

Appendix Test Data

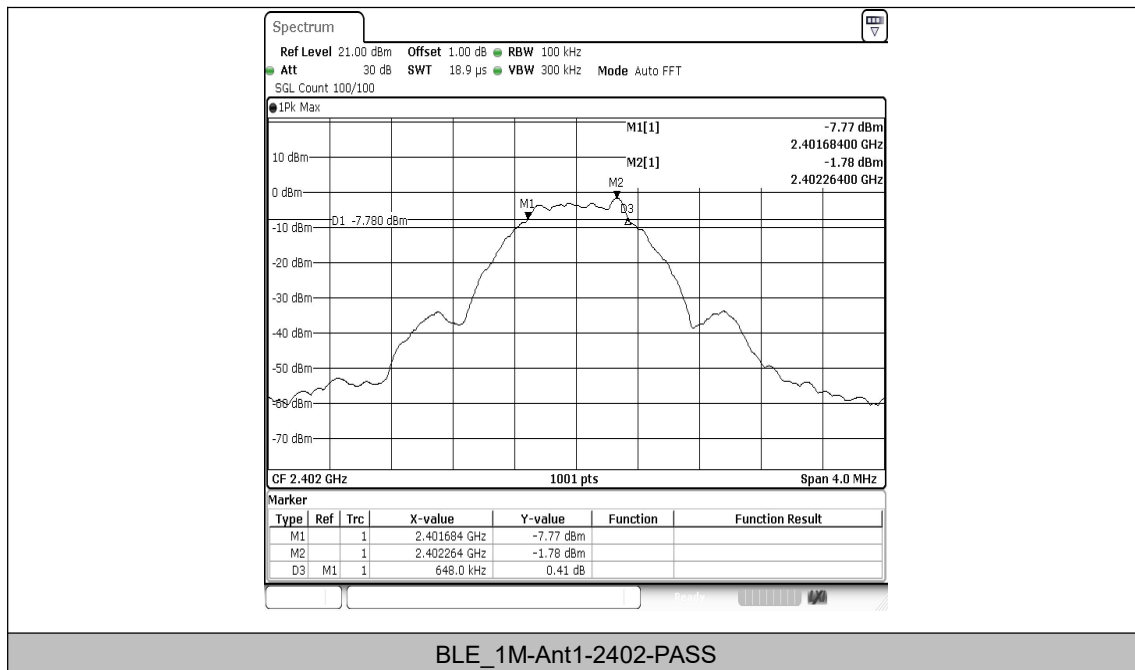
Report No.:	1813C50226612501	Test Sample No.:	1-2-2
Start Test Date:	2025-5-27	Finish Test Date:	2025-5-30
Test Engineer:	Hansen Guan	Auditor:	Justin Feng
Temperature:	25.7°C	Relative Humidity:	54%
Pressure:	101kPa		

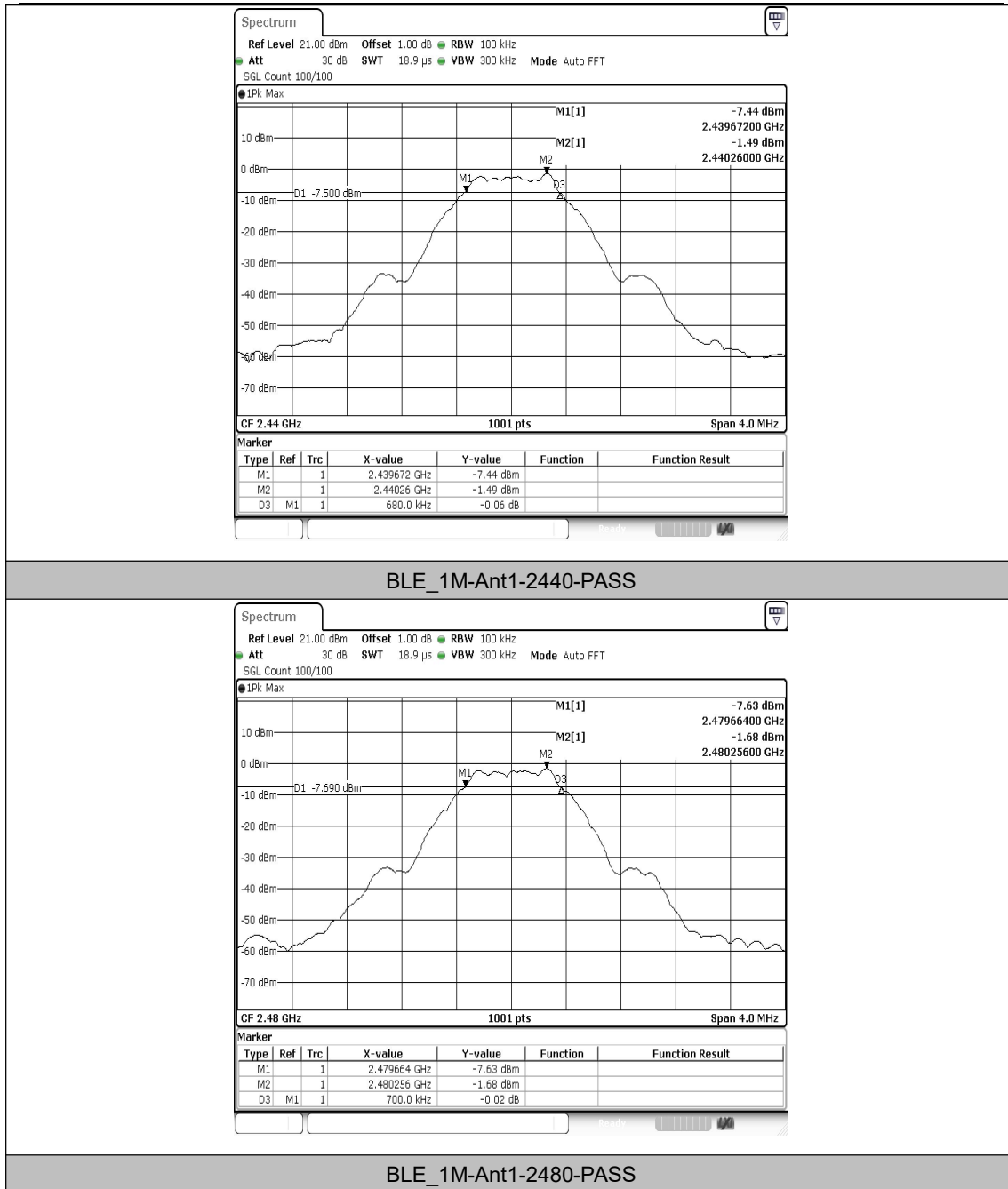
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.65	2401.68	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.68	2439.67	2440.35	0.5	PASS
BLE_1M	Ant1	2480	0.70	2479.66	2480.36	0.5	PASS

Test Graphs



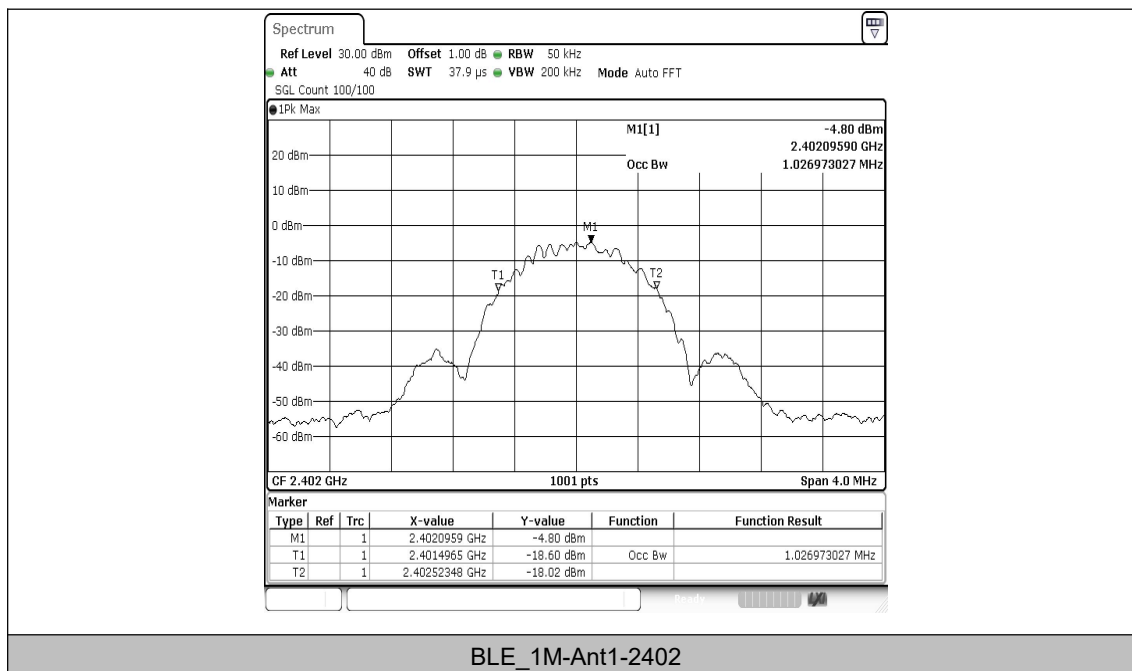


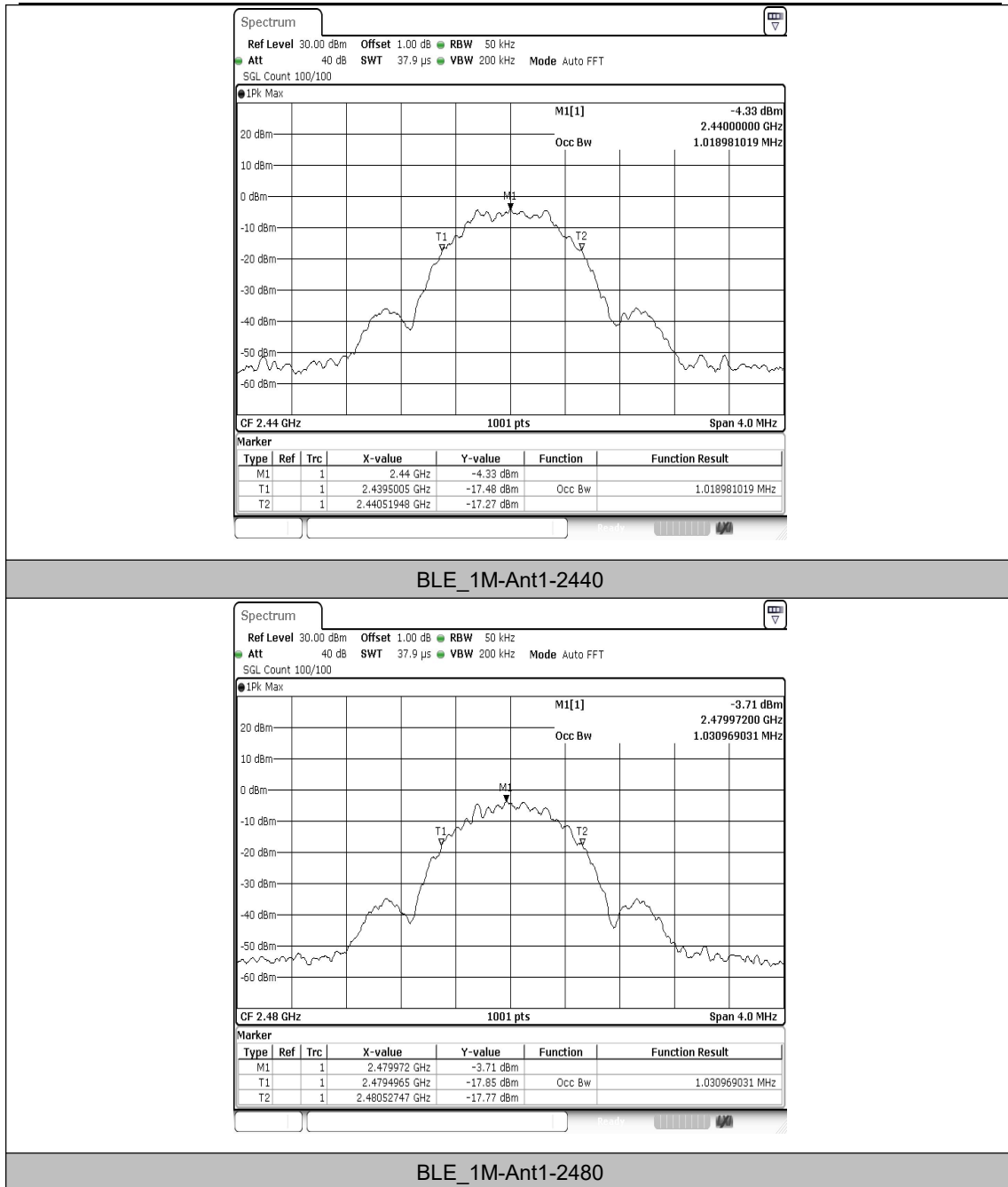
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0270	2401.4965	2402.5235	---	---
BLE_1M	Ant1	2440	1.0190	2439.5005	2440.5195	---	---
BLE_1M	Ant1	2480	1.0310	2479.4965	2480.5275	---	---

Test Graphs



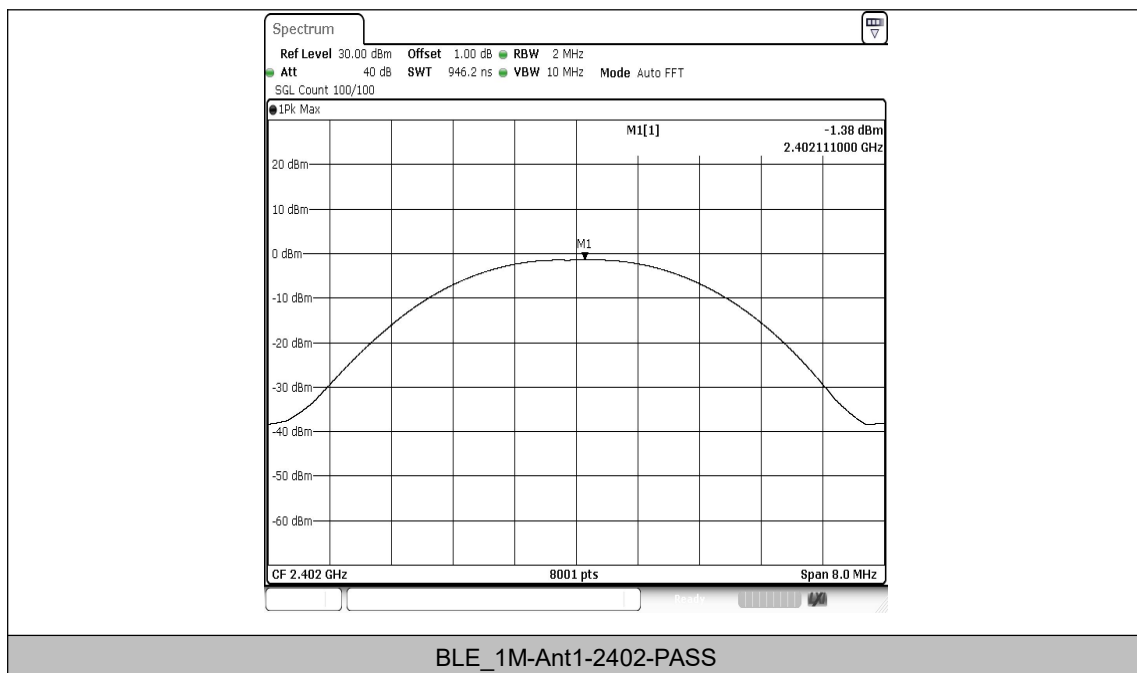


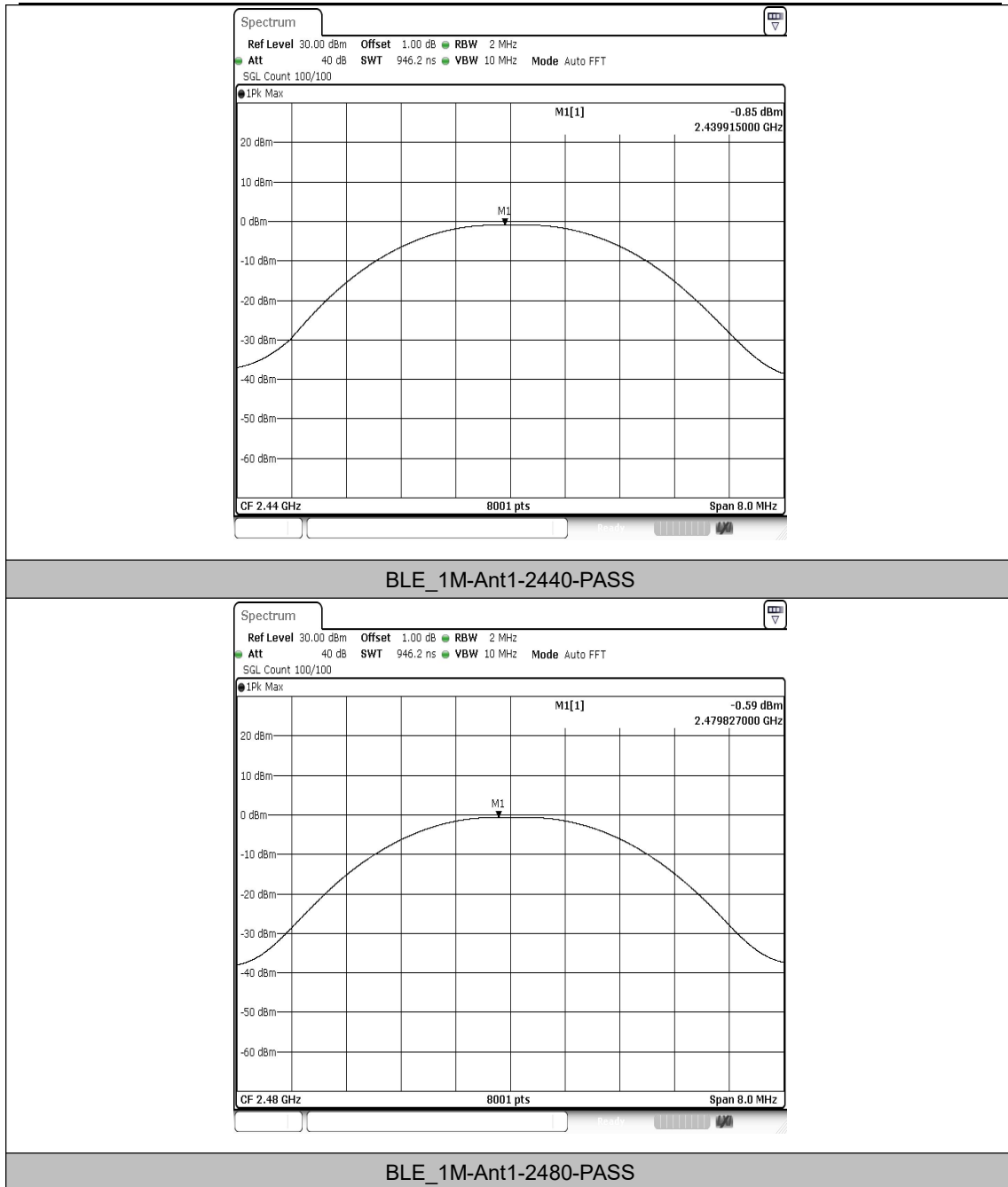
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.38	≤30	PASS
BLE_1M	Ant1	2440	-0.85	≤30	PASS
BLE_1M	Ant1	2480	-0.59	≤30	PASS

Test Graphs Peak





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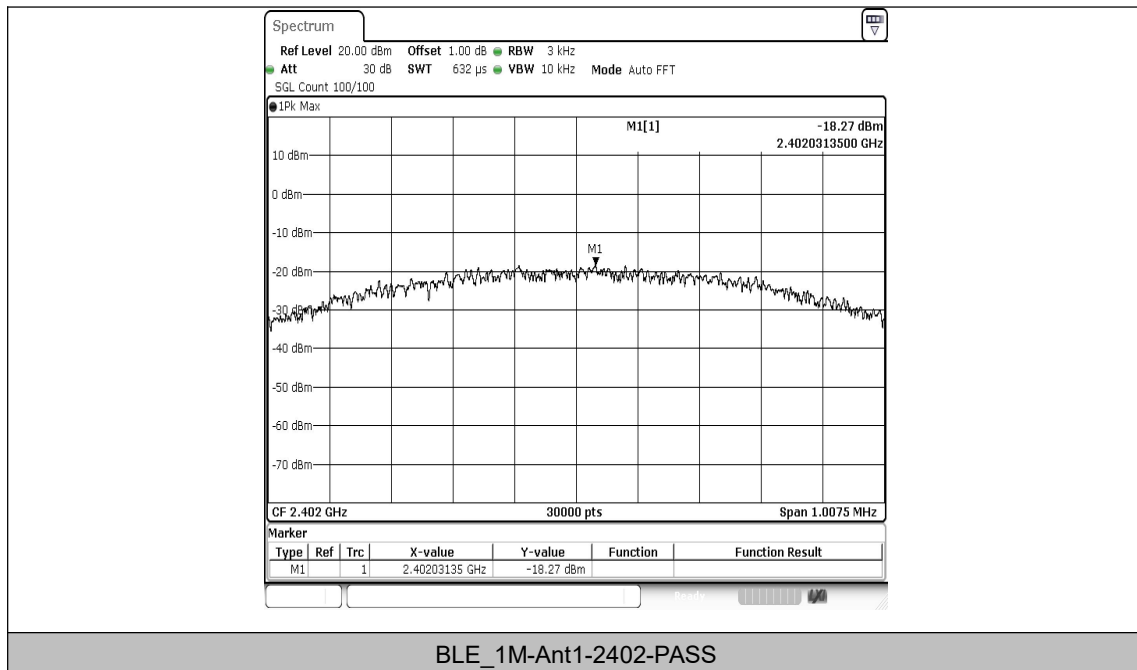
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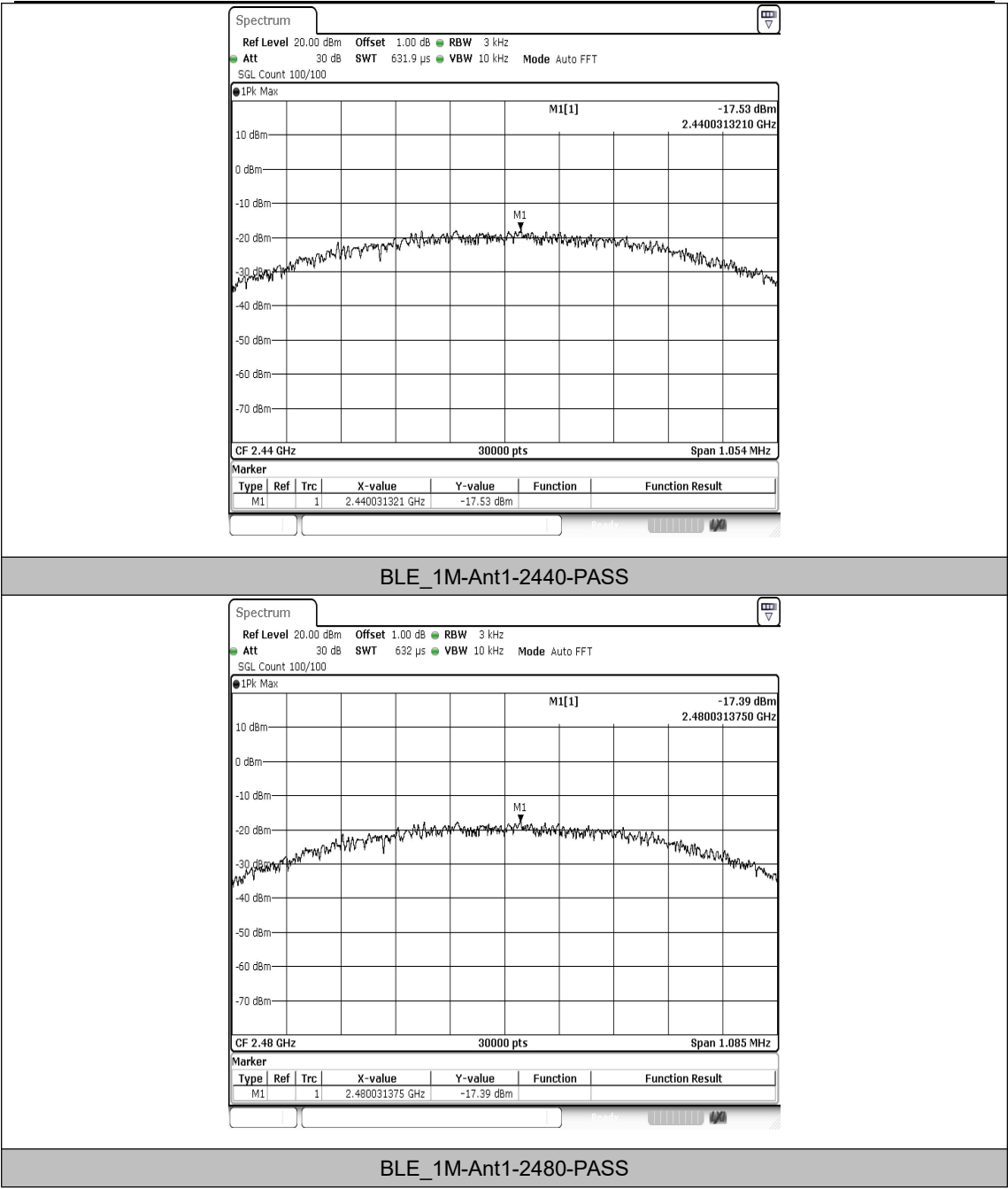
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.27	≤8.00	PASS
BLE_1M	Ant1	2440	-17.53	≤8.00	PASS
BLE_1M	Ant1	2480	-17.39	≤8.00	PASS

Test Graphs





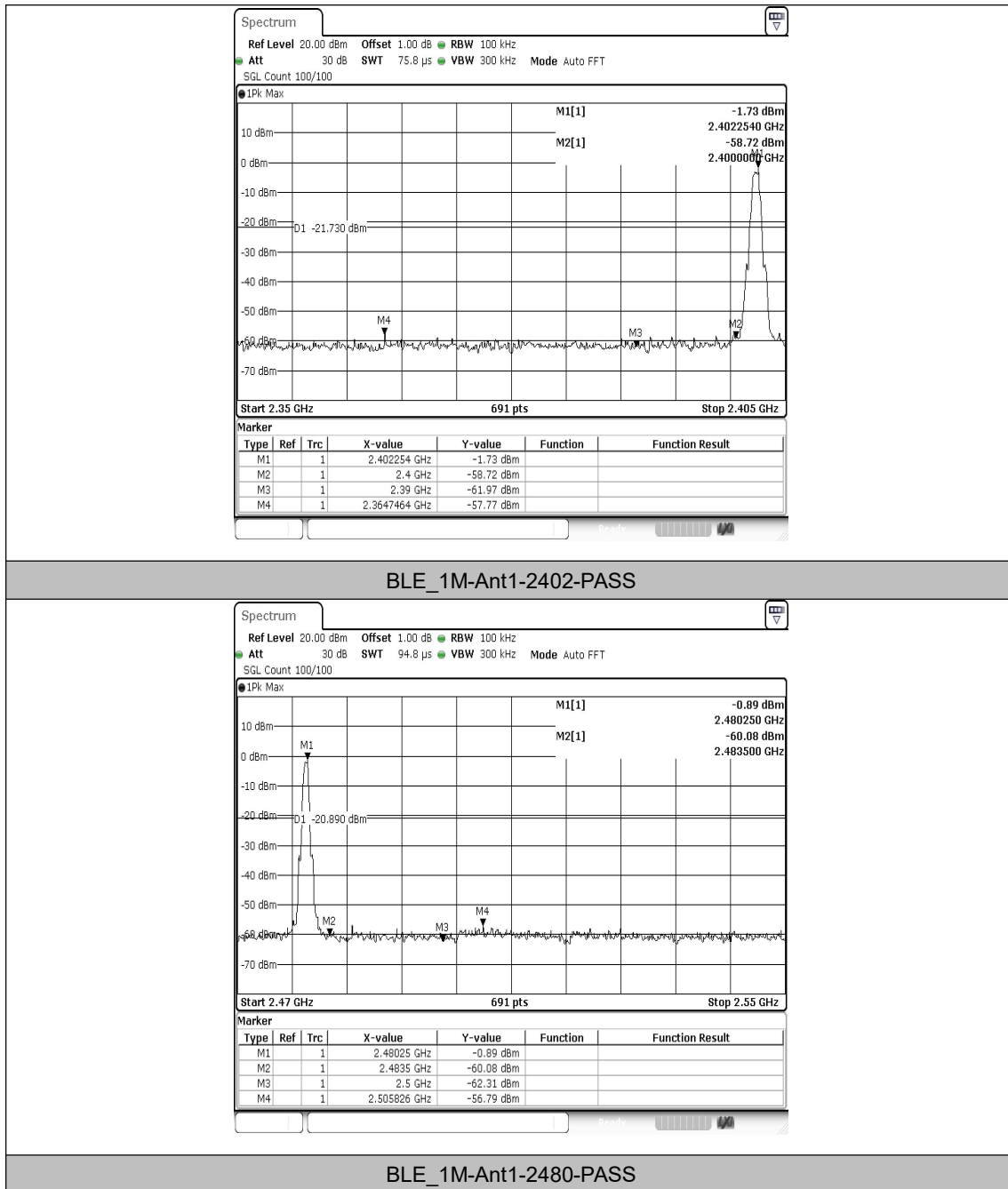
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.73	-57.77	≤ -21.73	PASS
BLE_1M	Ant1	High	2480	-0.89	-56.79	≤ -20.89	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs



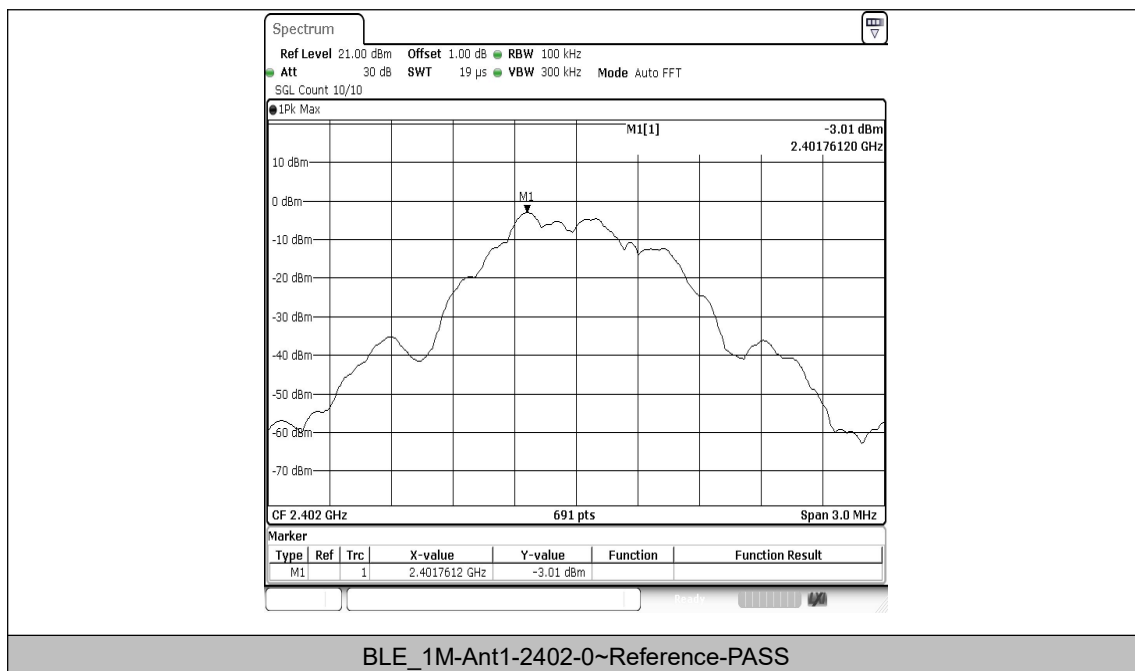
Appendix F: Conducted Spurious Emission

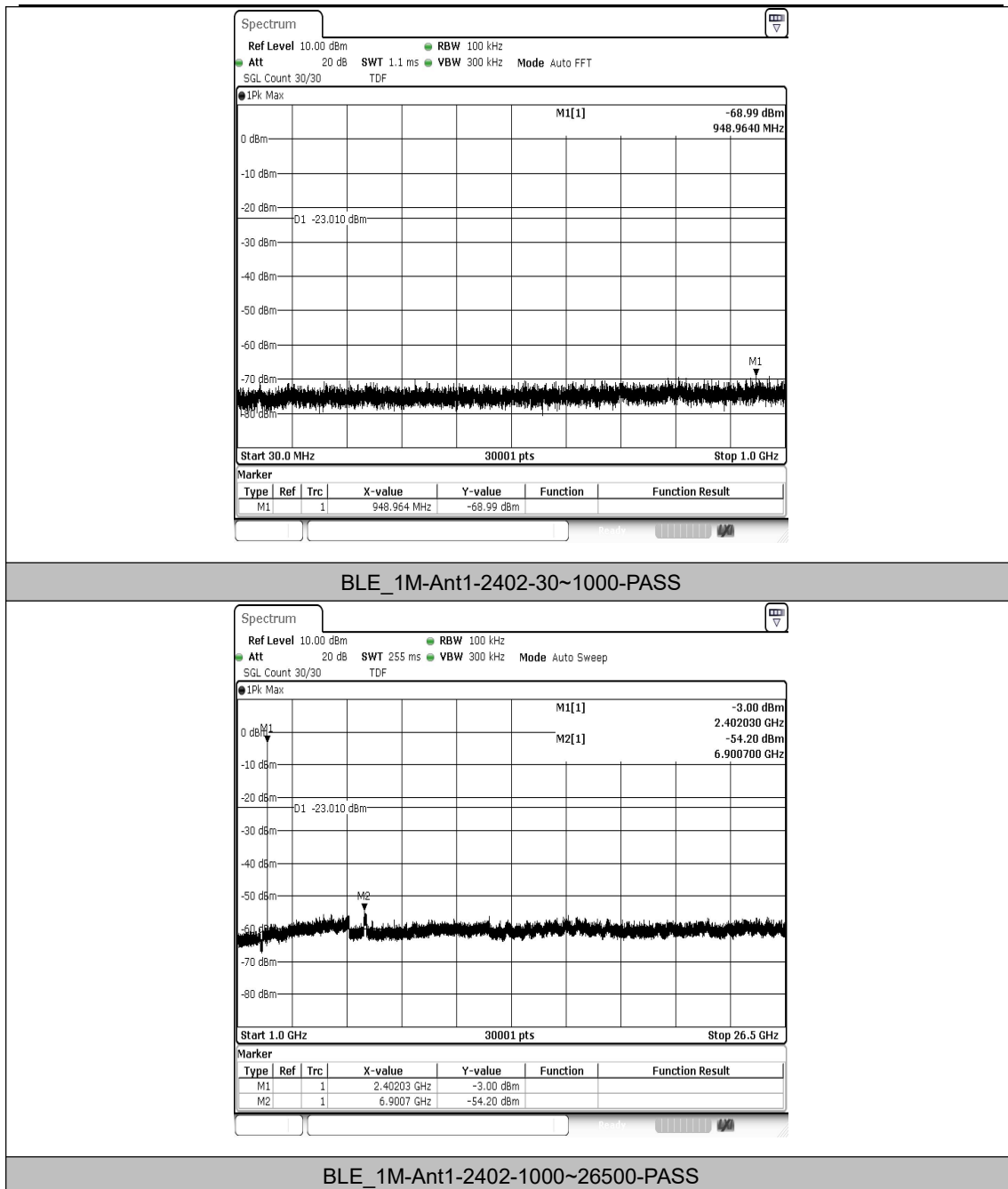
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-3.01	-3.01	---	PASS
BLE_1M	Ant1	2402	30~1000	-3.01	-68.99	≤-23.01	PASS
BLE_1M	Ant1	2402	1000~26500	-3.01	-54.2	≤-23.01	PASS
BLE_1M	Ant1	2440	0~Reference	-1.09	-1.09	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.09	-68.6	≤-21.09	PASS
BLE_1M	Ant1	2440	1000~26500	-1.09	-54.42	≤-21.09	PASS
BLE_1M	Ant1	2480	0~Reference	-2.52	-2.52	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.52	-68.49	≤-22.52	PASS
BLE_1M	Ant1	2480	1000~26500	-2.52	-54.66	≤-22.52	PASS

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

Test Graphs





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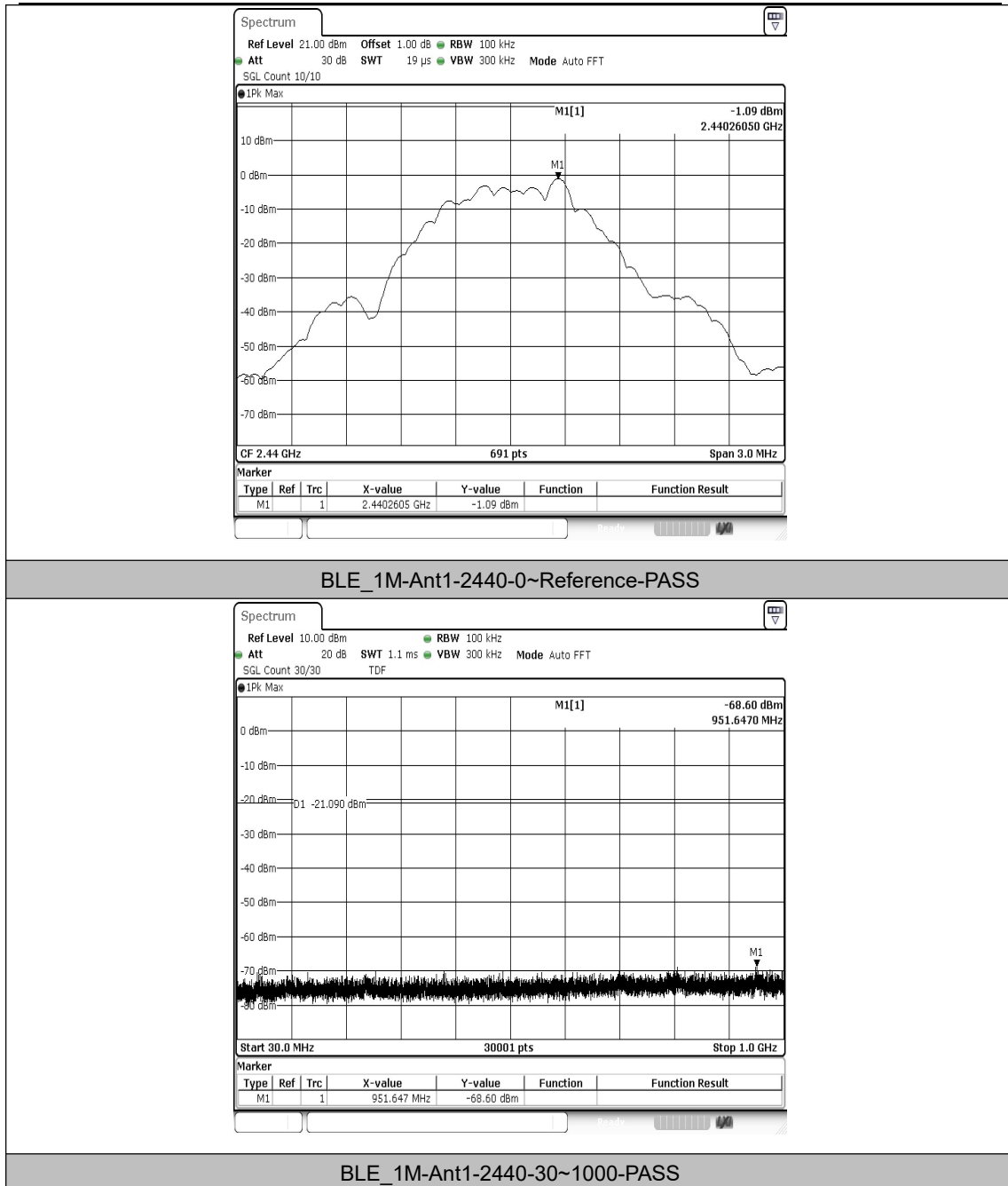
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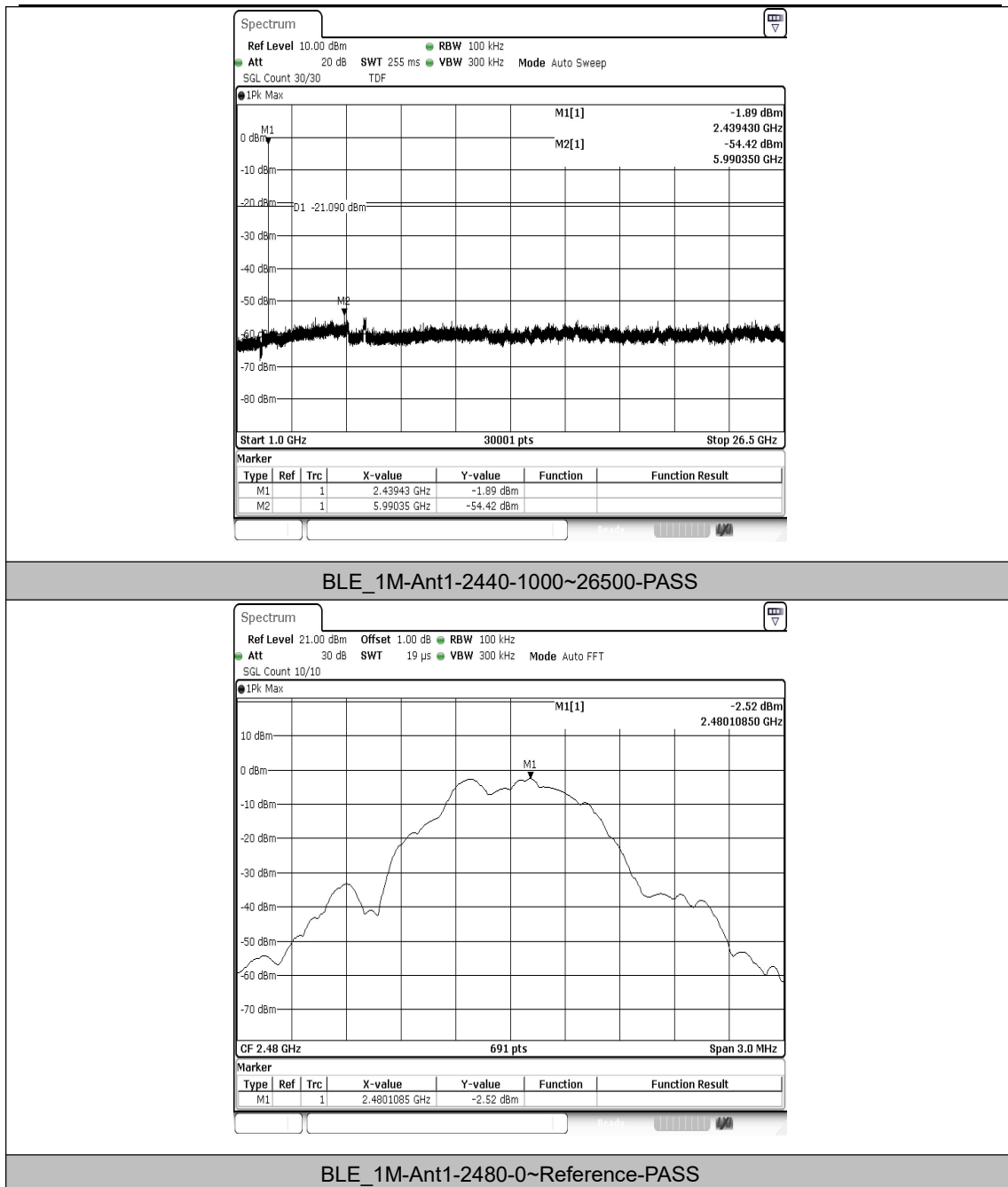
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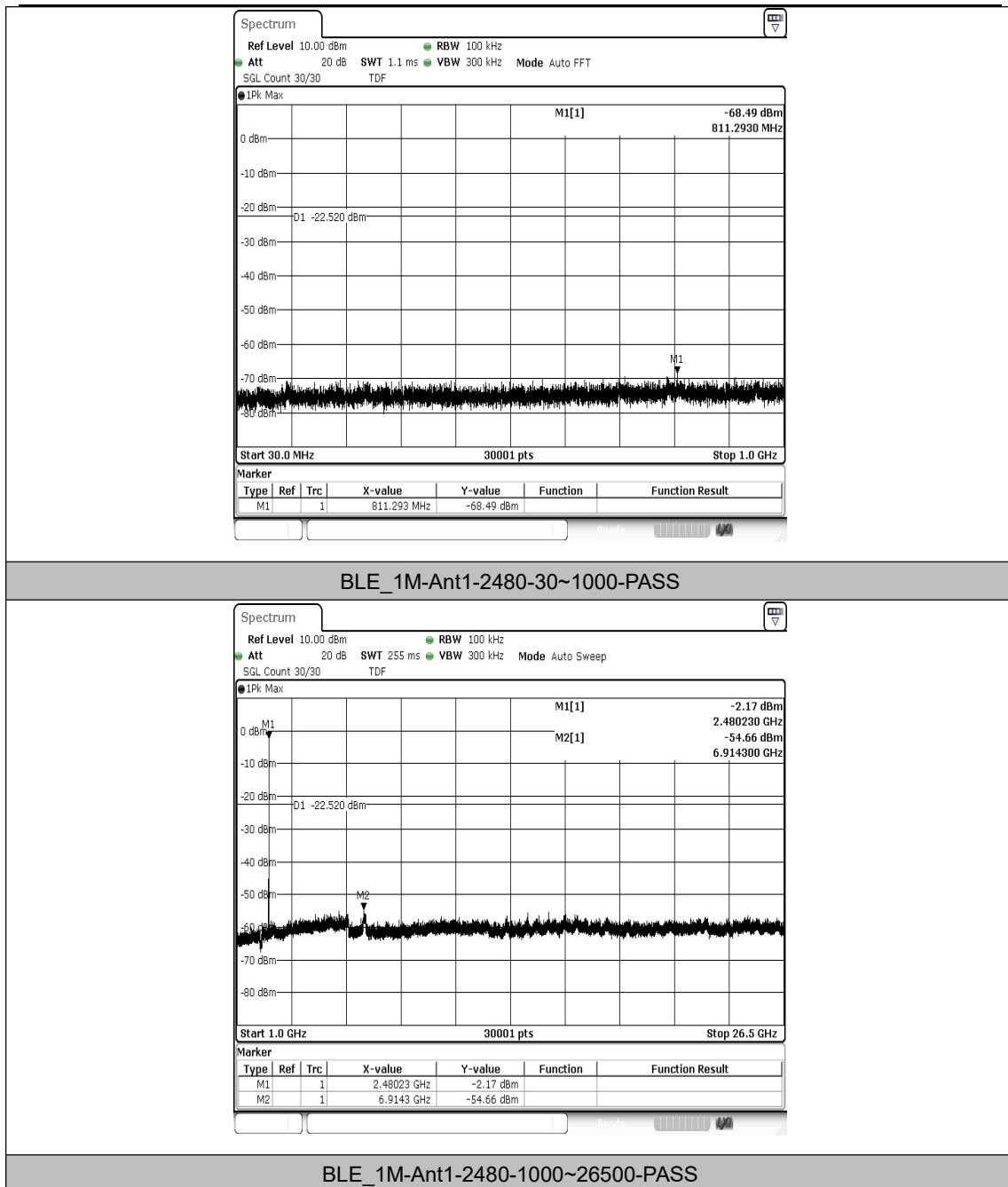
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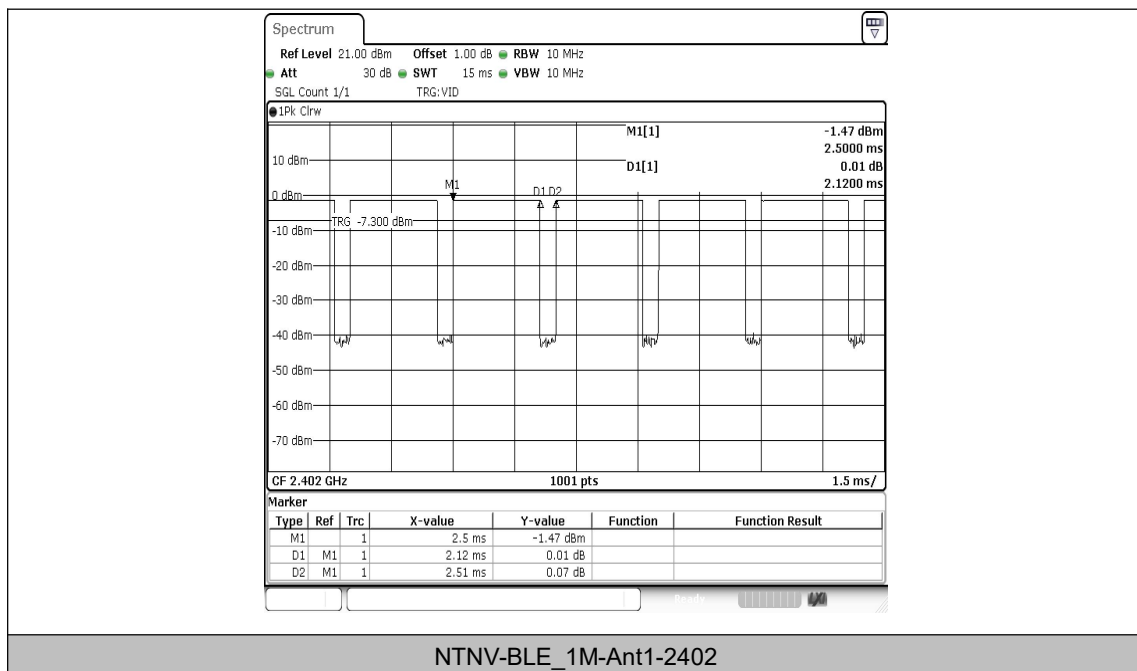
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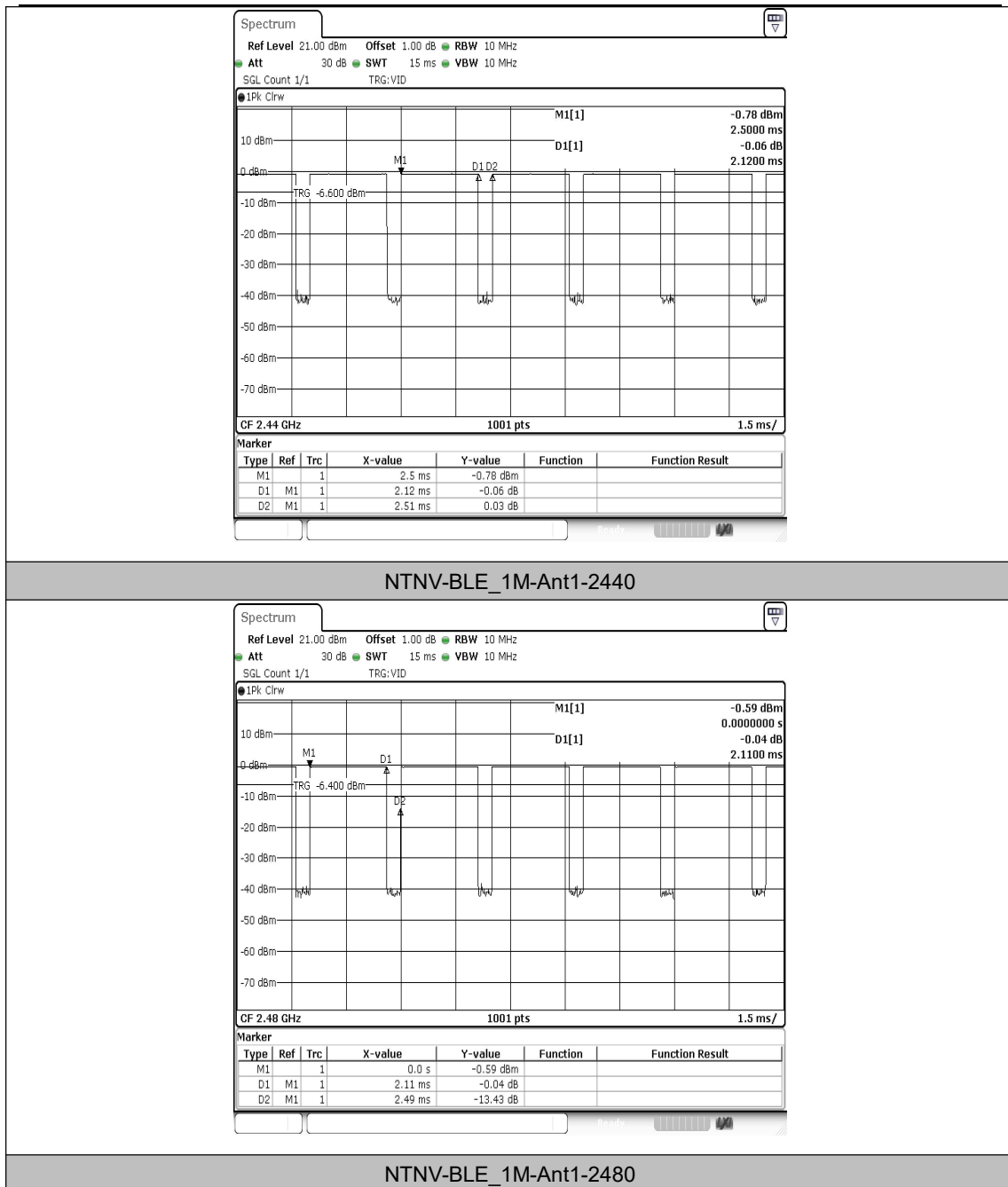
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2440	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2480	2.11	2.49	84.74	0.72

Test Graphs





---End---