

Appendix Test Data

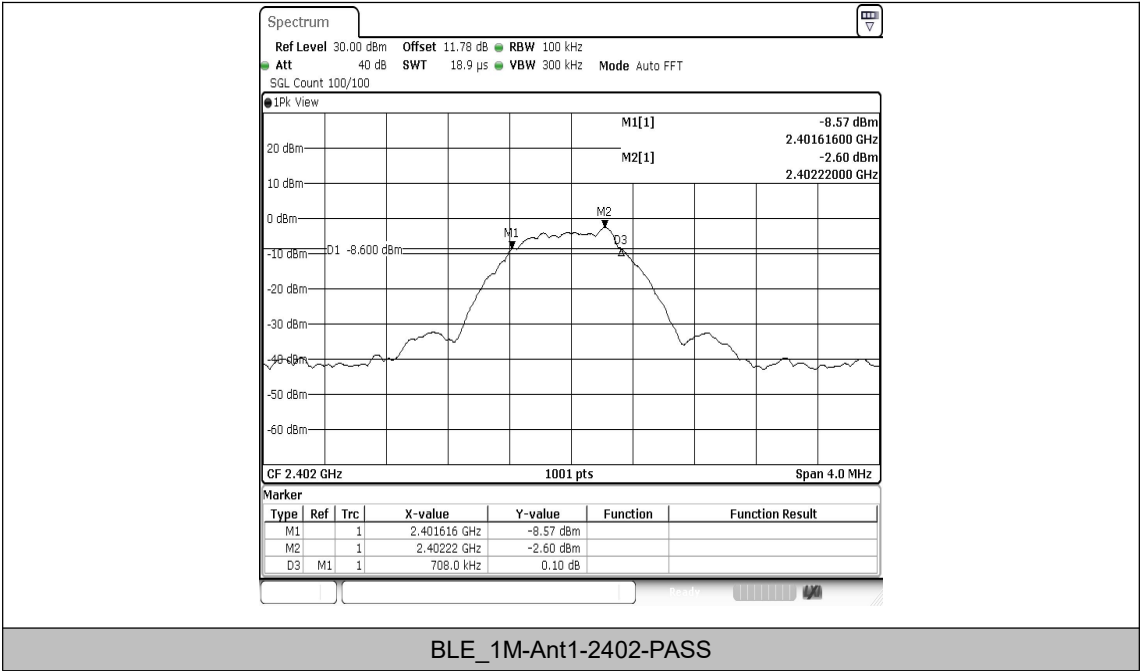
Report No:	1812C40001912501	Test Sample NO:	1-2-2
Start Test Date:	2024.08.16	Finish Test Date:	2024.08.16
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

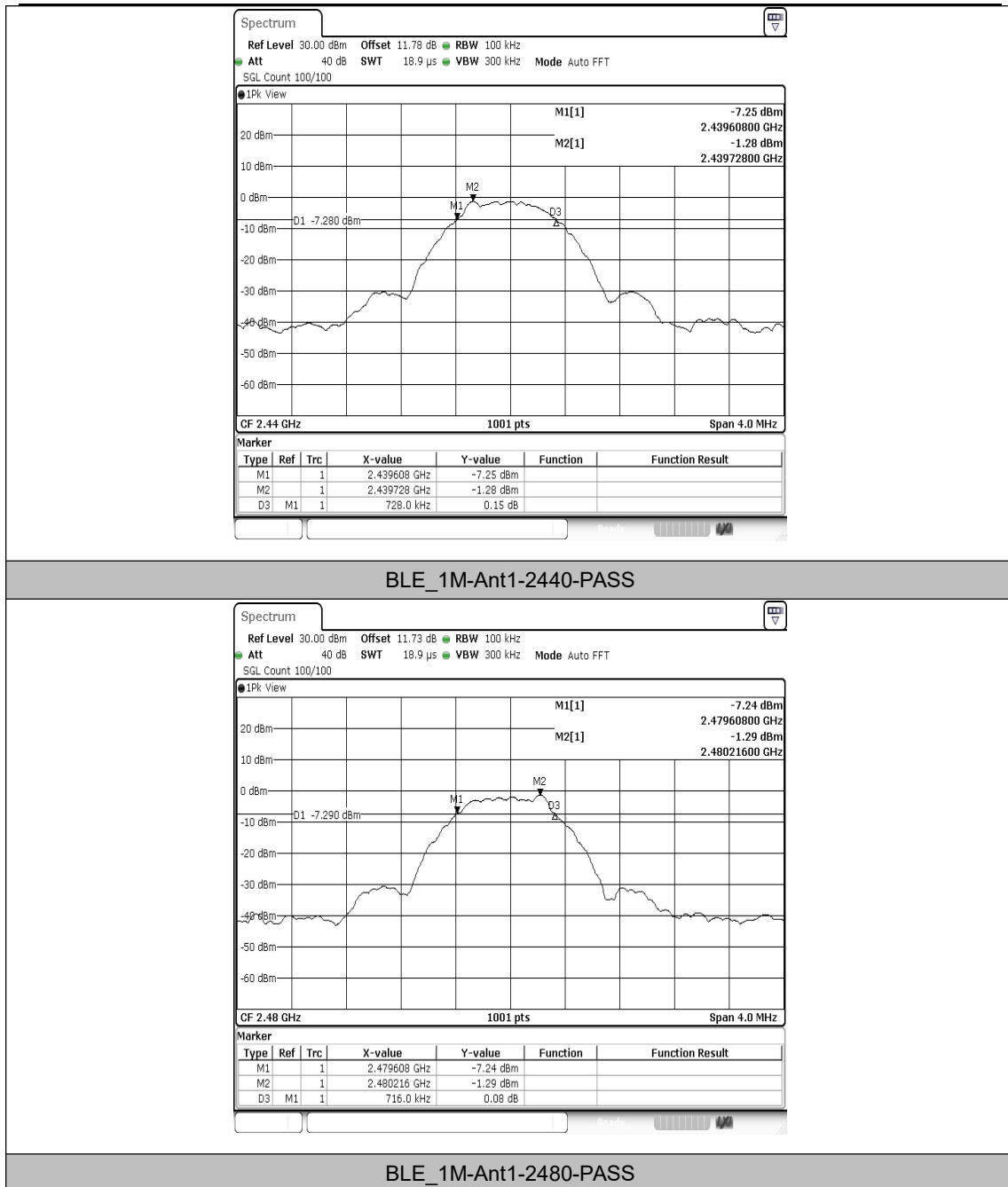
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.62	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.73	2439.61	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.72	2479.61	2480.32	0.5	PASS

Test Graphs



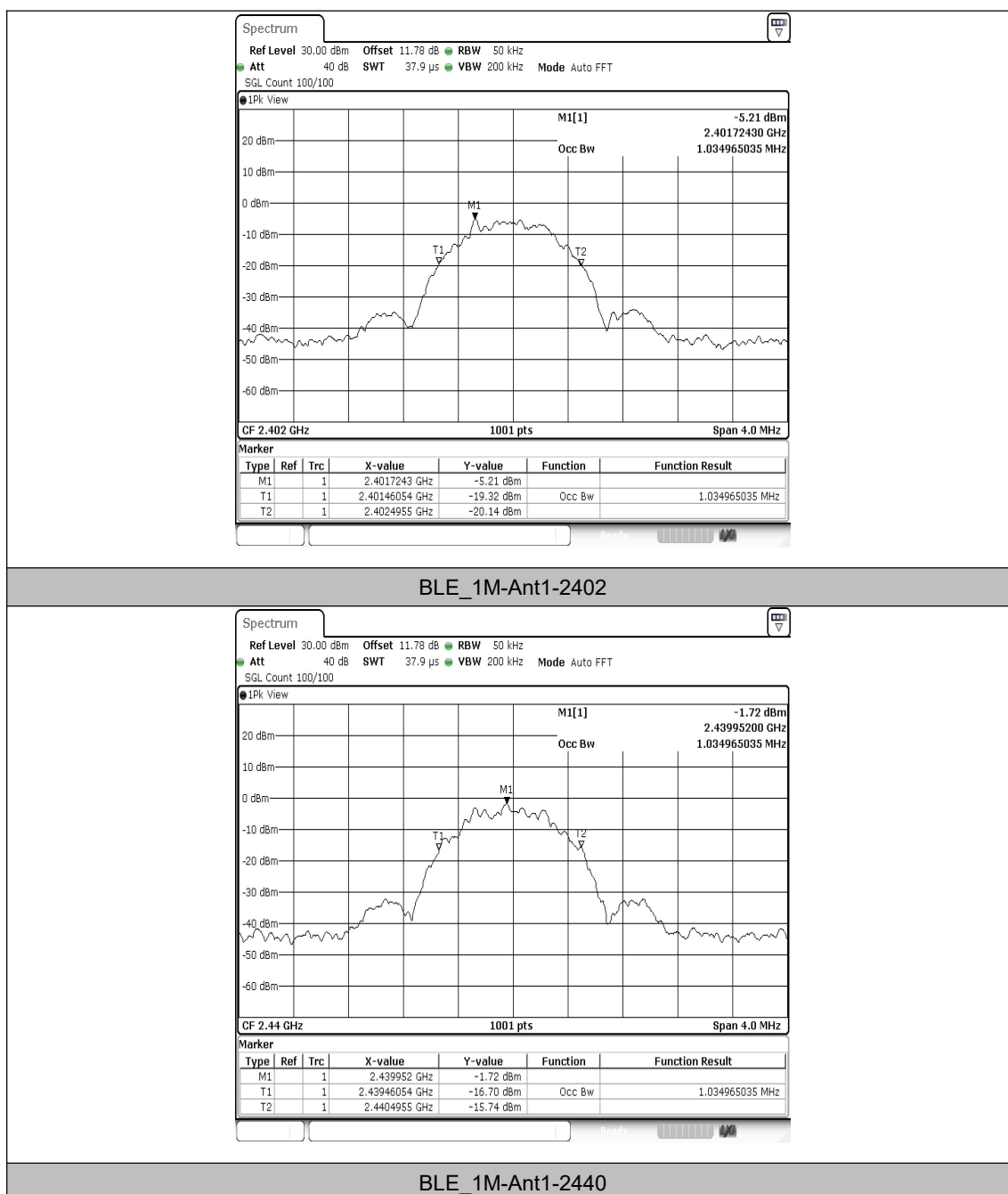


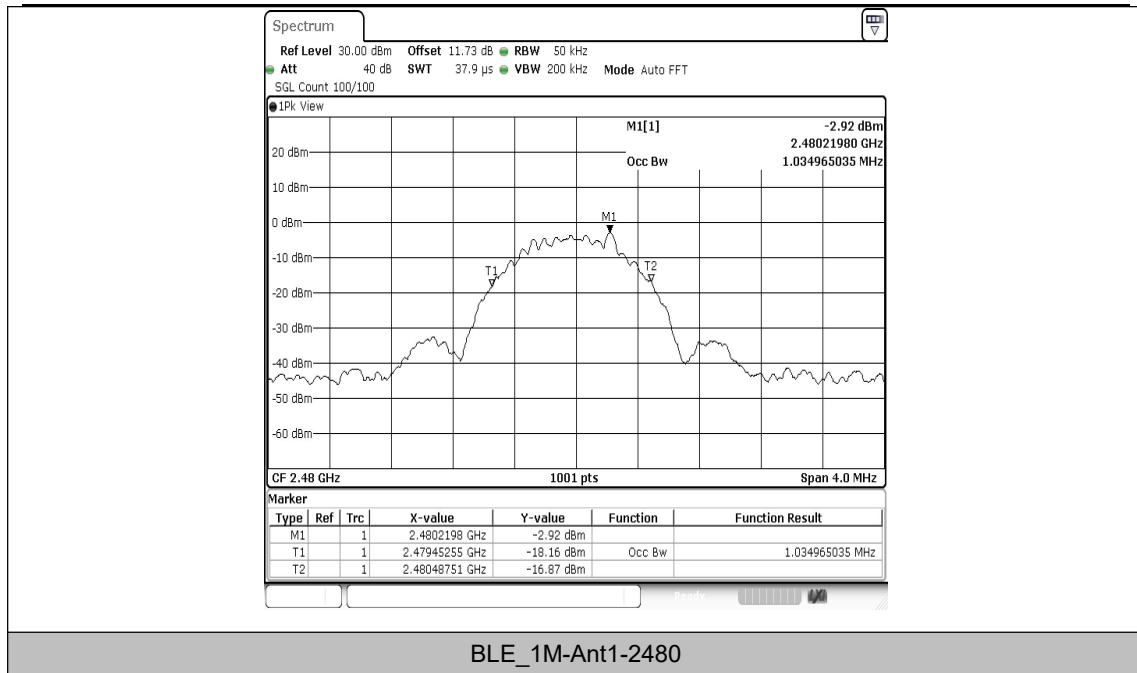
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.035	2401.4605	2402.4955	---	---
BLE_1M	Ant1	2440	1.035	2439.4605	2440.4955	---	---
BLE_1M	Ant1	2480	1.035	2479.4525	2480.4875	---	---

Test Graphs





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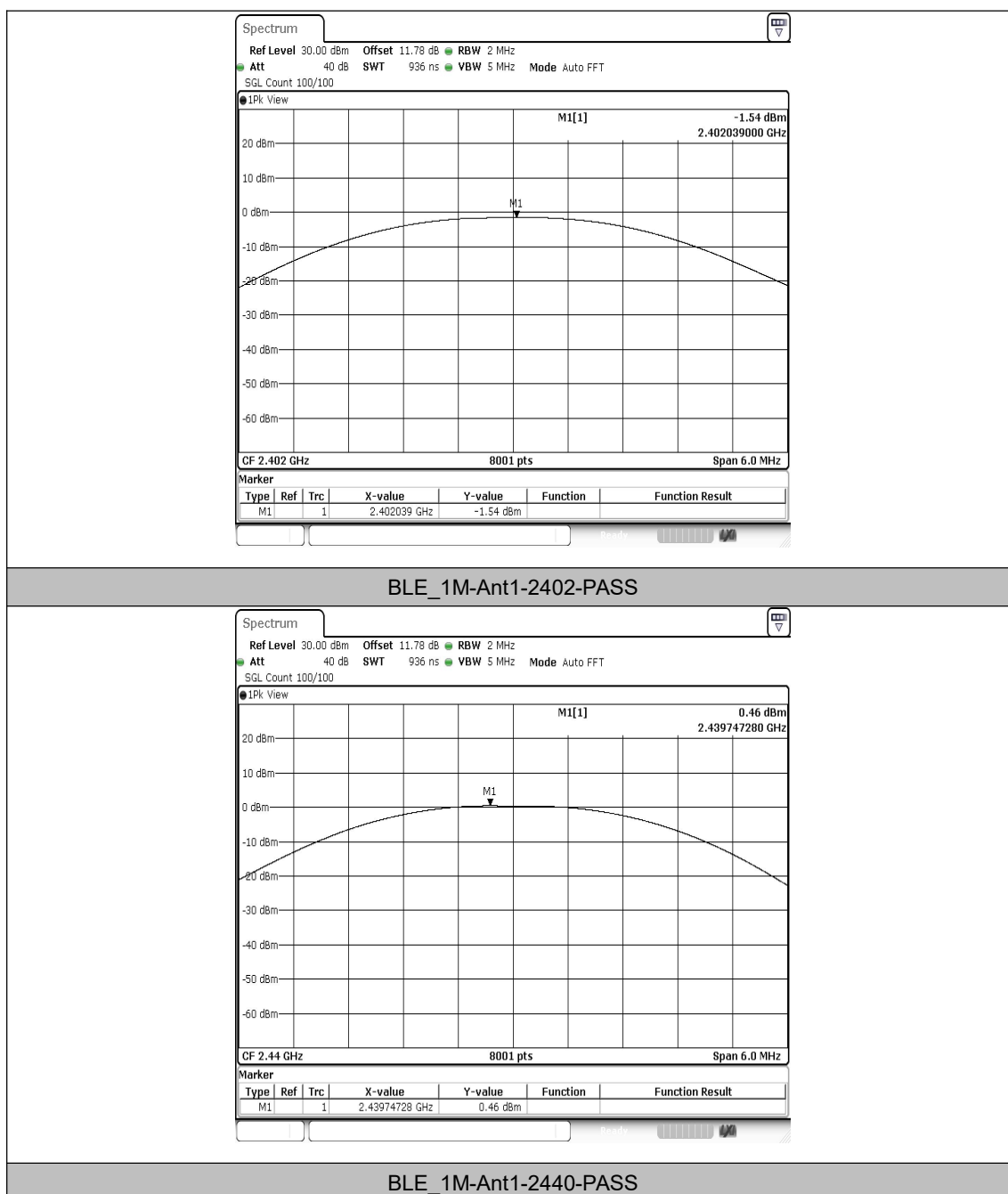


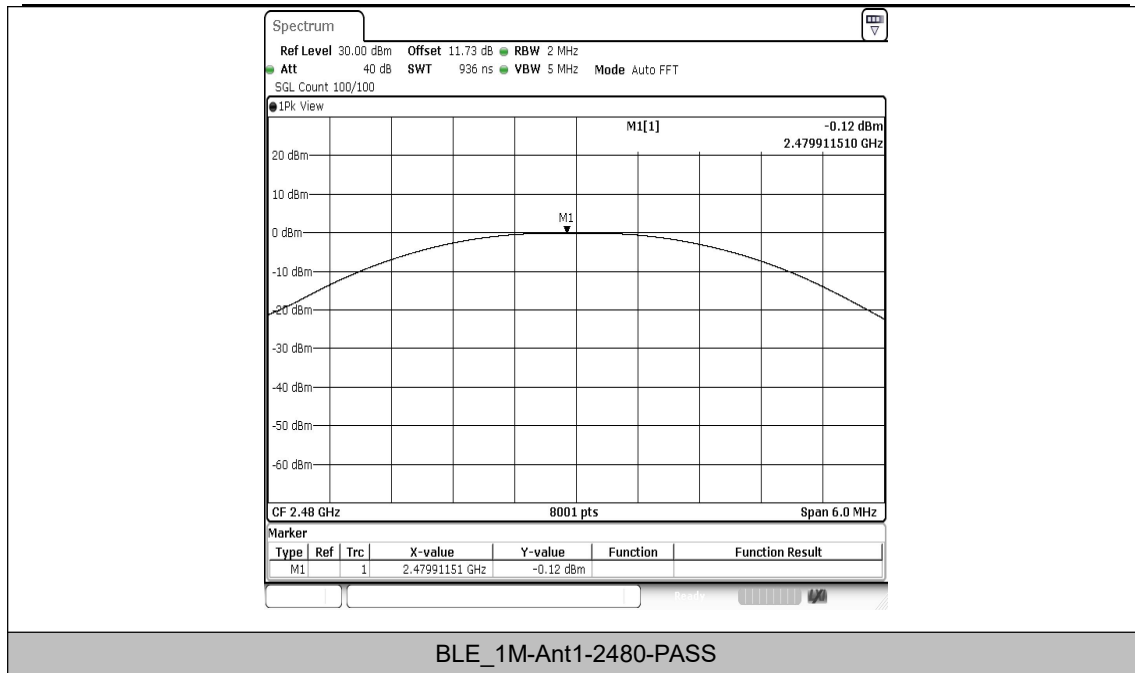
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.54	≤30	PASS
BLE_1M	Ant1	2440	0.46	≤30	PASS
BLE_1M	Ant1	2480	-0.12	≤30	PASS

Test Graphs Peak





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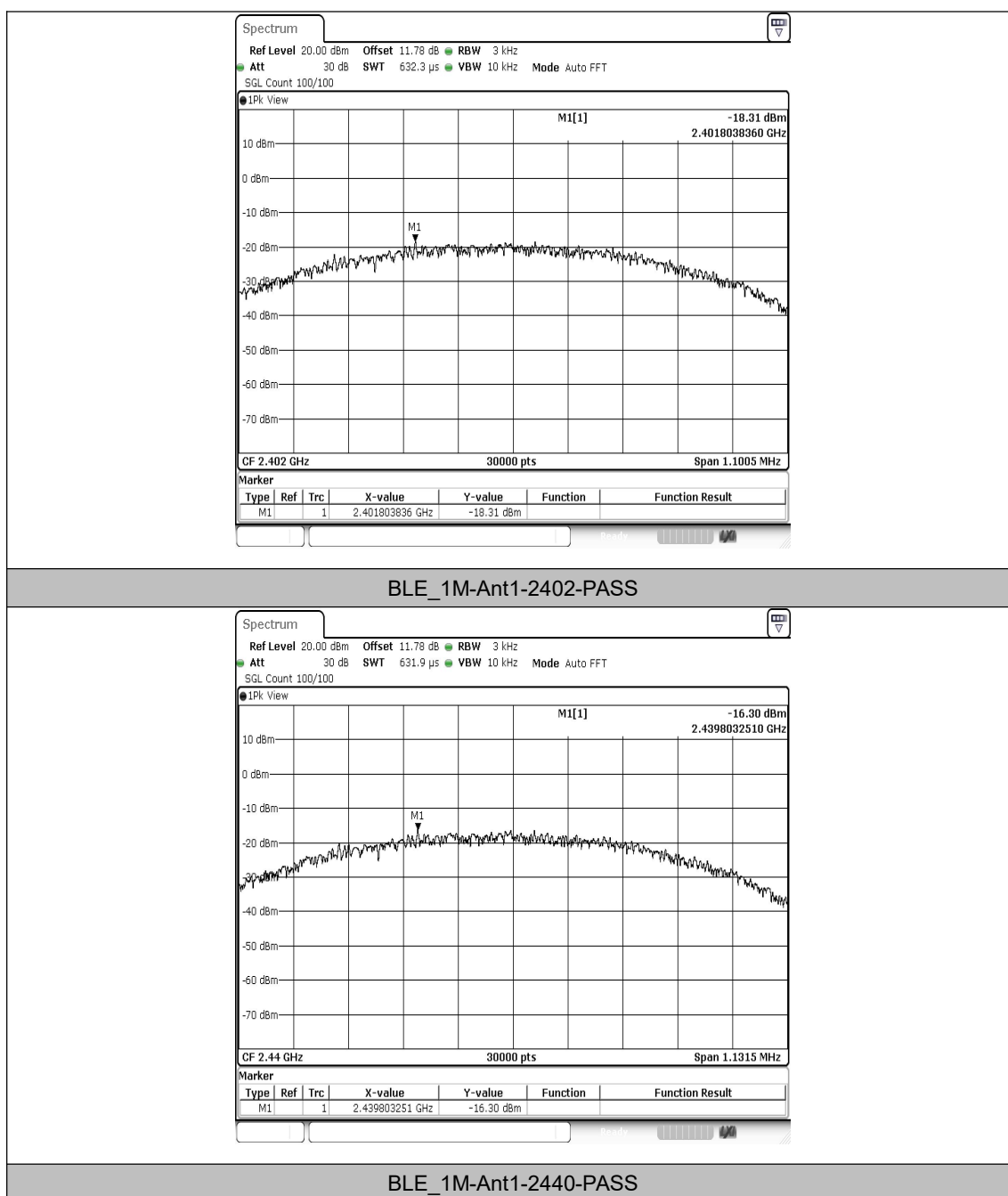


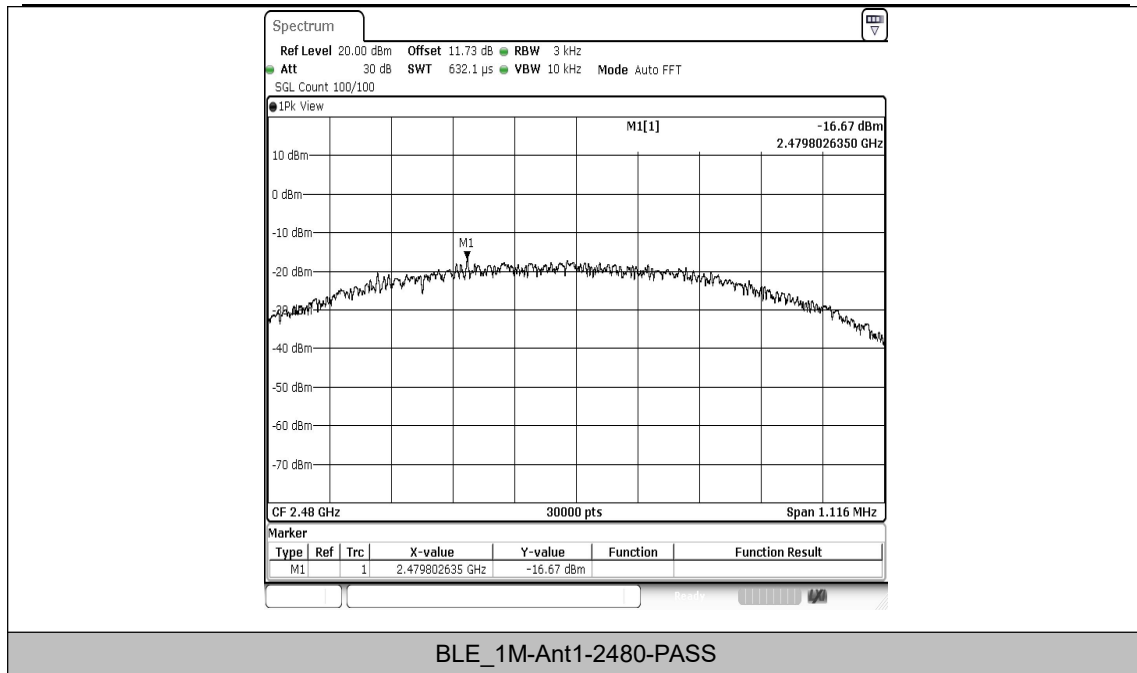
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.31	≤8.00	PASS
BLE_1M	Ant1	2440	-16.30	≤8.00	PASS
BLE_1M	Ant1	2480	-16.67	≤8.00	PASS

Test Graphs





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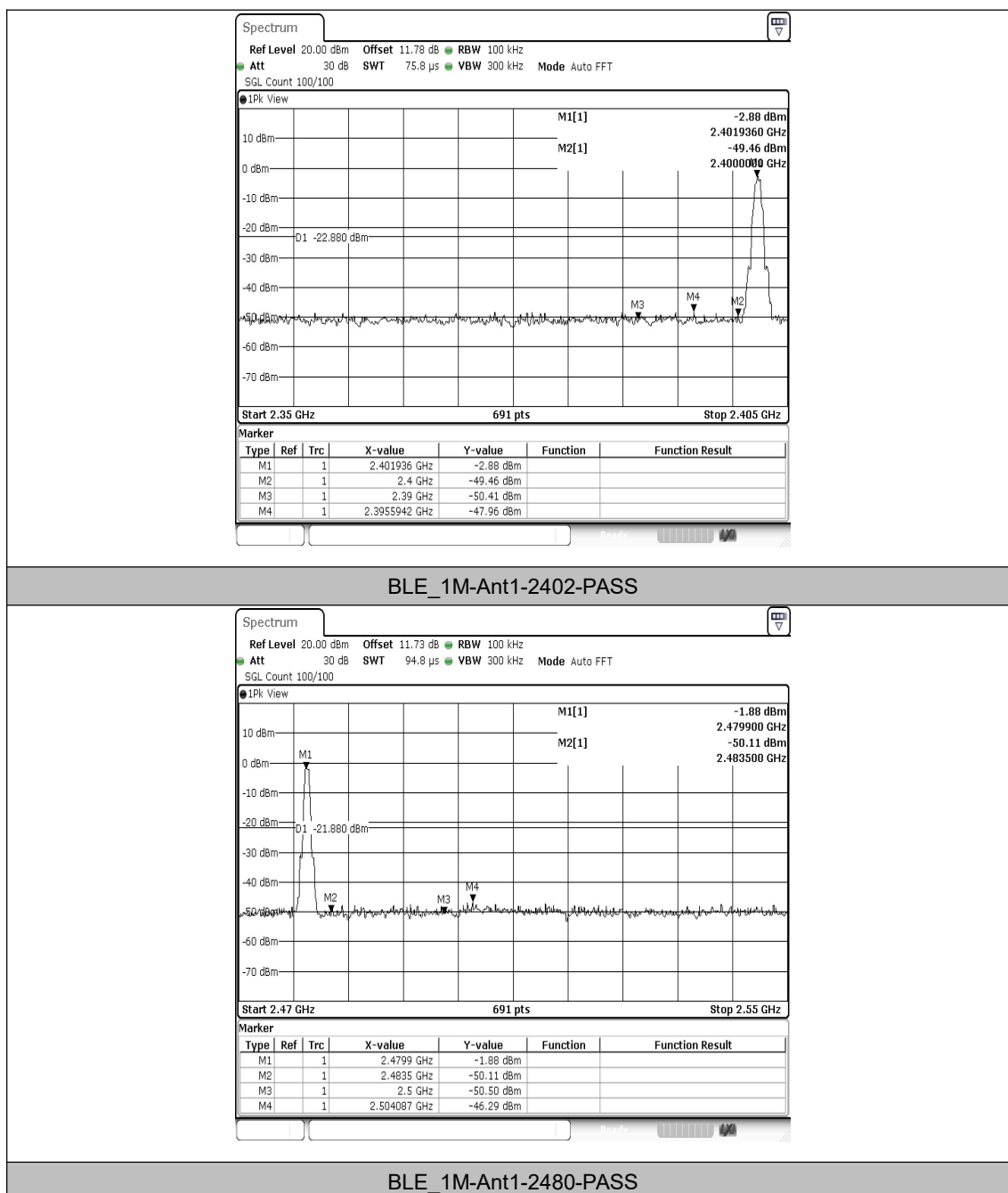


Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.88	-47.96	≤-22.88	PASS
BLE_1M	Ant1	High	2480	-1.88	-46.29	≤-21.88	PASS

Test Graphs

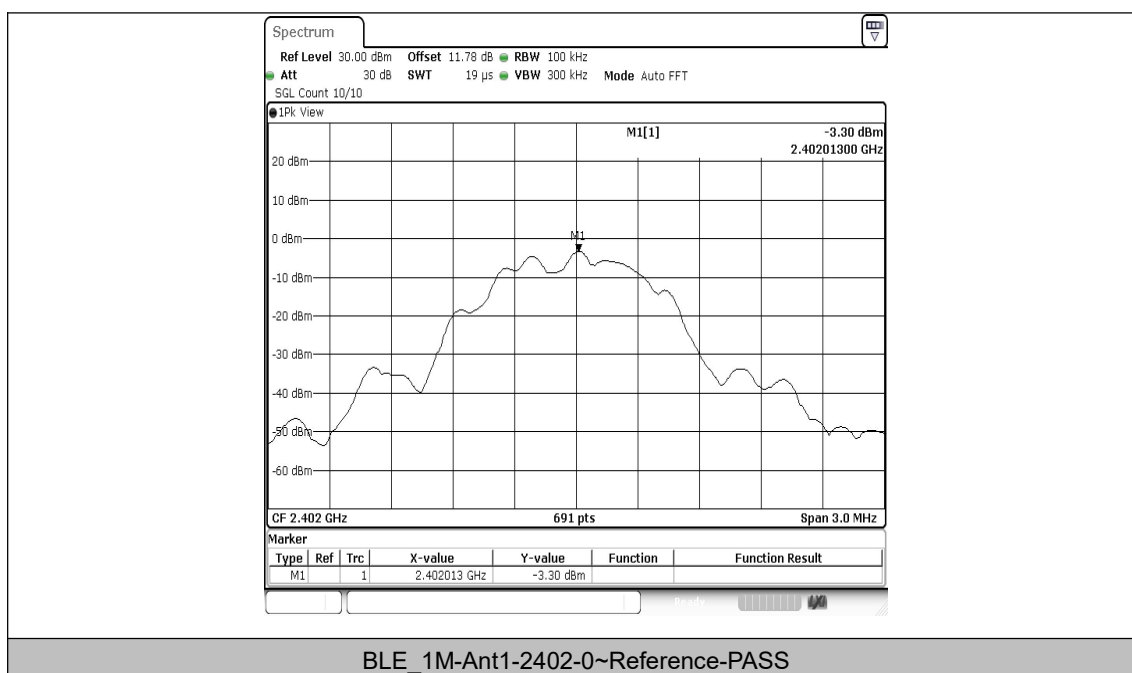


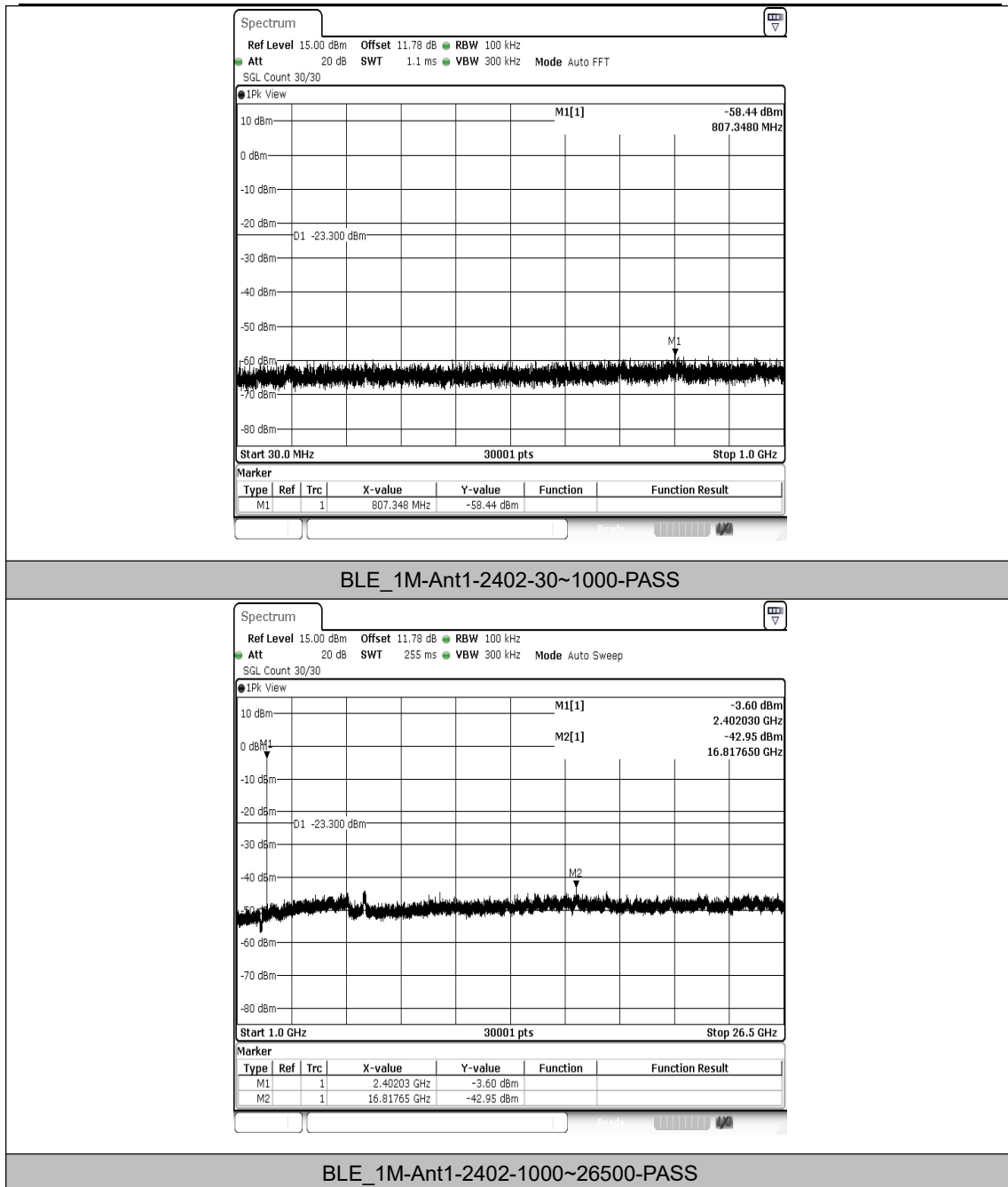
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-3.30	-3.30	---	PASS
BLE_1M	Ant1	2402	30~1000	-3.30	-58.44	≤-23.3	PASS
BLE_1M	Ant1	2402	1000~26500	-3.30	-42.95	≤-23.3	PASS
BLE_1M	Ant1	2440	0~Reference	-0.87	-0.87	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.87	-57.22	≤-20.87	PASS
BLE_1M	Ant1	2440	1000~26500	-0.87	-43.25	≤-20.87	PASS
BLE_1M	Ant1	2480	0~Reference	-1.85	-1.85	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.85	-57.74	≤-21.85	PASS
BLE_1M	Ant1	2480	1000~26500	-1.85	-43.46	≤-21.85	PASS

Test Graphs



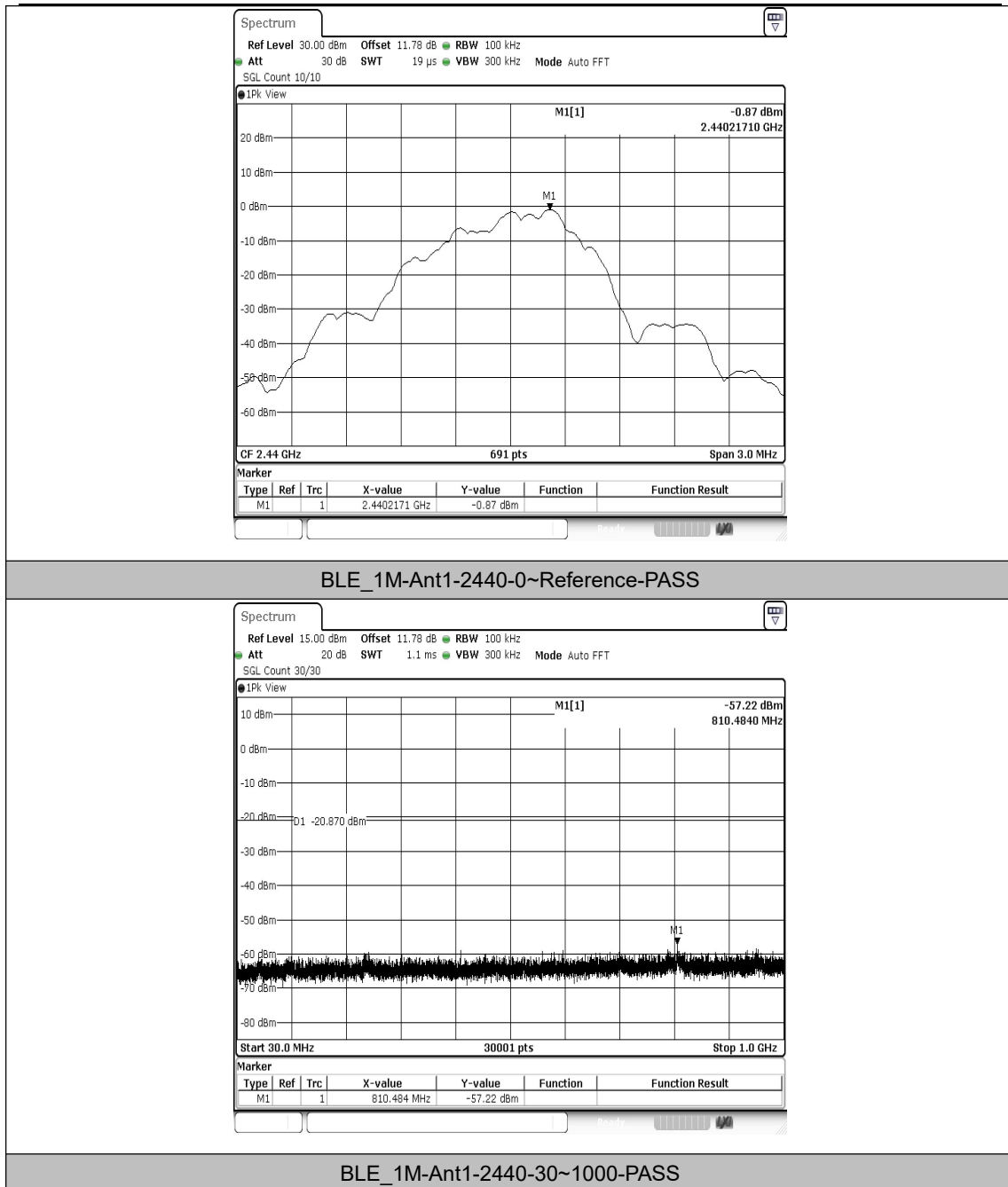


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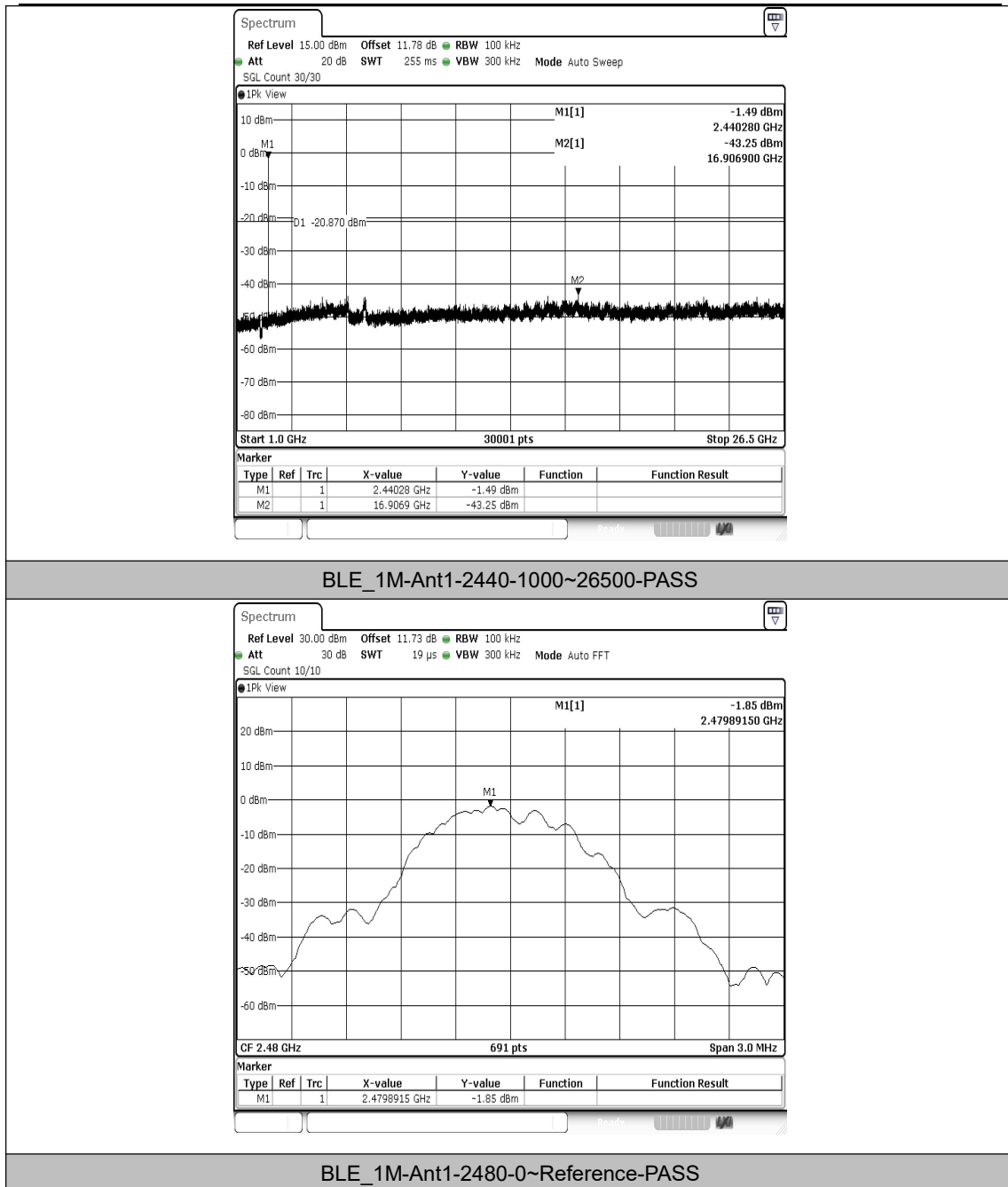
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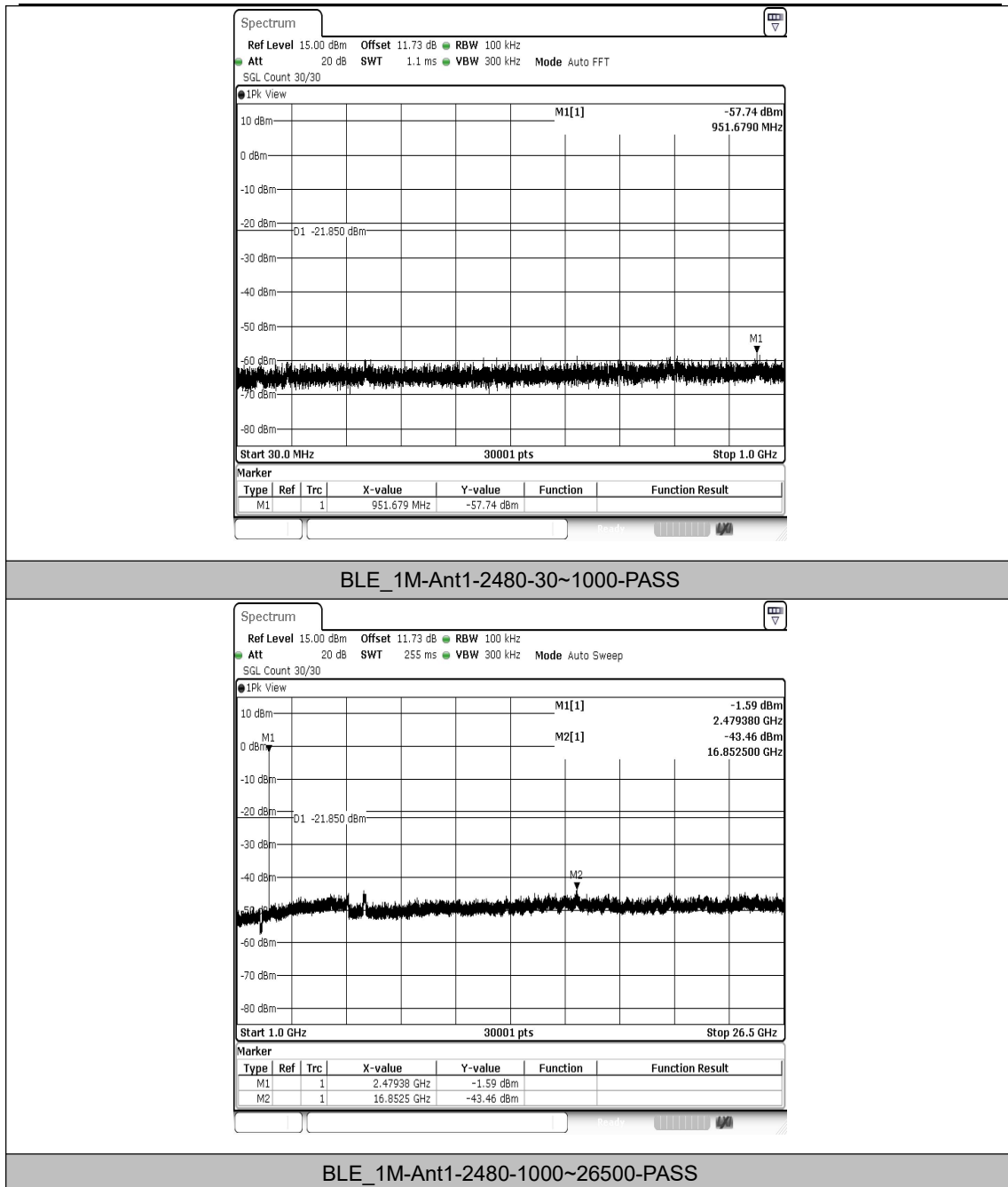


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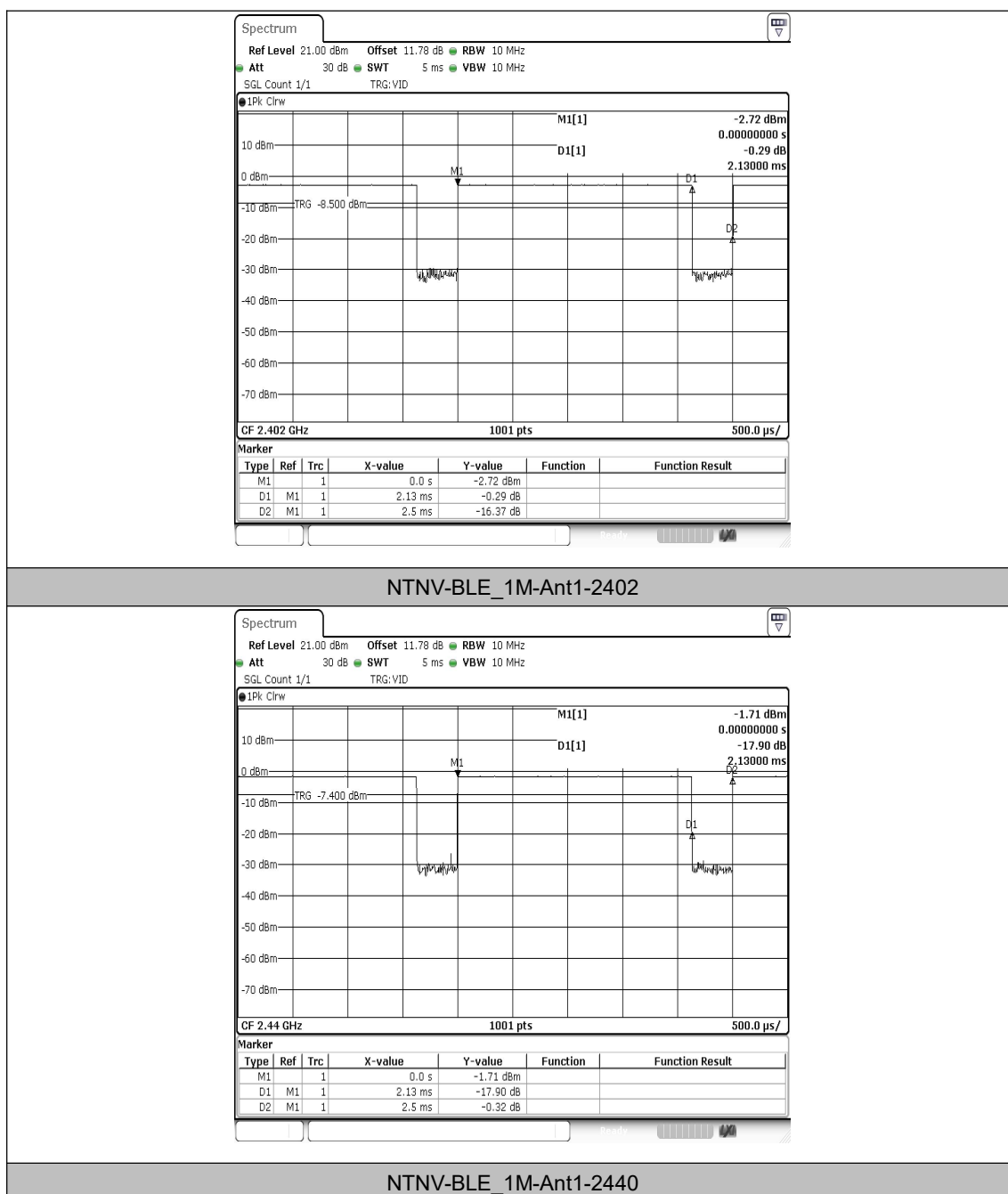


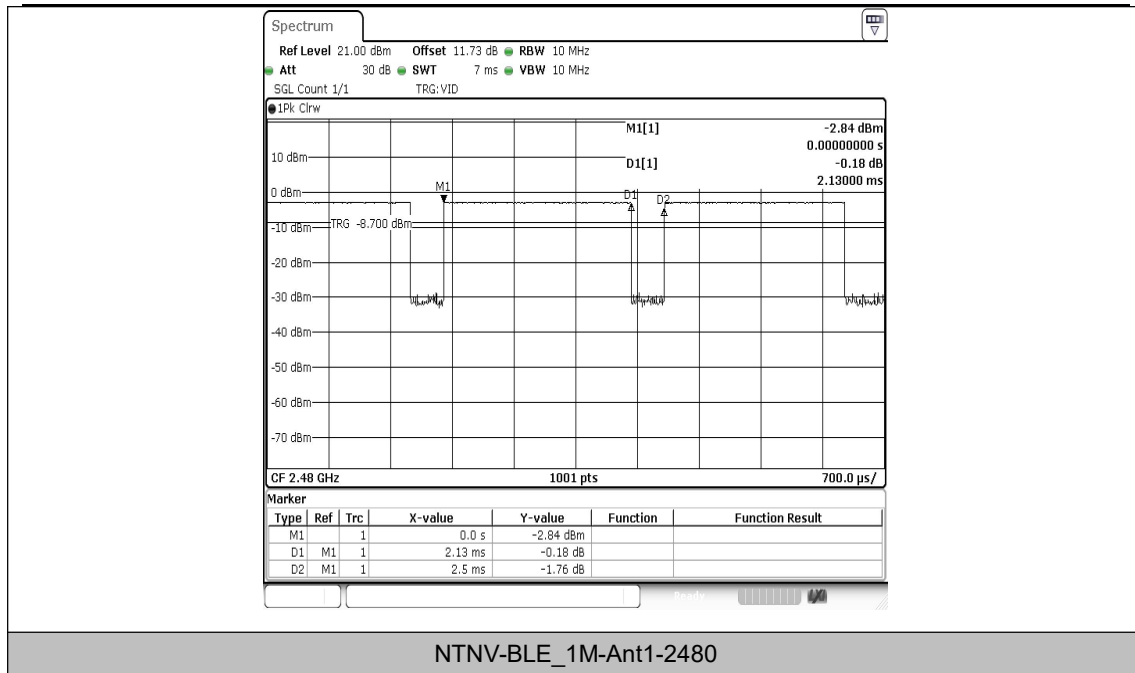
Appendix H: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70

Test Graphs





---END---

