

Appendix Test Data

Report No:	1818C40006412501	Test Sample NO:	1-2-2
Start Test Date:	2024.8.12	Finish Test Date:	2024.8.12
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

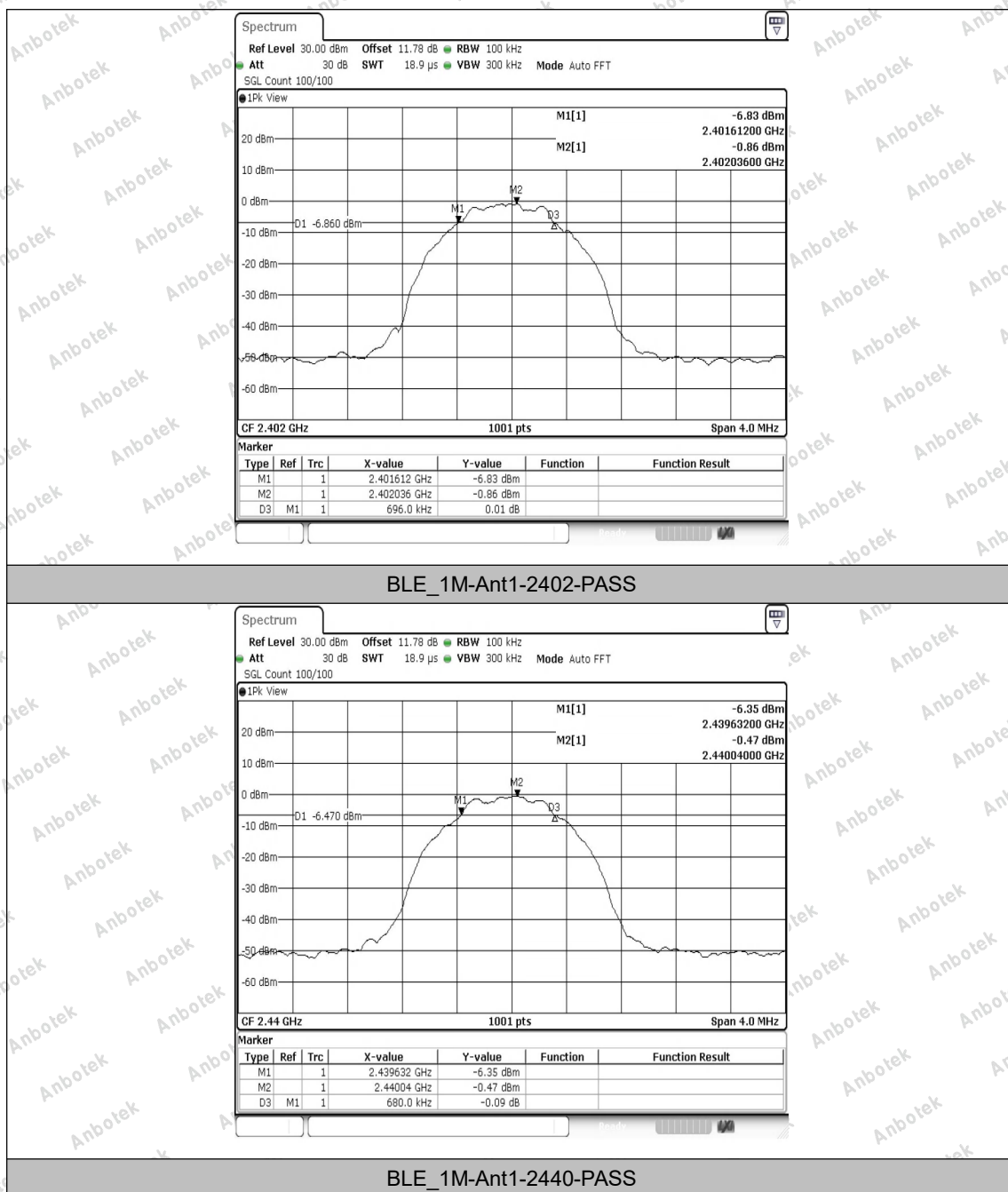
Appendix B: Occupied Channel Bandwidth

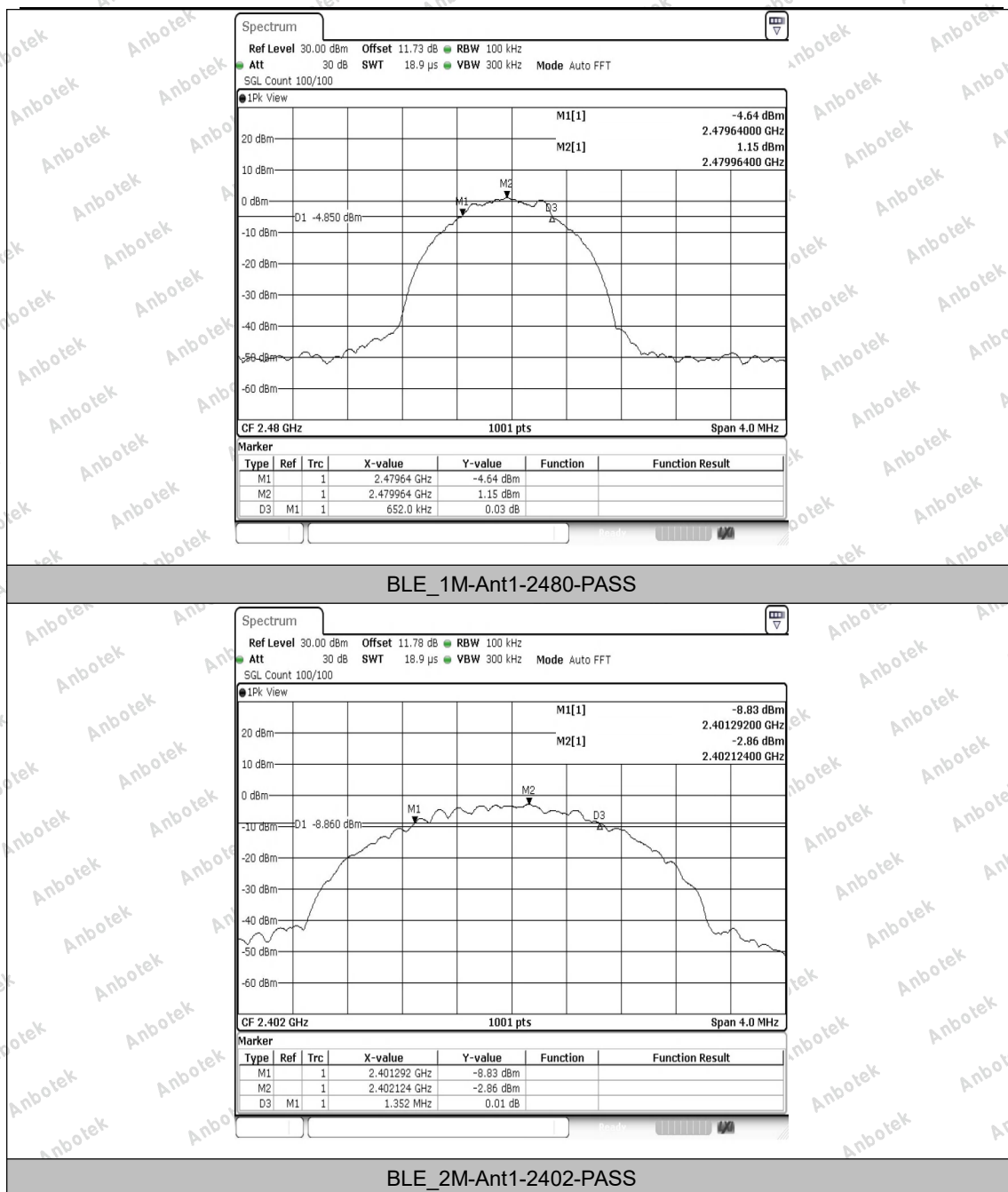
Test Result

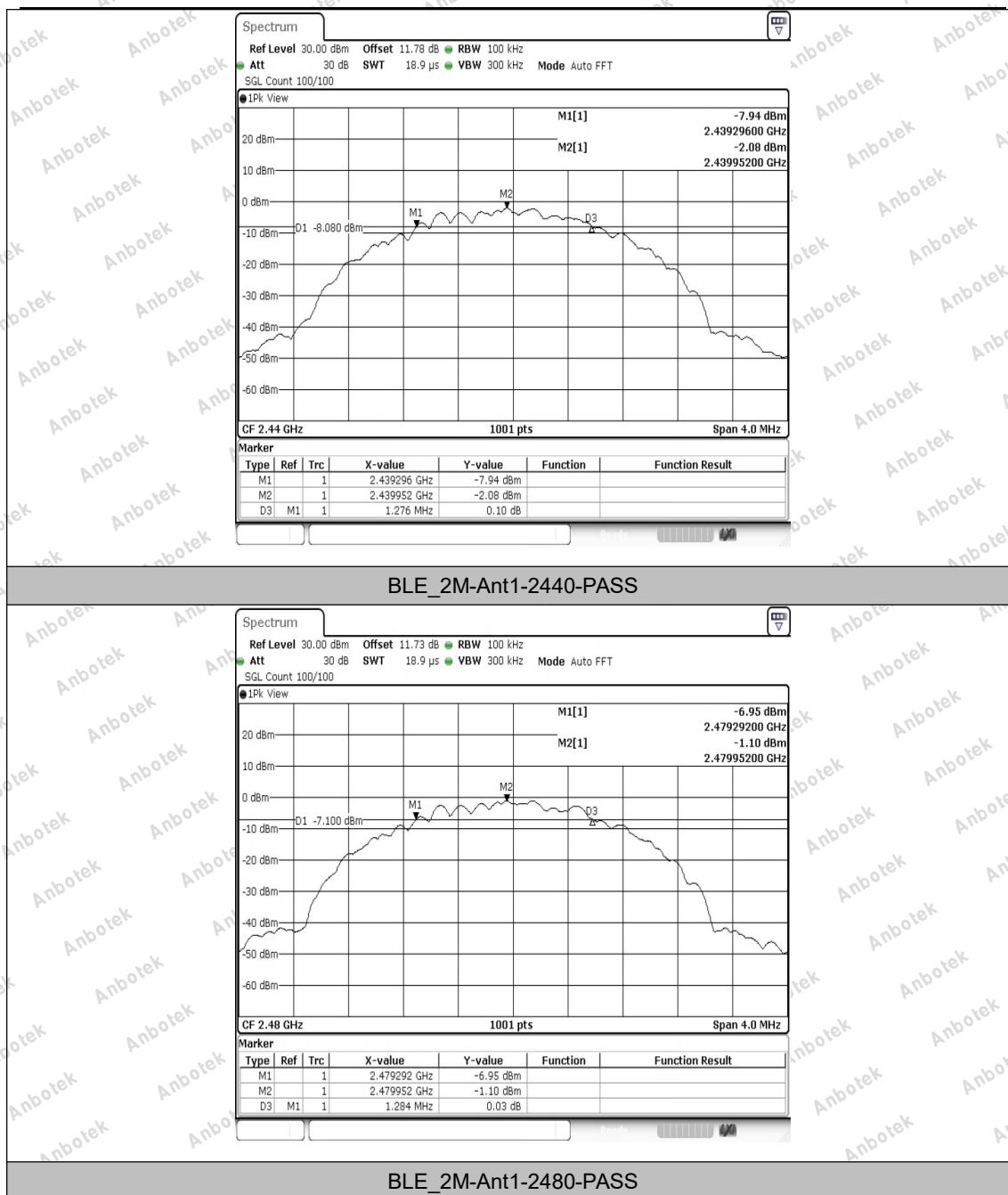
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.61	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.68	2439.63	2440.31	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.64	2480.29	0.5	PASS
BLE_2M	Ant1	2402	1.35	2401.29	2402.64	0.5	PASS
BLE_2M	Ant1	2440	1.28	2439.30	2440.57	0.5	PASS
BLE_2M	Ant1	2480	1.28	2479.29	2480.58	0.5	PASS



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	1.41	≤30	PASS
BLE_1M	Ant1	2440	1.67	≤30	PASS
BLE_1M	Ant1	2480	2.71	≤30	PASS
BLE_2M	Ant1	2402	0.95	≤30	PASS
BLE_2M	Ant1	2440	1.25	≤30	PASS
BLE_2M	Ant1	2480	2.35	≤30	PASS



Test Graphs Peak



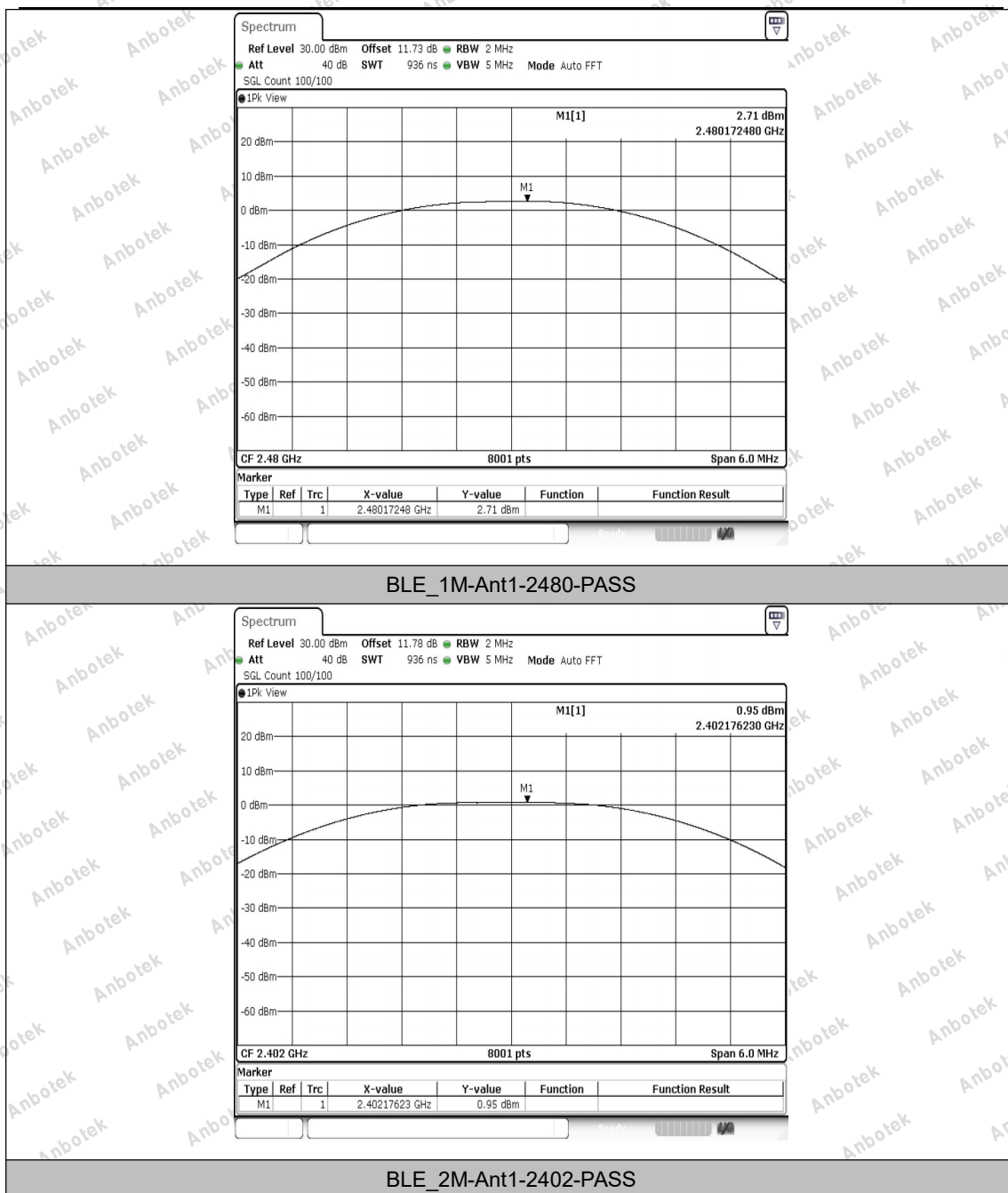
Shenzhen Anbotek Compliance Laboratory Limited

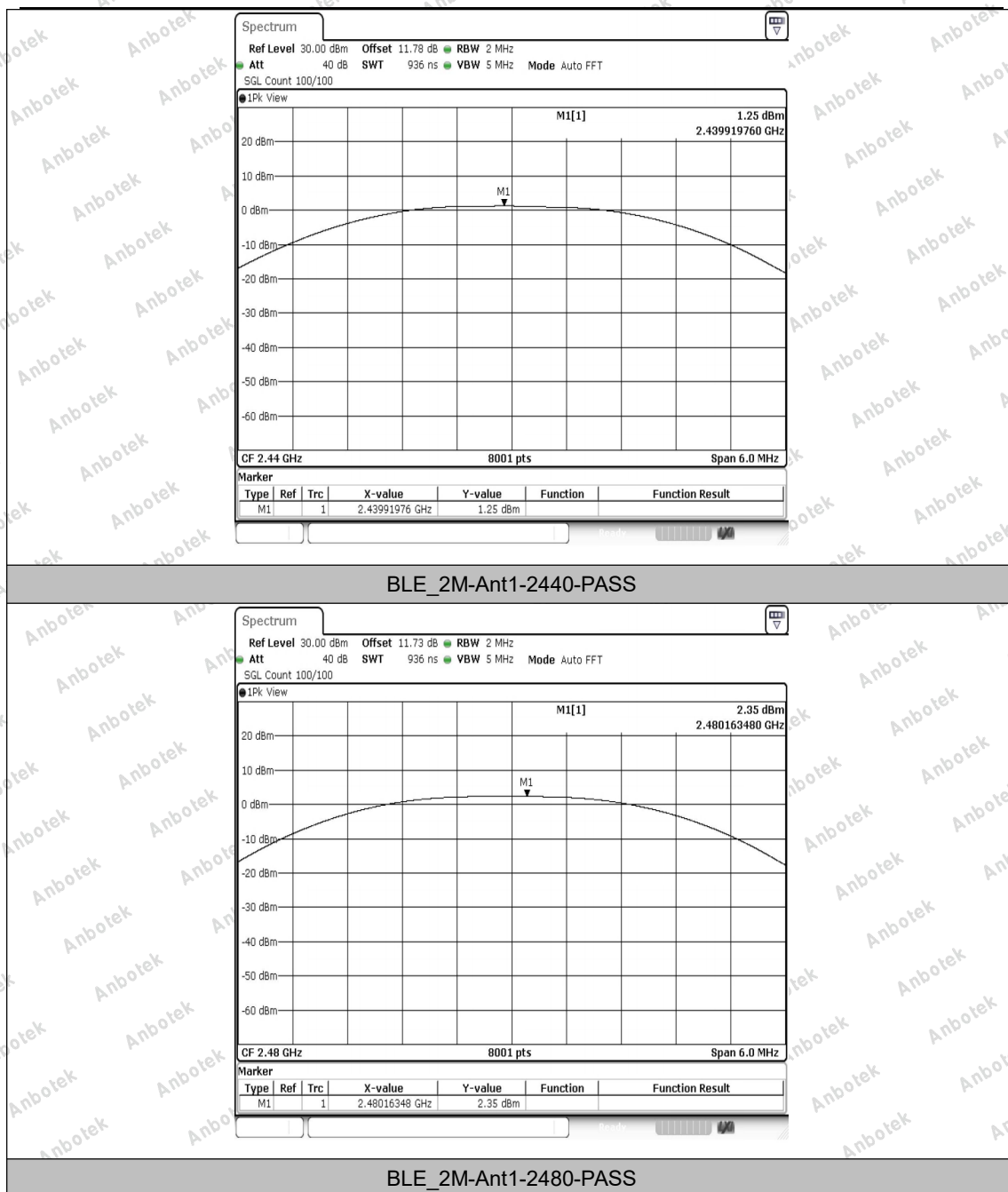
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com



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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	-16.31	≤8.00	PASS
BLE_1M	Ant1	2440	-16.01	≤8.00	PASS
BLE_1M	Ant1	2480	-14.68	≤8.00	PASS
BLE_2M	Ant1	2402	-21.10	≤8.00	PASS
BLE_2M	Ant1	2440	-21.10	≤8.00	PASS
BLE_2M	Ant1	2480	-19.84	≤8.00	PASS



Test Graphs







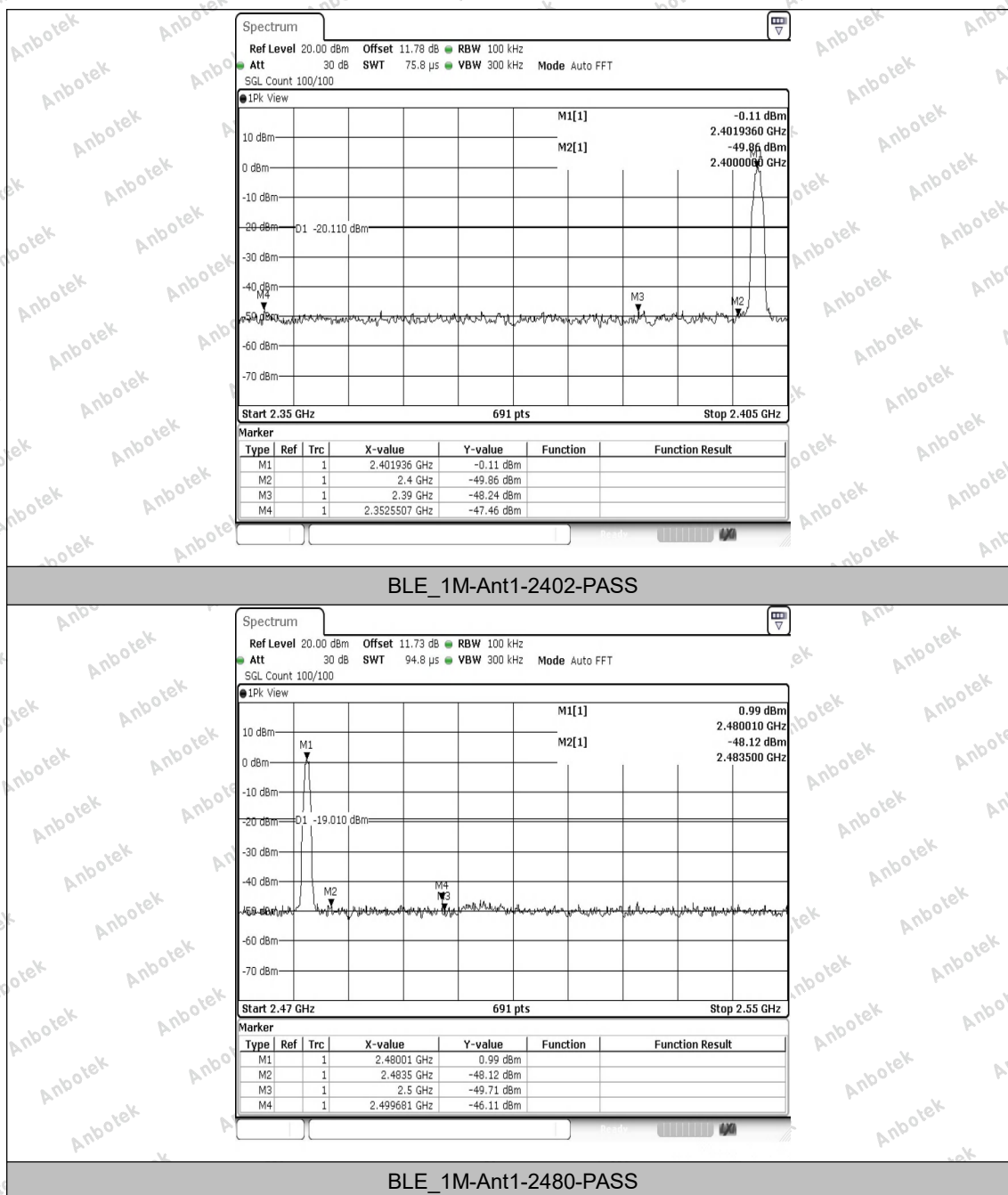
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.11	-47.46	≤-20.11	PASS
BLE_1M	Ant1	High	2480	0.99	-46.11	≤-19.01	PASS
BLE_2M	Ant1	Low	2402	-2.67	-48.1	≤-22.67	PASS
BLE_2M	Ant1	High	2480	-1.53	-46.66	≤-21.53	PASS

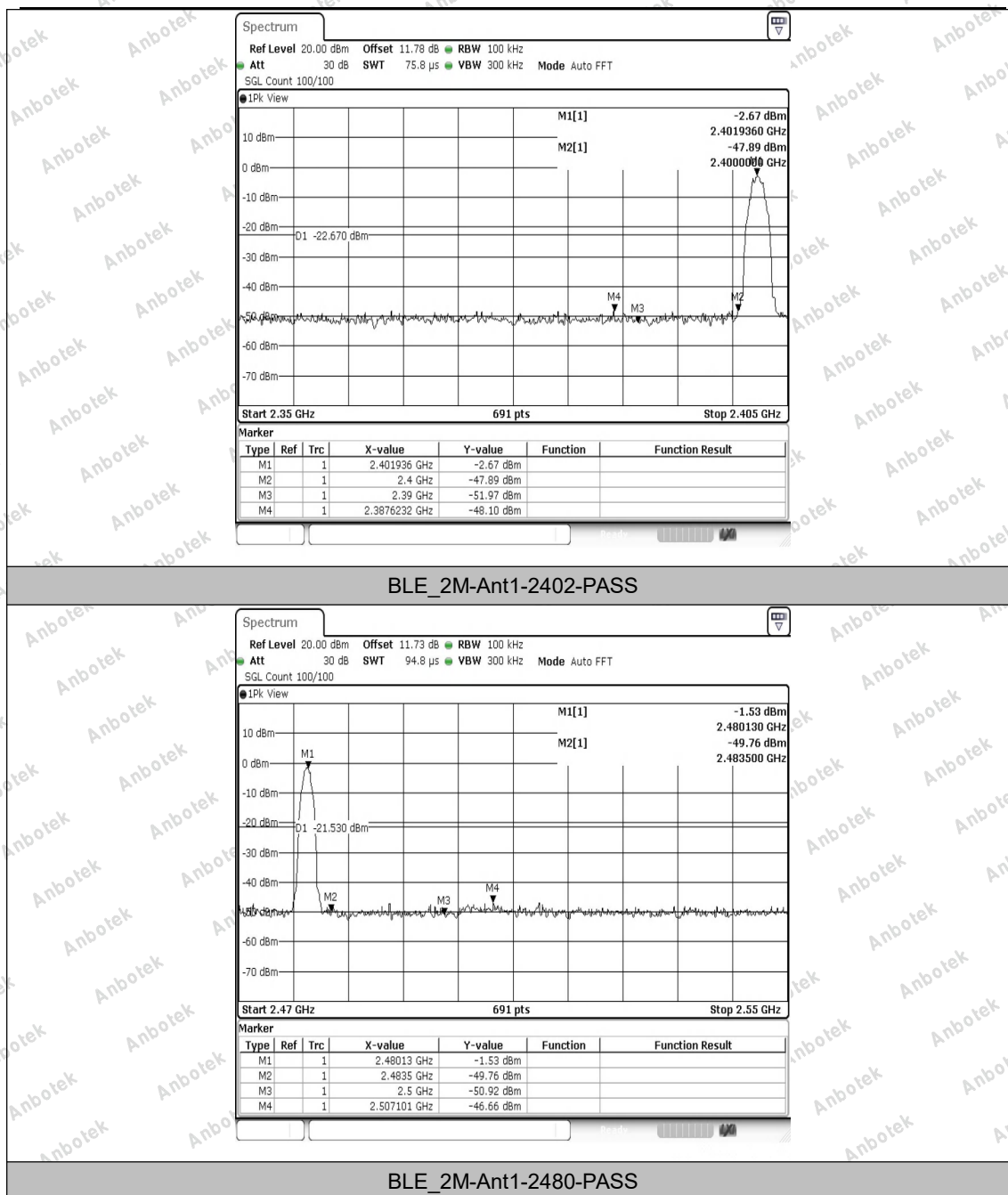


Test Graphs



BLE_1M-Ant1-2480-PASS





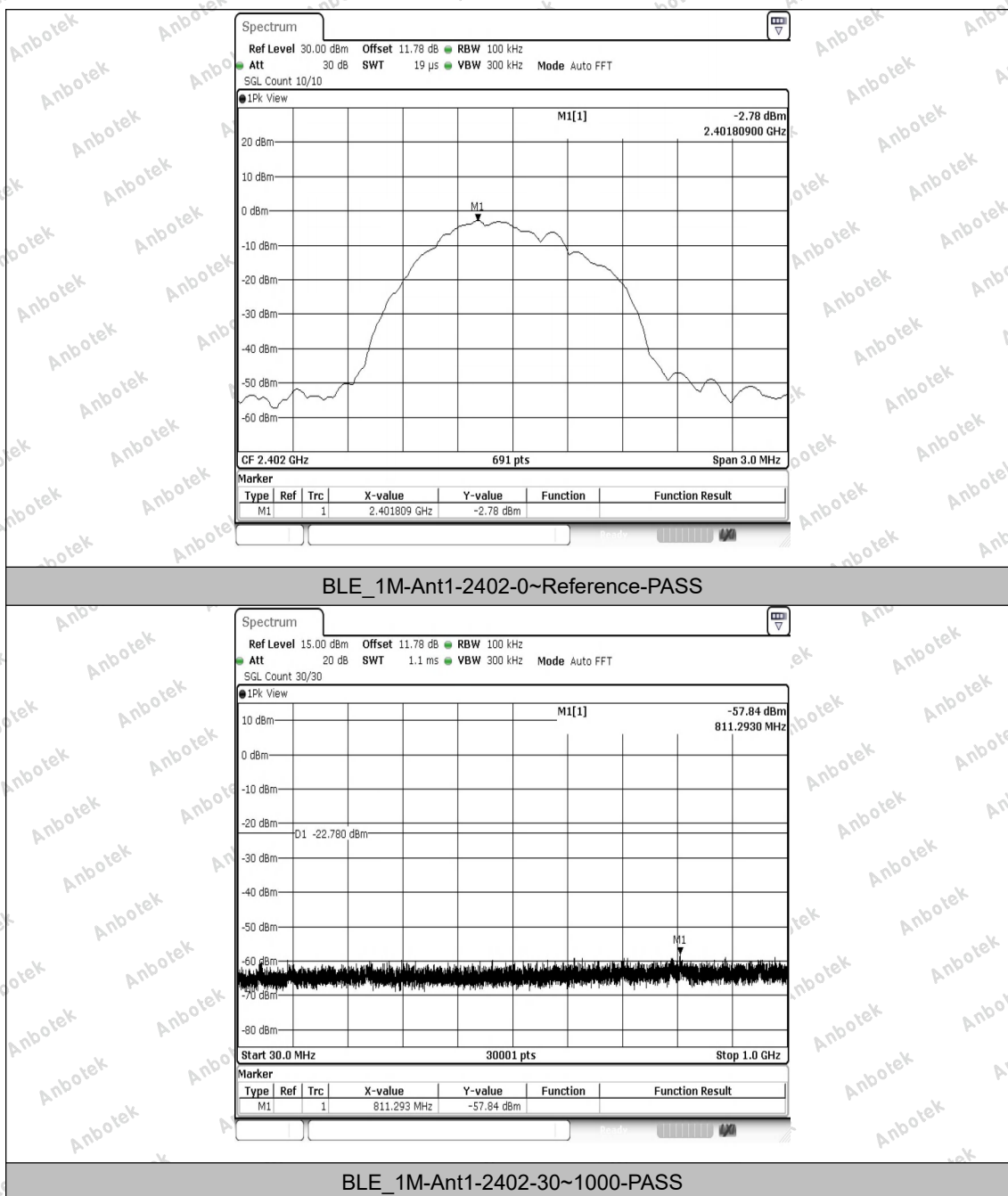
Appendix F: Conducted Spurious Emission

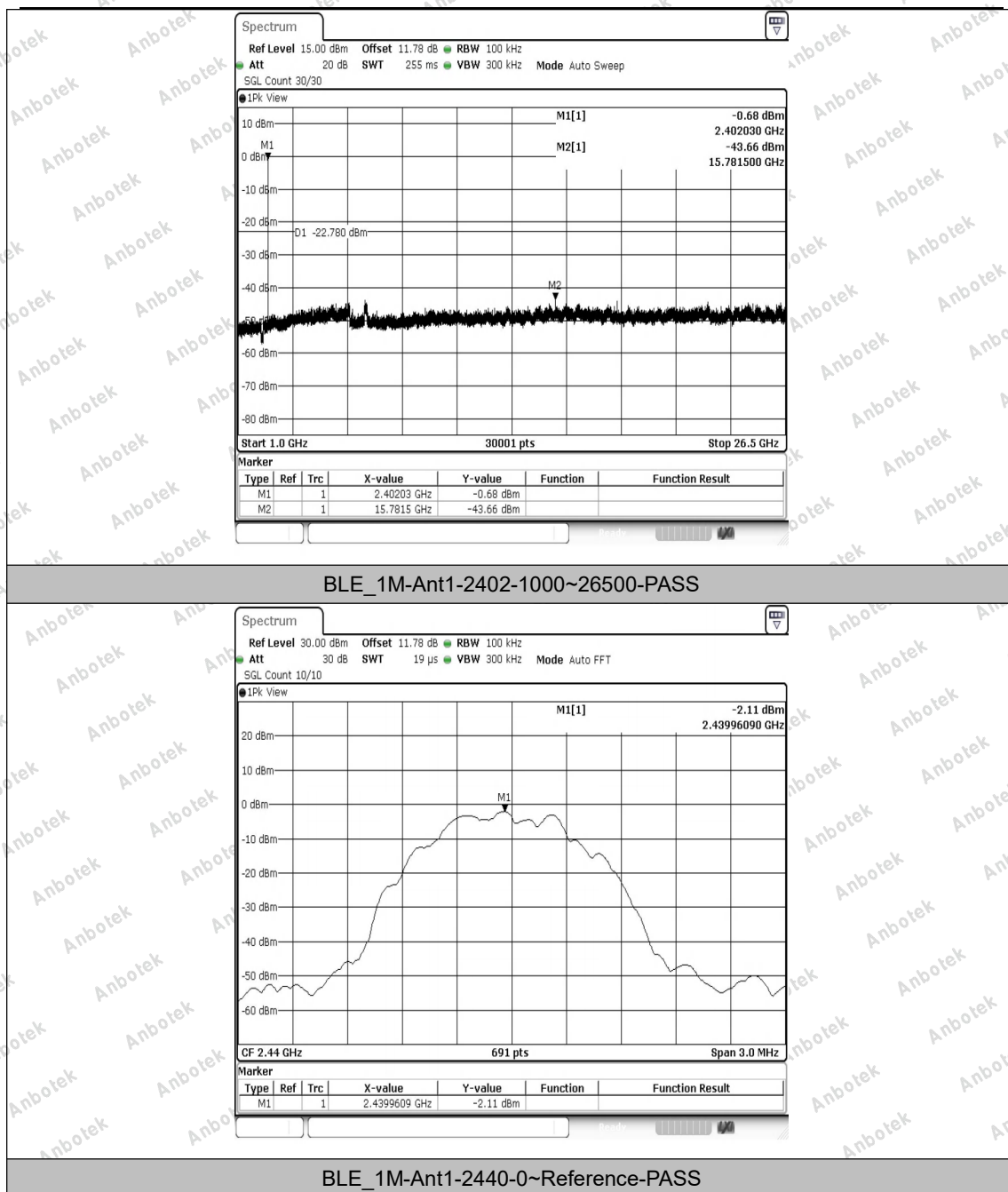
Test Result

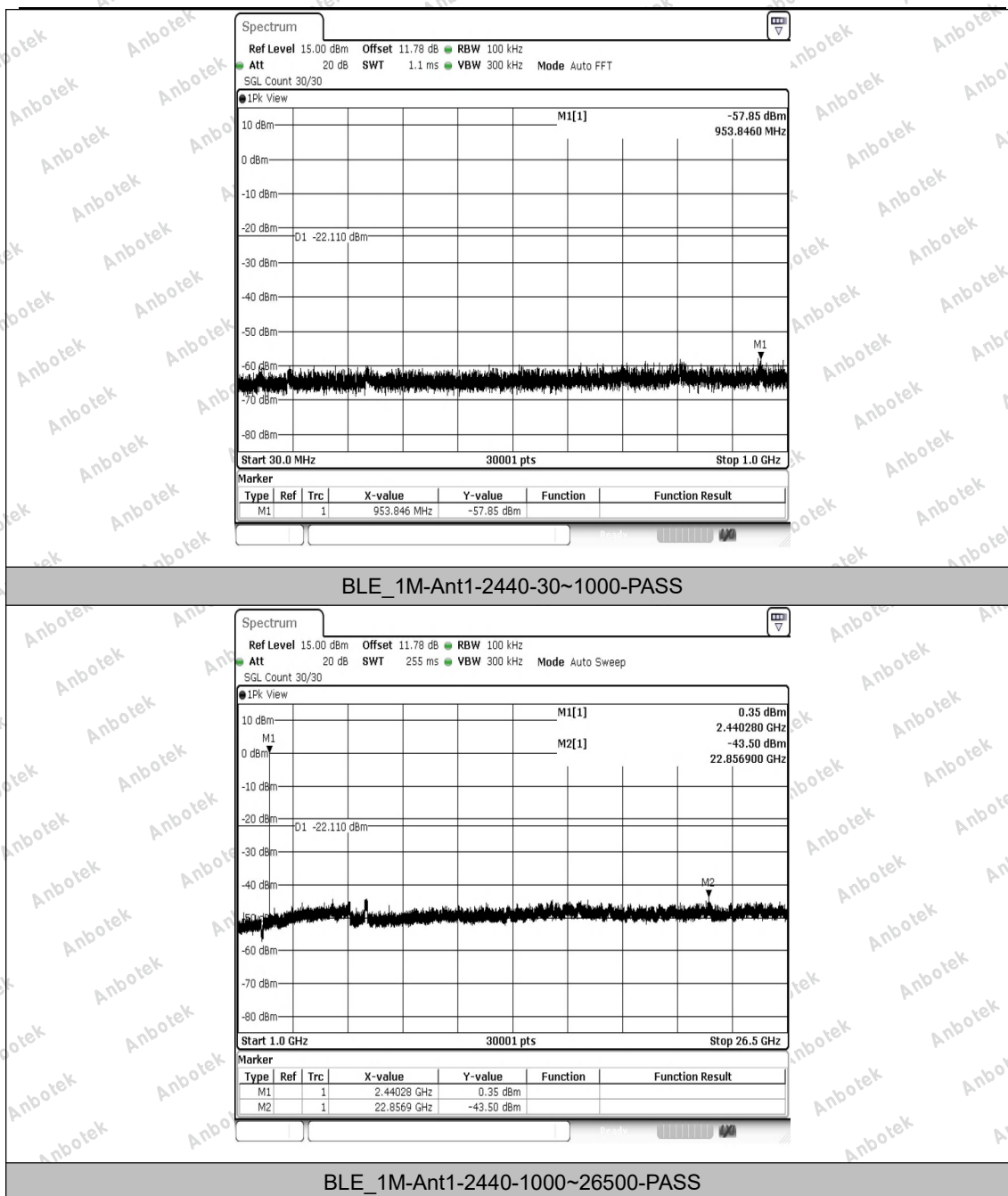
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.78	-2.78	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.78	-57.84	≤-22.78	PASS
BLE_1M	Ant1	2402	1000~26500	-2.78	-43.66	≤-22.78	PASS
BLE_1M	Ant1	2440	0~Reference	-2.11	-2.11	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.11	-57.85	≤-22.11	PASS
BLE_1M	Ant1	2440	1000~26500	-2.11	-43.5	≤-22.11	PASS
BLE_1M	Ant1	2480	0~Reference	0.01	0.01	---	PASS
BLE_1M	Ant1	2480	30~1000	0.01	-58.16	≤-19.99	PASS
BLE_1M	Ant1	2480	1000~26500	0.01	-43.46	≤-19.99	PASS
BLE_2M	Ant1	2402	0~Reference	-4.55	-4.55	---	PASS
BLE_2M	Ant1	2402	30~1000	-4.55	-58.45	≤-24.55	PASS
BLE_2M	Ant1	2402	1000~26500	-4.55	-44.3	≤-24.55	PASS
BLE_2M	Ant1	2440	0~Reference	-3.26	-3.26	---	PASS
BLE_2M	Ant1	2440	30~1000	-3.26	-58.16	≤-23.26	PASS
BLE_2M	Ant1	2440	1000~26500	-3.26	-43.72	≤-23.26	PASS
BLE_2M	Ant1	2480	0~Reference	-1.73	-1.73	---	PASS
BLE_2M	Ant1	2480	30~1000	-1.73	-58.33	≤-21.73	PASS
BLE_2M	Ant1	2480	1000~26500	-1.73	-43.39	≤-21.73	PASS

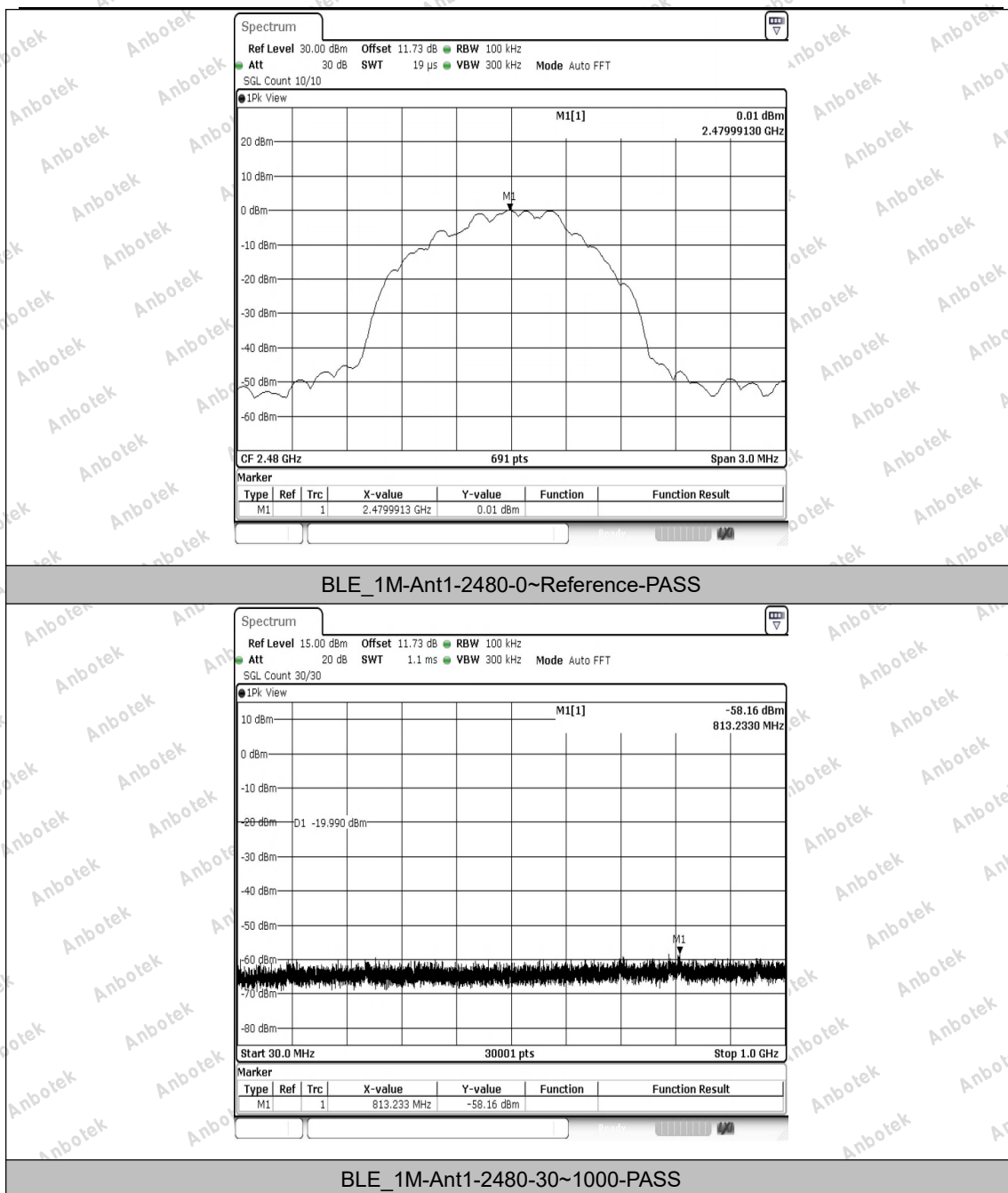


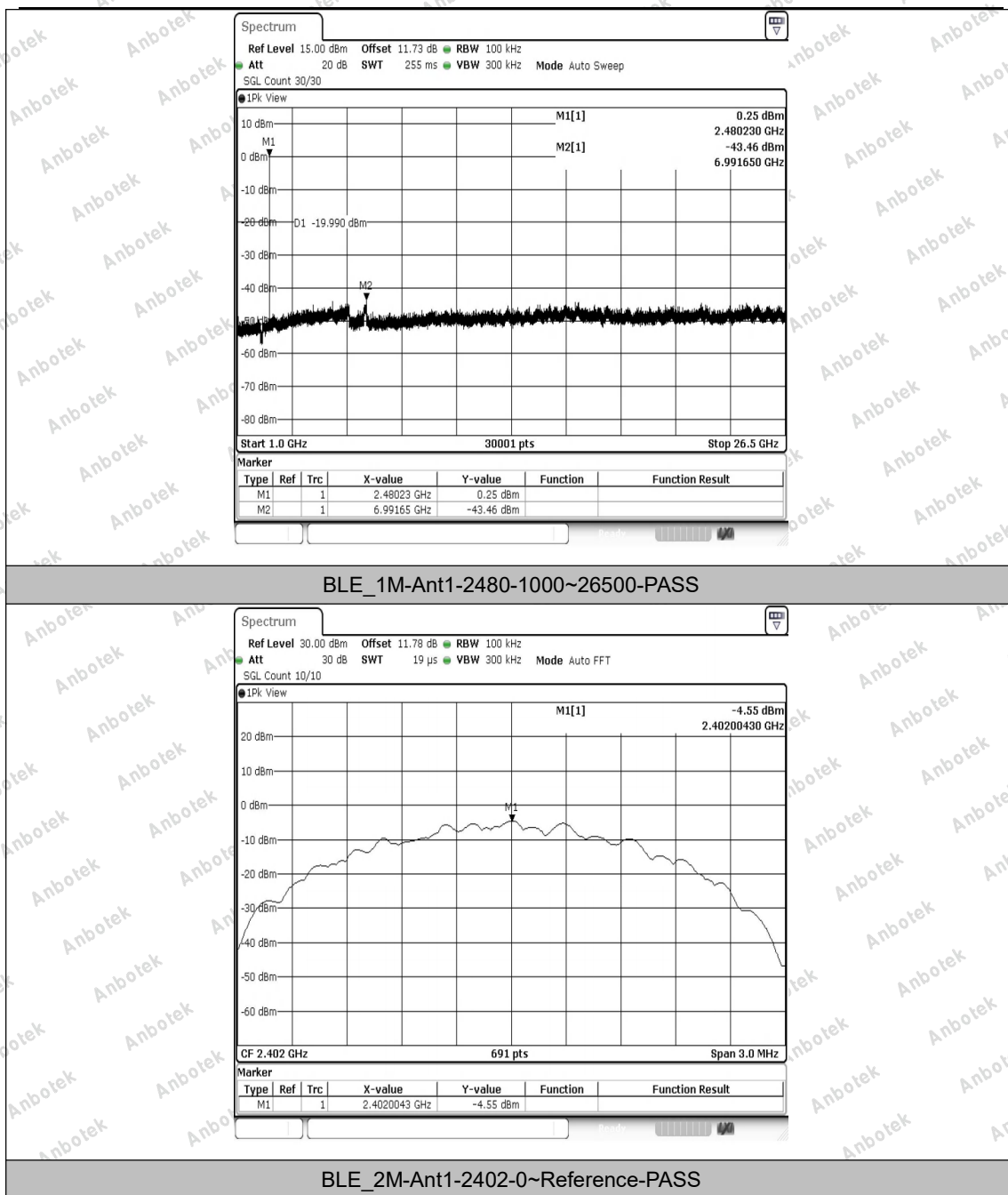
Test Graphs

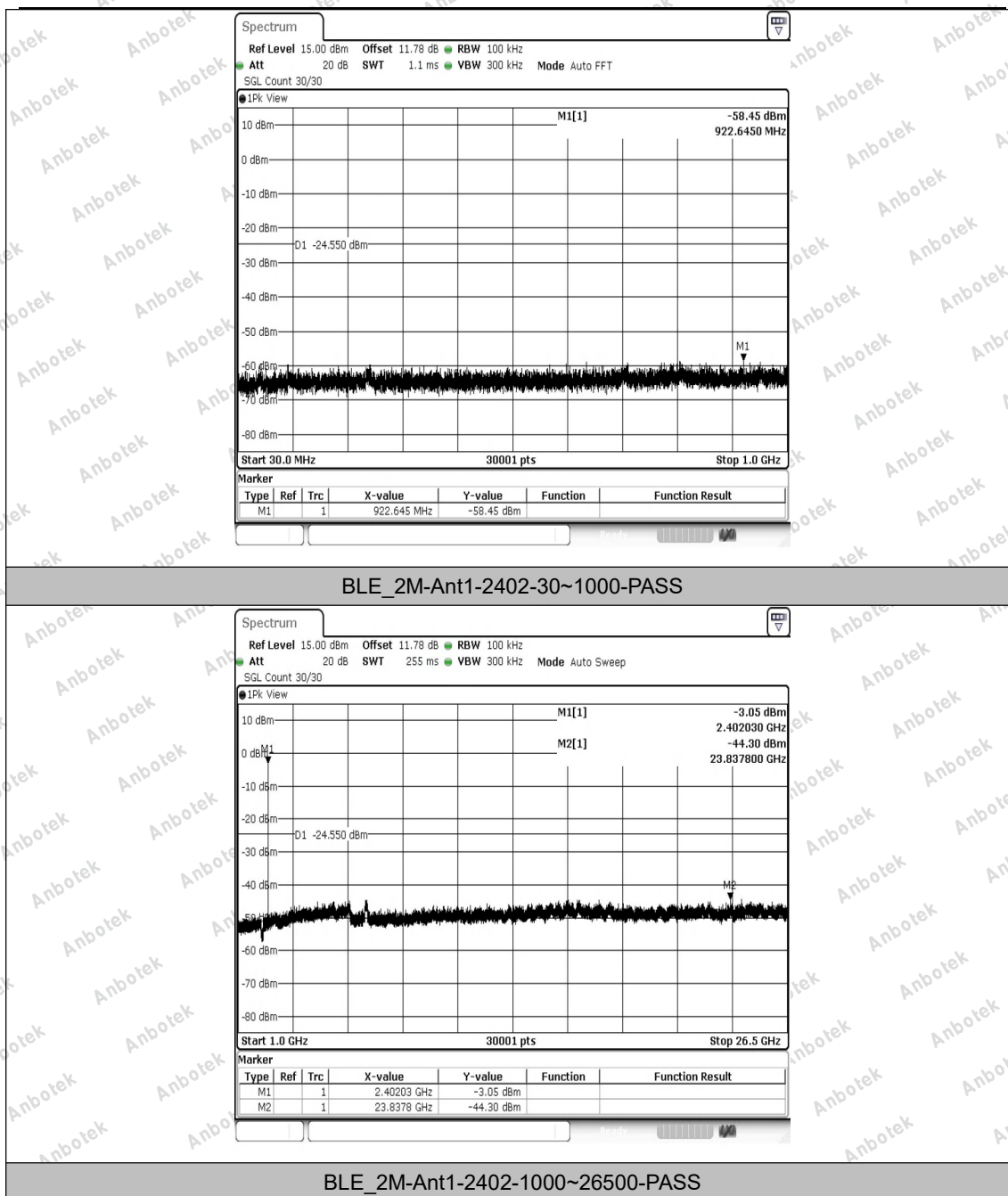


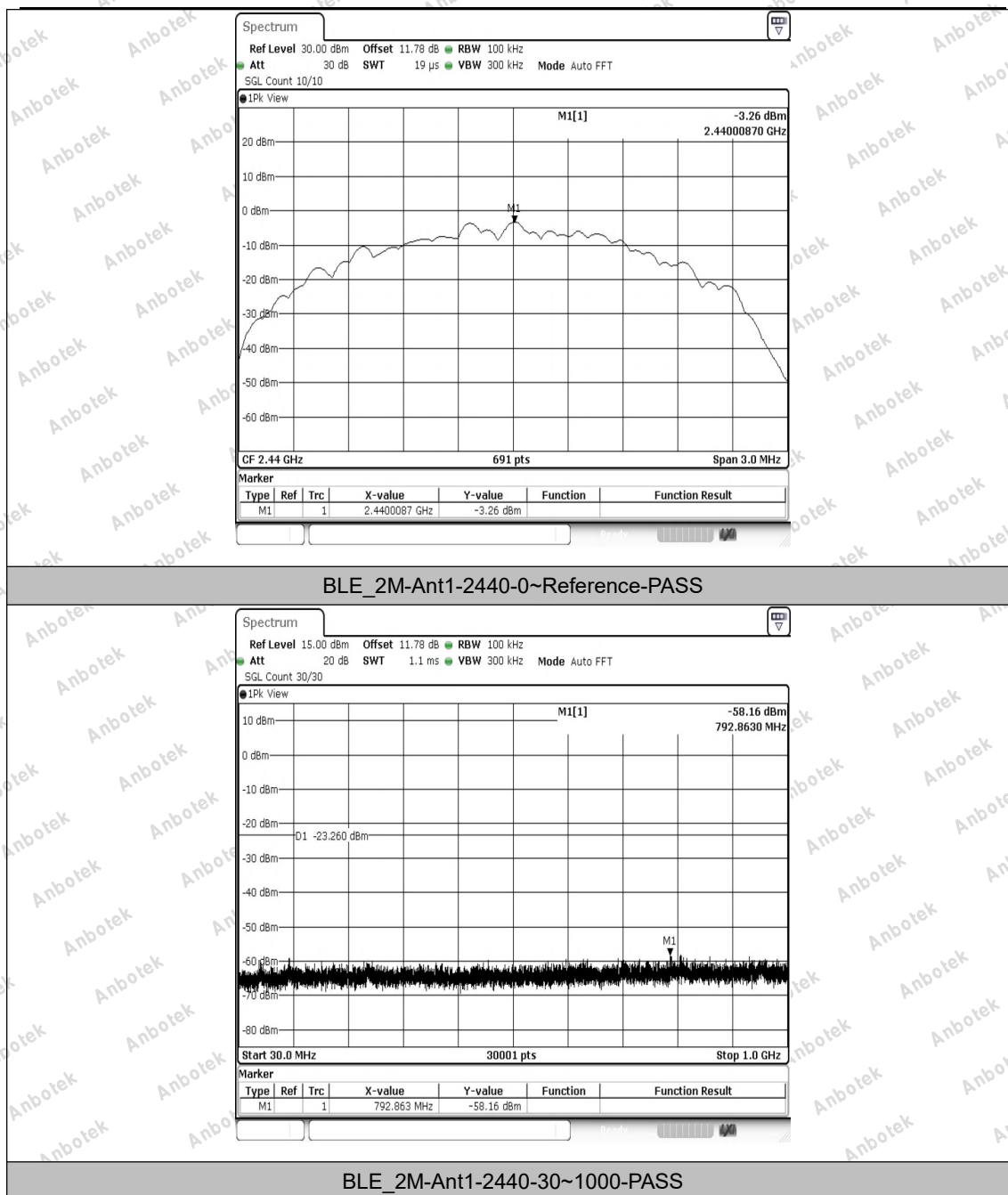


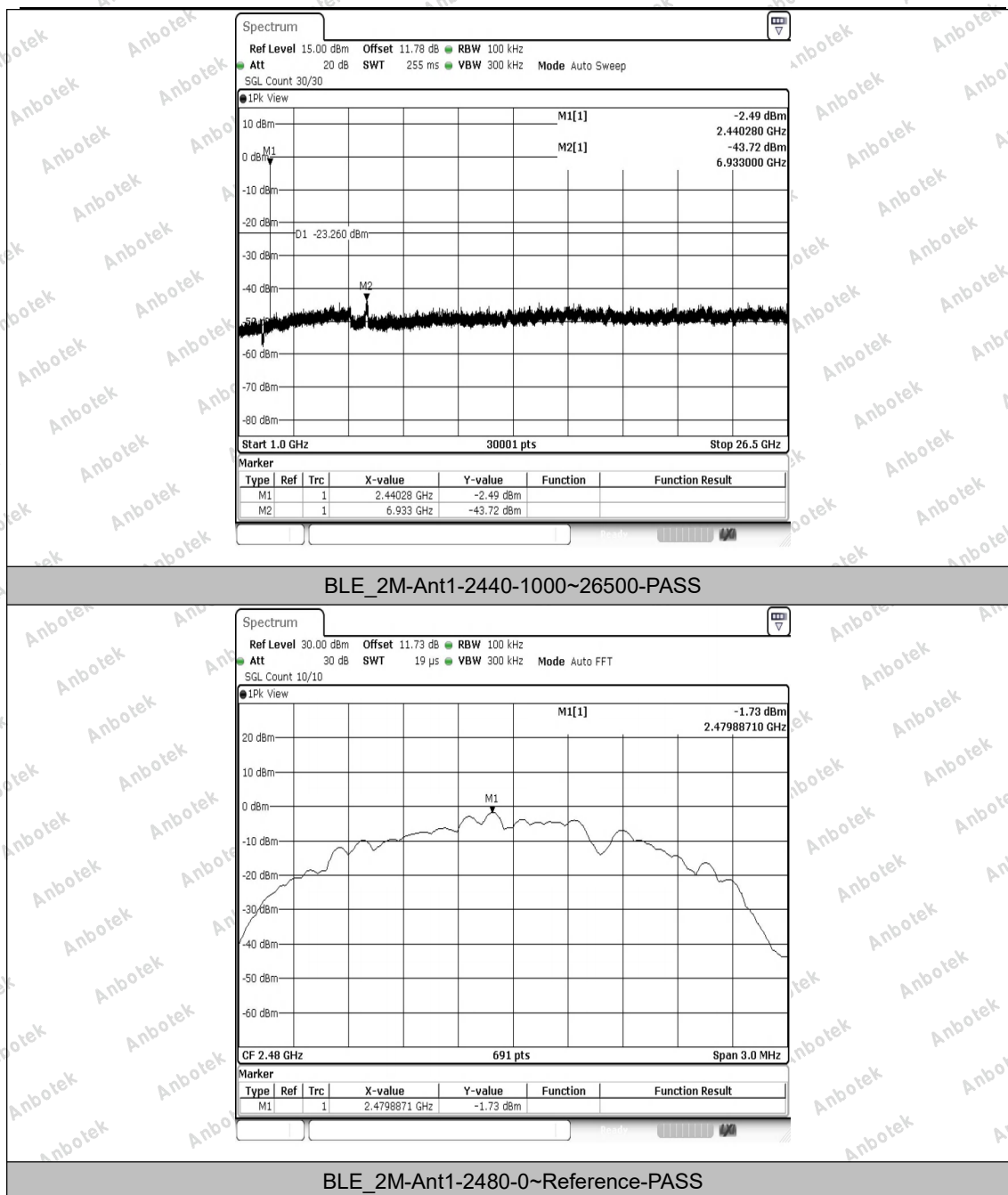


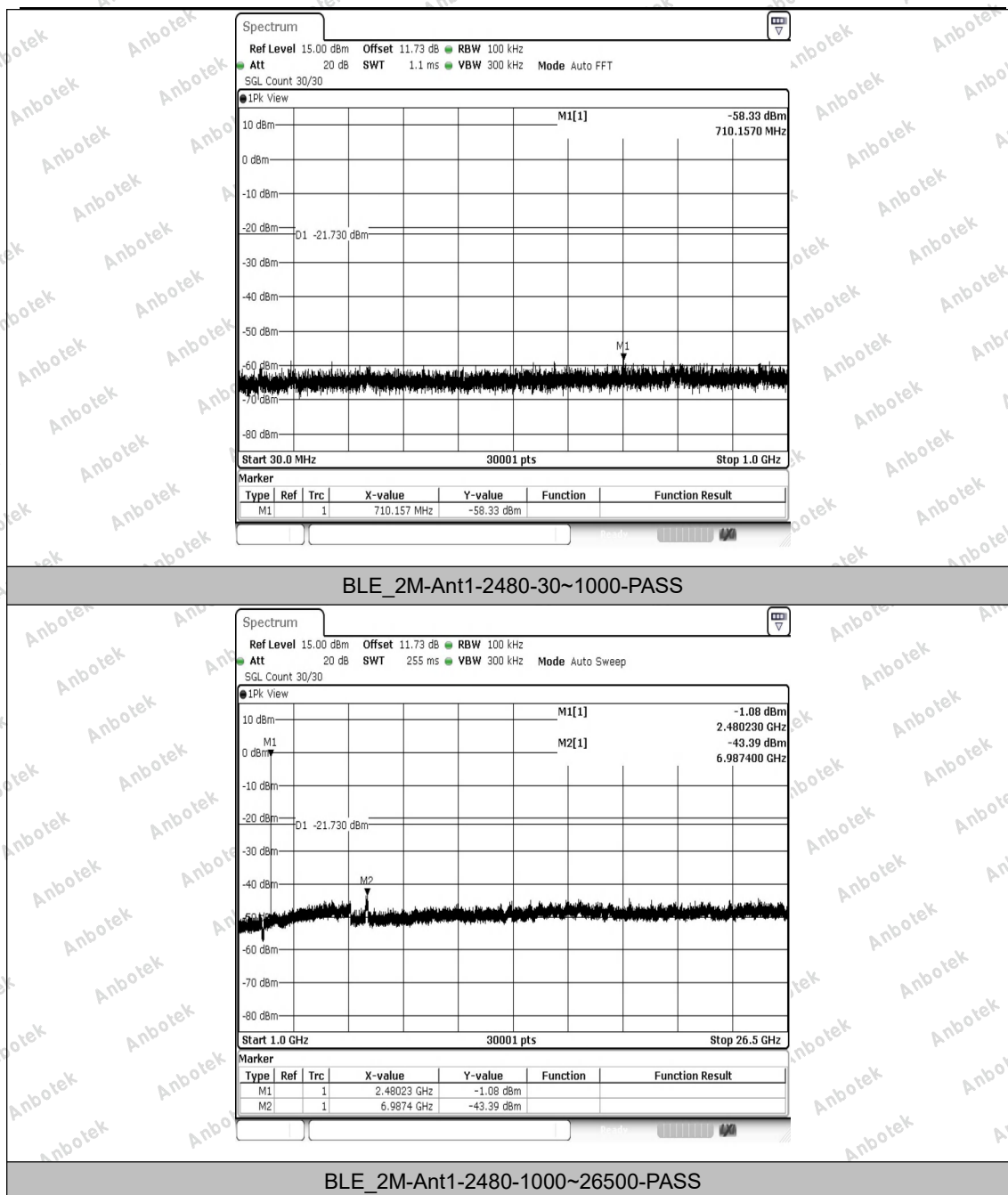












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