

Appendix Test Data

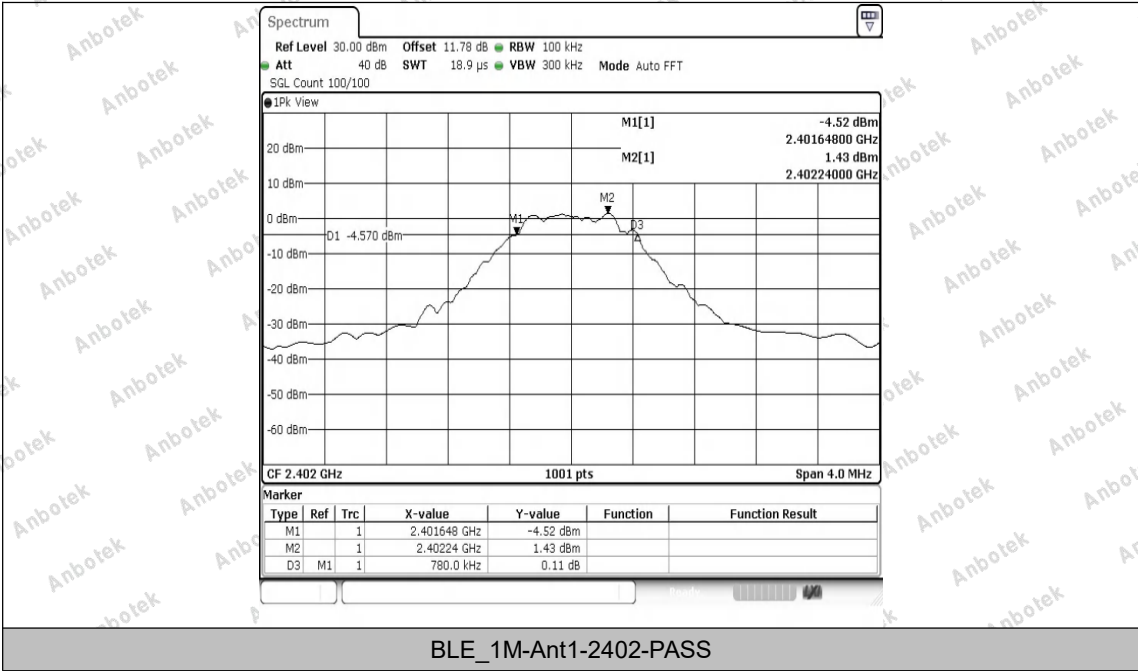
Report No:	1812C40100412501	Test Sample NO:	1-2-2
Start Test Date:	2024.10.14	Finish Test Date:	2024.10.14
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.3℃	Relative Humidity:	56%
Pressure:	101 kPa		

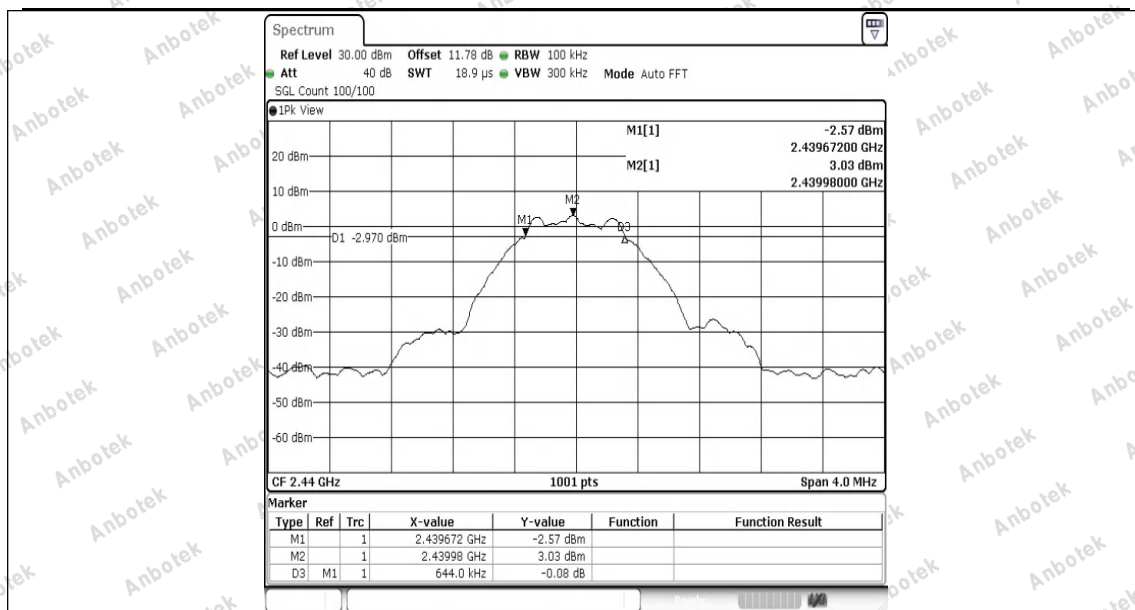
Appendix A: DTS Bandwidth

Test Result

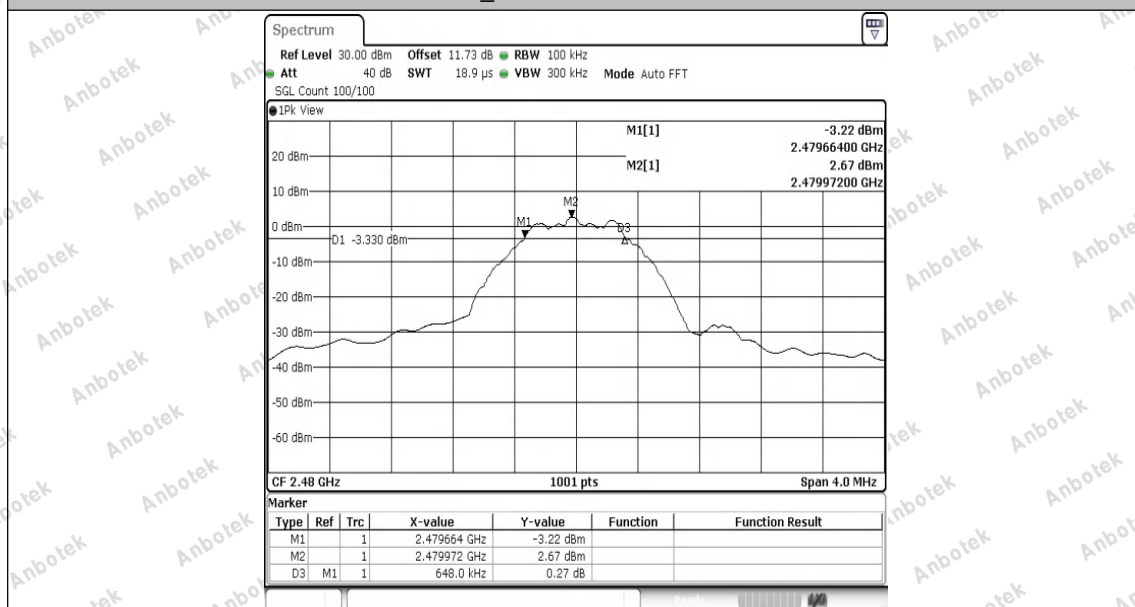
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.78	2401.65	2402.43	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.67	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.66	2480.31	0.5	PASS

Test Graphs





BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS

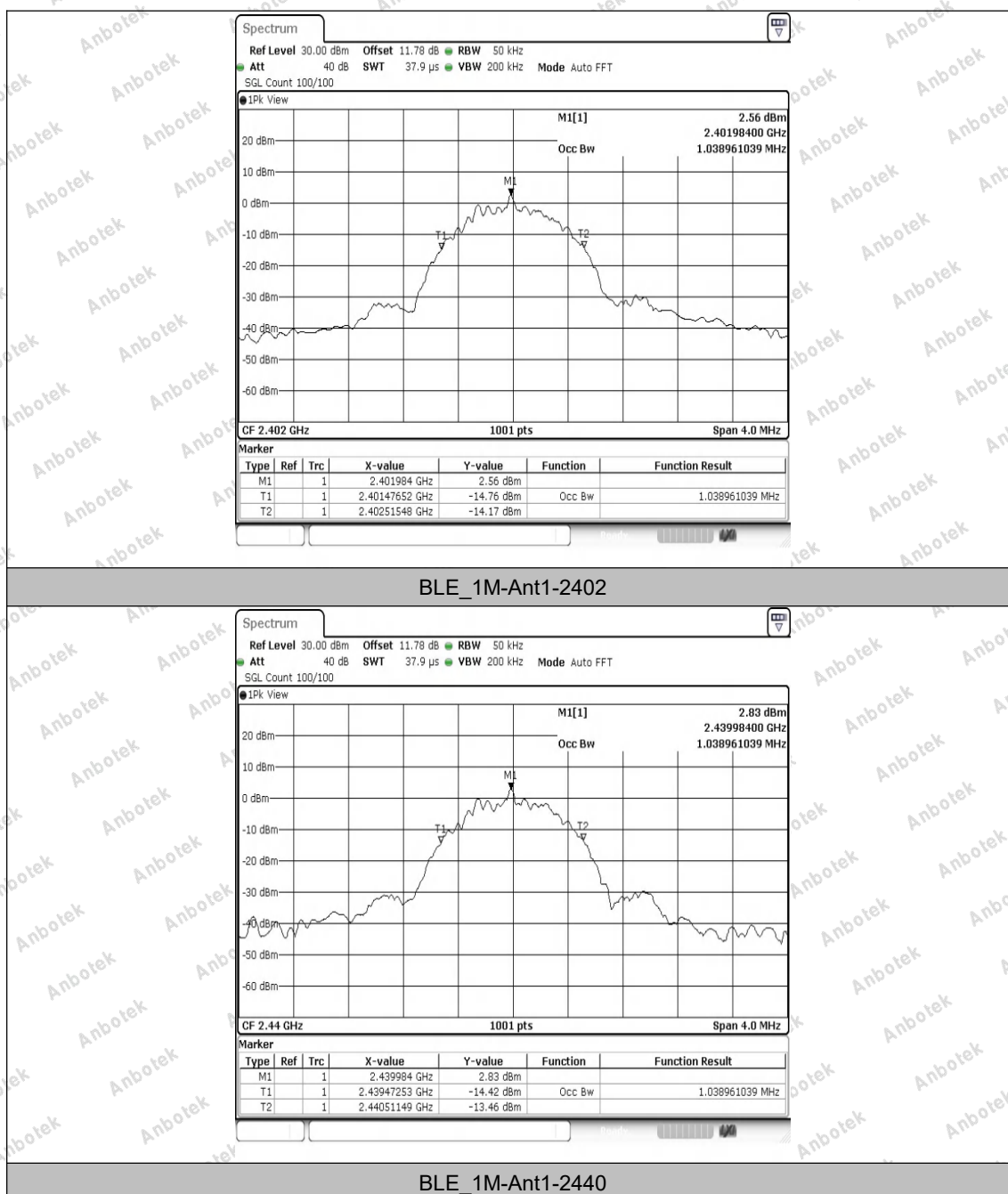


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.4765	2402.5155	---	---
BLE_1M	Ant1	2440	1.039	2439.4725	2440.5115	---	---
BLE_1M	Ant1	2480	1.027	2479.4805	2480.5075	---	---

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	2.81	≤30	PASS
BLE_1M	Ant1	2440	3.19	≤30	PASS
BLE_1M	Ant1	2480	2.88	≤30	PASS

Test Graphs Peak



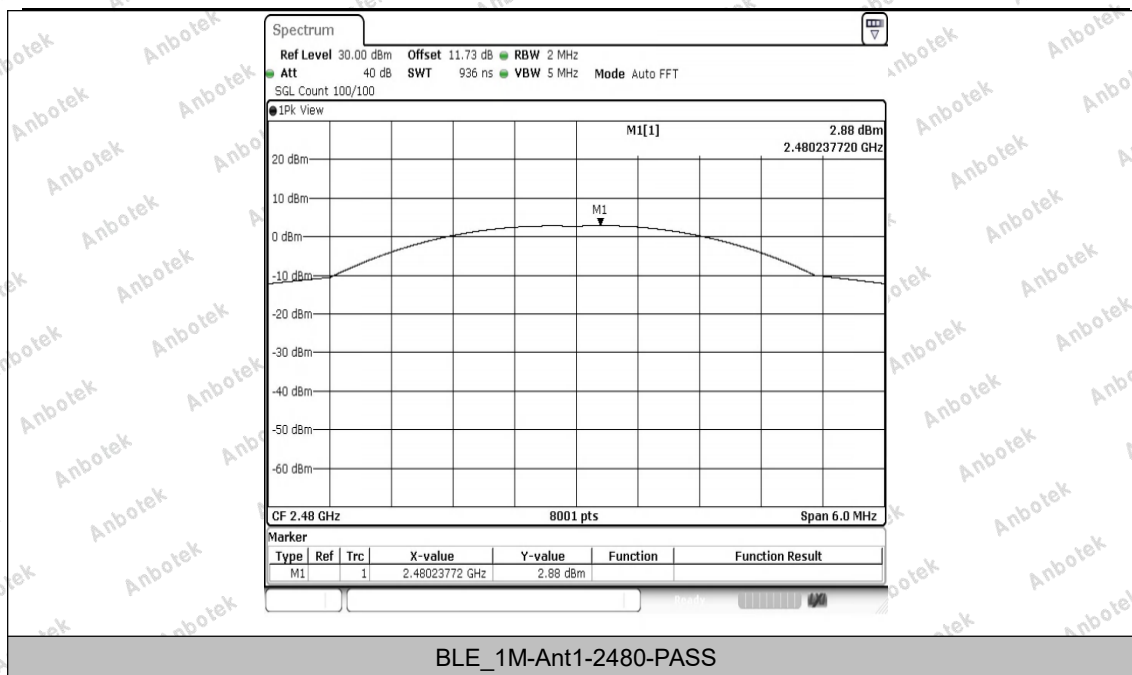
Shenzhen Anbotek Compliance Laboratory Limited

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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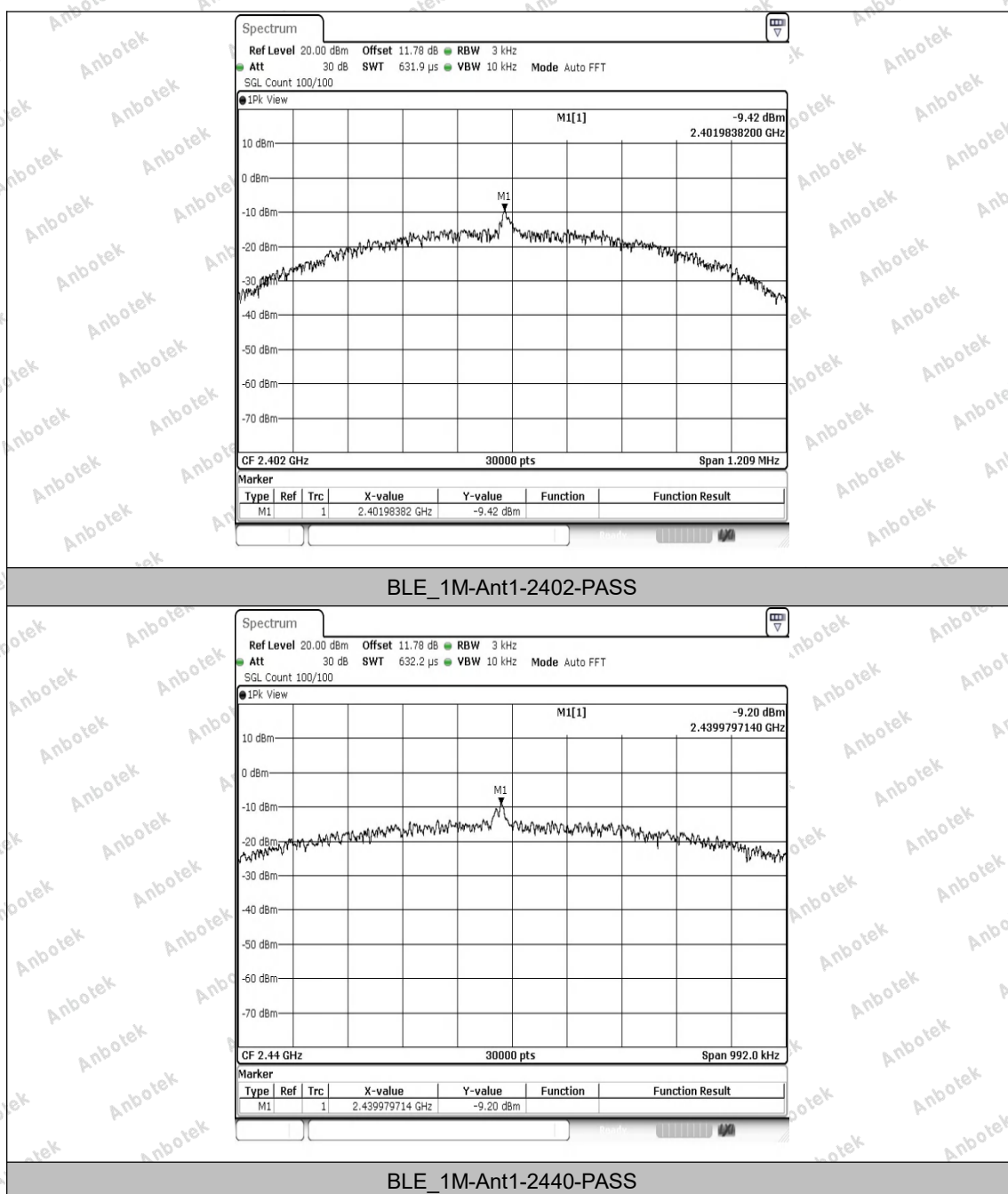


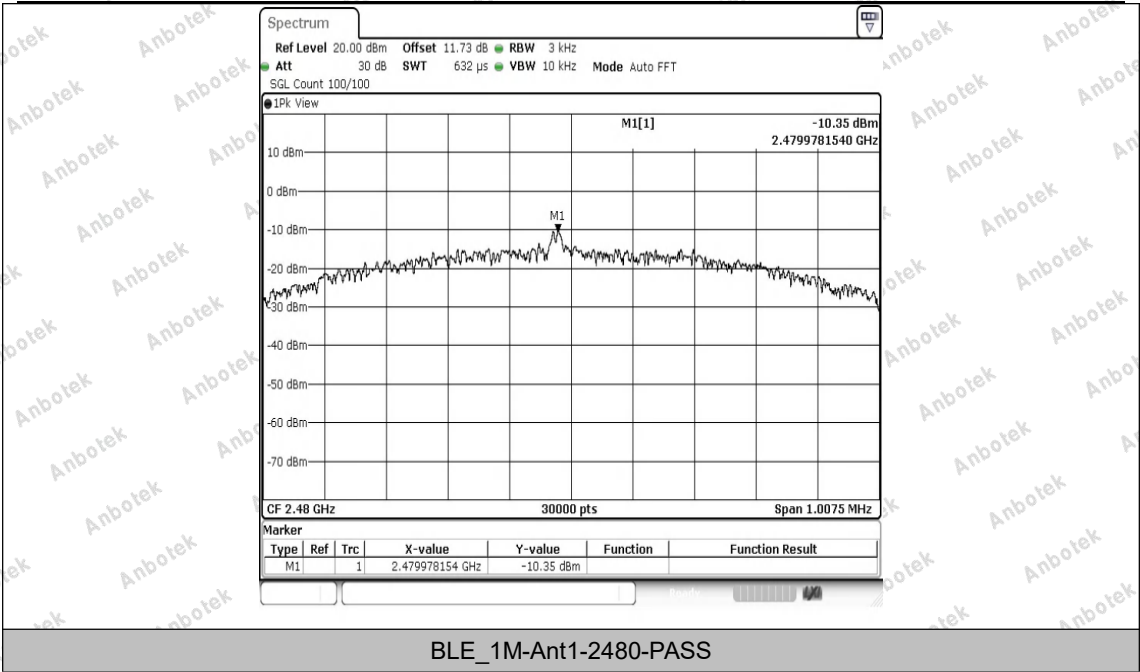
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.42	≤8.00	PASS
BLE_1M	Ant1	2440	-9.20	≤8.00	PASS
BLE_1M	Ant1	2480	-10.35	≤8.00	PASS

Test Graphs



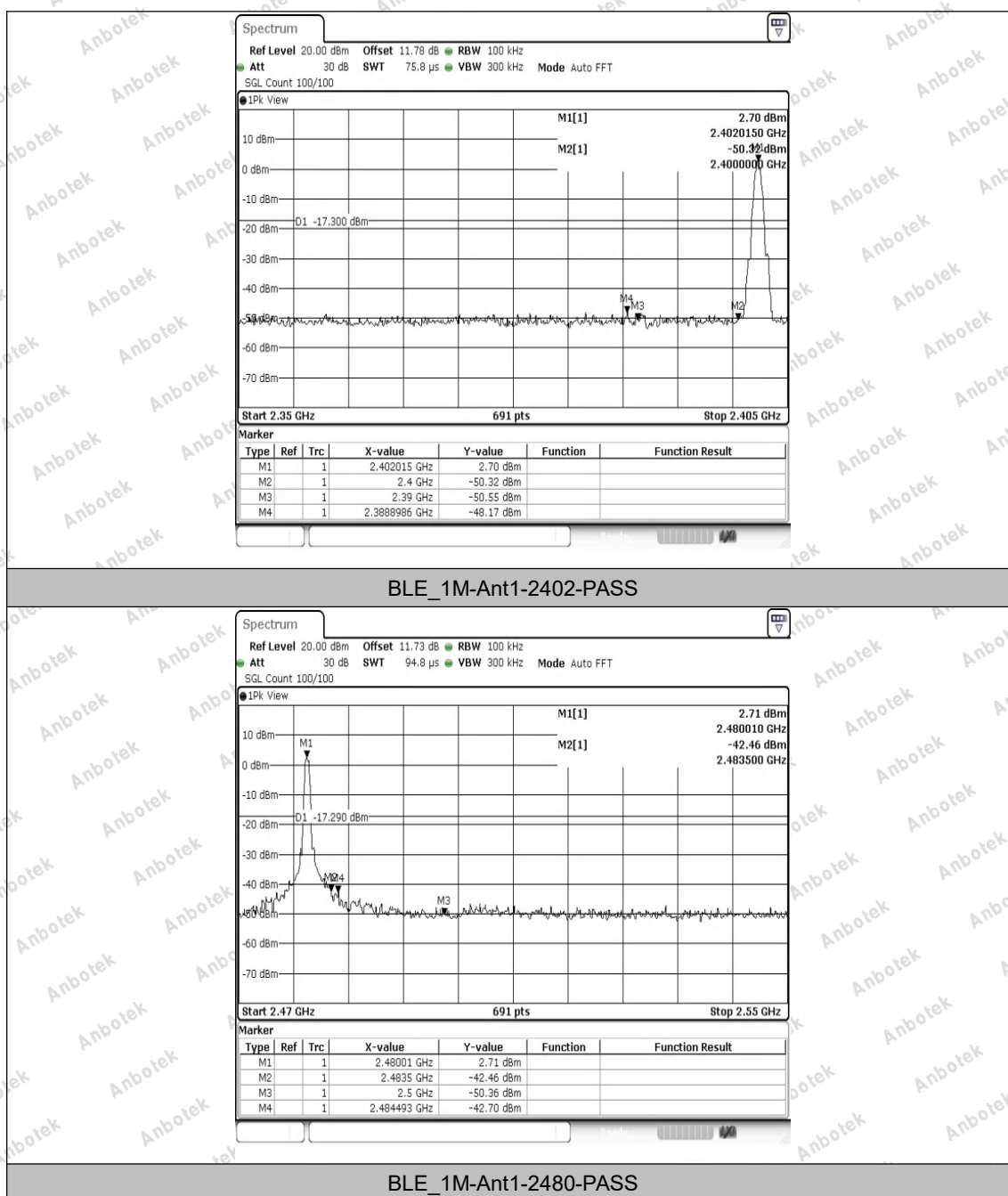


Appendix E: Band edge measurements

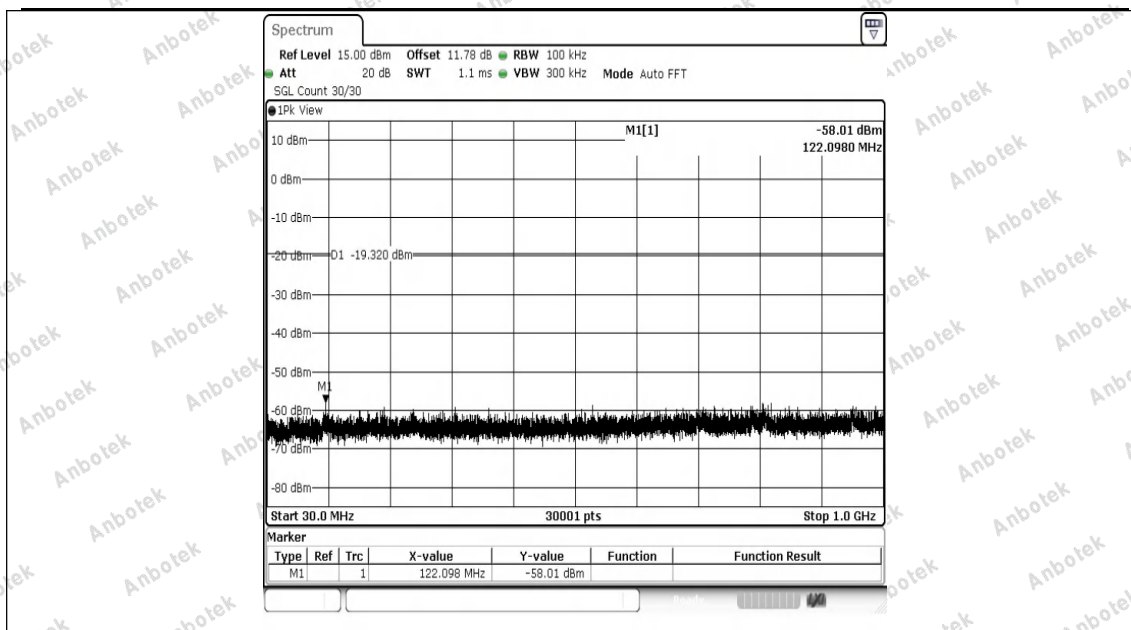
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.70	-48.17	≤-17.3	PASS
BLE_1M	Ant1	High	2480	2.71	-42.7	≤-17.29	PASS

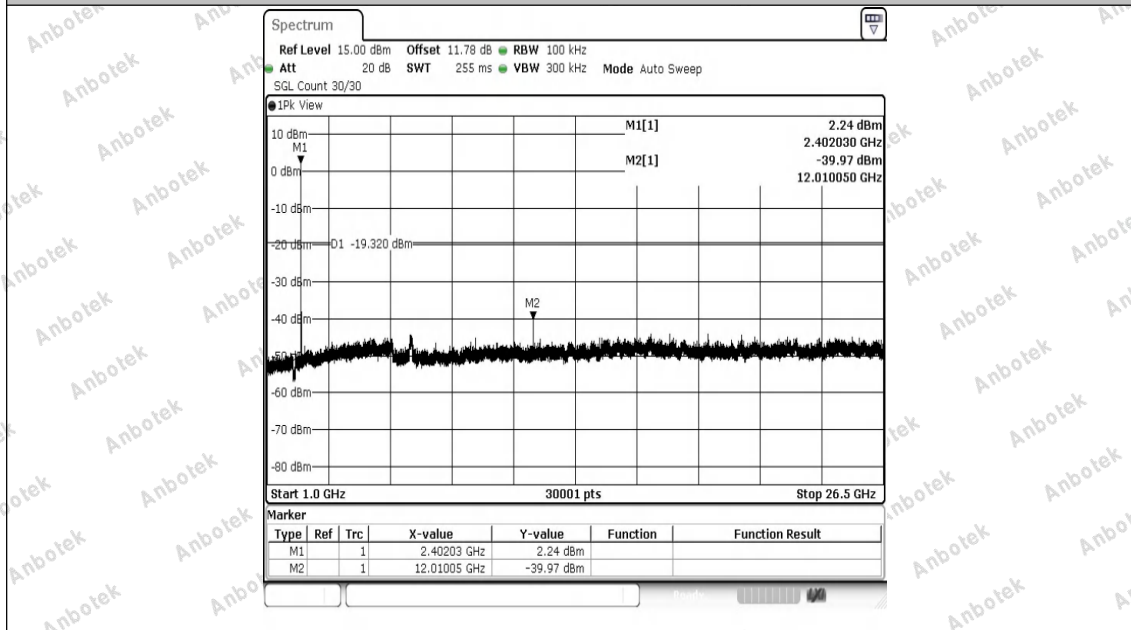
Test Graphs





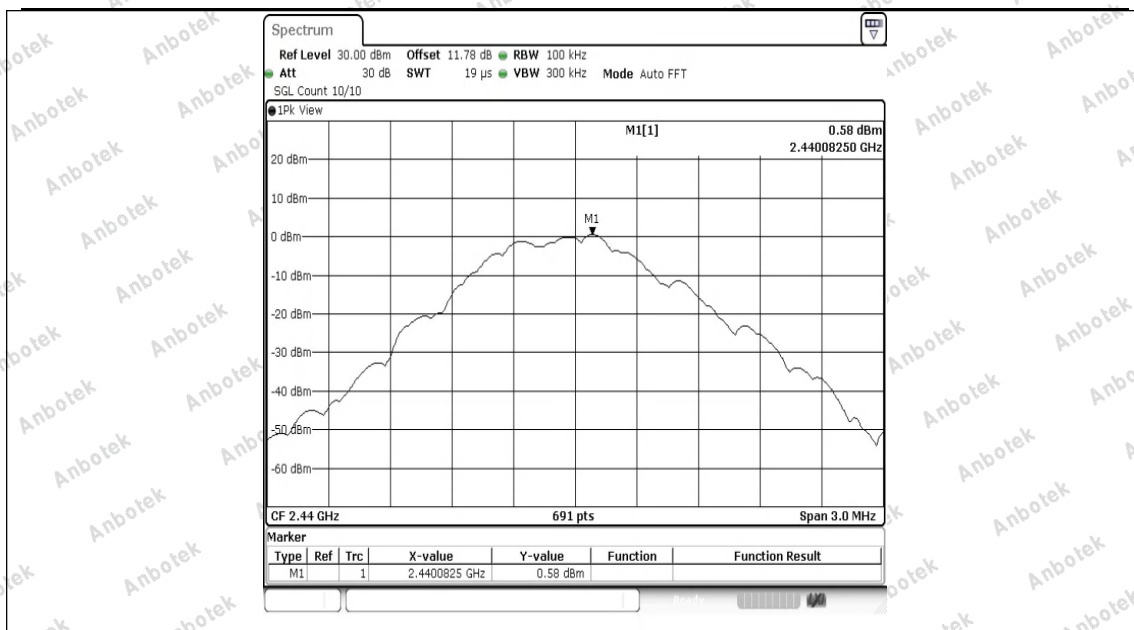


BLE_1M-Ant1-2402-30~1000-PASS

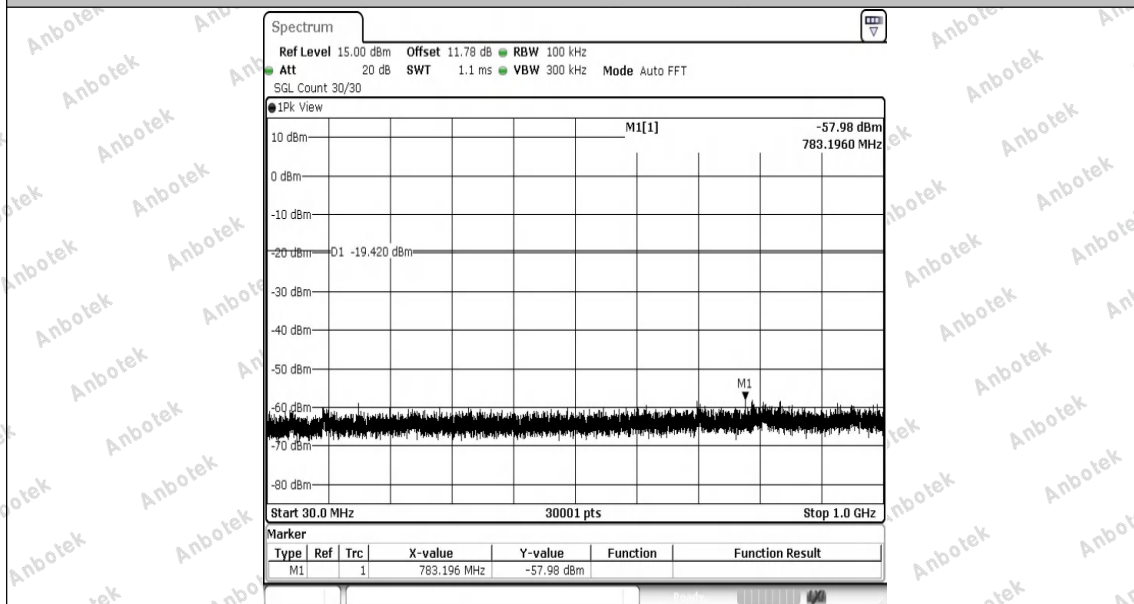


BLE_1M-Ant1-2402-1000~26500-PASS



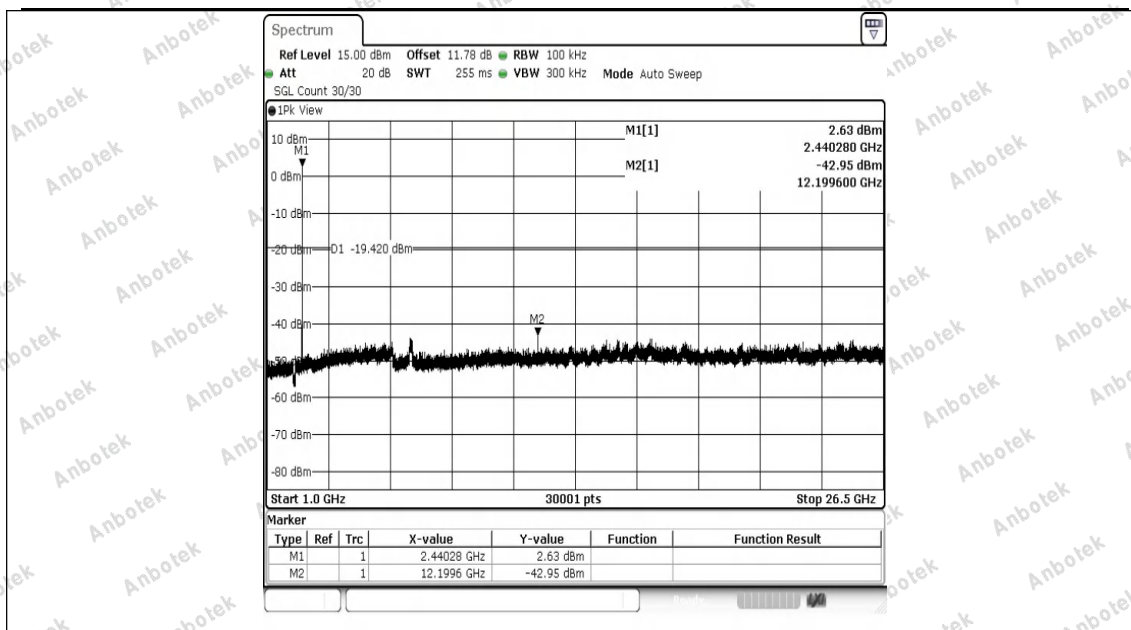


BLE_1M-Ant1-2440-0~Reference-PASS

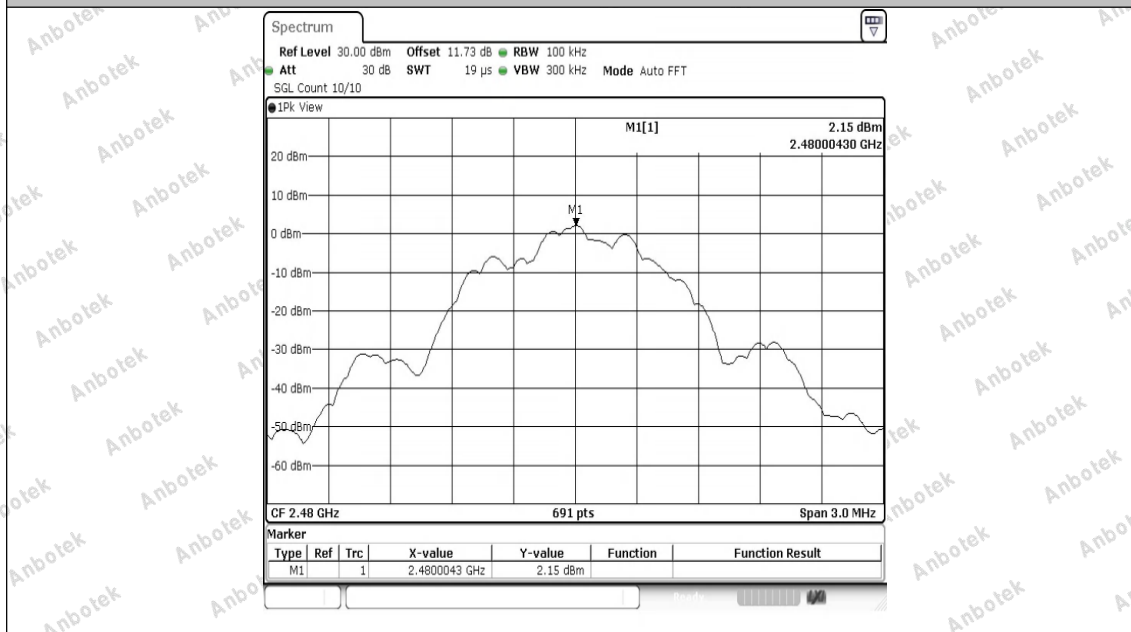


BLE_1M-Ant1-2440-30~1000-PASS



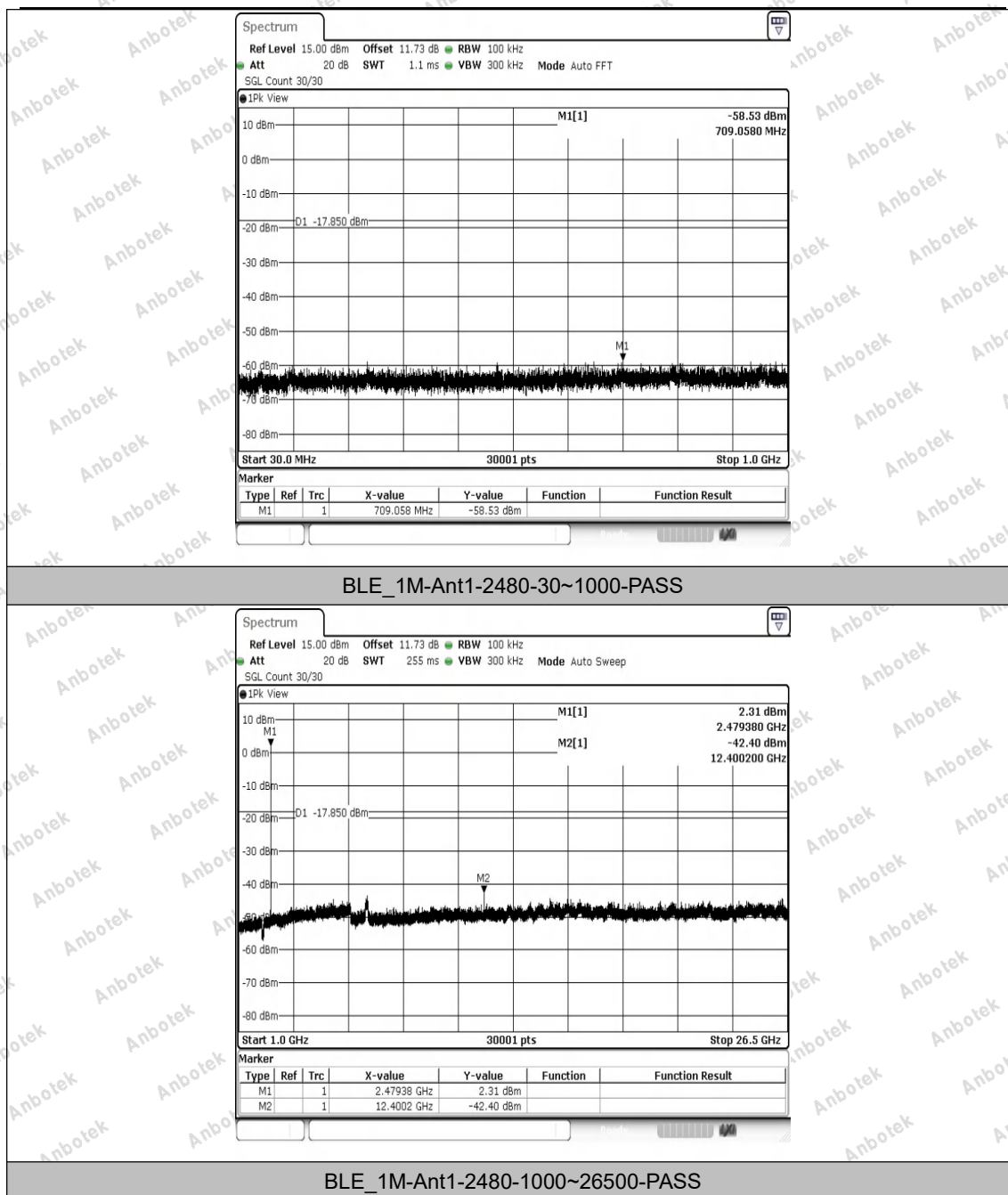


BLE_1M-Ant1-2440-1000~26500-PASS



BLE_1M-Ant1-2480-0~Reference-PASS



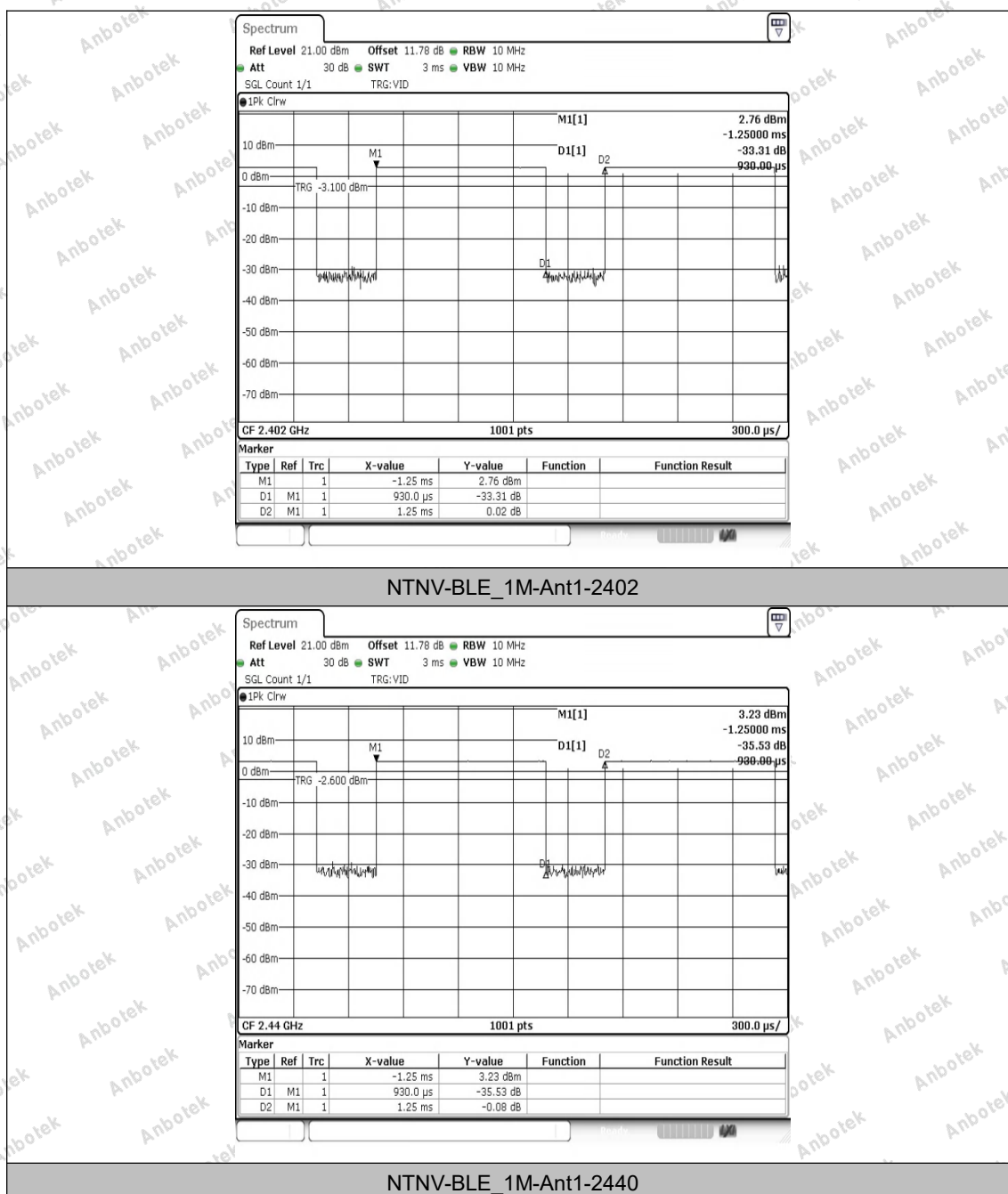


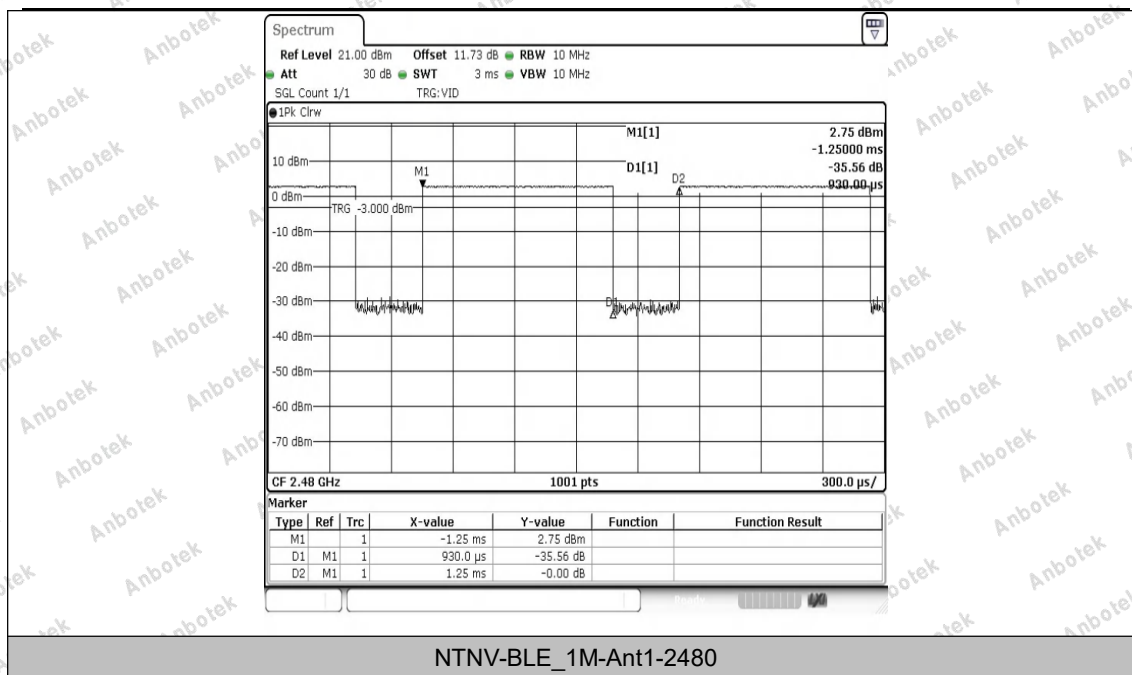
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.93	1.25	74.40	1.28
BLE_1M	Ant1	2440	0.93	1.25	74.40	1.28
BLE_1M	Ant1	2480	0.93	1.25	74.40	1.28

Test Graphs





---END---

