

Appendix Test Data

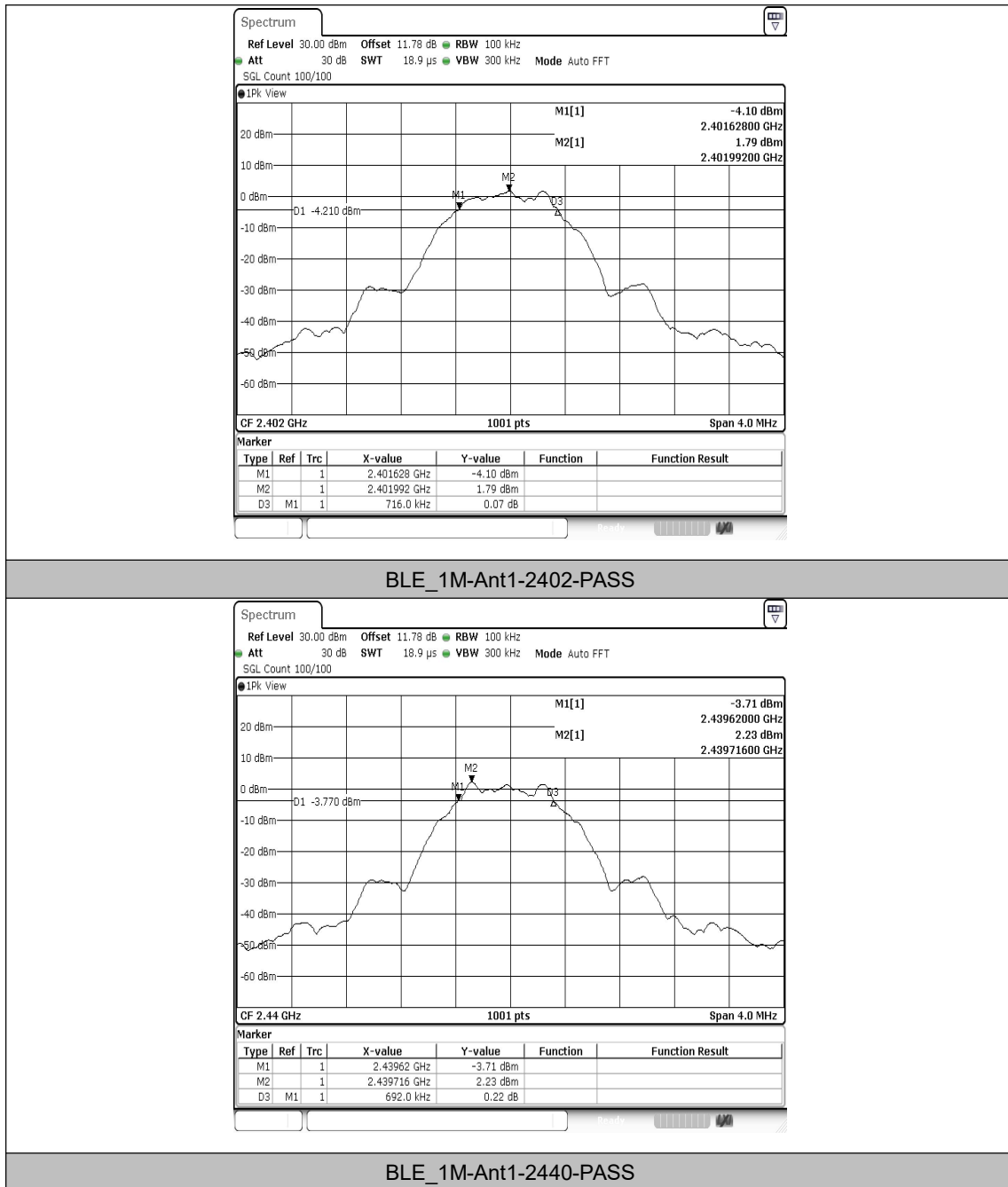
Report No.:	1812C40183012502	Test Sample No.:	1-2-2
Start Test Date:	2024.12.18	Finish Test Date:	2024.12.30
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.9℃	Relative Humidity:	53%
Pressure:	101kPa		

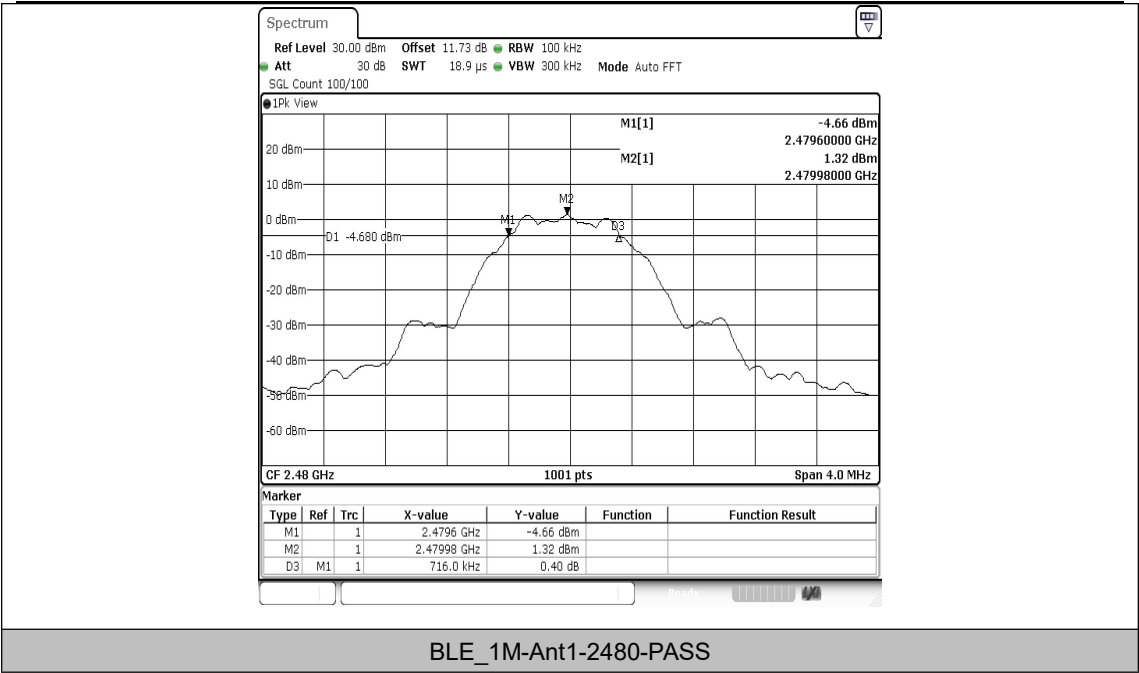
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.72	2401.63	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.69	2439.62	2440.31	0.5	PASS
BLE_1M	Ant1	2480	0.72	2479.60	2480.32	0.5	PASS

Test Graphs





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Appendix B: 99% Occupied Bandwidth

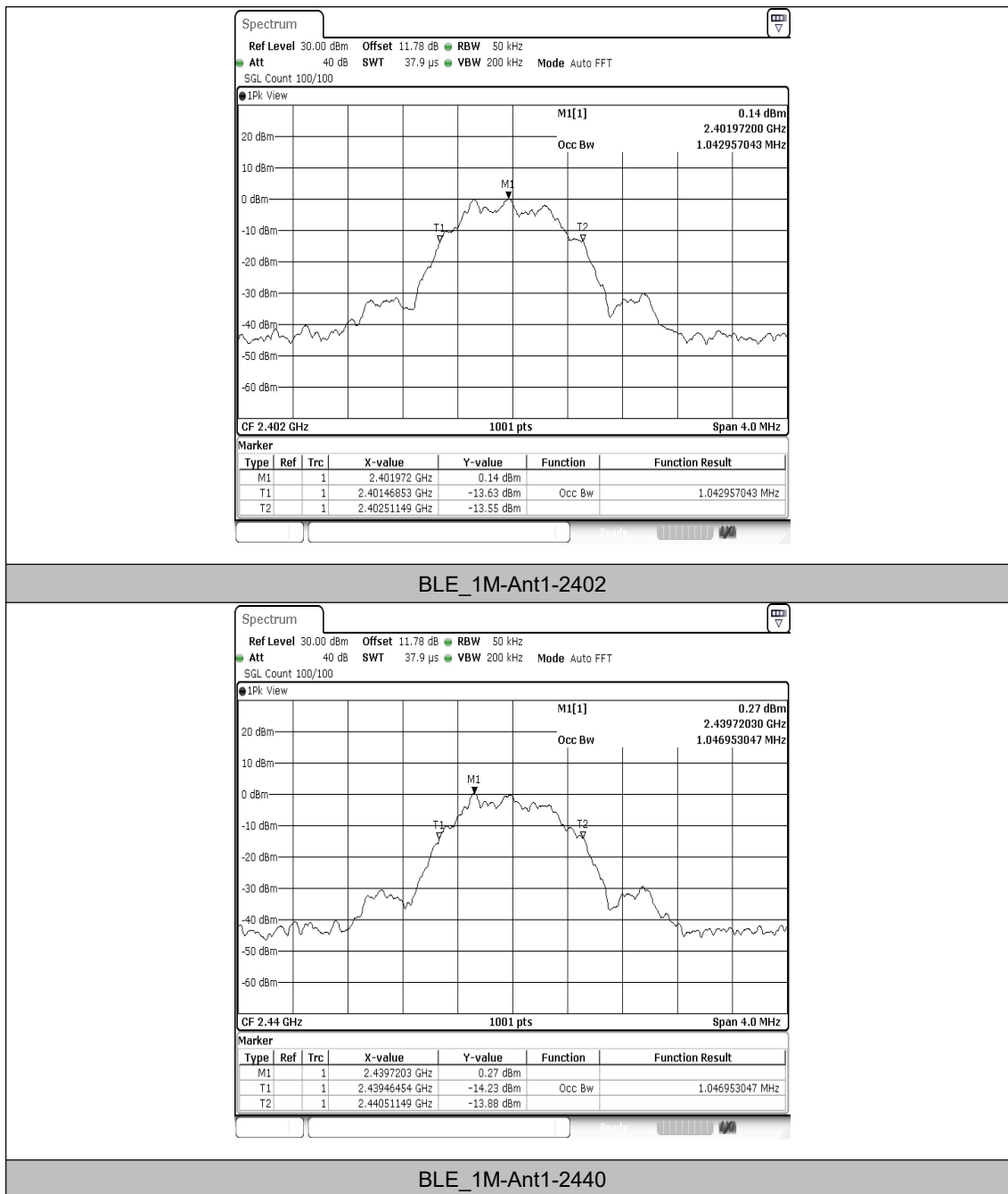
Test Result

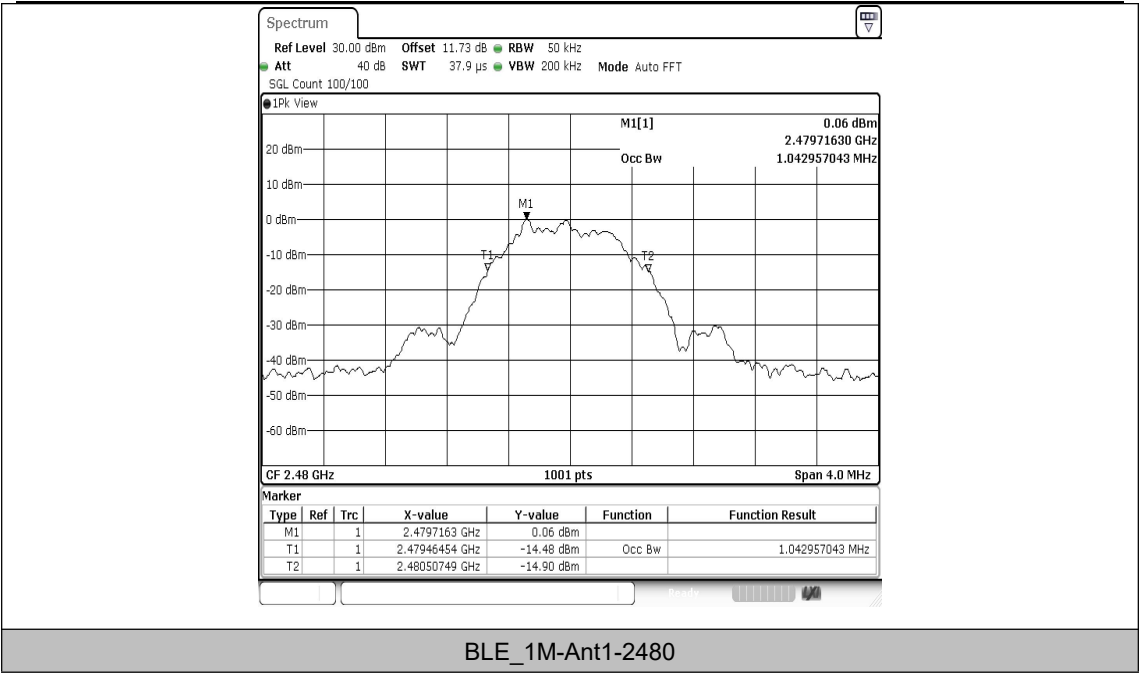
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.043	2401.4685	2402.5115	---	---
BLE_1M	Ant1	2440	1.047	2439.4645	2440.5115	---	---
BLE_1M	Ant1	2480	1.043	2479.4645	2480.5075	---	---

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Test Graphs





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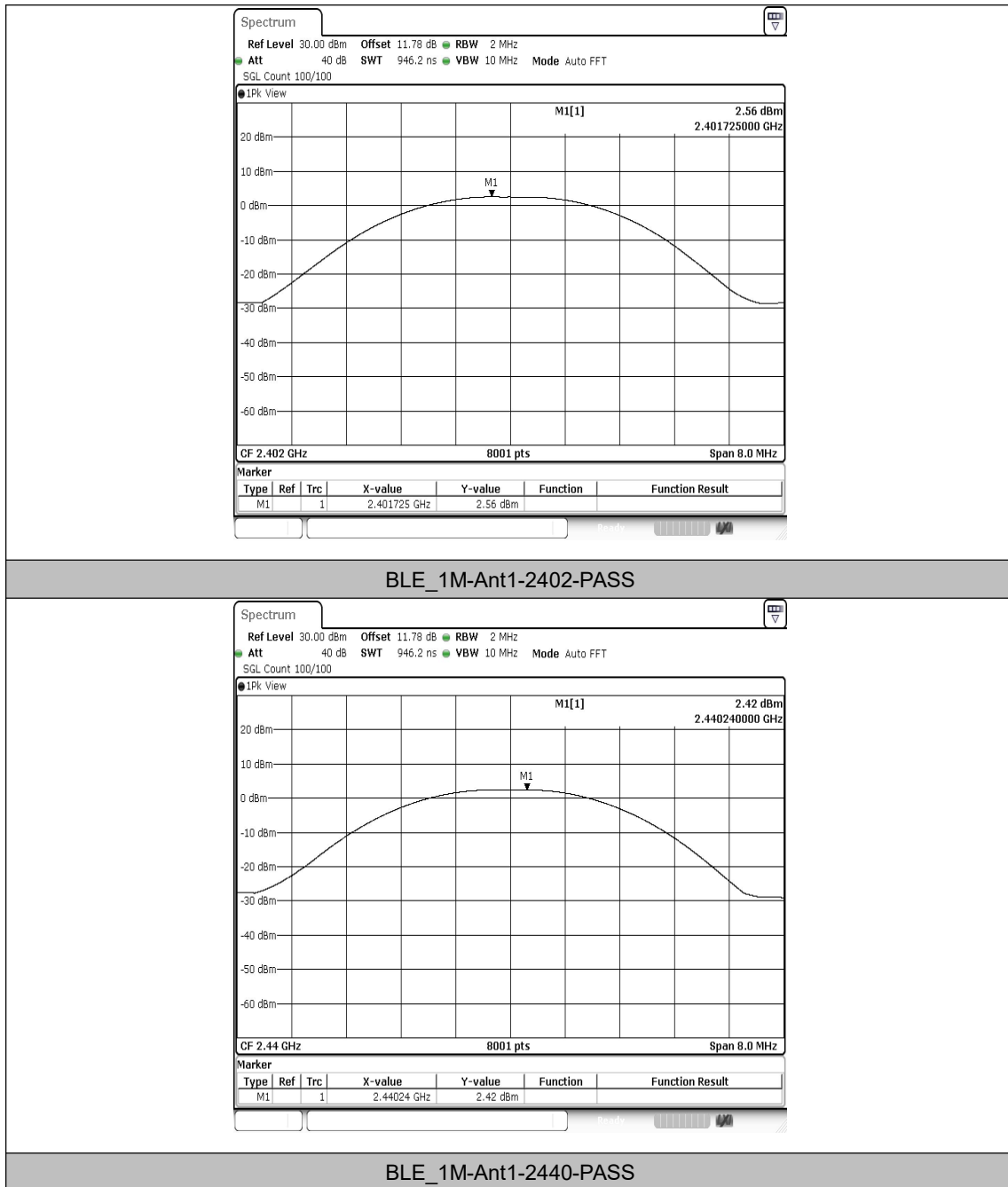
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.56	≤30	PASS
BLE_1M	Ant1	2440	2.42	≤30	PASS
BLE_1M	Ant1	2480	2.17	≤30	PASS



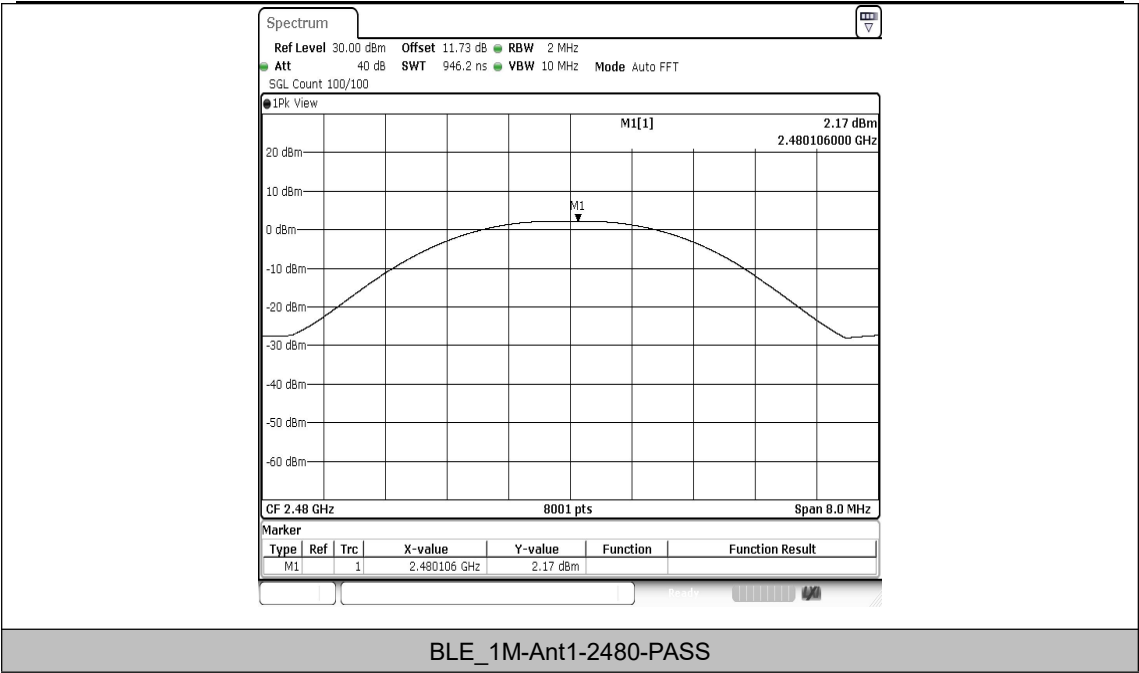
Test Graphs Peak



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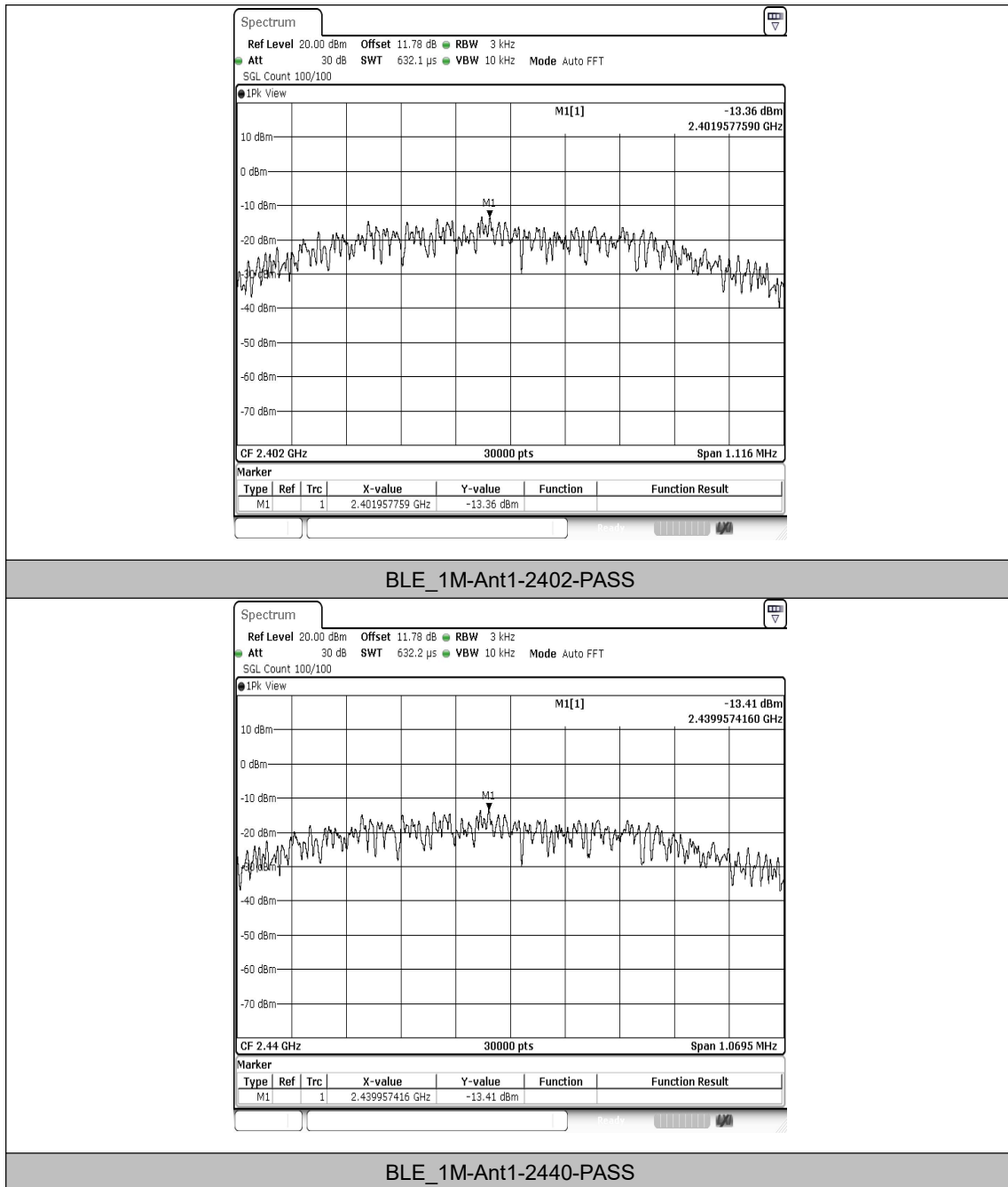
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.36	≤8.00	PASS
BLE_1M	Ant1	2440	-13.41	≤8.00	PASS
BLE_1M	Ant1	2480	-13.74	≤8.00	PASS

Test Graphs



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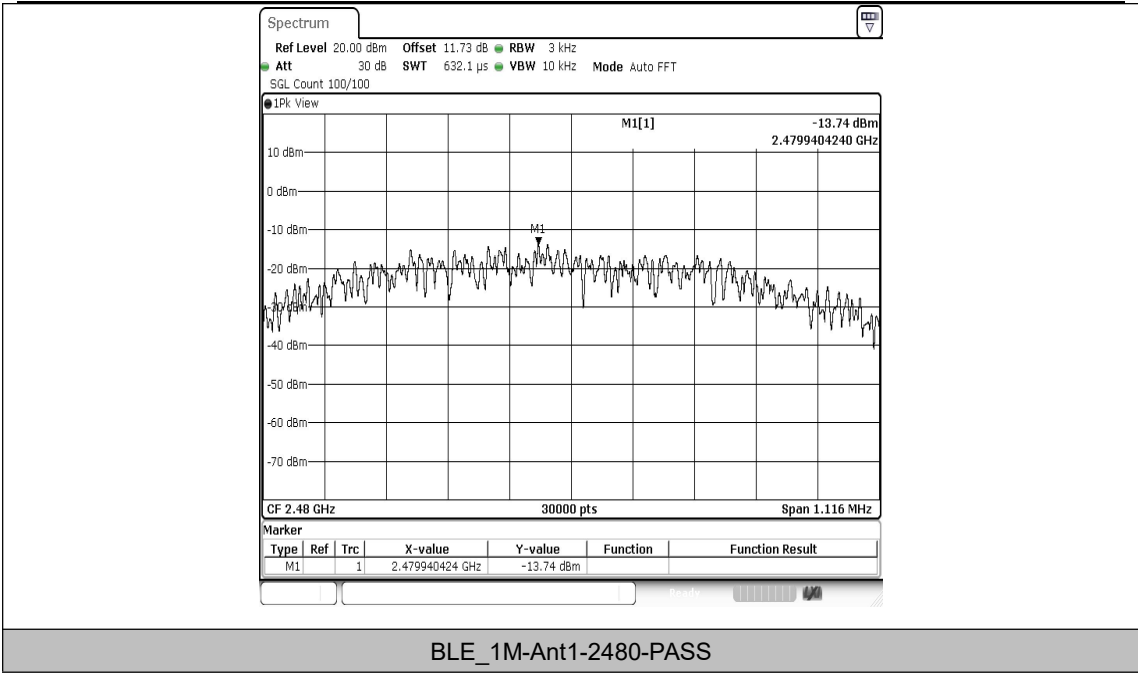
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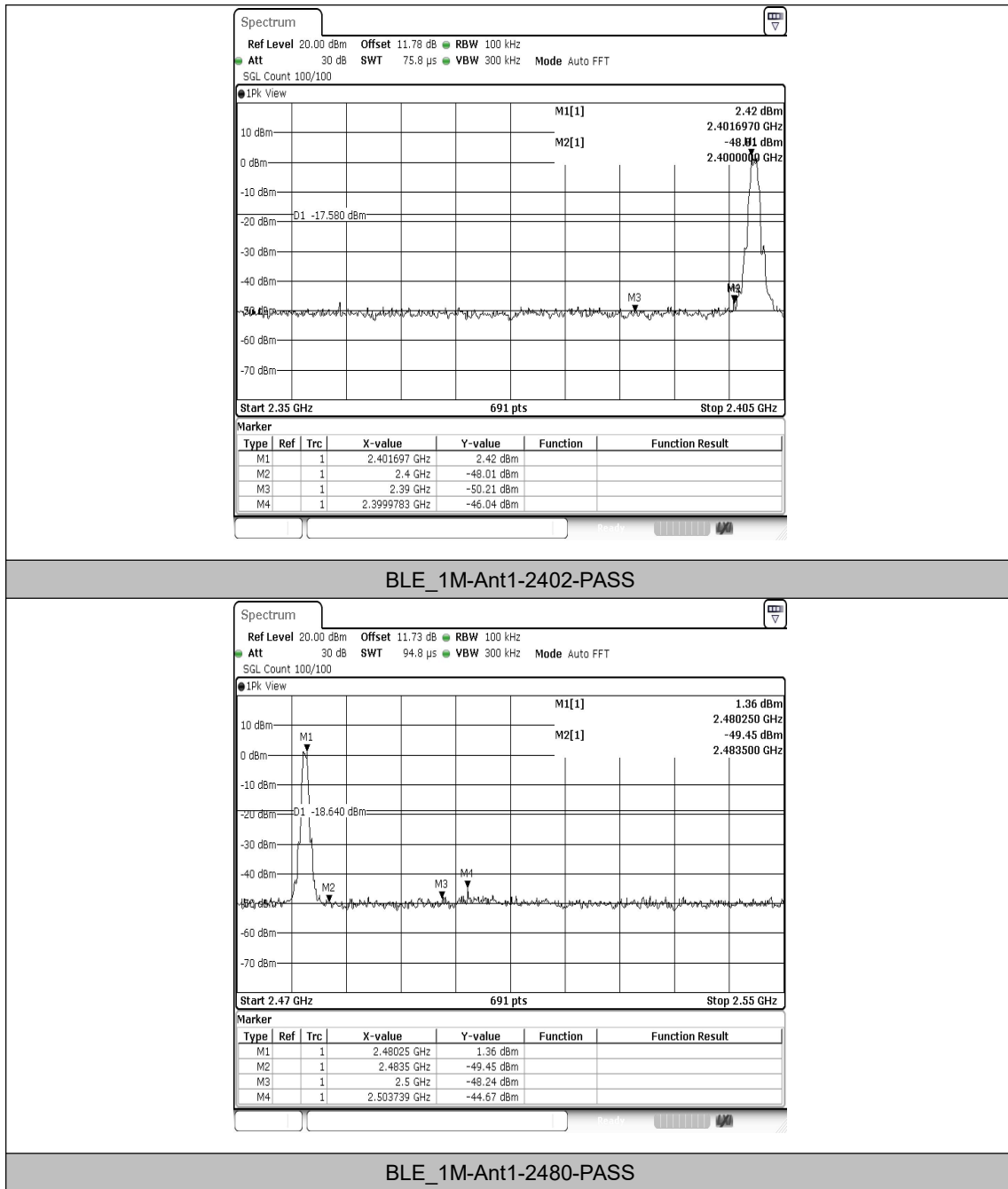
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.42	-46.04	≤-17.58	PASS
BLE_1M	Ant1	High	2480	1.36	-44.67	≤-18.64	PASS



Test Graphs



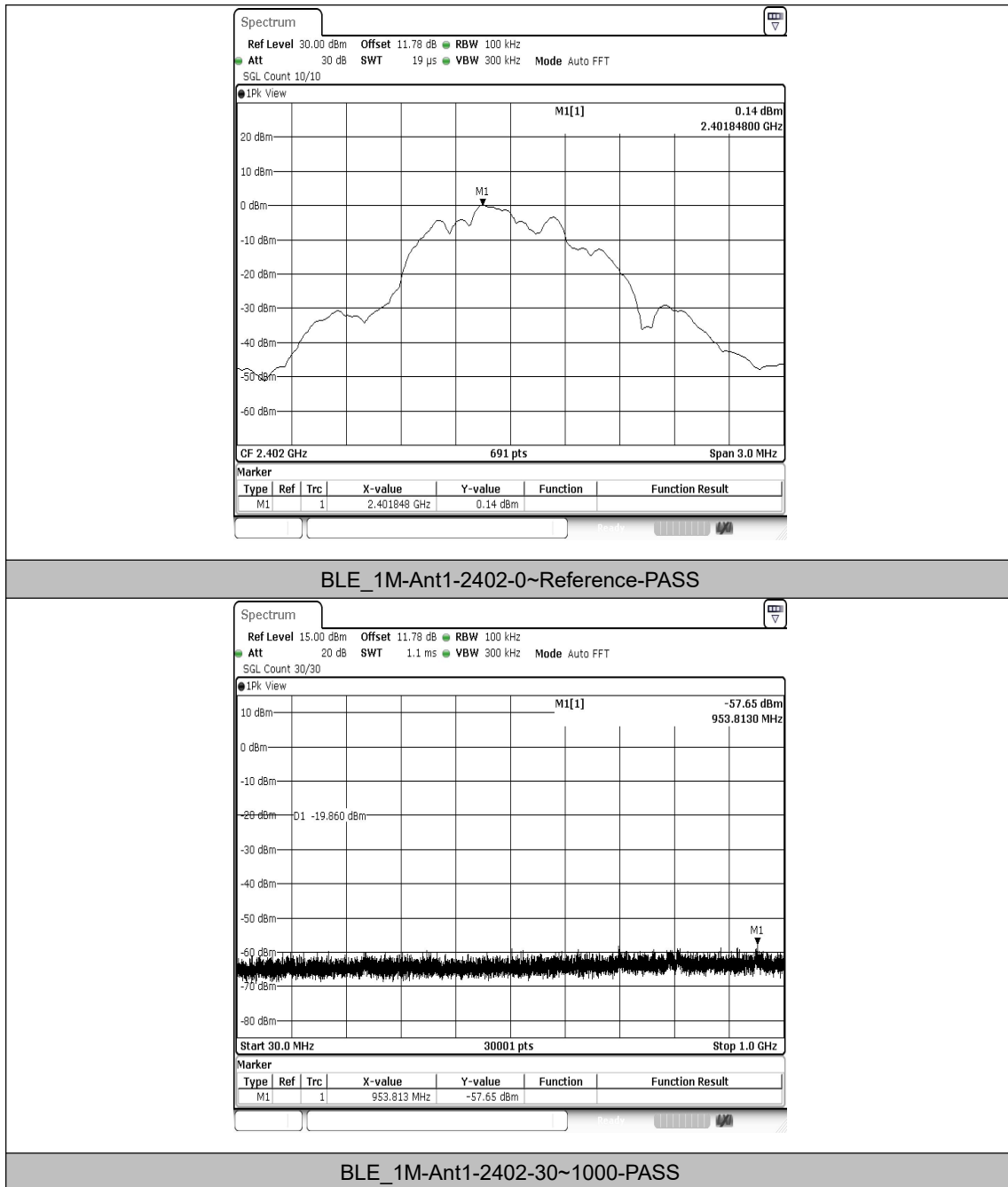
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.14	0.14	---	PASS
BLE_1M	Ant1	2402	30~1000	0.14	-57.65	≤-19.86	PASS
BLE_1M	Ant1	2402	1000~26500	0.14	-44.15	≤-19.86	PASS
BLE_1M	Ant1	2440	0~Reference	1.45	1.45	---	PASS
BLE_1M	Ant1	2440	30~1000	1.45	-54.85	≤-18.55	PASS
BLE_1M	Ant1	2440	1000~26500	1.45	-43.4	≤-18.55	PASS
BLE_1M	Ant1	2480	0~Reference	0.33	0.33	---	PASS
BLE_1M	Ant1	2480	30~1000	0.33	-57.16	≤-19.67	PASS
BLE_1M	Ant1	2480	1000~26500	0.33	-44.43	≤-19.67	PASS



Test Graphs

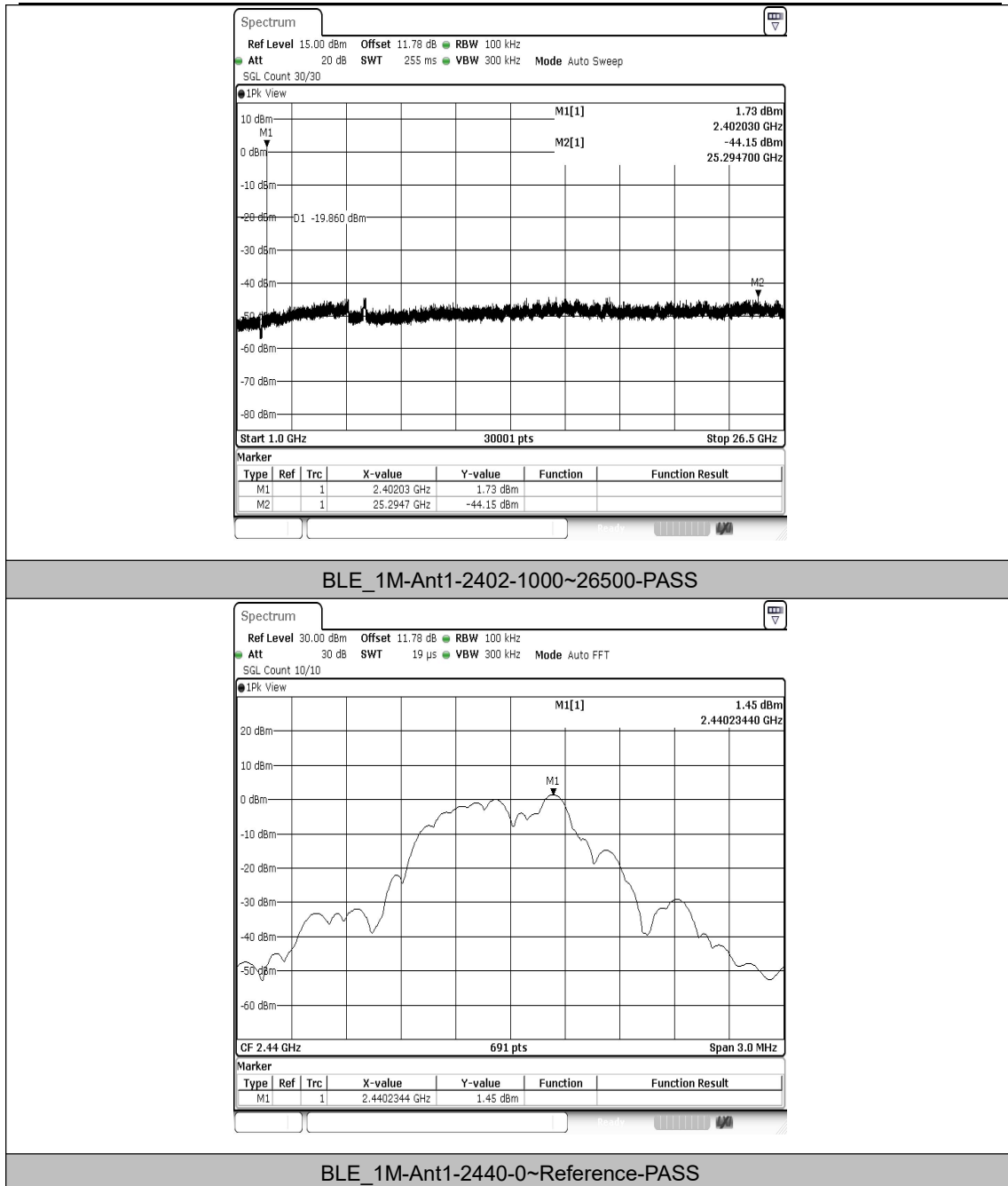


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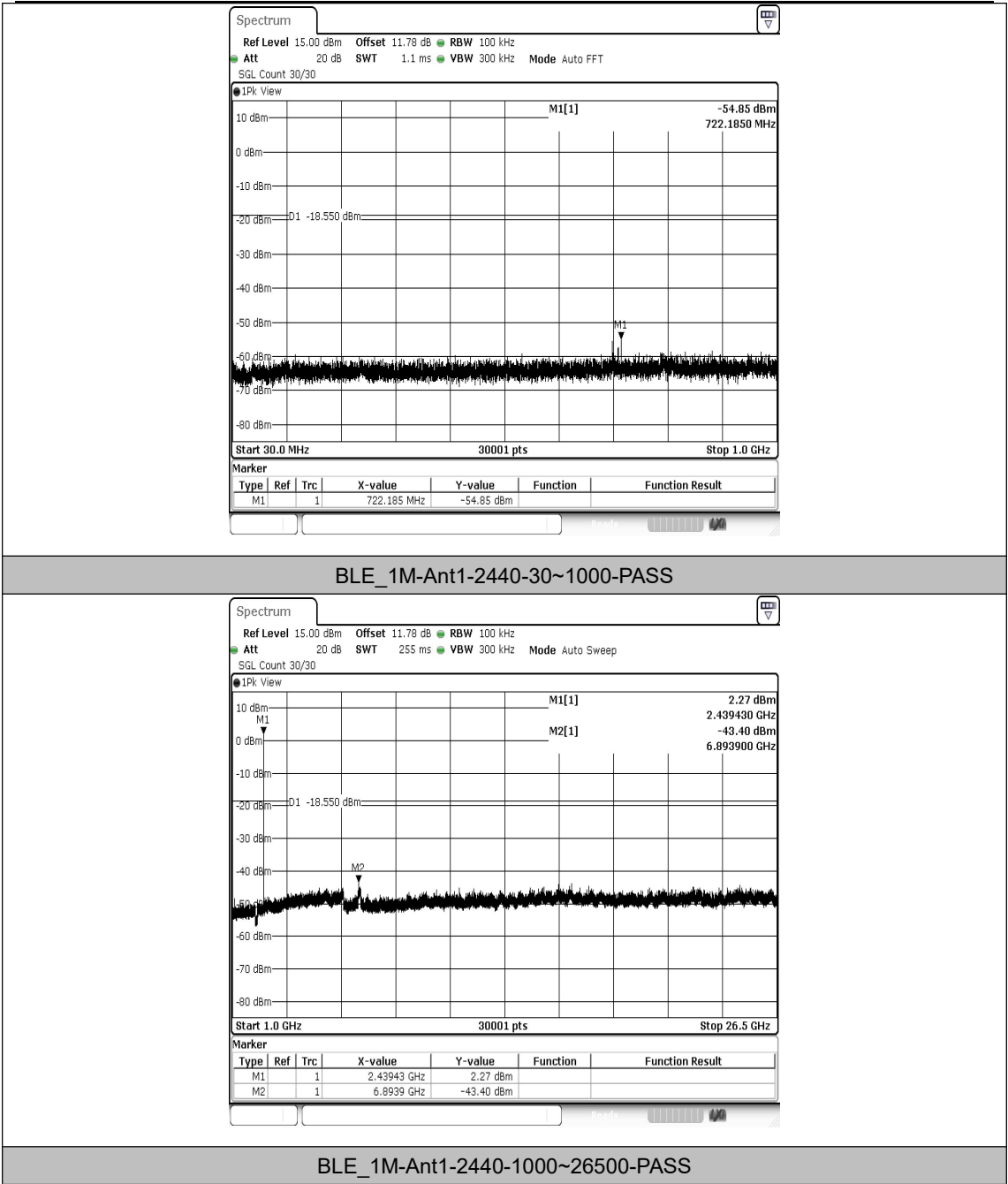
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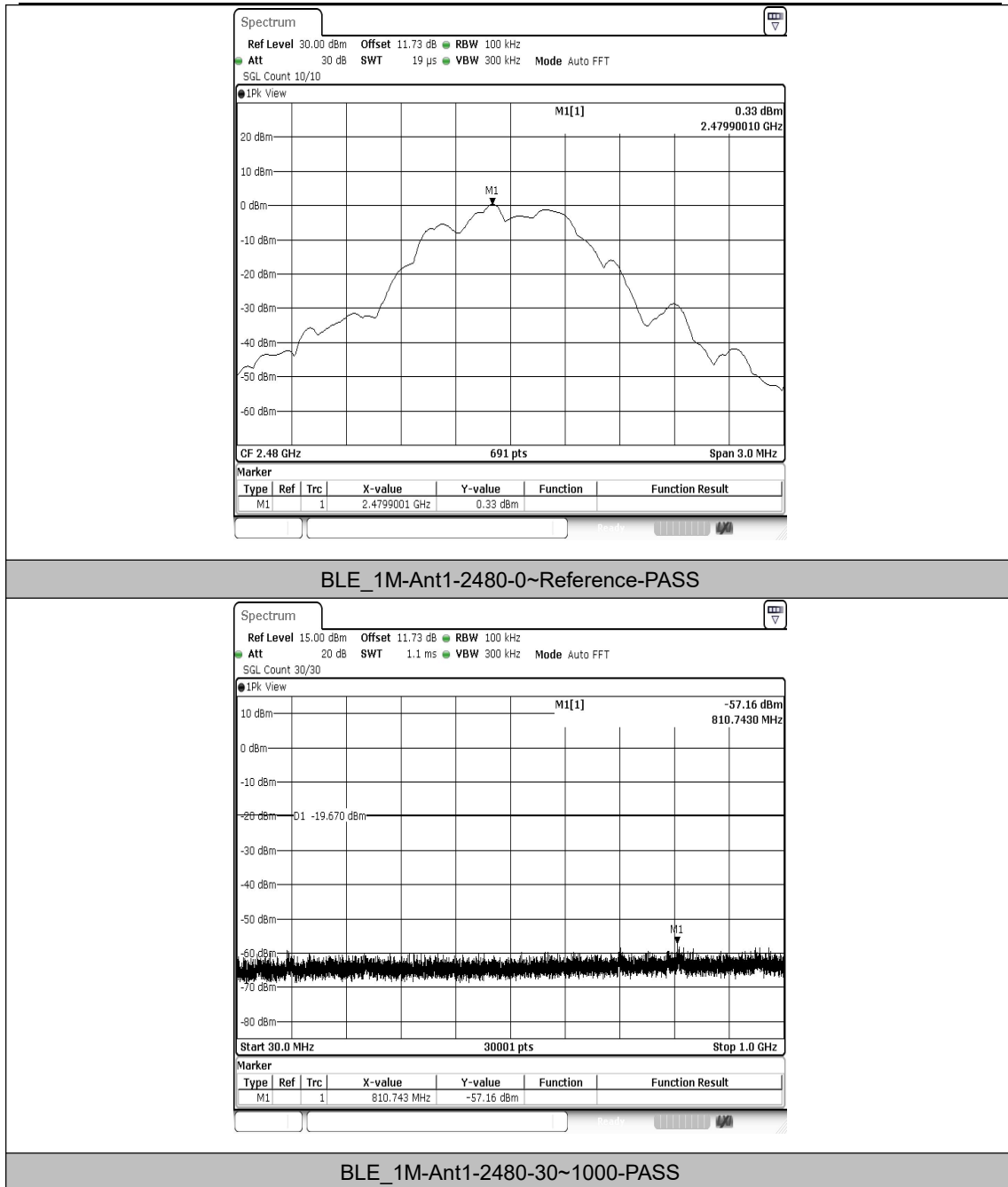
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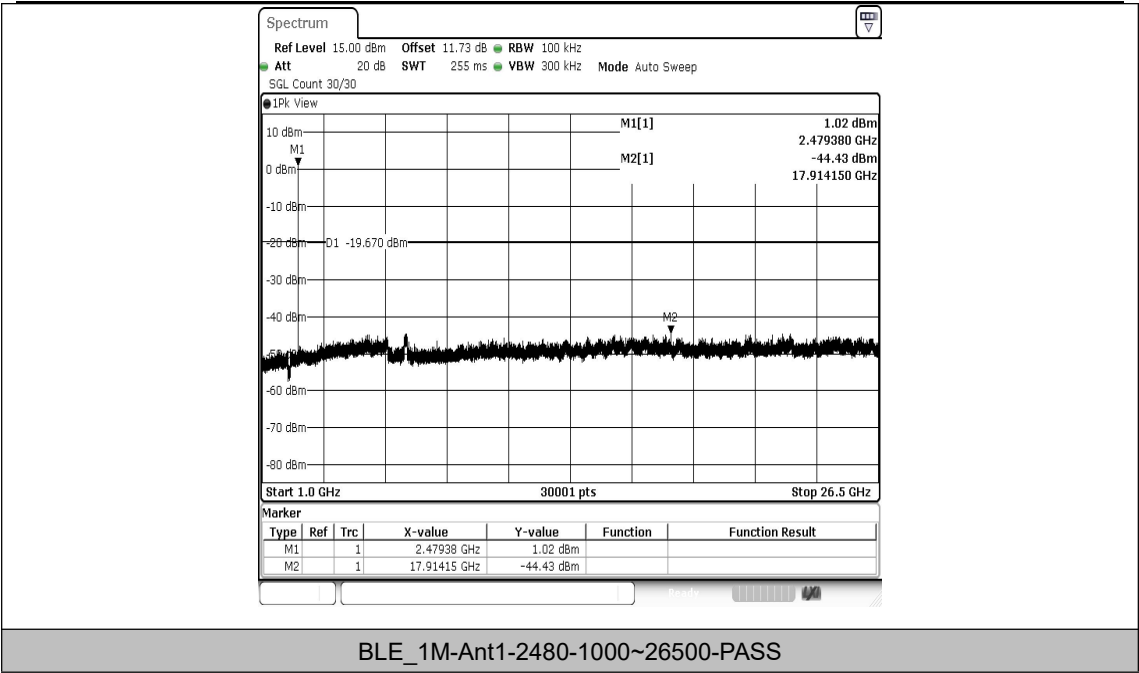




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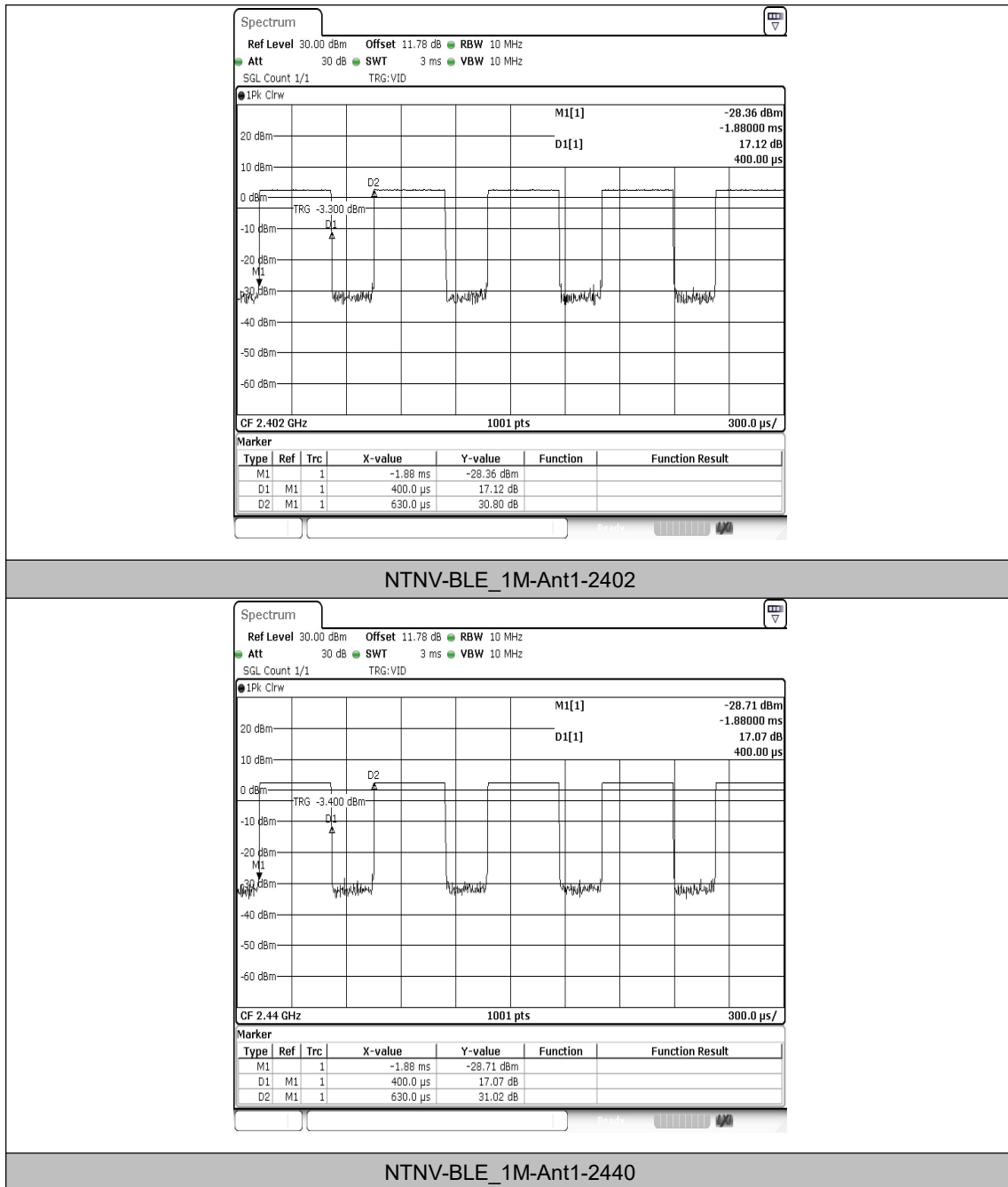
Appendix G: Duty Cycle

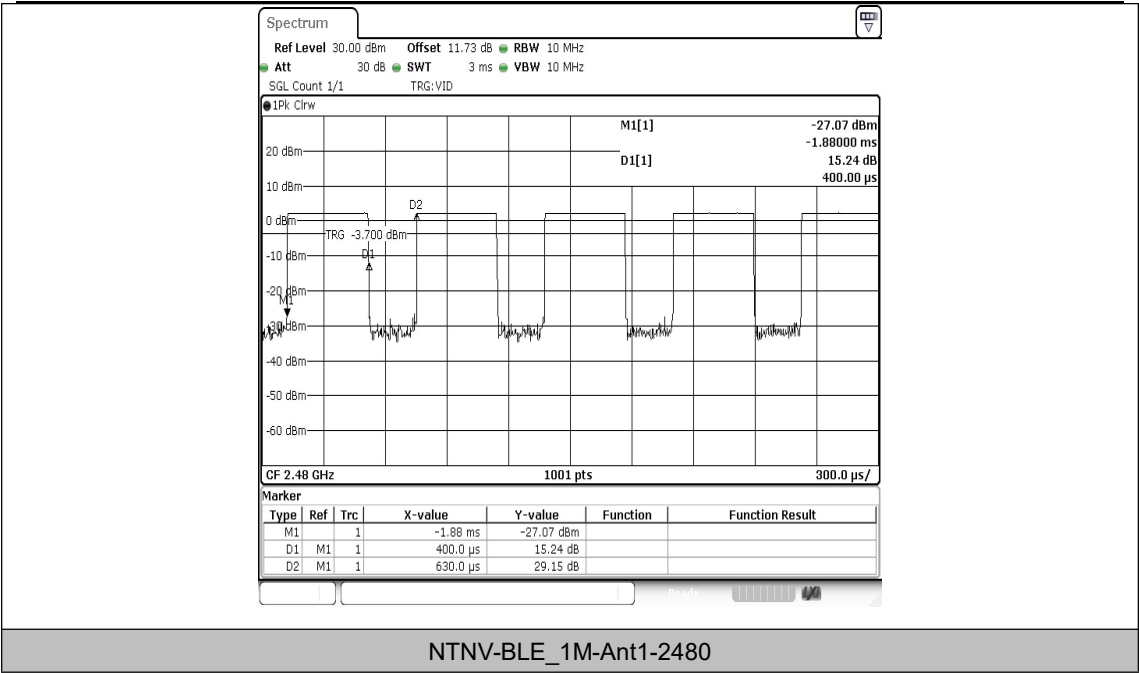
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.63	63.49	1.97
BLE_1M	Ant1	2440	0.40	0.63	63.49	1.97
BLE_1M	Ant1	2480	0.40	0.63	63.49	1.97



Test Graphs





---End---