

Appendix Test Data

Report No:	1819C40009712502	Test Sample NO:	1-2-2
Start Test Date:	2024.08.19	Finish Test Date:	2024.08.19
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.3℃	Relative Humidity:	49%
Pressure:	101 kPa		

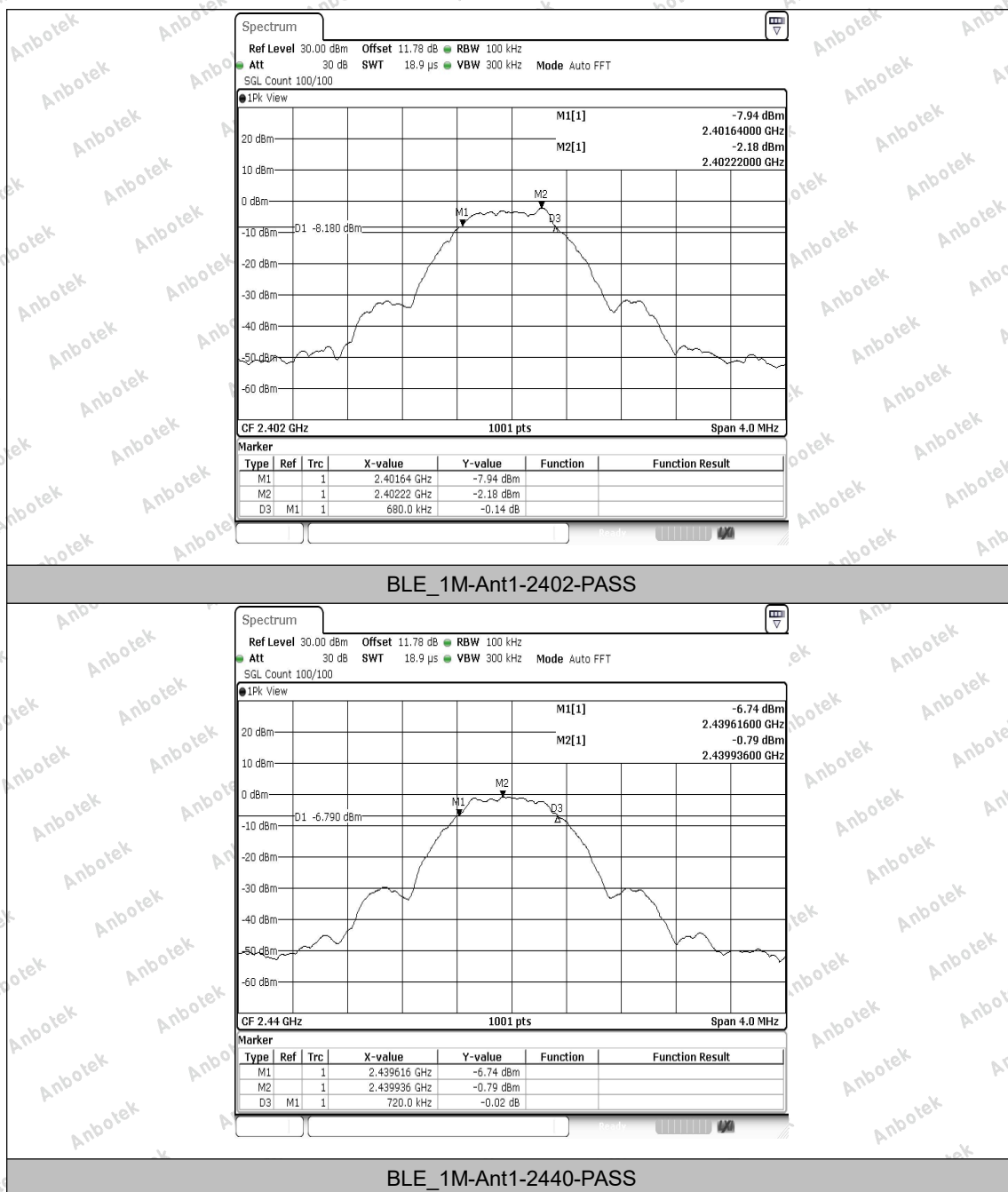
Appendix A: DTS Bandwidth

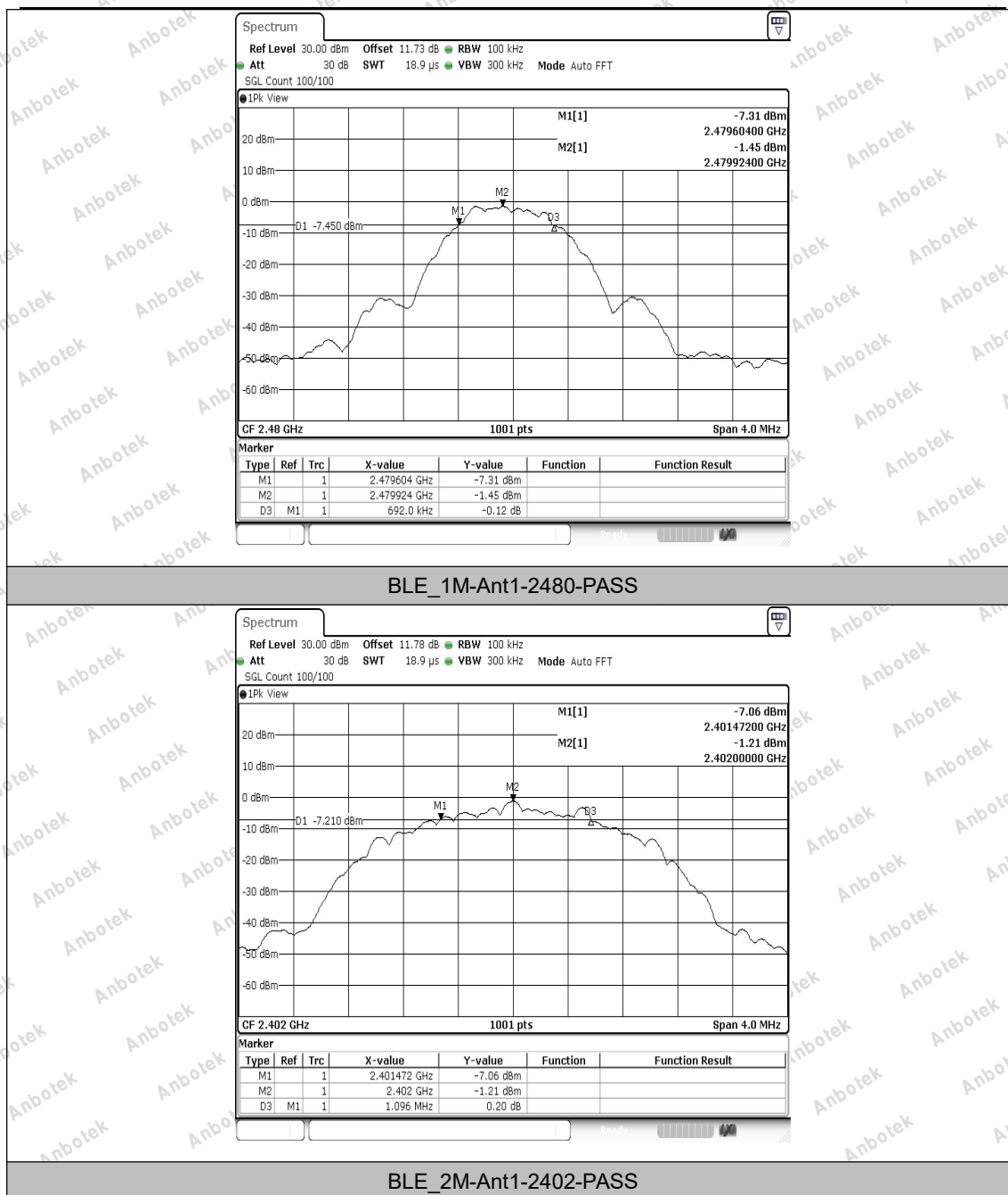
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.68	2401.64	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.62	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.69	2479.60	2480.30	0.5	PASS
BLE_2M	Ant1	2402	1.10	2401.47	2402.57	0.5	PASS
BLE_2M	Ant1	2440	1.20	2439.38	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.40	2479.31	2480.71	0.5	PASS



Test Graphs







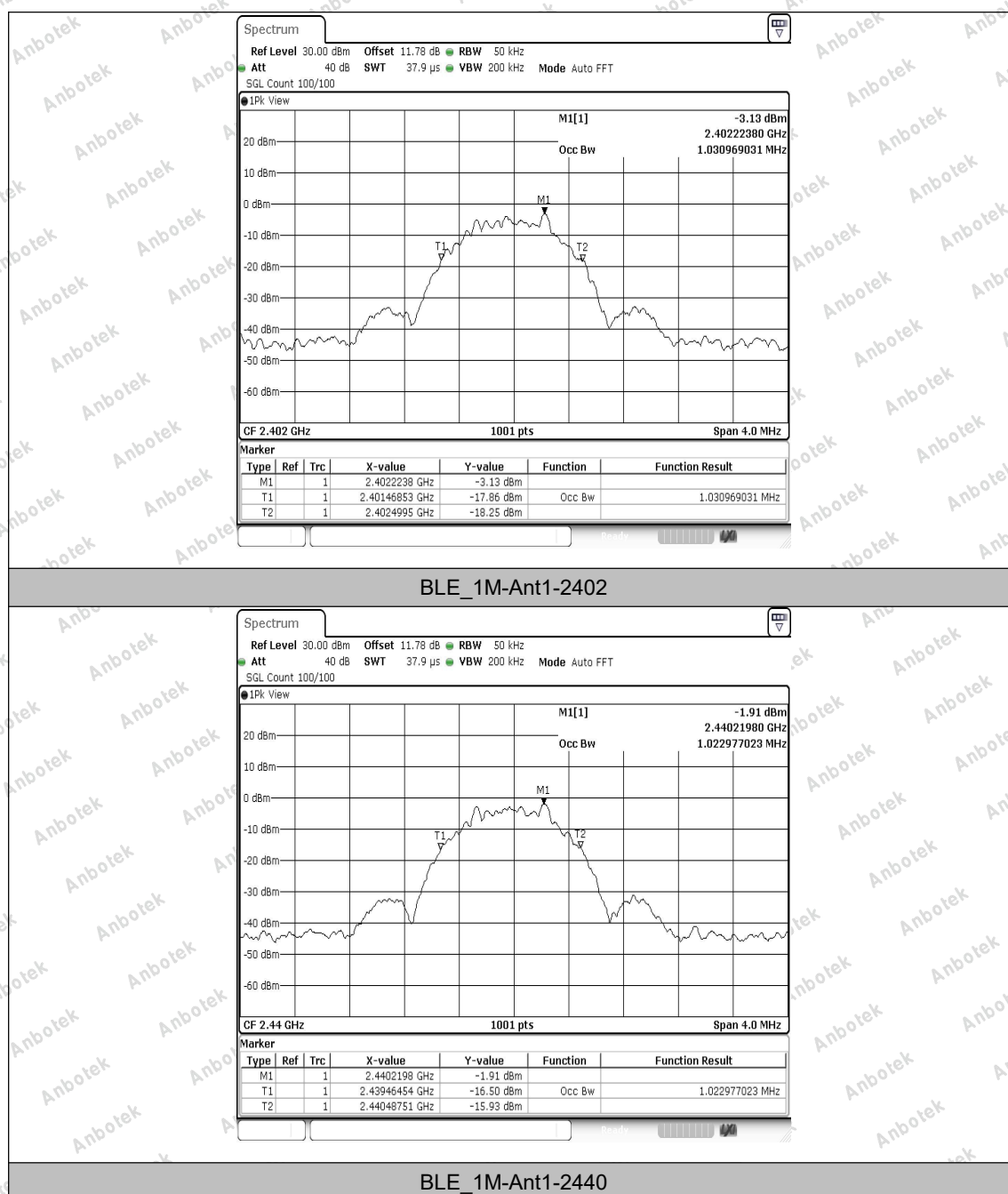
Appendix B: Occupied Channel Bandwidth

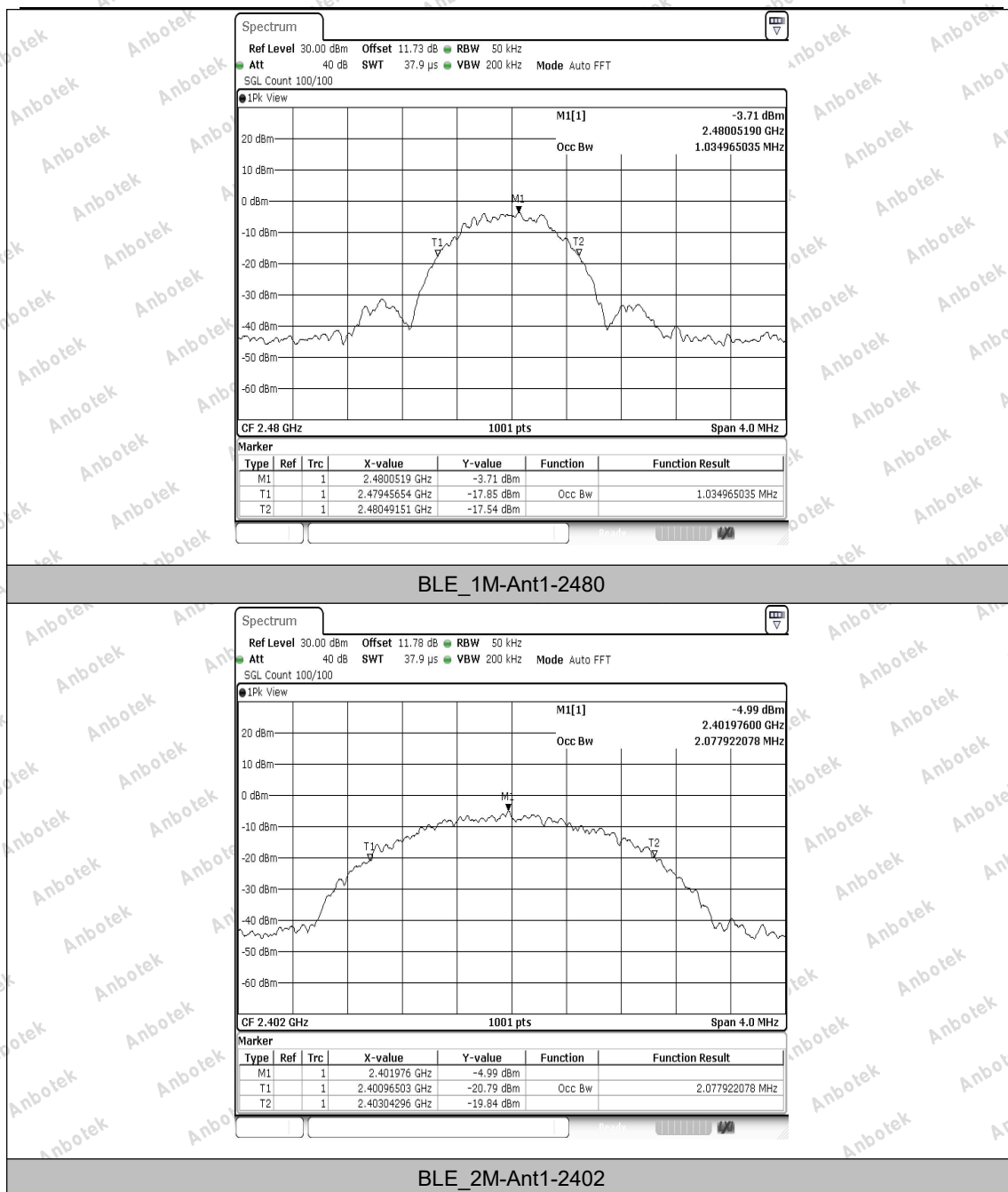
Test Result

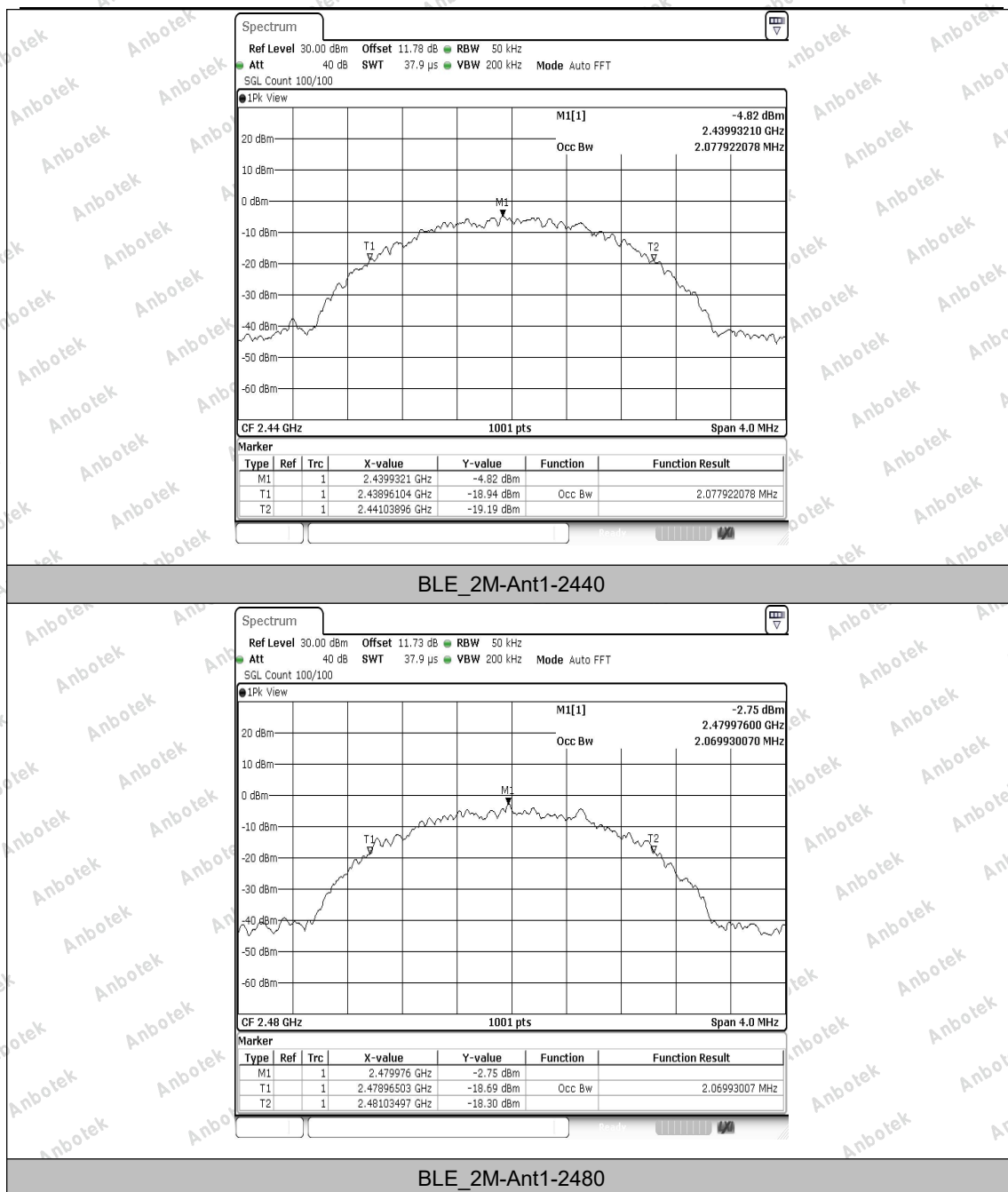
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.4685	2402.4995	---	---
BLE_1M	Ant1	2440	1.023	2439.4645	2440.4875	---	---
BLE_1M	Ant1	2480	1.035	2479.4565	2480.4915	---	---
BLE_2M	Ant1	2402	2.078	2400.9650	2403.0430	---	---
BLE_2M	Ant1	2440	2.078	2438.9610	2441.0390	---	---
BLE_2M	Ant1	2480	2.07	2478.9650	2481.0350	---	---



Test Graphs







Appendix C: Maximum conducted output power

Test Result Peak-Left Earphone

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.07	≤30	PASS
BLE_1M	Ant1	2440	0.83	≤30	PASS
BLE_1M	Ant1	2480	0.12	≤30	PASS
BLE_2M	Ant1	2402	0.44	≤30	PASS
BLE_2M	Ant1	2440	1.68	≤30	PASS
BLE_2M	Ant1	2480	-0.17	≤30	PASS



Test Graphs Peak-Left Earphone



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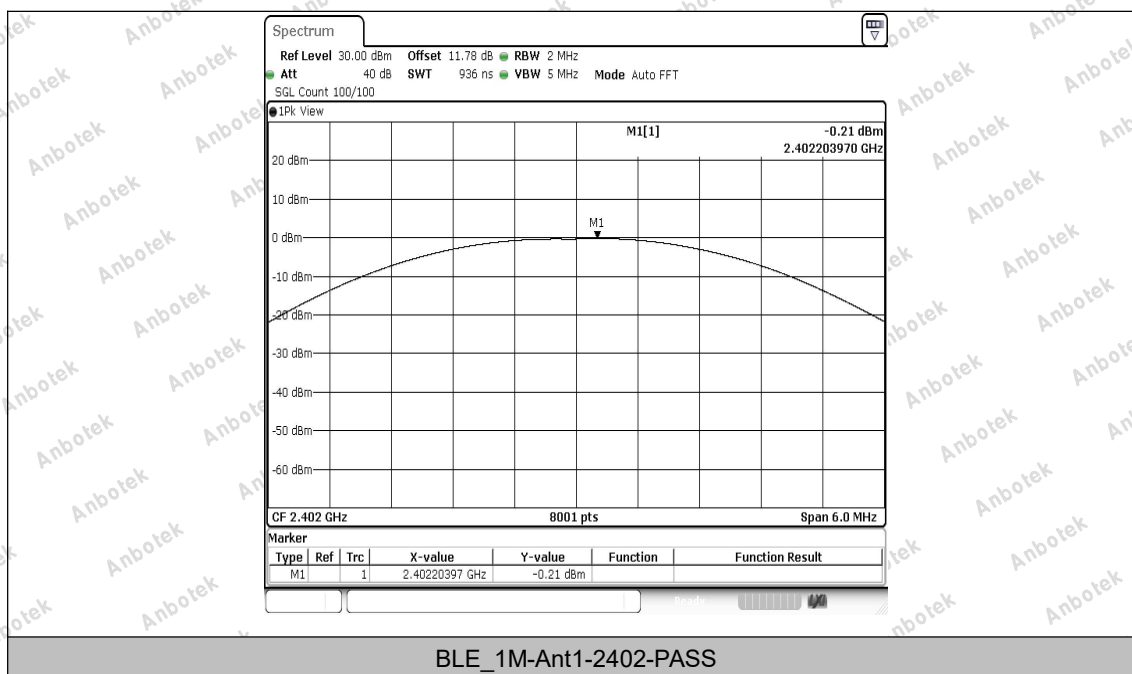


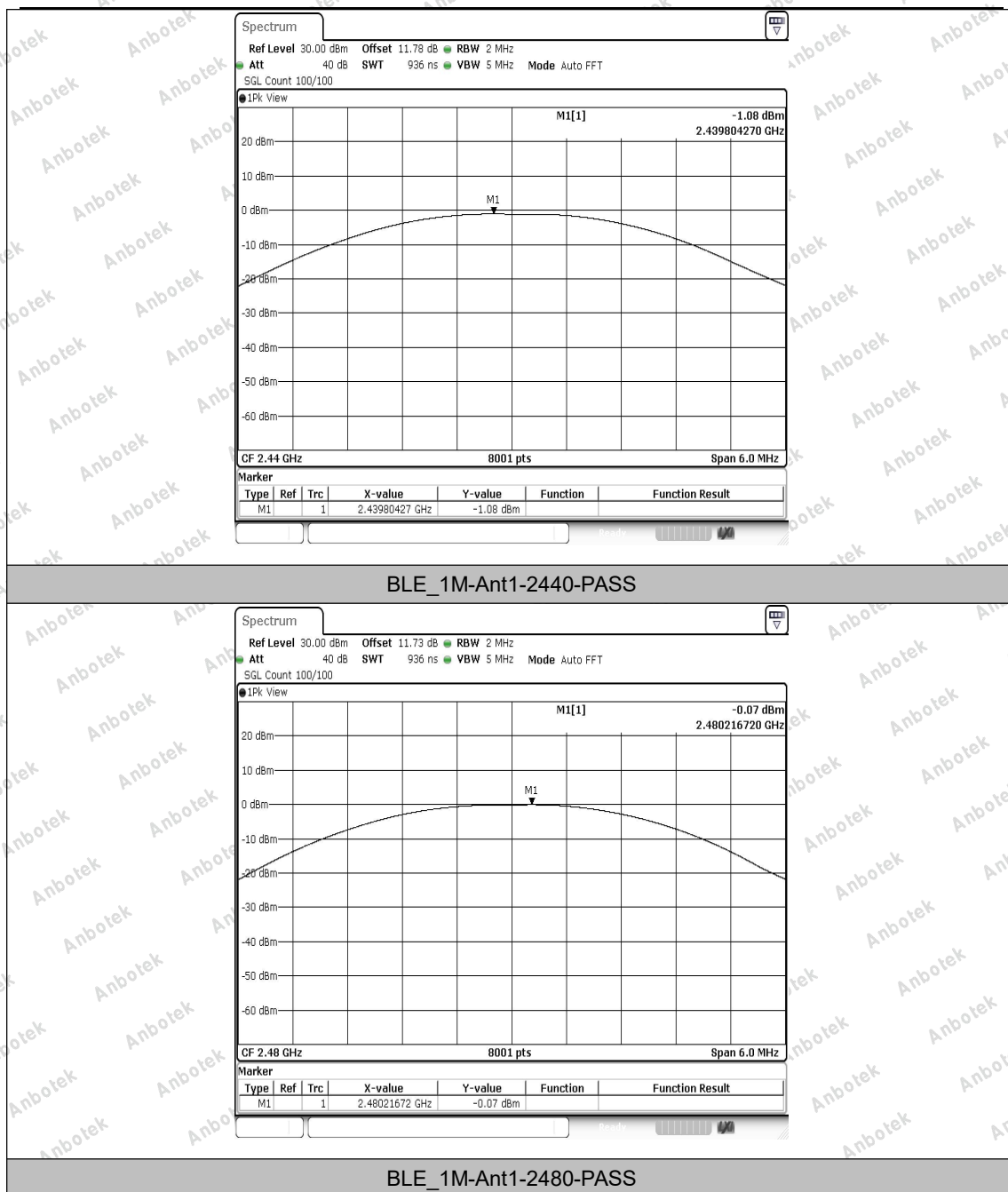


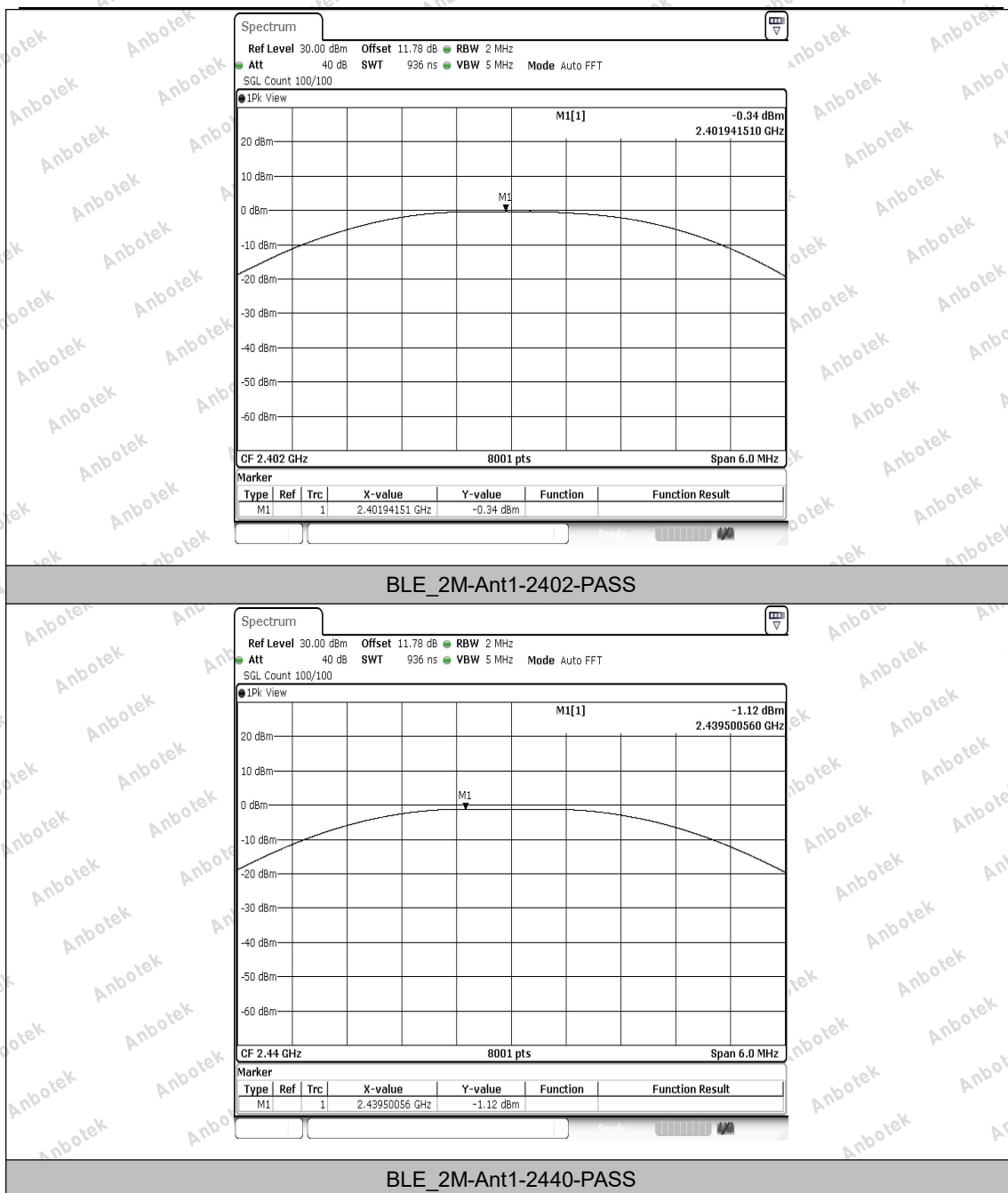
Test Result Peak-Rgiht Earphone

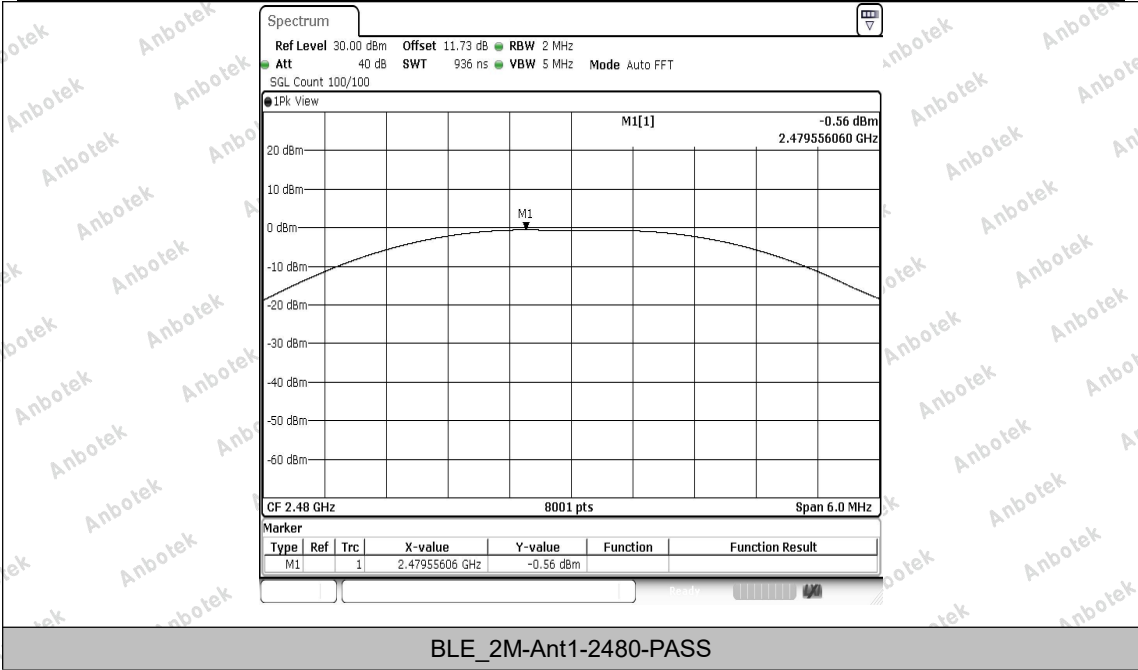
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.21	≤30	PASS
BLE_1M	Ant1	2440	-1.08	≤30	PASS
BLE_1M	Ant1	2480	-0.07	≤30	PASS
BLE_2M	Ant1	2402	-0.34	≤30	PASS
BLE_2M	Ant1	2440	-1.12	≤30	PASS
BLE_2M	Ant1	2480	-0.56	≤30	PASS

Test Graphs Peak-Rgiht Earphone









Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.22	≤8.00	PASS
BLE_1M	Ant1	2440	-16.12	≤8.00	PASS
BLE_1M	Ant1	2480	-16.65	≤8.00	PASS
BLE_2M	Ant1	2402	-15.71	≤8.00	PASS
BLE_2M	Ant1	2440	-14.54	≤8.00	PASS
BLE_2M	Ant1	2480	-16.56	≤8.00	PASS

