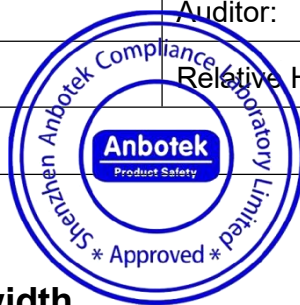


Appendix Test Data

Report No.:	1812C50353212502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-7-21	Finish Test Date:	2025-8-19
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.5°C	Relative Humidity:	53%
Pressure:	101kPa		

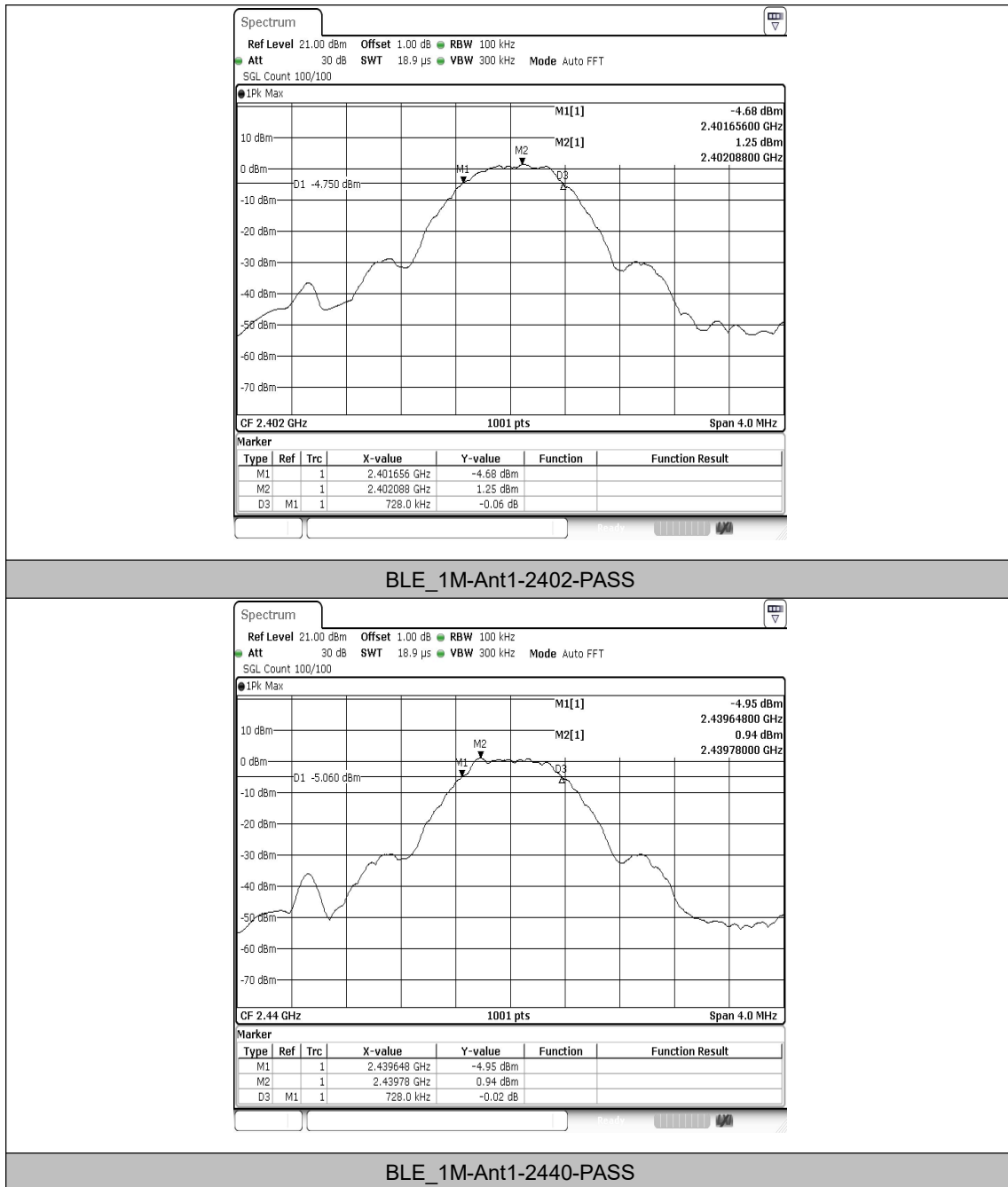


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.73	2401.66	2402.38	0.5	PASS
BLE_1M	Ant1	2440	0.73	2439.65	2440.38	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.69	2480.34	0.5	PASS

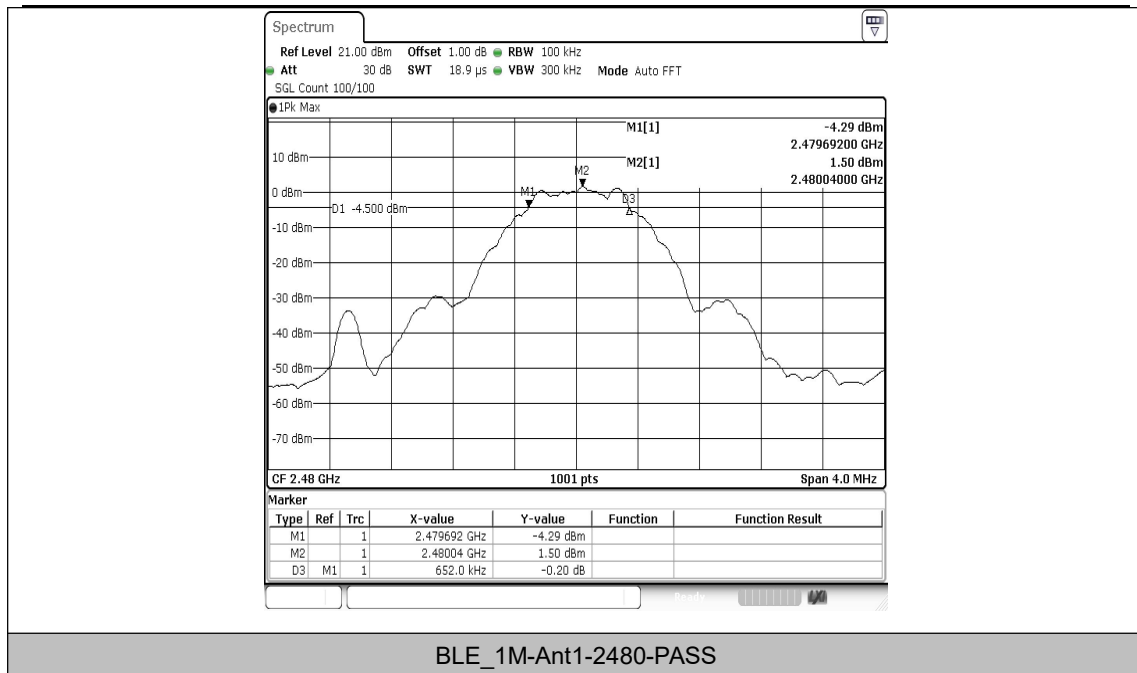
Test Graphs



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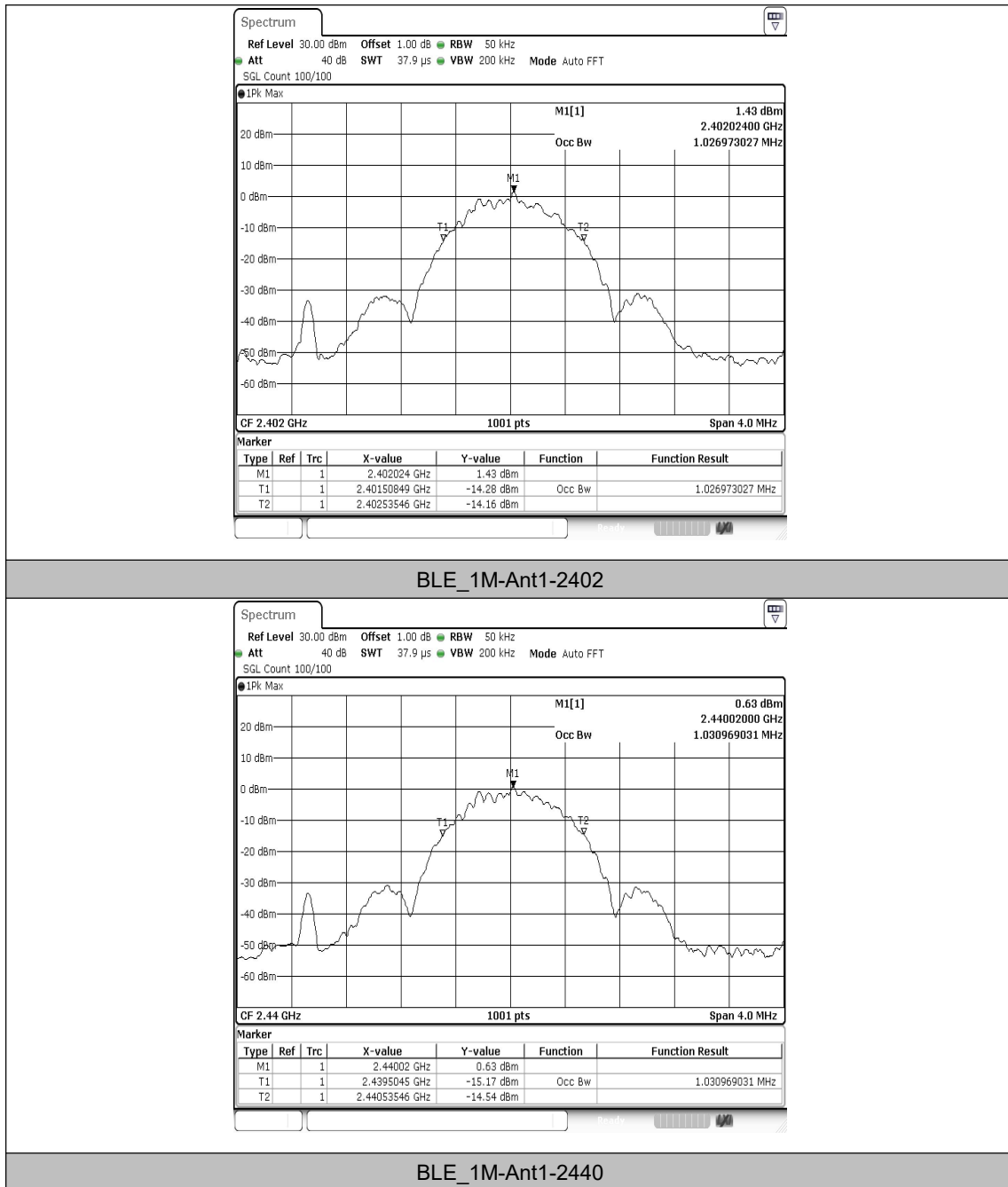
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0270	2401.5085	2402.5355	---	---
BLE_1M	Ant1	2440	1.0310	2439.5045	2440.5355	---	---
BLE_1M	Ant1	2480	1.0270	2479.5085	2480.5355	---	---

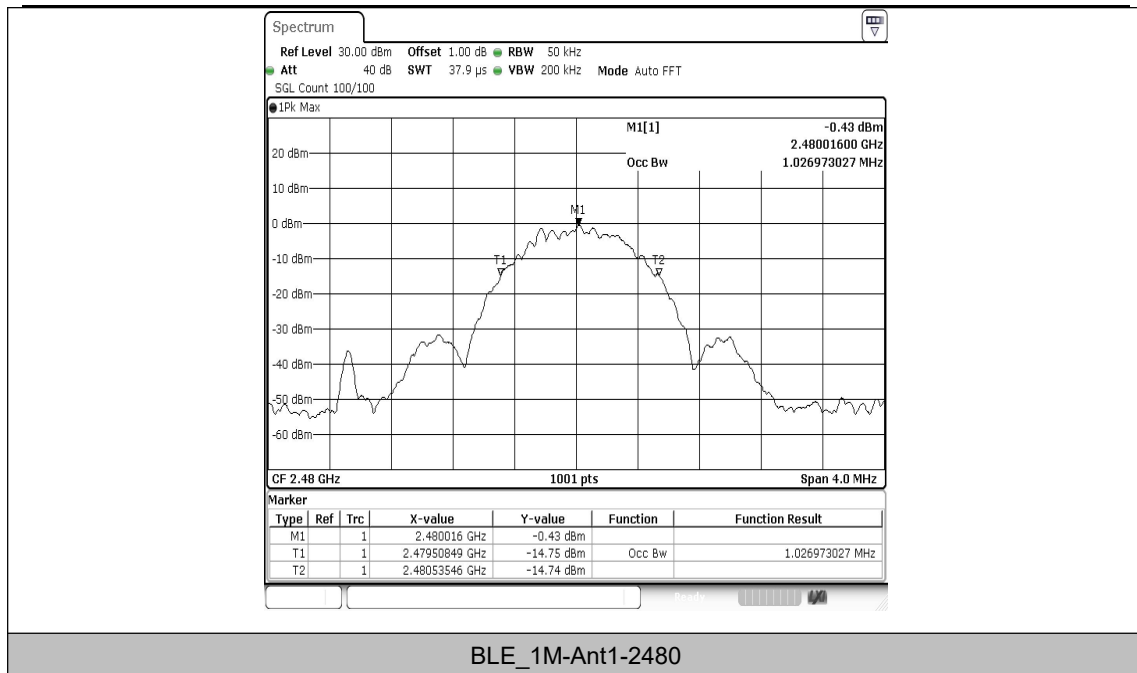
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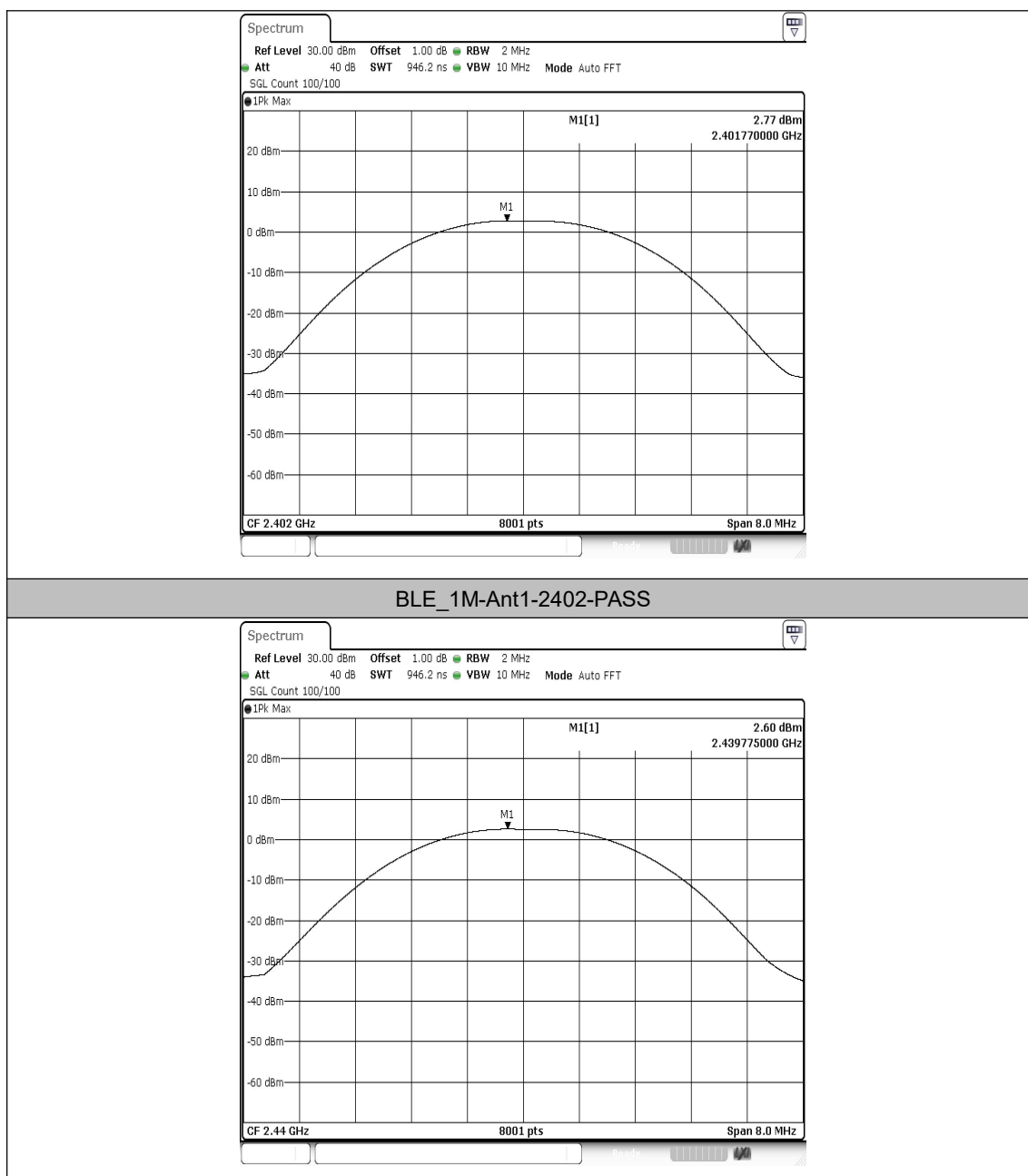
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.77	≤30	PASS
BLE_1M	Ant1	2440	2.60	≤30	PASS
BLE_1M	Ant1	2480	1.97	≤30	PASS

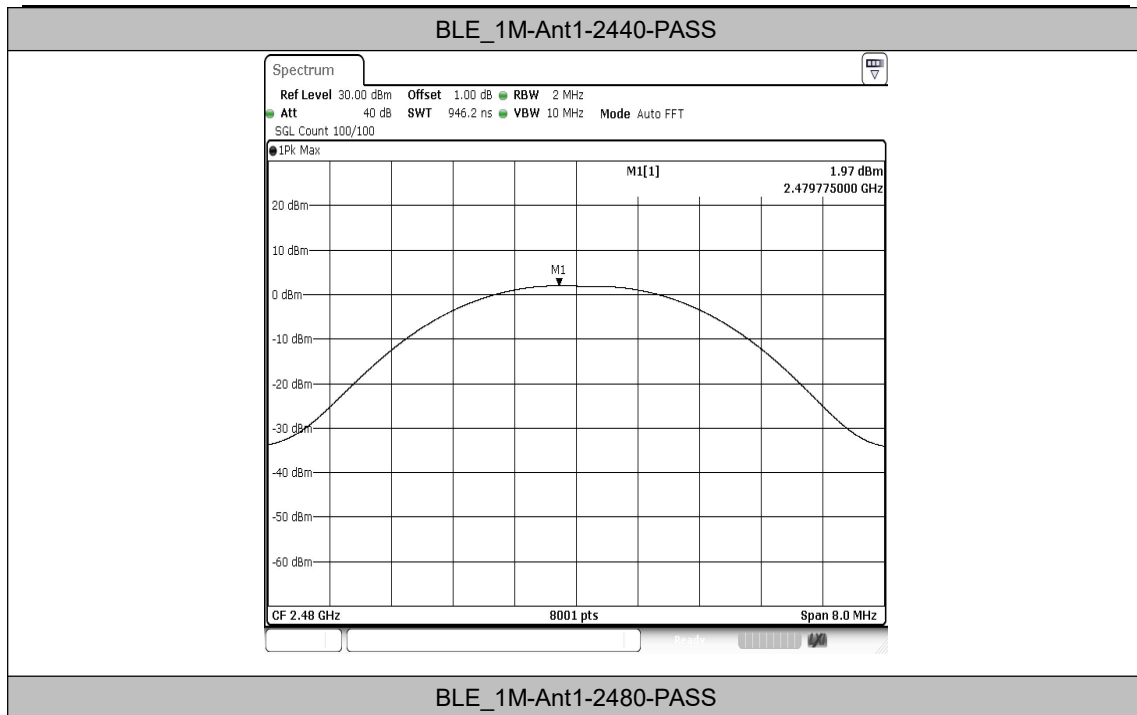
Test Graphs Peak



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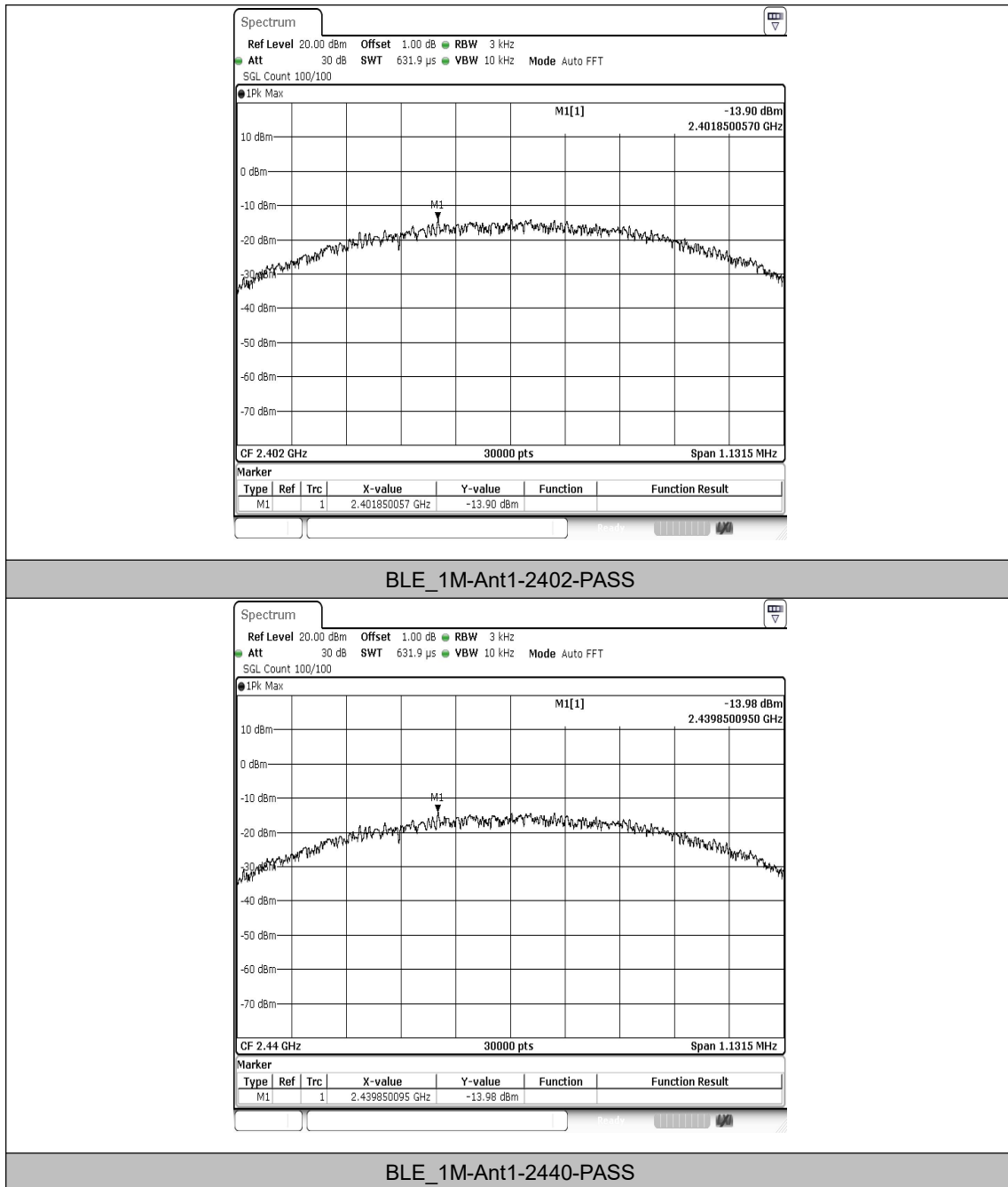
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.90	≤8.00	PASS
BLE_1M	Ant1	2440	-13.98	≤8.00	PASS
BLE_1M	Ant1	2480	-14.68	≤8.00	PASS

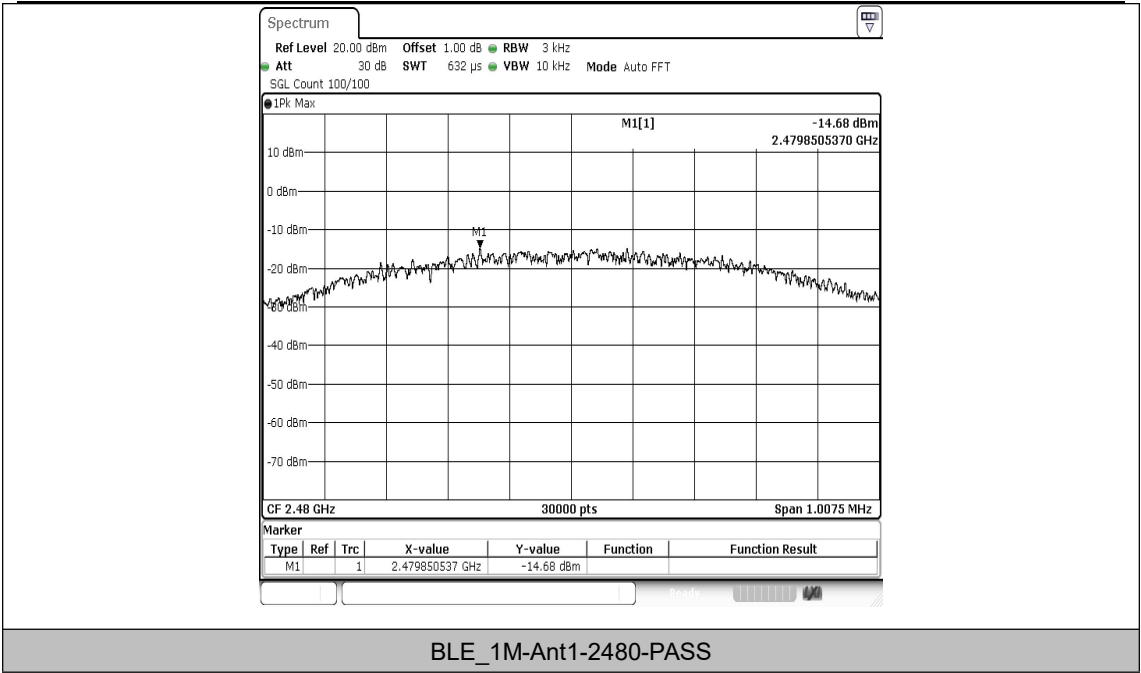
Test Graphs



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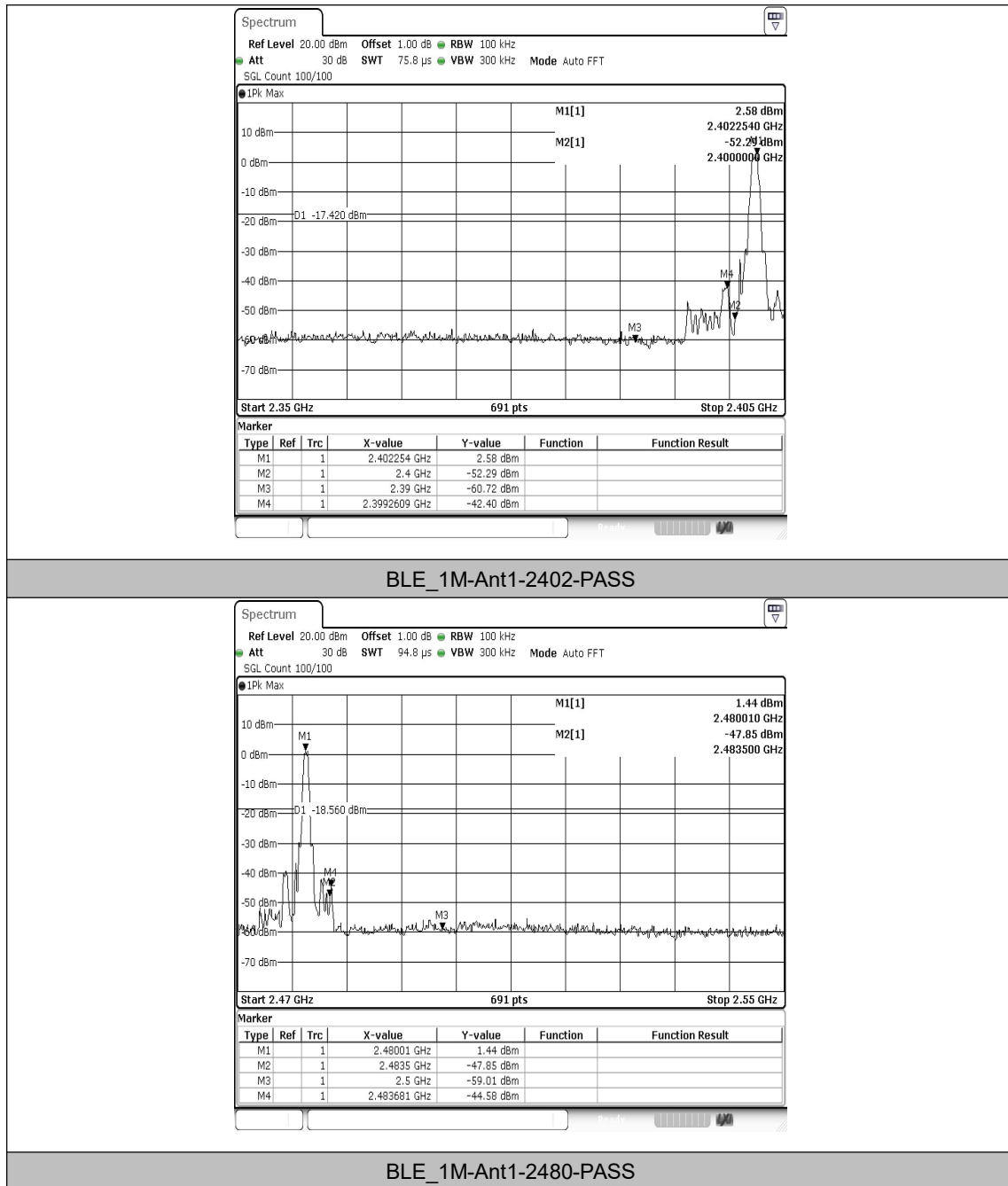
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.58	-42.4	≤-17.42	PASS
BLE_1M	Ant1	High	2480	1.44	-44.58	≤-18.56	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



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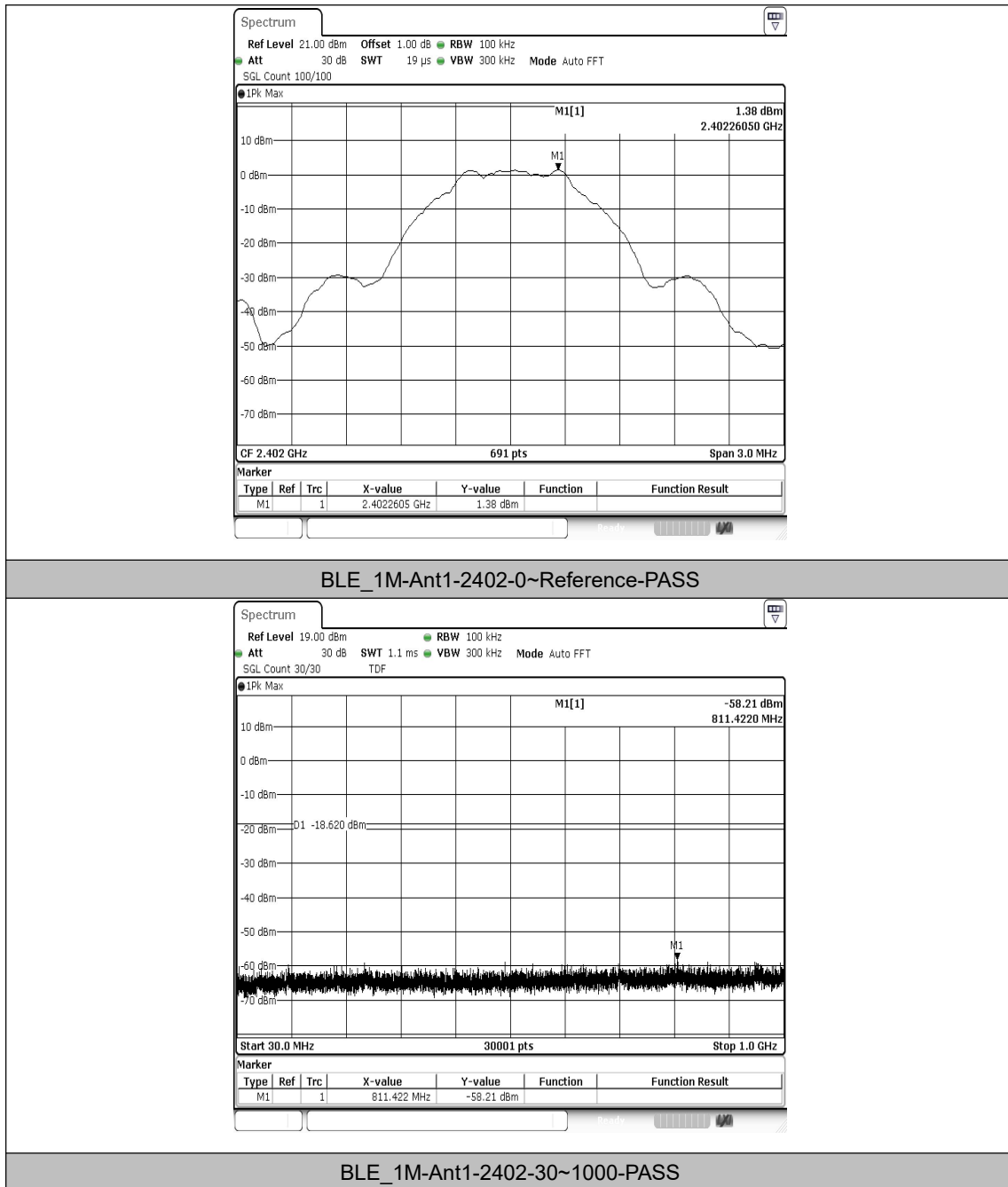
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.38	1.38	---	PASS
BLE_1M	Ant1	2402	30~1000	1.38	-58.21	≤-18.62	PASS
BLE_1M	Ant1	2402	1000~26500	1.38	-40.34	≤-18.62	PASS
BLE_1M	Ant1	2440	0~Reference	2.05	2.05	---	PASS
BLE_1M	Ant1	2440	30~1000	2.05	-58.06	≤-17.95	PASS
BLE_1M	Ant1	2440	1000~26500	2.05	-44.18	≤-17.95	PASS
BLE_1M	Ant1	2480	0~Reference	1.44	1.44	---	PASS
BLE_1M	Ant1	2480	30~1000	1.44	-58.05	≤-18.56	PASS
BLE_1M	Ant1	2480	1000~26500	1.44	-44.22	≤-18.56	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.

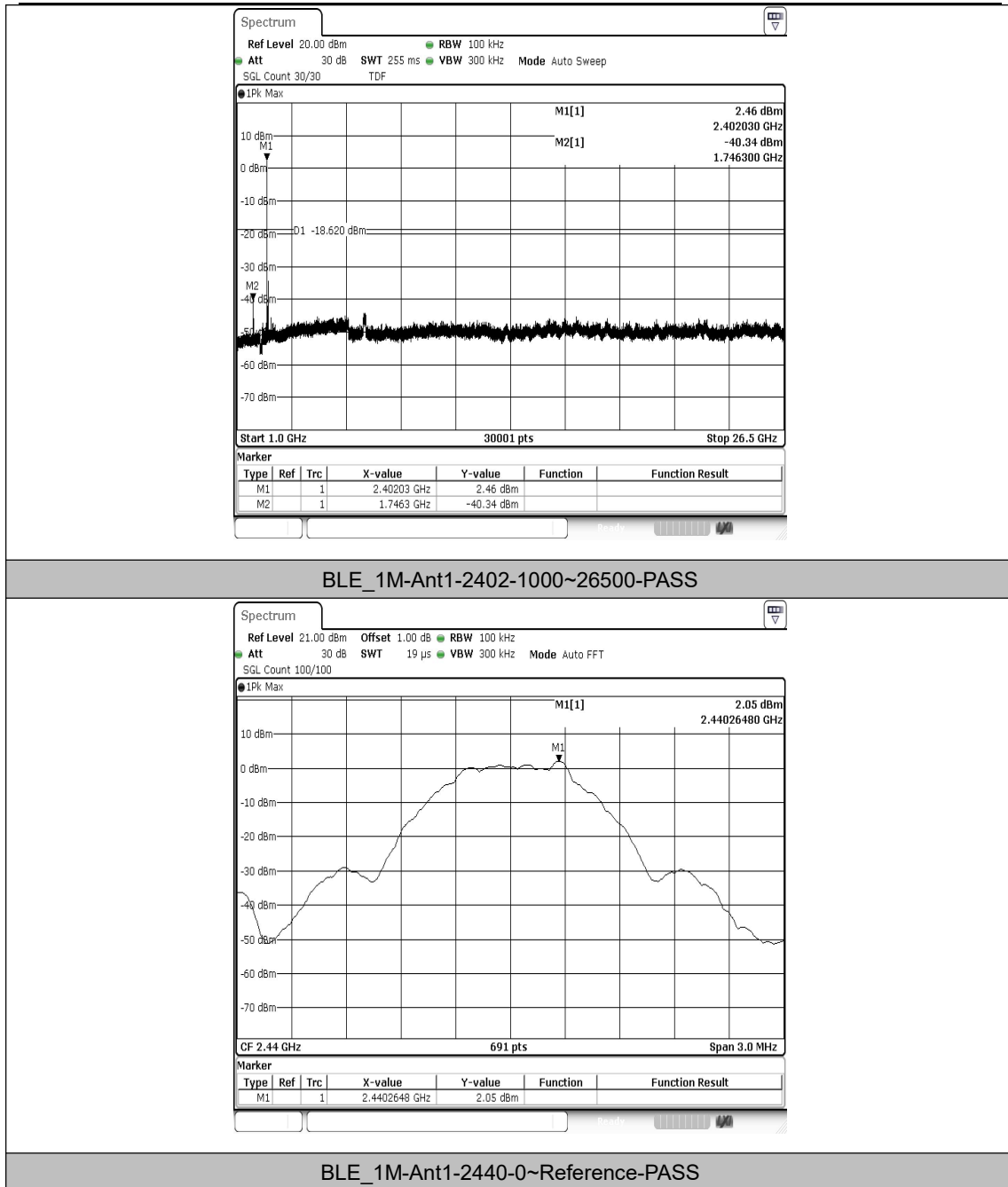
Test Graphs



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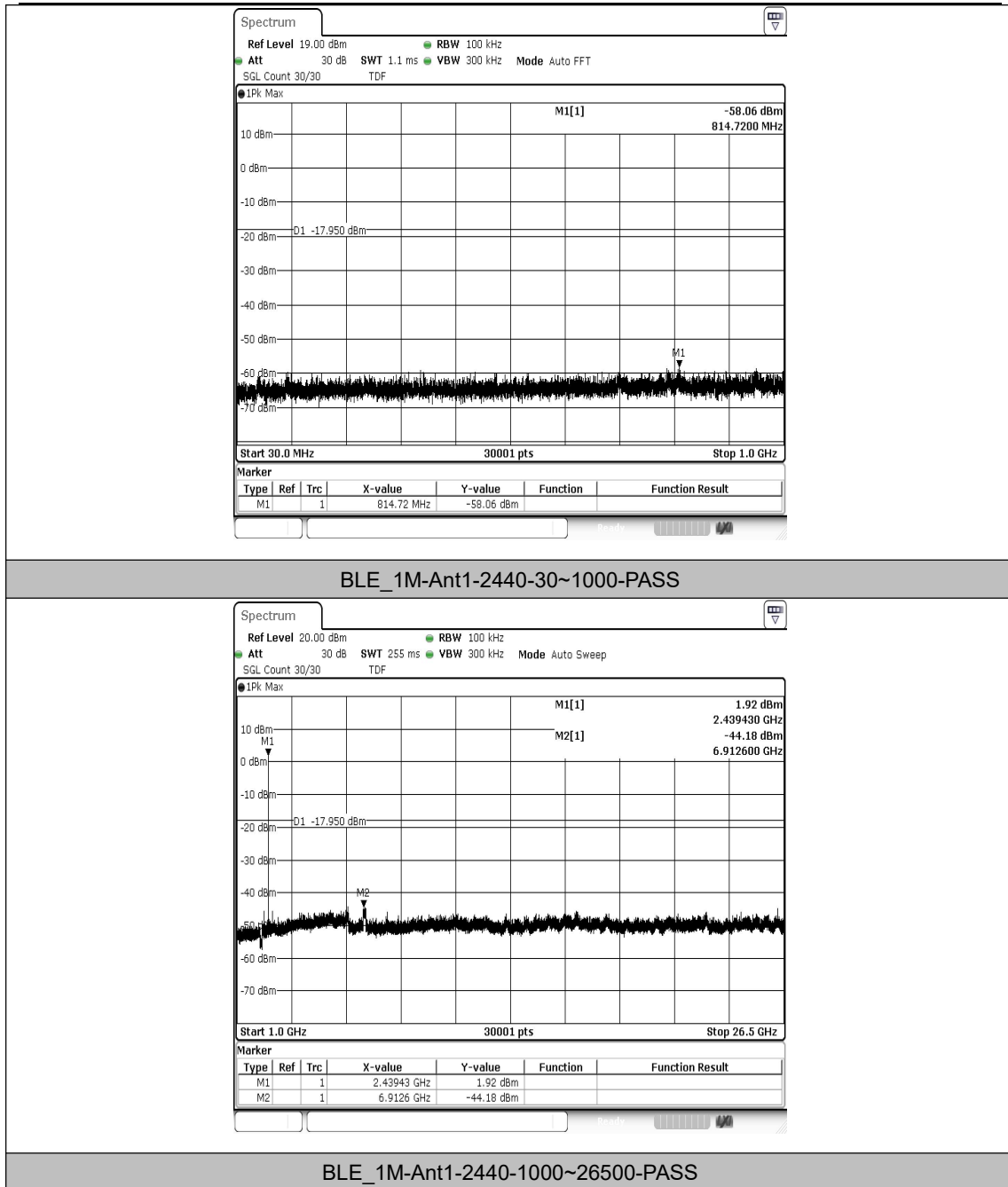
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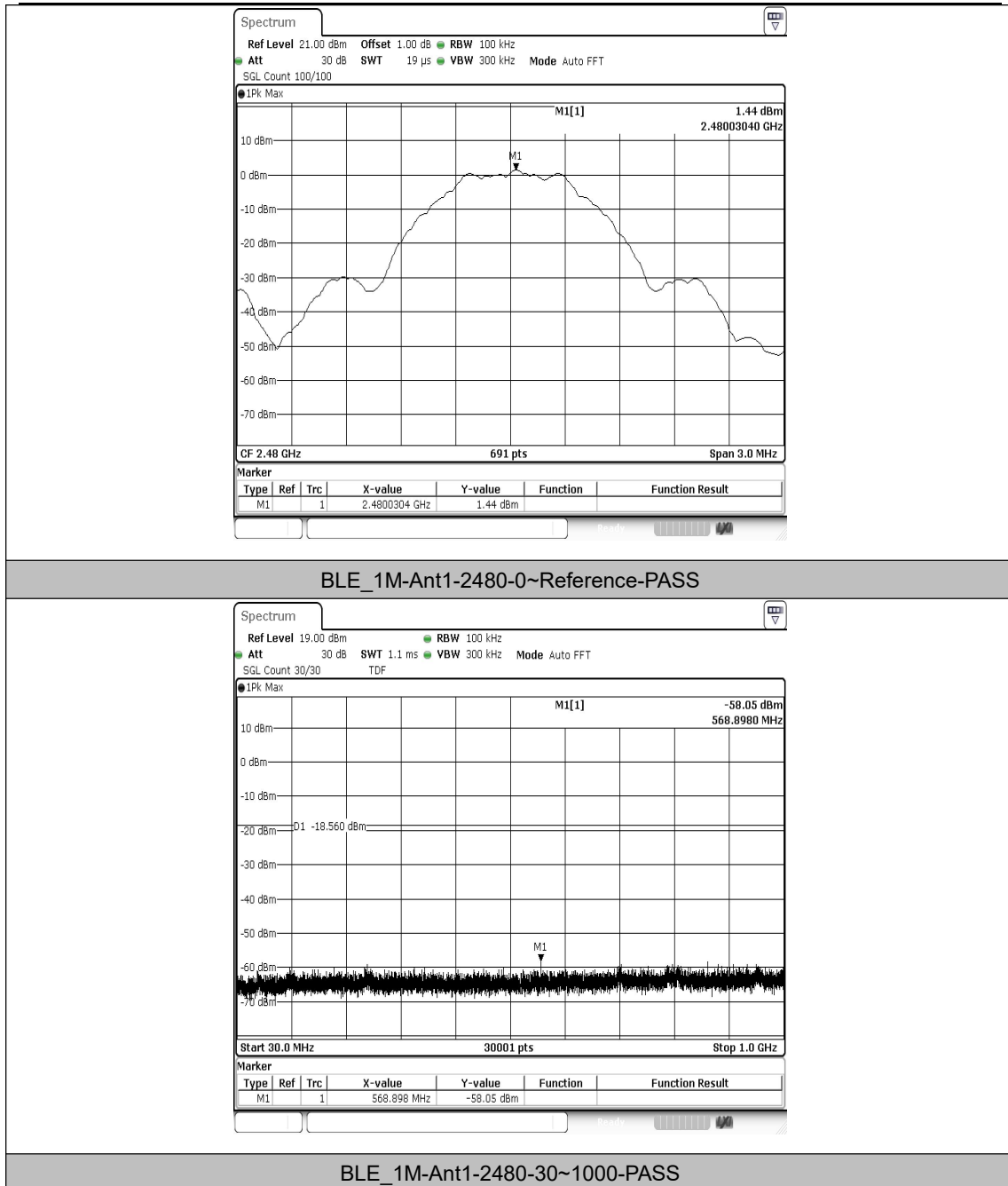
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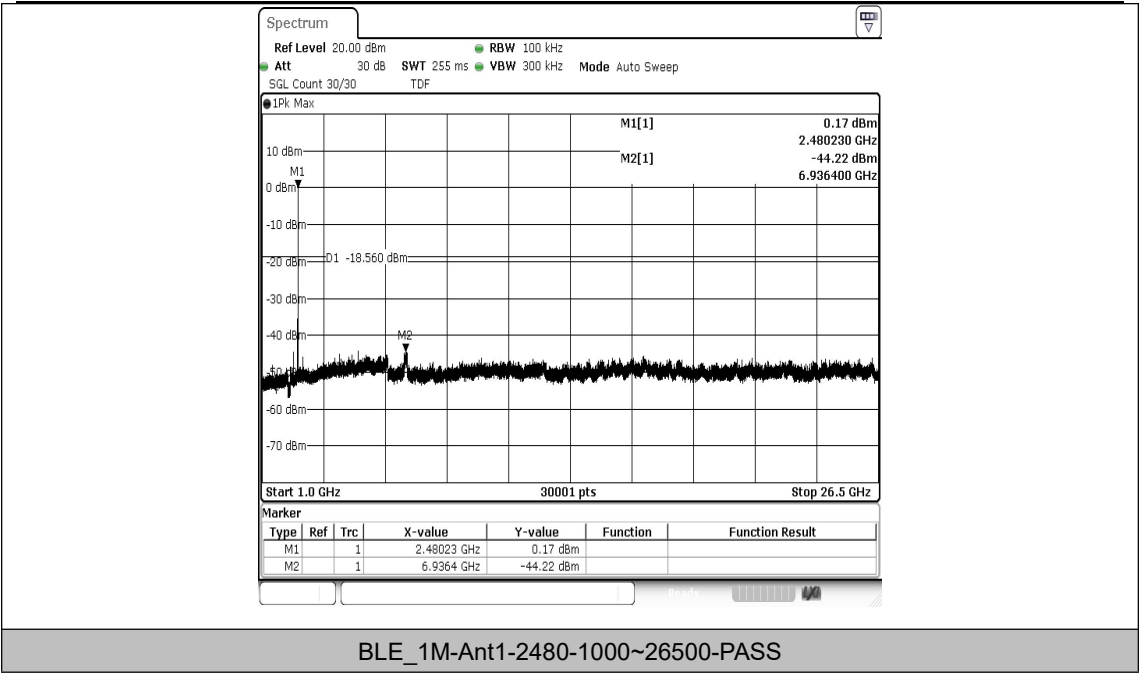
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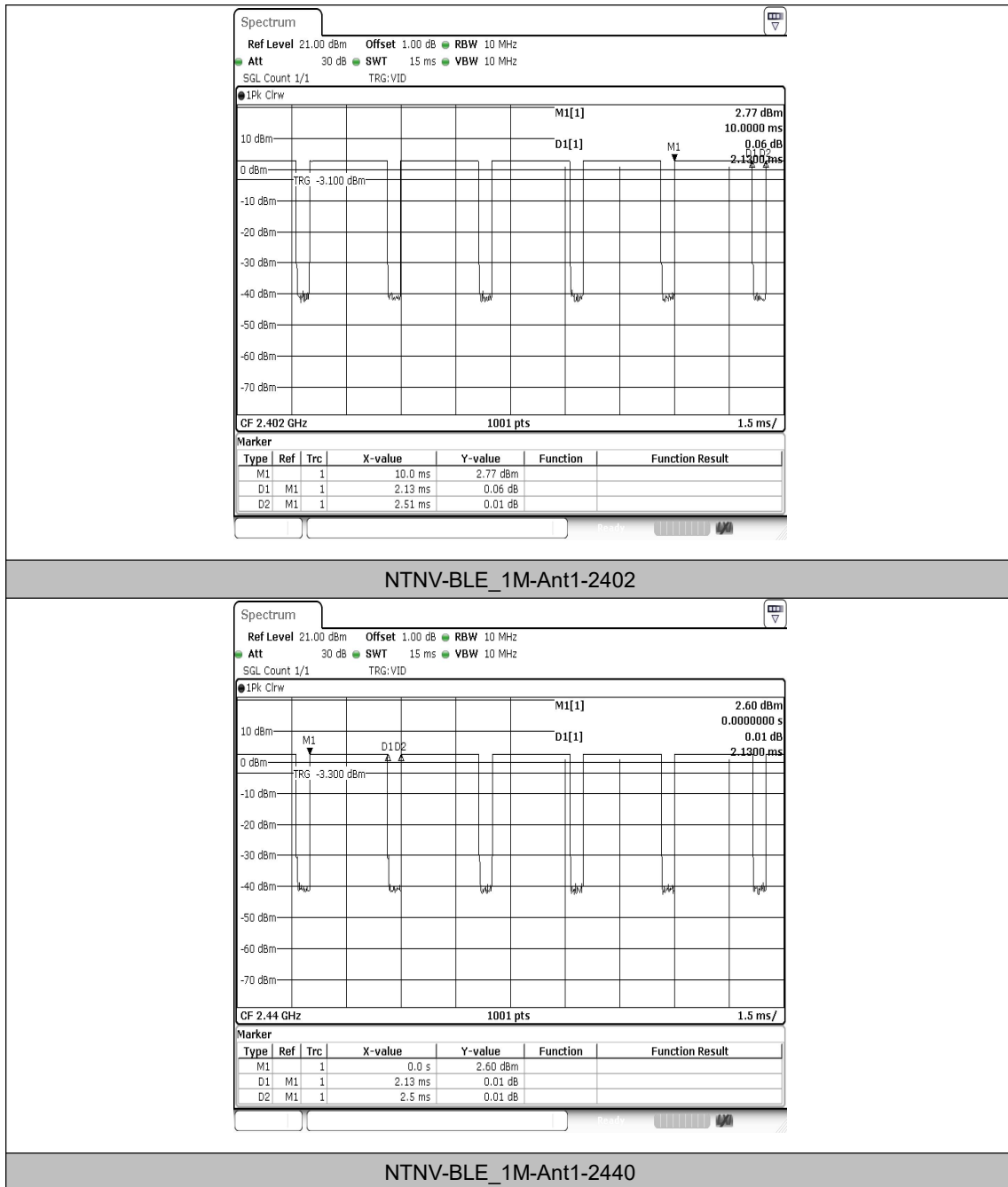
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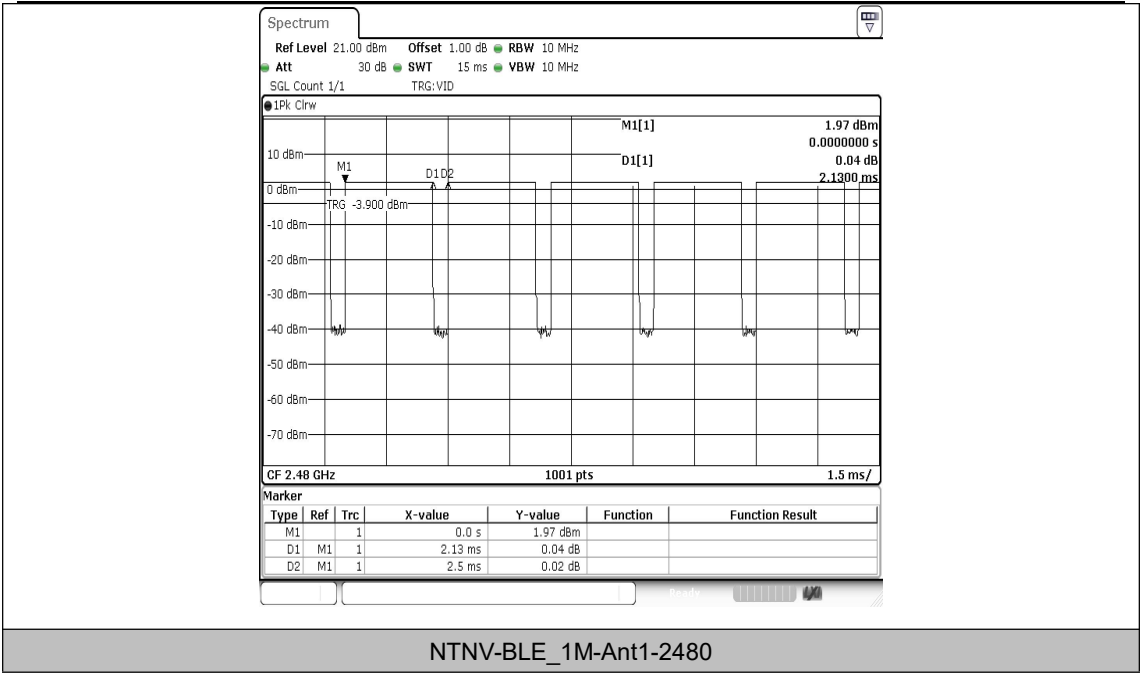
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
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---