

Appendix Test Data

Report No:	1811C40005312501	Test Sample NO:	1-2-2
Start Test Date:	2024.08.16	Finish Test Date:	2024.08.16
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	23.3℃	Relative Humidity:	52%
Pressure:	101 kPa		

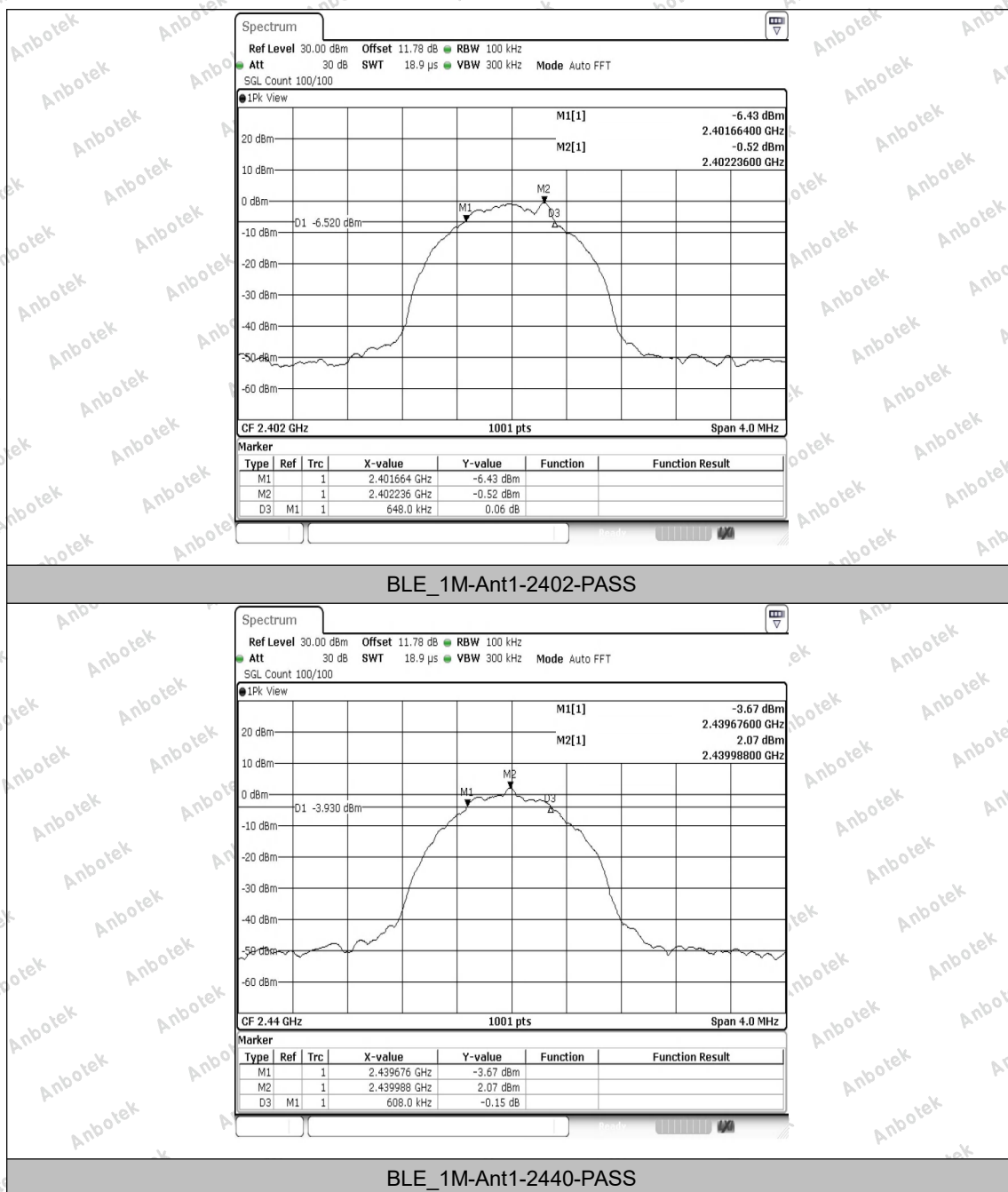
Appendix A: DTS Bandwidth

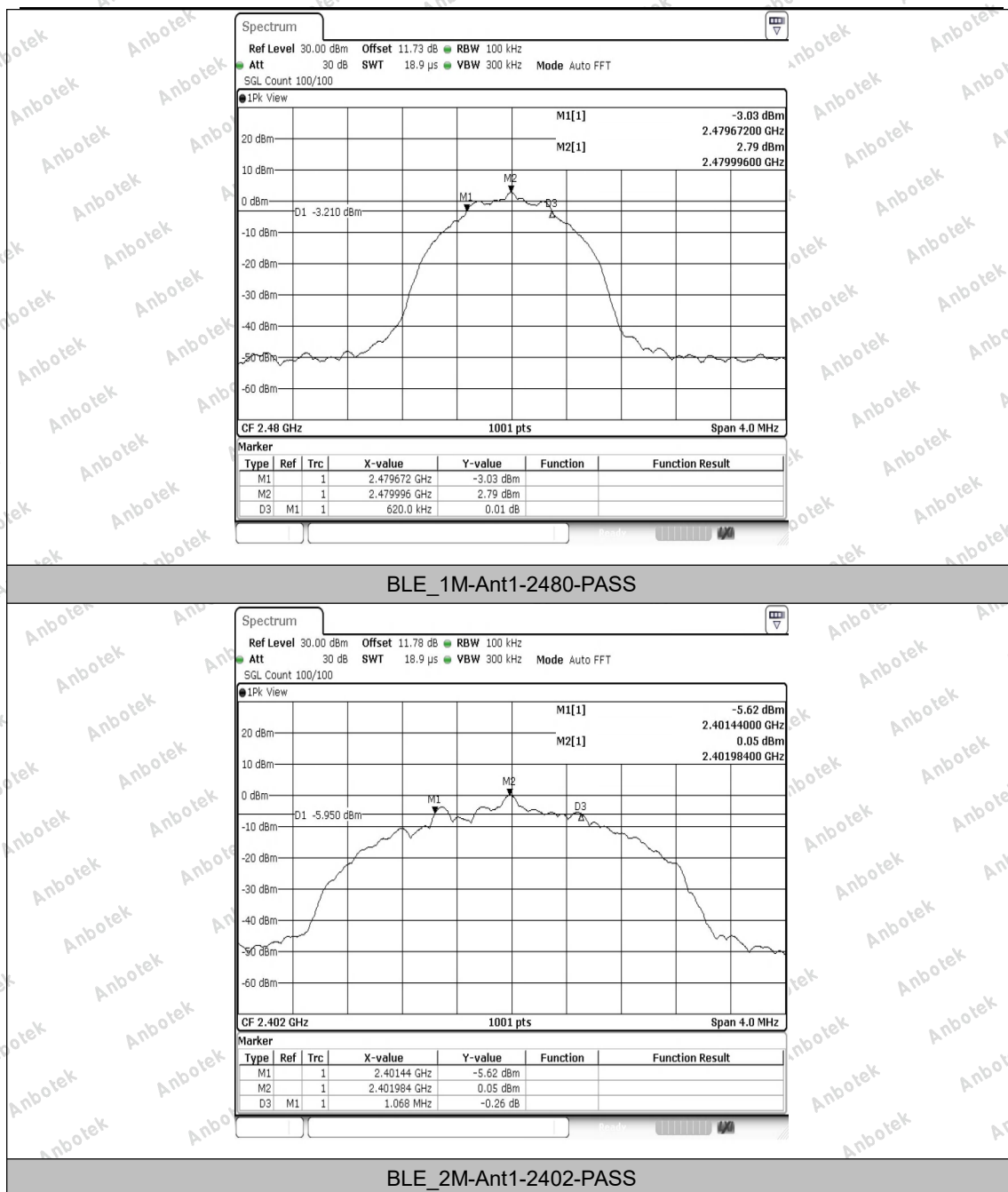
Test Result

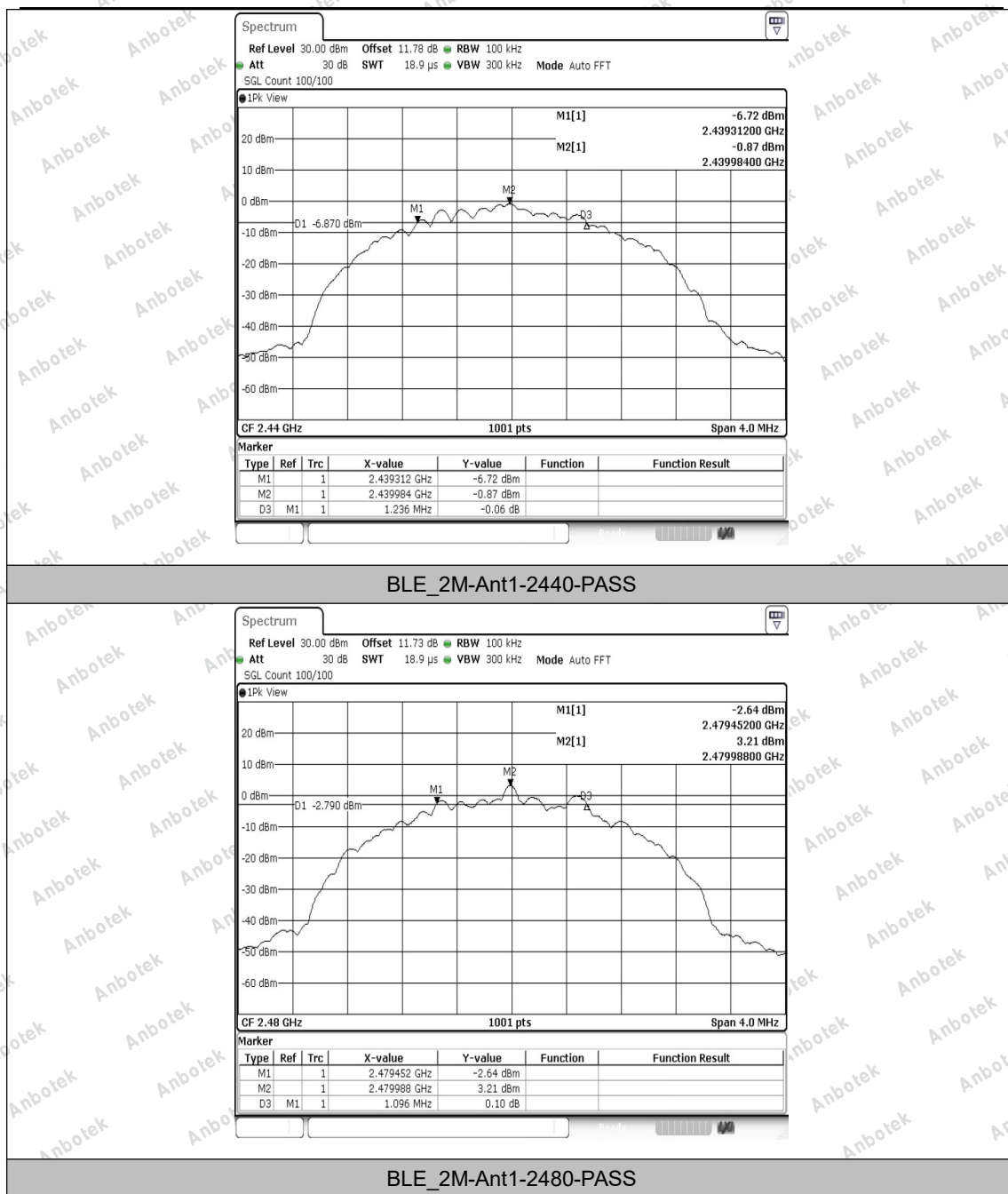
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.65	2401.66	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.61	2439.68	2440.28	0.5	PASS
BLE_1M	Ant1	2480	0.62	2479.67	2480.29	0.5	PASS
BLE_2M	Ant1	2402	1.07	2401.44	2402.51	0.5	PASS
BLE_2M	Ant1	2440	1.24	2439.31	2440.55	0.5	PASS
BLE_2M	Ant1	2480	1.10	2479.45	2480.55	0.5	PASS



Test Graphs







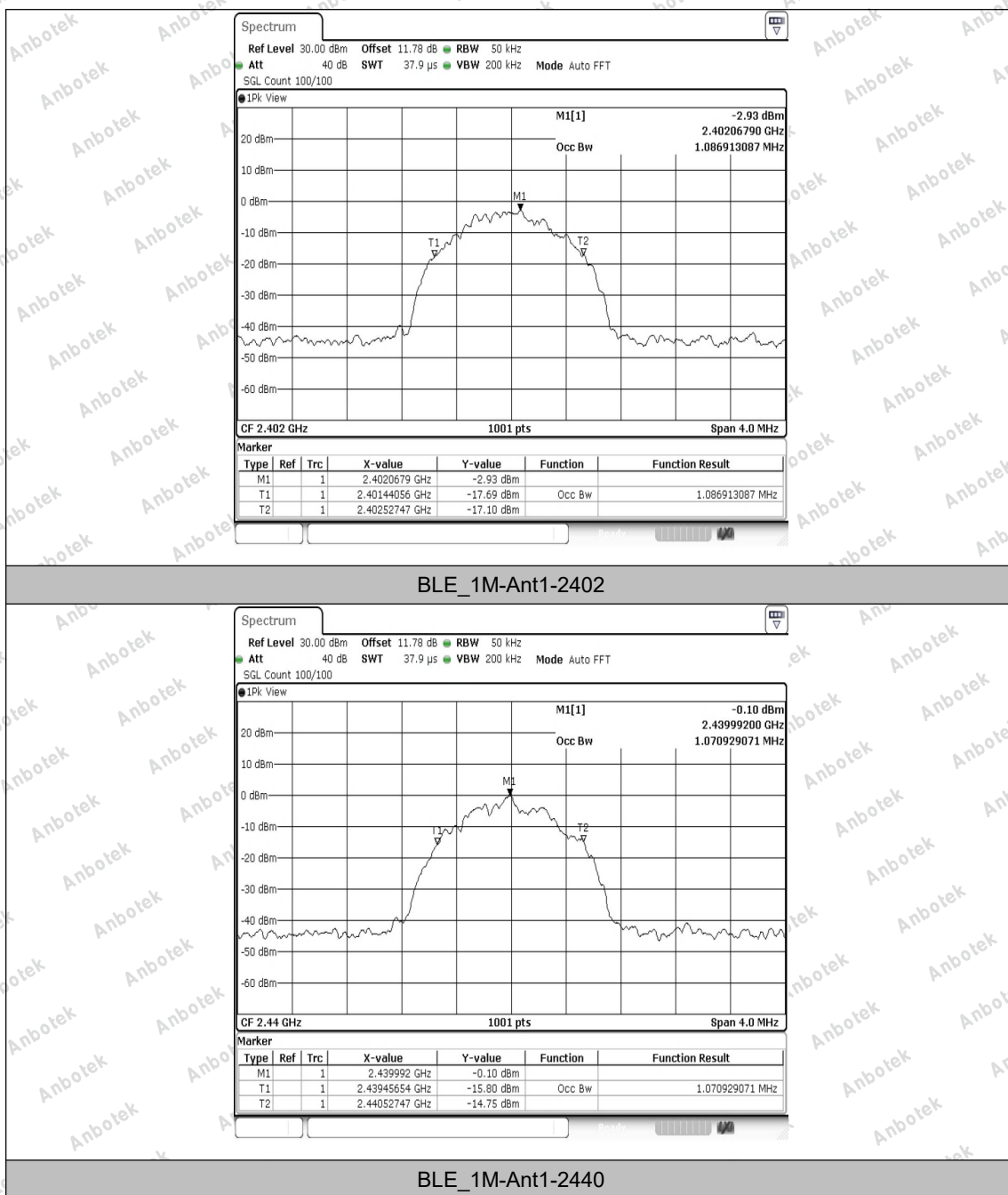
Appendix B: Occupied Channel Bandwidth

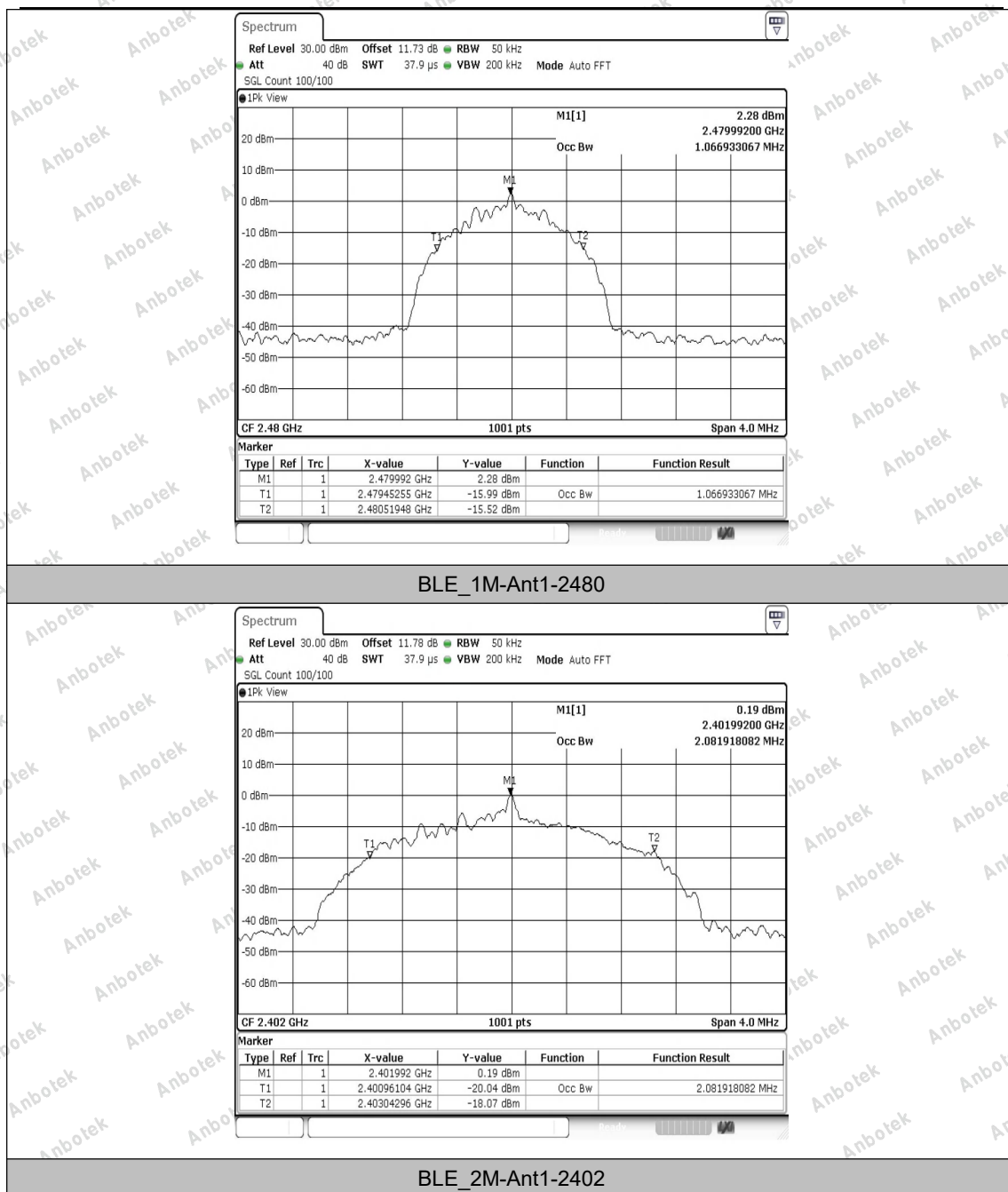
Test Result

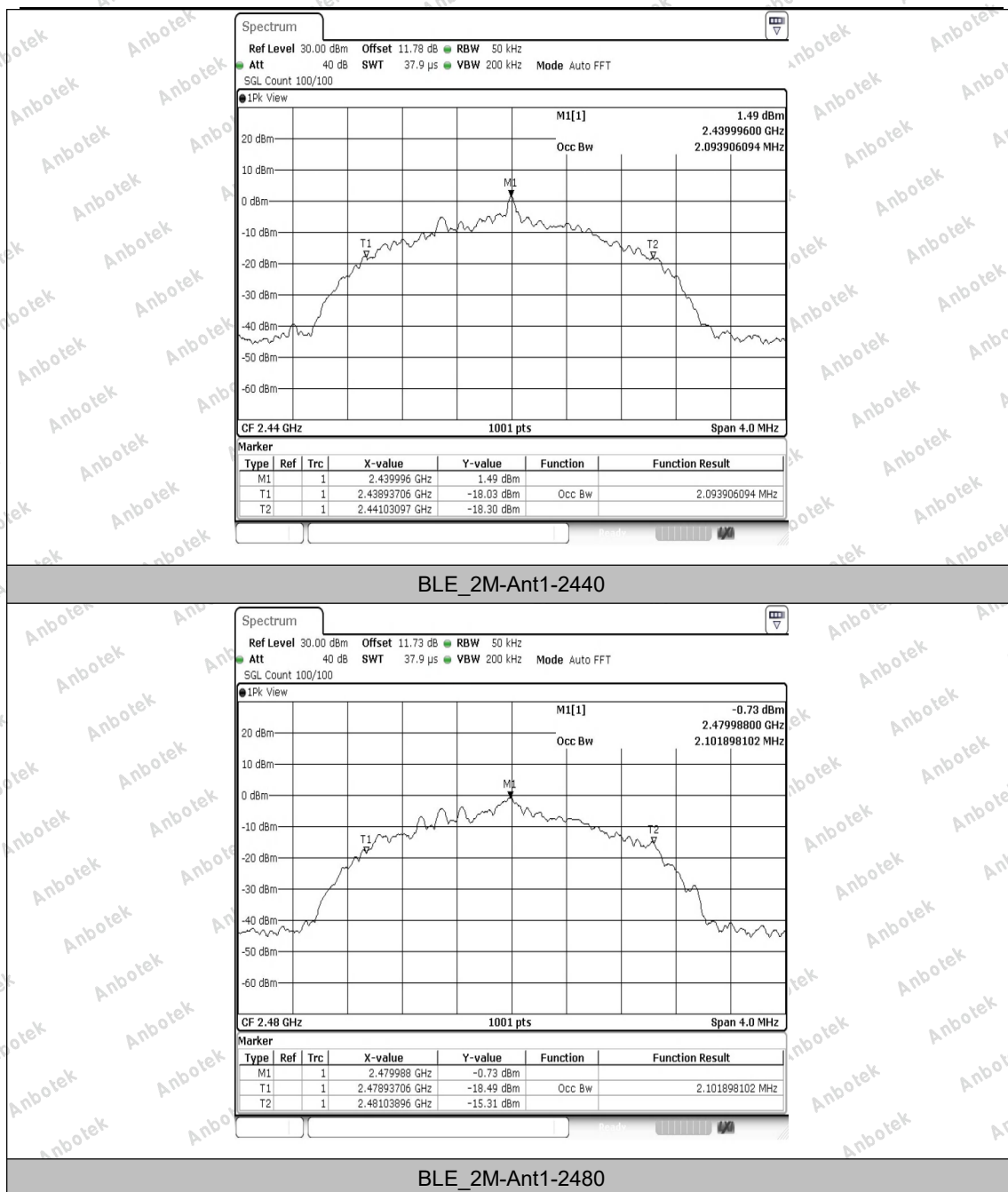
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.087	2401.4406	2402.5275	---	---
BLE_1M	Ant1	2440	1.071	2439.4565	2440.5275	---	---
BLE_1M	Ant1	2480	1.067	2479.4525	2480.5195	---	---
BLE_2M	Ant1	2402	2.082	2400.9610	2403.0430	---	---
BLE_2M	Ant1	2440	2.094	2438.9371	2441.0310	---	---
BLE_2M	Ant1	2480	2.102	2478.9371	2481.0390	---	---



Test Graphs





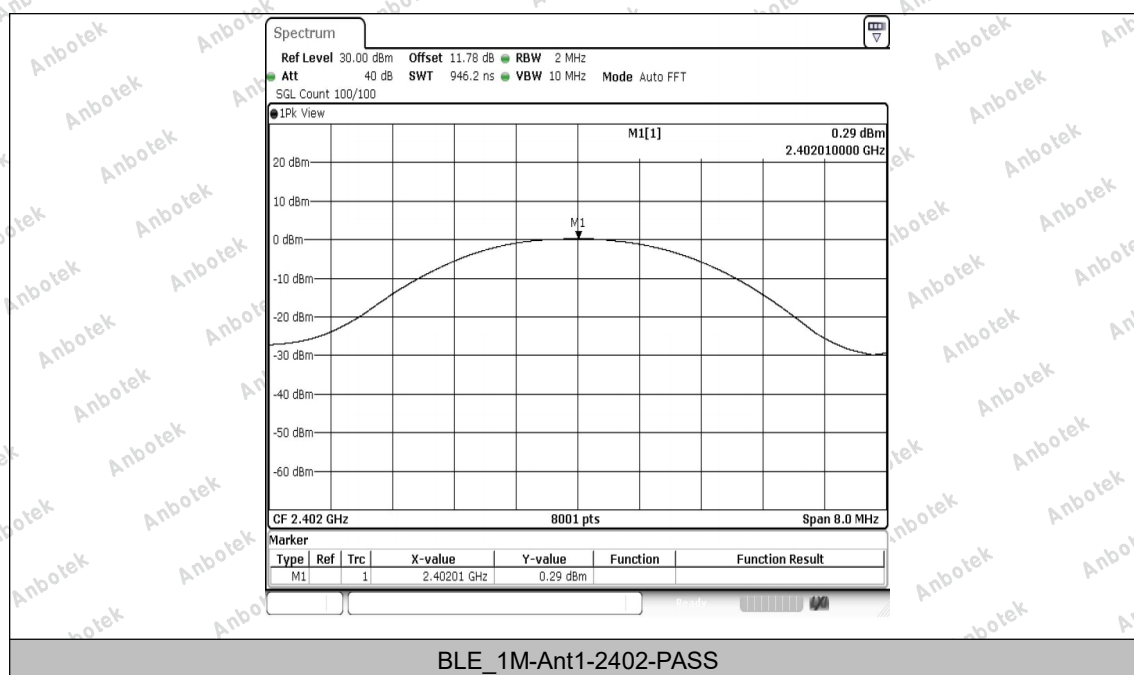


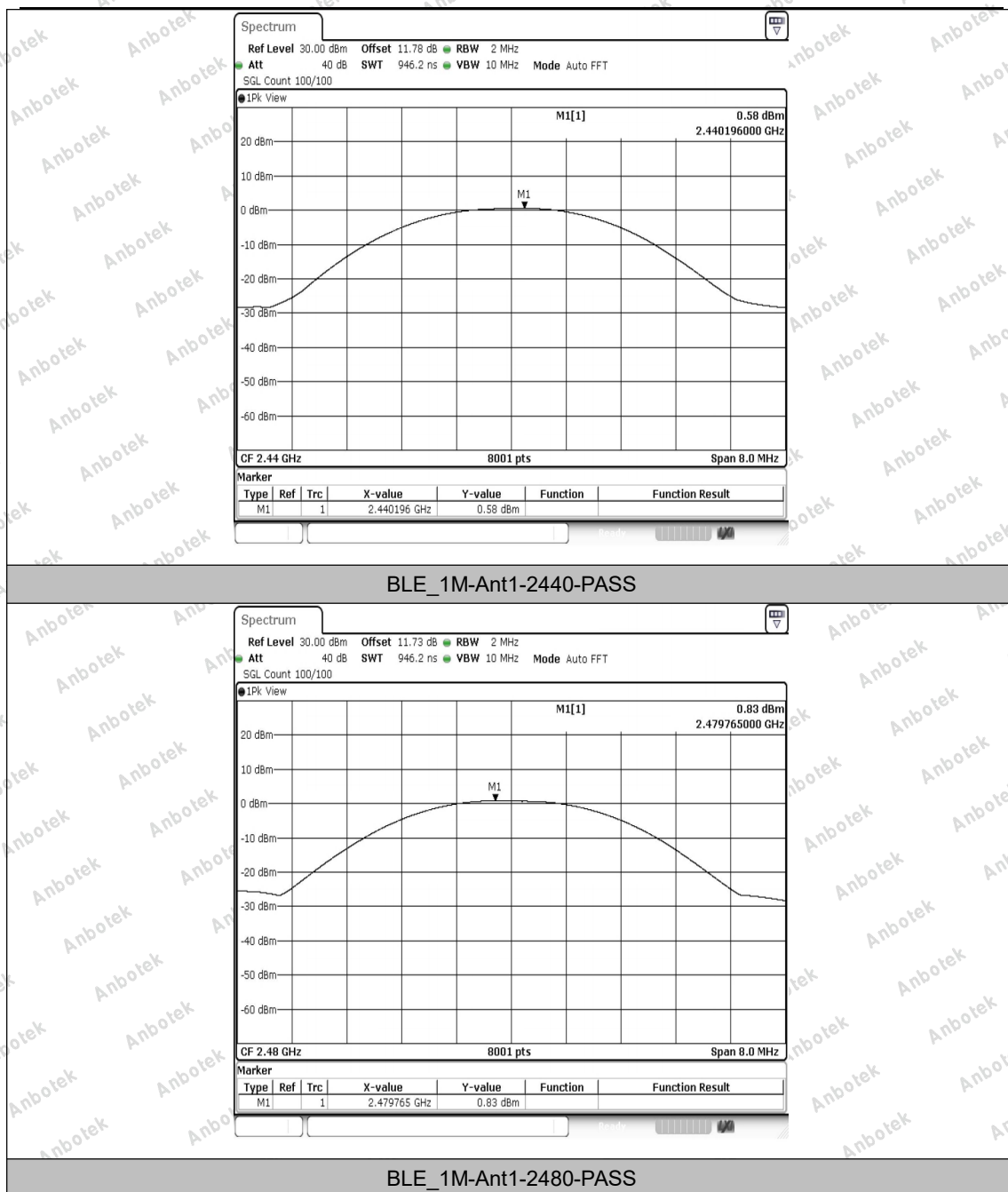
Appendix C: Maximum conducted output power

Test Result Peak

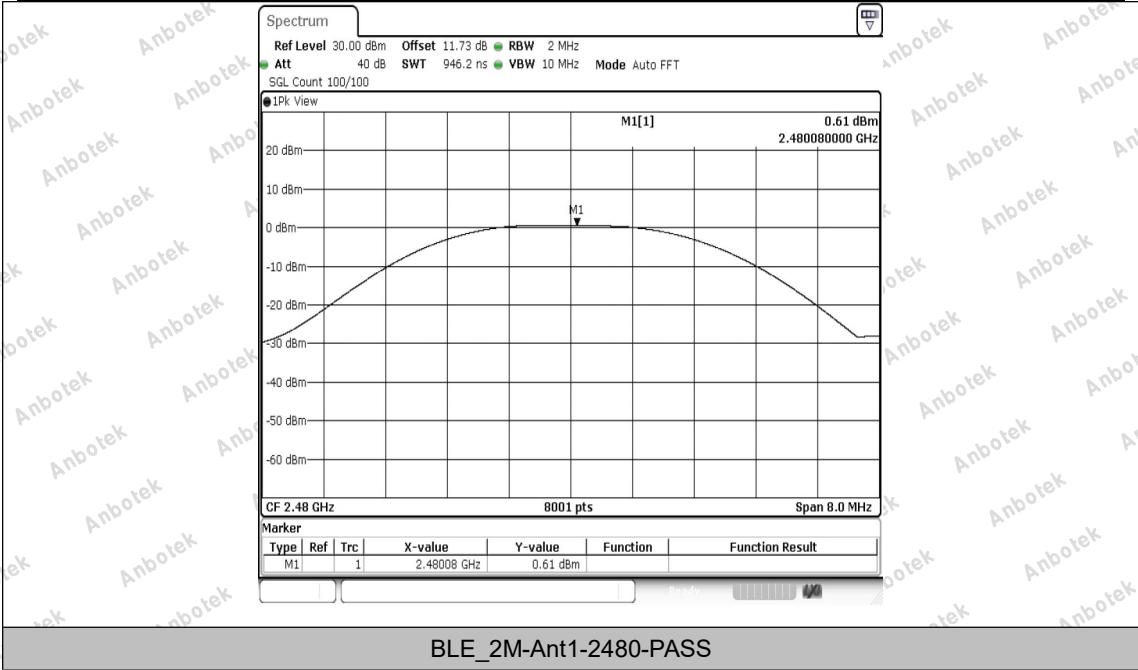
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.29	≤30	PASS
BLE_1M	Ant1	2440	0.58	≤30	PASS
BLE_1M	Ant1	2480	0.83	≤30	PASS
BLE_2M	Ant1	2402	0.11	≤30	PASS
BLE_2M	Ant1	2440	0.34	≤30	PASS
BLE_2M	Ant1	2480	0.61	≤30	PASS

Test Graphs Peak









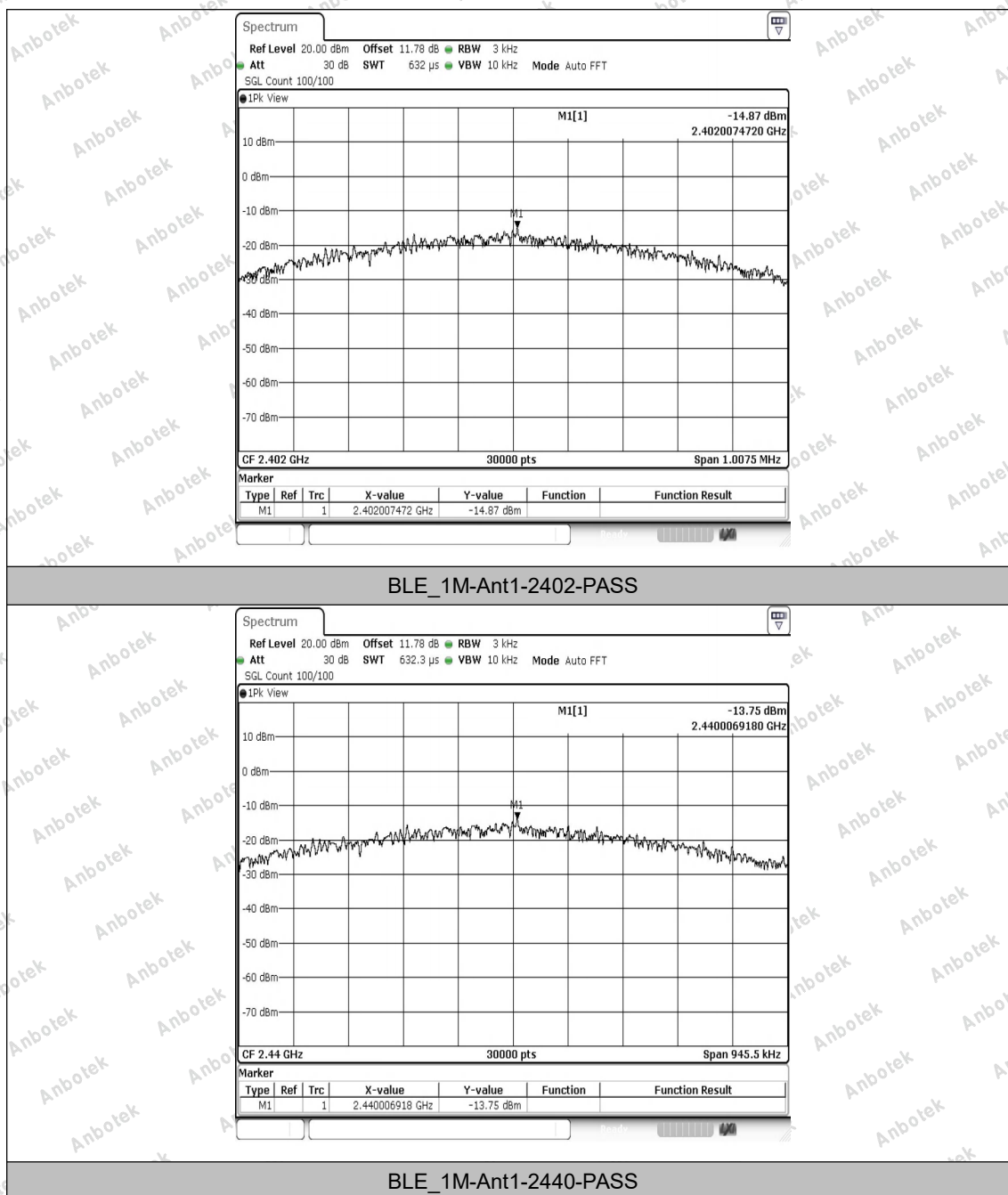
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.87	≤8.00	PASS
BLE_1M	Ant1	2440	-13.75	≤8.00	PASS
BLE_1M	Ant1	2480	-12.99	≤8.00	PASS
BLE_2M	Ant1	2402	-16.57	≤8.00	PASS
BLE_2M	Ant1	2440	-15.75	≤8.00	PASS
BLE_2M	Ant1	2480	-14.50	≤8.00	PASS



Test Graphs



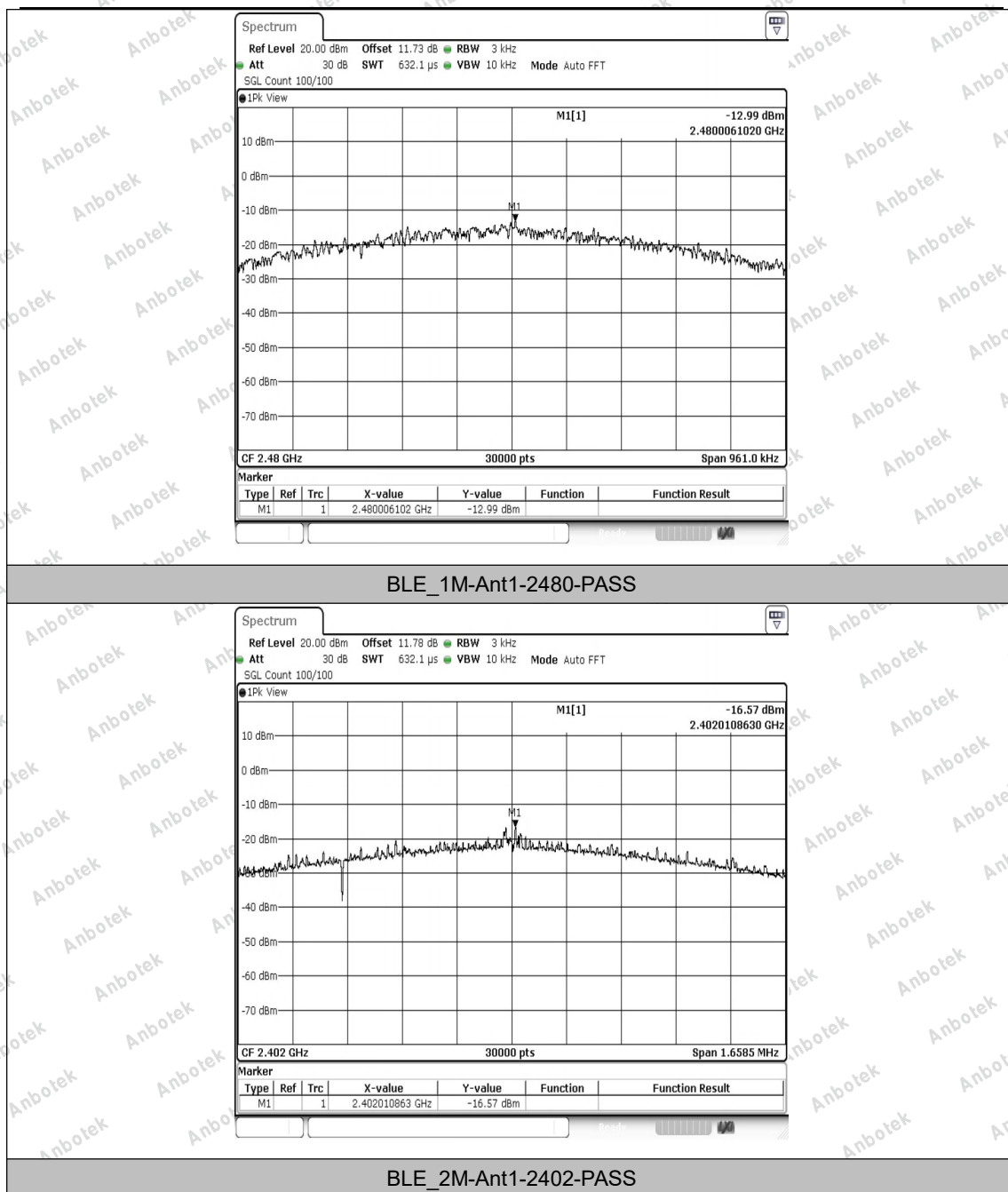
Shenzhen Anbotek Compliance Laboratory Limited

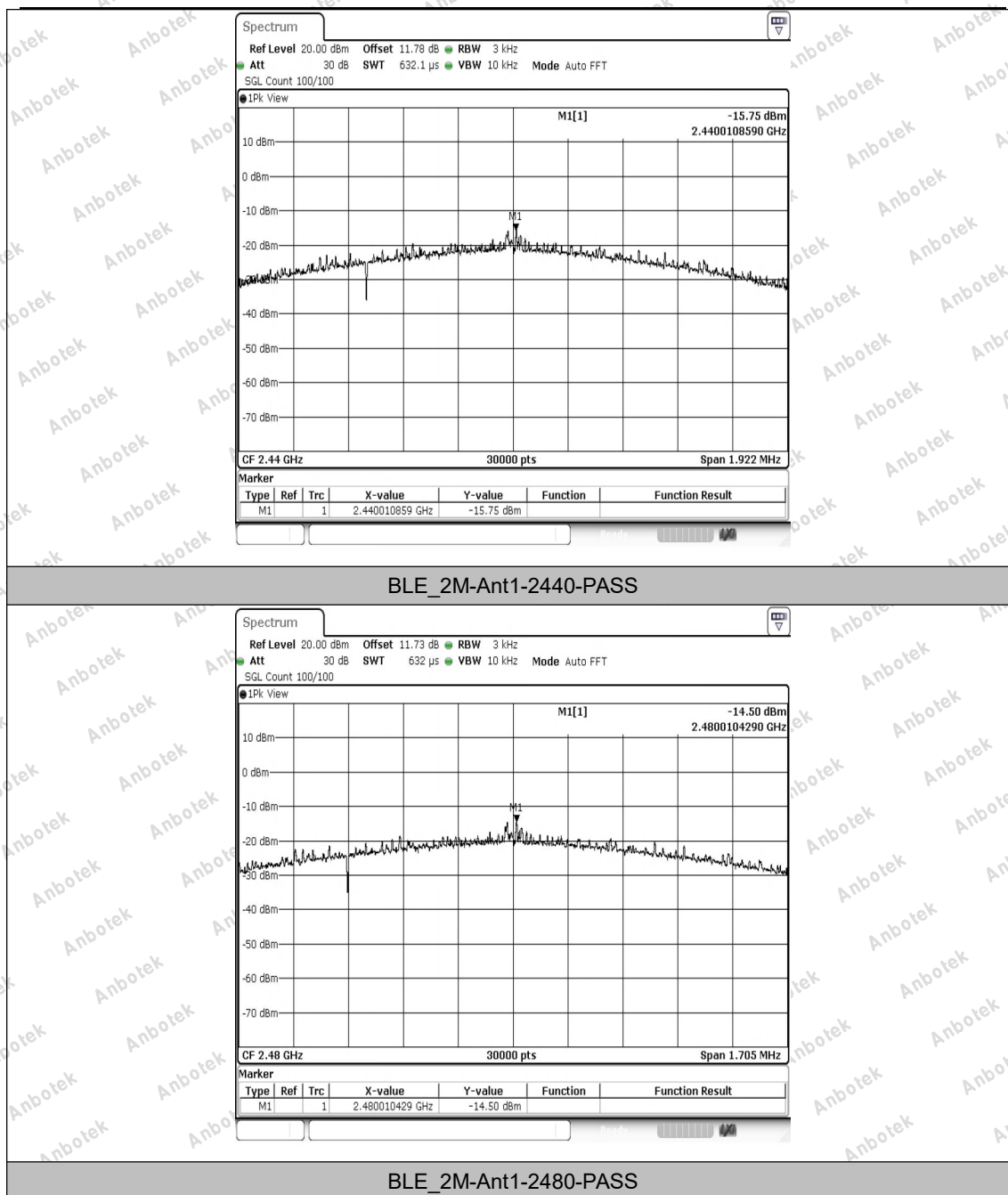
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
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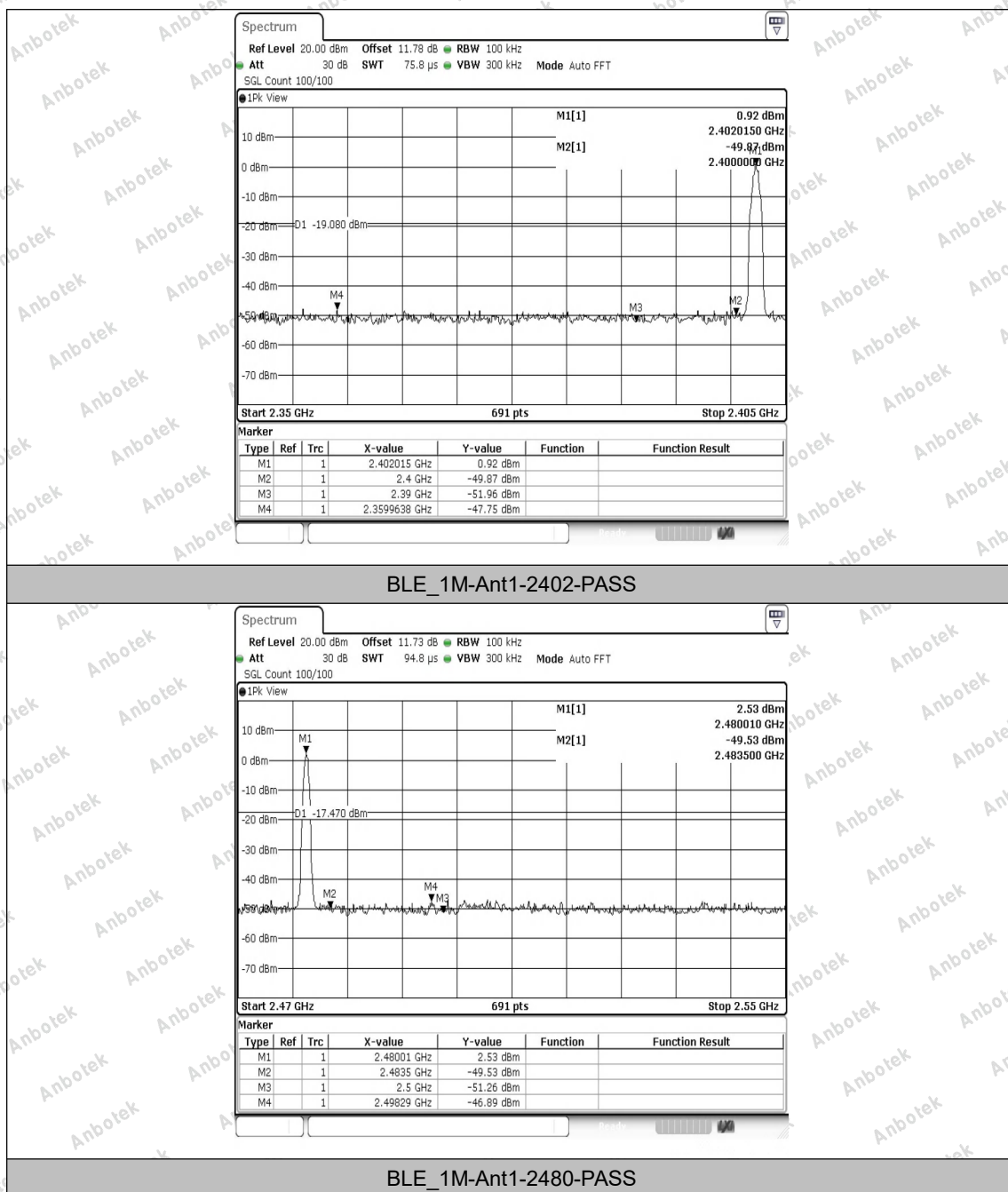
Appendix F: Band edge measurements

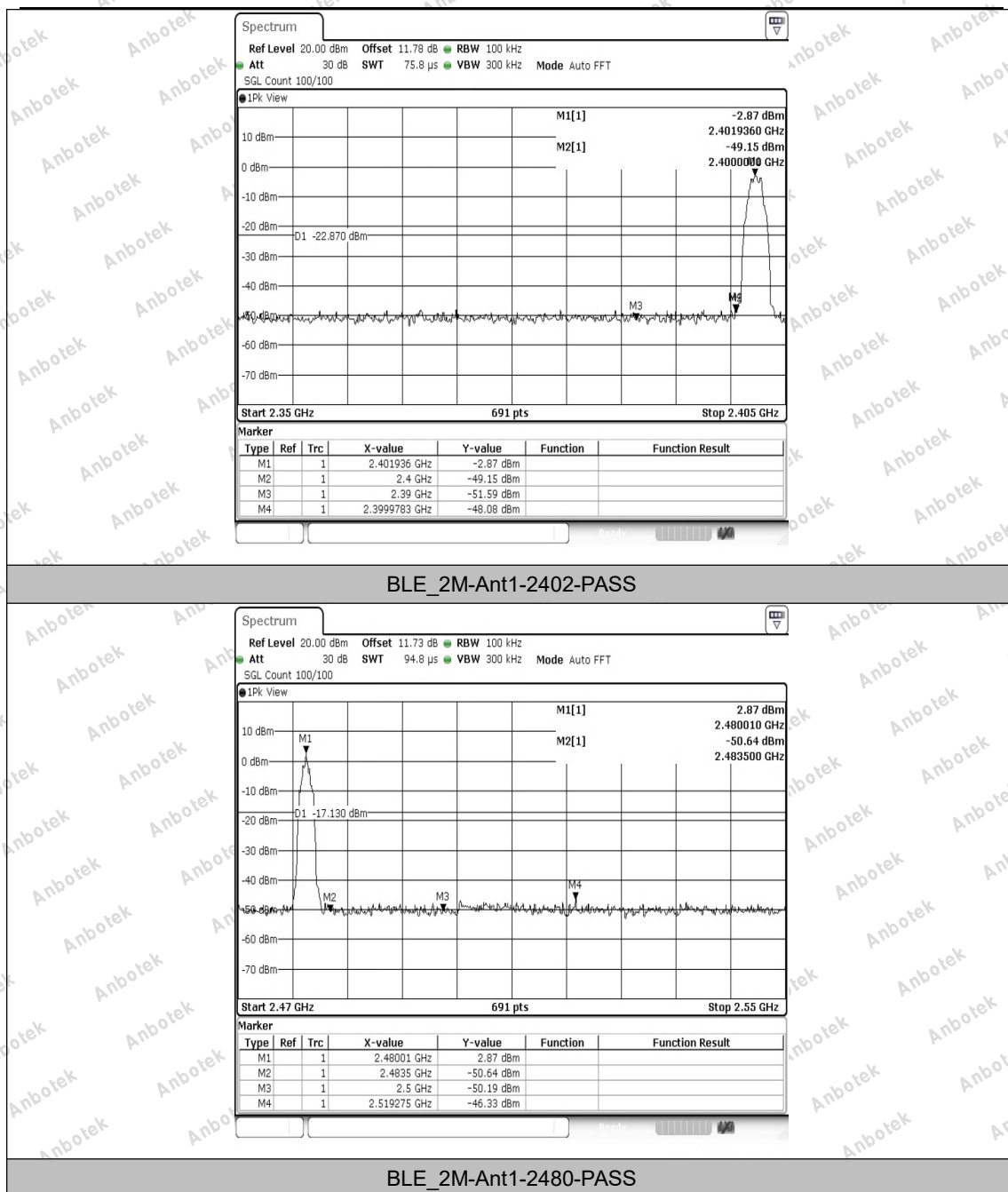
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.92	-47.75	≤-19.08	PASS
BLE_1M	Ant1	High	2480	2.53	-46.89	≤-17.47	PASS
BLE_2M	Ant1	Low	2402	-2.87	-48.08	≤-22.87	PASS
BLE_2M	Ant1	High	2480	2.87	-46.33	≤-17.13	PASS



Test Graphs





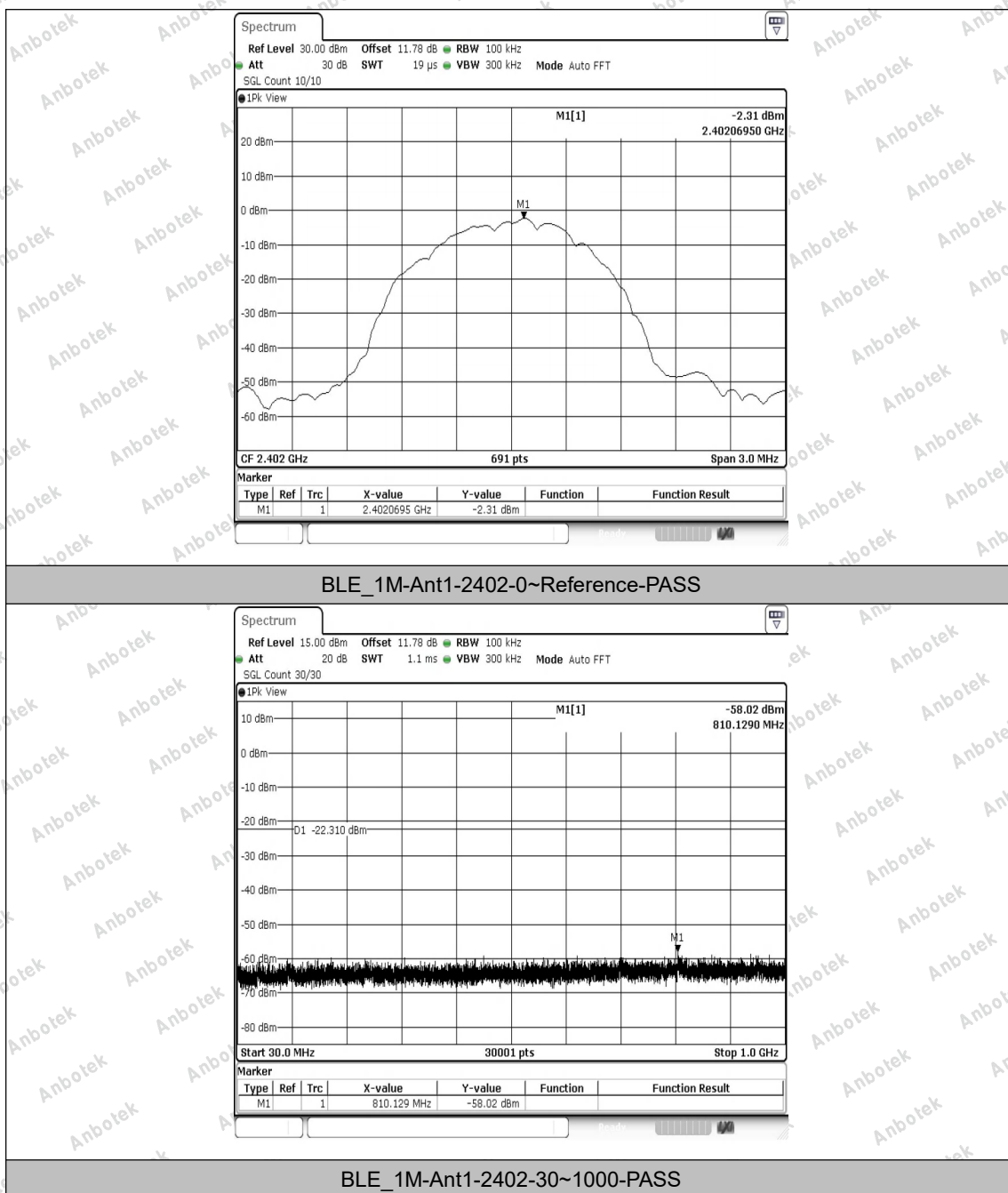
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.31	-2.31	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.31	-58.02	≤-22.31	PASS
BLE_1M	Ant1	2402	1000~26500	-2.31	-44.27	≤-22.31	PASS
BLE_1M	Ant1	2440	0~Reference	-0.46	-0.46	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.46	-57.52	≤-20.46	PASS
BLE_1M	Ant1	2440	1000~26500	-0.46	-43.61	≤-20.46	PASS
BLE_1M	Ant1	2480	0~Reference	-0.10	-0.10	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.10	-57.64	≤-20.1	PASS
BLE_1M	Ant1	2480	1000~26500	-0.10	-44.06	≤-20.1	PASS
BLE_2M	Ant1	2402	0~Reference	-3.96	-3.96	---	PASS
BLE_2M	Ant1	2402	30~1000	-3.96	-57.2	≤-23.96	PASS
BLE_2M	Ant1	2402	1000~26500	-3.96	-43.78	≤-23.96	PASS
BLE_2M	Ant1	2440	0~Reference	1.81	1.81	---	PASS
BLE_2M	Ant1	2440	30~1000	1.81	-57.85	≤-18.19	PASS
BLE_2M	Ant1	2440	1000~26500	1.81	-44.13	≤-18.19	PASS
BLE_2M	Ant1	2480	0~Reference	-0.05	-0.05	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.05	-56.76	≤-20.05	PASS
BLE_2M	Ant1	2480	1000~26500	-0.05	-43.74	≤-20.05	PASS



Test Graphs



BLE_1M-Ant1-2402-30~1000-PASS

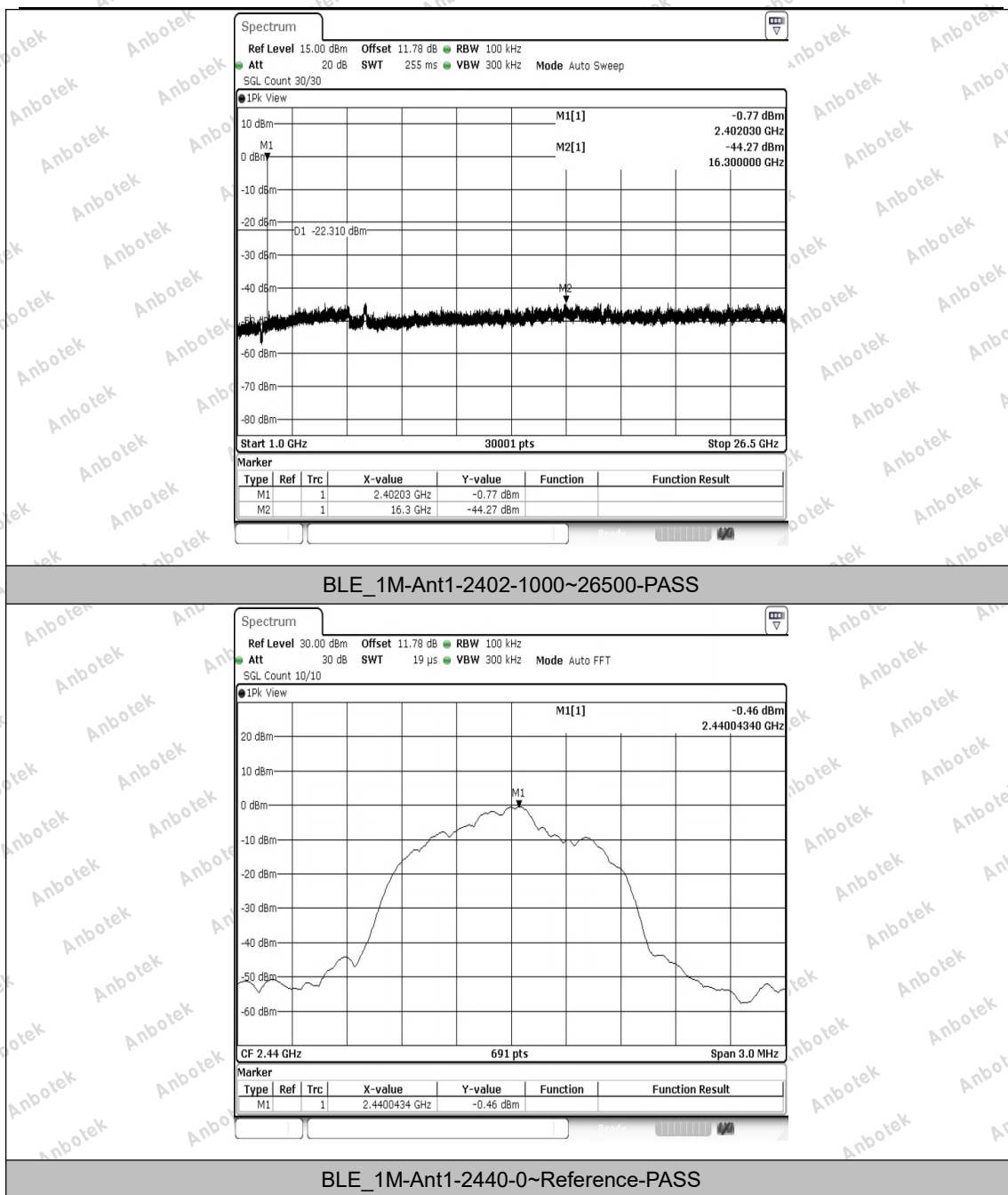
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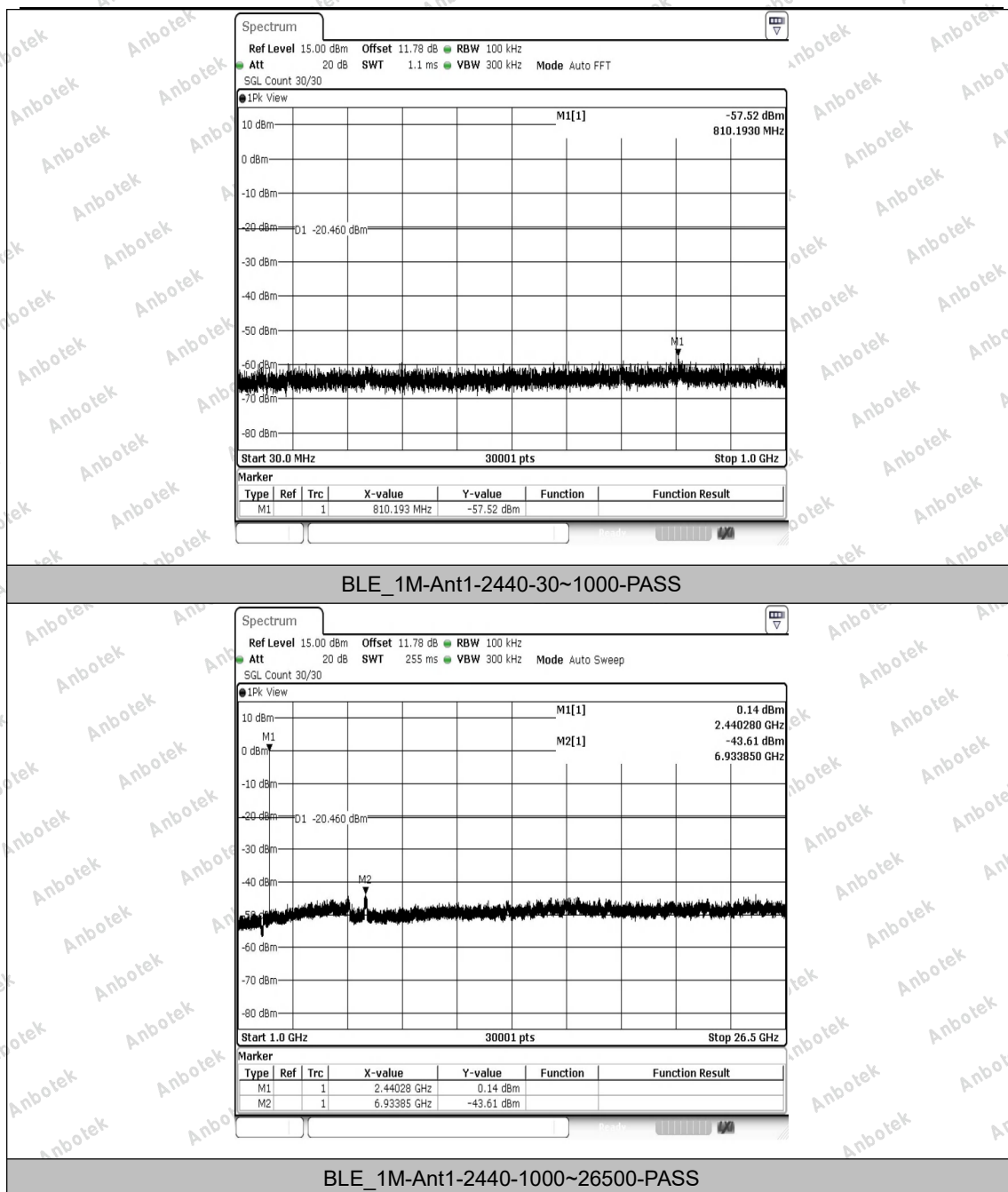
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com

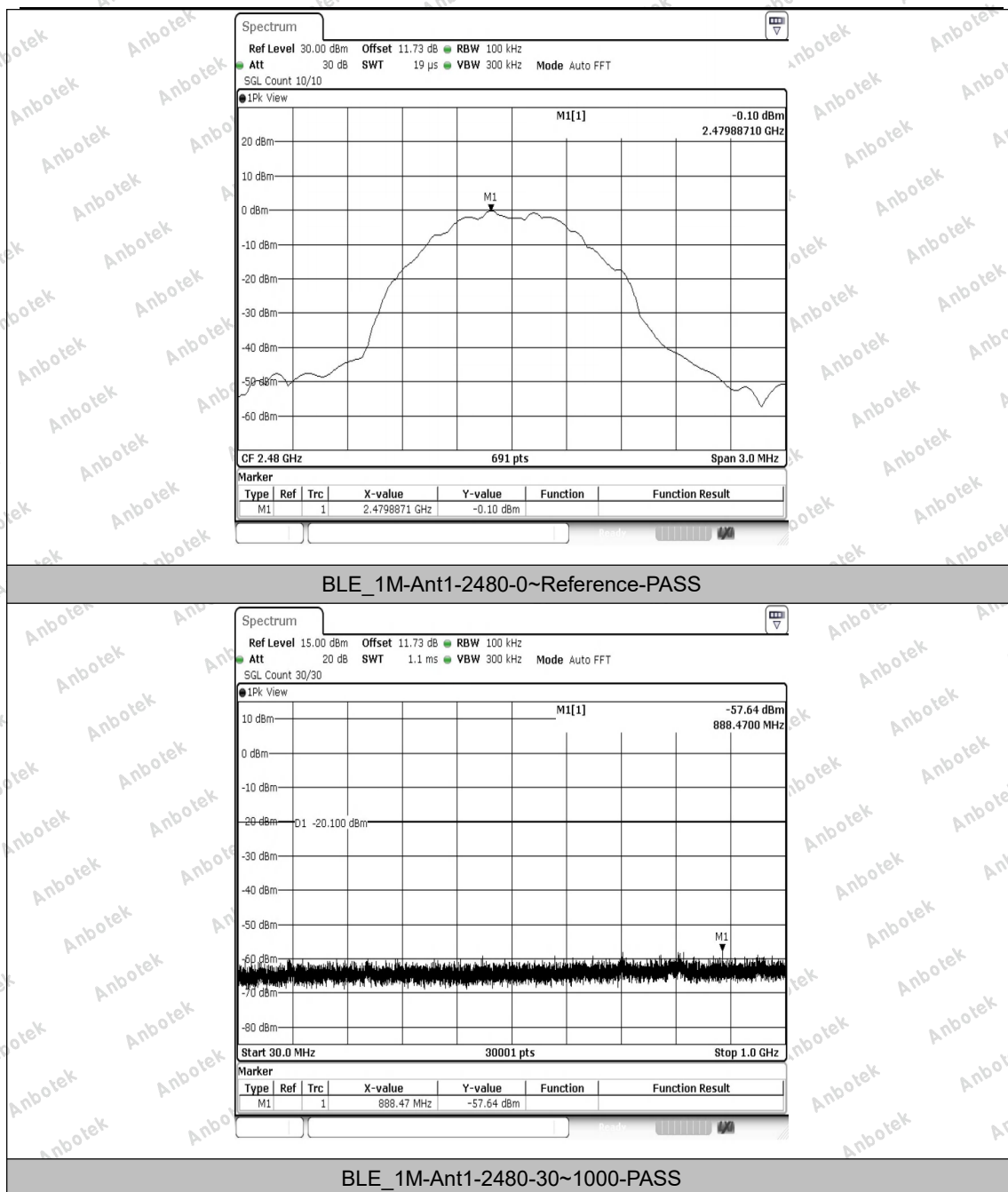


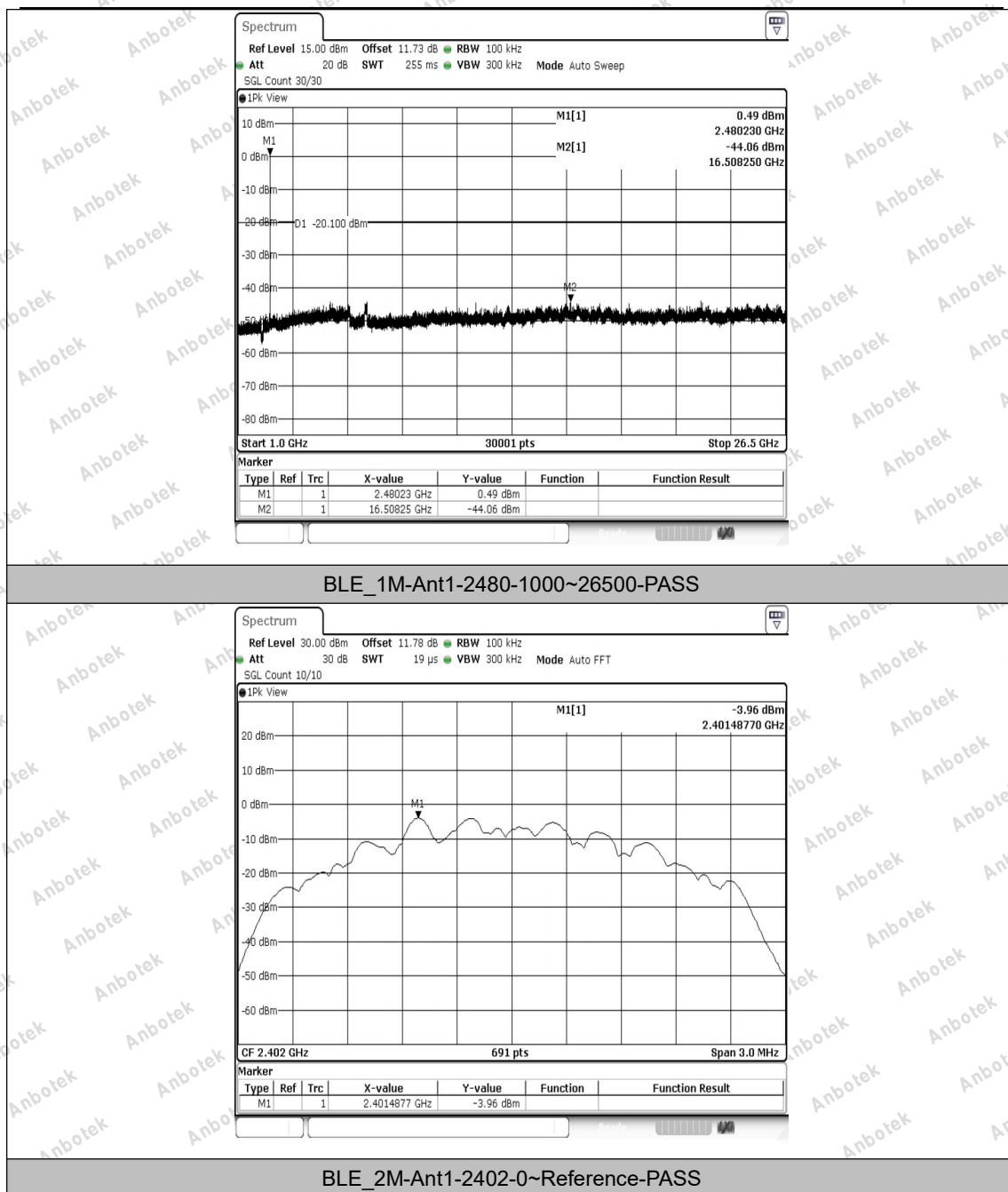
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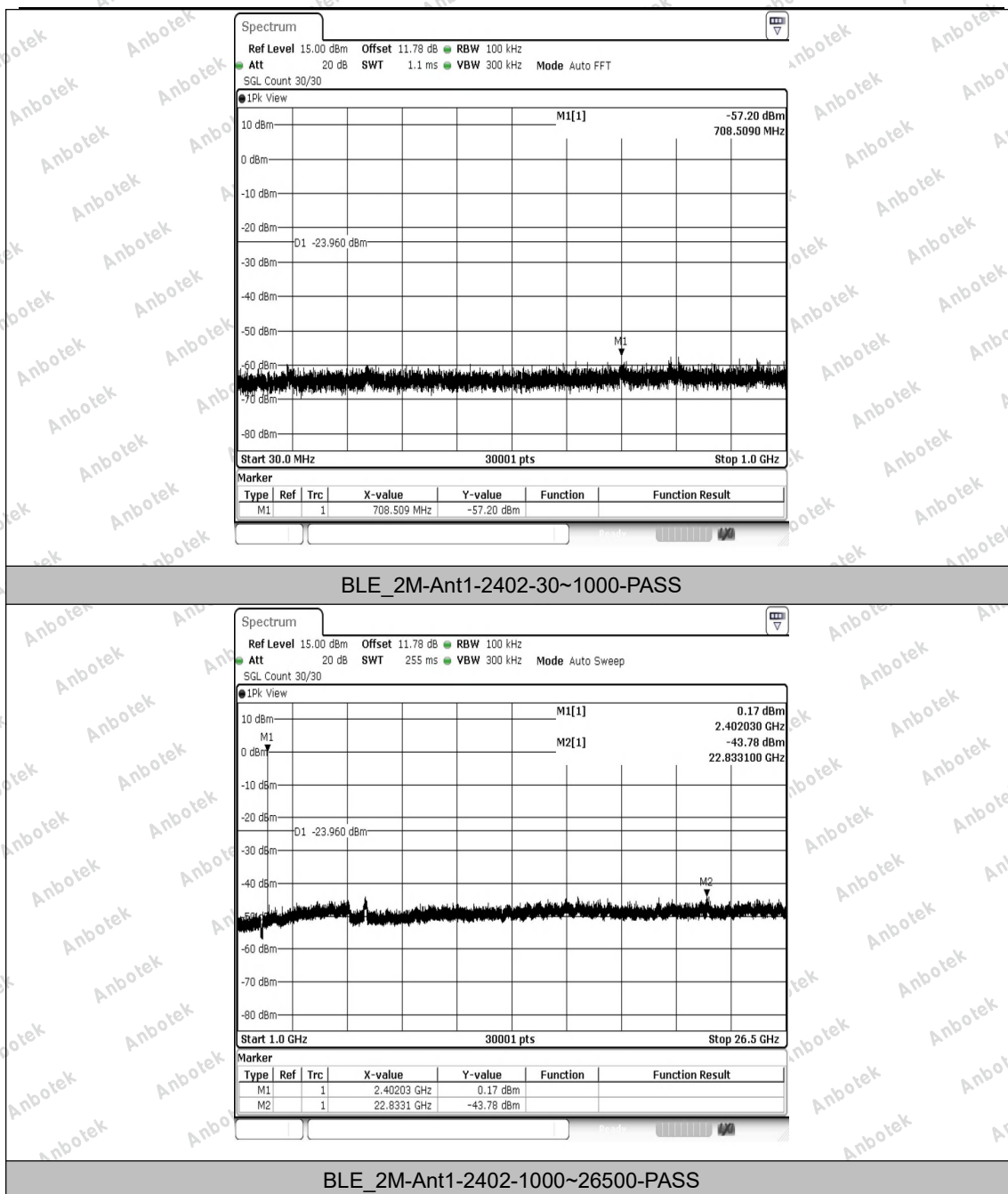


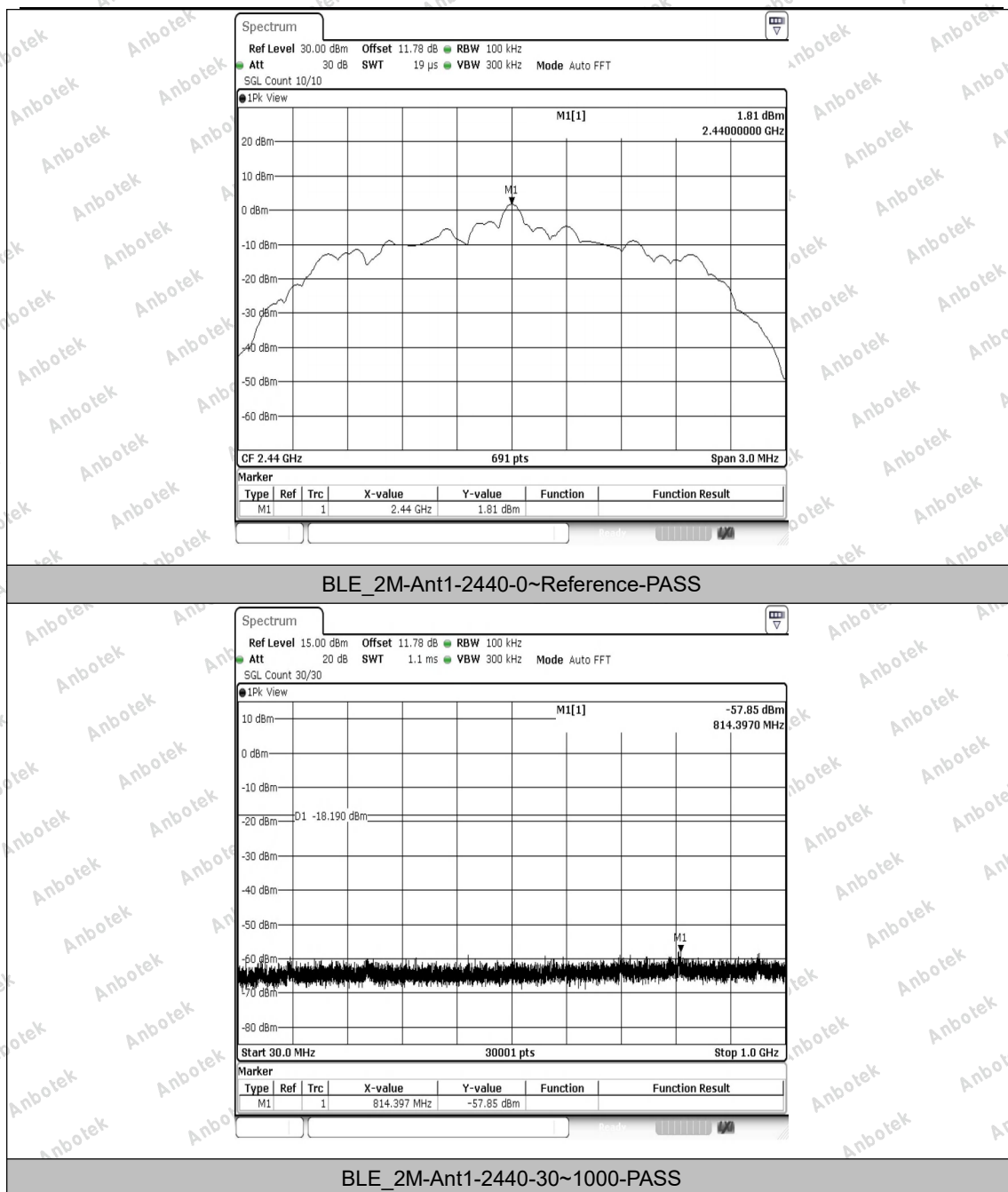


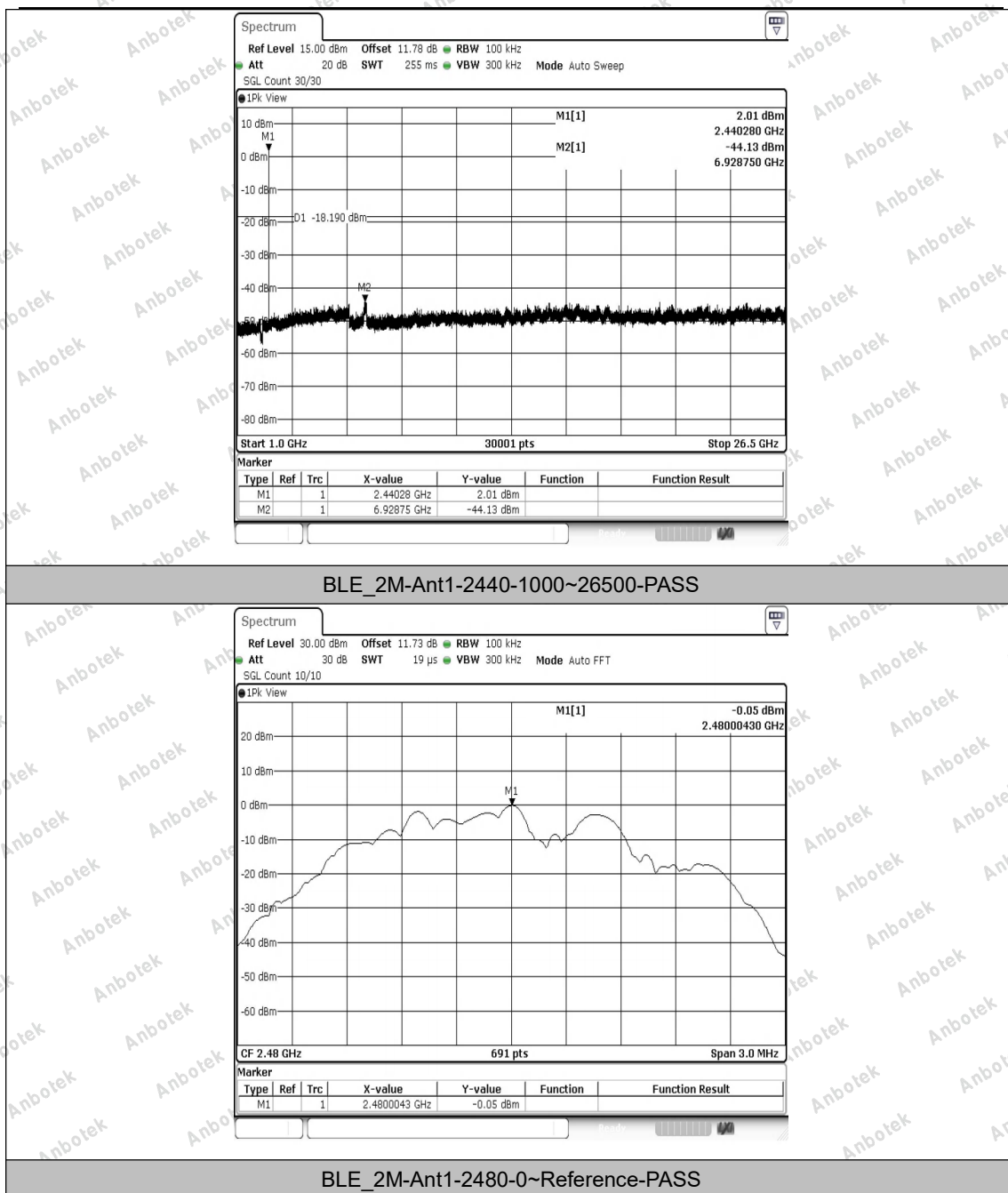


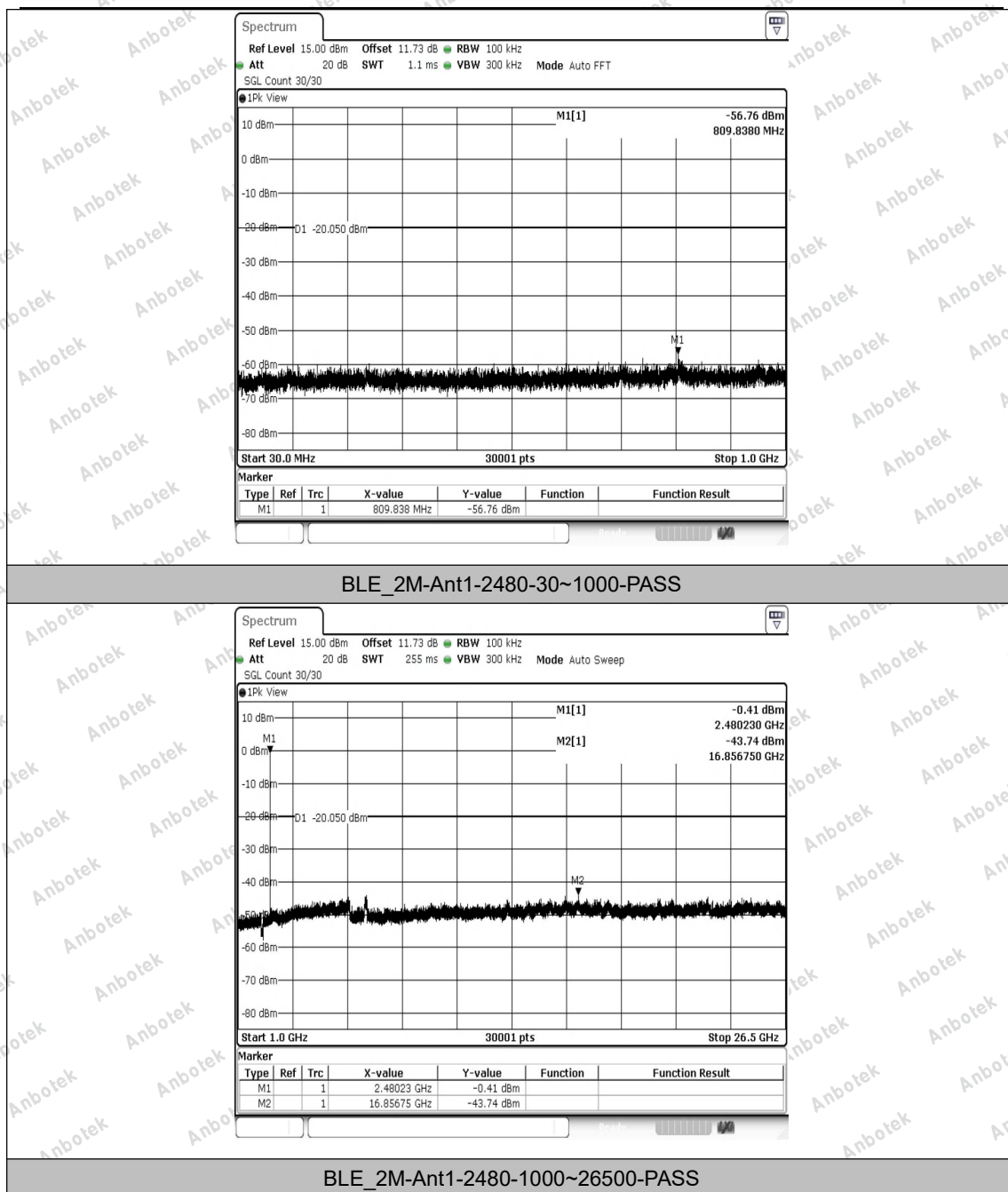












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