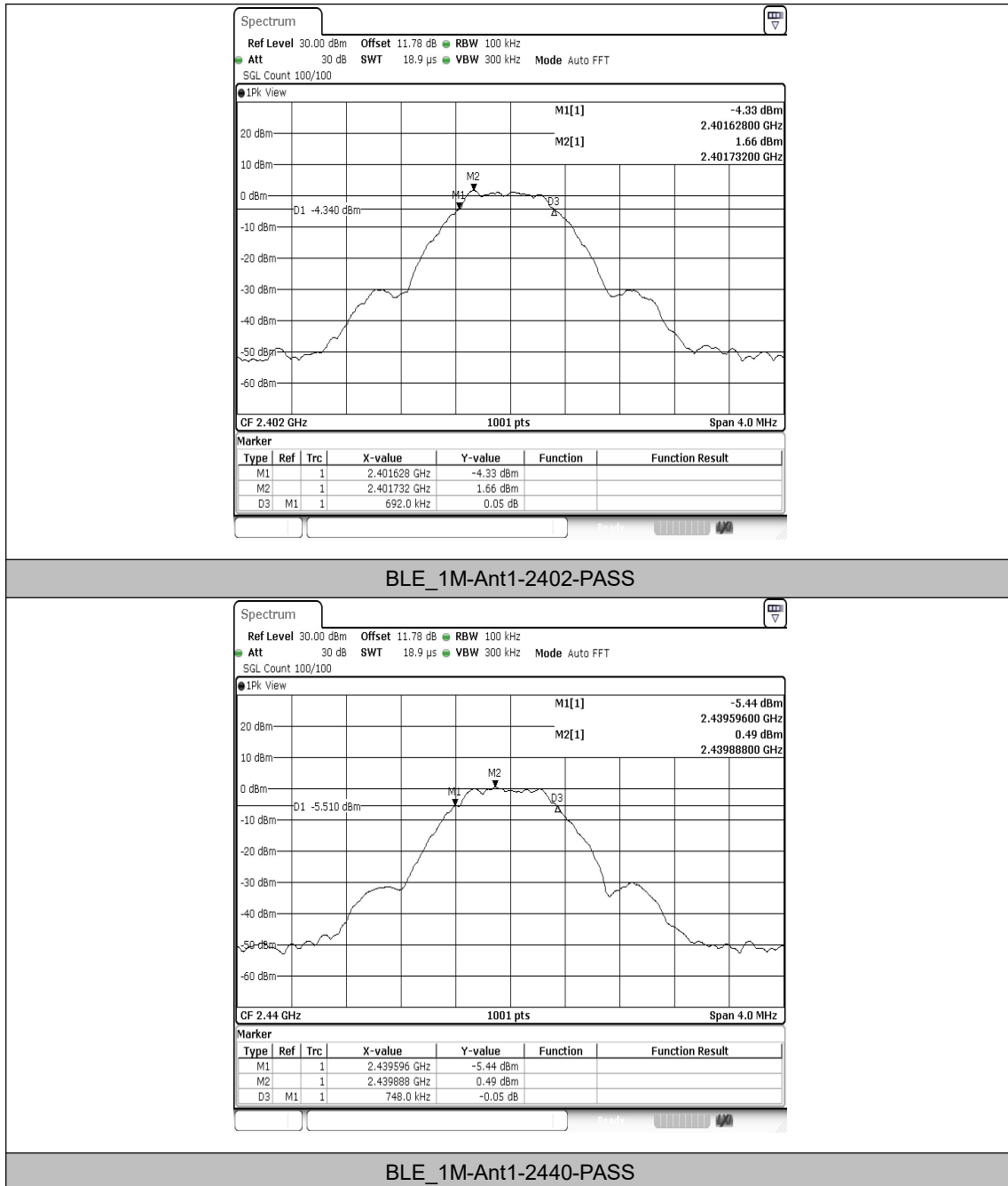
Appendix A: DTS Bandwidth

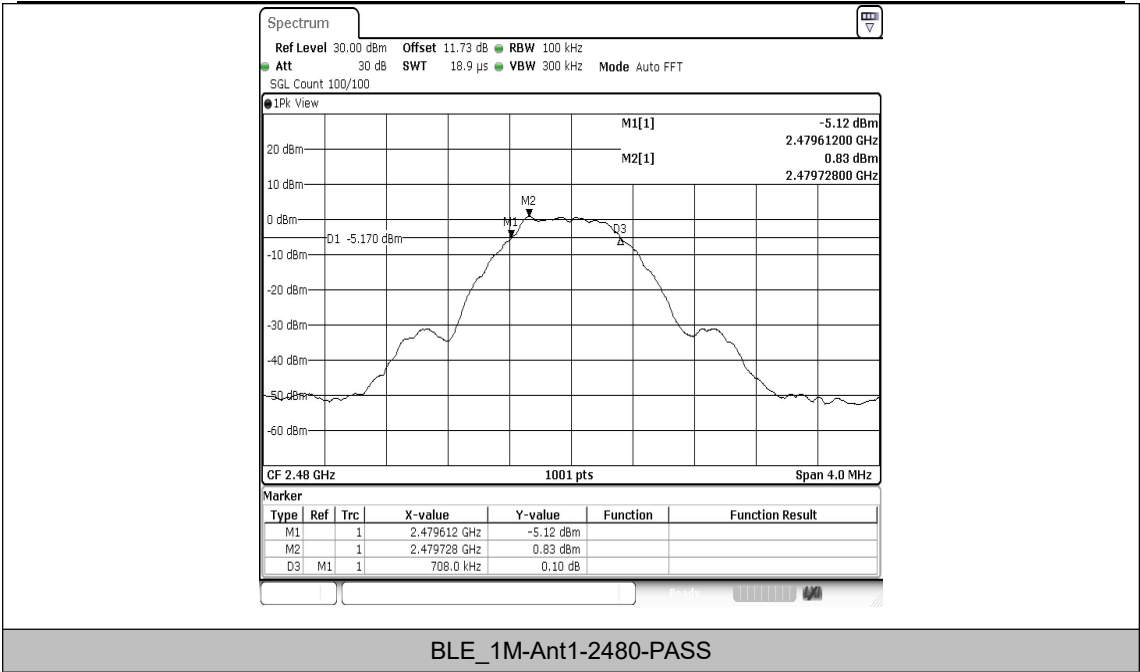
Test Result

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	2439.60	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.71	2479.61	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	1.023	2401.4565	2402.4795	---	---
BLE_1M	Ant1	2440	1.043	2439.4486	2440.4915	---	---
BLE_1M	Ant1	2480	1.015	2479.4685	2480.4835	---	---

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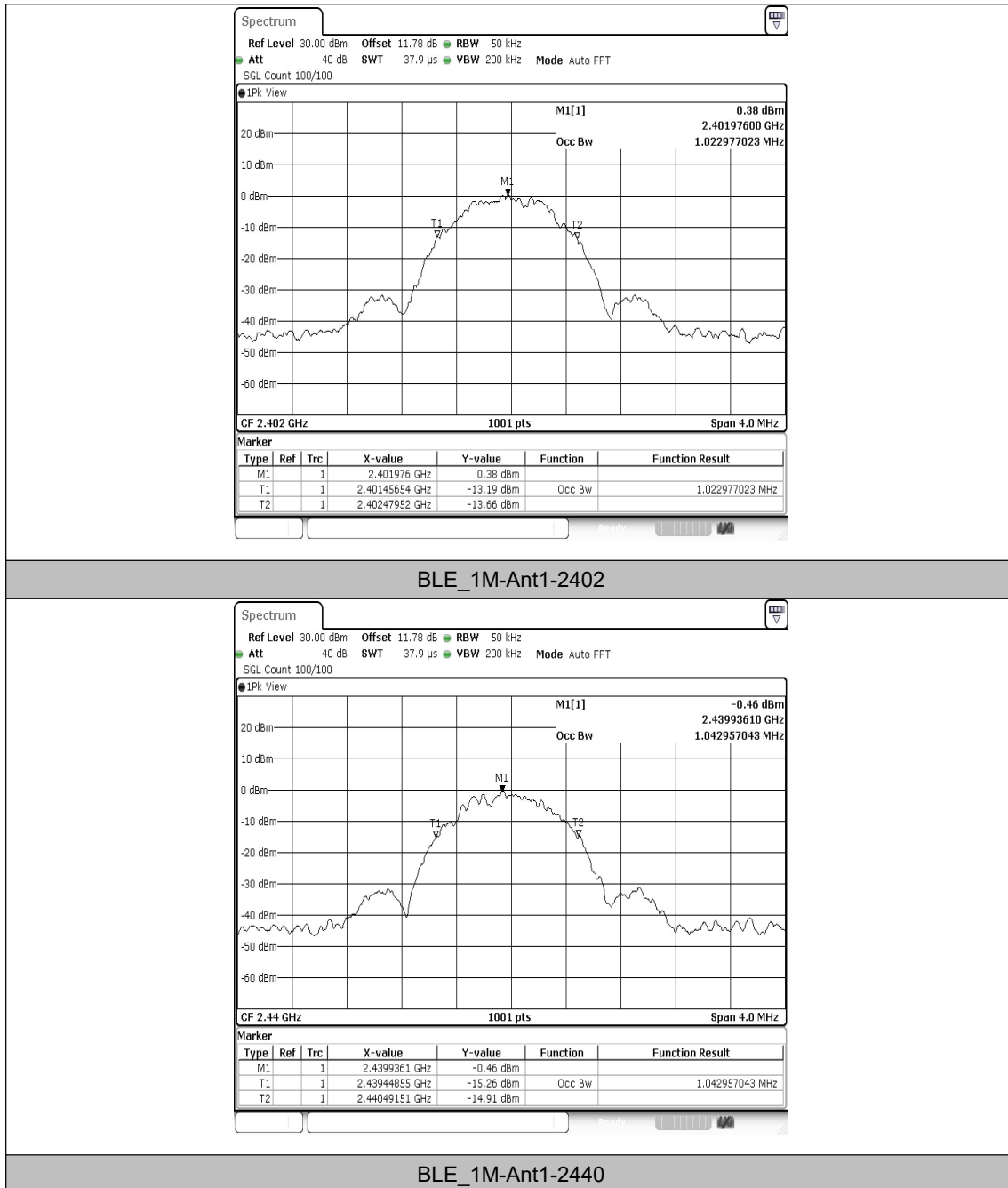
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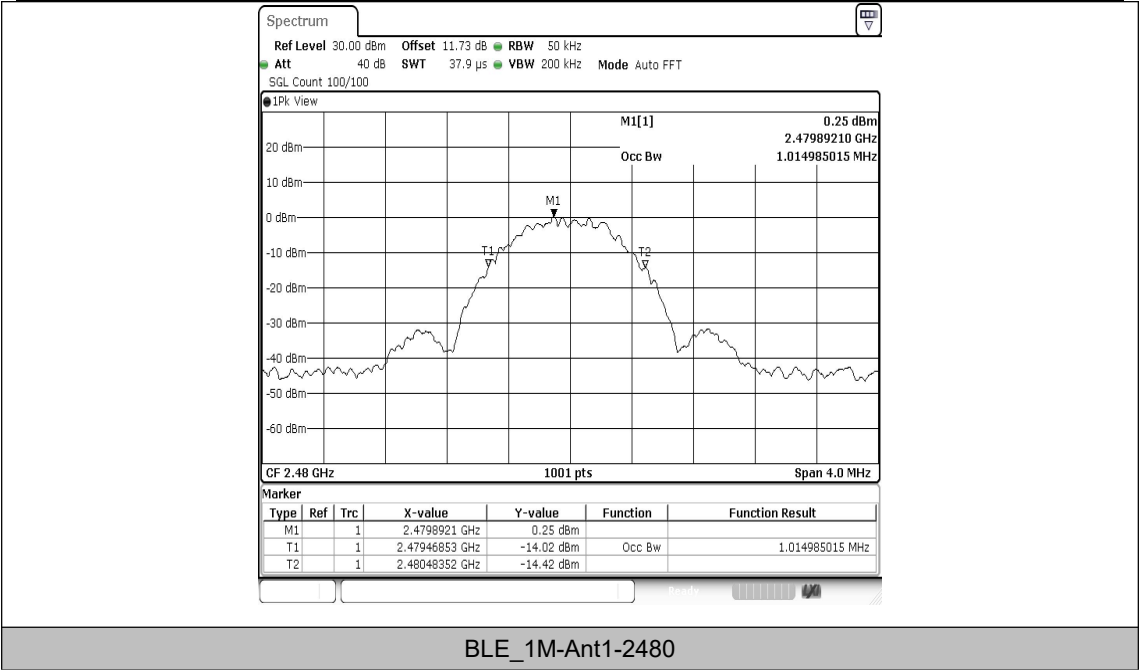


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Test Graphs





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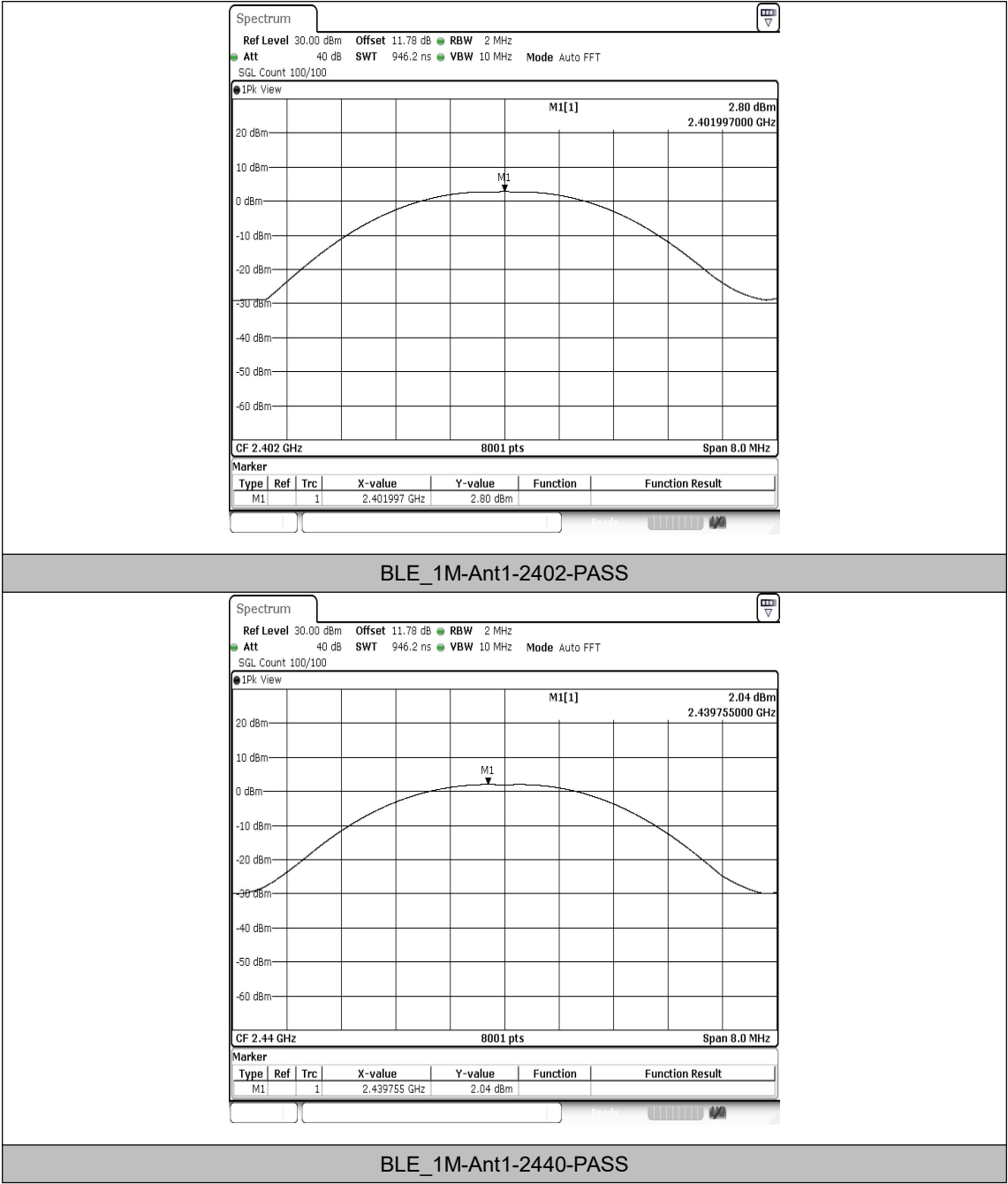
Appendix C: Maximum conducted output power

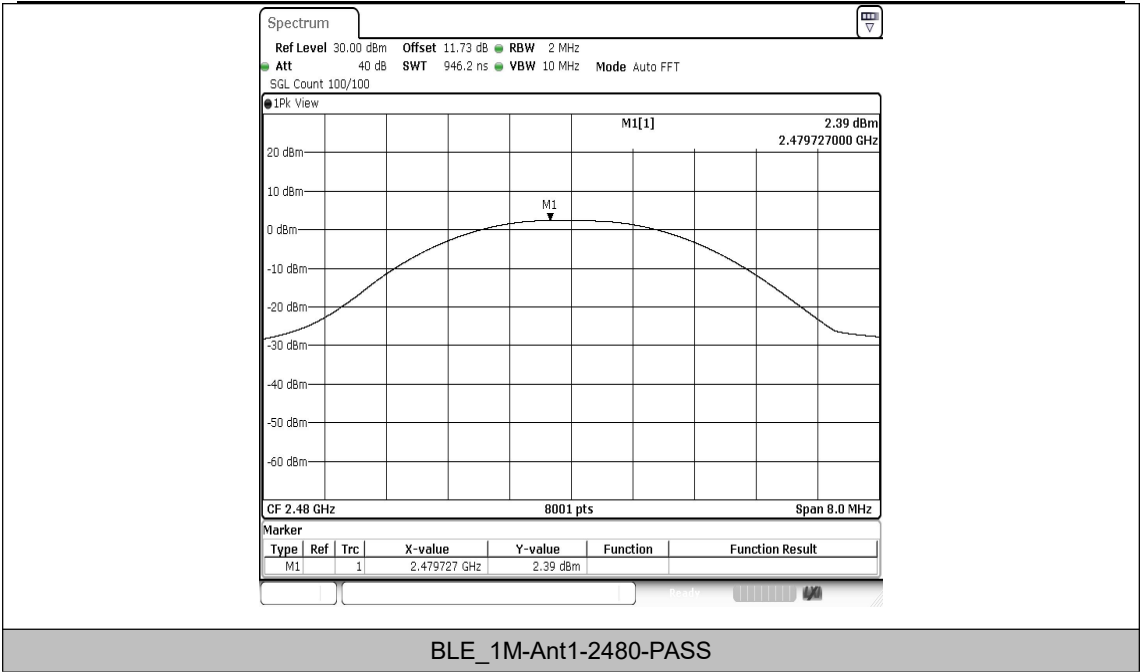
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.80	≤30	PASS
BLE_1M	Ant1	2440	2.04	≤30	PASS
BLE_1M	Ant1	2480	2.39	≤30	PASS



Test Graphs Peak





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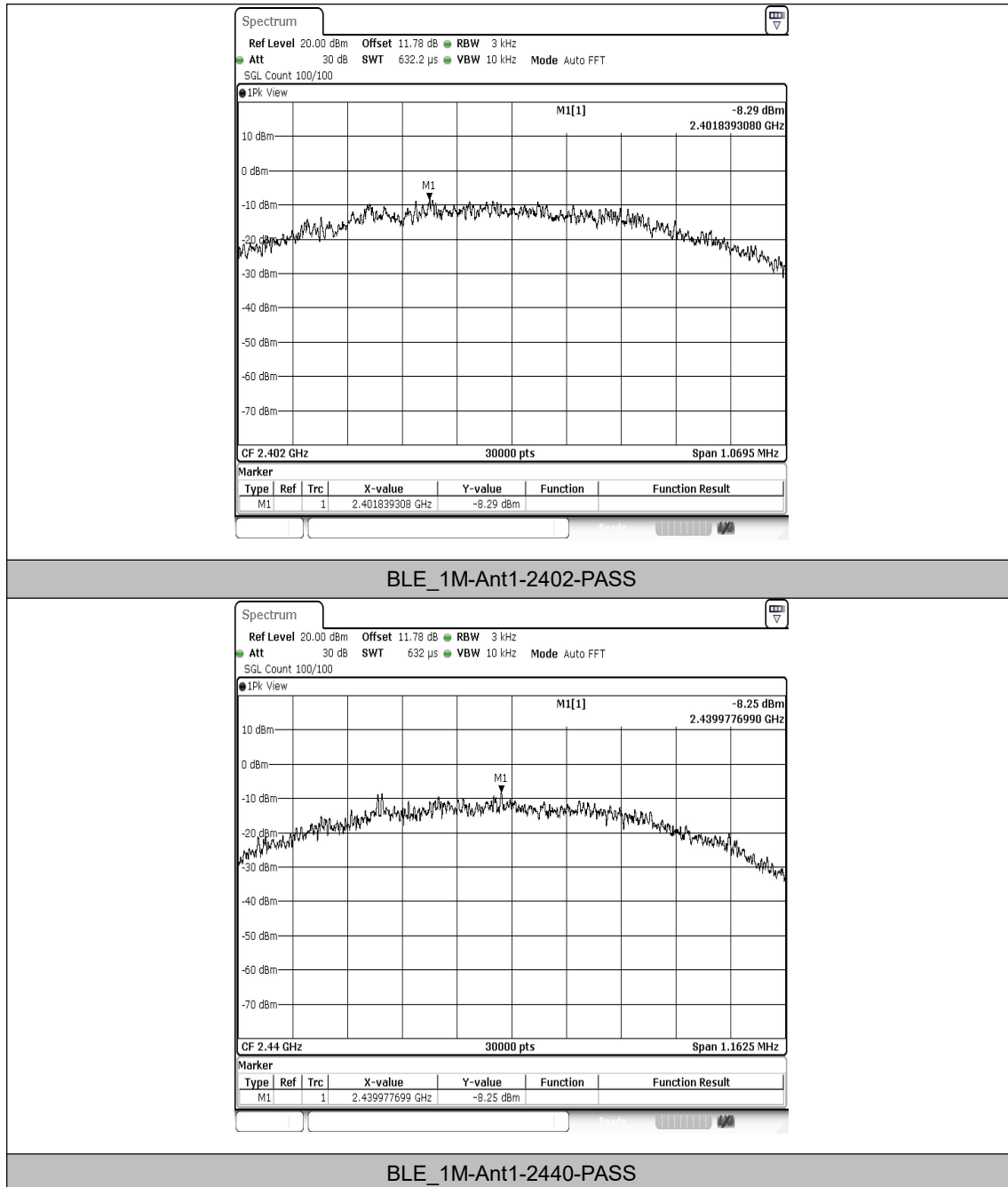
Appendix D: Maximum power spectral density

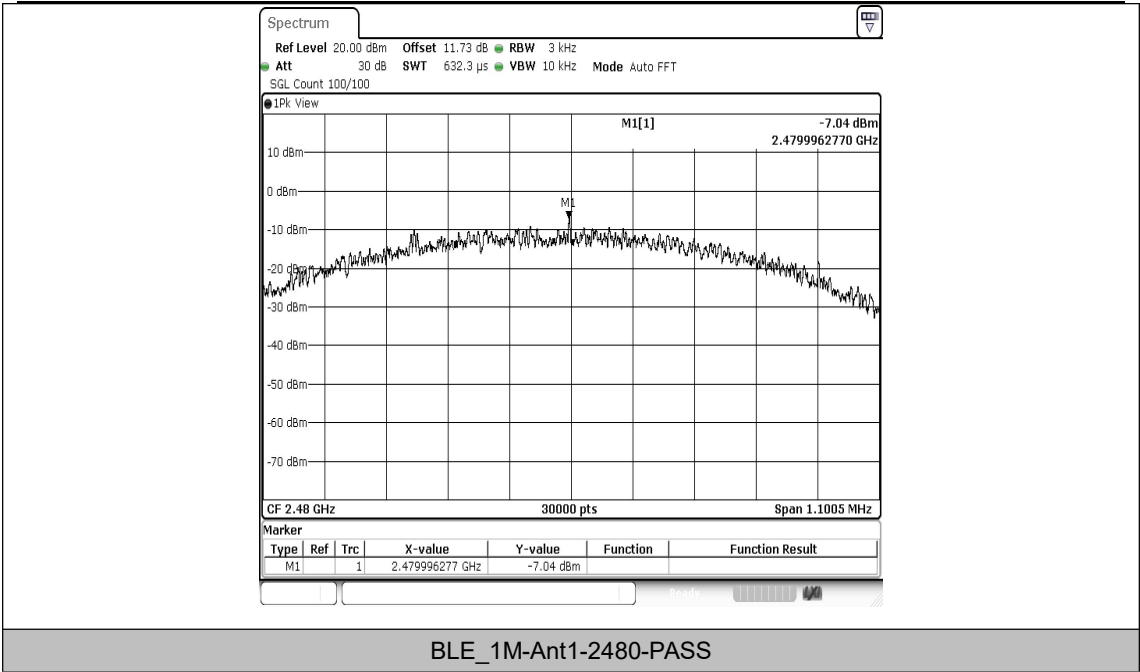
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.29	≤8.00	PASS
BLE_1M	Ant1	2440	-8.25	≤8.00	PASS
BLE_1M	Ant1	2480	-7.04	≤8.00	PASS



Test Graphs





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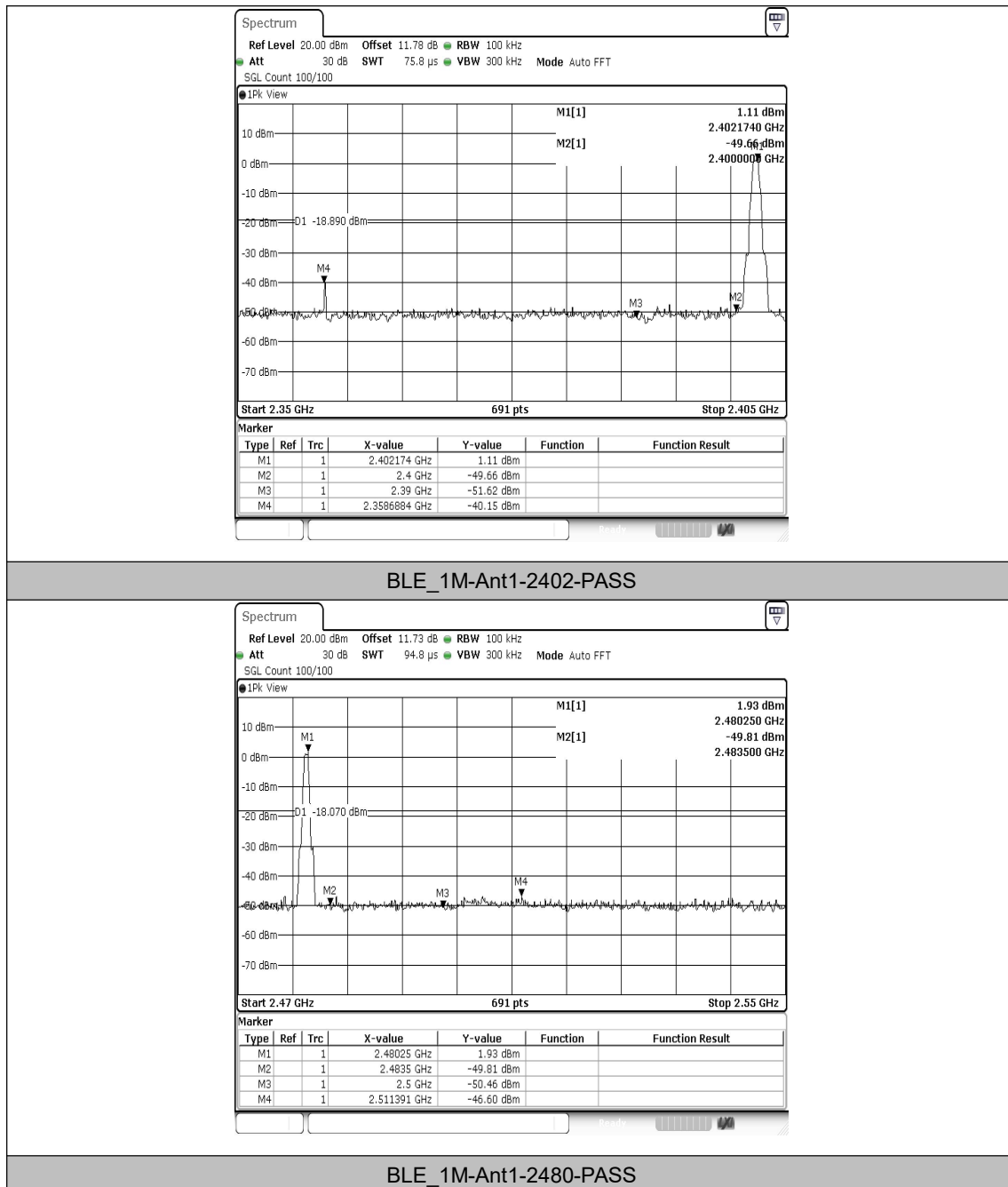
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.11	-40.15	≤-18.89	PASS
BLE_1M	Ant1	High	2480	1.93	-46.6	≤-18.07	PASS



Test Graphs



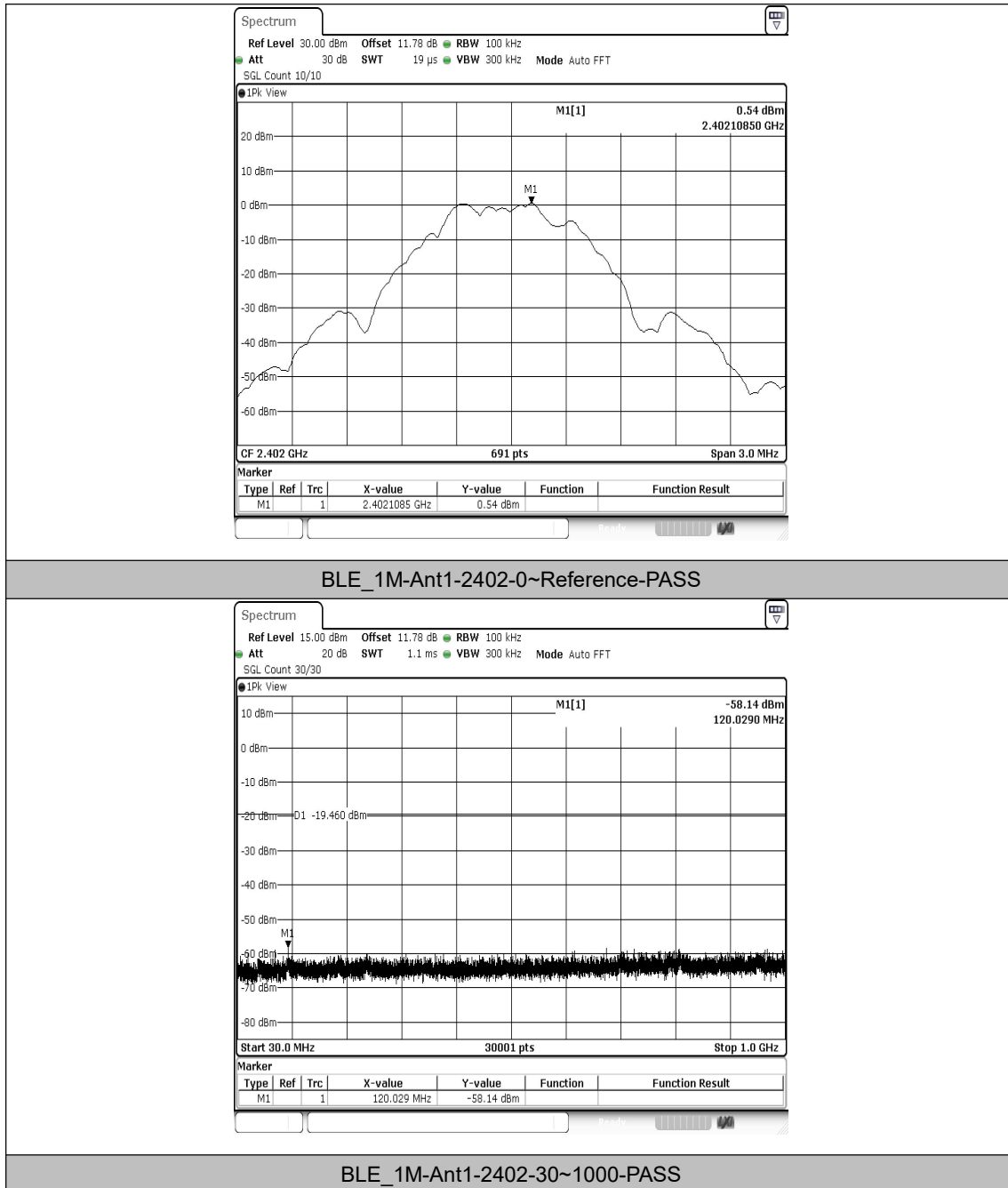
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.54	0.54	---	PASS
BLE_1M	Ant1	2402	30~1000	0.54	-58.14	≤-19.46	PASS
BLE_1M	Ant1	2402	1000~26500	0.54	-37.53	≤-19.46	PASS
BLE_1M	Ant1	2440	0~Reference	-0.44	-0.44	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.44	-57.02	≤-20.44	PASS
BLE_1M	Ant1	2440	1000~26500	-0.44	-39.3	≤-20.44	PASS
BLE_1M	Ant1	2480	0~Reference	0.17	0.17	---	PASS
BLE_1M	Ant1	2480	30~1000	0.17	-57.37	≤-19.83	PASS
BLE_1M	Ant1	2480	1000~26500	0.17	-41.81	≤-19.83	PASS



Test Graphs



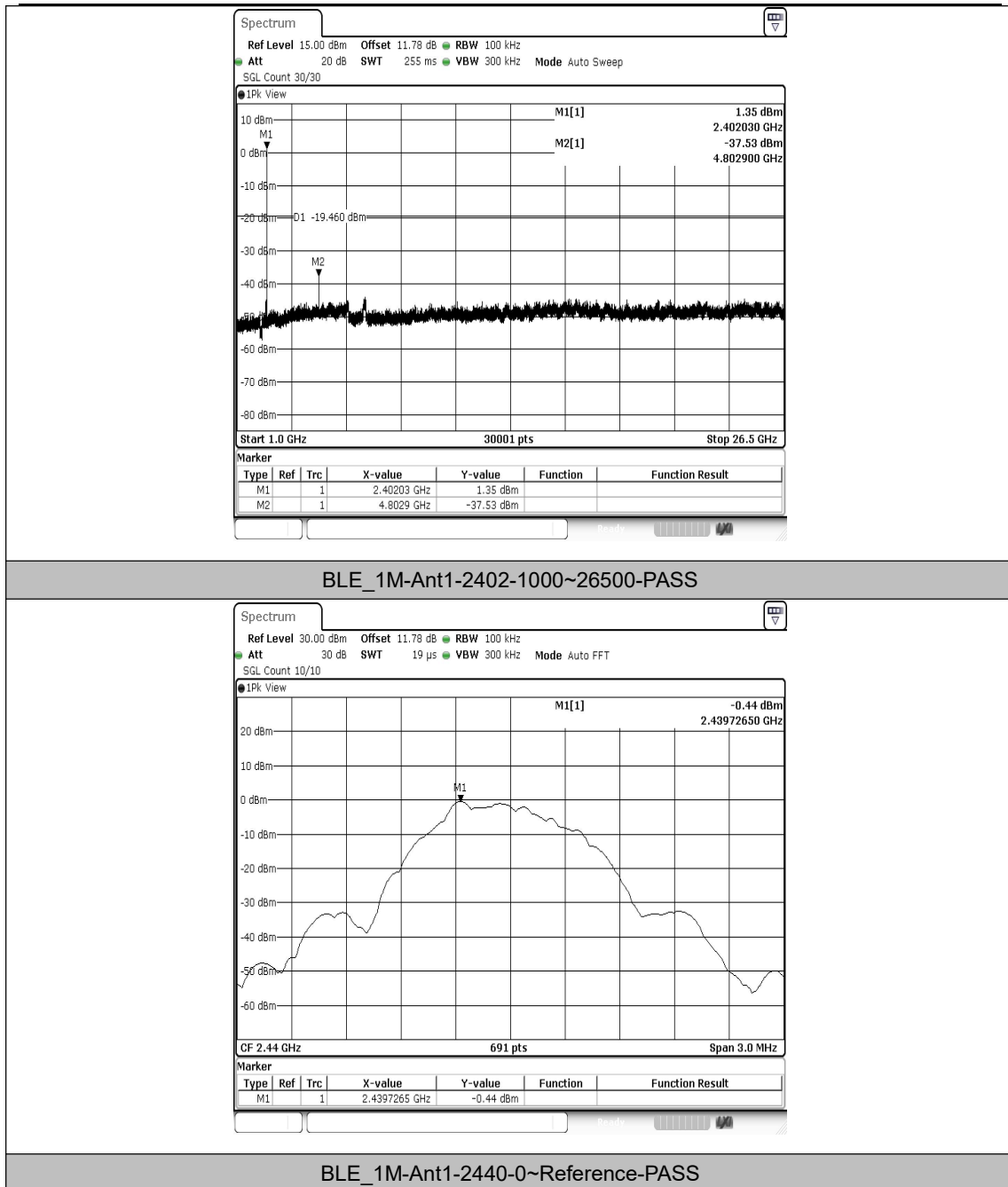
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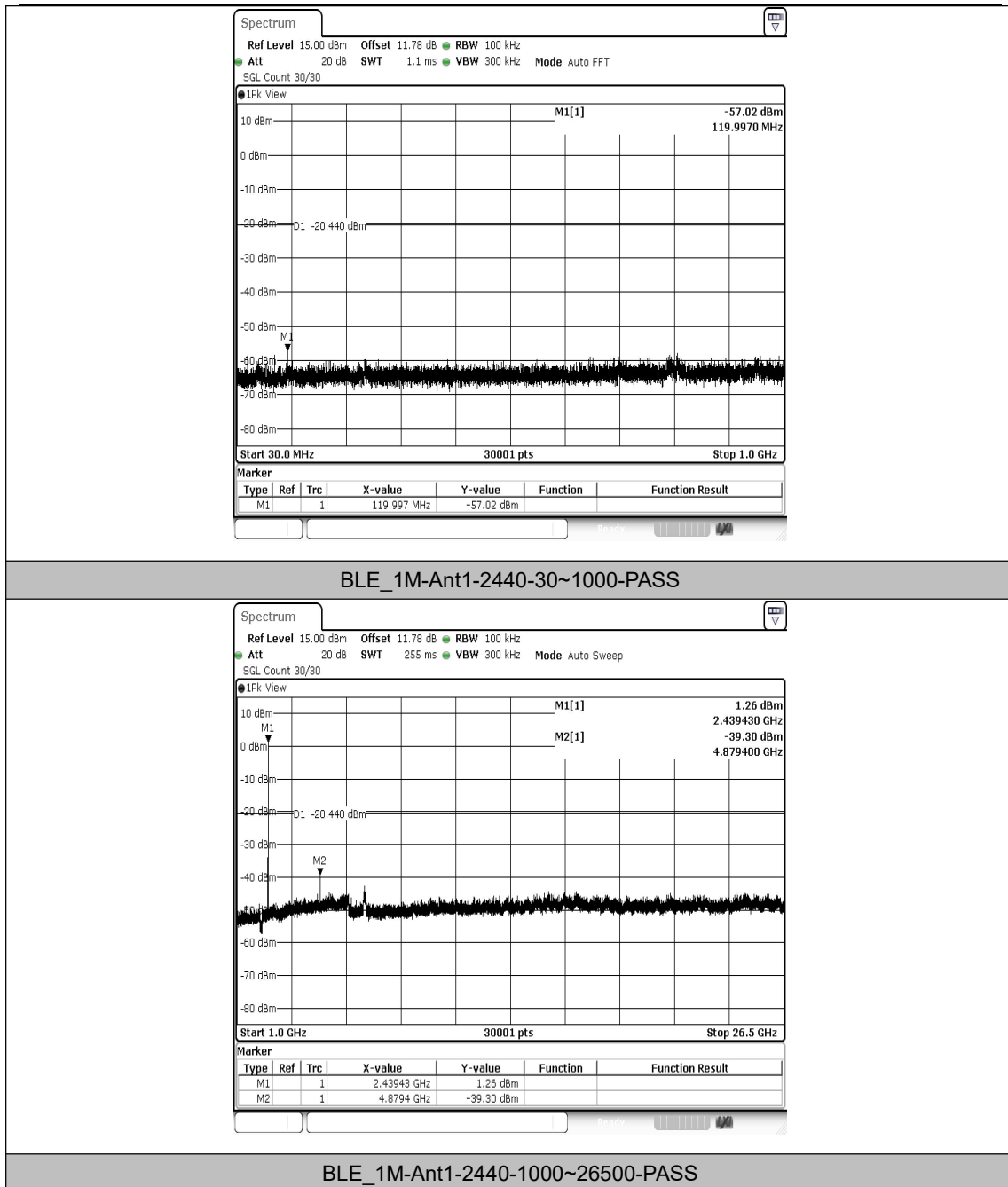


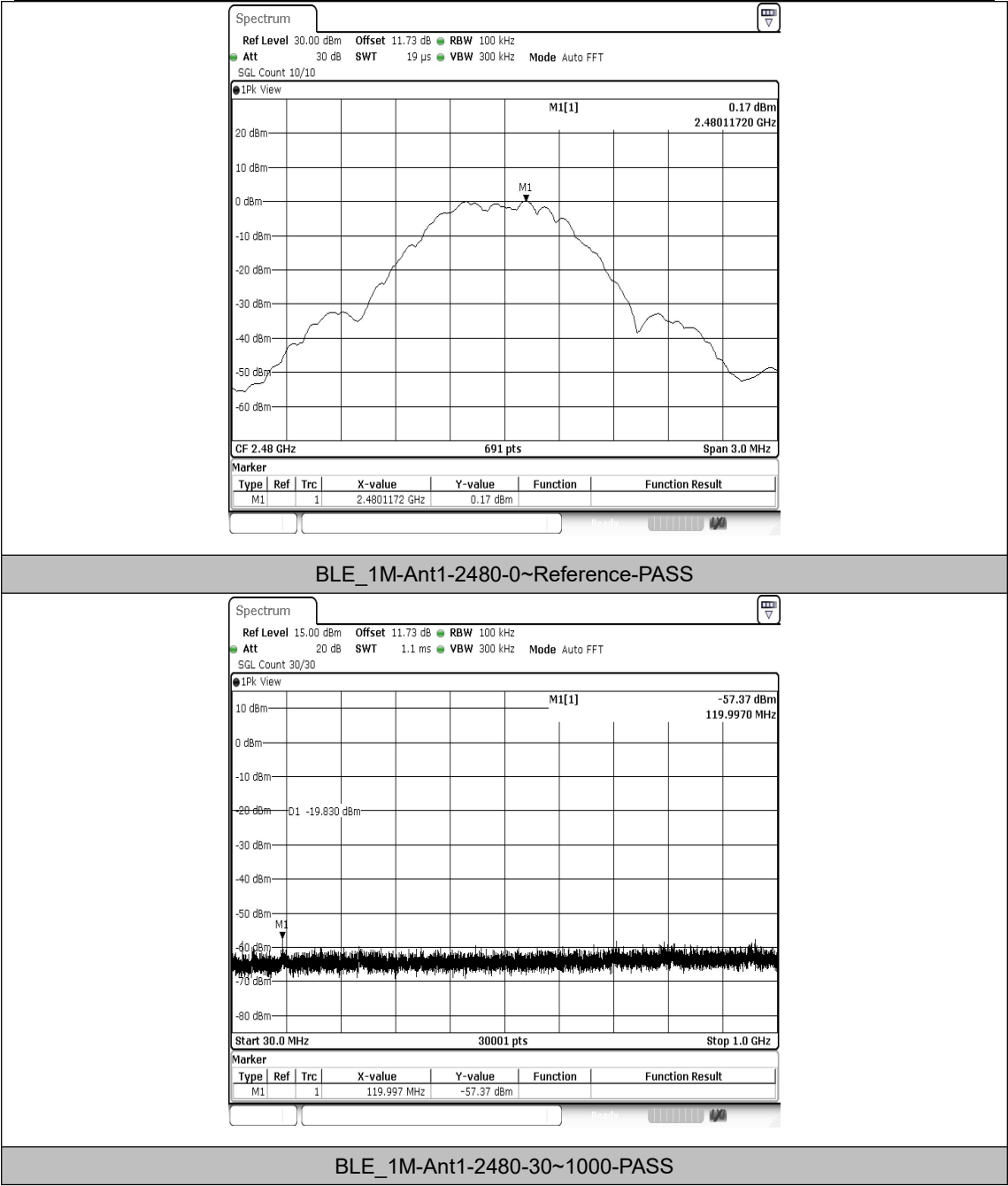
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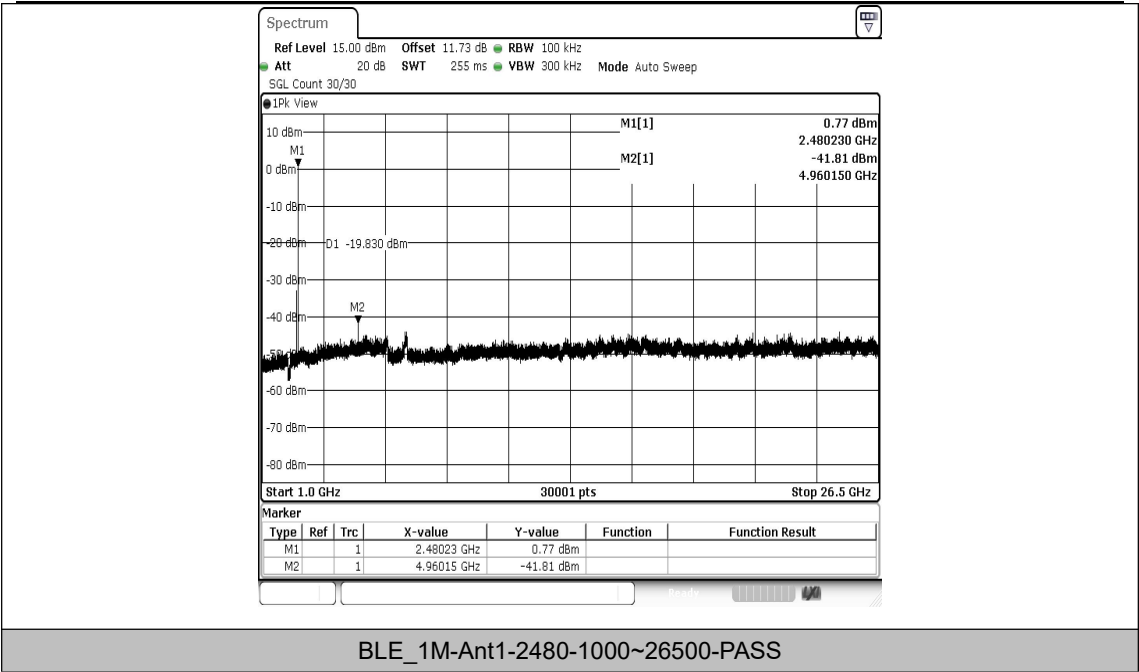
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