

Appendix Test Data

Report No:	1816C40001612501	Test Sample NO:	1-2-2
Start Test Date:	2024.8.8	Finish Test Date:	2024.8.8
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

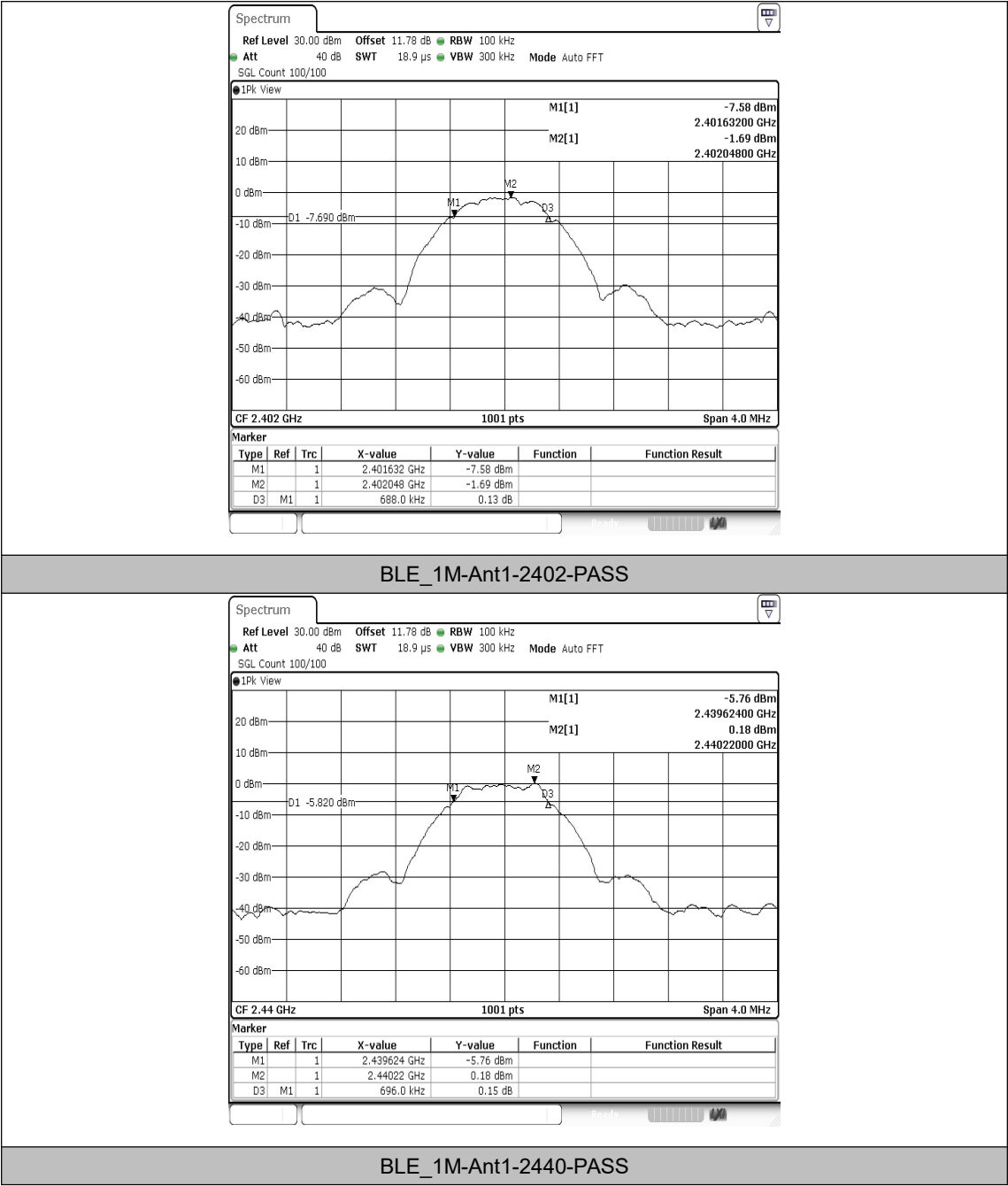
Appendix A: DTS Bandwidth

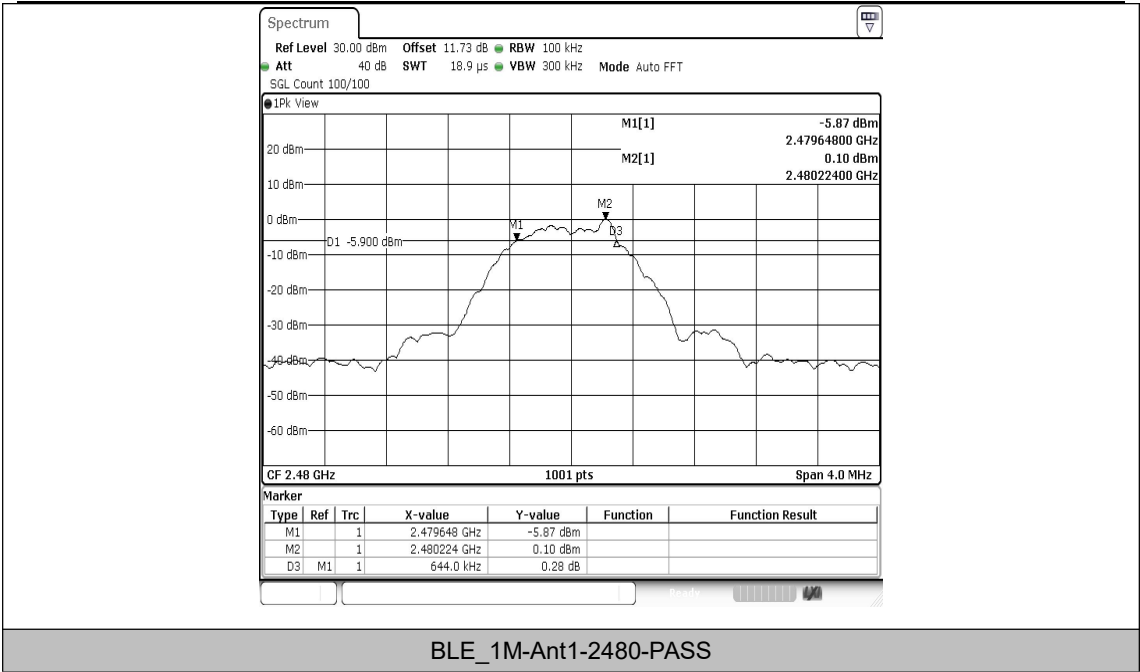
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.63	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.70	2439.62	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.65	2480.29	0.5	PASS



Test Graphs





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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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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	1.031	2401.4605	2402.4915	---	---
BLE_1M	Ant1	2440	1.019	2439.4645	2440.4835	---	---
BLE_1M	Ant1	2480	1.039	2479.4525	2480.4915	---	---

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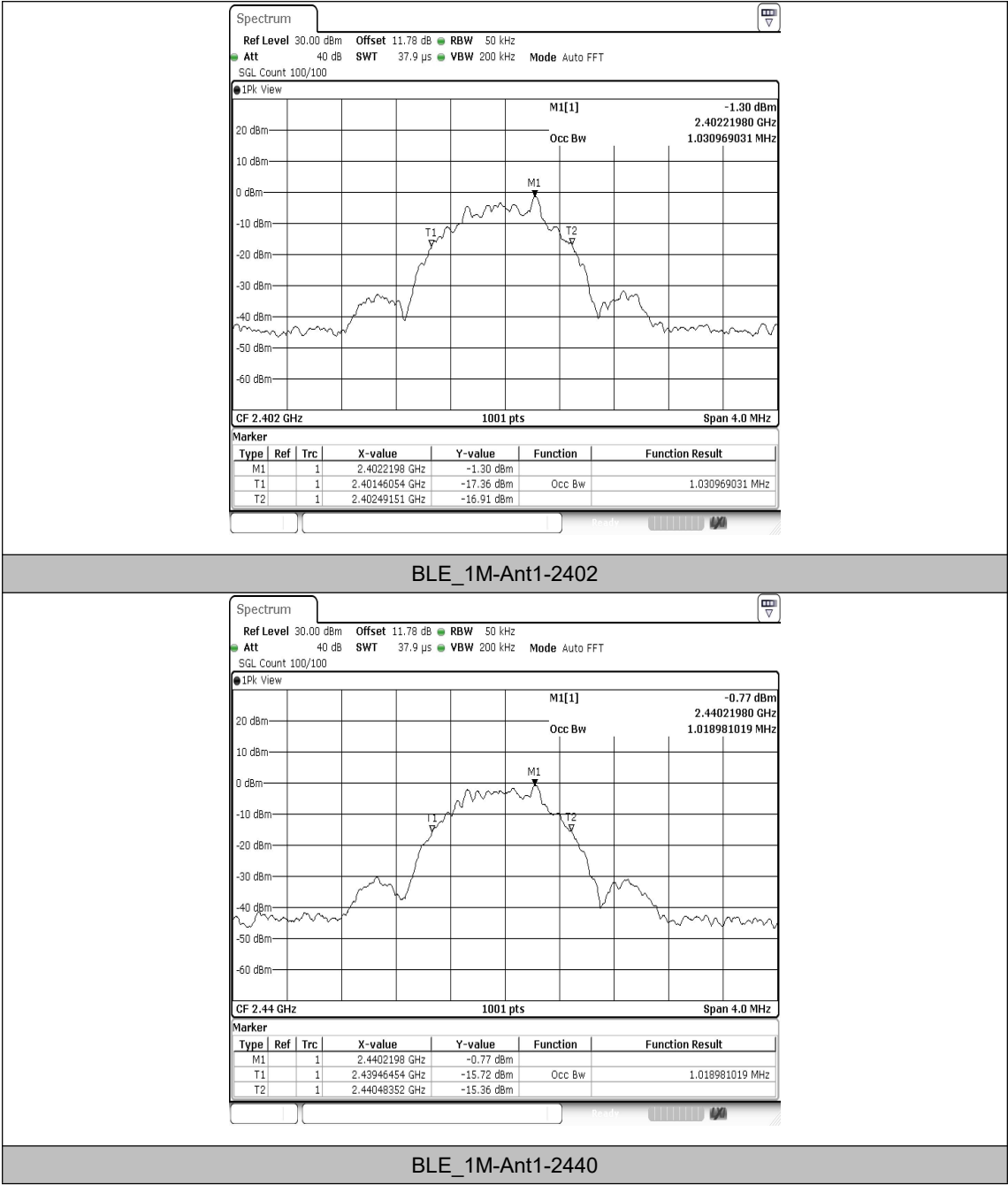
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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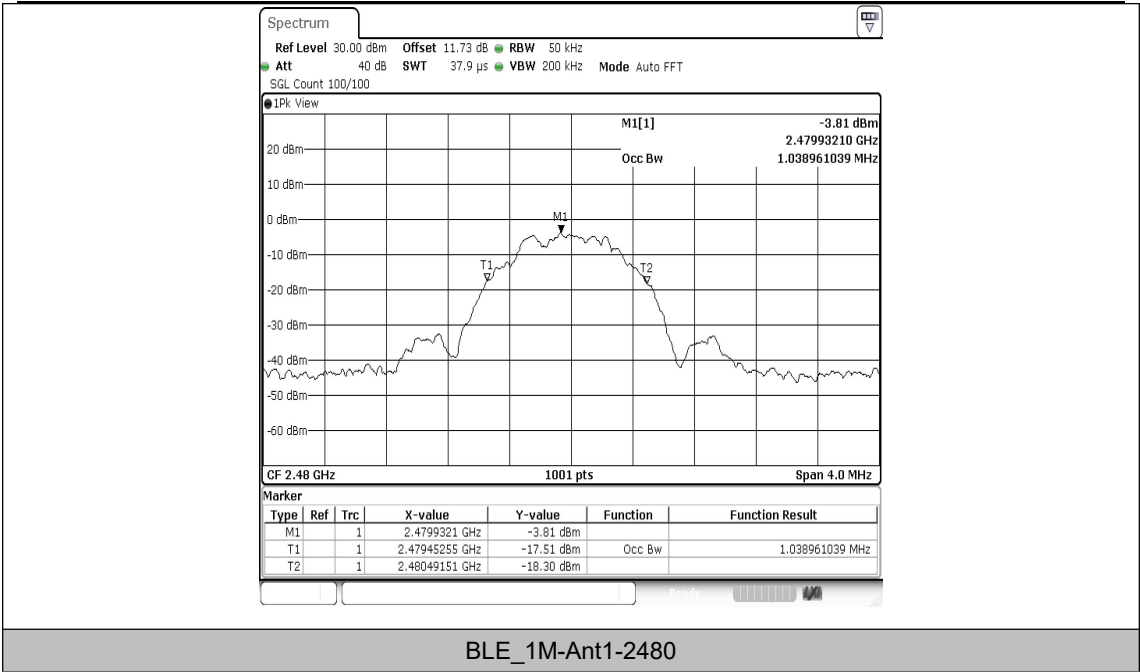


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Test Graphs





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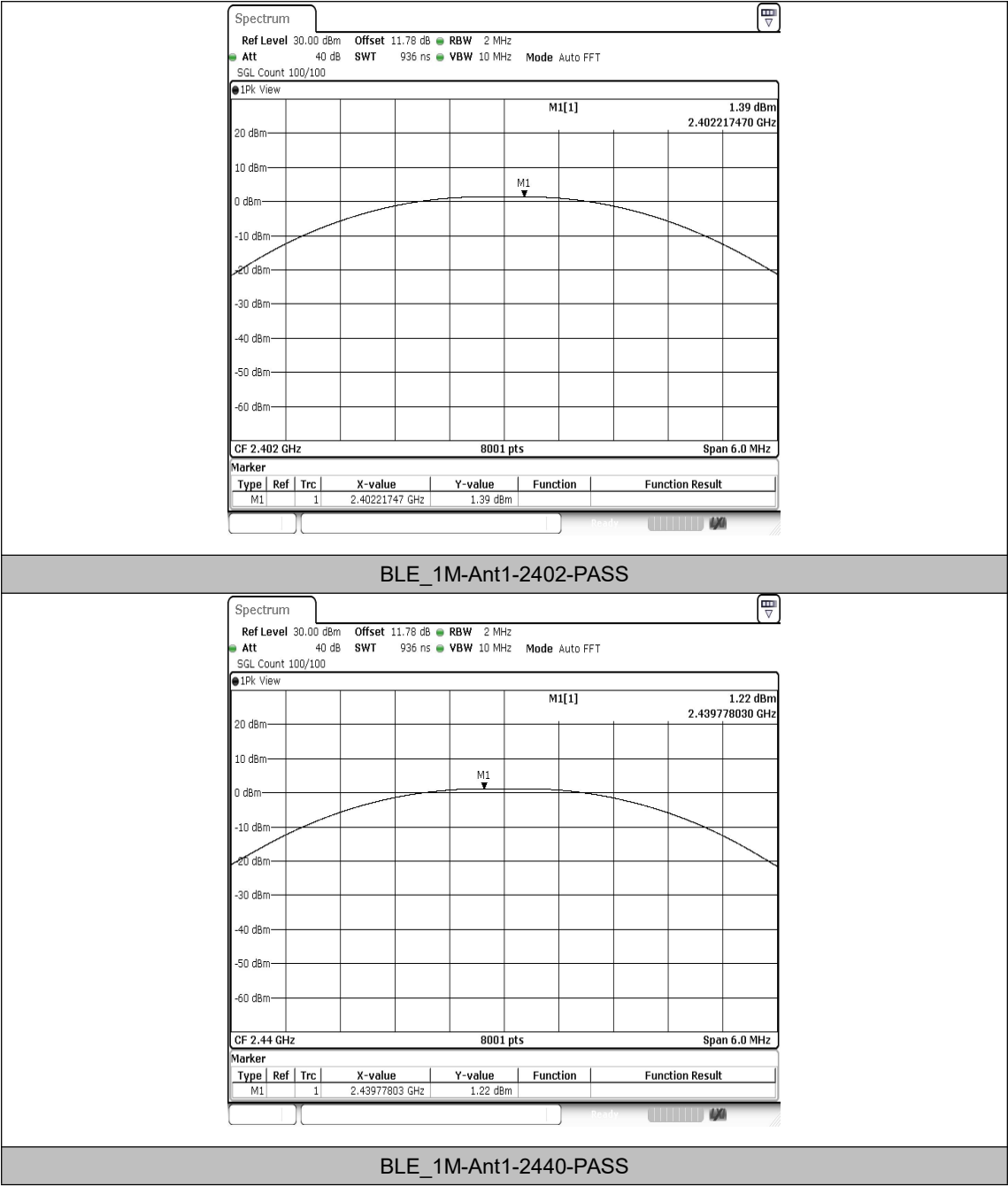
Appendix C: Maximum conducted output power

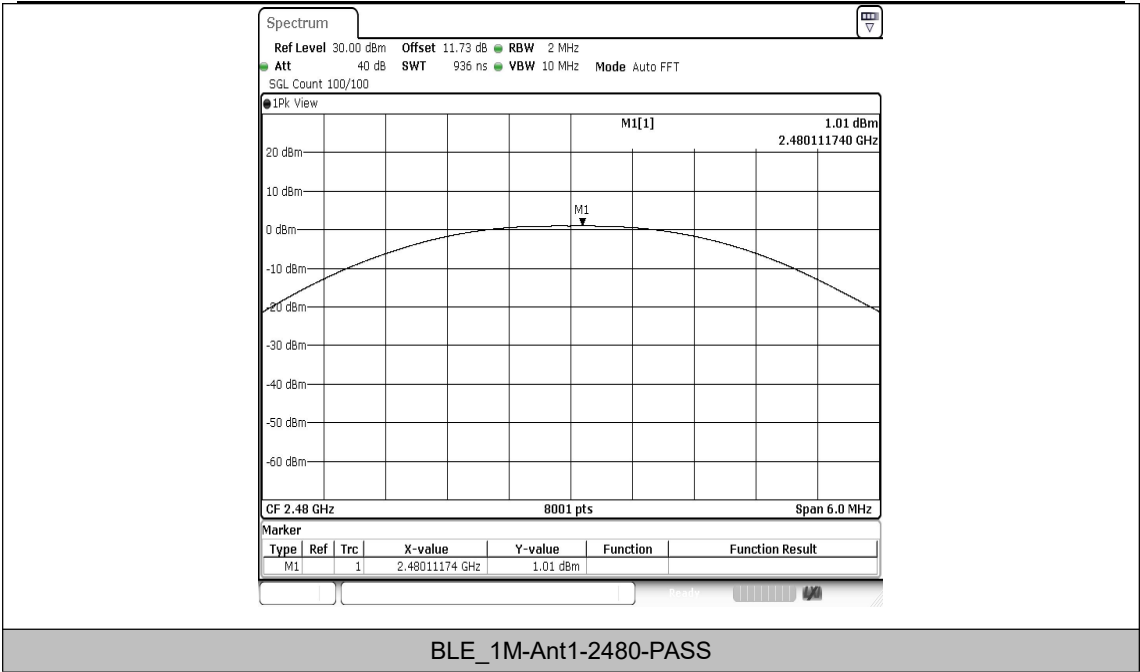
Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.39	≤30	PASS
BLE_1M	Ant1	2440	1.22	≤30	PASS
BLE_1M	Ant1	2480	1.01	≤30	PASS



Test Graphs Peak





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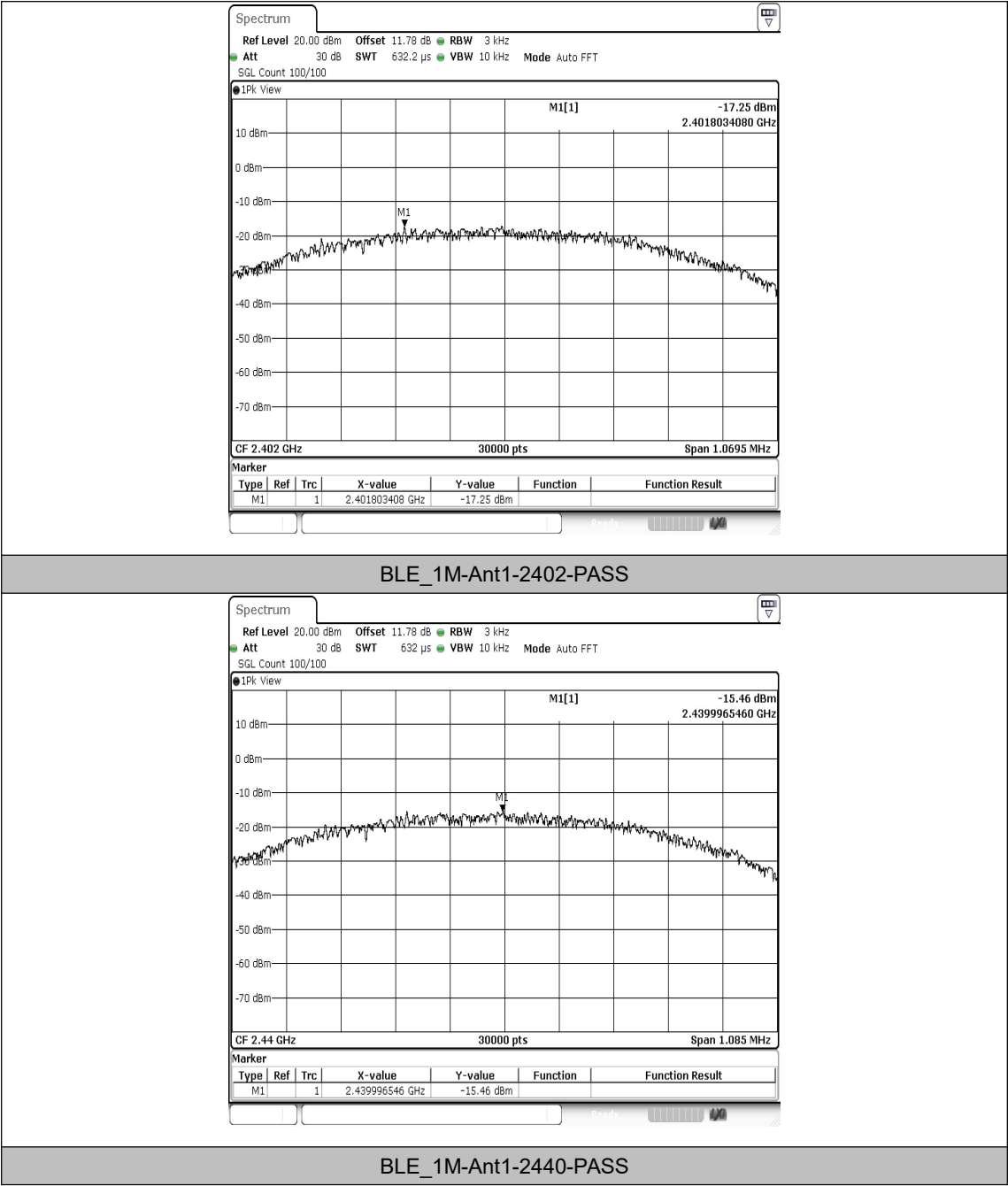
Appendix D: Maximum power spectral density

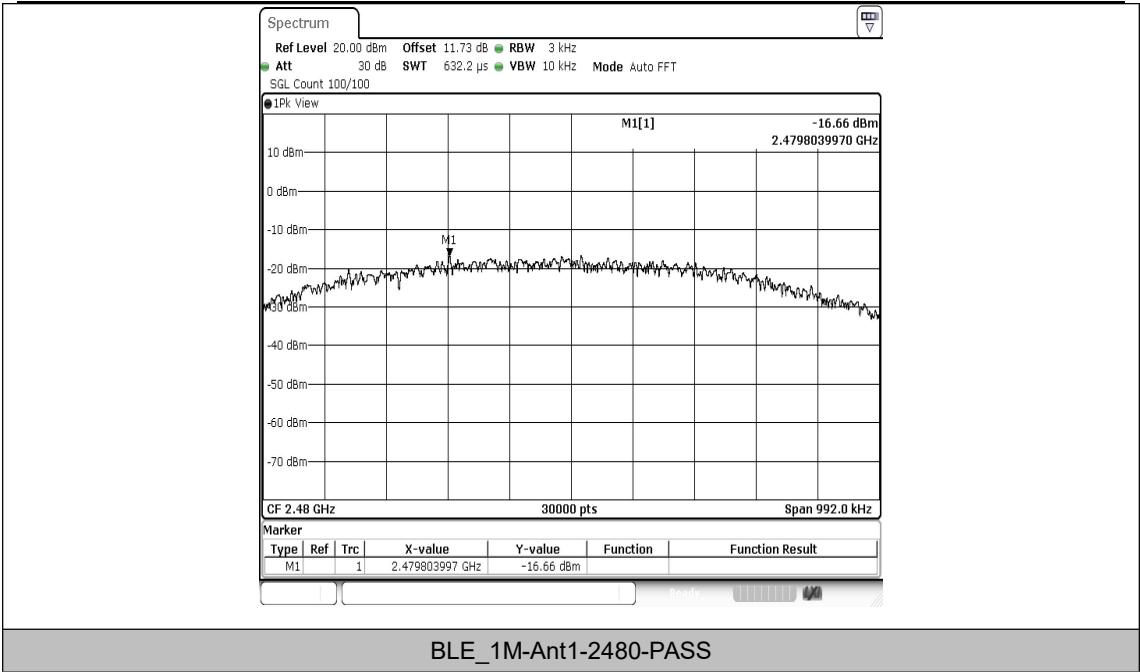
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.25	≤8.00	PASS
BLE_1M	Ant1	2440	-15.46	≤8.00	PASS
BLE_1M	Ant1	2480	-16.66	≤8.00	PASS



Test Graphs





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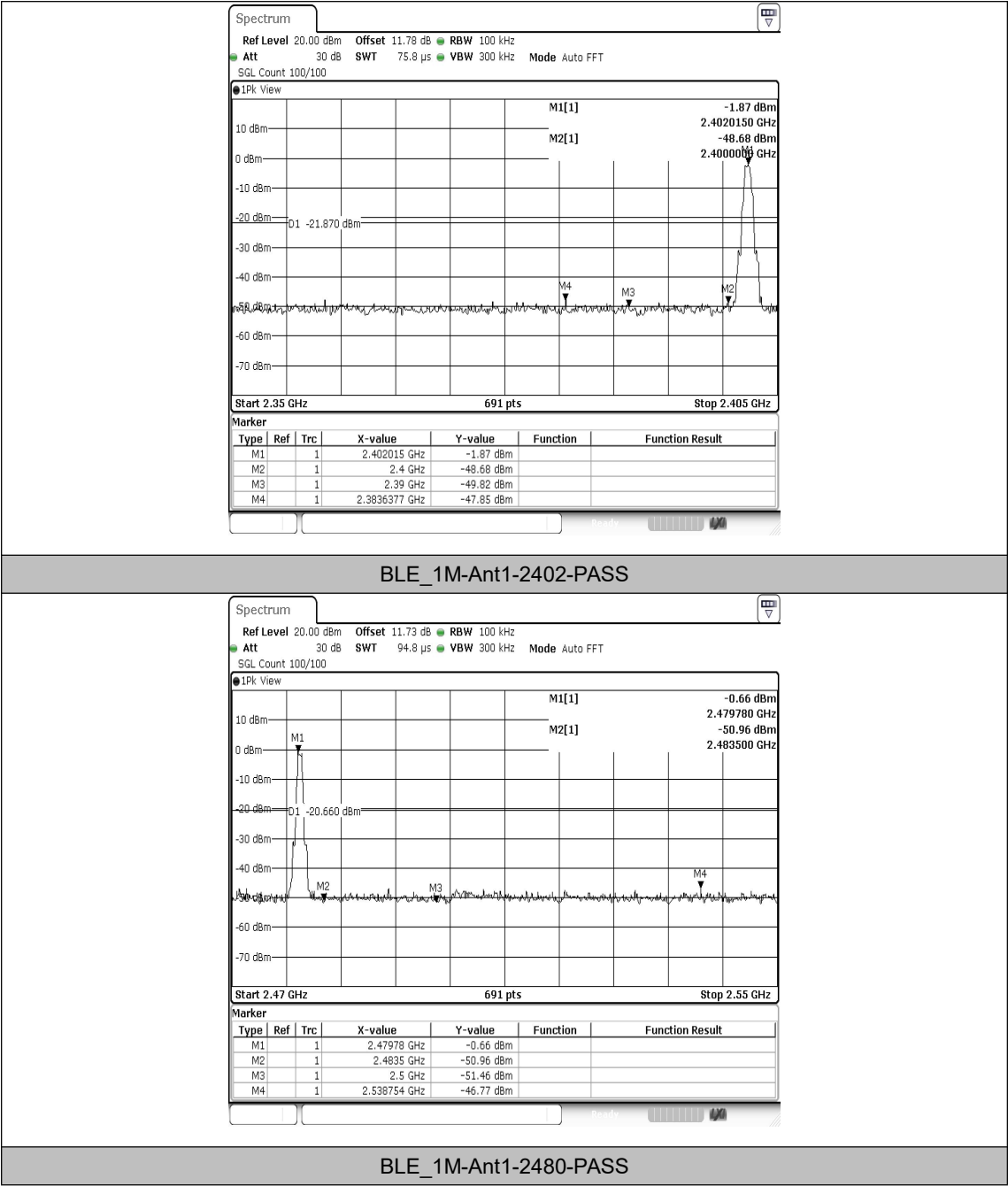
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.87	-47.85	≤-21.87	PASS
BLE_1M	Ant1	High	2480	-0.66	-46.77	≤-20.66	PASS



Test Graphs



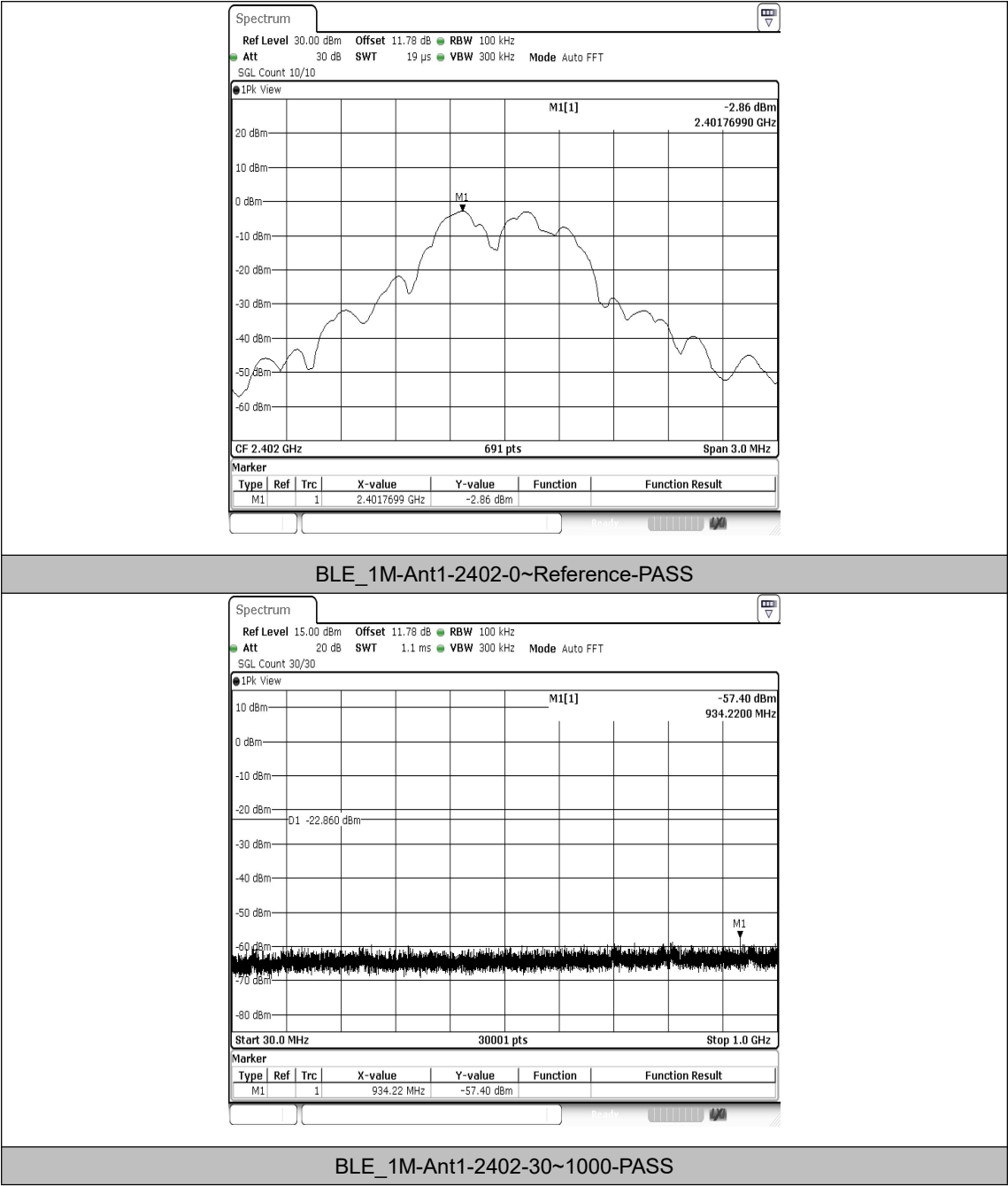
Appendix F: Conducted Spurious Emission

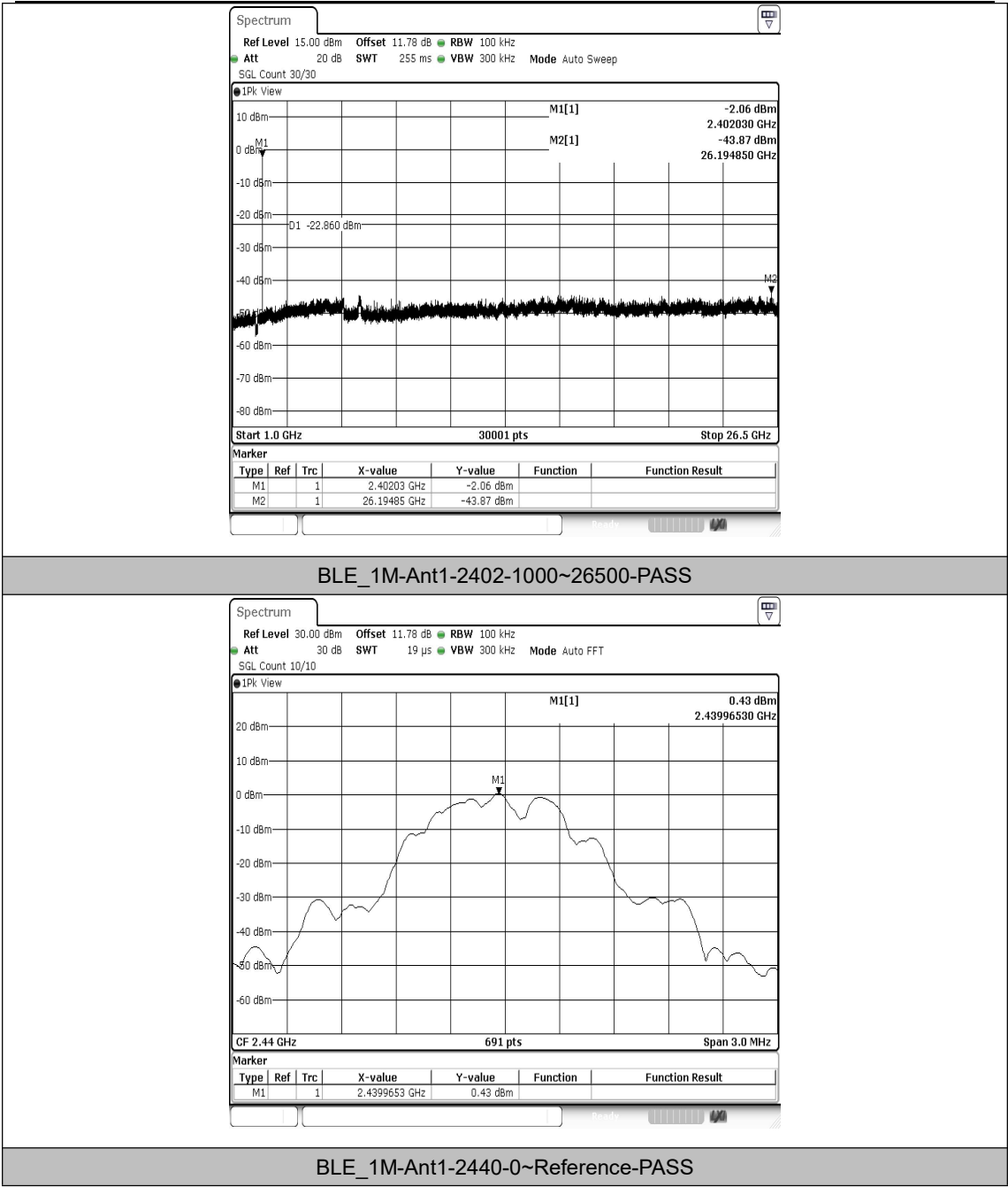
Test Result

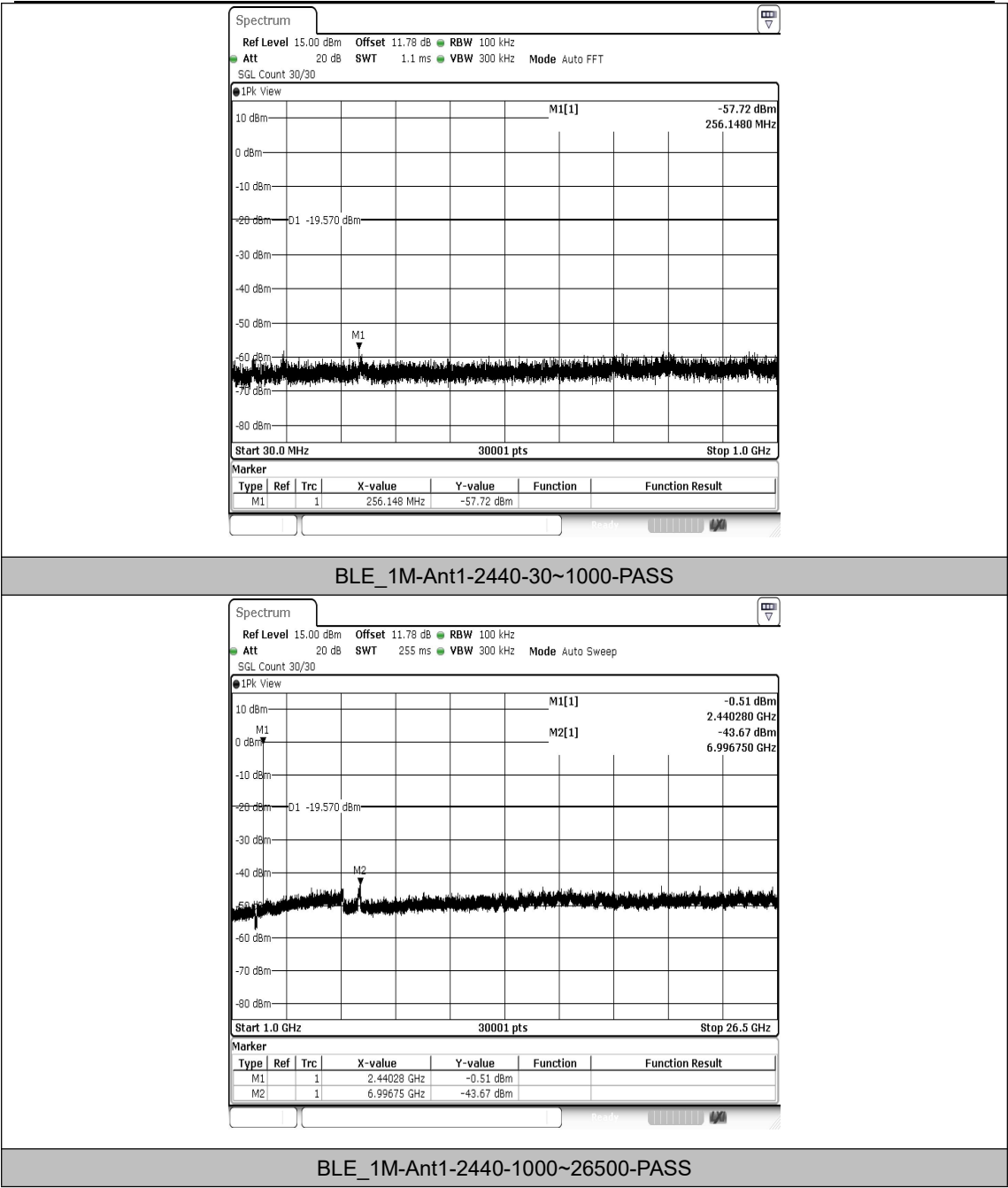
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.86	-2.86	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.86	-57.4	≤-22.86	PASS
BLE_1M	Ant1	2402	1000~26500	-2.86	-43.87	≤-22.86	PASS
BLE_1M	Ant1	2440	0~Reference	0.43	0.43	---	PASS
BLE_1M	Ant1	2440	30~1000	0.43	-57.72	≤-19.57	PASS
BLE_1M	Ant1	2440	1000~26500	0.43	-43.67	≤-19.57	PASS
BLE_1M	Ant1	2480	0~Reference	-1.55	-1.55	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.55	-58.31	≤-21.55	PASS
BLE_1M	Ant1	2480	1000~26500	-1.55	-43.74	≤-21.55	PASS

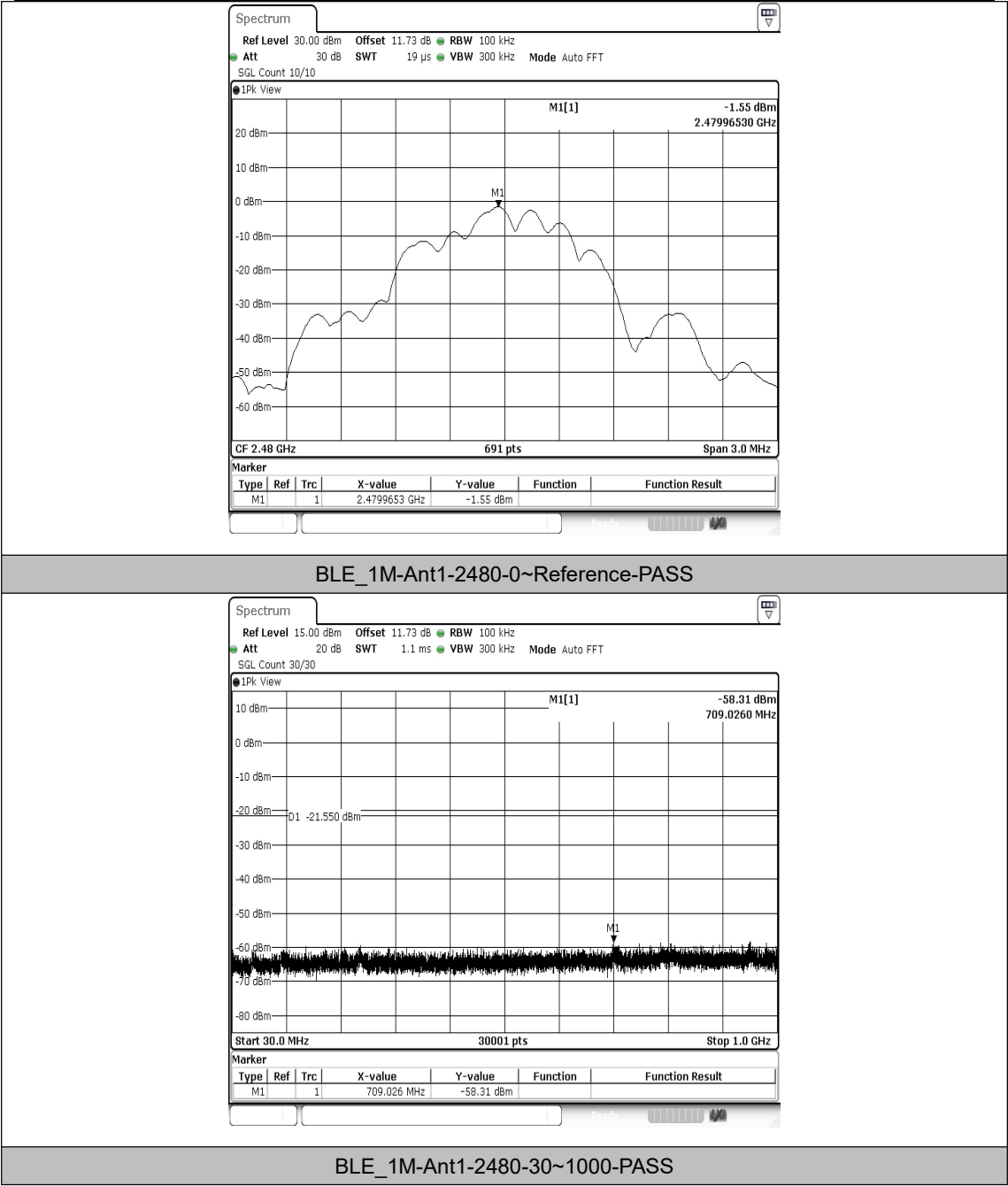


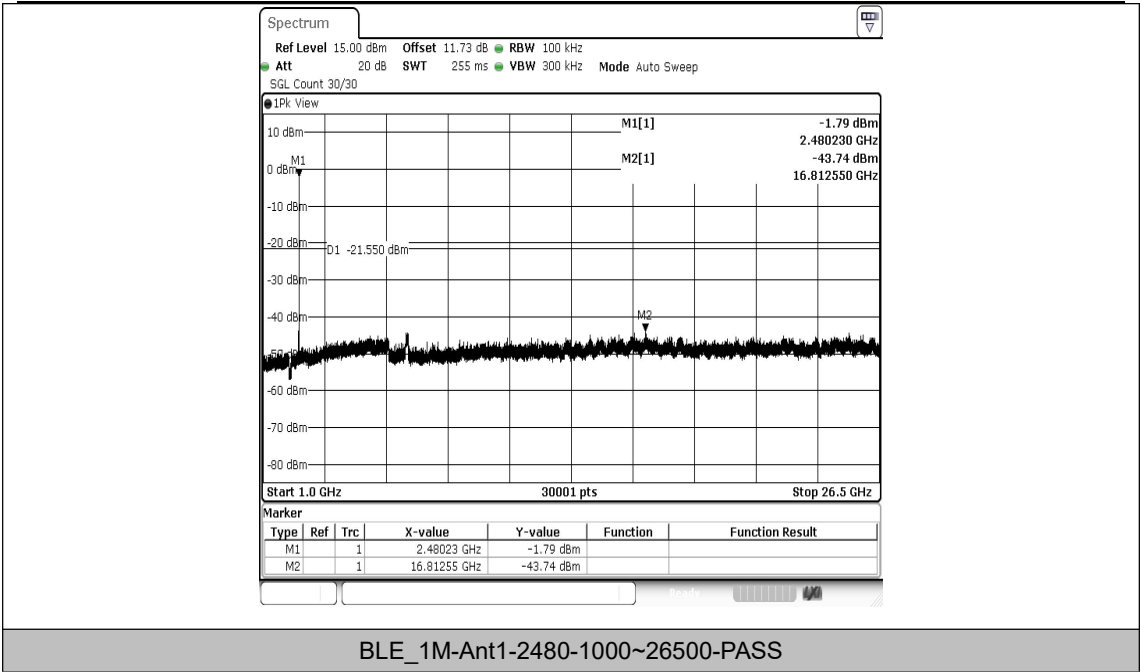
Test Graphs











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