

Appendix Test Data

Report No:	1812C40093112501	Test Sample NO:	1-2-2
Start Test Date:	2024.10.17	Finish Test Date:	2024.10.17
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24.8℃	Relative Humidity:	57%
Pressure:	101 kPa		

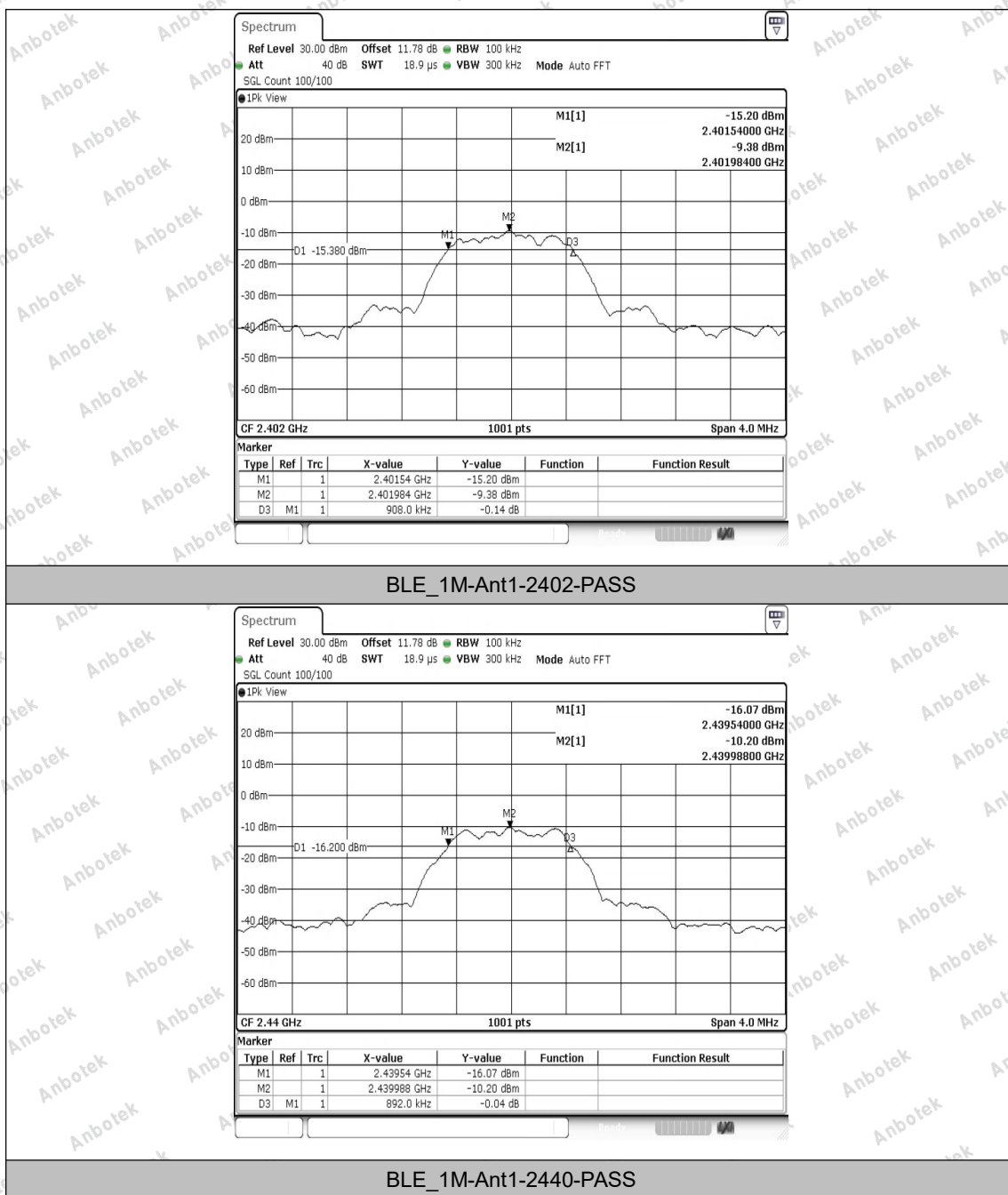
Appendix A: DTS Bandwidth

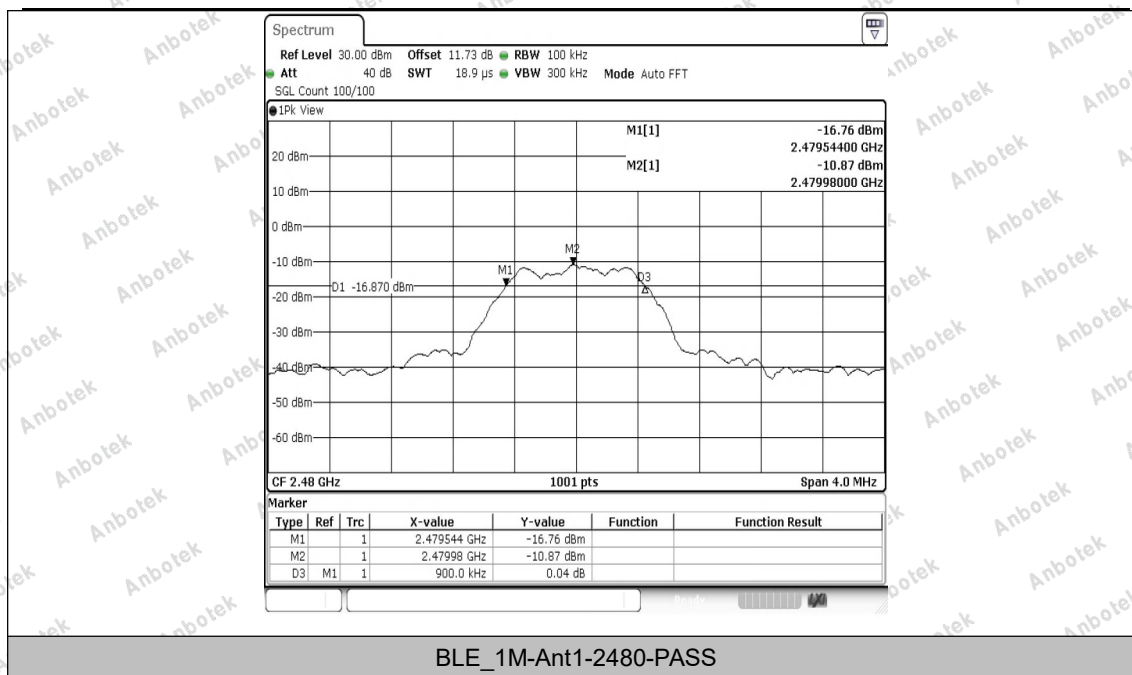
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.91	2401.54	2402.45	0.5	PASS
BLE_1M	Ant1	2440	0.89	2439.54	2440.43	0.5	PASS
BLE_1M	Ant1	2480	0.90	2479.54	2480.44	0.5	PASS



Test Graphs





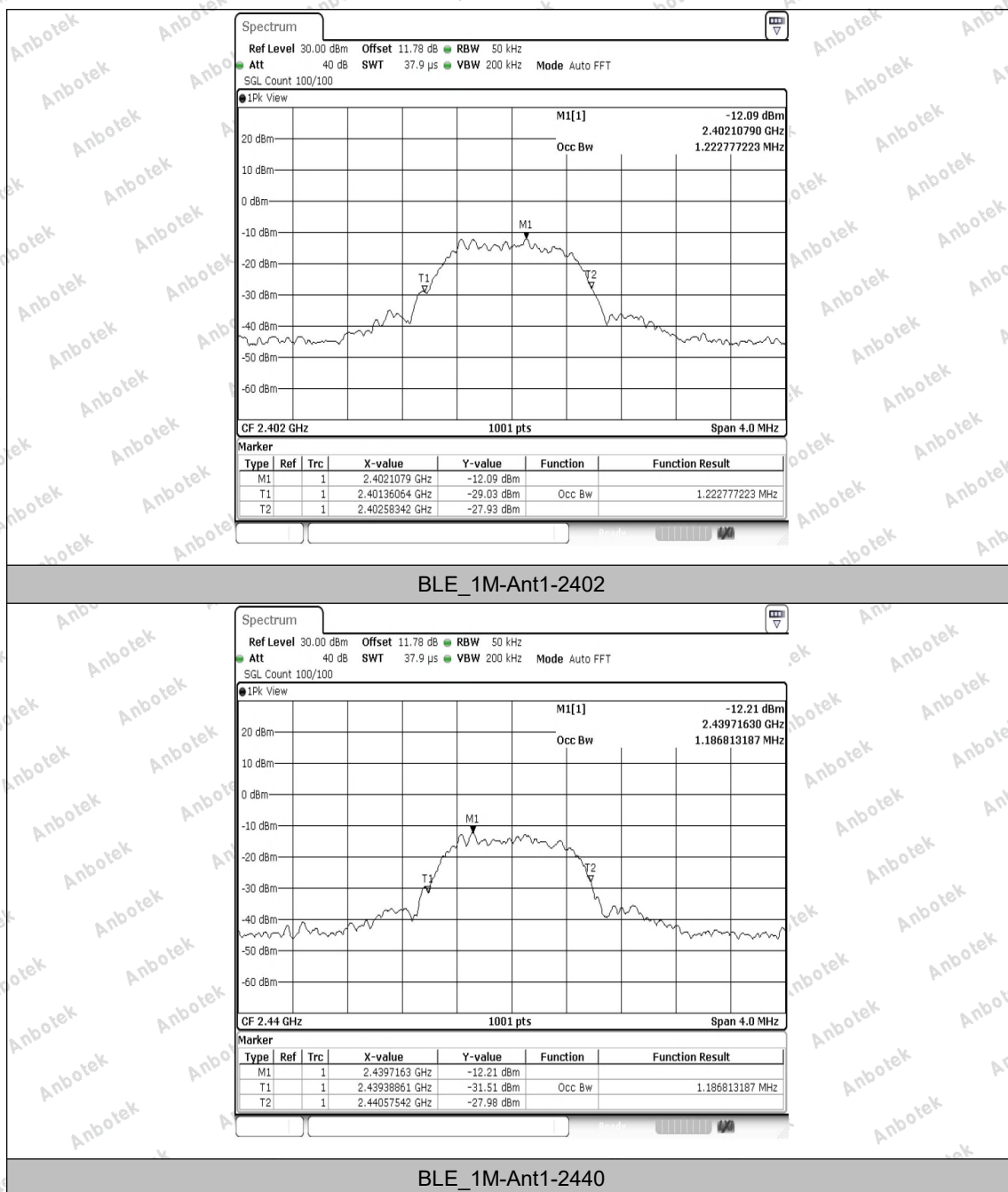
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.223	2401.3606	2402.5834	---	---
BLE_1M	Ant1	2440	1.187	2439.3886	2440.5754	---	---
BLE_1M	Ant1	2480	1.199	2479.3886	2480.5874	---	---



Test Graphs





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	-7.33	≤30	PASS
BLE_1M	Ant1	2440	-7.61	≤30	PASS
BLE_1M	Ant1	2480	-8.62	≤30	PASS

Test Graphs Peak



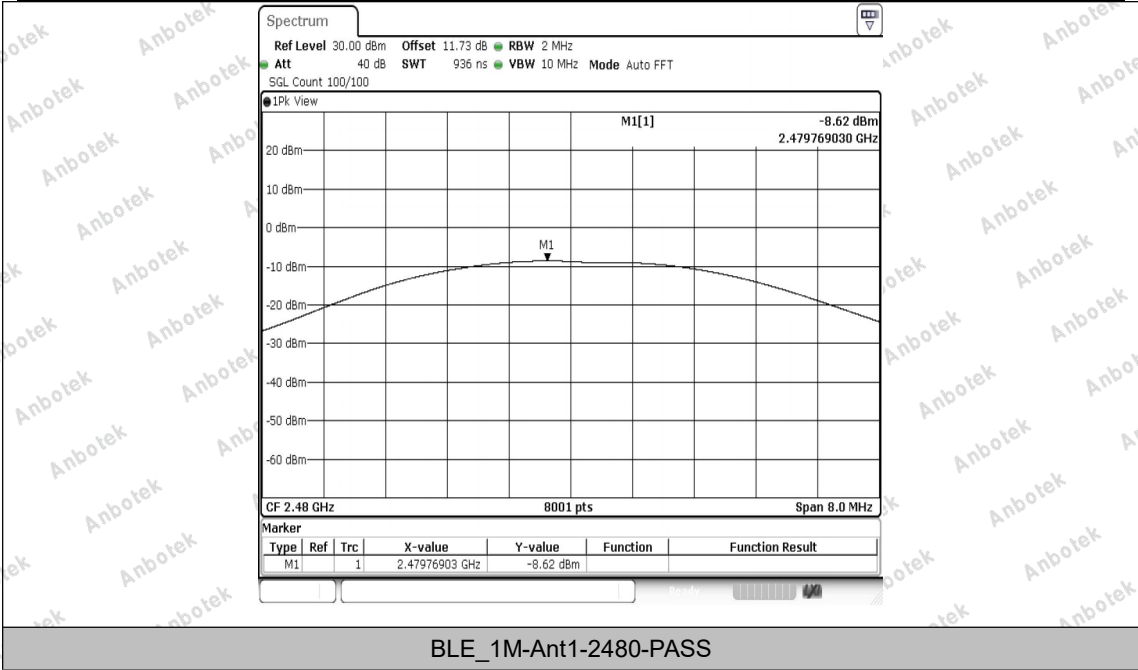
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
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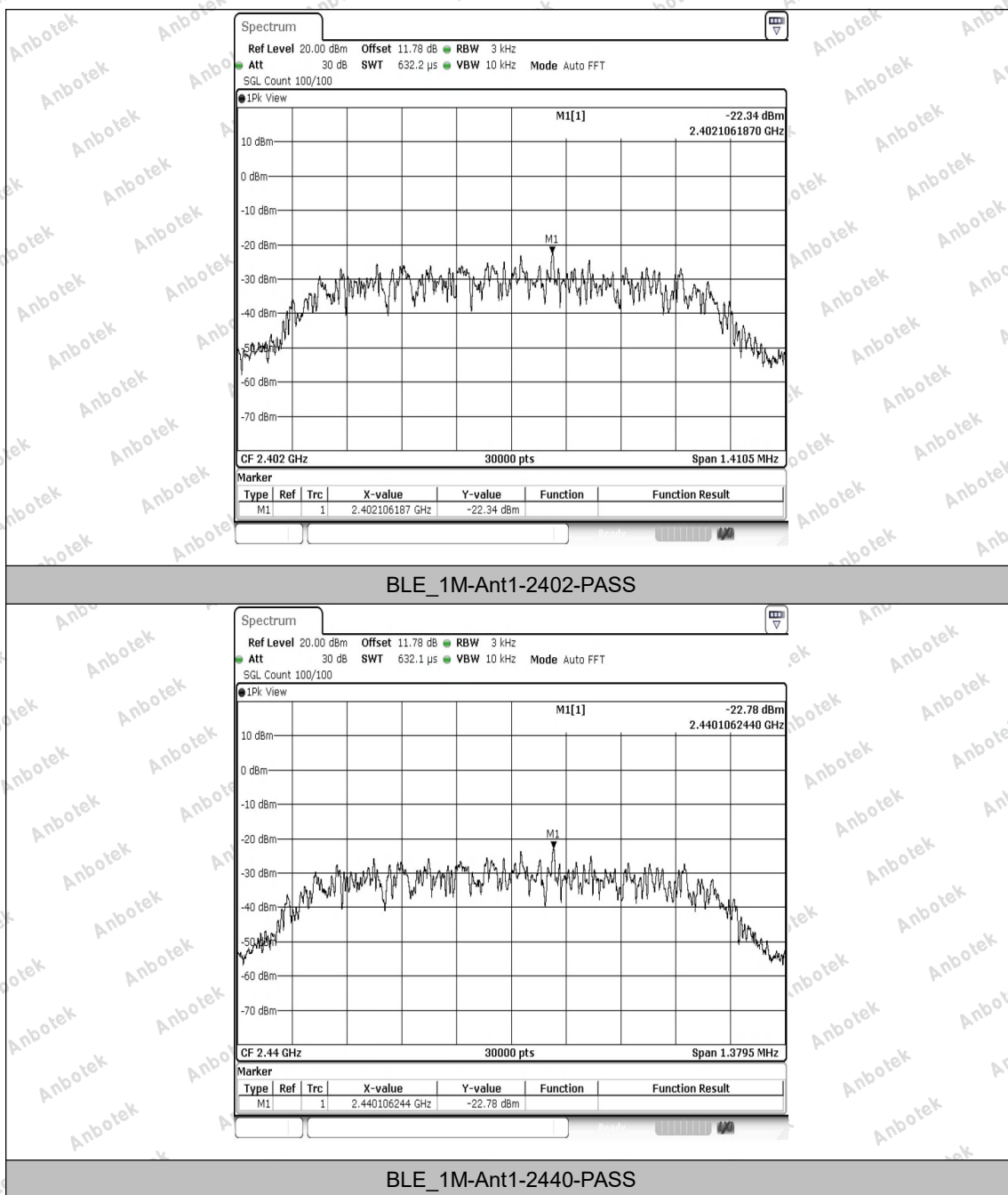
Appendix D: Maximum power spectral density

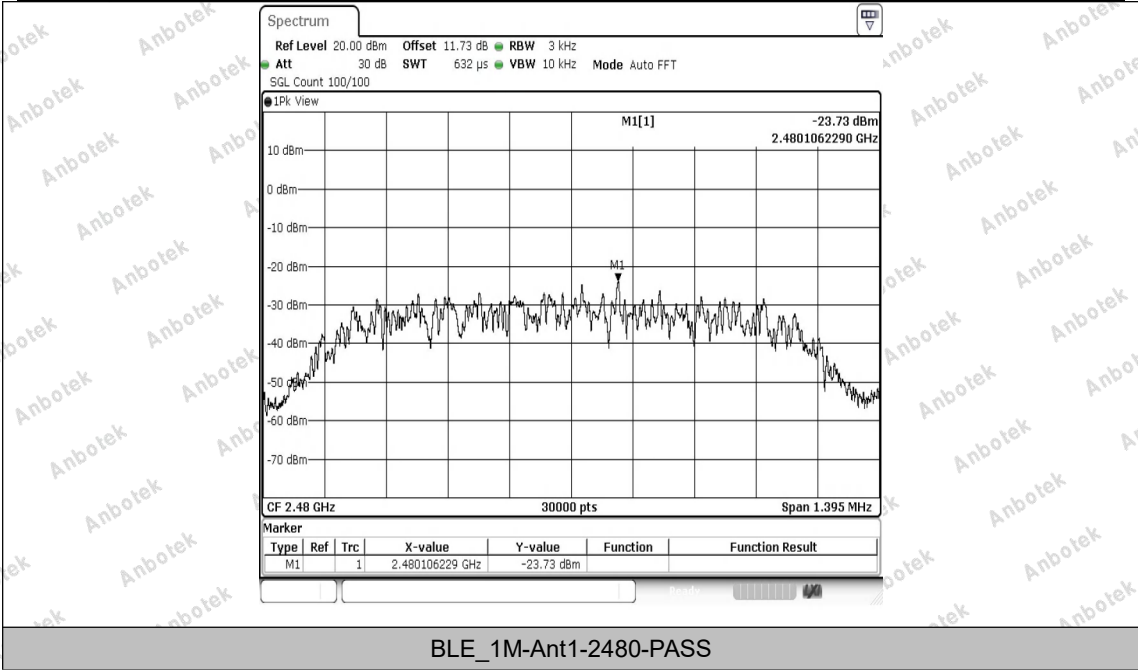
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-22.34	≤8.00	PASS
BLE_1M	Ant1	2440	-22.78	≤8.00	PASS
BLE_1M	Ant1	2480	-23.73	≤8.00	PASS



Test Graphs





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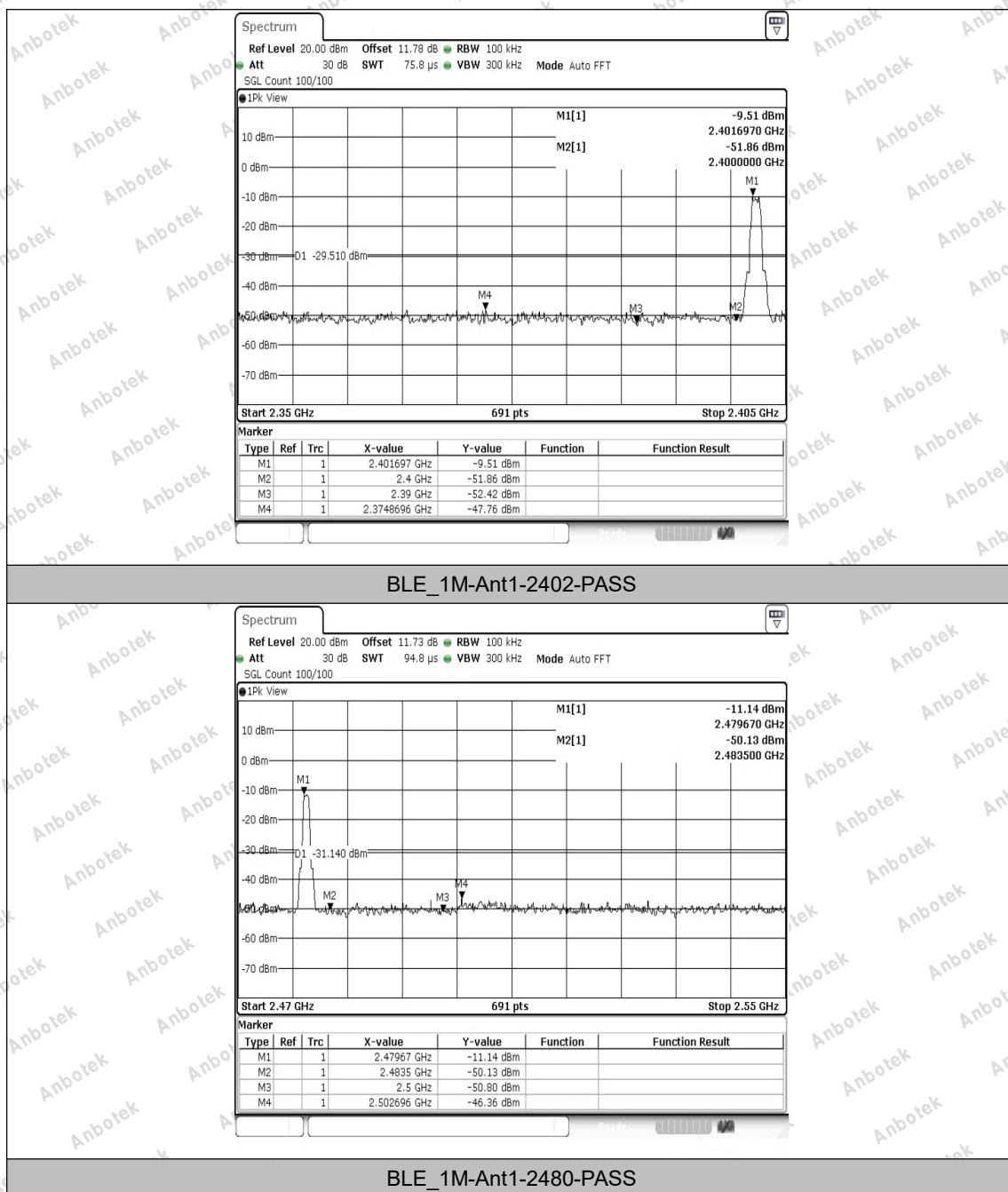
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-9.51	-47.76	≤-29.51	PASS
BLE_1M	Ant1	High	2480	-11.14	-46.36	≤-31.14	PASS



Test Graphs



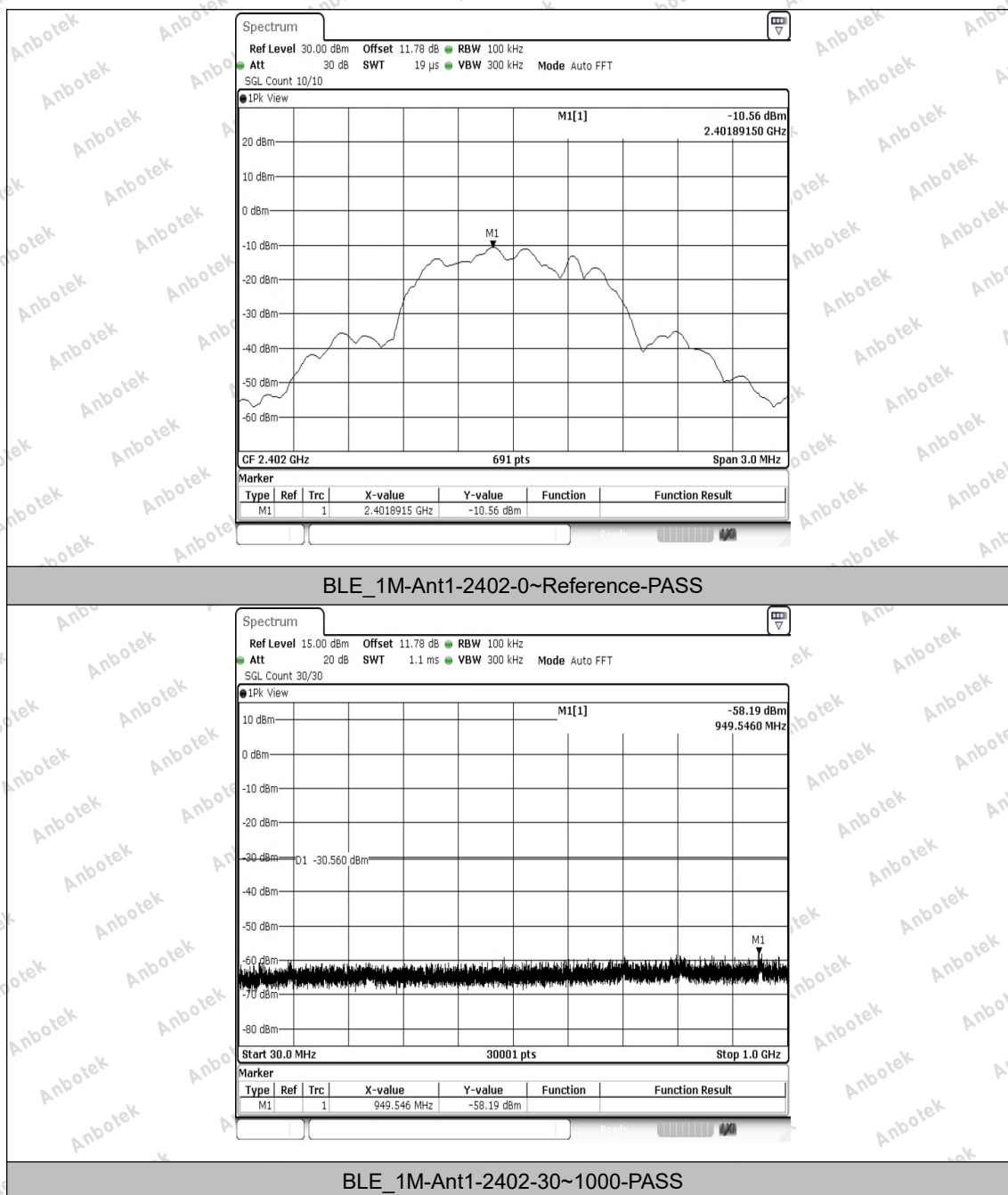
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-10.56	-10.56	---	PASS
BLE_1M	Ant1	2402	30~1000	-10.56	-58.19	≤-30.56	PASS
BLE_1M	Ant1	2402	1000~26500	-10.56	-37.09	≤-30.56	PASS
BLE_1M	Ant1	2440	0~Reference	-12.19	-12.19	---	PASS
BLE_1M	Ant1	2440	30~1000	-12.19	-57.67	≤-32.19	PASS
BLE_1M	Ant1	2440	1000~26500	-12.19	-43.34	≤-32.19	PASS
BLE_1M	Ant1	2480	0~Reference	-12.80	-12.80	---	PASS
BLE_1M	Ant1	2480	30~1000	-12.80	-57.98	≤-32.8	PASS
BLE_1M	Ant1	2480	1000~26500	-12.80	-43.64	≤-32.8	PASS

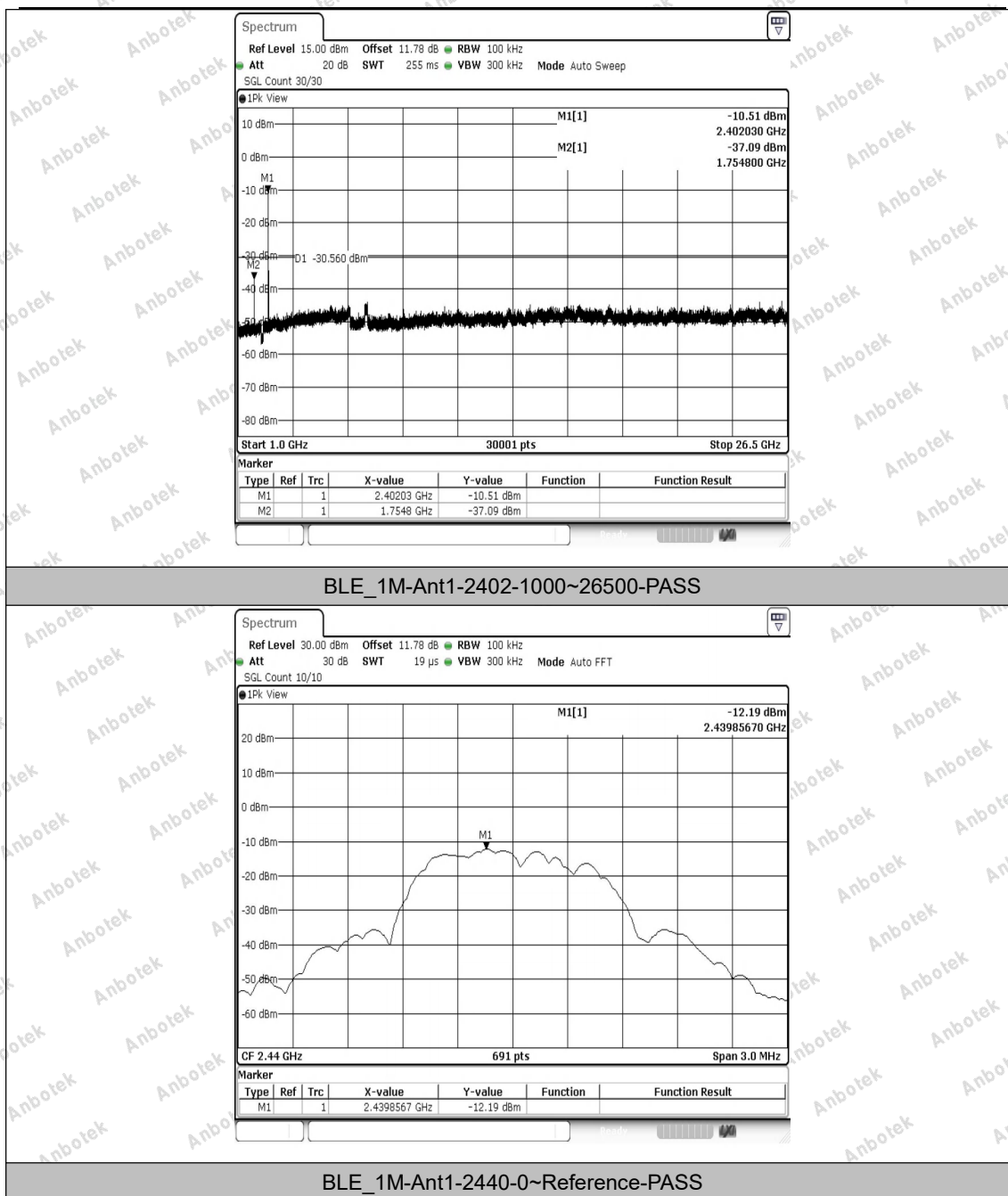


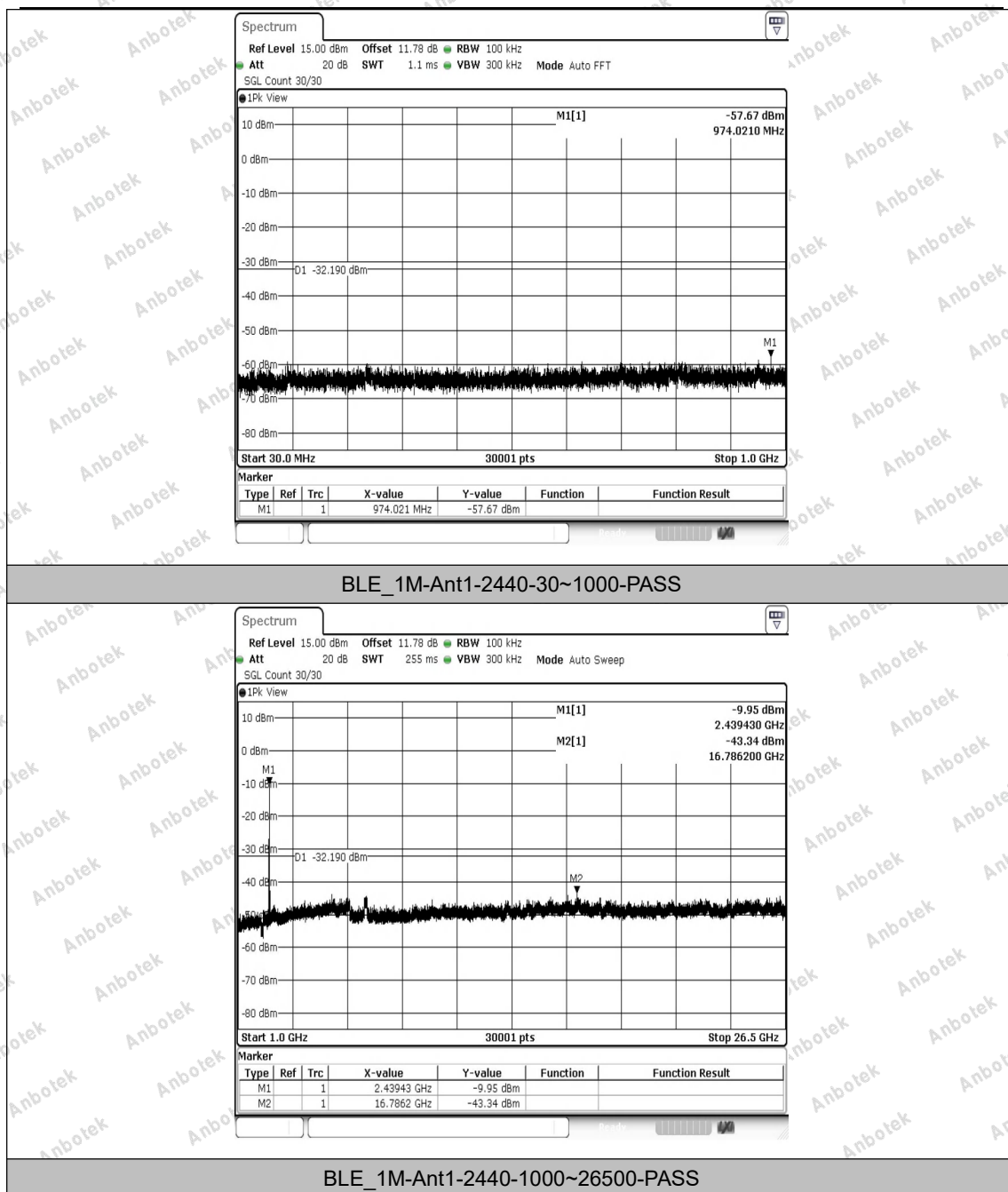
Test Graphs

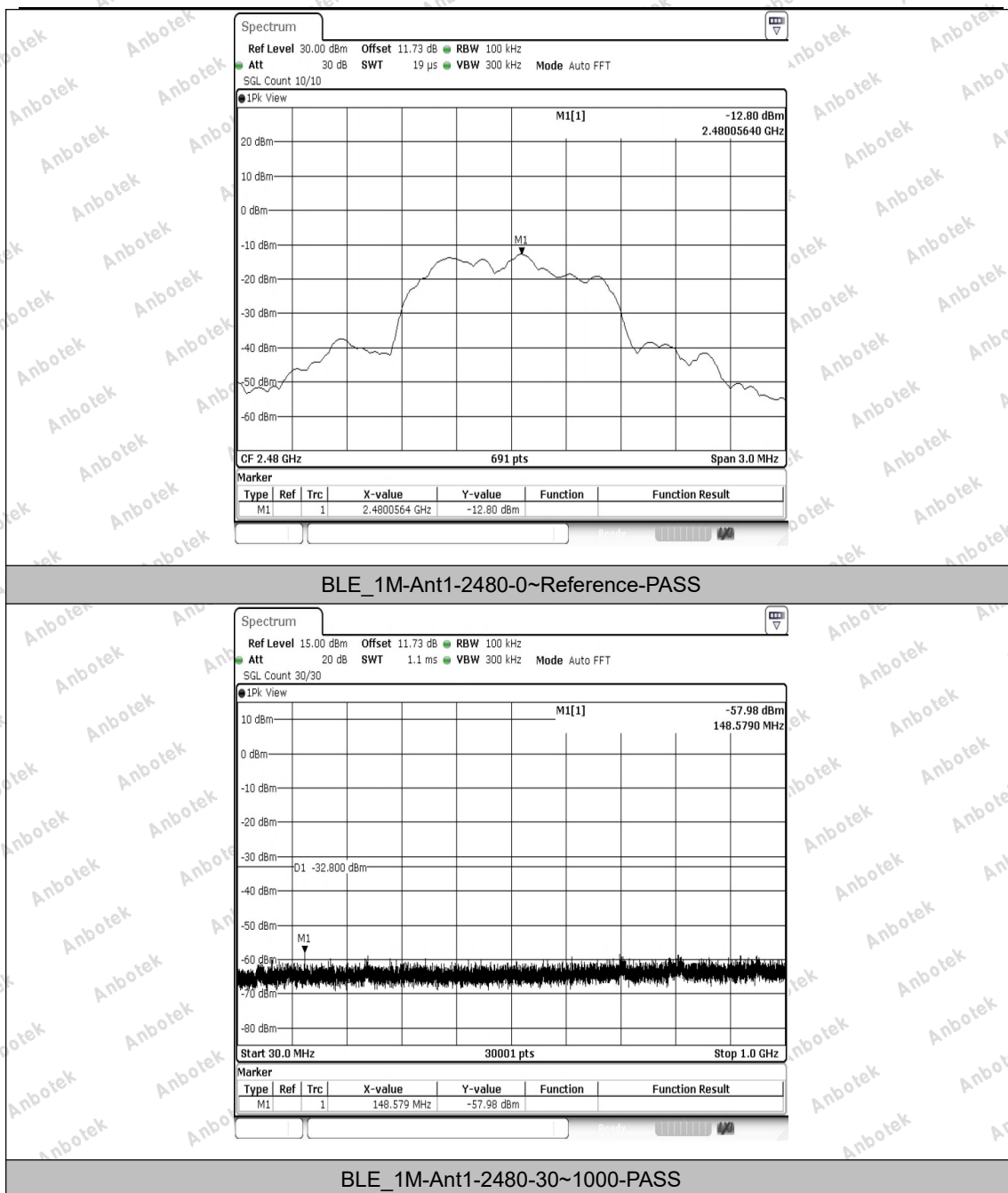


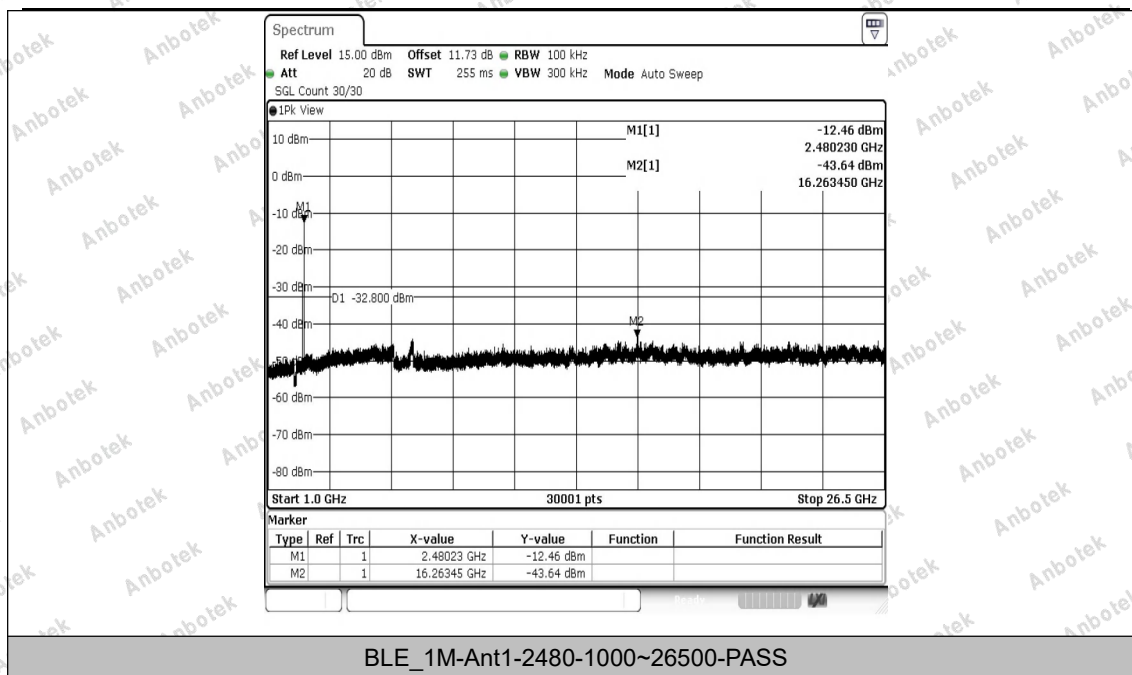
BLE_1M-Ant1-2402-30~1000-PASS











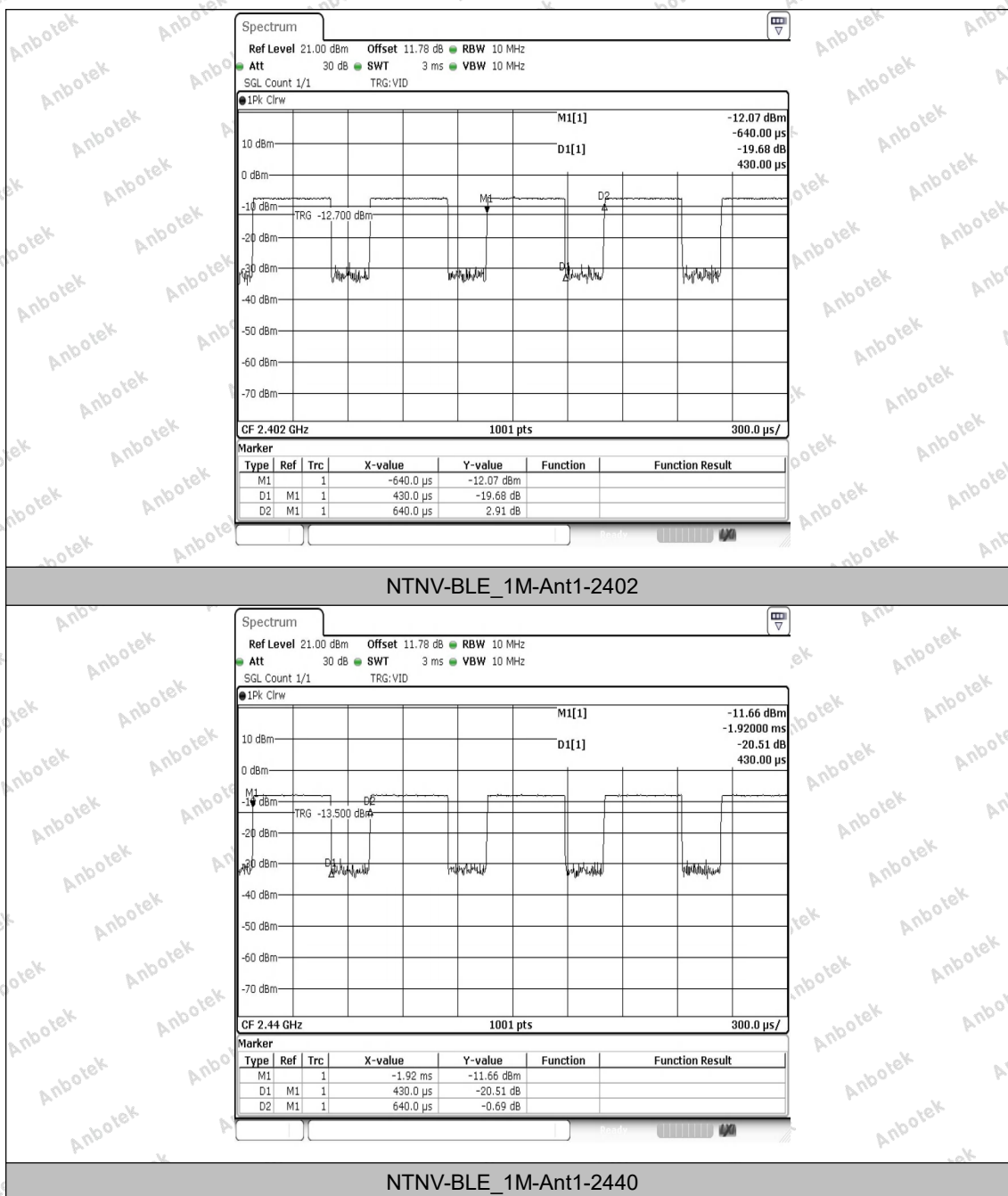
Appendix G: Duty Cycle

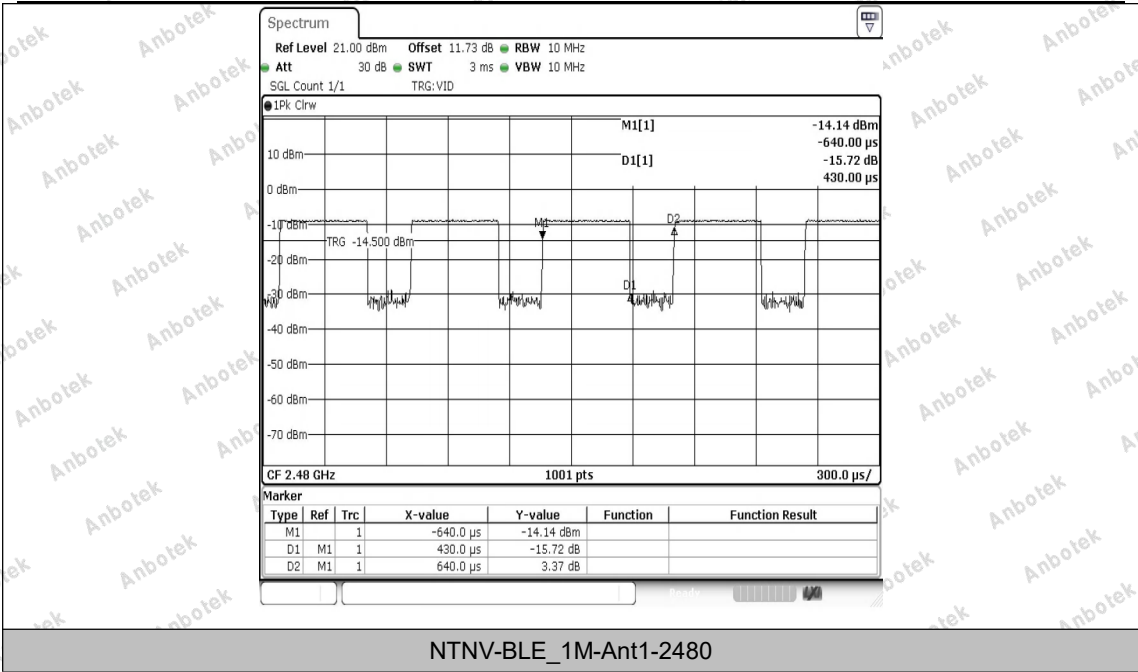
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.43	0.64	67.19	1.73
BLE_1M	Ant1	2440	0.43	0.64	67.19	1.73
BLE_1M	Ant1	2480	0.43	0.64	67.19	1.73



Test Graphs





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