

Appendix Test Data

Report No:	1812C40101512502	Test Sample NO:	1-2-2
Start Test Date:	2024.10.16	Finish Test Date:	2024.10.21
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.3°C	Relative Humidity:	45%
Pressure:	101 kPa		

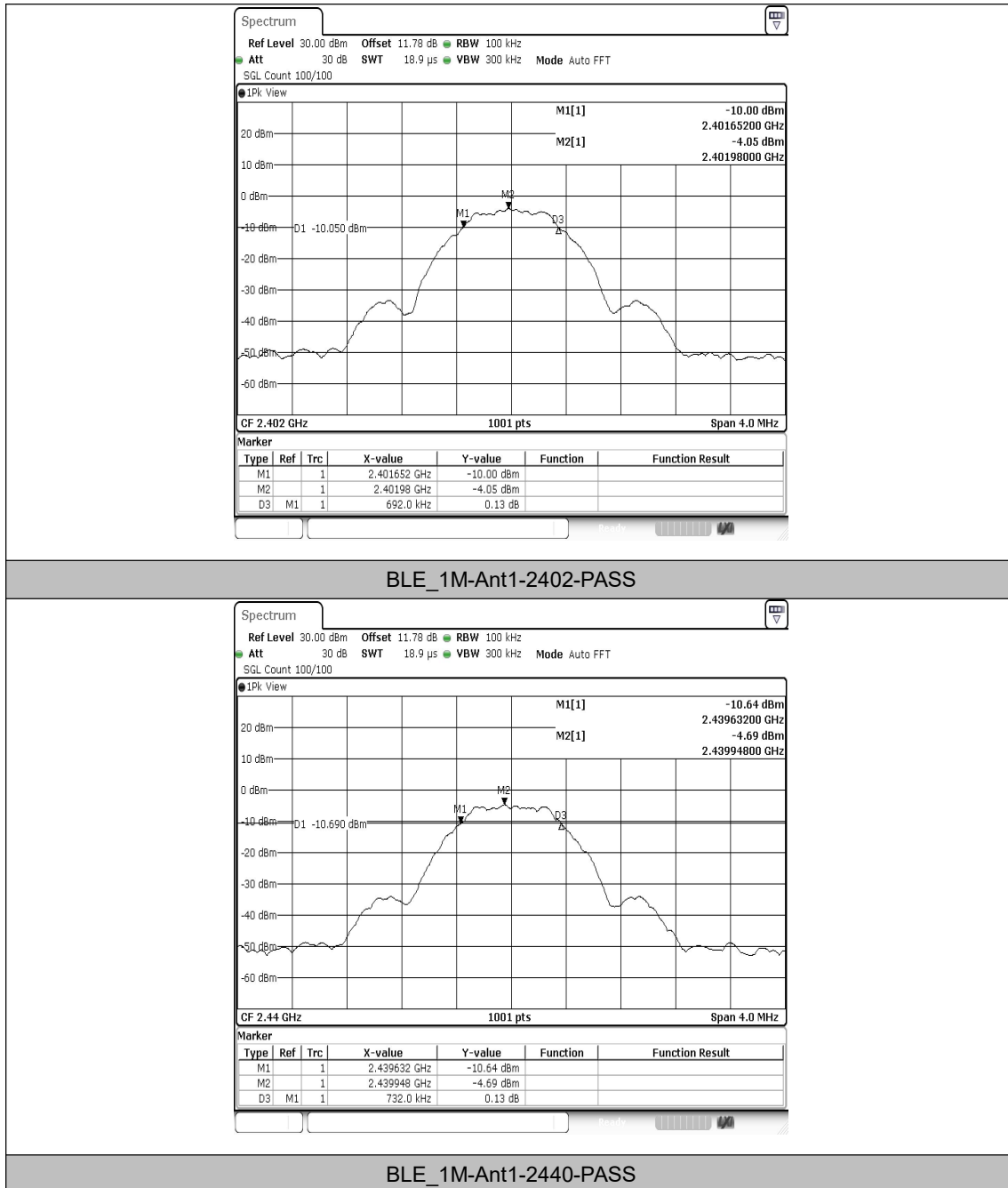
Appendix A: DTS Bandwidth

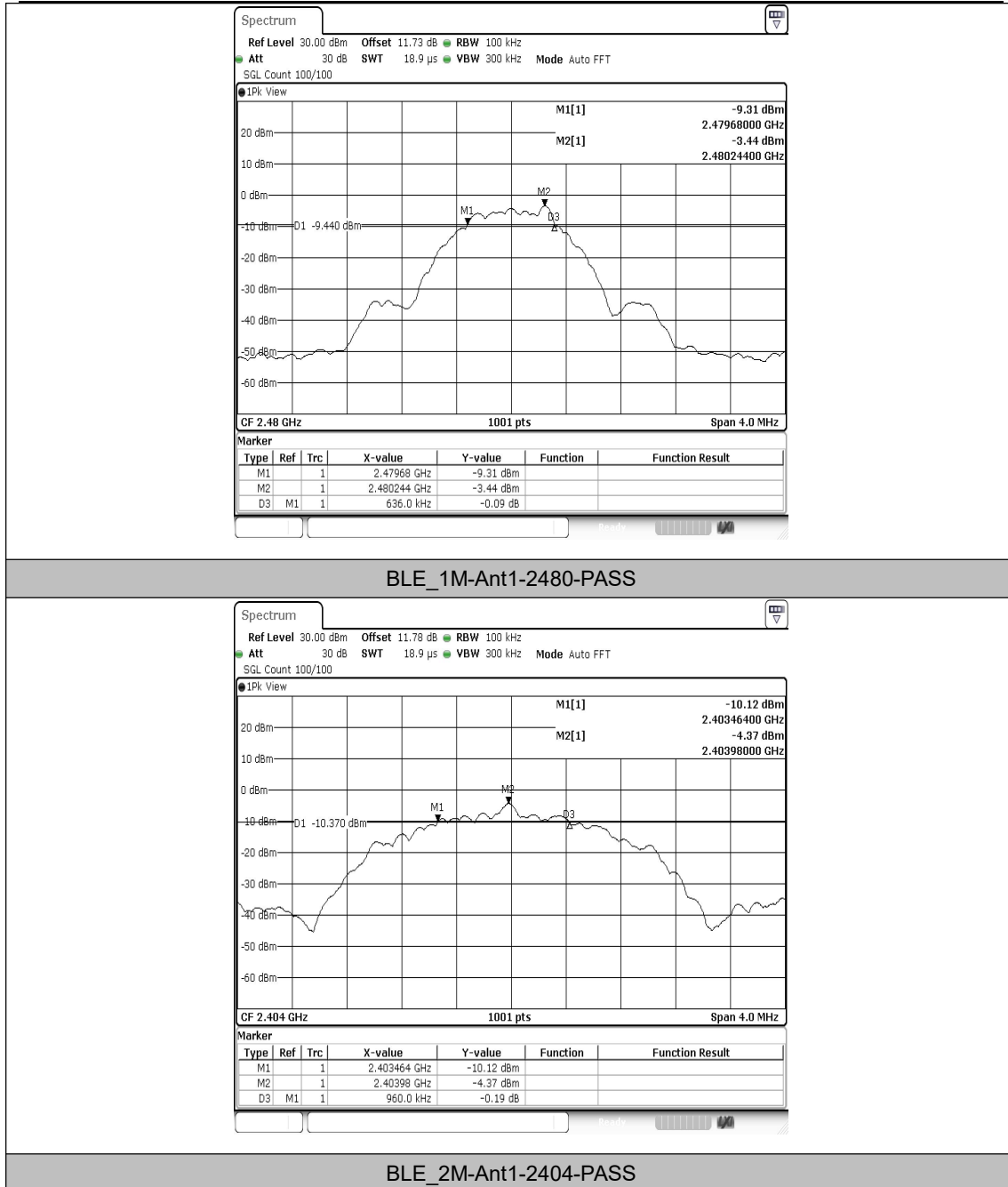
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.69	2401.65	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.73	2439.63	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.68	2480.32	0.5	PASS
BLE_2M	Ant1	2404	0.96	2403.46	2404.42	0.5	PASS
BLE_2M	Ant1	2440	1.38	2439.30	2440.68	0.5	PASS
BLE_2M	Ant1	2478	1.18	2477.40	2478.58	0.5	PASS



Test Graphs



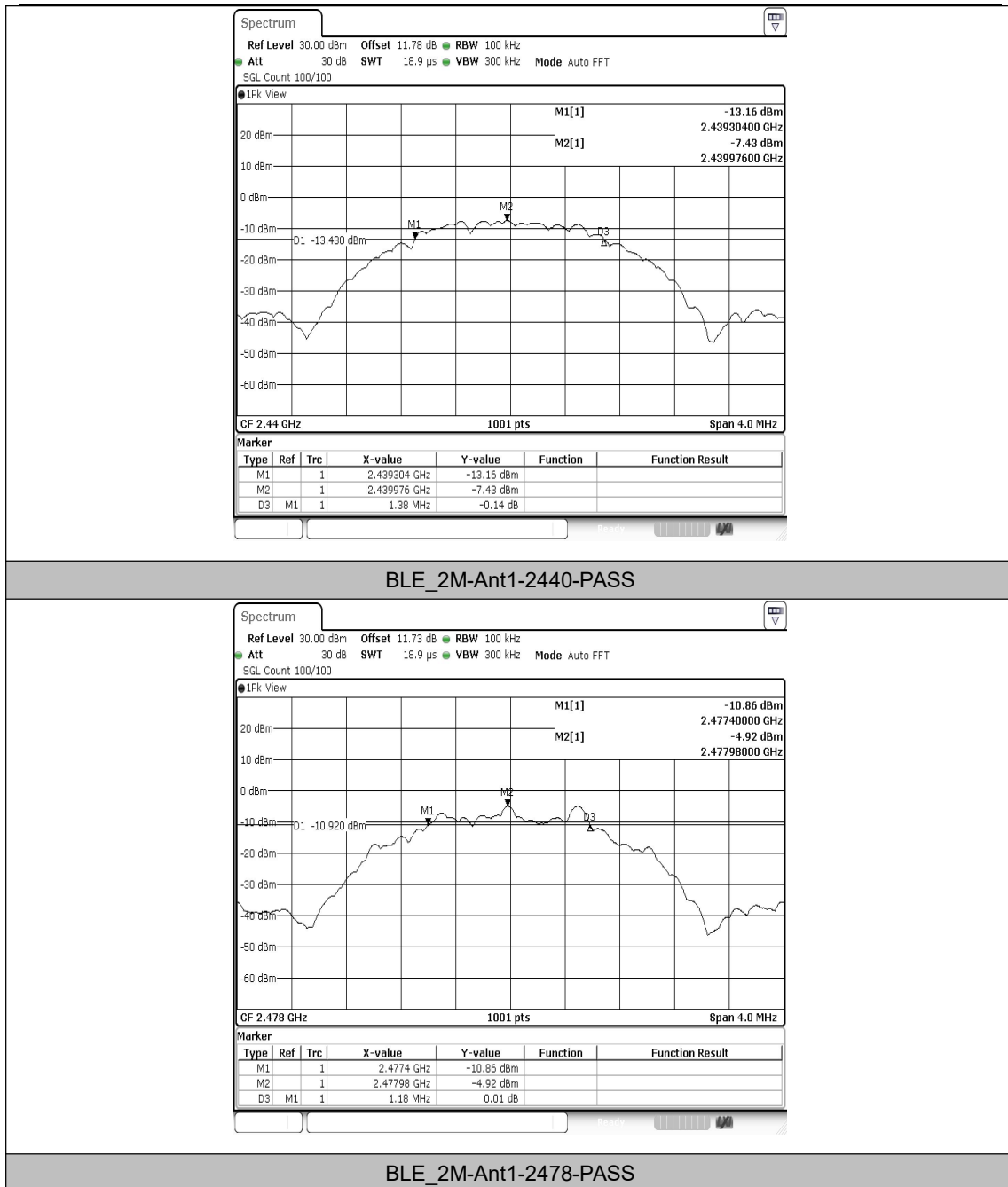


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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.4805	2402.5195	---	---
BLE_1M	Ant1	2440	1.035	2439.4765	2440.5115	---	---
BLE_1M	Ant1	2480	1.043	2479.4725	2480.5155	---	---
BLE_2M	Ant1	2404	2.07	2402.9730	2405.0430	---	---
BLE_2M	Ant1	2440	2.09	2438.9610	2441.0509	---	---
BLE_2M	Ant1	2478	2.058	2476.9810	2479.0390	---	---

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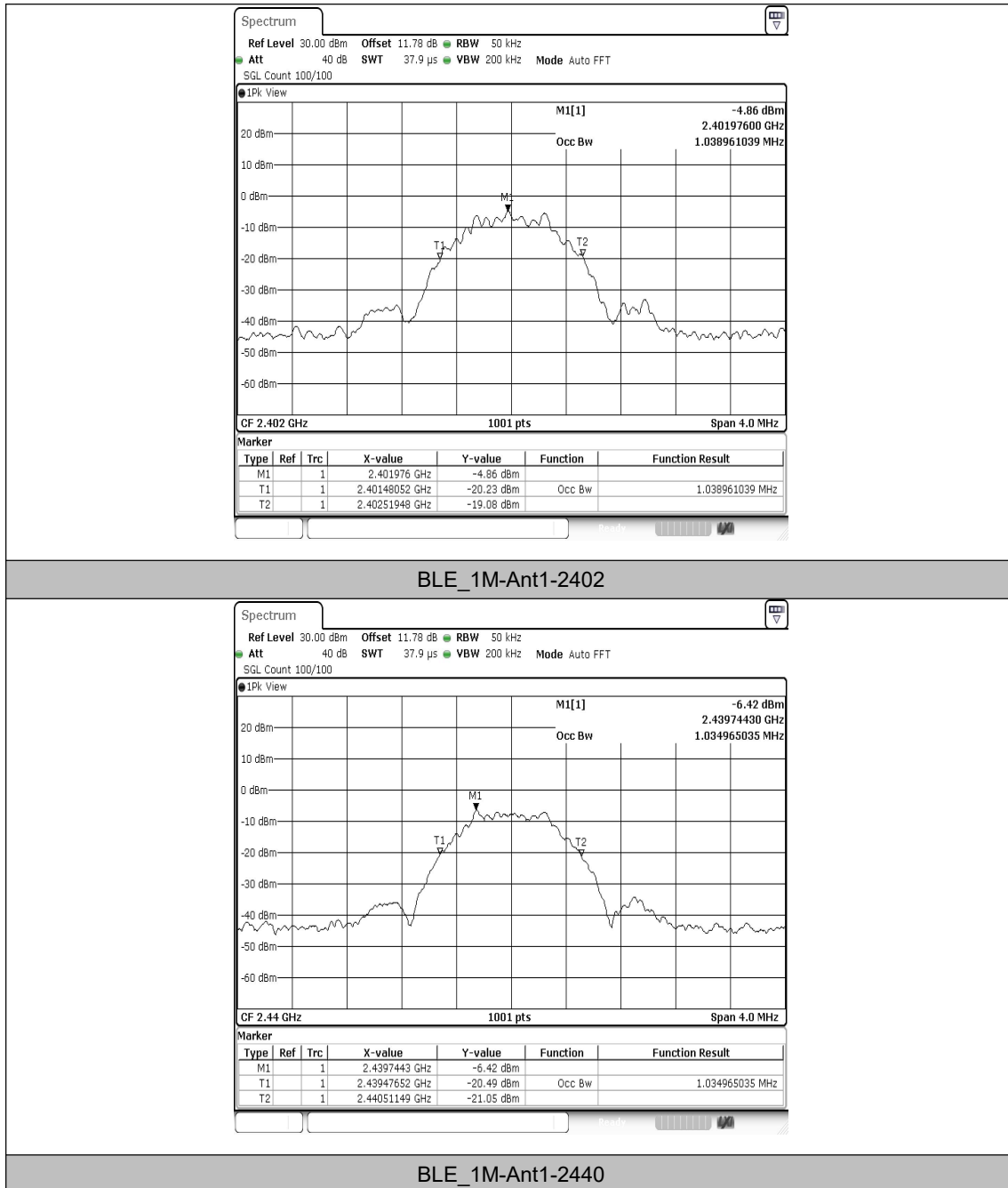
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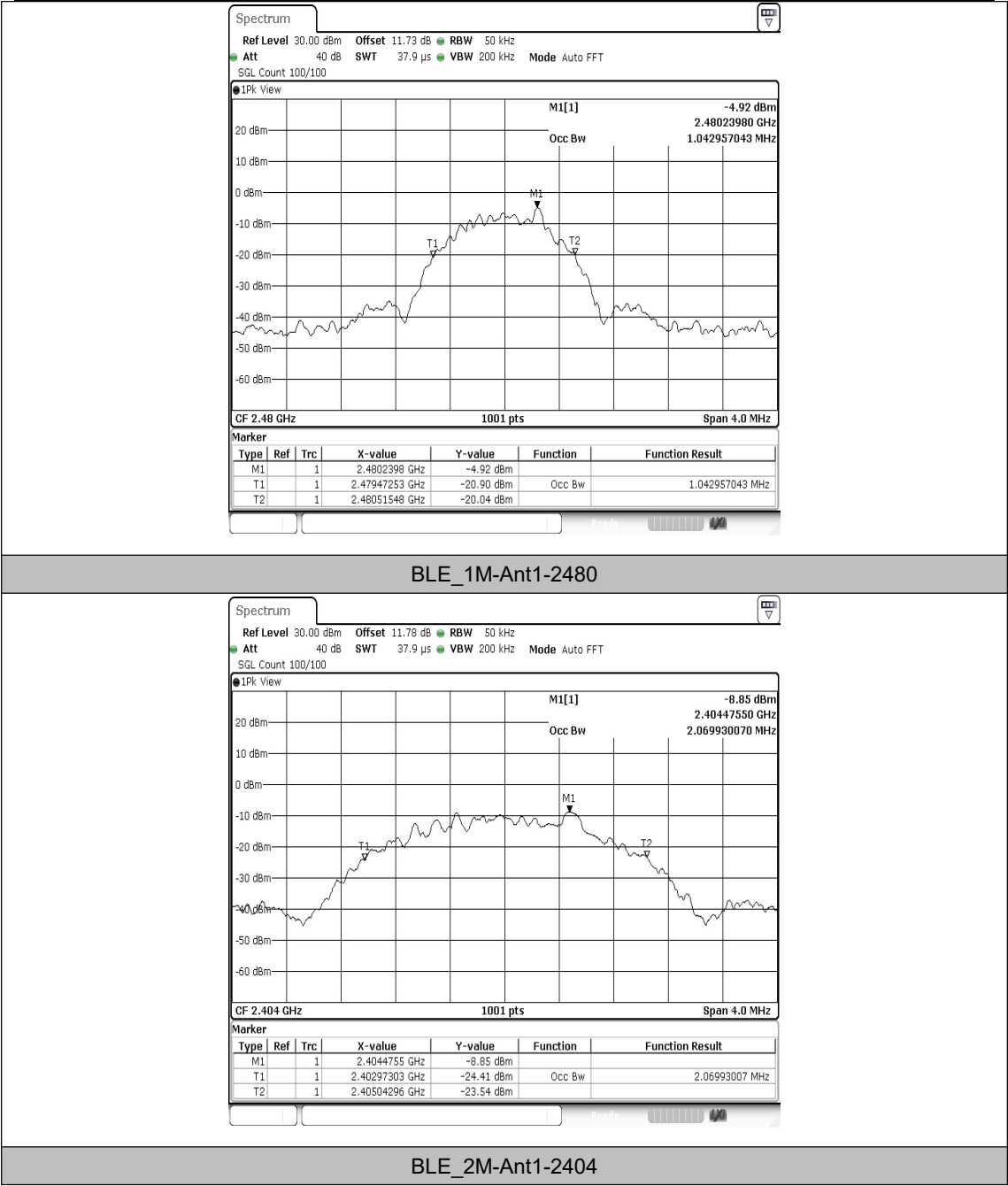


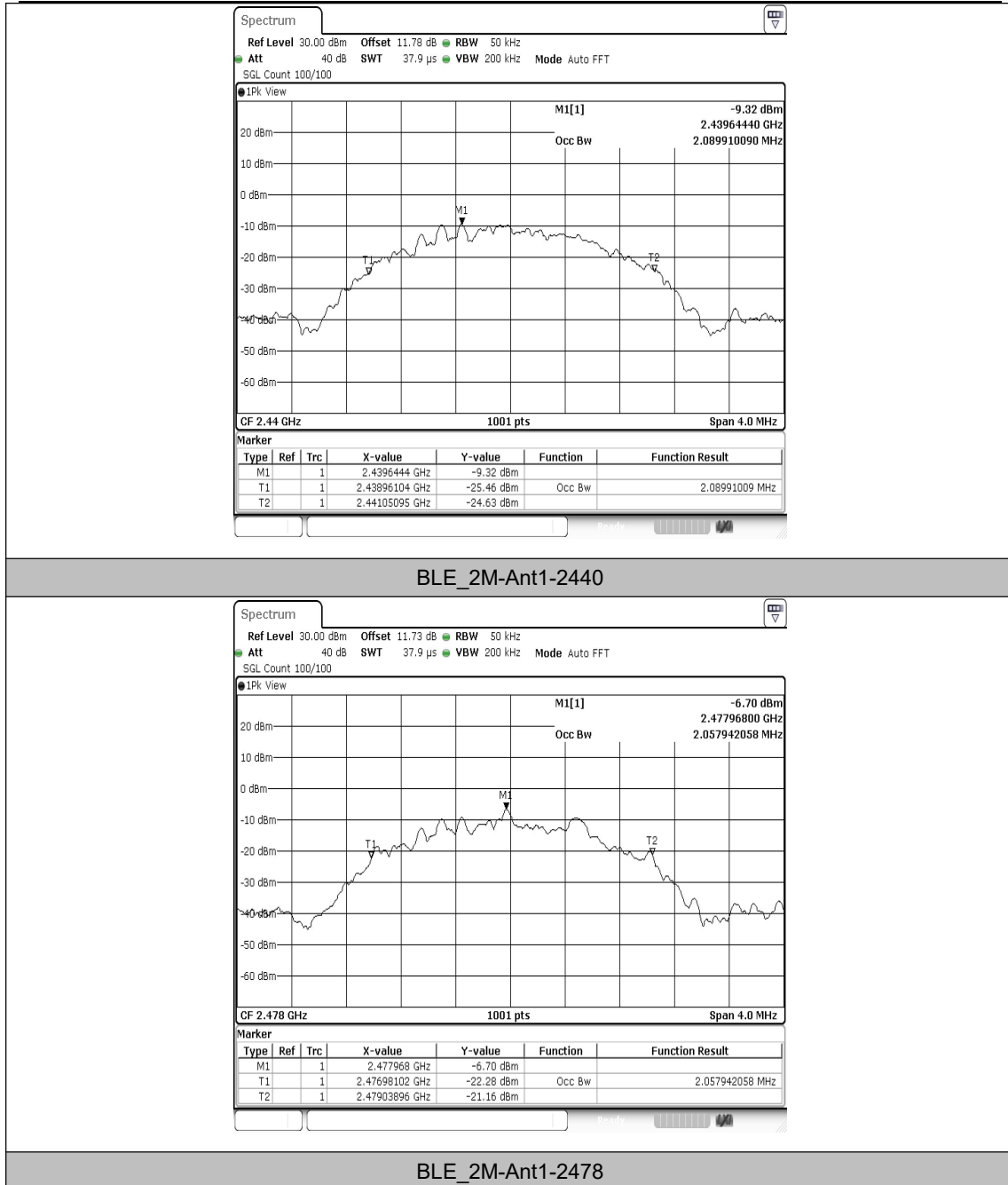
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Test Graphs







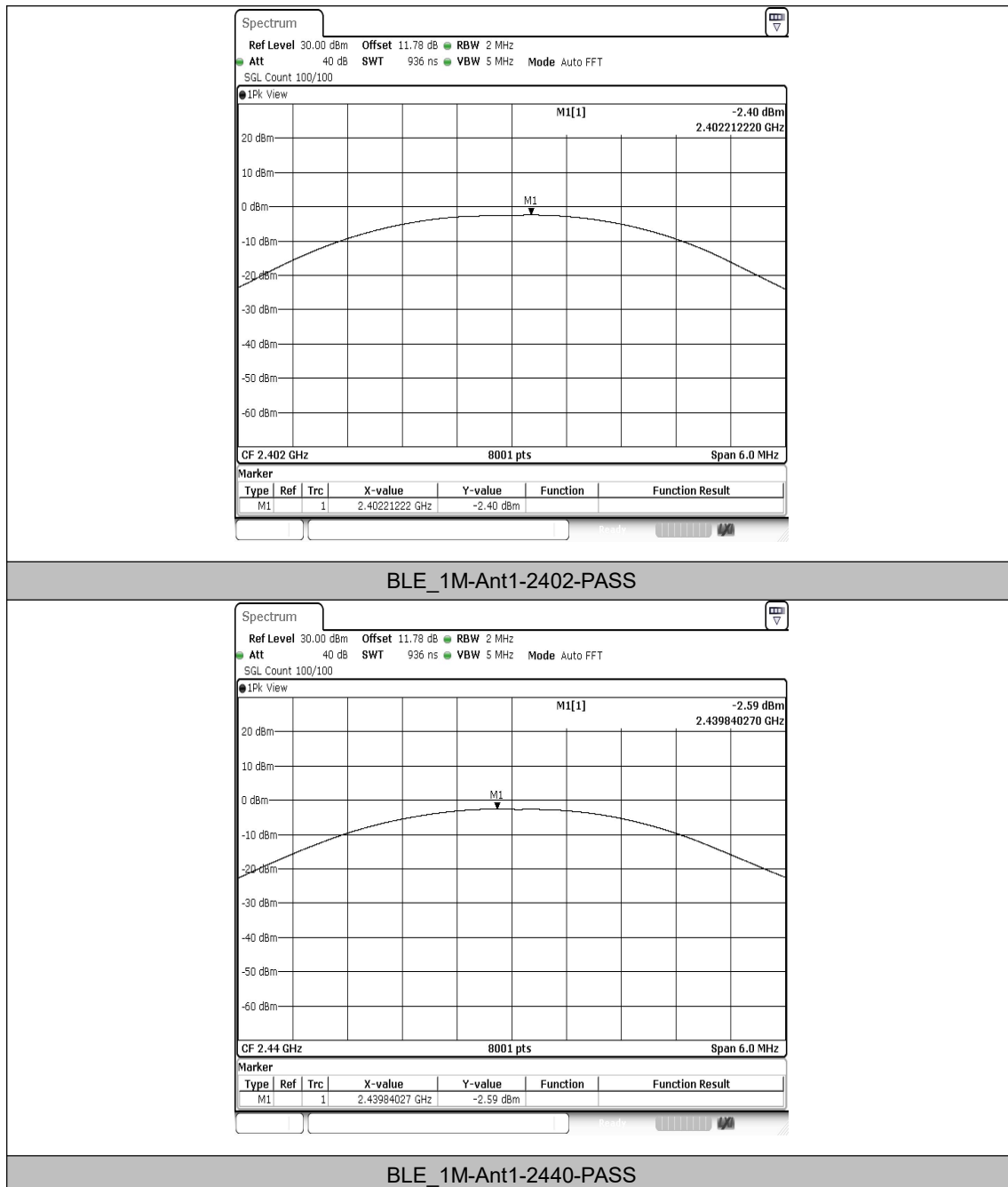
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.40	≤30	PASS
BLE_1M	Ant1	2440	-2.59	≤30	PASS
BLE_1M	Ant1	2480	-2.86	≤30	PASS
BLE_2M	Ant1	2404	-3.03	≤30	PASS
BLE_2M	Ant1	2440	-3.23	≤30	PASS
BLE_2M	Ant1	2478	-3.36	≤30	PASS



Test Graphs Peak

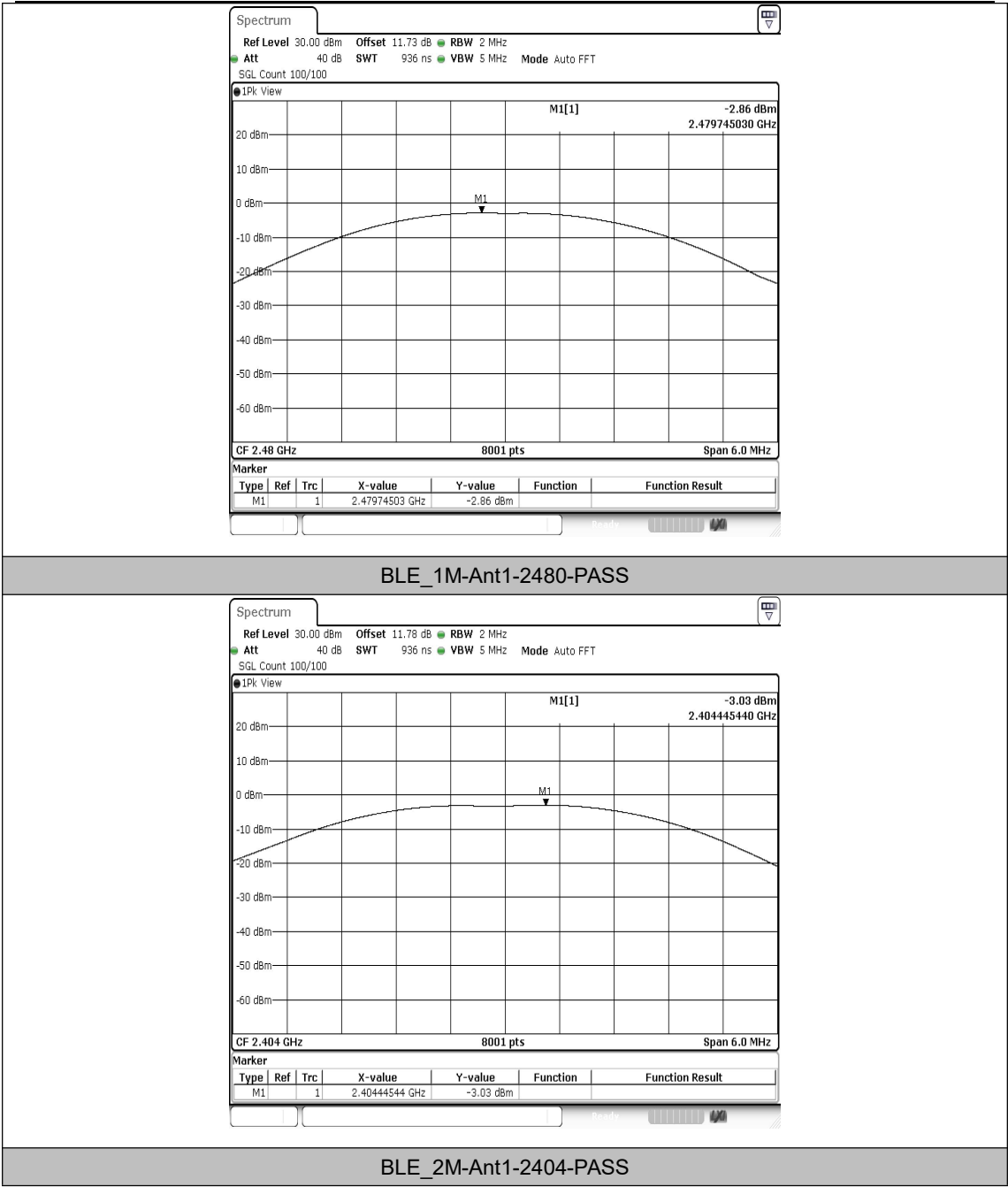


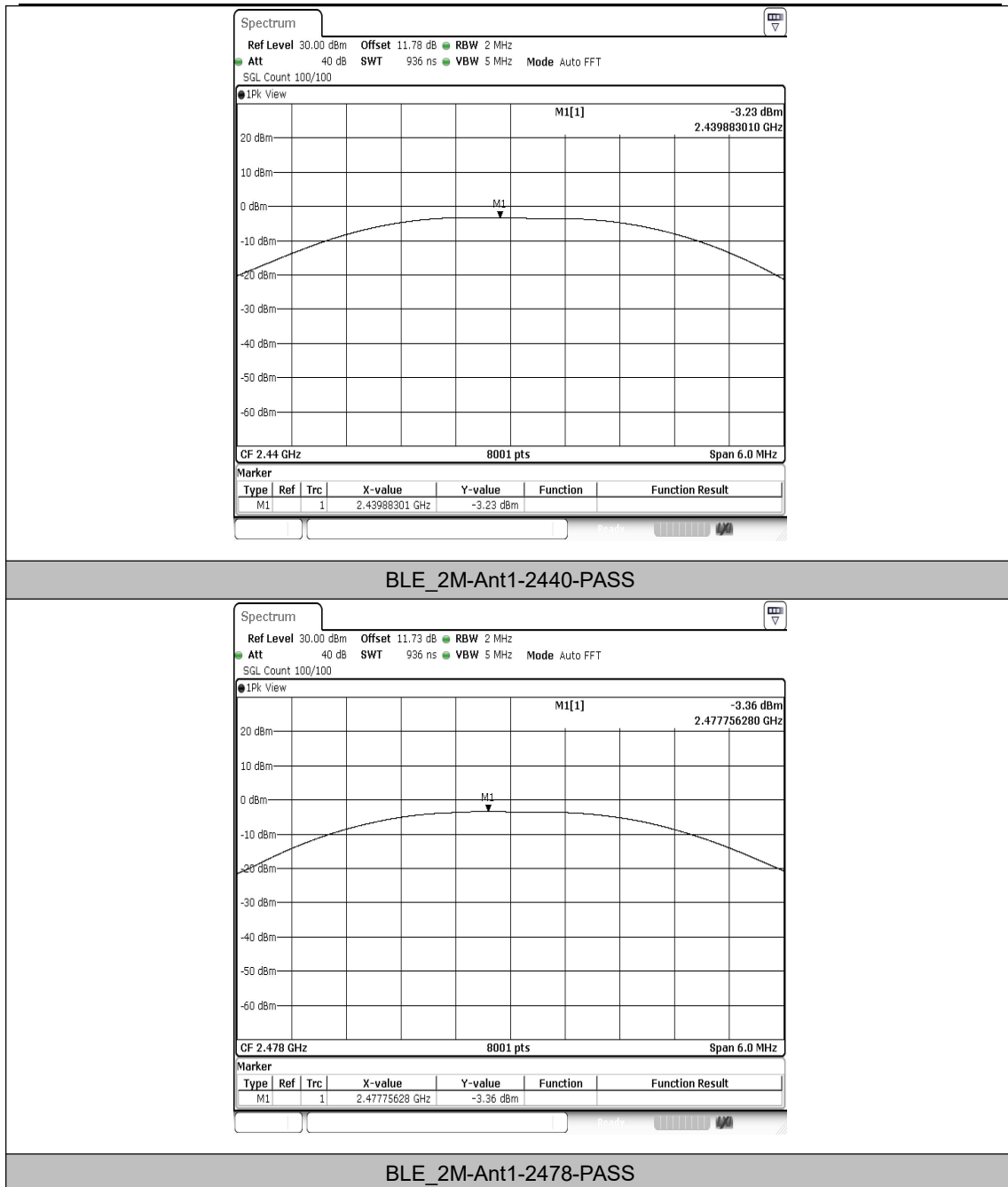
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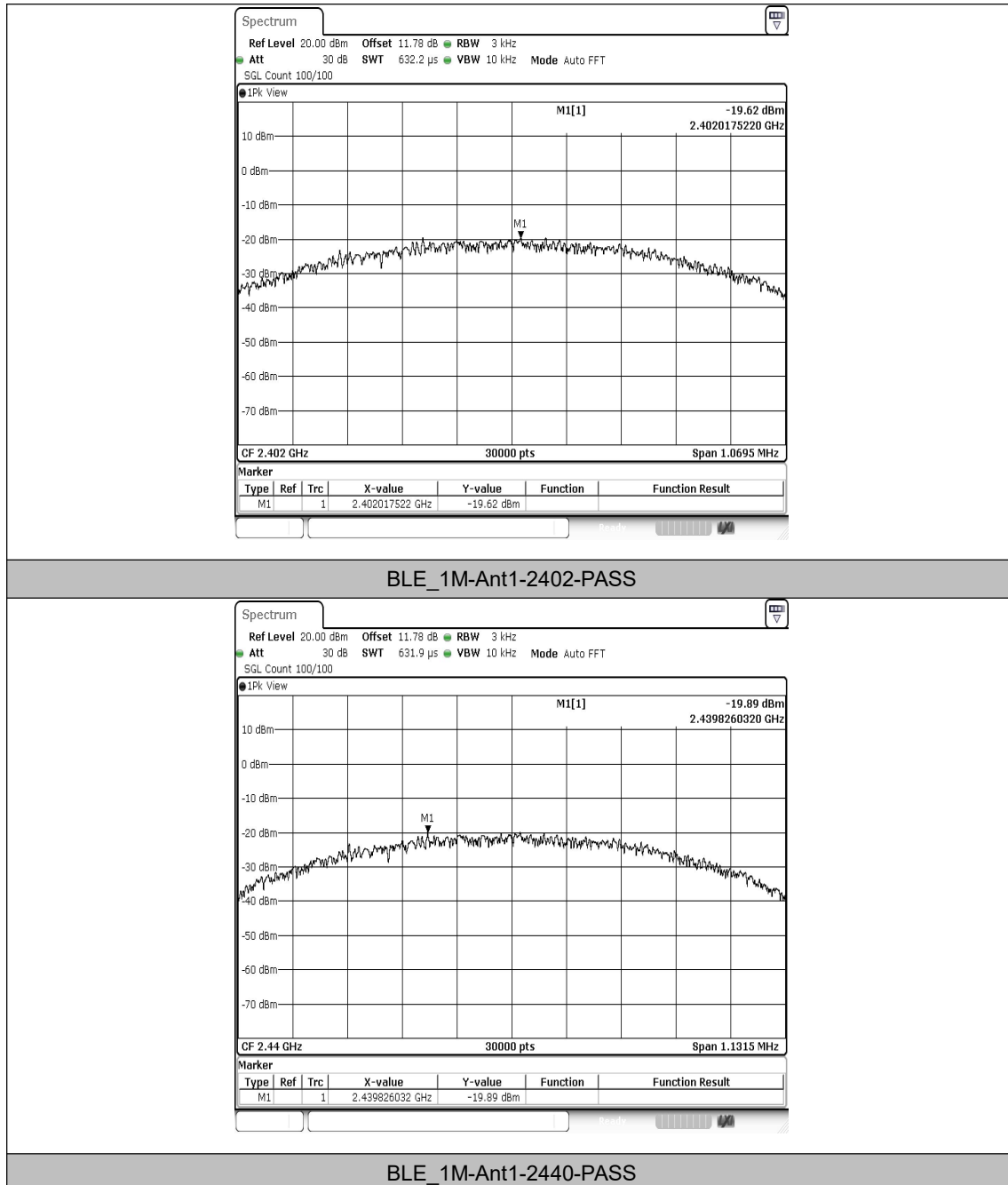
Appendix D: Maximum power spectral density

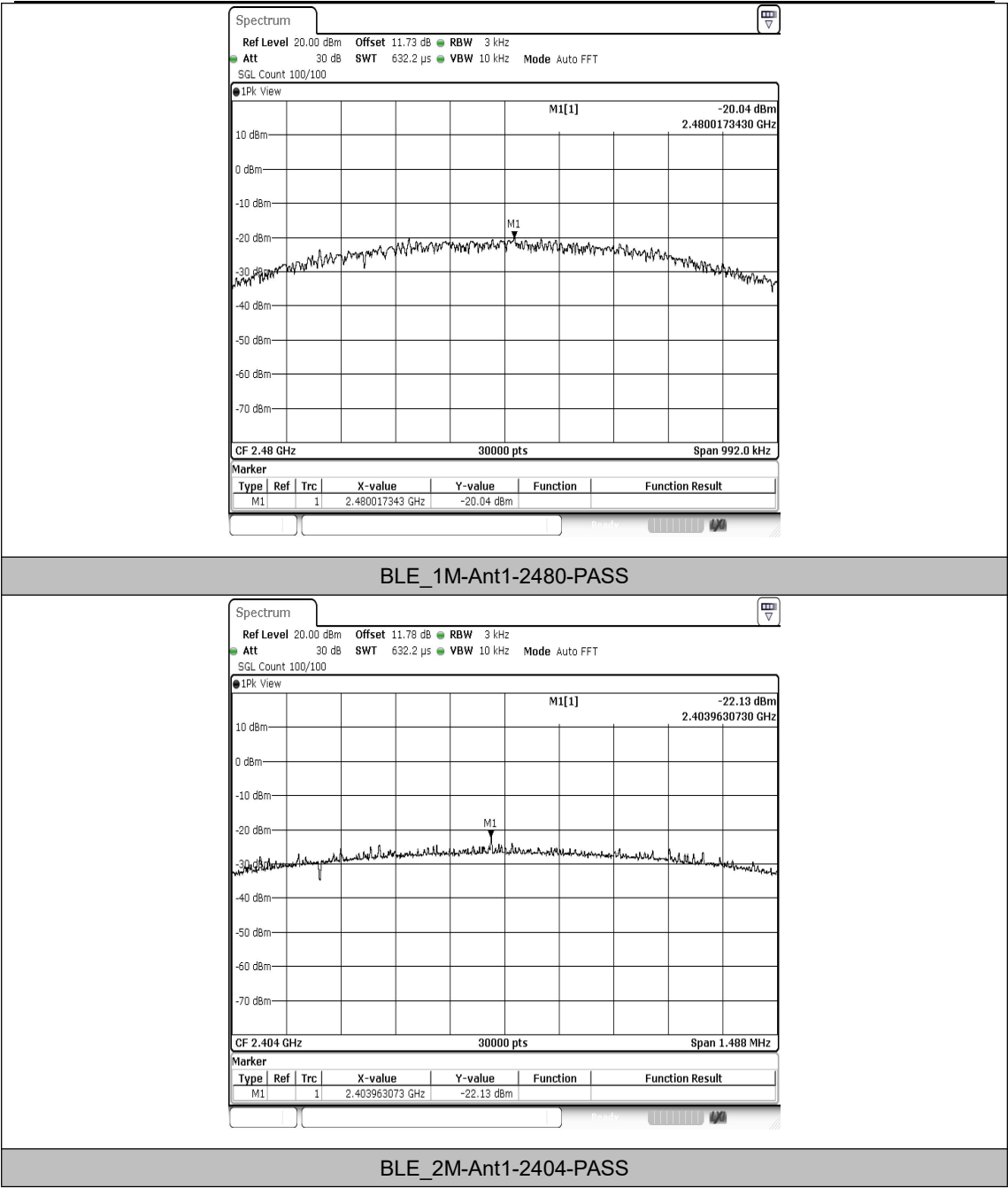
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.62	≤8.00	PASS
BLE_1M	Ant1	2440	-19.89	≤8.00	PASS
BLE_1M	Ant1	2480	-20.04	≤8.00	PASS
BLE_2M	Ant1	2404	-22.13	≤8.00	PASS
BLE_2M	Ant1	2440	-22.50	≤8.00	PASS
BLE_2M	Ant1	2478	-22.53	≤8.00	PASS



Test Graphs



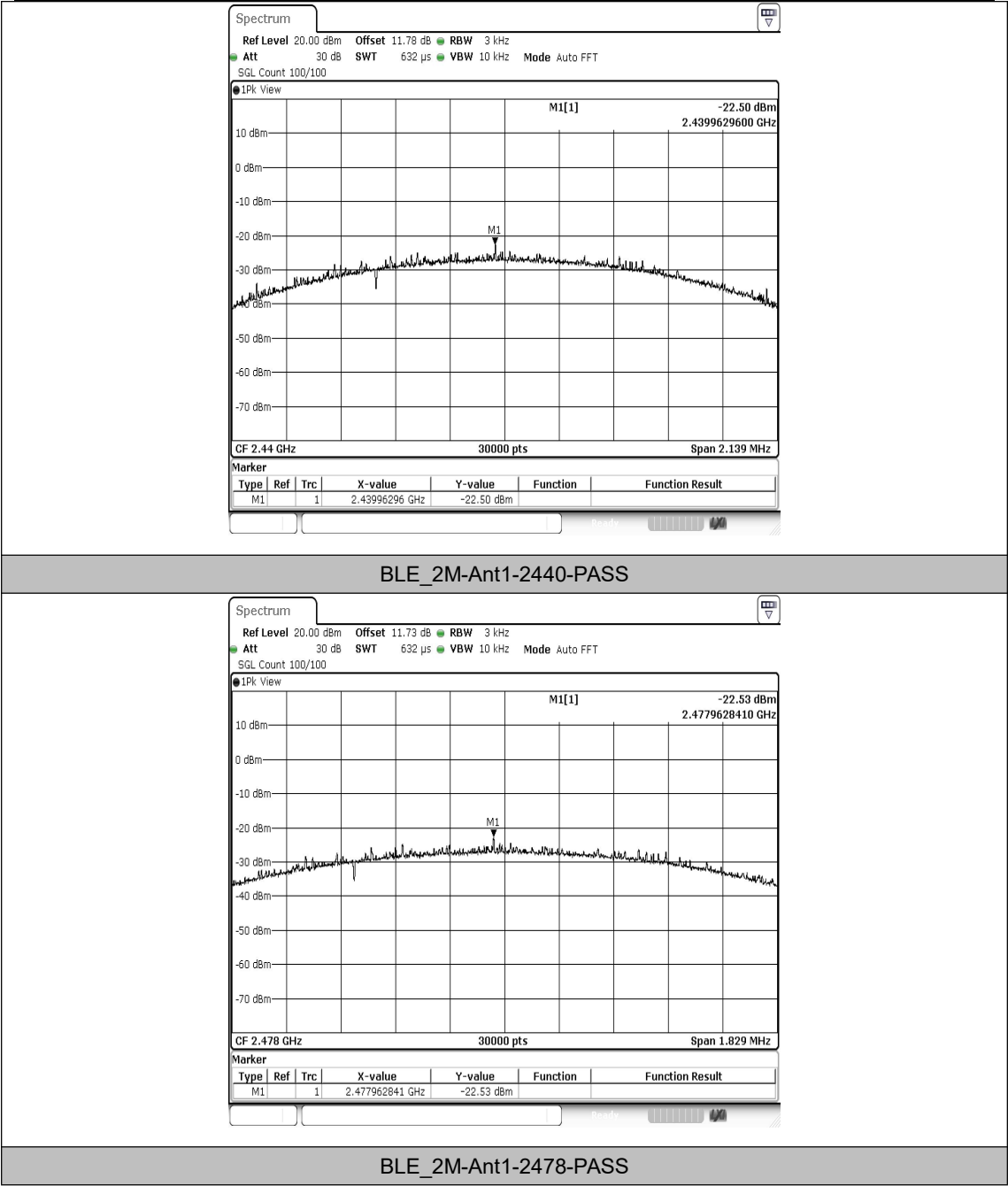


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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.08	-47.21	≤-23.08	PASS
BLE_1M	Ant1	High	2480	-4.91	-46.36	≤-24.91	PASS
BLE_2M	Ant1	Low	2404	-6.95	-47.63	≤-26.95	PASS
BLE_2M	Ant1	High	2478	-7.16	-47.06	≤-27.16	PASS

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