

Appendix Test Data

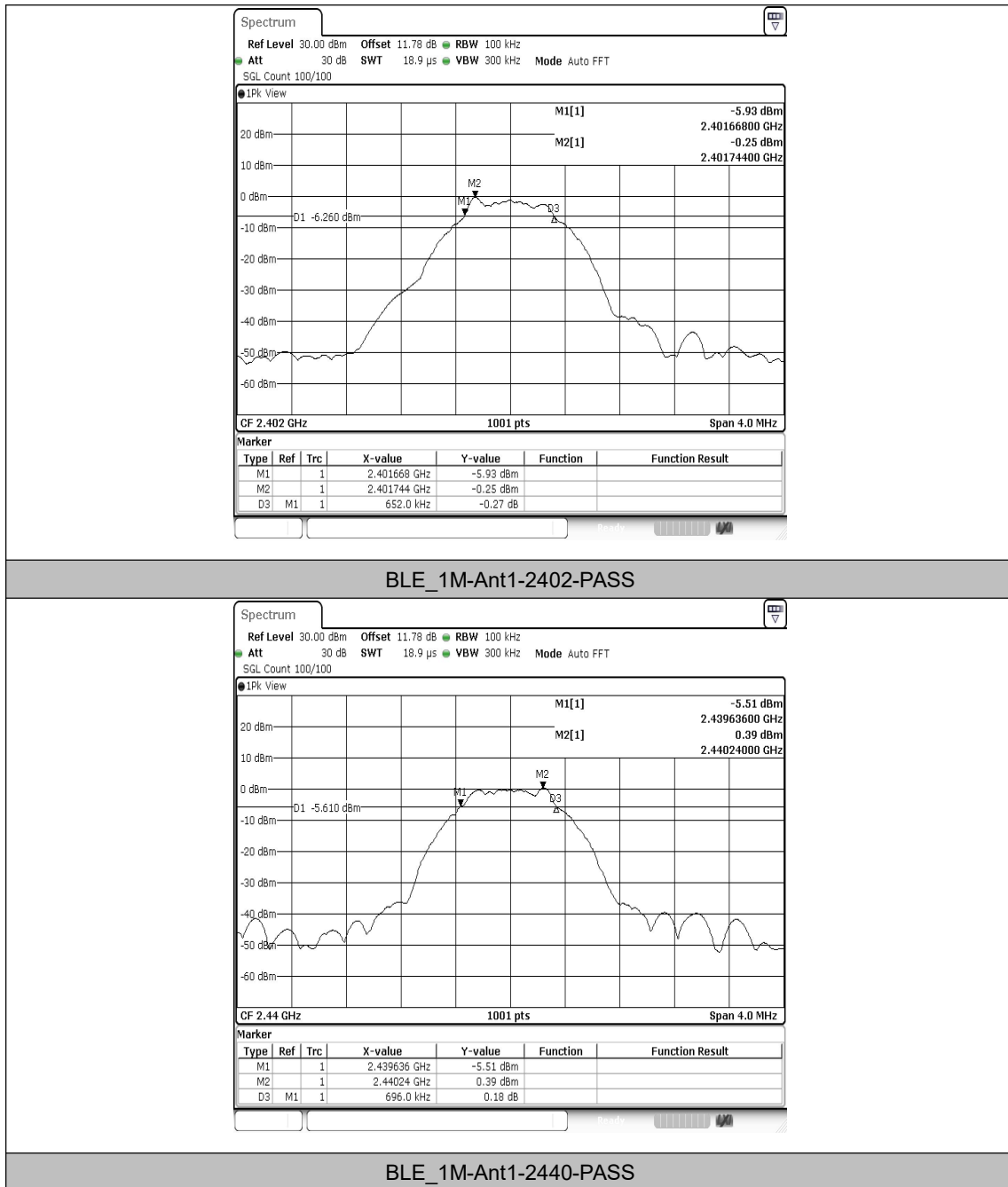
Report No.:	1813C50061112501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.24	Finish Test Date:	2025.3.17
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.7℃	Relative Humidity:	38%
Pressure:	101kPa		

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	0.65	2401.67	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.70	2439.64	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.67	2480.32	0.5	PASS

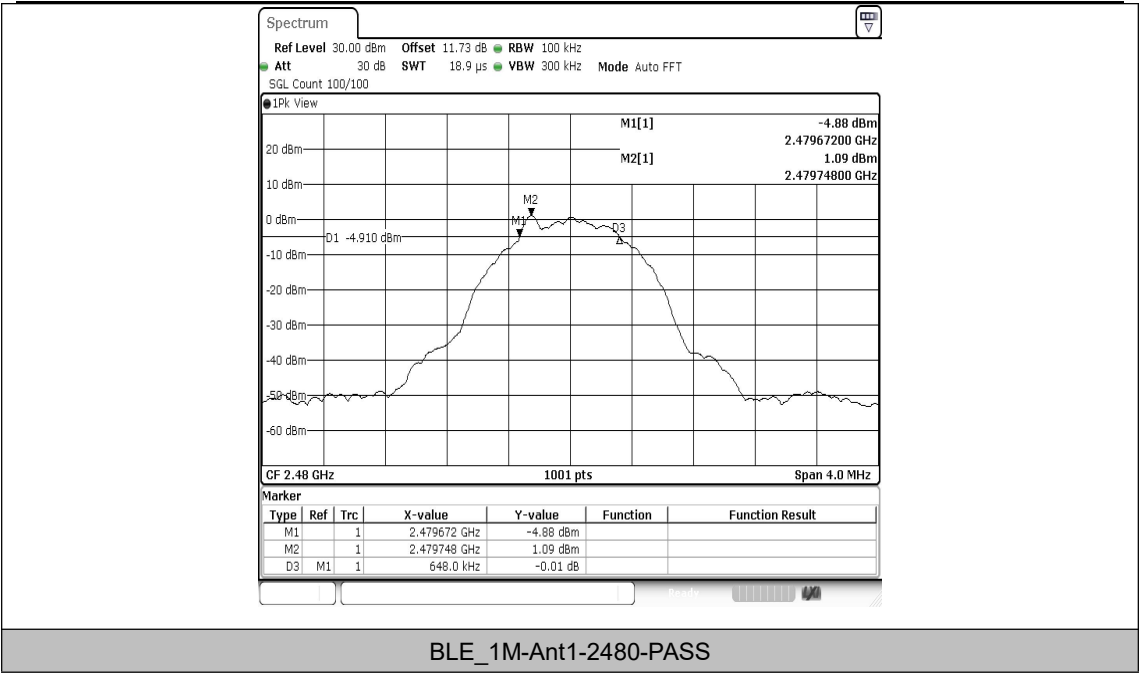
Test Graphs



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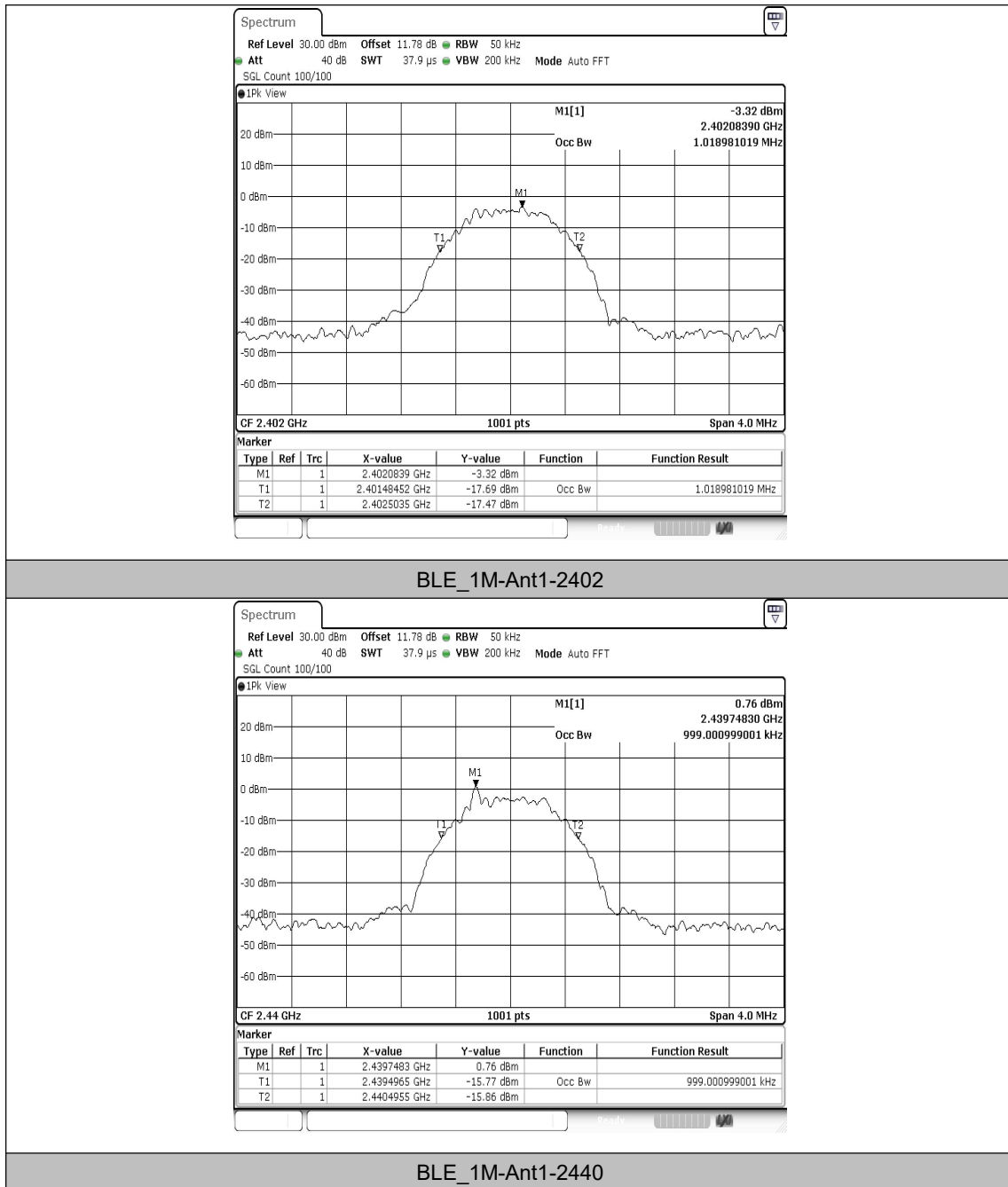
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
BLE_1M	Ant1	2402	1.019	2401.4845	2402.5035
BLE_1M	Ant1	2440	0.999	2439.4965	2440.4955
BLE_1M	Ant1	2480	1.015	2479.4965	2480.5115



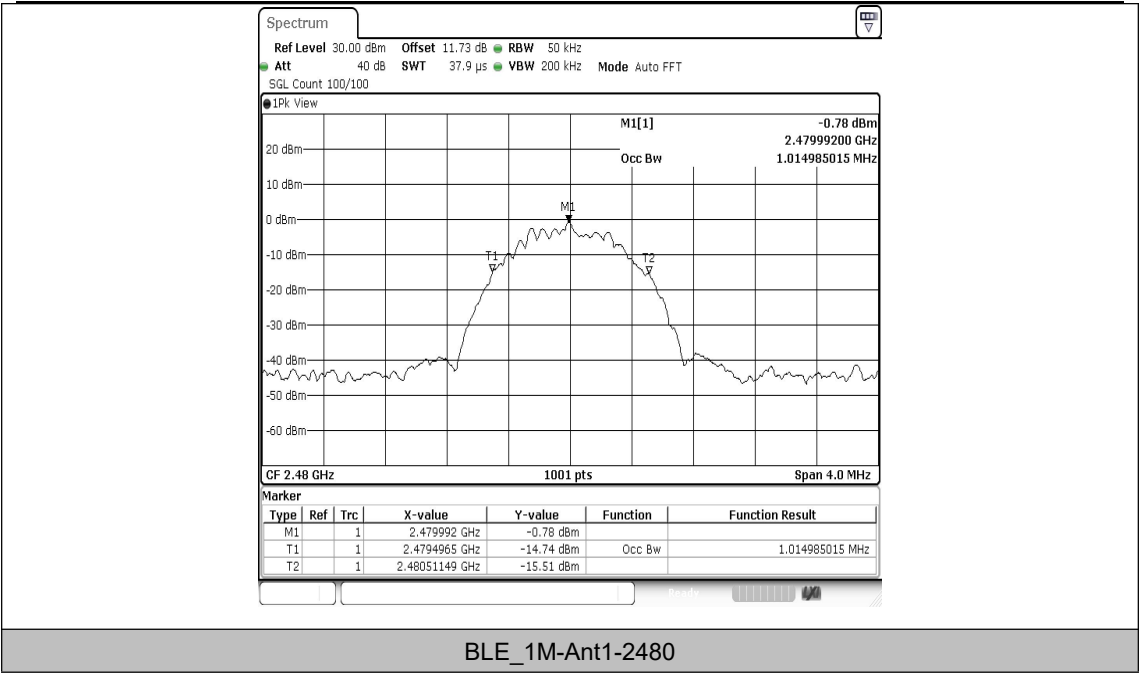
Test Graphs



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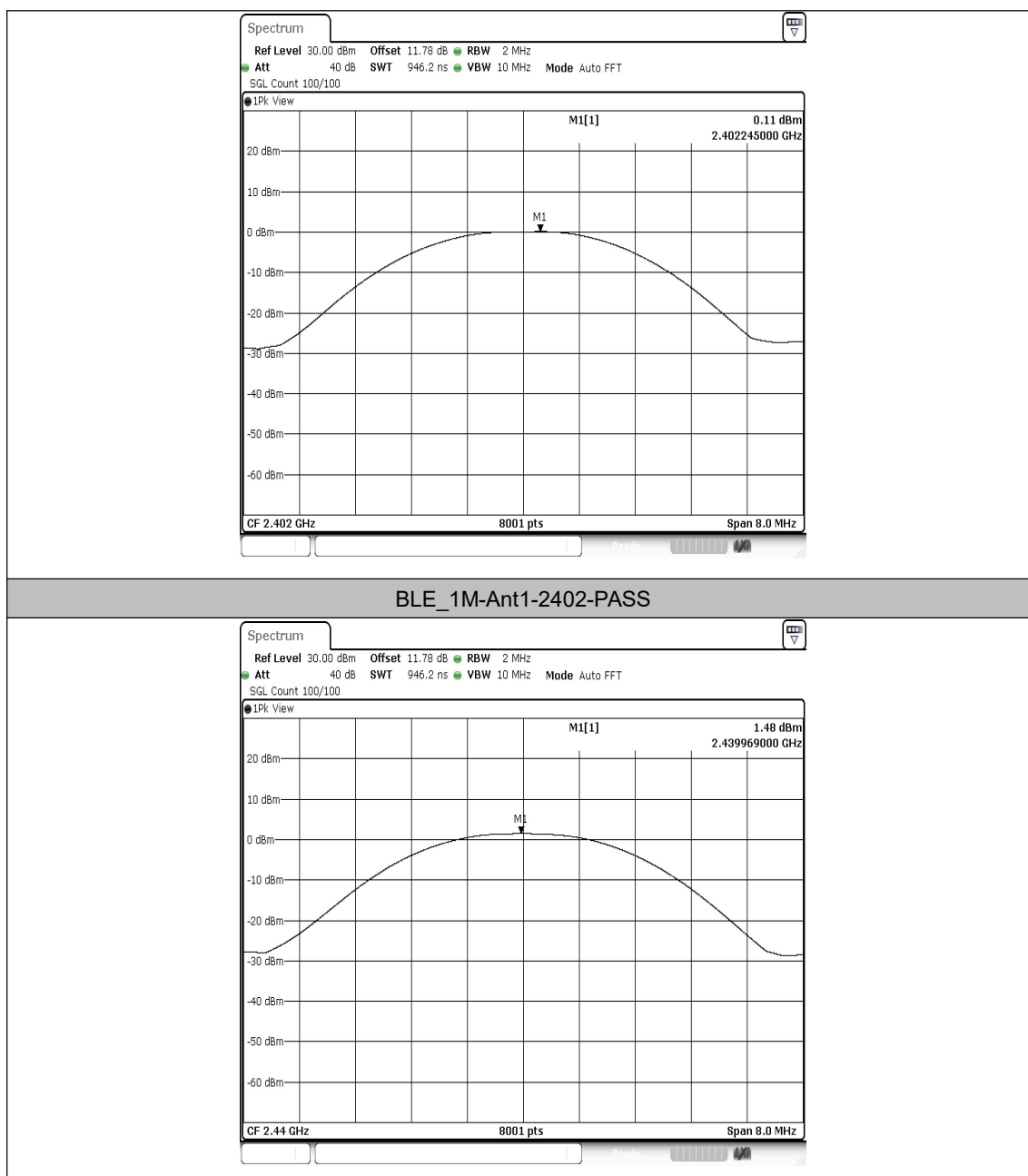
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.11	≤30	PASS
BLE_1M	Ant1	2440	1.48	≤30	PASS
BLE_1M	Ant1	2480	1.39	≤30	PASS

Test Graphs Peak



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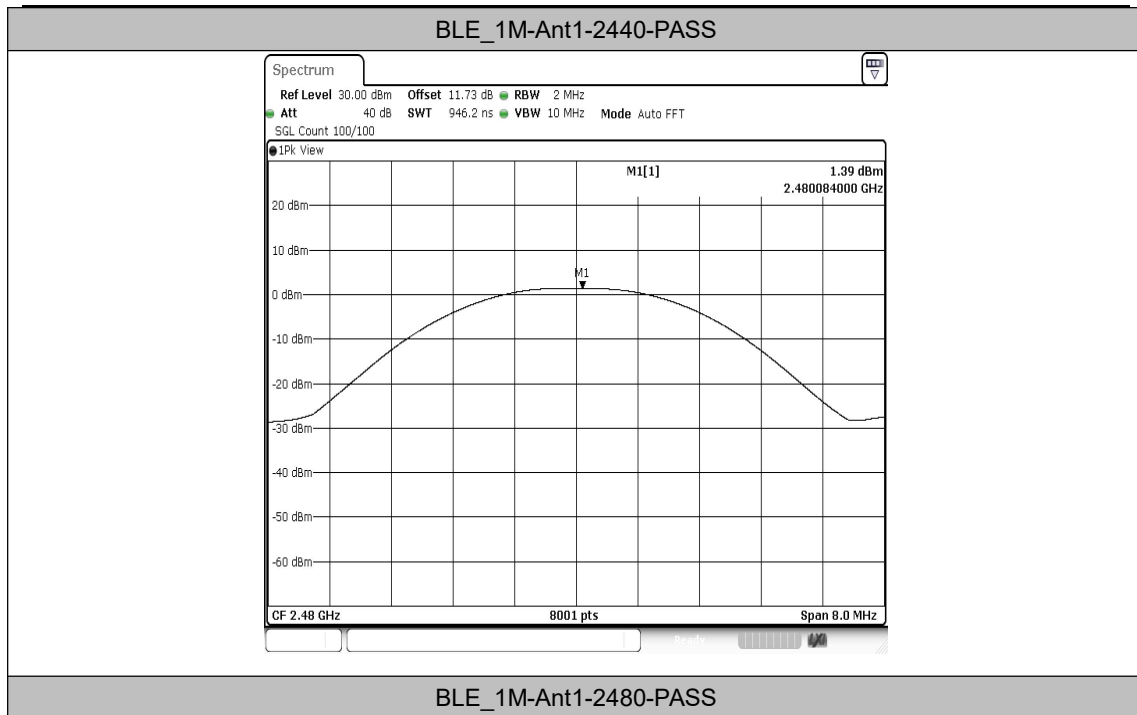
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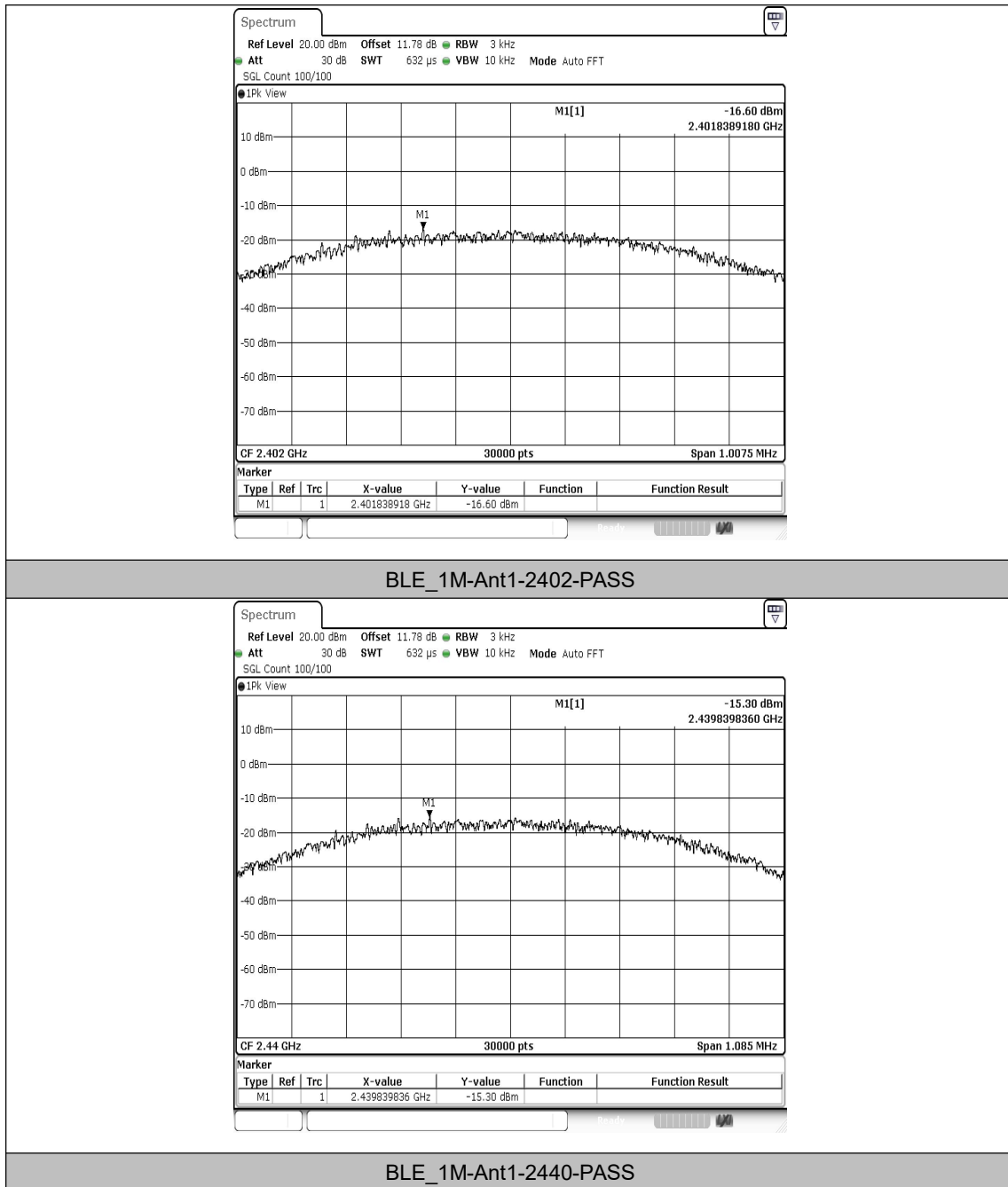
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.60	≤8.00	PASS
BLE_1M	Ant1	2440	-15.30	≤8.00	PASS
BLE_1M	Ant1	2480	-15.46	≤8.00	PASS

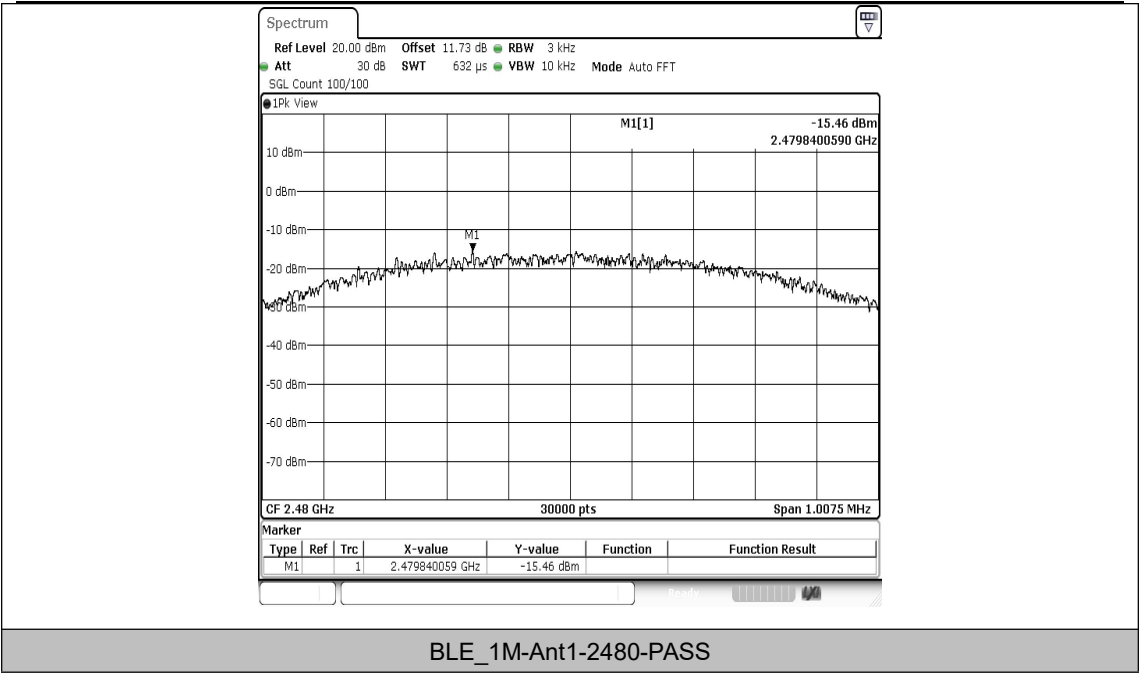
Test Graphs



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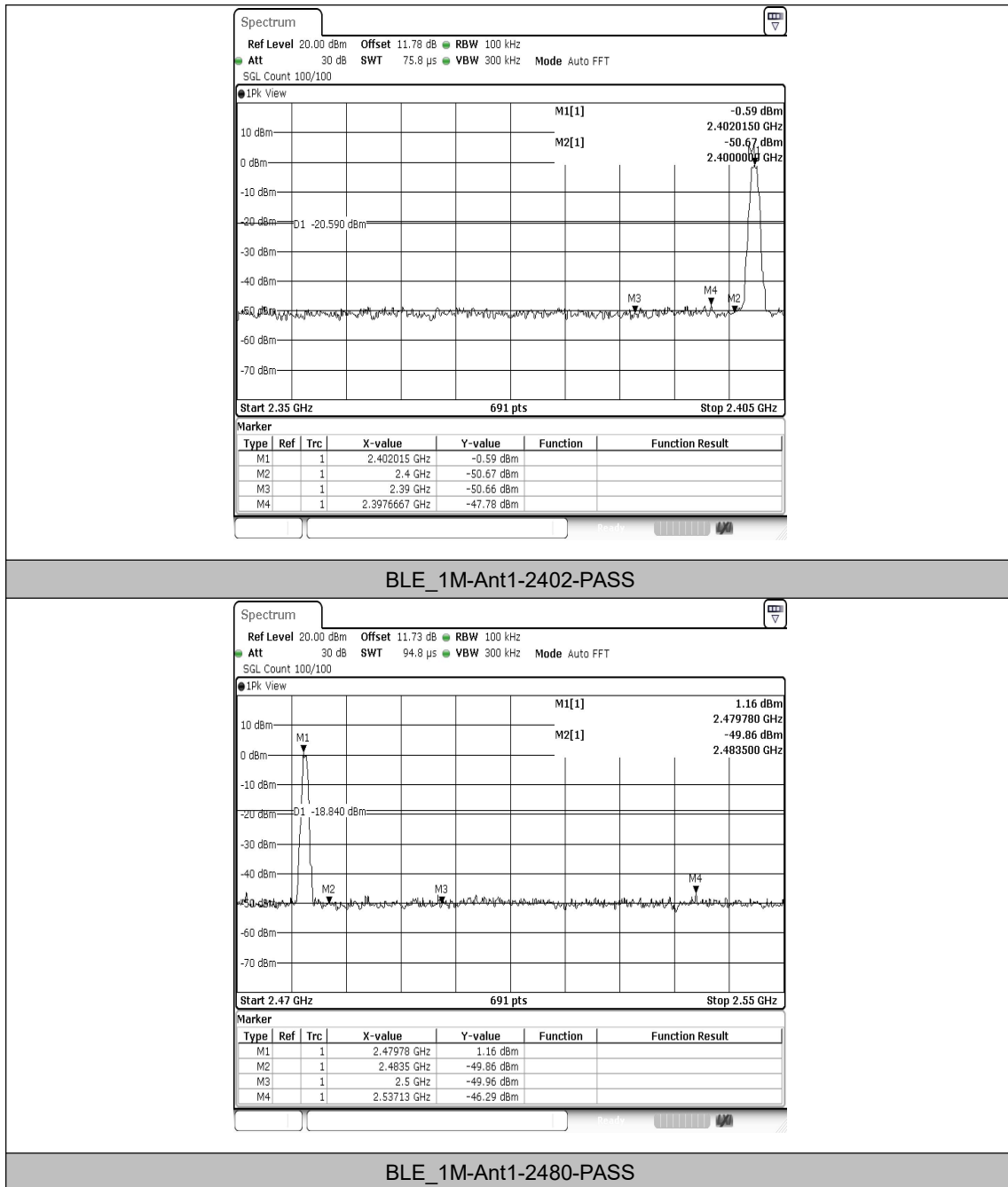
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.59	-47.78	≤-20.59	PASS
BLE_1M	Ant1	High	2480	1.16	-46.29	≤-18.84	PASS

Test Graphs



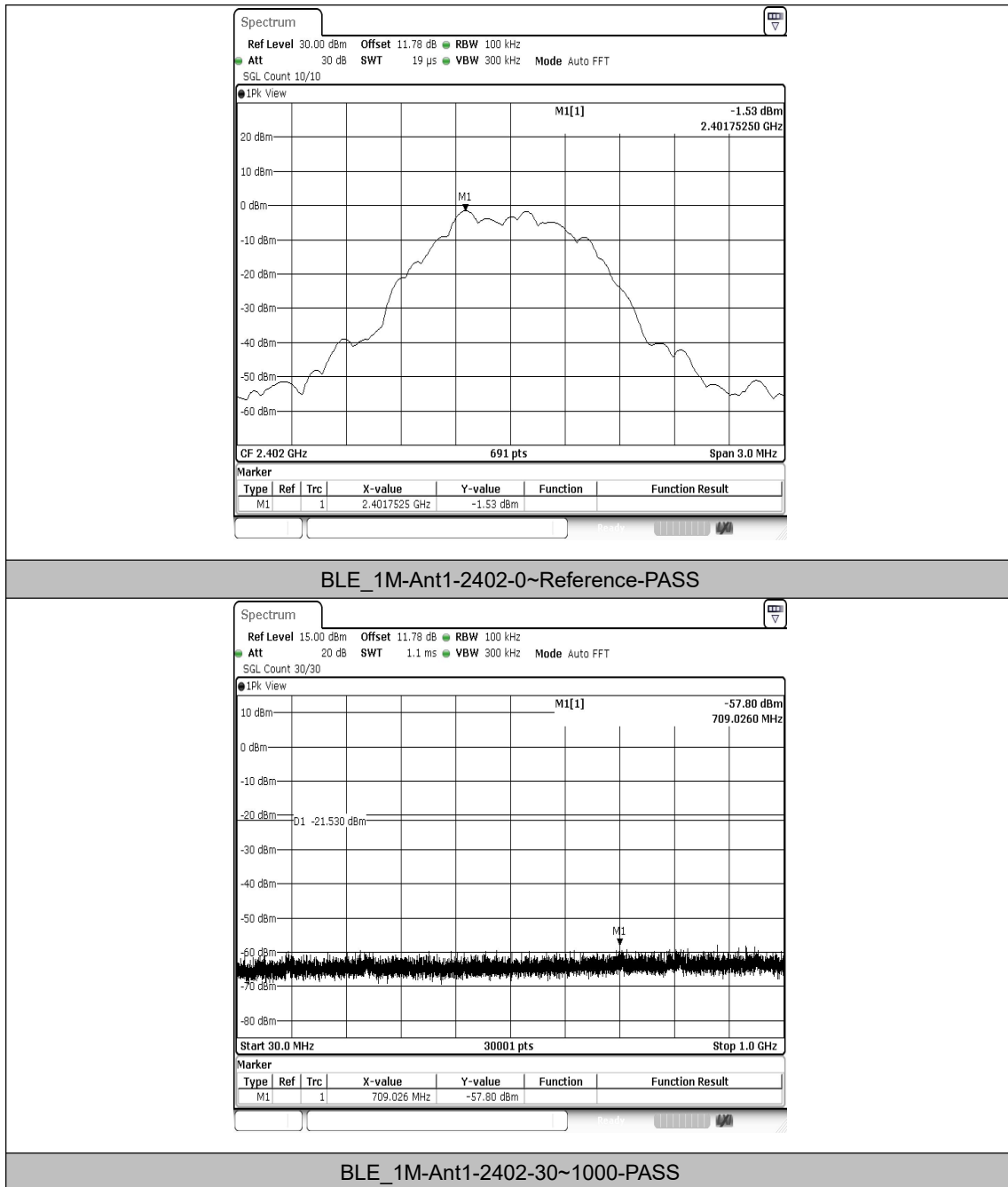
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.53	-1.53	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.53	-57.8	≤-21.53	PASS
BLE_1M	Ant1	2402	1000~26500	-1.53	-44.03	≤-21.53	PASS
BLE_1M	Ant1	2440	0~Reference	-1.36	-1.36	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.36	-31.83	≤-21.36	PASS
BLE_1M	Ant1	2440	1000~26500	-1.36	-43.81	≤-21.36	PASS
BLE_1M	Ant1	2480	0~Reference	-0.43	-0.43	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.43	-58.28	≤-20.43	PASS
BLE_1M	Ant1	2480	1000~26500	-0.43	-43.78	≤-20.43	PASS



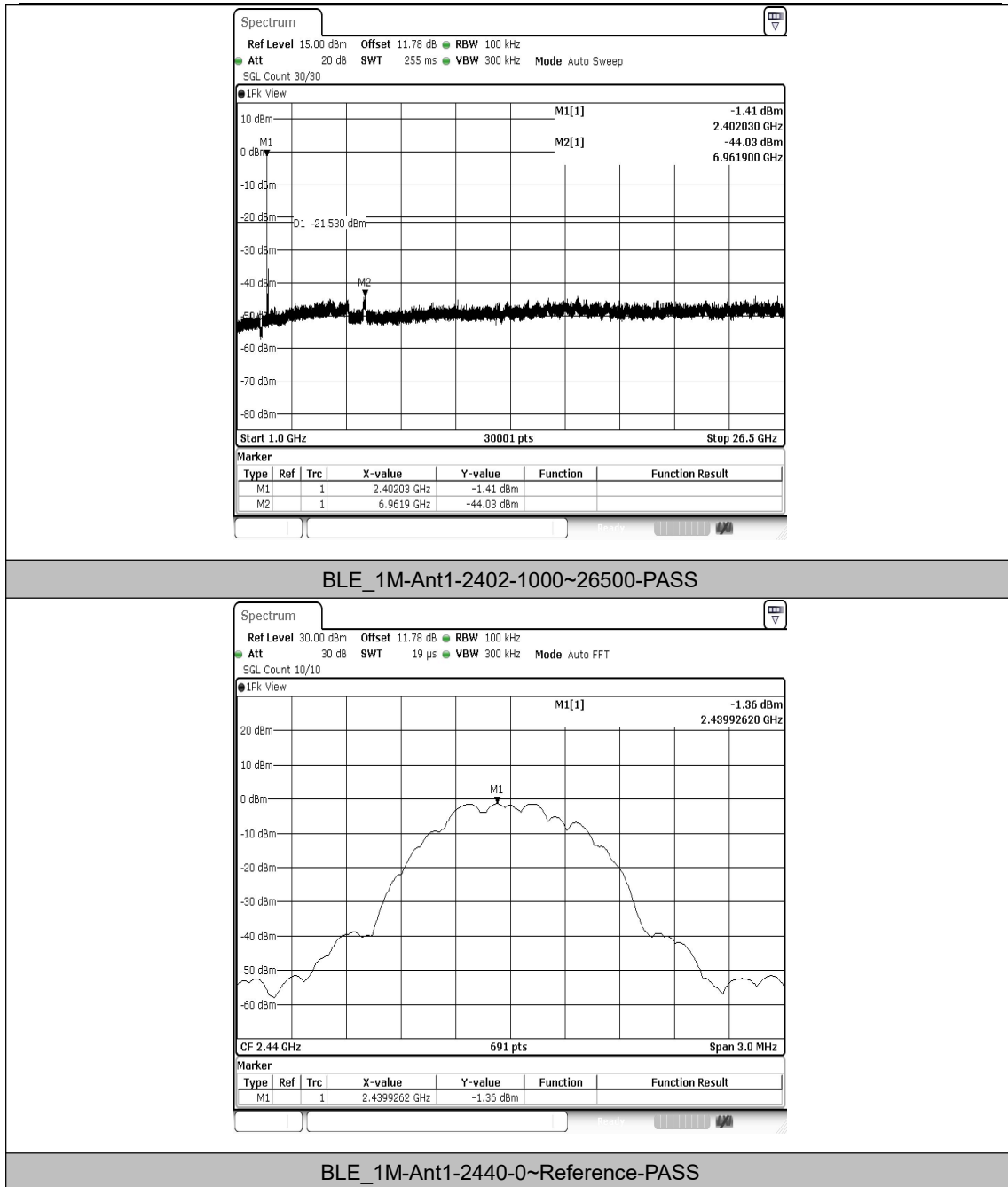
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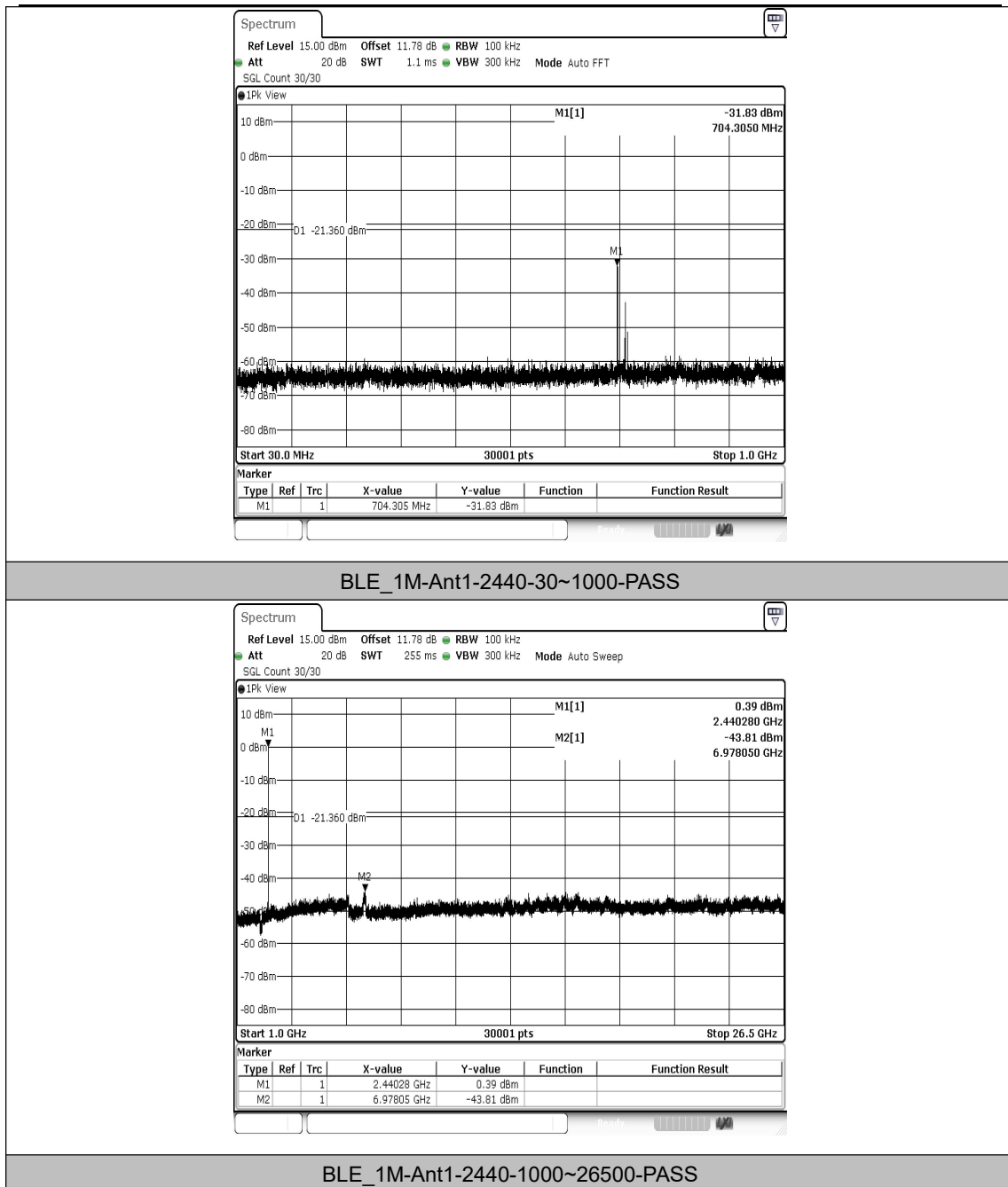
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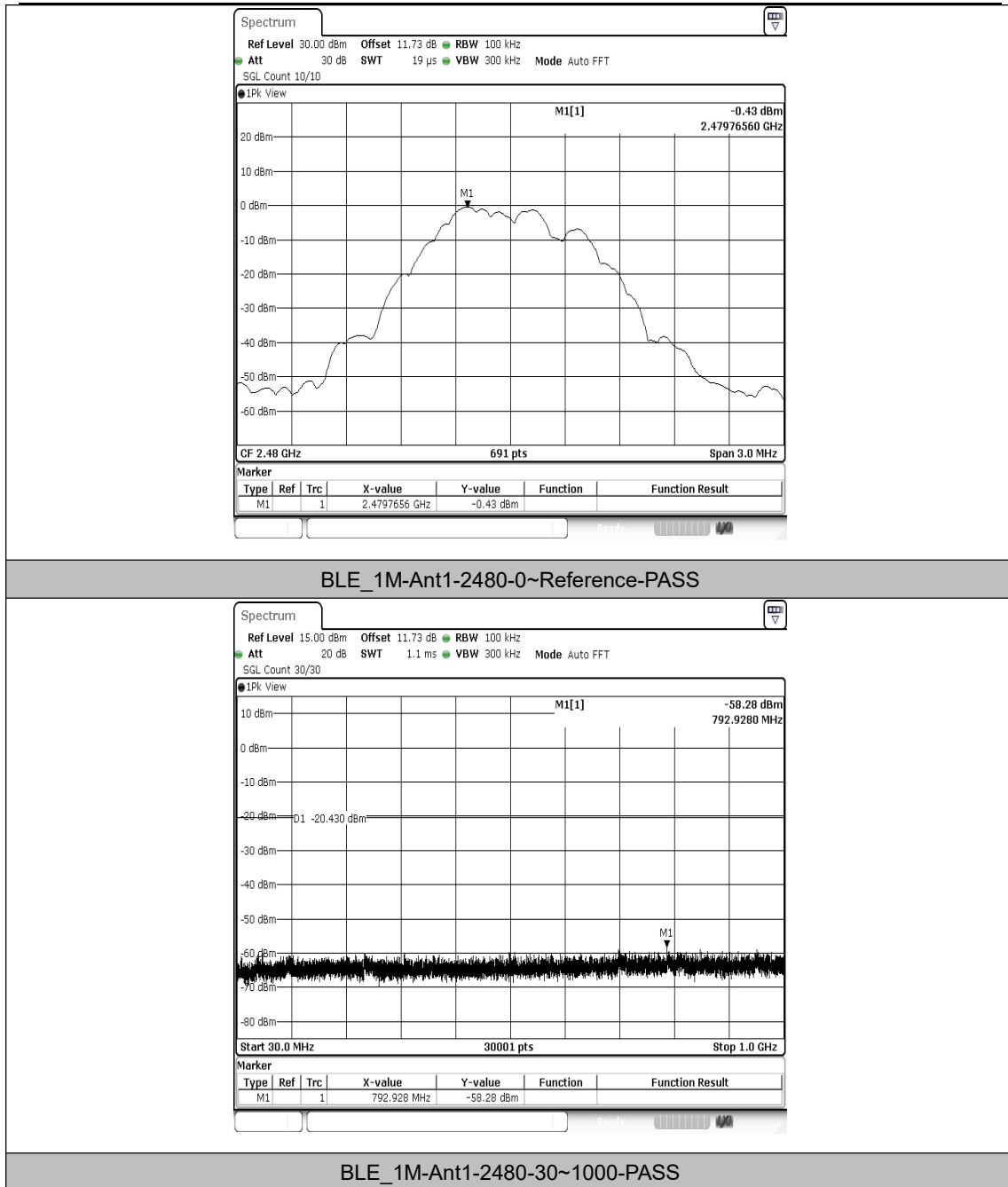
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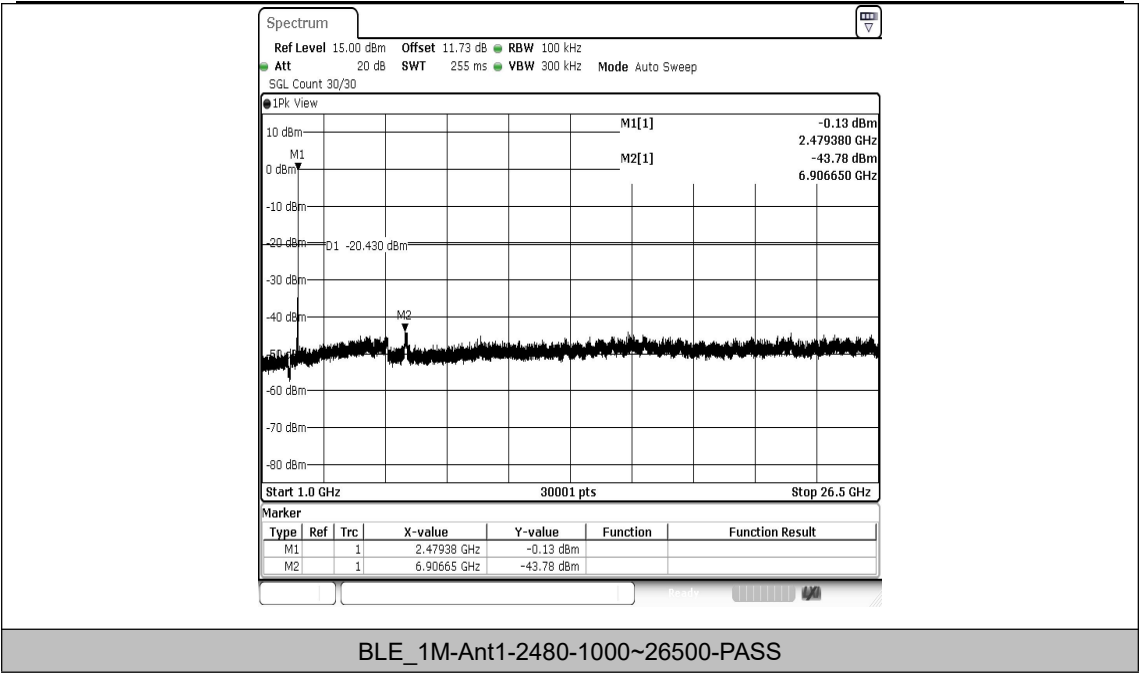
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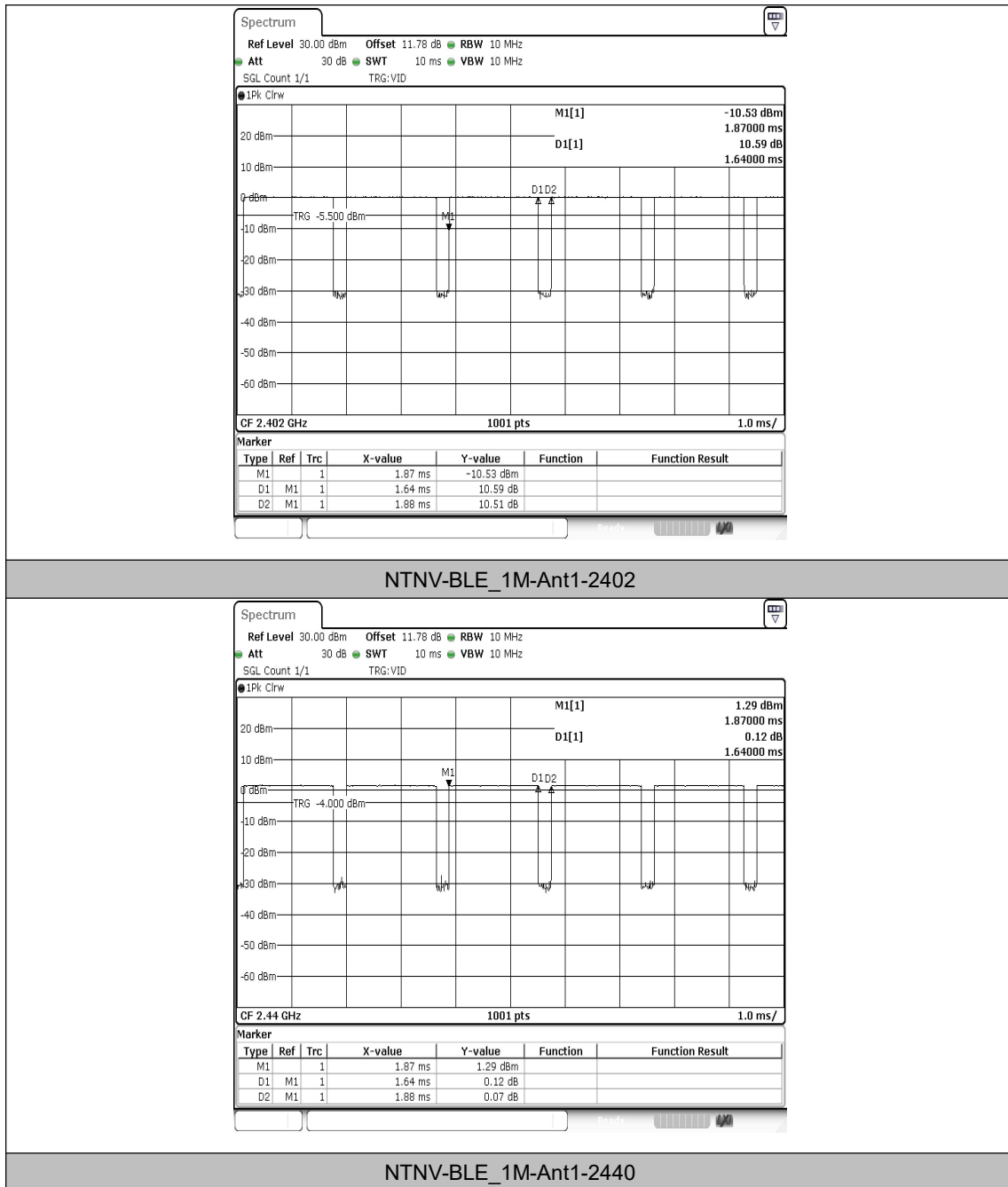
Appendix G: Duty Cycle

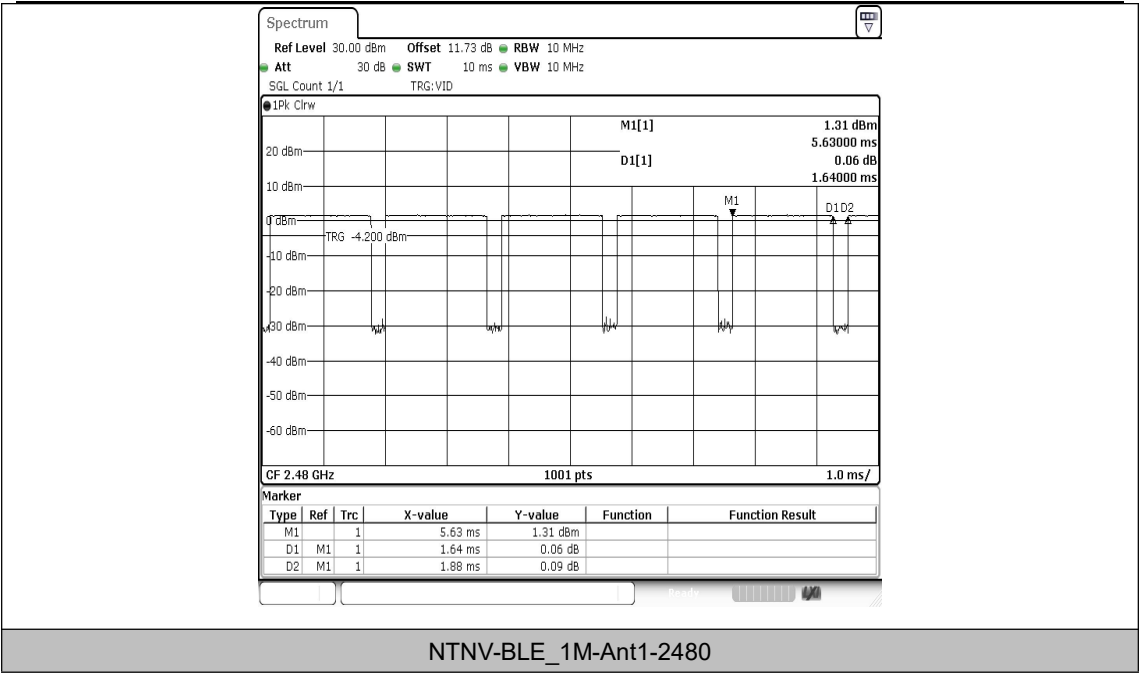
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	1.64	1.88	87.23	0.59
BLE_1M	Ant1	2440	1.64	1.88	87.23	0.59
BLE_1M	Ant1	2480	1.64	1.88	87.23	0.59



Test Graphs





---End---