

Appendix Test Data

Report No.:	1812C40131012501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.7	Finish Test Date:	2024.11.22
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3℃	Relative Humidity:	55%
Pressure:	101kPa		

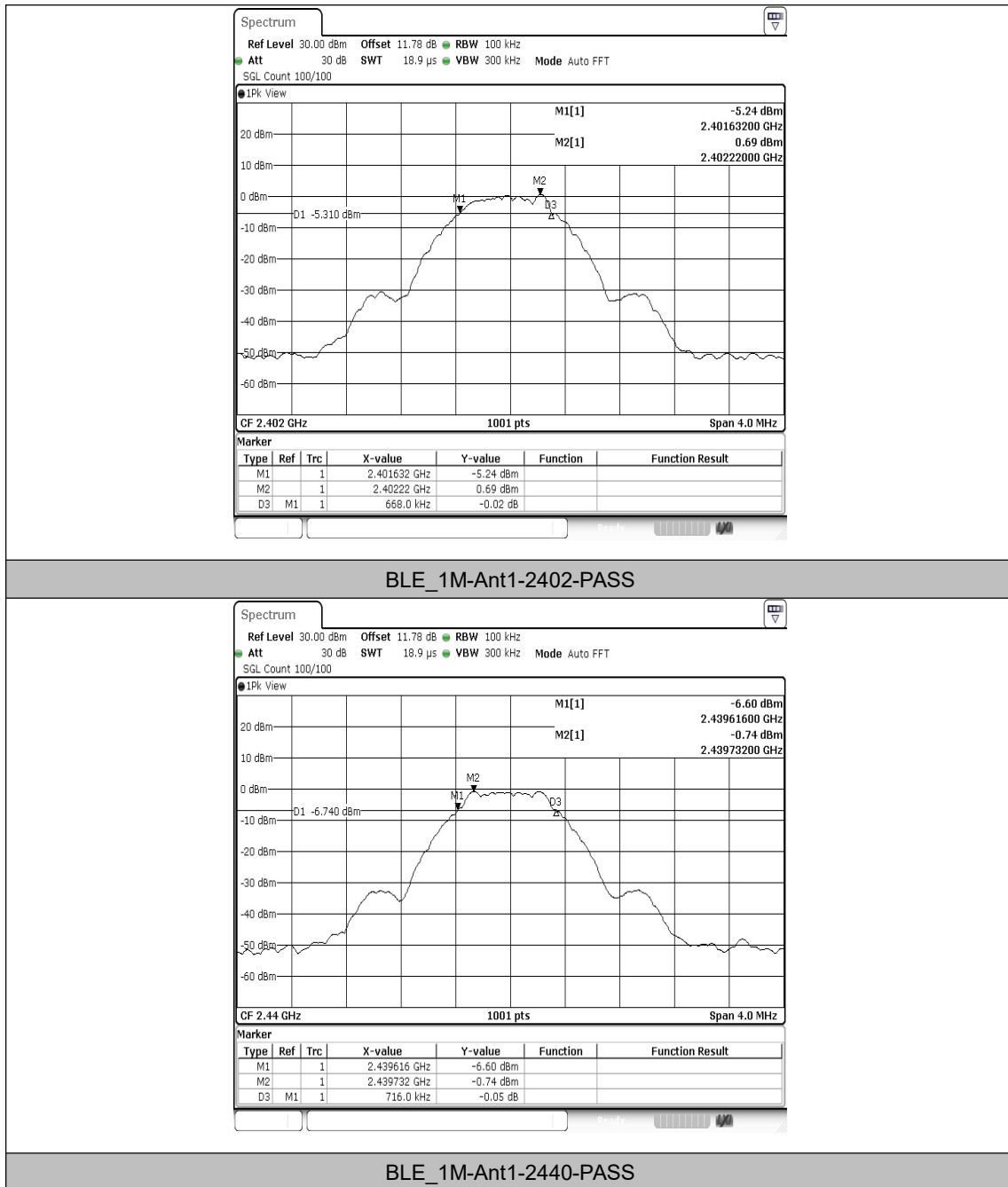
Appendix A: 6dB Bandwidth

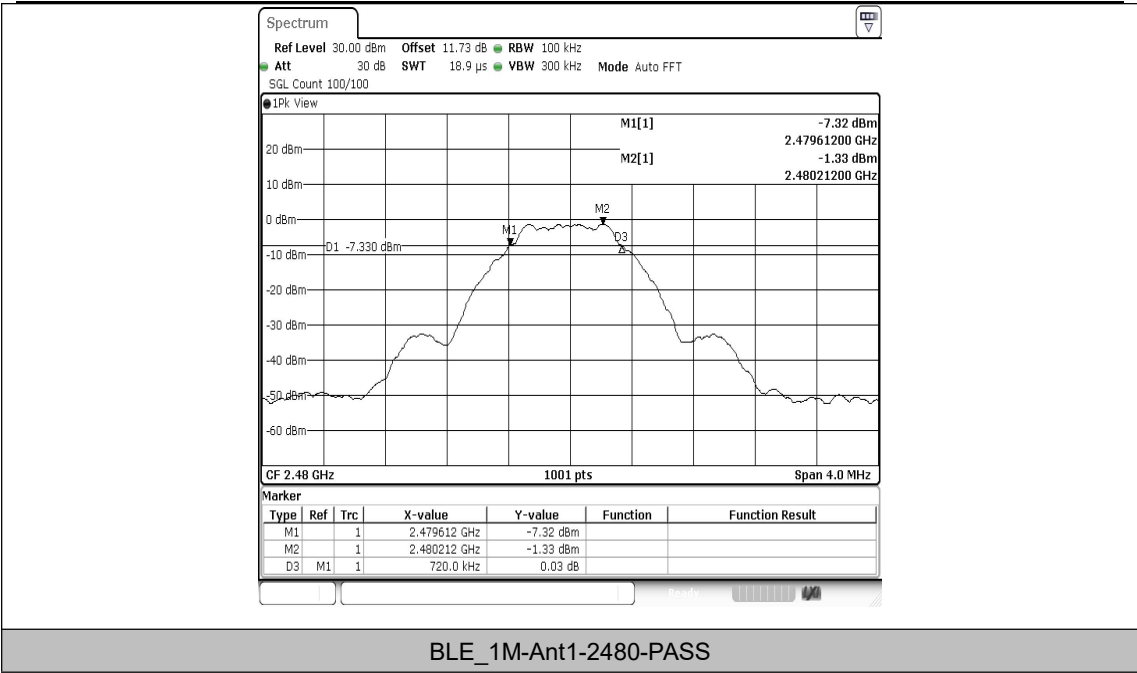
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.67	2401.63	2402.30	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.62	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.72	2479.61	2480.33	0.5	PASS



Test Graphs





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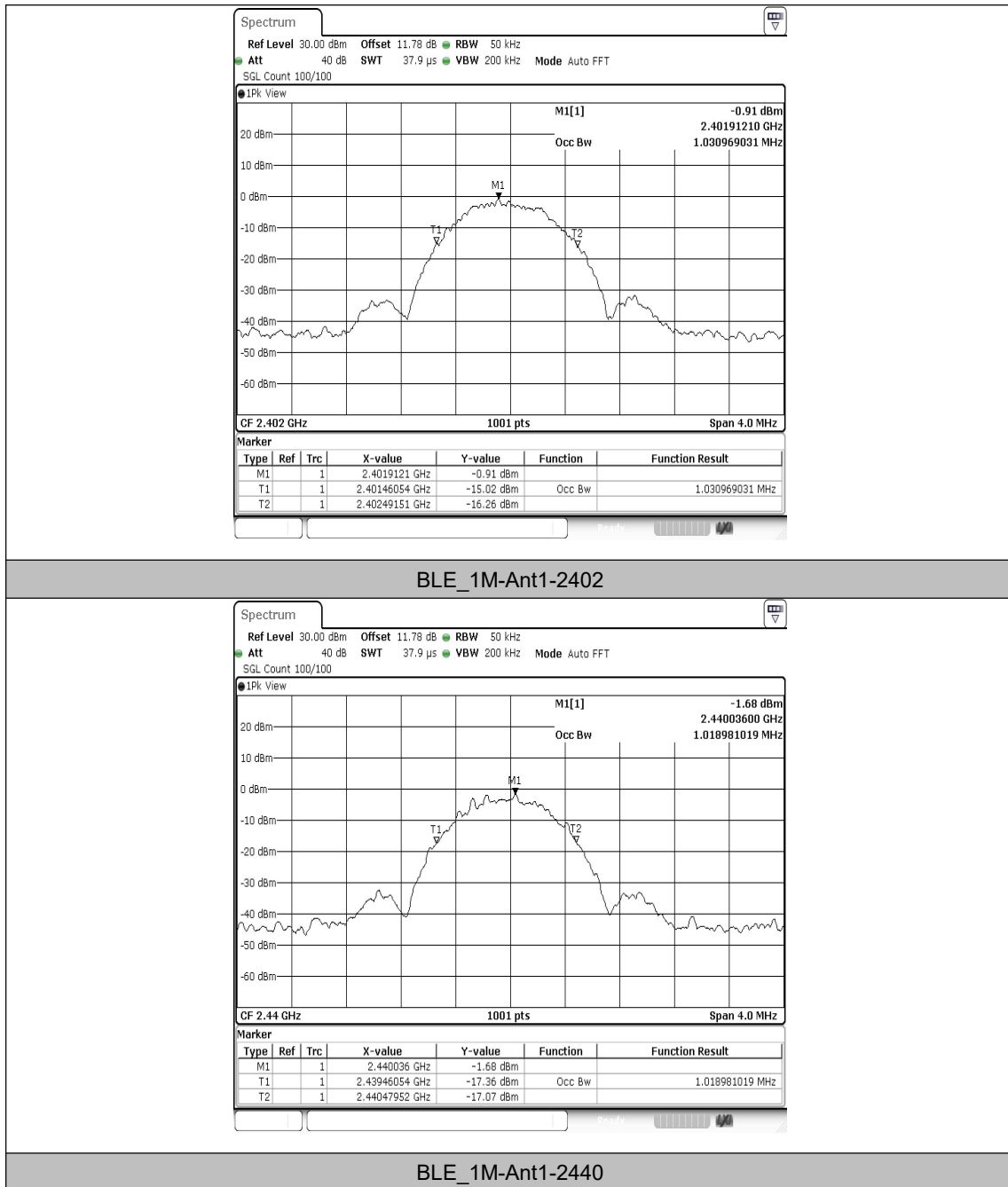
Appendix B: 99% Occupied Bandwidth

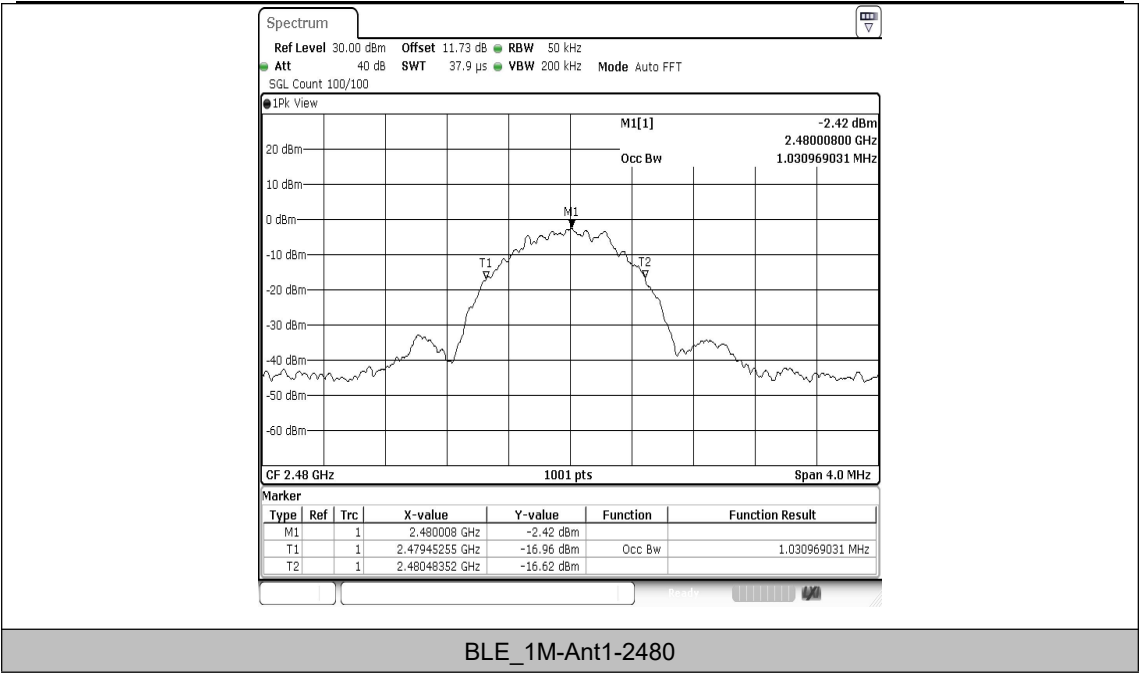
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.4605	2402.4915	---	---
BLE_1M	Ant1	2440	1.019	2439.4605	2440.4795	---	---
BLE_1M	Ant1	2480	1.031	2479.4525	2480.4835	---	---



Test Graphs





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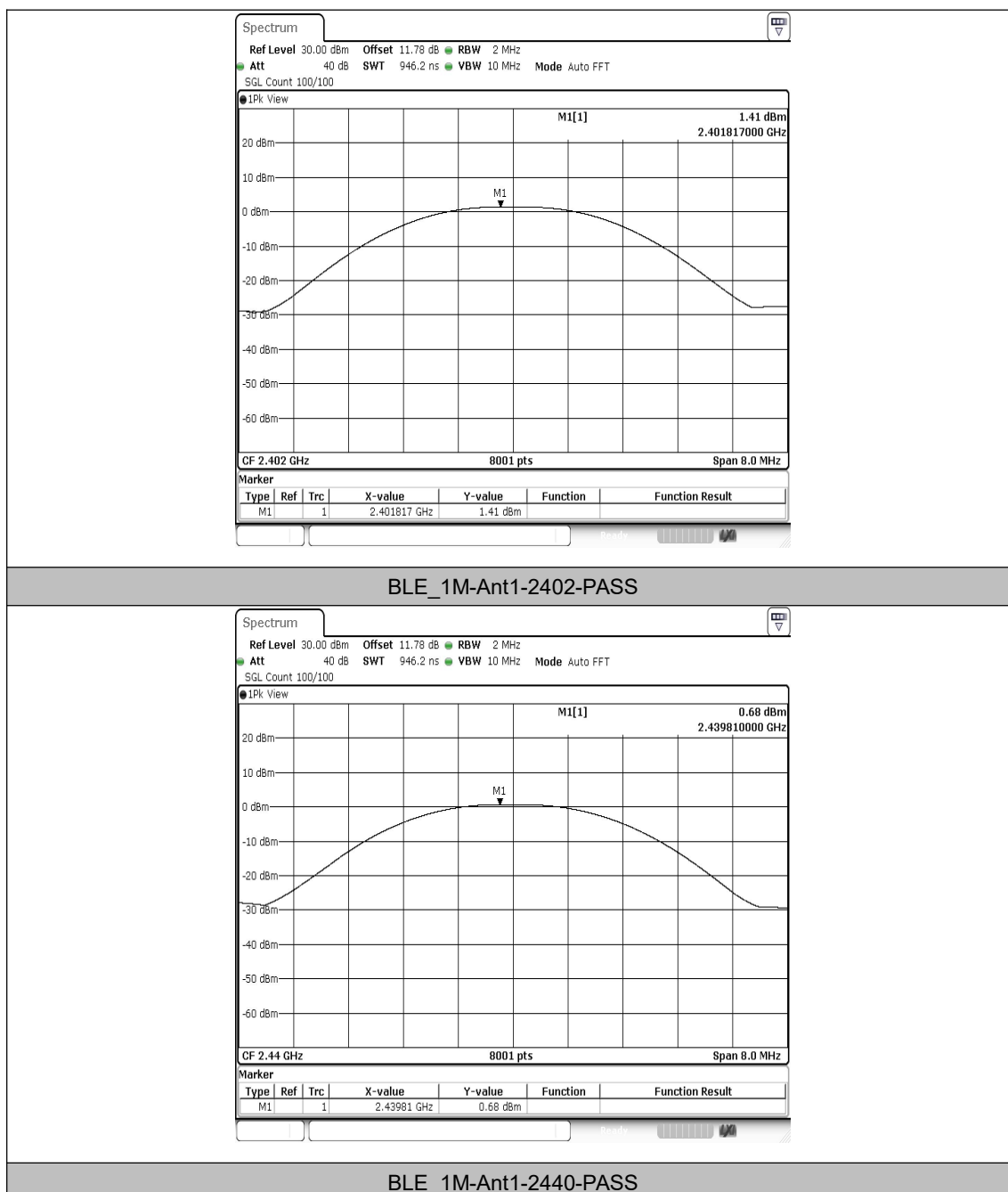


Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.41	≤30	PASS
BLE_1M	Ant1	2440	0.68	≤30	PASS
BLE_1M	Ant1	2480	0.03	≤30	PASS

Test Graphs Peak

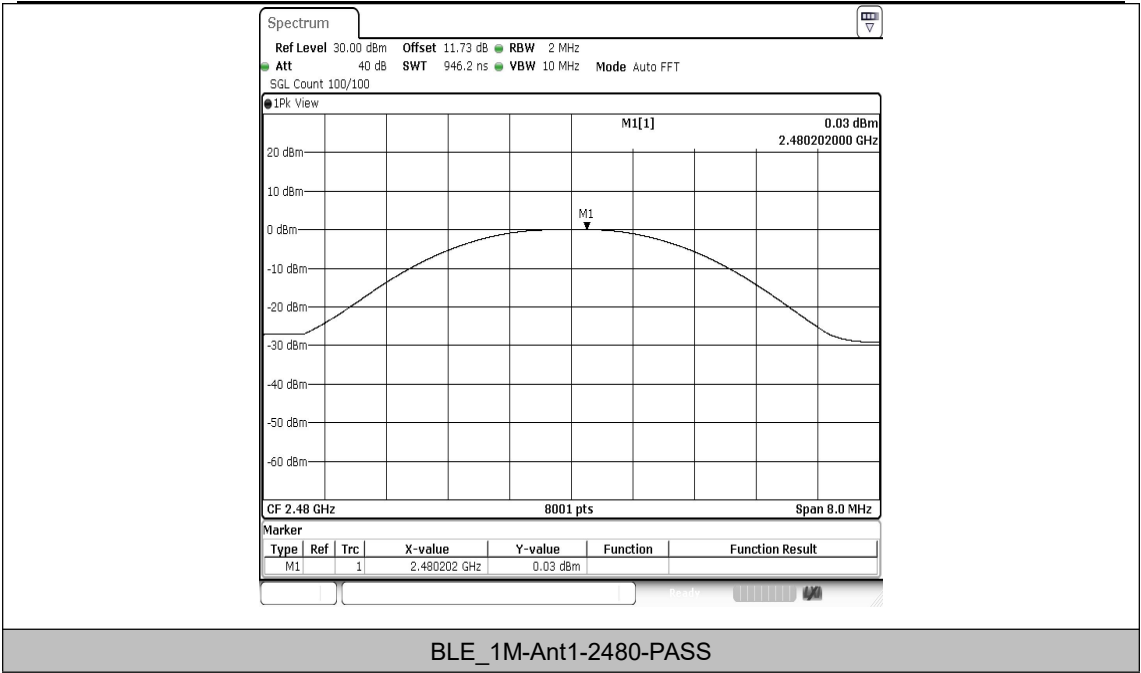


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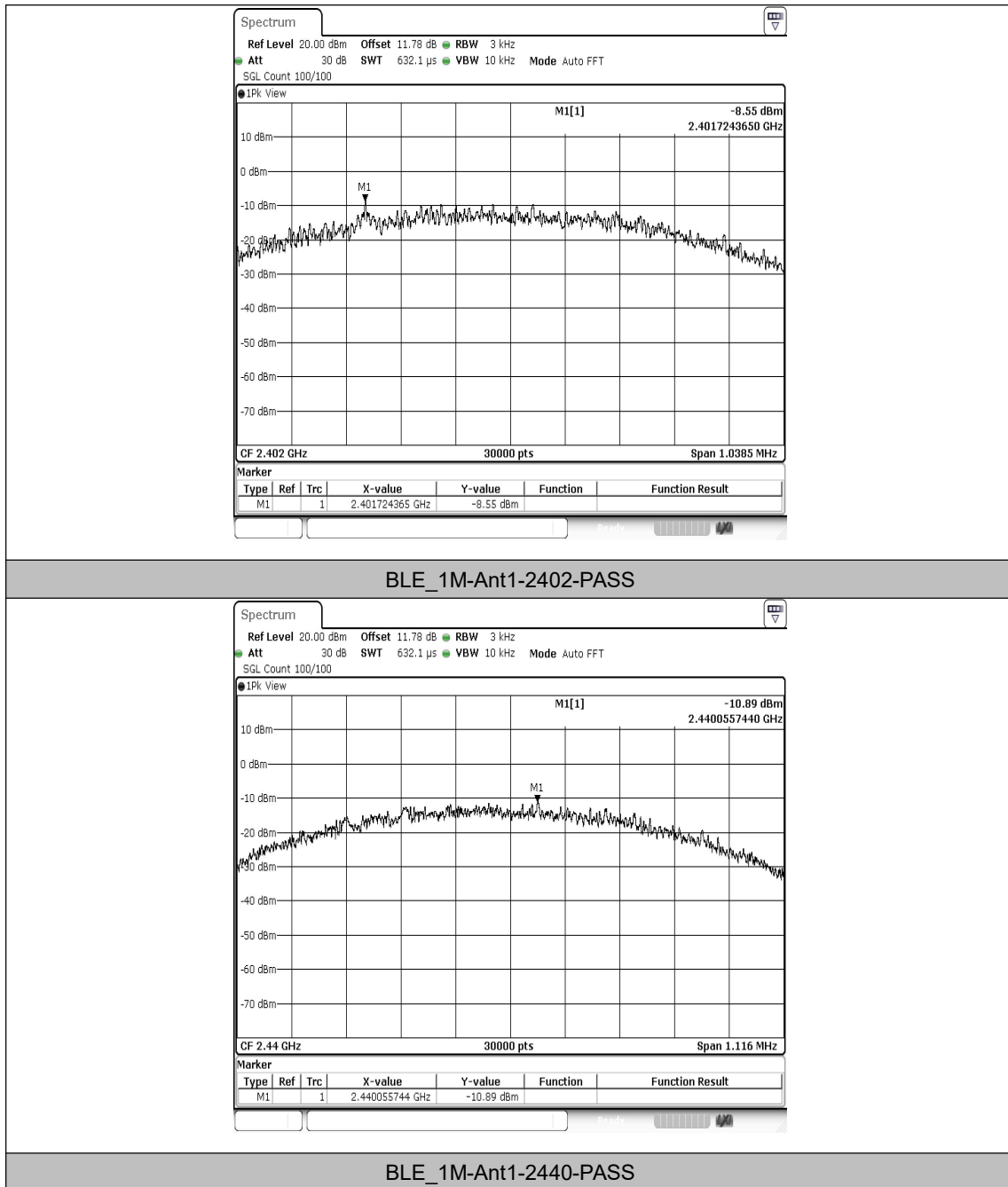
Appendix D: Maximum power spectral density

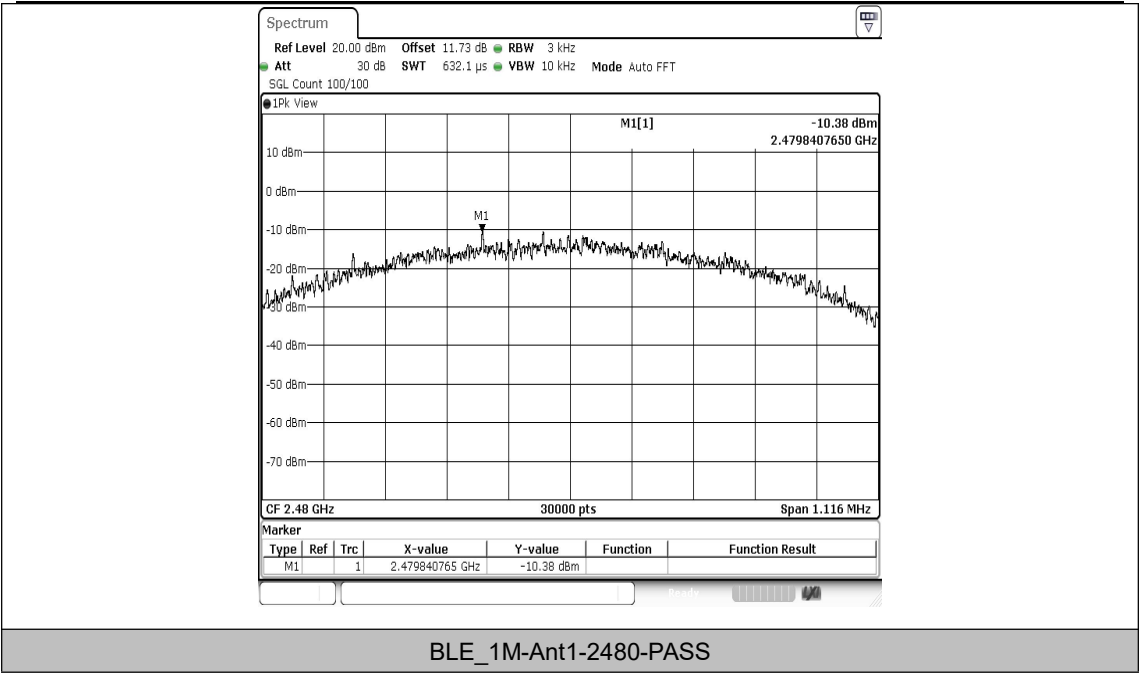
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.55	≤8.00	PASS
BLE_1M	Ant1	2440	-10.89	≤8.00	PASS
BLE_1M	Ant1	2480	-10.38	≤8.00	PASS



Test Graphs





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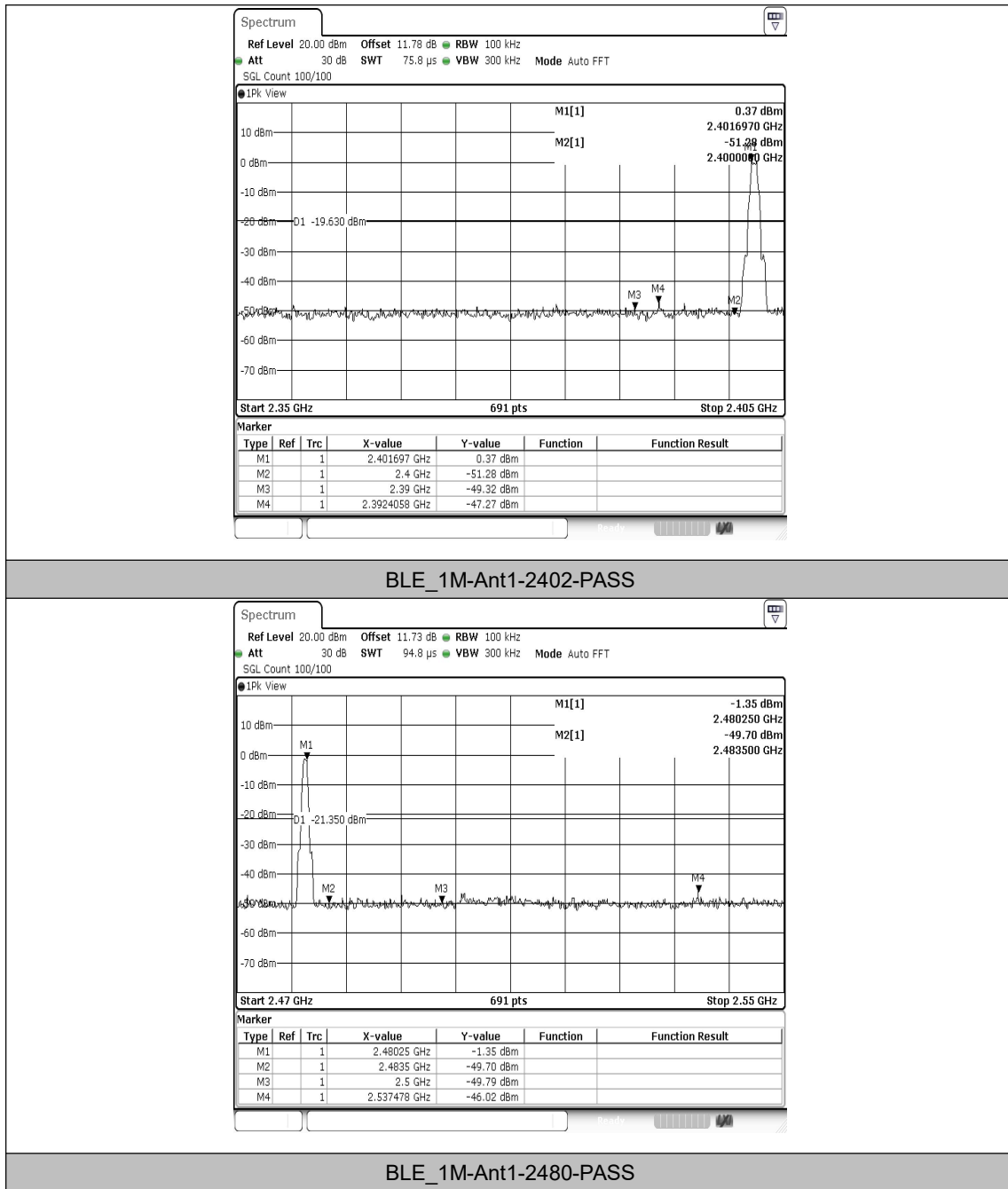
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.37	-47.27	≤-19.63	PASS
BLE_1M	Ant1	High	2480	-1.35	-46.02	≤-21.35	PASS



Test Graphs



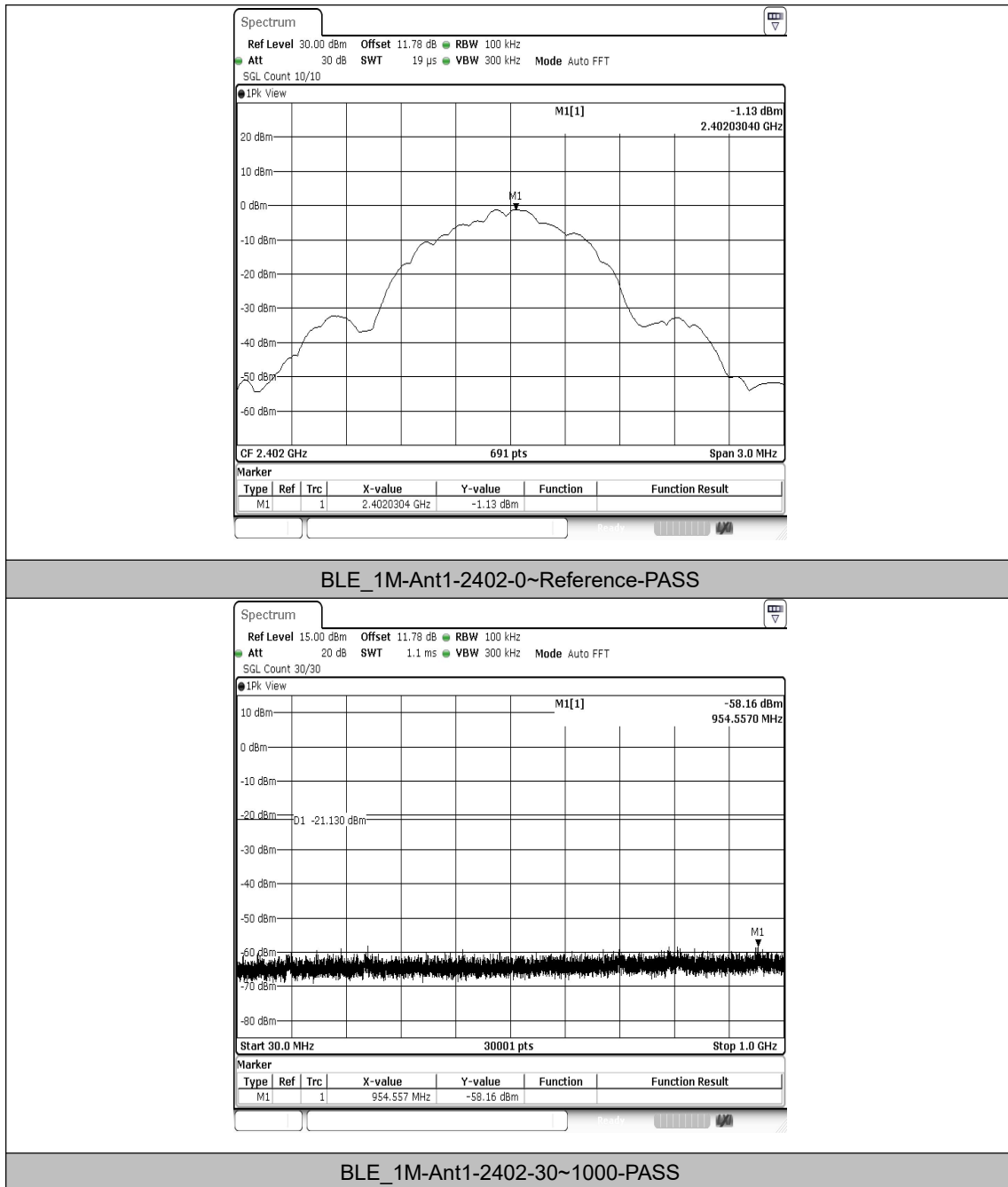
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.13	-1.13	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.13	-58.16	≤-21.13	PASS
BLE_1M	Ant1	2402	1000~26500	-1.13	-44.35	≤-21.13	PASS
BLE_1M	Ant1	2440	0~Reference	-1.95	-1.95	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.95	-58.12	≤-21.95	PASS
BLE_1M	Ant1	2440	1000~26500	-1.95	-44.21	≤-21.95	PASS
BLE_1M	Ant1	2480	0~Reference	-1.74	-1.74	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.74	-58.62	≤-21.74	PASS
BLE_1M	Ant1	2480	1000~26500	-1.74	-44.15	≤-21.74	PASS



Test Graphs



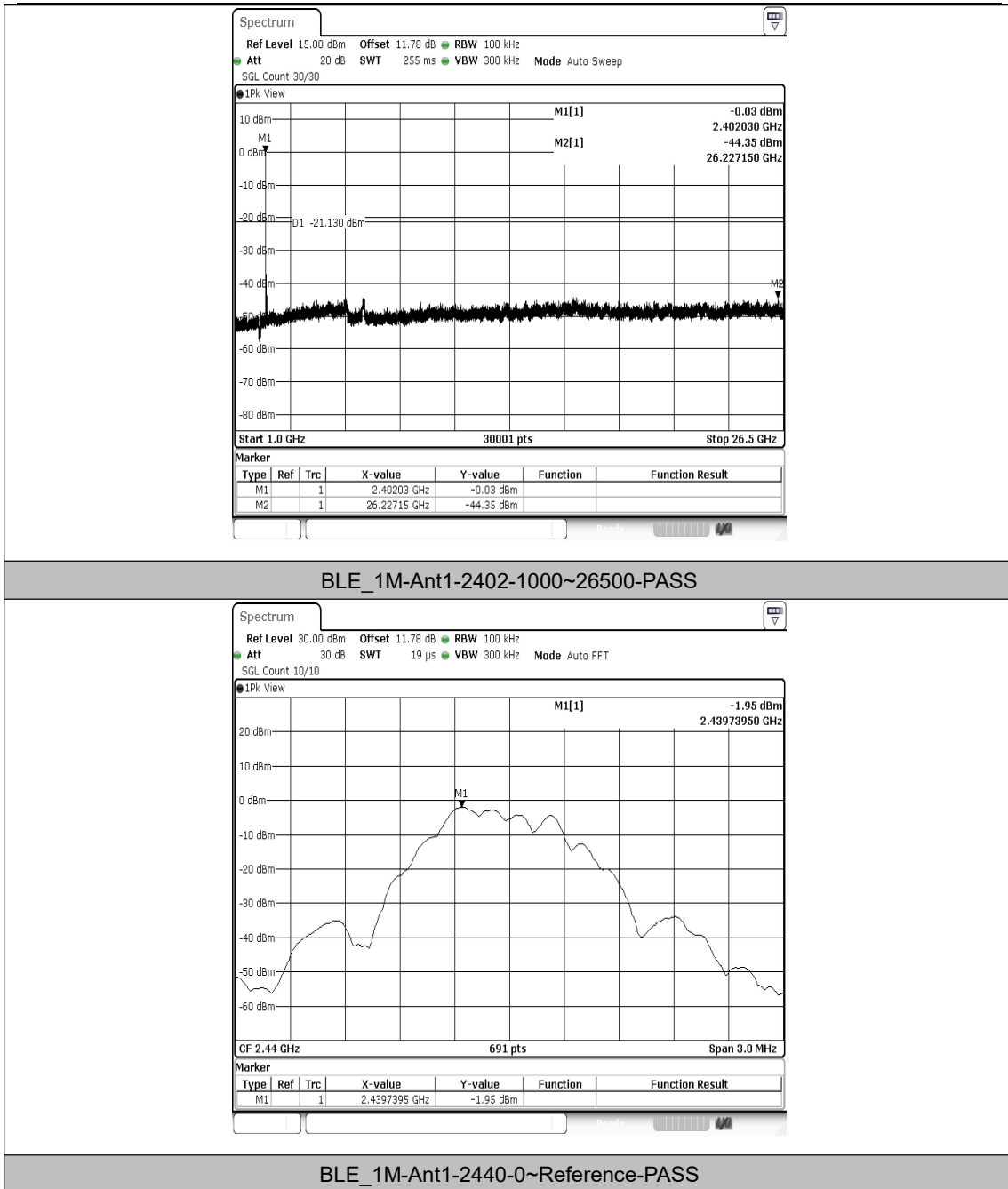
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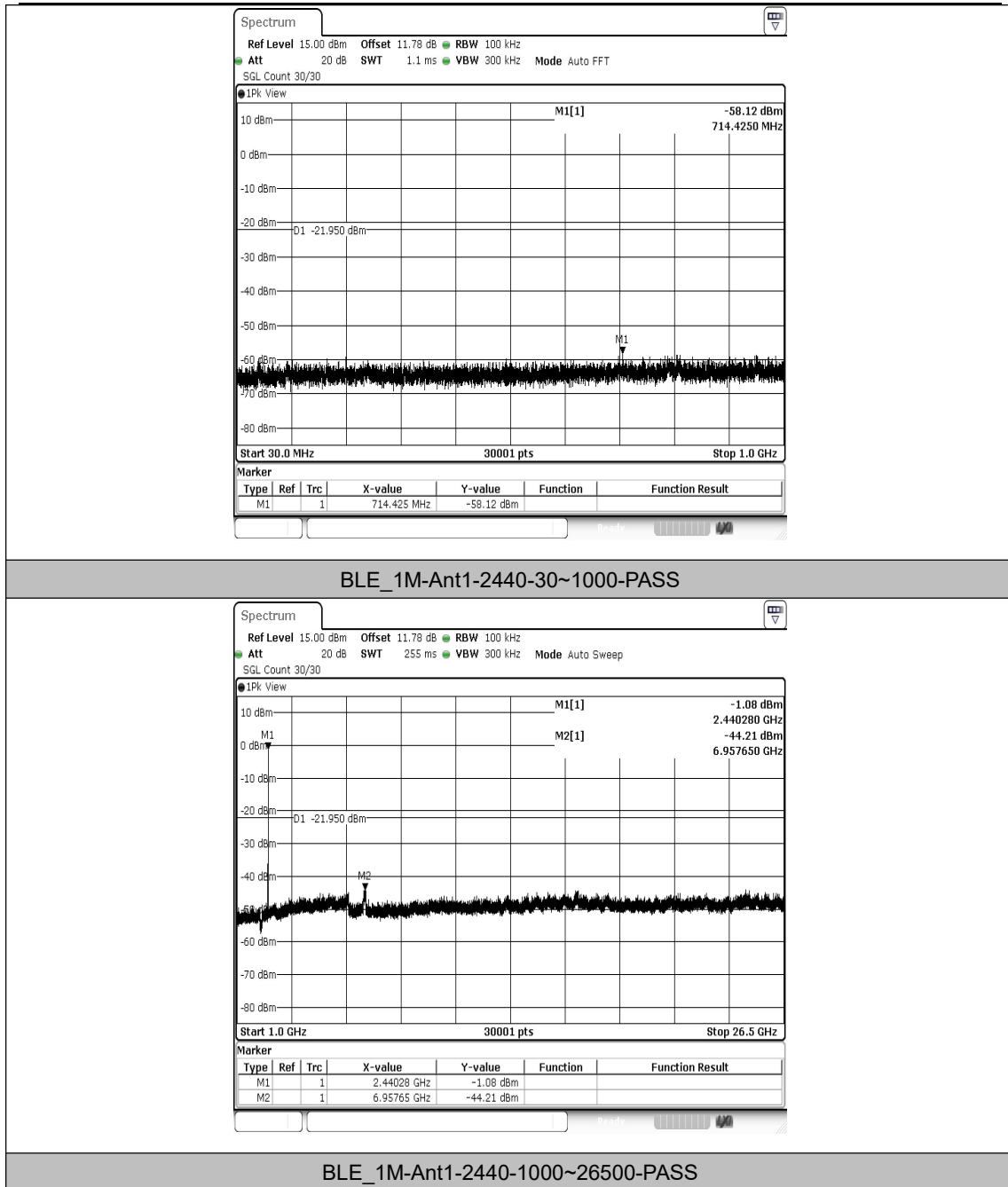


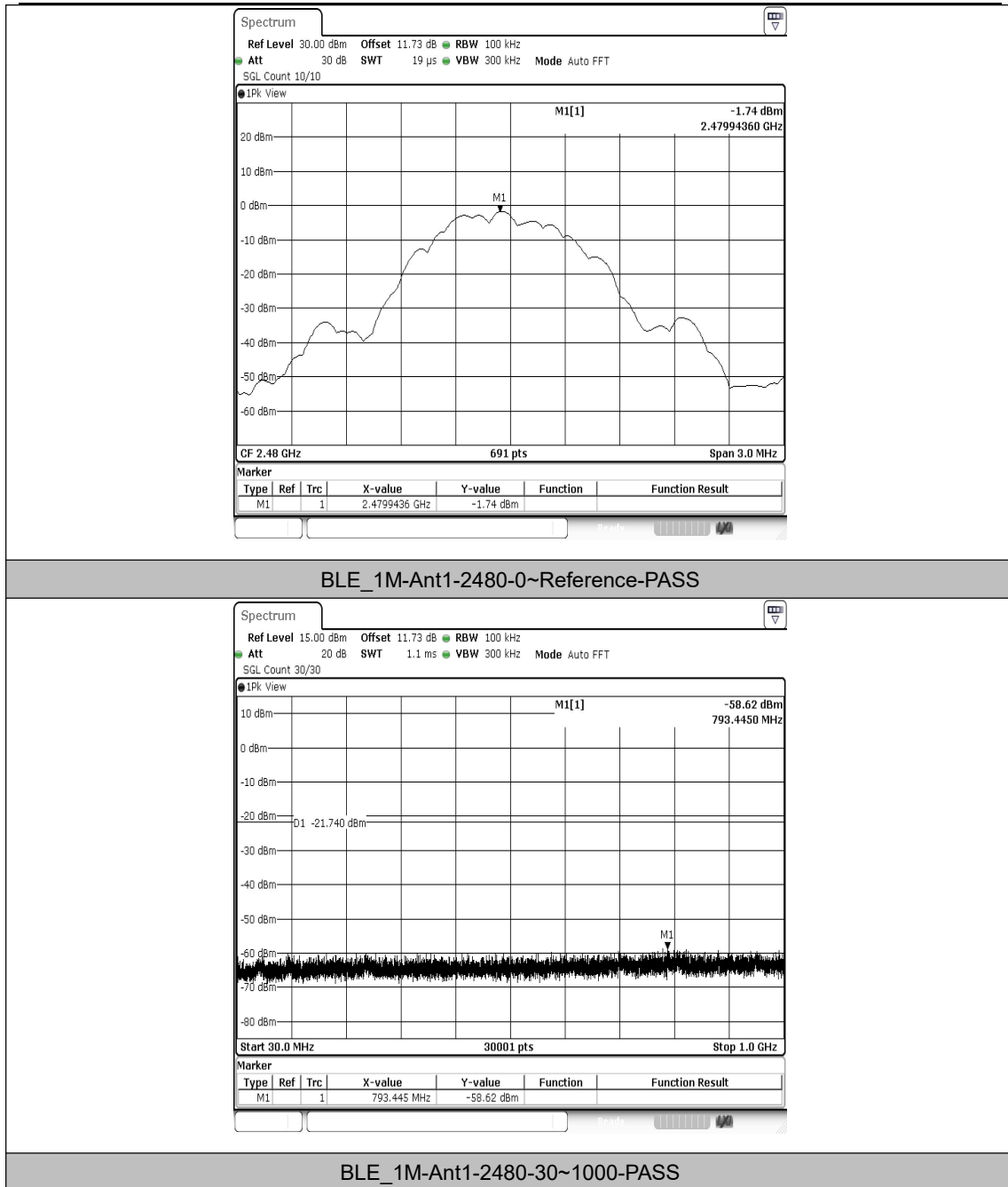
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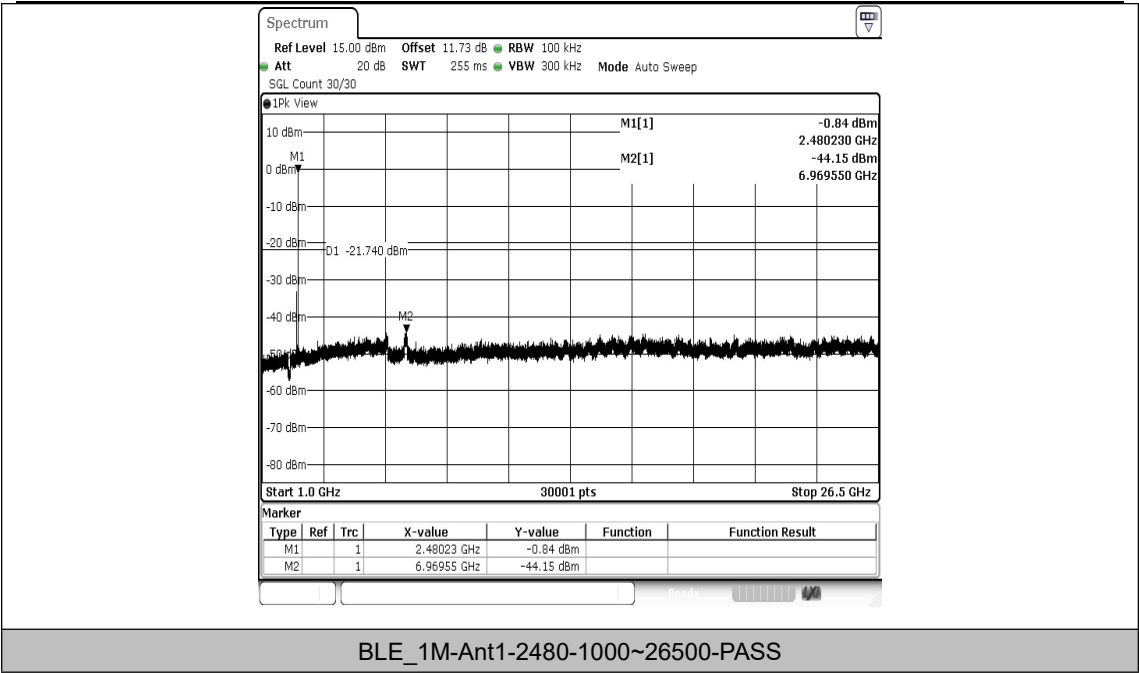


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