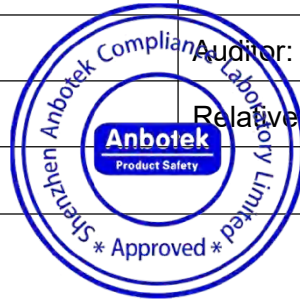


Appendix Test Data

Report No.:	1812C50016212501-01	Test Sample No.:	1-2-2
Start Test Date:	2025.1.14	Finish Test Date:	2025.1.20
Test Engineer:	Huisei Guan	Auditor:	Justin Feng
Temperature:	21.5°C	Relative Humidity:	39%
Pressure:	101kPa		

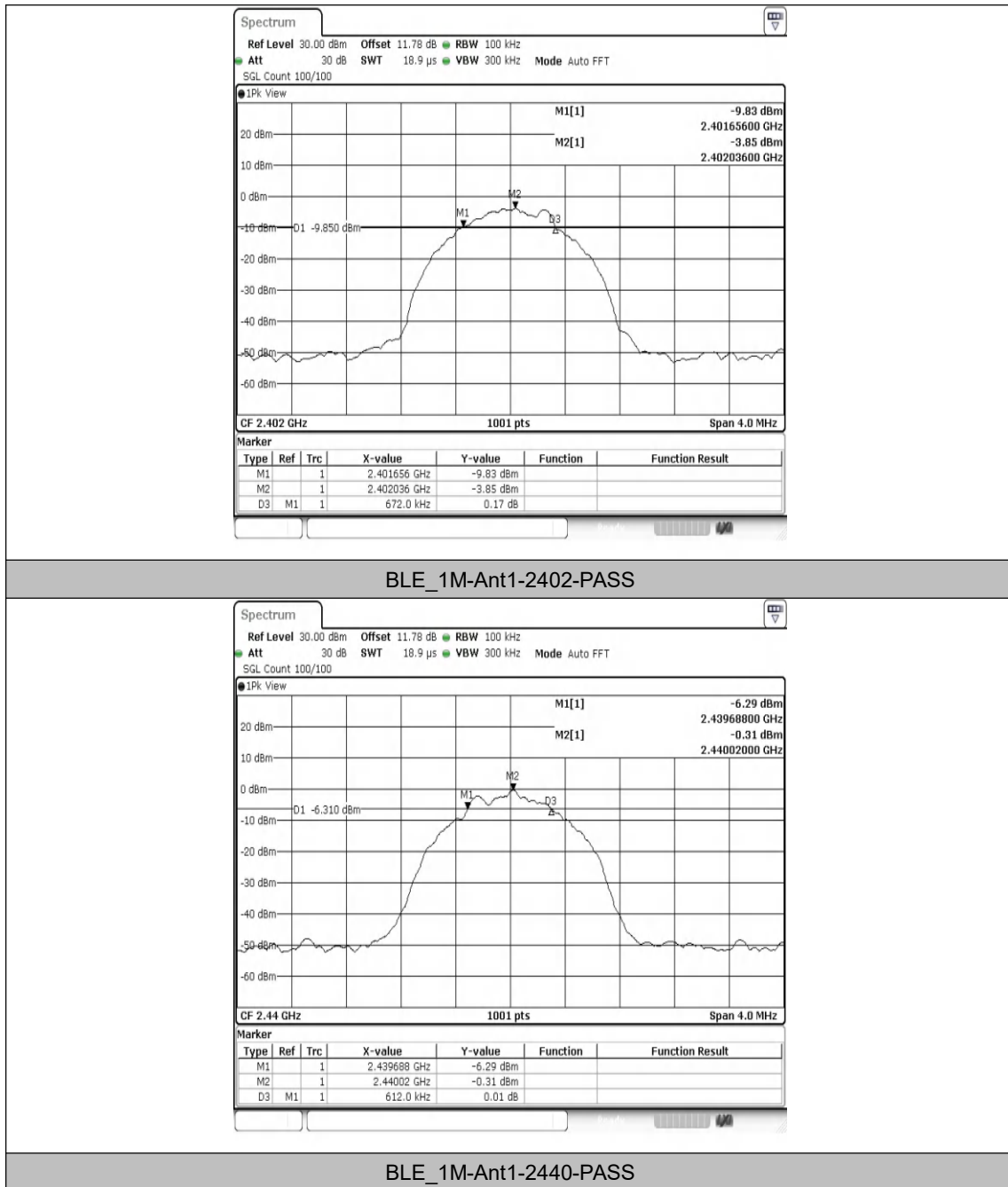


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.67	2401.66	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.61	2439.69	2440.30	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.68	2480.32	0.5	PASS

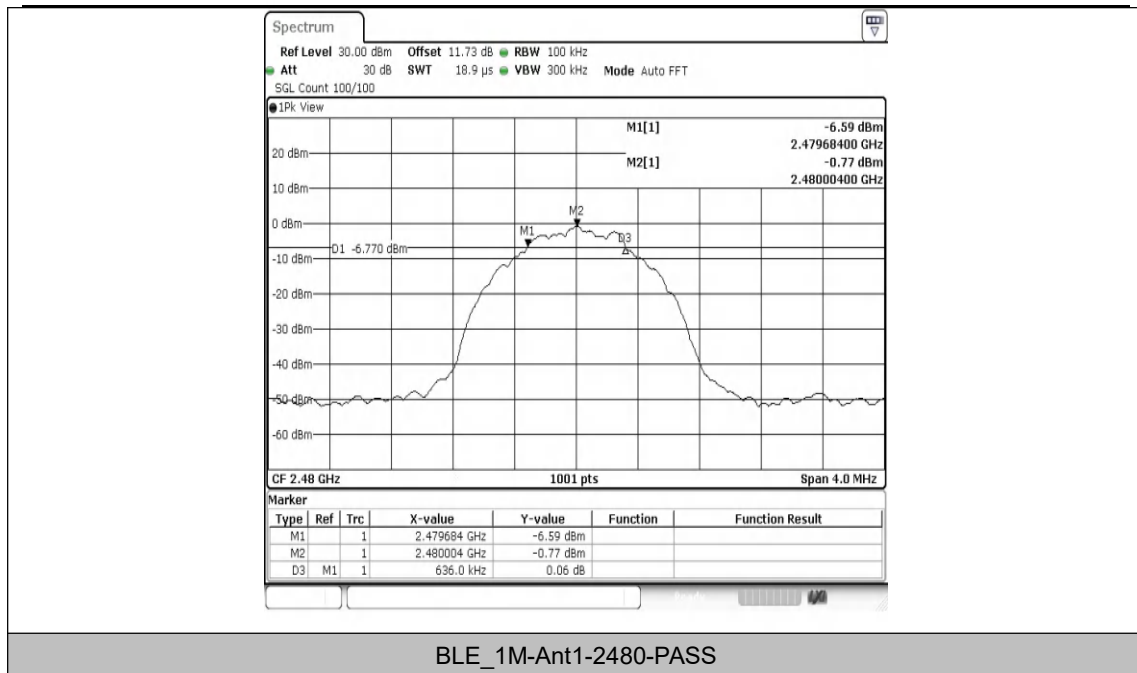
Test Graphs



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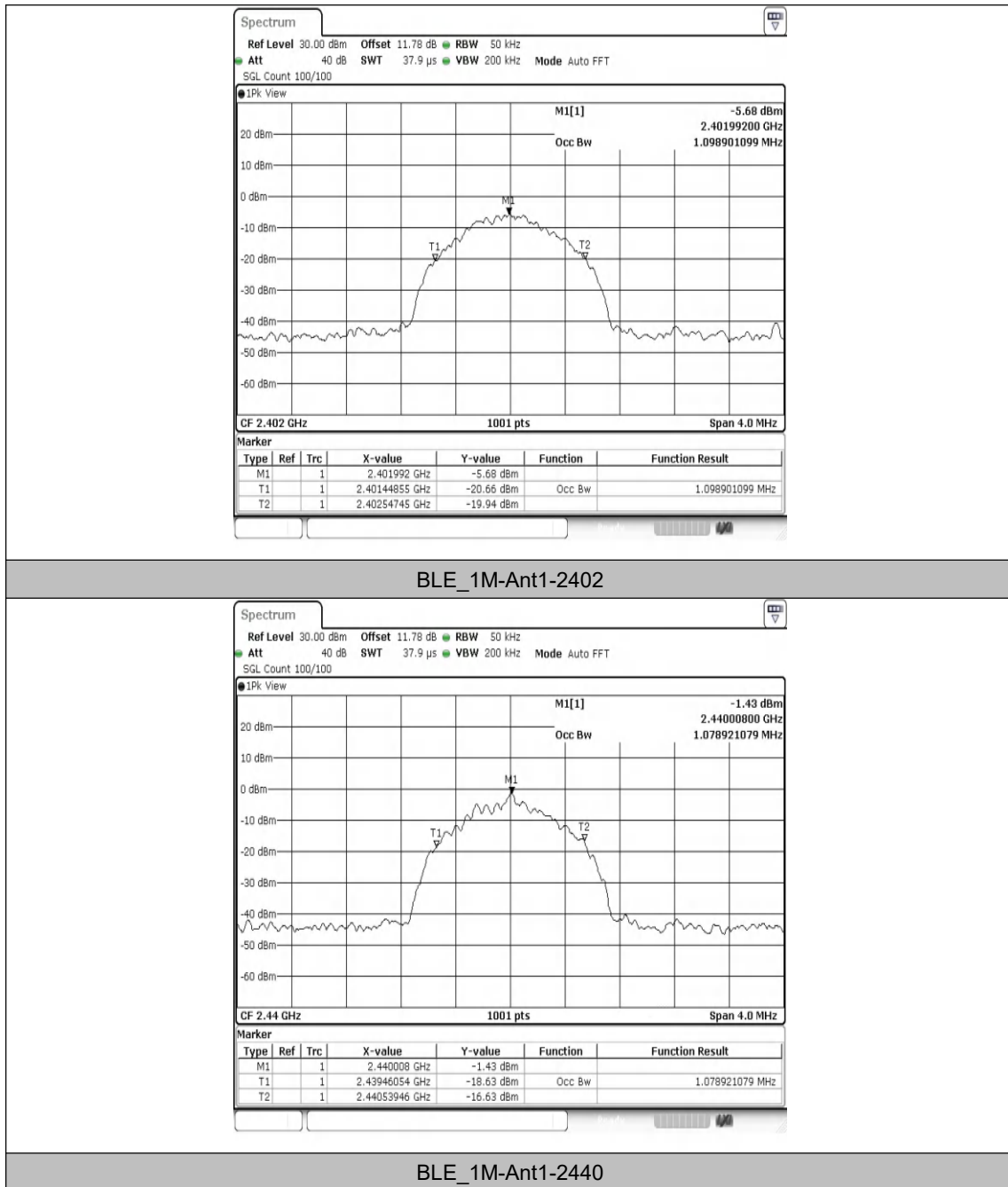
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.099	2401.4486	2402.5475	---	---
BLE_1M	Ant1	2440	1.079	2439.4605	2440.5395	---	---
BLE_1M	Ant1	2480	1.075	2479.4645	2480.5395	---	---

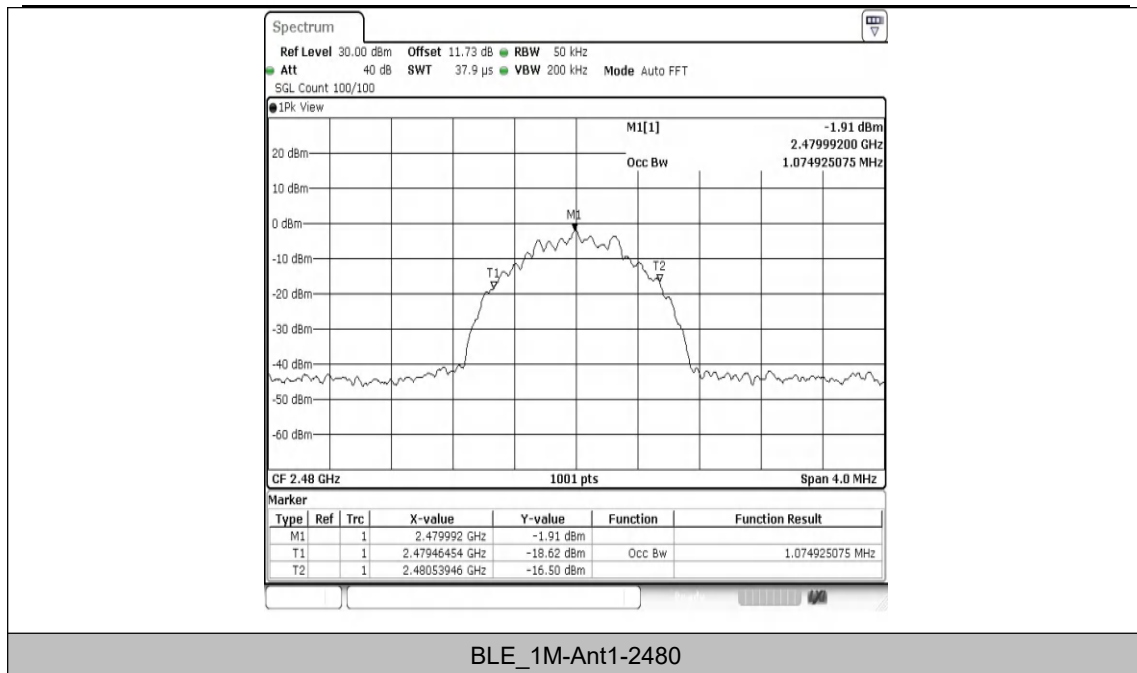
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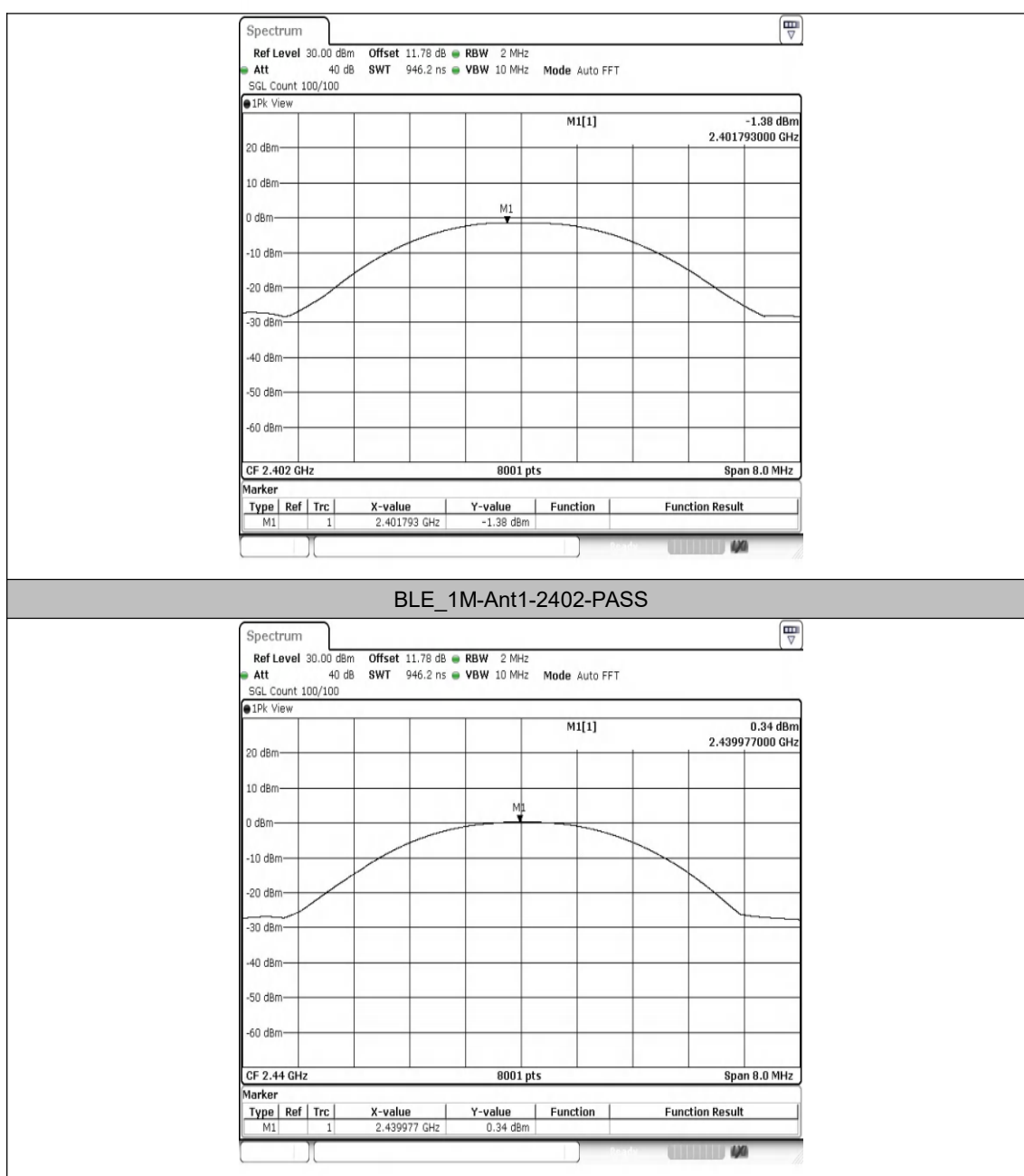
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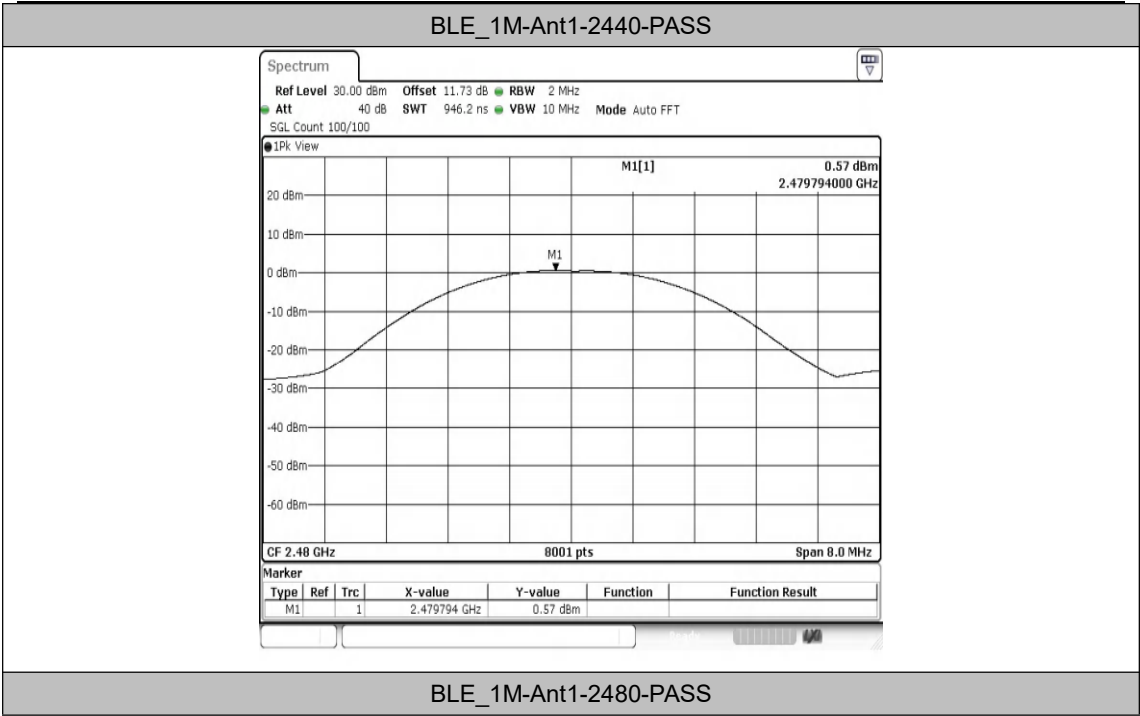
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.38	≤30	PASS
BLE_1M	Ant1	2440	0.34	≤30	PASS
BLE_1M	Ant1	2480	0.57	≤30	PASS

Test Graphs Peak





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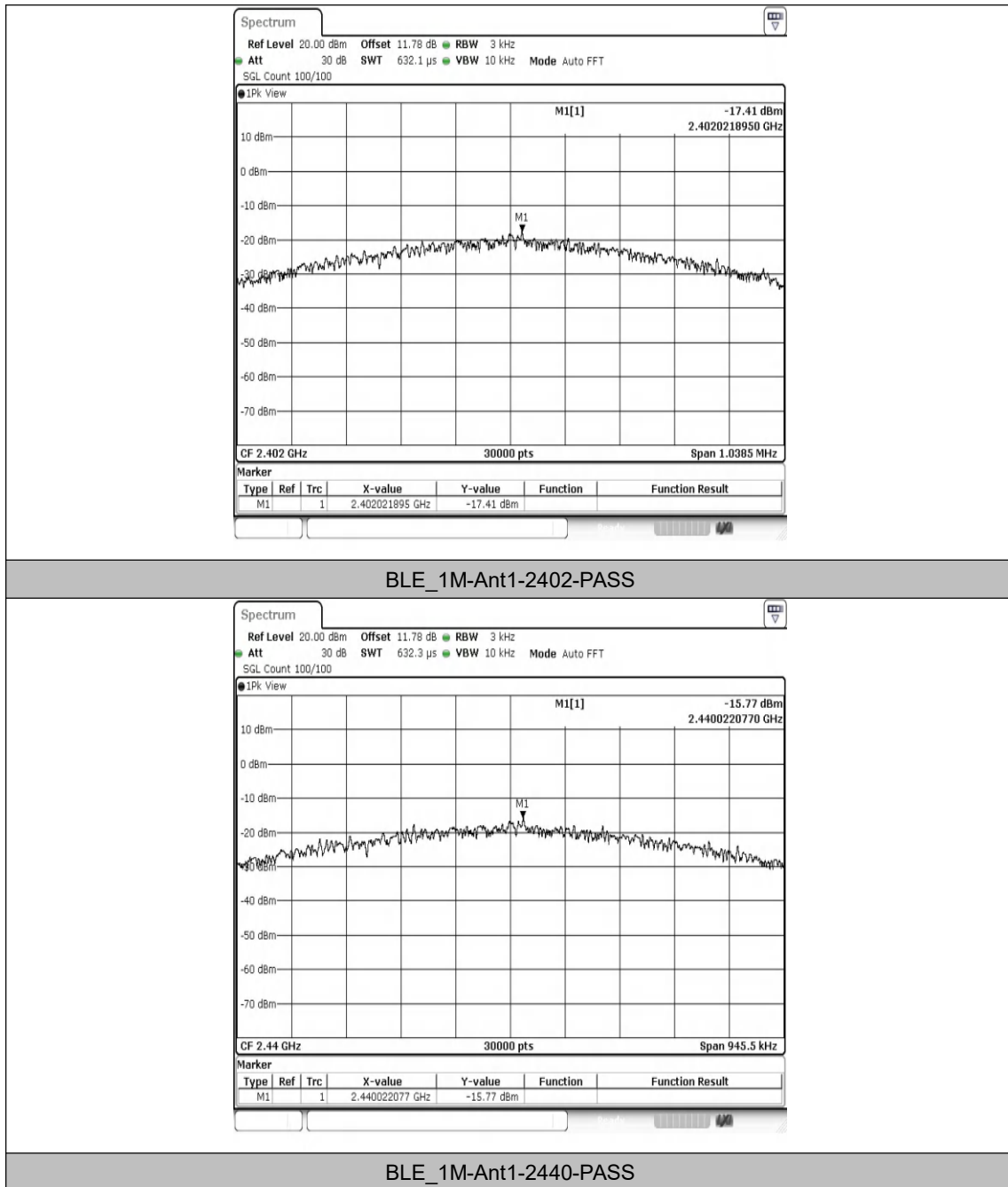
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.41	≤8.00	PASS
BLE_1M	Ant1	2440	-15.77	≤8.00	PASS
BLE_1M	Ant1	2480	-15.47	≤8.00	PASS

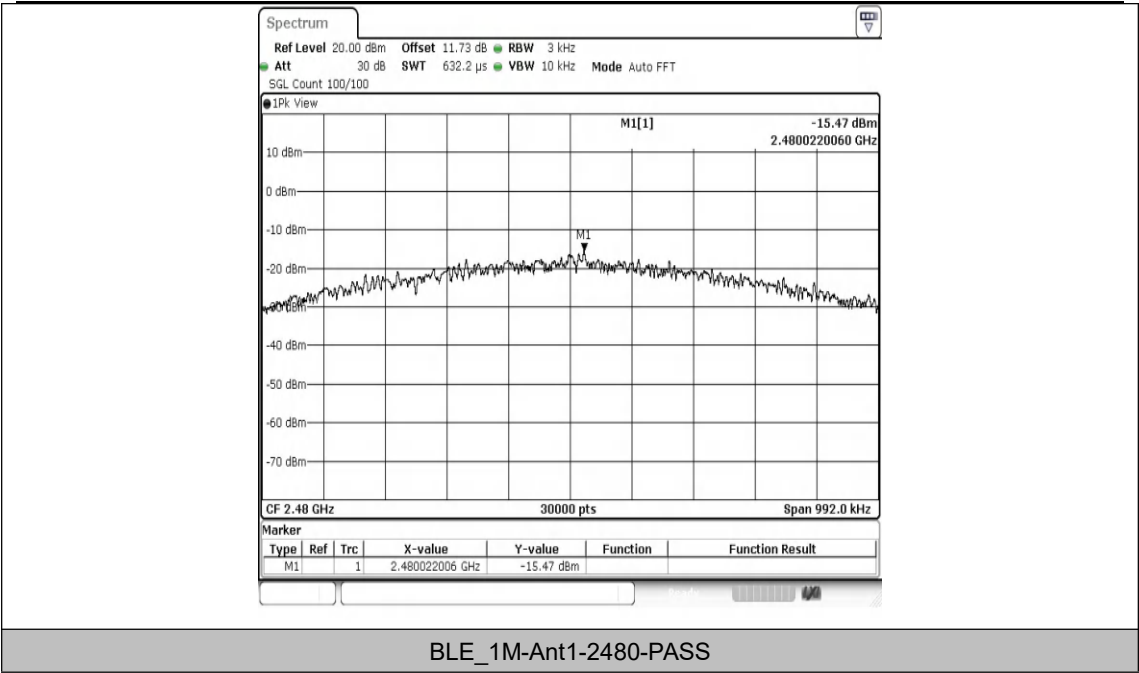
Test Graphs



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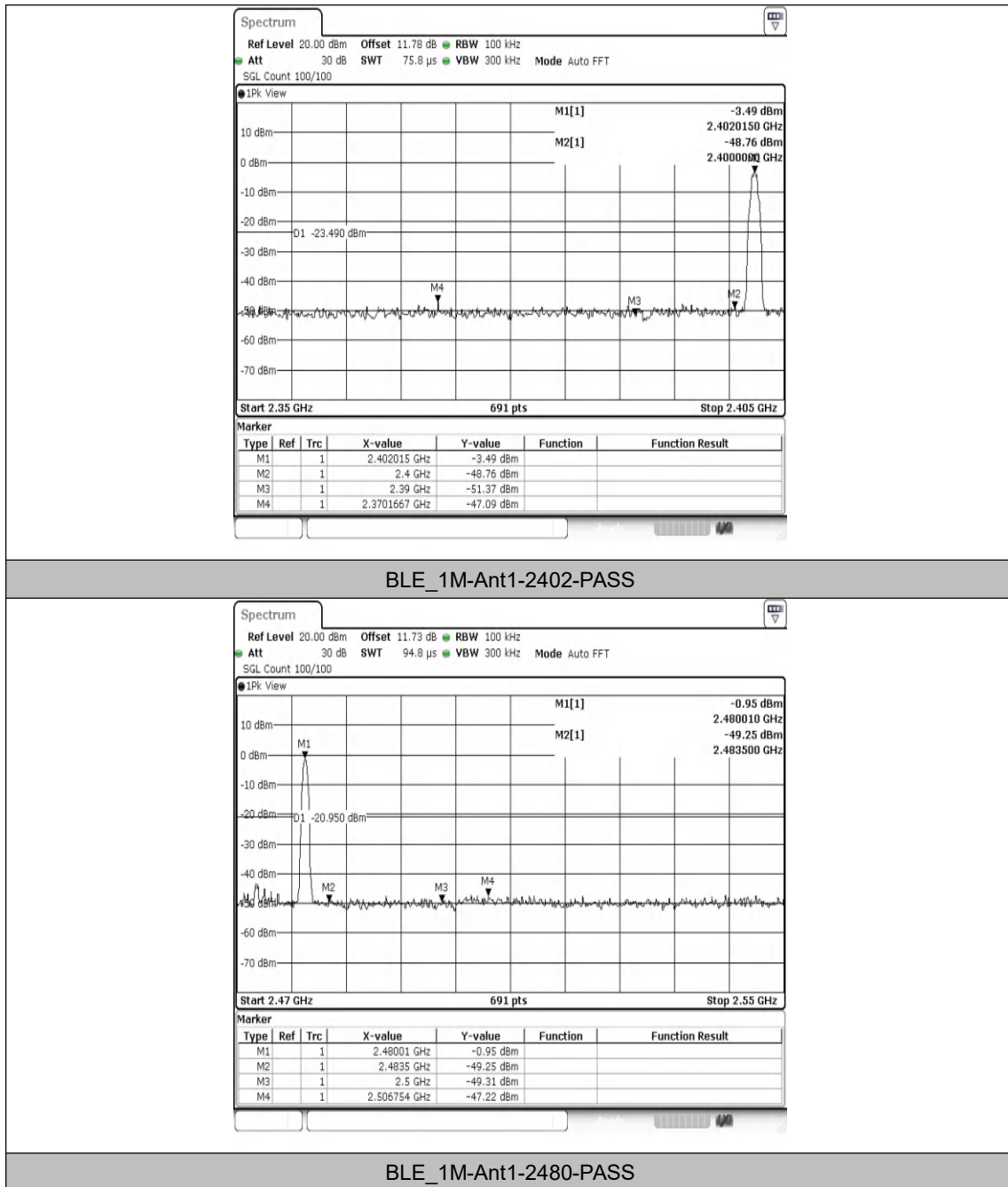
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.49	-47.09	≤-23.49	PASS
BLE_1M	Ant1	High	2480	-0.95	-47.22	≤-20.95	PASS

Test Graphs

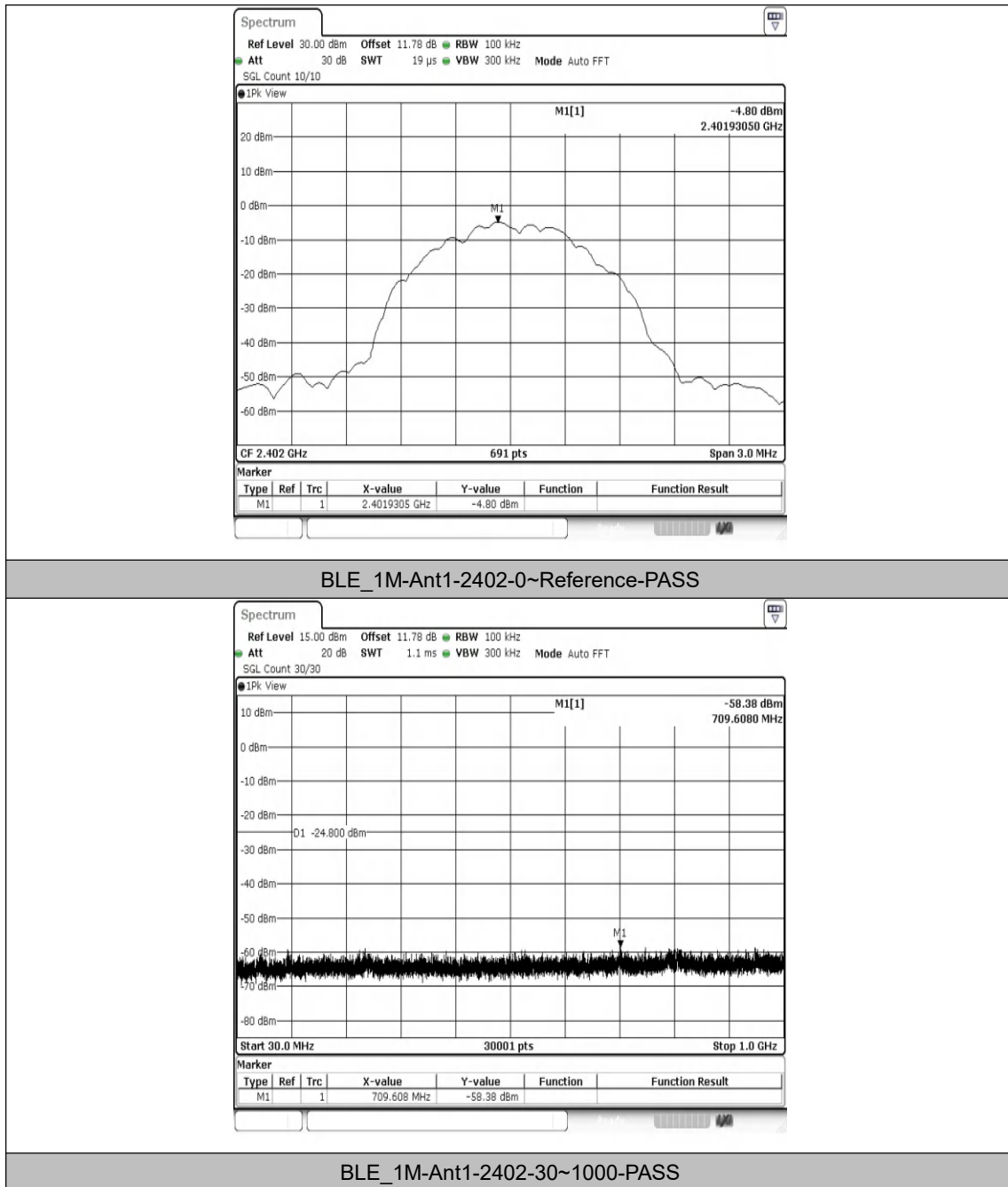


Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-4.80	-4.80	---	PASS
BLE_1M	Ant1	2402	30~1000	-4.80	-58.38	≤-24.8	PASS
BLE_1M	Ant1	2402	1000~26500	-4.80	-44.08	≤-24.8	PASS
BLE_1M	Ant1	2440	0~Reference	-1.42	-1.42	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.42	-57.62	≤-21.42	PASS
BLE_1M	Ant1	2440	1000~26500	-1.42	-43.81	≤-21.42	PASS
BLE_1M	Ant1	2480	0~Reference	-2.88	-2.88	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.88	-57.73	≤-22.88	PASS
BLE_1M	Ant1	2480	1000~26500	-2.88	-44.26	≤-22.88	PASS

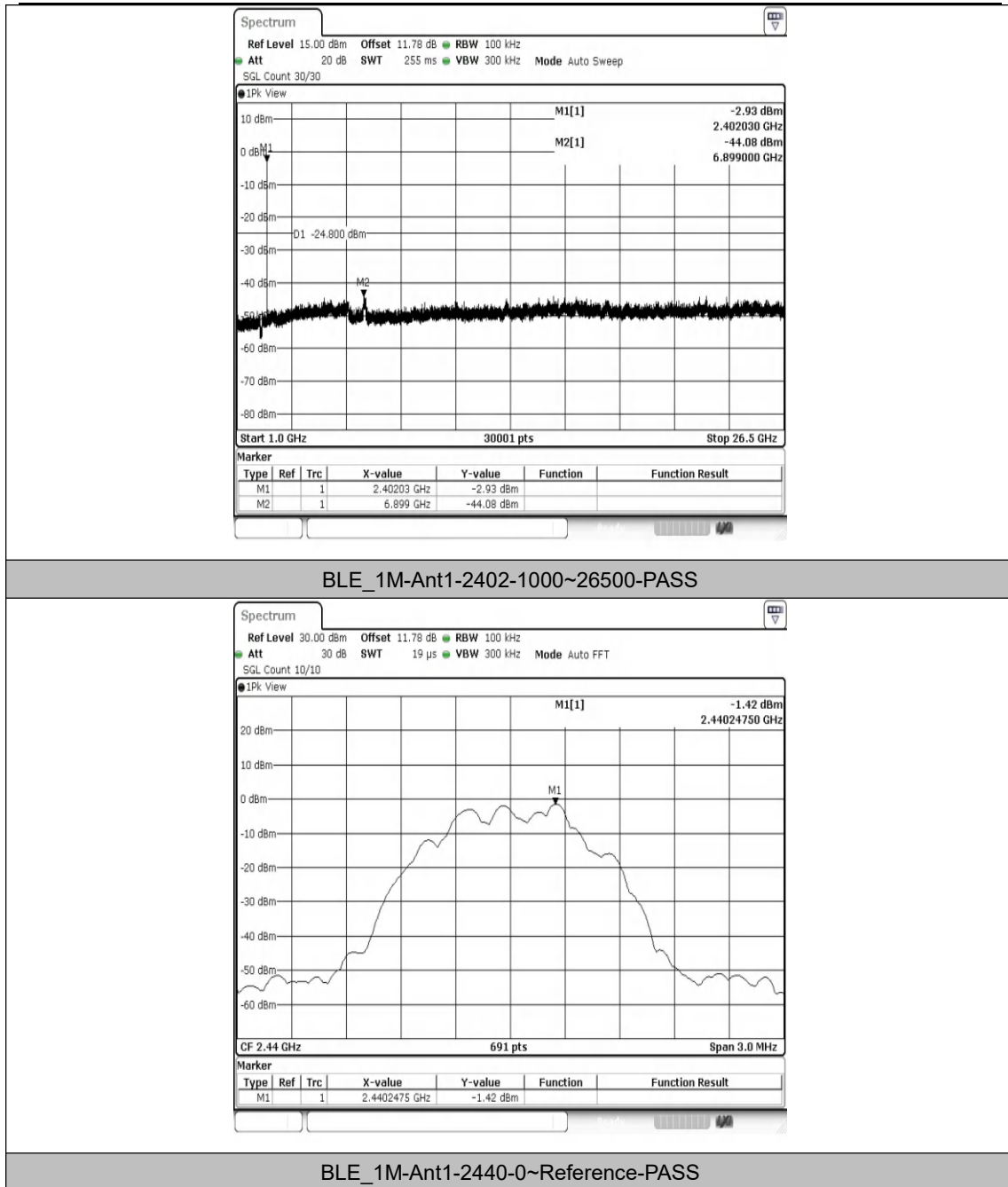
Test Graphs



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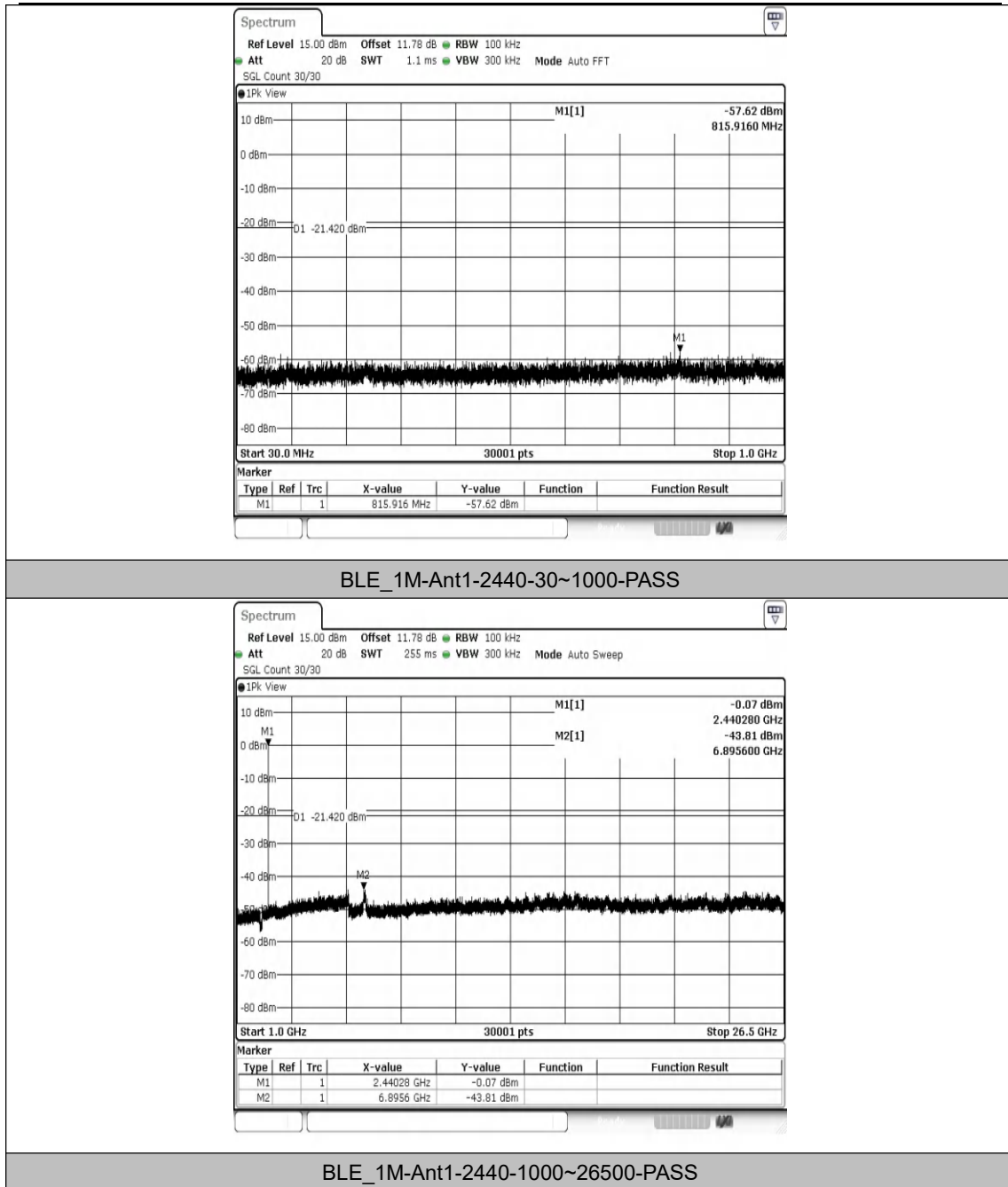
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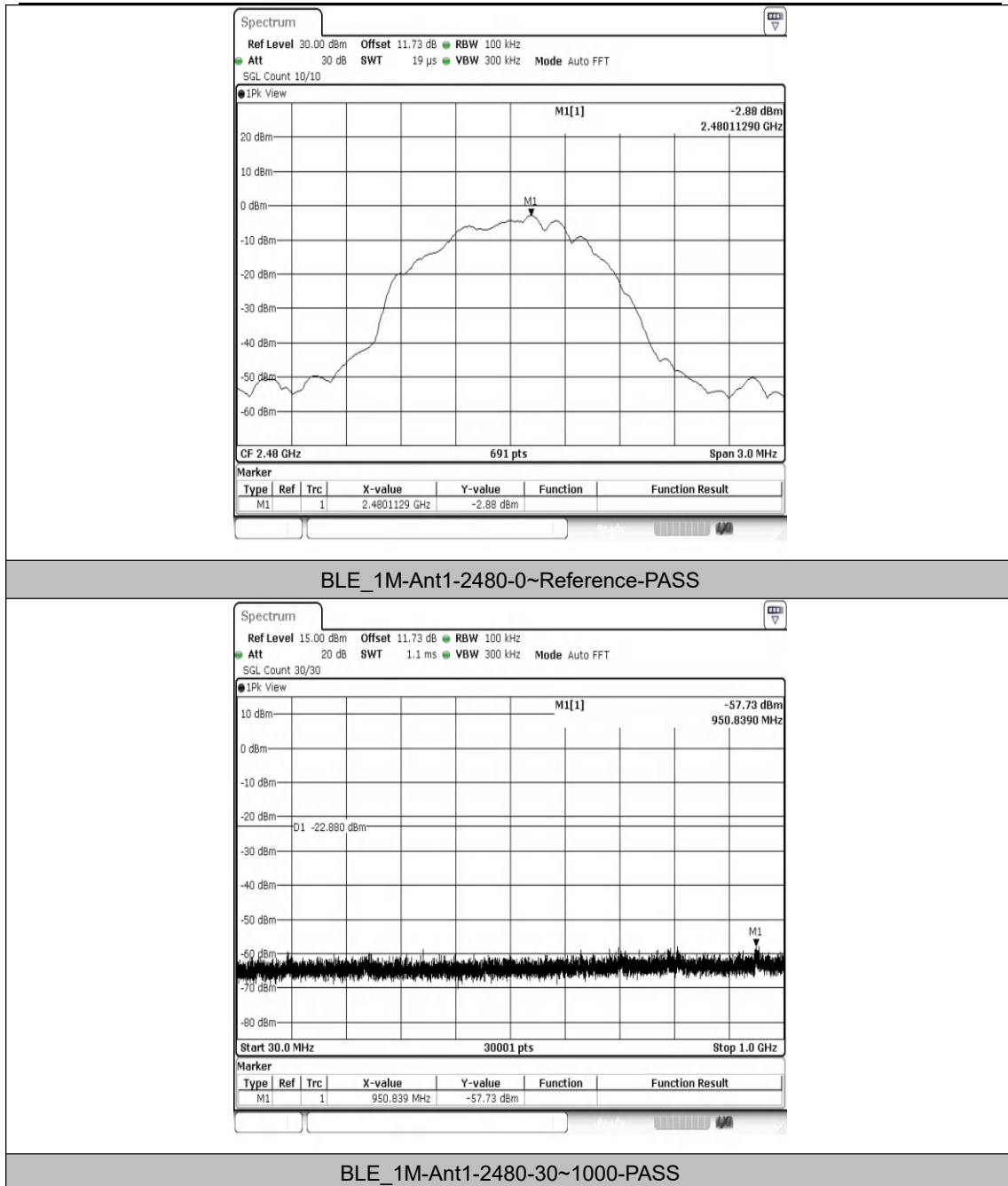
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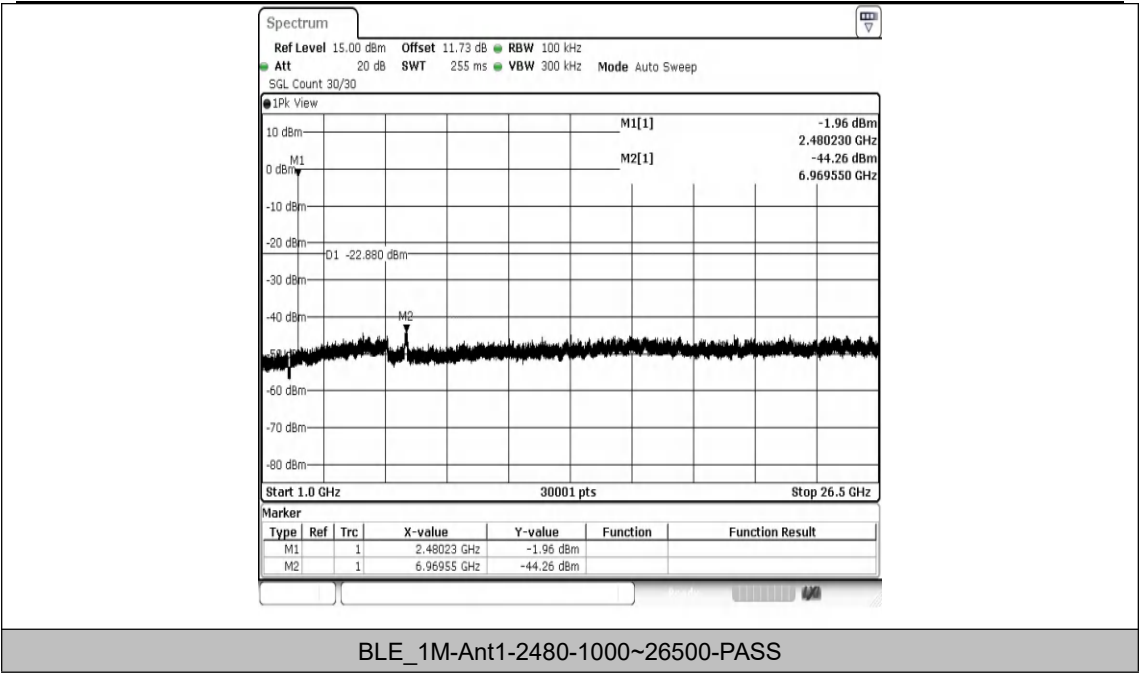
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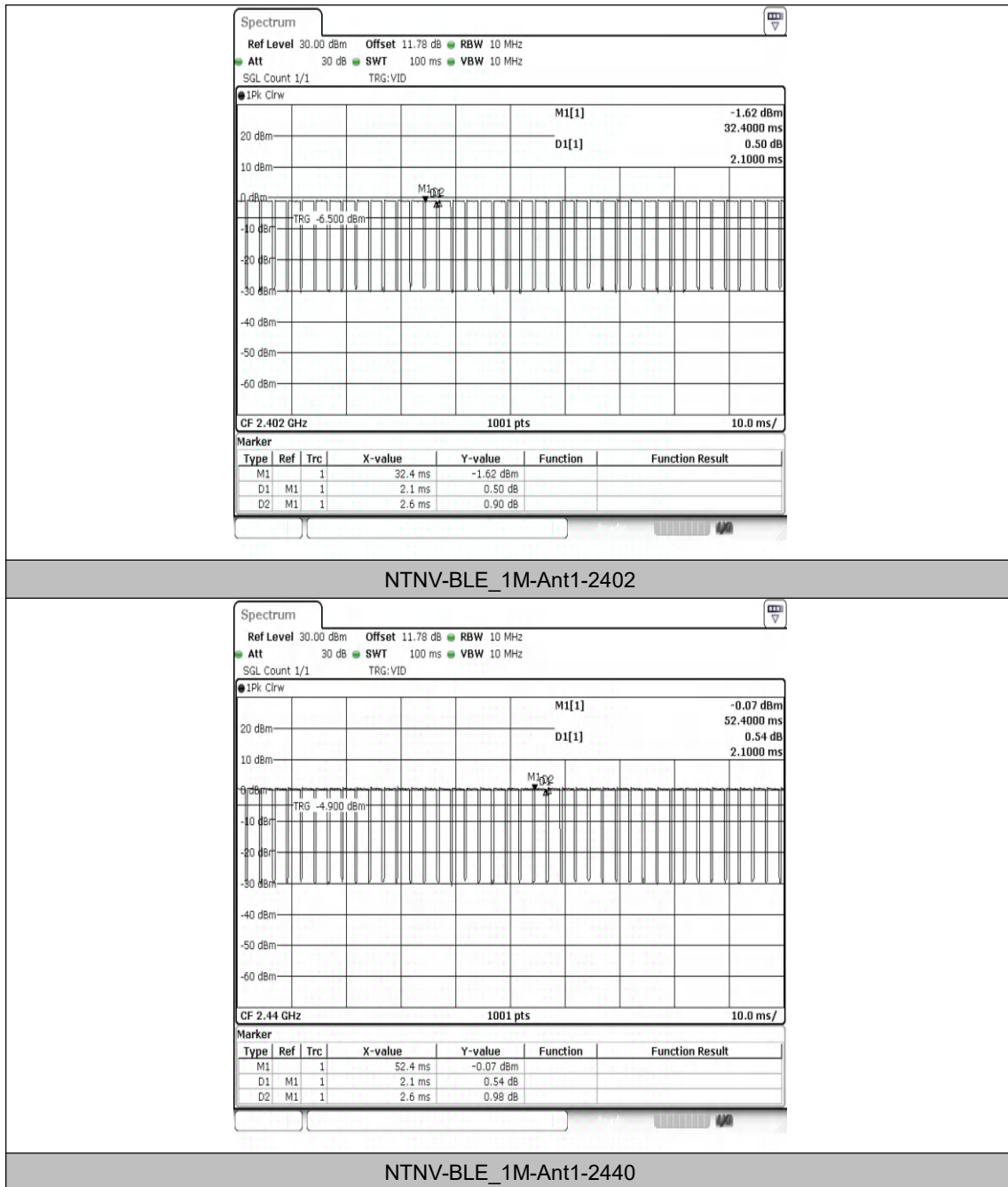


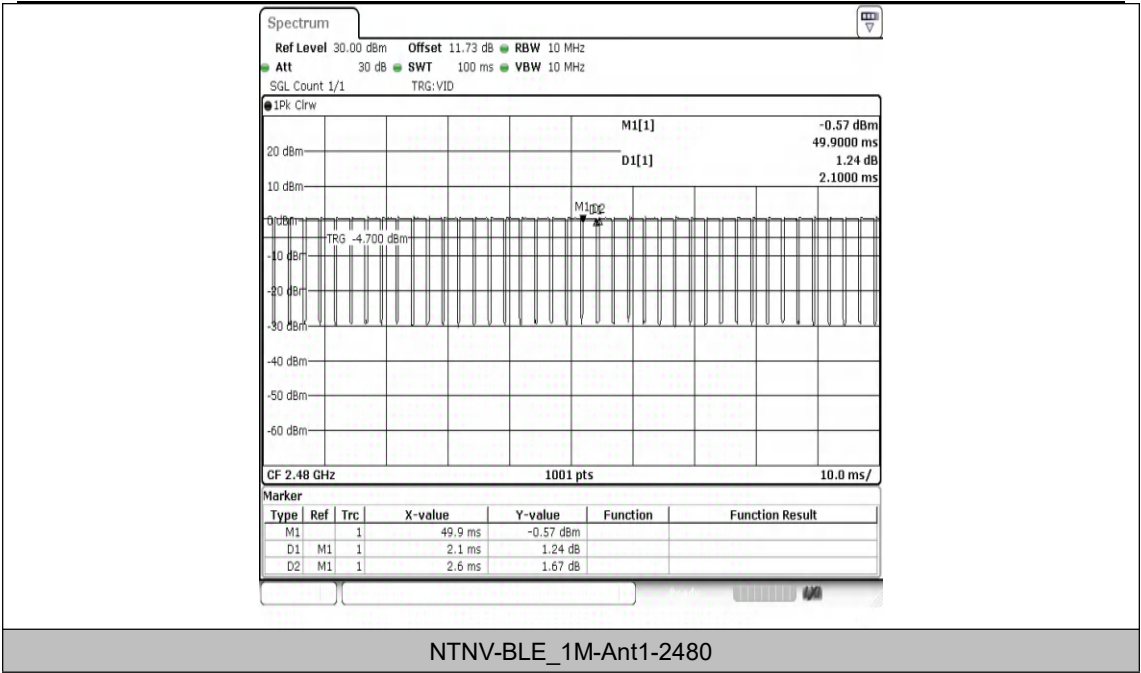
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.10	2.60	80.77	0.93
BLE_1M	Ant1	2440	2.10	2.60	80.77	0.93
BLE_1M	Ant1	2480	2.10	2.60	80.77	0.93

Test Graphs





---End---