

Appendix Test Data

Report No.:	1819C60034512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-9	Finish Test Date:	2026-4-15
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.1℃	Relative Humidity:	58%
Pressure:	101kPa		

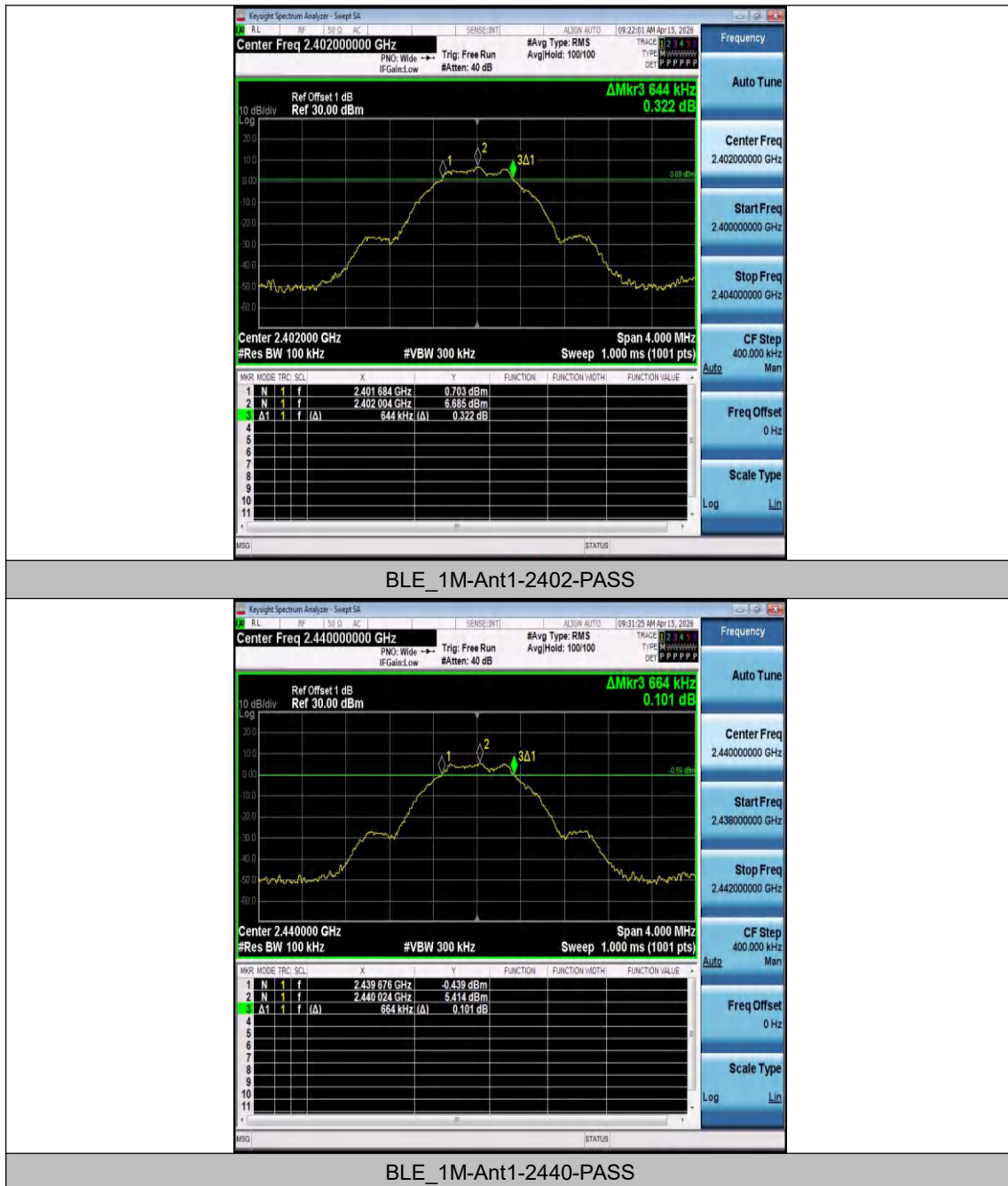


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.684	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.664	2439.676	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.648	2479.680	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.236	2401.360	2402.596	0.5	PASS
BLE_2M	Ant1	2440	1.140	2439.448	2440.588	0.5	PASS
BLE_2M	Ant1	2480	1.240	2479.360	2480.600	0.5	PASS

Test Graphs





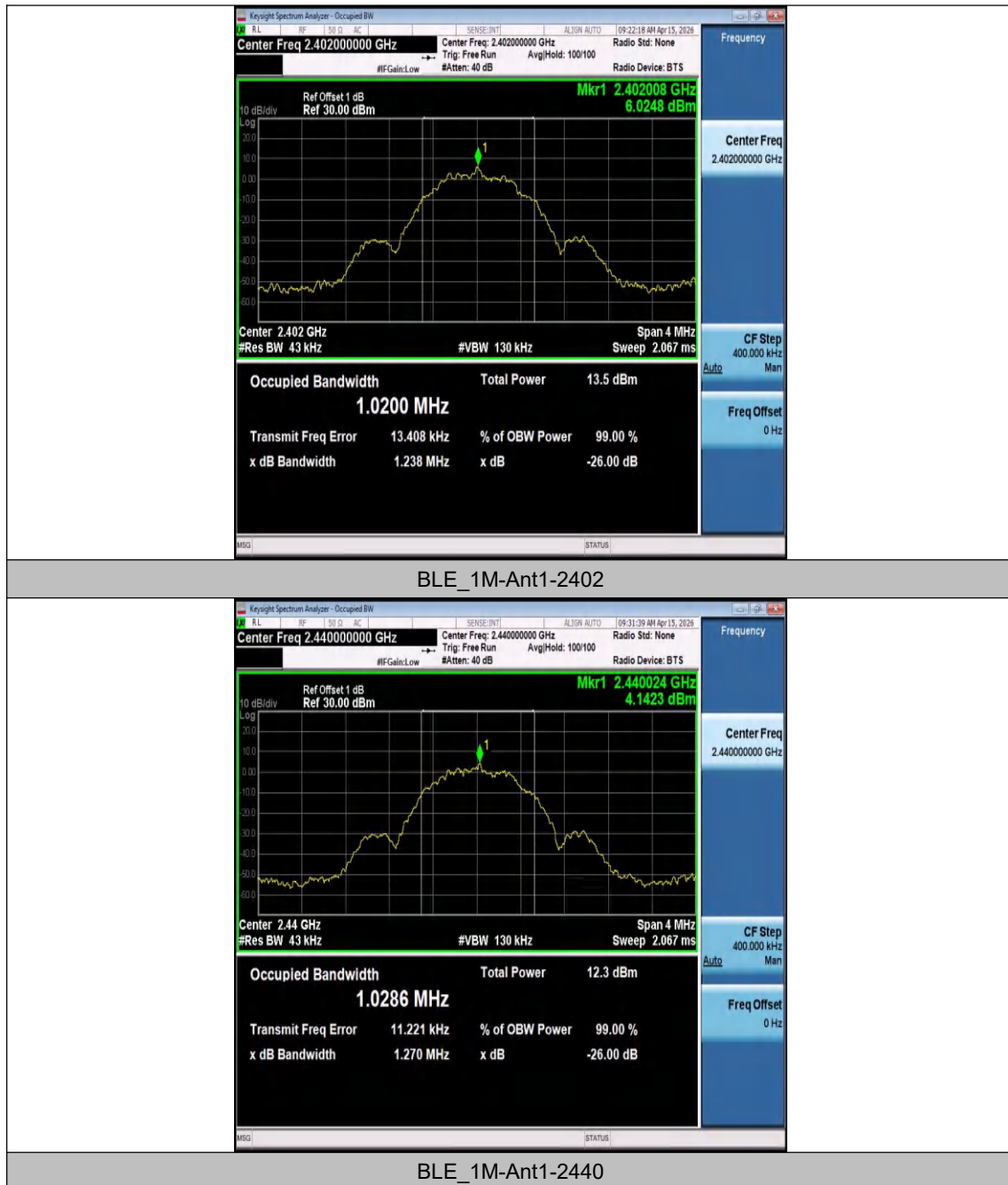


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0200	2401.5034	2402.5234	---	---
BLE_1M	Ant1	2440	1.0286	2439.4969	2440.5255	---	---
BLE_1M	Ant1	2480	1.0233	2479.5012	2480.5245	---	---
BLE_2M	Ant1	2402	2.0607	2400.9922	2403.0529	---	---
BLE_2M	Ant1	2440	2.0624	2438.9926	2441.0550	---	---
BLE_2M	Ant1	2480	2.0631	2478.9949	2481.0580	---	---

Test Graphs



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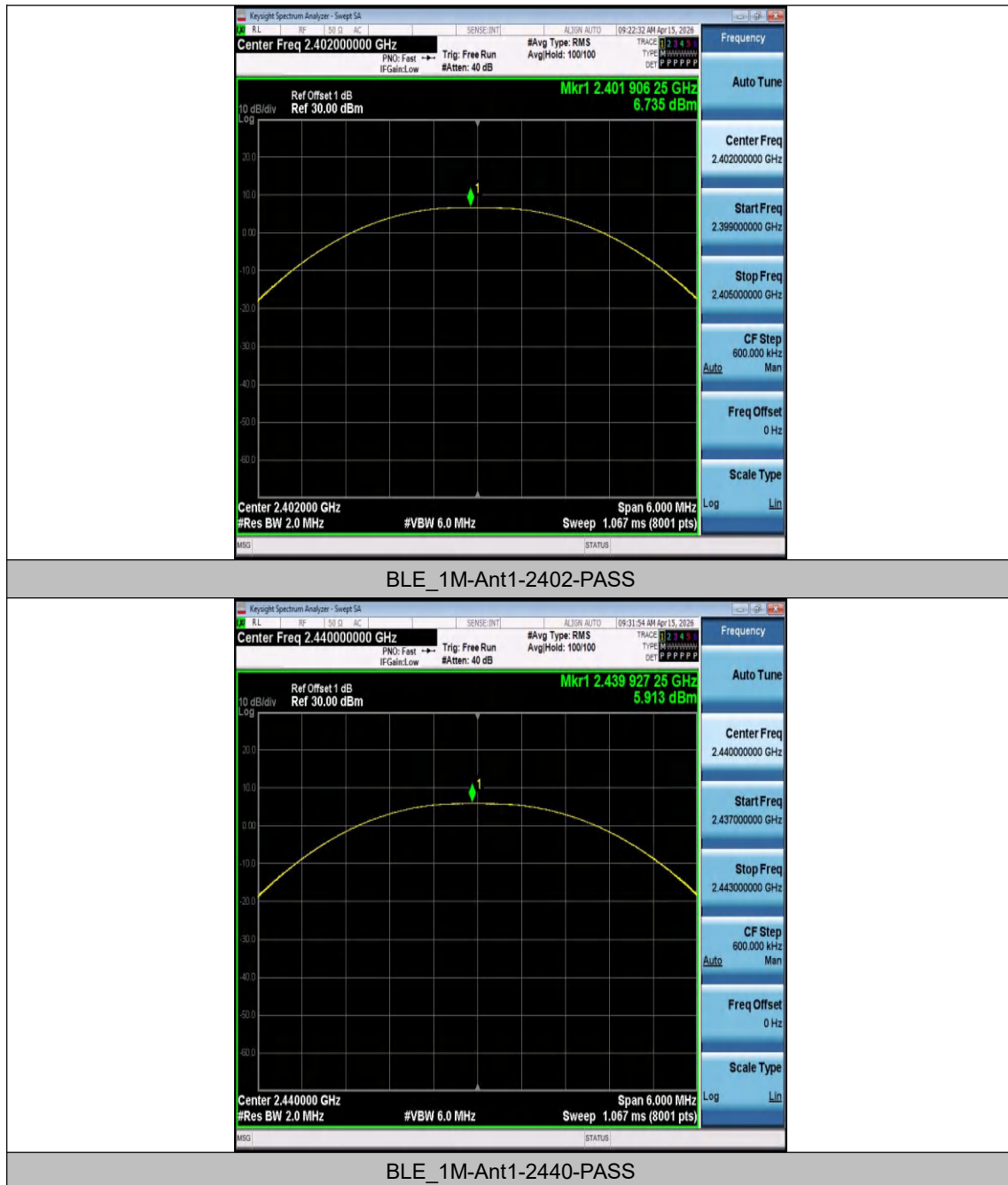
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.74	≤30	PASS
BLE_1M	Ant1	2440	5.91	≤30	PASS
BLE_1M	Ant1	2480	5.87	≤30	PASS
BLE_2M	Ant1	2402	6.72	≤30	PASS
BLE_2M	Ant1	2440	5.91	≤30	PASS
BLE_2M	Ant1	2480	5.76	≤30	PASS

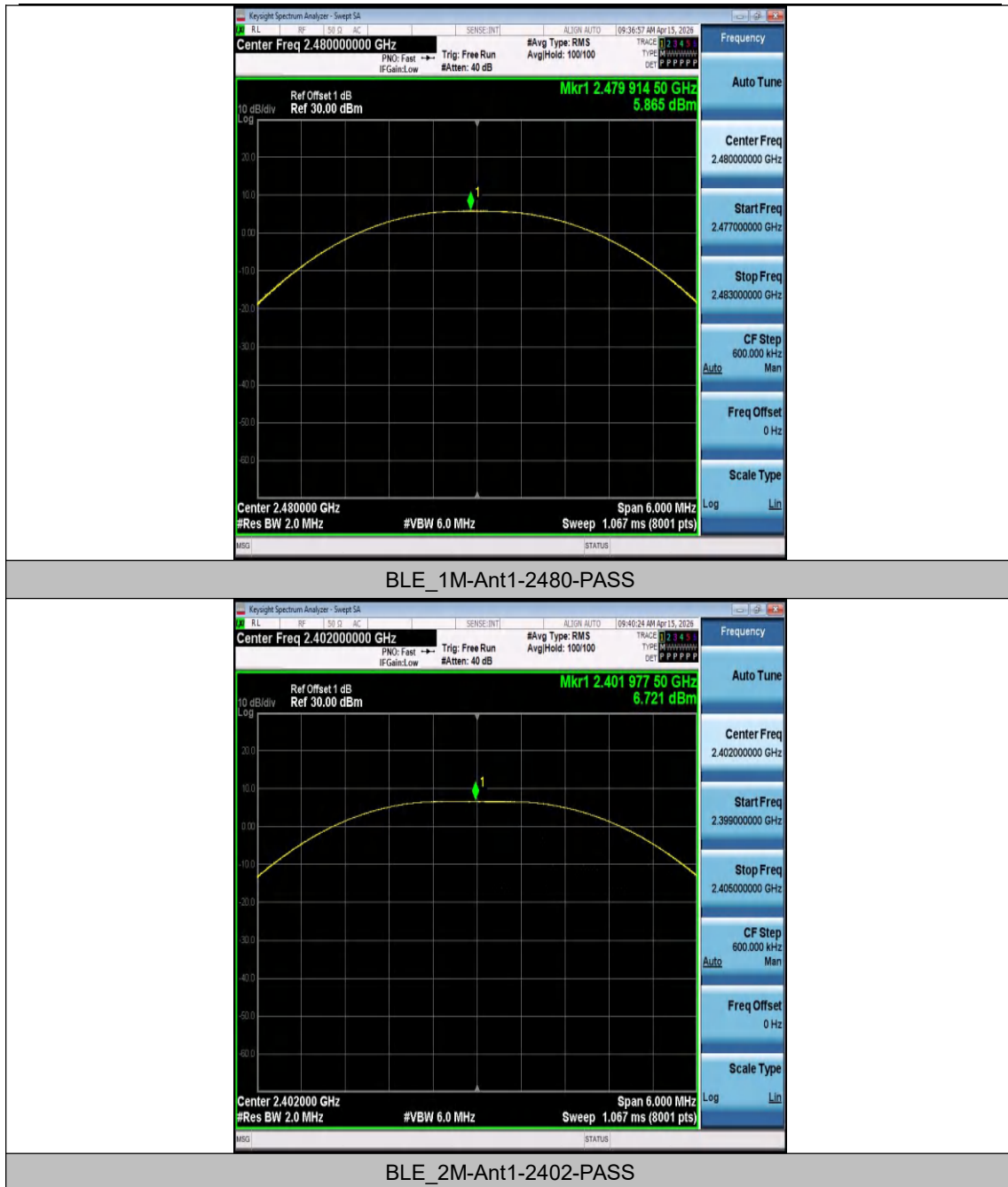
Test Graphs Peak



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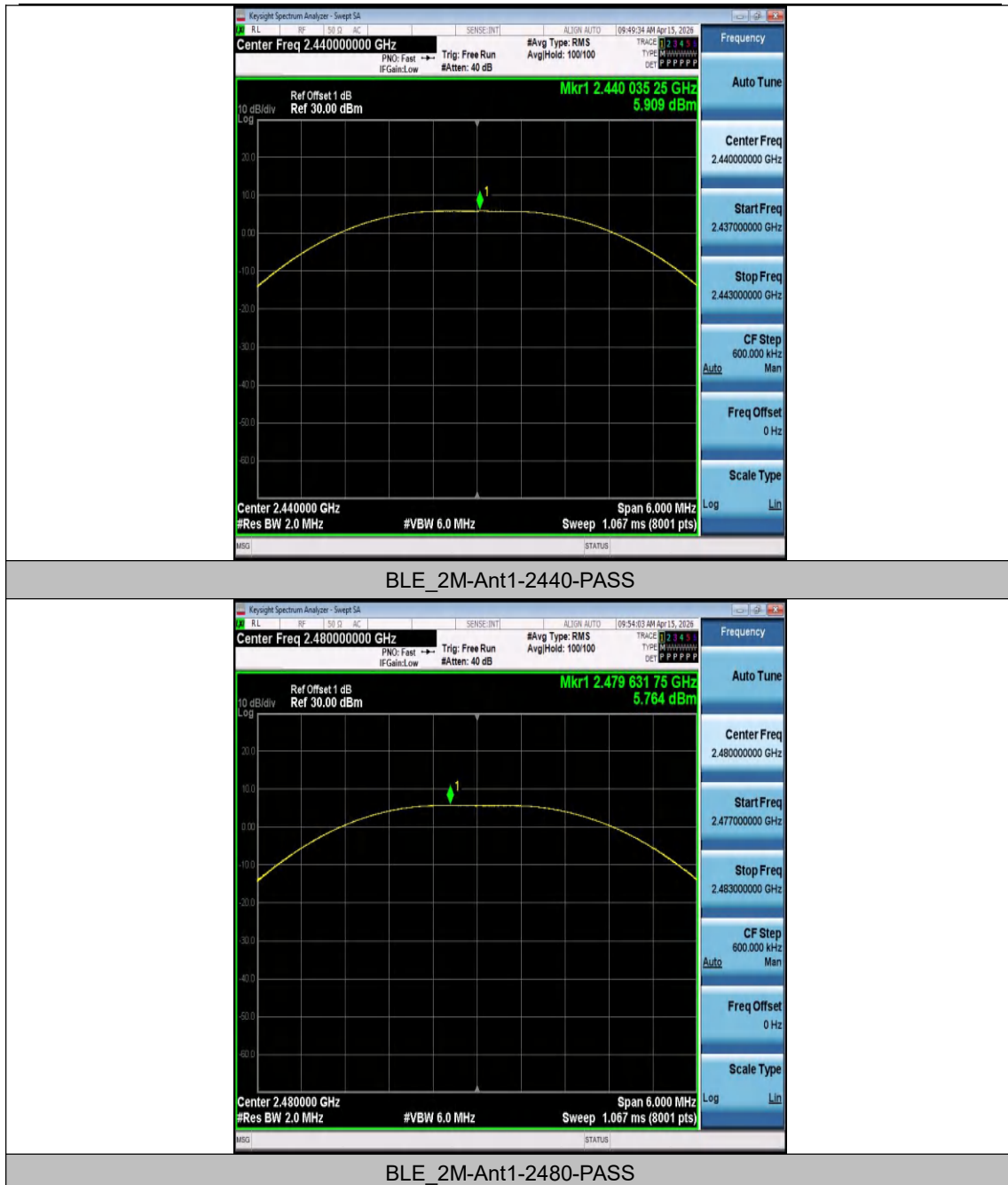
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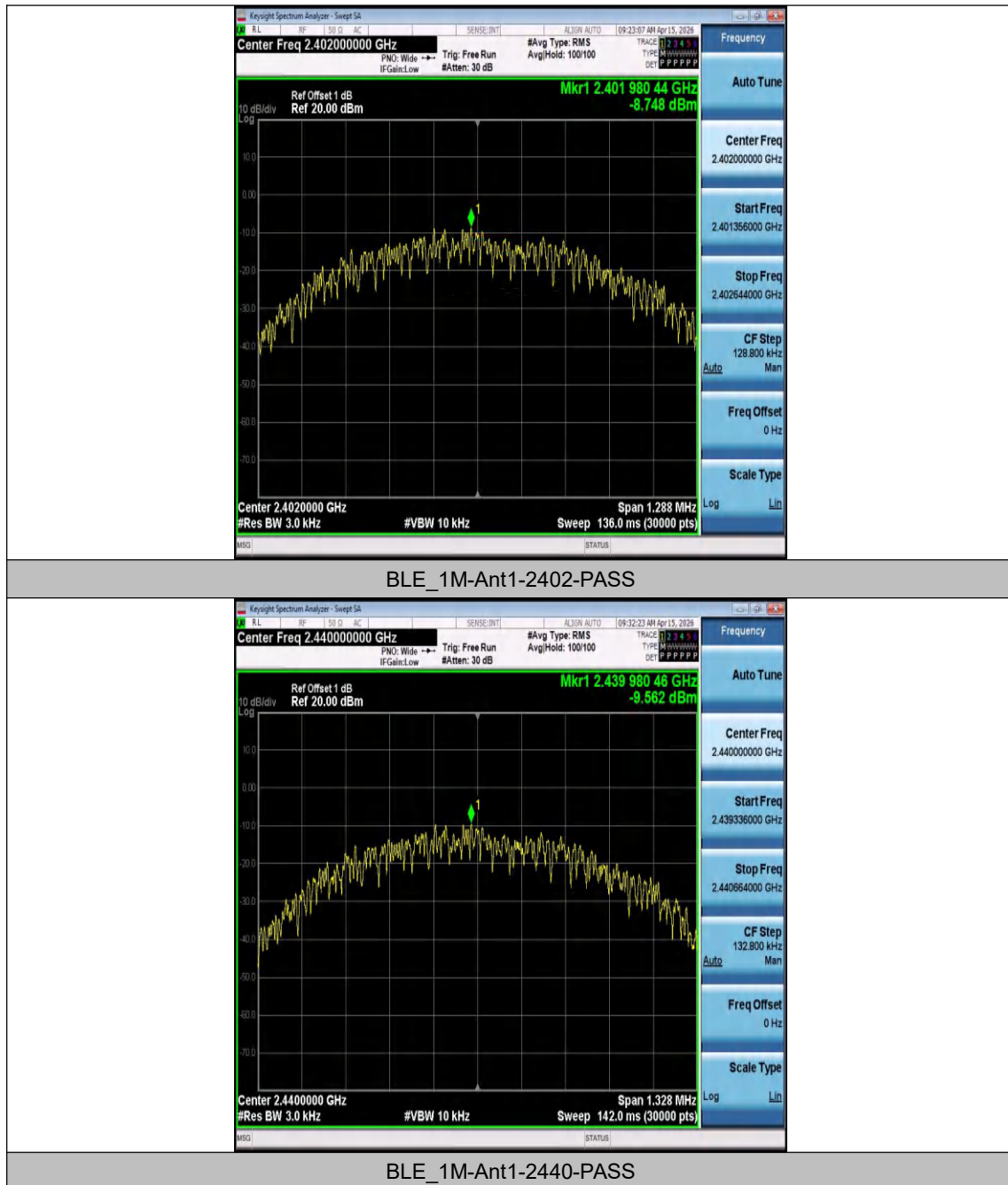
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.75	≤8.00	PASS
BLE_1M	Ant1	2440	-9.56	≤8.00	PASS
BLE_1M	Ant1	2480	-9.57	≤8.00	PASS
BLE_2M	Ant1	2402	-10.21	≤8.00	PASS
BLE_2M	Ant1	2440	-10.88	≤8.00	PASS
BLE_2M	Ant1	2480	-11.05	≤8.00	PASS

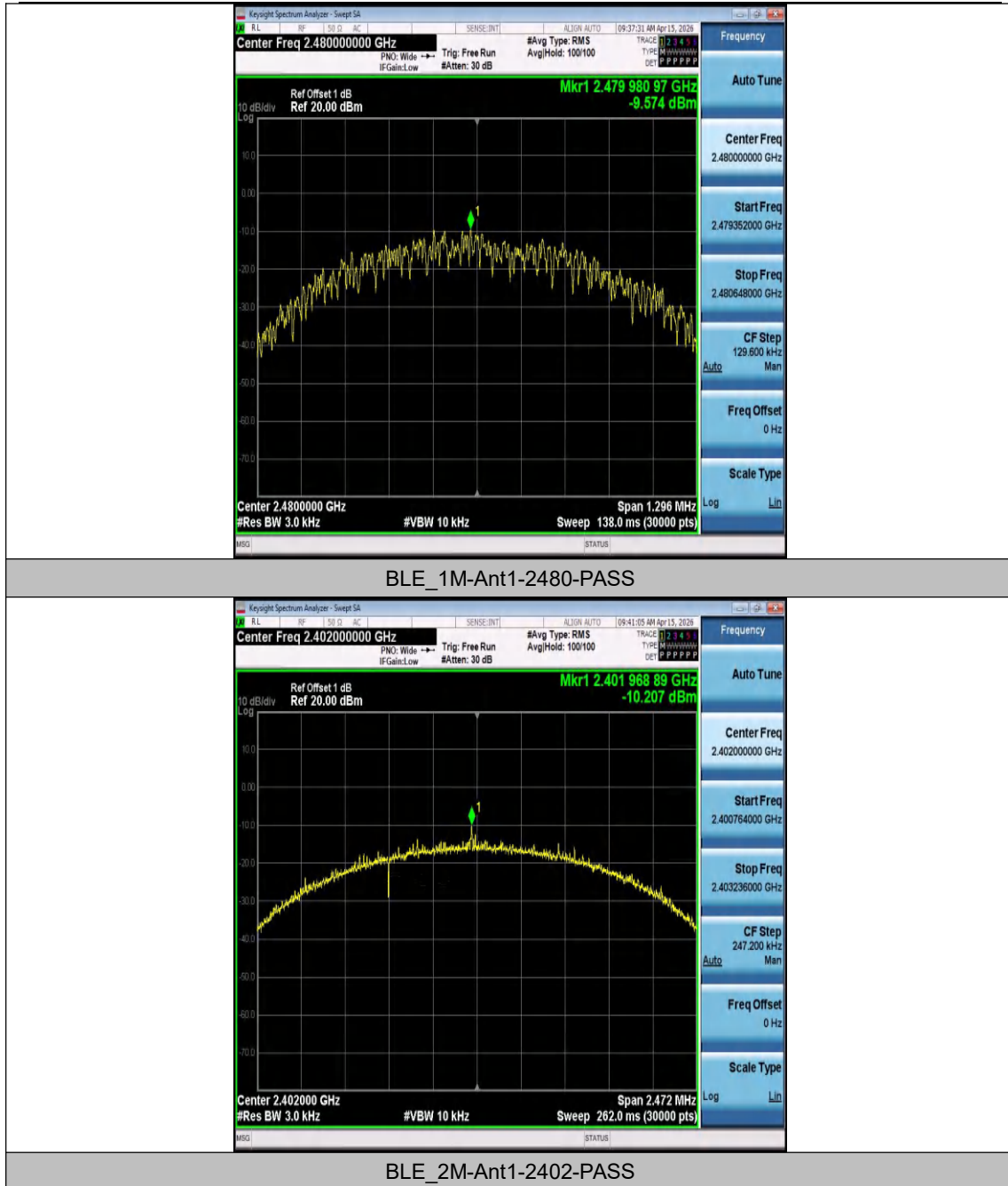
Test Graphs



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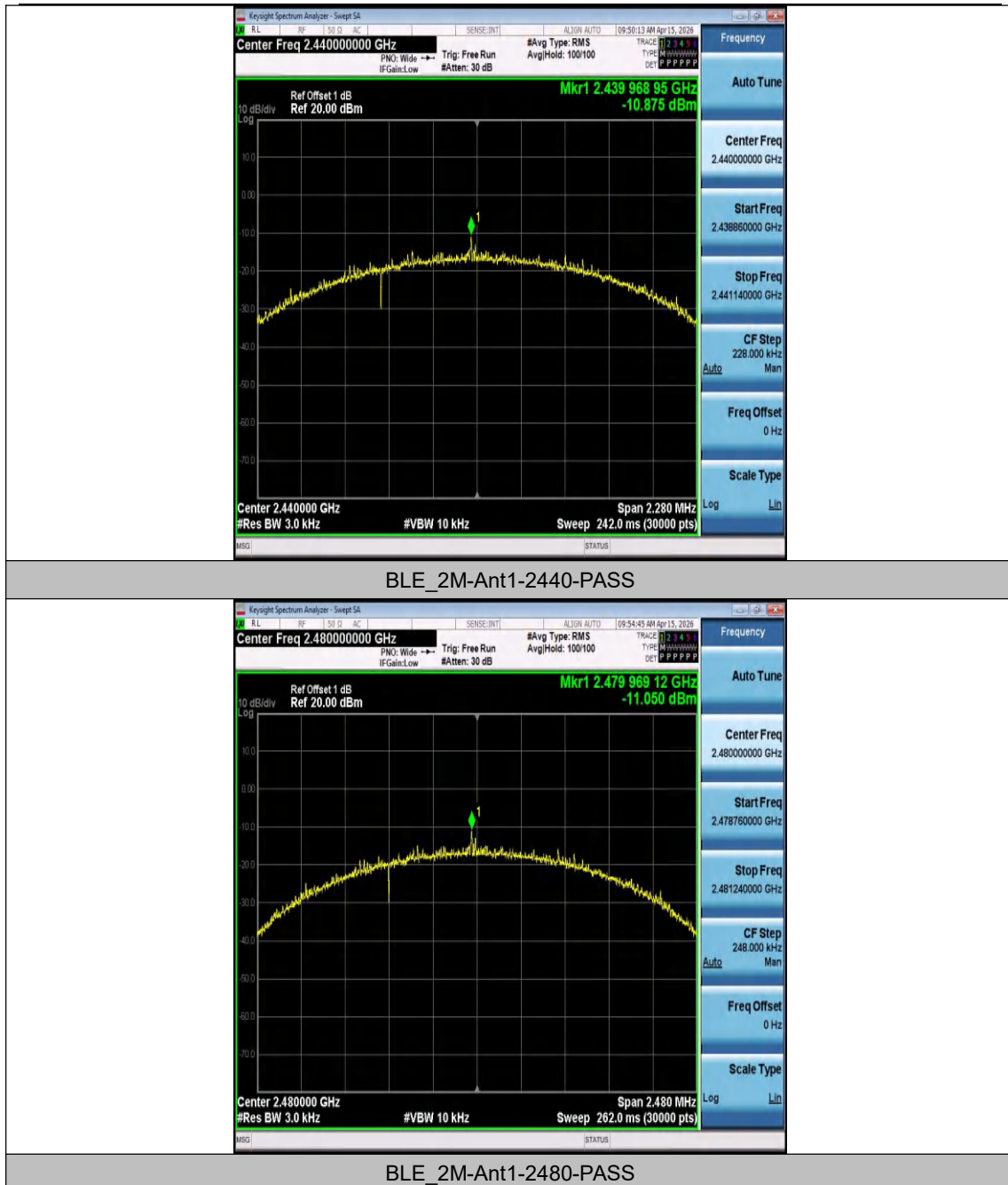
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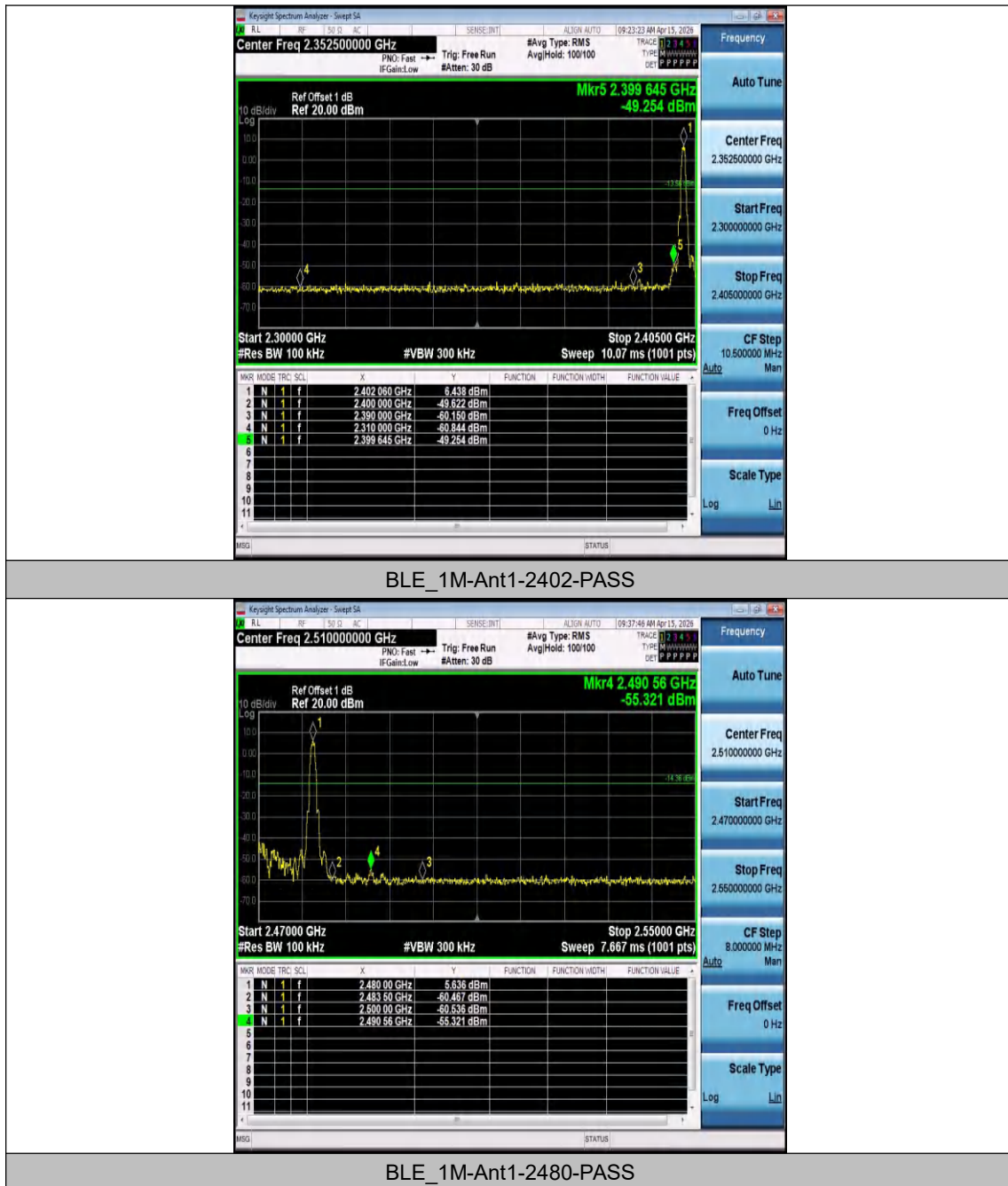
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.44	-49.25	≤-13.56	PASS
BLE_1M	Ant1	High	2480	5.64	-55.32	≤-14.36	PASS
BLE_2M	Ant1	Low	2402	3.85	-29.93	≤-16.15	PASS
BLE_2M	Ant1	High	2480	5.06	-56.53	≤-14.94	PASS

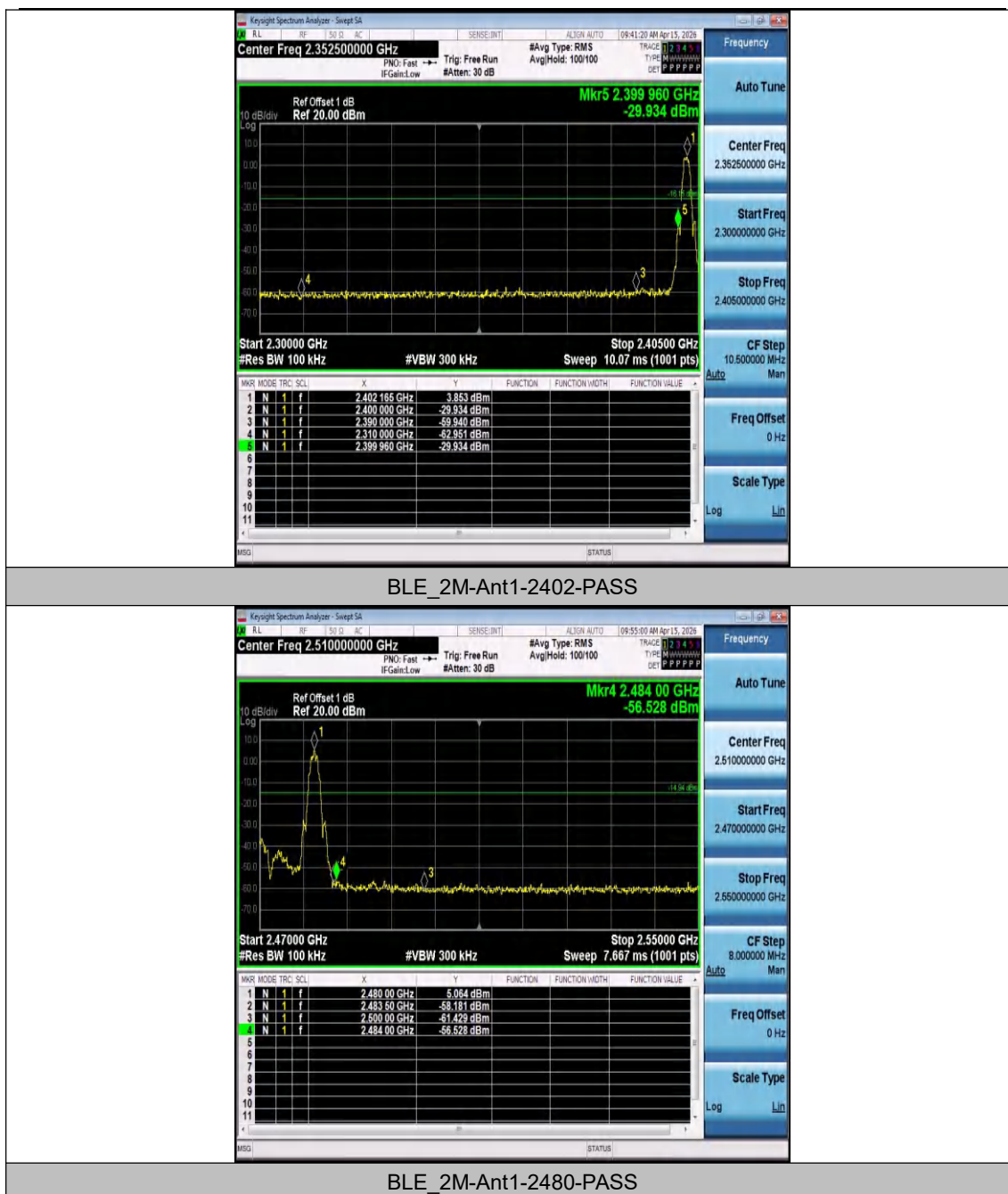
Test Graphs



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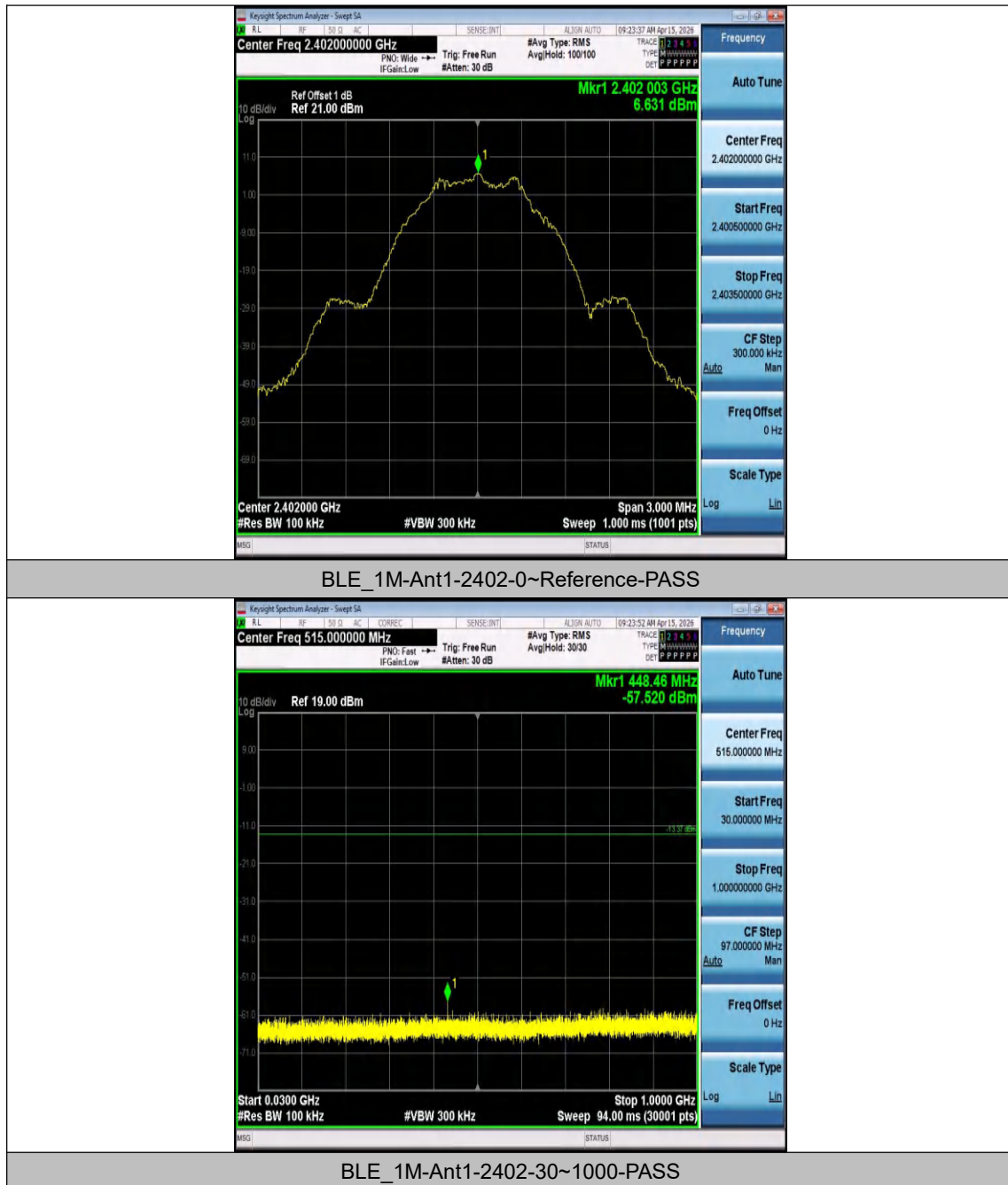
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	6.63	6.63	---	PASS
BLE_1M	Ant1	2402	30~1000	6.63	-57.52	≤-13.37	PASS
BLE_1M	Ant1	2402	1000~26500	6.63	-48.69	≤-13.37	PASS
BLE_1M	Ant1	2440	0~Reference	5.76	5.76	---	PASS
BLE_1M	Ant1	2440	30~1000	5.76	-59.06	≤-14.24	PASS
BLE_1M	Ant1	2440	1000~26500	5.76	-48.32	≤-14.24	PASS
BLE_1M	Ant1	2480	0~Reference	5.64	5.64	---	PASS
BLE_1M	Ant1	2480	30~1000	5.64	-59.18	≤-14.36	PASS
BLE_1M	Ant1	2480	1000~26500	5.64	-48.8	≤-14.36	PASS
BLE_2M	Ant1	2402	0~Reference	6.48	6.48	---	PASS
BLE_2M	Ant1	2402	30~1000	6.48	-58.94	≤-13.52	PASS
BLE_2M	Ant1	2402	1000~26500	6.48	-48.9	≤-13.52	PASS
BLE_2M	Ant1	2440	0~Reference	5.71	5.71	---	PASS
BLE_2M	Ant1	2440	30~1000	5.71	-59.2	≤-14.29	PASS
BLE_2M	Ant1	2440	1000~26500	5.71	-48.94	≤-14.29	PASS
BLE_2M	Ant1	2480	0~Reference	5.35	5.35	---	PASS
BLE_2M	Ant1	2480	30~1000	5.35	-58.92	≤-14.65	PASS
BLE_2M	Ant1	2480	1000~26500	5.35	-48.65	≤-14.65	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.

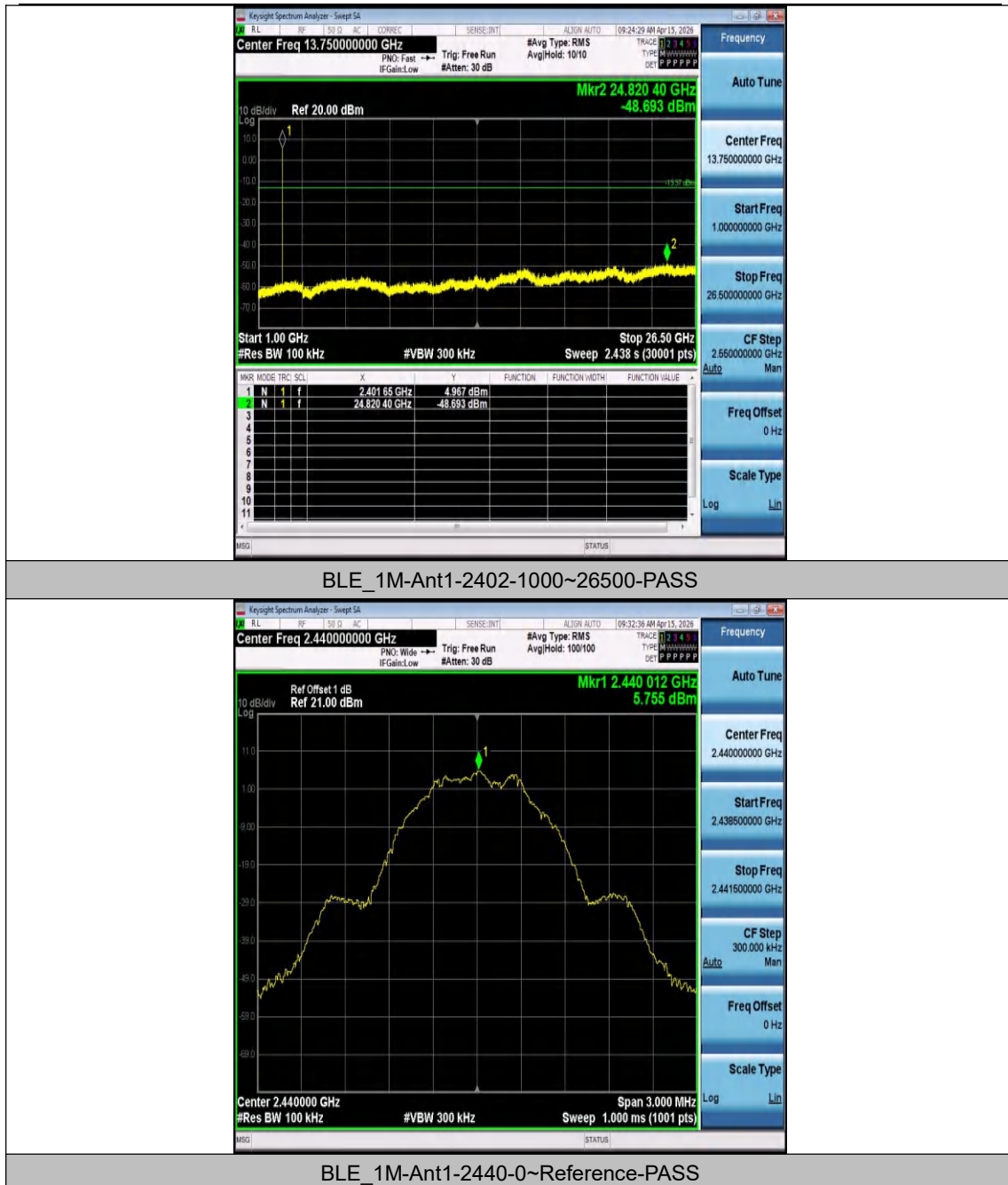
Test Graphs



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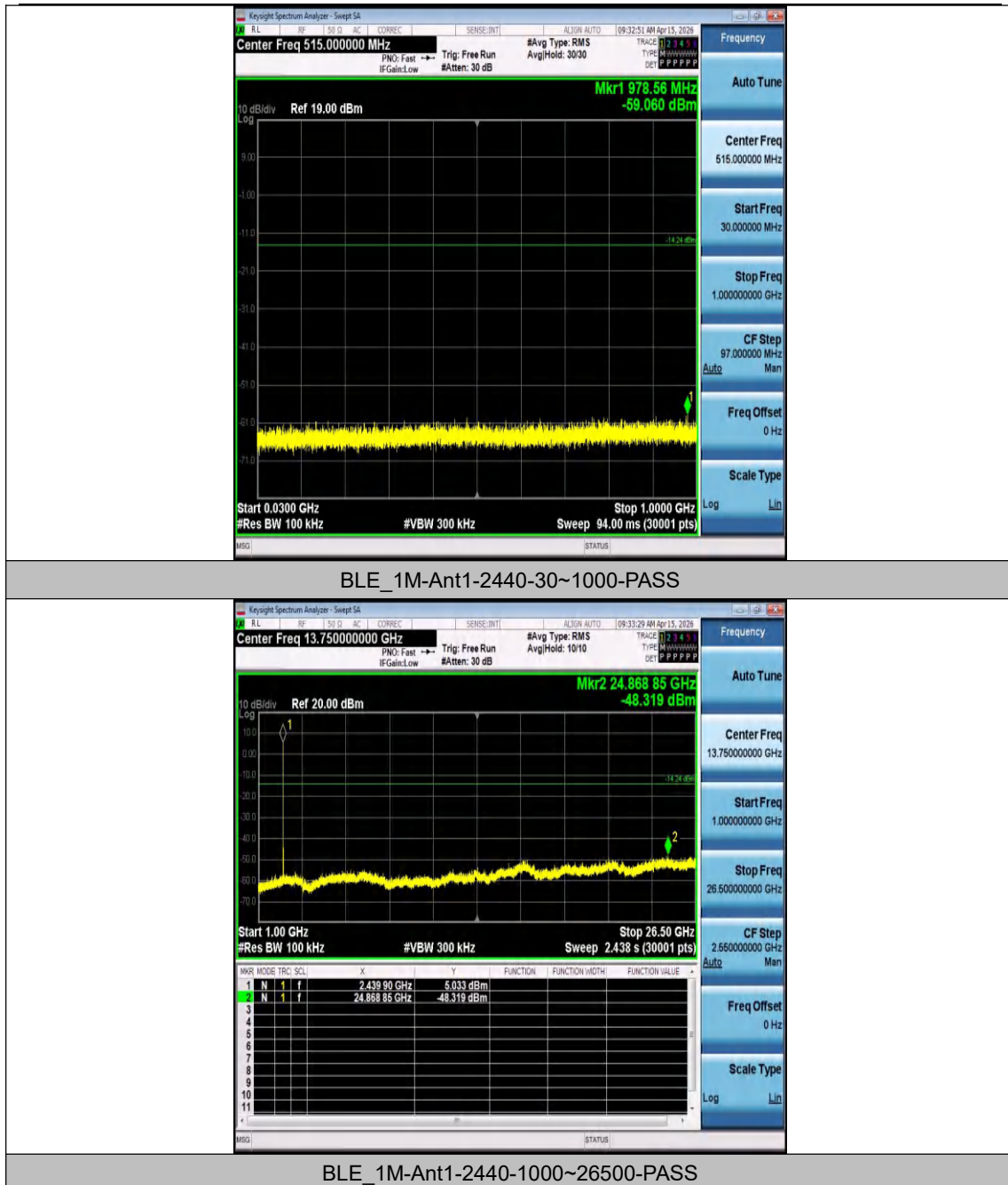
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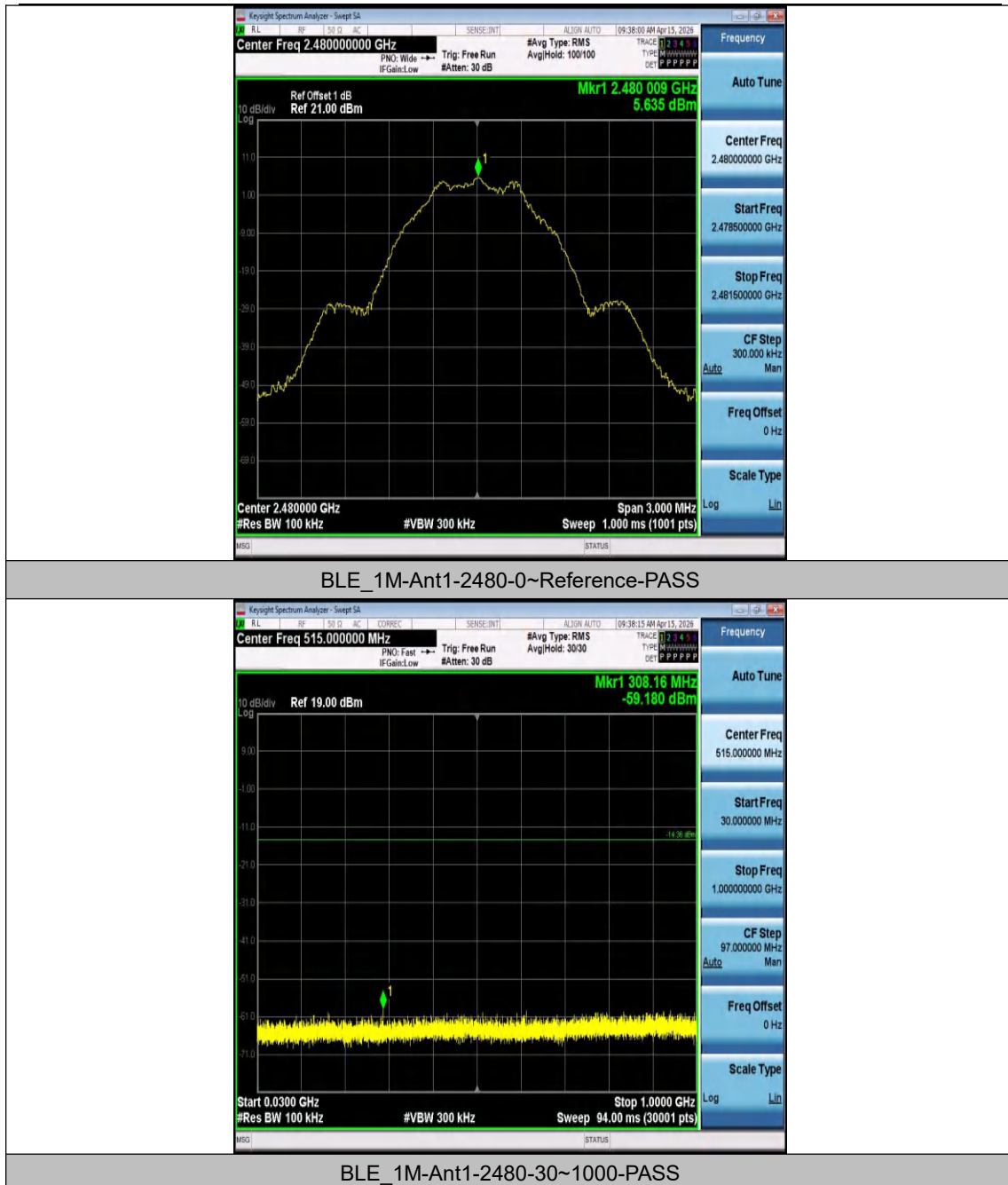
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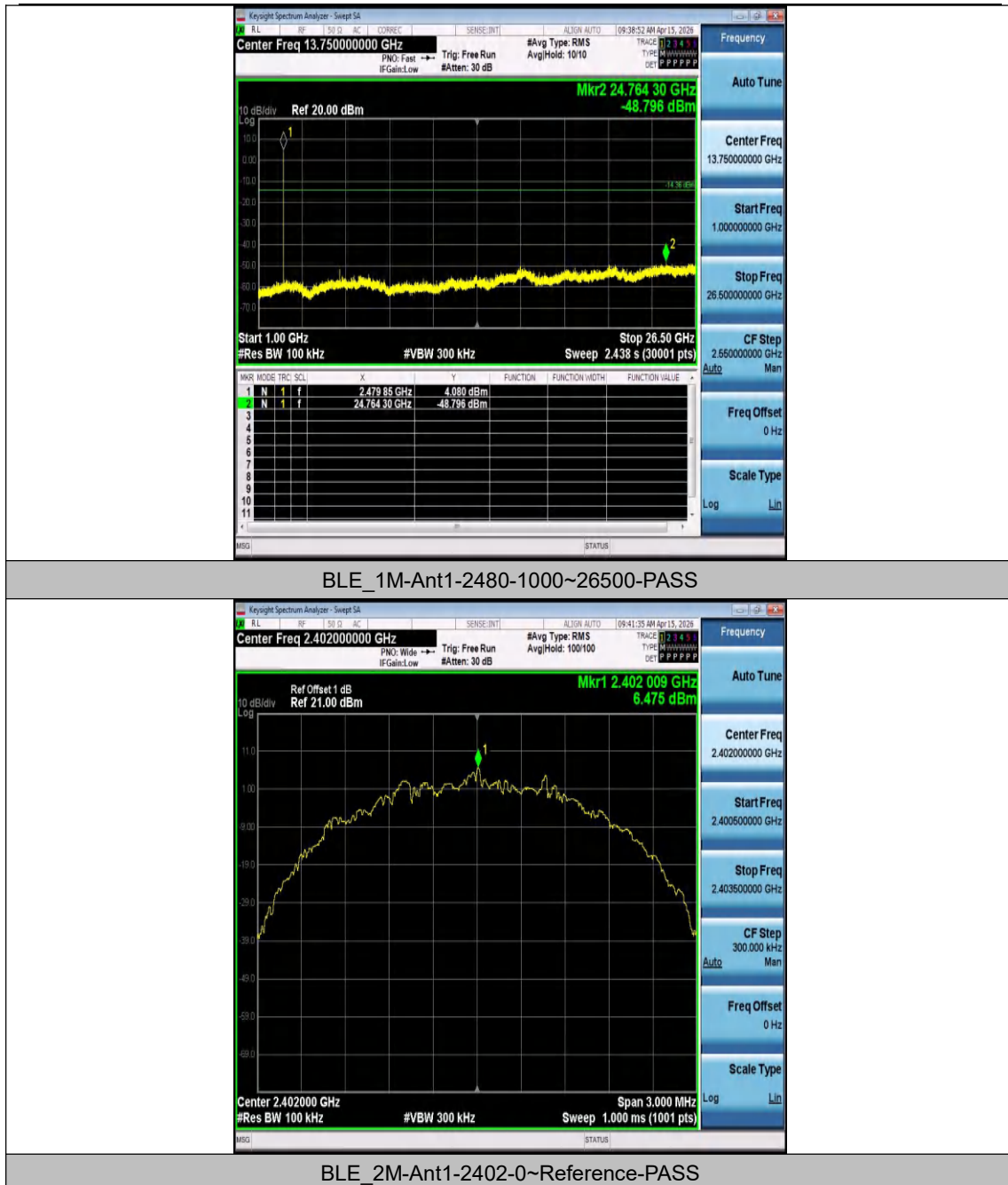
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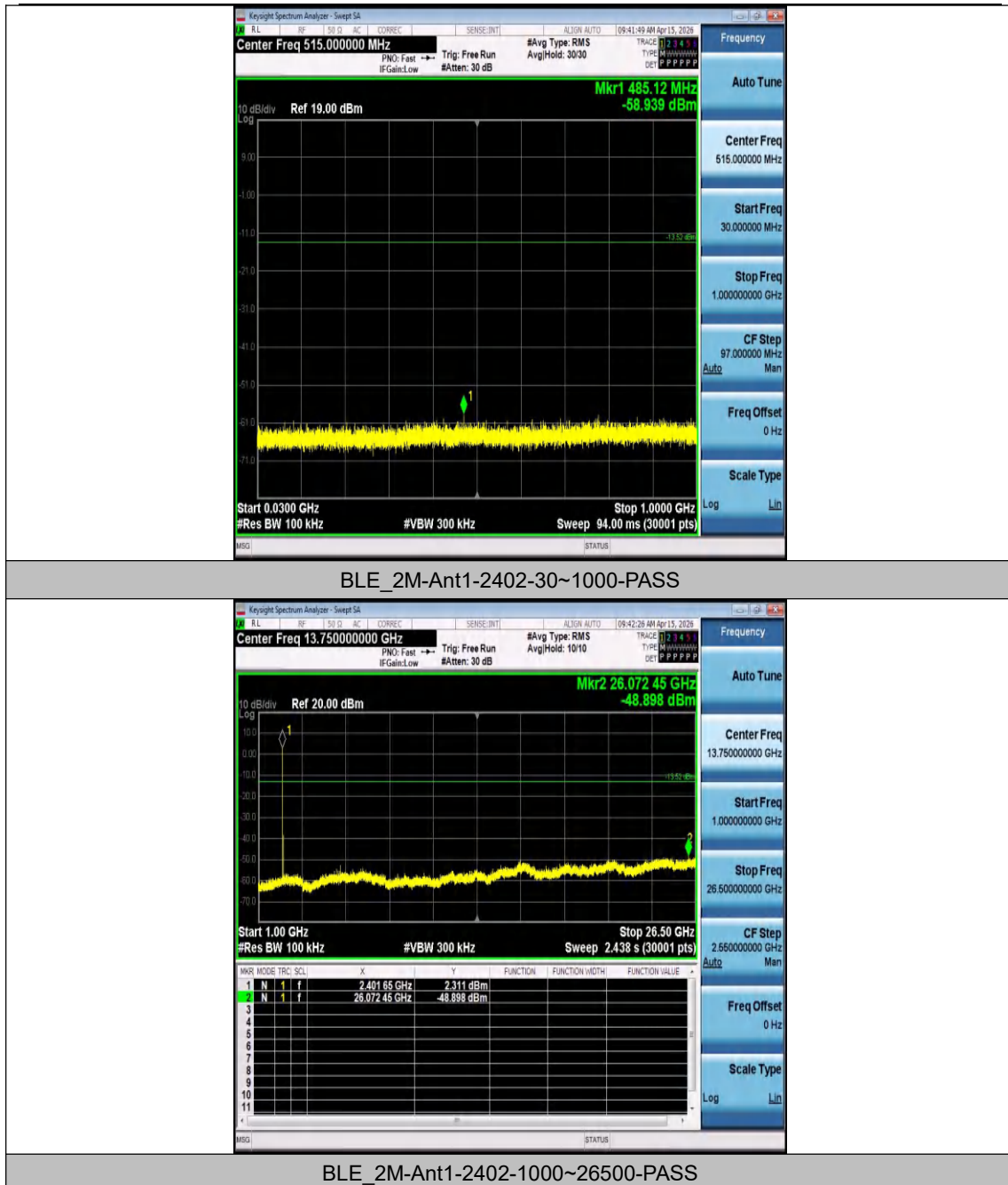
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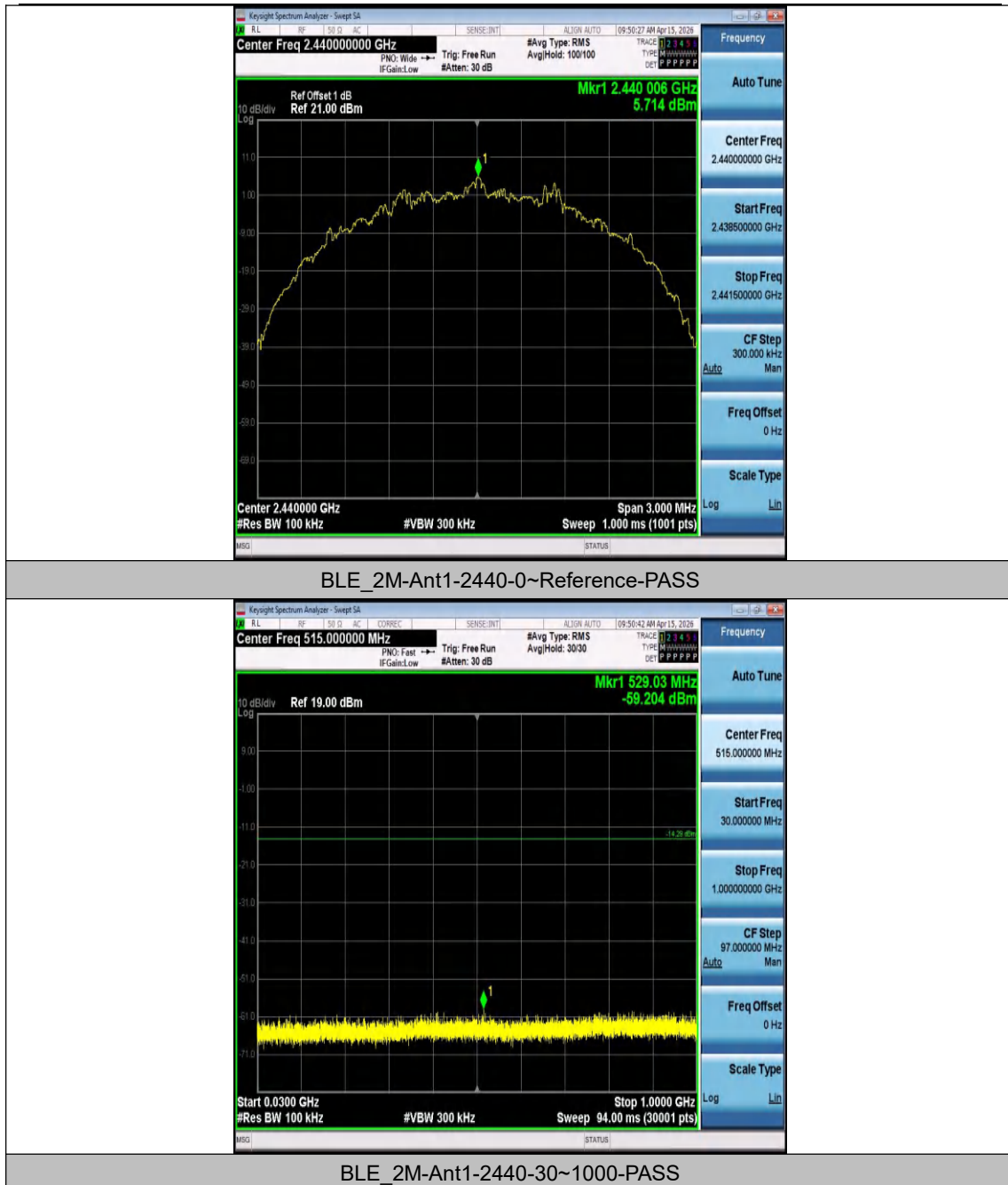
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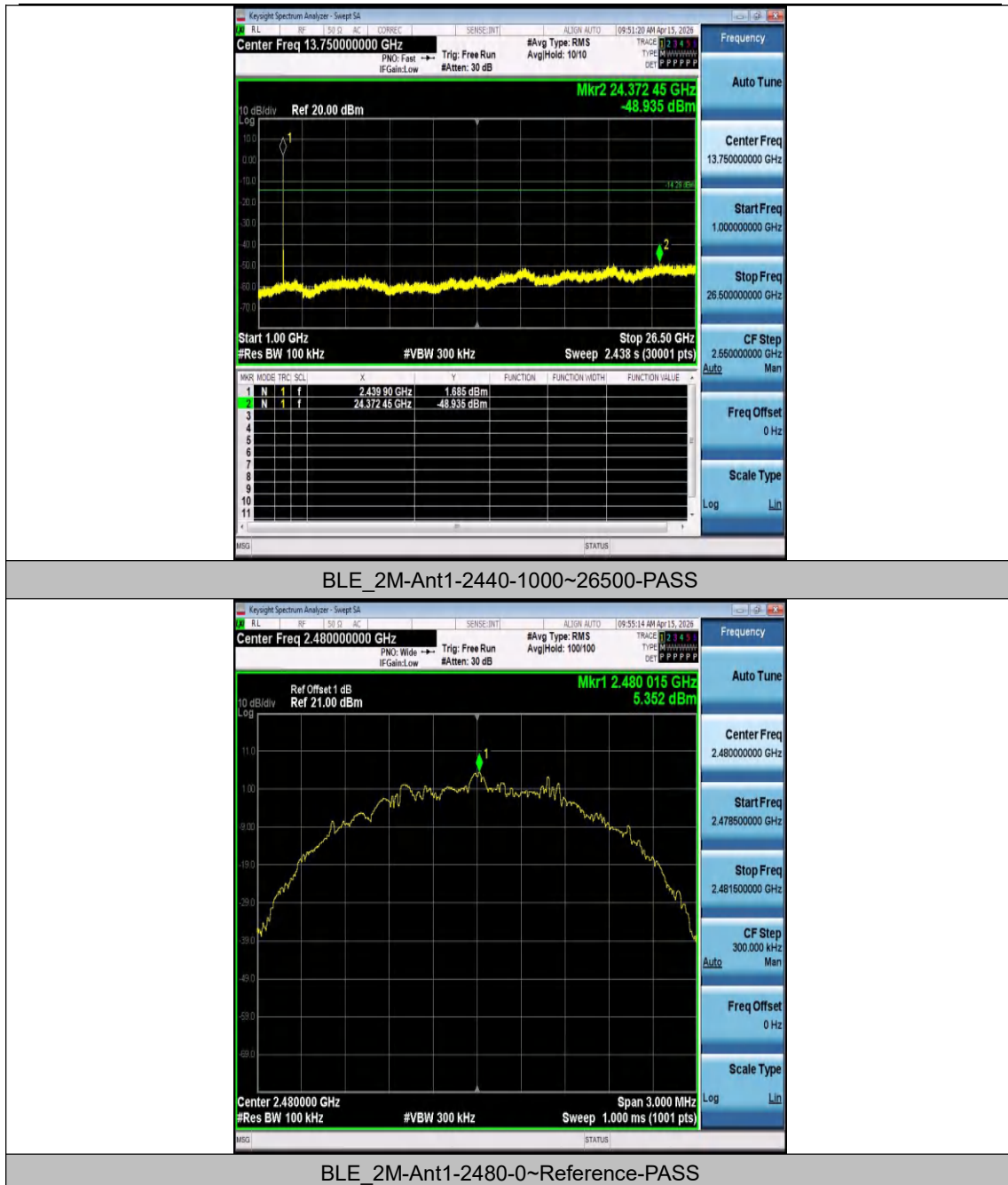
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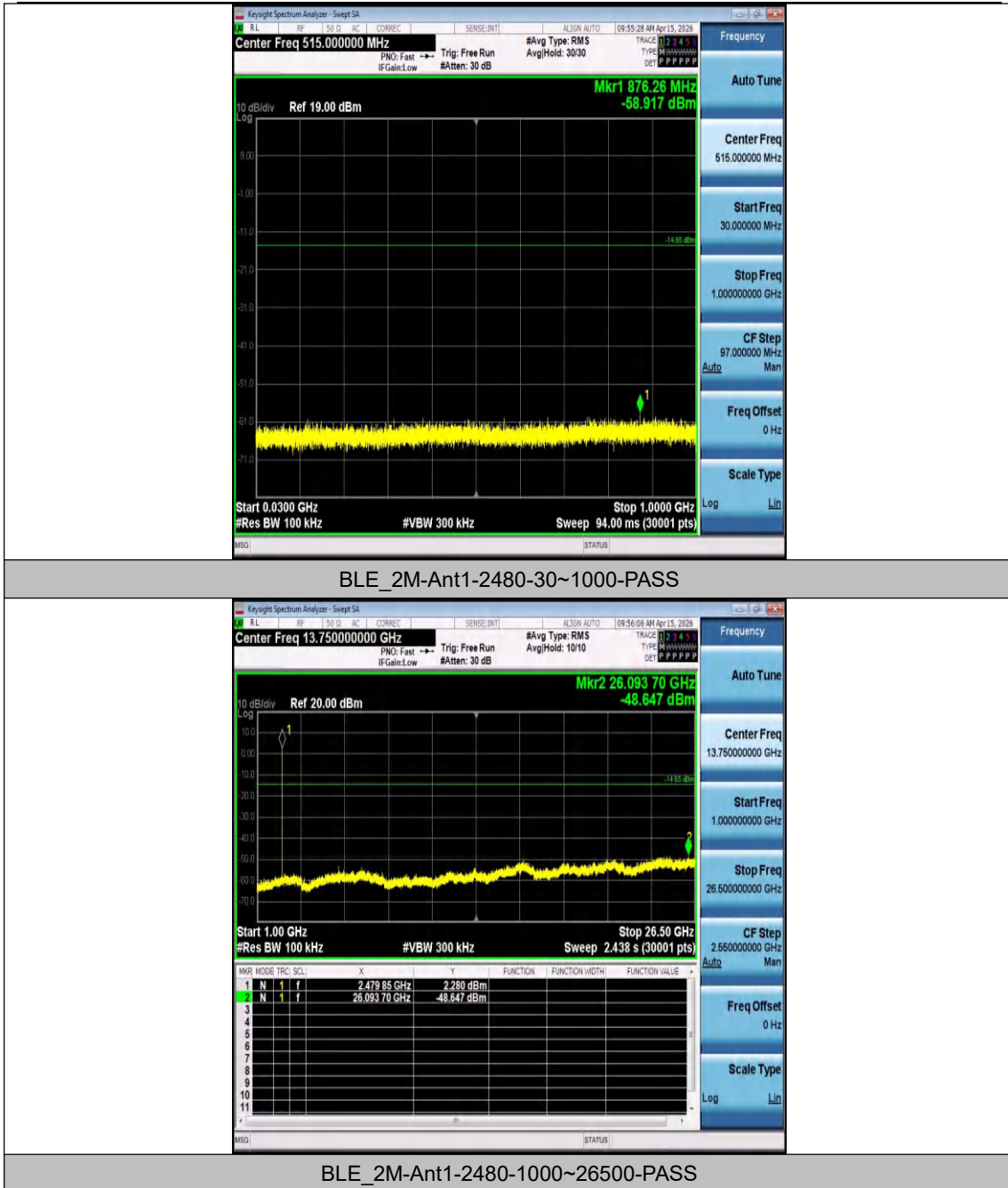


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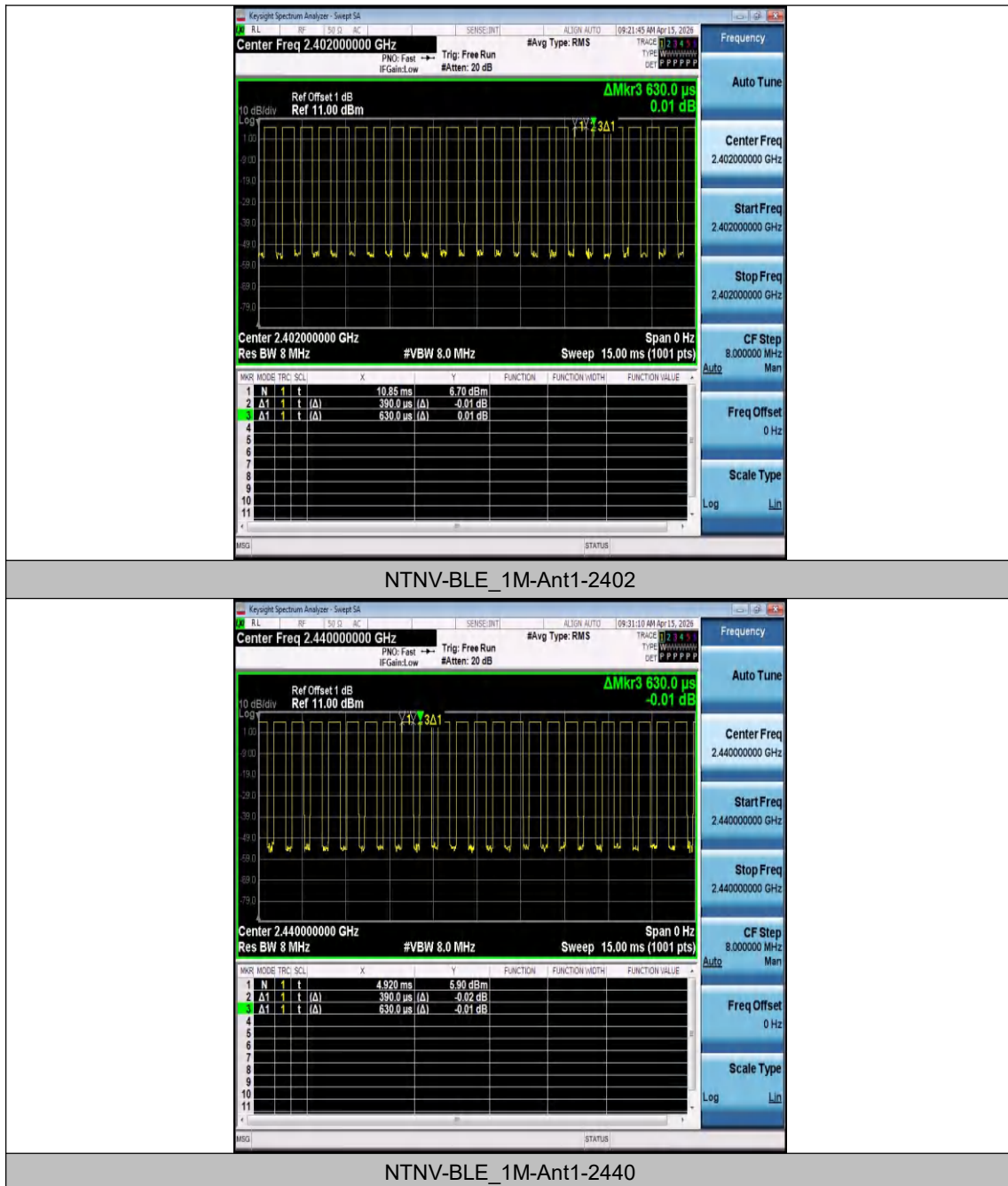
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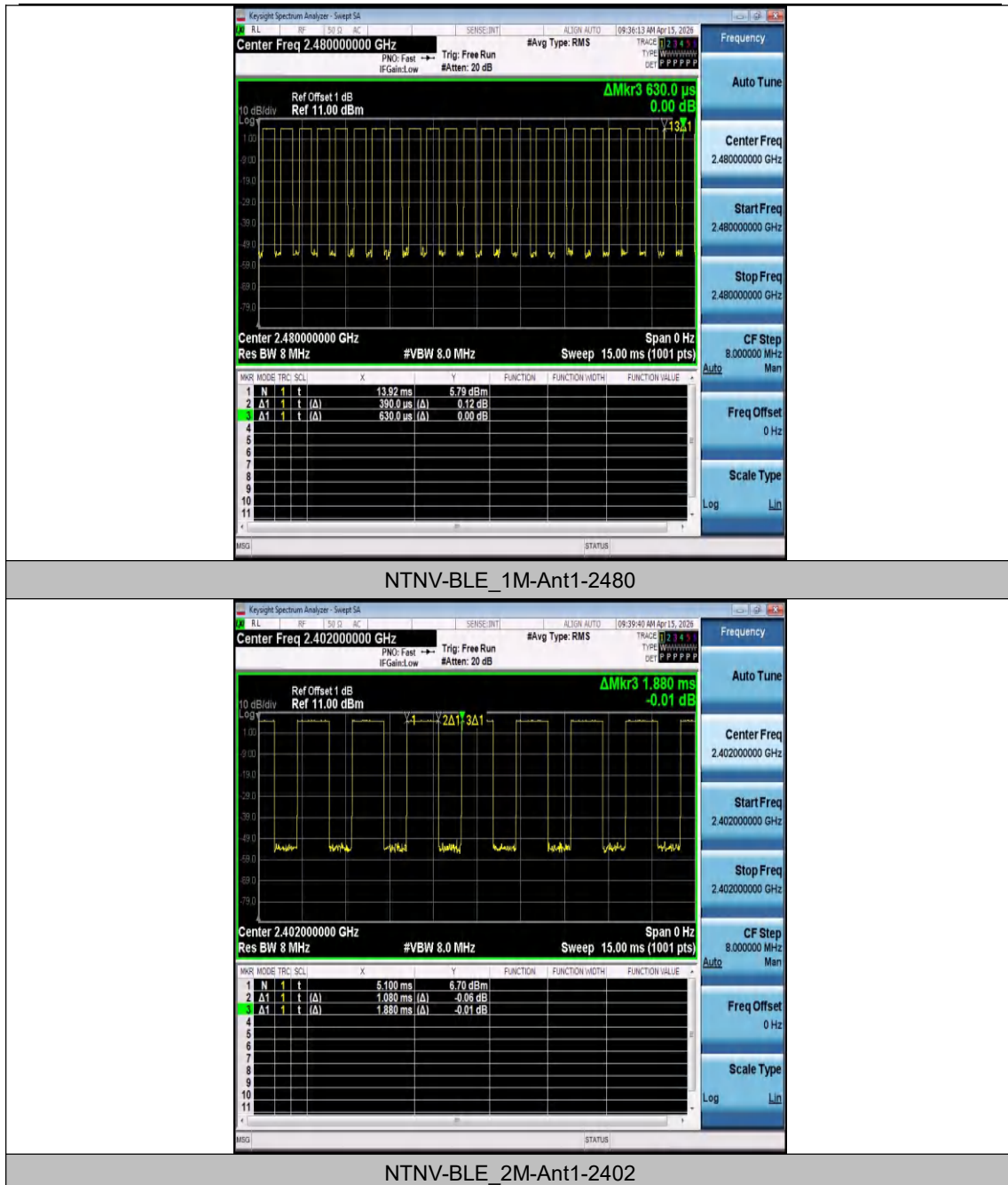
Appendix G: Duty Cycle

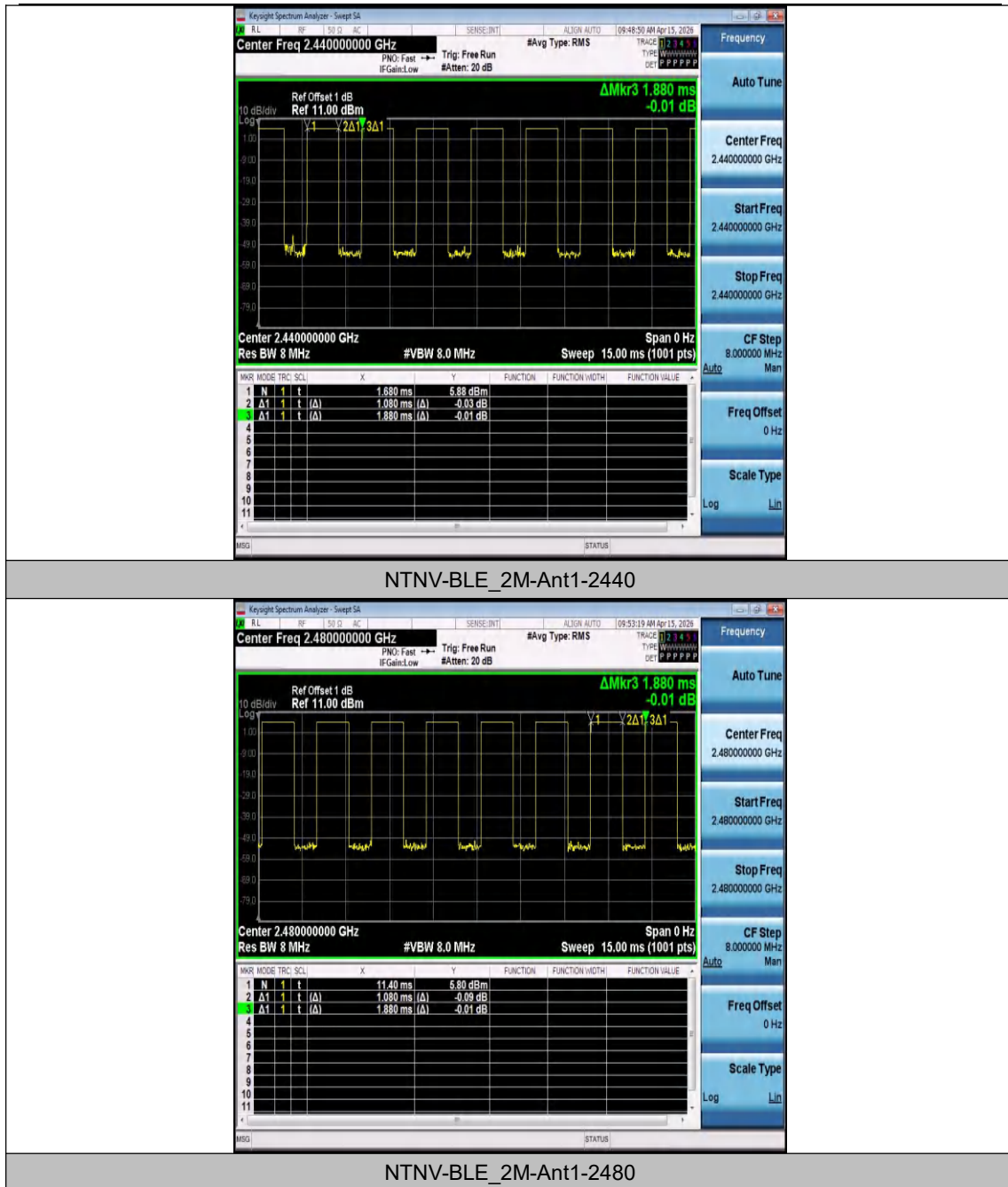
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2440	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08
BLE_2M	Ant1	2402	1.08	1.88	57.45	2.41
BLE_2M	Ant1	2440	1.08	1.88	57.45	2.41
BLE_2M	Ant1	2480	1.08	1.88	57.45	2.41

Test Graphs







---End---