

Appendix Test Data

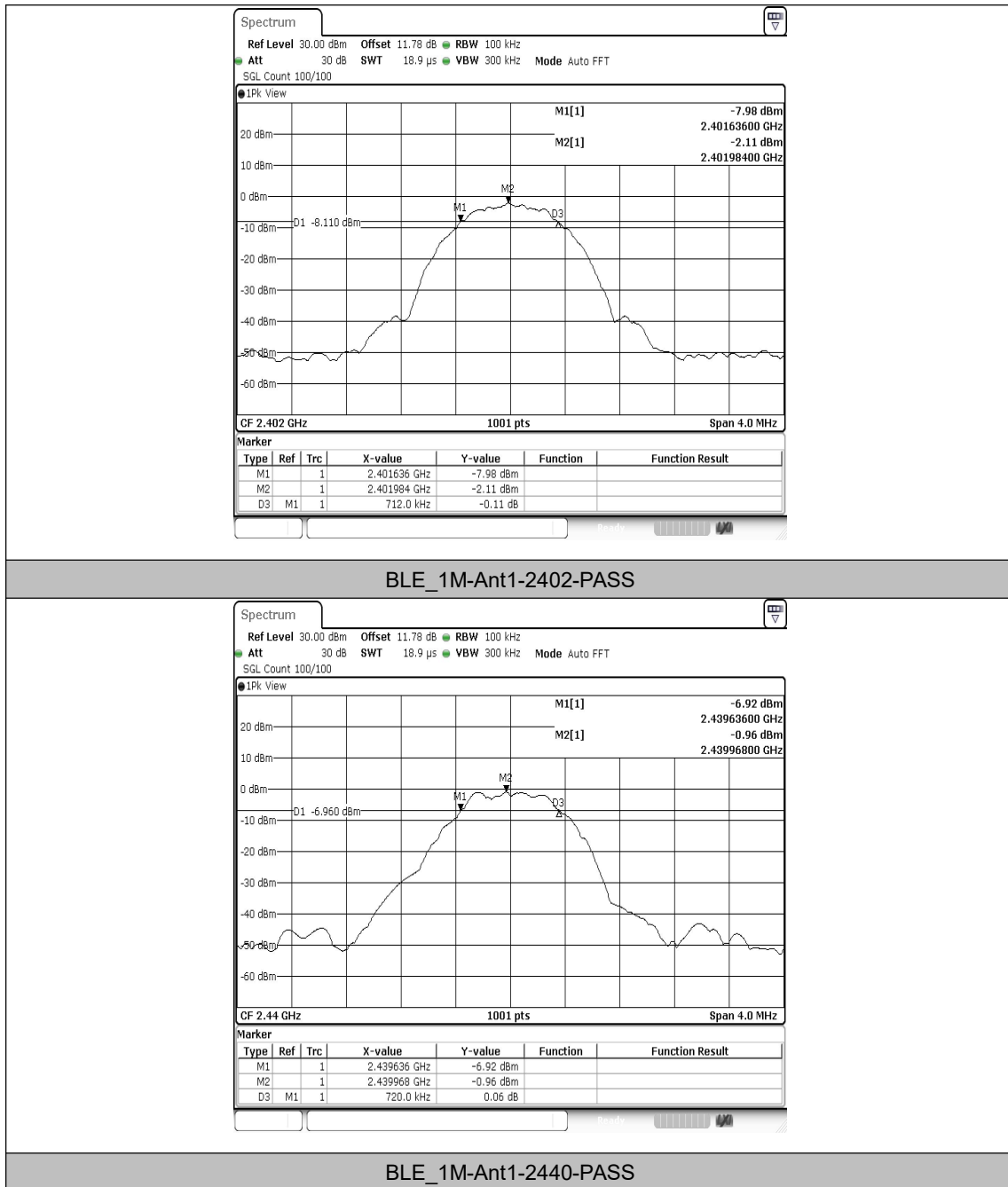
Report No.:	1812C50037912501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.7	Finish Test Date:	2025.2.12
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	22.8°C	Relative Humidity:	63%
Pressure:	101kPa		

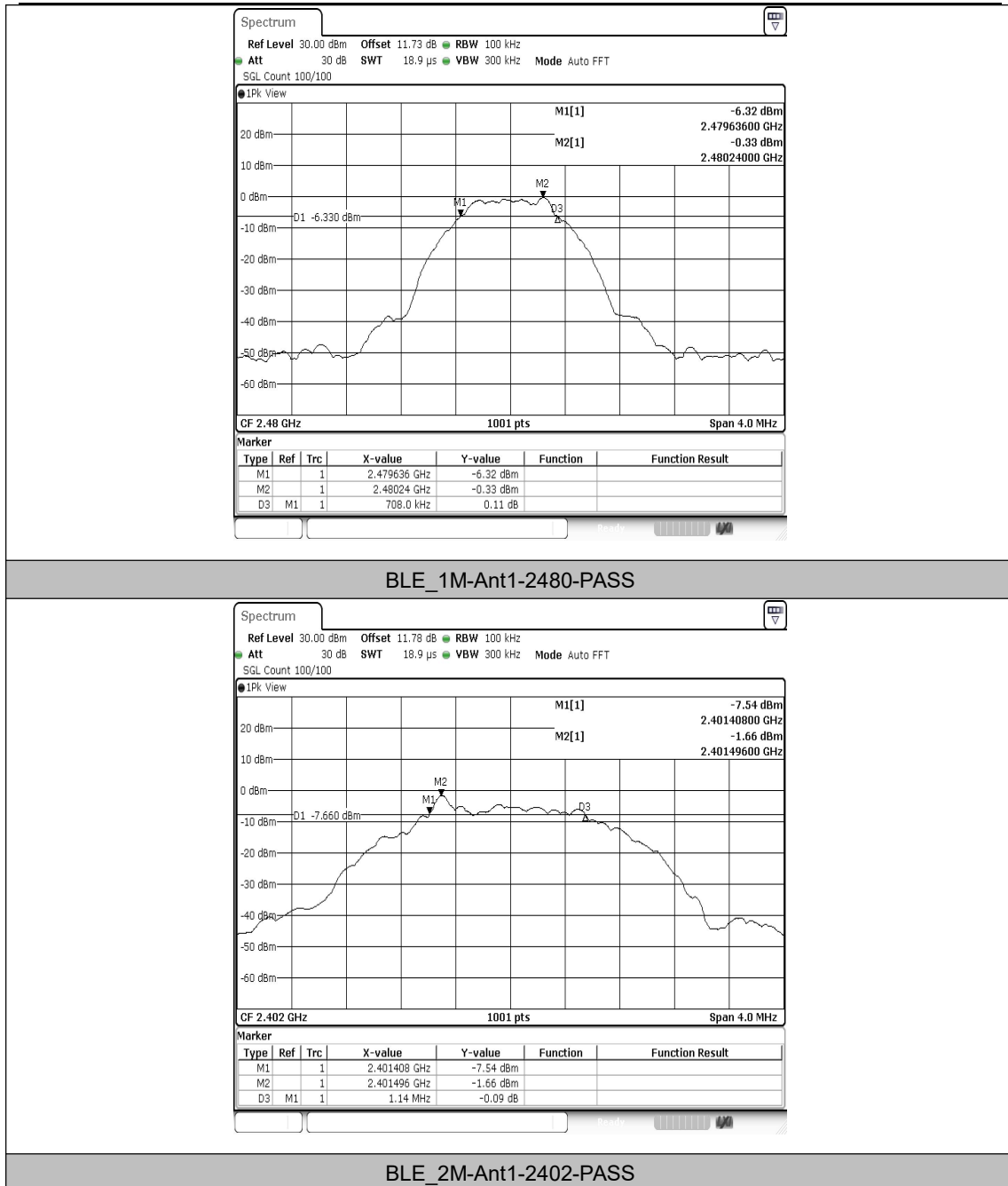
Appendix A: 6dB Bandwidth

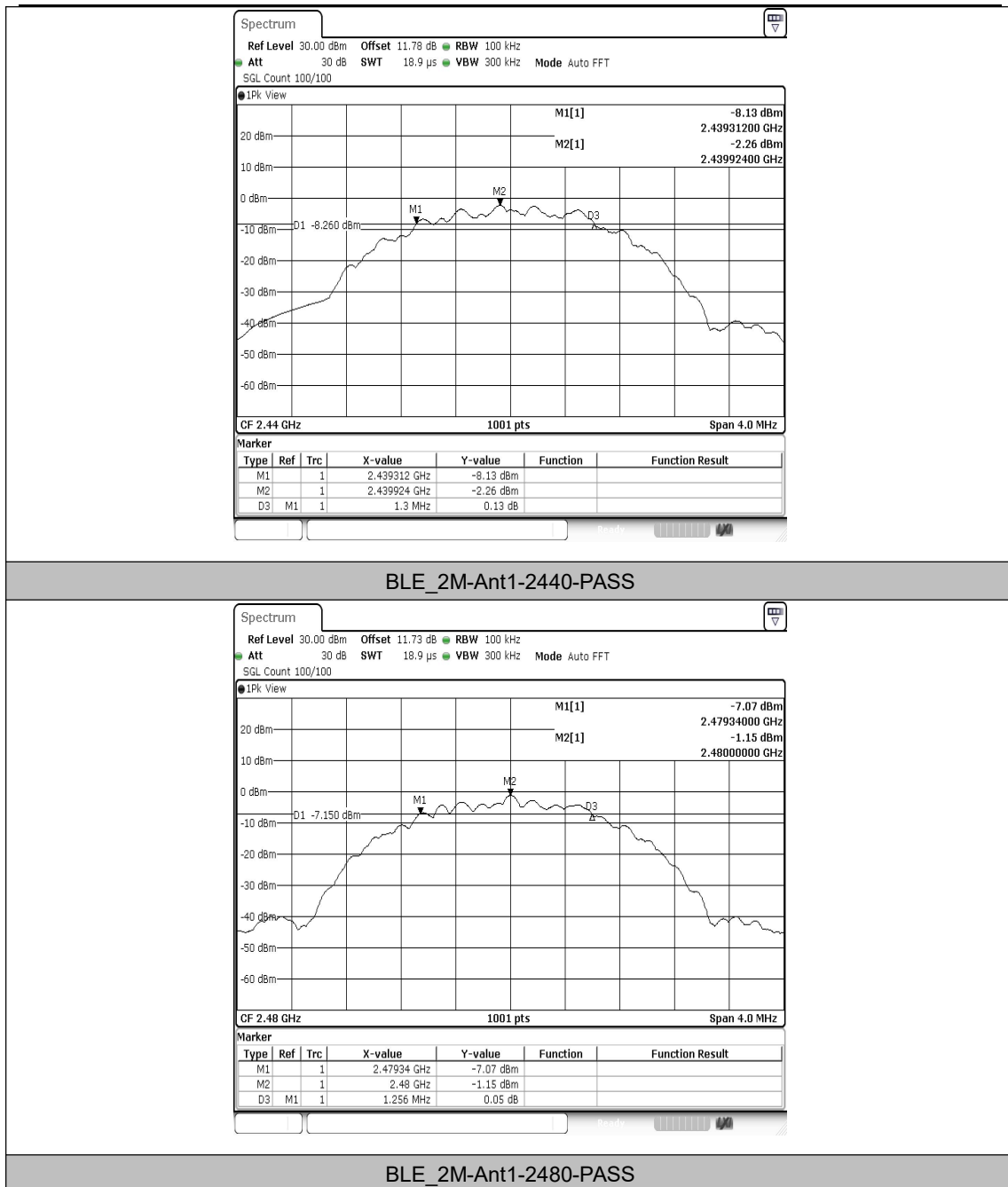
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.64	2402.35	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.64	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.71	2479.64	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.14	2401.41	2402.55	0.5	PASS
BLE_2M	Ant1	2440	1.30	2439.31	2440.61	0.5	PASS
BLE_2M	Ant1	2480	1.26	2479.34	2480.60	0.5	PASS

Test Graphs







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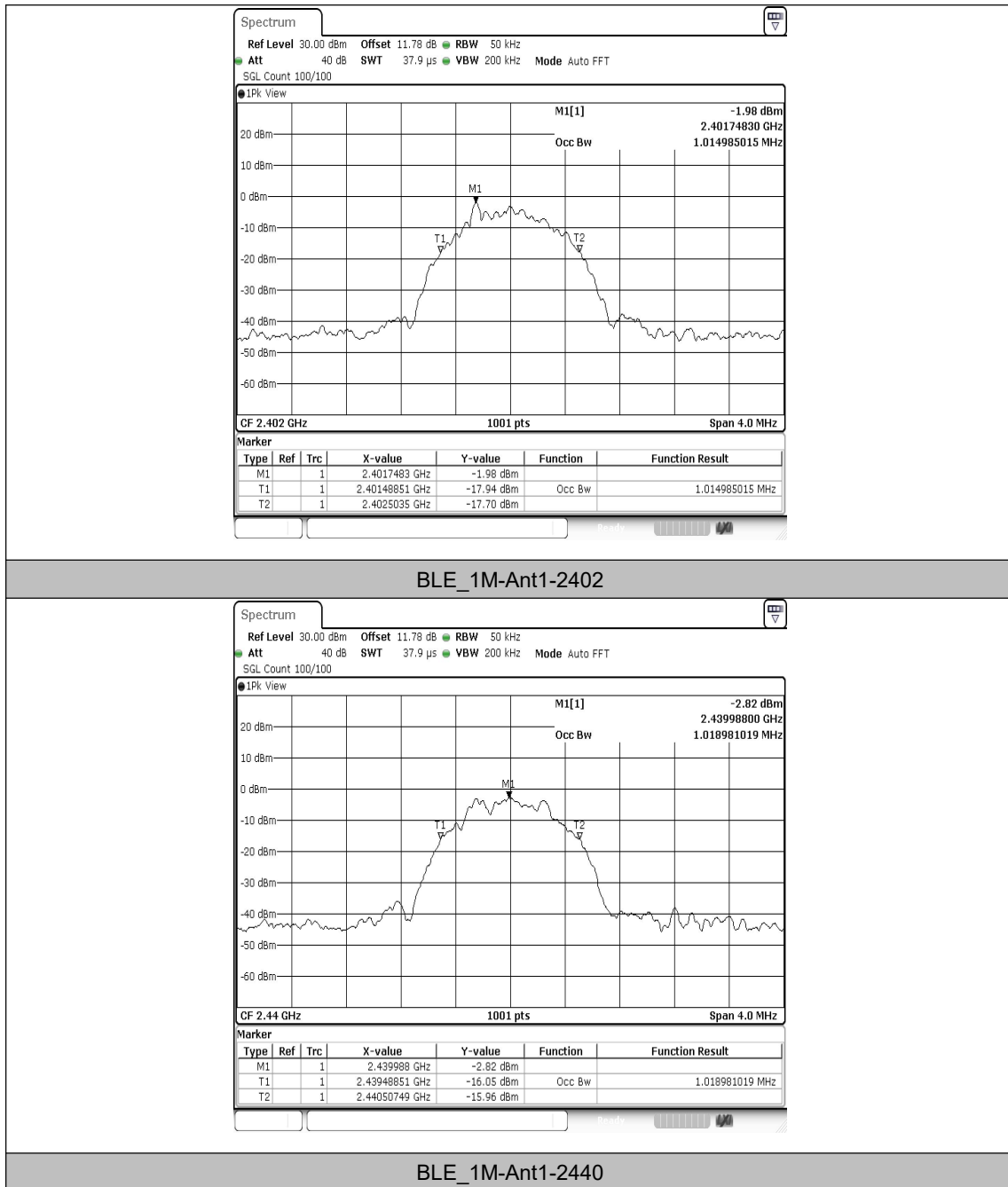
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.015	2401.4885	2402.5035	---	---
BLE_1M	Ant1	2440	1.019	2439.4885	2440.5075	---	---
BLE_1M	Ant1	2480	1.015	2479.4925	2480.5075	---	---
BLE_2M	Ant1	2402	2.046	2400.9850	2403.0310	---	---
BLE_2M	Ant1	2440	2.002	2439.0130	2441.0150	---	---
BLE_2M	Ant1	2480	2.026	2479.0010	2481.0270	---	---

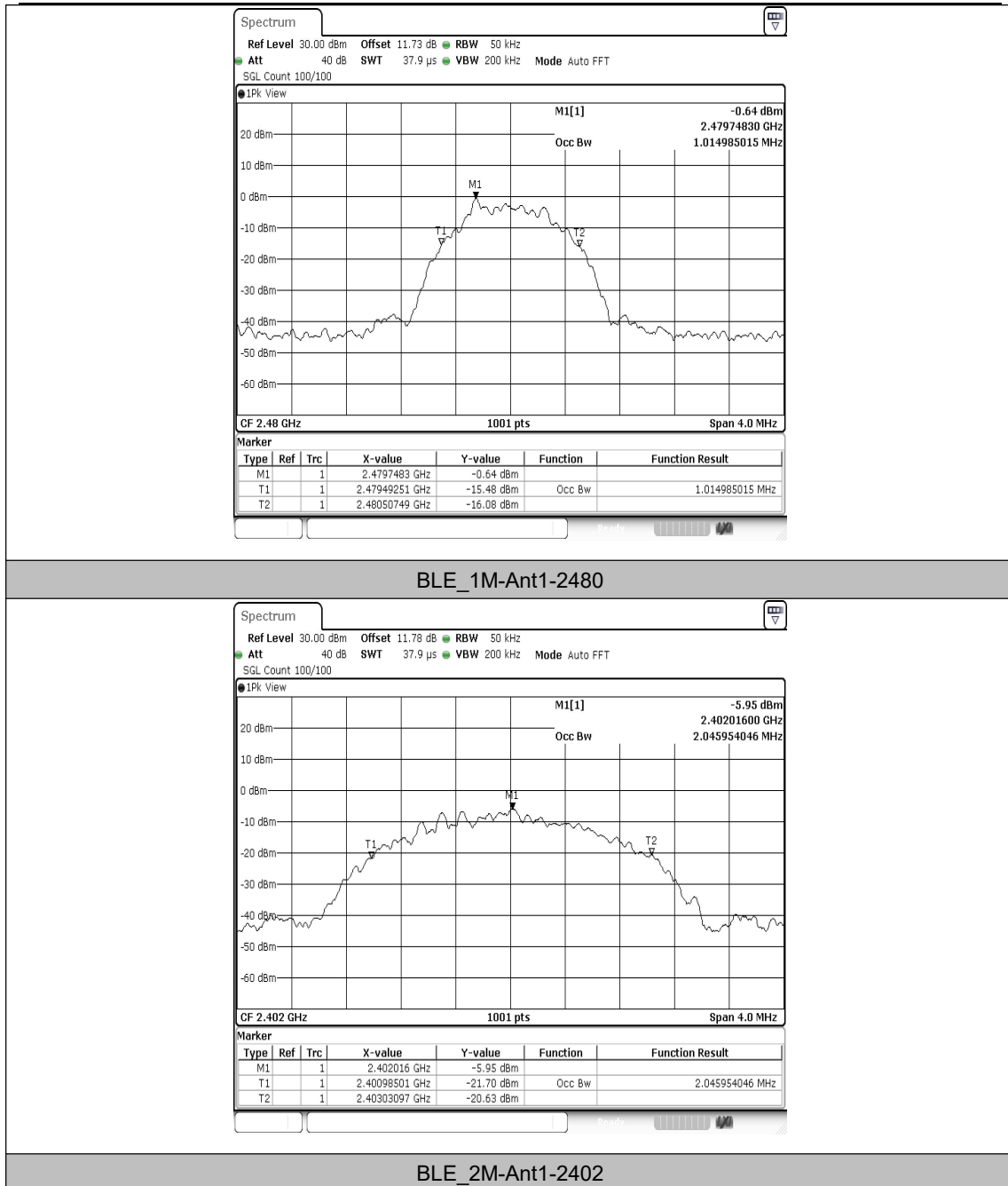
Test Graphs

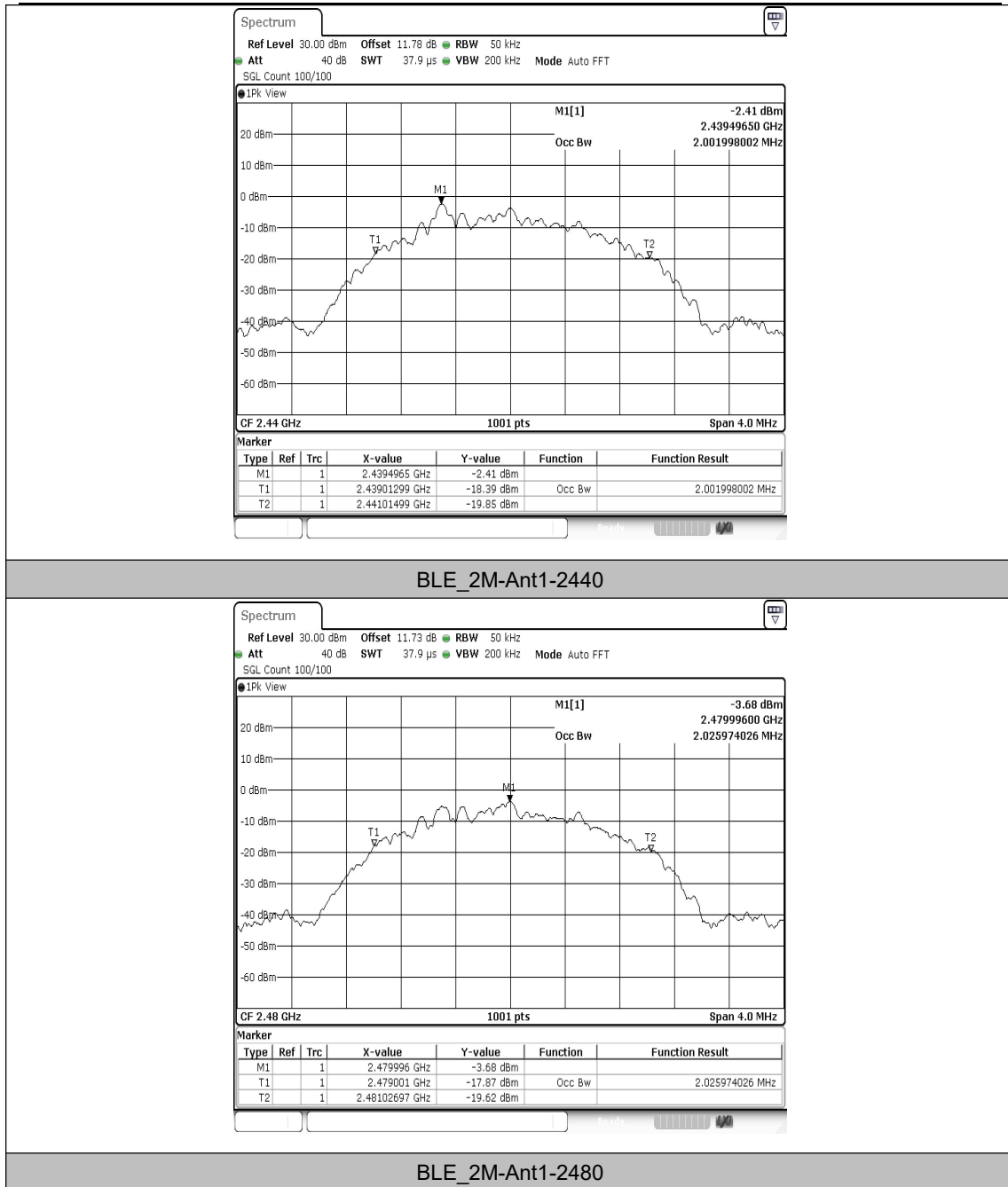


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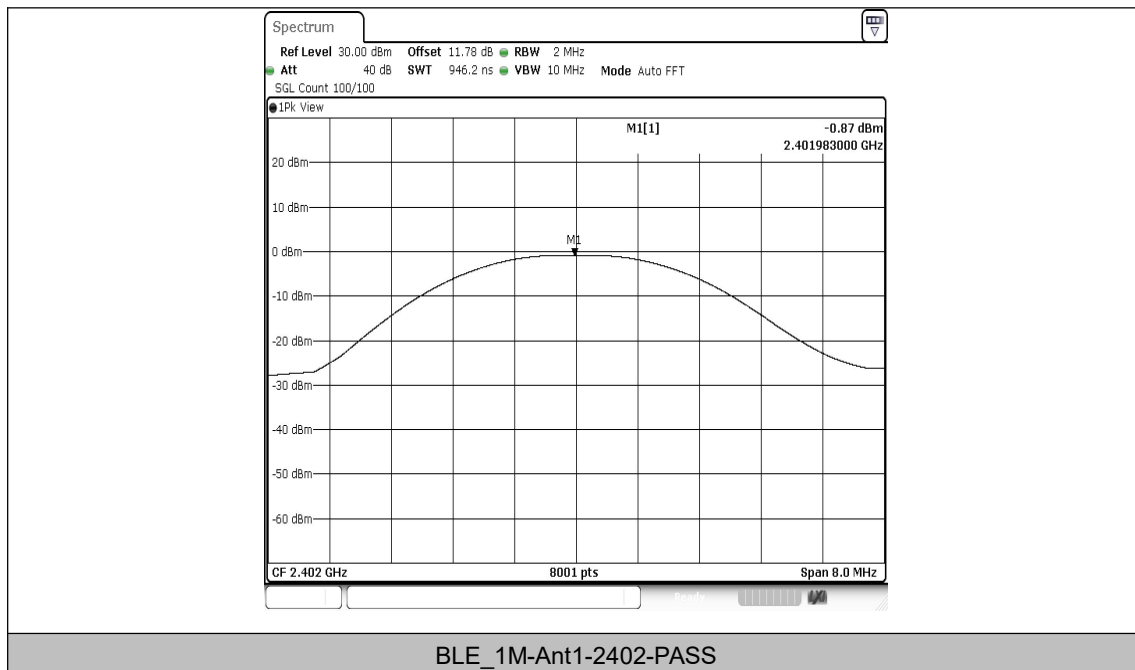


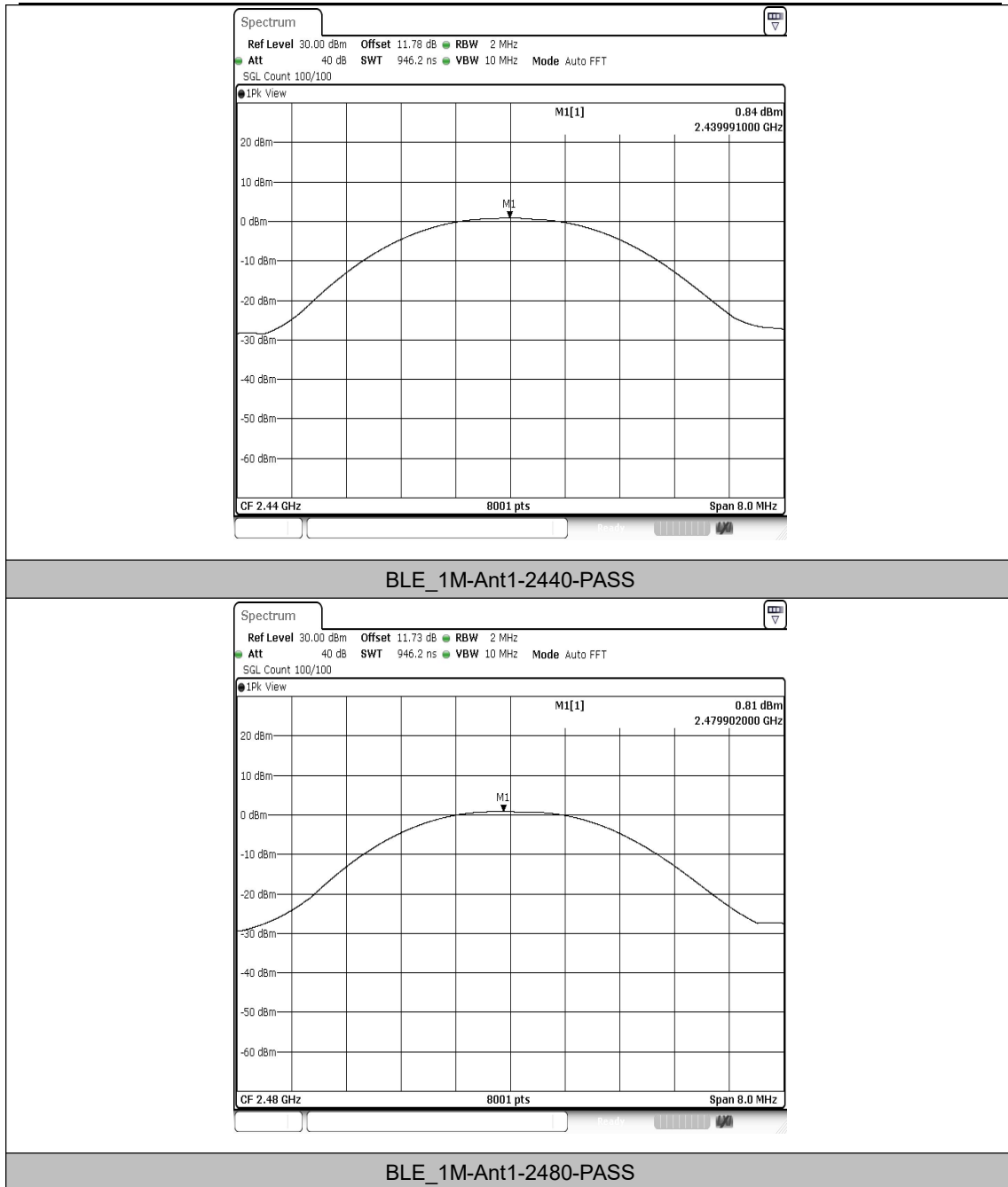
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.87	≤30	PASS
BLE_1M	Ant1	2440	0.84	≤30	PASS
BLE_1M	Ant1	2480	0.81	≤30	PASS
BLE_2M	Ant1	2402	-0.79	≤30	PASS
BLE_2M	Ant1	2440	0.63	≤30	PASS
BLE_2M	Ant1	2480	0.72	≤30	PASS

Test Graphs Peak

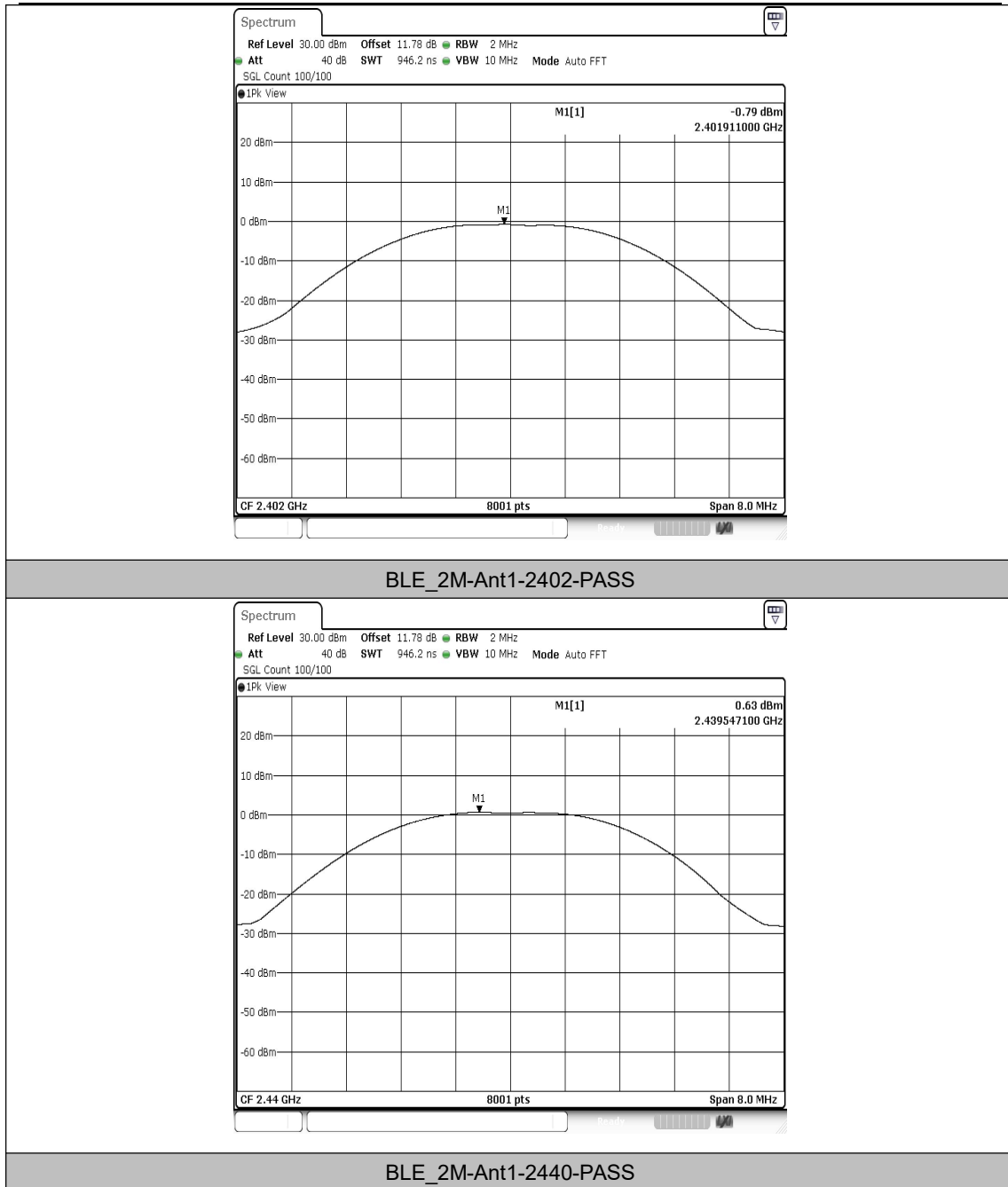




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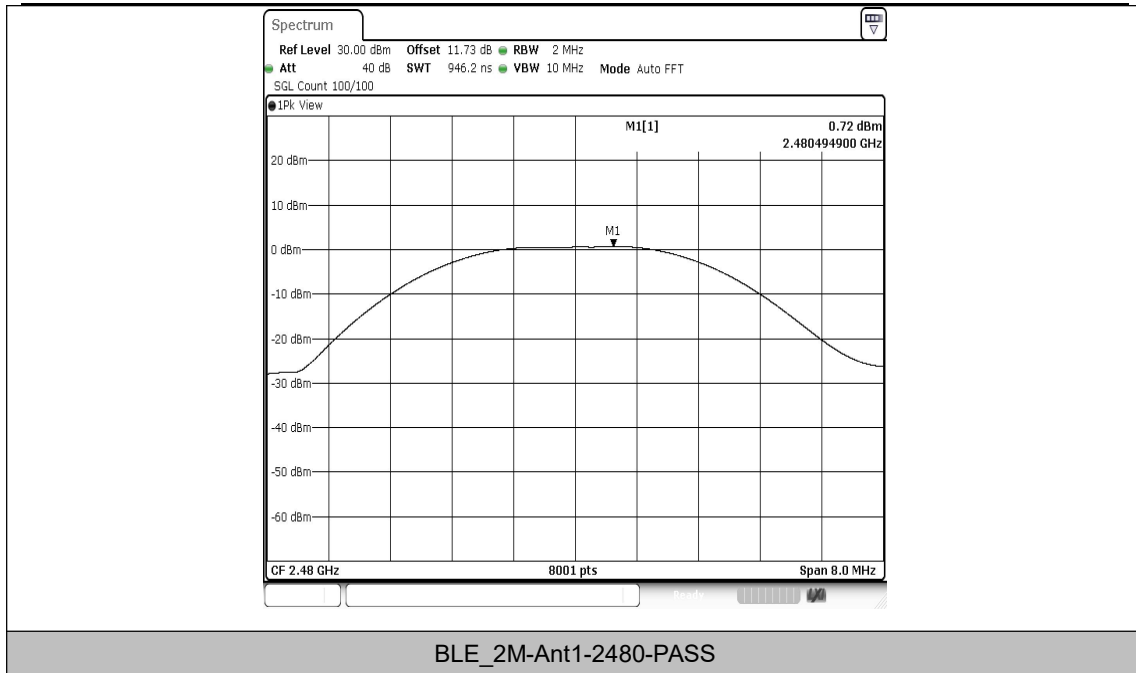
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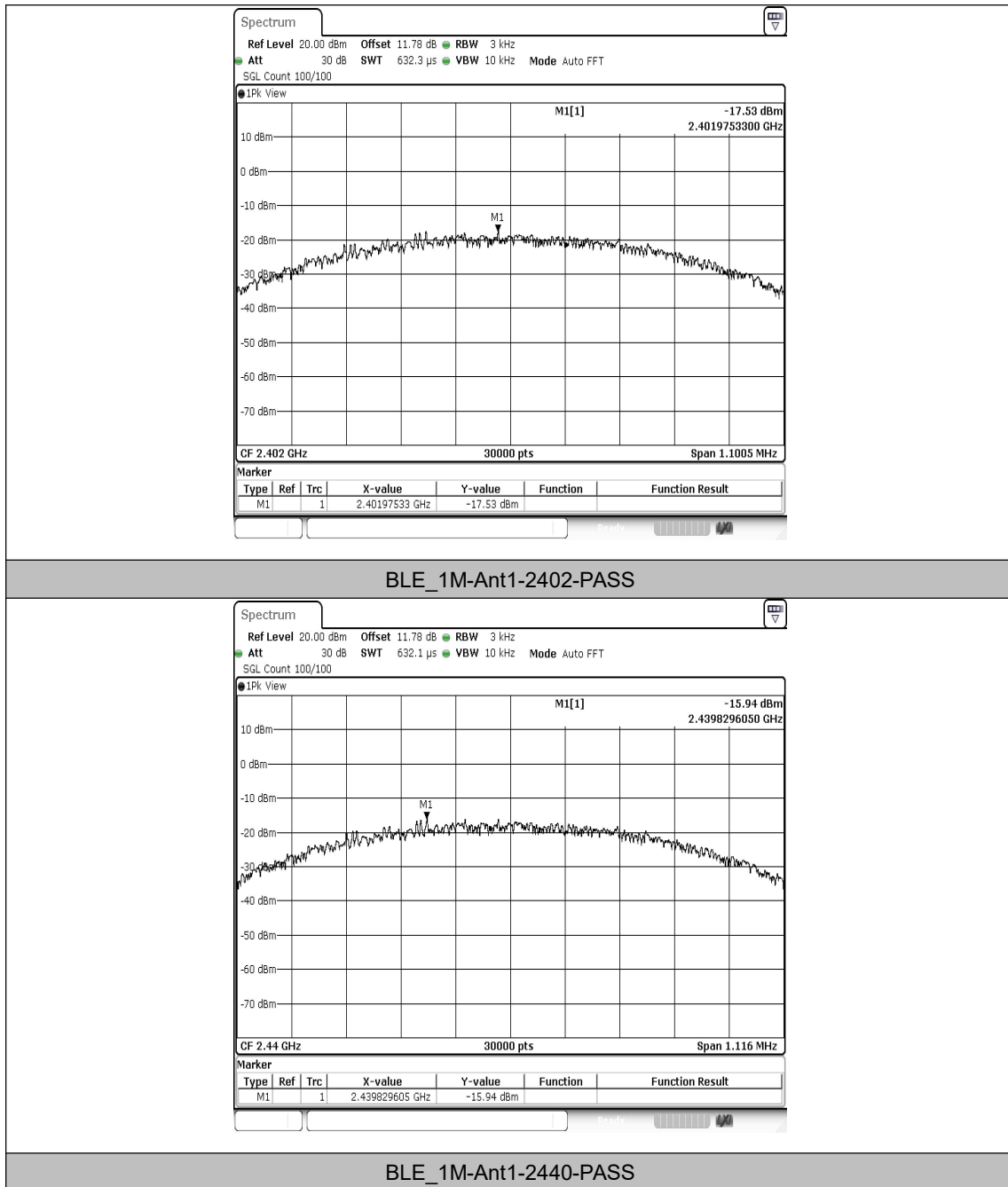
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.53	≤8.00	PASS
BLE_1M	Ant1	2440	-15.94	≤8.00	PASS
BLE_1M	Ant1	2480	-15.88	≤8.00	PASS
BLE_2M	Ant1	2402	-20.88	≤8.00	PASS
BLE_2M	Ant1	2440	-19.34	≤8.00	PASS
BLE_2M	Ant1	2480	-19.04	≤8.00	PASS

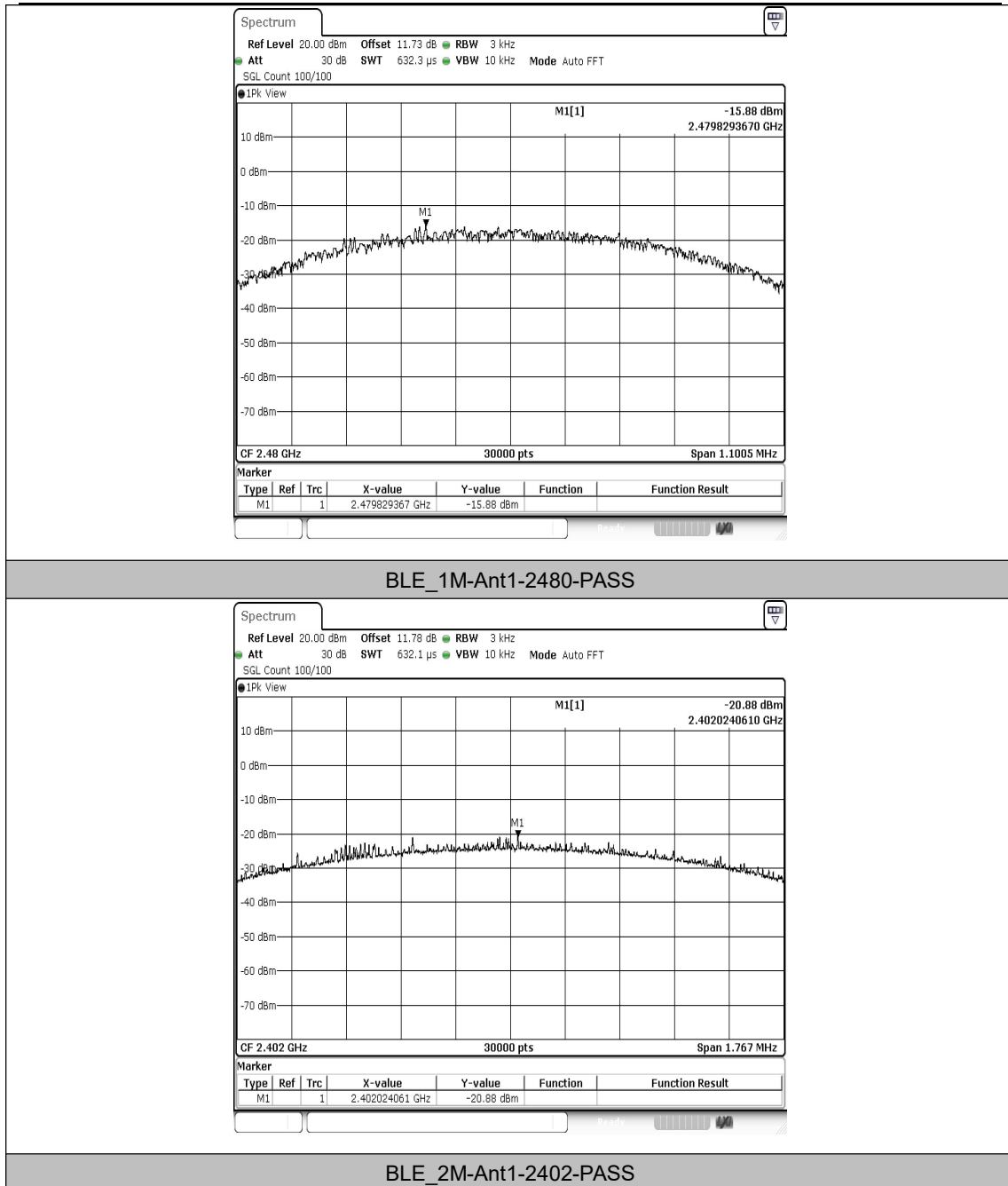
Test Graphs



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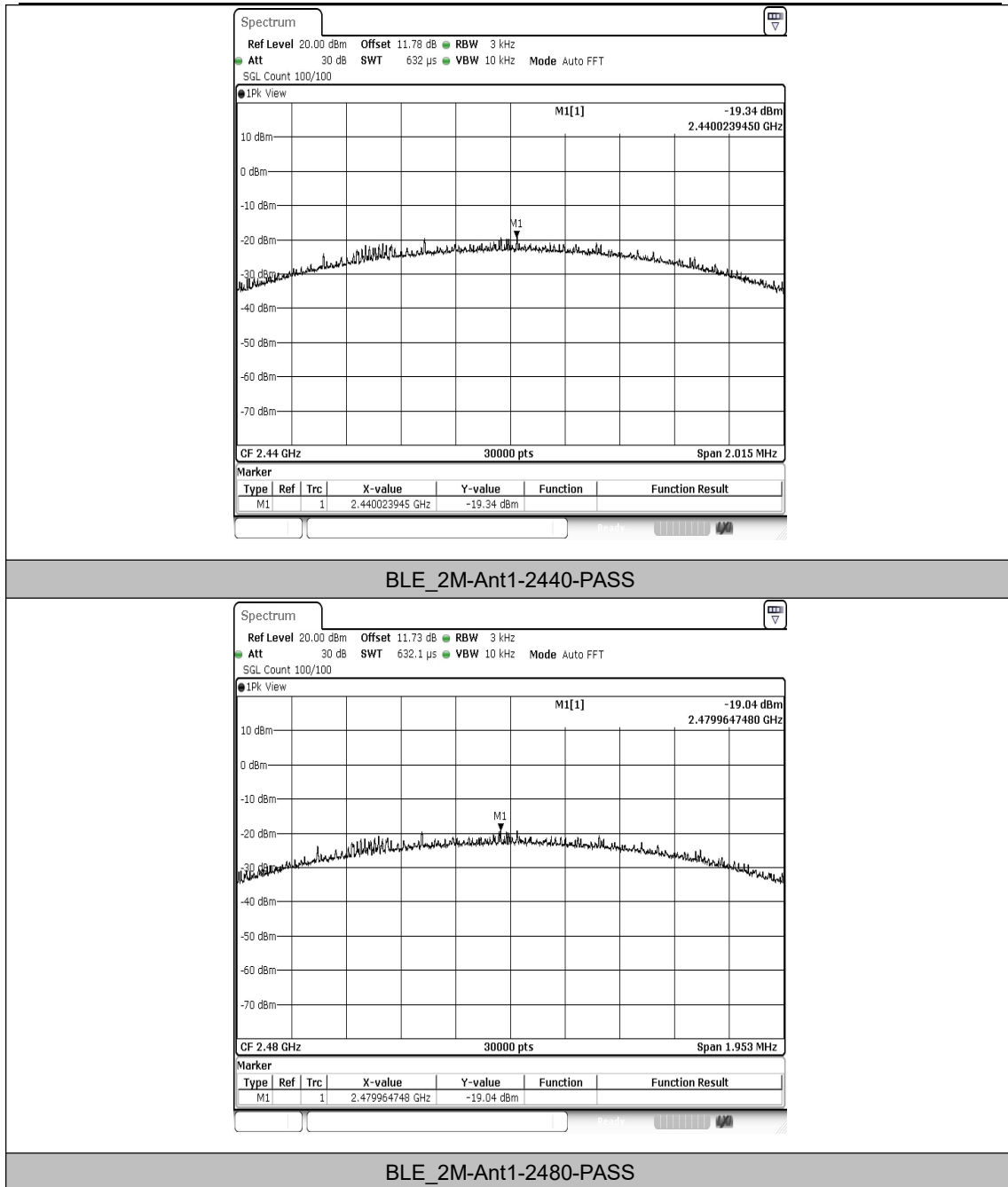
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.57	-47.09	≤-21.57	PASS
BLE_1M	Ant1	High	2480	0.48	-40.09	≤-19.52	PASS
BLE_2M	Ant1	Low	2402	-2.89	-46.94	≤-22.89	PASS
BLE_2M	Ant1	High	2480	-0.17	-32.54	≤-20.17	PASS