

Appendix Test Data

Report No.:	1812C60263812502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-21	Finish Test Date:	2026-5-26
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	60%
Pressure:	101kPa		

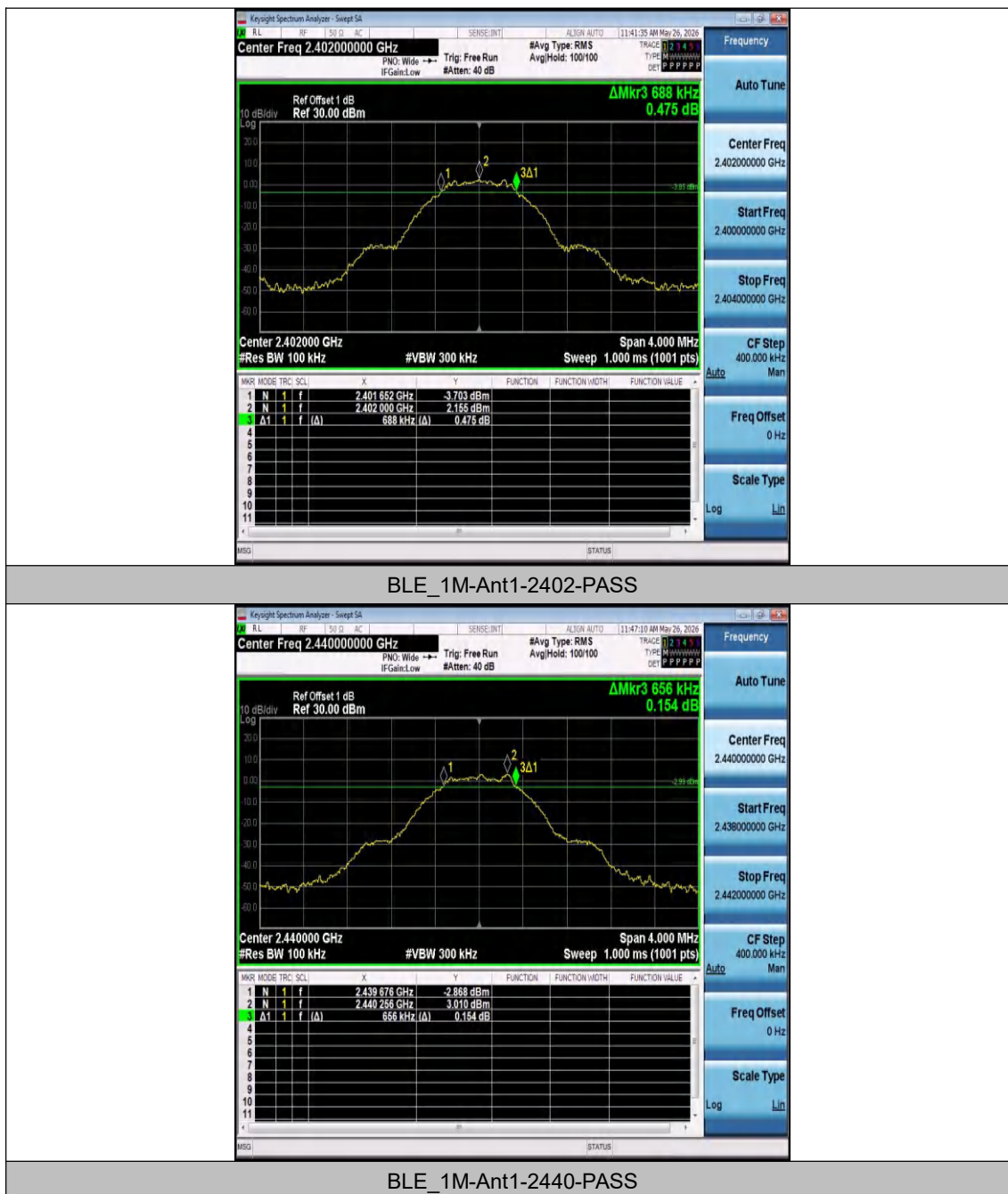


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.652	2402.340	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.676	2440.332	0.5	PASS
BLE_1M	Ant1	2480	0.736	2479.628	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.176	2401.356	2402.532	0.5	PASS
BLE_2M	Ant1	2440	1.176	2439.408	2440.584	0.5	PASS
BLE_2M	Ant1	2480	1.132	2479.444	2480.576	0.5	PASS

Test Graphs



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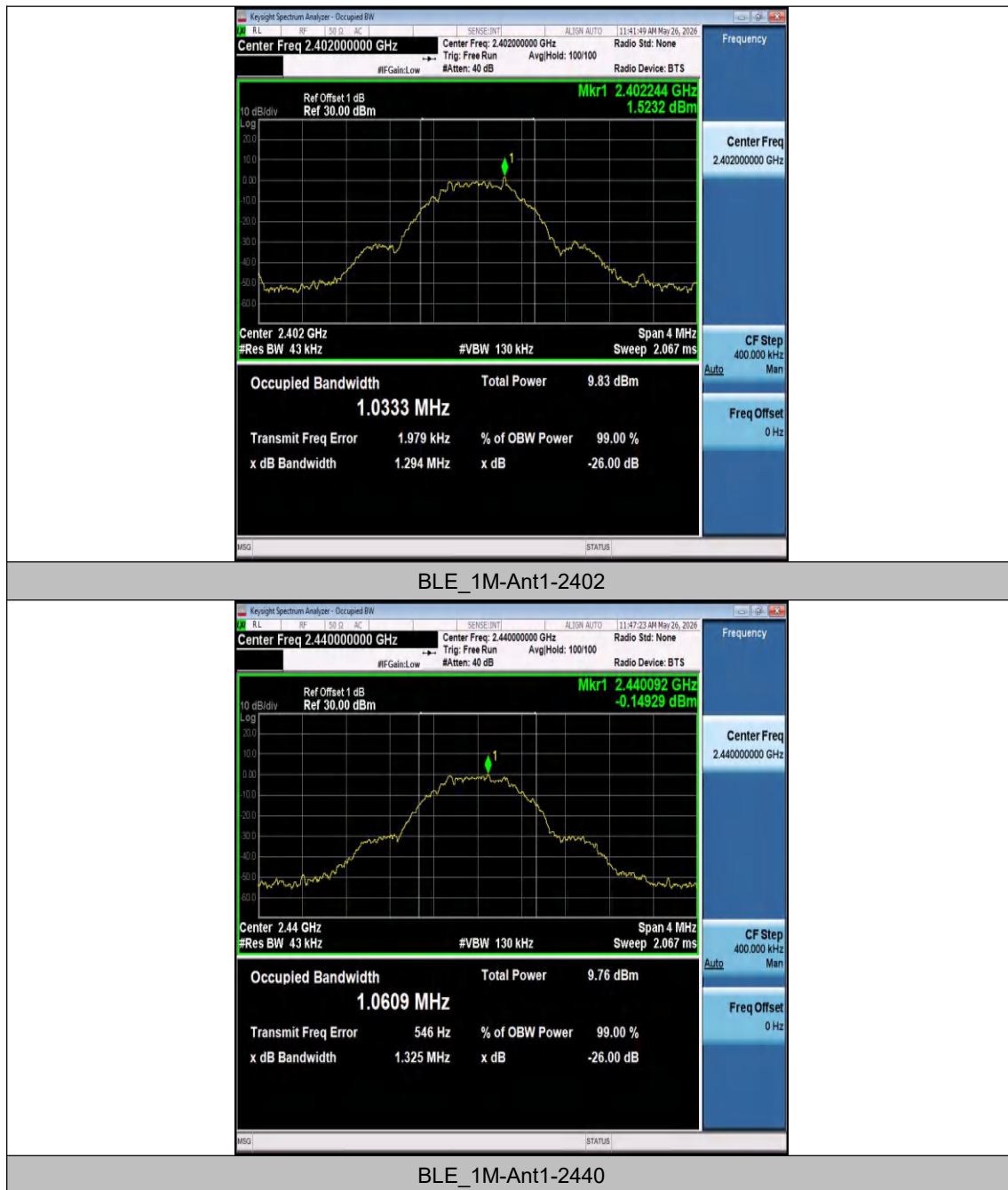
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0333	2401.4853	2402.5186	---	---
BLE_1M	Ant1	2440	1.0609	2439.4701	2440.5310	---	---
BLE_1M	Ant1	2480	1.0454	2479.4753	2480.5207	---	---
BLE_2M	Ant1	2402	2.0702	2400.9815	2403.0517	---	---
BLE_2M	Ant1	2440	2.0597	2438.9906	2441.0503	---	---
BLE_2M	Ant1	2480	2.0684	2478.9692	2481.0376	---	---

Test Graphs



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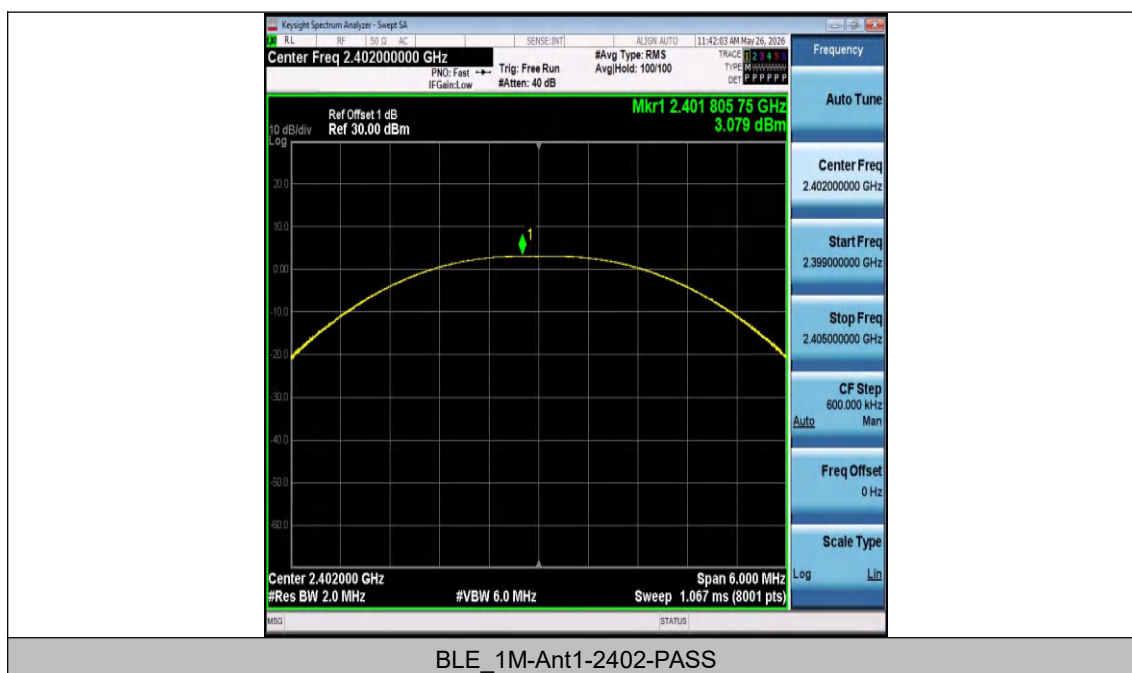
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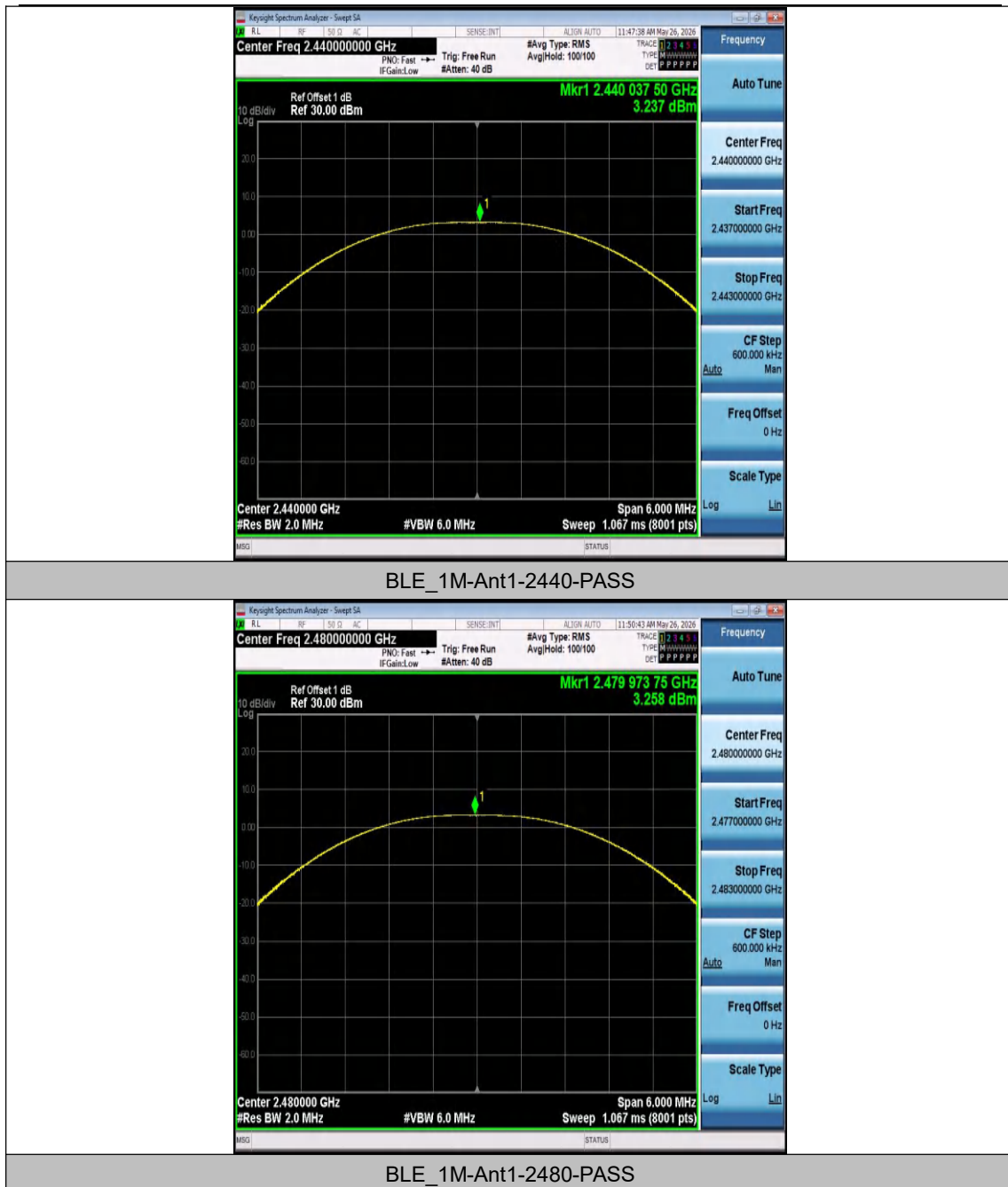
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.08	≤30	PASS
BLE_1M	Ant1	2440	3.24	≤30	PASS
BLE_1M	Ant1	2480	3.26	≤30	PASS
BLE_2M	Ant1	2402	2.96	≤30	PASS
BLE_2M	Ant1	2440	3.35	≤30	PASS
BLE_2M	Ant1	2480	3.45	≤30	PASS

Test Graphs Peak

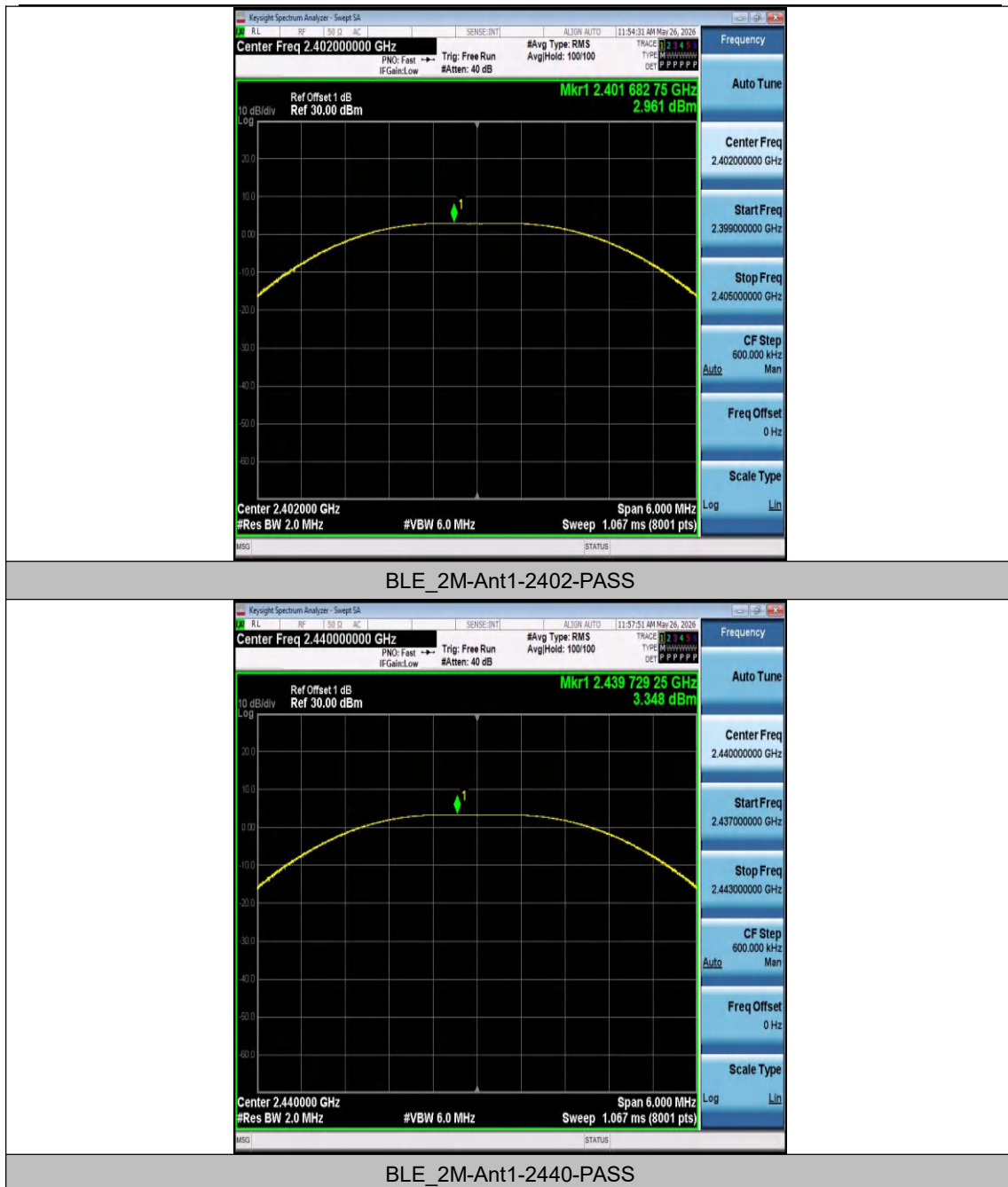




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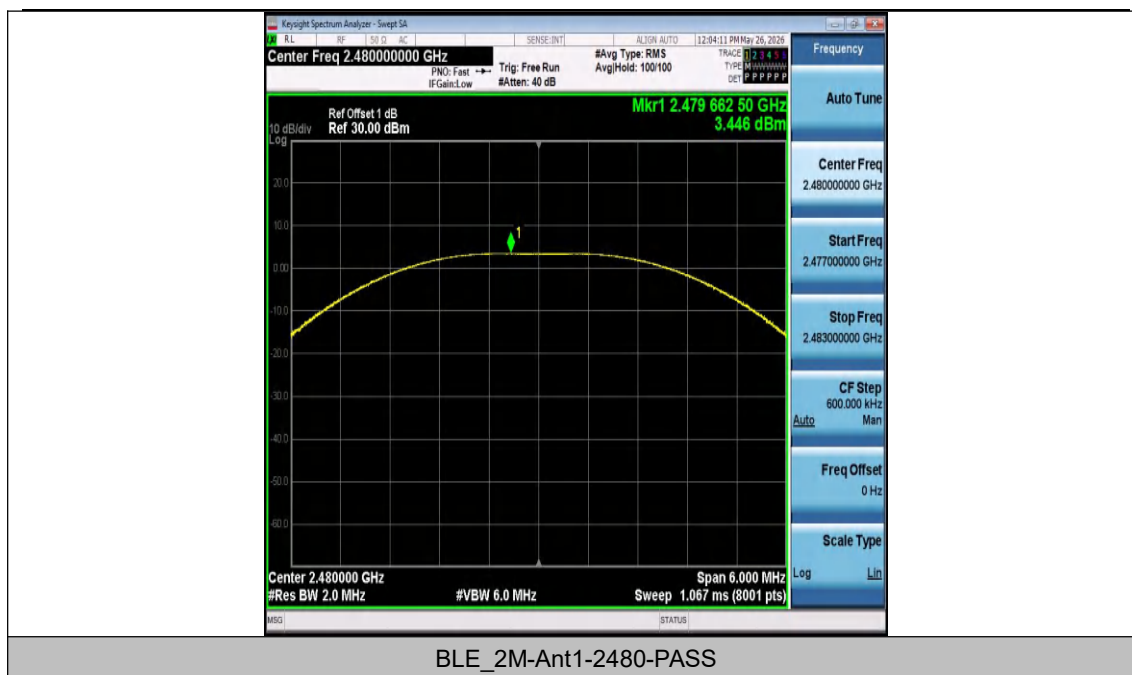
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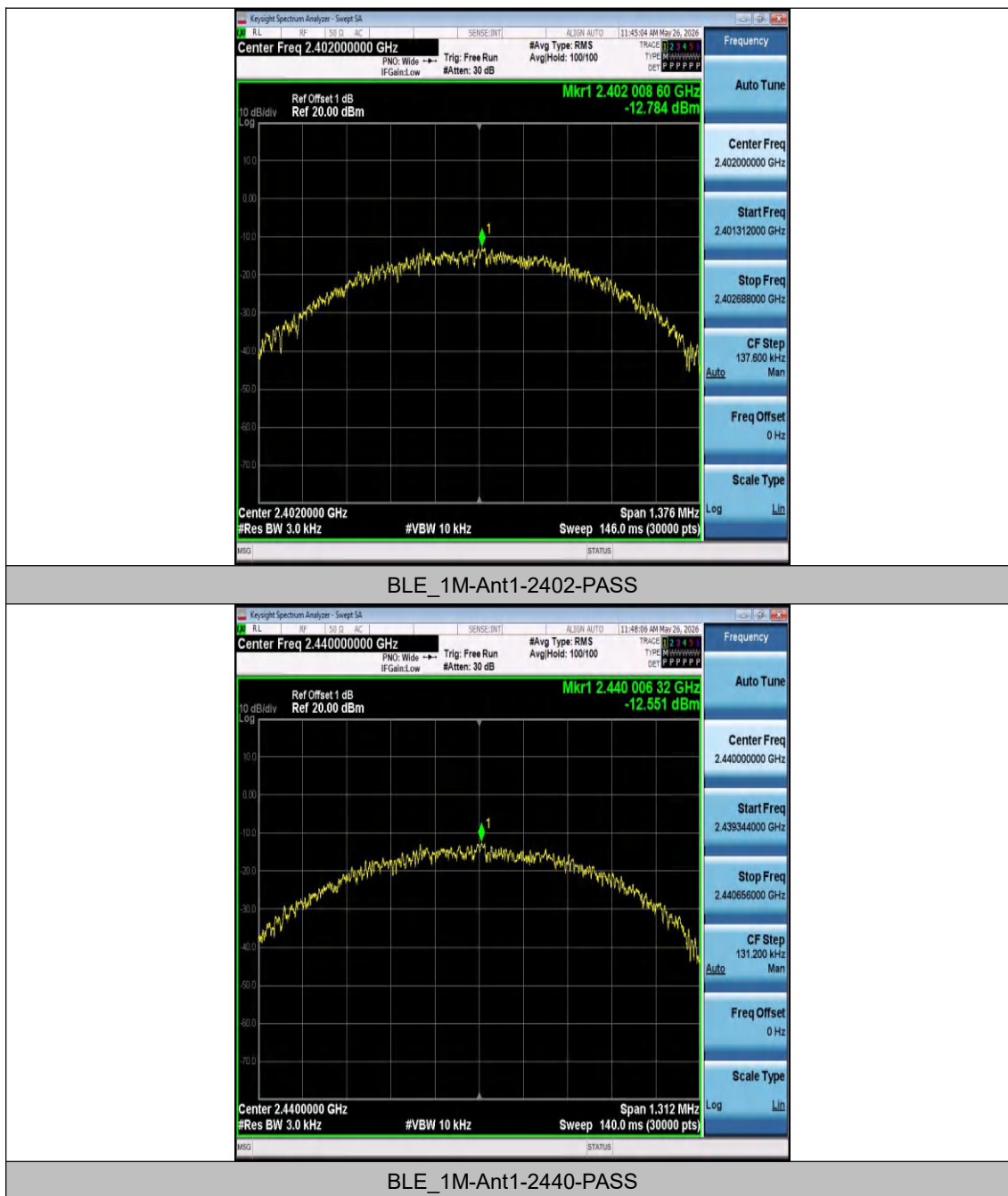
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.78	≤8.00	PASS
BLE_1M	Ant1	2440	-12.55	≤8.00	PASS
BLE_1M	Ant1	2480	-13.07	≤8.00	PASS
BLE_2M	Ant1	2402	-14.90	≤8.00	PASS
BLE_2M	Ant1	2440	-14.65	≤8.00	PASS
BLE_2M	Ant1	2480	-14.53	≤8.00	PASS

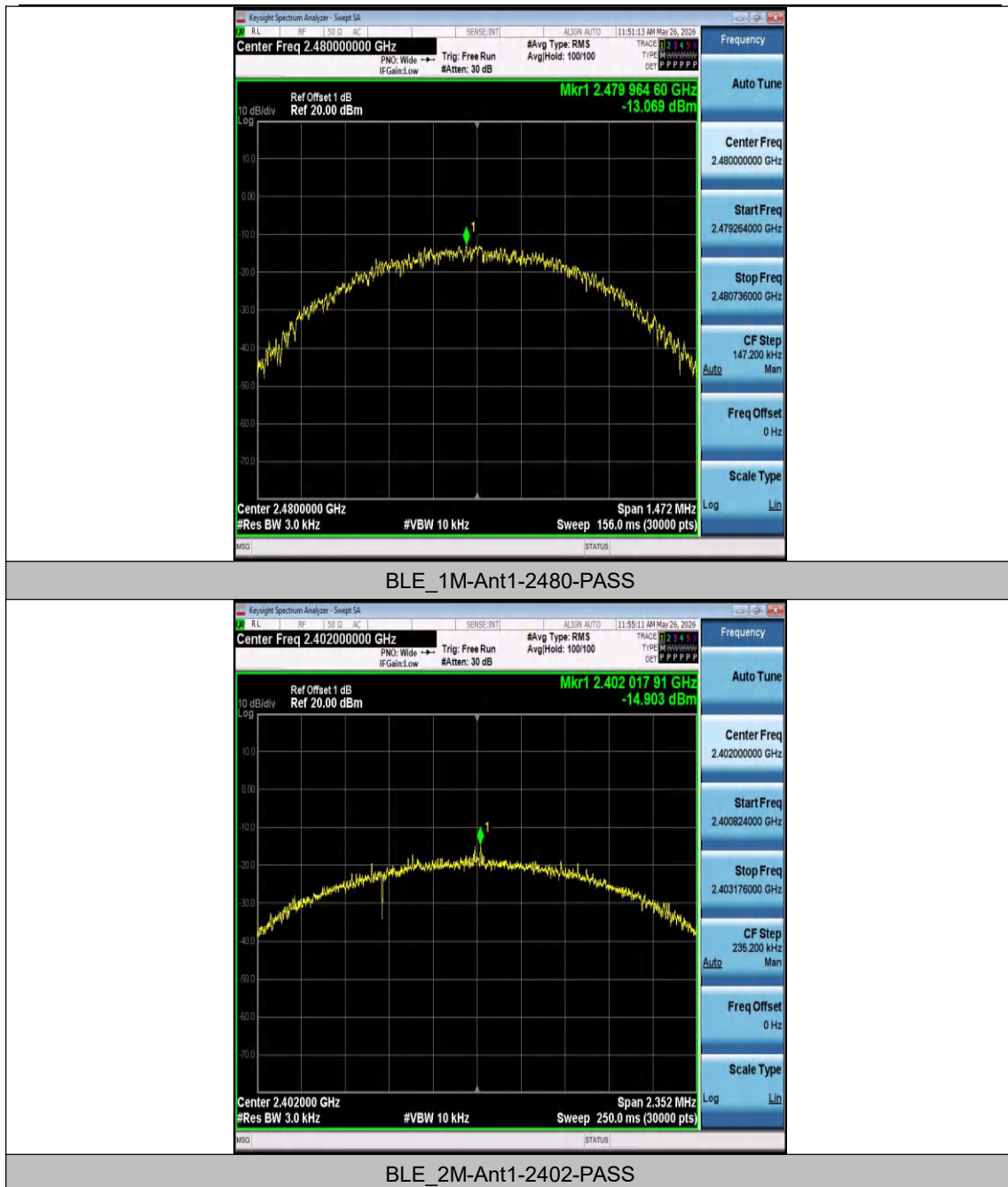
Test Graphs



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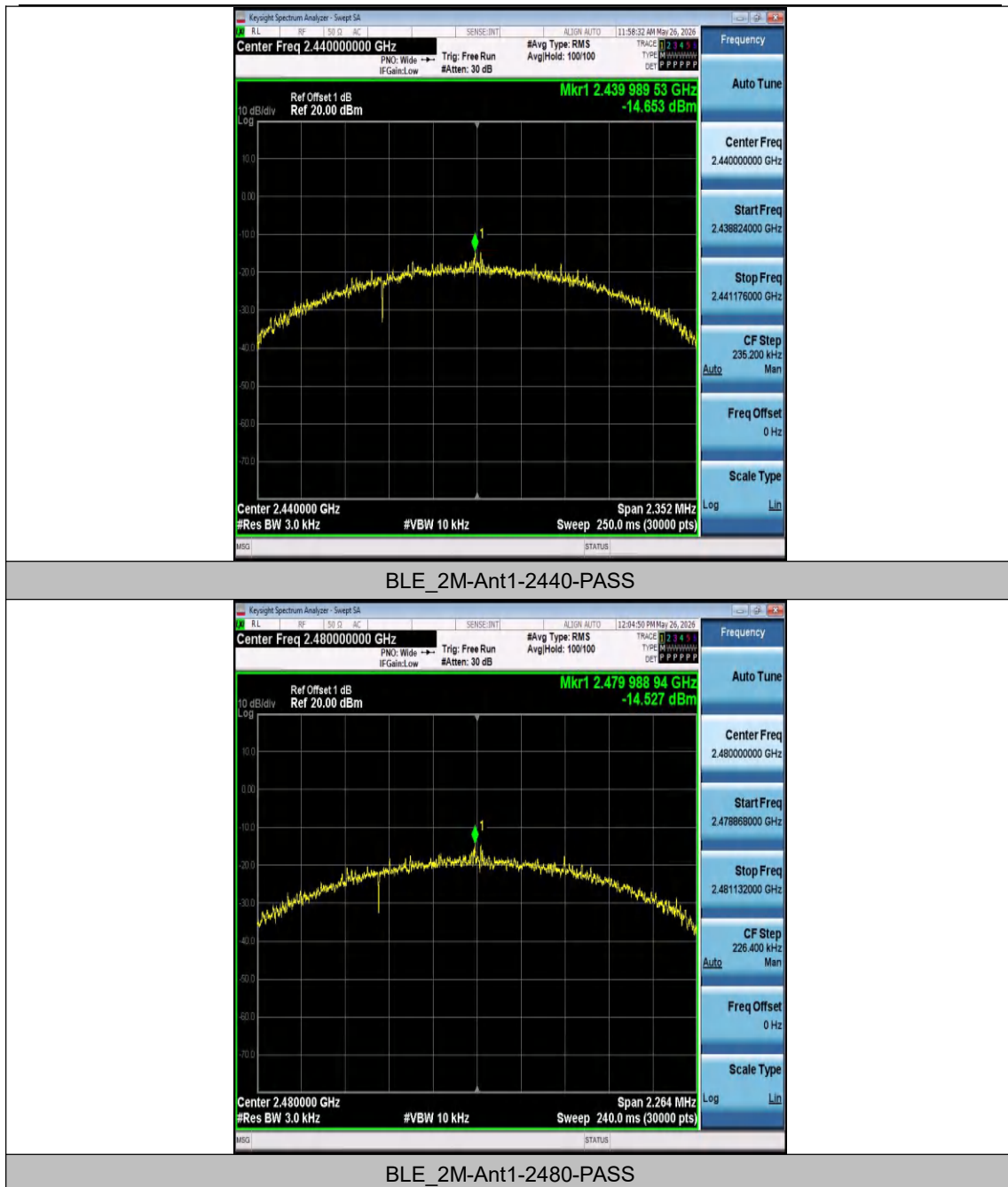
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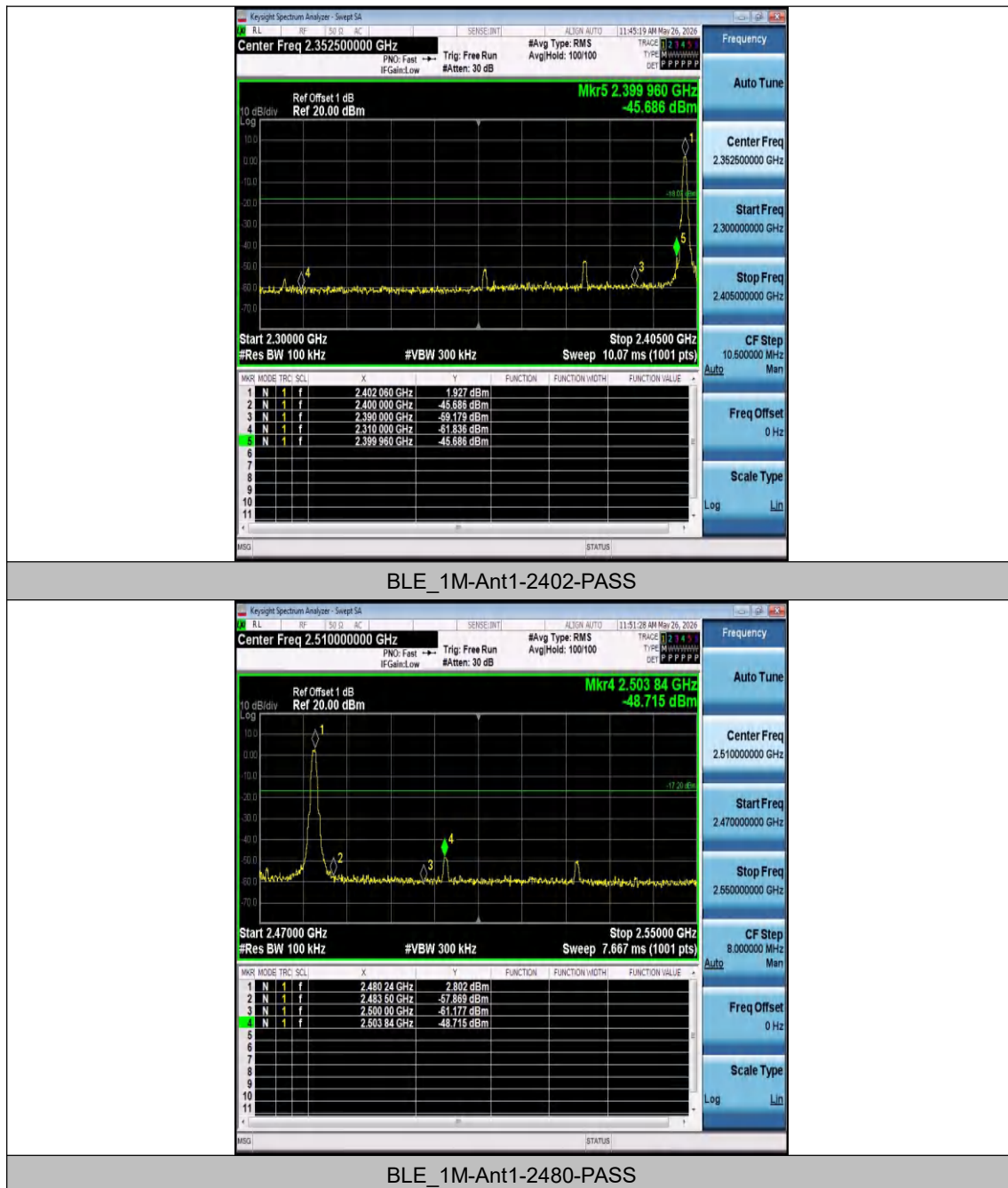
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.93	-45.69	≤-18.07	PASS
BLE_1M	Ant1	High	2480	2.80	-48.72	≤-17.2	PASS
BLE_2M	Ant1	Low	2402	1.39	-30.84	≤-18.61	PASS
BLE_2M	Ant1	High	2480	2.27	-48.84	≤-17.73	PASS

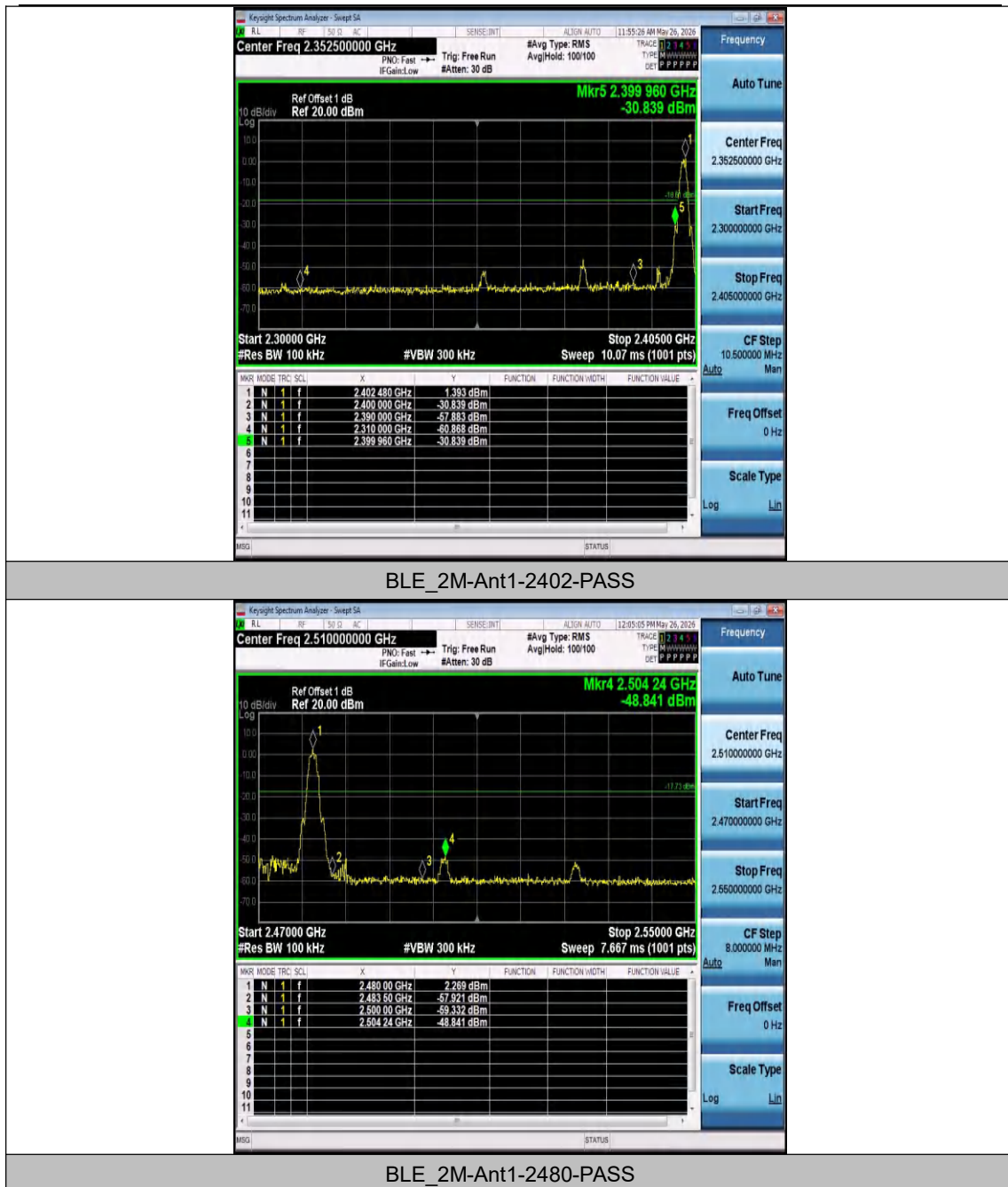
Test Graphs



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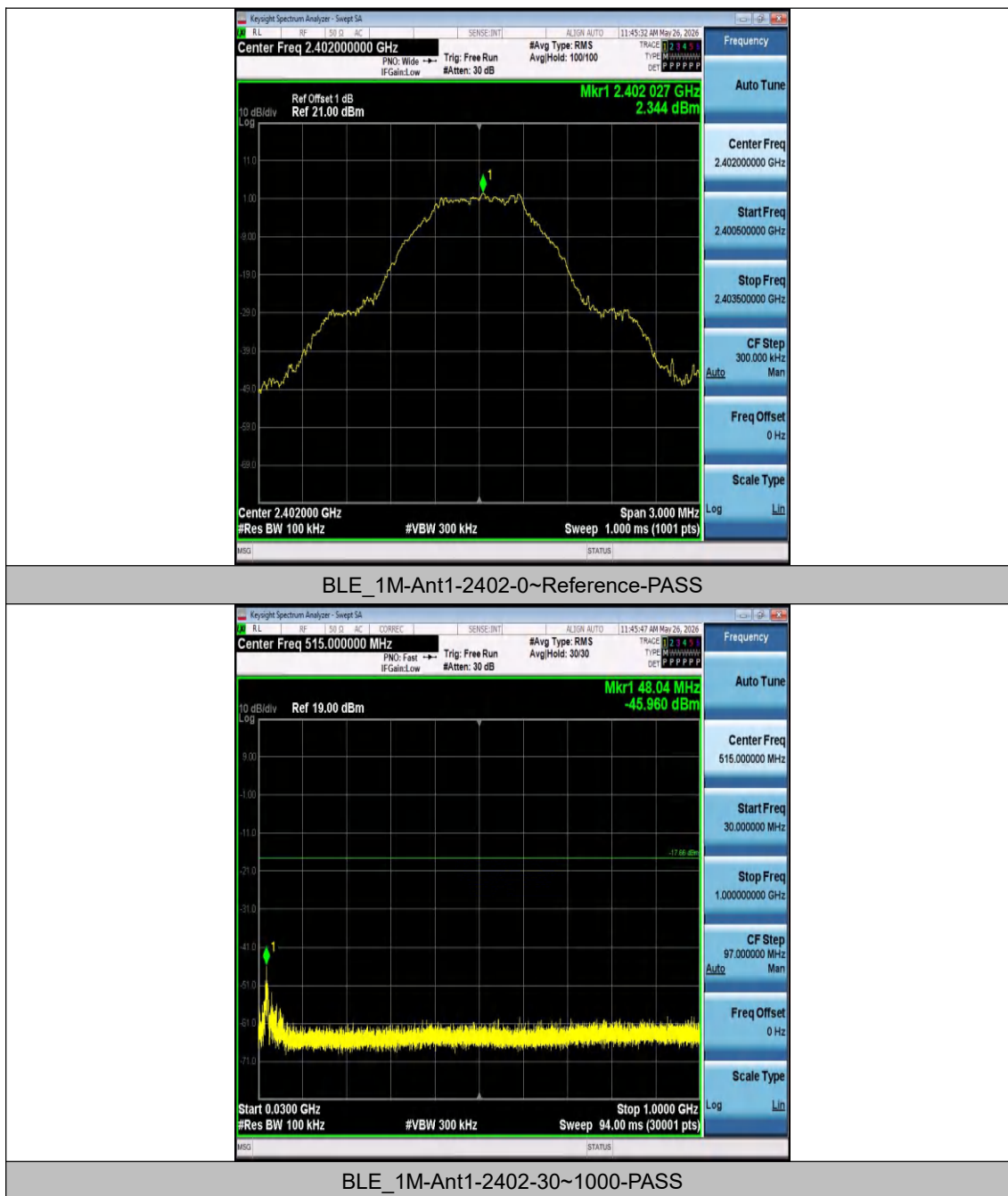
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.34	2.34	---	PASS
BLE_1M	Ant1	2402	30~1000	2.34	-45.96	≤-17.66	PASS
BLE_1M	Ant1	2402	1000~26500	2.34	-44.33	≤-17.66	PASS
BLE_1M	Ant1	2440	0~Reference	2.07	2.07	---	PASS
BLE_1M	Ant1	2440	30~1000	2.07	-46.23	≤-17.93	PASS
BLE_1M	Ant1	2440	1000~26500	2.07	-44.37	≤-17.93	PASS
BLE_1M	Ant1	2480	0~Reference	2.68	2.68	---	PASS
BLE_1M	Ant1	2480	30~1000	2.68	-44.81	≤-17.32	PASS
BLE_1M	Ant1	2480	1000~26500	2.68	-43.98	≤-17.32	PASS
BLE_2M	Ant1	2402	0~Reference	1.41	1.41	---	PASS
BLE_2M	Ant1	2402	30~1000	1.41	-45.04	≤-18.59	PASS
BLE_2M	Ant1	2402	1000~26500	1.41	-44.01	≤-18.59	PASS
BLE_2M	Ant1	2440	0~Reference	2.72	2.72	---	PASS
BLE_2M	Ant1	2440	30~1000	2.72	-45.71	≤-17.28	PASS
BLE_2M	Ant1	2440	1000~26500	2.72	-46.04	≤-17.28	PASS
BLE_2M	Ant1	2480	0~Reference	2.08	2.08	---	PASS
BLE_2M	Ant1	2480	30~1000	2.08	-45.31	≤-17.92	PASS
BLE_2M	Ant1	2480	1000~26500	2.08	-45.48	≤-17.92	PASS

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

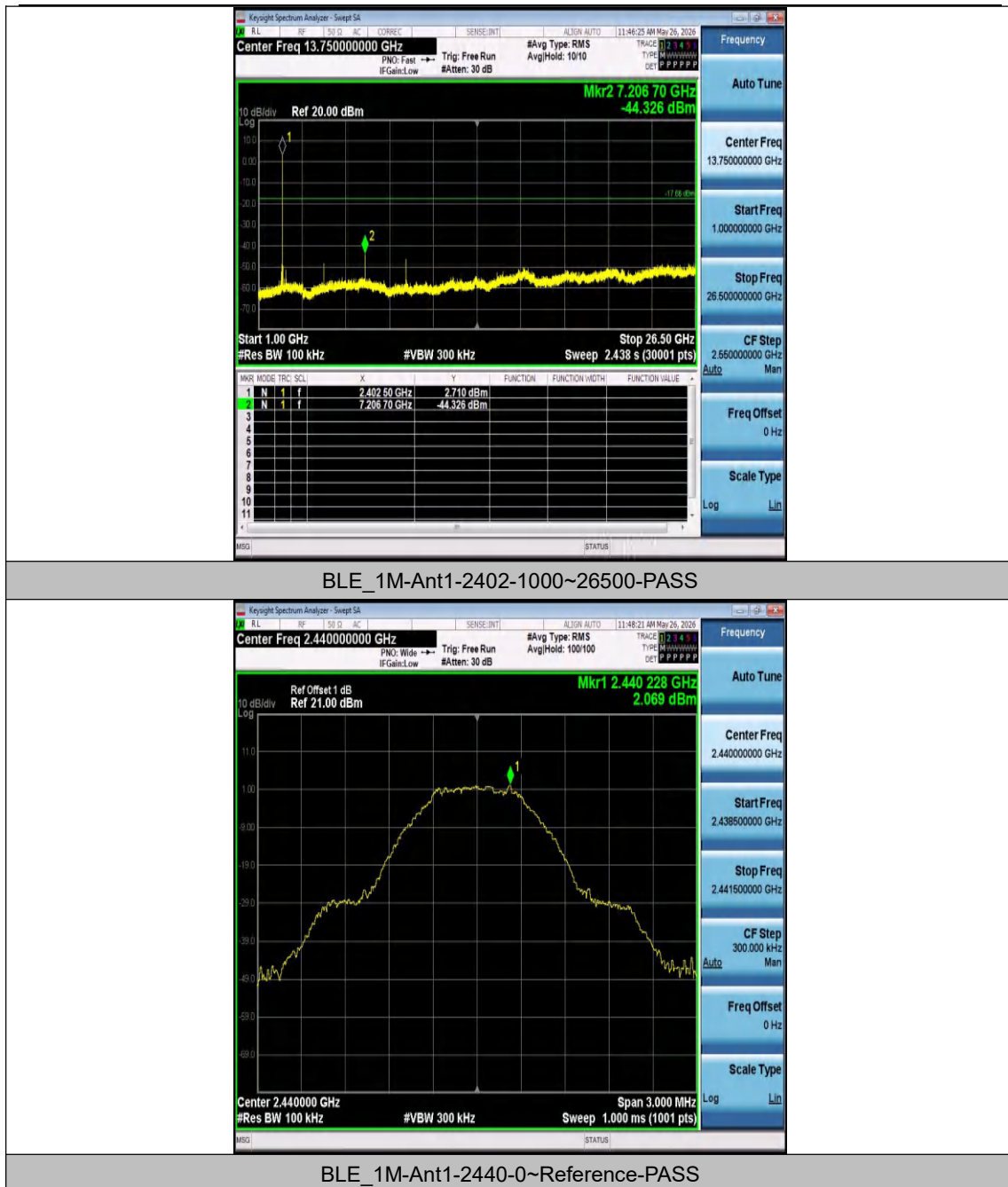
Test Graphs



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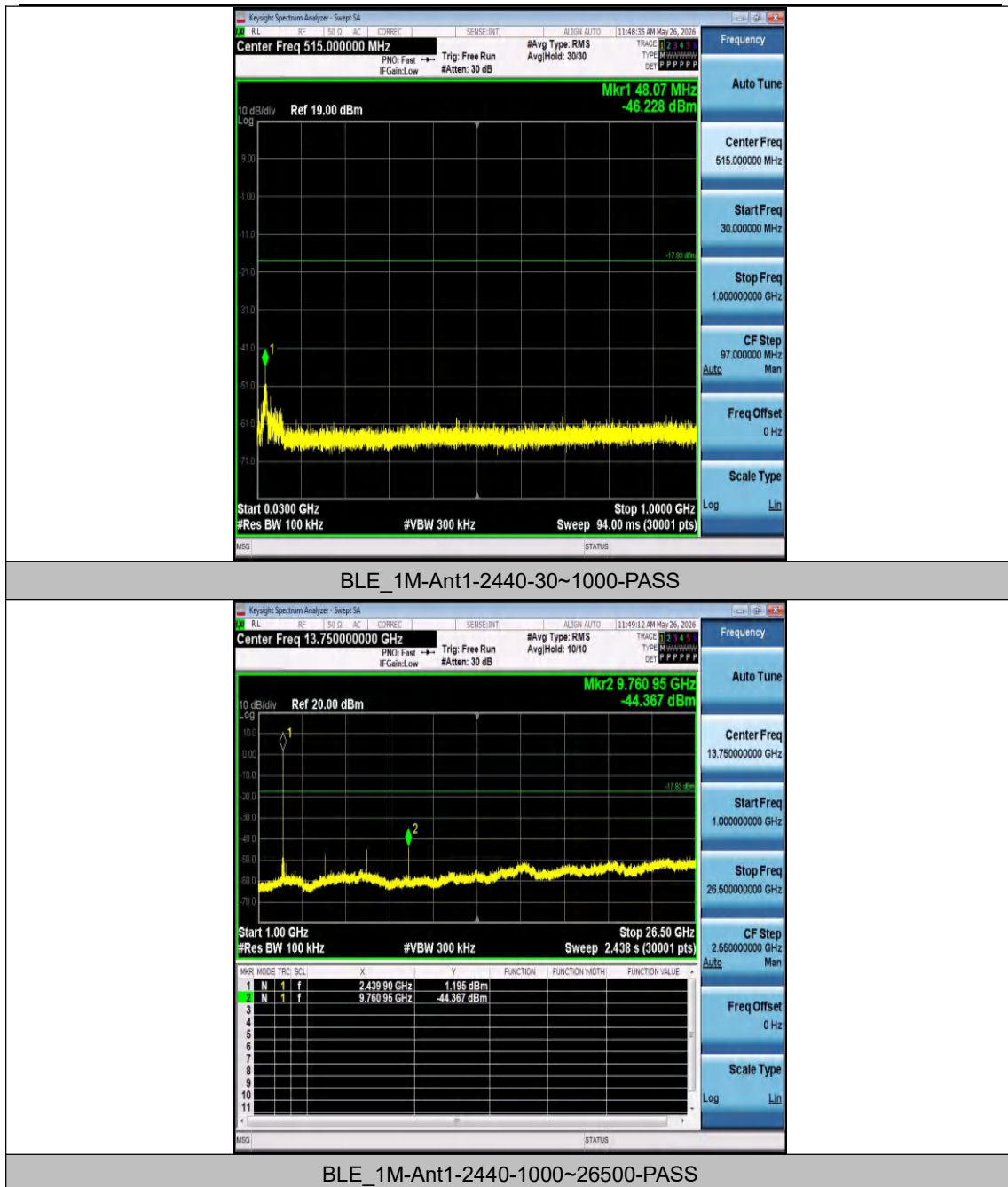
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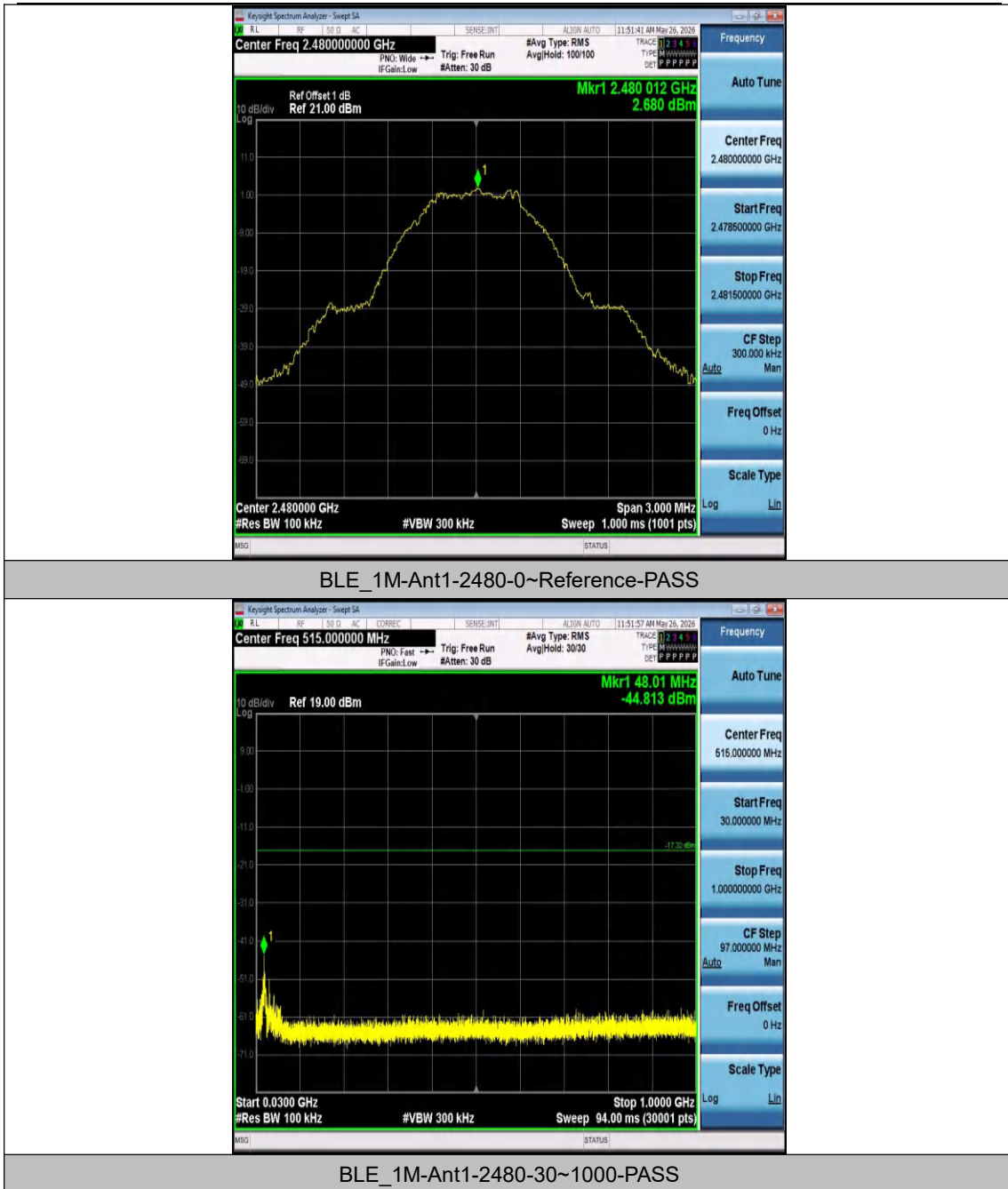
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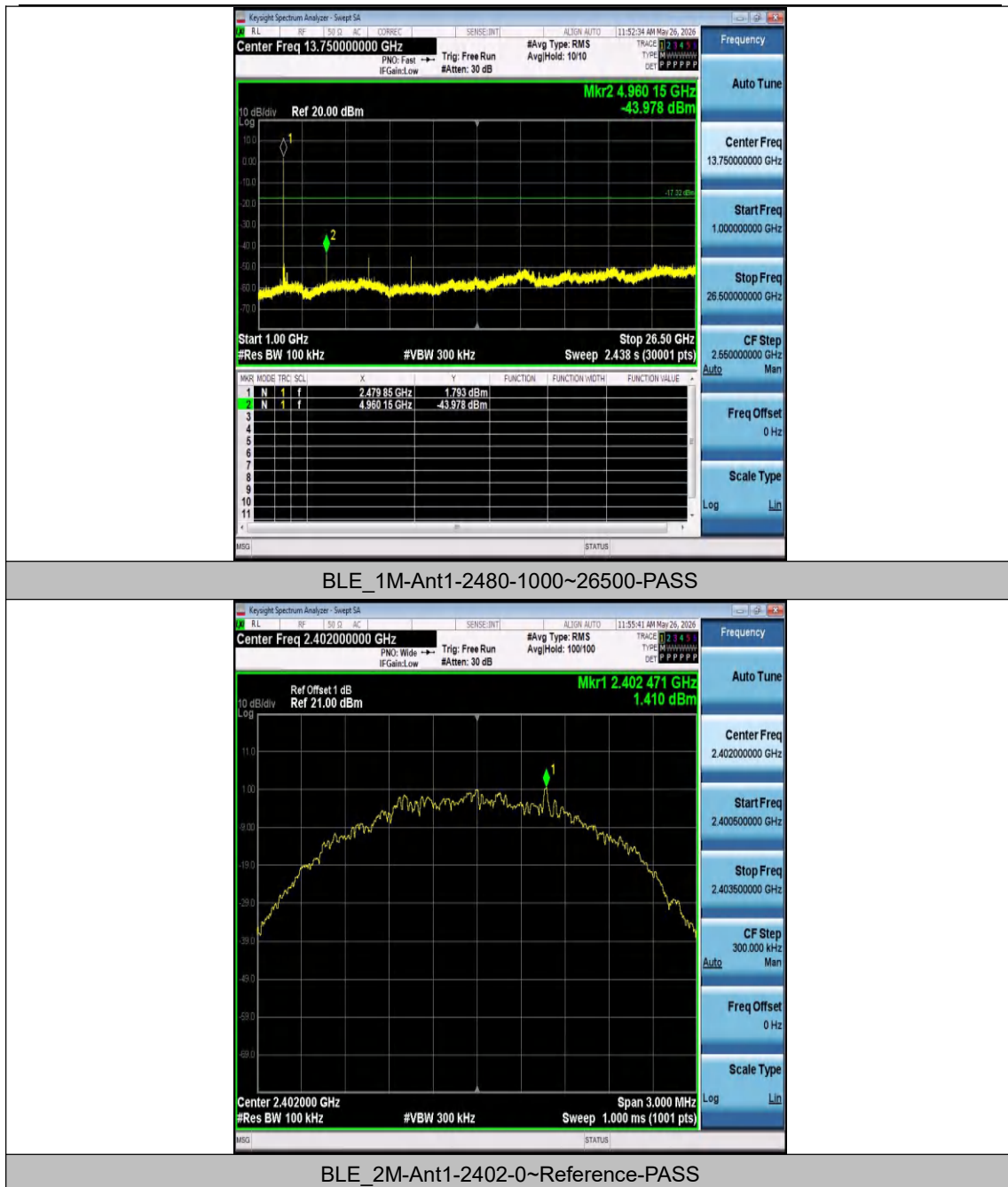
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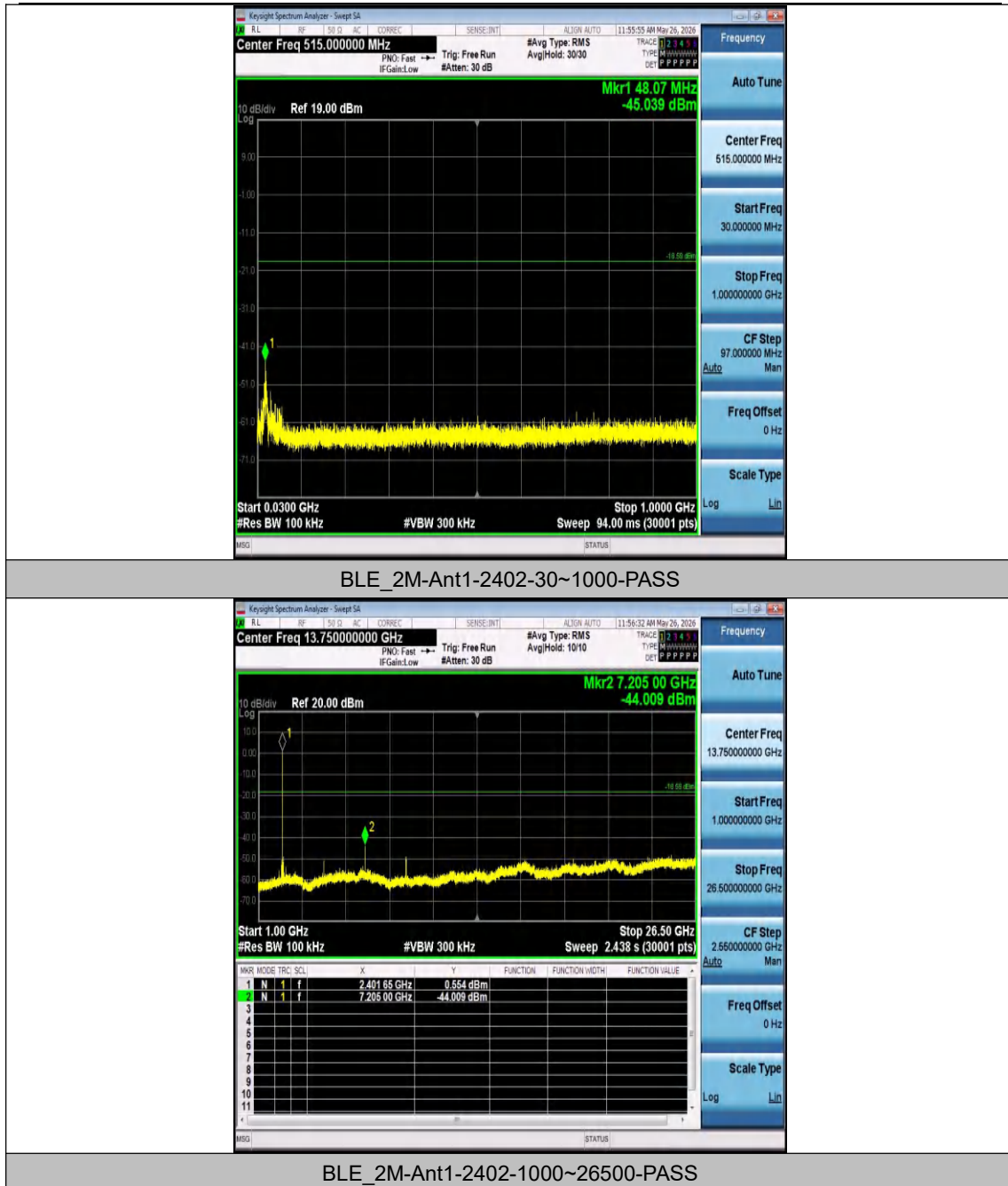
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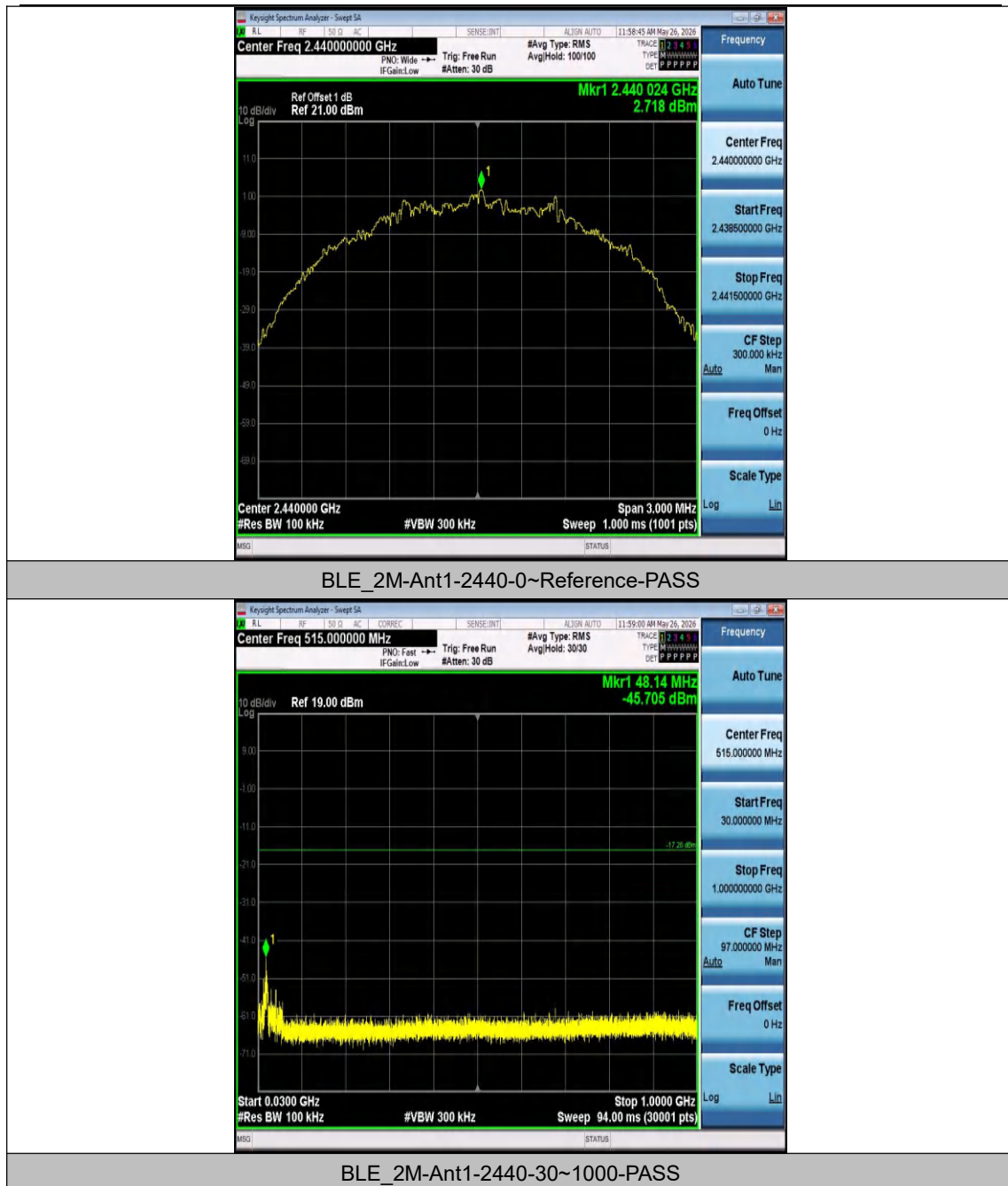
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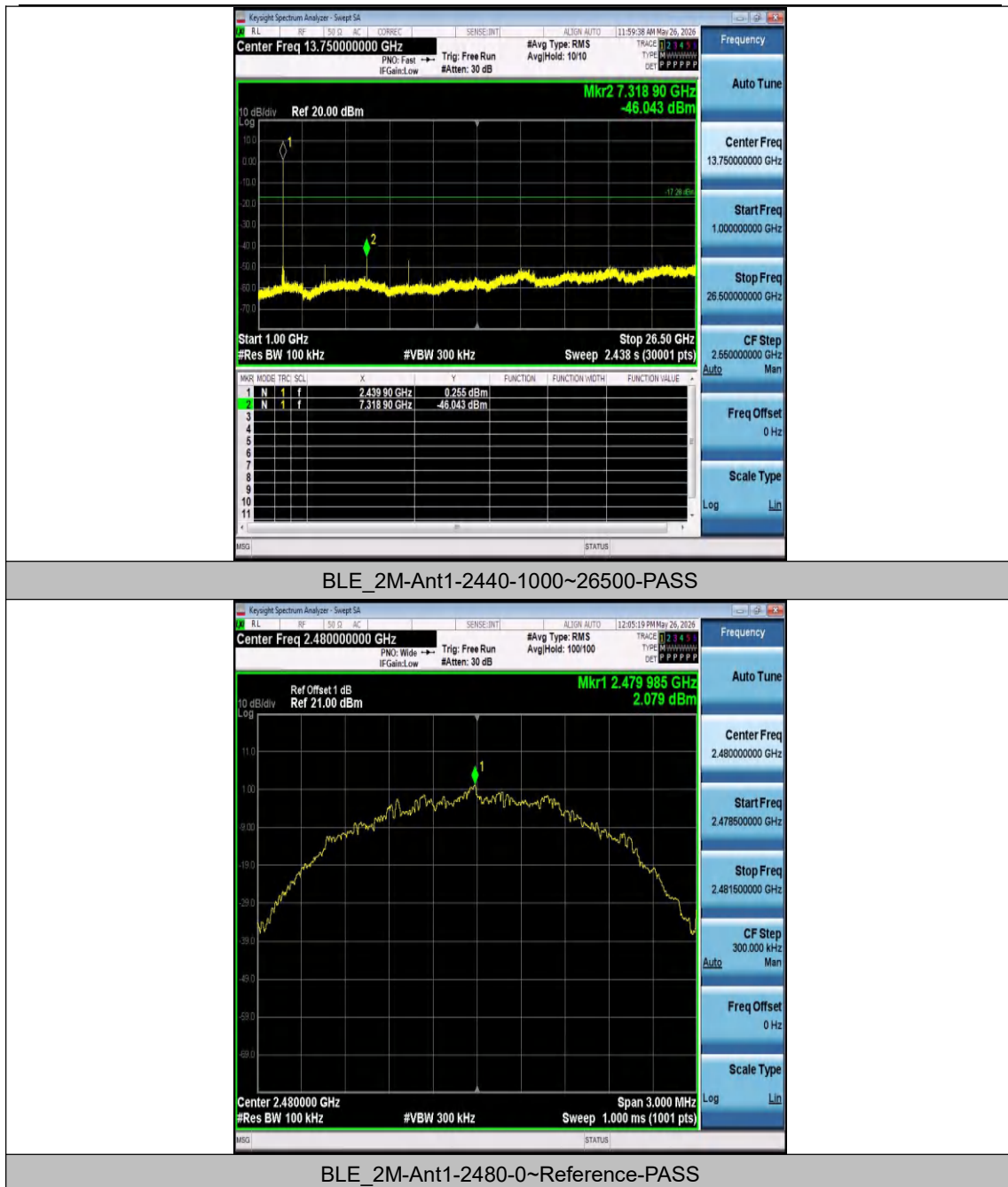
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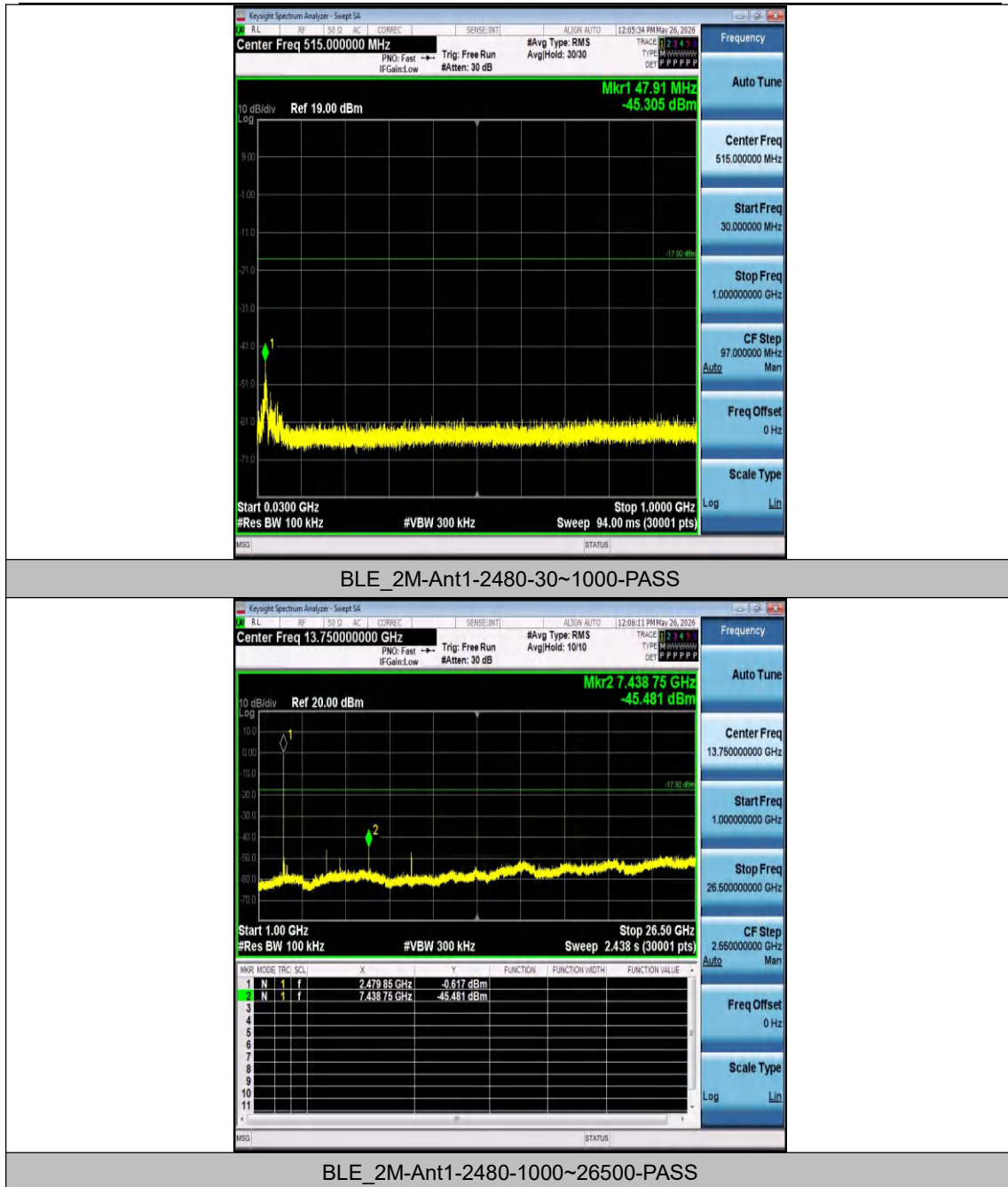
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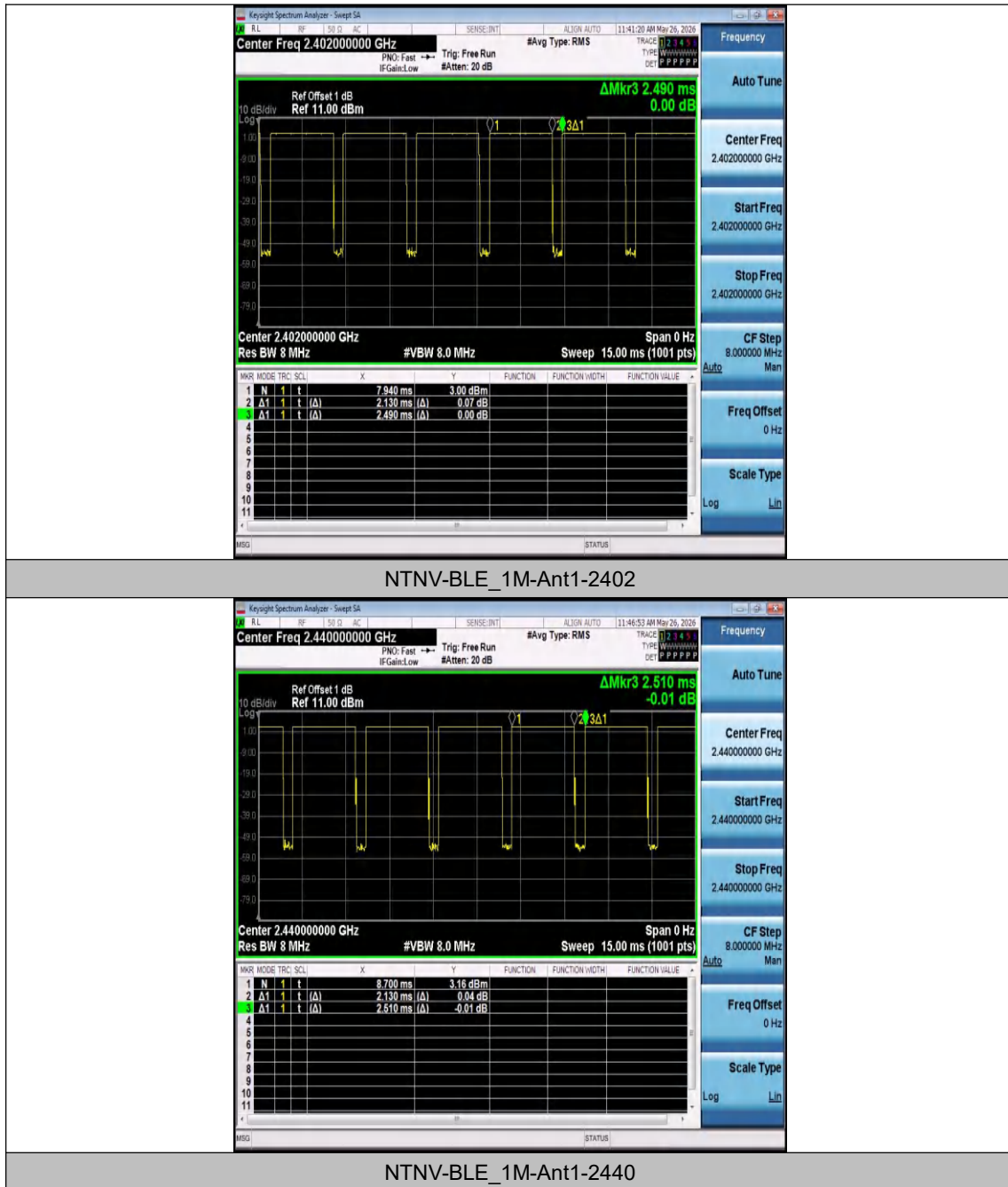
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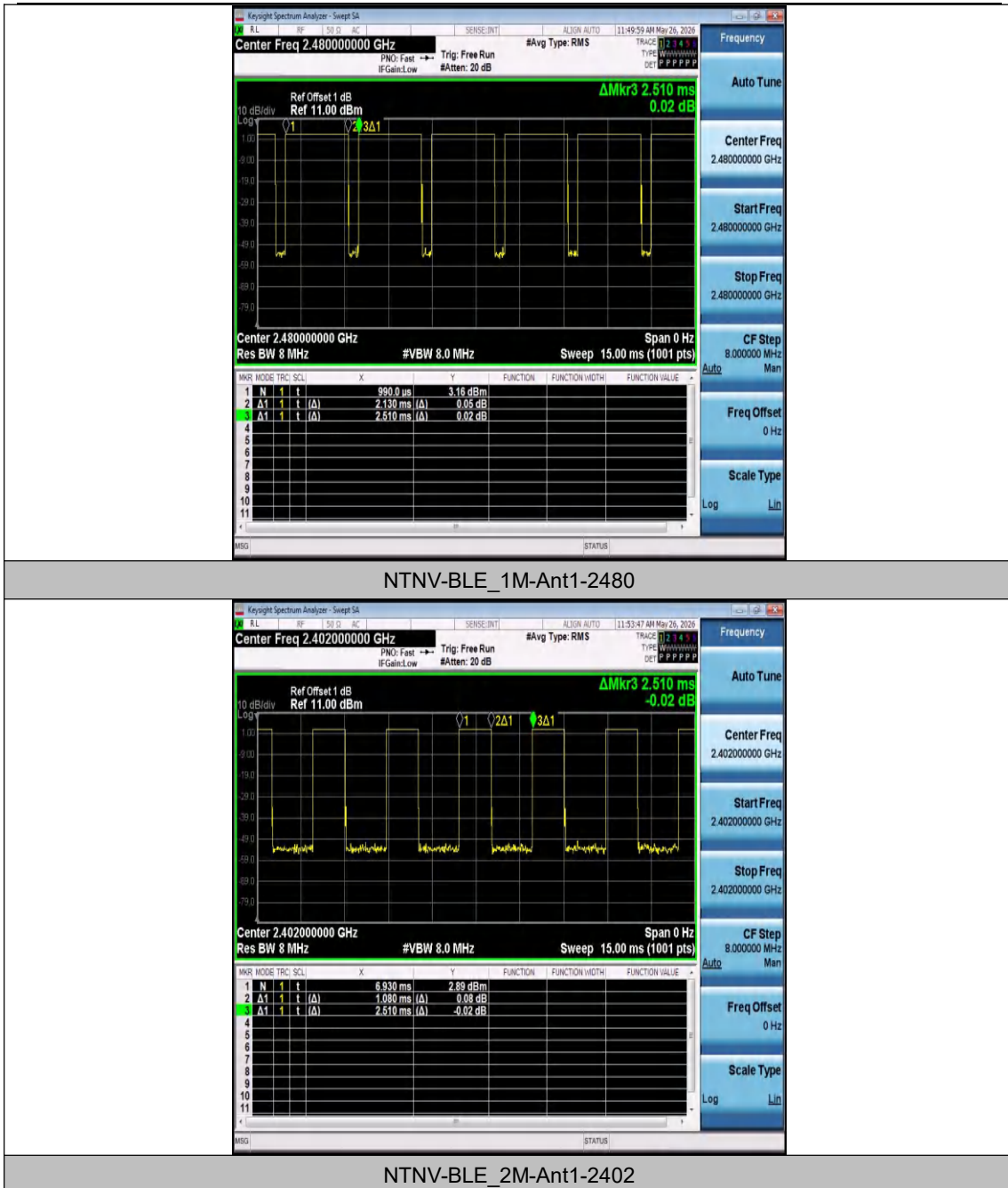
Appendix G: Duty Cycle

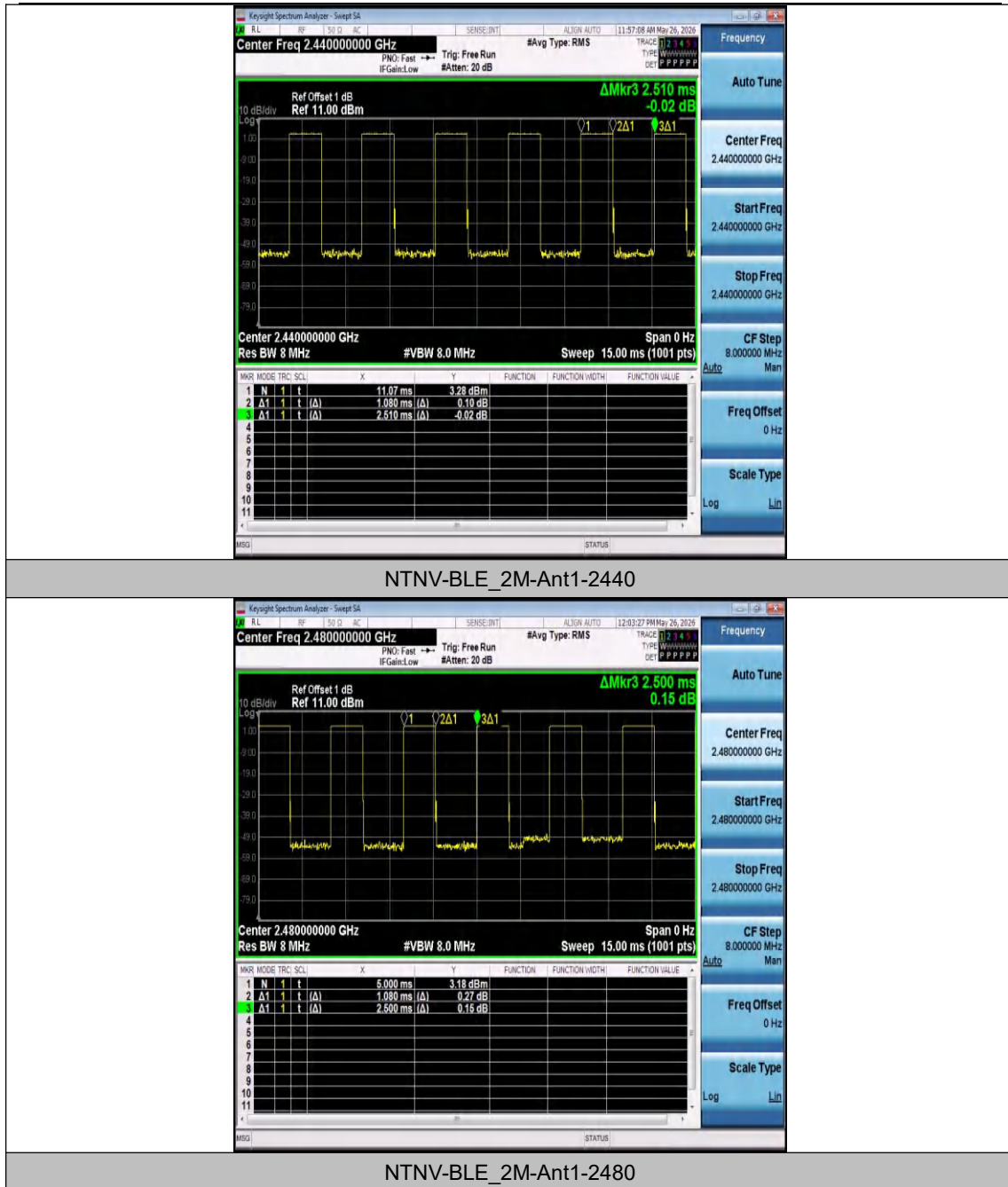
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.49	85.54	0.68
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	2.51	43.03	3.66
BLE_2M	Ant1	2440	1.08	2.51	43.03	3.66
BLE_2M	Ant1	2480	1.08	2.50	43.20	3.65

Test Graphs







---End---