

Appendix Test Data

Report No:	182512C400555101	Test Sample NO:	1-2-2
Start Test Date:	2024.08.19	Finish Test Date:	2024.08.19
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3°C	Relative Humidity:	45%
Pressure:	101 kPa		

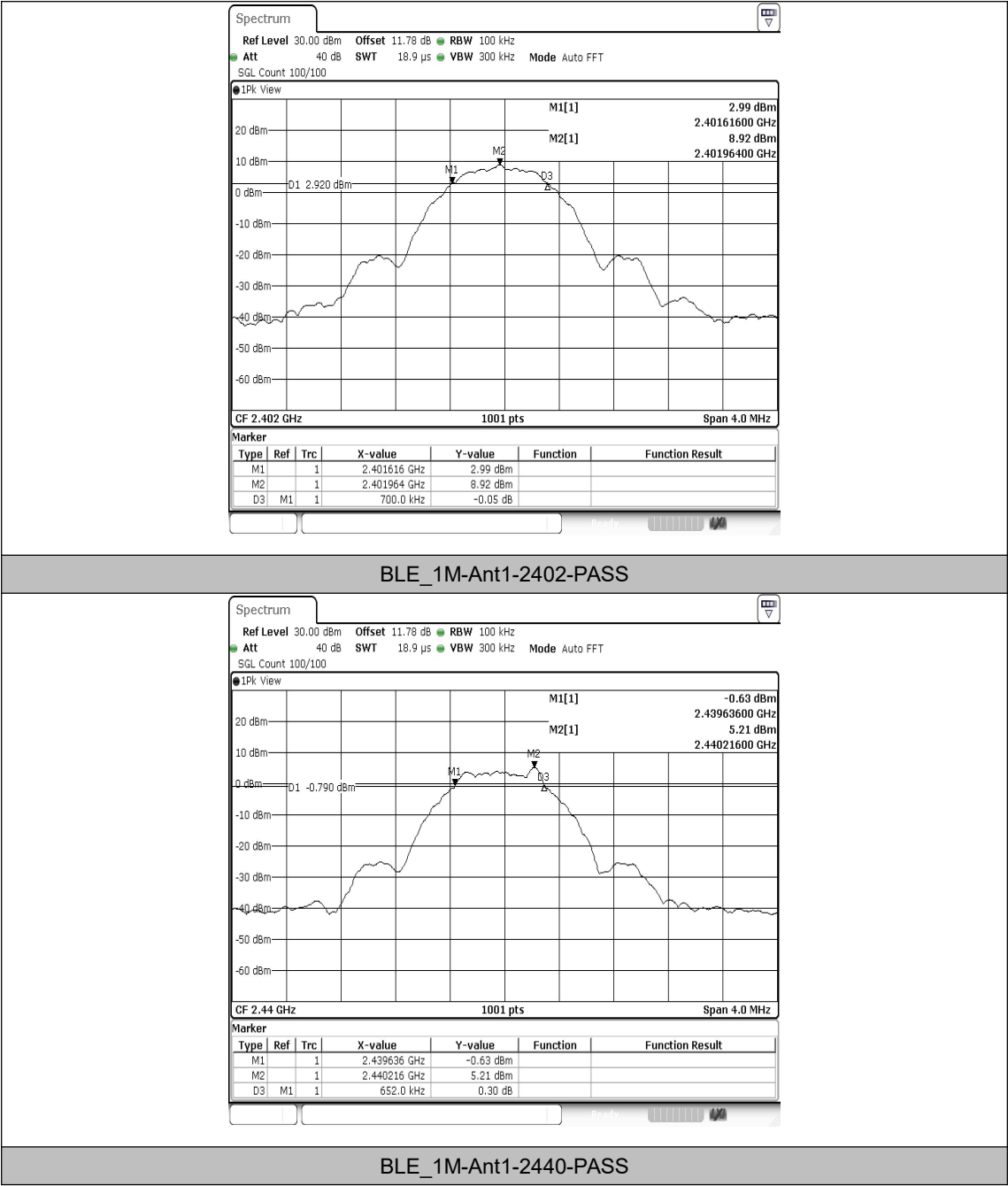
Appendix A: DTS Bandwidth

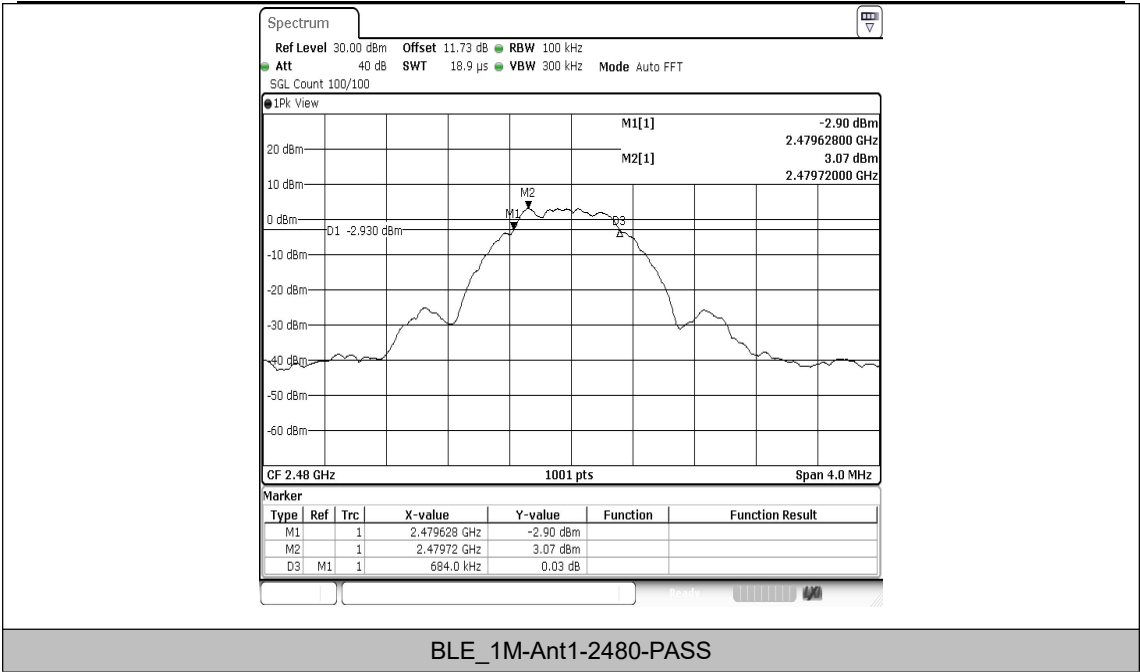
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.62	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.65	2439.64	2440.29	0.5	PASS
BLE_1M	Ant1	2480	0.68	2479.63	2480.31	0.5	PASS



Test Graphs





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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.023	2401.4565	2402.4795	---	---
BLE_1M	Ant1	2440	1.027	2439.4565	2440.4835	---	---
BLE_1M	Ant1	2480	1.027	2479.4565	2480.4835	---	---

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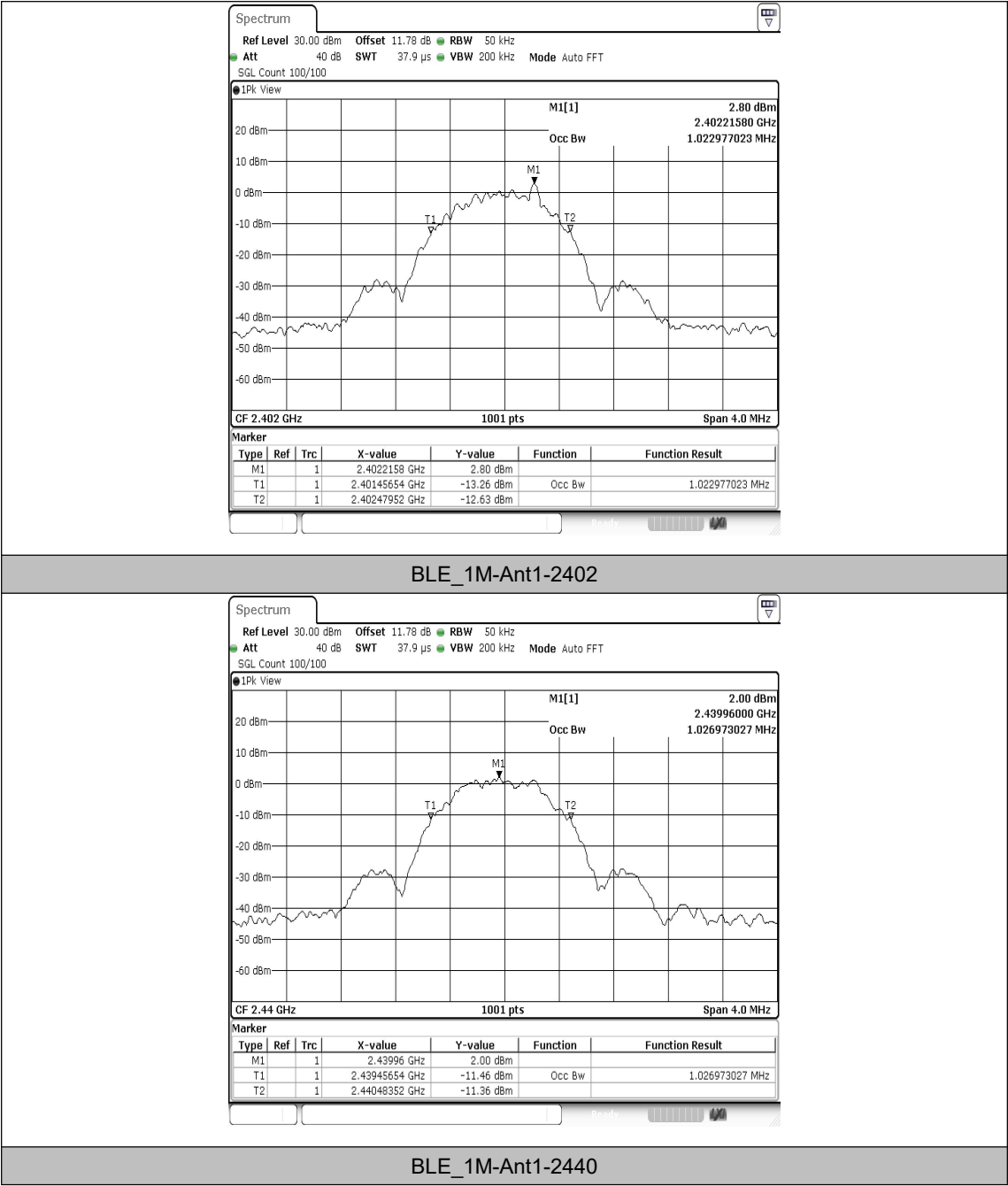
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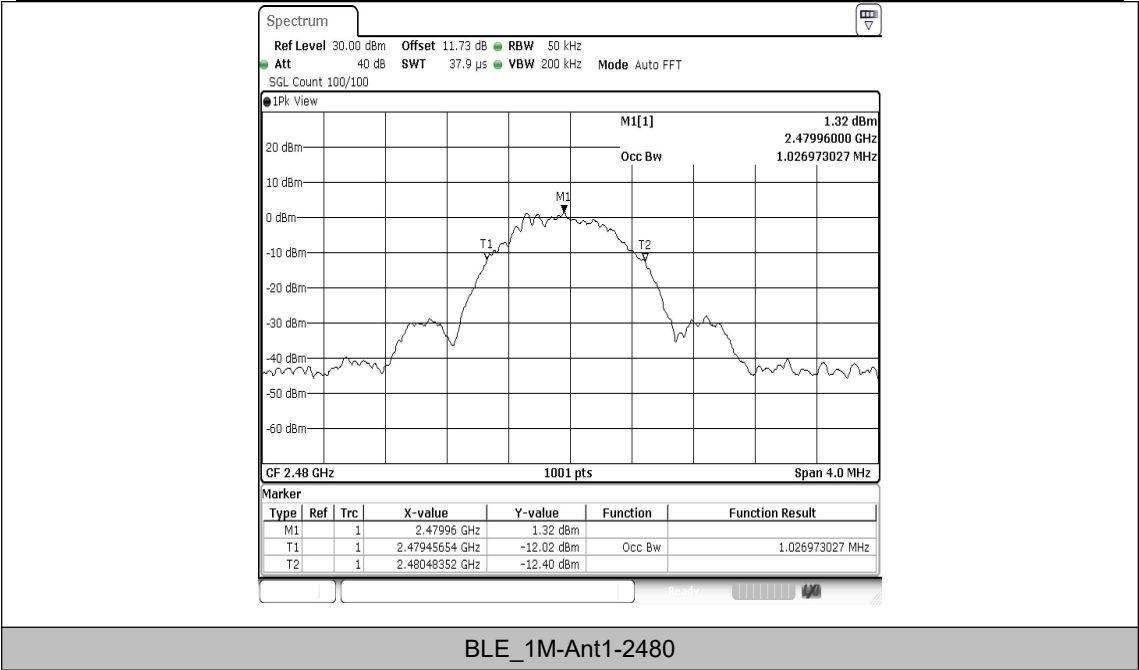


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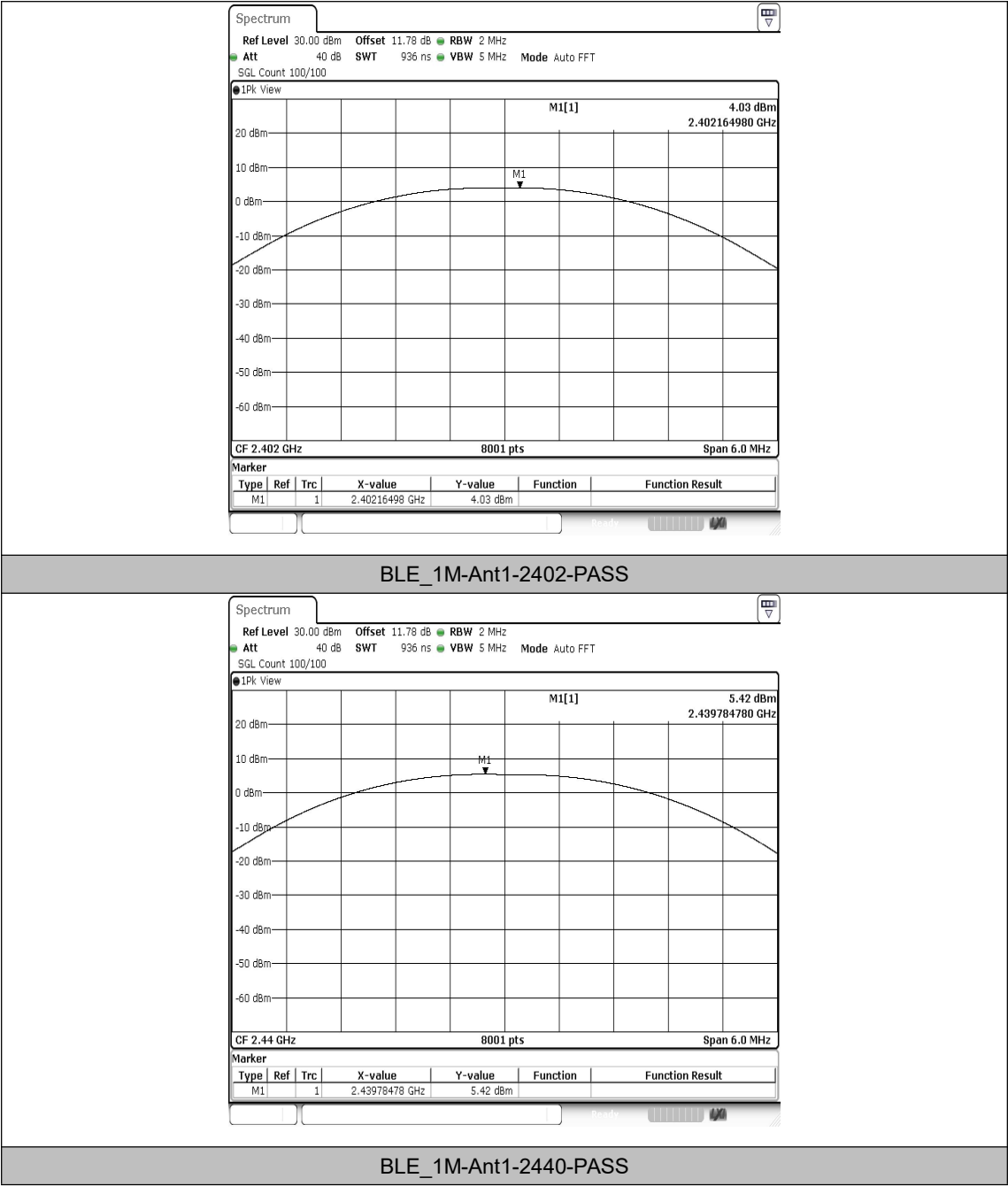
Appendix C: Maximum conducted output power

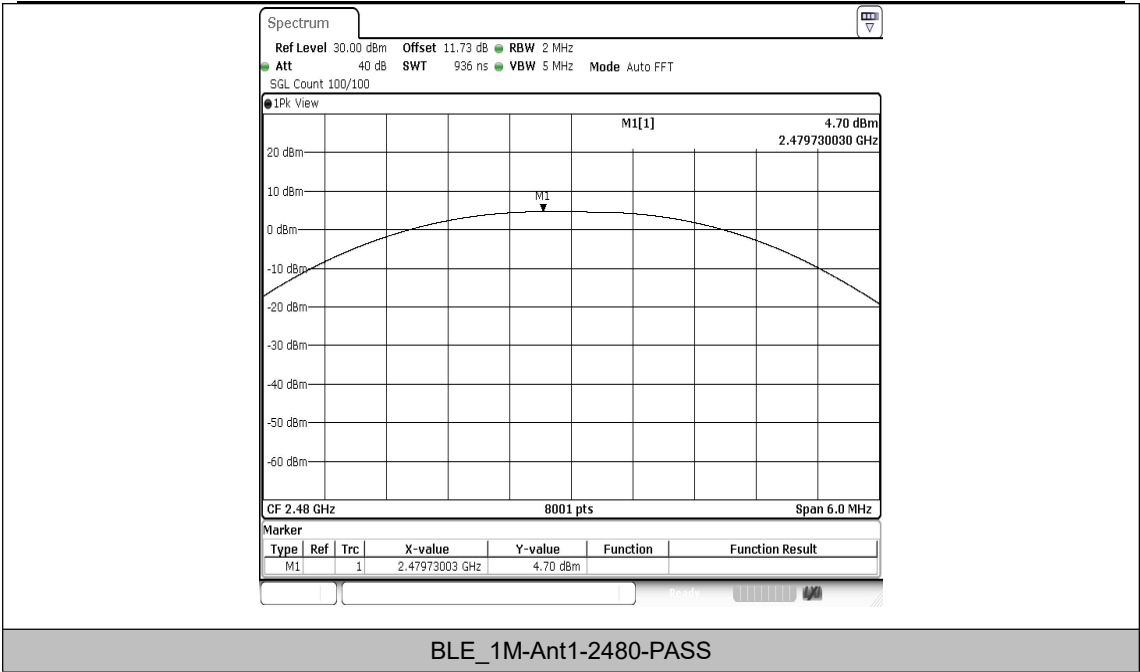
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.03	≤30	PASS
BLE_1M	Ant1	2440	5.42	≤30	PASS
BLE_1M	Ant1	2480	4.70	≤30	PASS



Test Graphs Peak





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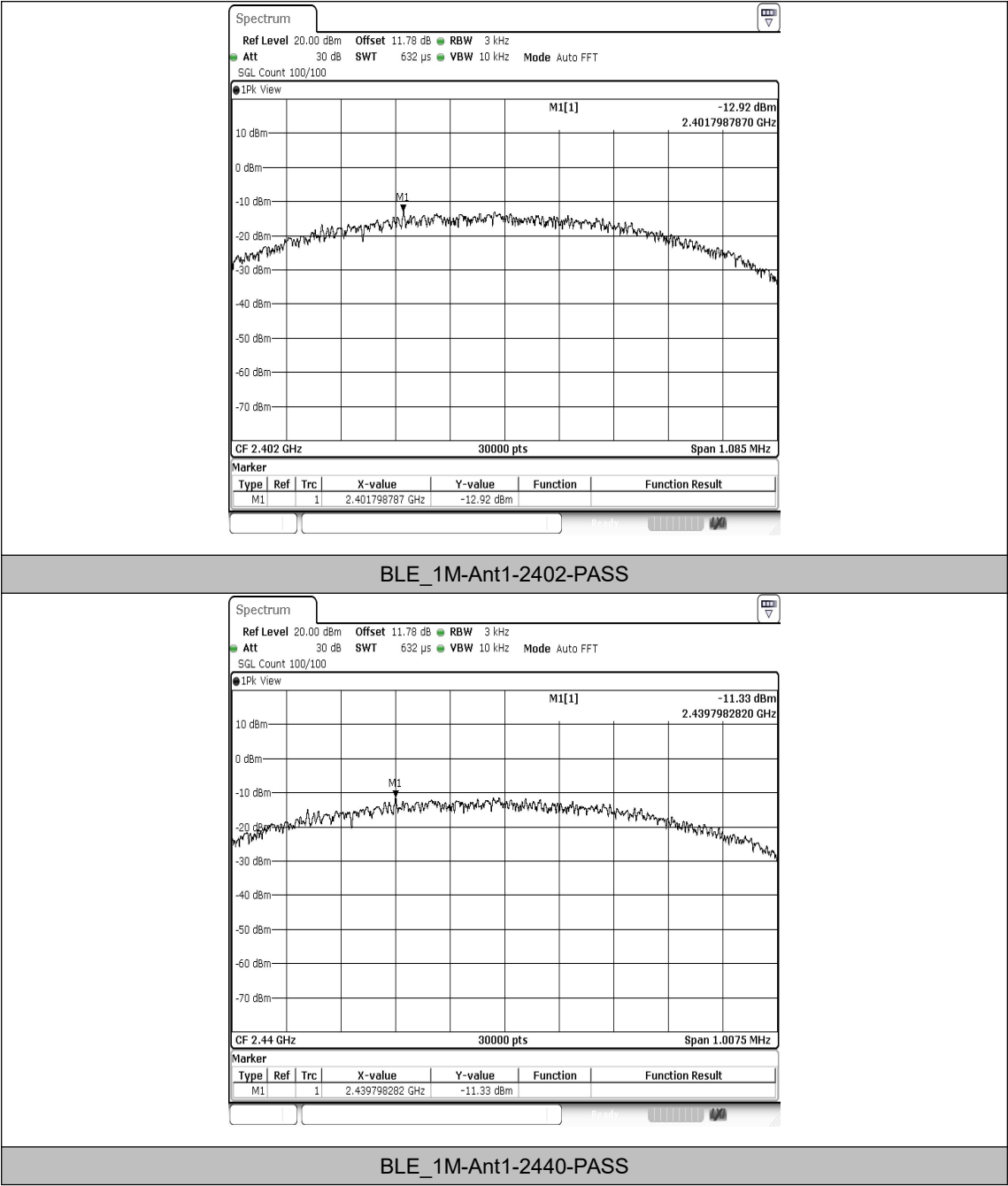
Appendix D: Maximum power spectral density

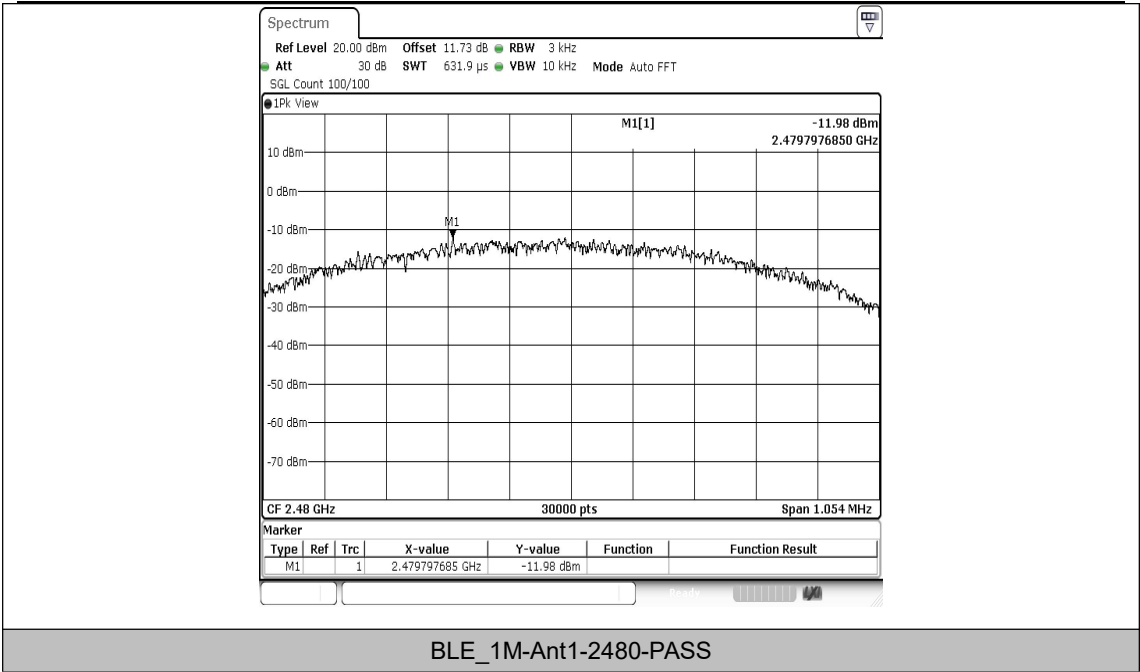
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.92	≤8.00	PASS
BLE_1M	Ant1	2440	-11.33	≤8.00	PASS
BLE_1M	Ant1	2480	-11.98	≤8.00	PASS



Test Graphs





BLE_1M-Ant1-2480-PASS

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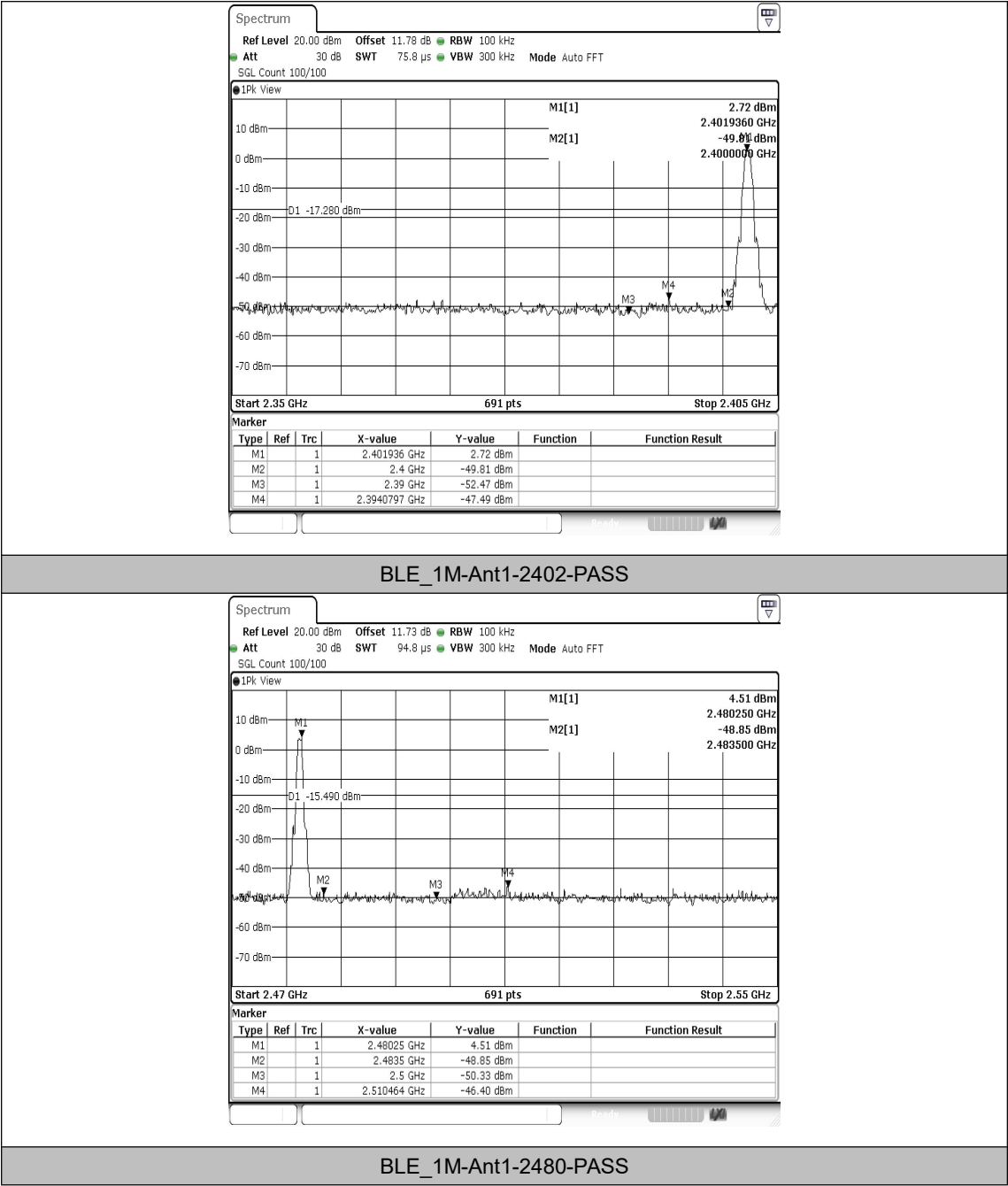
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.72	-47.49	≤-17.28	PASS
BLE_1M	Ant1	High	2480	4.51	-46.4	≤-15.49	PASS



Test Graphs



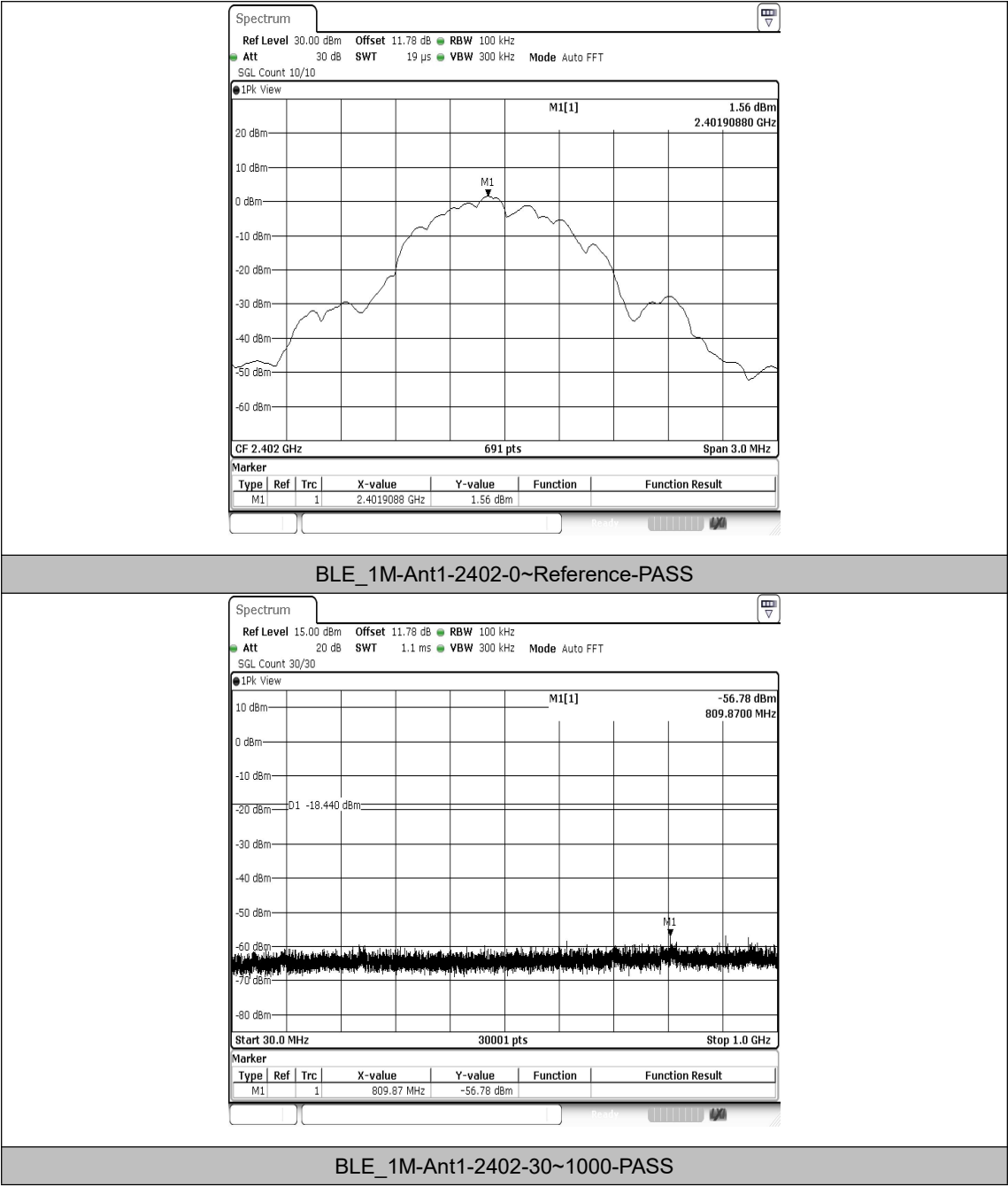
Appendix F: Conducted Spurious Emission

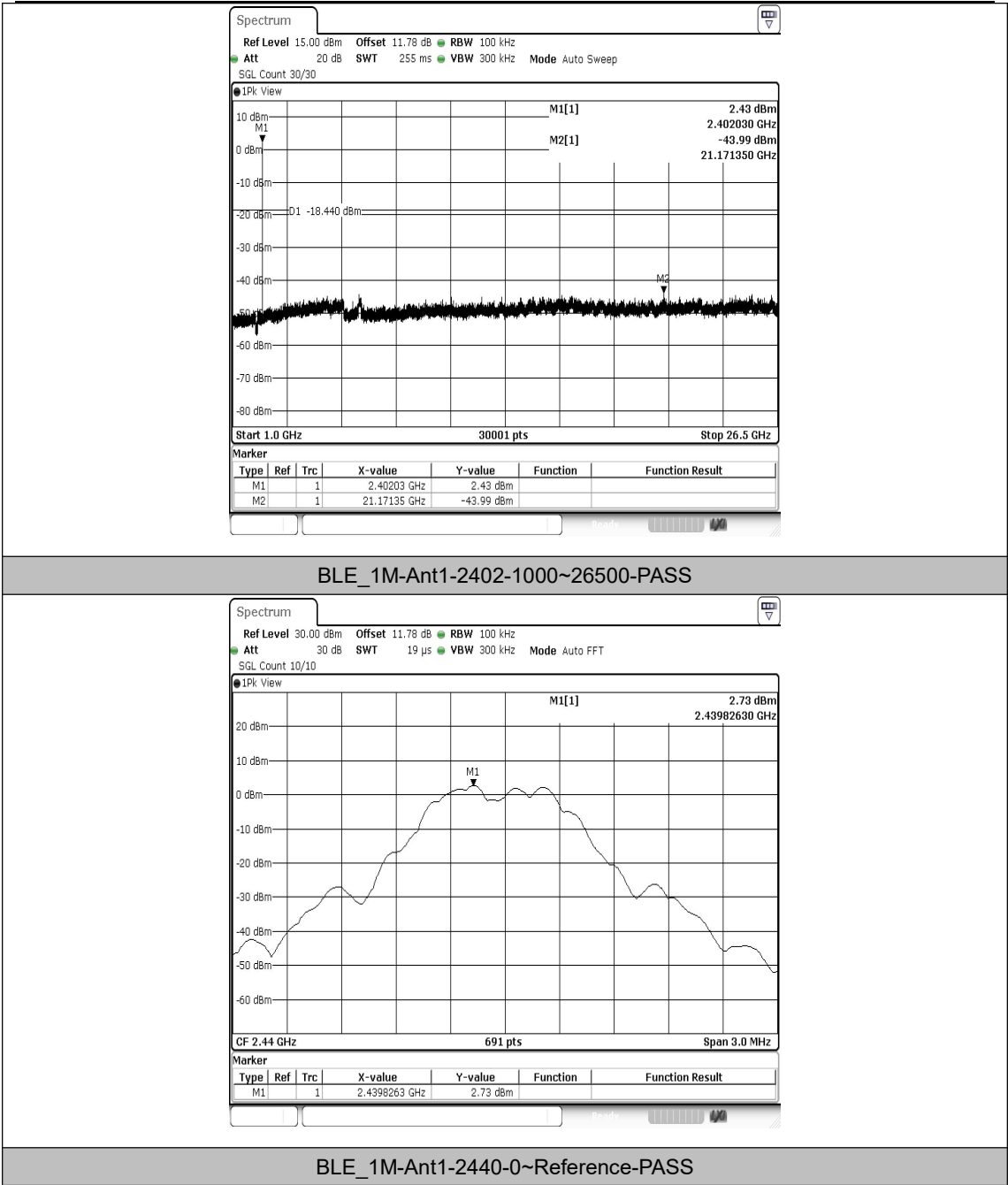
Test Result

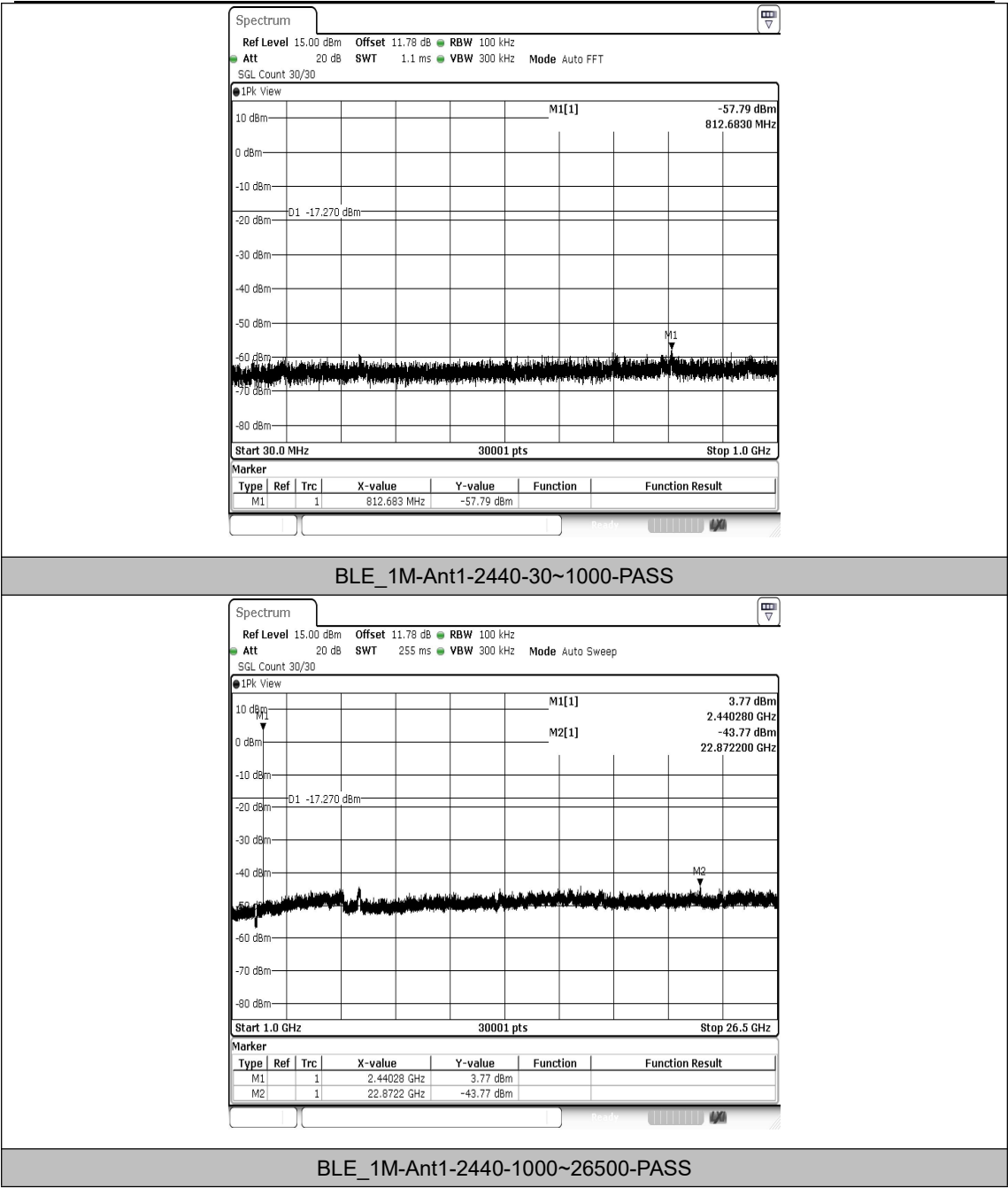
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.56	1.56	---	PASS
BLE_1M	Ant1	2402	30~1000	1.56	-56.78	≤-18.44	PASS
BLE_1M	Ant1	2402	1000~26500	1.56	-43.99	≤-18.44	PASS
BLE_1M	Ant1	2440	0~Reference	2.73	2.73	---	PASS
BLE_1M	Ant1	2440	30~1000	2.73	-57.79	≤-17.27	PASS
BLE_1M	Ant1	2440	1000~26500	2.73	-43.77	≤-17.27	PASS
BLE_1M	Ant1	2480	0~Reference	3.11	3.11	---	PASS
BLE_1M	Ant1	2480	30~1000	3.11	-57.24	≤-16.89	PASS
BLE_1M	Ant1	2480	1000~26500	3.11	-43.67	≤-16.89	PASS

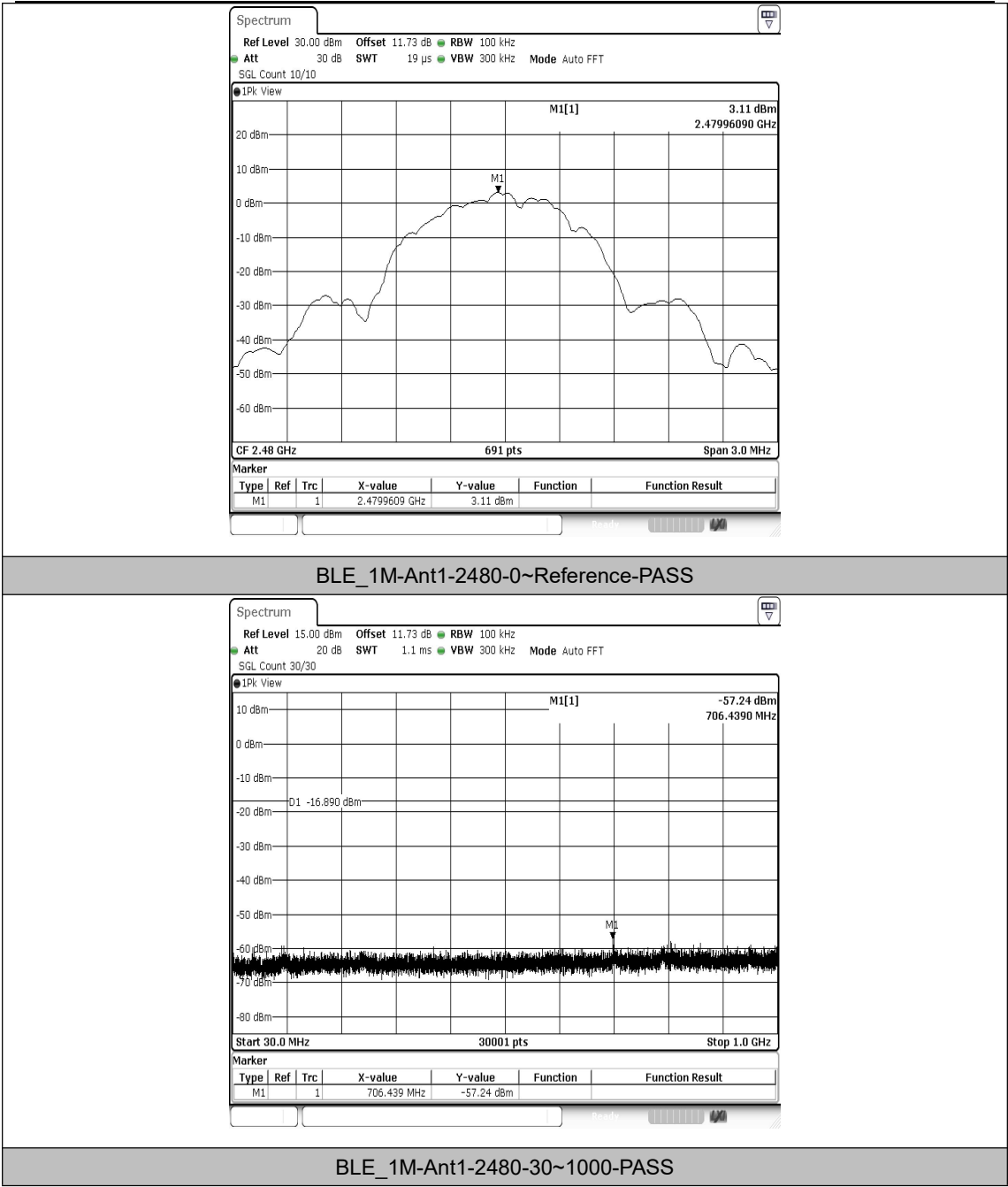


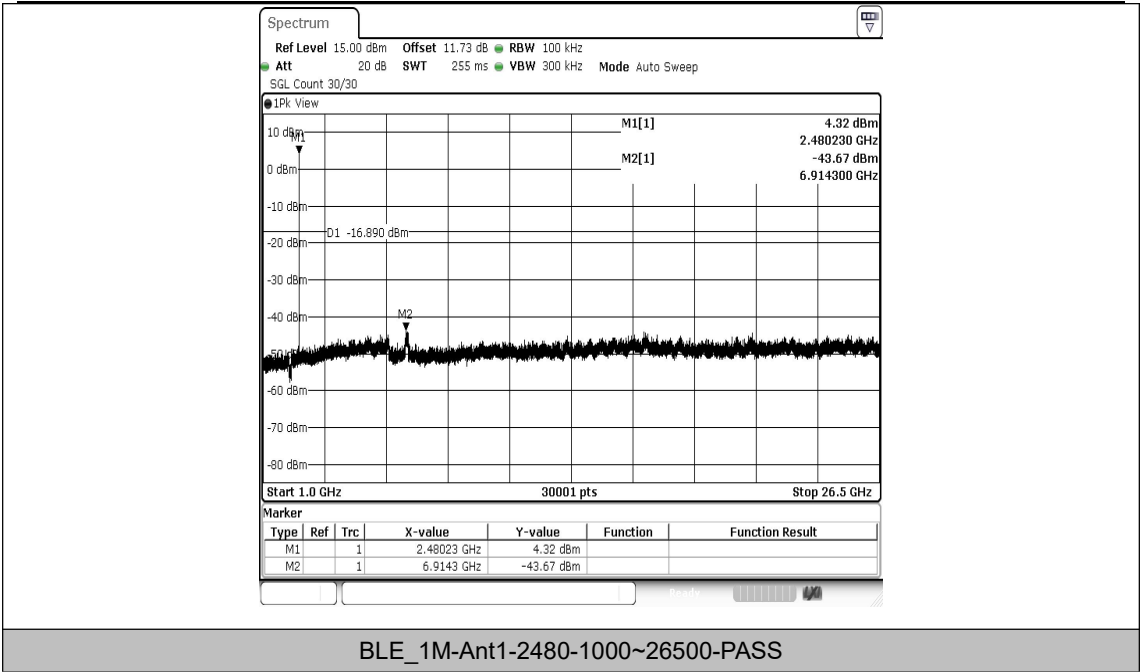
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.14	2.51	85.26	0.69
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70

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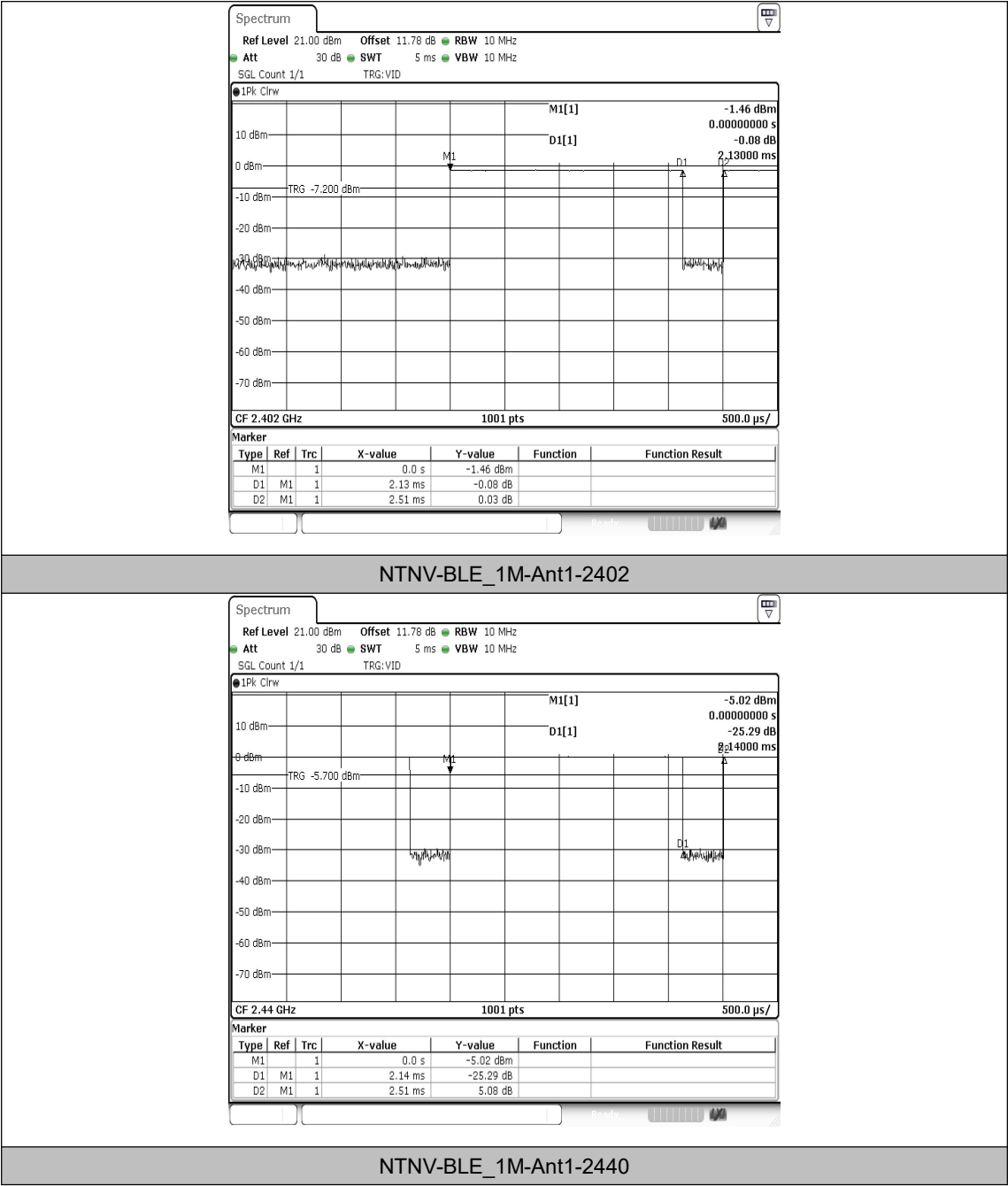
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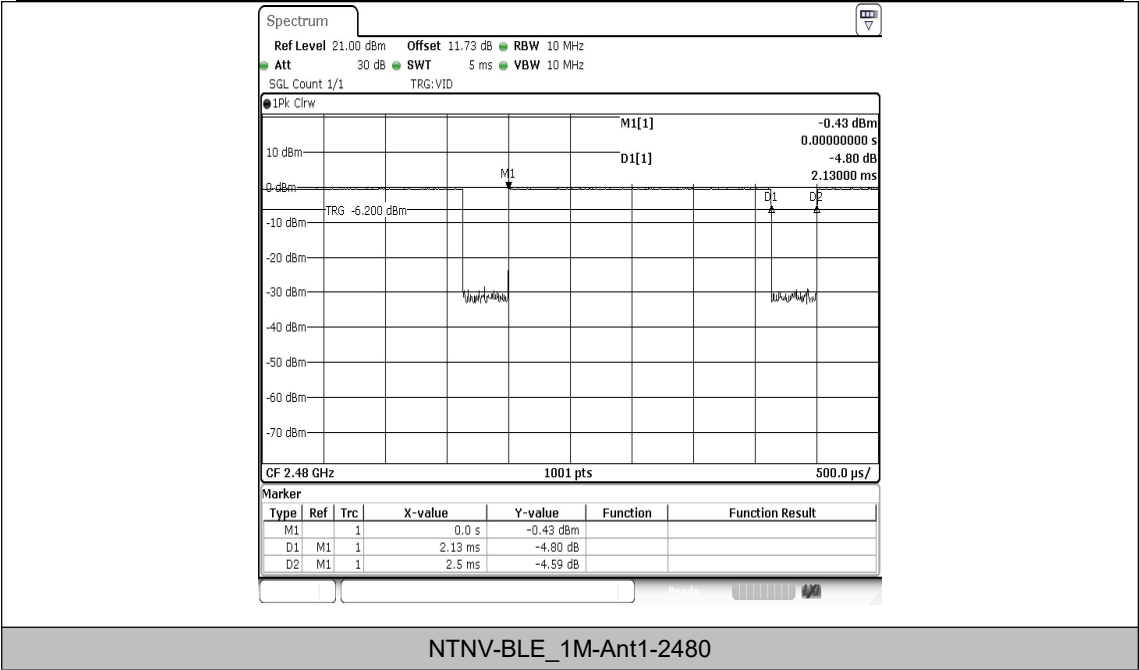


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