

Appendix Test Data

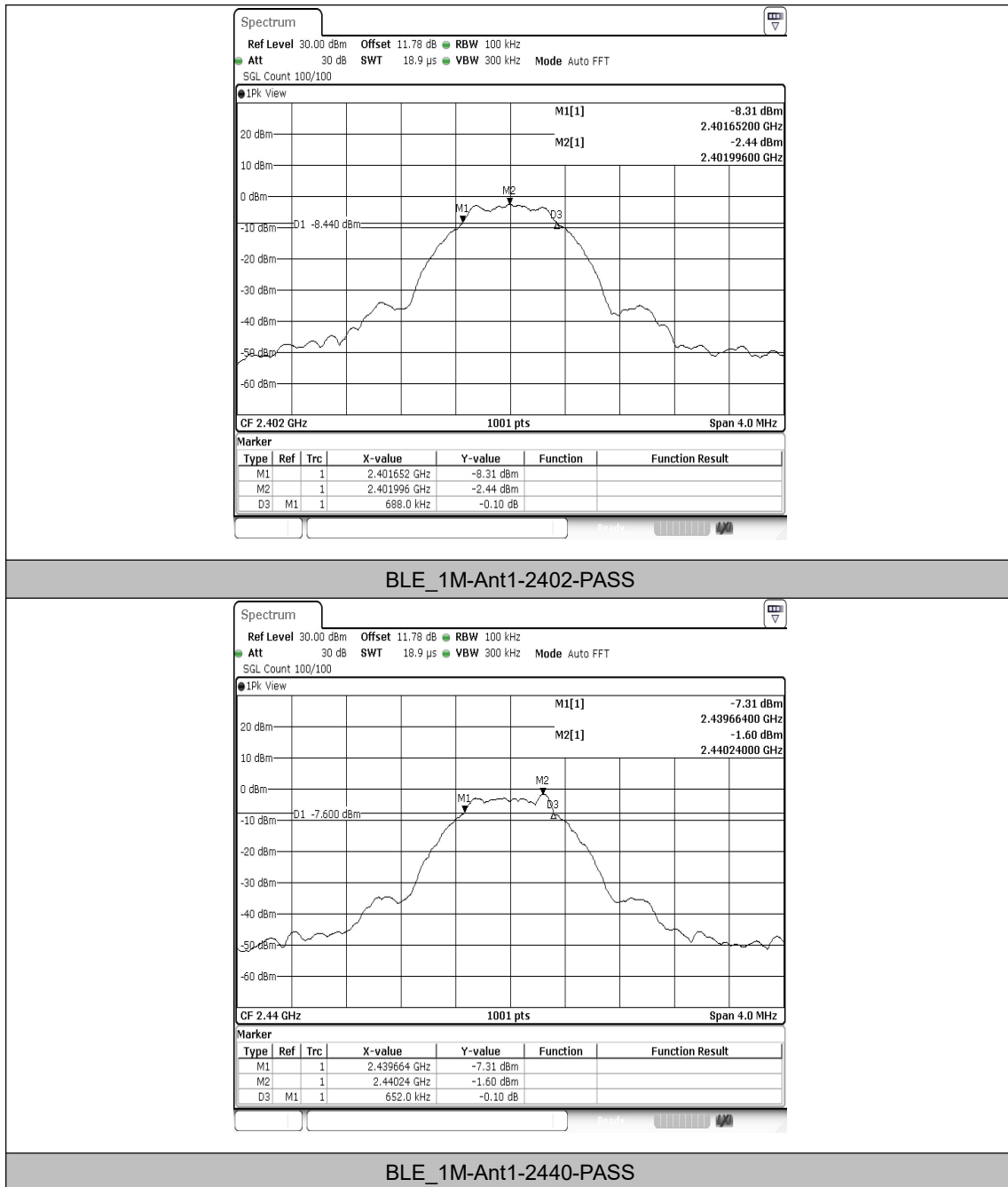
Report No.:	1813C40211912501	Test Sample No.:	1-2-2
Start Test Date:	2024.12.4	Finish Test Date:	2024.12.24
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.1℃	Relative Humidity:	52%
Pressure:	101kPa		

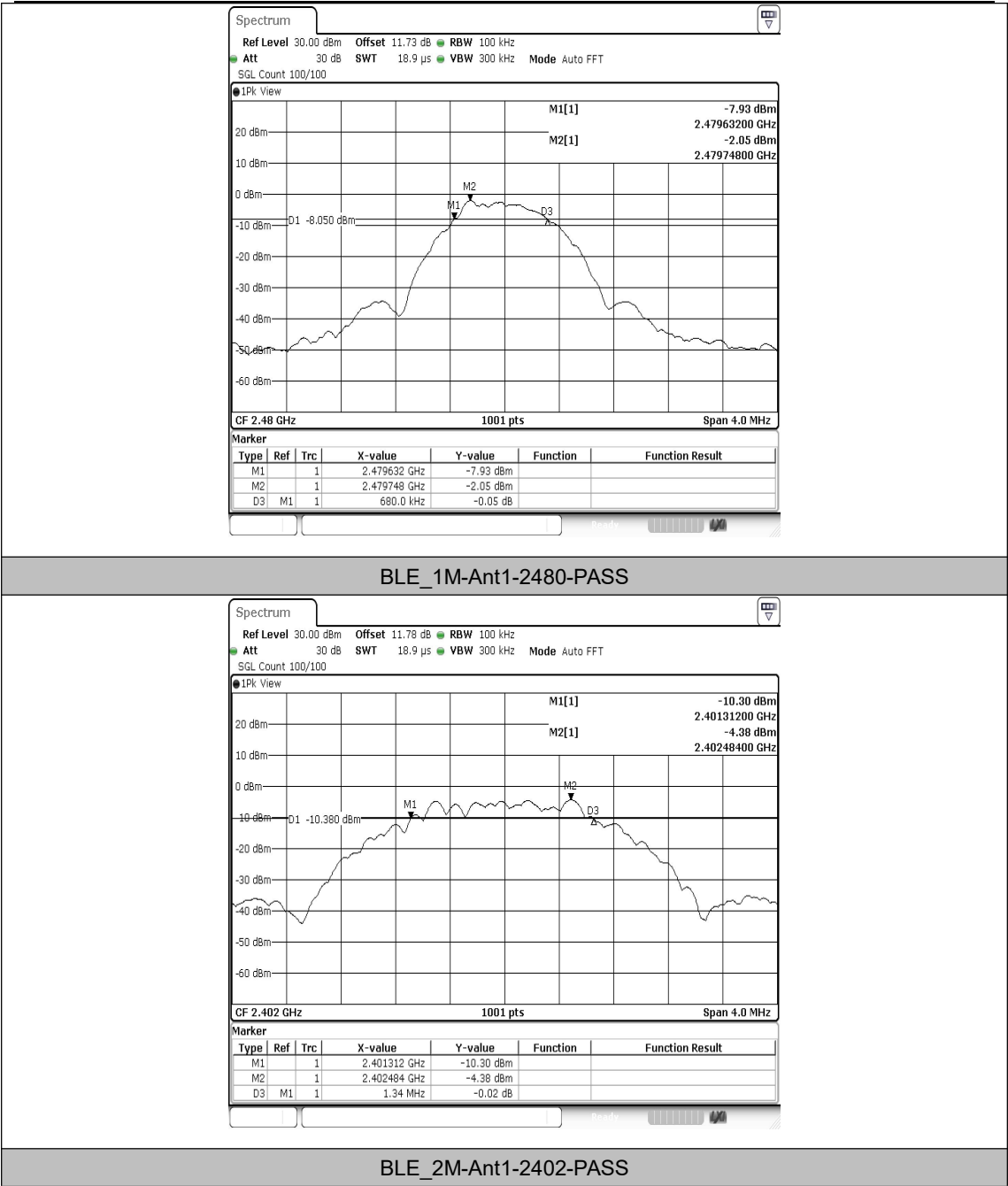
Appendix A: 6dB Bandwidth

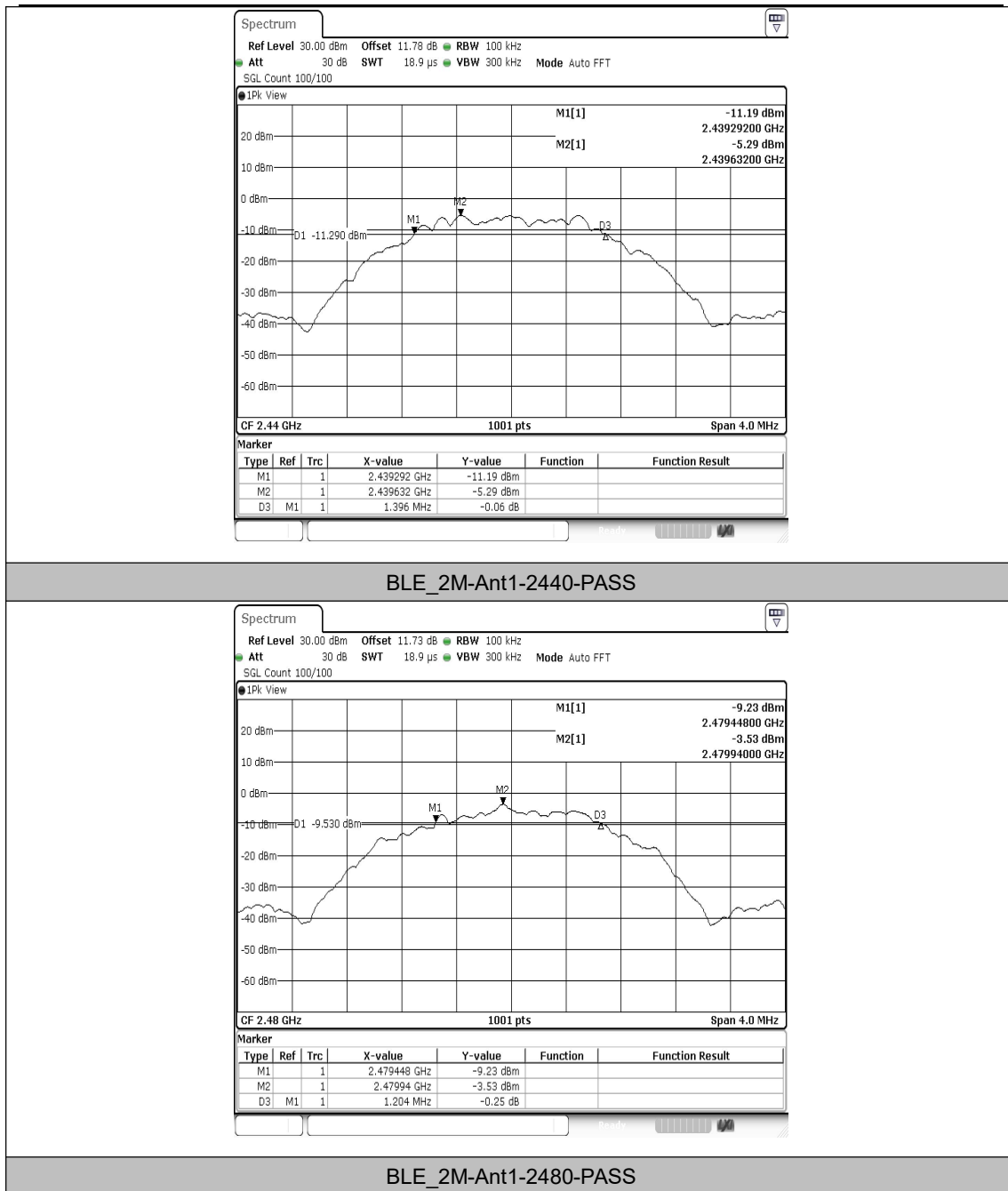
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.65	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.65	2439.66	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.68	2479.63	2480.31	0.5	PASS
BLE_2M	Ant1	2402	1.34	2401.31	2402.65	0.5	PASS
BLE_2M	Ant1	2440	1.40	2439.29	2440.69	0.5	PASS
BLE_2M	Ant1	2480	1.20	2479.45	2480.65	0.5	PASS

Test Graphs







Appendix B: 99% Occupied Bandwidth

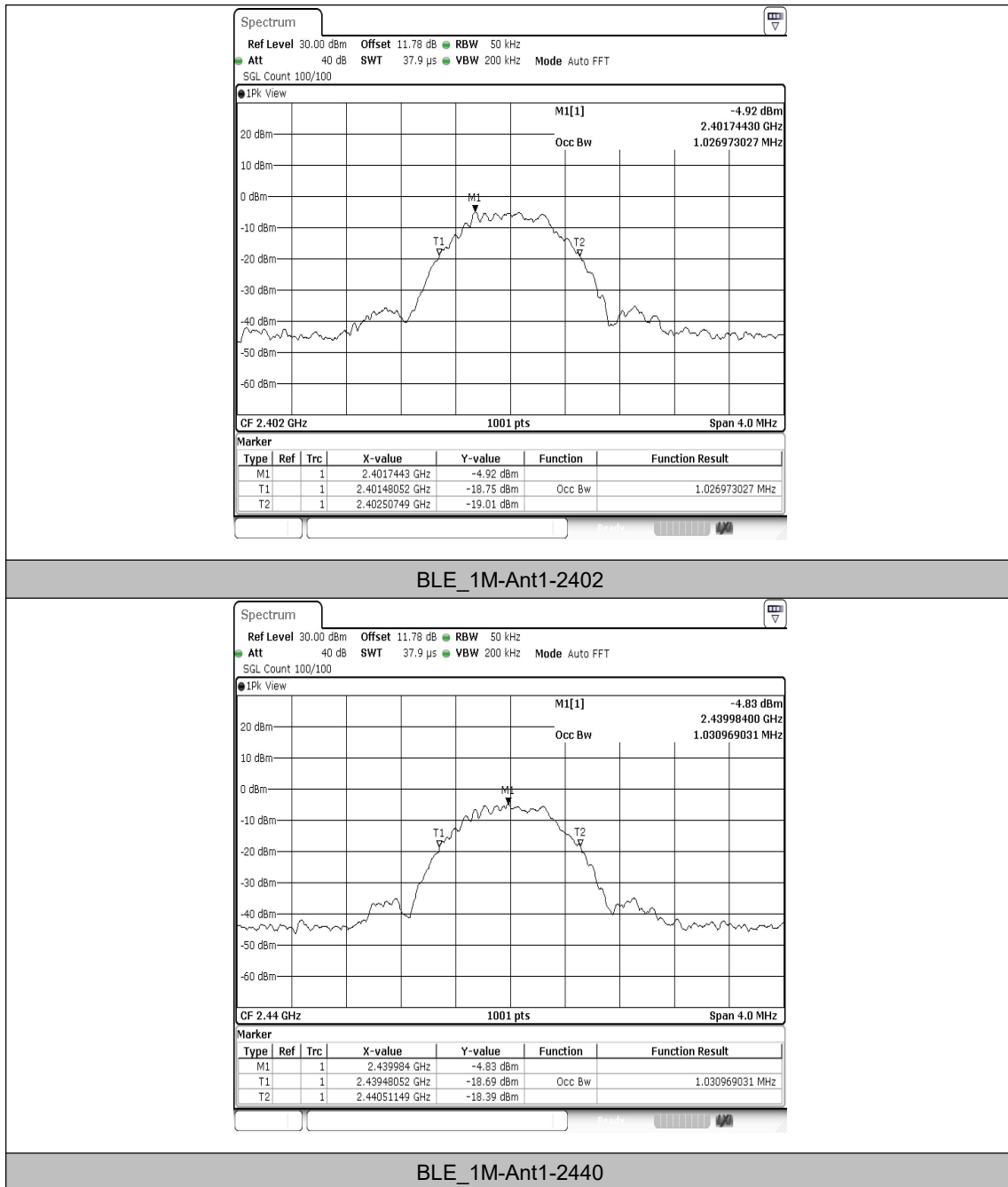
Test Result

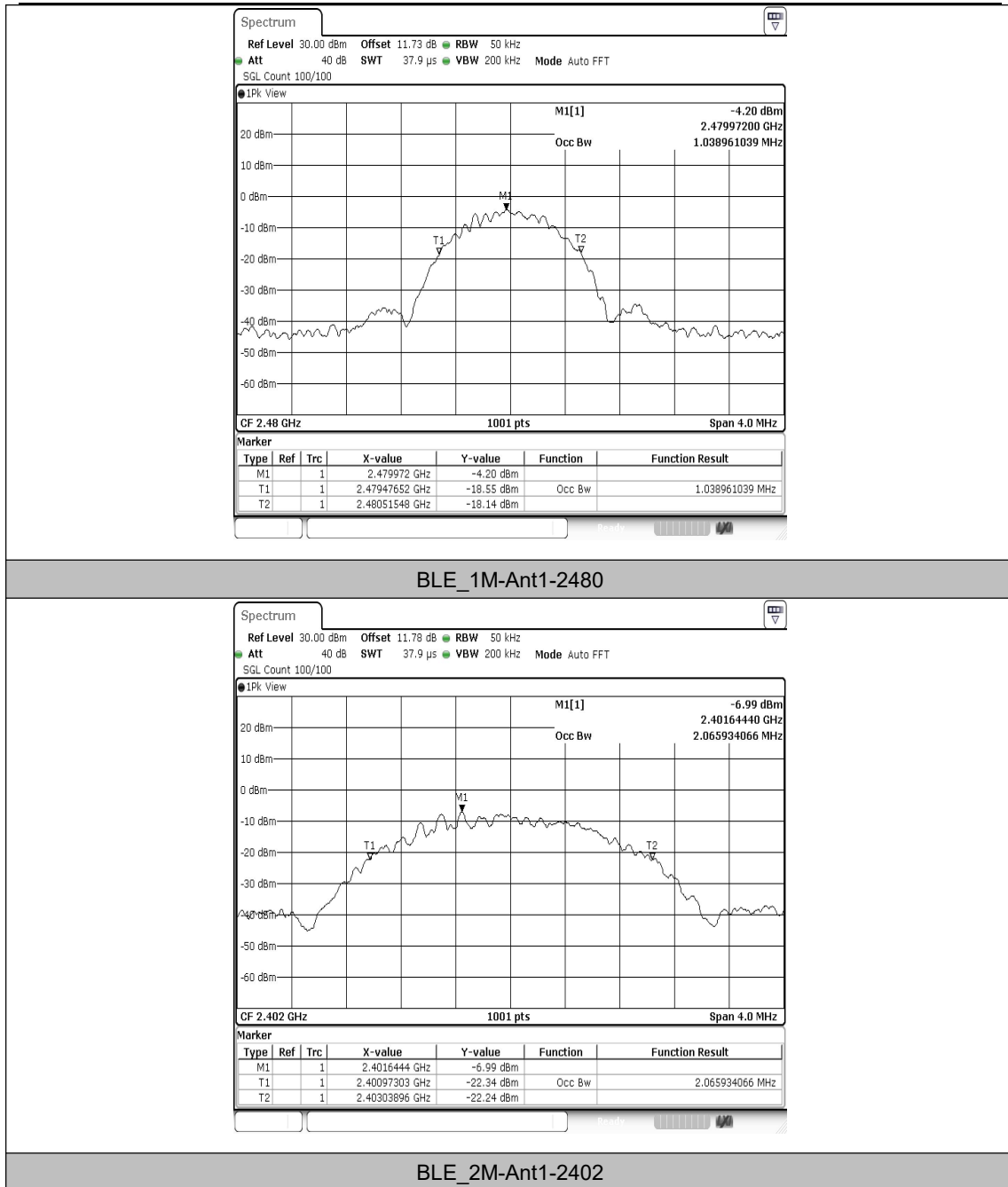
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.027	2401.4805	2402.5075	---	---
BLE_1M	Ant1	2440	1.031	2439.4805	2440.5115	---	---
BLE_1M	Ant1	2480	1.039	2479.4765	2480.5155	---	---
BLE_2M	Ant1	2402	2.066	2400.9730	2403.0390	---	---
BLE_2M	Ant1	2440	2.082	2438.9650	2441.0470	---	---
BLE_2M	Ant1	2480	2.058	2478.9770	2481.0350	---	---

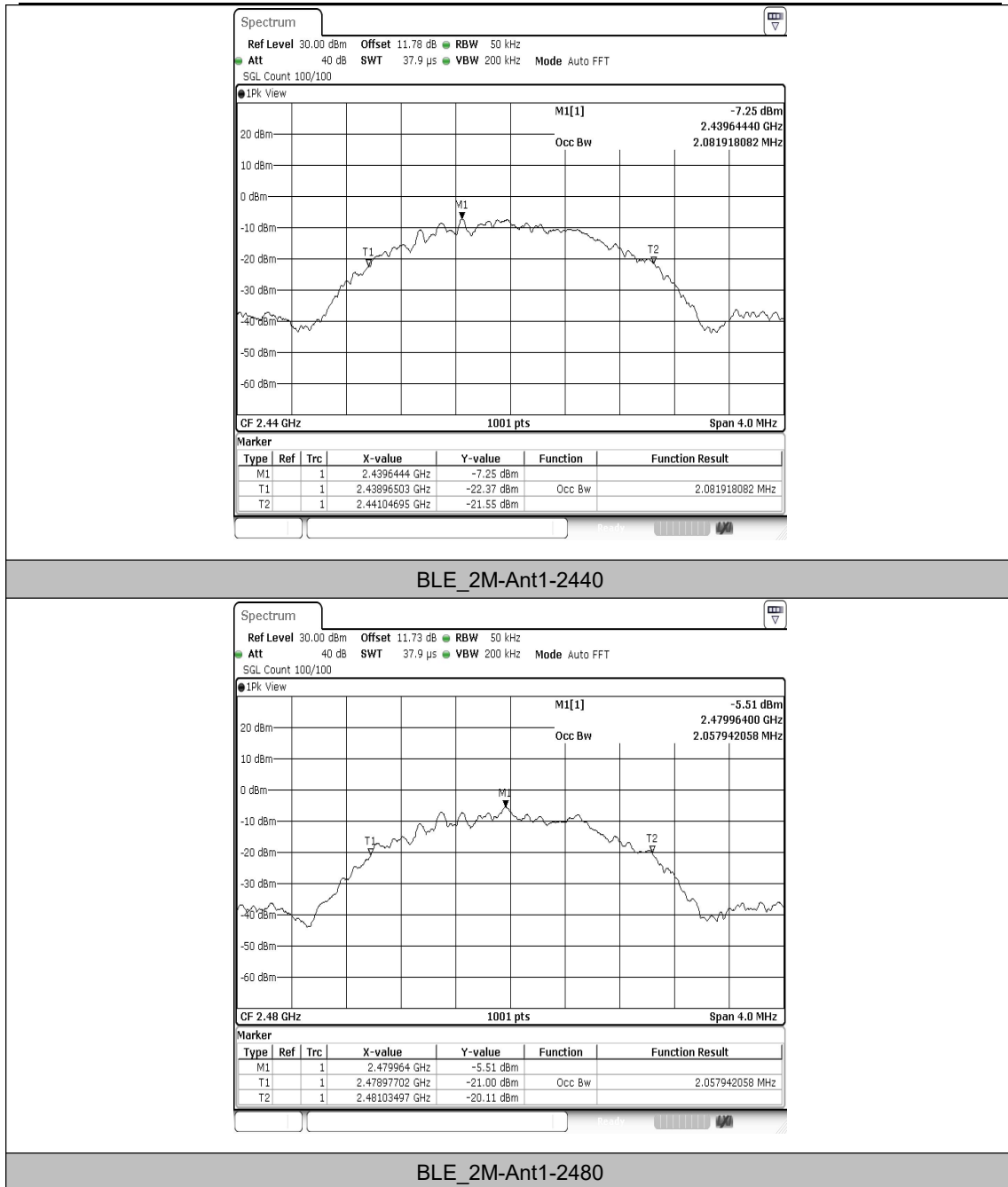
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Test Graphs







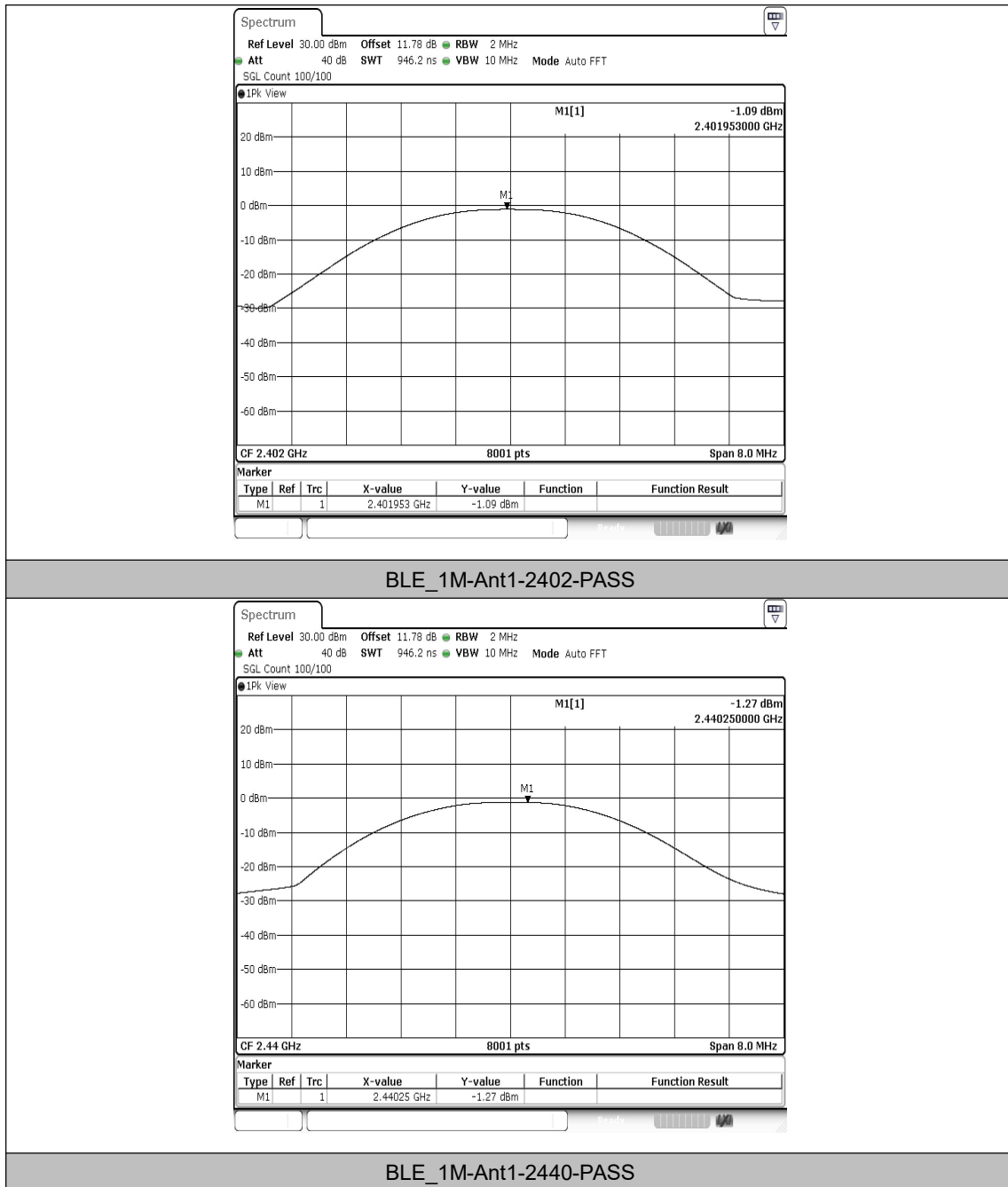
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.09	≤30	PASS
BLE_1M	Ant1	2440	-1.27	≤30	PASS
BLE_1M	Ant1	2480	-0.78	≤30	PASS
BLE_2M	Ant1	2402	-1.14	≤30	PASS
BLE_2M	Ant1	2440	-1.24	≤30	PASS
BLE_2M	Ant1	2480	-0.88	≤30	PASS



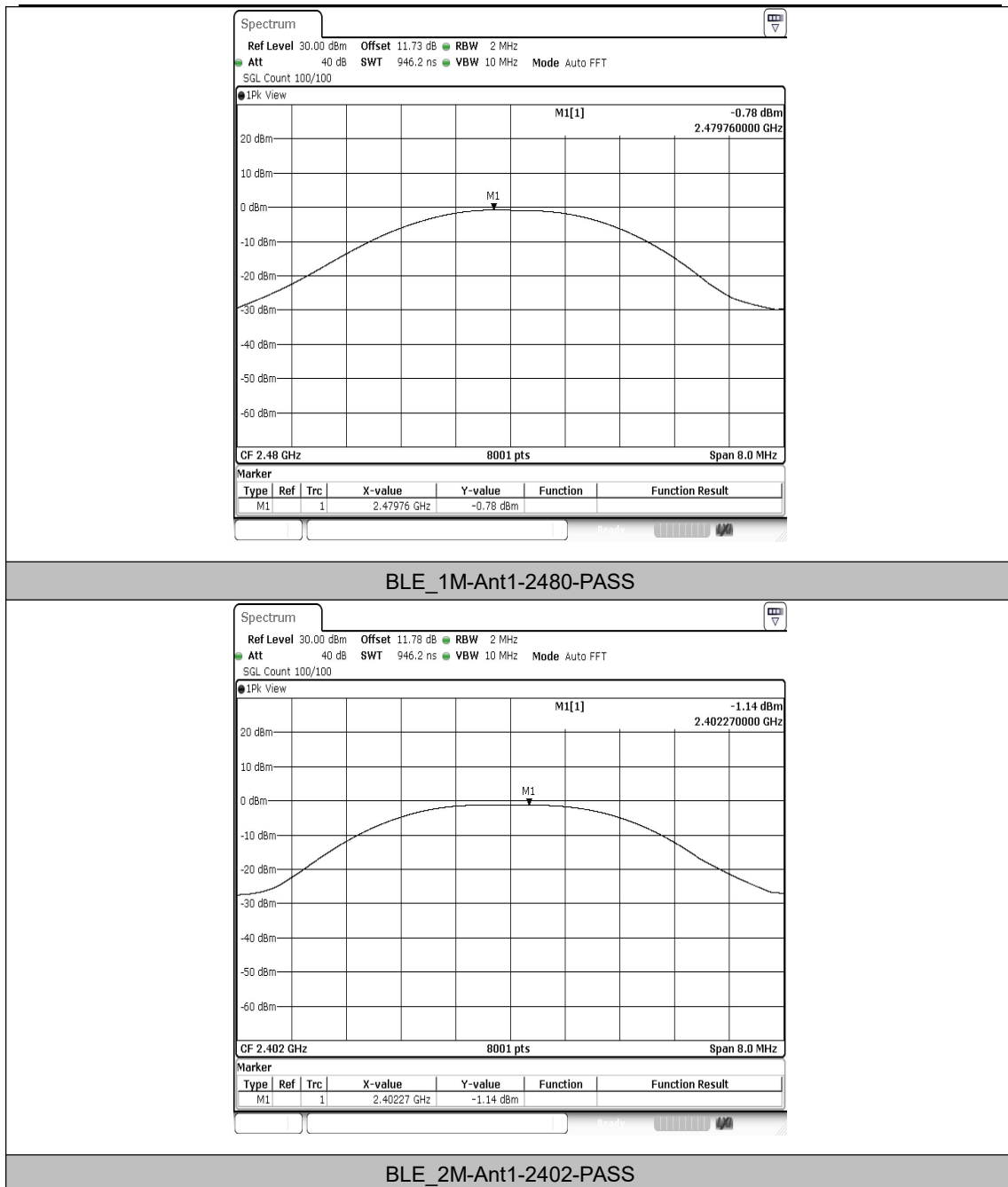
Test Graphs Peak



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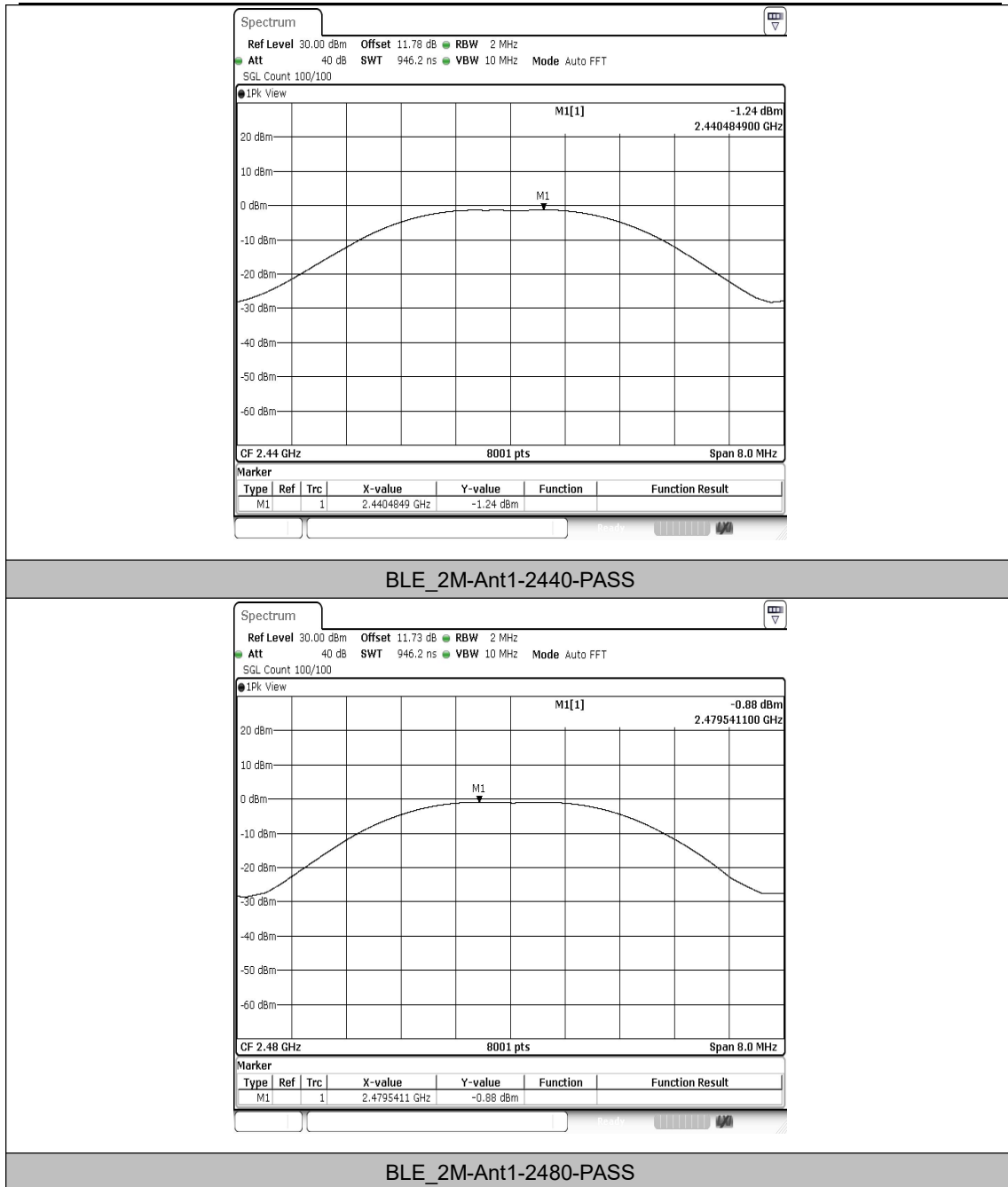
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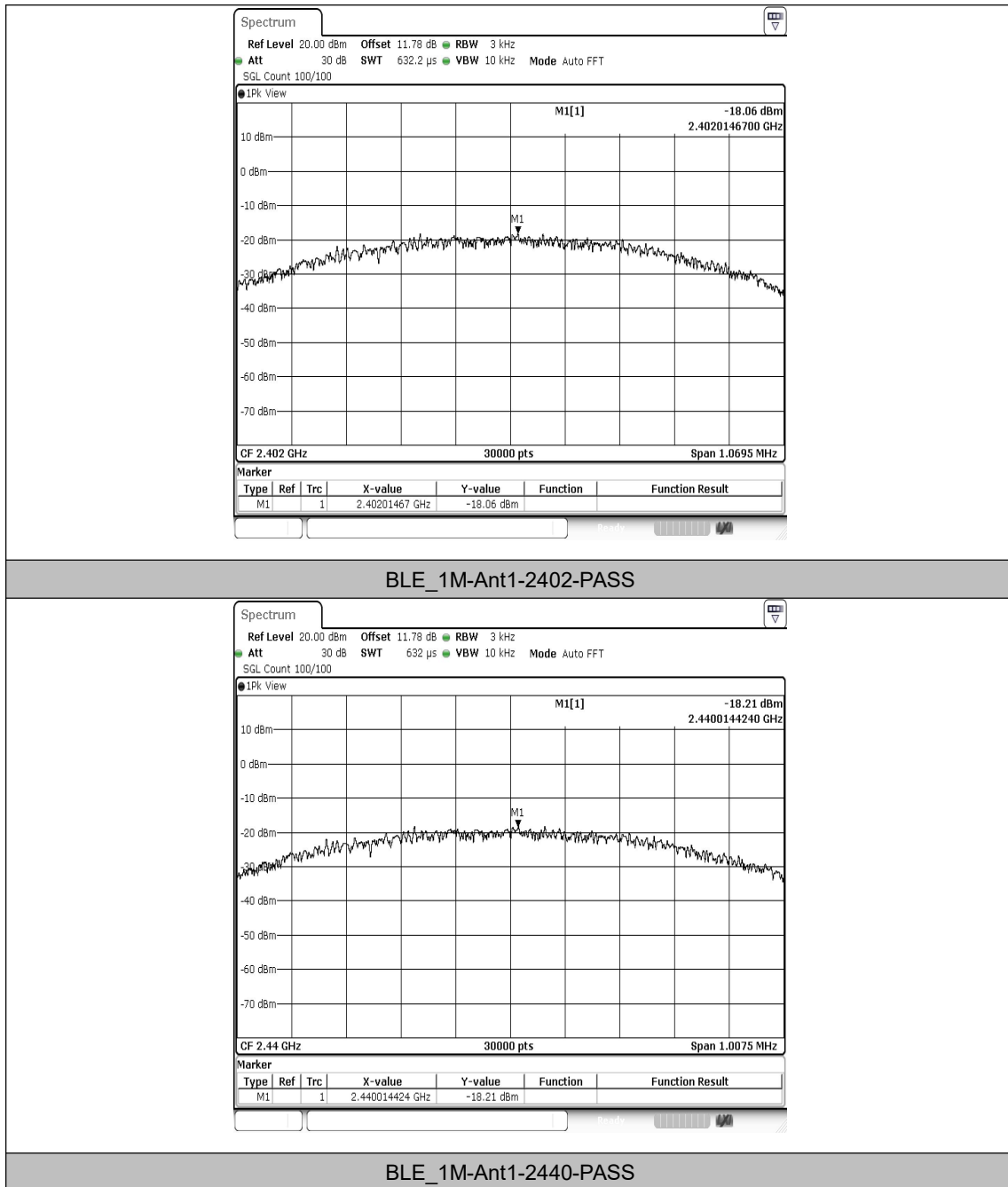
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.06	≤8.00	PASS
BLE_1M	Ant1	2440	-18.21	≤8.00	PASS
BLE_1M	Ant1	2480	-17.80	≤8.00	PASS
BLE_2M	Ant1	2402	-20.91	≤8.00	PASS
BLE_2M	Ant1	2440	-21.19	≤8.00	PASS
BLE_2M	Ant1	2480	-20.56	≤8.00	PASS



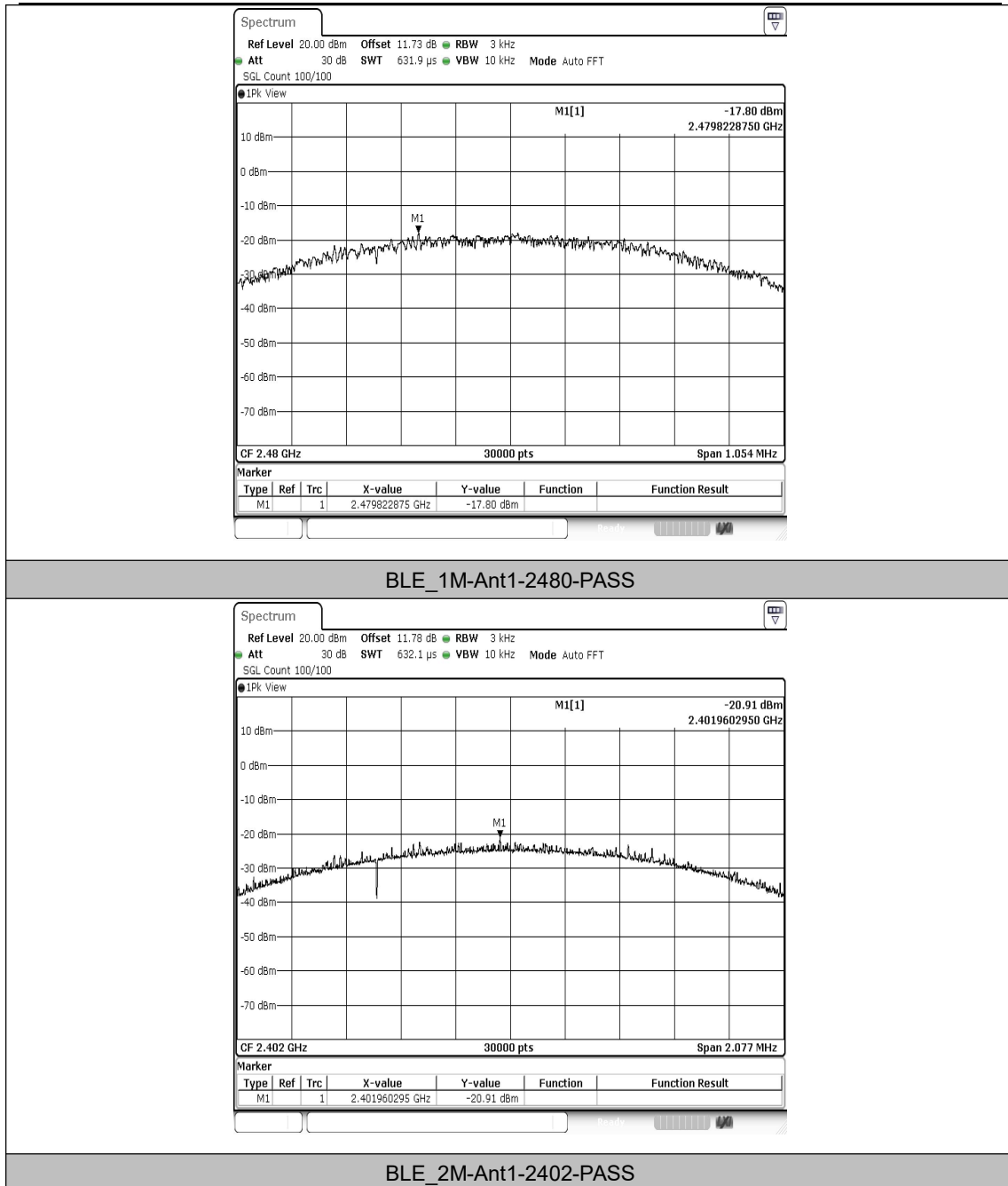
Test Graphs



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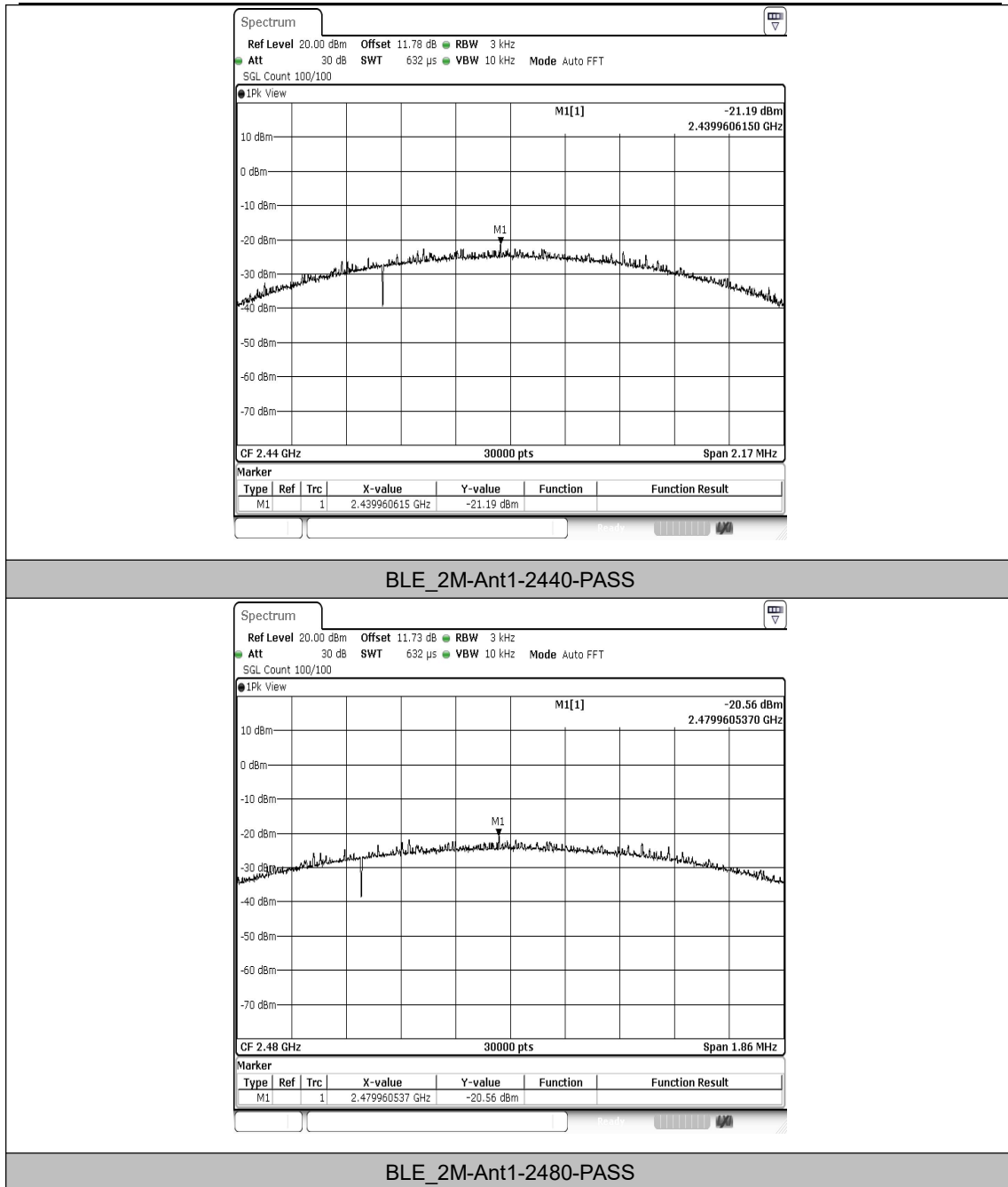
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.31	-47.69	≤ -22.31	PASS
BLE_1M	Ant1	High	2480	-1.10	-46.13	≤ -21.1	PASS
BLE_2M	Ant1	Low	2402	-4.59	-38.05	≤ -24.59	PASS
BLE_2M	Ant1	High	2480	-4.84	-46.31	≤ -24.84	PASS

Test Graphs

