

Appendix Test Data

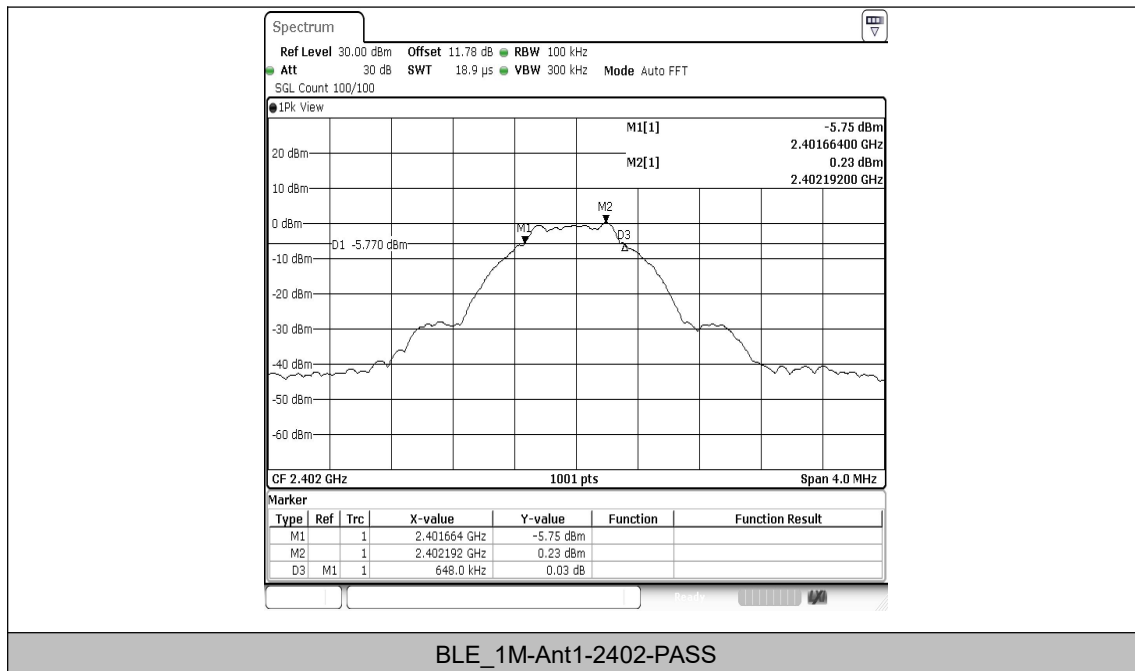
Report No.:	1812C40199712501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.2	Finish Test Date:	2025.1.20
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	39%
Pressure:	101kPa		

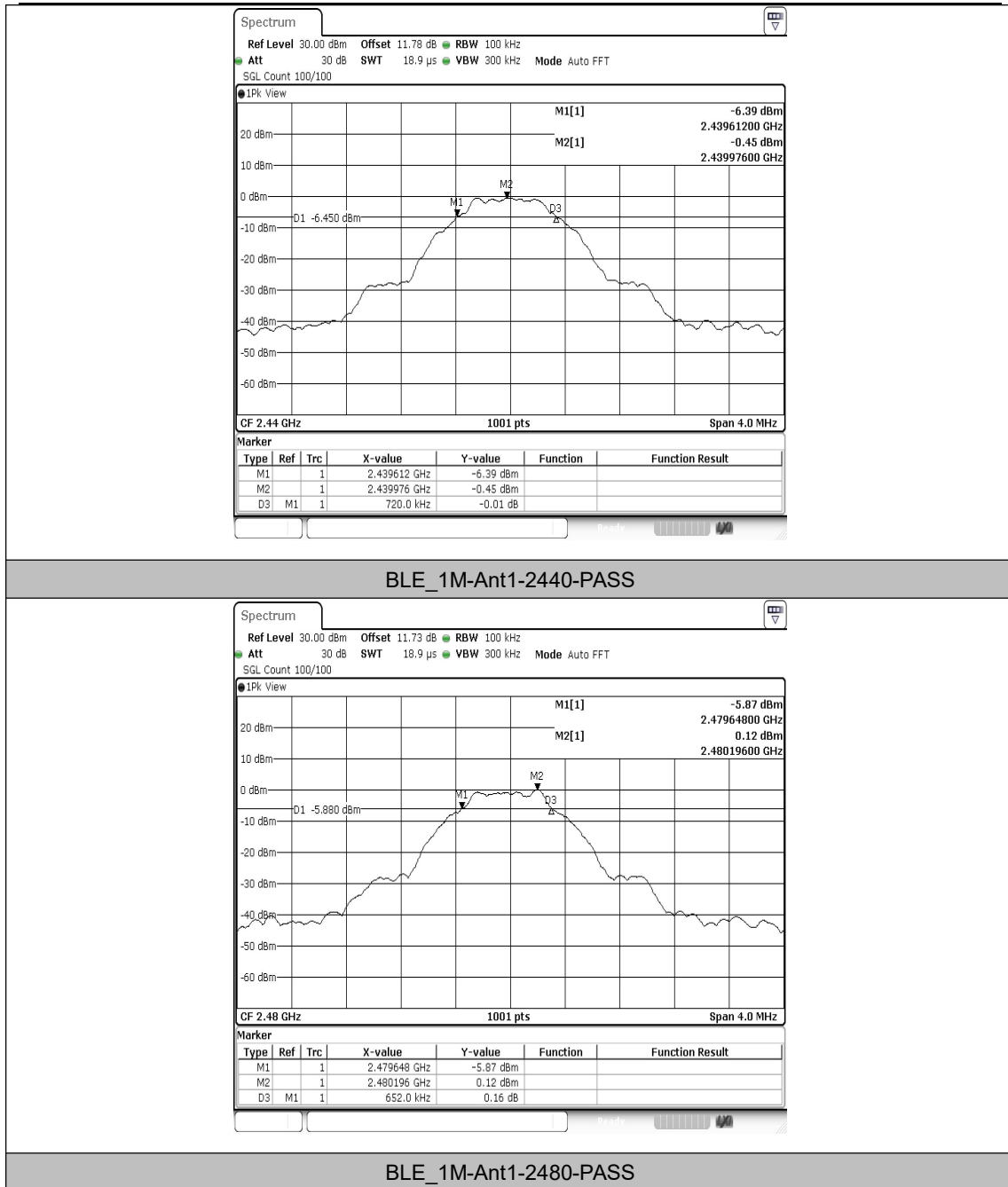
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.65	2401.66	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.61	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.65	2480.30	0.5	PASS

Test Graphs



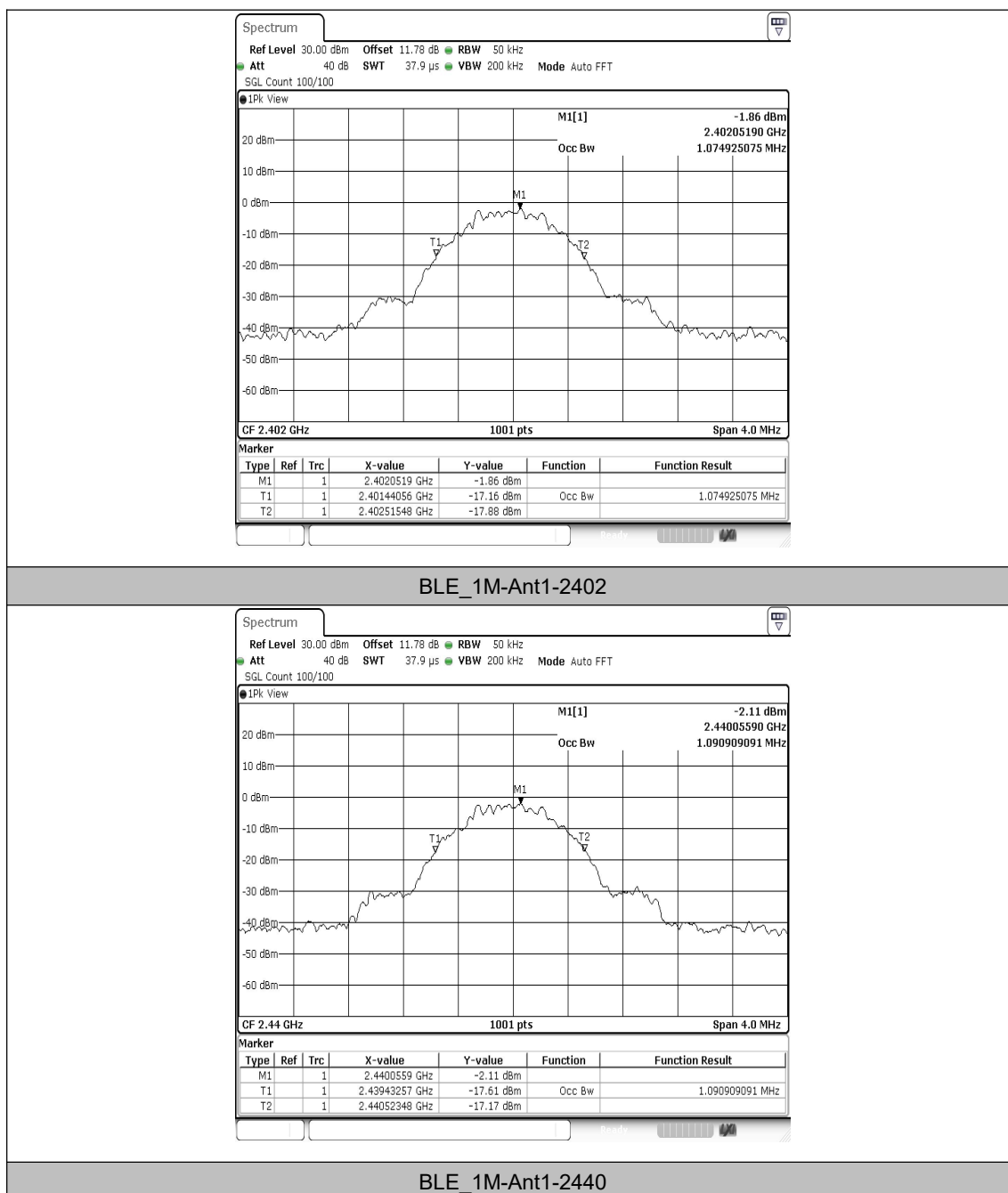


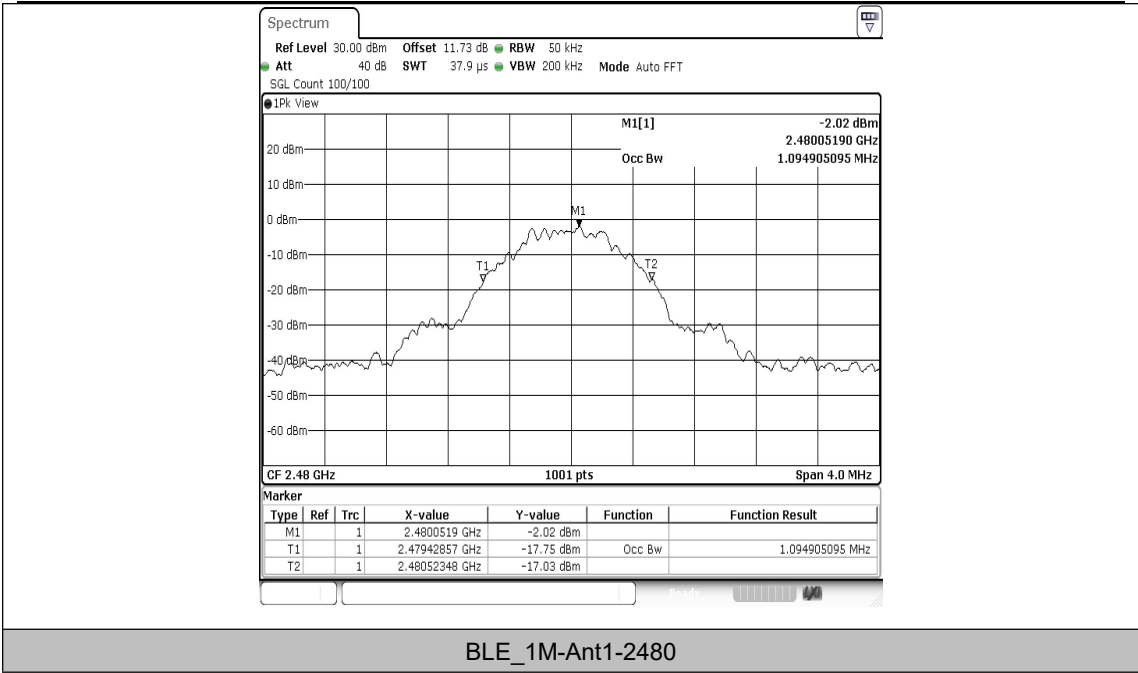
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.075	2401.4406	2402.5155	---	---
BLE_1M	Ant1	2440	1.091	2439.4326	2440.5235	---	---
BLE_1M	Ant1	2480	1.095	2479.4286	2480.5235	---	---

Test Graphs





Shenzhen Anbotek Compliance Laboratory Limited

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
Tel:(86)0755-26066440 Email:service@anbotek.com

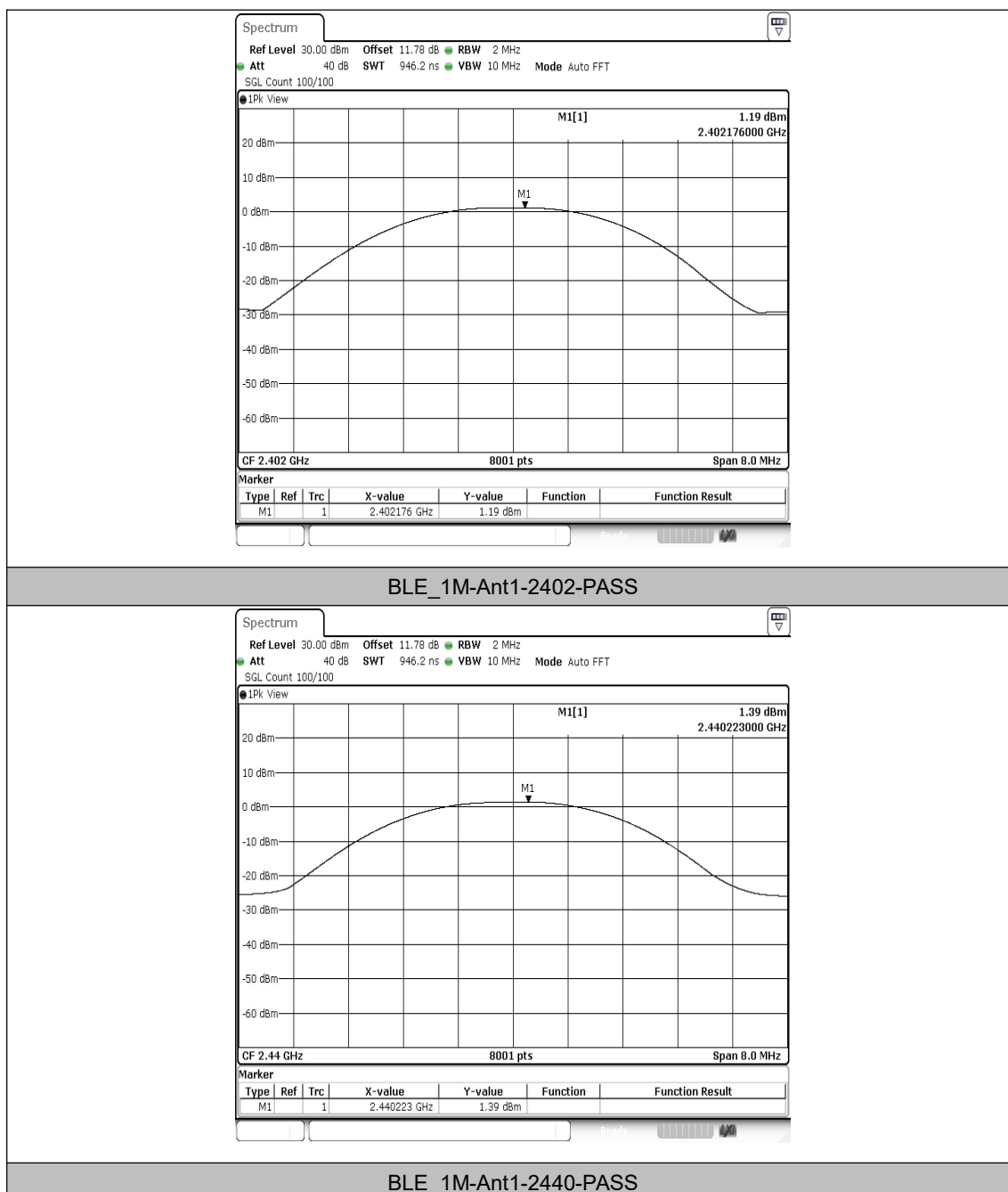
Hotline
400-003-0500
www.anbotek.com

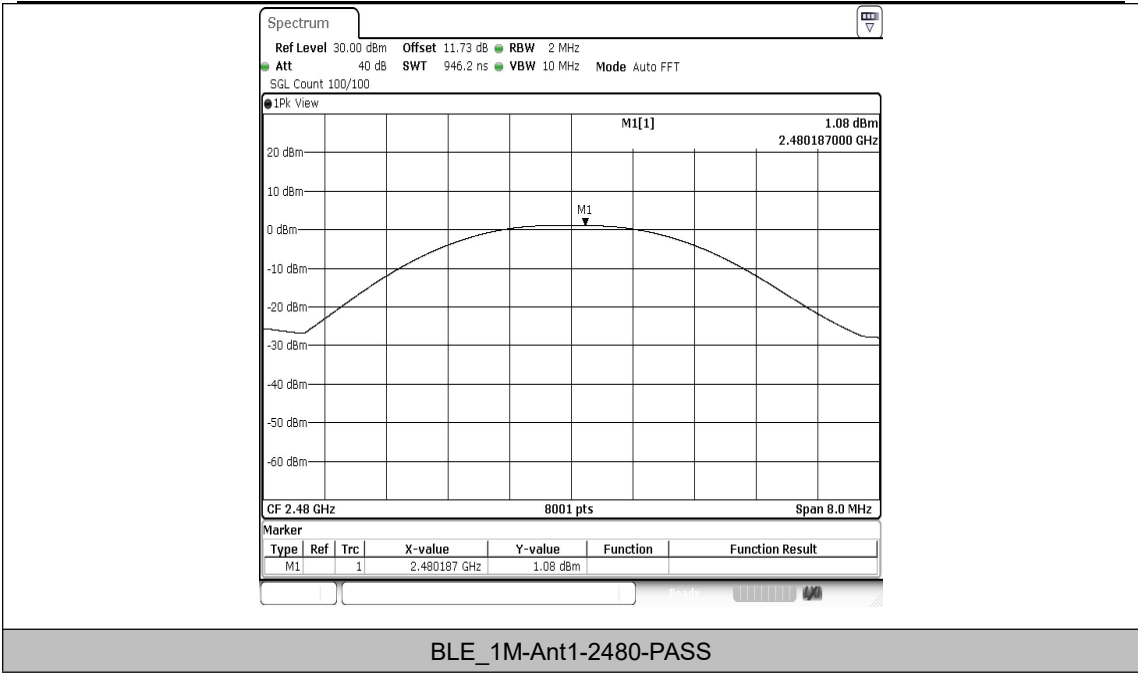
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.19	≤30	PASS
BLE_1M	Ant1	2440	1.39	≤30	PASS
BLE_1M	Ant1	2480	1.08	≤30	PASS

Test Graphs Peak





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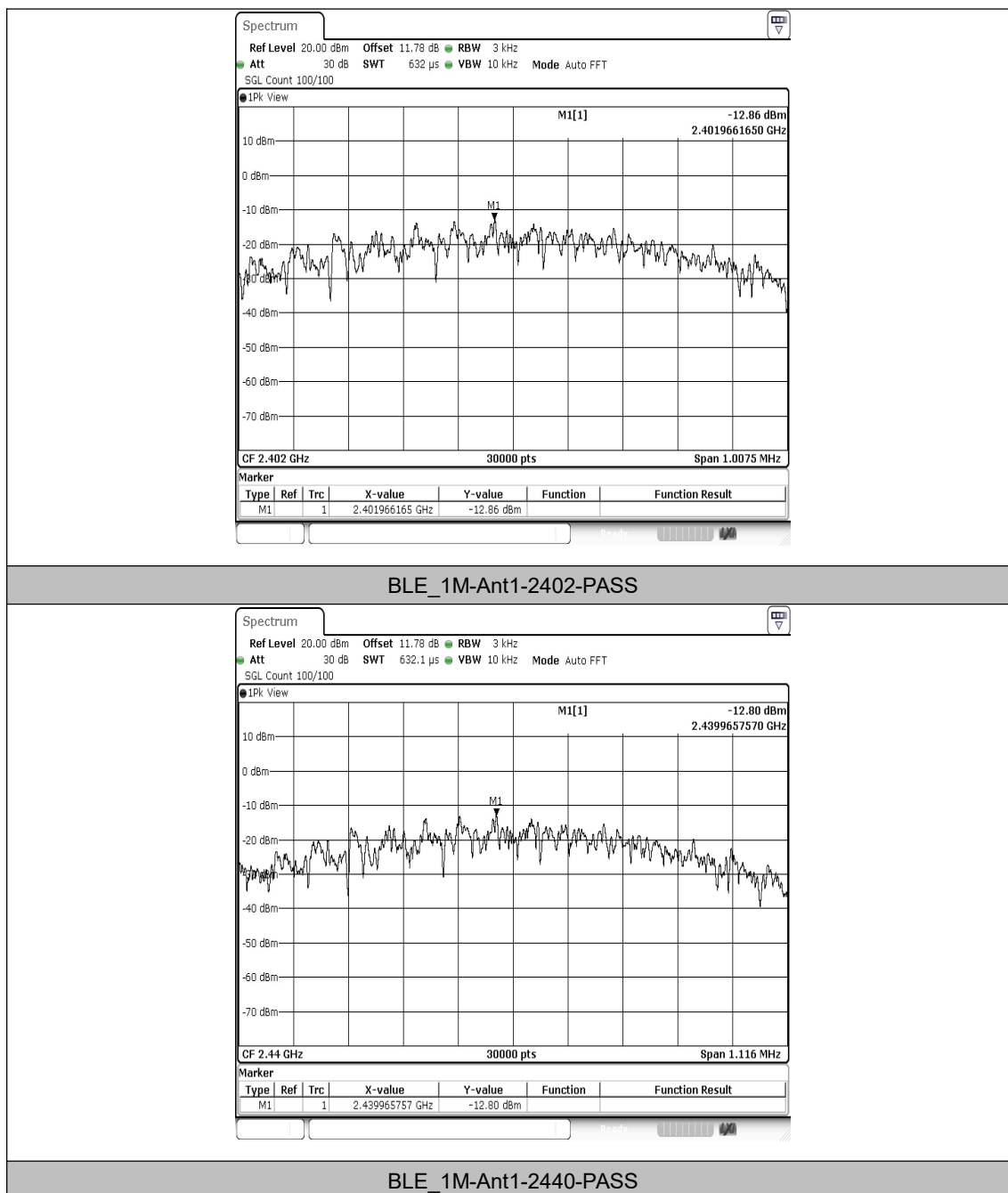
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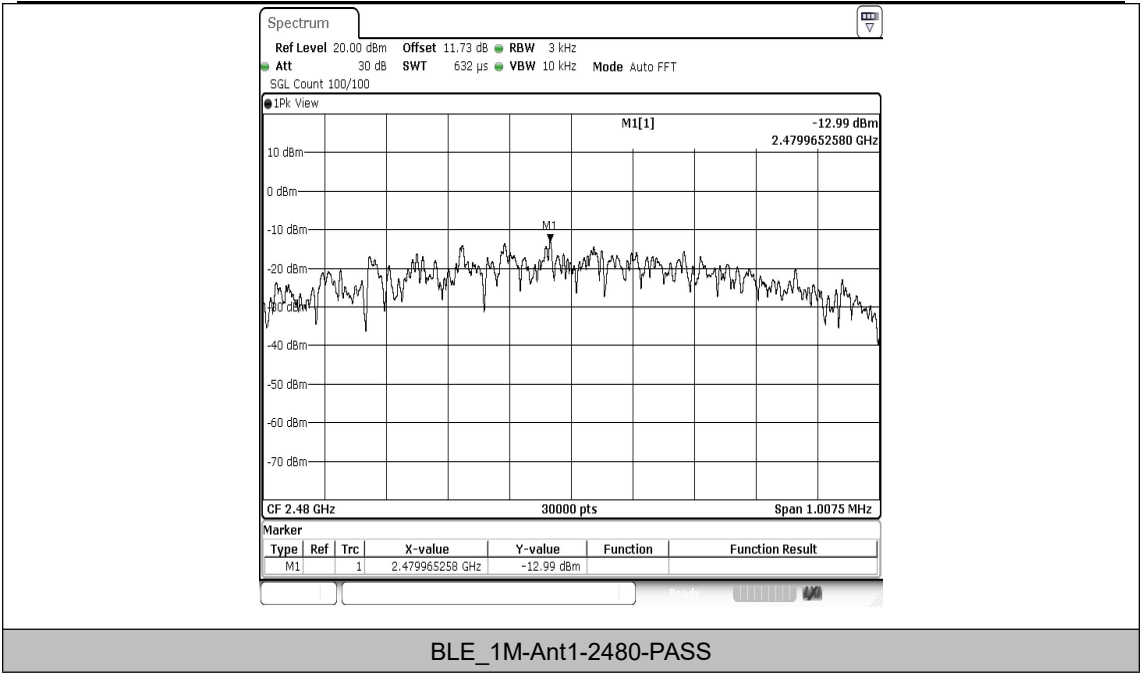
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.86	≤8.00	PASS
BLE_1M	Ant1	2440	-12.80	≤8.00	PASS
BLE_1M	Ant1	2480	-12.99	≤8.00	PASS

Test Graphs





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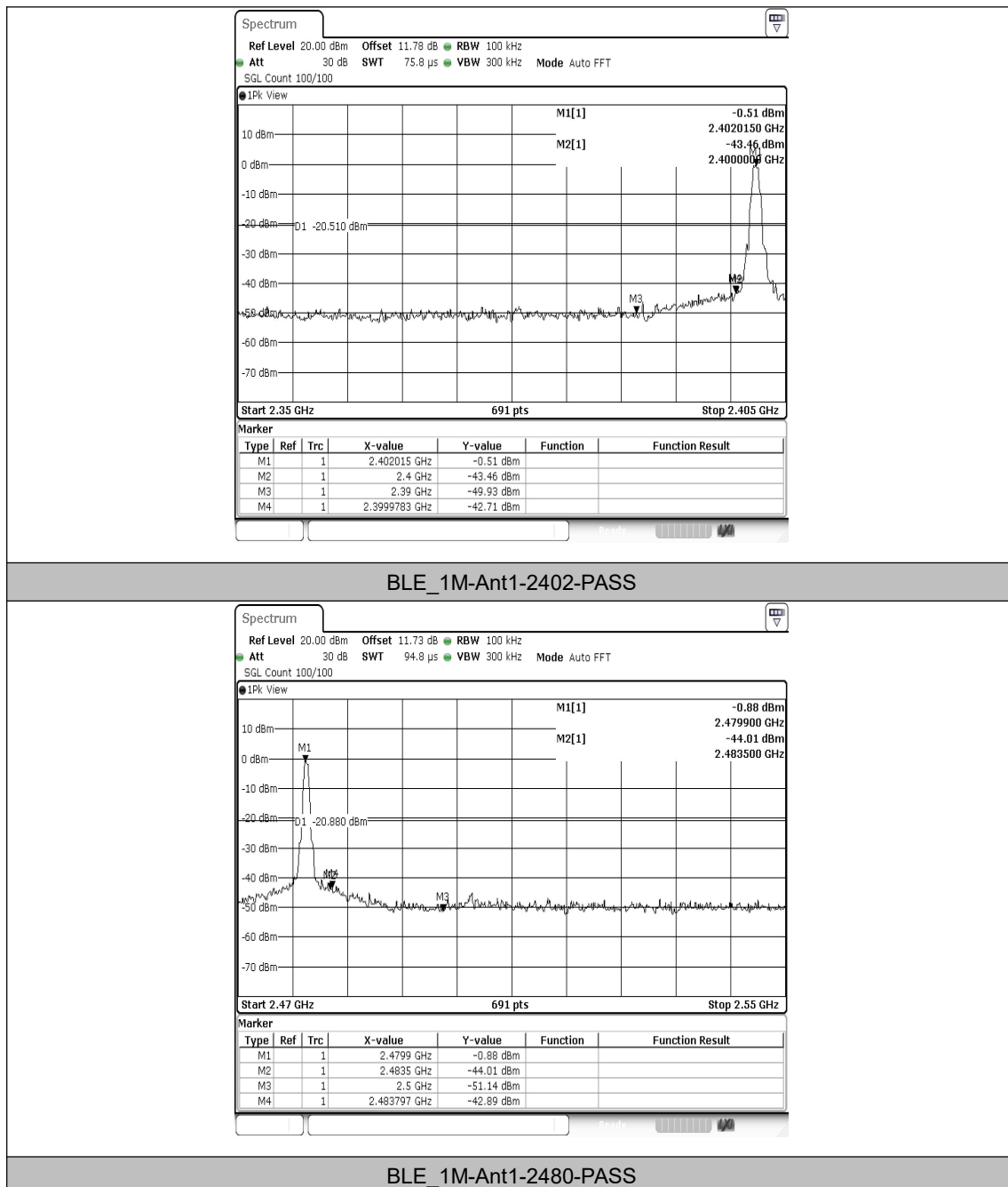
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.51	-42.71	≤-20.51	PASS
BLE_1M	Ant1	High	2480	-0.88	-42.89	≤-20.88	PASS

Test Graphs

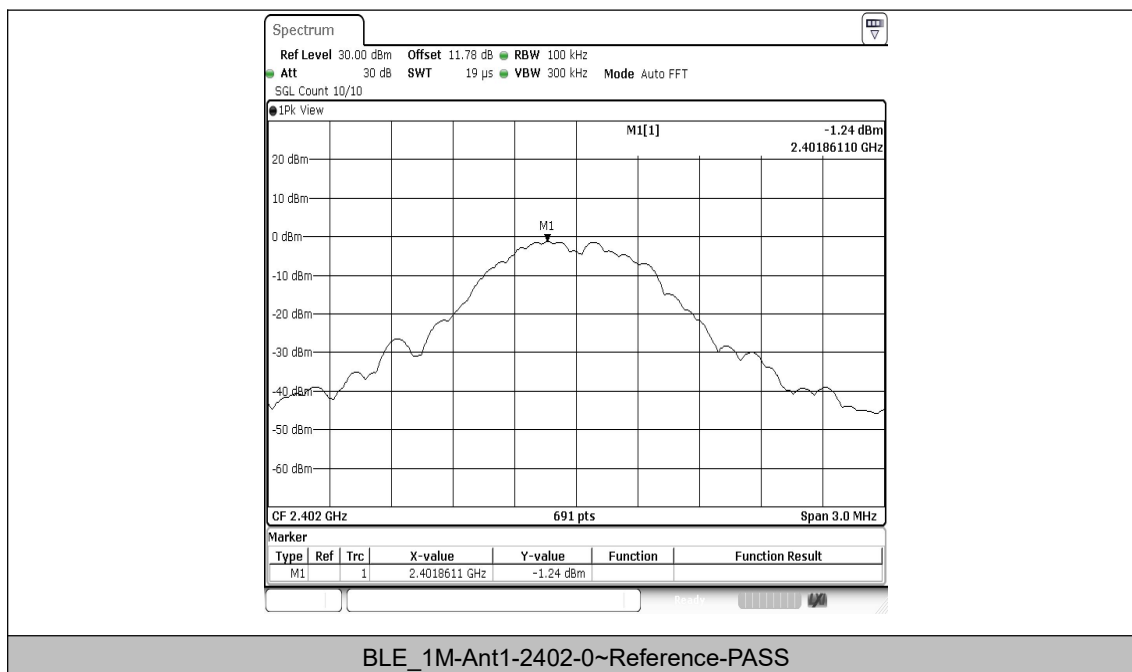


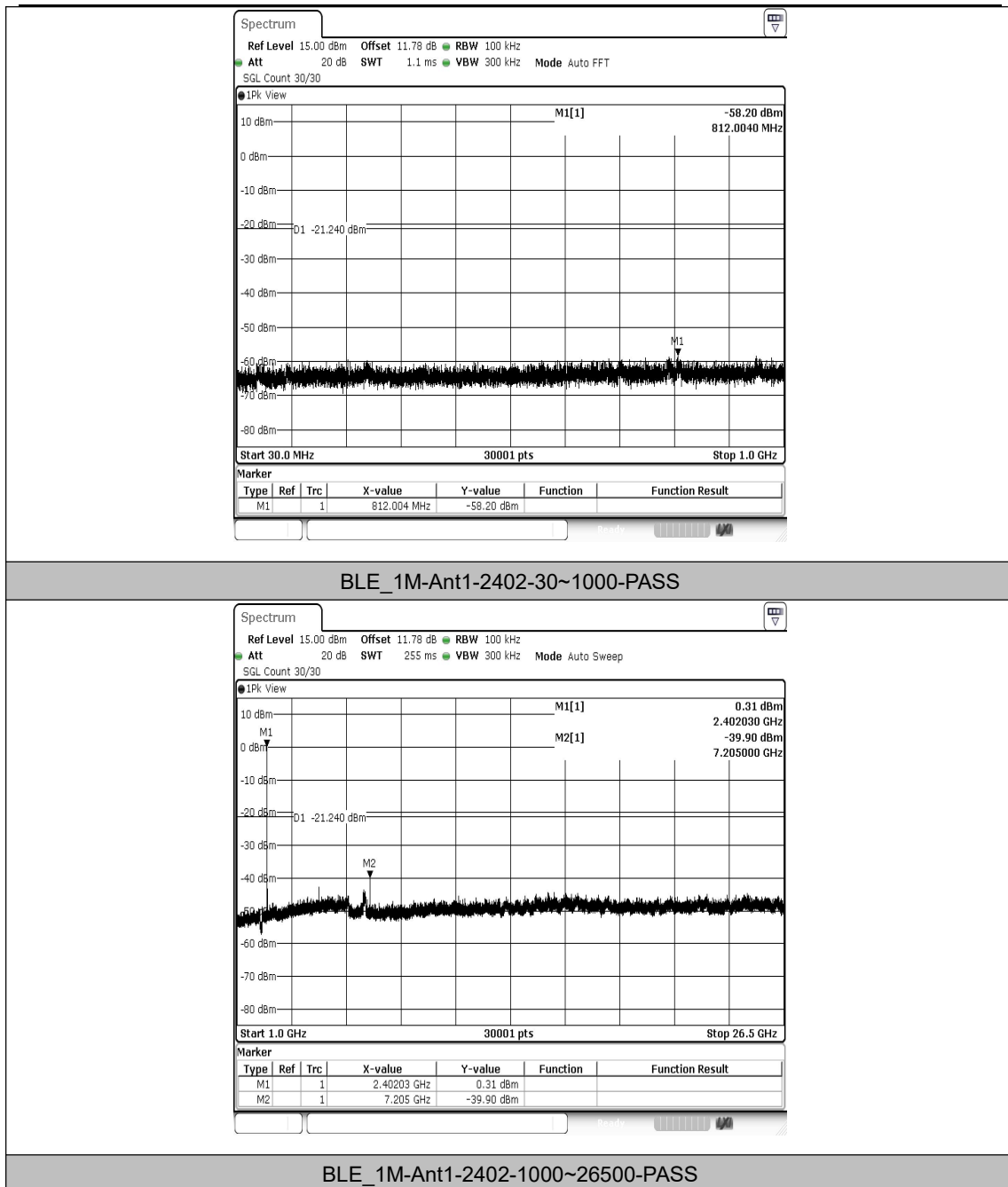
Appendix F: Conducted Spurious Emission

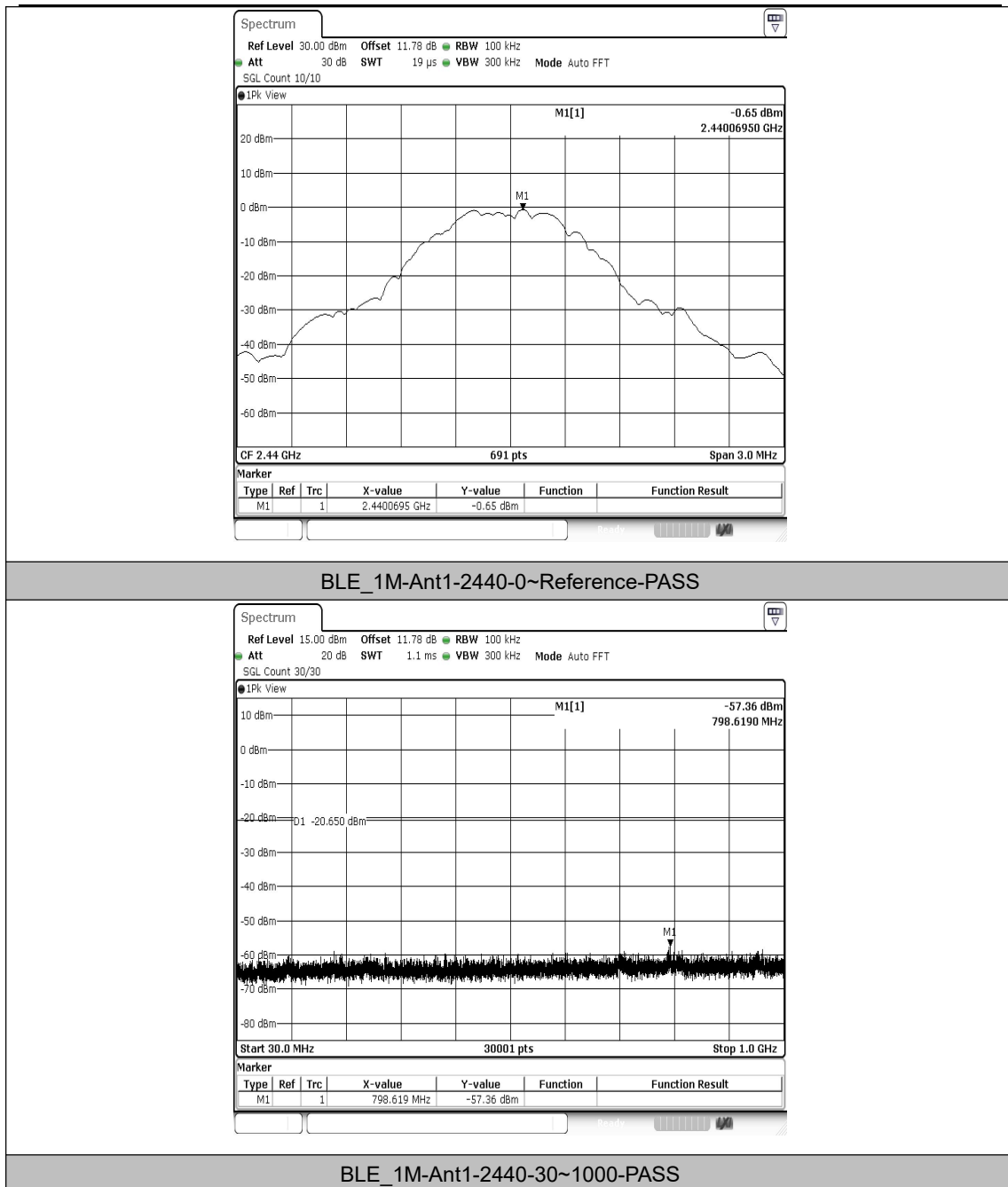
Test Result

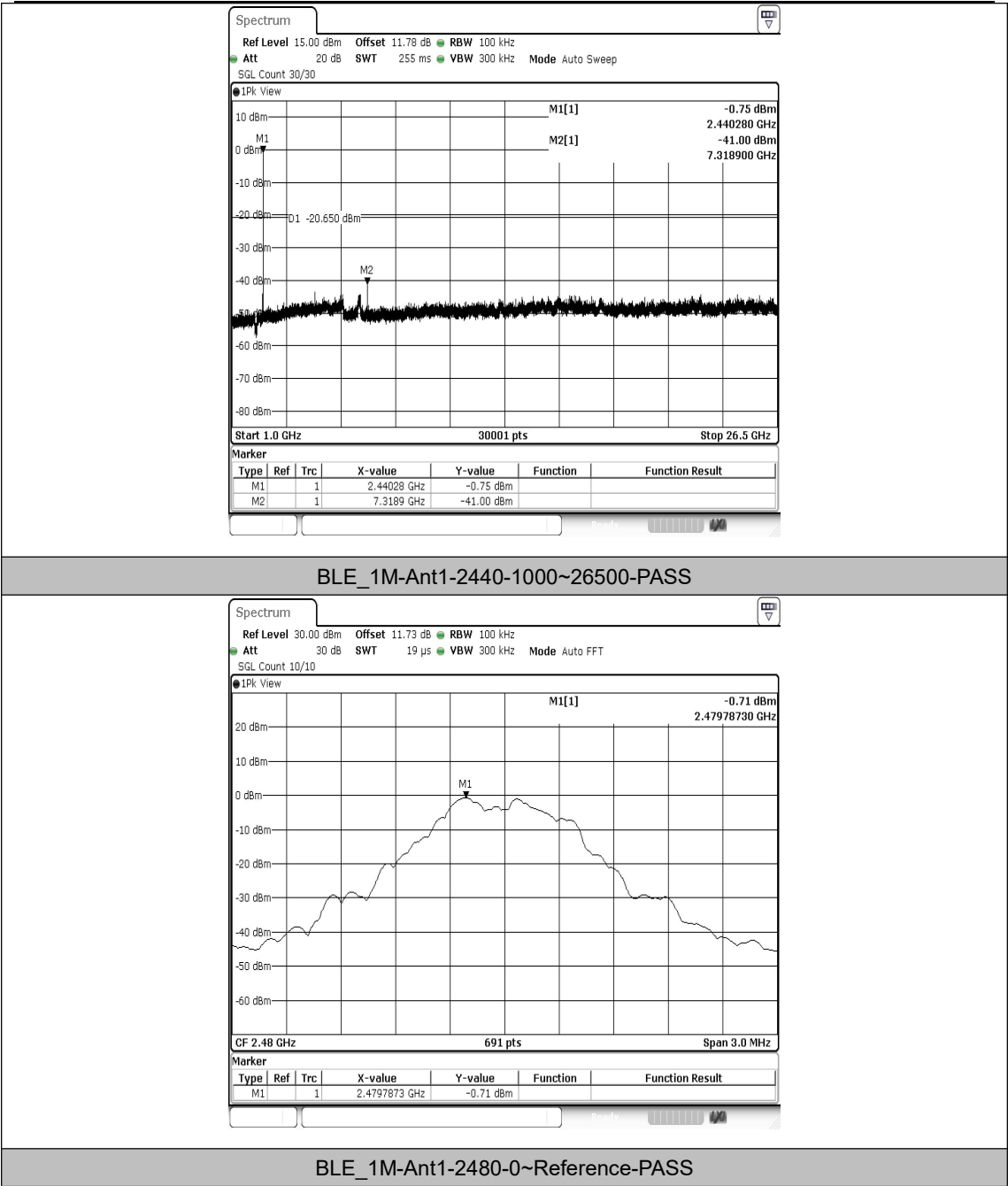
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.24	-1.24	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.24	-58.2	≤-21.24	PASS
BLE_1M	Ant1	2402	1000~26500	-1.24	-39.9	≤-21.24	PASS
BLE_1M	Ant1	2440	0~Reference	-0.65	-0.65	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.65	-57.36	≤-20.65	PASS
BLE_1M	Ant1	2440	1000~26500	-0.65	-41	≤-20.65	PASS
BLE_1M	Ant1	2480	0~Reference	-0.71	-0.71	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.71	-58.14	≤-20.71	PASS
BLE_1M	Ant1	2480	1000~26500	-0.71	-41.58	≤-20.71	PASS

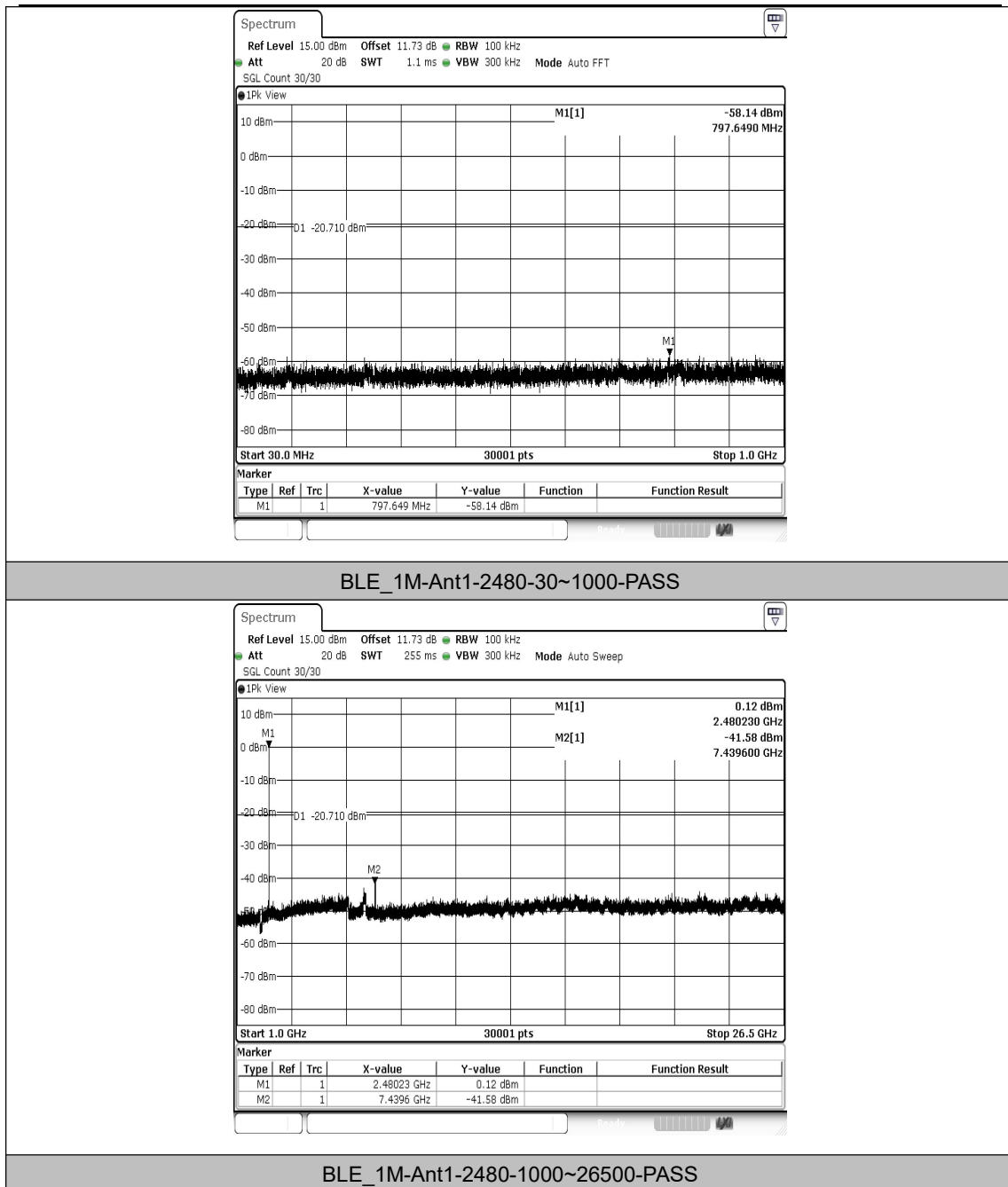
Test Graphs









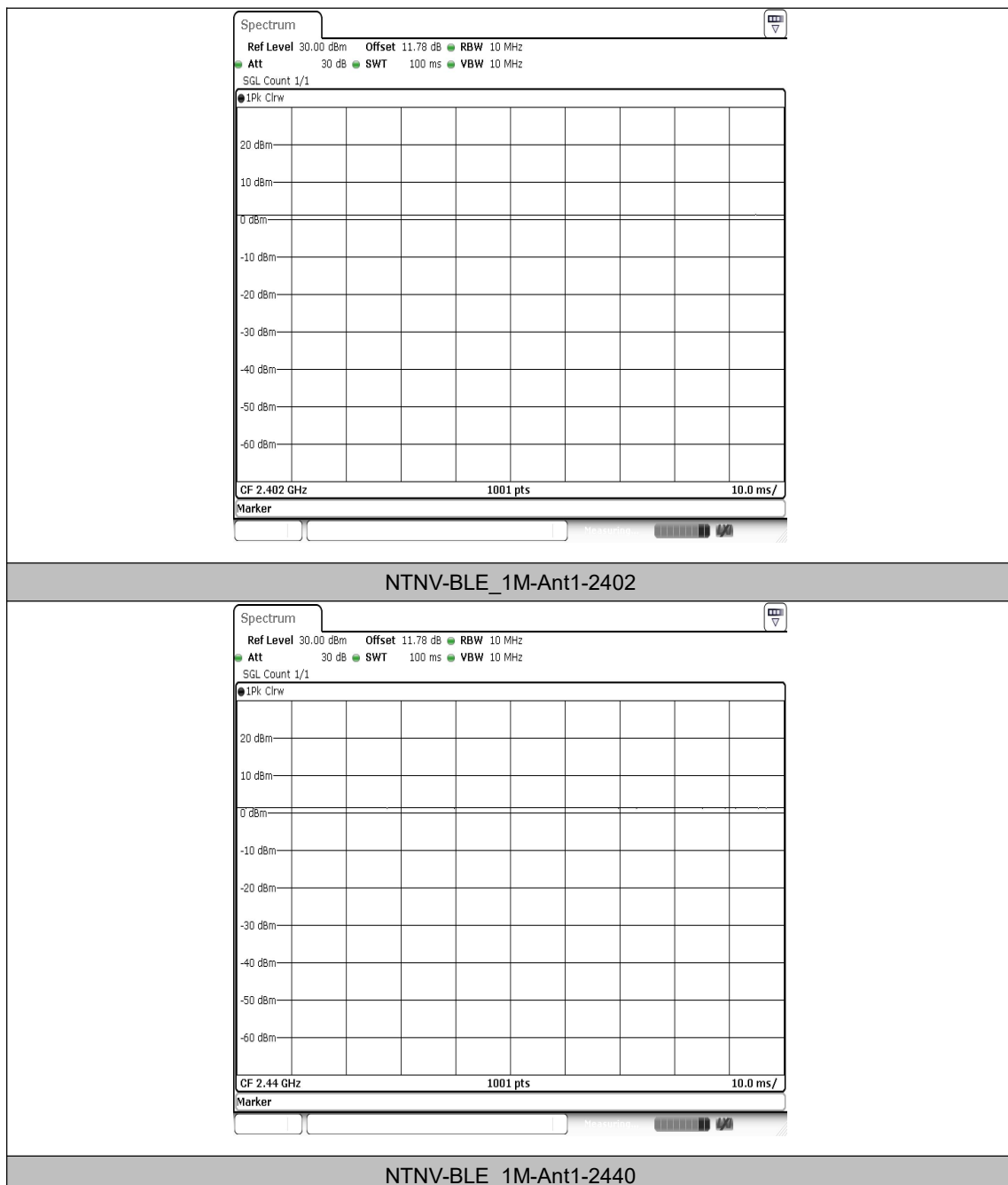


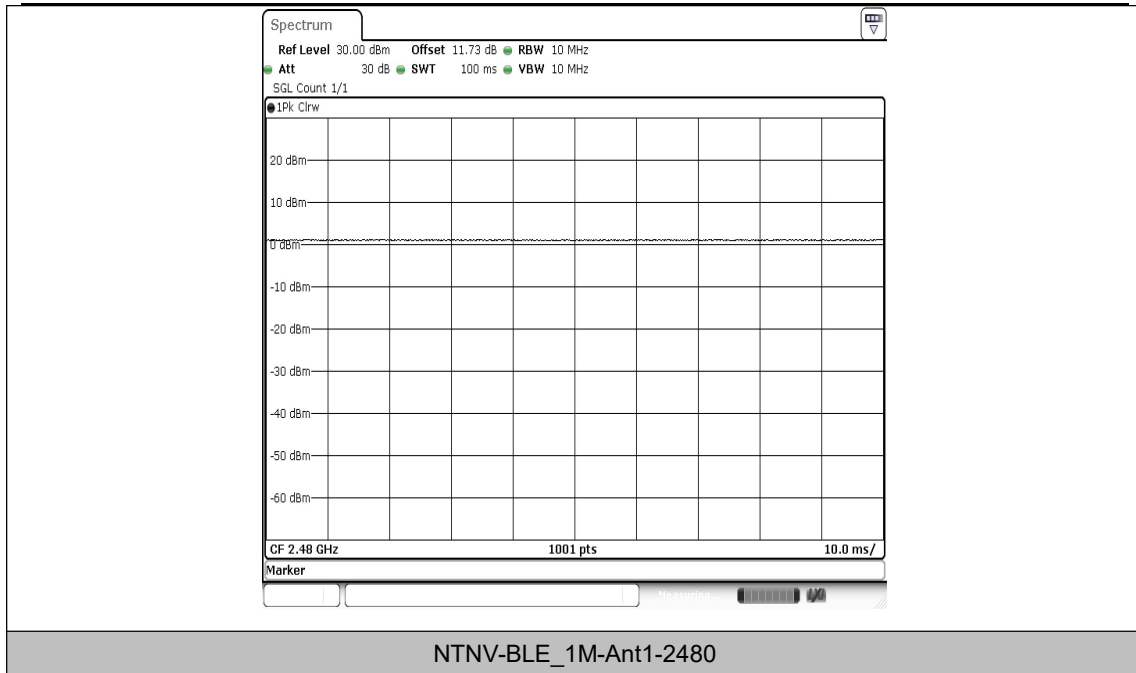
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	10.00	10.00	100	0
BLE_1M	Ant1	2440	10.00	10.00	100	0
BLE_1M	Ant1	2480	10.00	10.00	100	0

Test Graphs





---End---

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