

Appendix Test Data

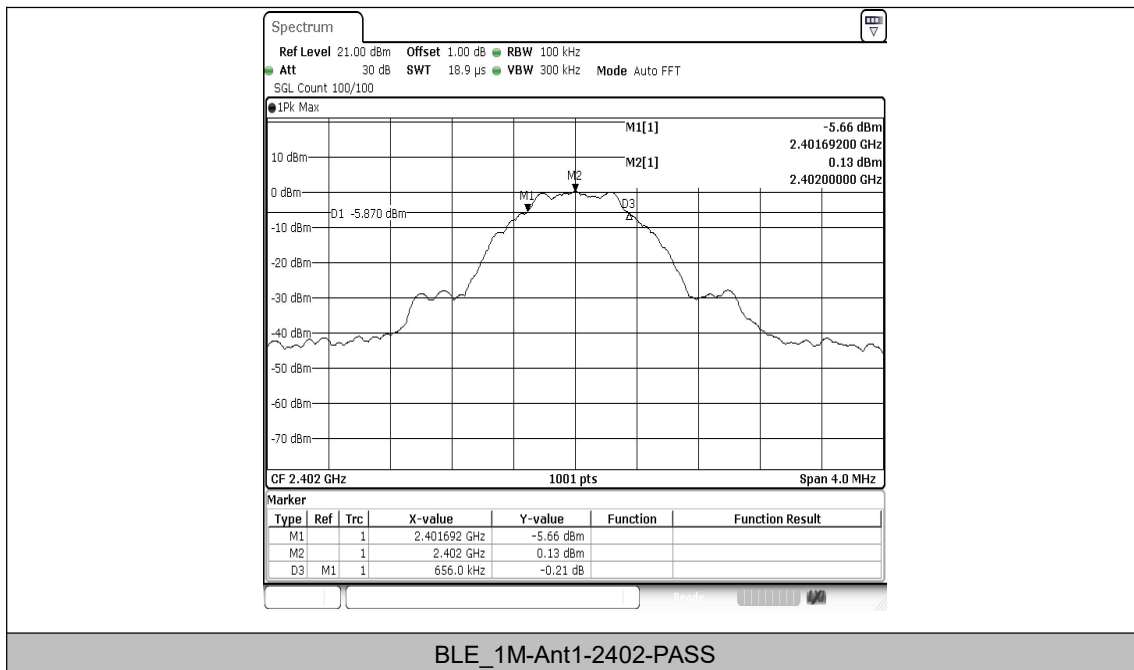
Report No.:	1812C50313112501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-26	Finish Test Date:	2025-7-3
Test Engineer:	Hansen Guan	Auditor:	Justin Feng
Temperature:	23.3°C	Relative Humidity:	52%
Pressure:	101kPa		

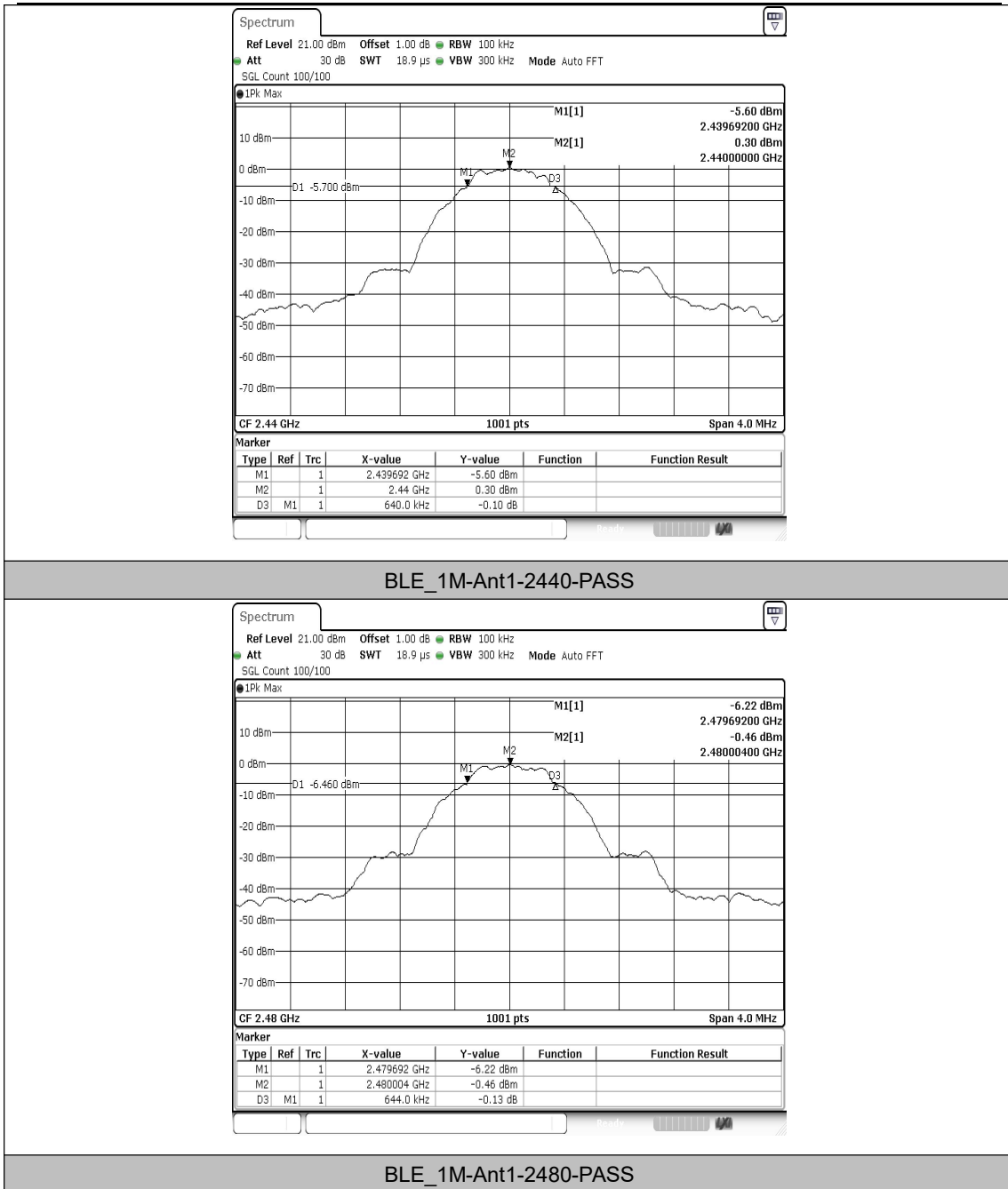
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.69	2402.35	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.69	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.69	2480.34	0.5	PASS

Test Graphs





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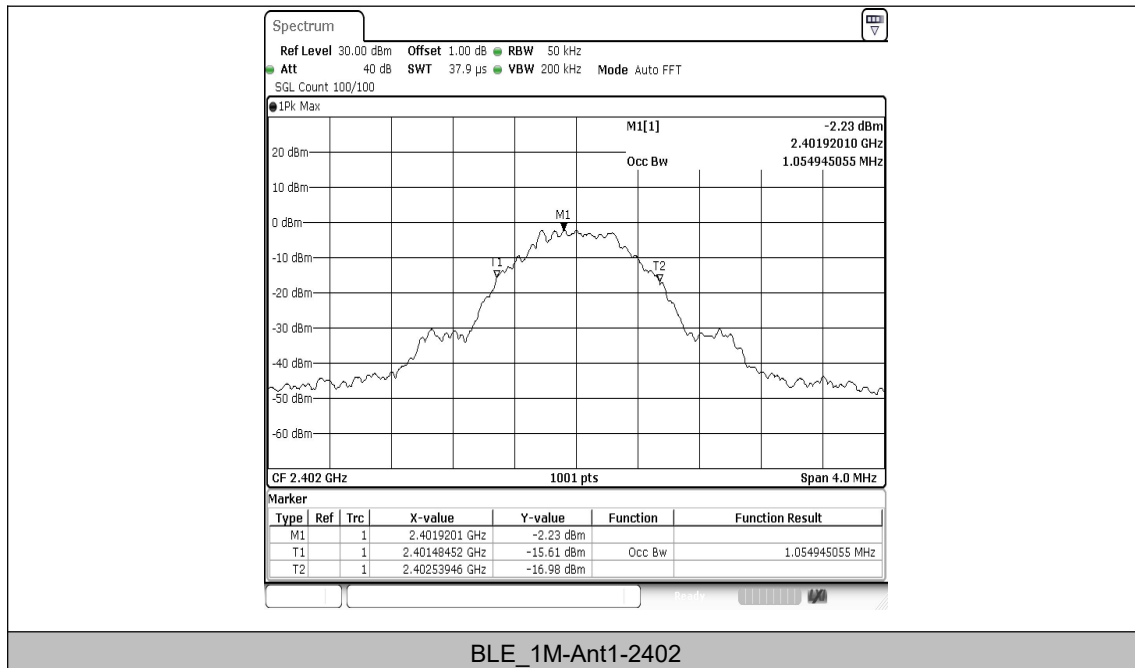
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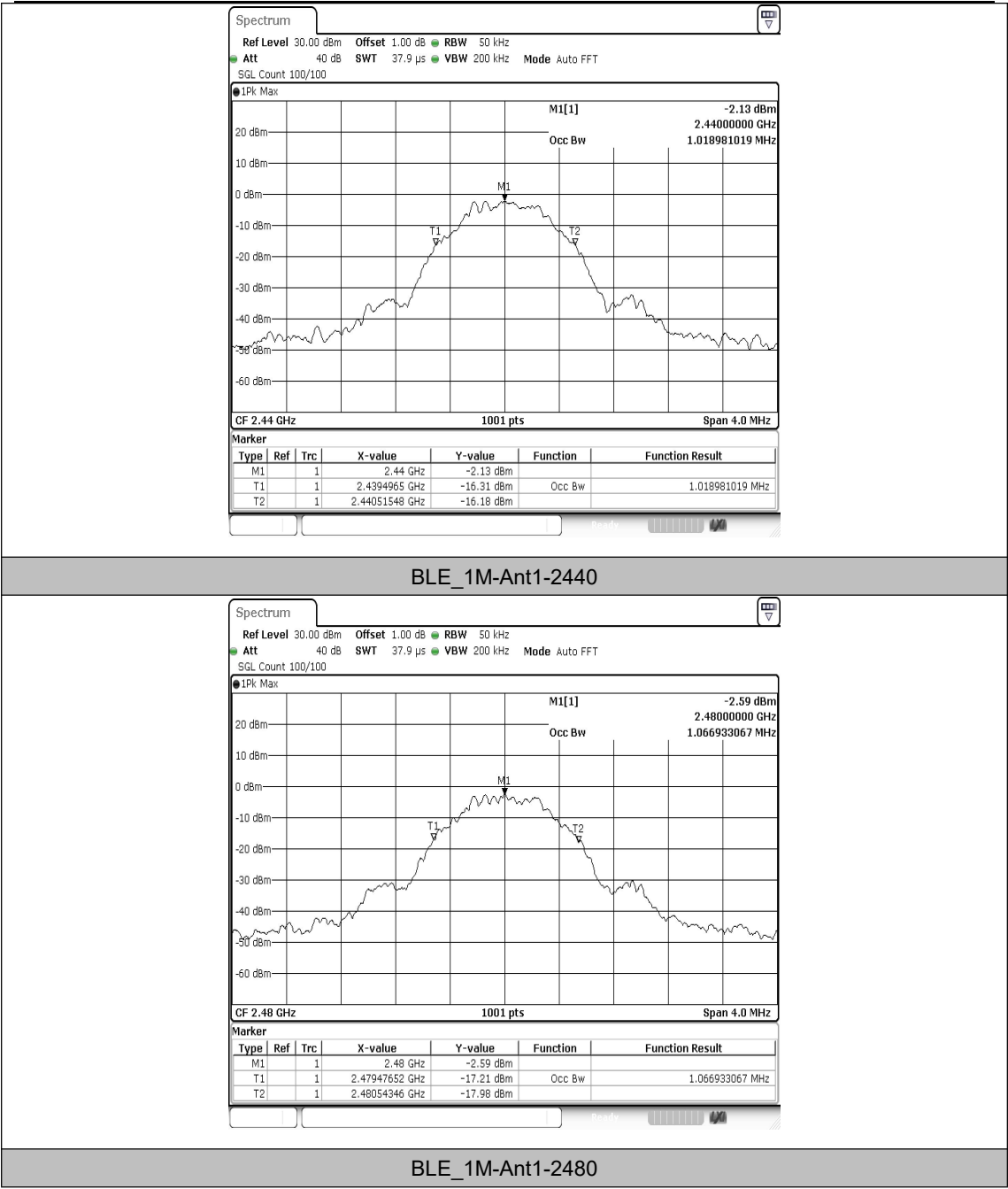
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0549	2401.4845	2402.5395	---	---
BLE_1M	Ant1	2440	1.0190	2439.4965	2440.5155	---	---
BLE_1M	Ant1	2480	1.0669	2479.4765	2480.5435	---	---

Test Graphs



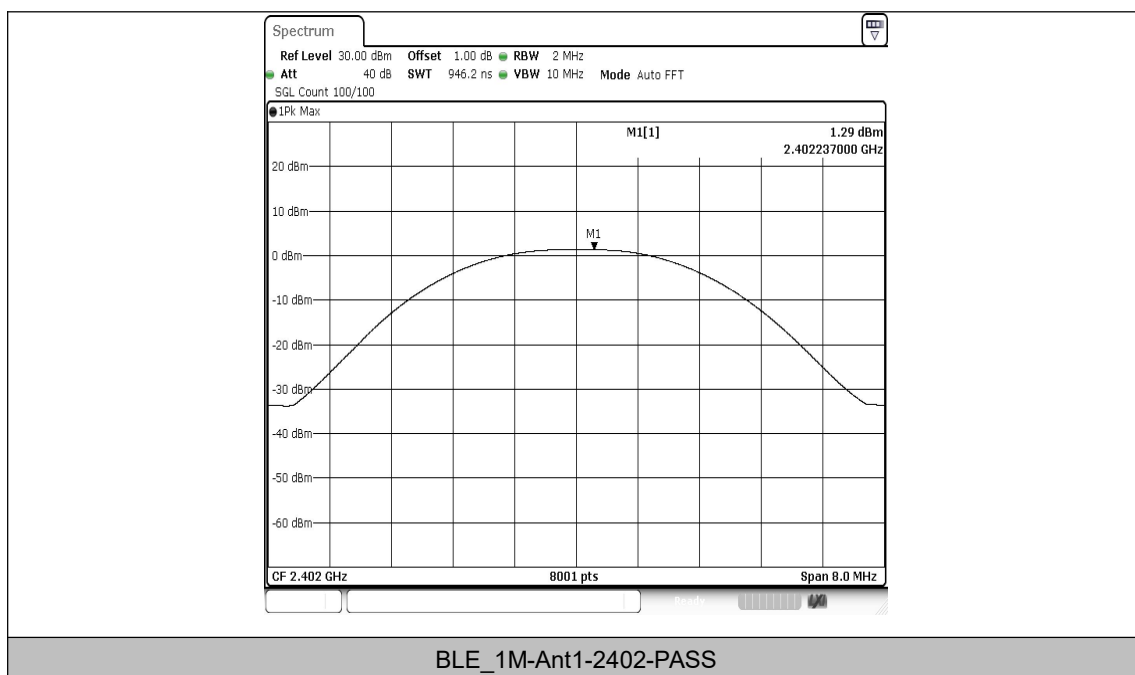


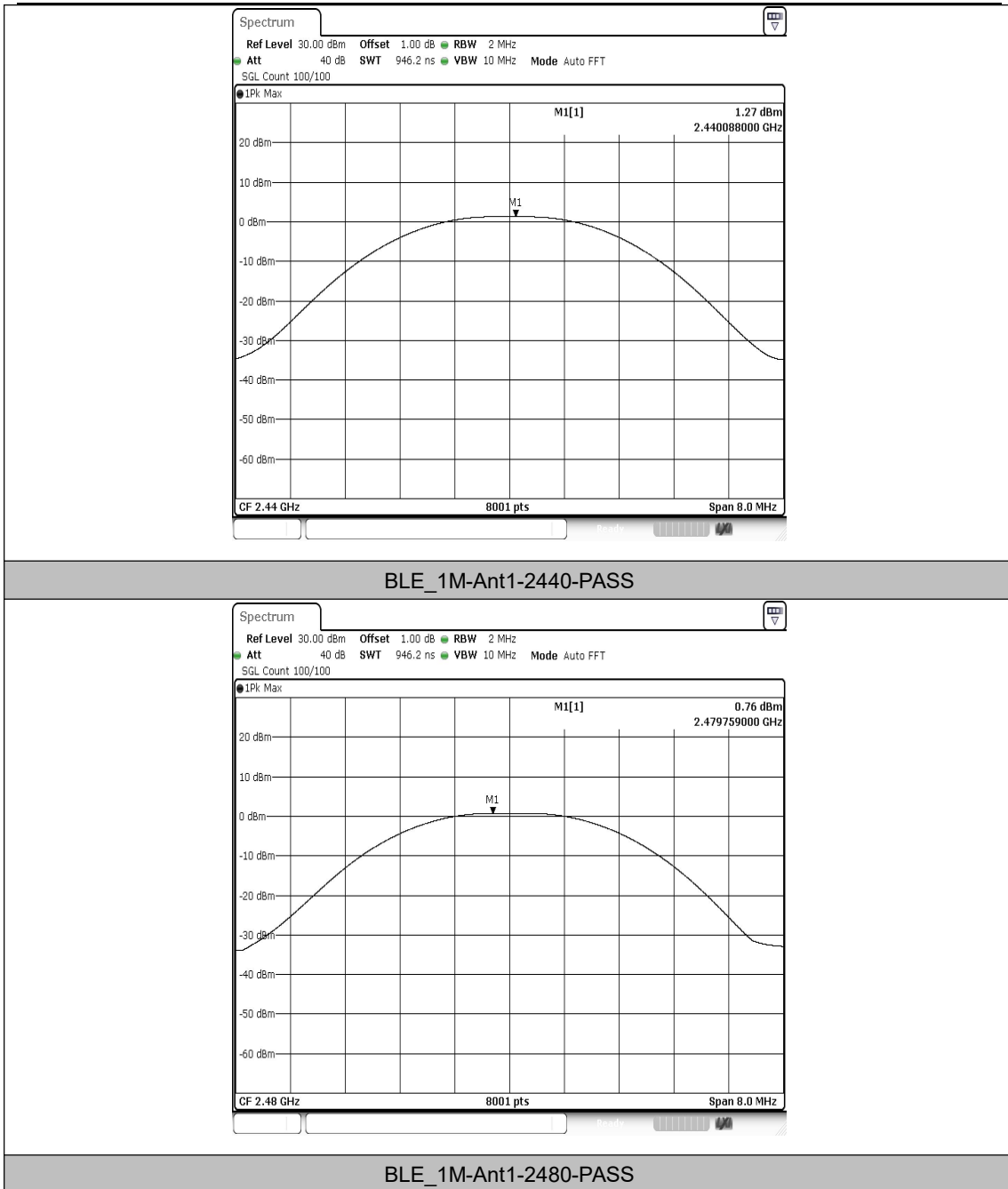
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.29	≤30	PASS
BLE_1M	Ant1	2440	1.27	≤30	PASS
BLE_1M	Ant1	2480	0.76	≤30	PASS

Test Graphs Peak





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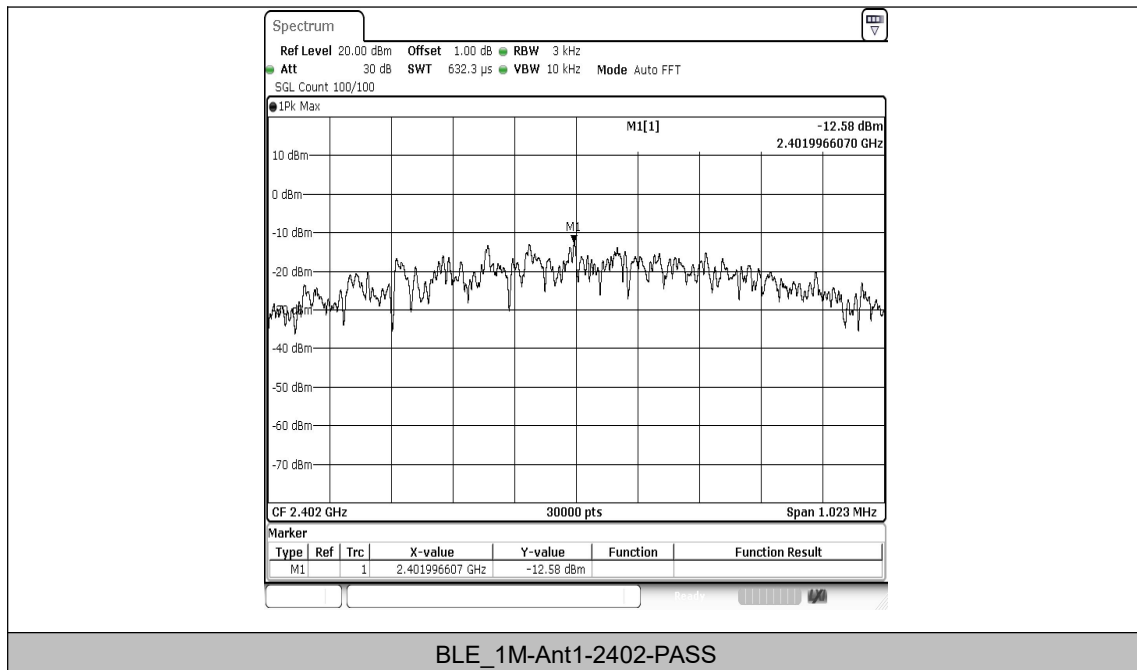
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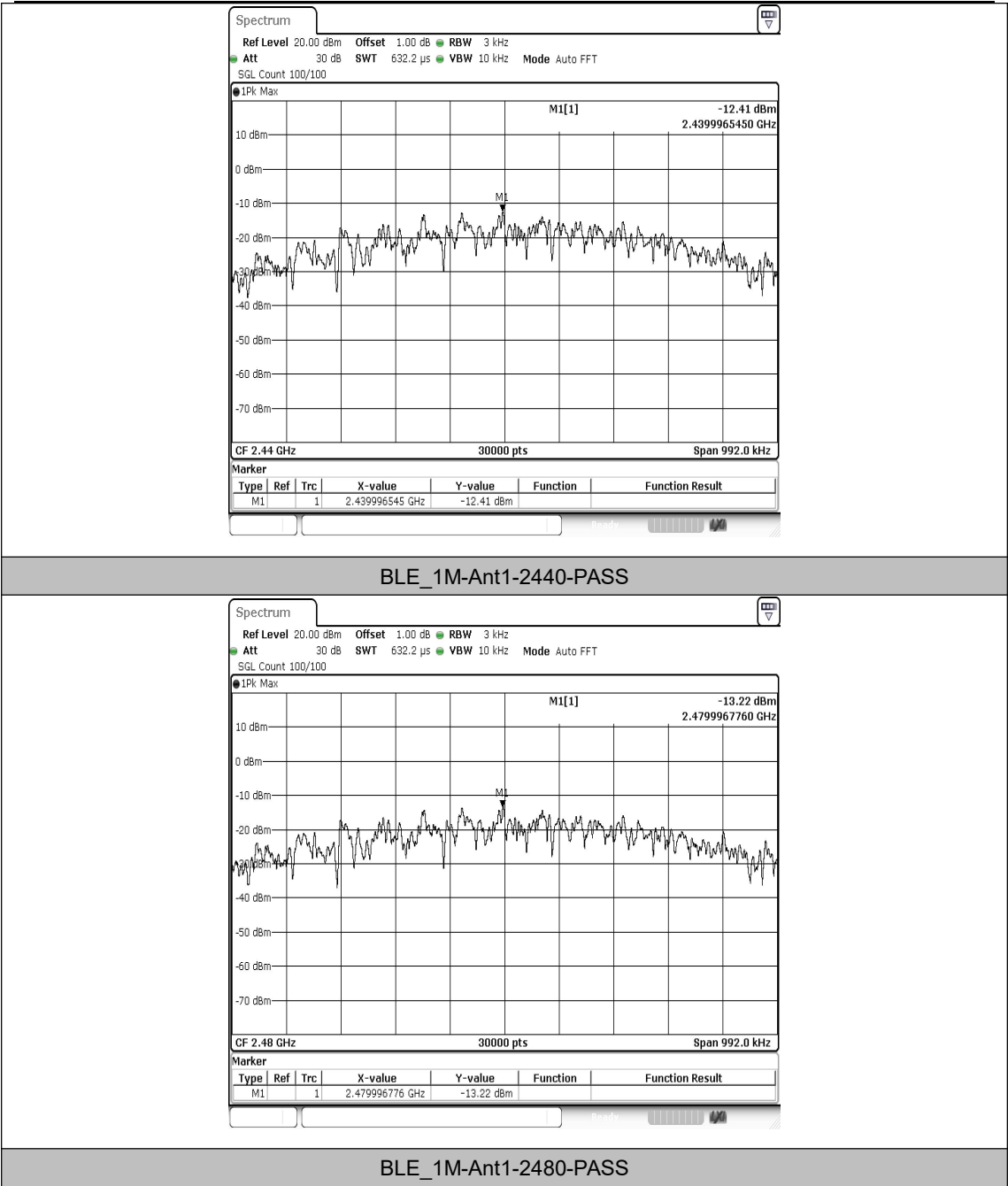
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.58	≤8.00	PASS
BLE_1M	Ant1	2440	-12.41	≤8.00	PASS
BLE_1M	Ant1	2480	-13.22	≤8.00	PASS

Test Graphs



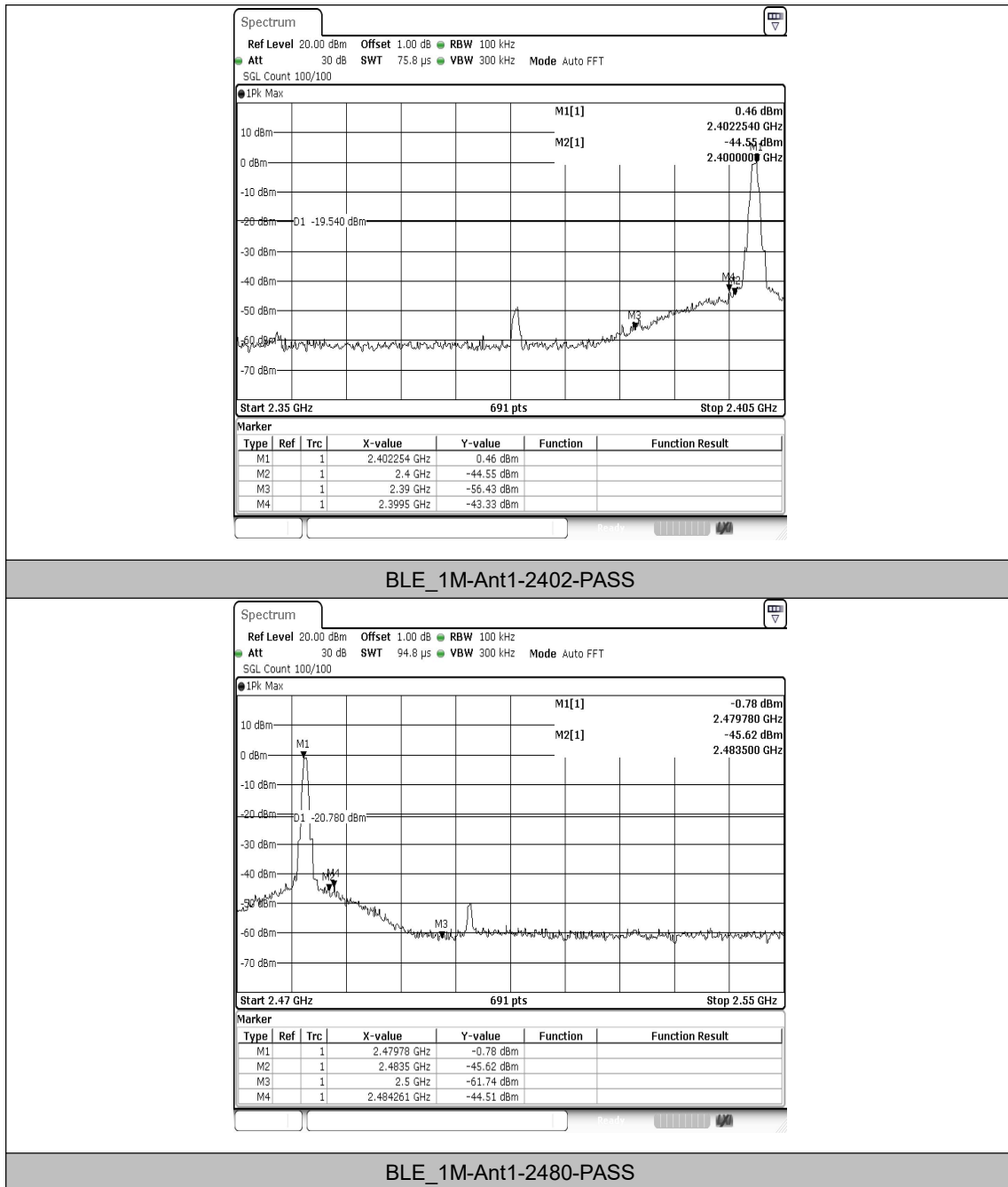


Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.46	-43.33	≤-19.54	PASS
BLE_1M	Ant1	High	2480	-0.78	-44.51	≤-20.78	PASS

Test Graphs



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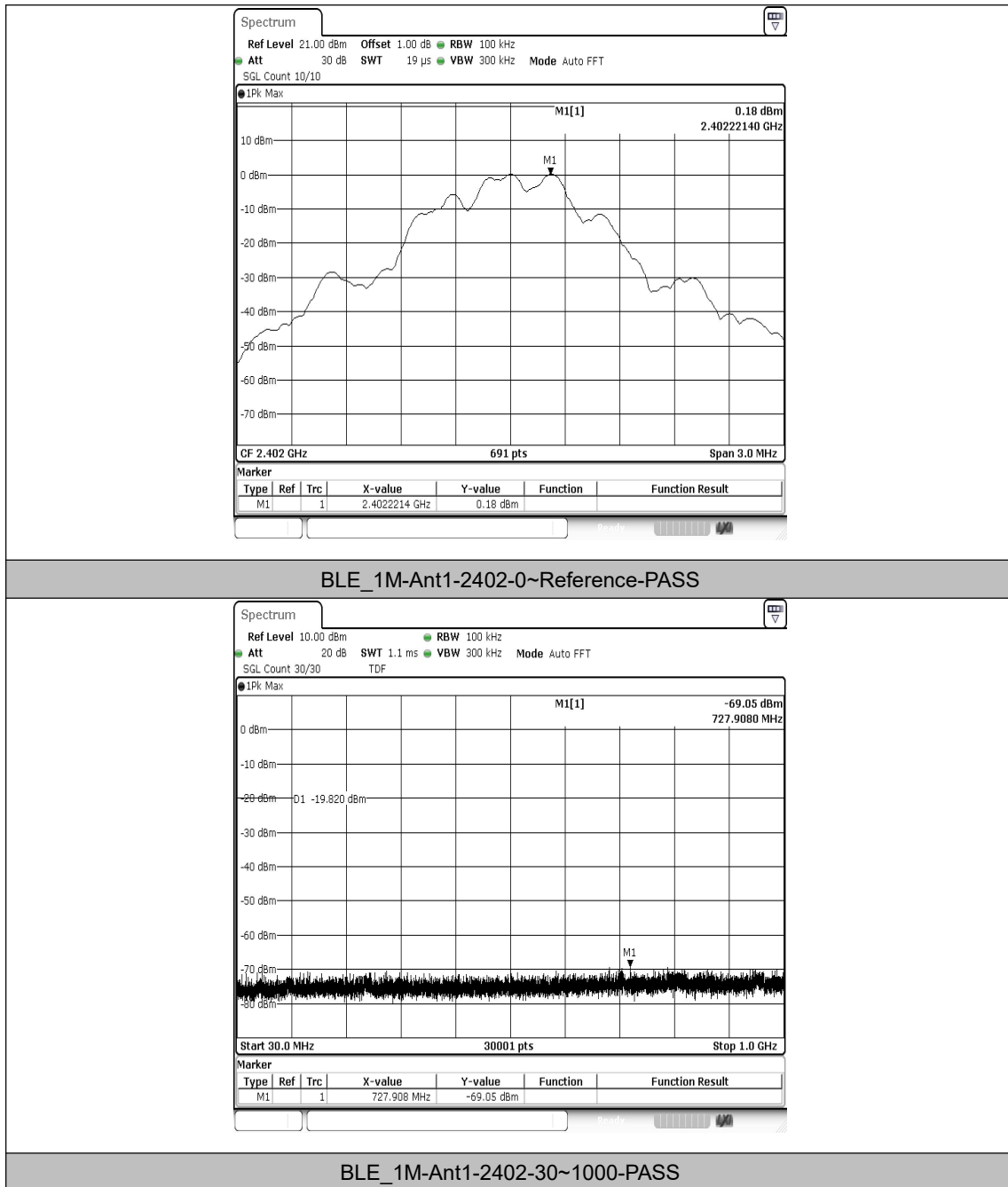
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.18	0.18	---	PASS
BLE_1M	Ant1	2402	30~1000	0.18	-69.05	≤-19.82	PASS
BLE_1M	Ant1	2402	1000~26500	0.18	-37.86	≤-19.82	PASS
BLE_1M	Ant1	2440	0~Reference	0.13	0.13	---	PASS
BLE_1M	Ant1	2440	30~1000	0.13	-69.07	≤-19.87	PASS
BLE_1M	Ant1	2440	1000~26500	0.13	-39.53	≤-19.87	PASS
BLE_1M	Ant1	2480	0~Reference	-1.44	-1.44	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.44	-68.93	≤-21.44	PASS
BLE_1M	Ant1	2480	1000~26500	-1.44	-41.73	≤-21.44	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

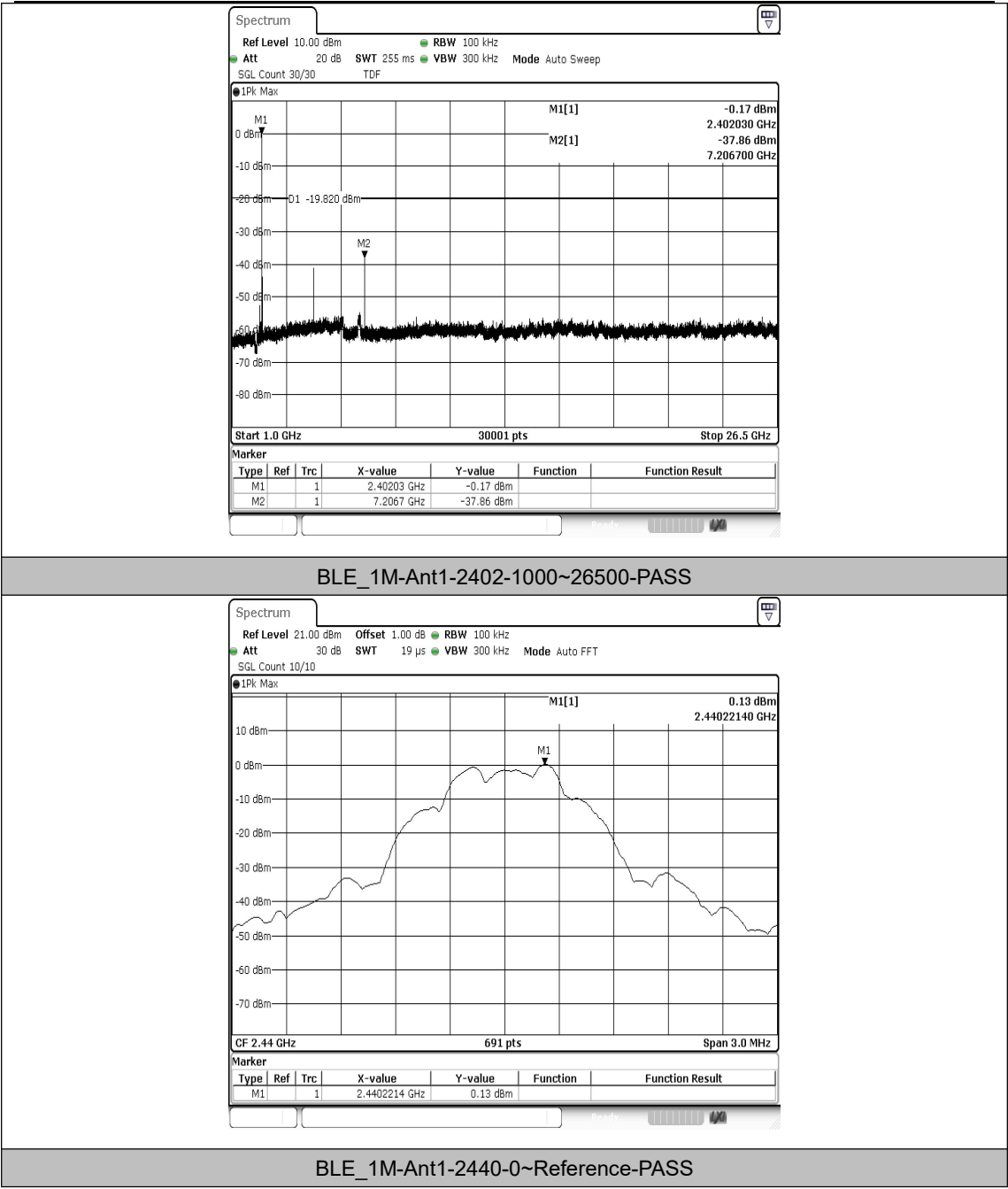
Test Graphs



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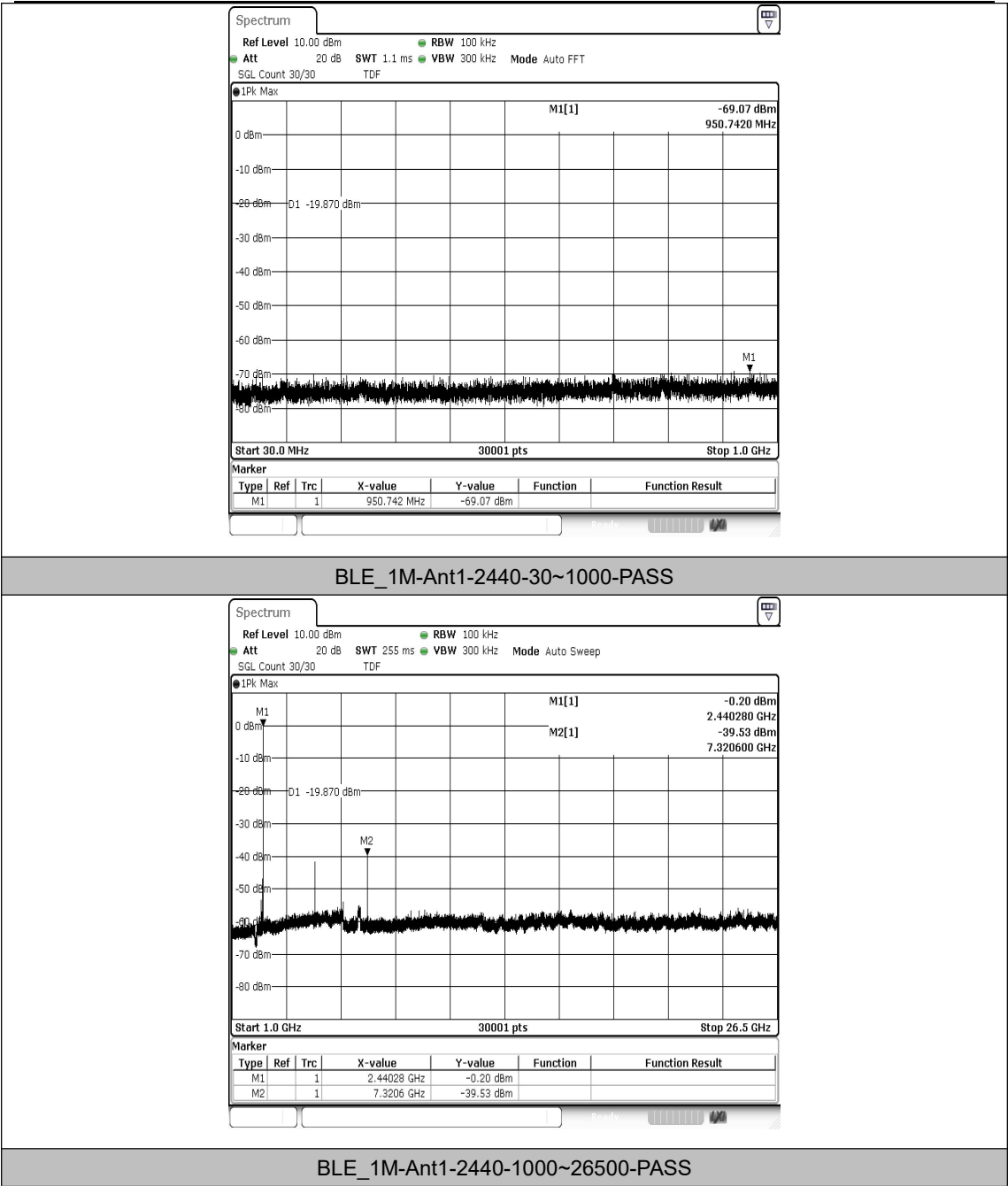
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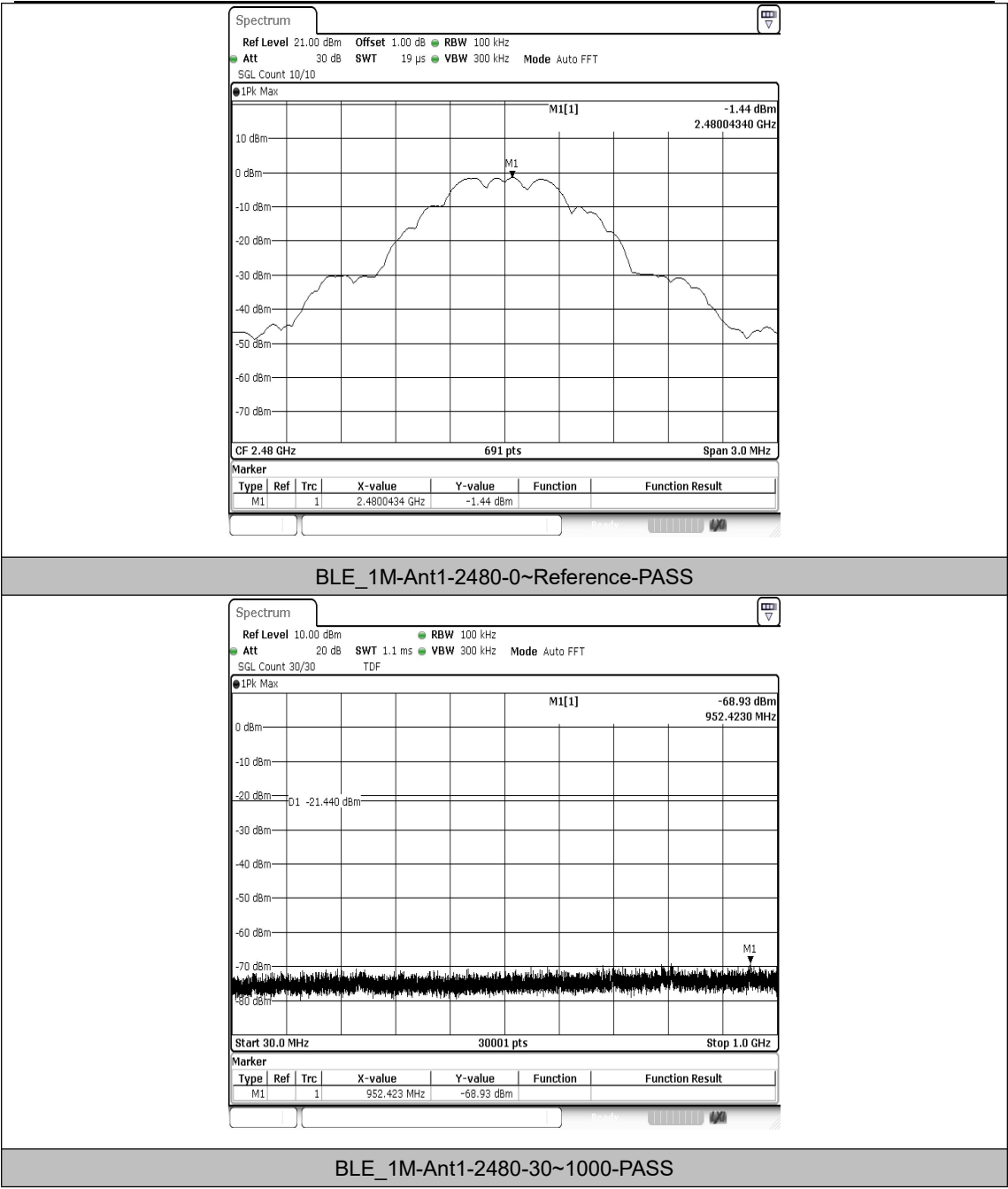
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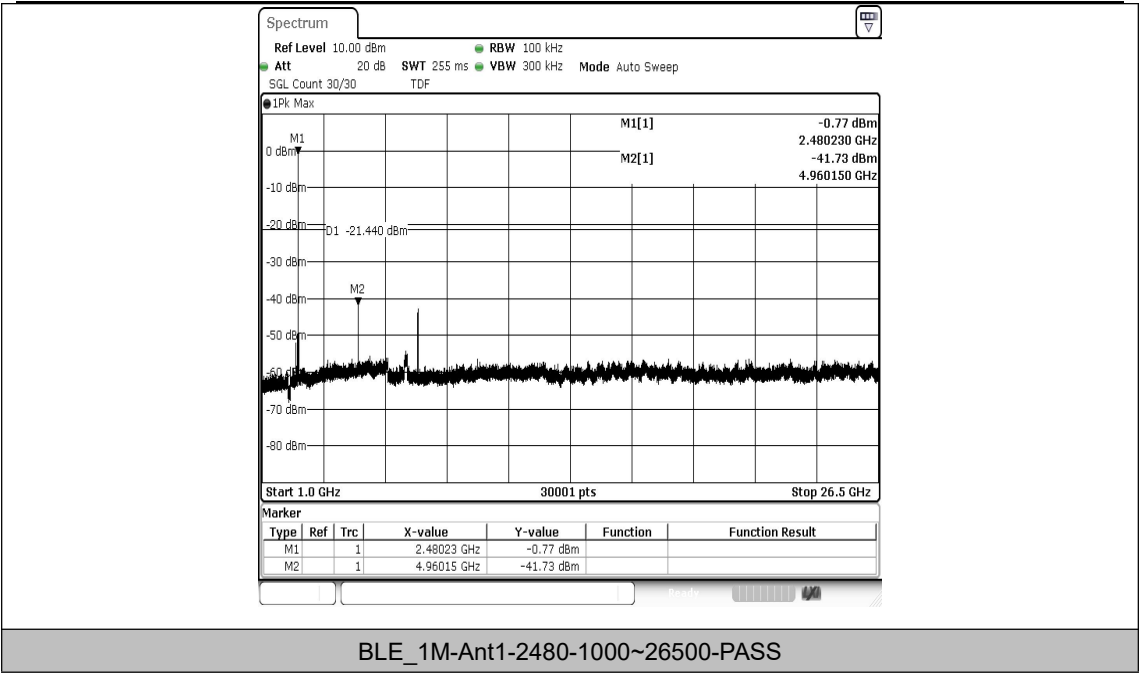


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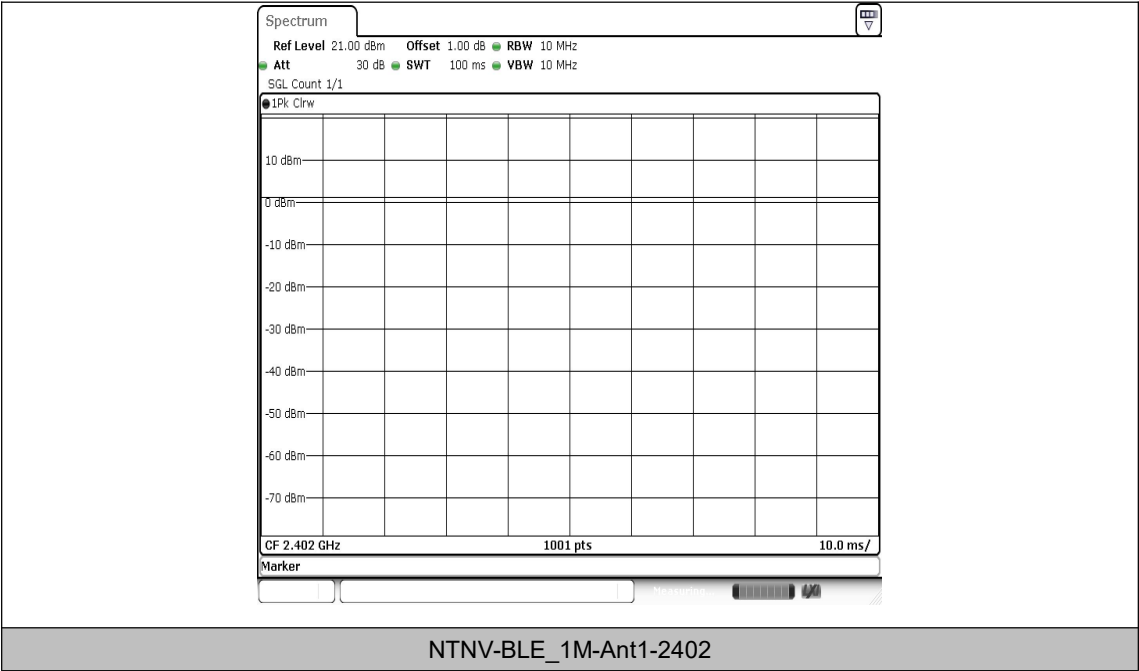
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Appendix G: Duty Cycle

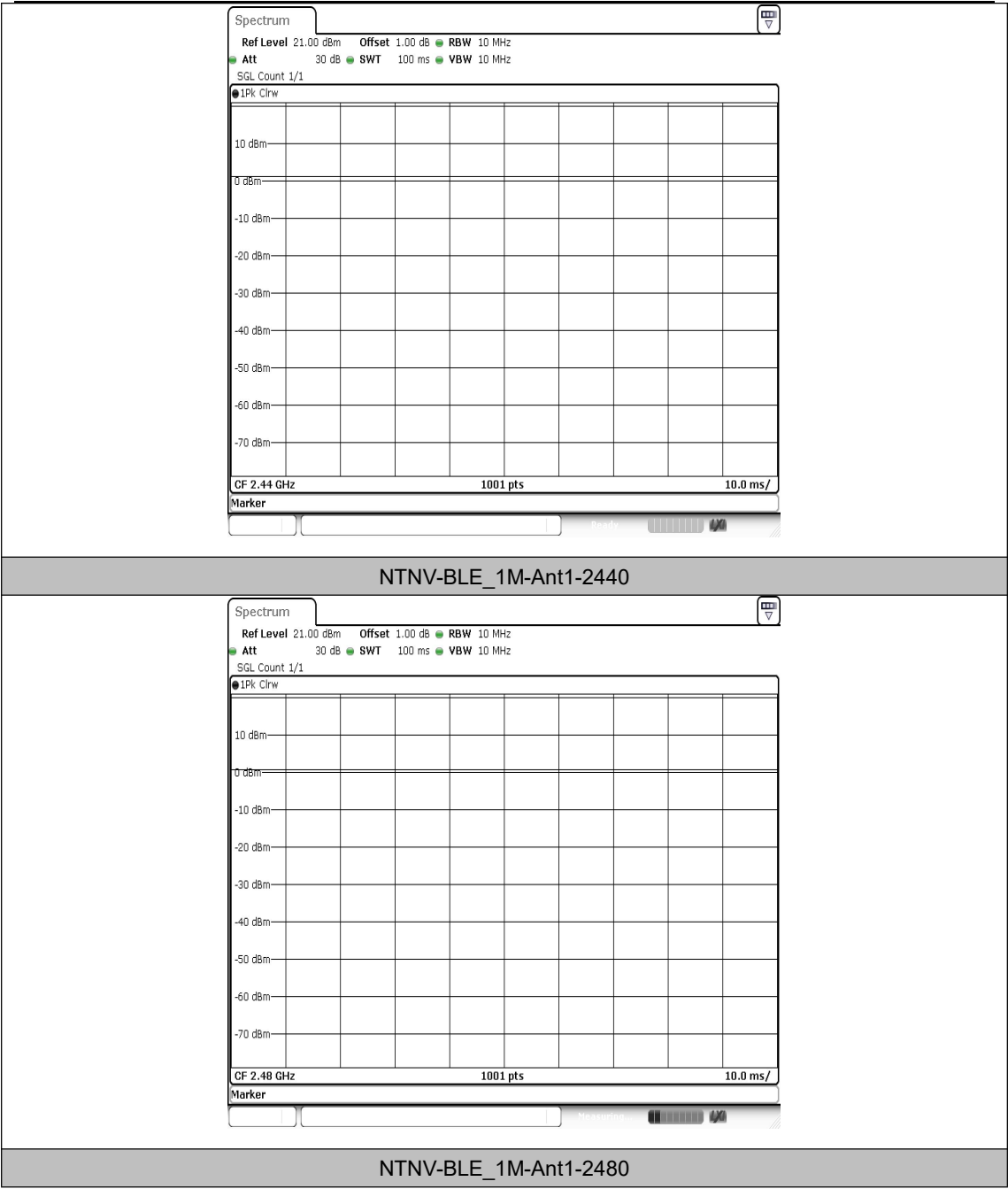
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00

Test Graphs



NTNV-BLE_1M-Ant1-2402



---End---