

Appendix Test Data

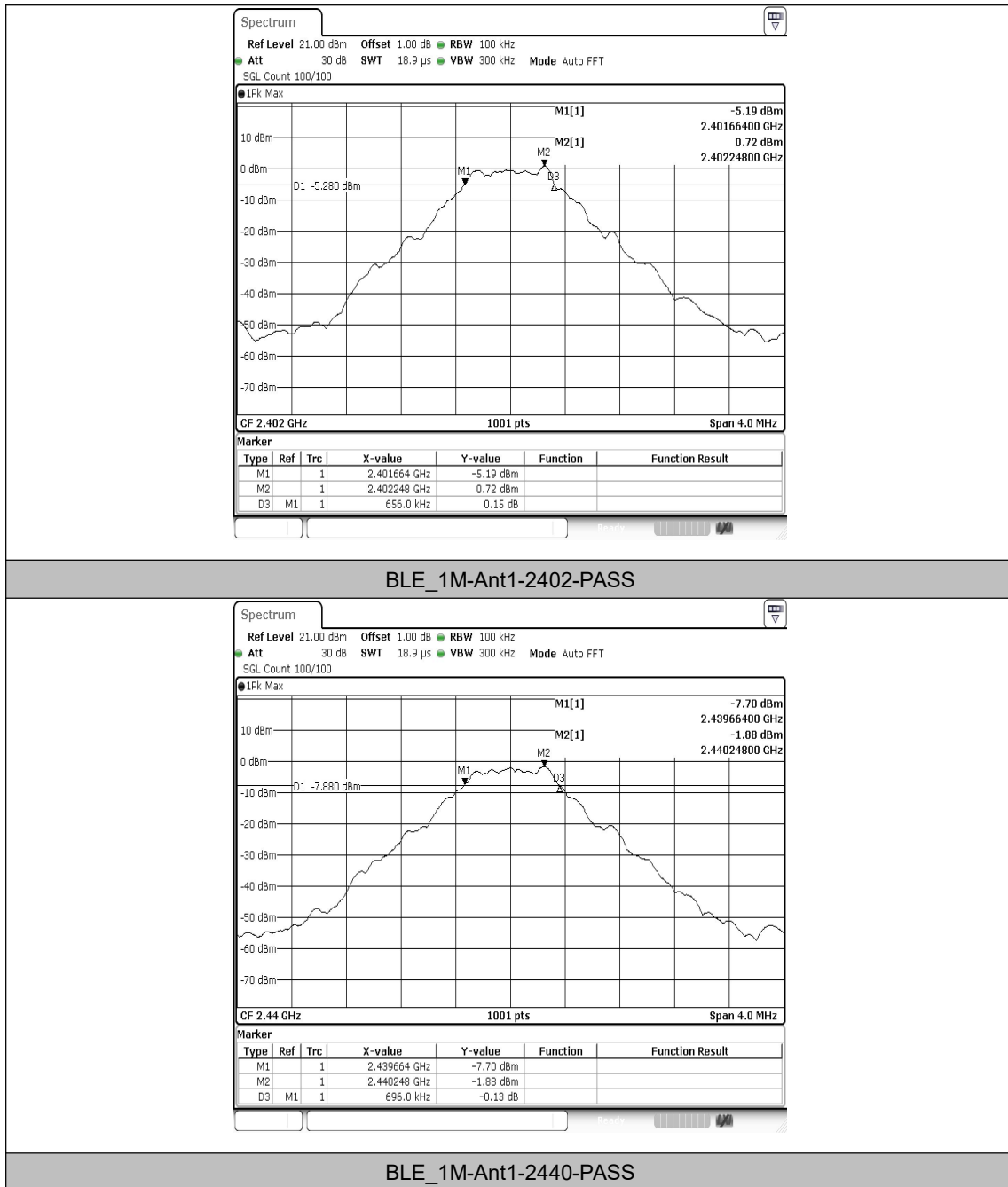
Report No.:	1812C50264812504	Test Sample No.:	1-2-2
Start Test Date:	2025-6-04	Finish Test Date:	2025-6-30
Test Engineer:	Hansen Guan	Auditor:	Justin Feng
Temperature:	26.1°C	Relative Humidity:	48%
Pressure:	101kPa		

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	0.66	2401.66	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.70	2439.66	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.74	2479.64	2480.38	0.5	PASS

Test Graphs

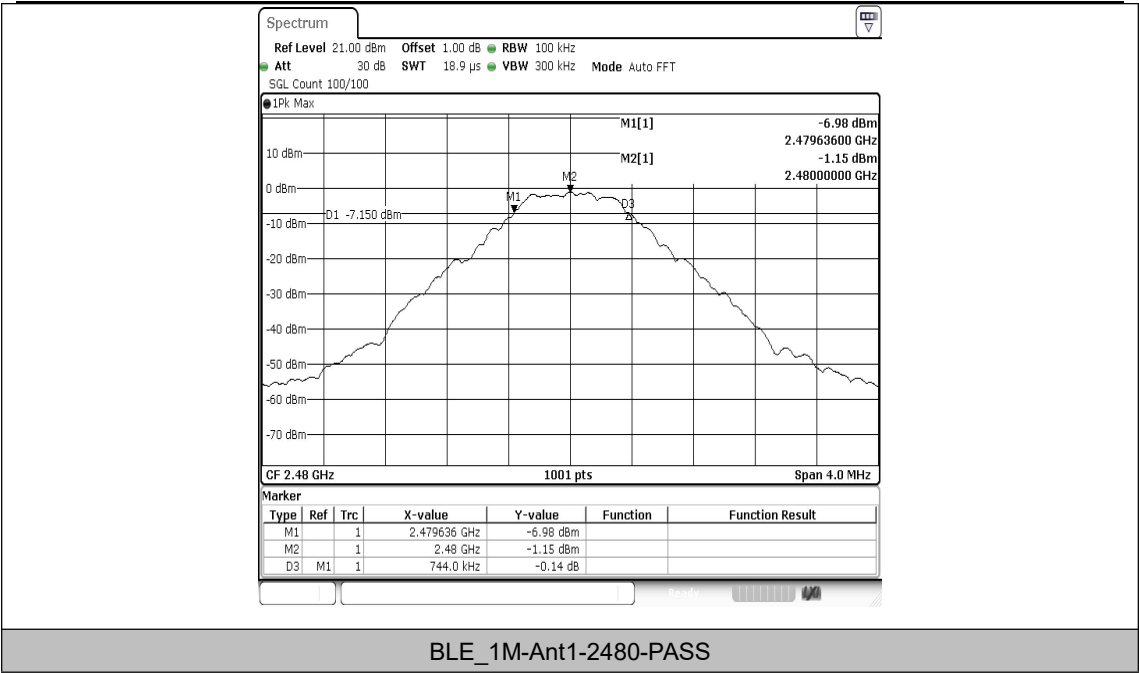


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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.89111	2401.5604	2402.4515	---	---
BLE_1M	Ant1	2440	0.88312	2439.5644	2440.4476	---	---
BLE_1M	Ant1	2480	0.89910	2479.5524	2480.4515	---	---

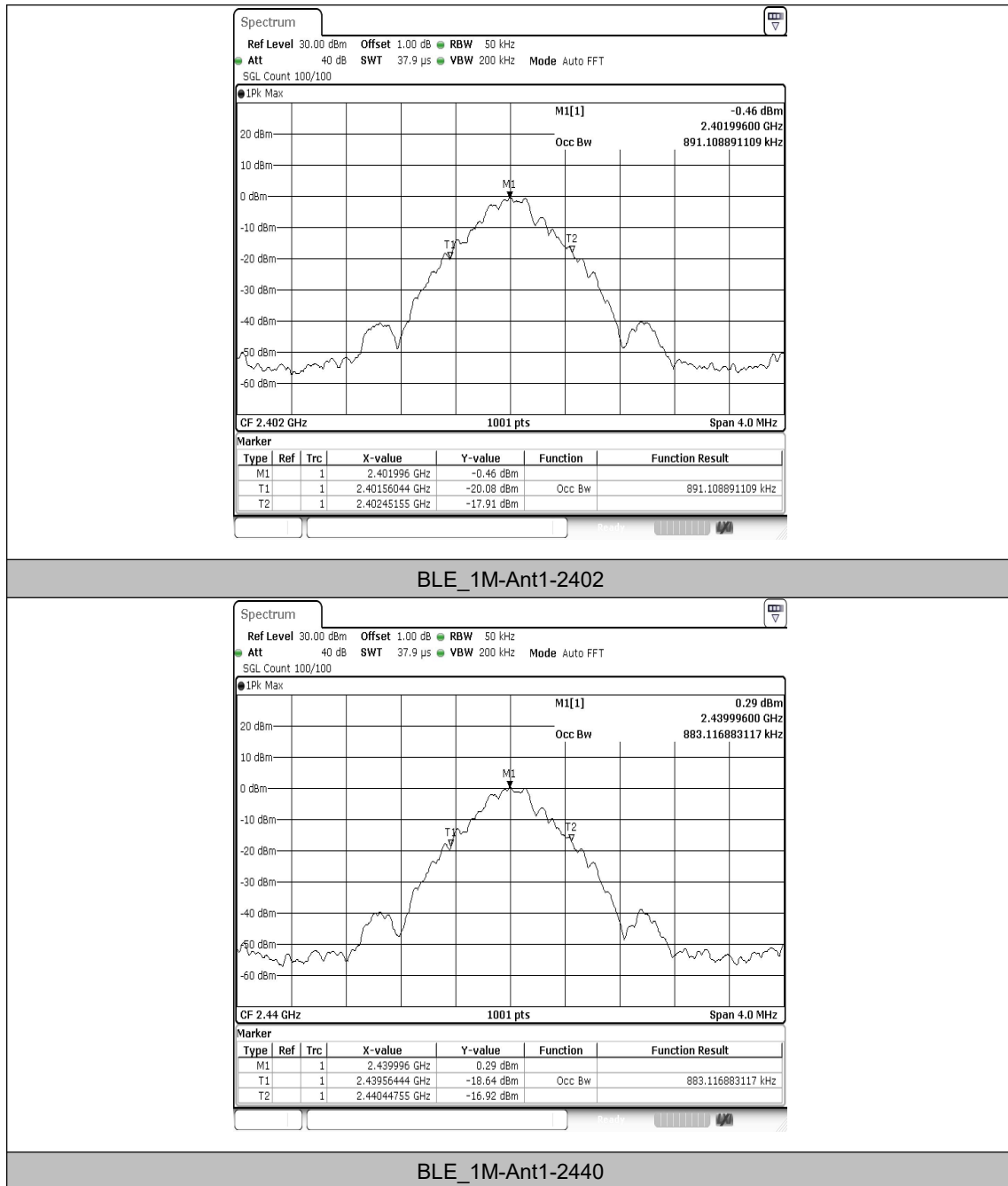
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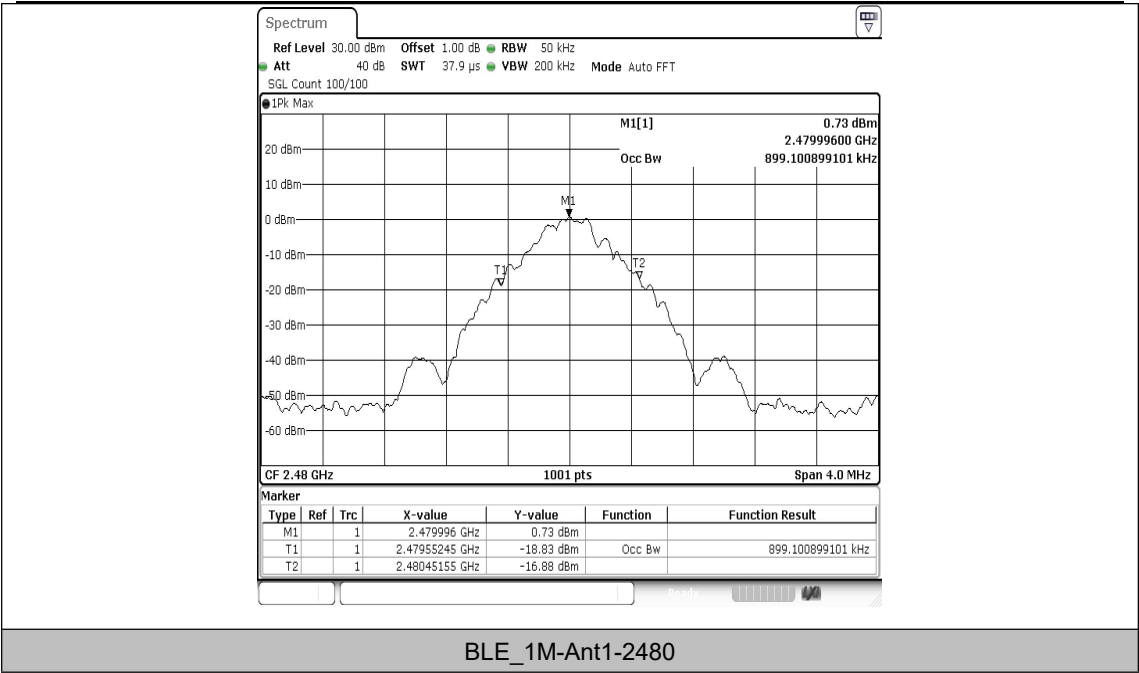
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Test Graphs





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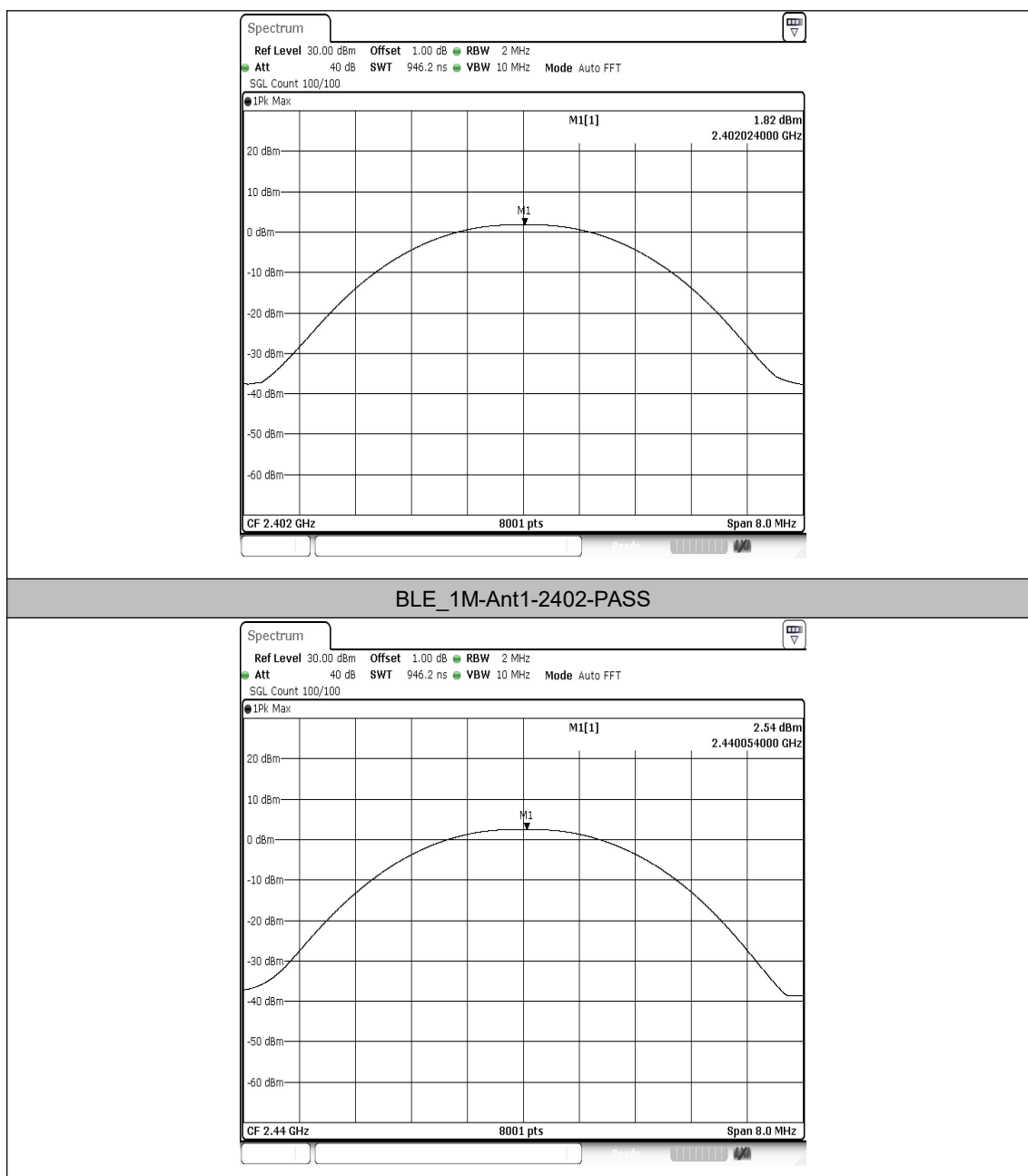
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.82	≤30	PASS
BLE_1M	Ant1	2440	2.54	≤30	PASS
BLE_1M	Ant1	2480	2.96	≤30	PASS

Test Graphs Peak



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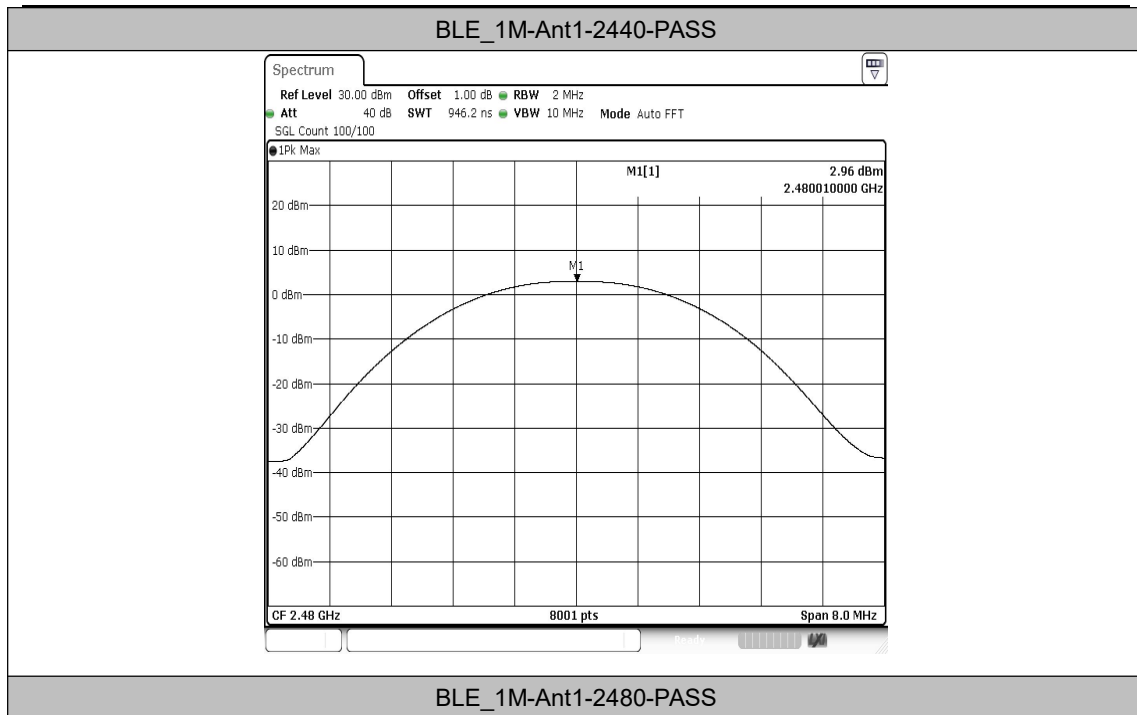
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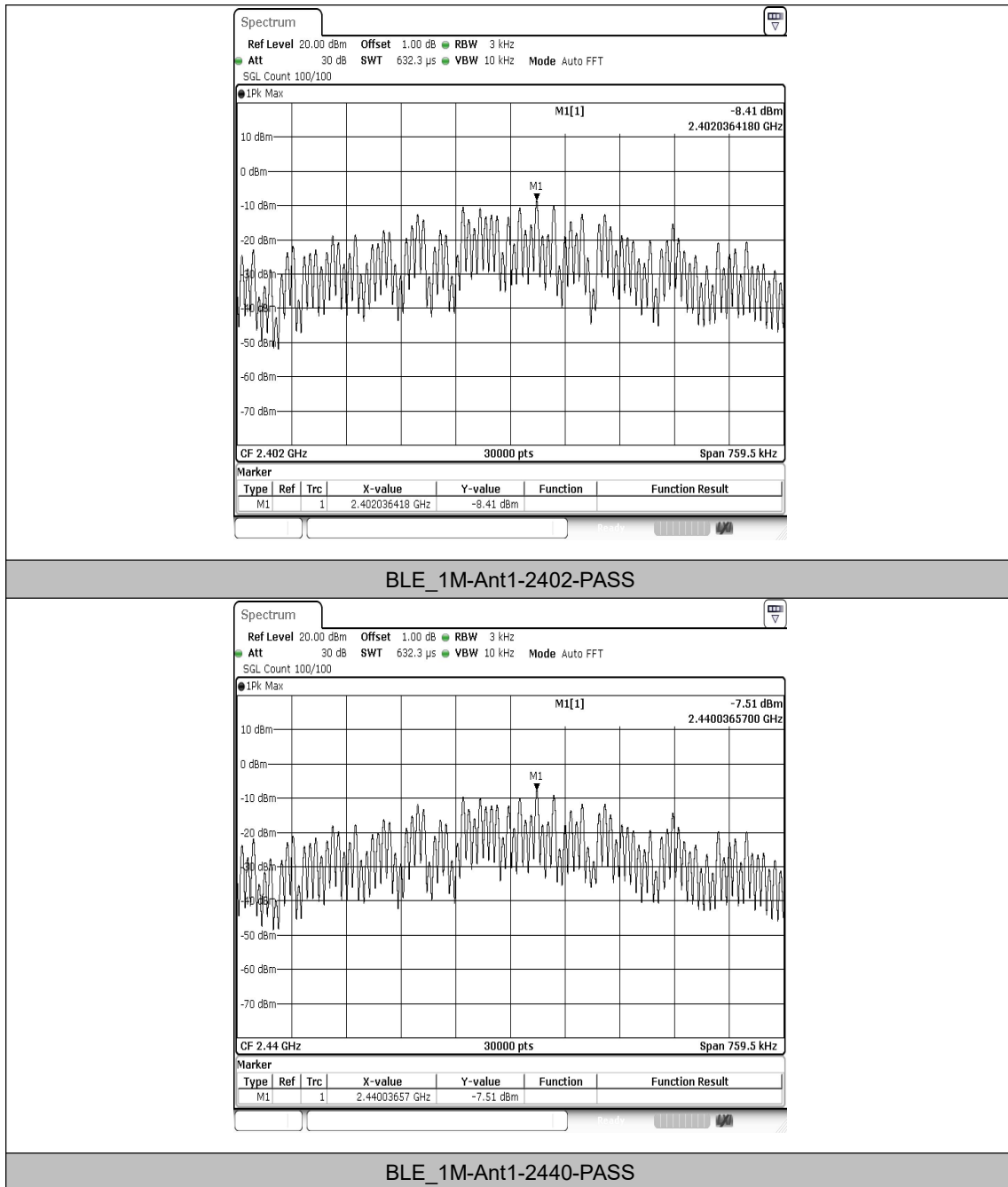
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.41	≤8.00	PASS
BLE_1M	Ant1	2440	-7.51	≤8.00	PASS
BLE_1M	Ant1	2480	-7.29	≤8.00	PASS

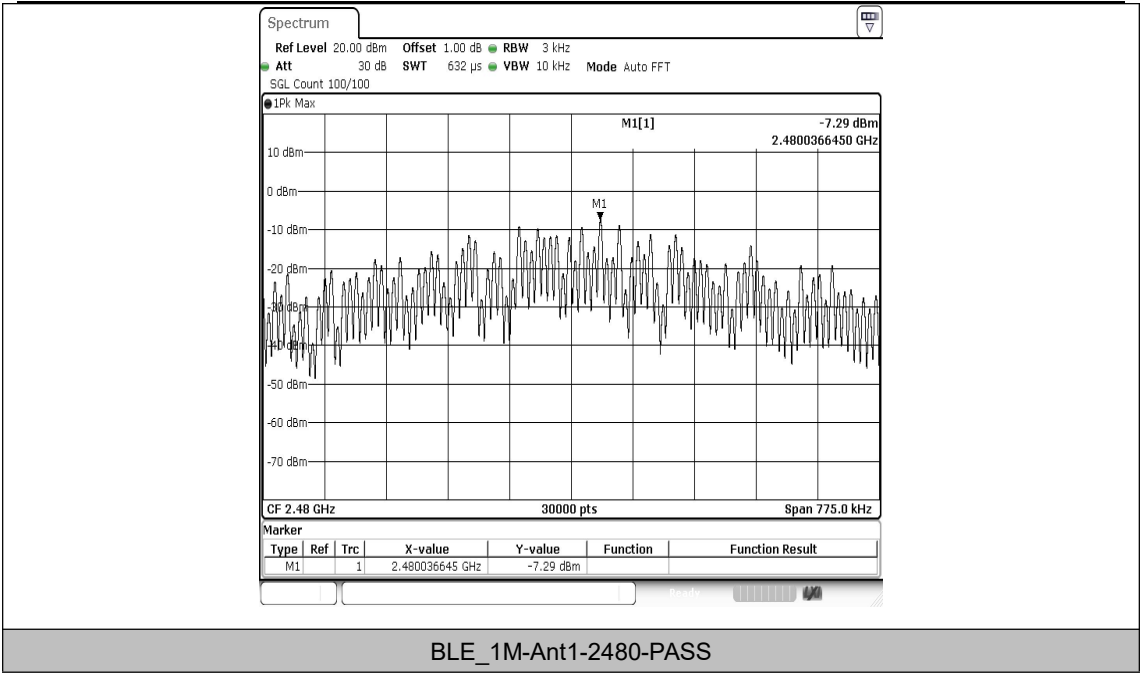
Test Graphs



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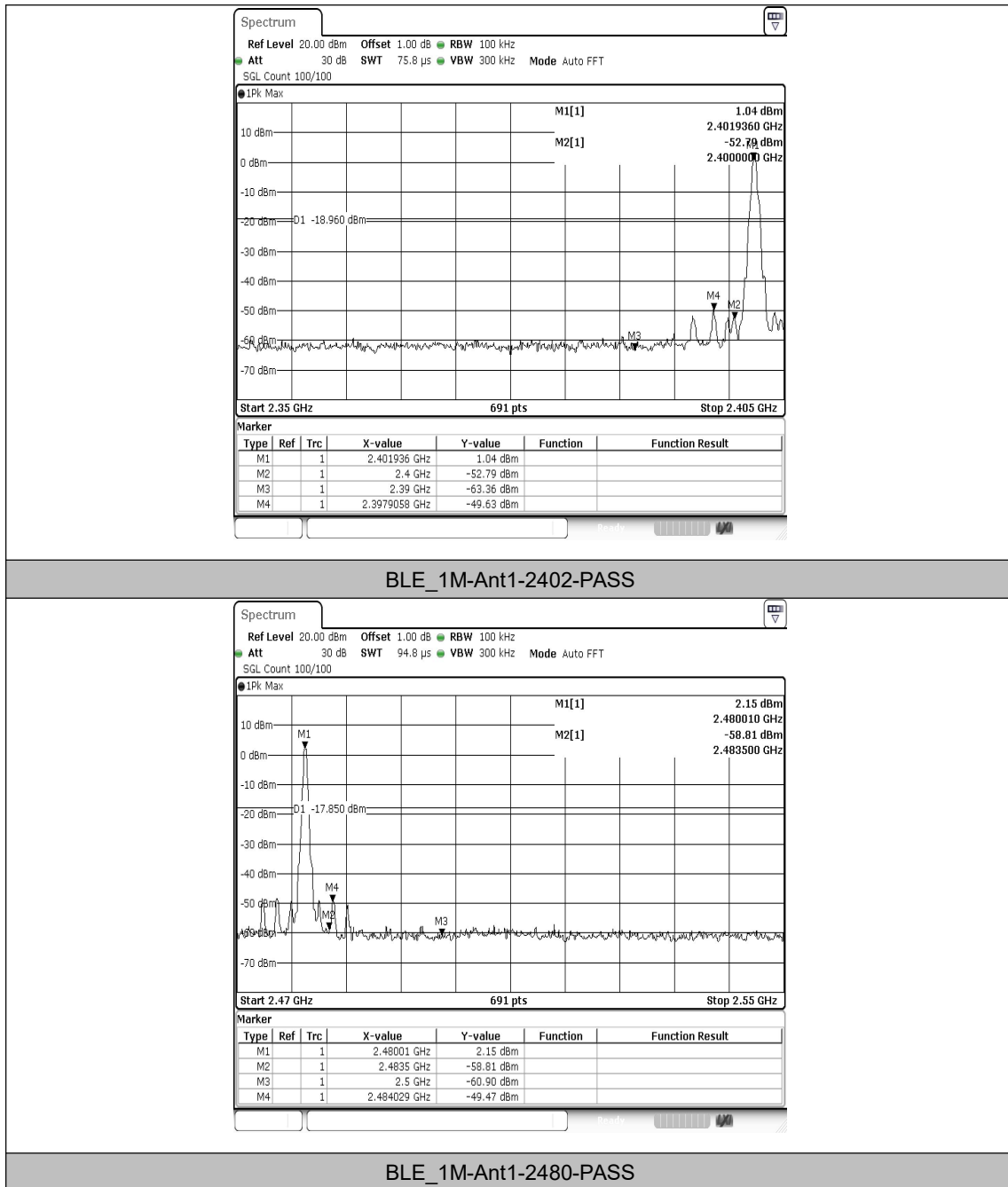
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.04	-49.63	≤-18.96	PASS
BLE_1M	Ant1	High	2480	2.15	-49.47	≤-17.85	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs



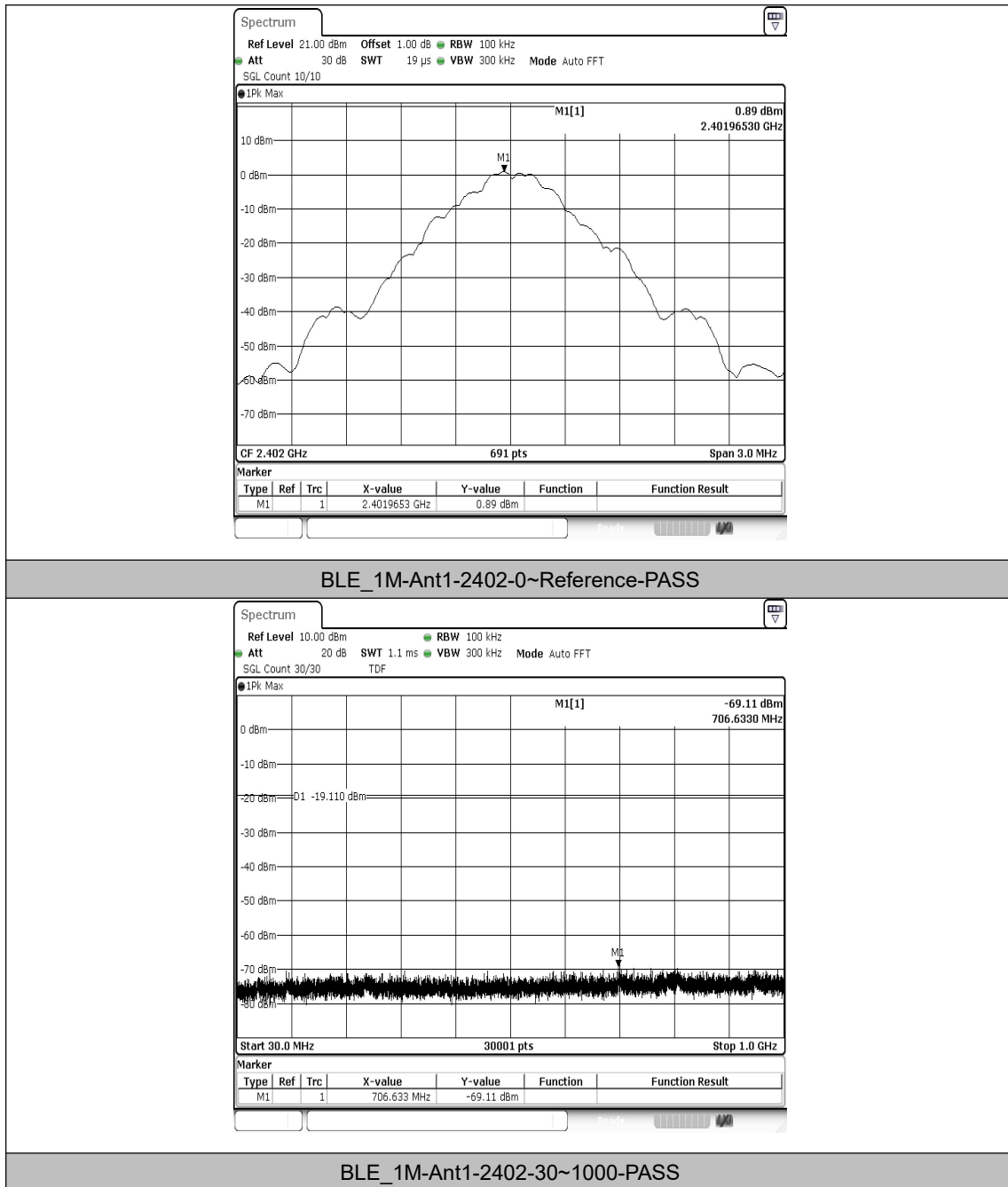
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.89	0.89	---	PASS
BLE_1M	Ant1	2402	30~1000	0.89	-69.11	≤-19.11	PASS
BLE_1M	Ant1	2402	1000~26500	0.89	-54.14	≤-19.11	PASS
BLE_1M	Ant1	2440	0~Reference	1.09	1.09	---	PASS
BLE_1M	Ant1	2440	30~1000	1.09	-68.72	≤-18.91	PASS
BLE_1M	Ant1	2440	1000~26500	1.09	-54.11	≤-18.91	PASS
BLE_1M	Ant1	2480	0~Reference	1.89	1.89	---	PASS
BLE_1M	Ant1	2480	30~1000	1.89	-68.23	≤-18.11	PASS
BLE_1M	Ant1	2480	1000~26500	1.89	-51.88	≤-18.11	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

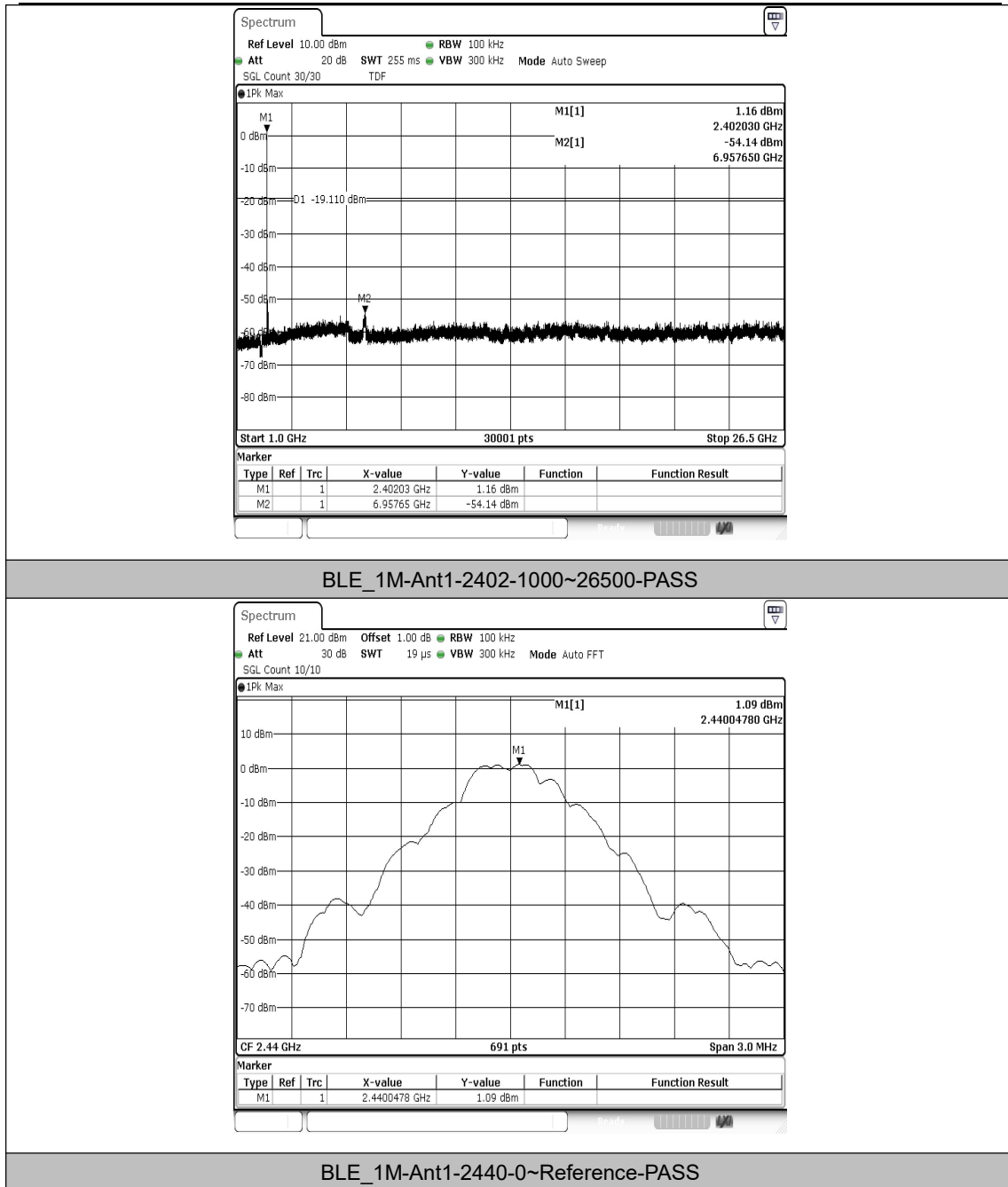
Test Graphs



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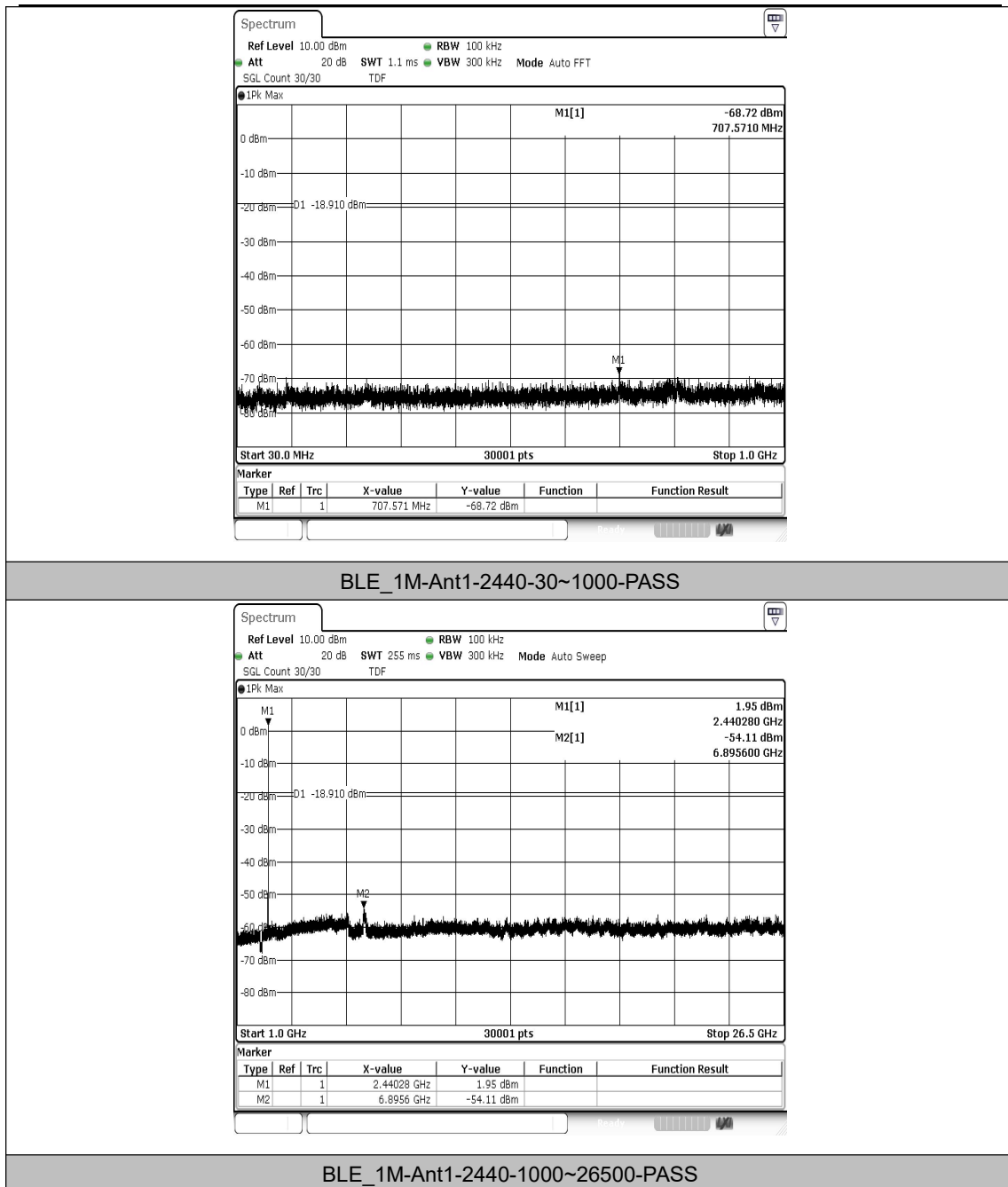
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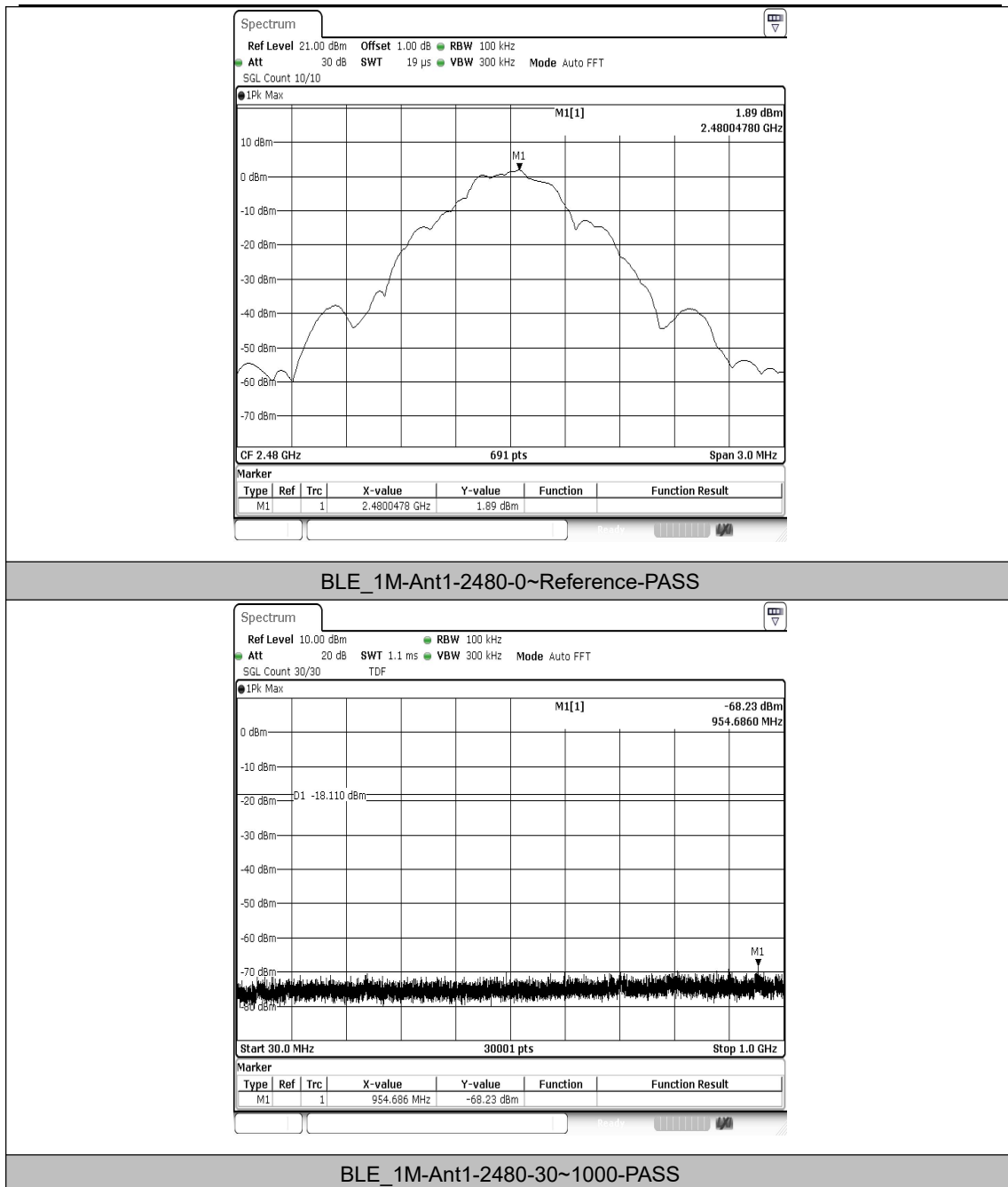
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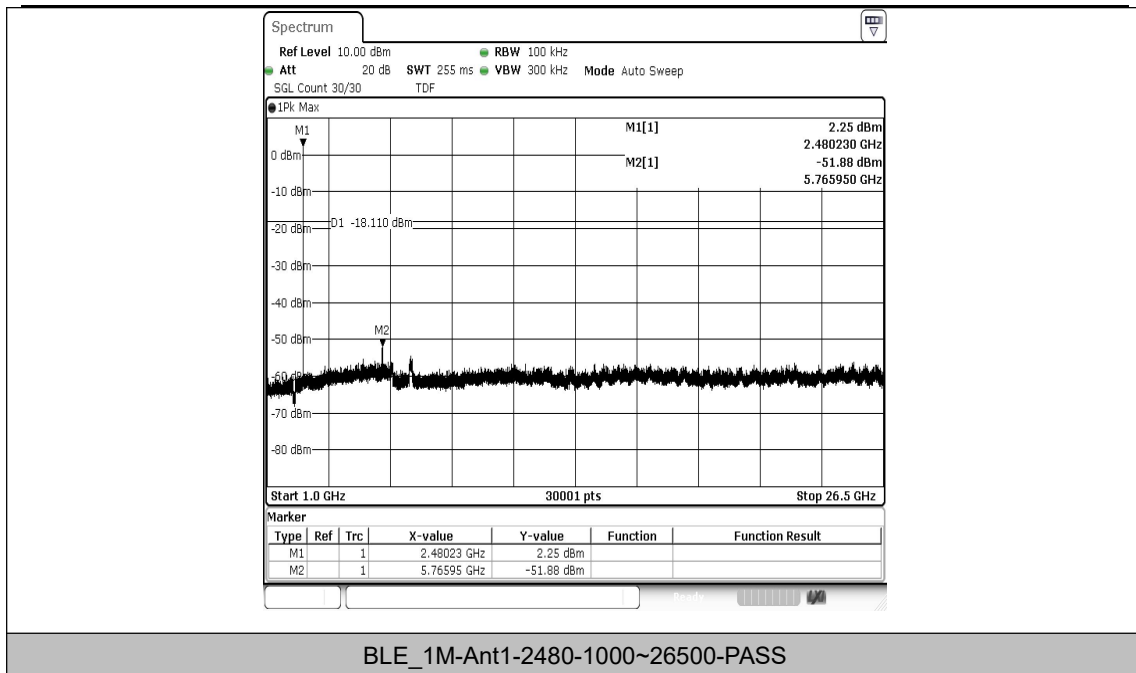
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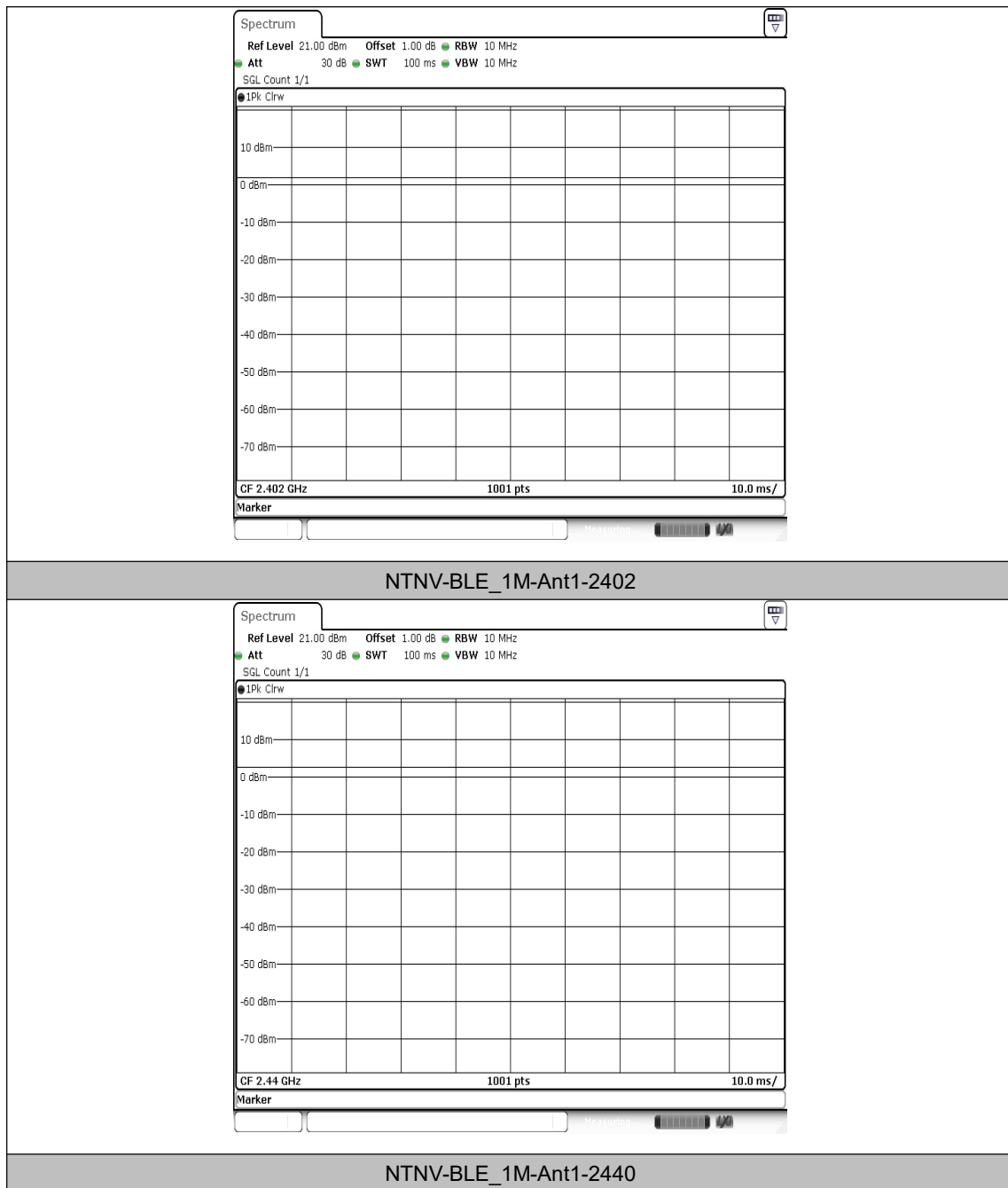
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00



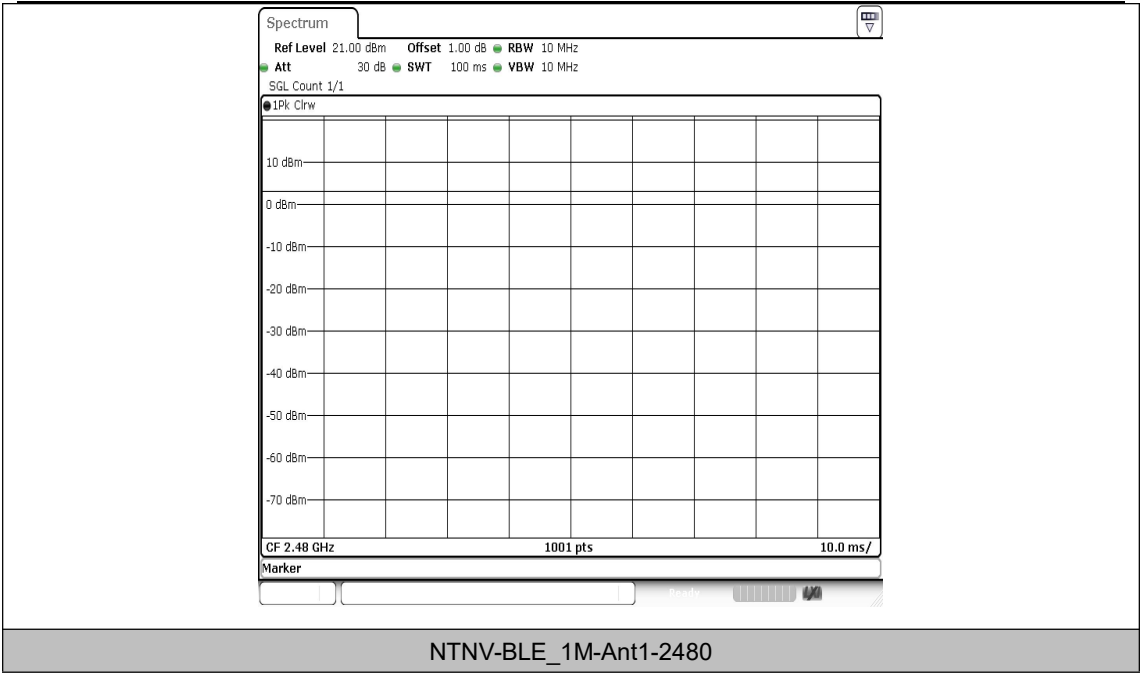
Test Graphs



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