

Appendix Test Data

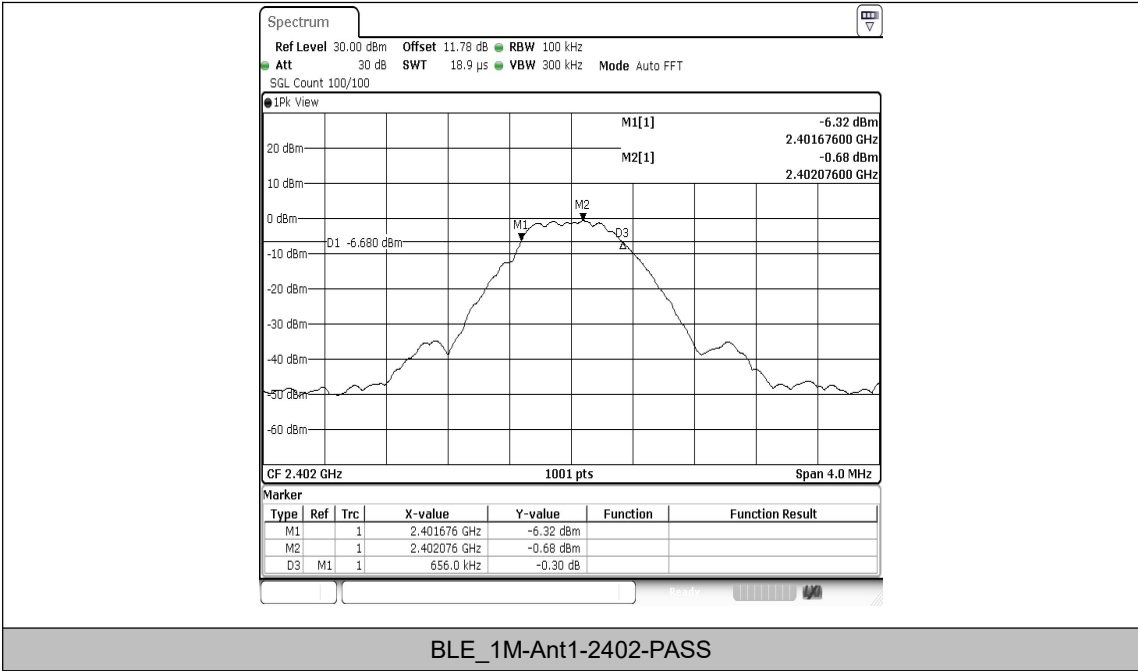
Report No:	1814C40075612501	Test Sample NO:	1-2-2
Start Test Date:	2024.10.8	Finish Test Date:	2024.10.8
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.5°C	Relative Humidity:	53%
Pressure:	101 kPa		

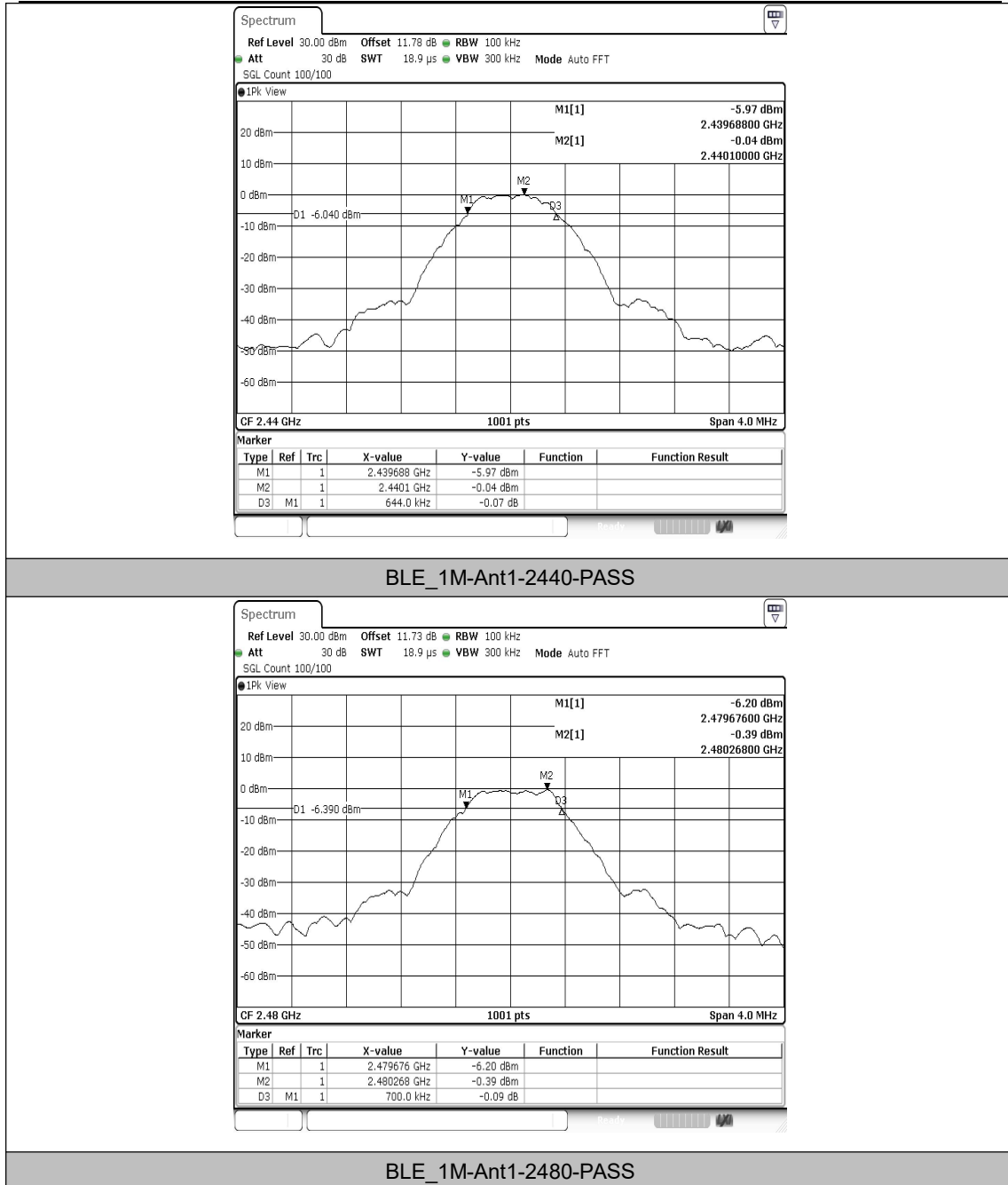
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.68	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.69	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.70	2479.68	2480.38	0.5	PASS

Test Graphs



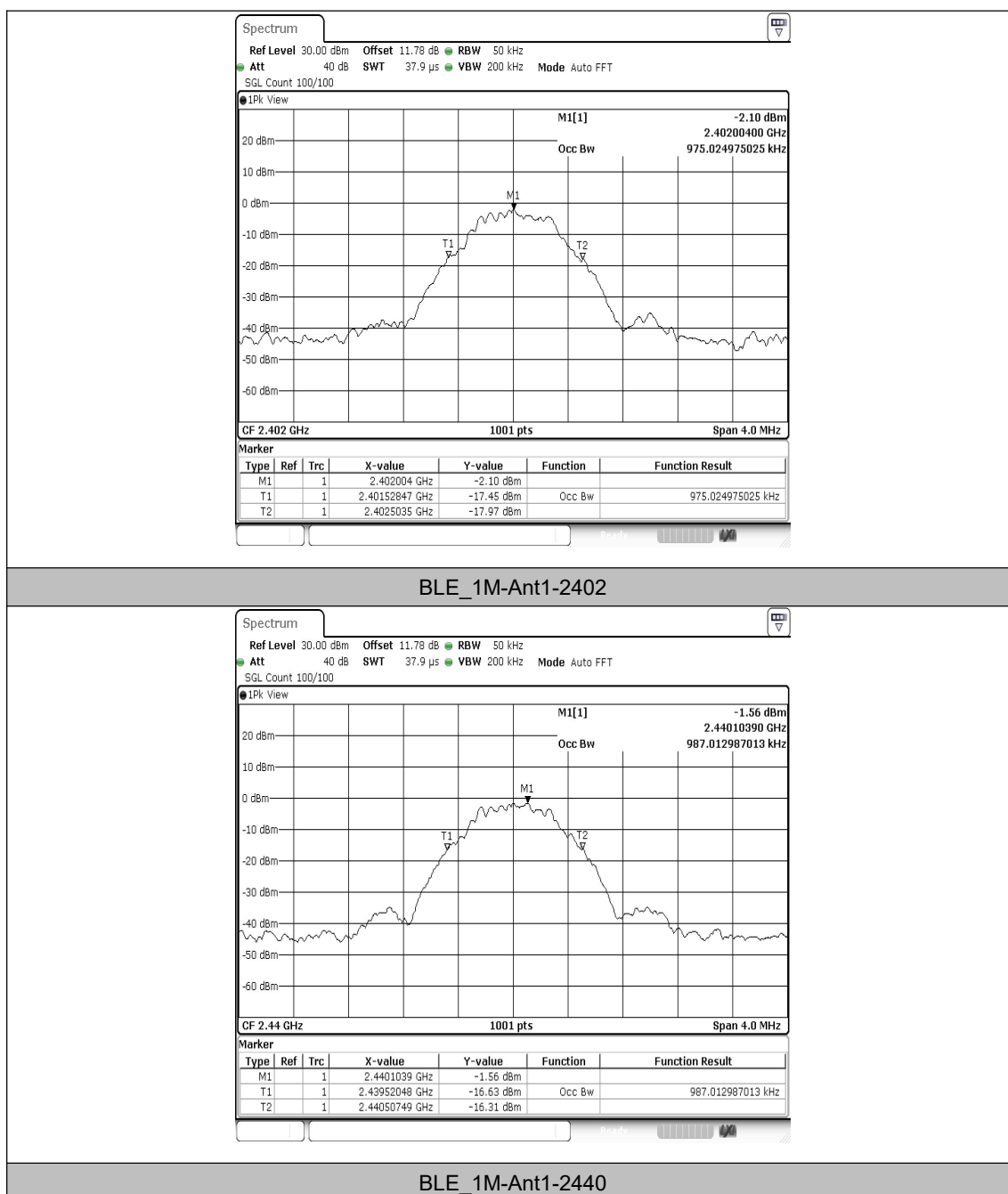


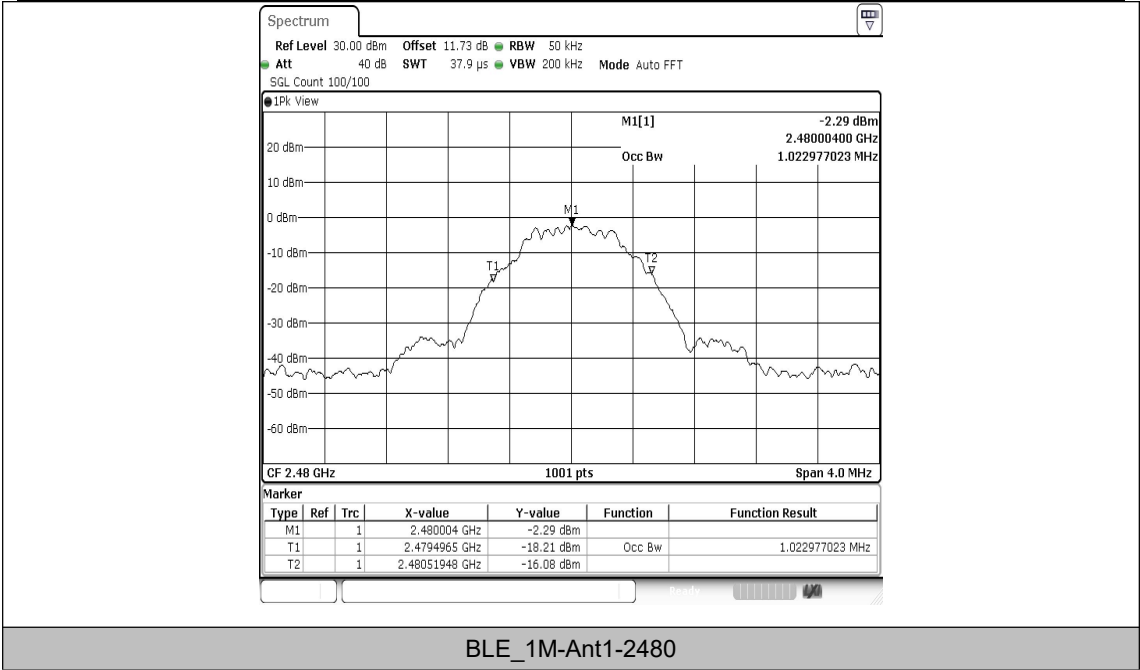
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.975	2401.5285	2402.5035	---	---
BLE_1M	Ant1	2440	0.987	2439.5205	2440.5075	---	---
BLE_1M	Ant1	2480	1.023	2479.4965	2480.5195	---	---

Test Graphs





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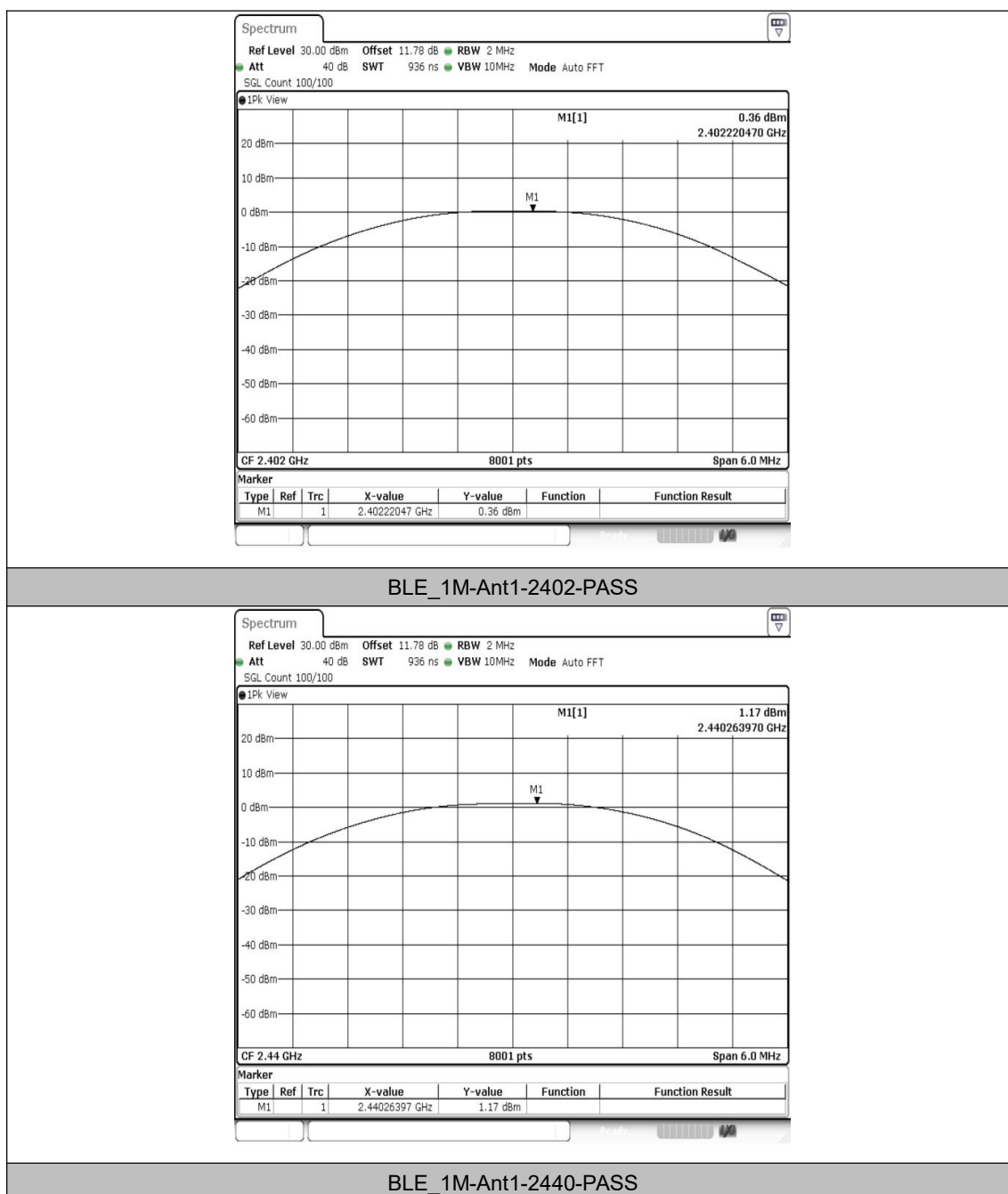


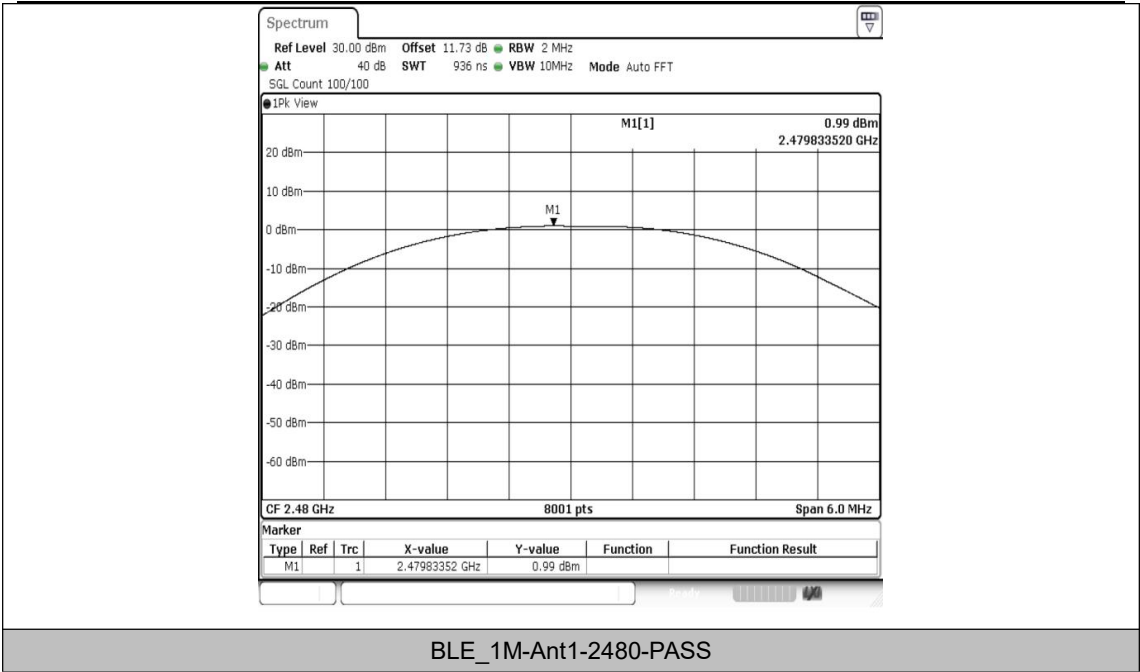
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.36	≤30	PASS
BLE_1M	Ant1	2440	1.17	≤30	PASS
BLE_1M	Ant1	2480	0.99	≤30	PASS

Test Graphs Peak





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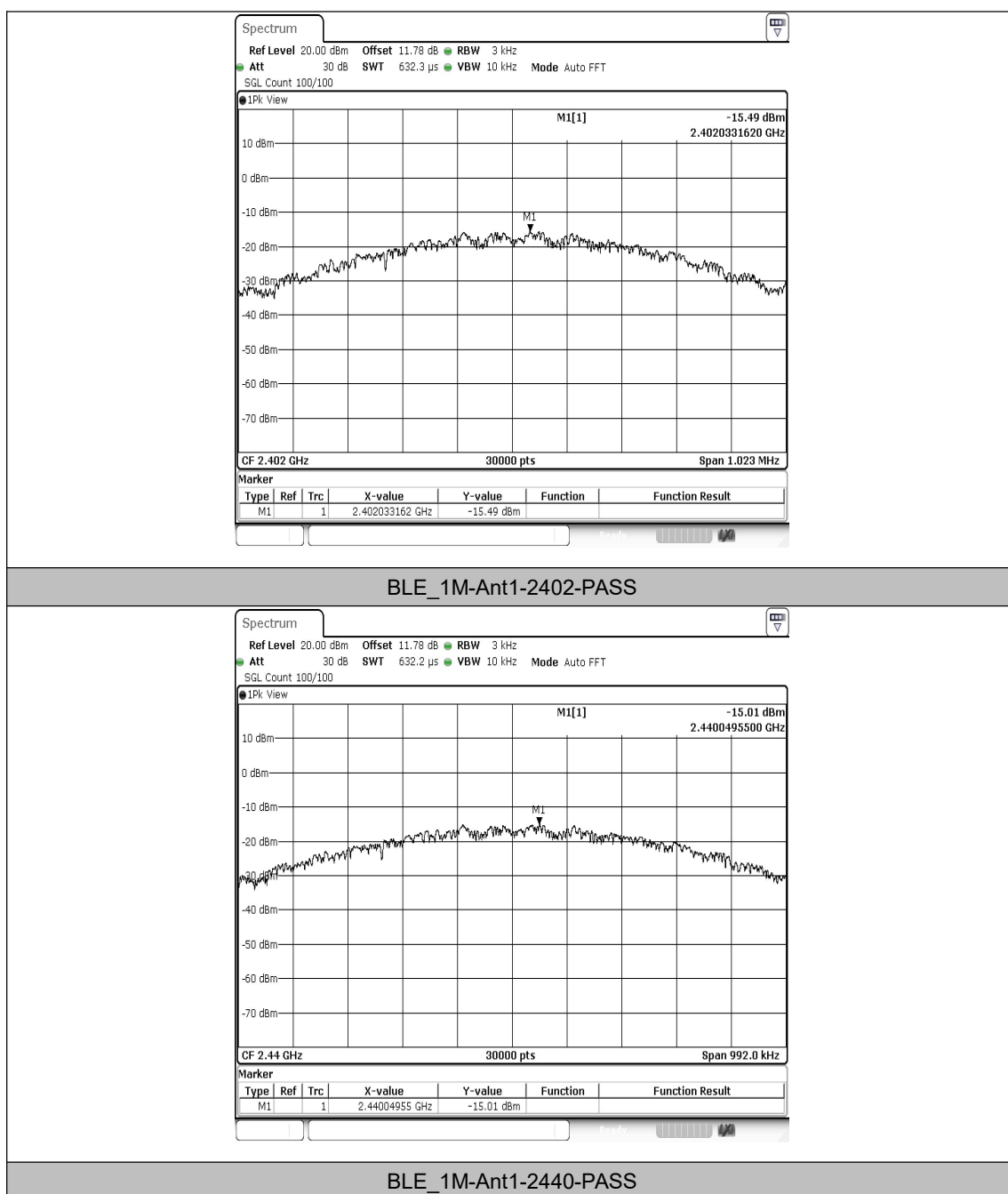


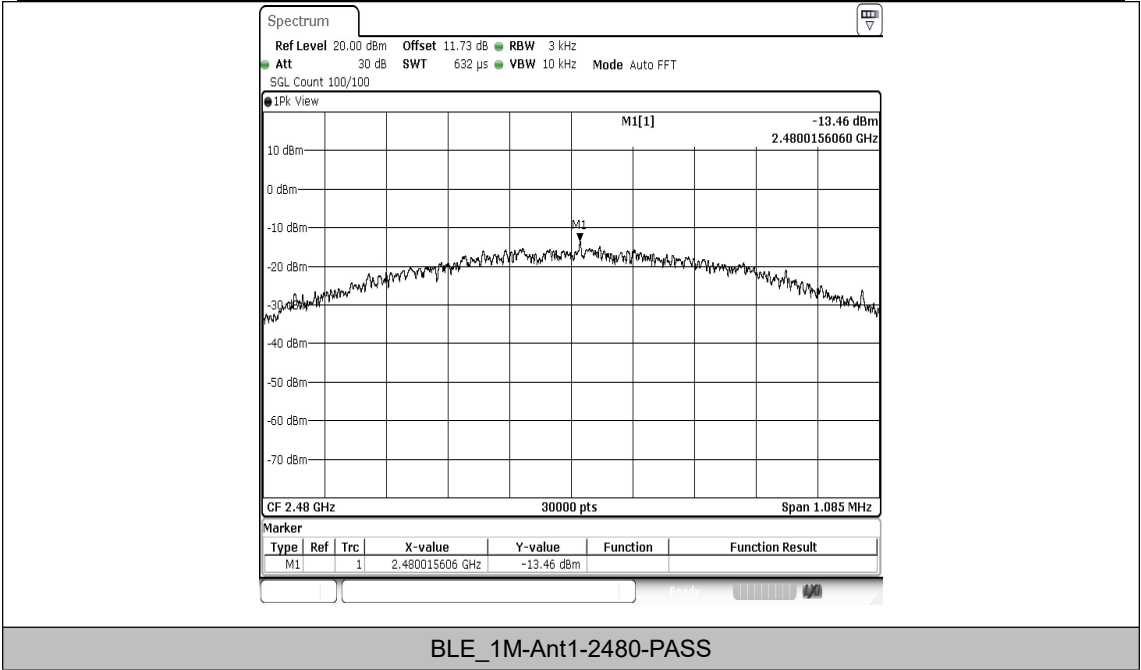
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.49	≤8.00	PASS
BLE_1M	Ant1	2440	-15.01	≤8.00	PASS
BLE_1M	Ant1	2480	-13.46	≤8.00	PASS

Test Graphs





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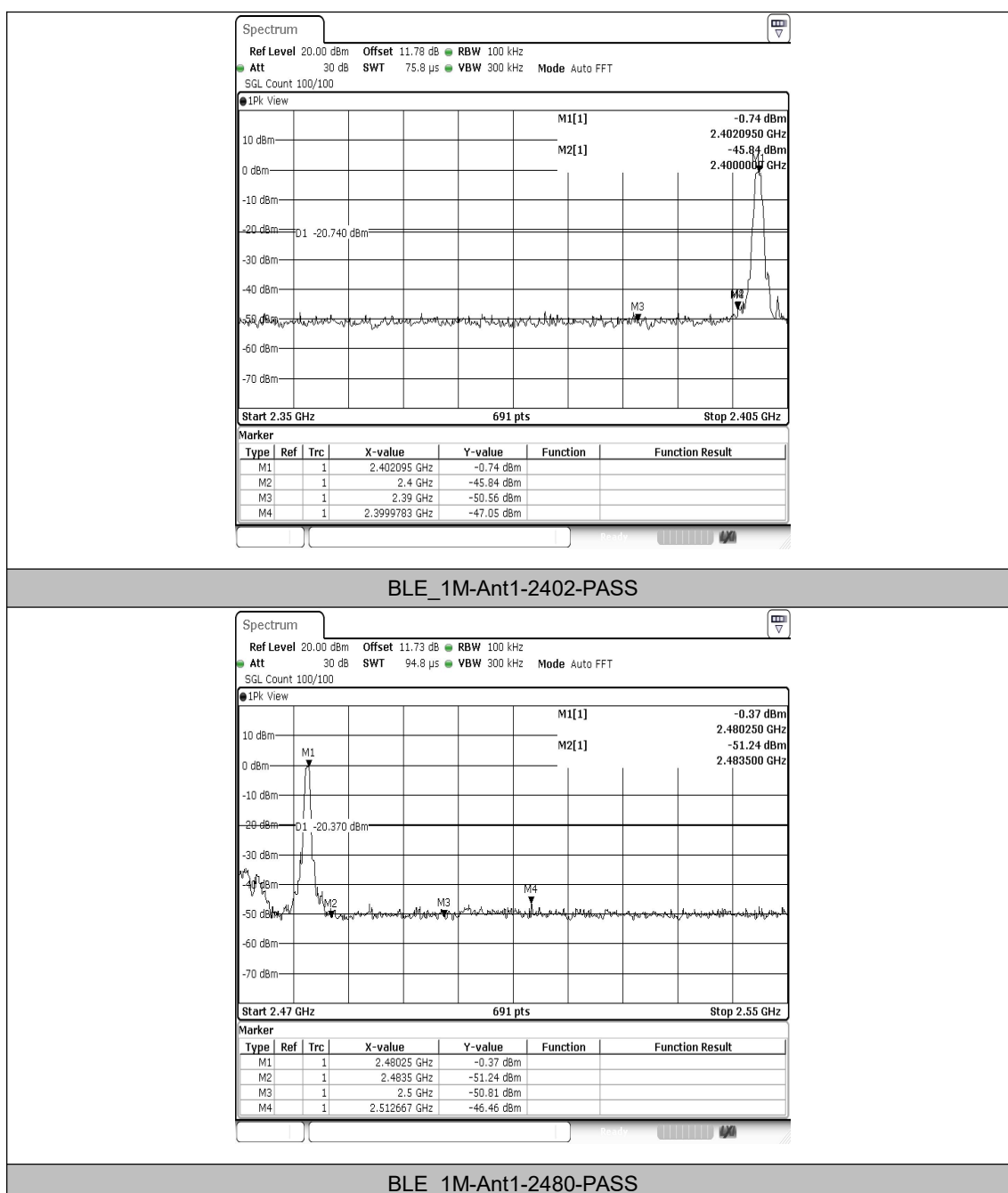


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.74	-47.05	≤-20.74	PASS
BLE_1M	Ant1	High	2480	-0.37	-46.46	≤-20.37	PASS

Test Graphs

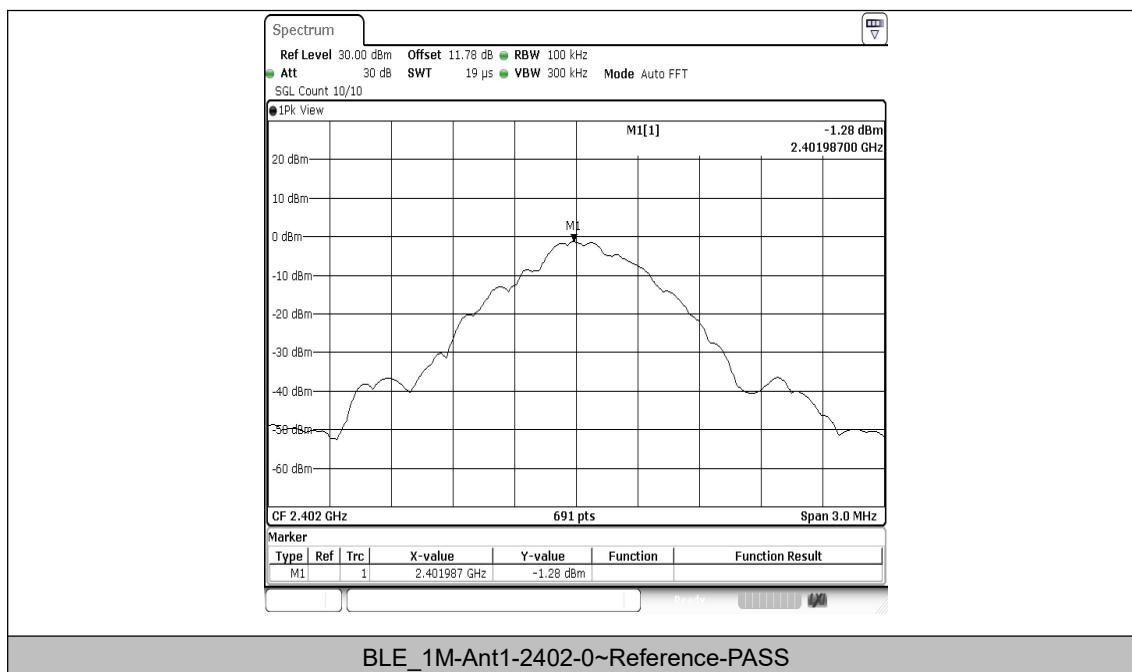


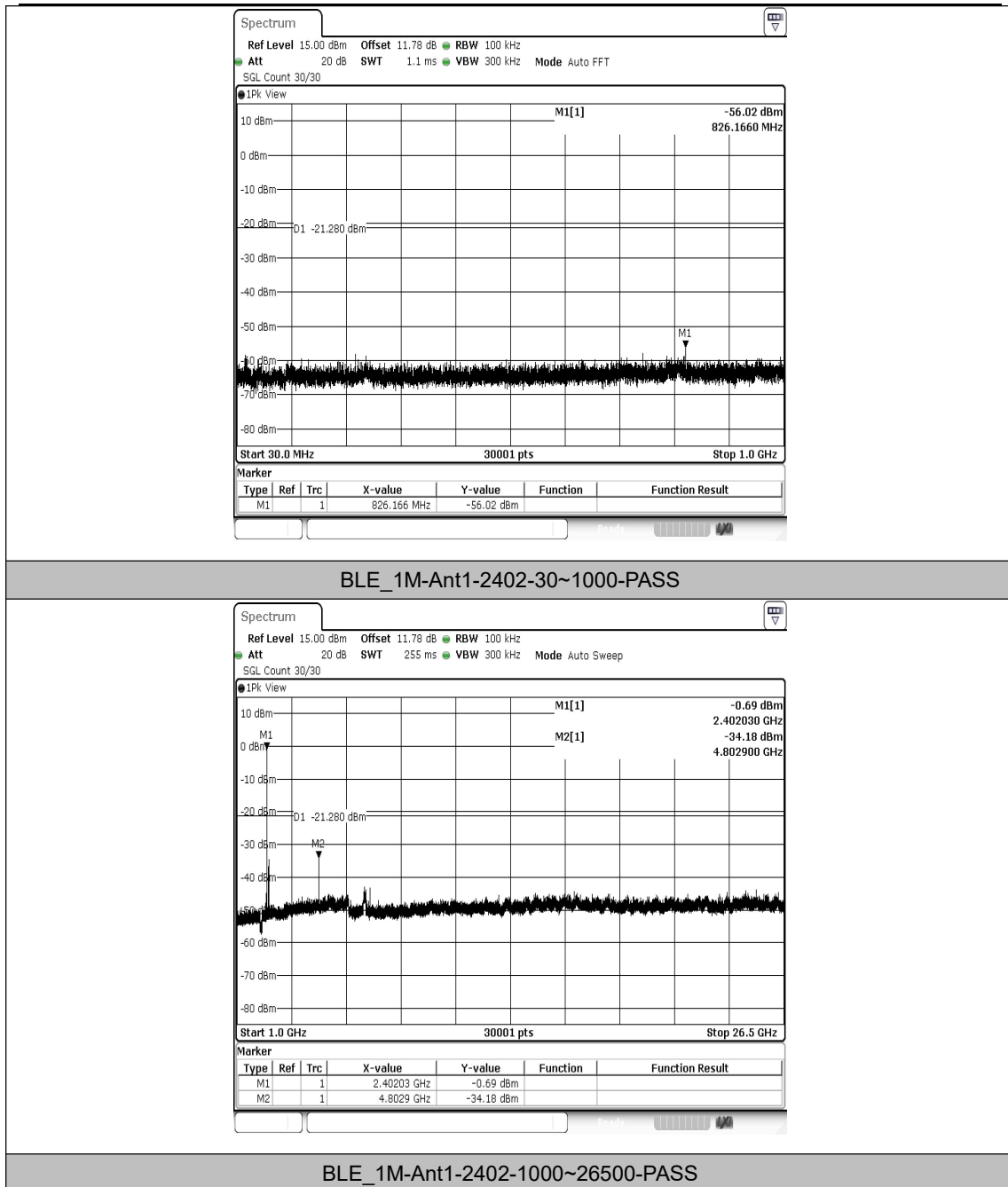
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.28	-1.28	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.28	-56.02	≤-21.28	PASS
BLE_1M	Ant1	2402	1000~26500	-1.28	-34.18	≤-21.28	PASS
BLE_1M	Ant1	2440	0~Reference	-0.89	-0.89	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.89	-54.77	≤-20.89	PASS
BLE_1M	Ant1	2440	1000~26500	-0.89	-31.66	≤-20.89	PASS
BLE_1M	Ant1	2480	0~Reference	-1.48	-1.48	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.48	-58.44	≤-21.48	PASS
BLE_1M	Ant1	2480	1000~26500	-1.48	-30.33	≤-21.48	PASS

Test Graphs



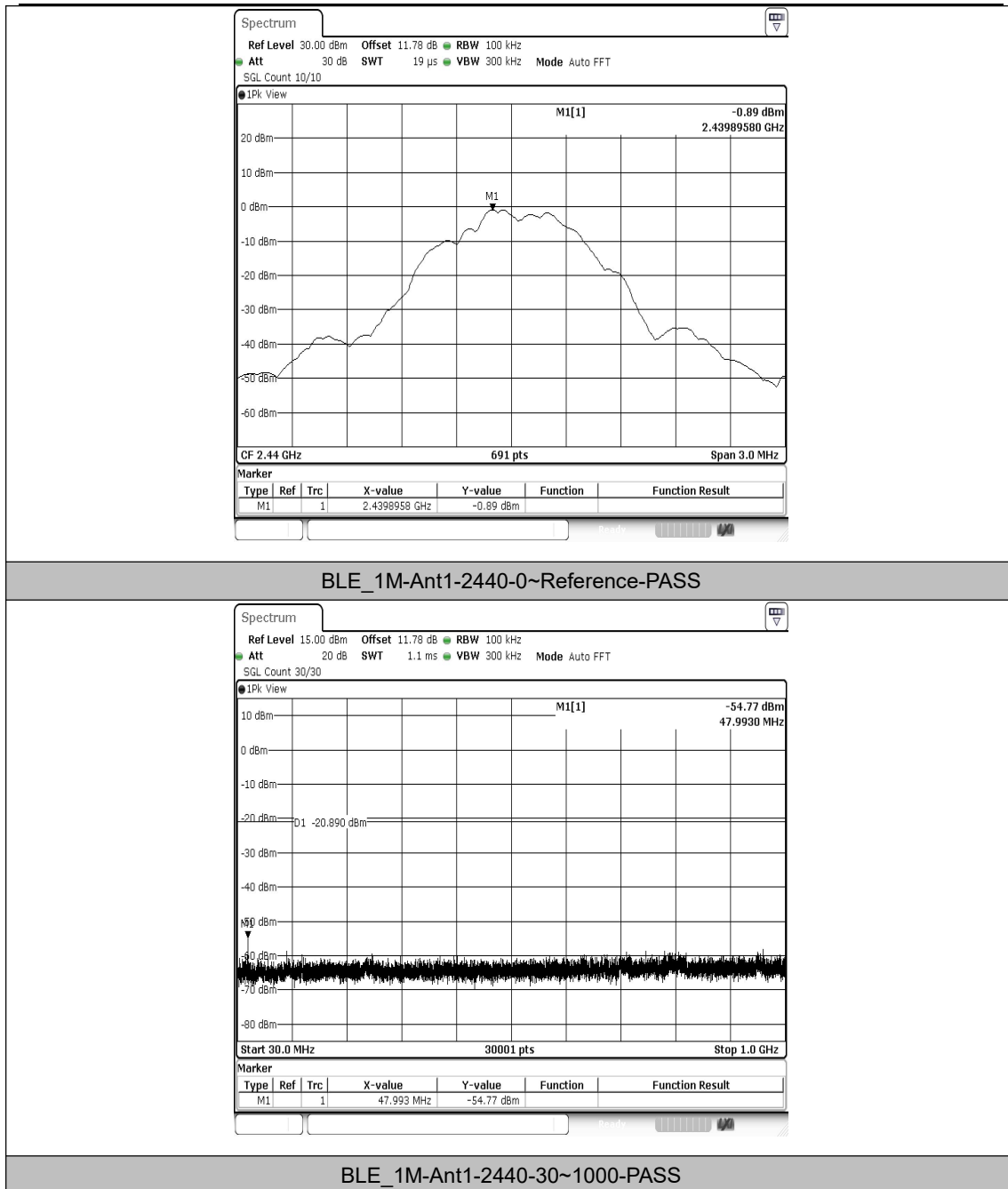


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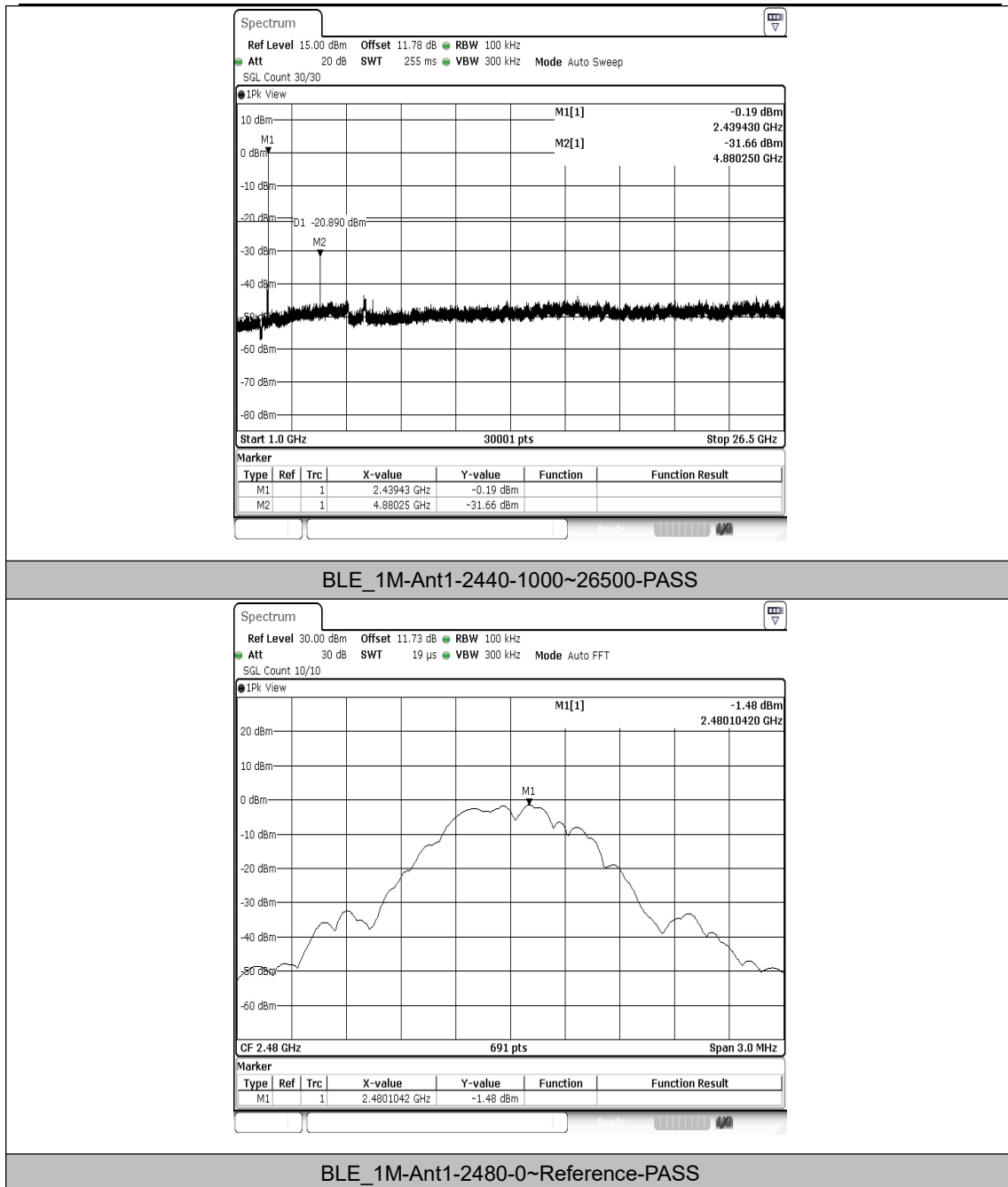


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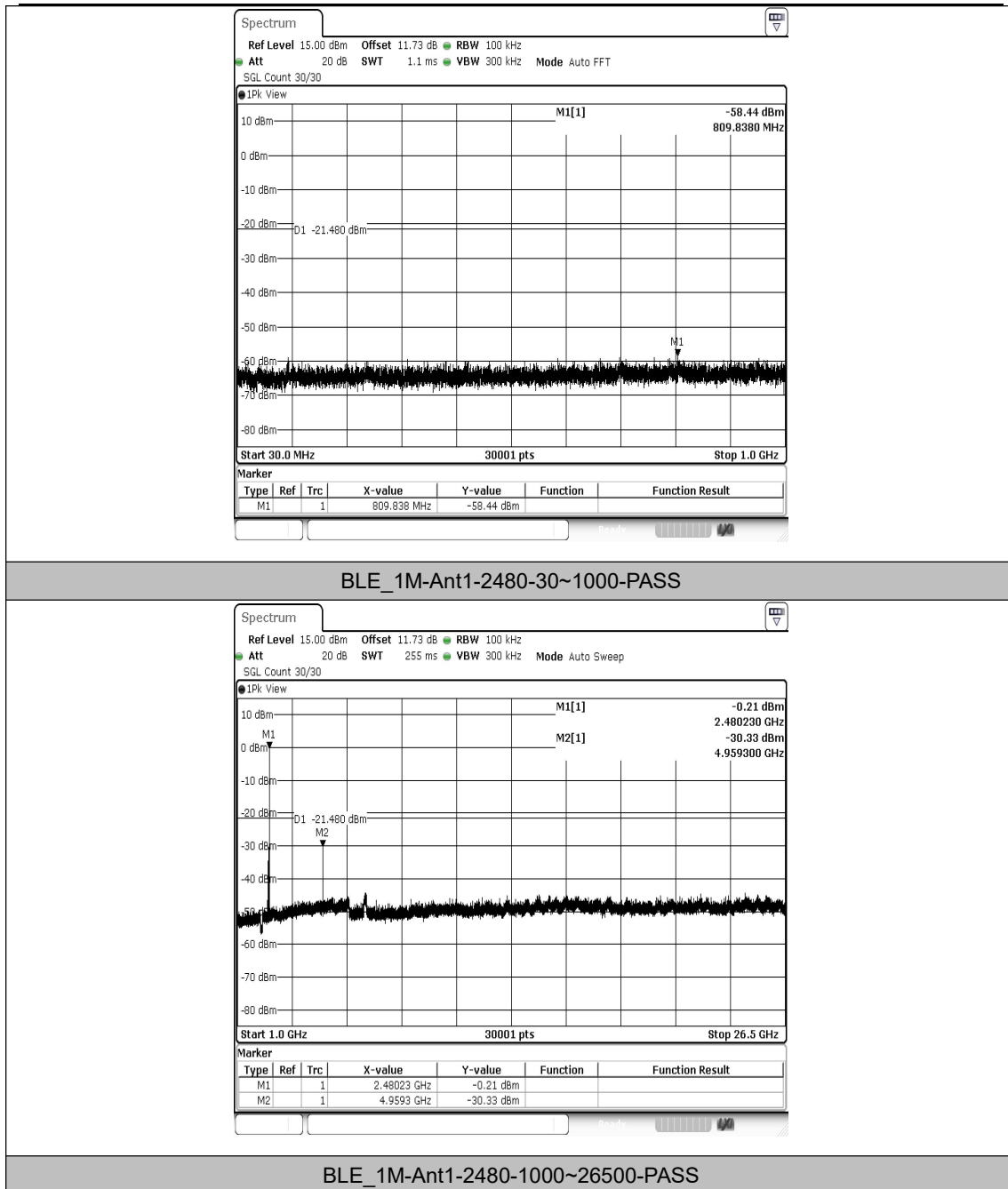


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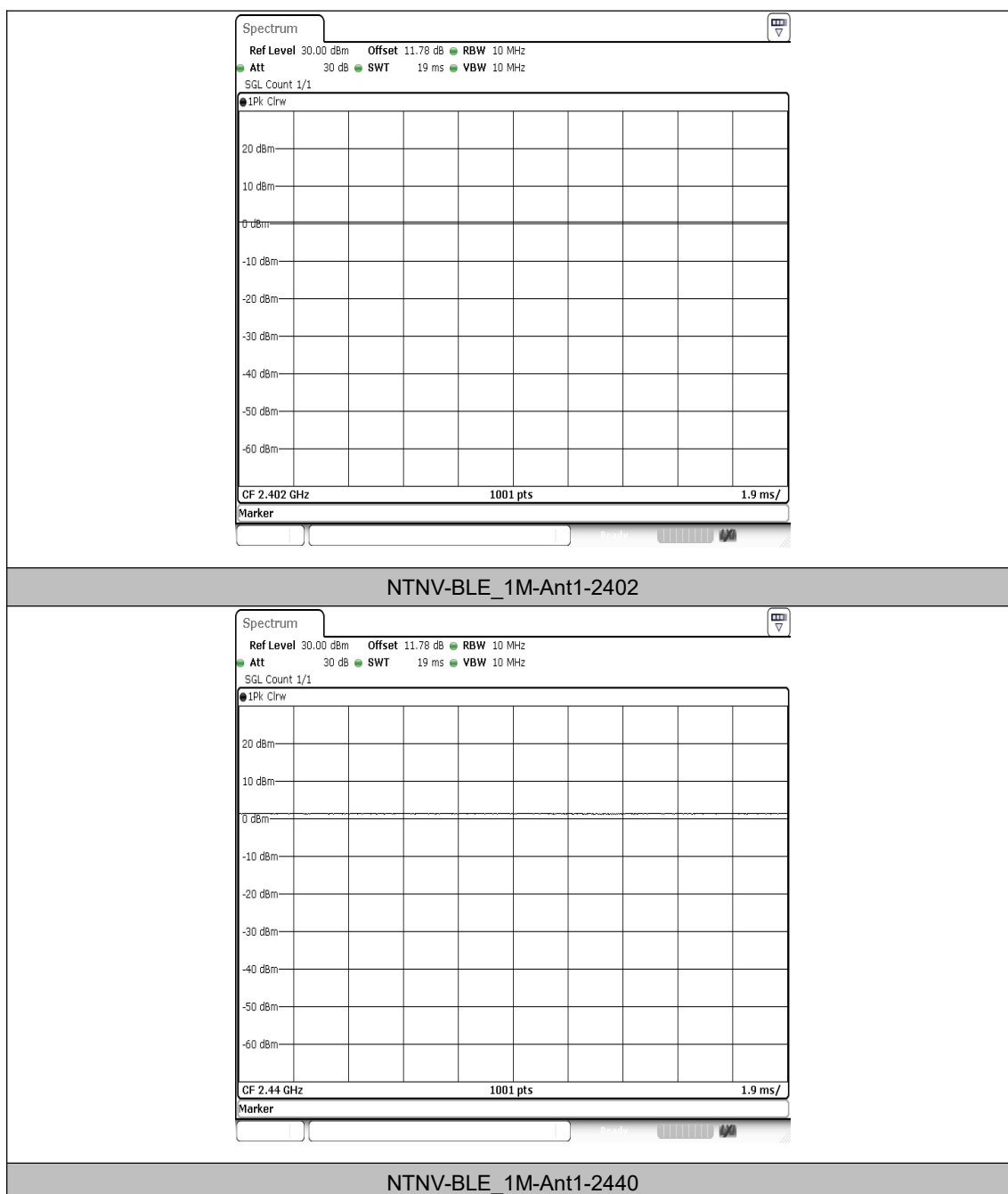


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	1.9	1.9	100	0
BLE_1M	Ant1	2440	1.9	1.9	100	0
BLE_1M	Ant1	2480	1.9	1.9	100	0

Test Graphs

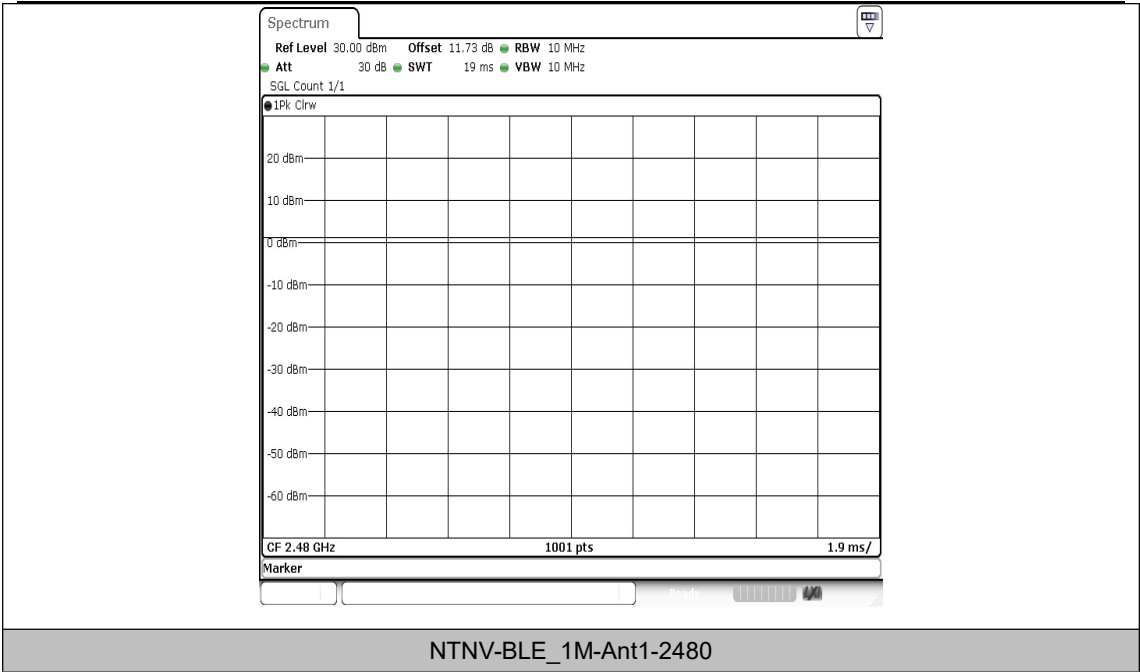


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