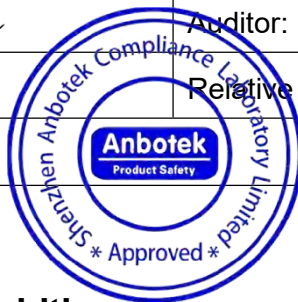


Appendix Test Data

Report No.:	1812C50513512501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-17	Finish Test Date:	2025-10-20
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	27°C	Relative Humidity:	47%
Pressure:	101kPa		



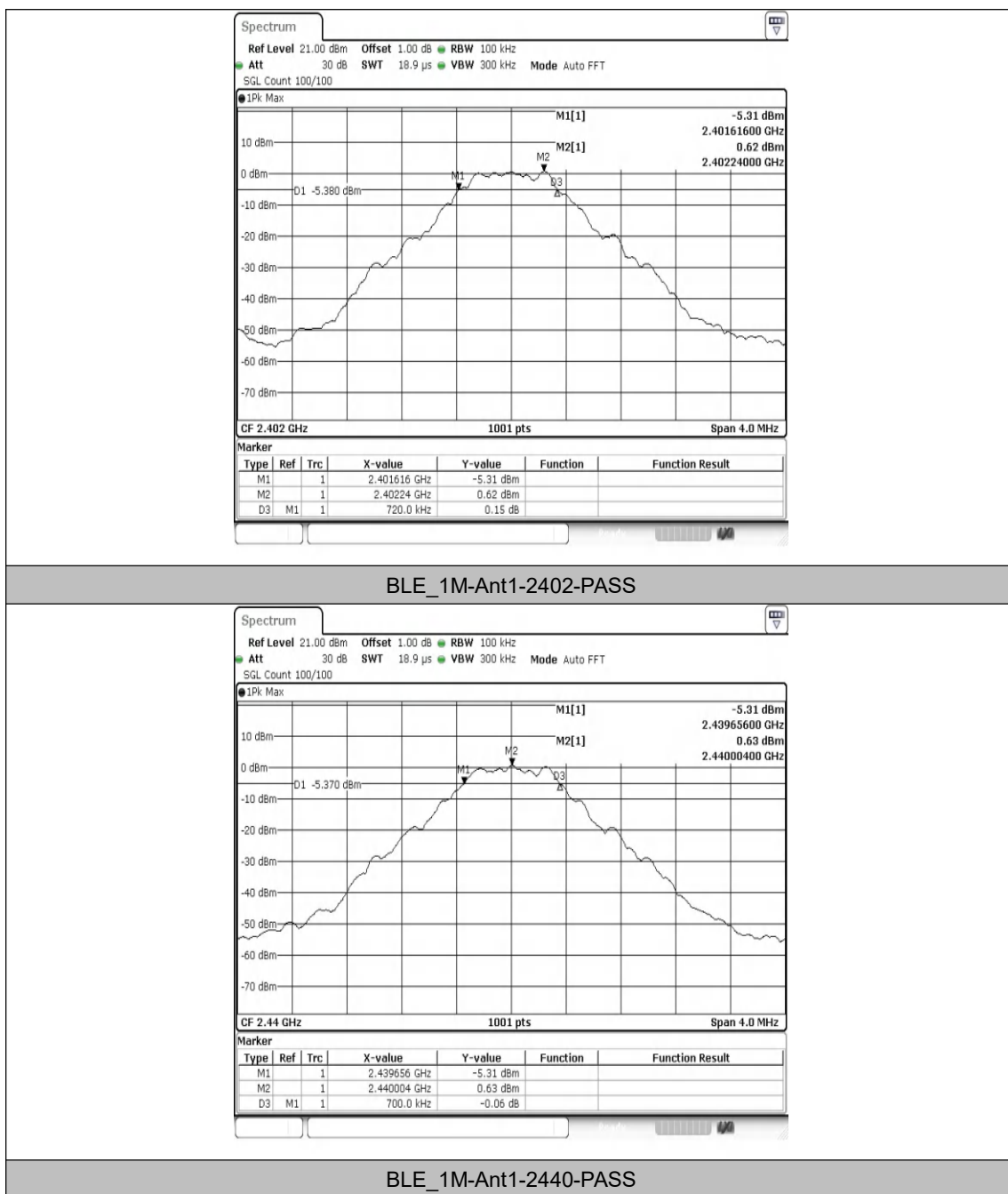
Appendix A: 6dB Bandwidth

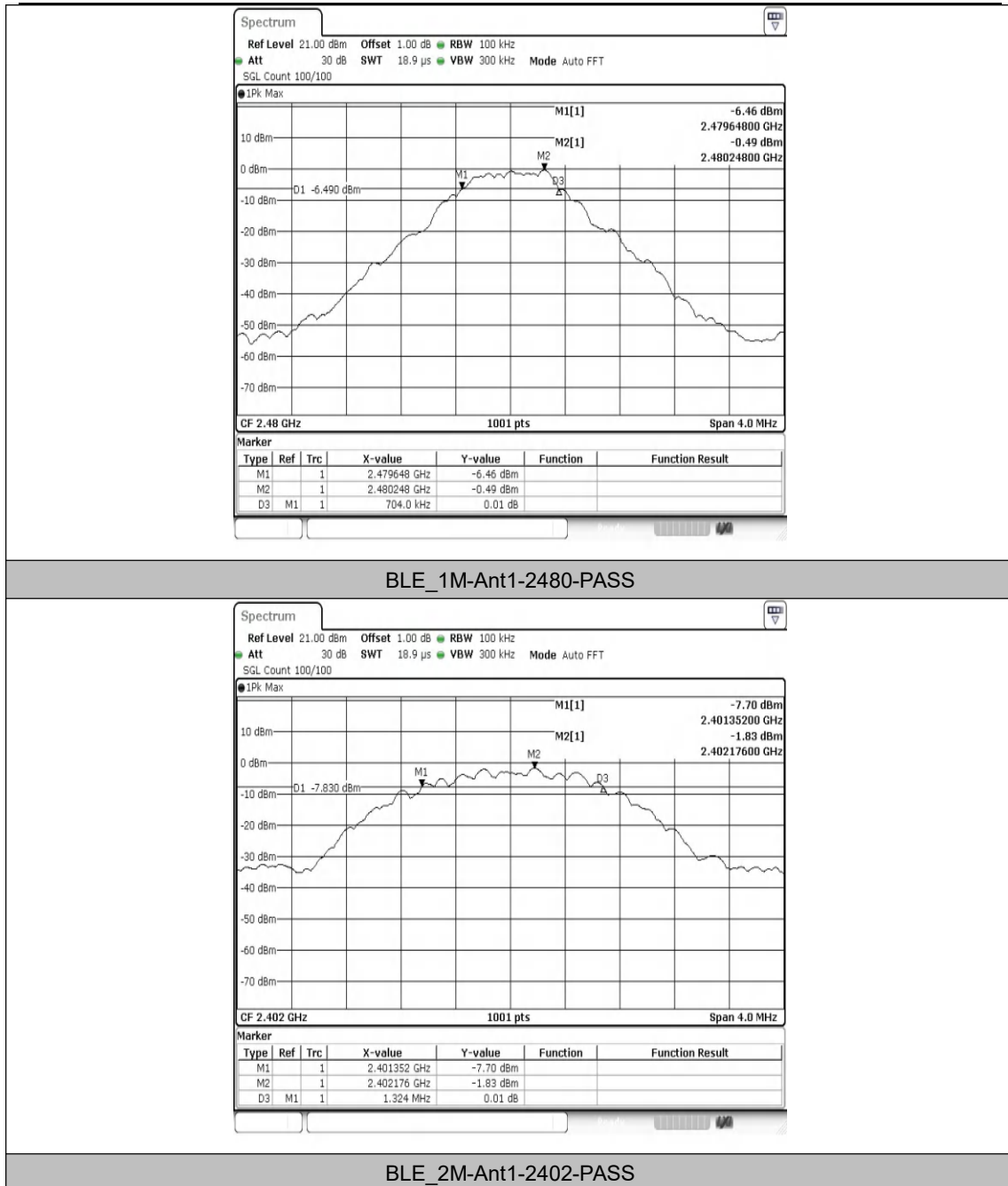
Test Result

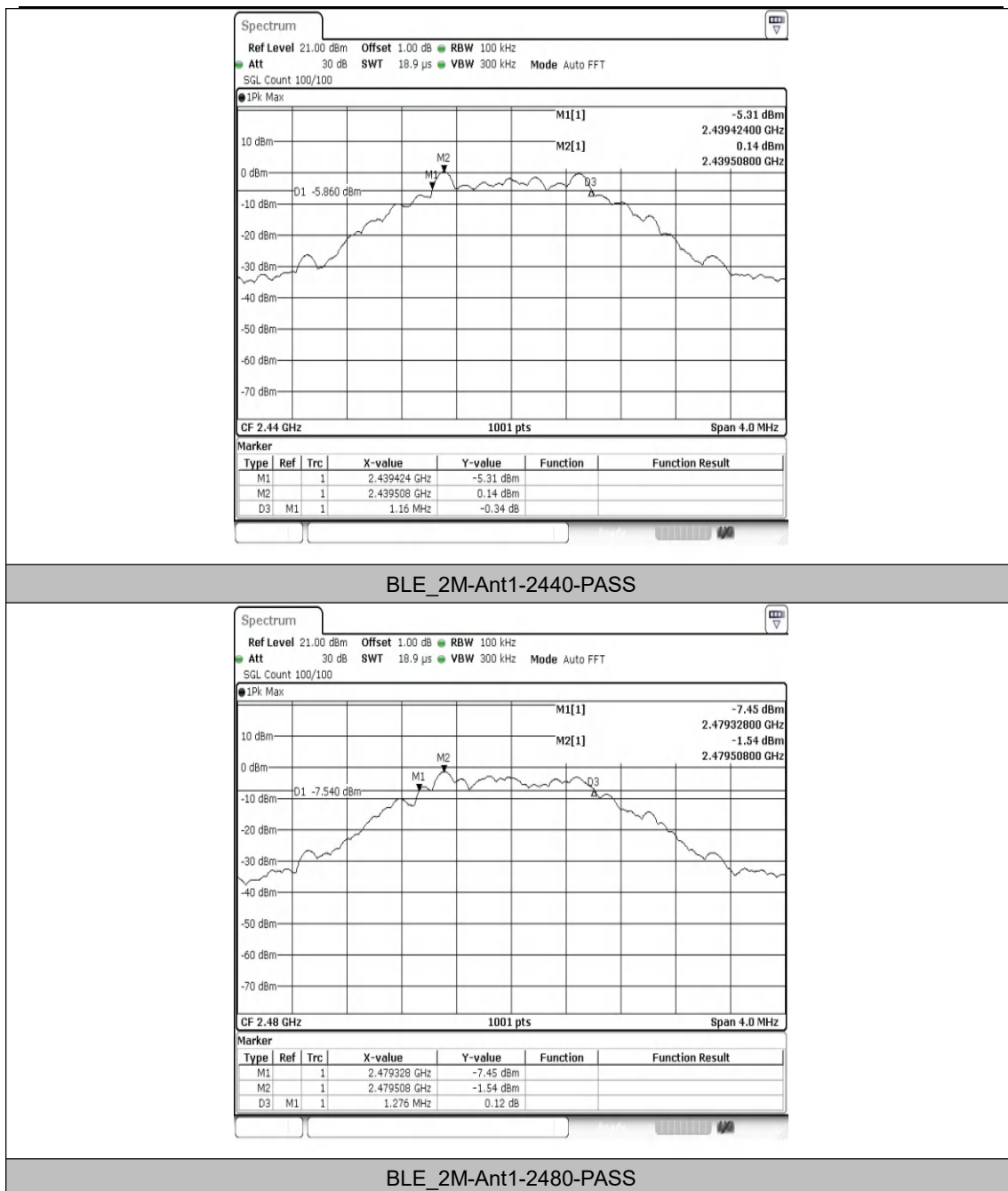
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.72	2401.62	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.70	2439.66	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.70	2479.65	2480.35	0.5	PASS
BLE_2M	Ant1	2402	1.32	2401.35	2402.68	0.5	PASS
BLE_2M	Ant1	2440	1.16	2439.42	2440.58	0.5	PASS
BLE_2M	Ant1	2480	1.28	2479.33	2480.60	0.5	PASS



Test Graphs







Appendix B: 99% Occupied Bandwidth

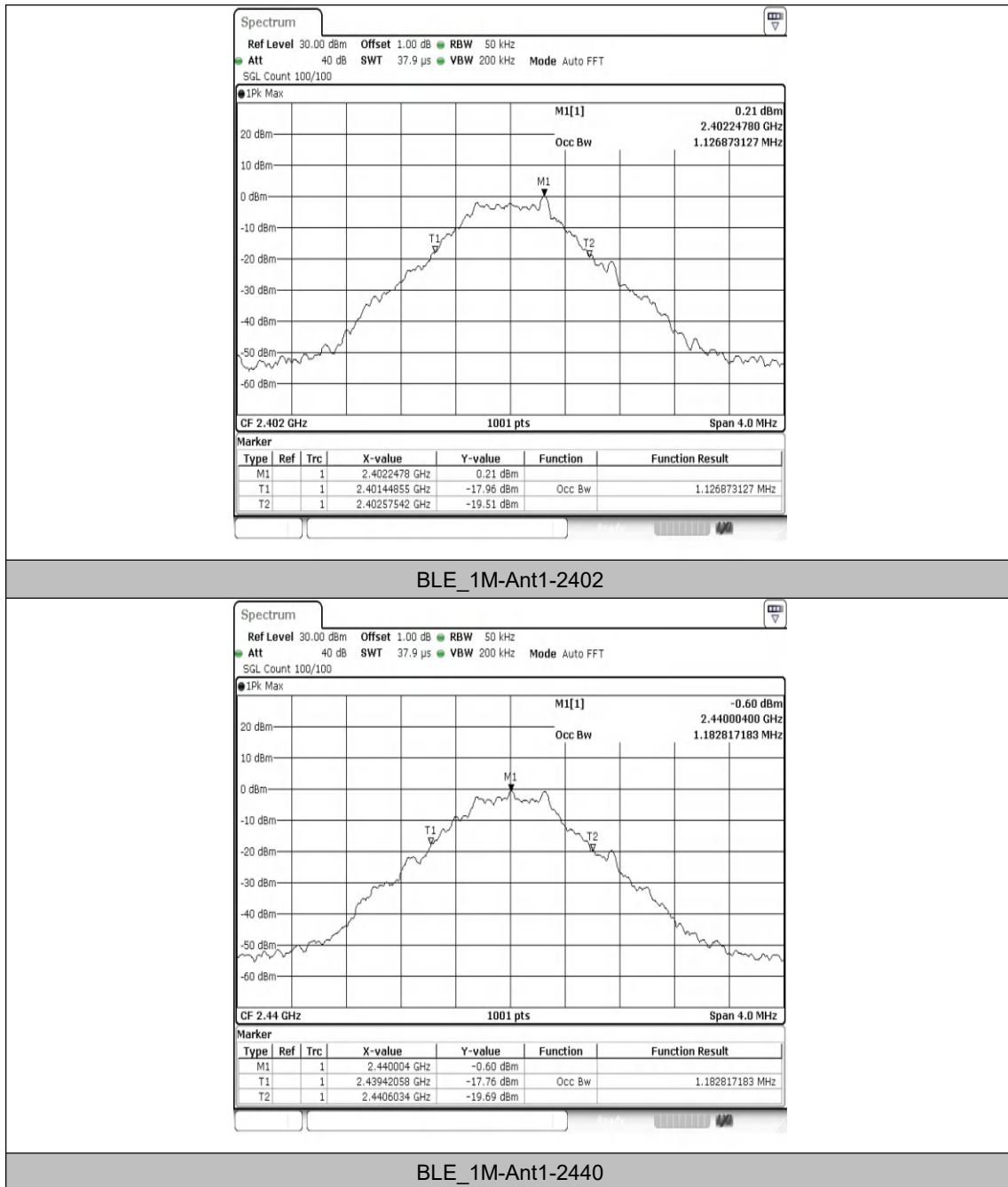
Test Result

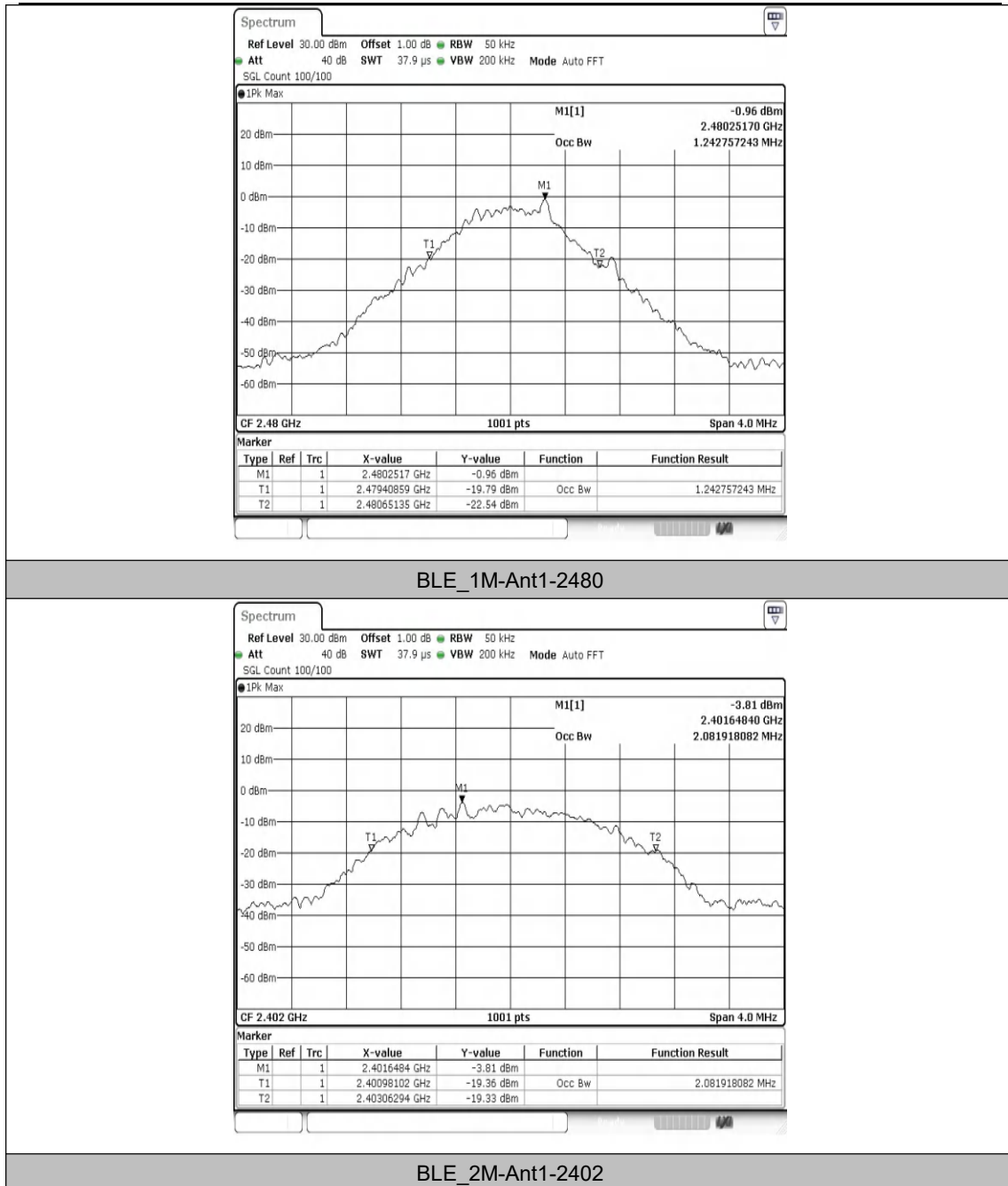
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.1269	2401.4486	2402.5754	---	---
BLE_1M	Ant1	2440	1.1828	2439.4206	2440.6034	---	---
BLE_1M	Ant1	2480	1.2428	2479.4086	2480.6513	---	---
BLE_2M	Ant1	2402	2.0819	2400.9810	2403.0629	---	---
BLE_2M	Ant1	2440	2.1059	2438.9610	2441.0669	---	---
BLE_2M	Ant1	2480	2.1339	2478.9451	2481.0789	---	---

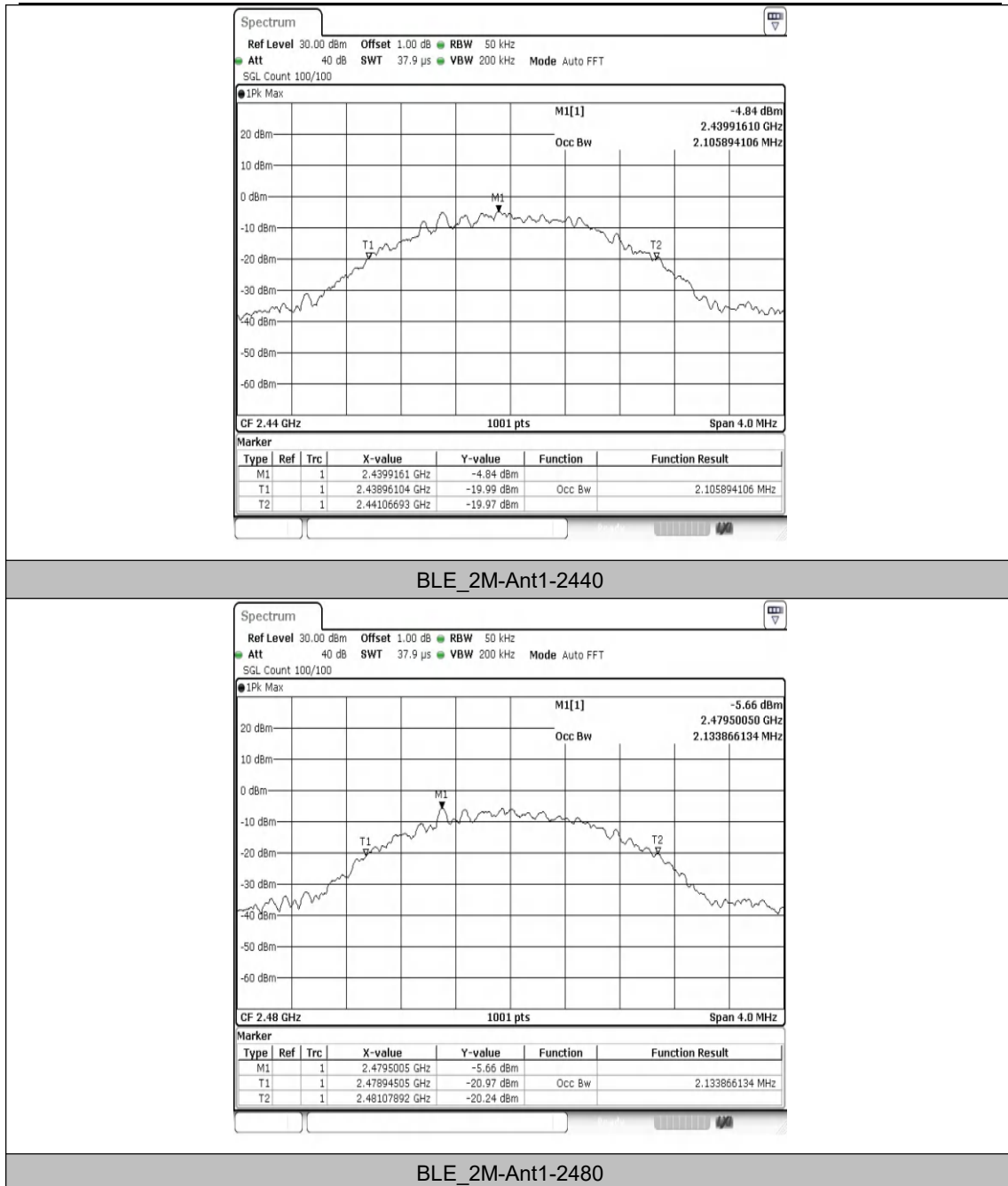
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Test Graphs







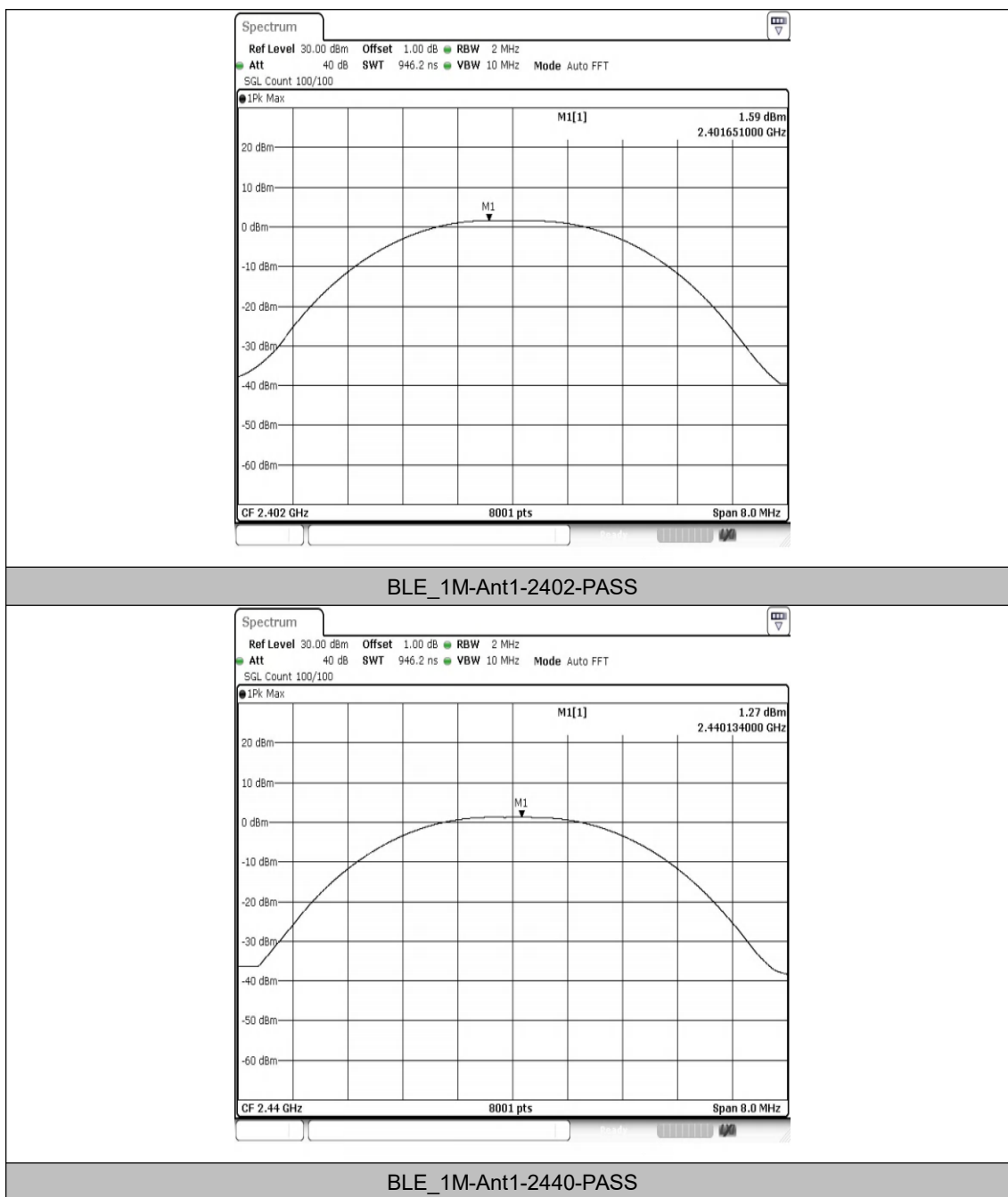
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.59	≤30	PASS
BLE_1M	Ant1	2440	1.27	≤30	PASS
BLE_1M	Ant1	2480	0.54	≤30	PASS
BLE_2M	Ant1	2402	1.61	≤30	PASS
BLE_2M	Ant1	2440	1.32	≤30	PASS
BLE_2M	Ant1	2480	0.61	≤30	PASS



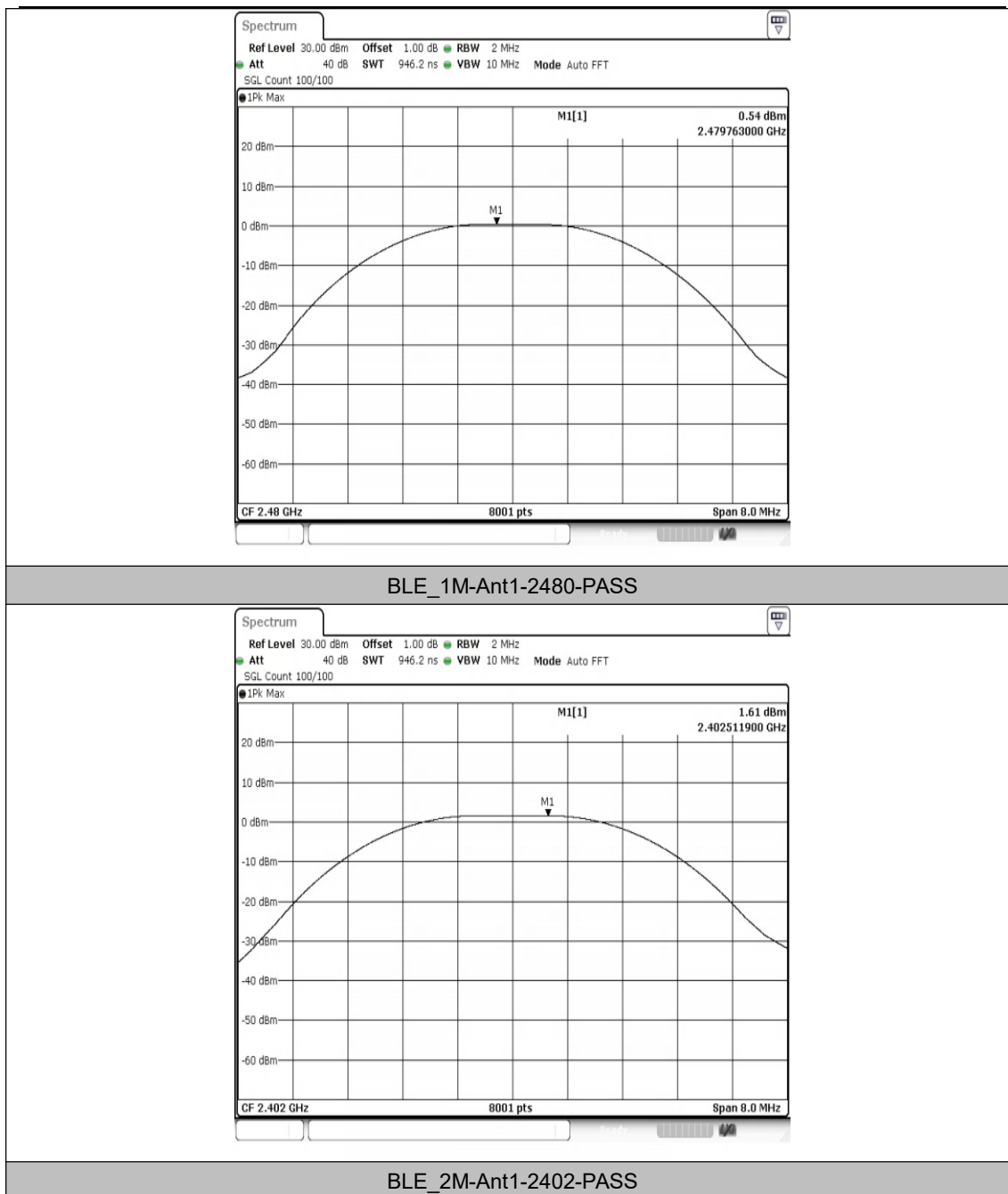
Test Graphs Peak



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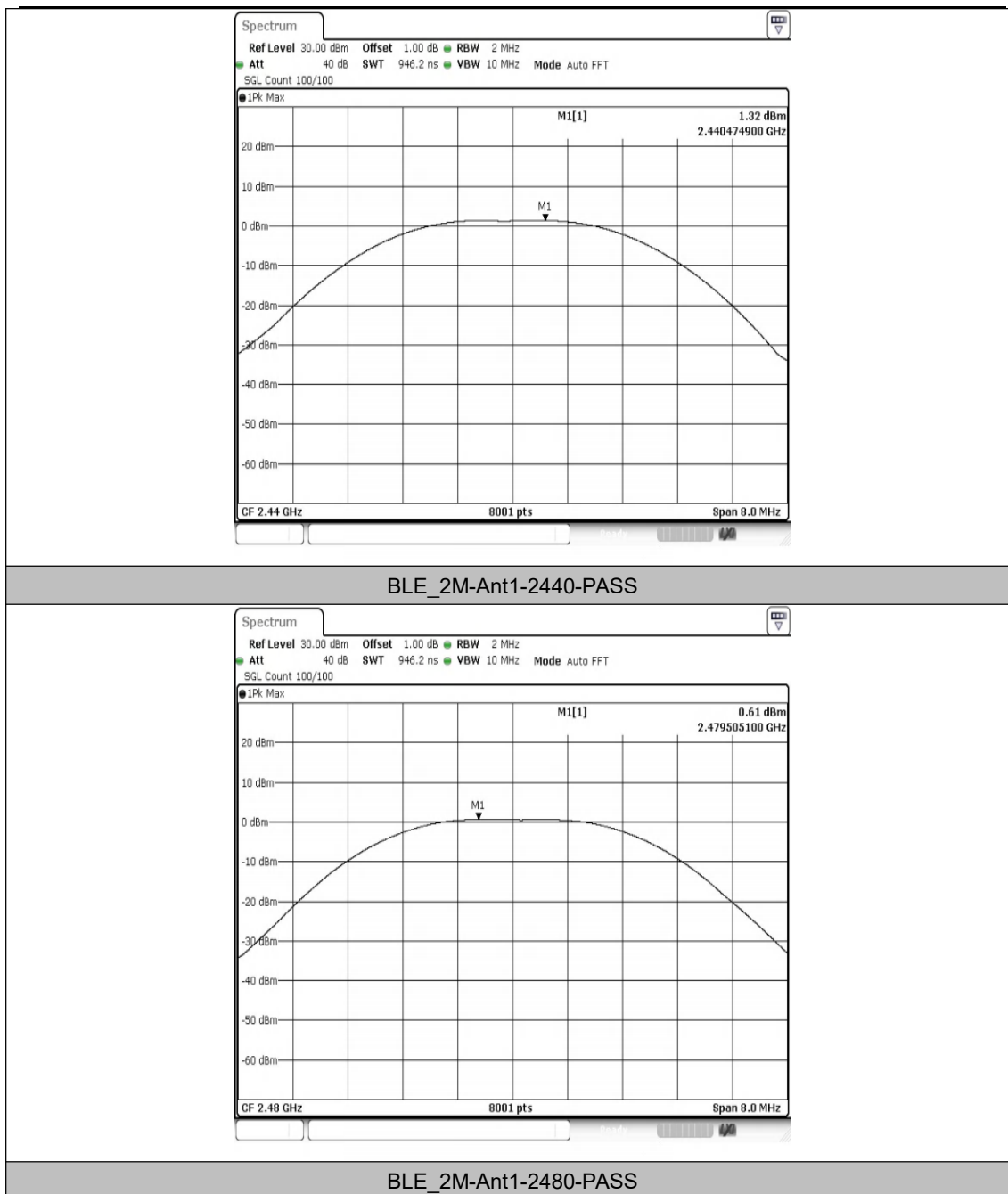
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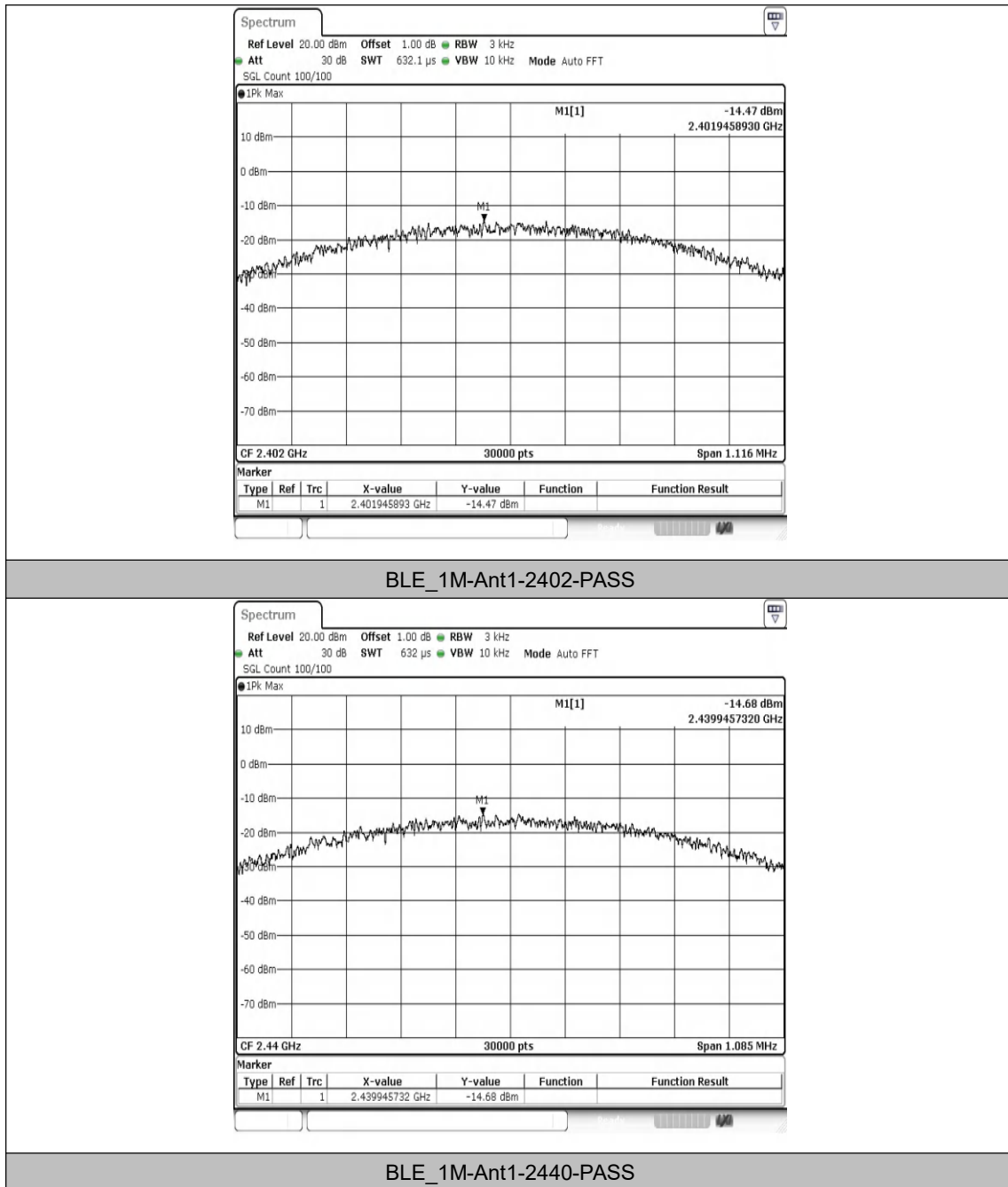
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.47	≤8.00	PASS
BLE_1M	Ant1	2440	-14.68	≤8.00	PASS
BLE_1M	Ant1	2480	-15.70	≤8.00	PASS
BLE_2M	Ant1	2402	-17.86	≤8.00	PASS
BLE_2M	Ant1	2440	-17.45	≤8.00	PASS
BLE_2M	Ant1	2480	-18.06	≤8.00	PASS

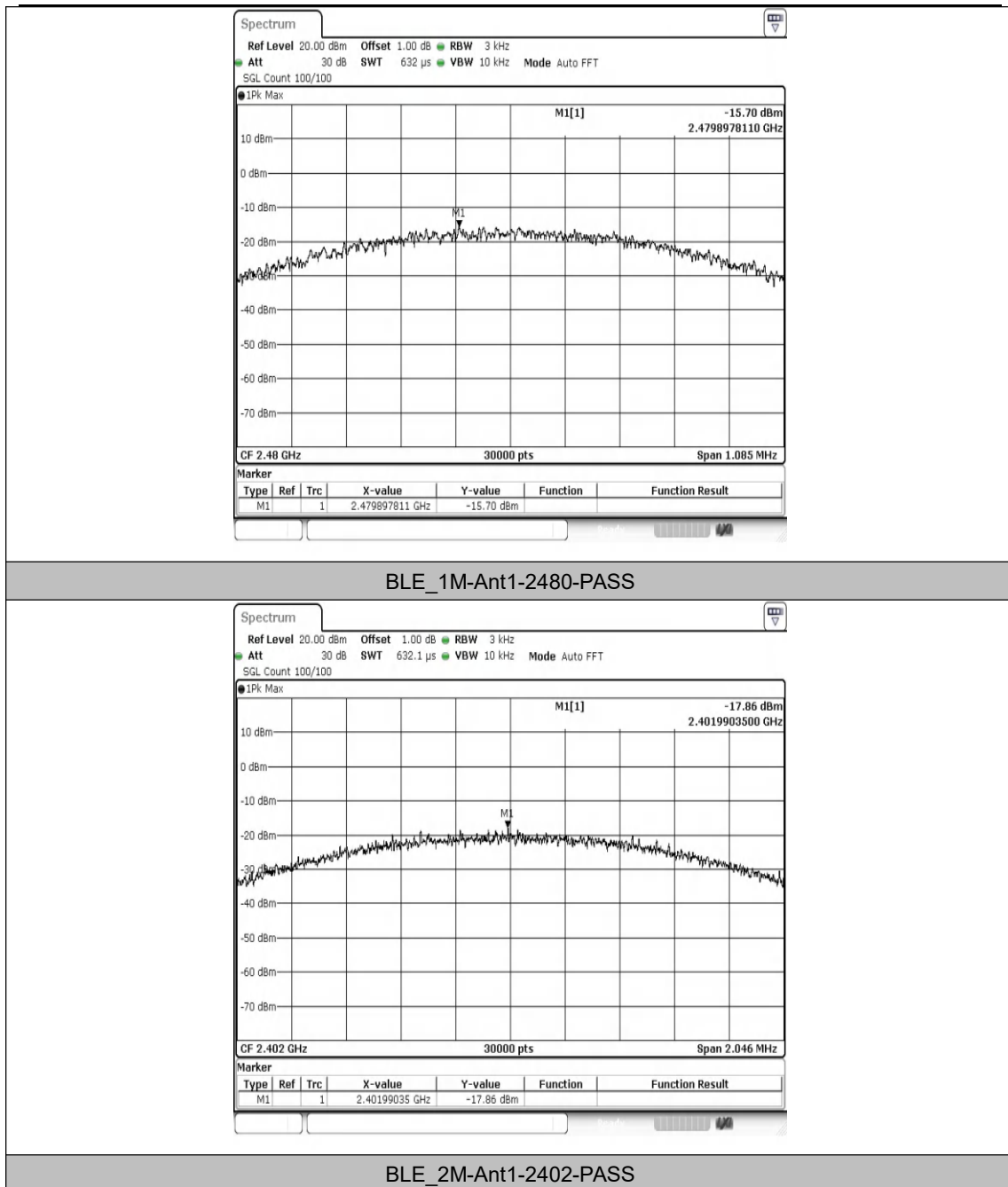
Test Graphs

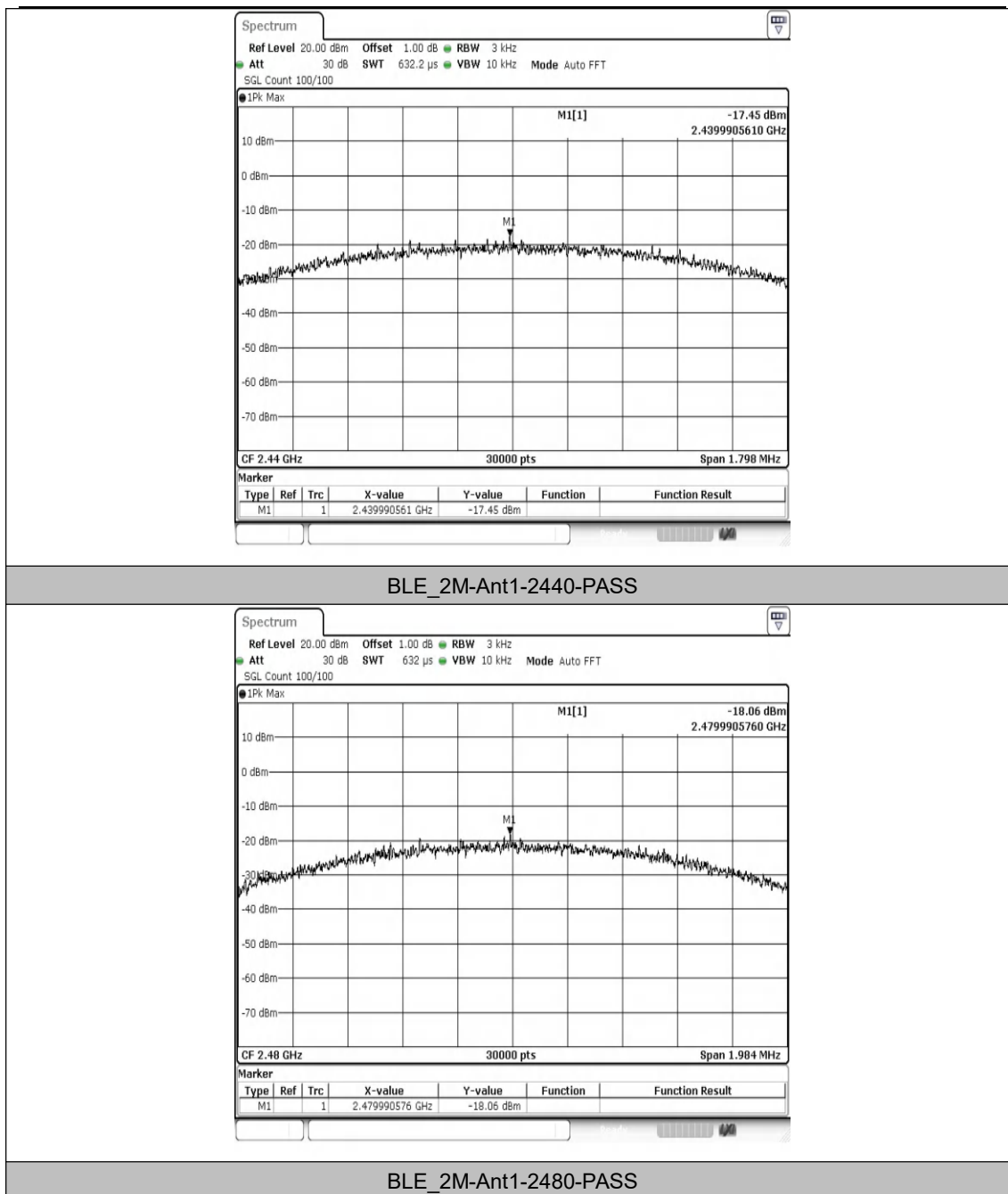


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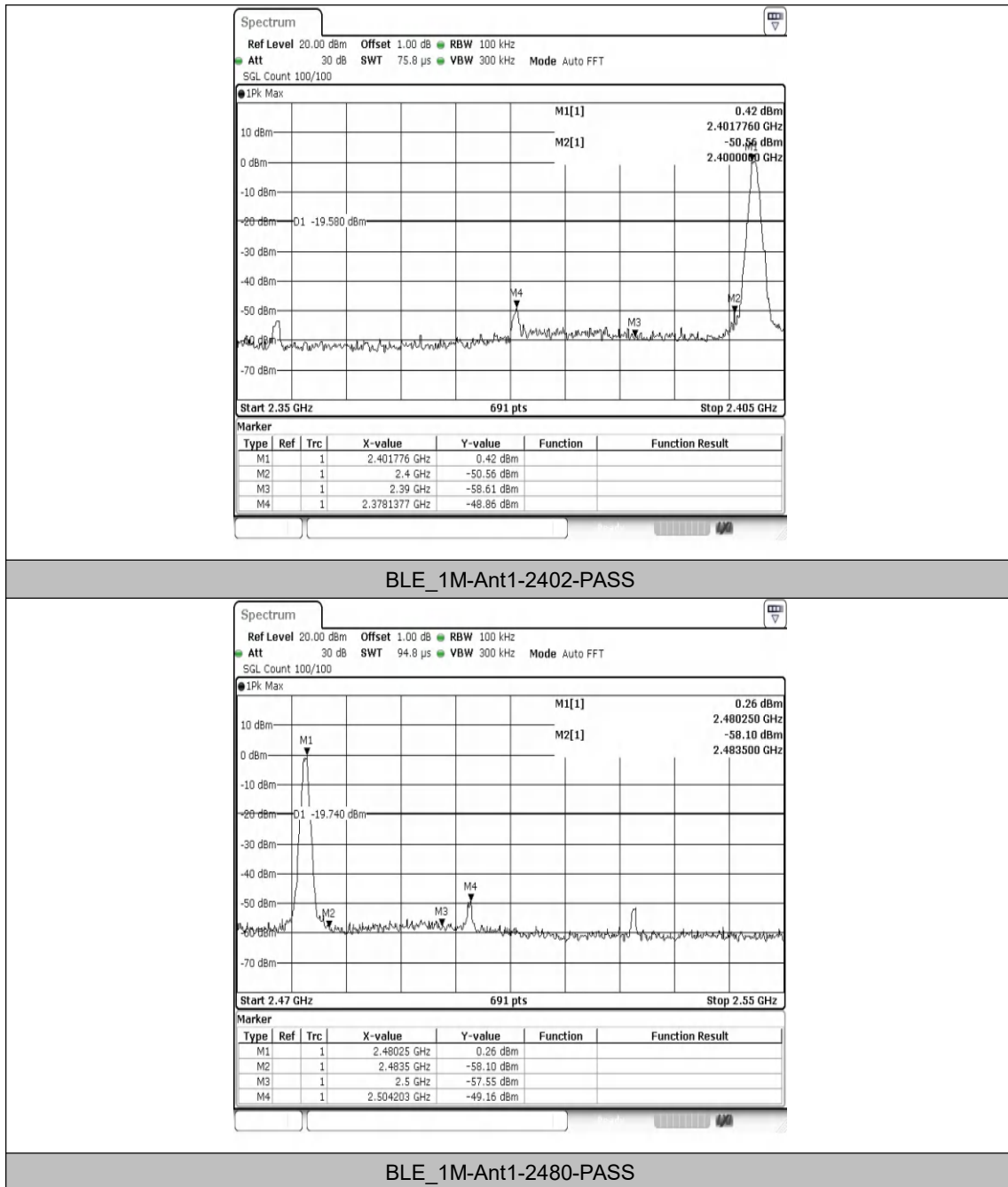
Appendix E: Band edge measurements

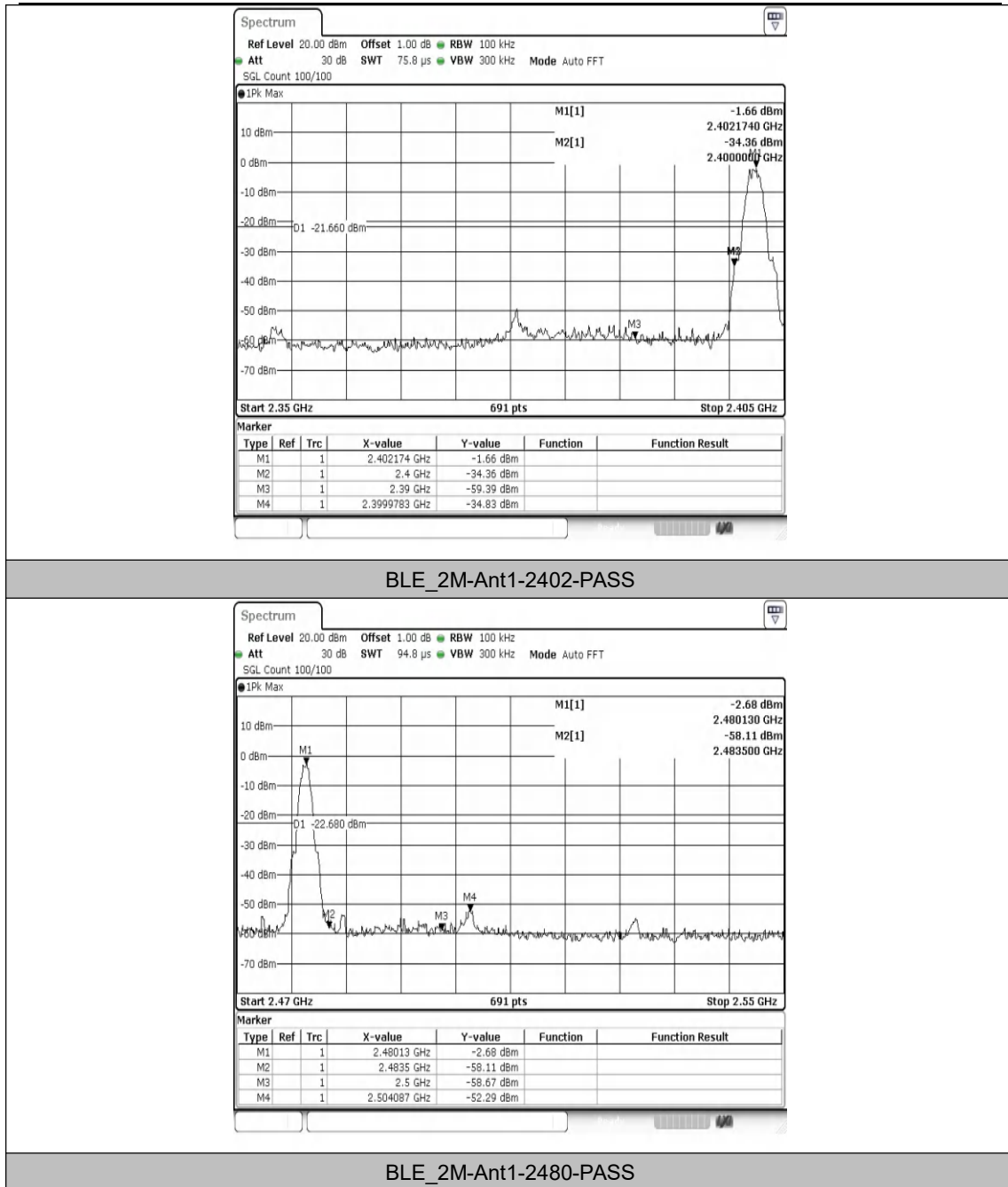
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.42	-48.86	≤-19.58	PASS
BLE_1M	Ant1	High	2480	0.26	-49.16	≤-19.74	PASS
BLE_2M	Ant1	Low	2402	-1.66	-34.83	≤-21.66	PASS
BLE_2M	Ant1	High	2480	-2.68	-52.29	≤-22.68	PASS



Test Graphs





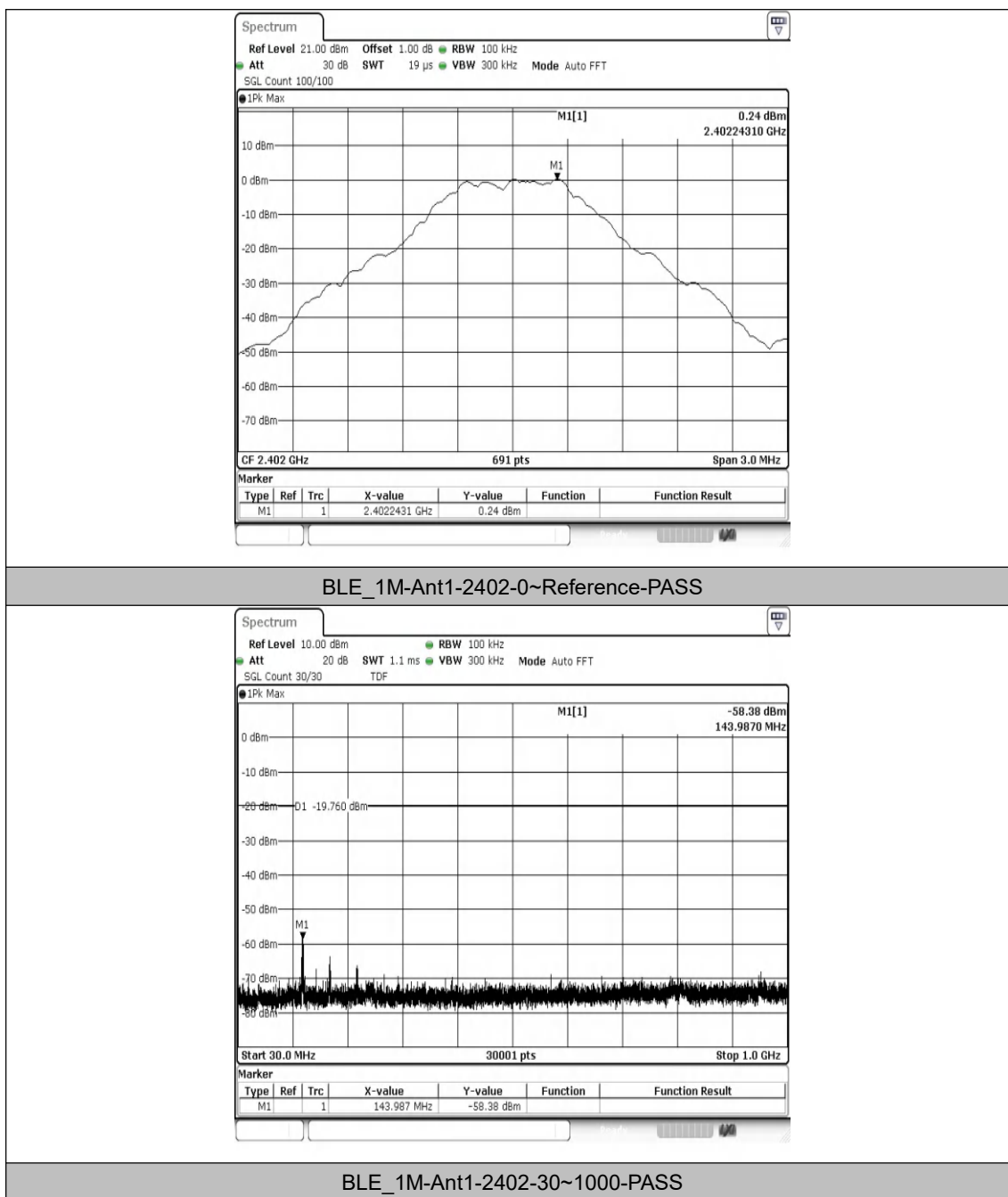
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.24	0.24	---	PASS
BLE_1M	Ant1	2402	30~1000	0.24	-58.38	≤-19.76	PASS
BLE_1M	Ant1	2402	1000~26500	0.24	-39.24	≤-19.76	PASS
BLE_1M	Ant1	2440	0~Reference	0.40	0.40	---	PASS
BLE_1M	Ant1	2440	30~1000	0.40	-60.64	≤-19.6	PASS
BLE_1M	Ant1	2440	1000~26500	0.40	-39.83	≤-19.6	PASS
BLE_1M	Ant1	2480	0~Reference	-0.18	-0.18	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.18	-63.64	≤-20.18	PASS
BLE_1M	Ant1	2480	1000~26500	-0.18	-39.51	≤-20.18	PASS
BLE_2M	Ant1	2402	0~Reference	-1.62	-1.62	---	PASS
BLE_2M	Ant1	2402	30~1000	-1.62	-59.38	≤-21.62	PASS
BLE_2M	Ant1	2402	1000~26500	-1.62	-41.17	≤-21.62	PASS
BLE_2M	Ant1	2440	0~Reference	-0.32	-0.32	---	PASS
BLE_2M	Ant1	2440	30~1000	-0.32	-59.91	≤-20.32	PASS
BLE_2M	Ant1	2440	1000~26500	-0.32	-39.69	≤-20.32	PASS
BLE_2M	Ant1	2480	0~Reference	-0.92	-0.92	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.92	-58.4	≤-20.92	PASS
BLE_2M	Ant1	2480	1000~26500	-0.92	-39.58	≤-20.92	PASS

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

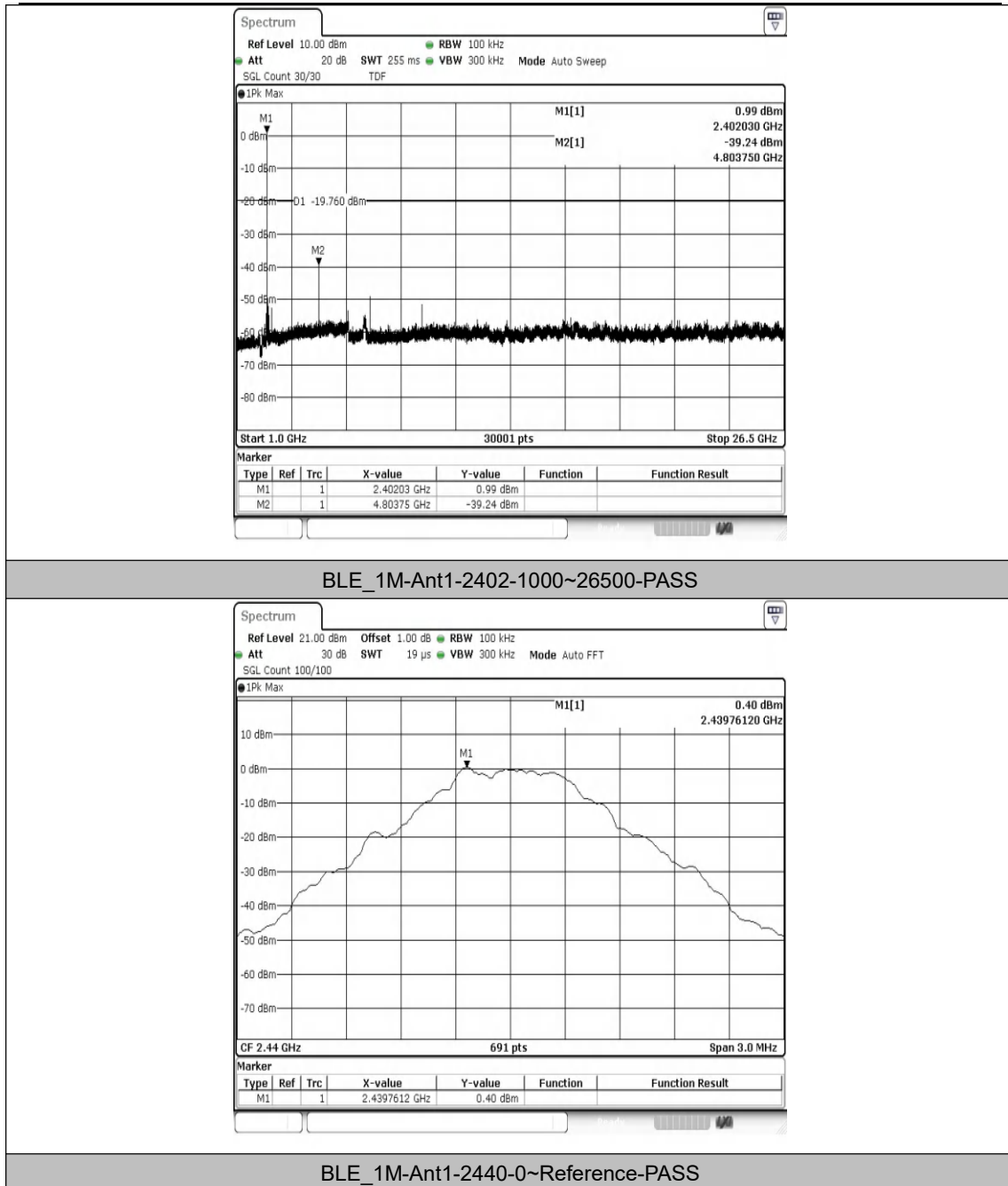
Test Graphs



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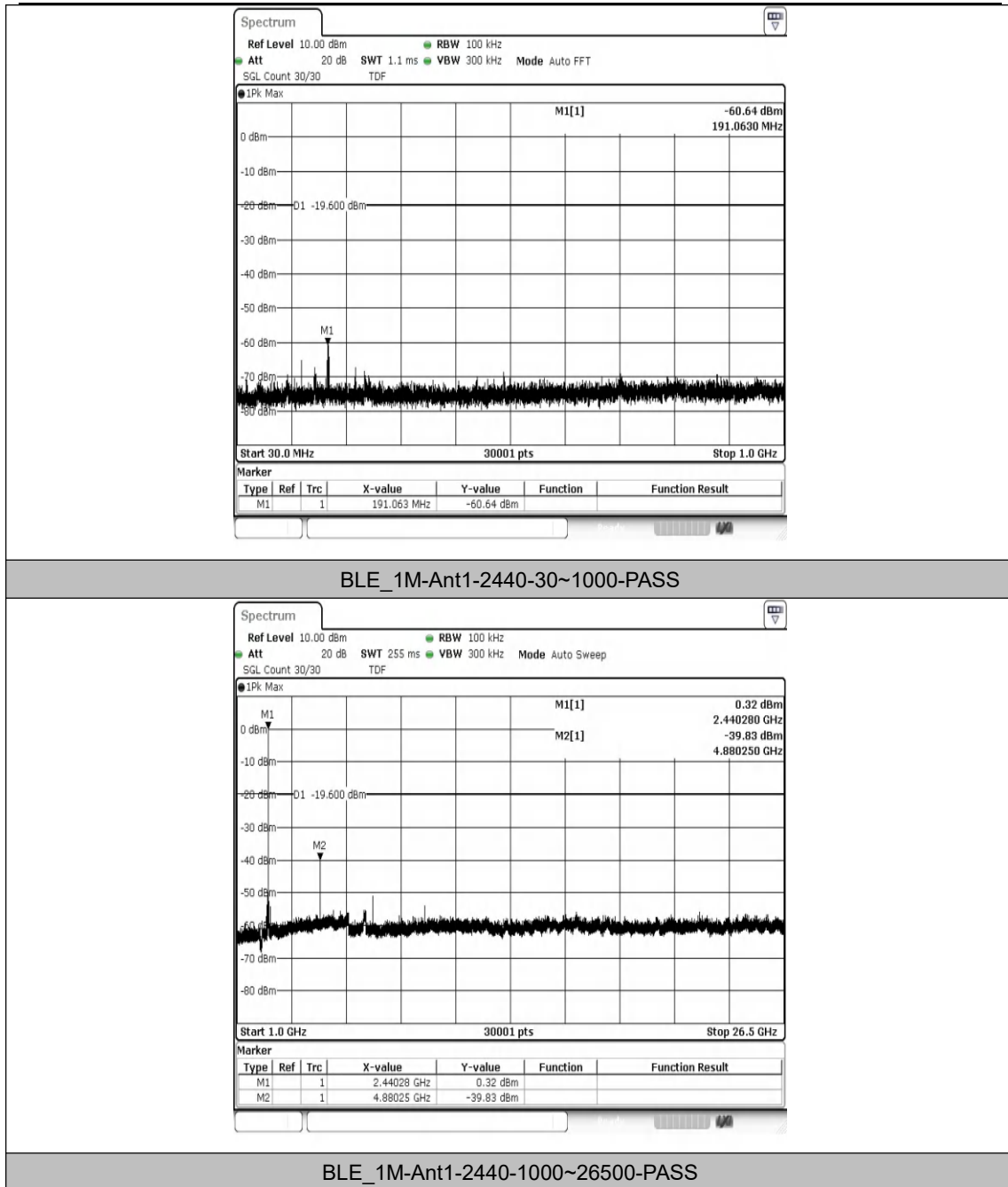
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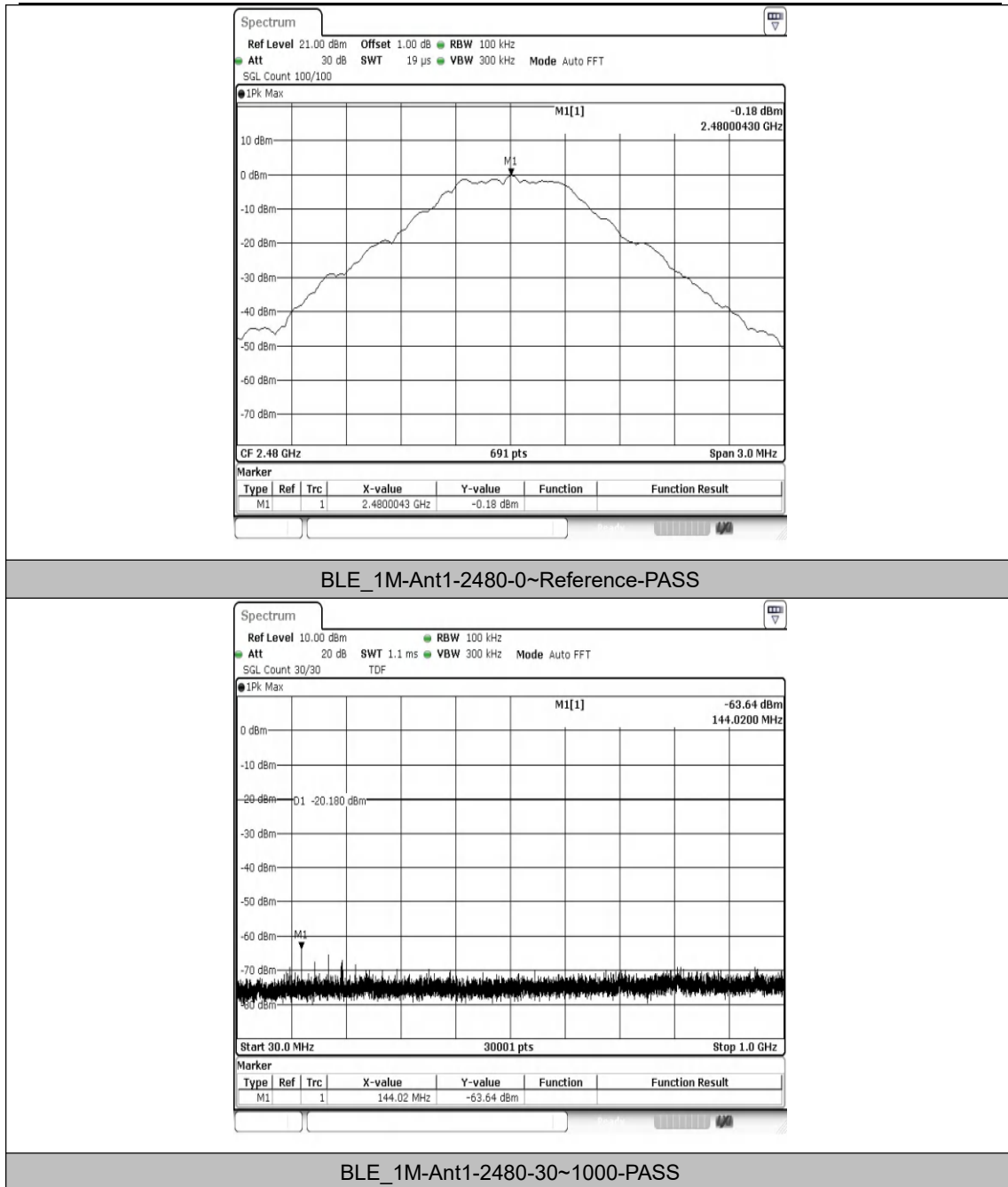


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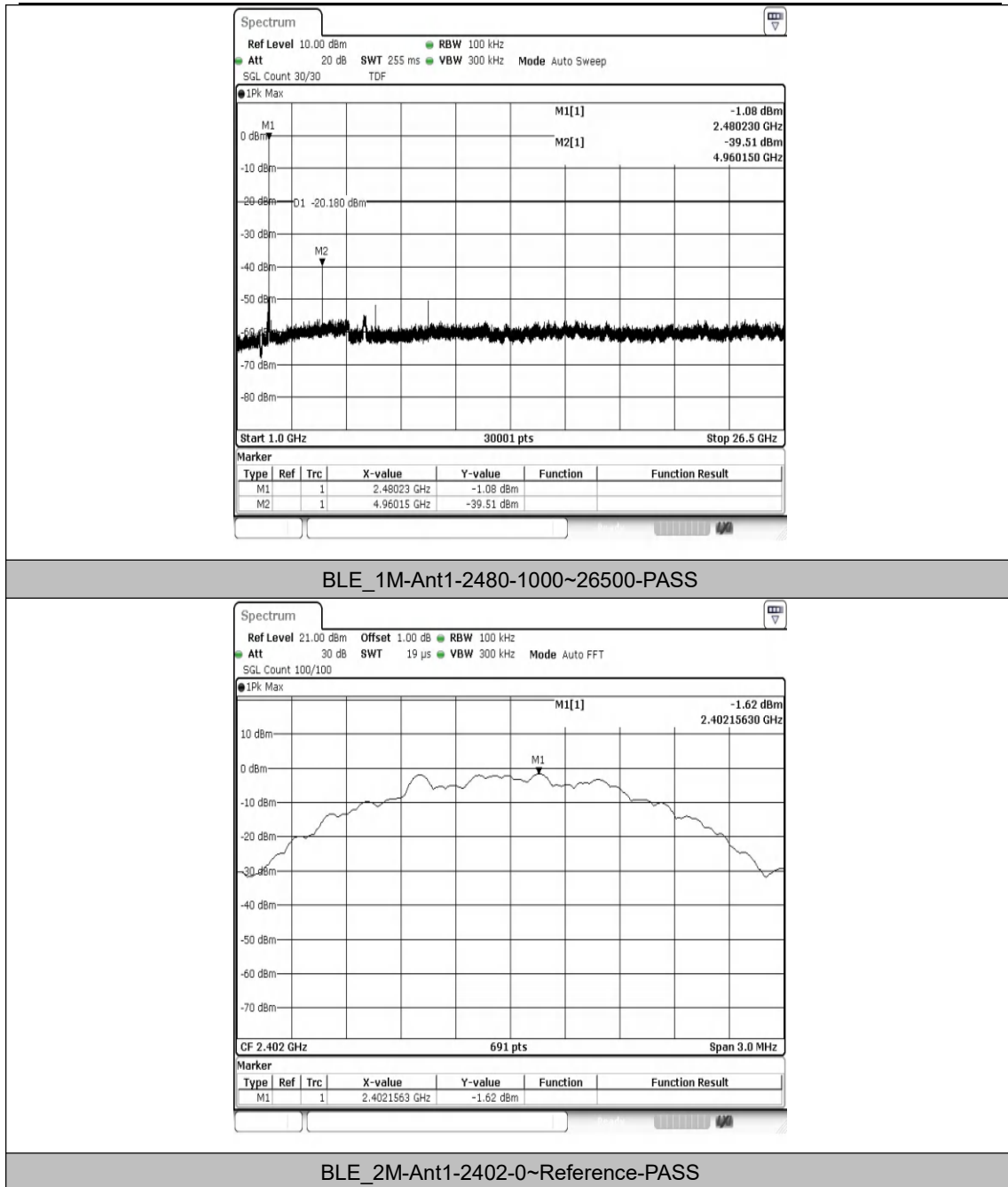




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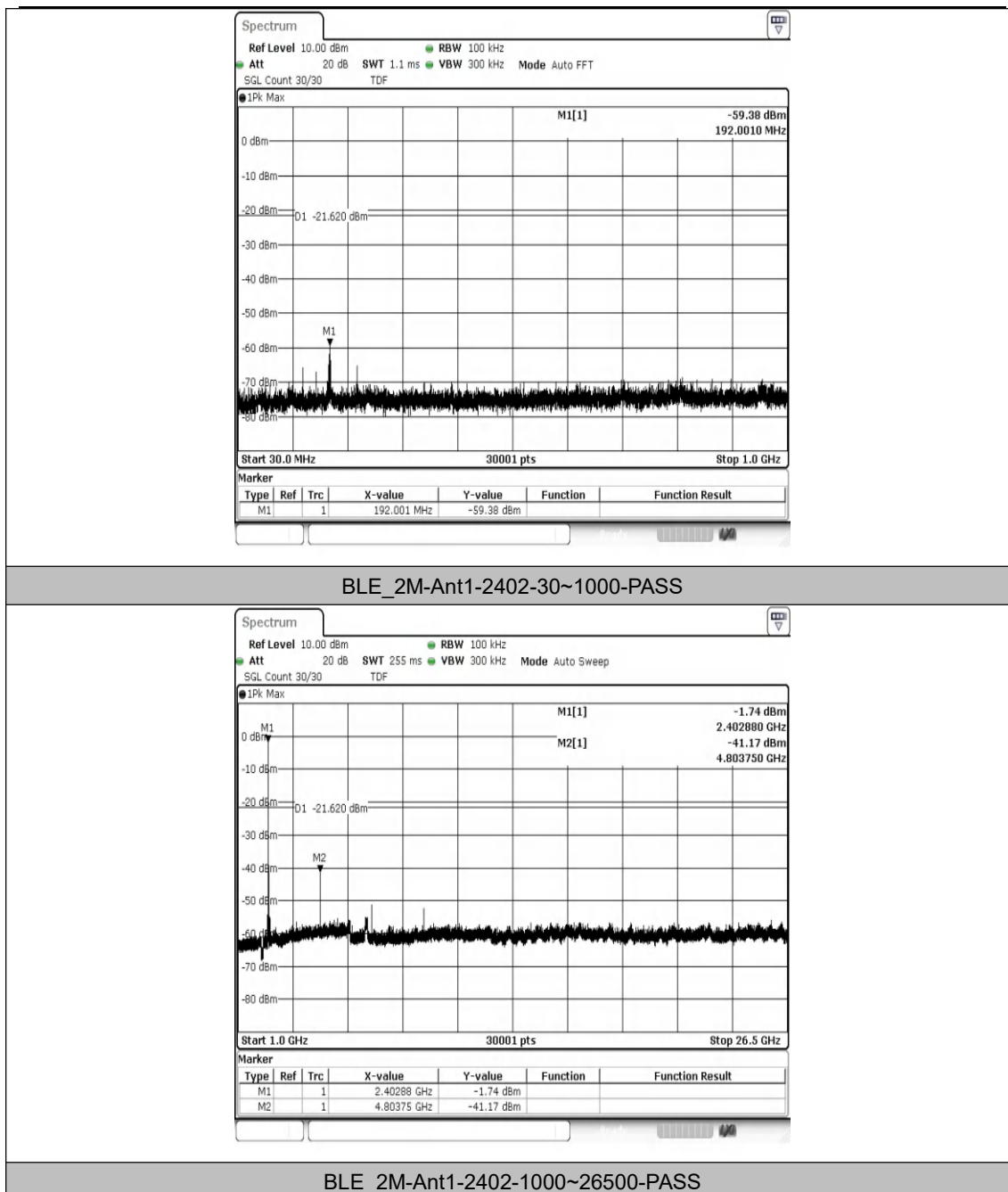
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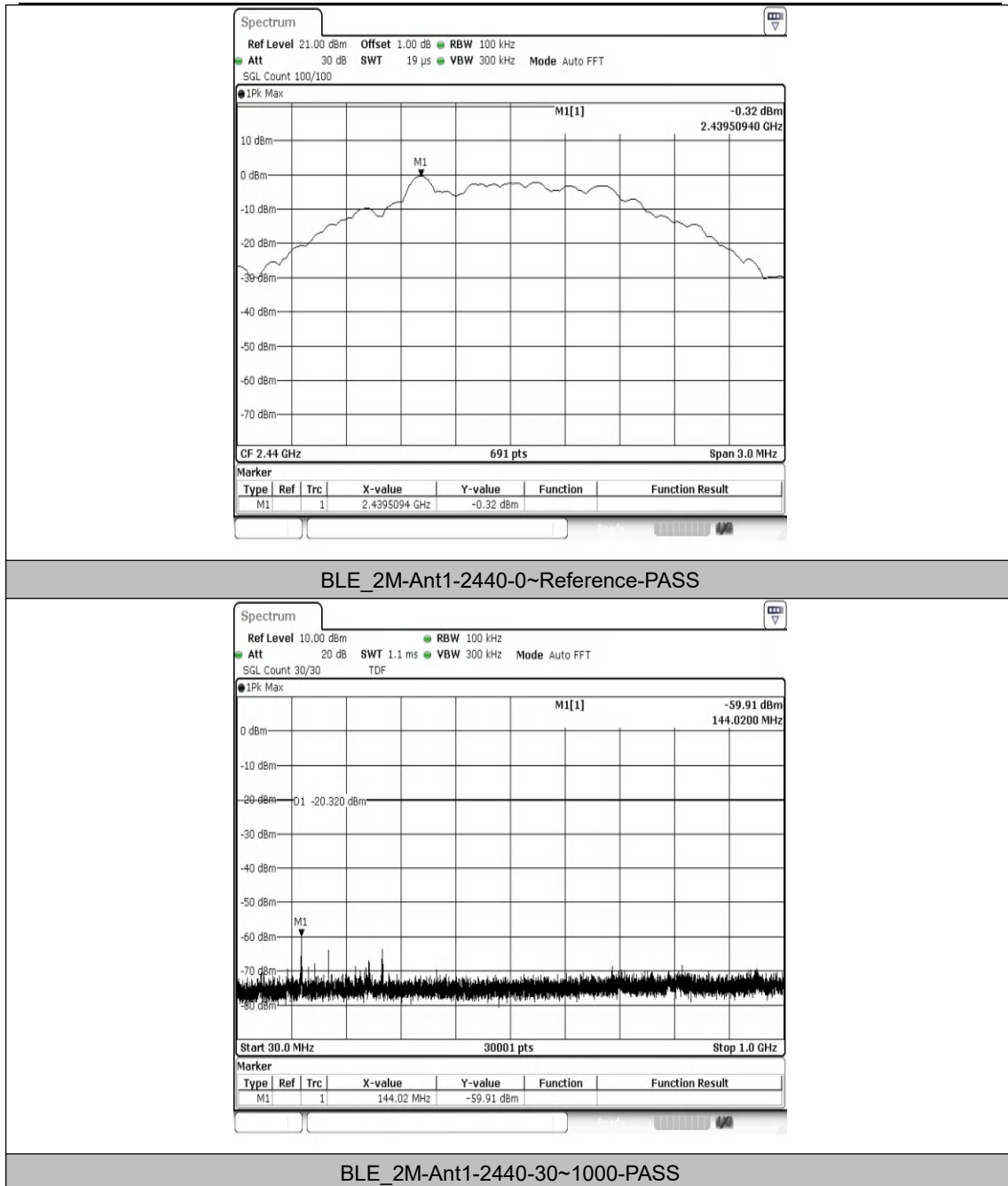


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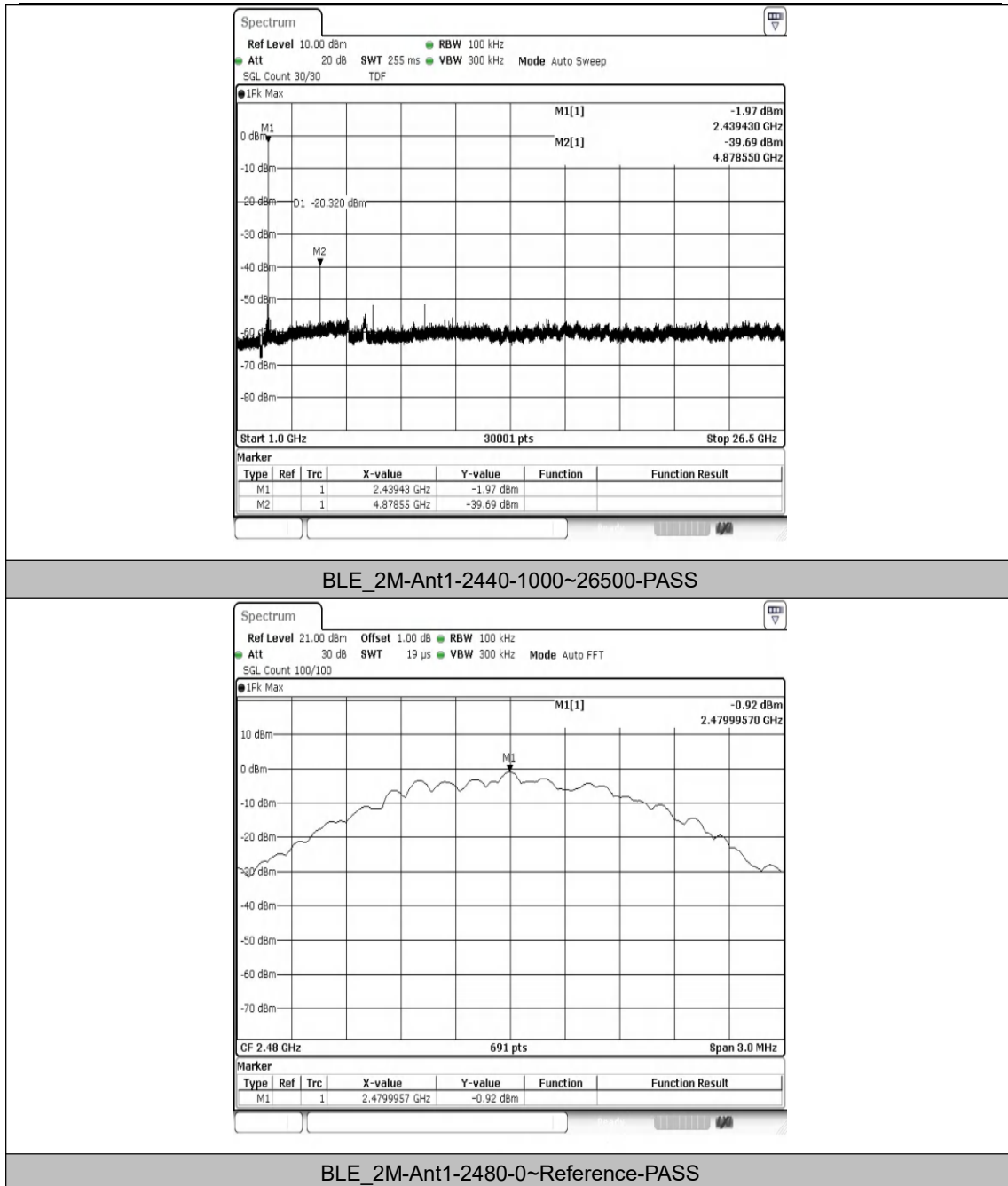




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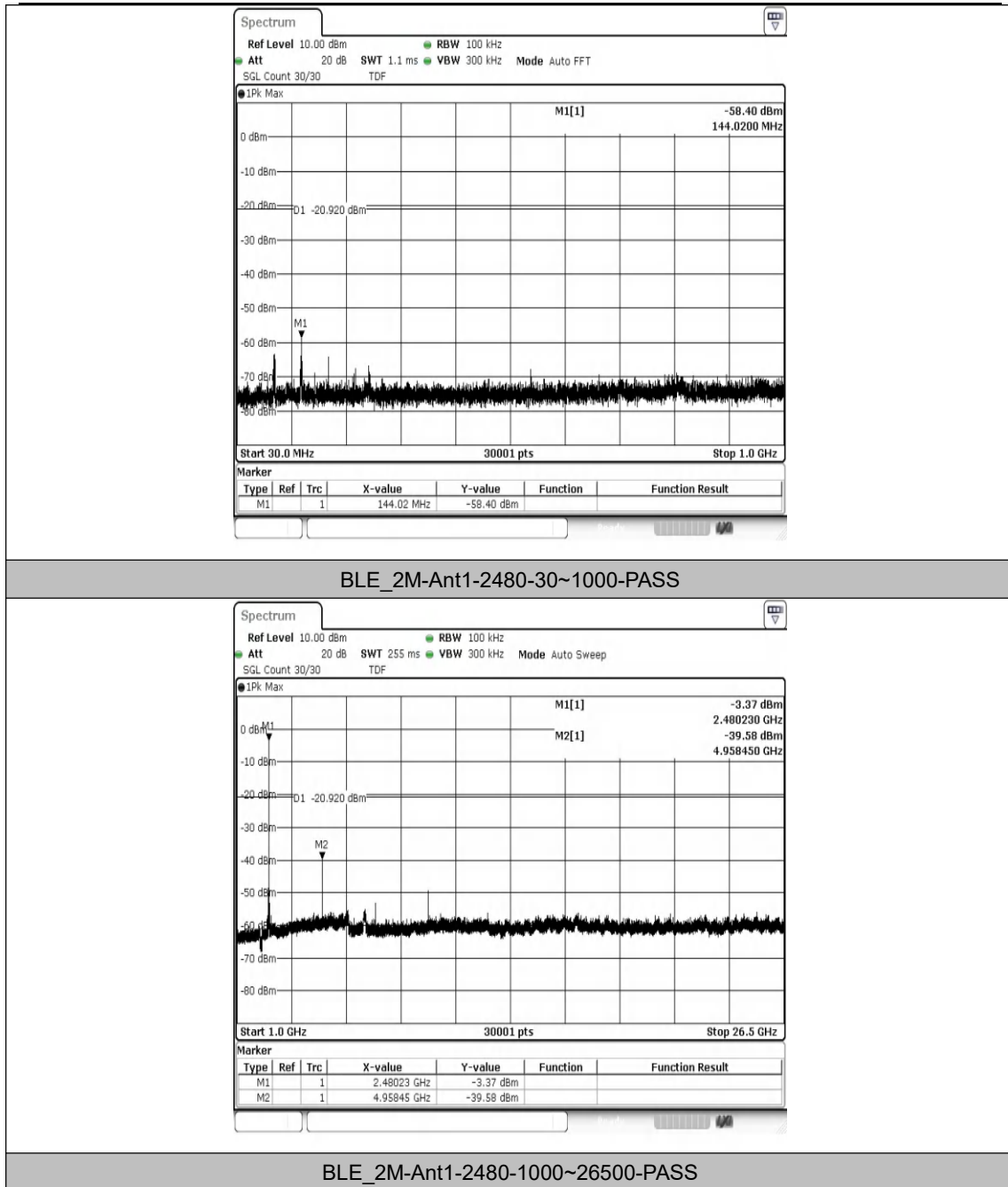
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71
BLE_2M	Ant1	2402	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2440	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2480	1.08	2.50	43.20	3.65

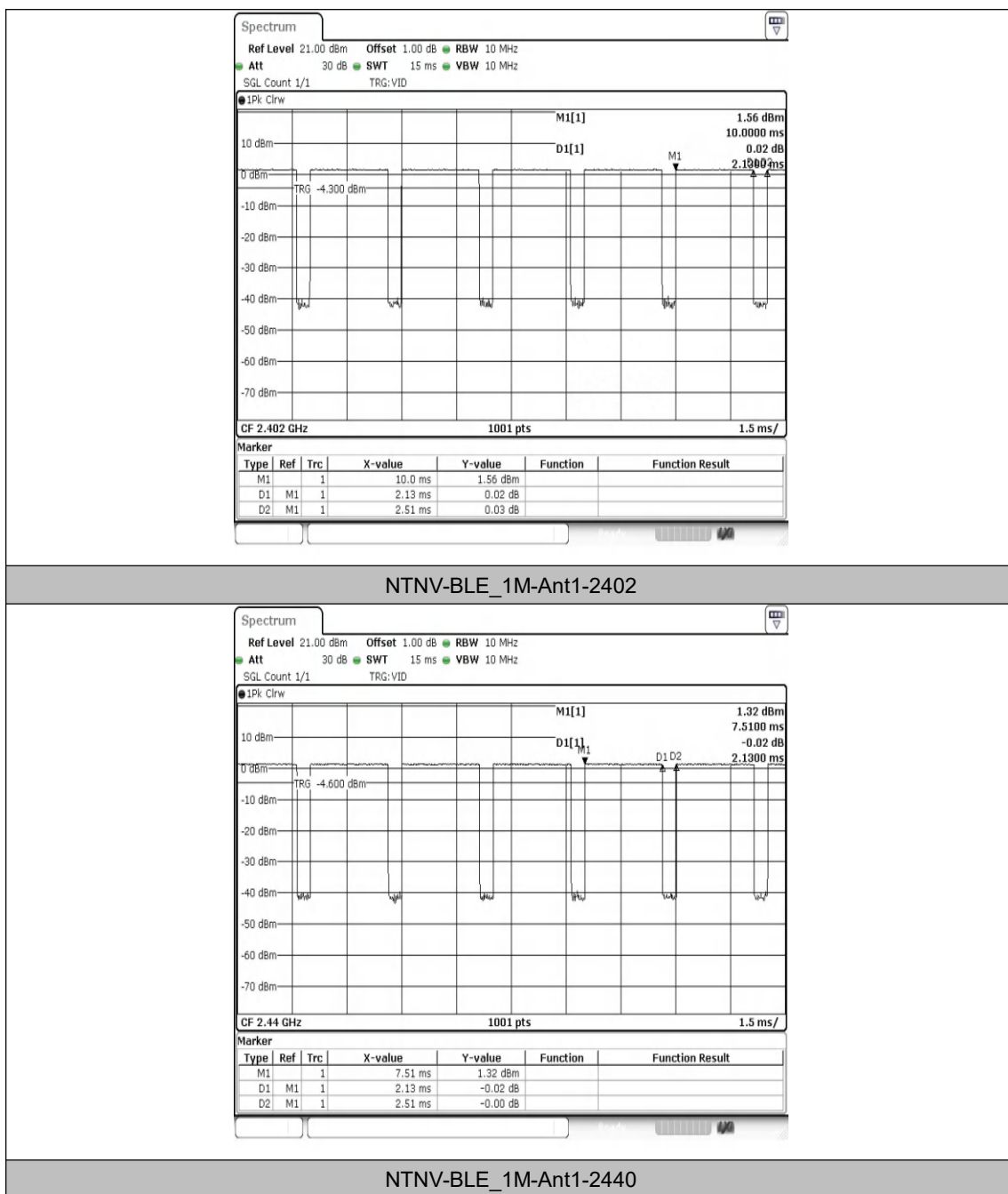
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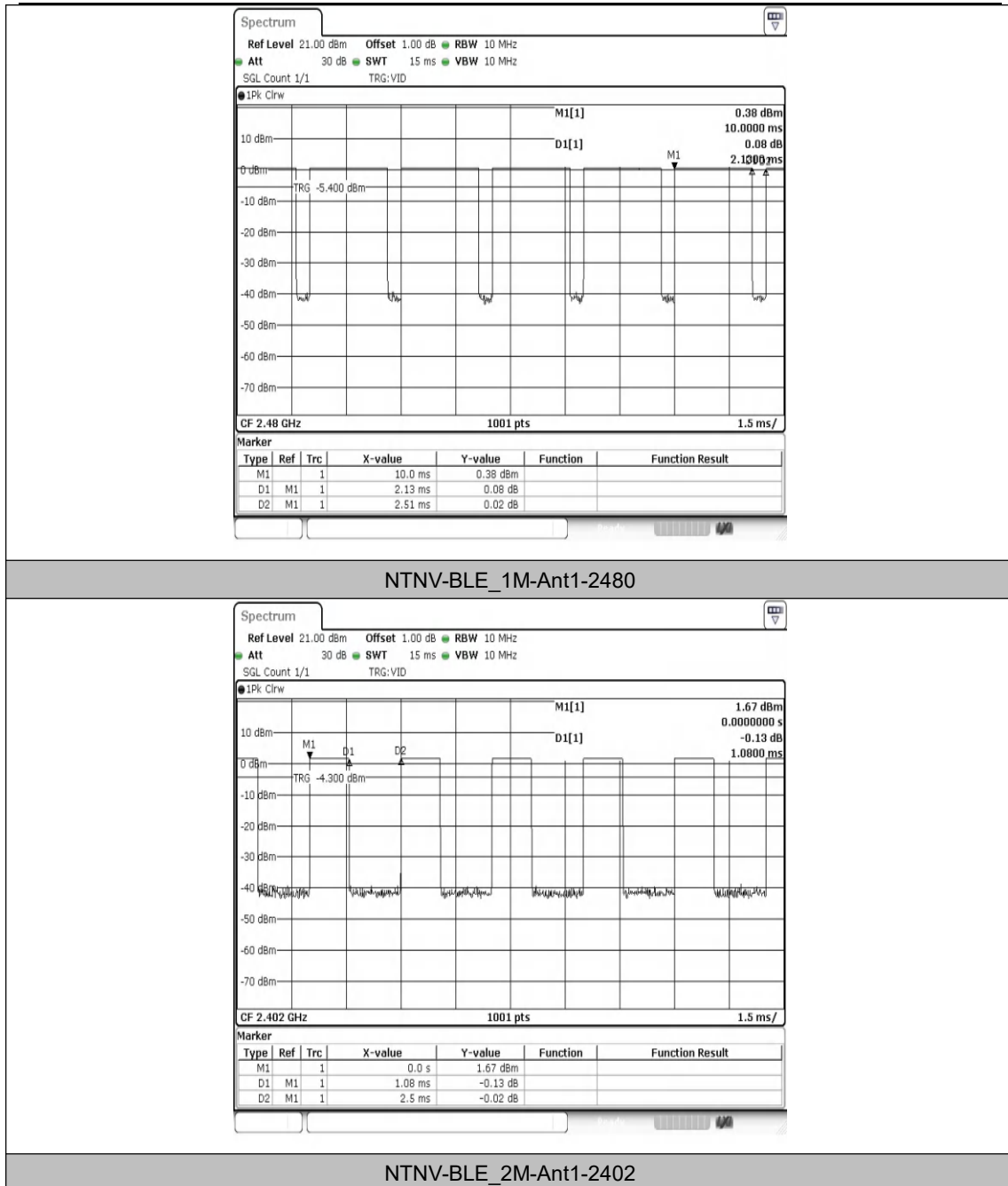
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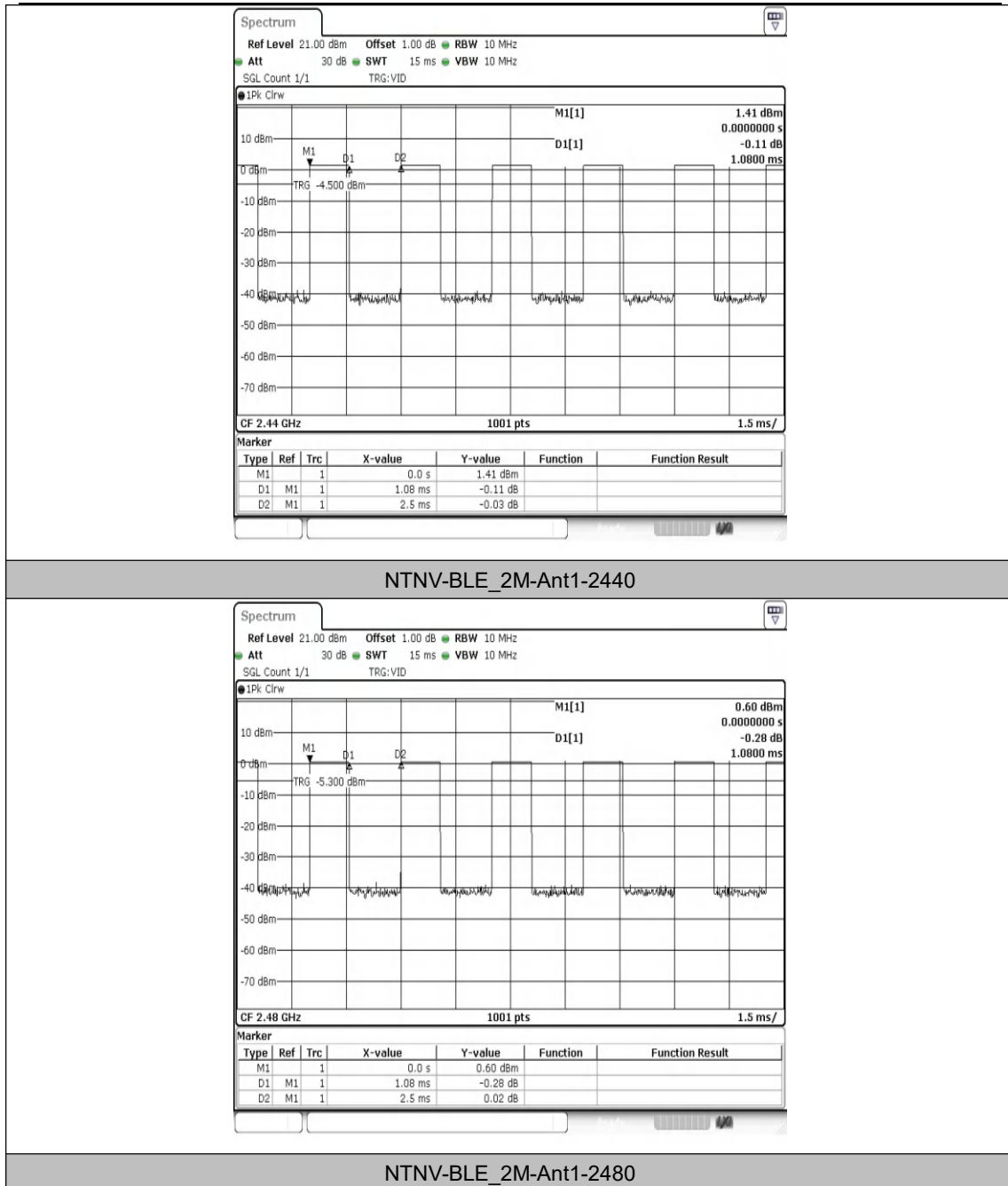


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Test Graphs







---End---