

Appendix Test Data

Report No:	182512C400544102	Test Sample NO:	1-2-2
Start Test Date:	2024.8.8	Finish Test Date:	2024.8.8
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

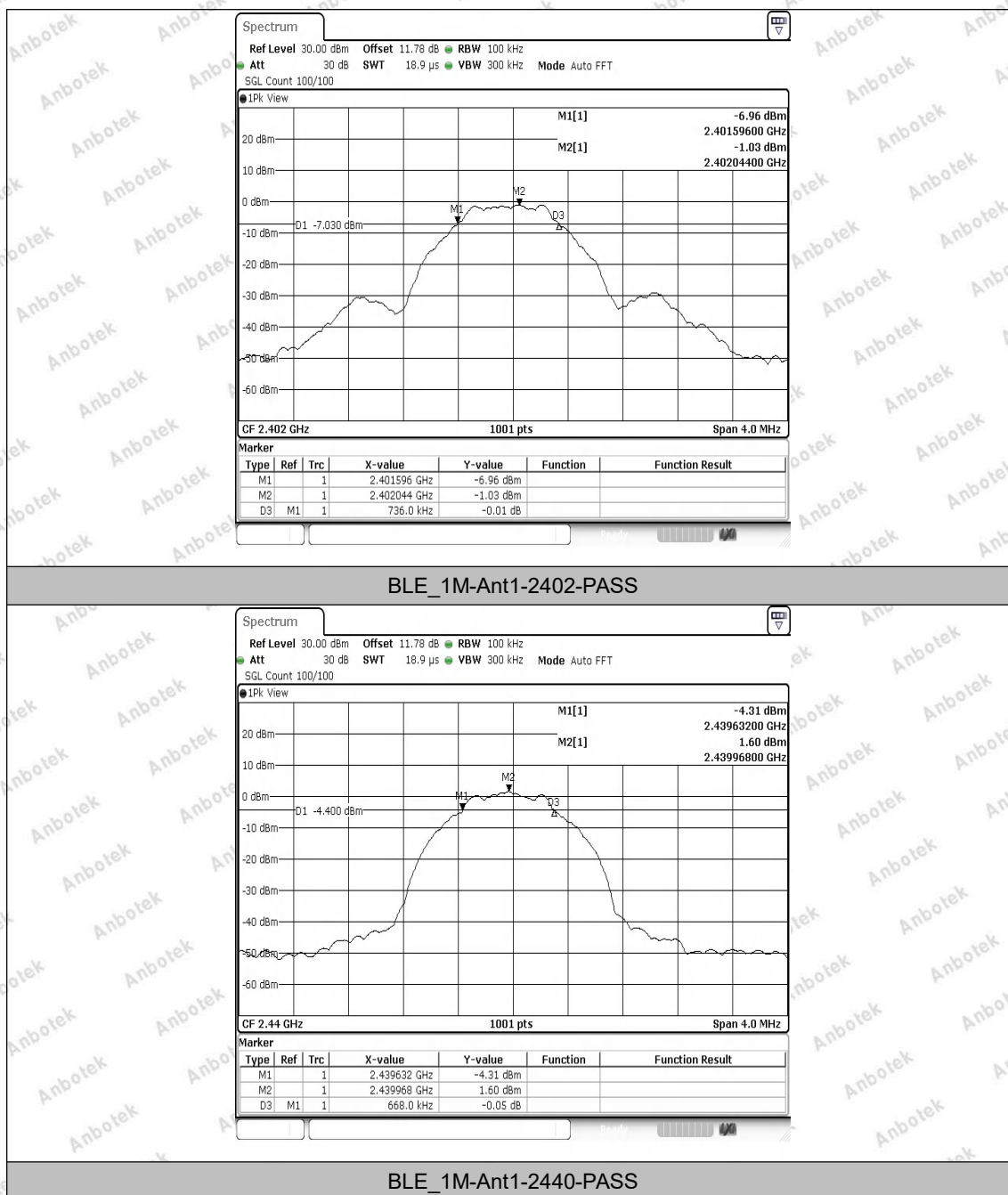
Appendix A: DTS Bandwidth

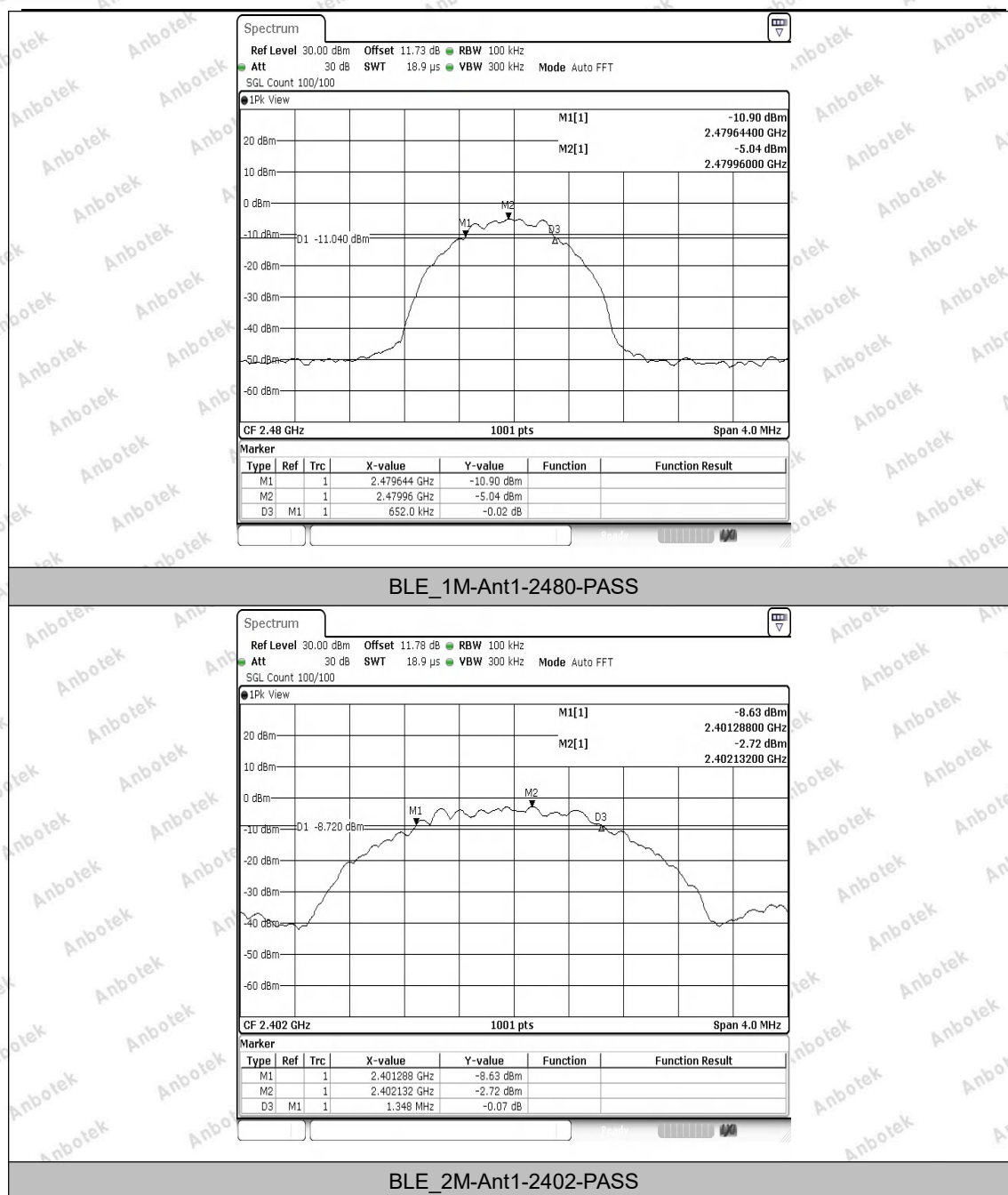
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.74	2401.60	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.67	2439.63	2440.30	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.64	2480.30	0.5	PASS
BLE_2M	Ant1	2402	1.35	2401.29	2402.64	0.5	PASS
BLE_2M	Ant1	2440	1.31	2439.30	2440.61	0.5	PASS
BLE_2M	Ant1	2480	1.34	2479.29	2480.63	0.5	PASS



Test Graphs







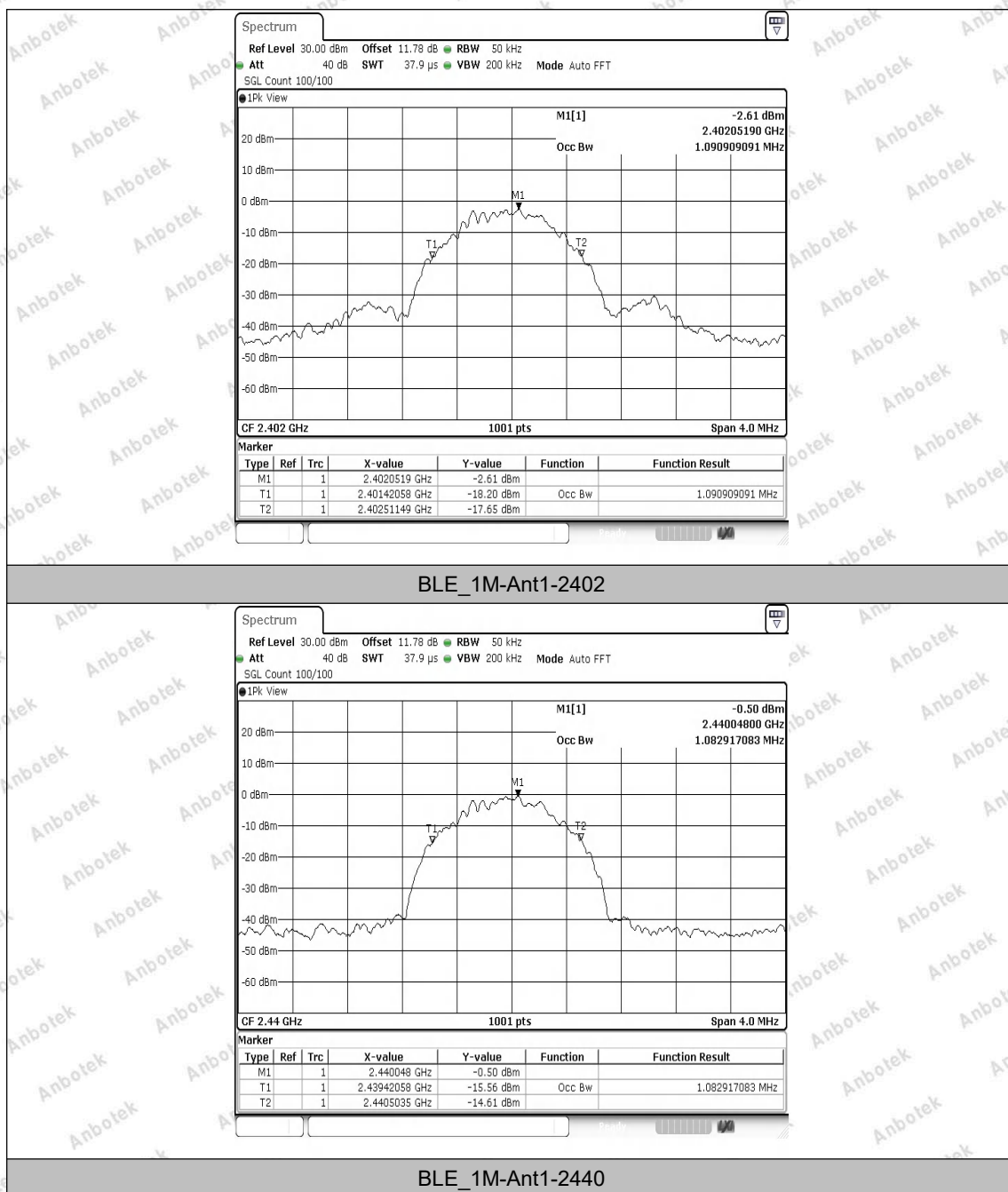
Appendix B: Occupied Channel Bandwidth

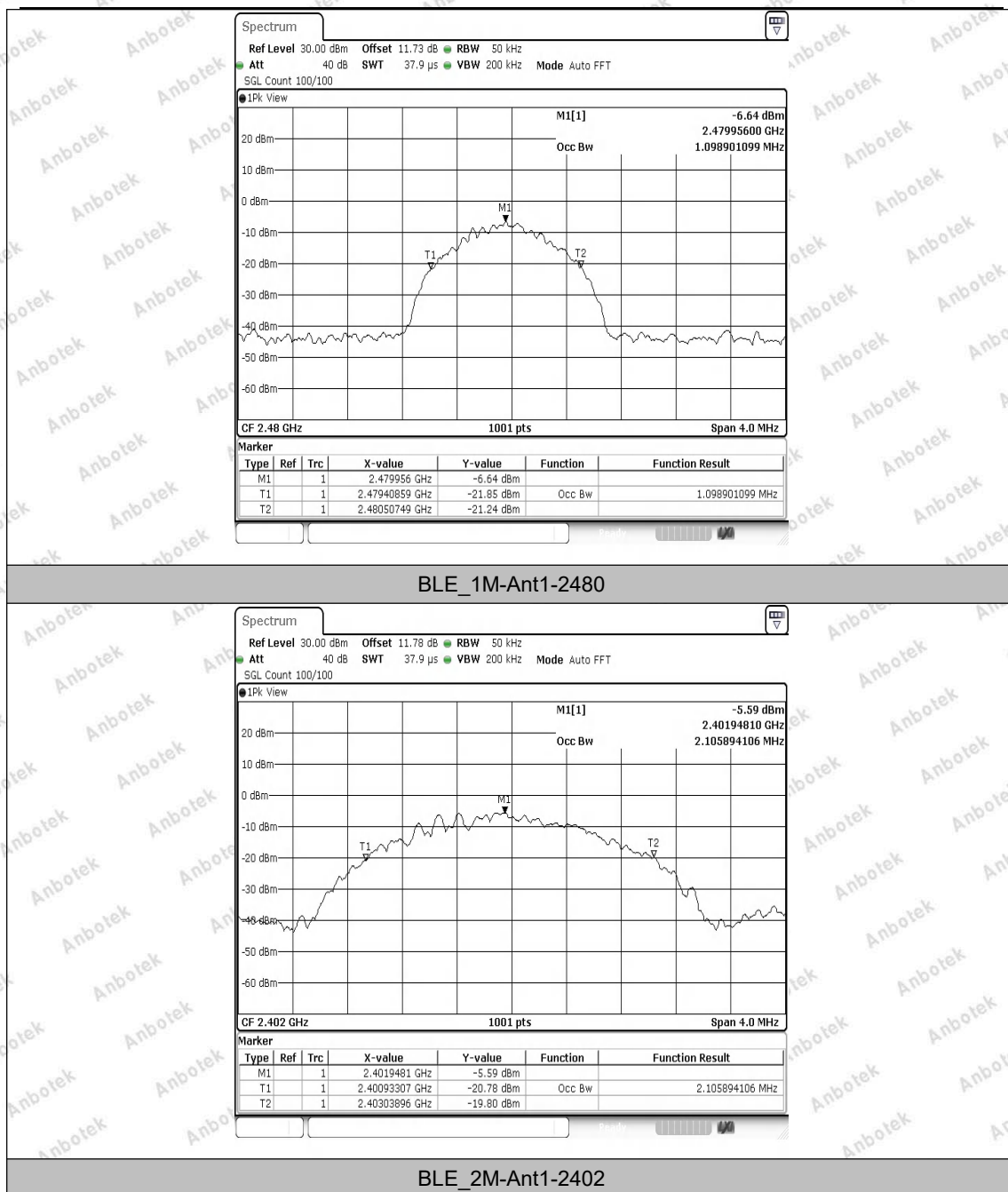
Test Result

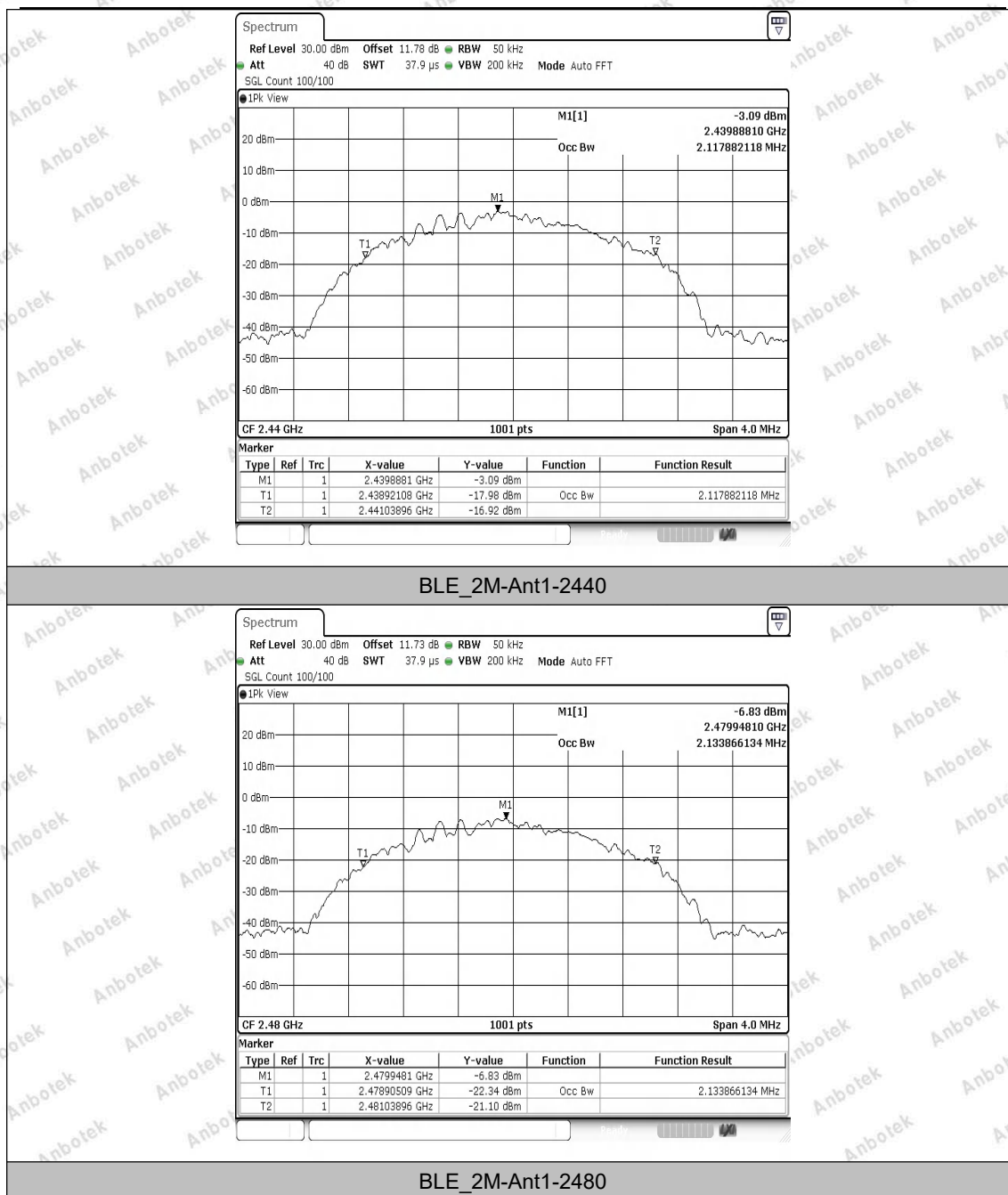
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.091	2401.4206	2402.5115	---	---
BLE_1M	Ant1	2440	1.083	2439.4206	2440.5035	---	---
BLE_1M	Ant1	2480	1.099	2479.4086	2480.5075	---	---
BLE_2M	Ant1	2402	2.106	2400.9331	2403.0390	---	---
BLE_2M	Ant1	2440	2.118	2438.9211	2441.0390	---	---
BLE_2M	Ant1	2480	2.134	2478.9051	2481.0390	---	---



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	0.66	≤30	PASS
BLE_1M	Ant1	2440	3.40	≤30	PASS
BLE_1M	Ant1	2480	-2.73	≤30	PASS
BLE_2M	Ant1	2402	0.56	≤30	PASS
BLE_2M	Ant1	2440	3.08	≤30	PASS
BLE_2M	Ant1	2480	-0.64	≤30	PASS



Test Graphs Peak



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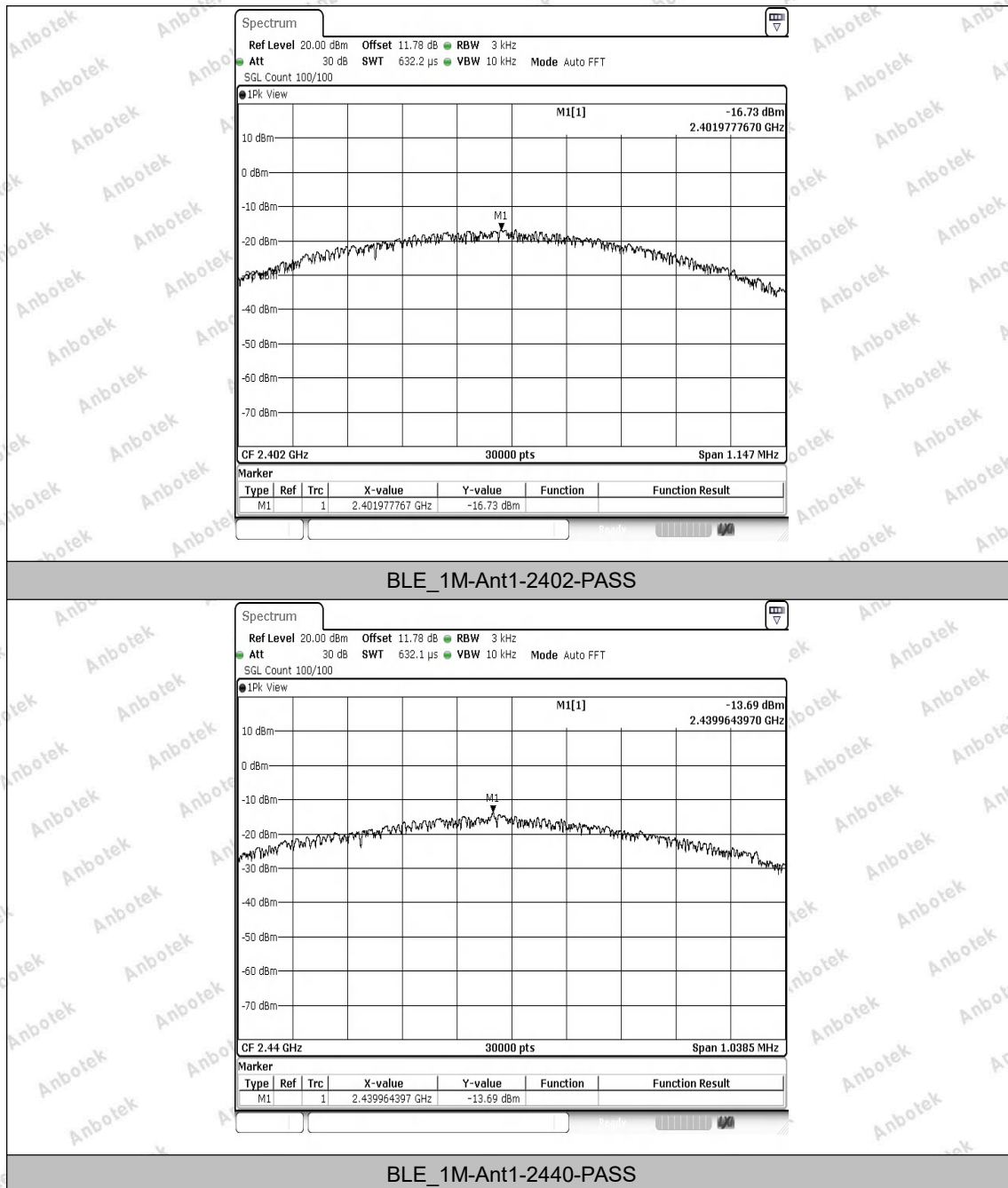
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.73	≤8.00	PASS
BLE_1M	Ant1	2440	-13.69	≤8.00	PASS
BLE_1M	Ant1	2480	-20.52	≤8.00	PASS
BLE_2M	Ant1	2402	-22.07	≤8.00	PASS
BLE_2M	Ant1	2440	-19.20	≤8.00	PASS
BLE_2M	Ant1	2480	-22.57	≤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	-0.84	-47.21	≤-20.84	PASS
BLE_1M	Ant1	High	2480	-4.43	-35.98	≤-24.43	PASS
BLE_2M	Ant1	Low	2402	-3.55	-36.31	≤-23.55	PASS
BLE_2M	Ant1	High	2480	-4.29	-35	≤-24.29	PASS

