

Appendix Test Data

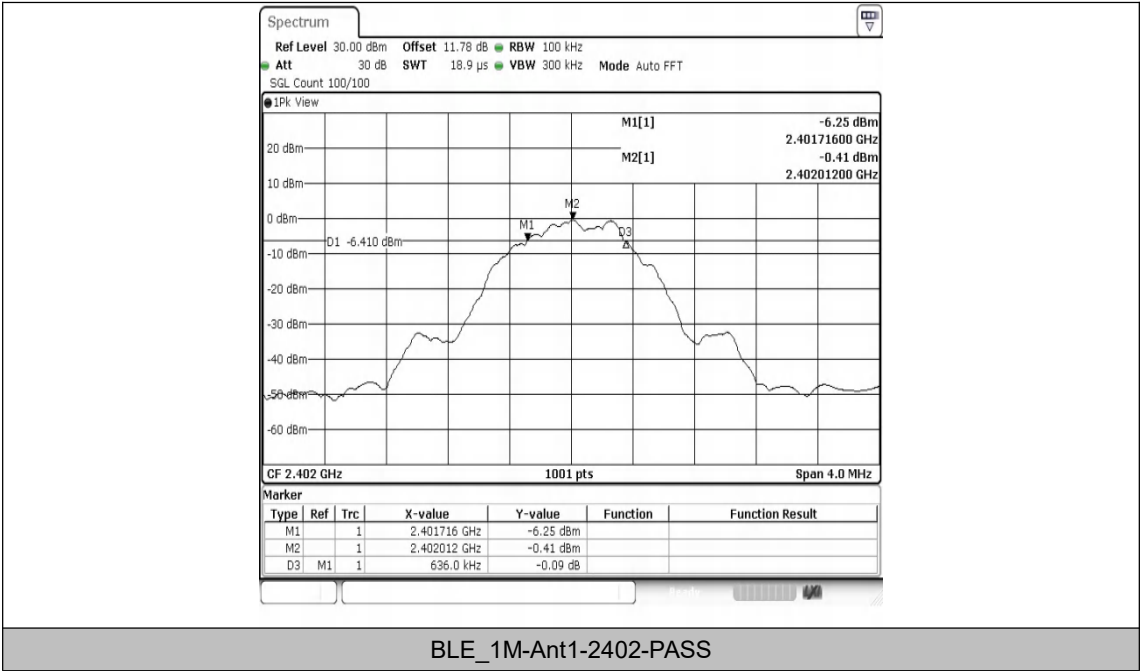
Report No:	1814C40082912501	Test Sample NO:	1-2-2
Start Test Date:	2024.11.6	Finish Test Date:	2024.11.6
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.9℃	Relative Humidity:	50%
Pressure:	101 kPa		

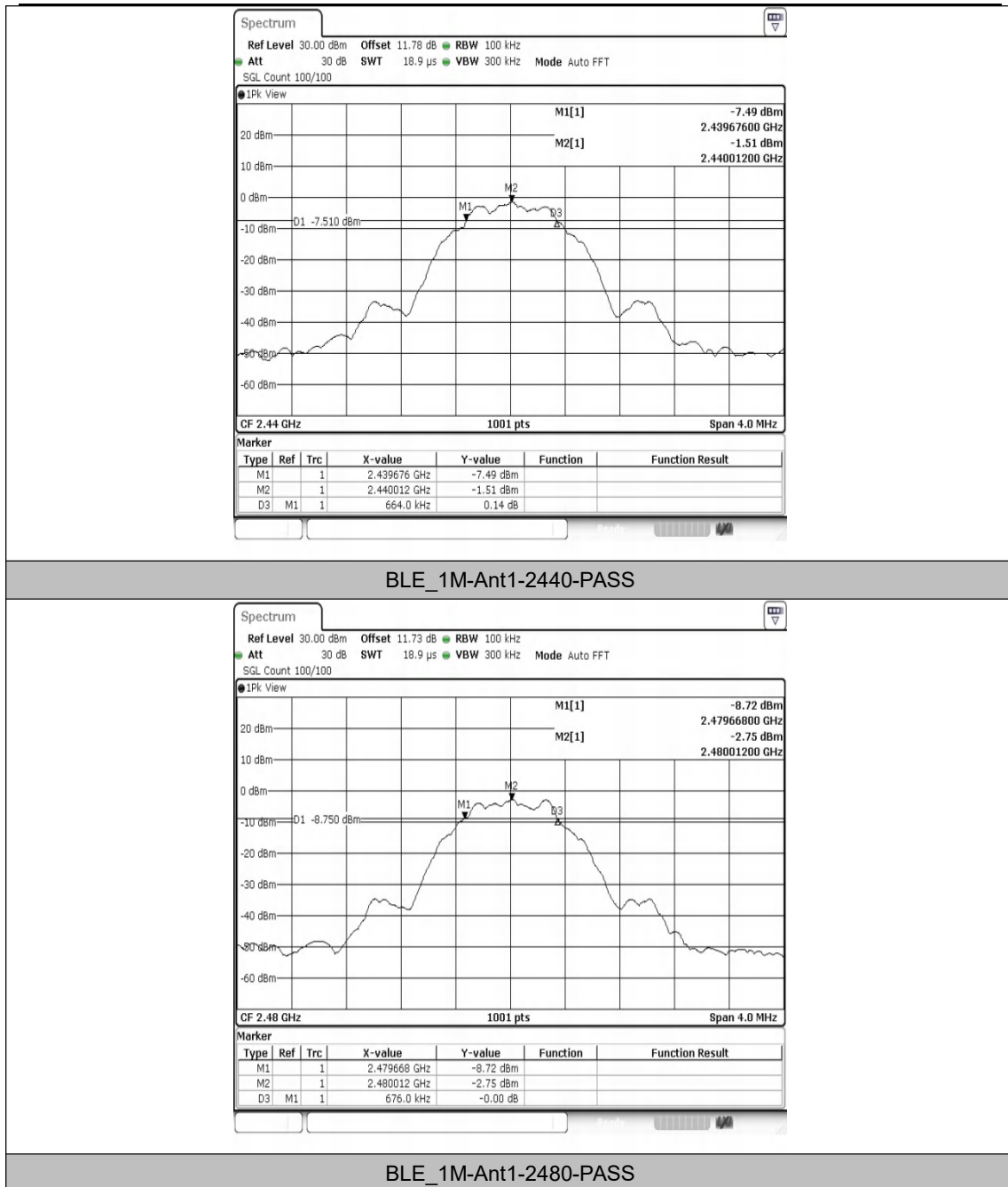
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.64	2401.72	2402.35	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.68	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.68	2479.67	2480.34	0.5	PASS

Test Graphs



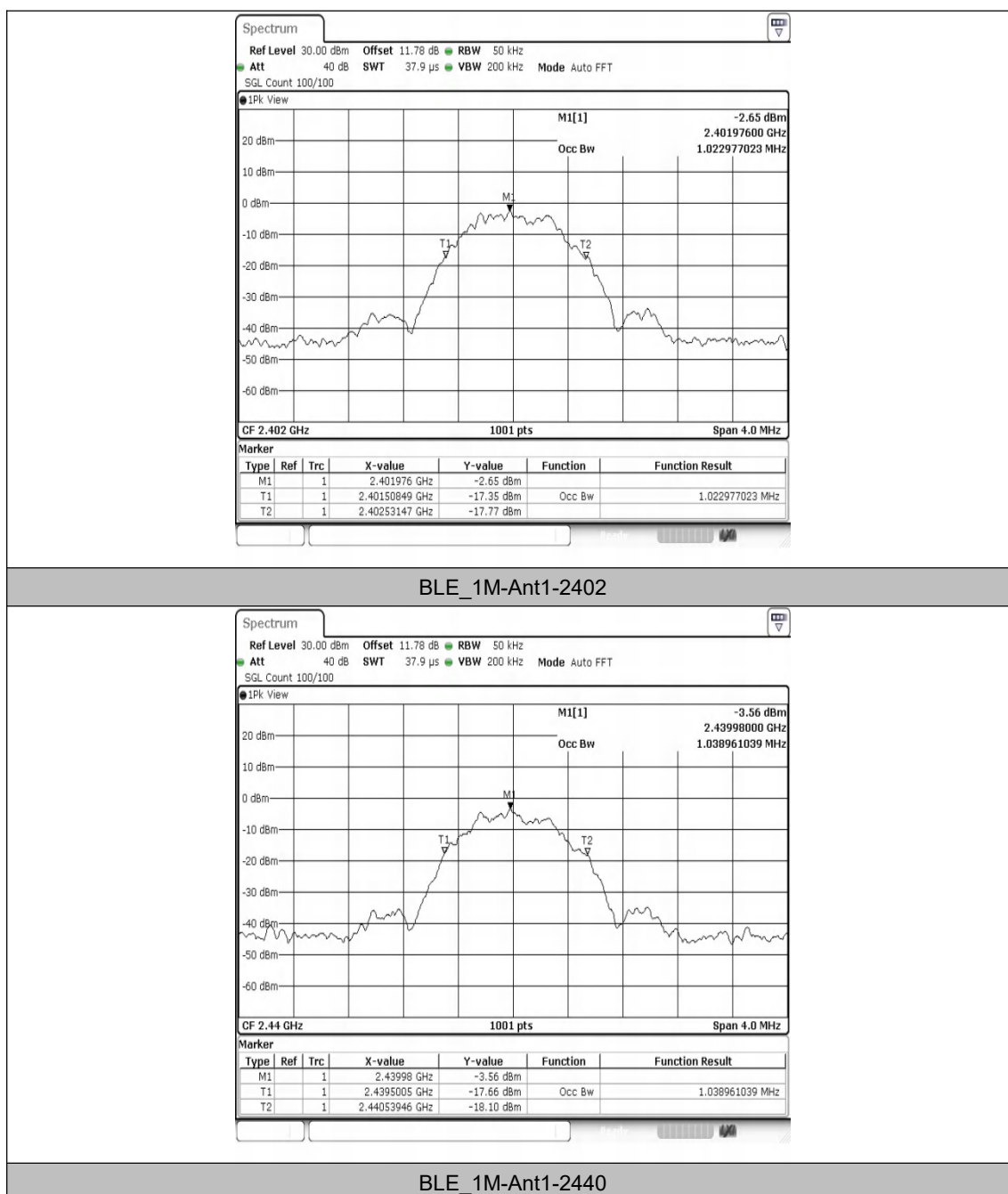


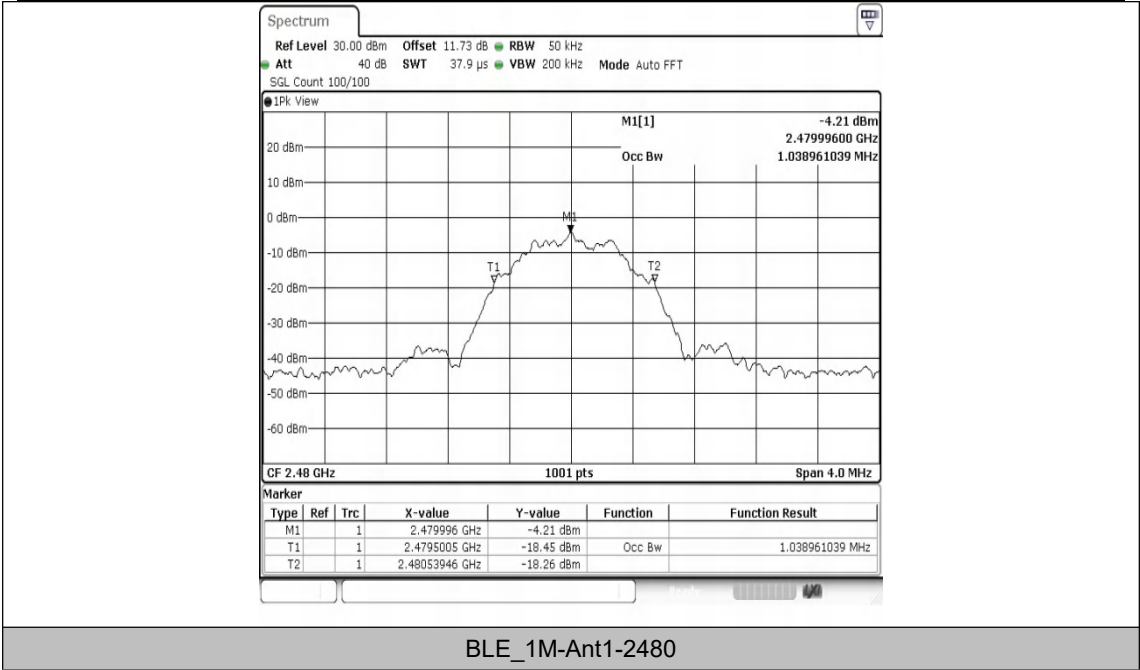
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.023	2401.5085	2402.5315	---	---
BLE_1M	Ant1	2440	1.039	2439.5005	2440.5395	---	---
BLE_1M	Ant1	2480	1.039	2479.5005	2480.5395	---	---

Test Graphs





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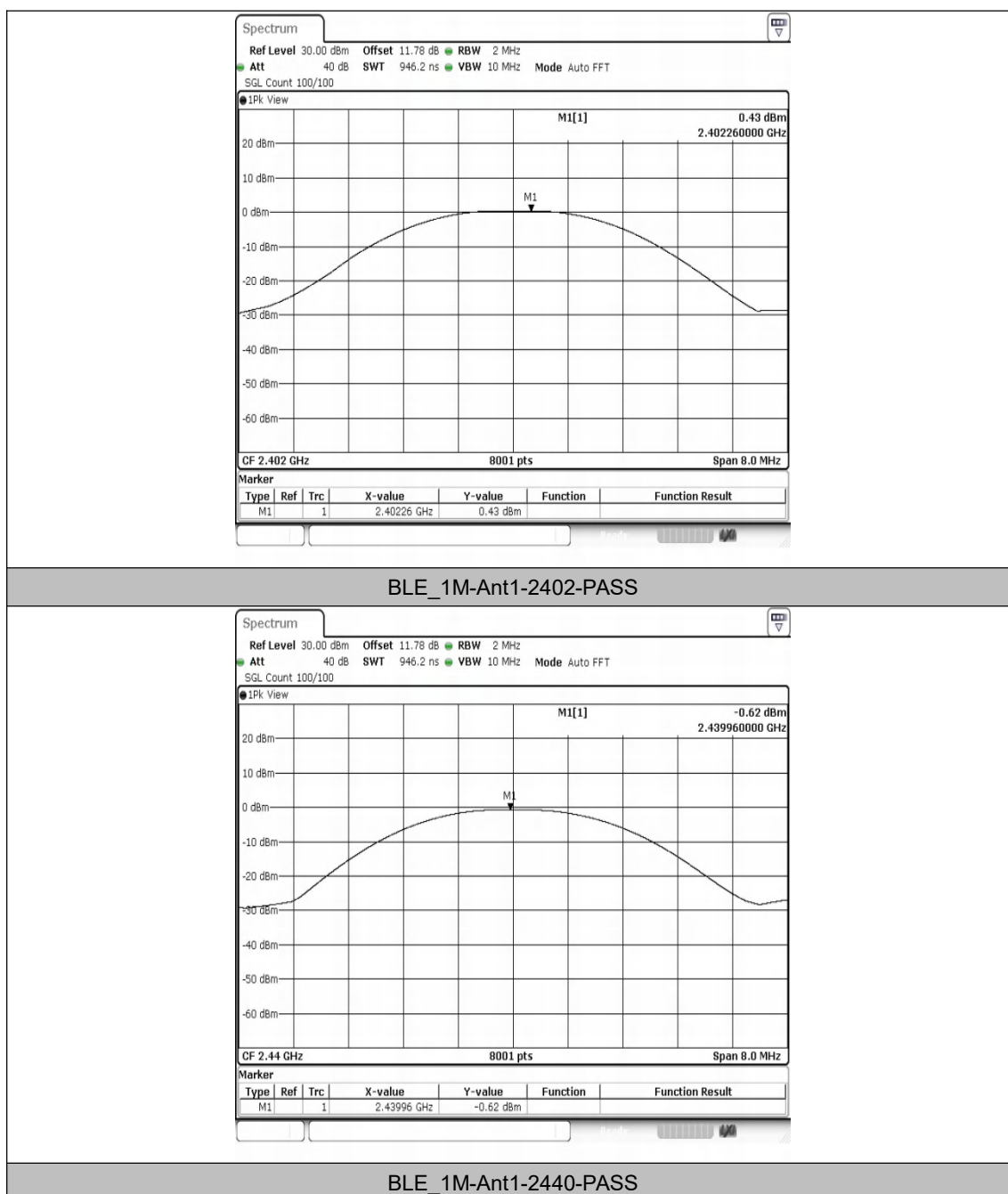


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.43	≤30	PASS
BLE_1M	Ant1	2440	-0.62	≤30	PASS
BLE_1M	Ant1	2480	-1.90	≤30	PASS

Test Graphs Peak





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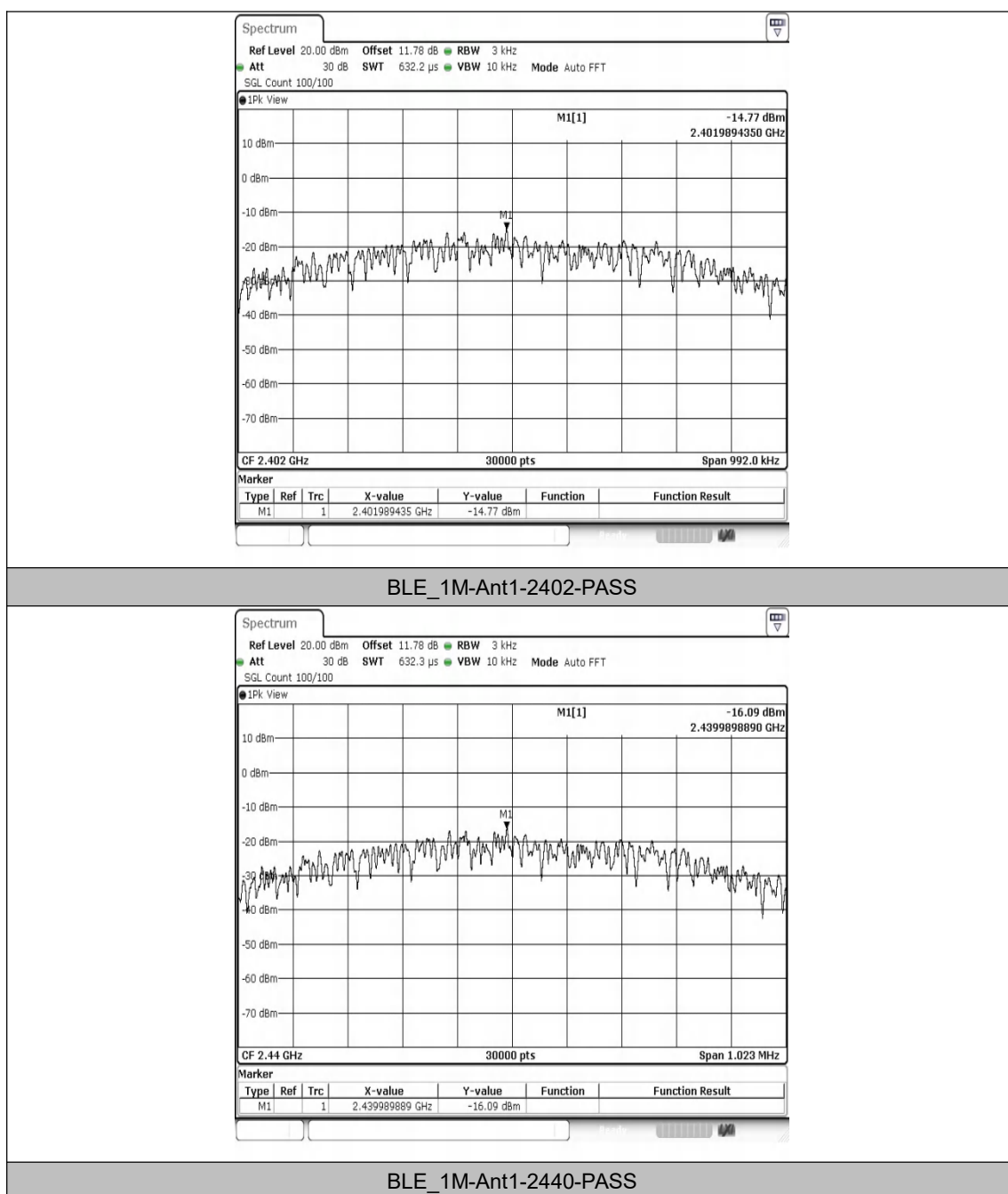


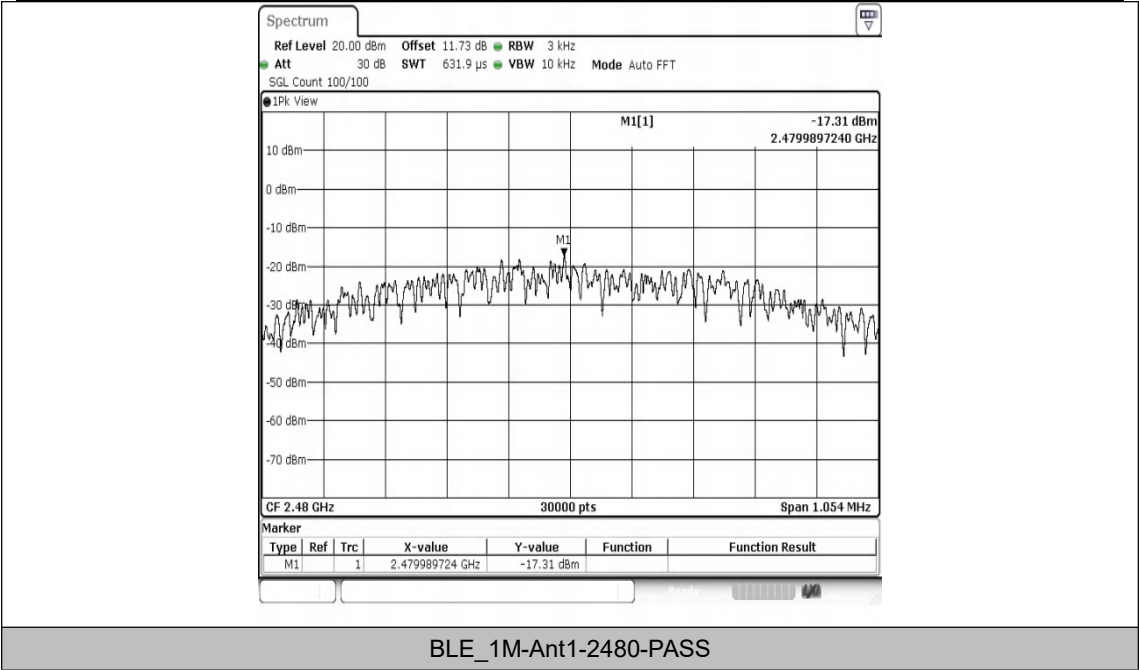
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.77	≤8.00	PASS
BLE_1M	Ant1	2440	-16.09	≤8.00	PASS
BLE_1M	Ant1	2480	-17.31	≤8.00	PASS

Test Graphs





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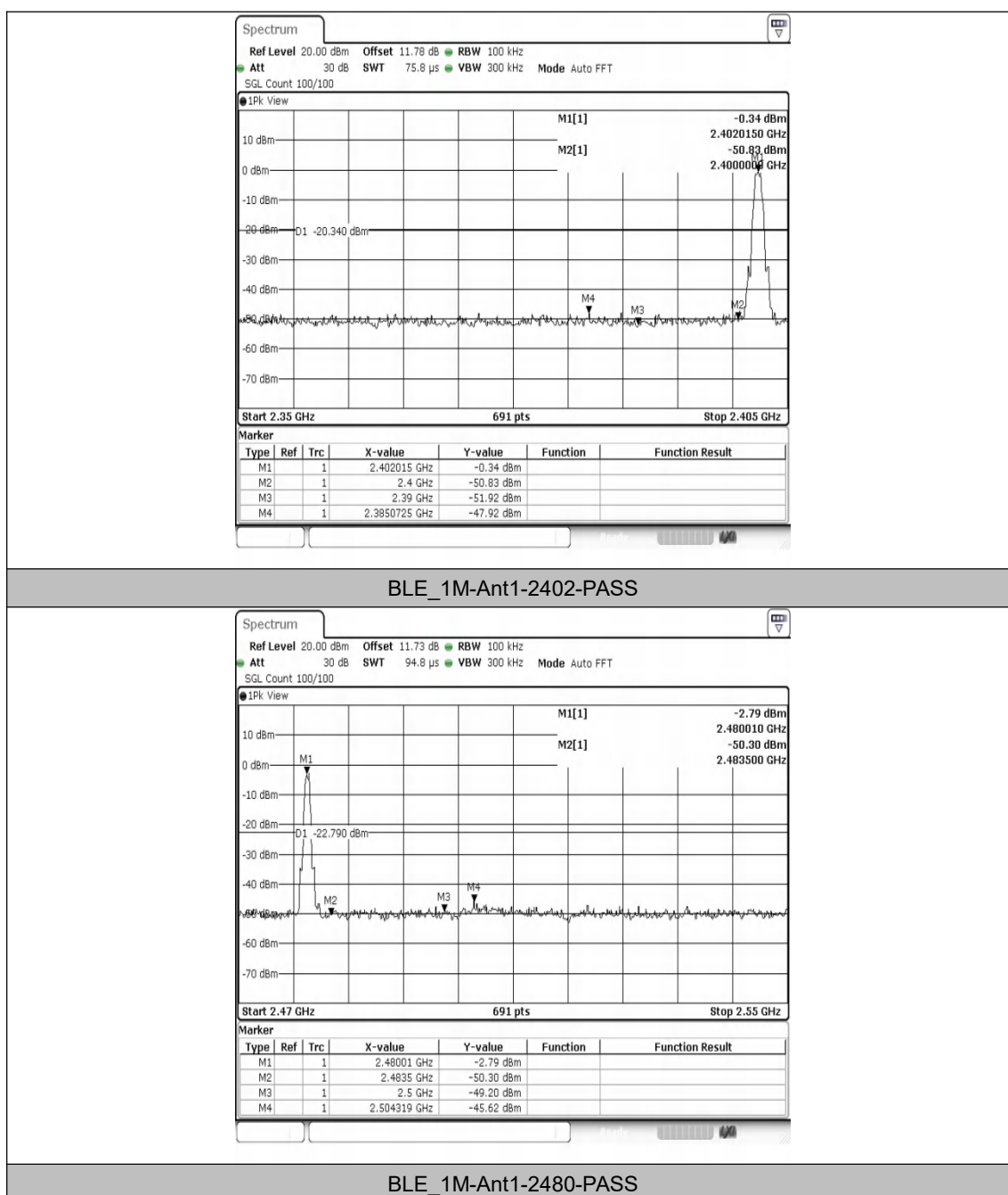


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.34	-47.92	≤-20.34	PASS
BLE_1M	Ant1	High	2480	-2.79	-45.62	≤-22.79	PASS

Test Graphs



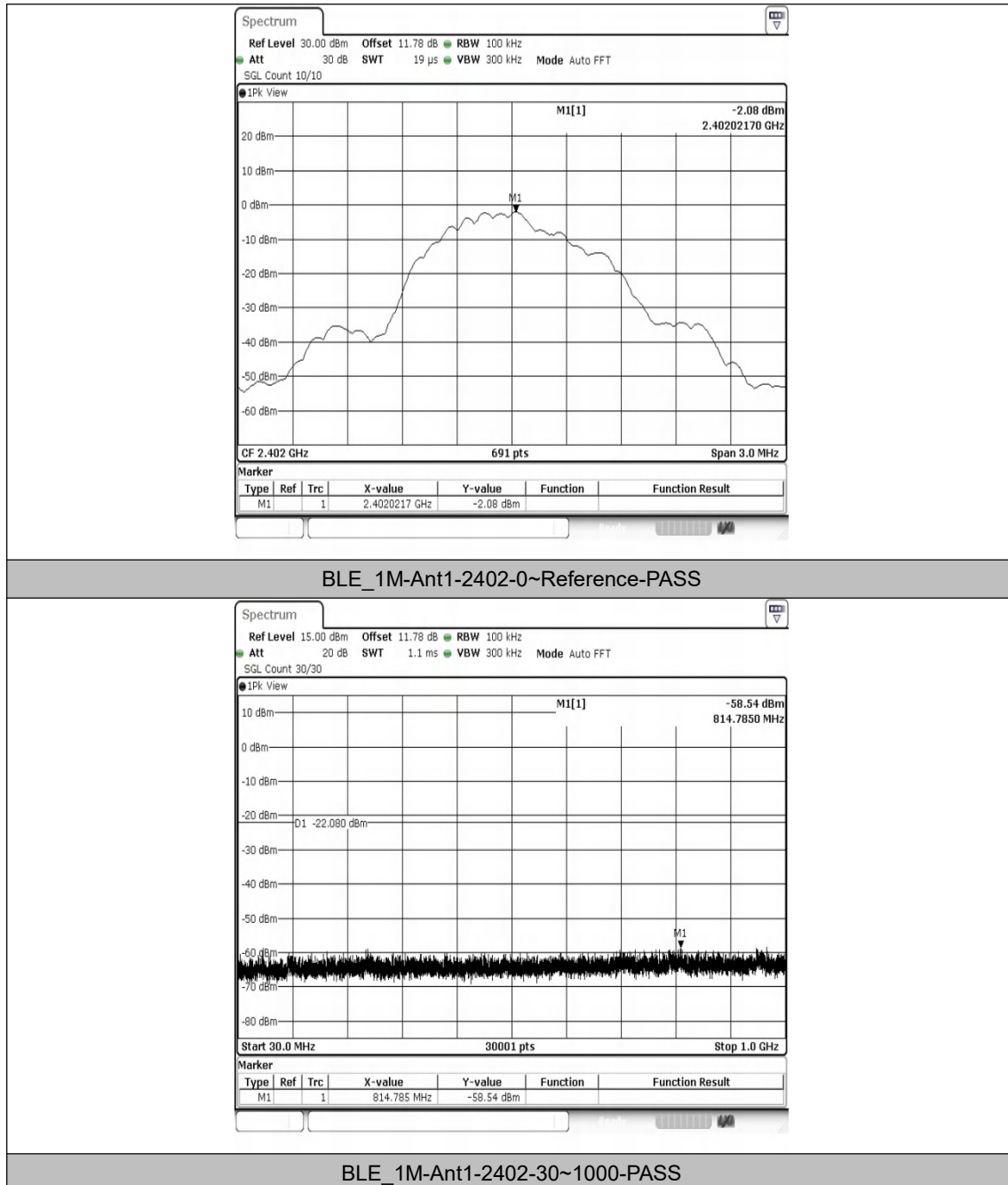
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.08	-2.08	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.08	-58.54	≤-22.08	PASS
BLE_1M	Ant1	2402	1000~26500	-2.08	-44.02	≤-22.08	PASS
BLE_1M	Ant1	2440	0~Reference	-3.09	-3.09	---	PASS
BLE_1M	Ant1	2440	30~1000	-3.09	-58.4	≤-23.09	PASS
BLE_1M	Ant1	2440	1000~26500	-3.09	-43.32	≤-23.09	PASS
BLE_1M	Ant1	2480	0~Reference	-3.55	-3.55	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.55	-57.82	≤-23.55	PASS
BLE_1M	Ant1	2480	1000~26500	-3.55	-44.01	≤-23.55	PASS



Test Graphs



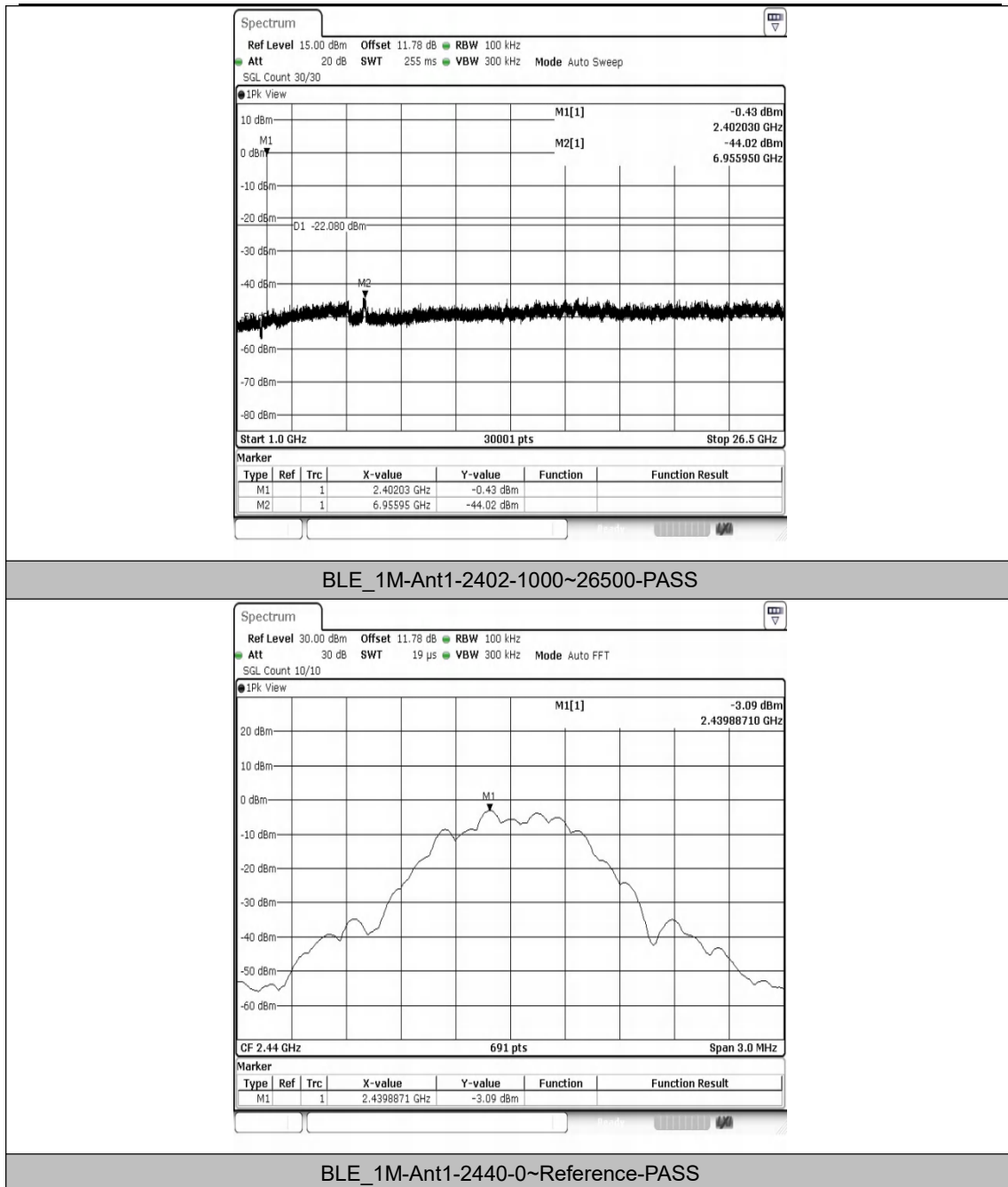
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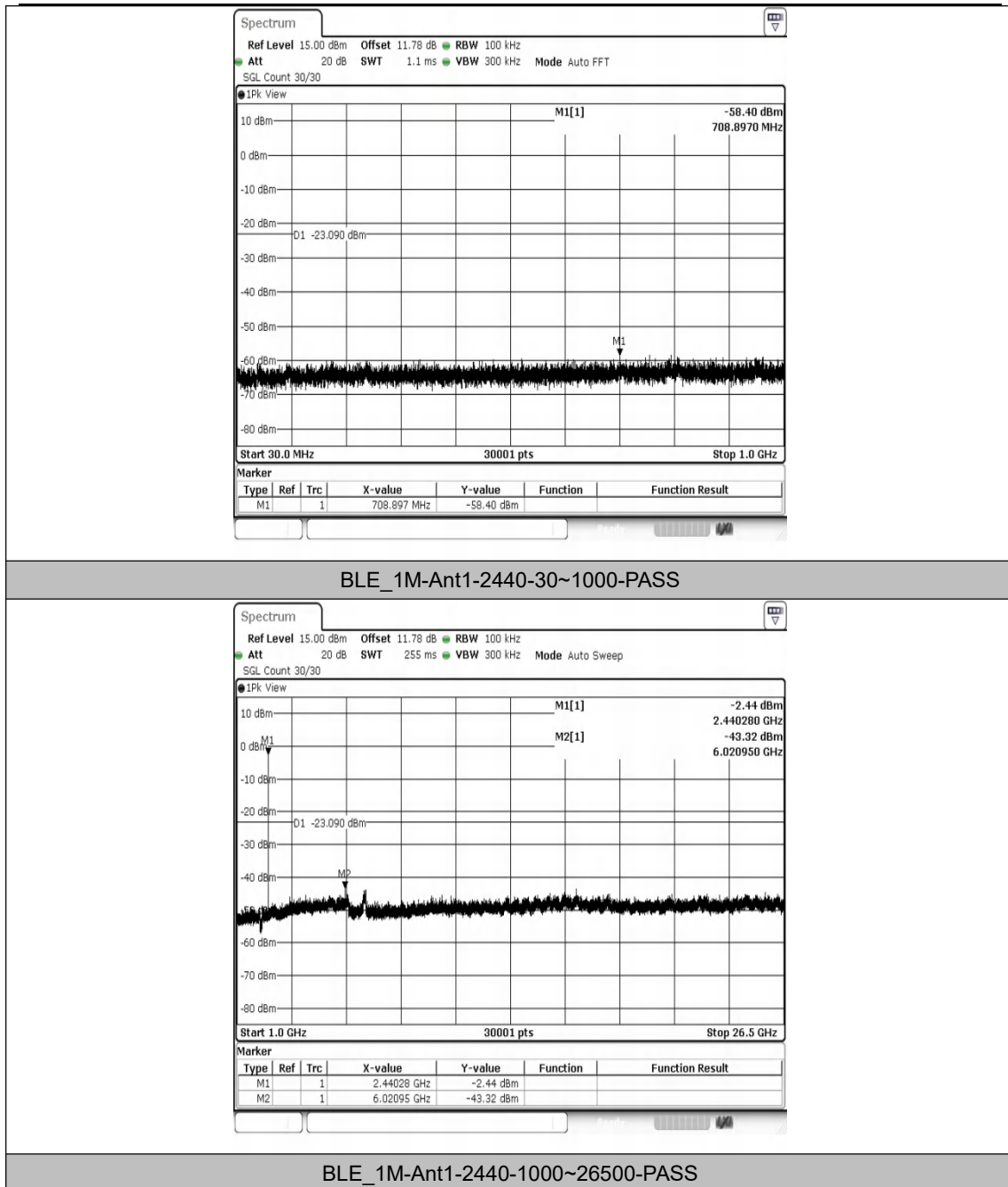


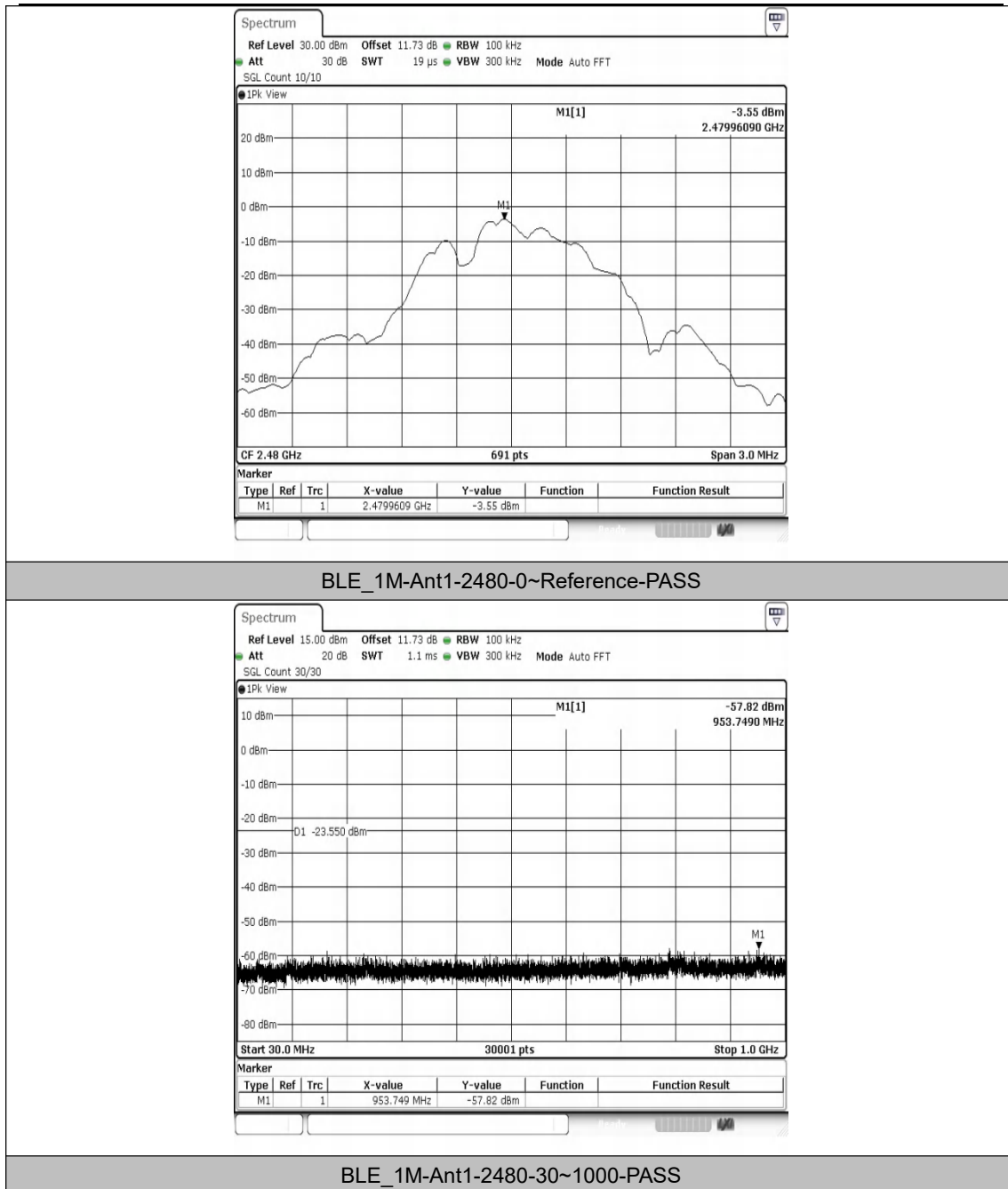
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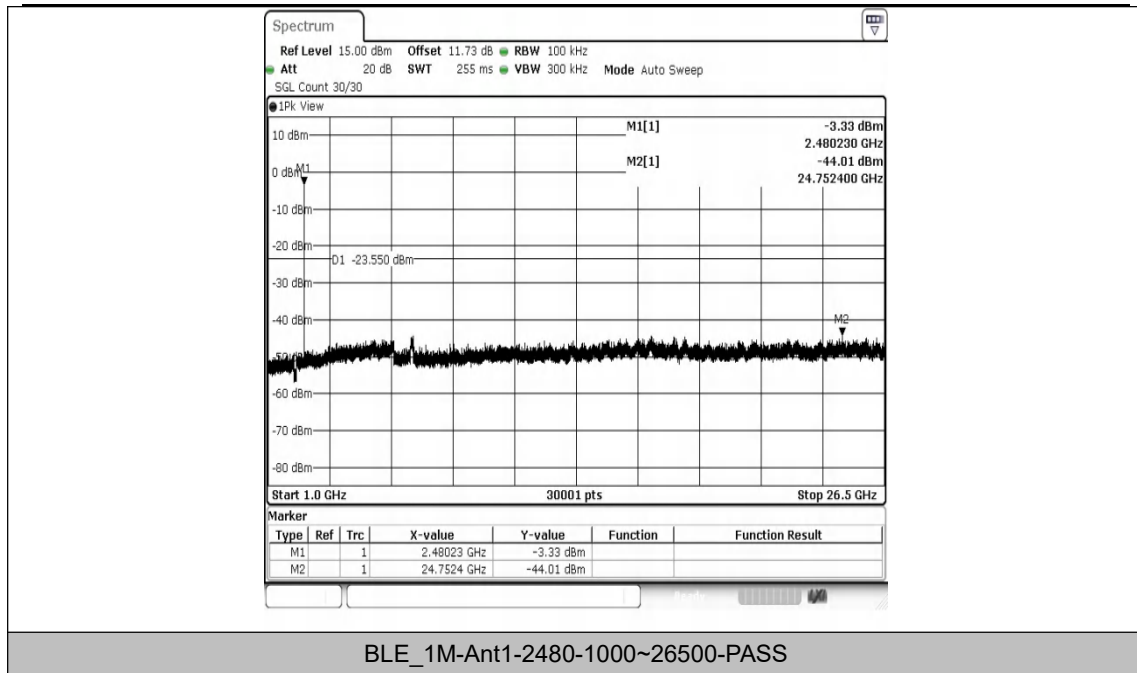


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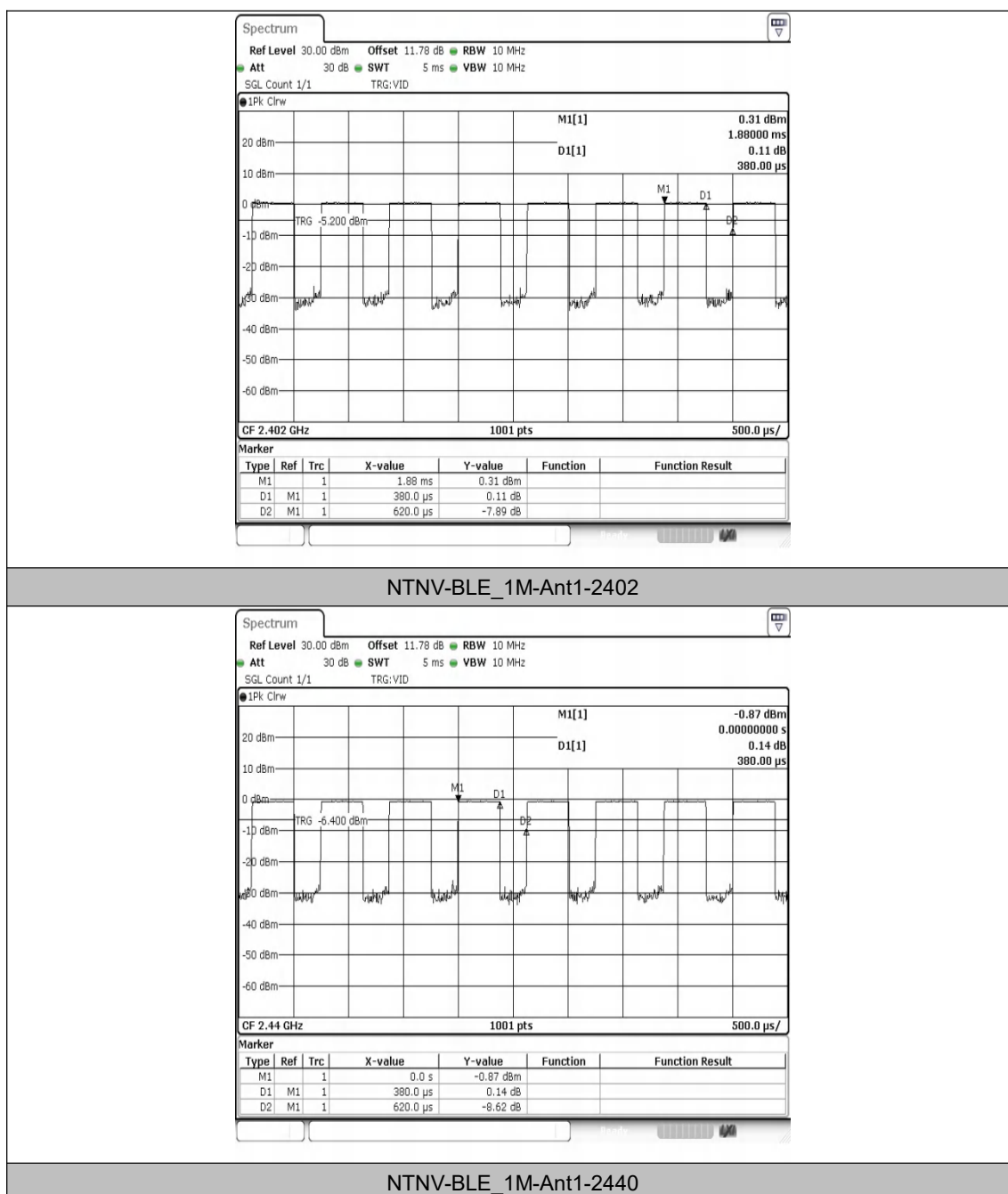


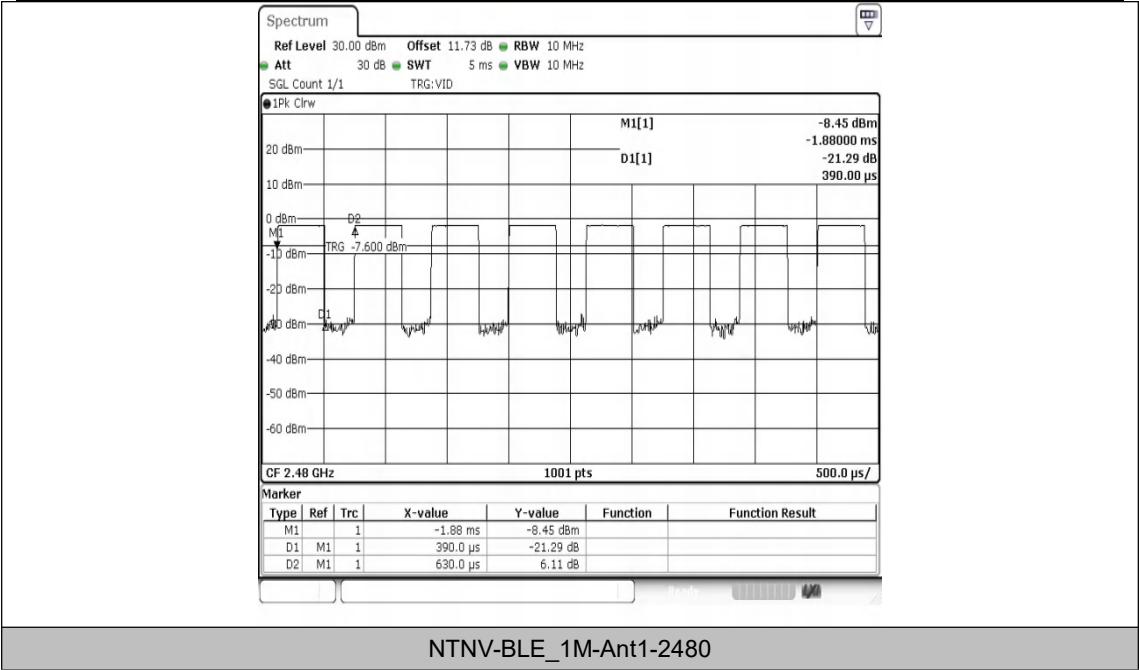
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.38	0.62	61.29	2.13
BLE_1M	Ant1	2440	0.38	0.62	61.29	2.13
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08

Test Graphs





---END---

