

Appendix Test Data

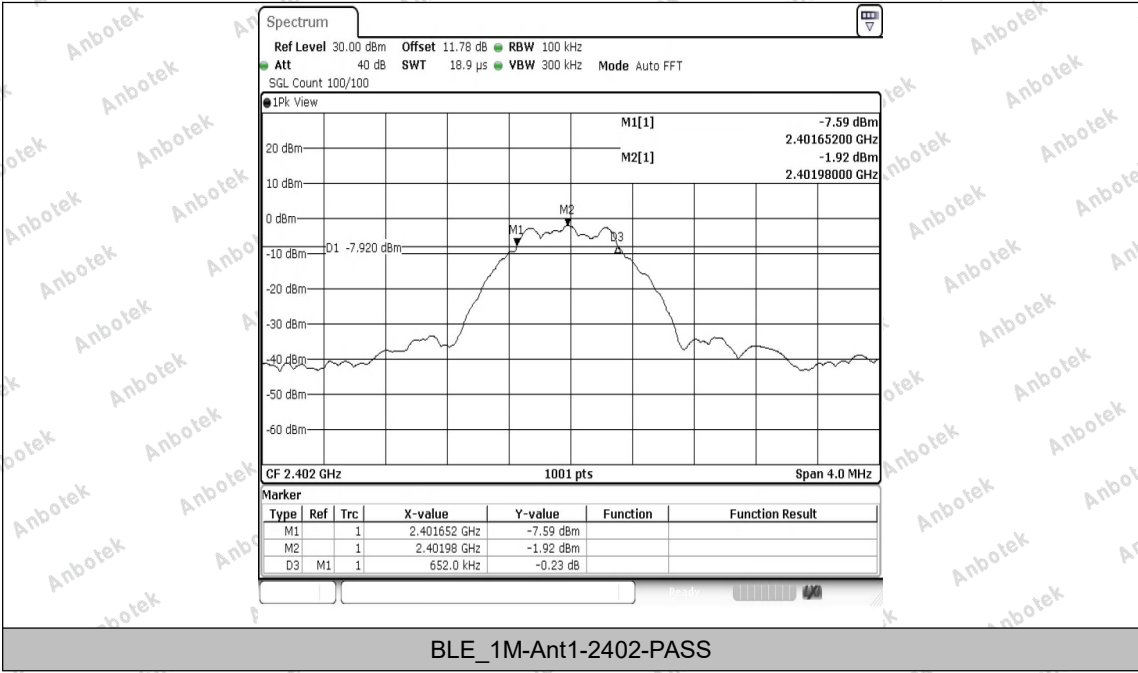
Report No:	1812C40049012501	Test Sample NO:	1-2-2
Start Test Date:	2024.9.11	Finish Test Date:	2024.9.11
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24.1℃	Relative Humidity:	53%
Pressure:	101 kPa		

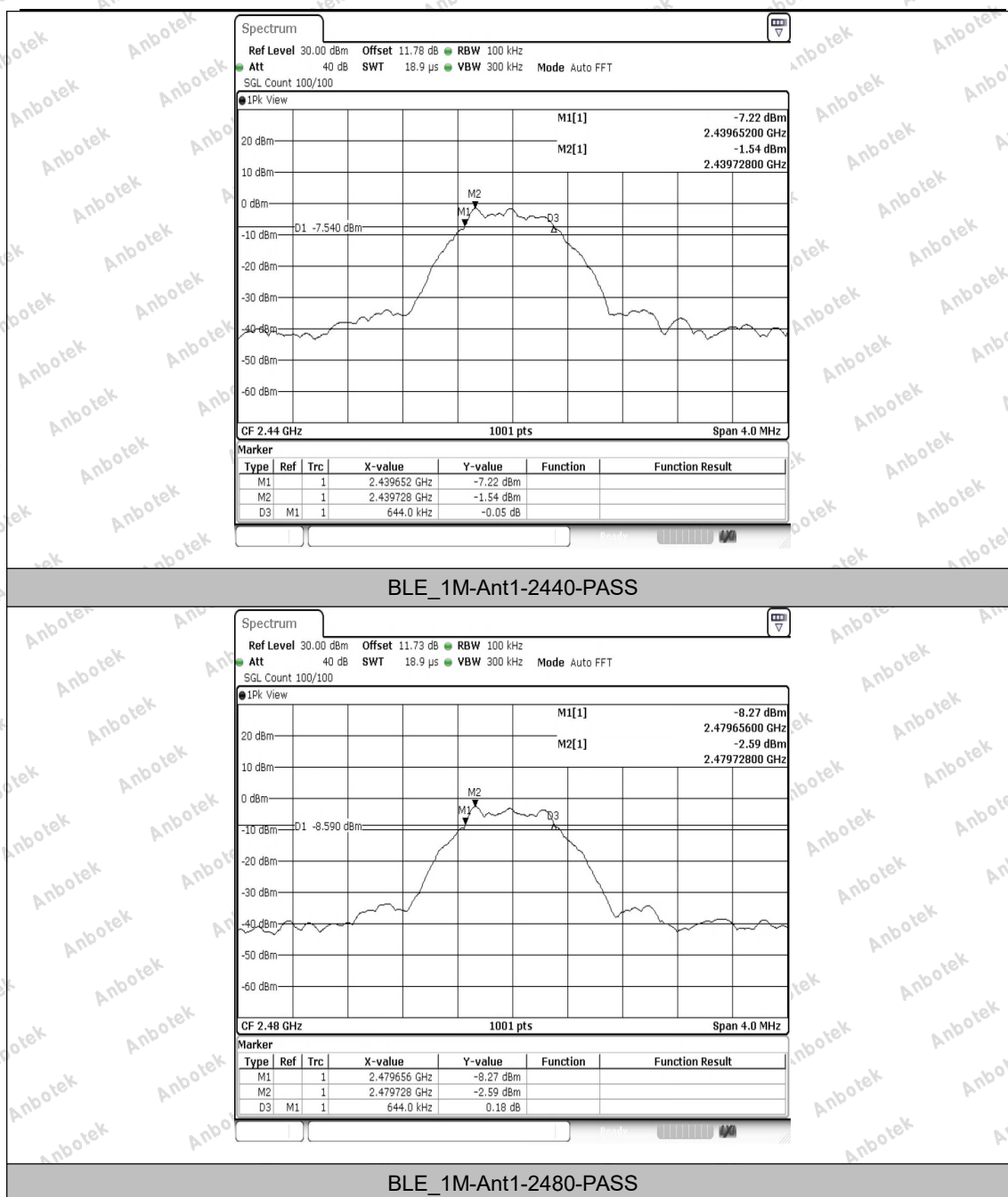
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.65	2401.65	2402.30	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.65	2440.30	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.66	2480.30	0.5	PASS

Test Graphs



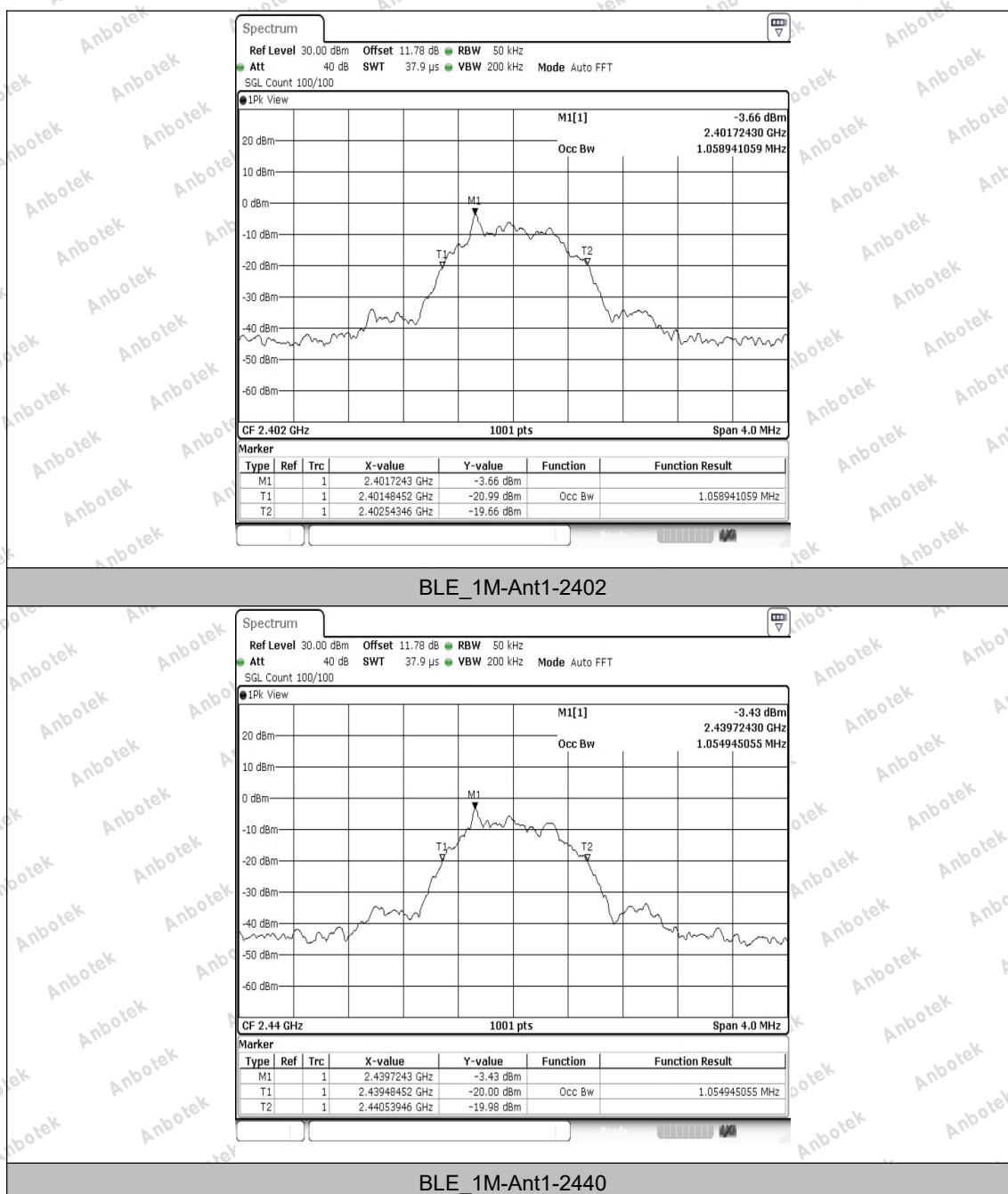


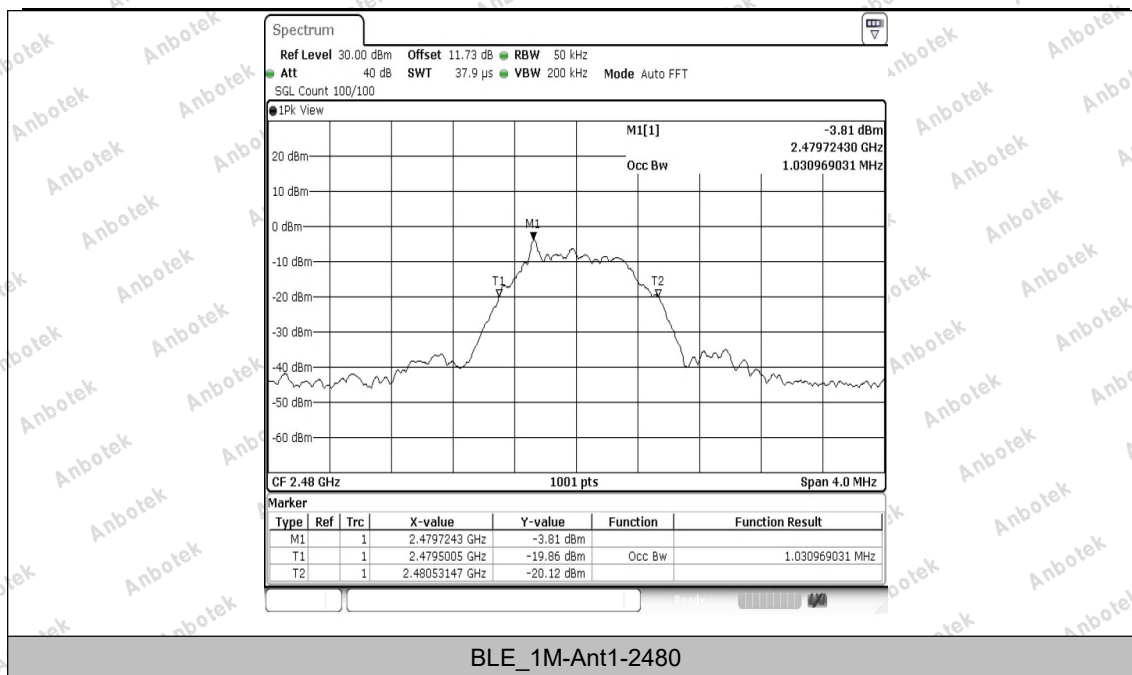
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.059	2401.4845	2402.5435	---	---
BLE_1M	Ant1	2440	1.055	2439.4845	2440.5395	---	---
BLE_1M	Ant1	2480	1.031	2479.5005	2480.5315	---	---

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	-2.87	≤30	PASS
BLE_1M	Ant1	2440	-2.83	≤30	PASS
BLE_1M	Ant1	2480	-3.32	≤30	PASS

Test Graphs Peak



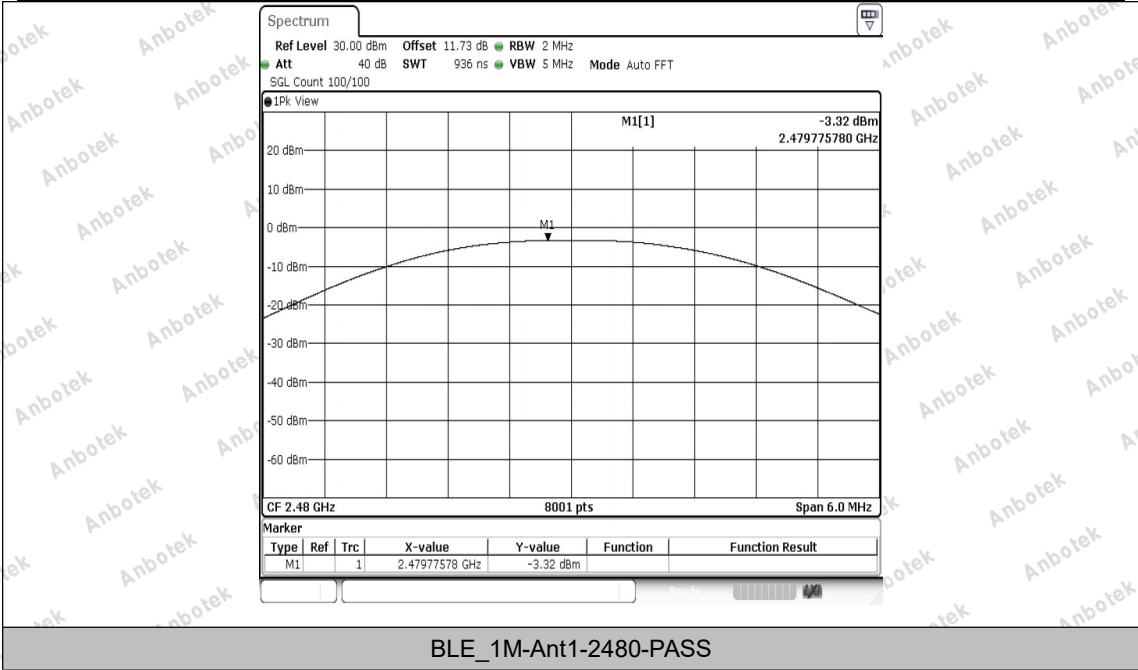
Shenzhen Anbotek Compliance Laboratory Limited

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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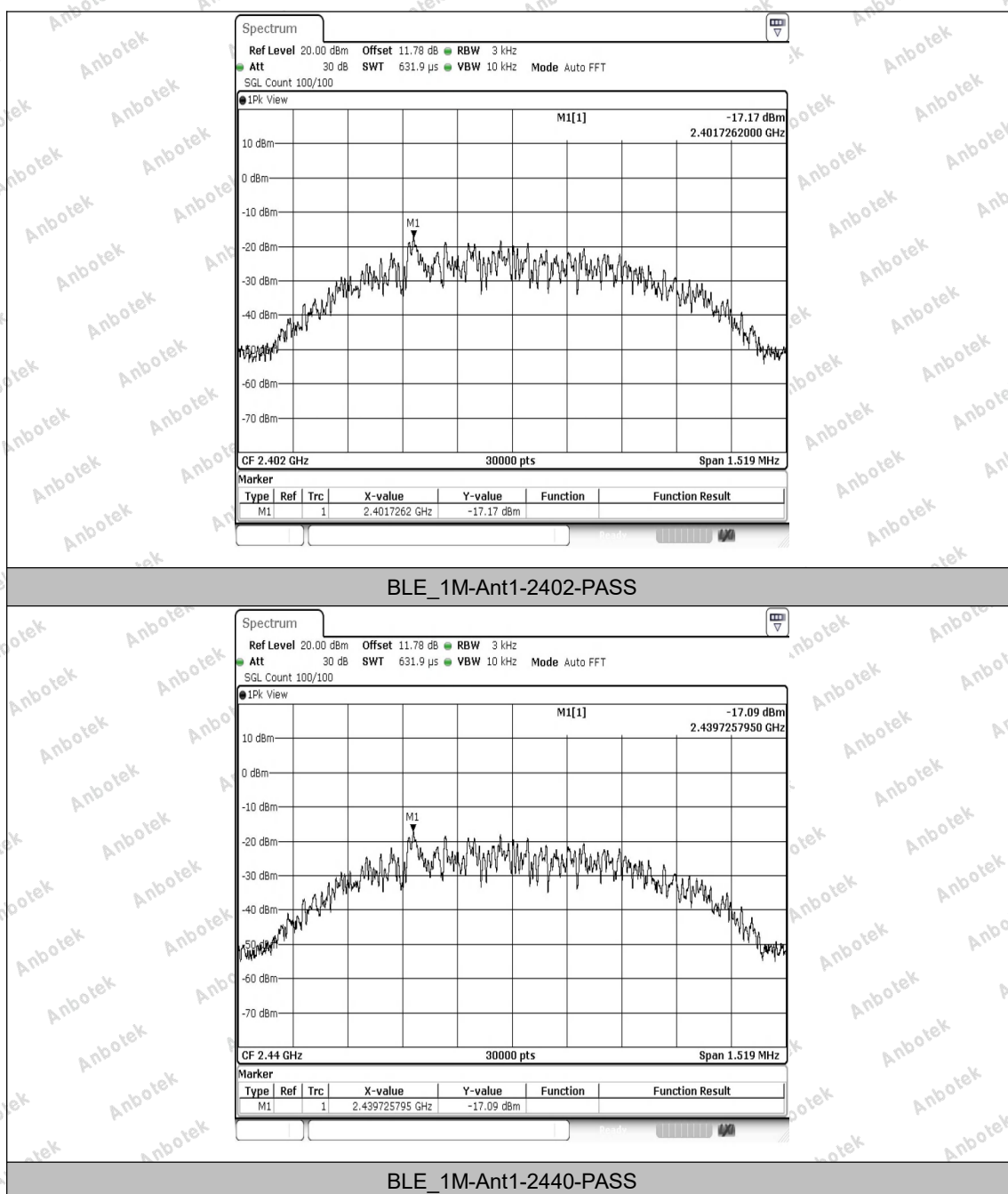


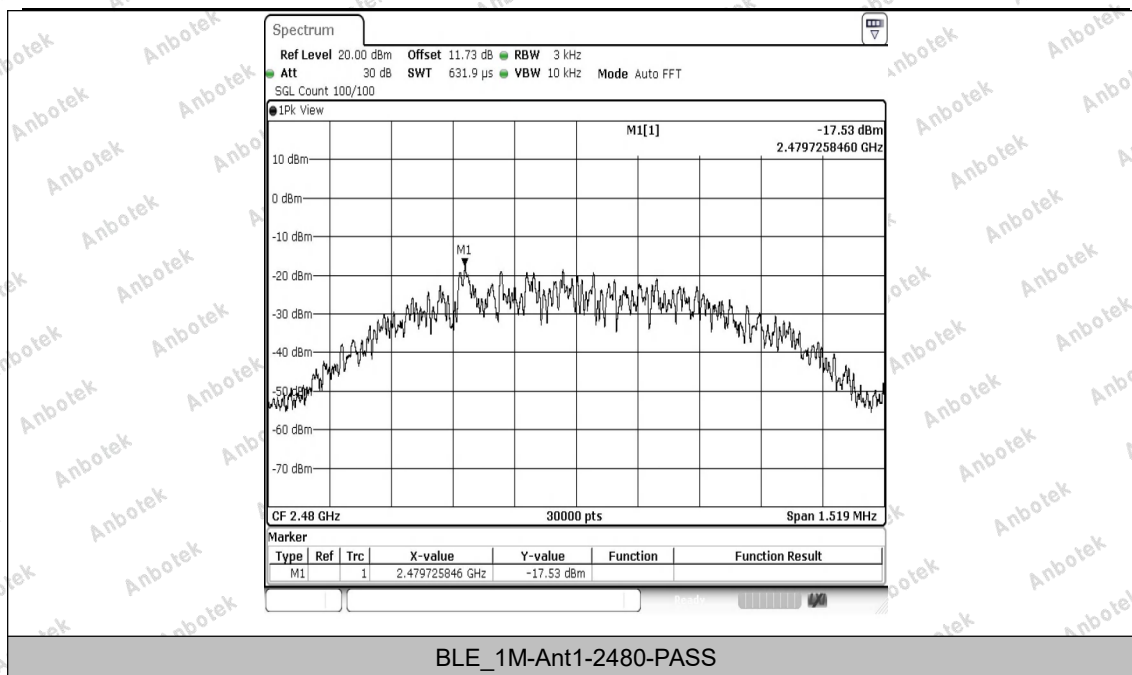
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.17	≤8.00	PASS
BLE_1M	Ant1	2440	-17.09	≤8.00	PASS
BLE_1M	Ant1	2480	-17.53	≤8.00	PASS

Test Graphs



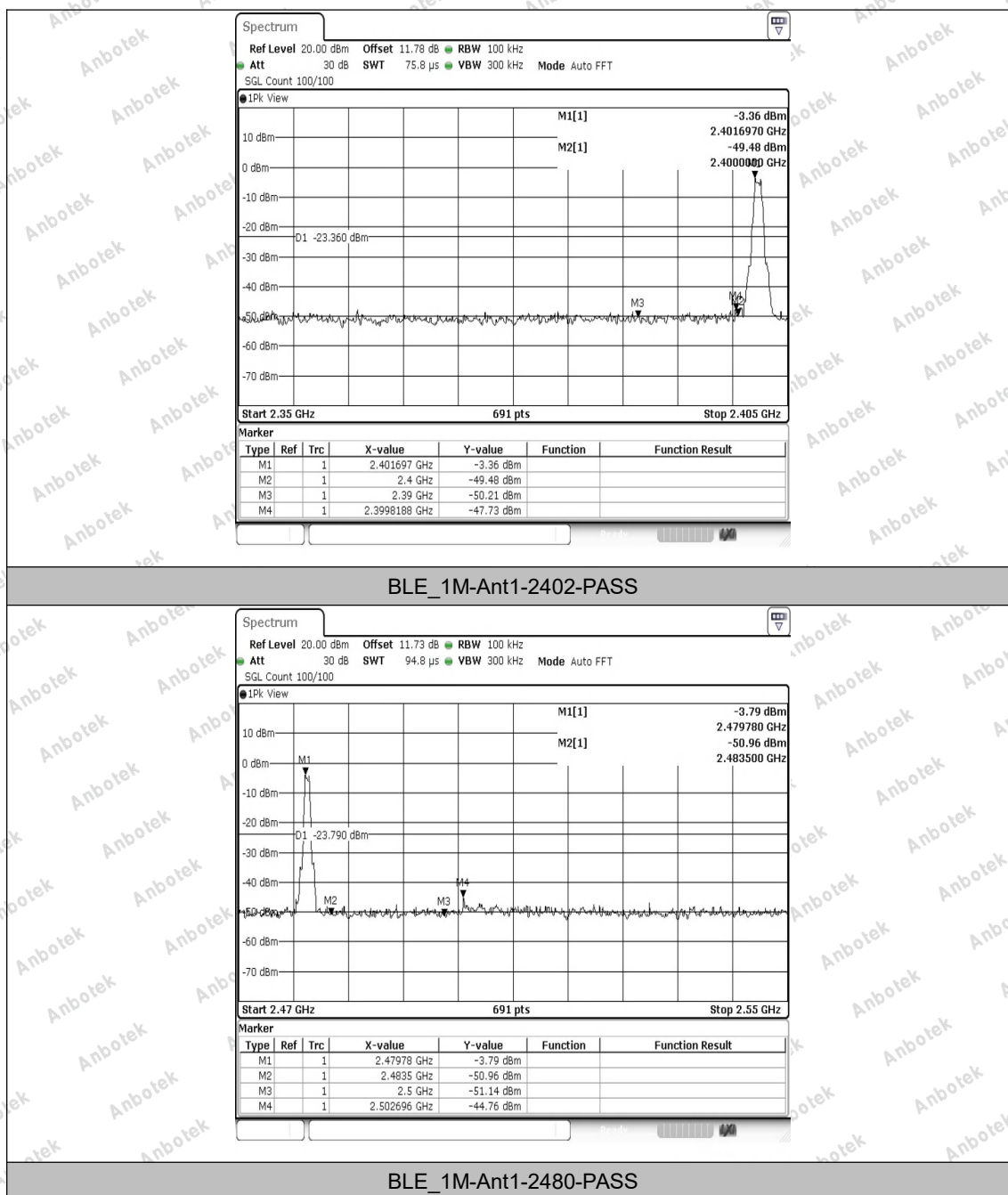


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.36	-47.73	≤-23.36	PASS
BLE_1M	Ant1	High	2480	-3.79	-44.76	≤-23.79	PASS

Test Graphs

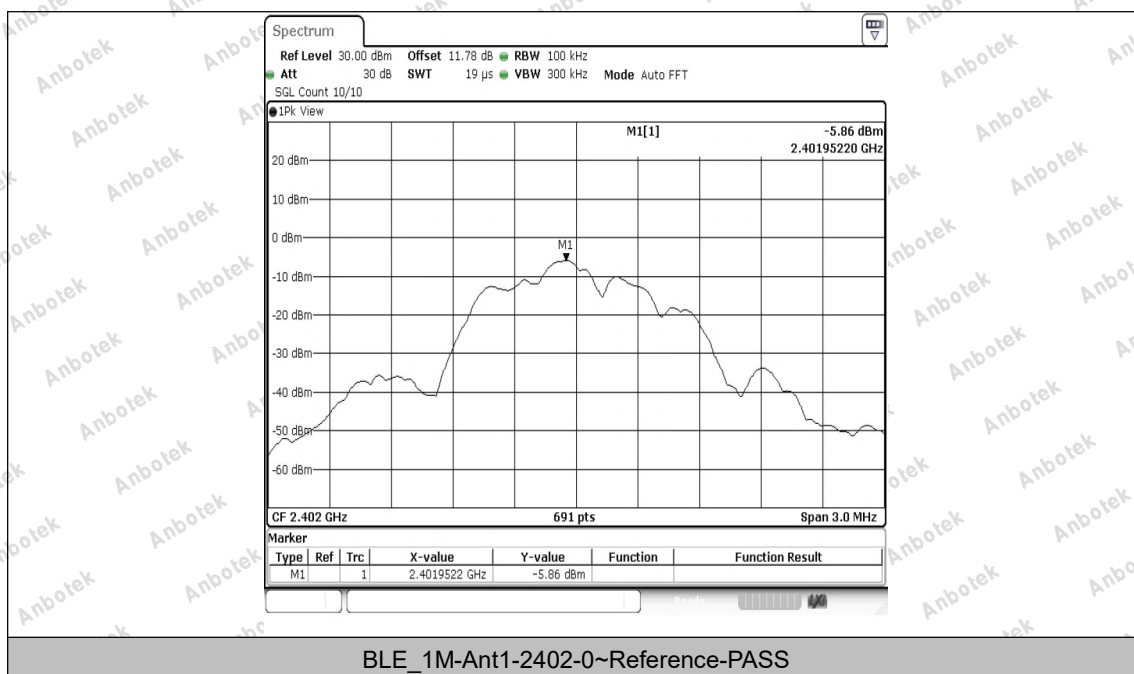


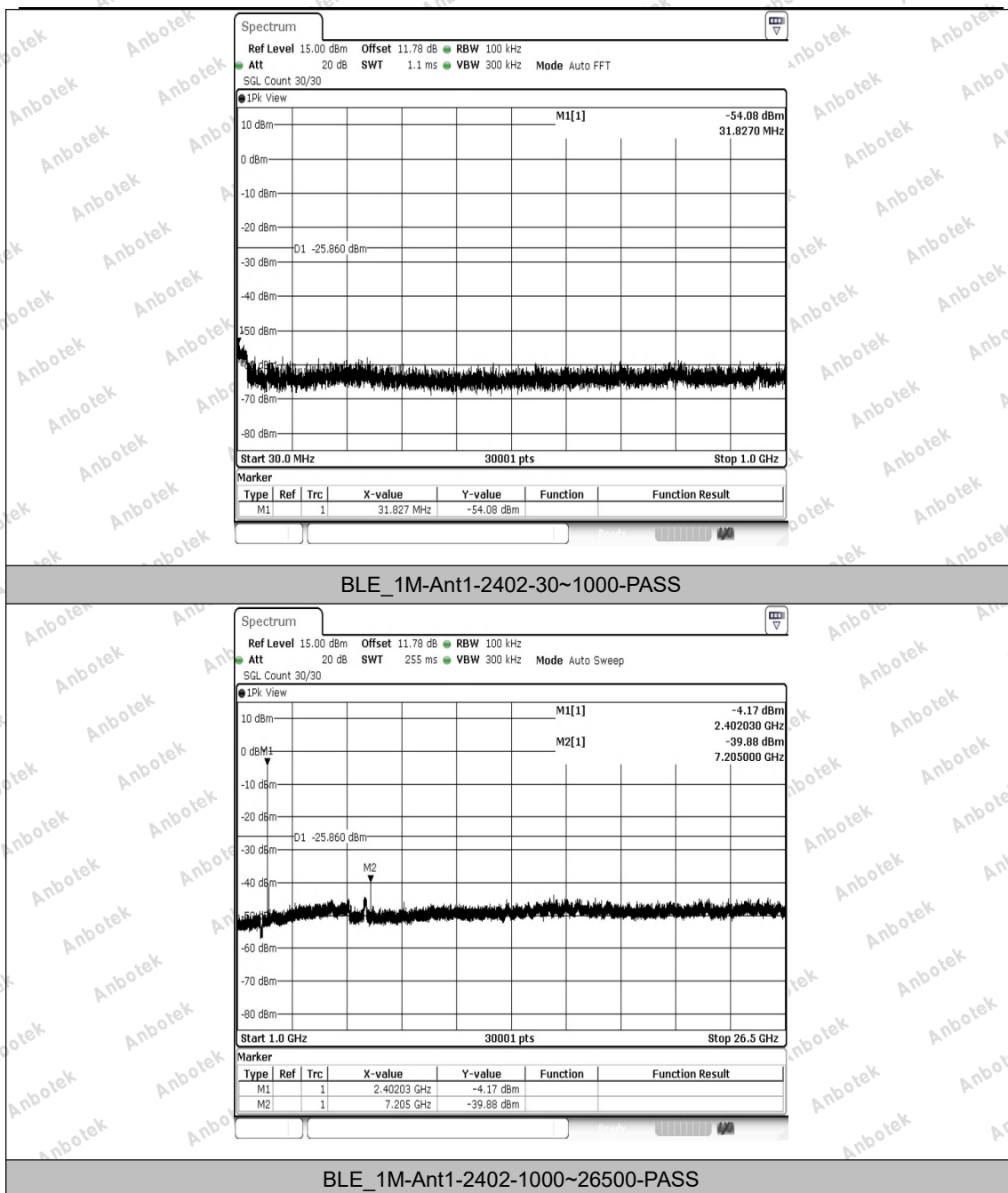
Appendix F: Conducted Spurious Emission

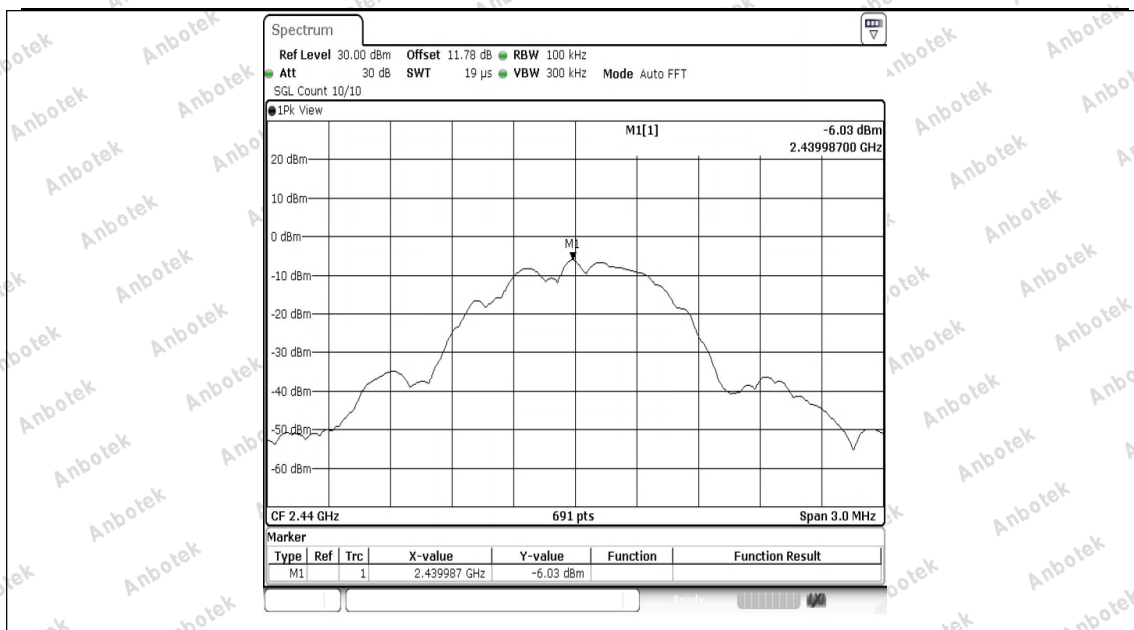
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-5.86	-5.86	---	PASS
BLE_1M	Ant1	2402	30~1000	-5.86	-54.08	≤-25.86	PASS
BLE_1M	Ant1	2402	1000~26500	-5.86	-39.88	≤-25.86	PASS
BLE_1M	Ant1	2440	0~Reference	-6.03	-6.03	---	PASS
BLE_1M	Ant1	2440	30~1000	-6.03	-54.82	≤-26.03	PASS
BLE_1M	Ant1	2440	1000~26500	-6.03	-41.39	≤-26.03	PASS
BLE_1M	Ant1	2480	0~Reference	-3.90	-3.90	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.90	-57.44	≤-23.9	PASS
BLE_1M	Ant1	2480	1000~26500	-3.90	-42.19	≤-23.9	PASS

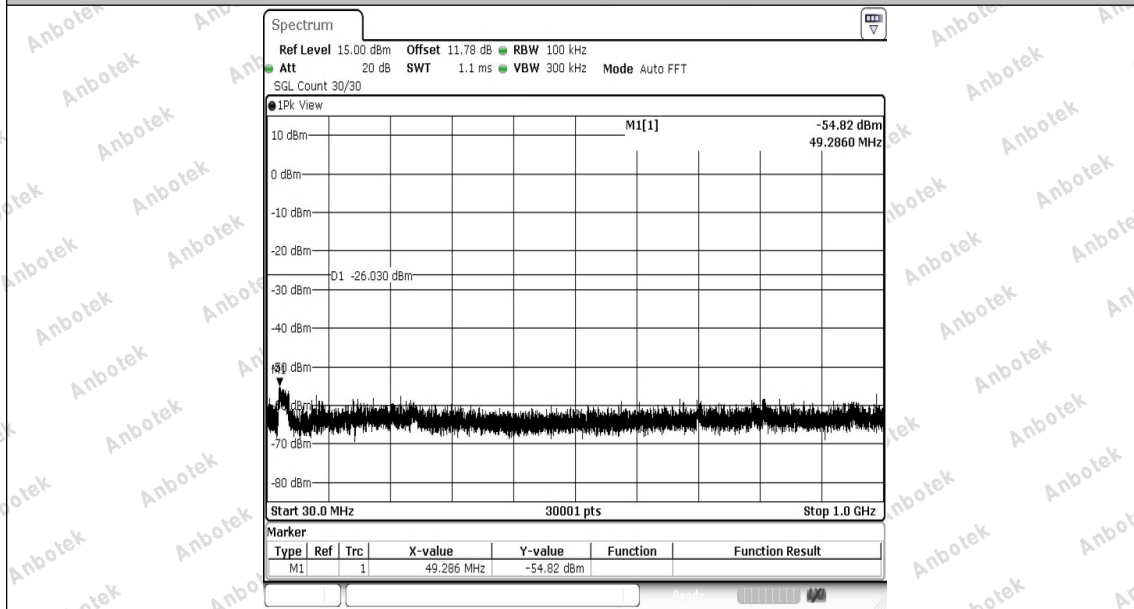
Test Graphs





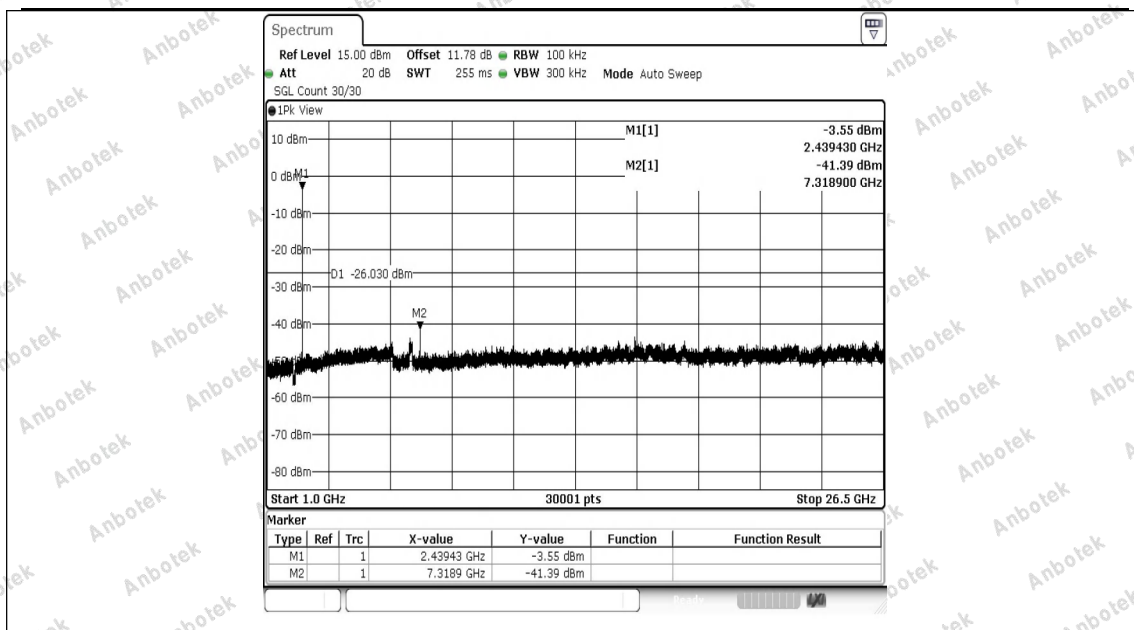


BLE_1M-Ant1-2440-0~Reference-PASS

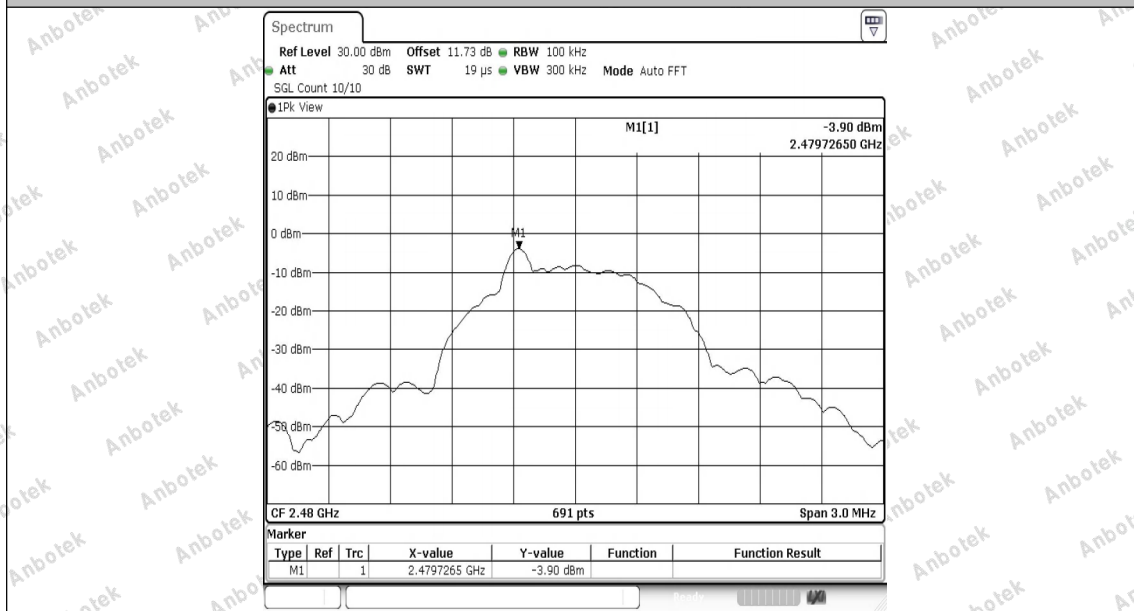


BLE_1M-Ant1-2440-30~1000-PASS



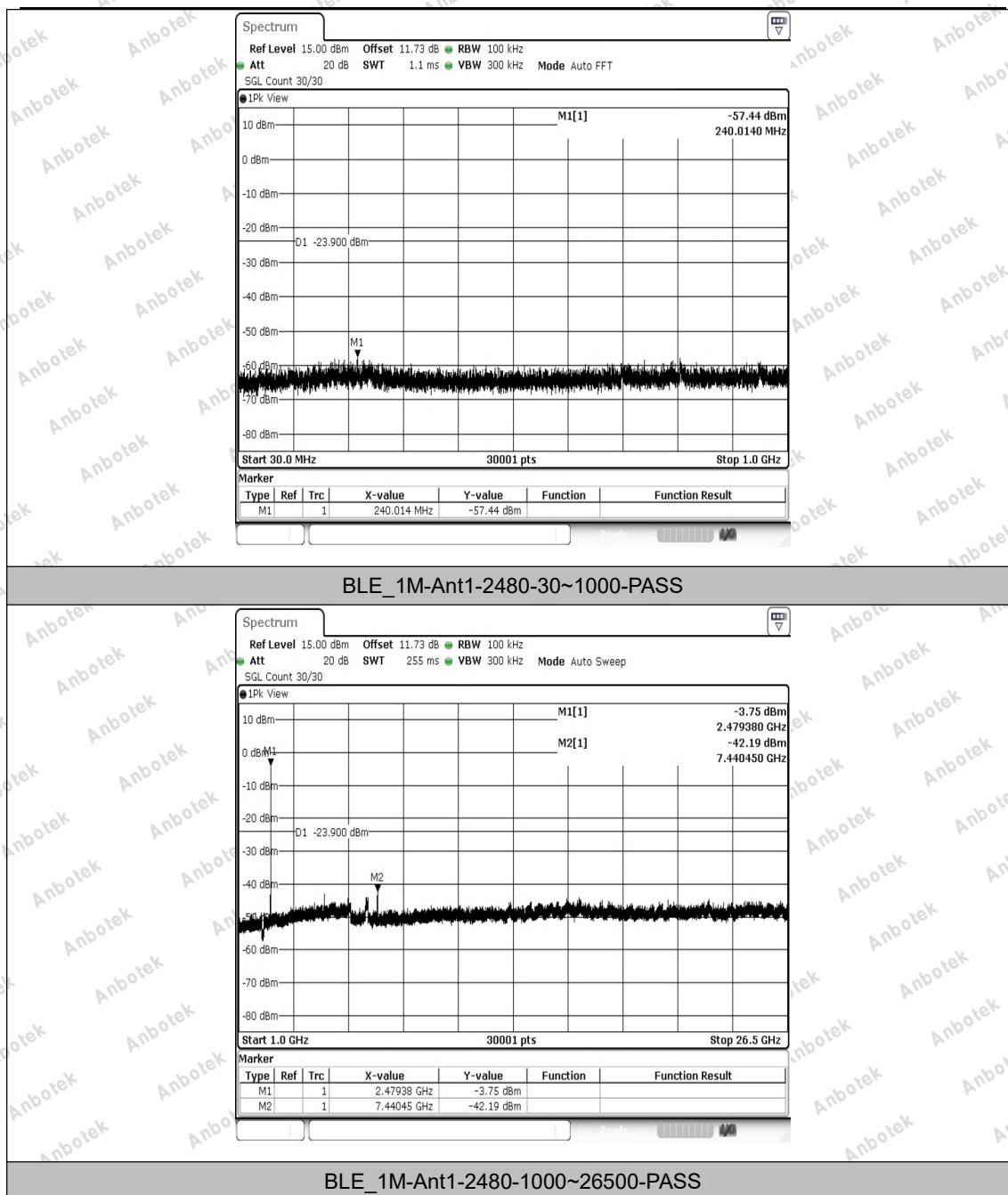


BLE_1M-Ant1-2440-1000~26500-PASS



BLE_1M-Ant1-2480-0~Reference-PASS



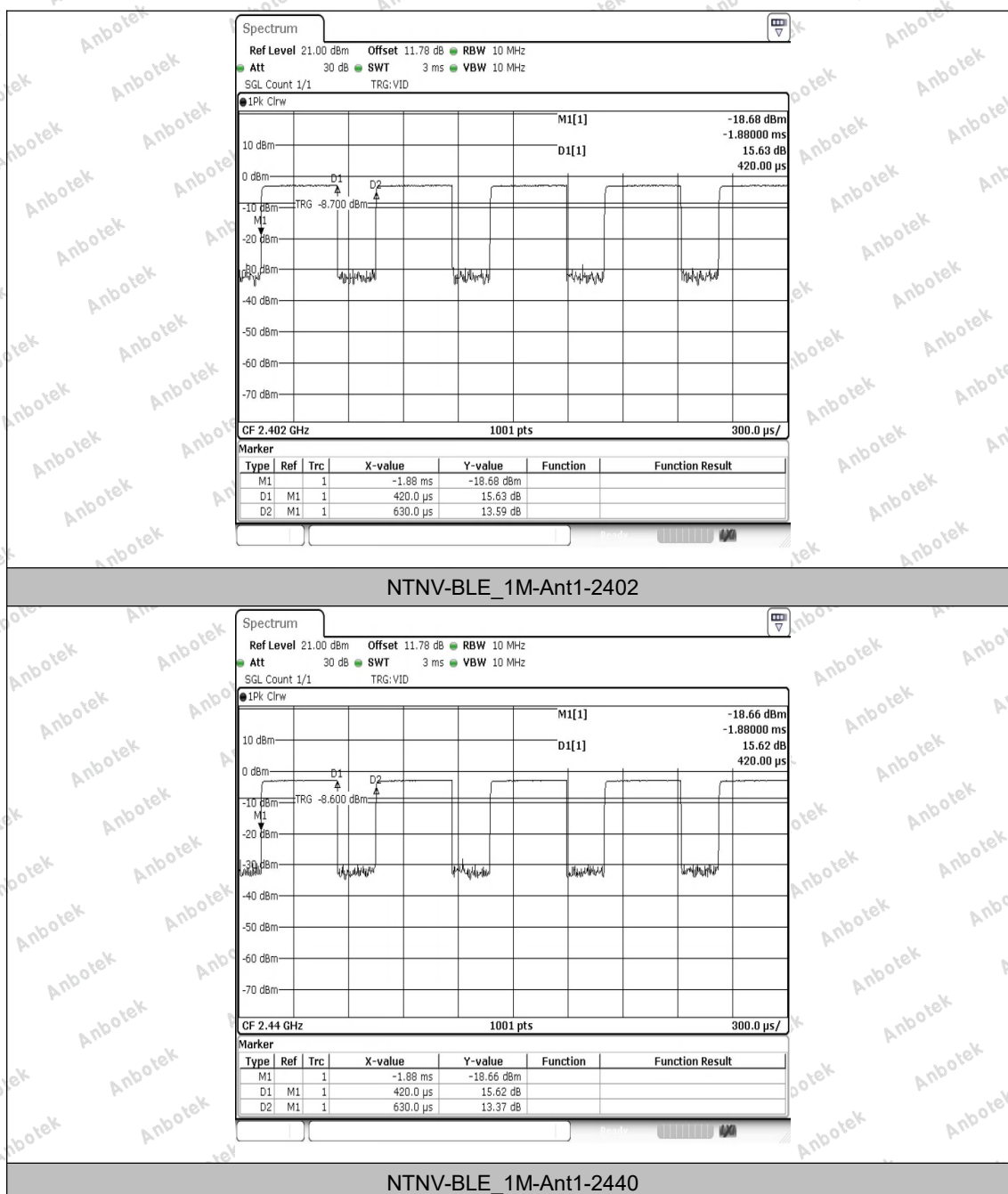


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.42	0.63	66.67	1.76
BLE_1M	Ant1	2440	0.42	0.63	66.67	1.76
BLE_1M	Ant1	2480	0.42	0.63	66.67	1.76

Test Graphs



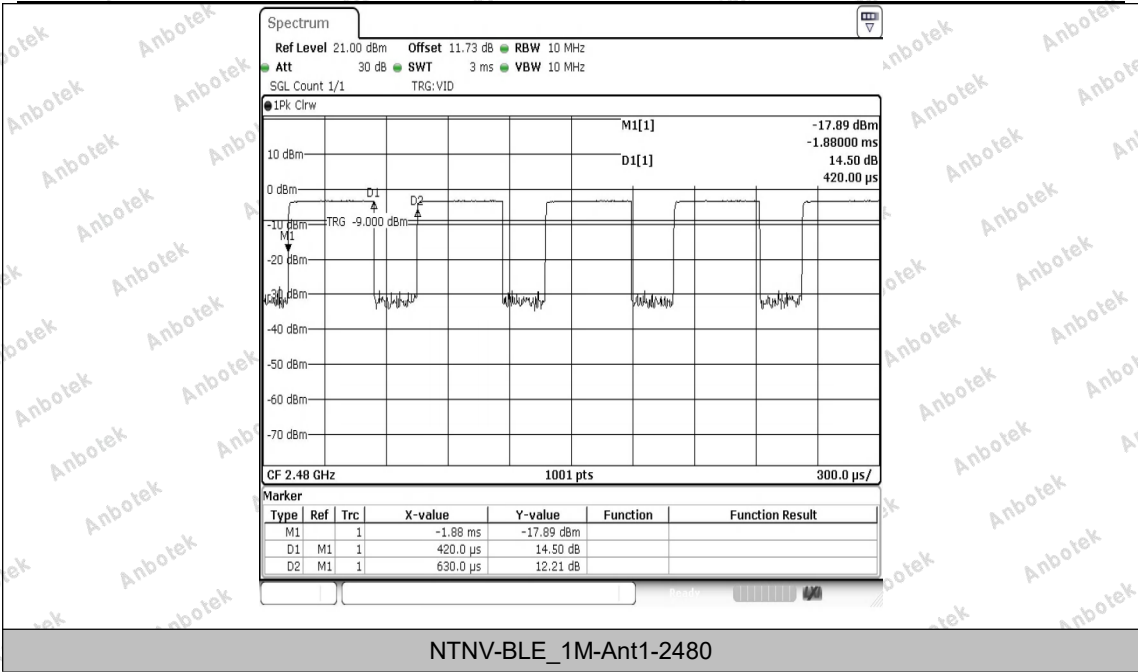
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