

Appendix Test Data

Report No:	182512C400269101	Test Sample NO:	1-2-2
Start Test Date:	2024.07.04	Finish Test Date:	2024.07.04
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

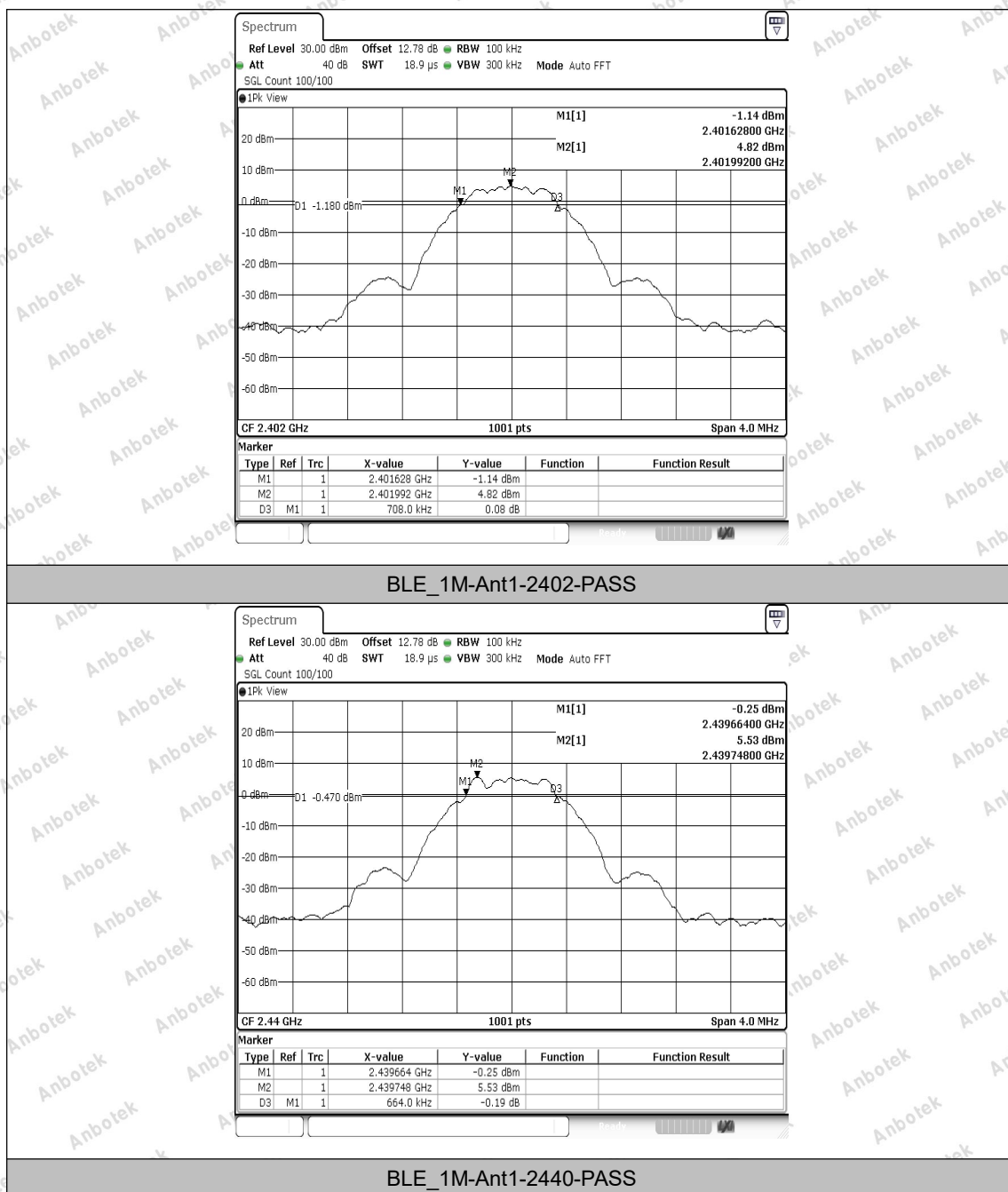
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.63	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.66	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.71	2479.63	2480.34	0.5	PASS



Test Graphs



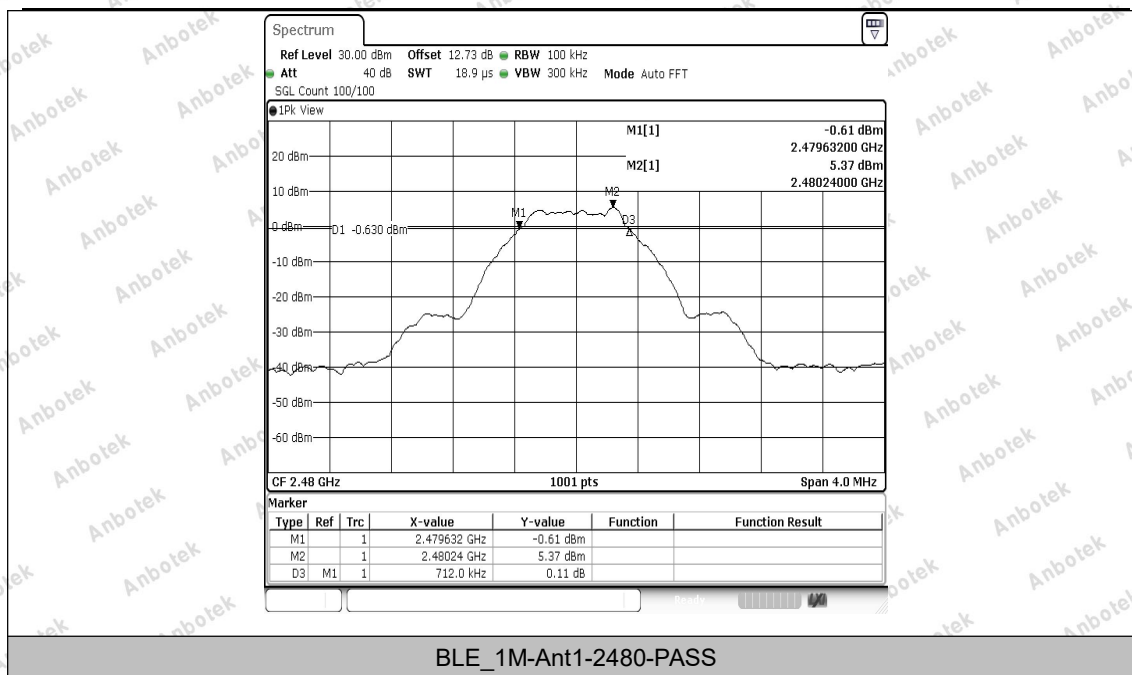
Shenzhen Anbotek Compliance Laboratory Limited

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Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
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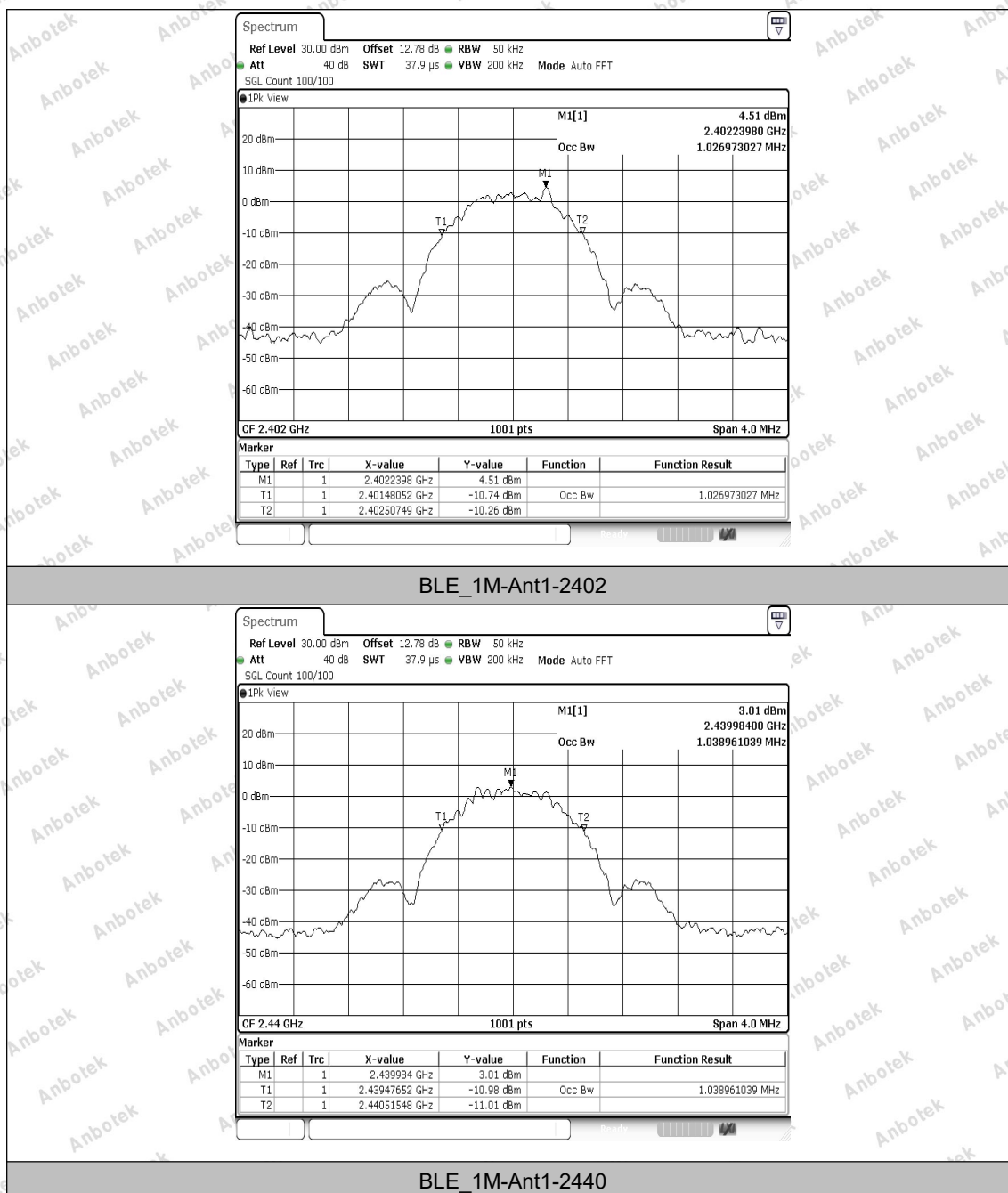
Appendix B: Occupied Channel Bandwidth

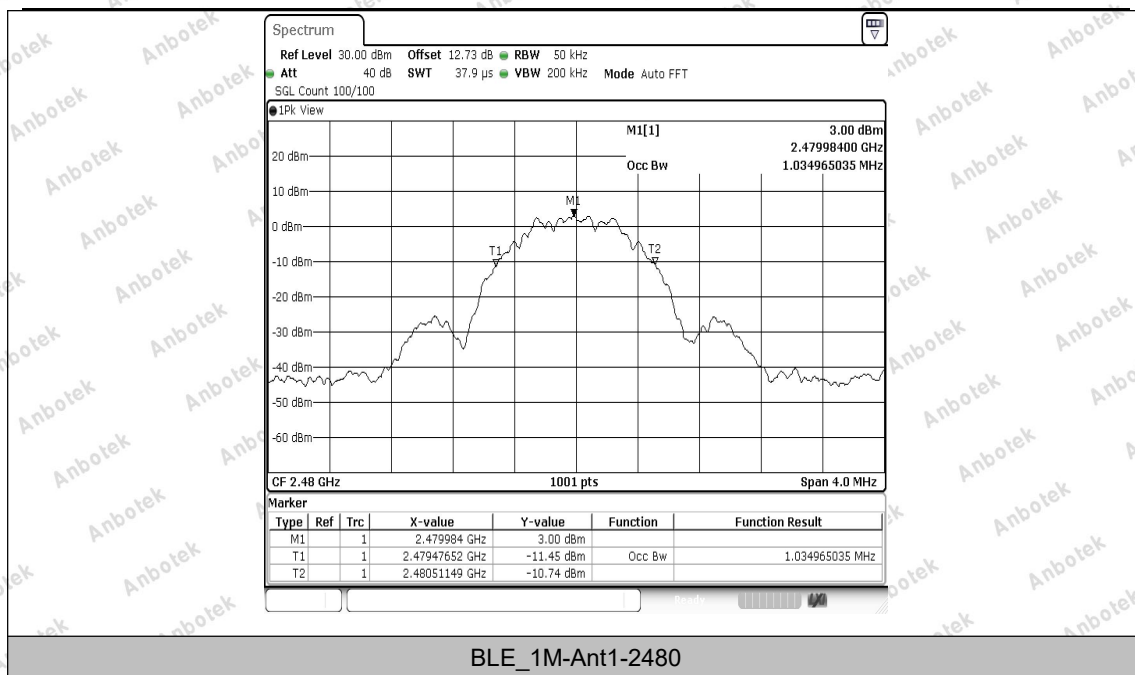
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.027	2401.4805	2402.5075	---	---
BLE_1M	Ant1	2440	1.039	2439.4765	2440.5155	---	---
BLE_1M	Ant1	2480	1.035	2479.4765	2480.5115	---	---



Test Graphs





Appendix C: Maximum conducted output power

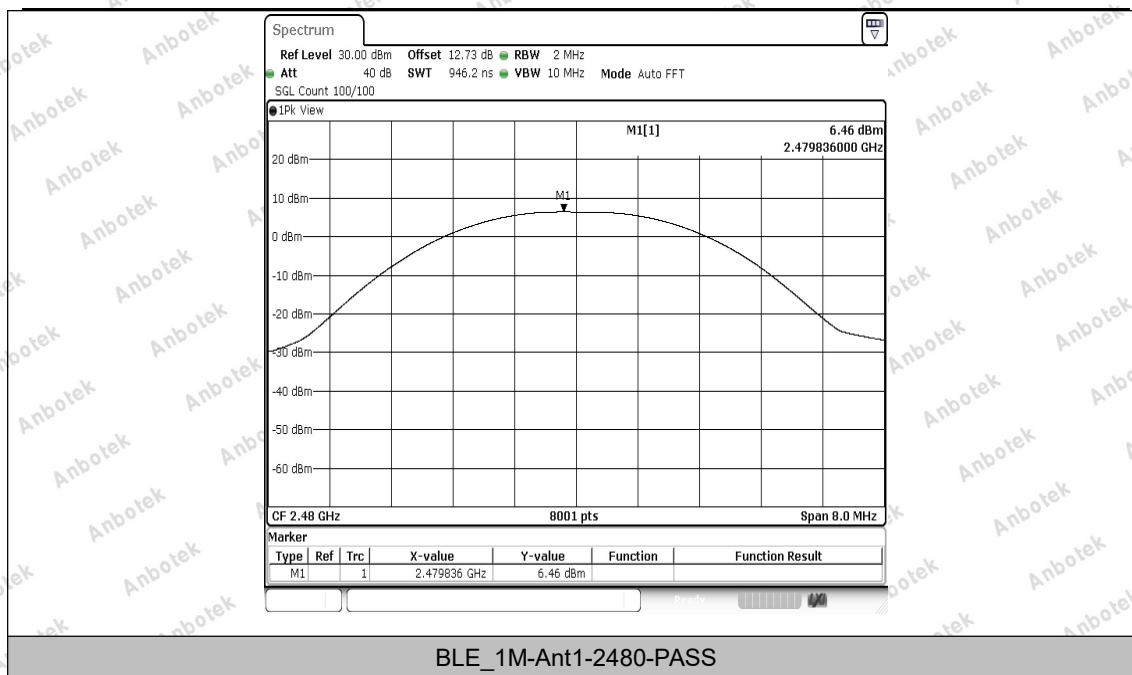
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.36	≤30	PASS
BLE_1M	Ant1	2440	6.51	≤30	PASS
BLE_1M	Ant1	2480	6.46	≤30	PASS



Test Graphs Peak





Appendix D: Maximum power spectral density

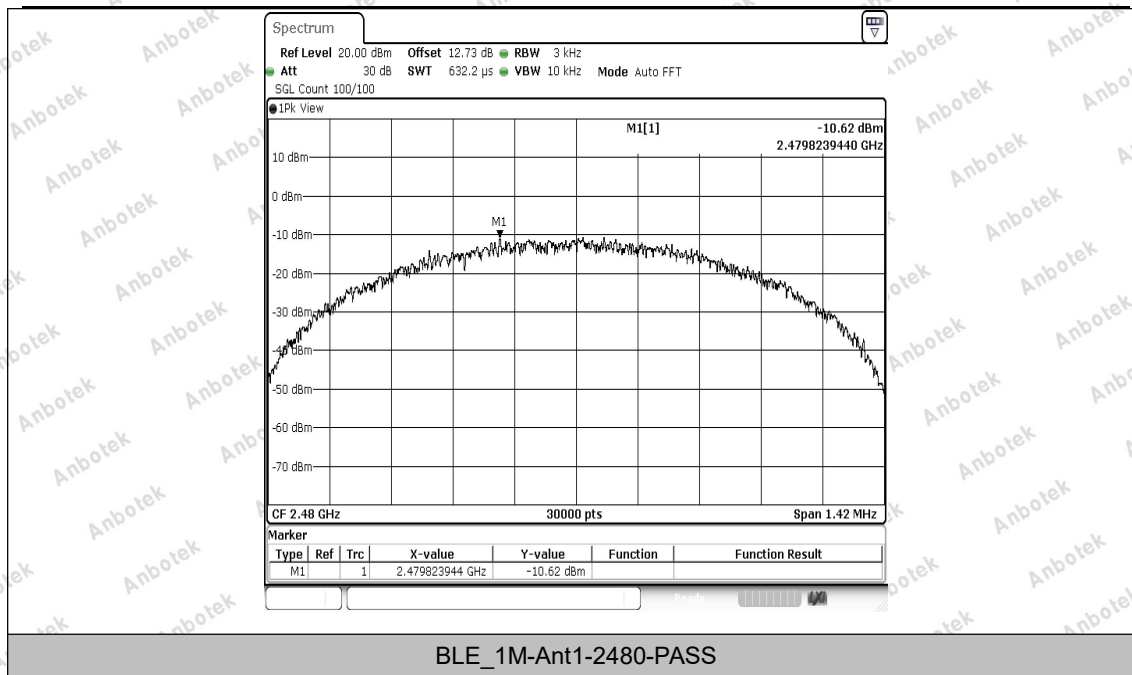
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.67	≤8.00	PASS
BLE_1M	Ant1	2440	-10.45	≤8.00	PASS
BLE_1M	Ant1	2480	-10.62	≤8.00	PASS



Test Graphs





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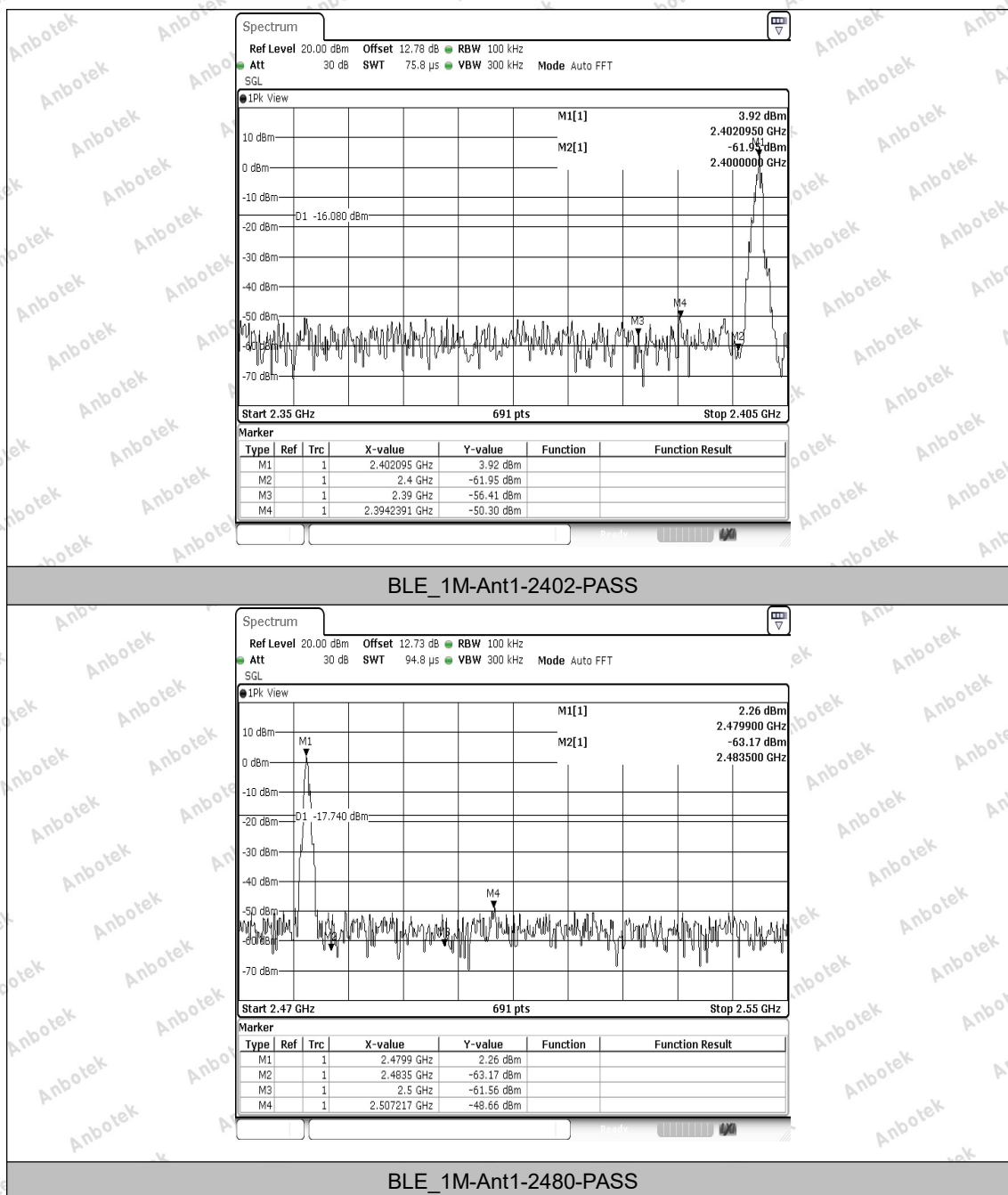
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.92	-50.3	≤-16.08	PASS
BLE_1M	Ant1	High	2480	2.26	-48.66	≤-17.74	PASS



Test Graphs



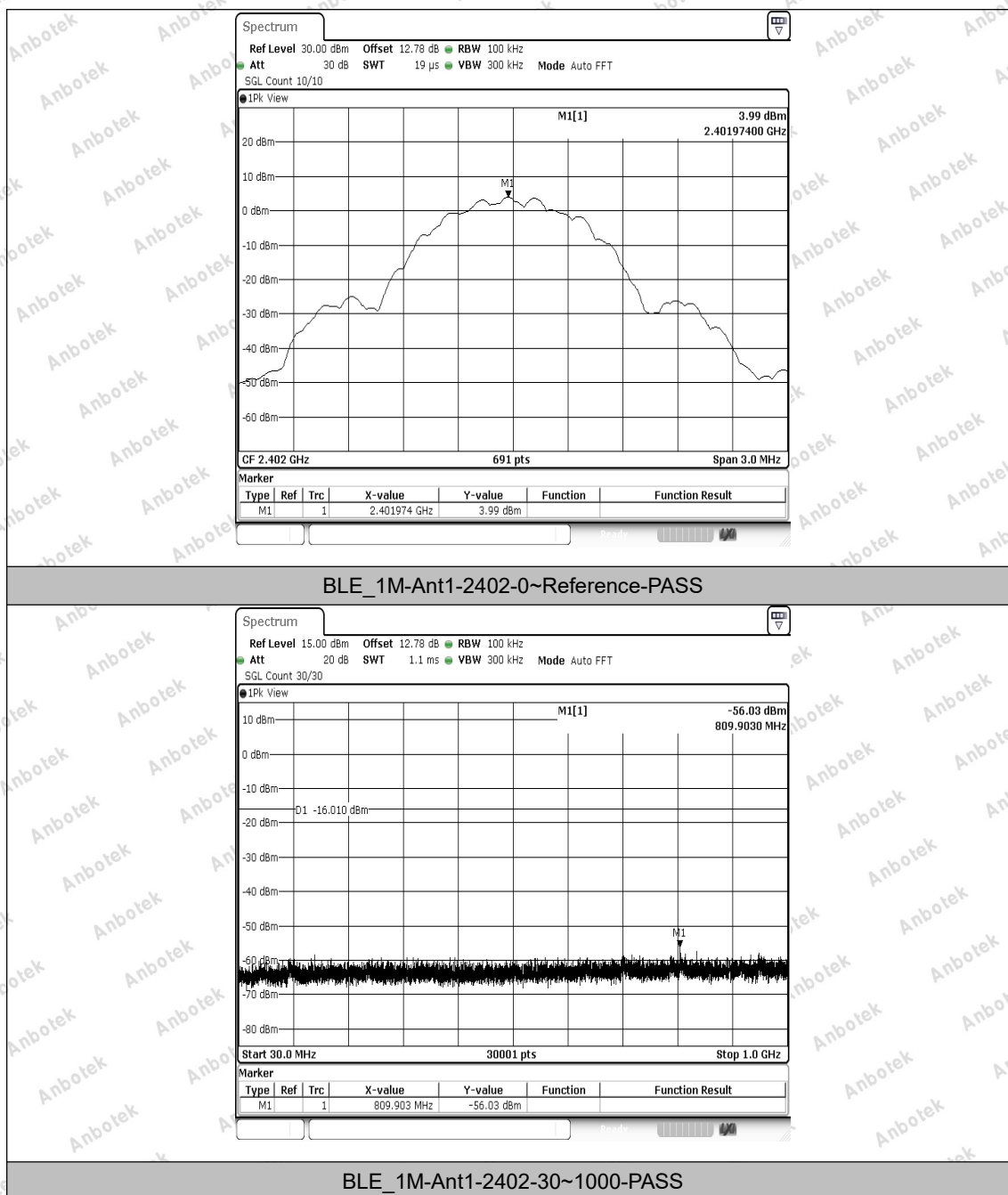
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.99	3.99	---	PASS
BLE_1M	Ant1	2402	30~1000	3.99	-56.03	≤-16.01	PASS
BLE_1M	Ant1	2402	1000~26500	3.99	-49.19	≤-16.01	PASS
BLE_1M	Ant1	2440	0~Reference	4.74	4.74	---	PASS
BLE_1M	Ant1	2440	30~1000	4.74	-57.27	≤-15.26	PASS
BLE_1M	Ant1	2440	1000~26500	4.74	-48.8	≤-15.26	PASS
BLE_1M	Ant1	2480	0~Reference	3.73	3.73	---	PASS
BLE_1M	Ant1	2480	30~1000	3.73	-56.98	≤-16.27	PASS
BLE_1M	Ant1	2480	1000~26500	3.73	-48.9	≤-16.27	PASS



Test Graphs



BLE_1M-Ant1-2402-30~1000-PASS

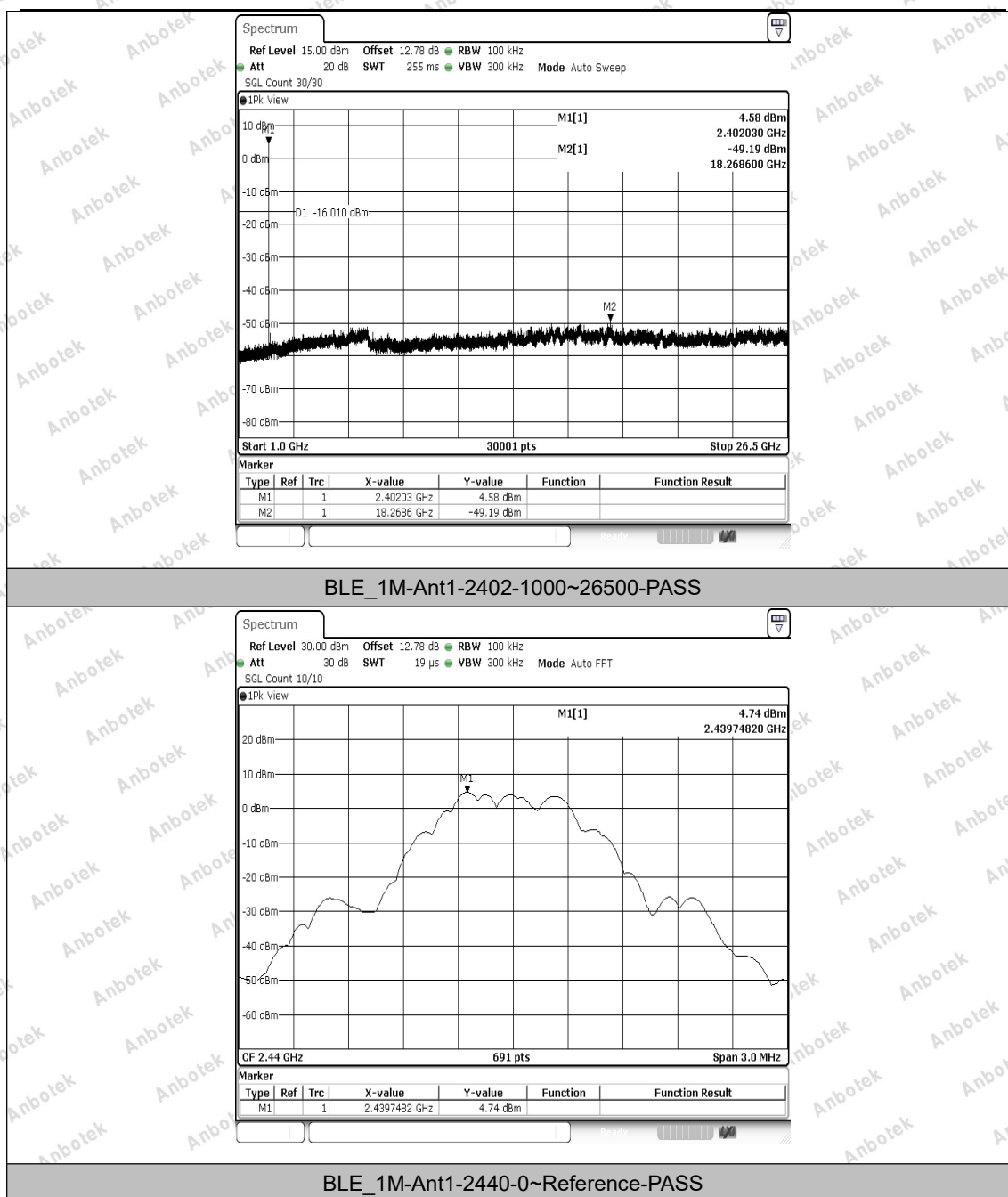
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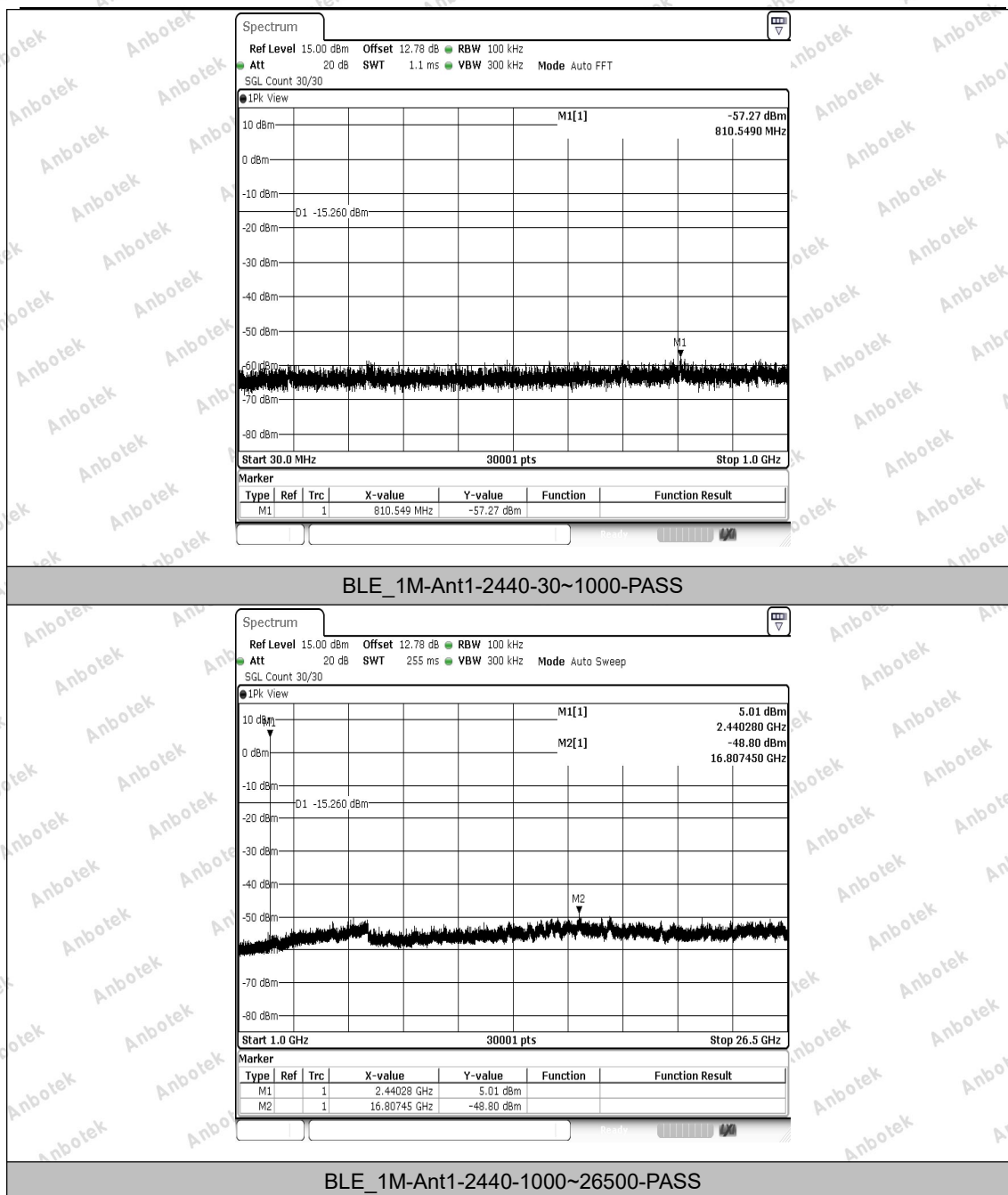
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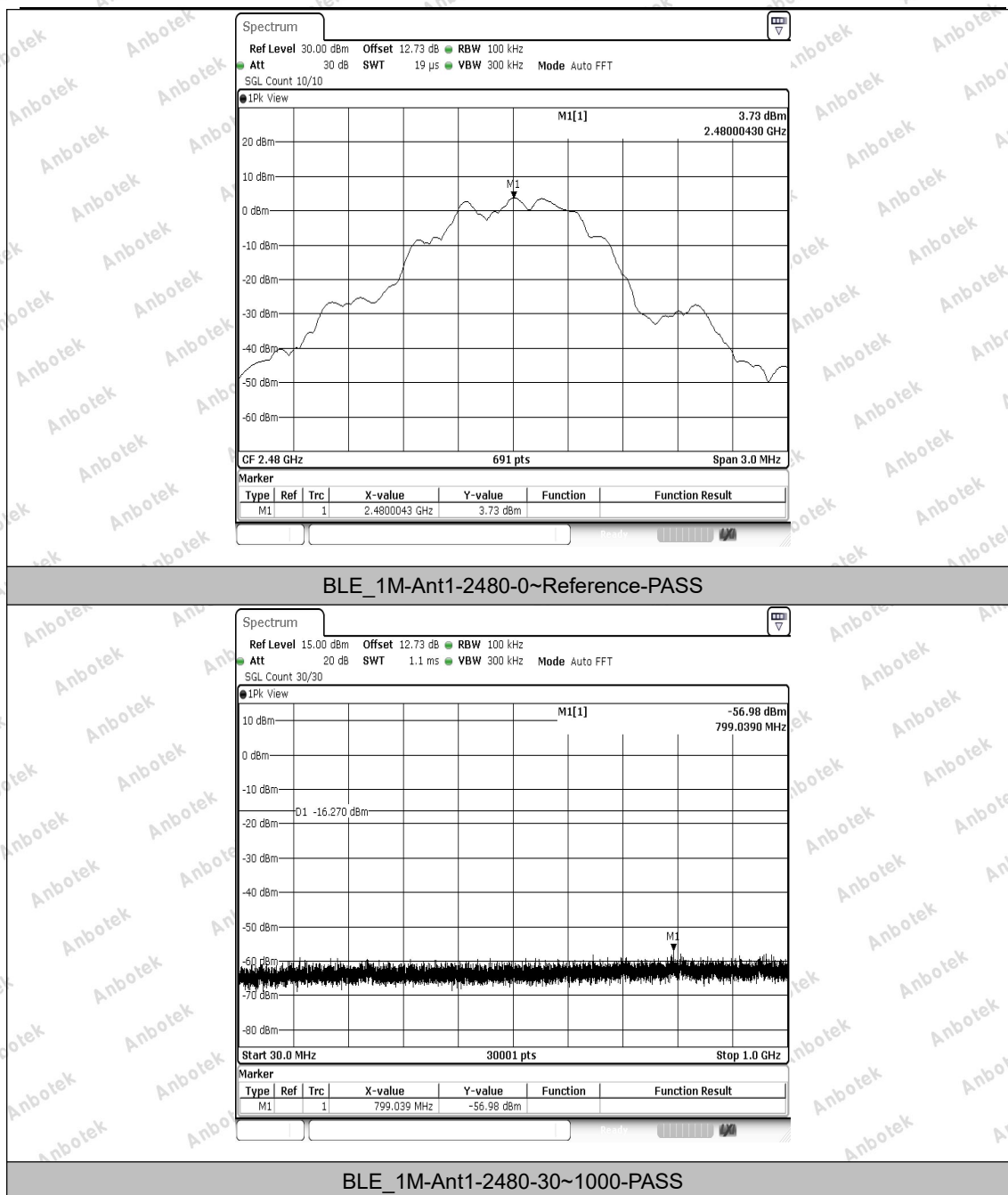


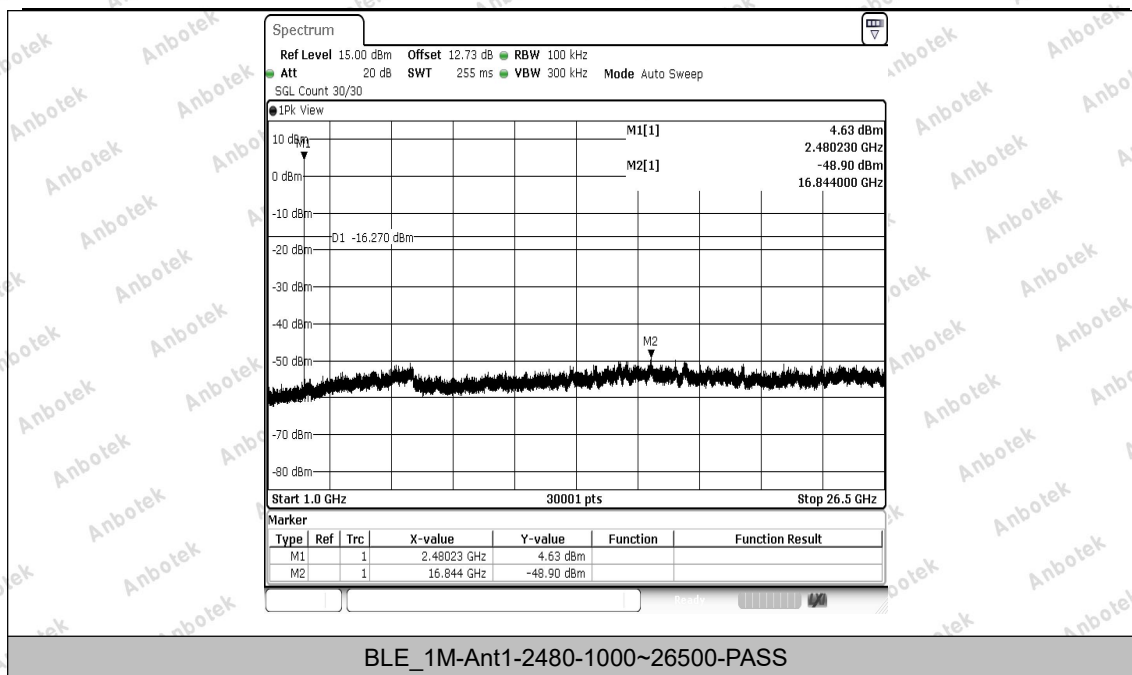
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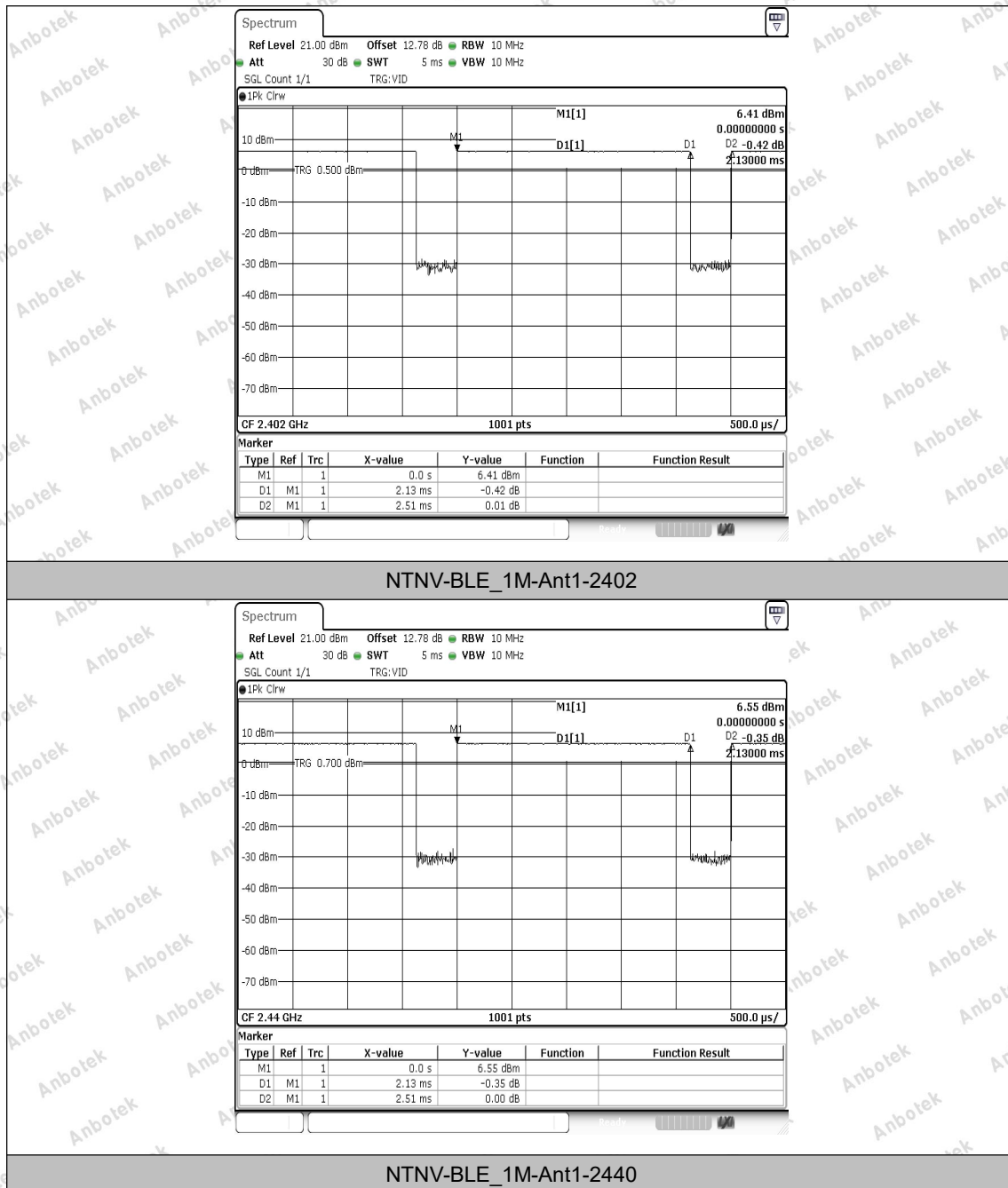
Appendix G: Duty Cycle

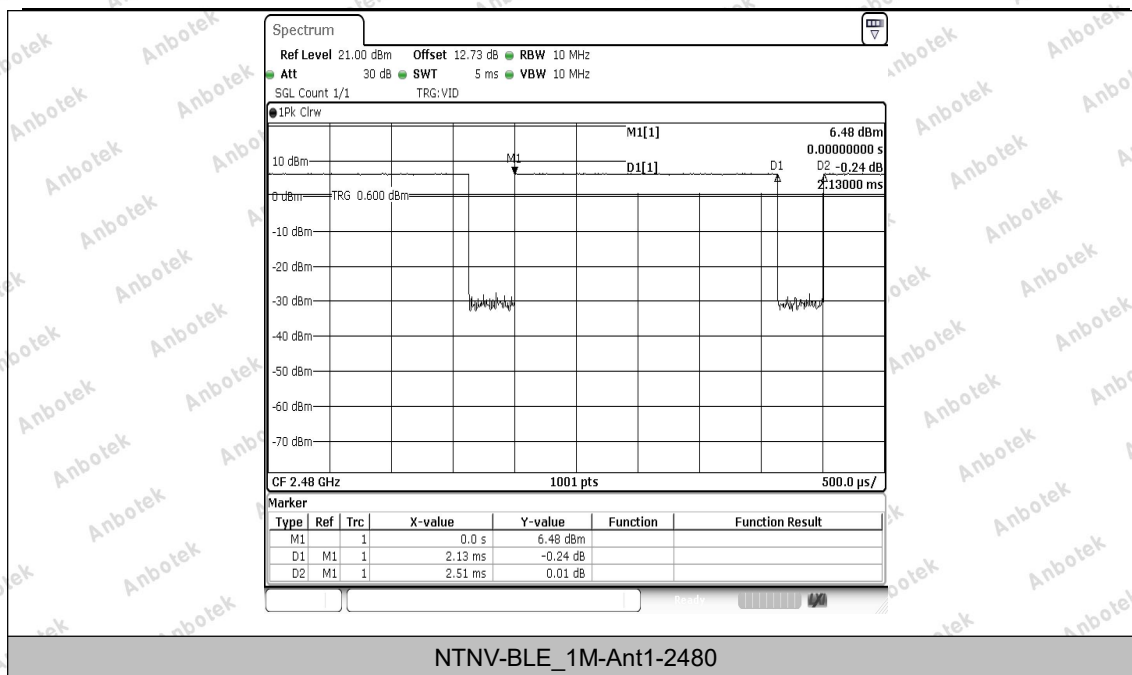
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71



Test Graphs





---End---

