

Appendix Test Data

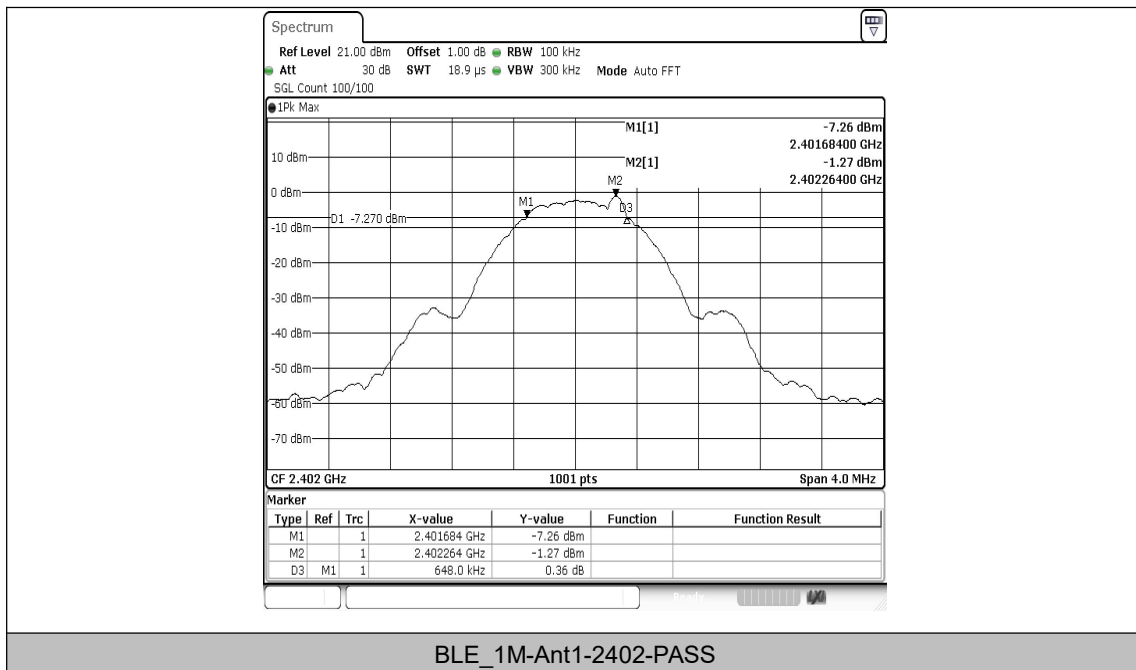
Report No.:	1813C50260012501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-13	Finish Test Date:	2025-09-08
Test Engineer:	Hansen Guan	Auditor:	Justin Feng
Temperature:	26.2°C	Relative Humidity:	56%
Pressure:	101kPa		

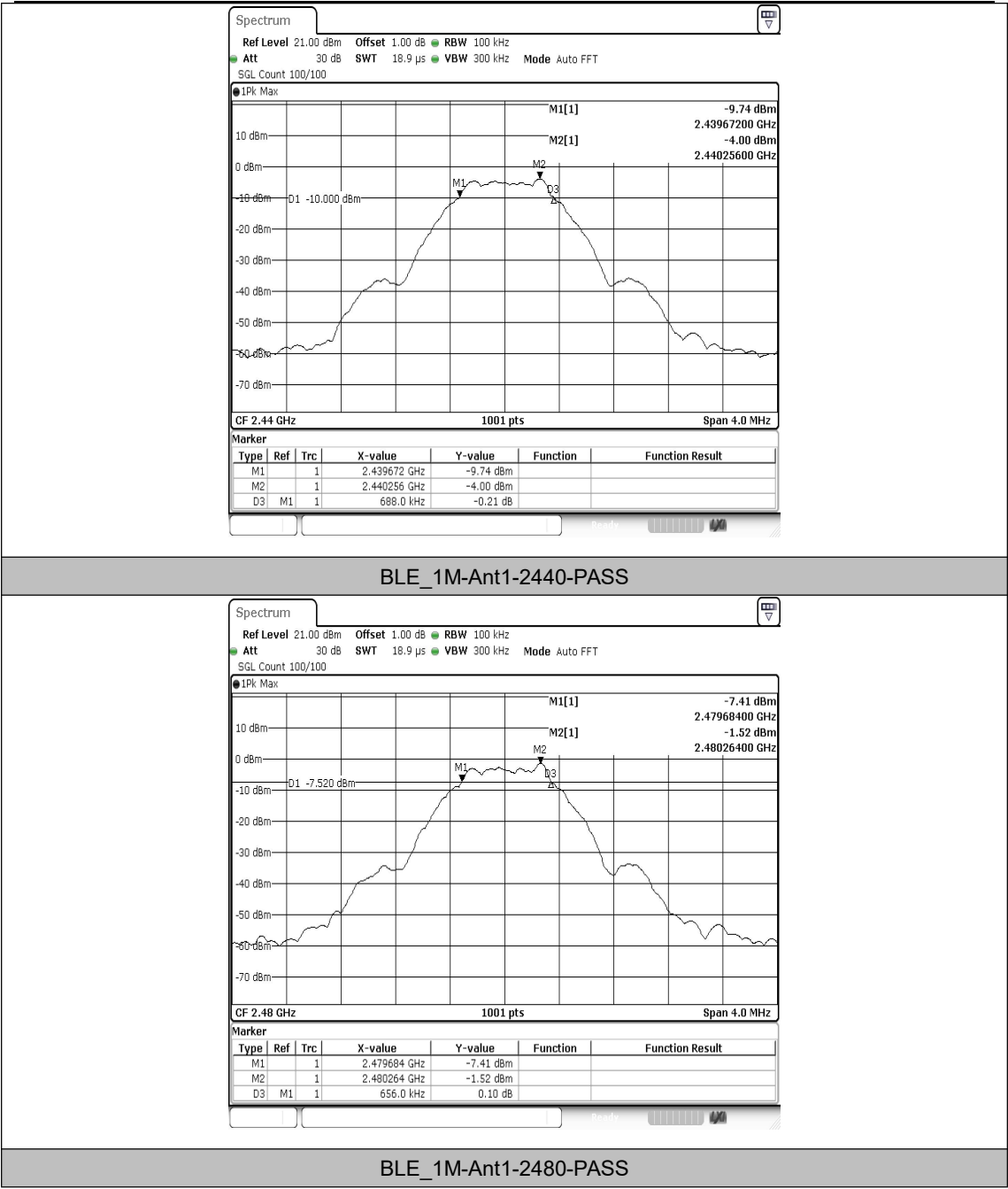
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.65	2401.68	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.69	2439.67	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.68	2480.34	0.5	PASS

Test Graphs



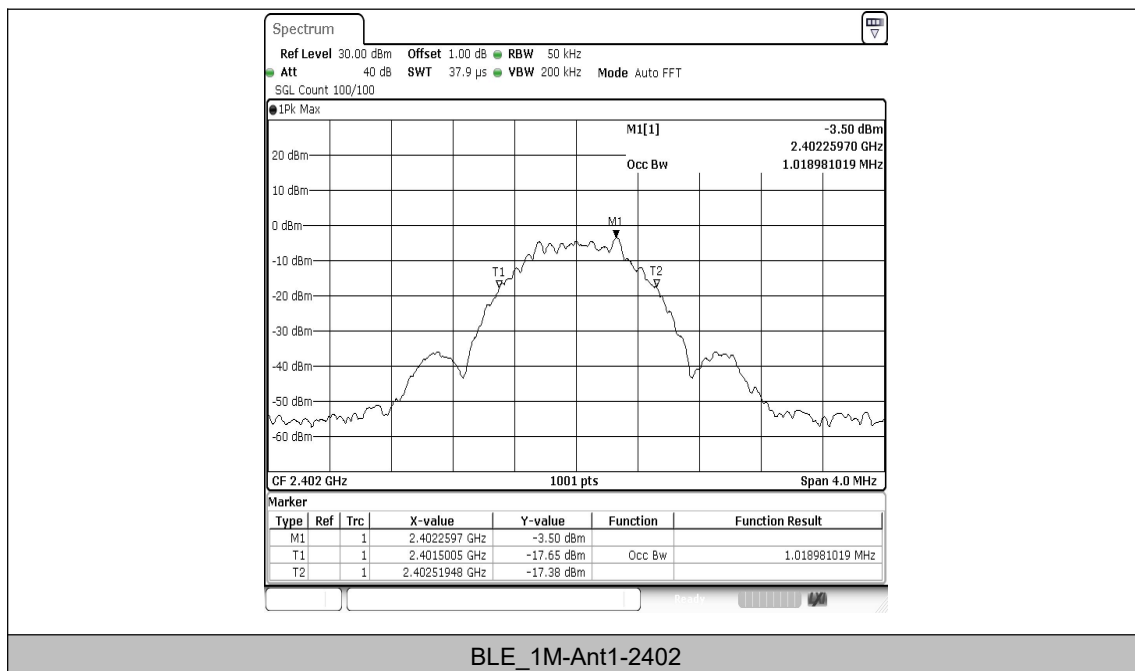


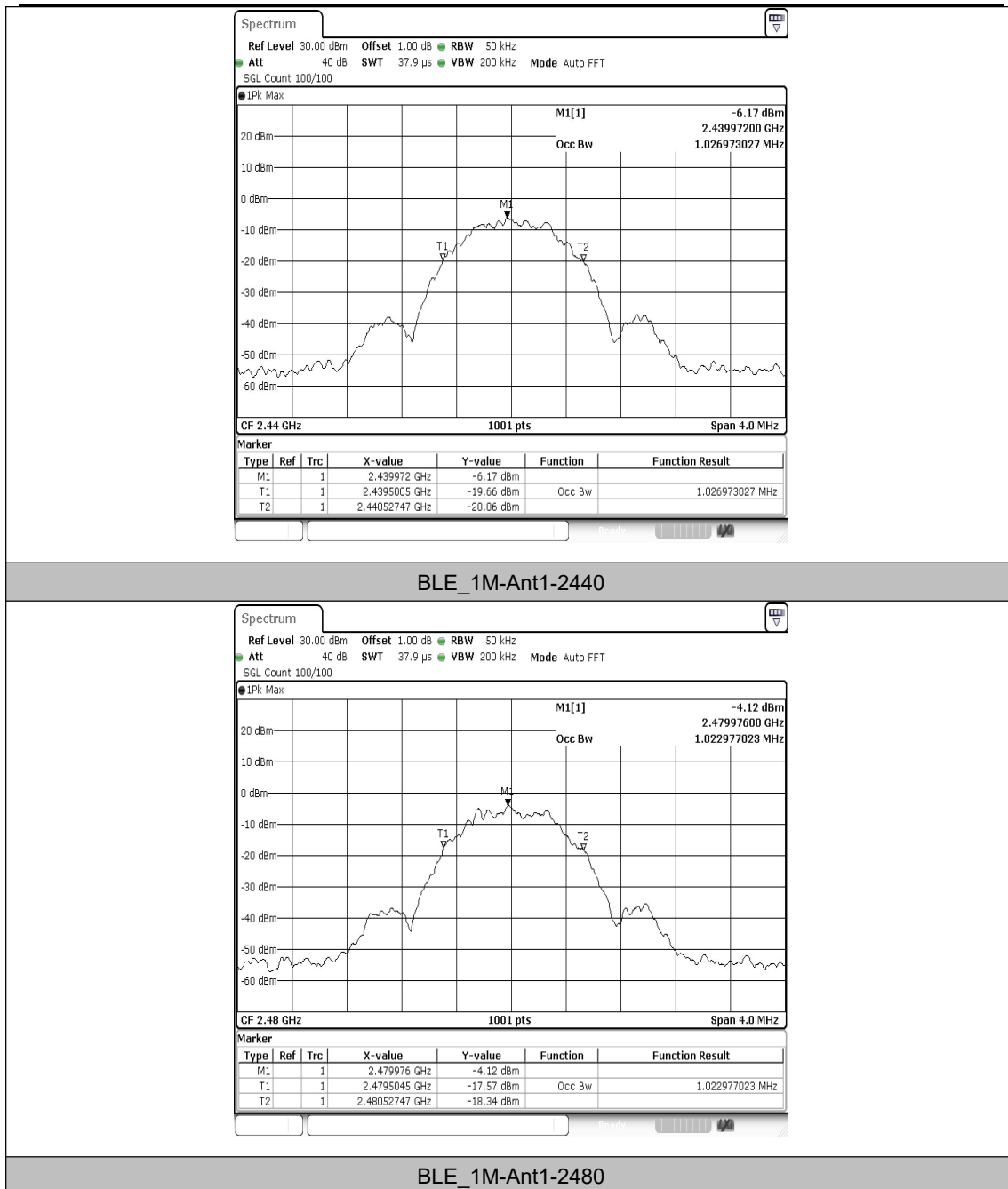
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0190	2401.5005	2402.5195	---	---
BLE_1M	Ant1	2440	1.0270	2439.5005	2440.5275	---	---
BLE_1M	Ant1	2480	1.0230	2479.5045	2480.5275	---	---

Test Graphs



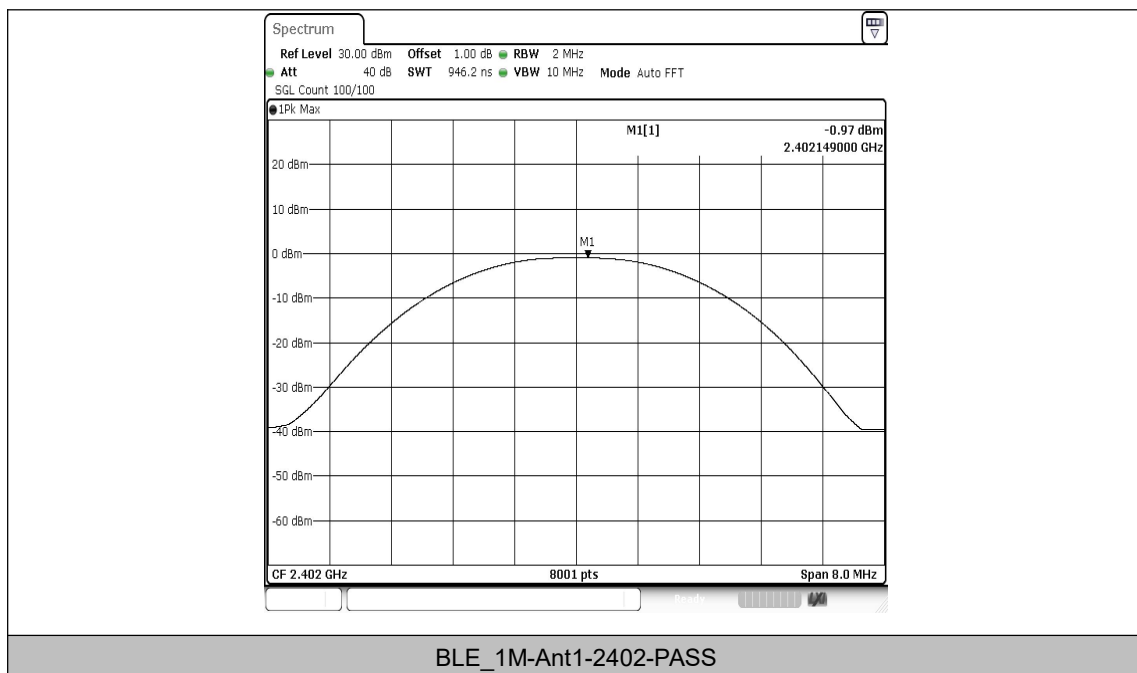


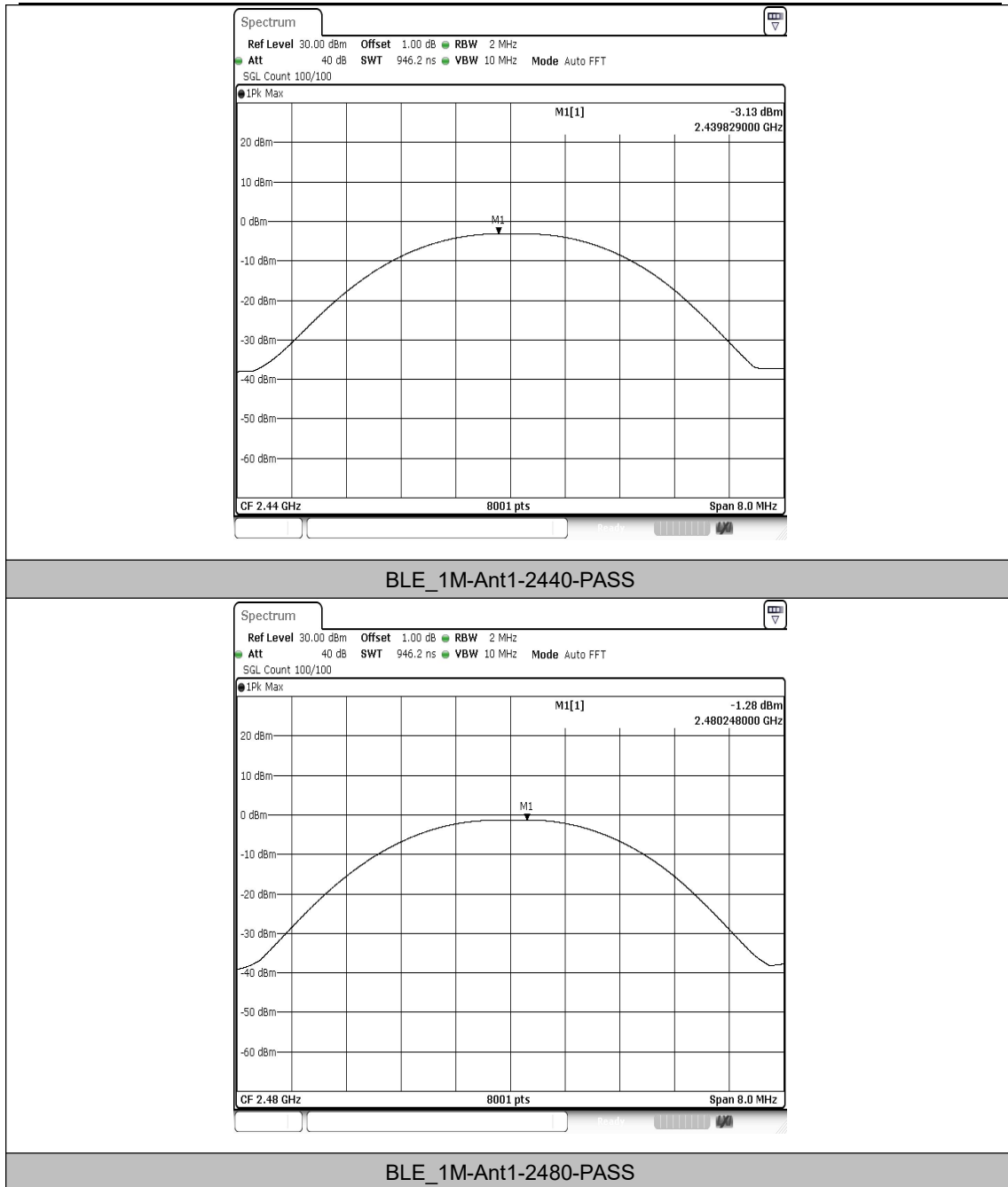
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.97	≤30	PASS
BLE_1M	Ant1	2440	-3.13	≤30	PASS
BLE_1M	Ant1	2480	-1.28	≤30	PASS

Test Graphs Peak





Shenzhen Anbotek Compliance Laboratory Limited

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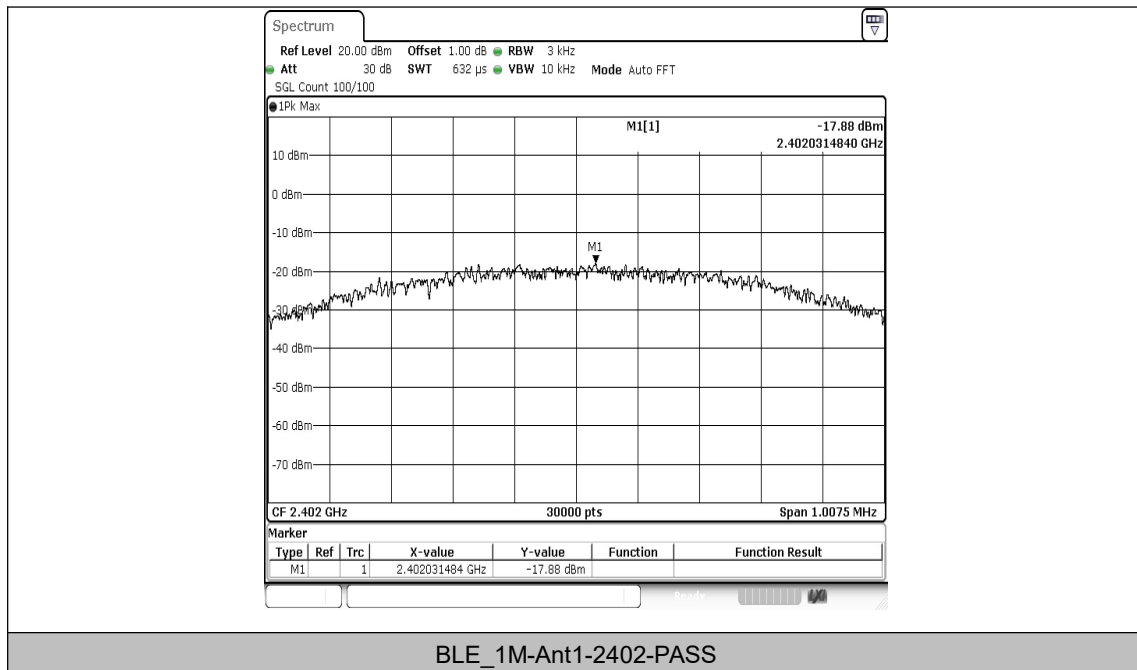
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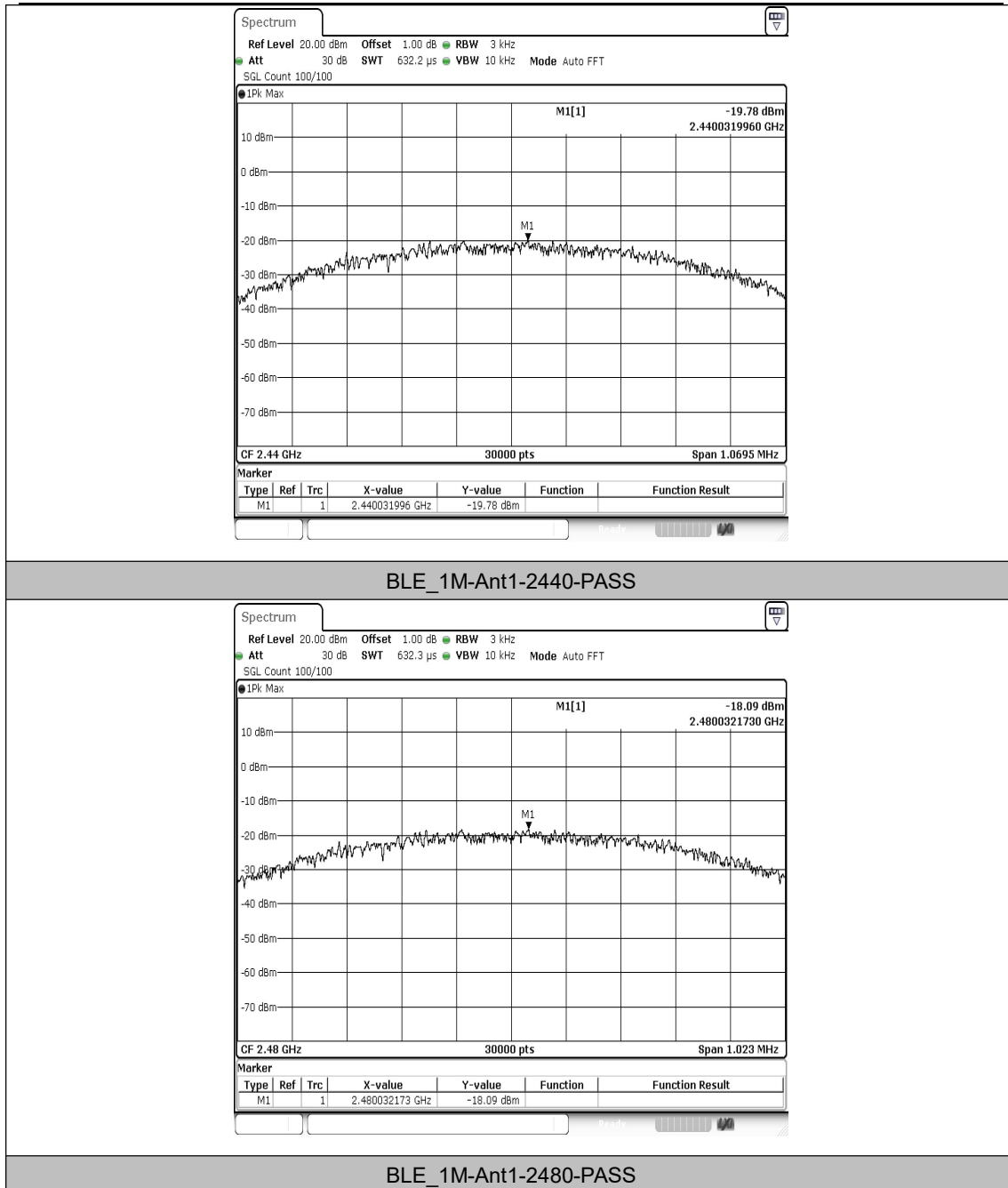
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.88	≤8.00	PASS
BLE_1M	Ant1	2440	-19.78	≤8.00	PASS
BLE_1M	Ant1	2480	-18.09	≤8.00	PASS

Test Graphs





Appendix E: Band edge measurements

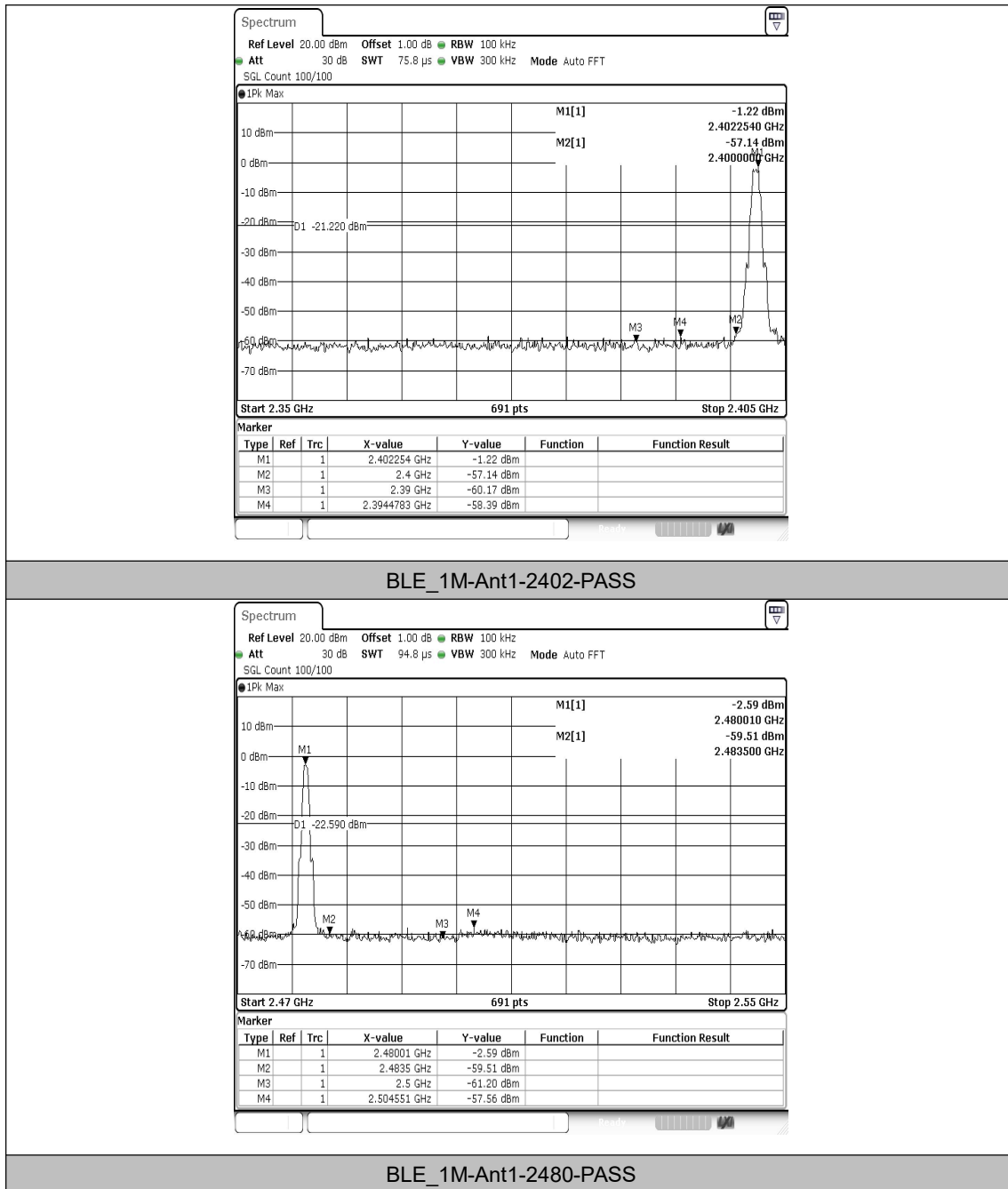
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.22	-58.39	≤-21.22	PASS
BLE_1M	Ant1	High	2480	-2.59	-57.56	≤-22.59	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



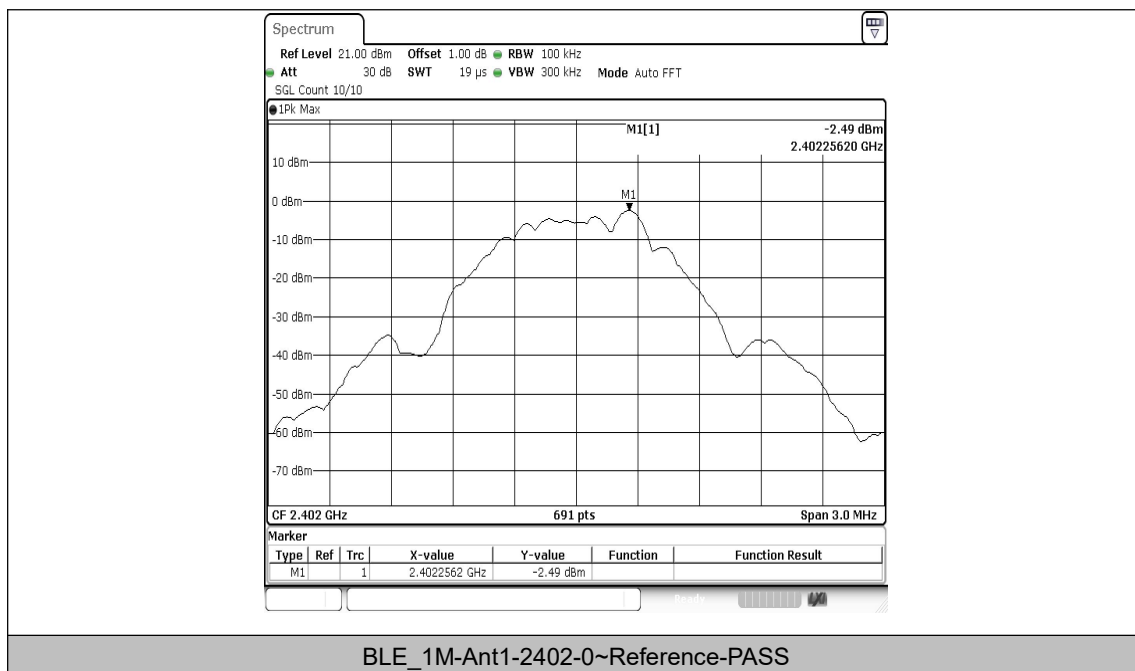
Appendix F: Conducted Spurious Emission

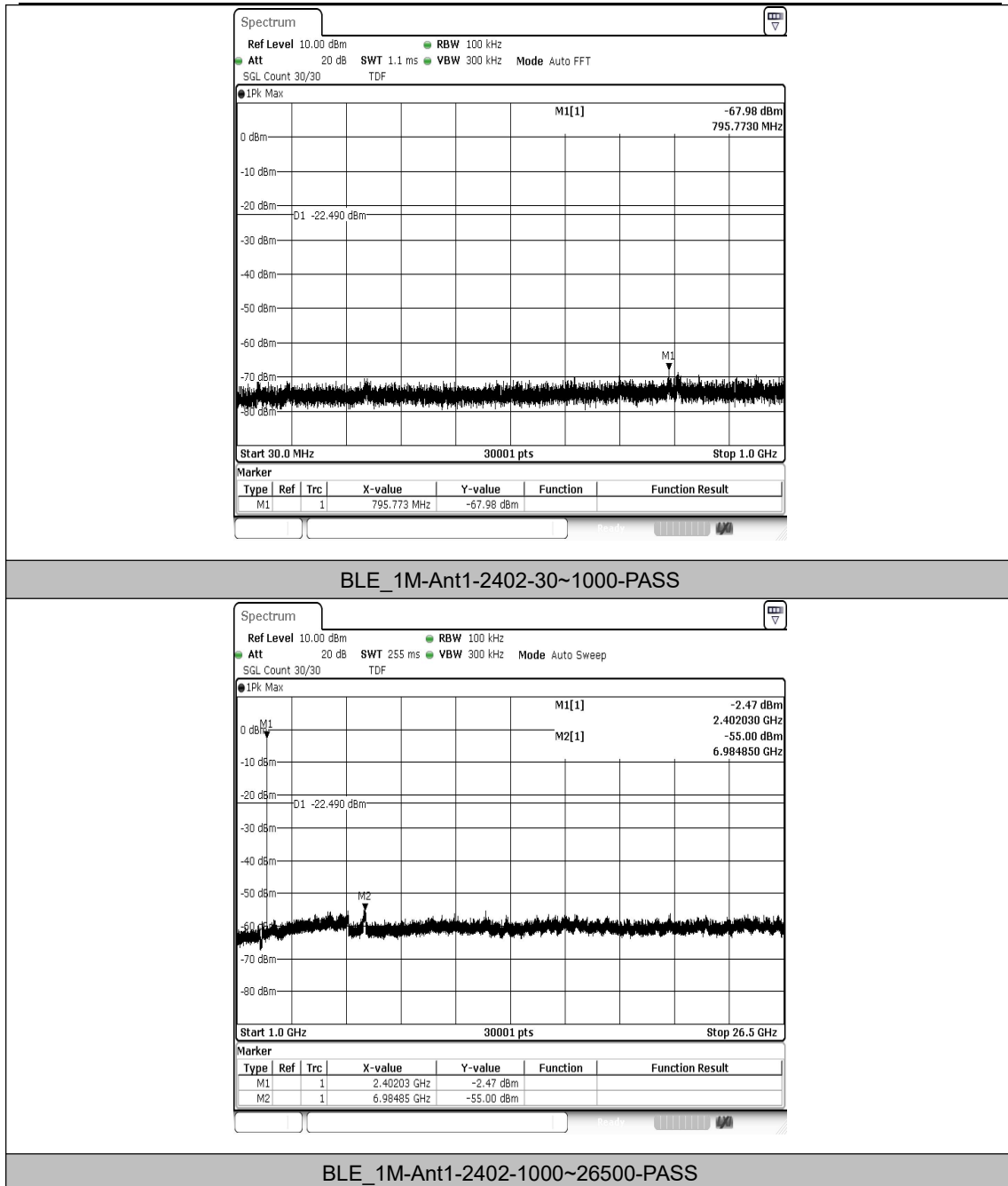
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.49	-2.49	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.49	-67.98	≤-22.49	PASS
BLE_1M	Ant1	2402	1000~26500	-2.49	-55	≤-22.49	PASS
BLE_1M	Ant1	2440	0~Reference	-5.66	-5.66	---	PASS
BLE_1M	Ant1	2440	30~1000	-5.66	-68.66	≤-25.66	PASS
BLE_1M	Ant1	2440	1000~26500	-5.66	-50.24	≤-25.66	PASS
BLE_1M	Ant1	2480	0~Reference	-3.21	-3.21	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.21	-69.19	≤-23.21	PASS
BLE_1M	Ant1	2480	1000~26500	-3.21	-54.86	≤-23.21	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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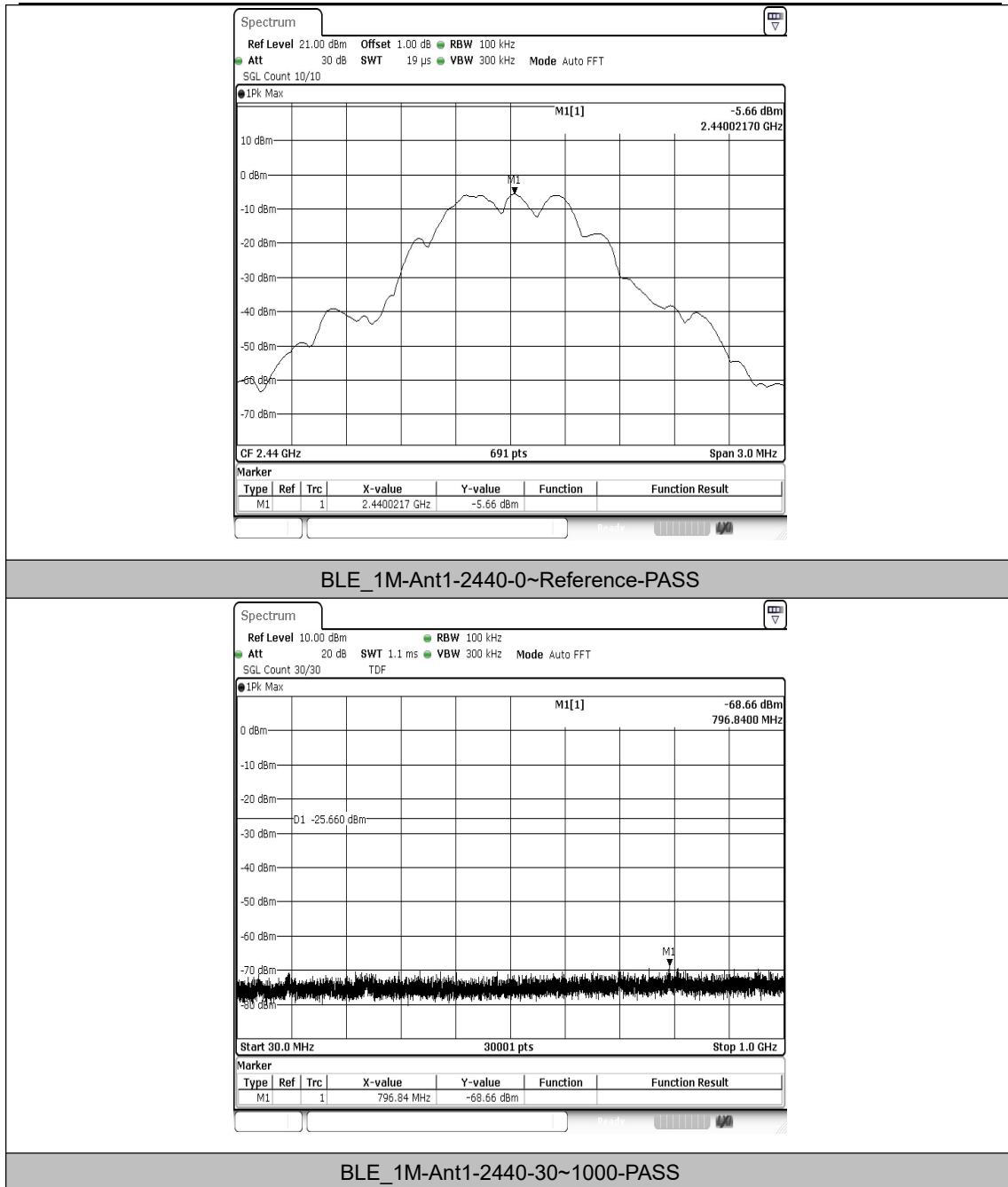
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

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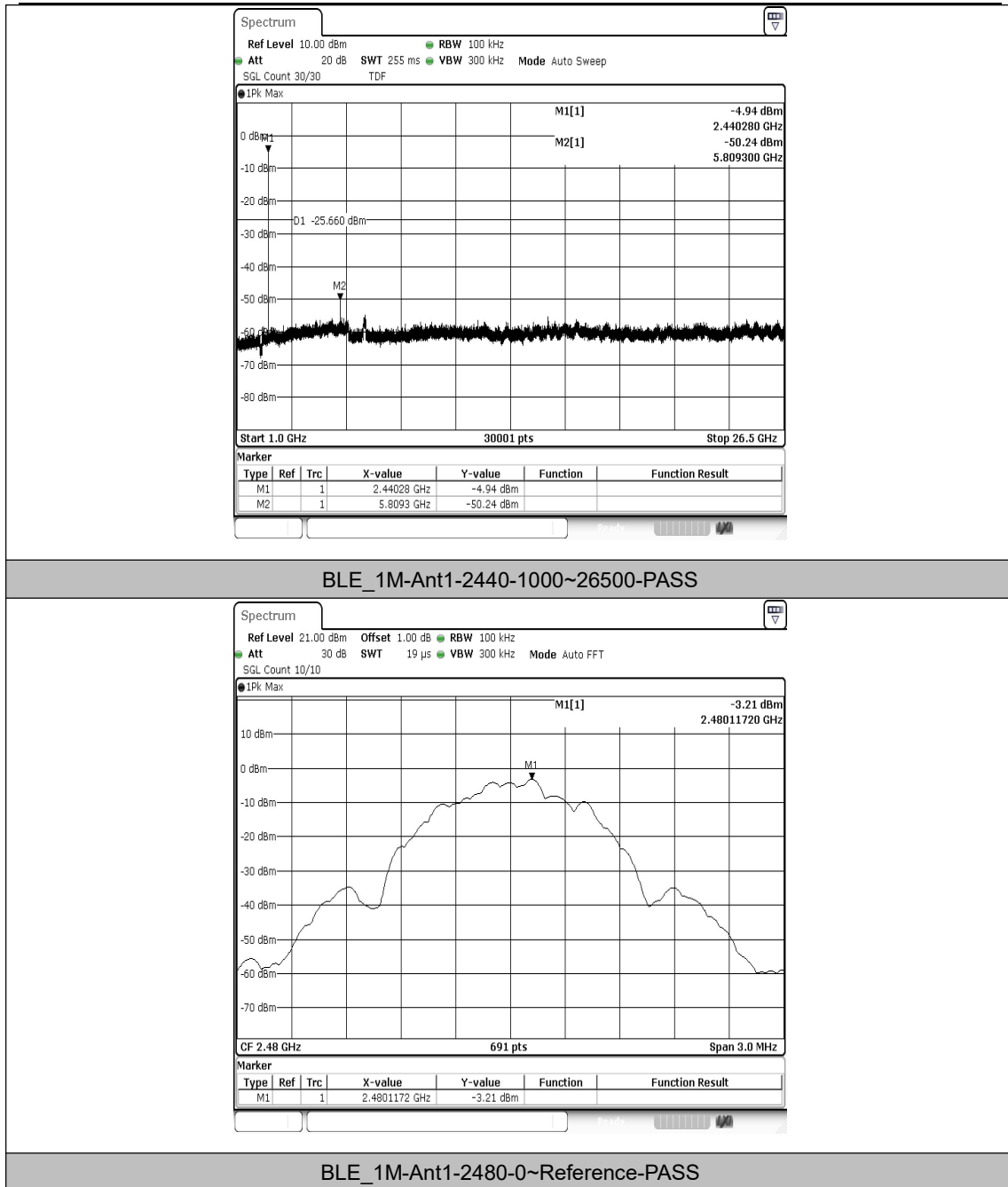
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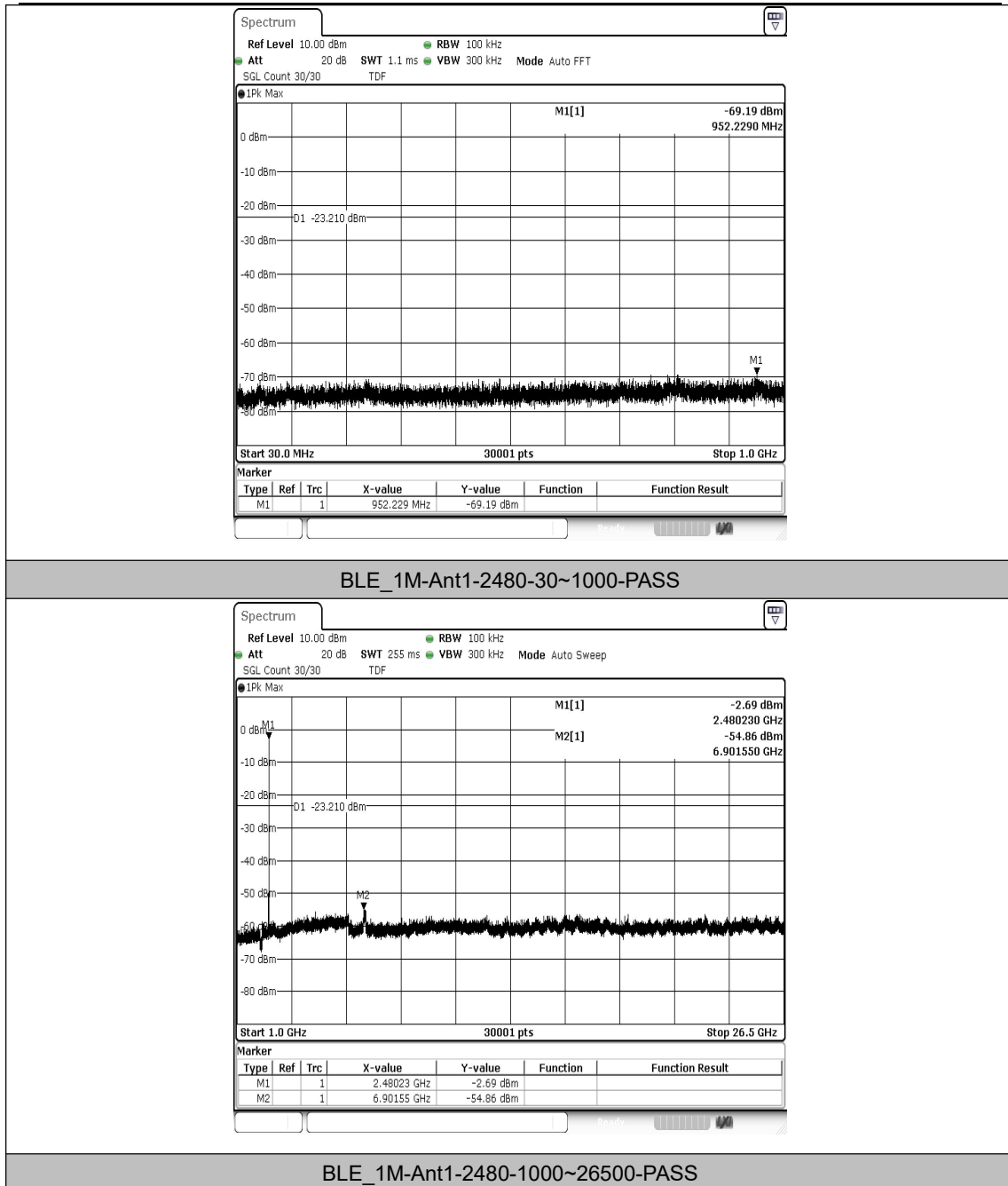


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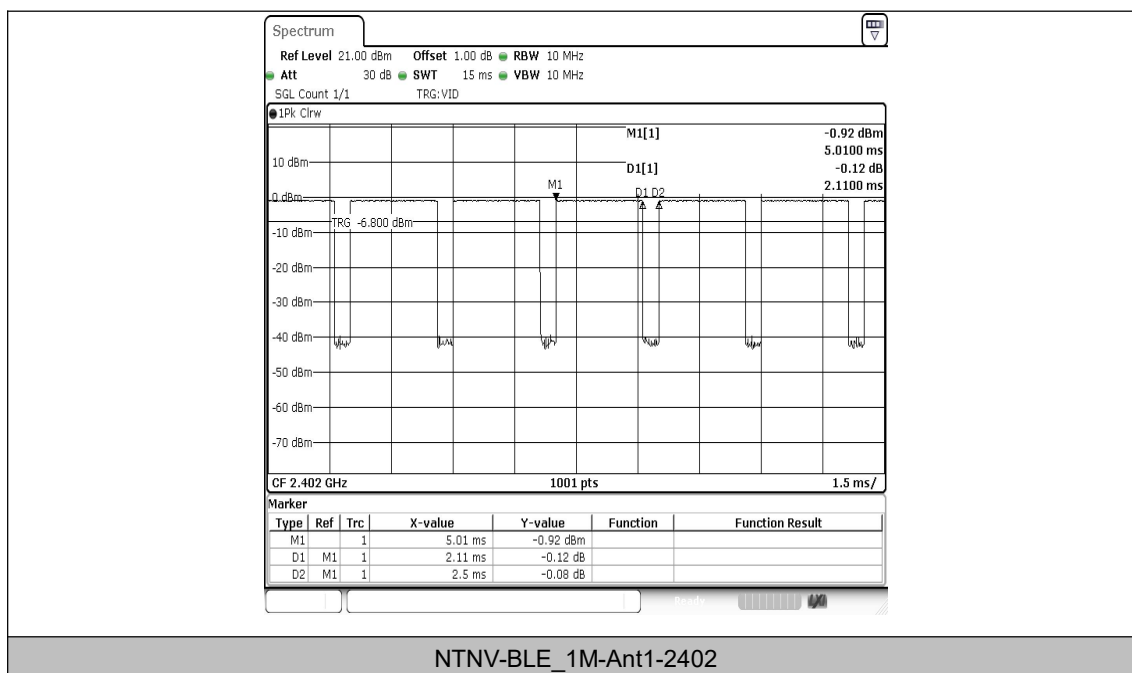
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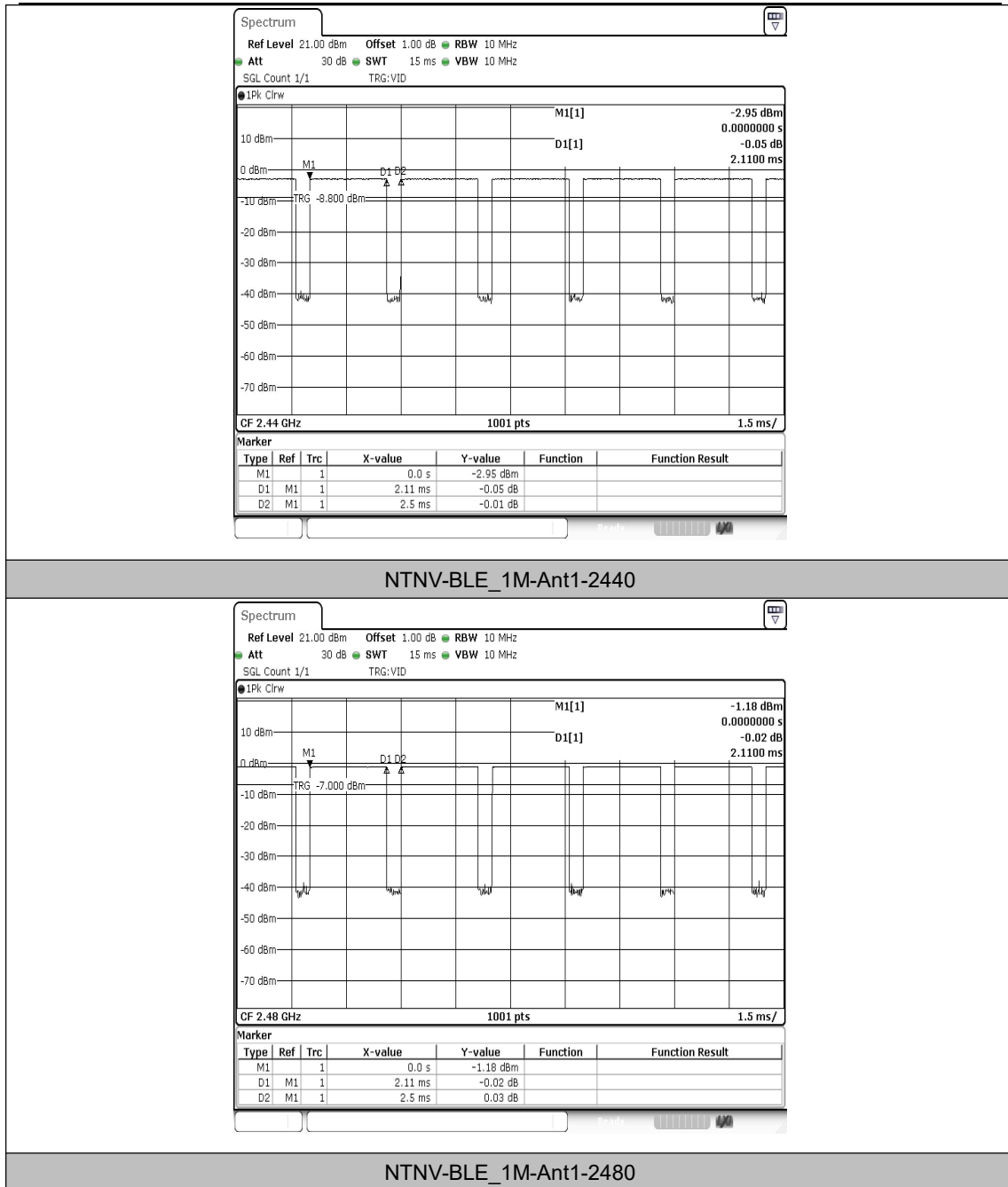
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.50	84.40	0.74
BLE_1M	Ant1	2440	2.11	2.50	84.40	0.74
BLE_1M	Ant1	2480	2.11	2.50	84.40	0.74

Test Graphs





---End---