

Appendix Test Data

Report No:	18220WC40099401	Test Sample NO:	1-2-2
Start Test Date:	2024.6.20	Finish Test Date:	2024.6.20
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

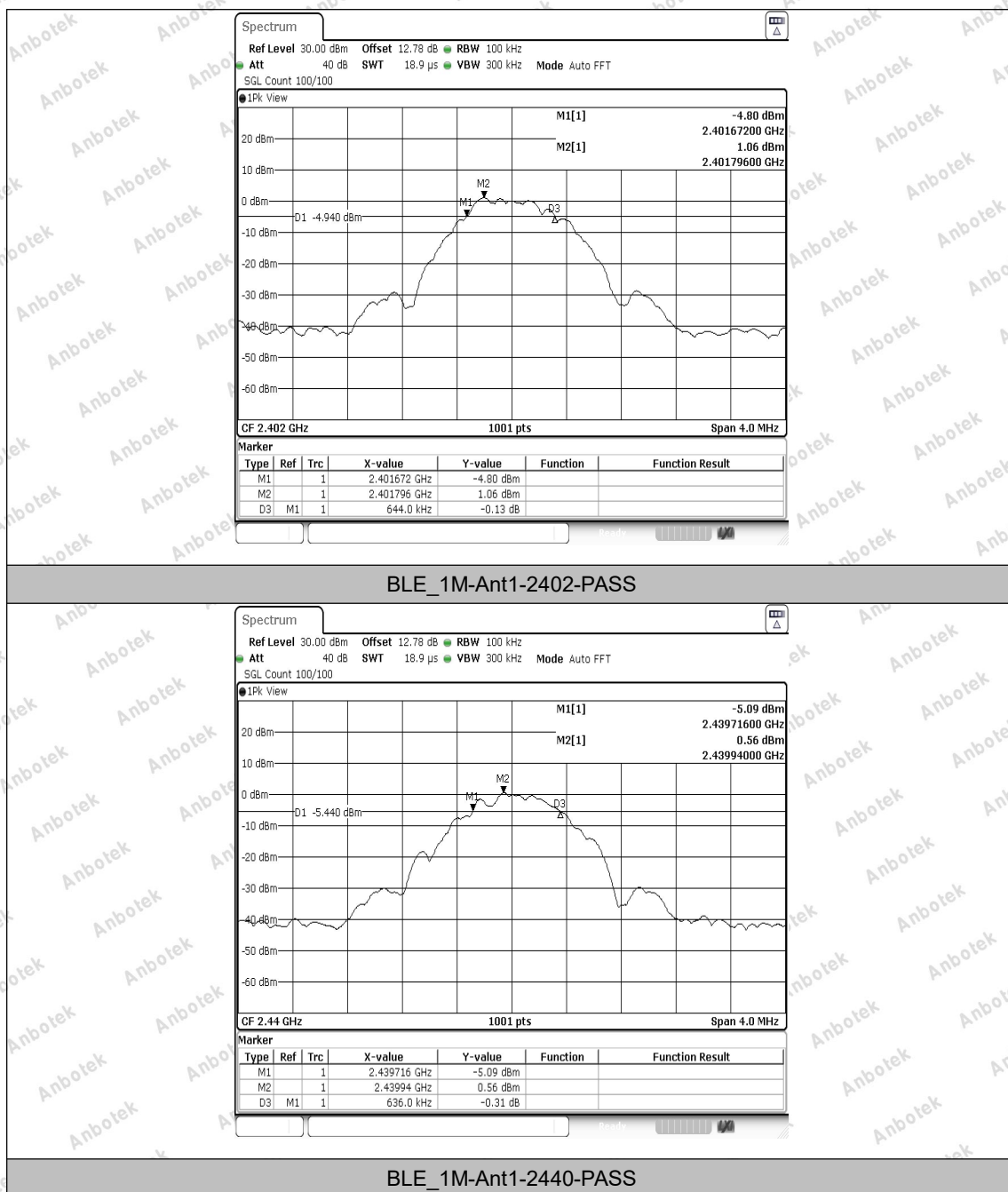
Appendix A: DTS Bandwidth

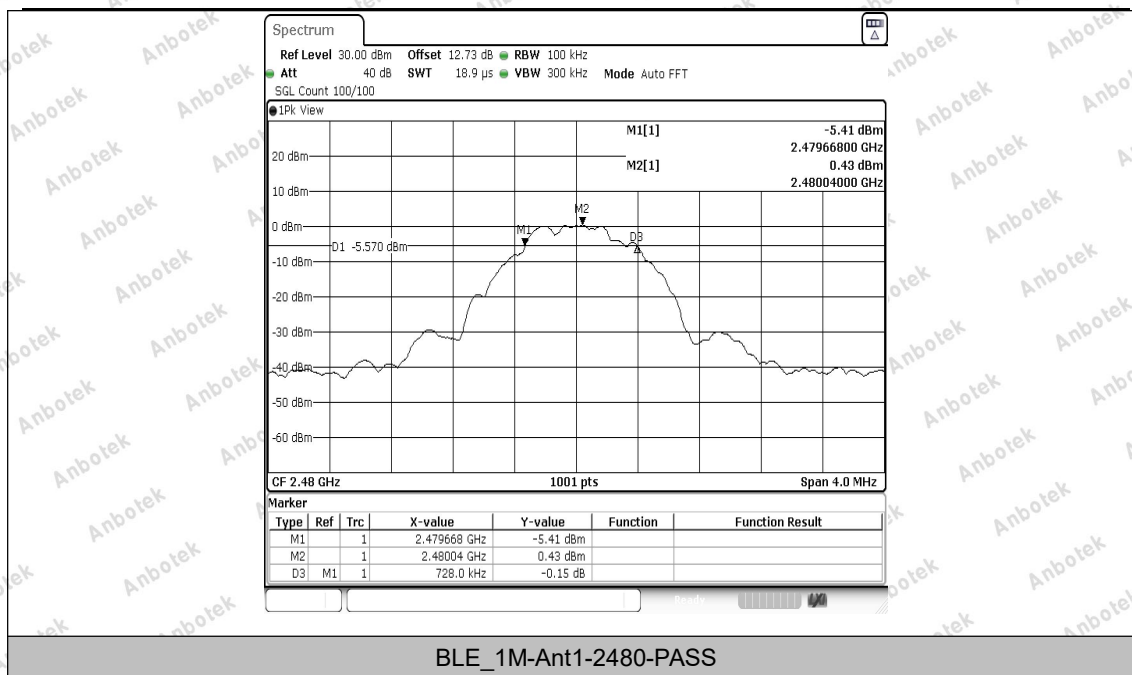
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.64	2401.67	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.72	2440.35	0.5	PASS
BLE_1M	Ant1	2480	0.73	2479.67	2480.40	0.5	PASS



Test Graphs





Shenzhen Anbotek Compliance Laboratory Limited

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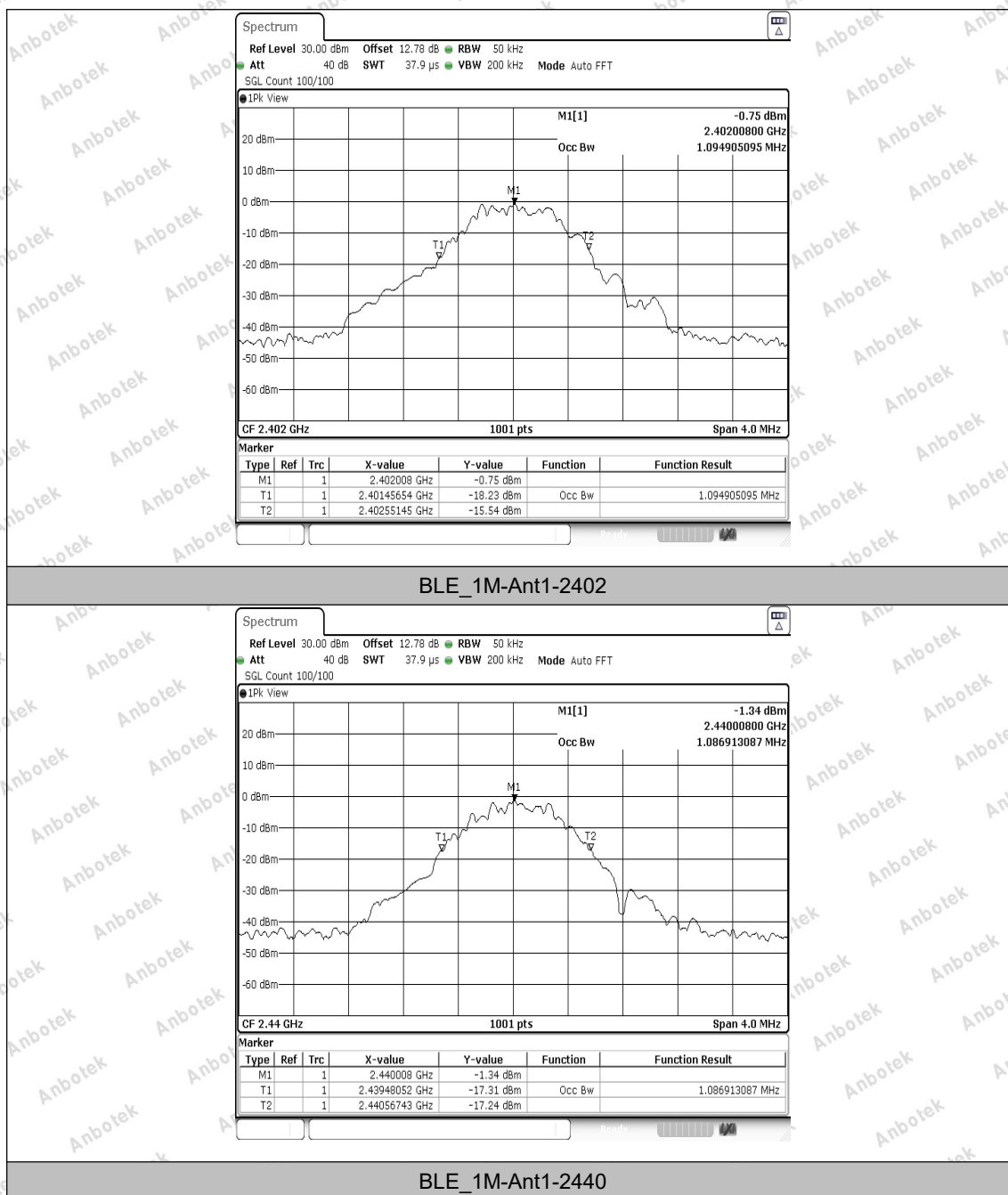
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.095	2401.4565	2402.5514	---	---
BLE_1M	Ant1	2440	1.087	2439.4805	2440.5674	---	---
BLE_1M	Ant1	2480	1.047	2479.4925	2480.5395	---	---



Test Graphs



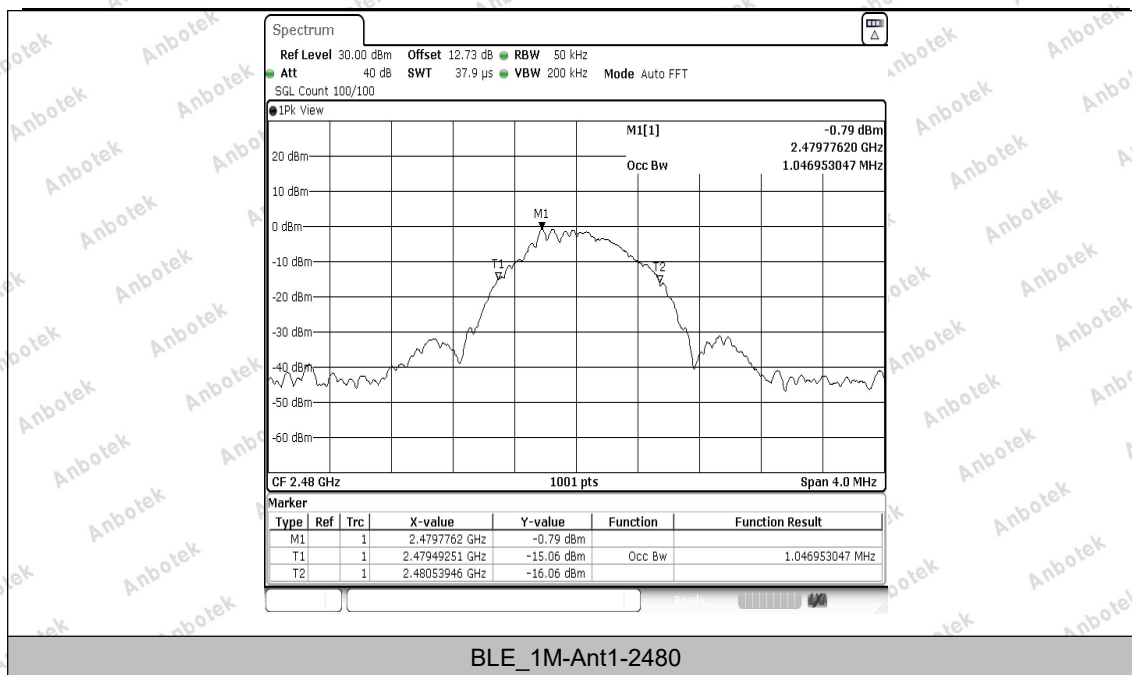
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Appendix C: Maximum output power

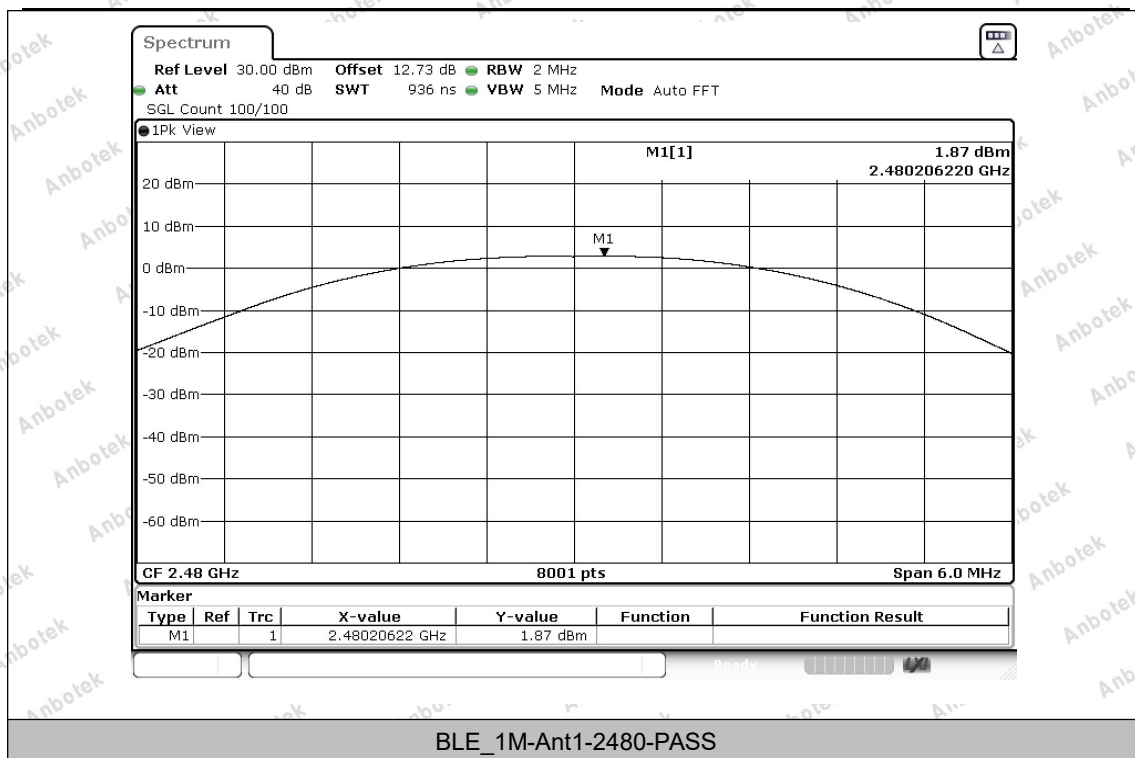
Test Result

Test Mode	Antenna	Frequency[MHz]	Peak Power [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	1.79	≤30	PASS
BLE_1M	Ant1	2440	1.34	≤30	PASS
BLE_1M	Ant1	2480	1.87	≤30	PASS



Test Graphs





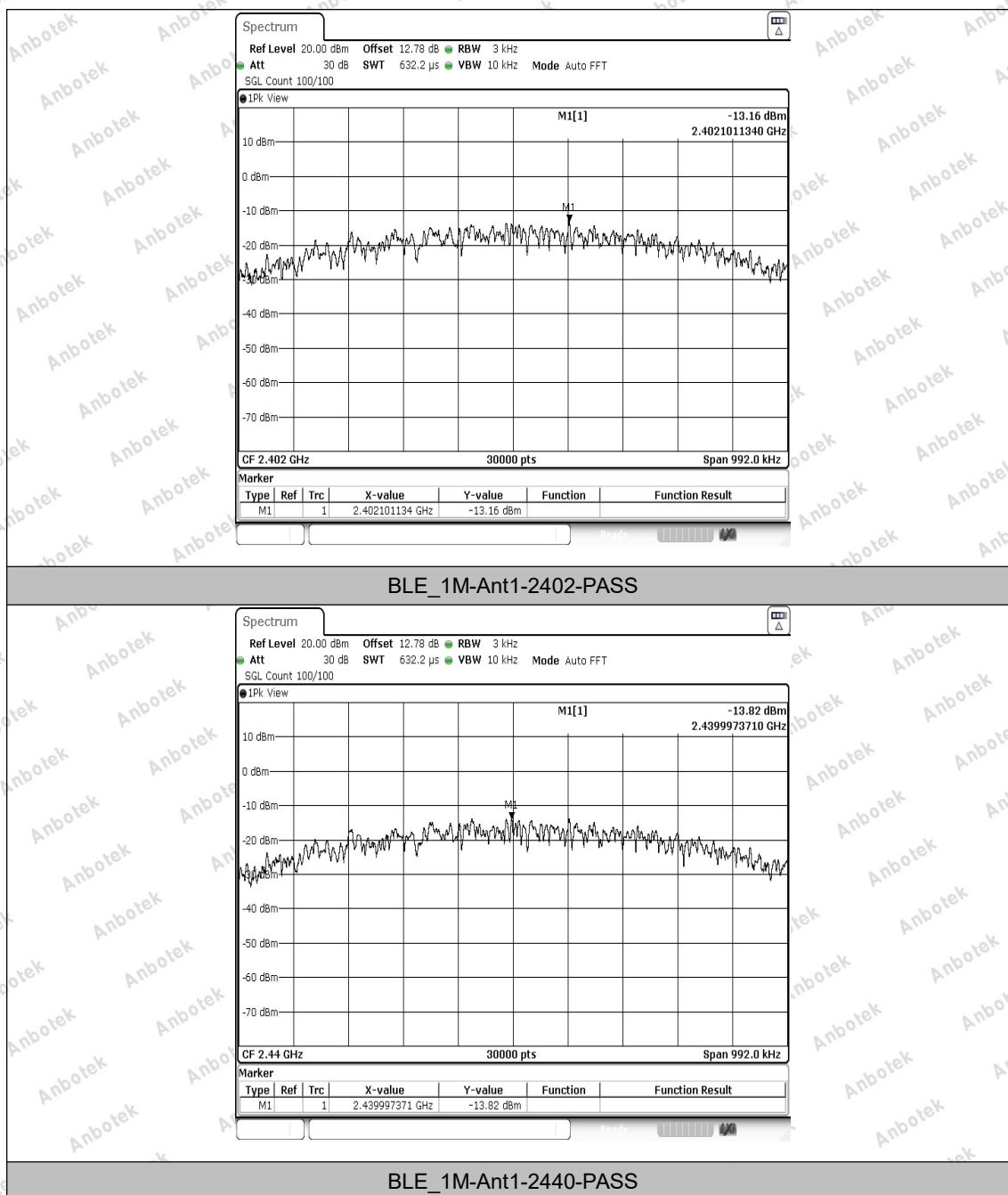
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.16	≤8.00	PASS
BLE_1M	Ant1	2440	-13.82	≤8.00	PASS
BLE_1M	Ant1	2480	-12.82	≤8.00	PASS



Test Graphs



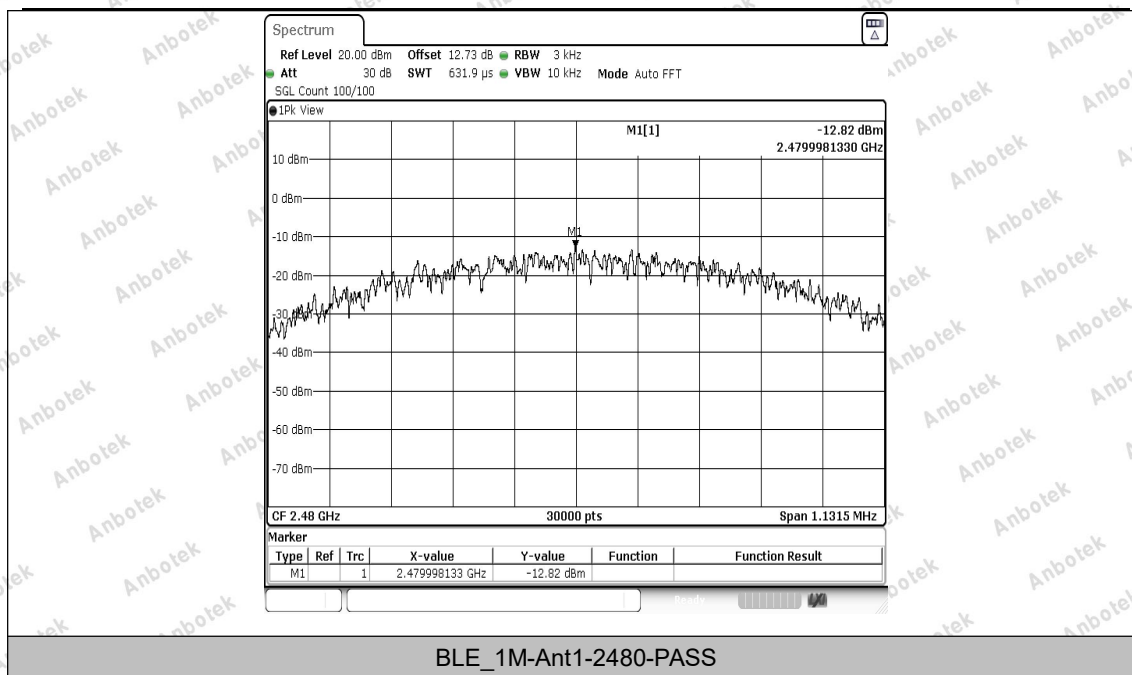
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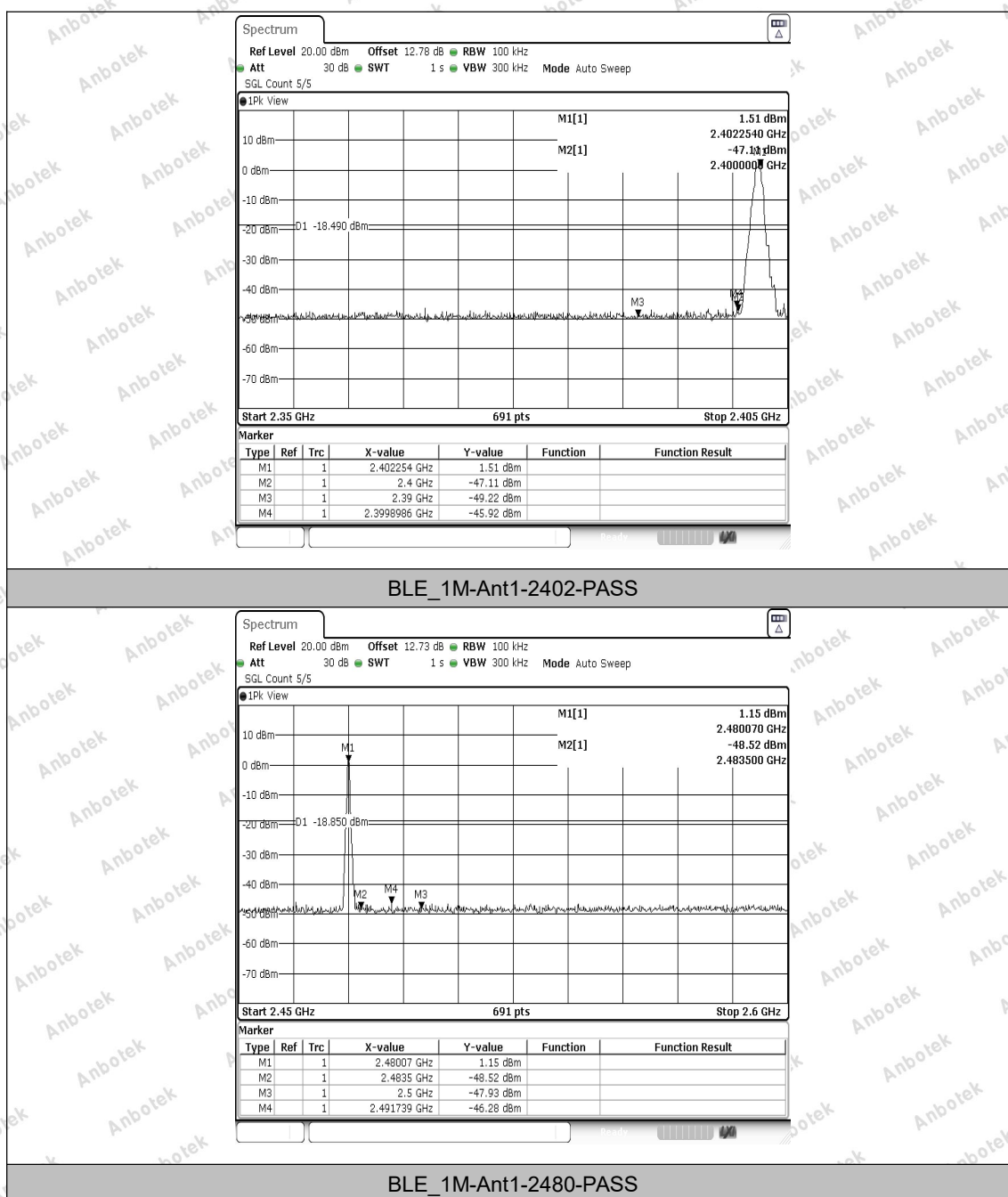


Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.51	-45.92	≤-18.49	PASS
BLE_1M	Ant1	High	2480	1.15	-46.28	≤-18.85	PASS

Test Graphs



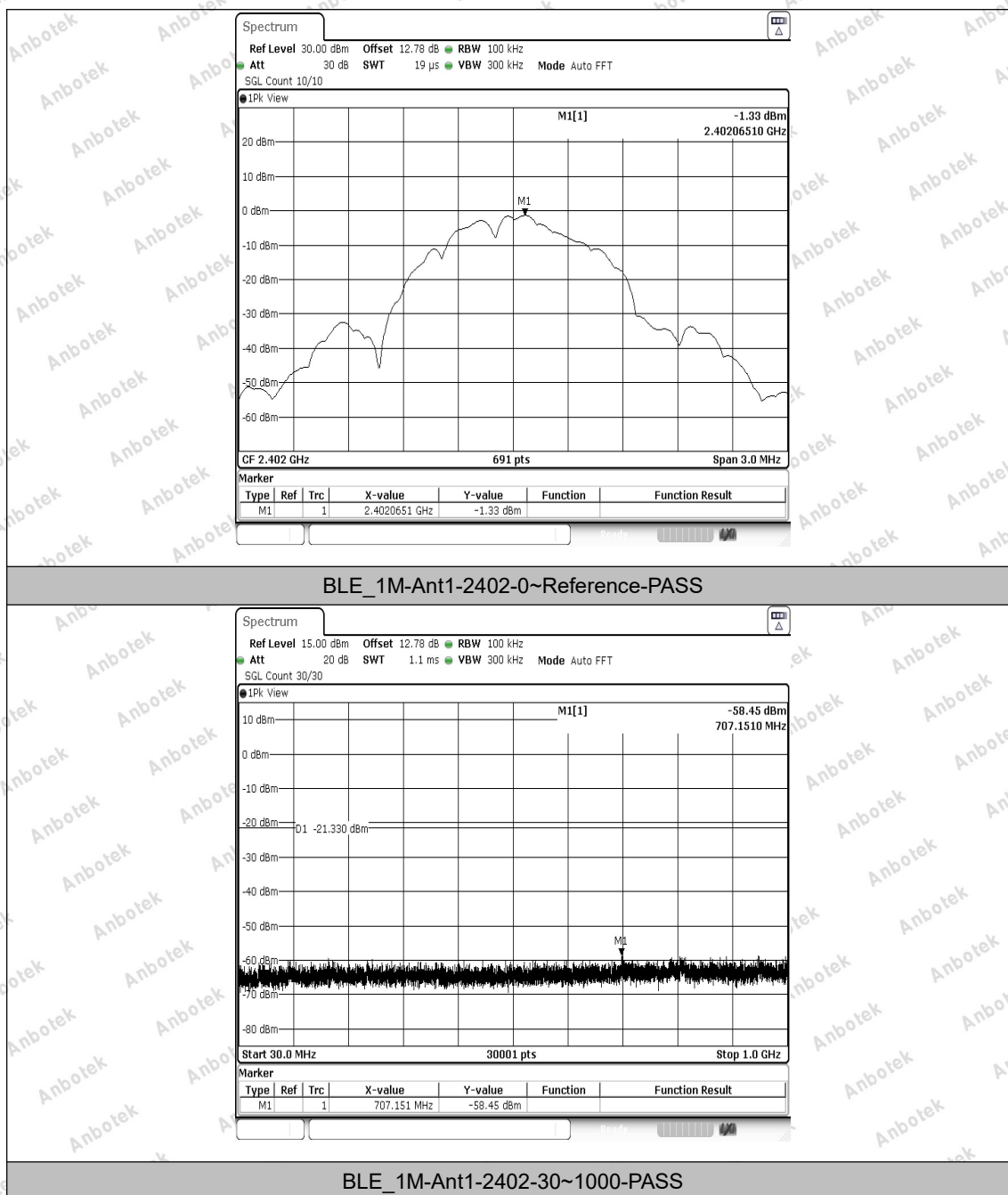
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.33	-1.33	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.33	-58.45	≤-21.33	PASS
BLE_1M	Ant1	2402	1000~26500	-1.33	-42.29	≤-21.33	PASS
BLE_1M	Ant1	2440	0~Reference	-0.55	-0.55	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.55	-56.74	≤-20.55	PASS
BLE_1M	Ant1	2440	1000~26500	-0.55	-44.51	≤-20.55	PASS
BLE_1M	Ant1	2480	0~Reference	0.58	0.58	---	PASS
BLE_1M	Ant1	2480	30~1000	0.58	-58.15	≤-19.42	PASS
BLE_1M	Ant1	2480	1000~26500	0.58	-47.43	≤-19.42	PASS

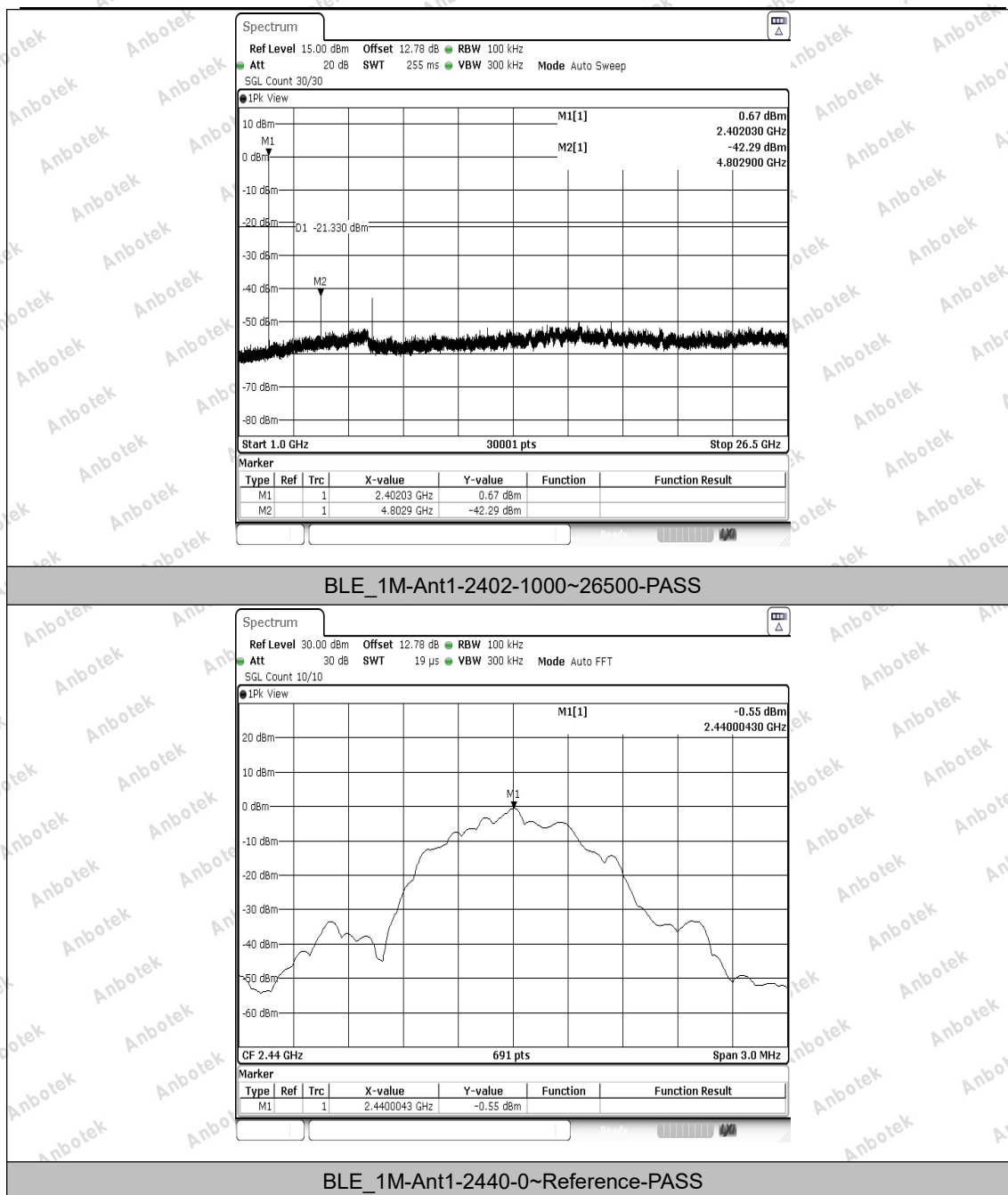


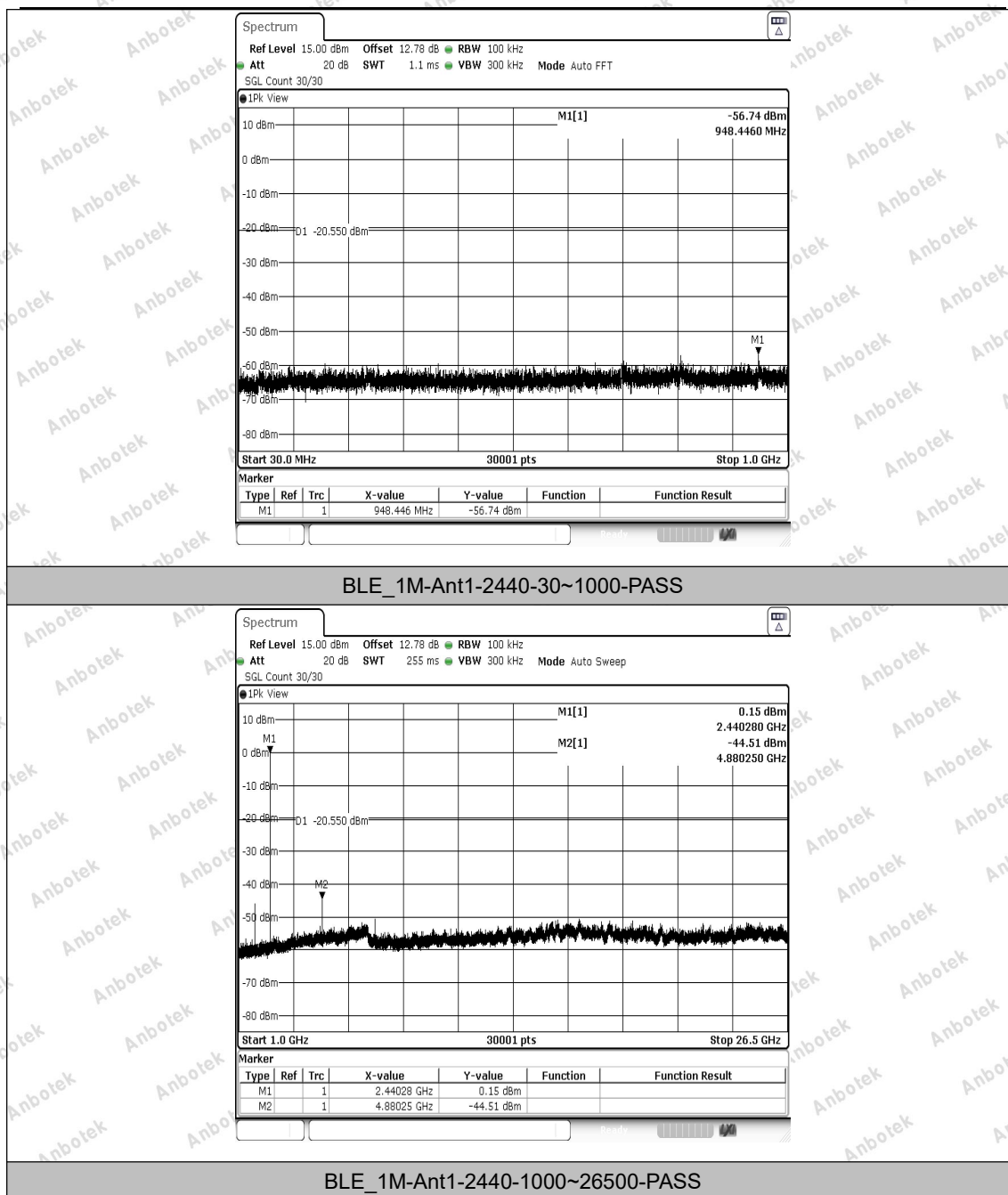
Test Graphs

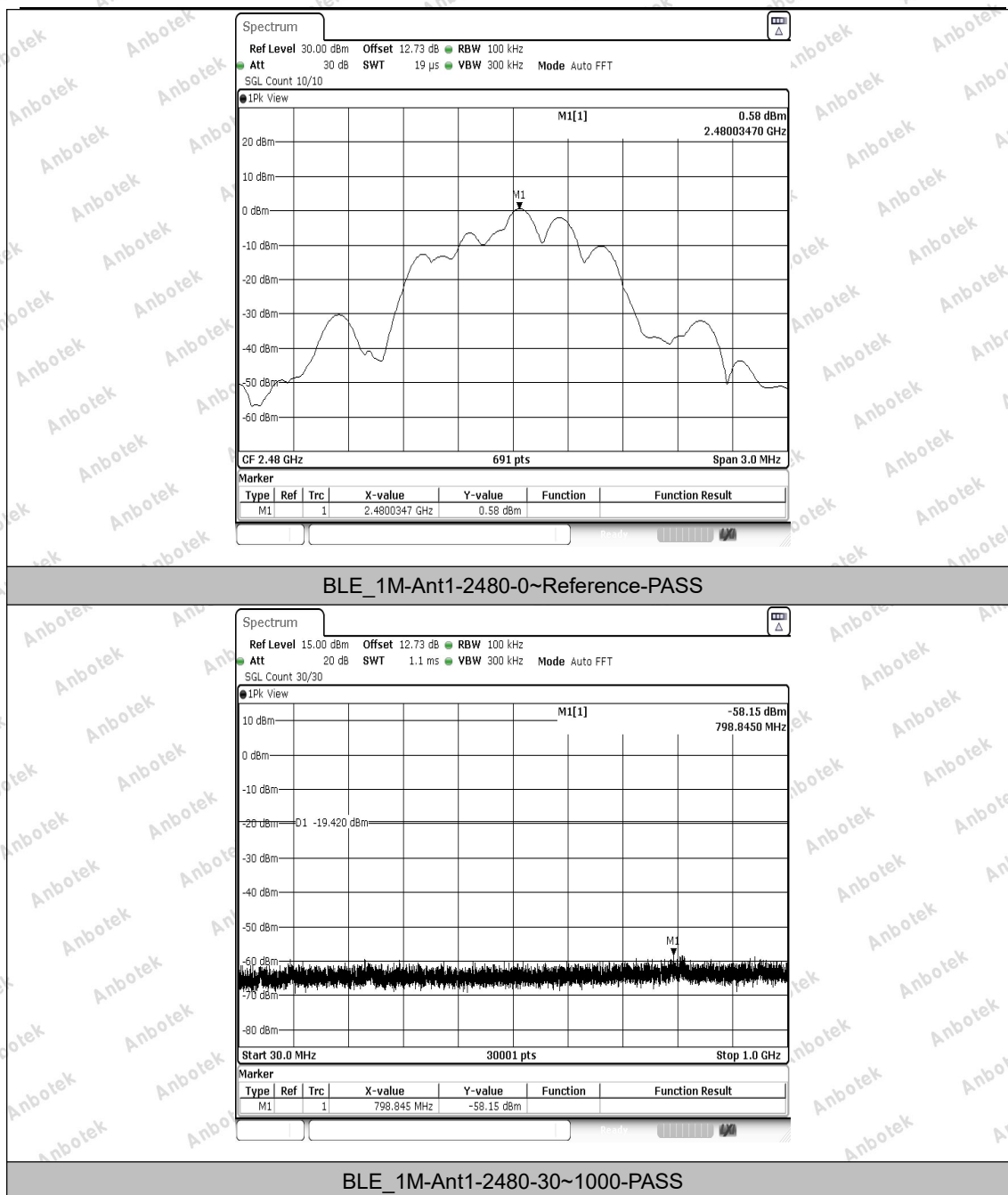


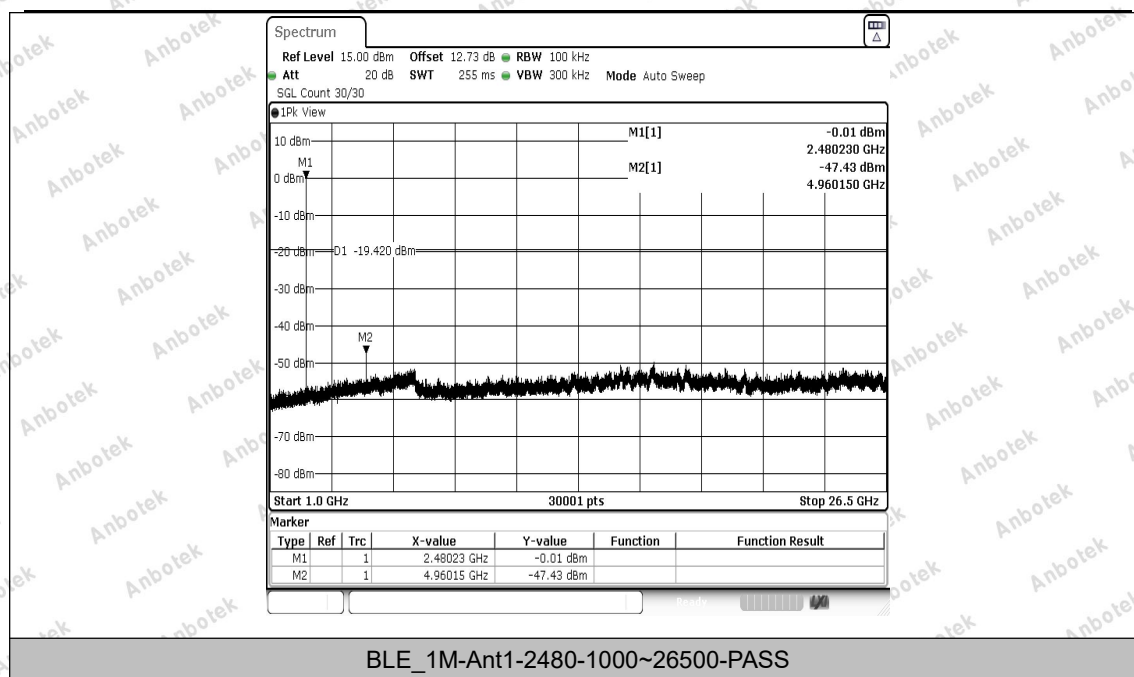
BLE_1M-Ant1-2402-30~1000-PASS











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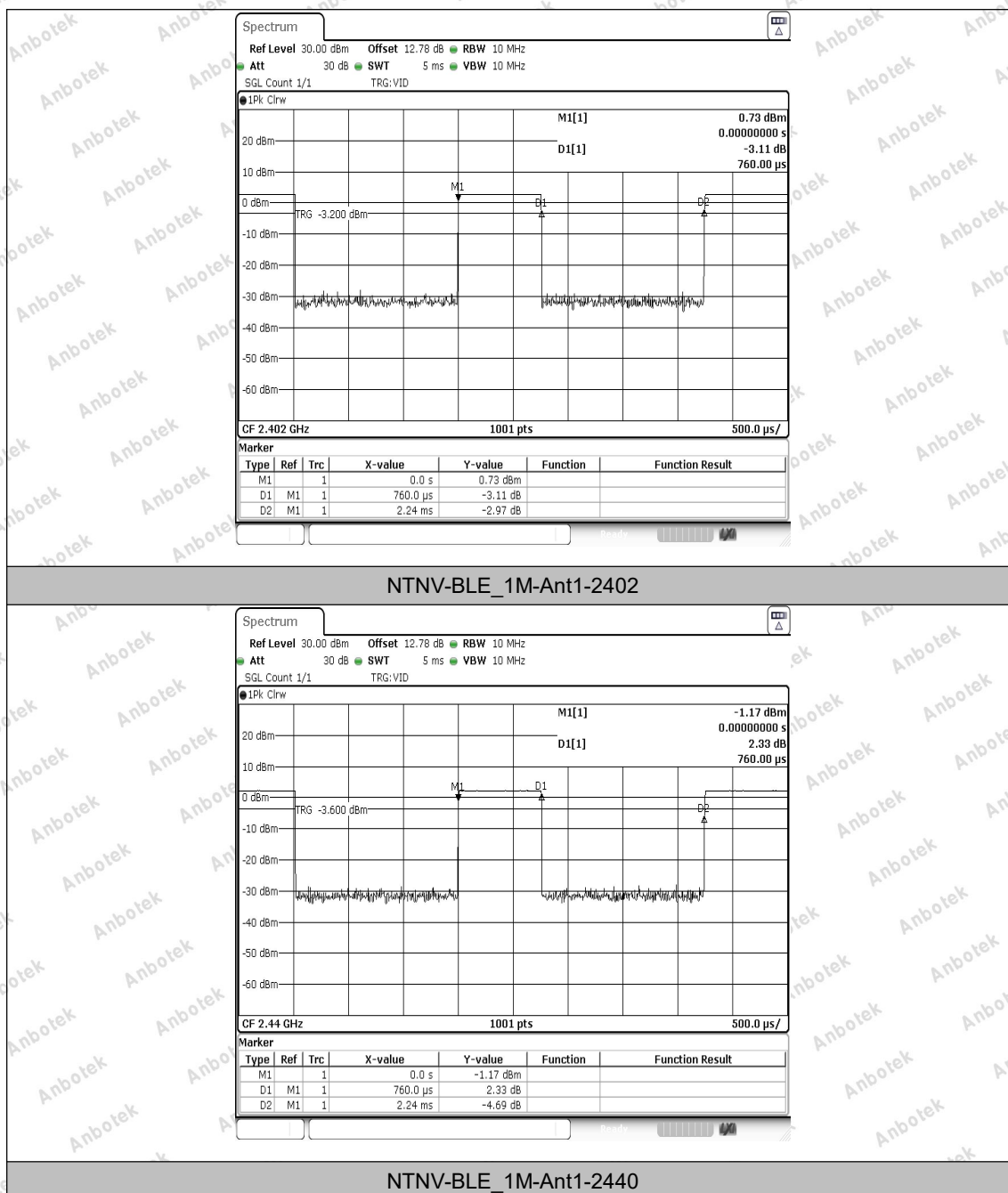
Appendix H: Duty Cycle

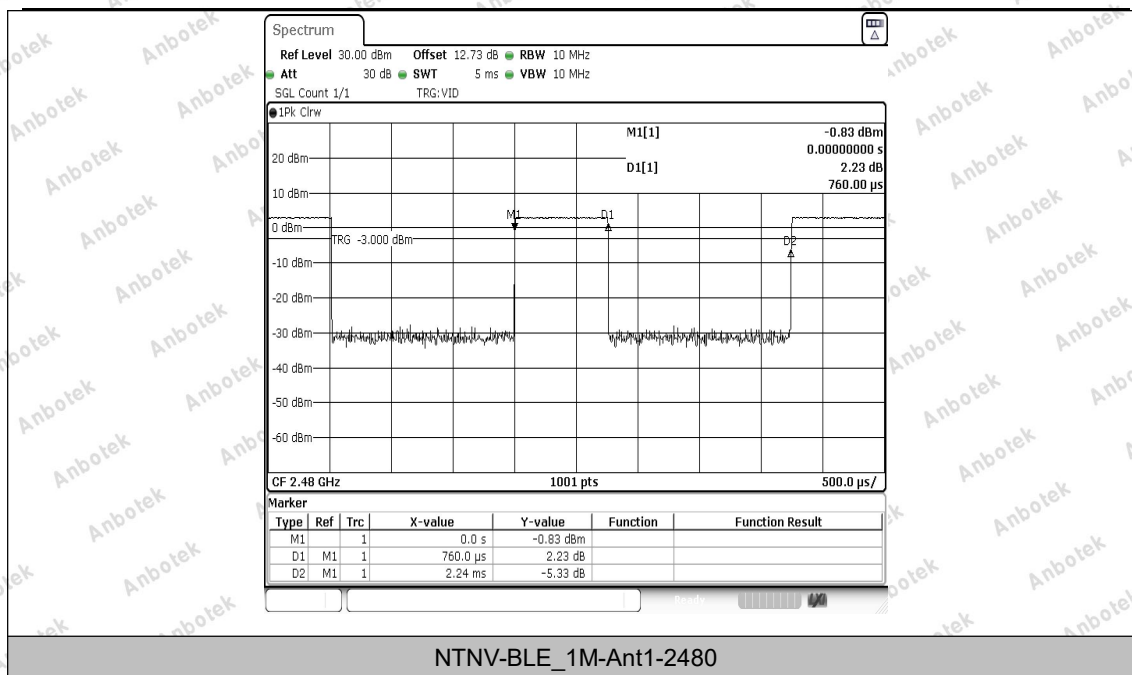
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.76	2.24	33.93	4.69
BLE_1M	Ant1	2440	0.76	2.24	33.93	4.69
BLE_1M	Ant1	2480	0.76	2.24	33.93	4.69



Test Graphs





-END-

