

Appendix Test Data

Report No.:	1816C60003712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-17	Finish Test Date:	2026-4-23
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	62%
Pressure:	101kPa		

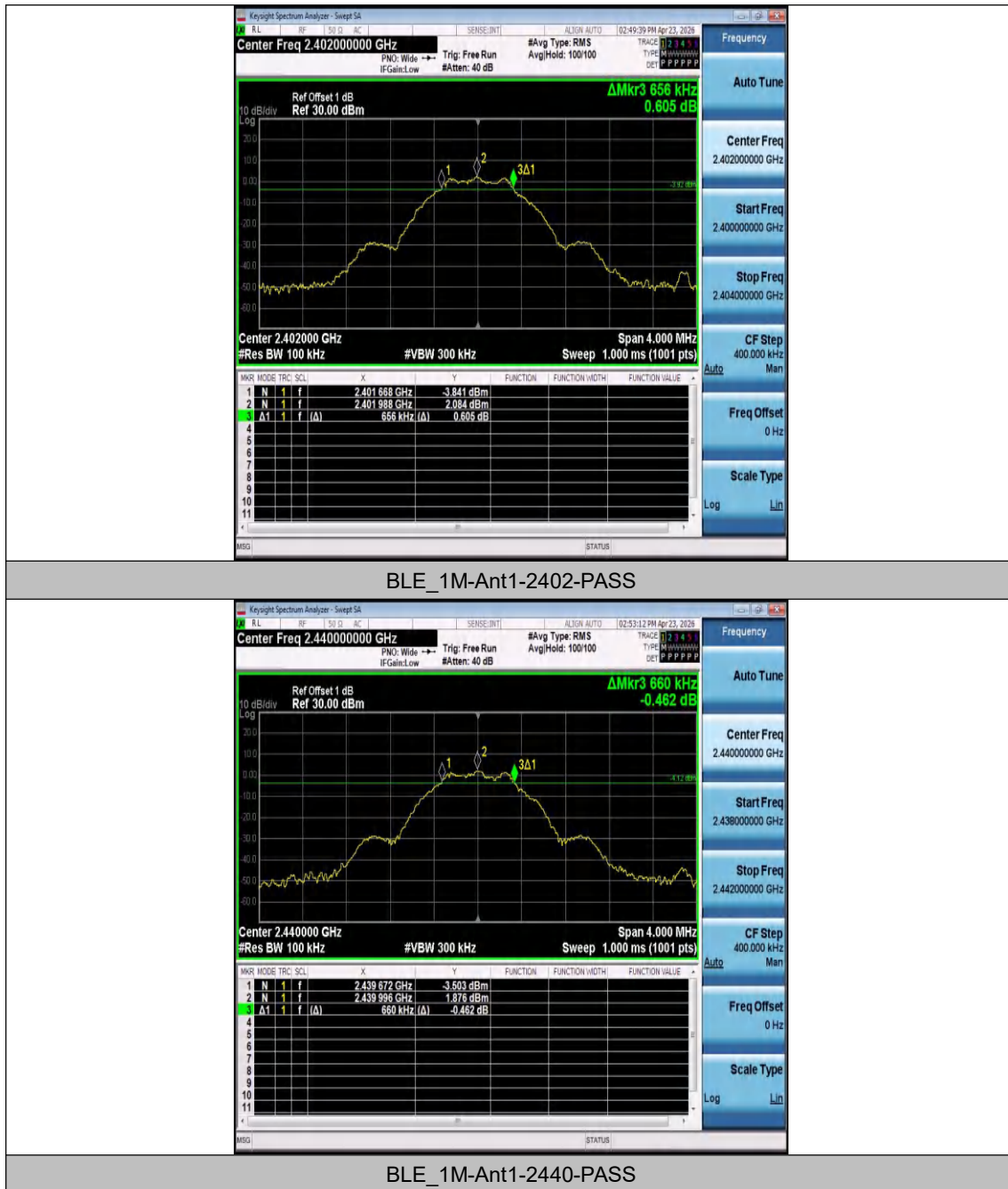


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.668	2402.324	0.5	PASS
BLE_1M	Ant1	2440	0.660	2439.672	2440.332	0.5	PASS
BLE_1M	Ant1	2480	0.664	2479.664	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.104	2401.448	2402.552	0.5	PASS
BLE_2M	Ant1	2440	1.108	2439.448	2440.556	0.5	PASS
BLE_2M	Ant1	2480	1.104	2479.444	2480.548	0.5	PASS

Test Graphs





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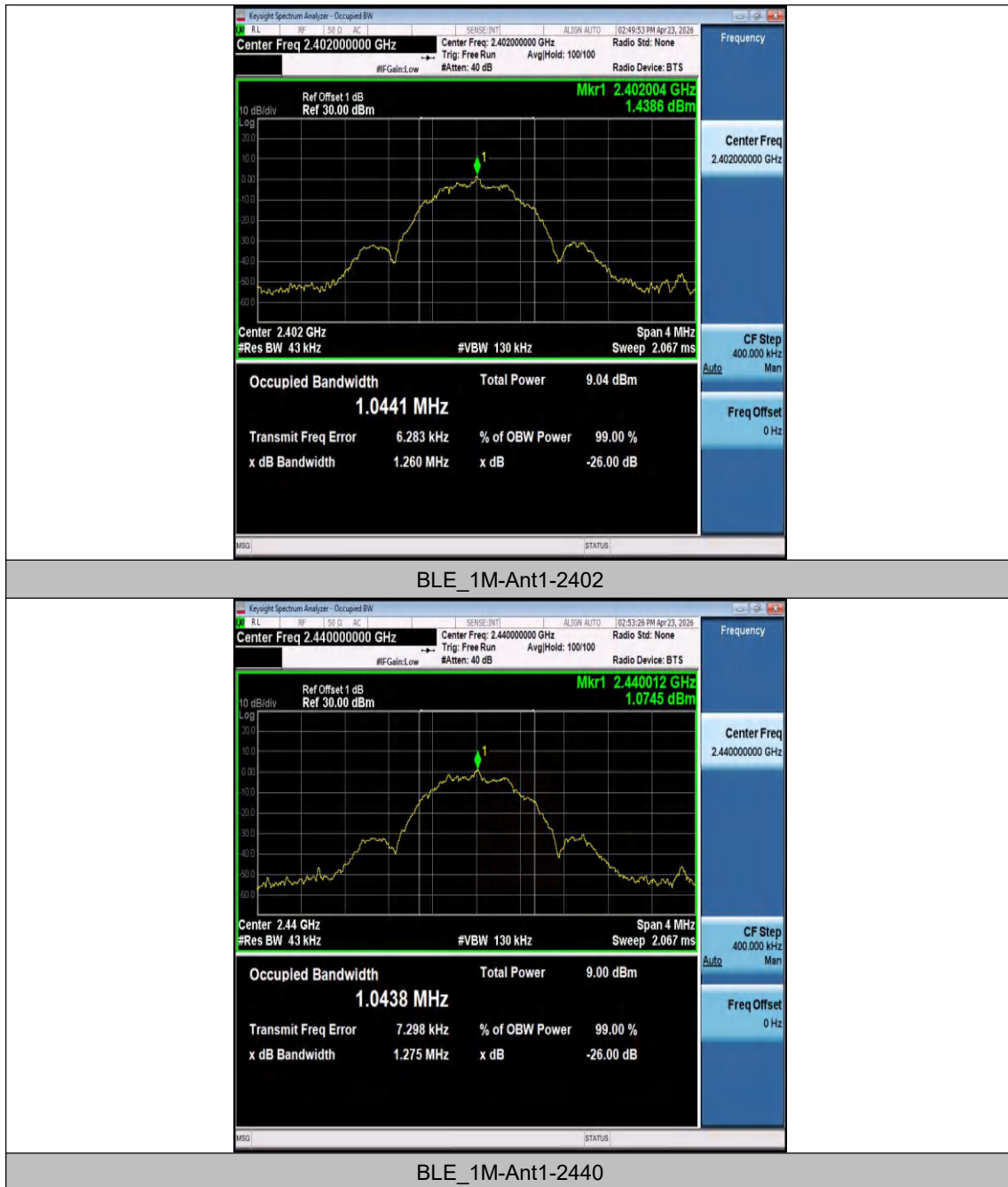
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0441	2401.4842	2402.5283	---	---
BLE_1M	Ant1	2440	1.0438	2439.4854	2440.5292	---	---
BLE_1M	Ant1	2480	1.0423	2479.4851	2480.5274	---	---
BLE_2M	Ant1	2402	2.0615	2400.9906	2403.0521	---	---
BLE_2M	Ant1	2440	2.0393	2439.0054	2441.0447	---	---
BLE_2M	Ant1	2480	2.0518	2478.9920	2481.0438	---	---

Test Graphs



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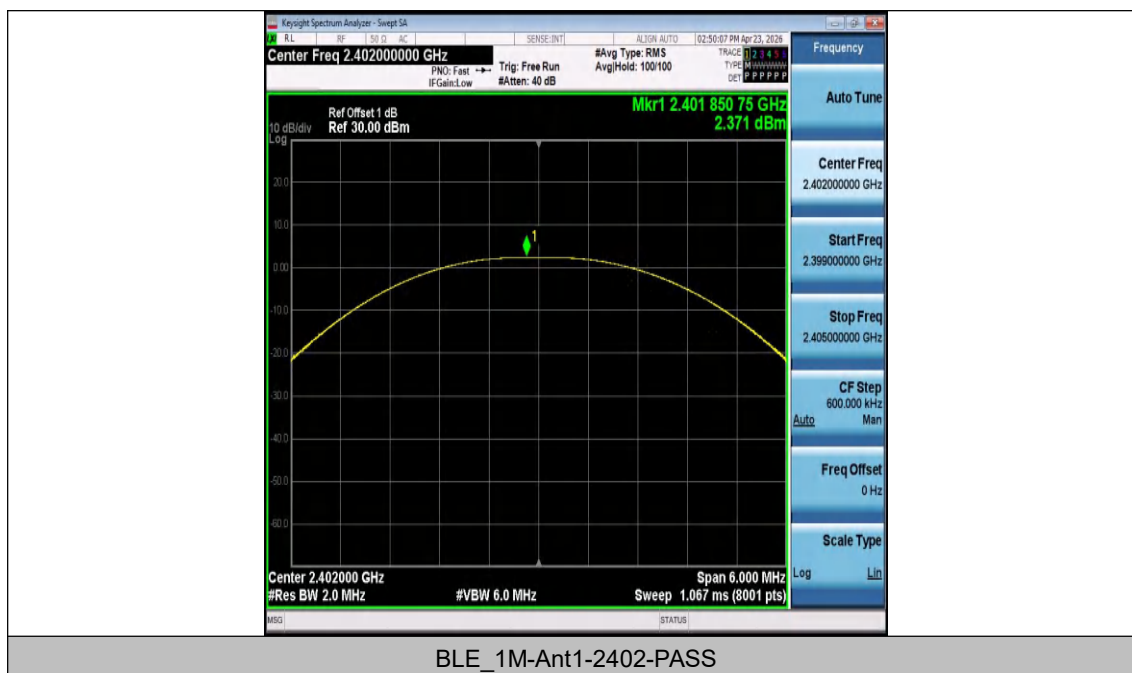
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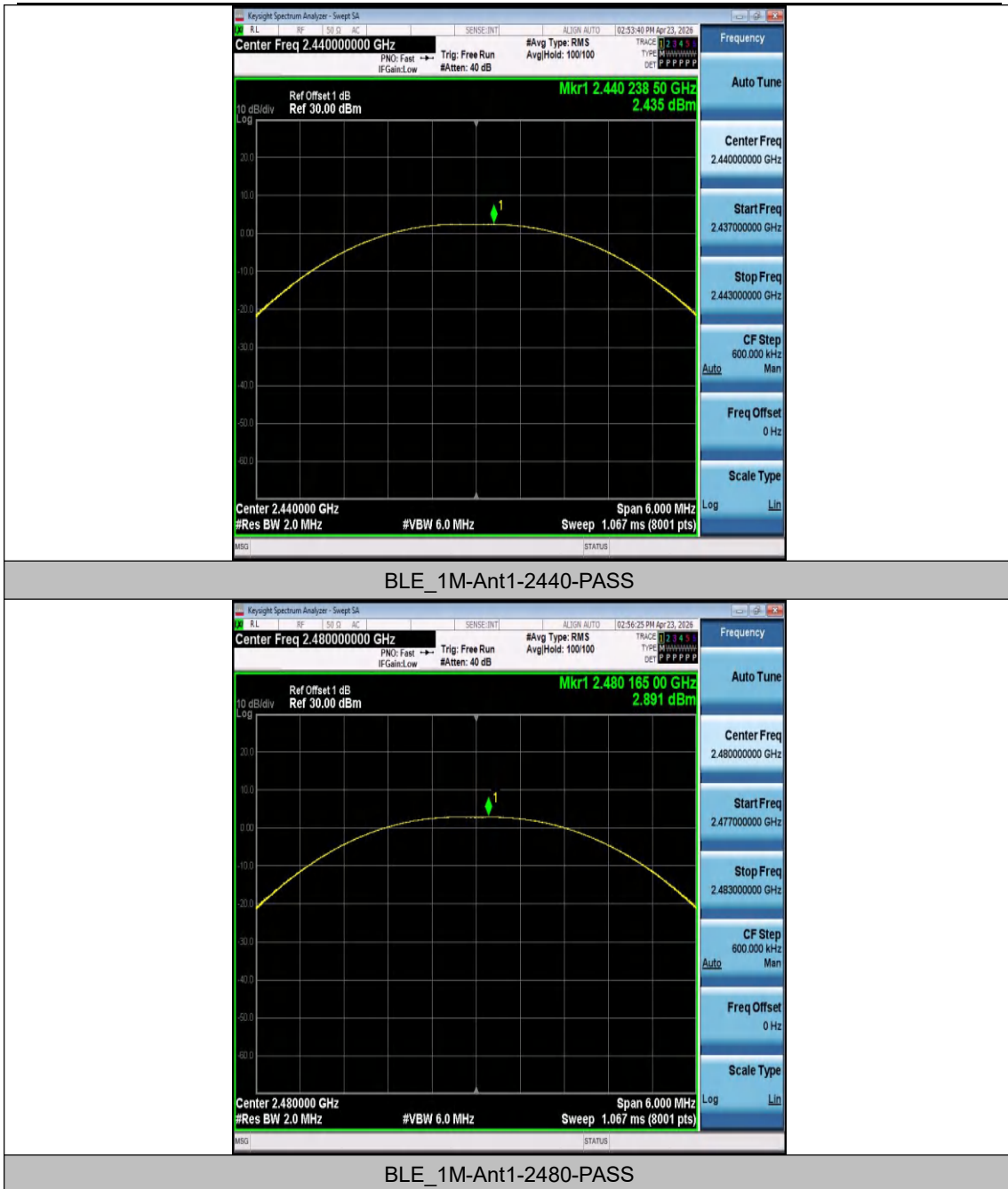
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.37	≤30	PASS
BLE_1M	Ant1	2440	2.44	≤30	PASS
BLE_1M	Ant1	2480	2.89	≤30	PASS
BLE_2M	Ant1	2402	2.37	≤30	PASS
BLE_2M	Ant1	2440	2.26	≤30	PASS
BLE_2M	Ant1	2480	2.87	≤30	PASS

Test Graphs Peak

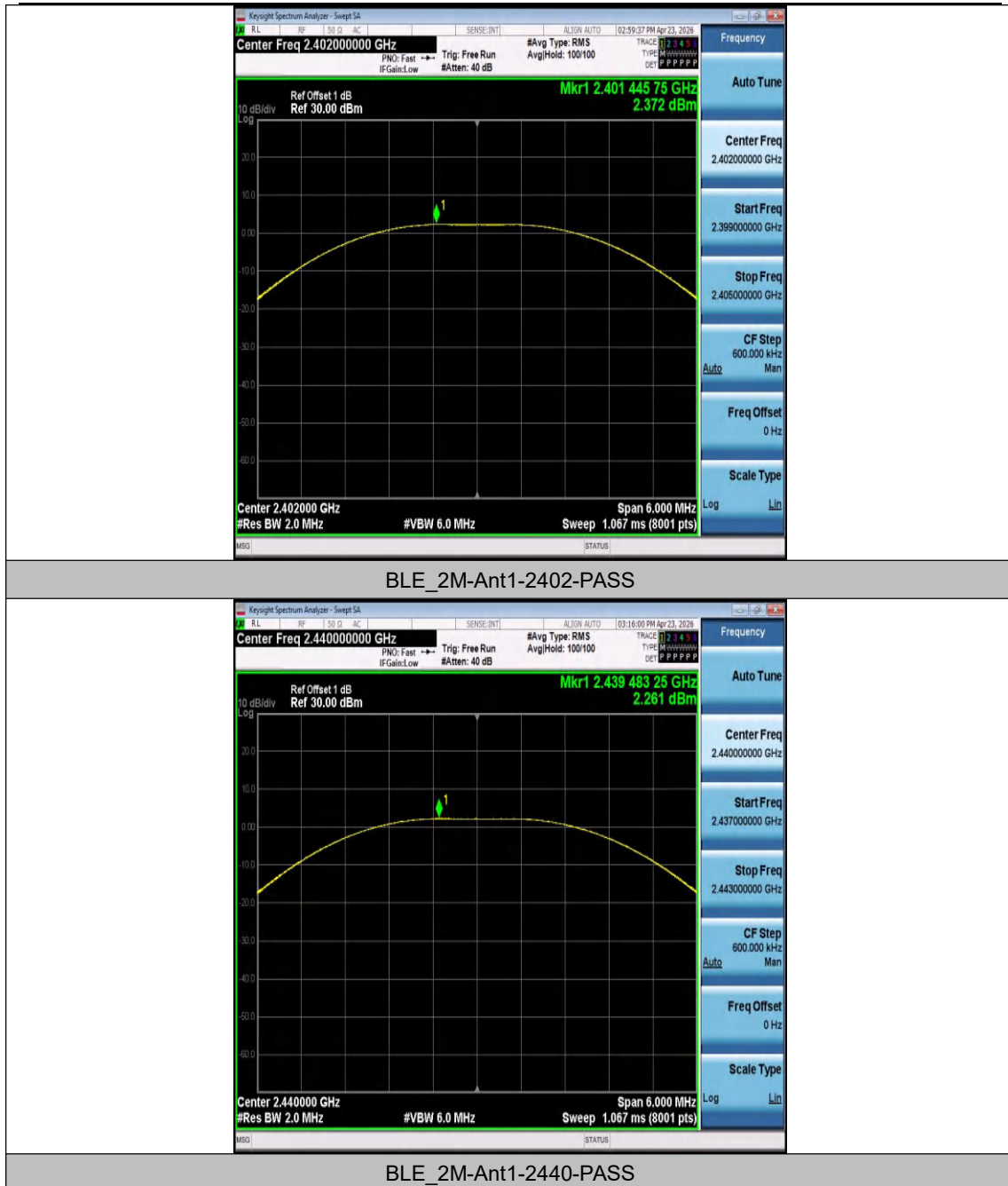




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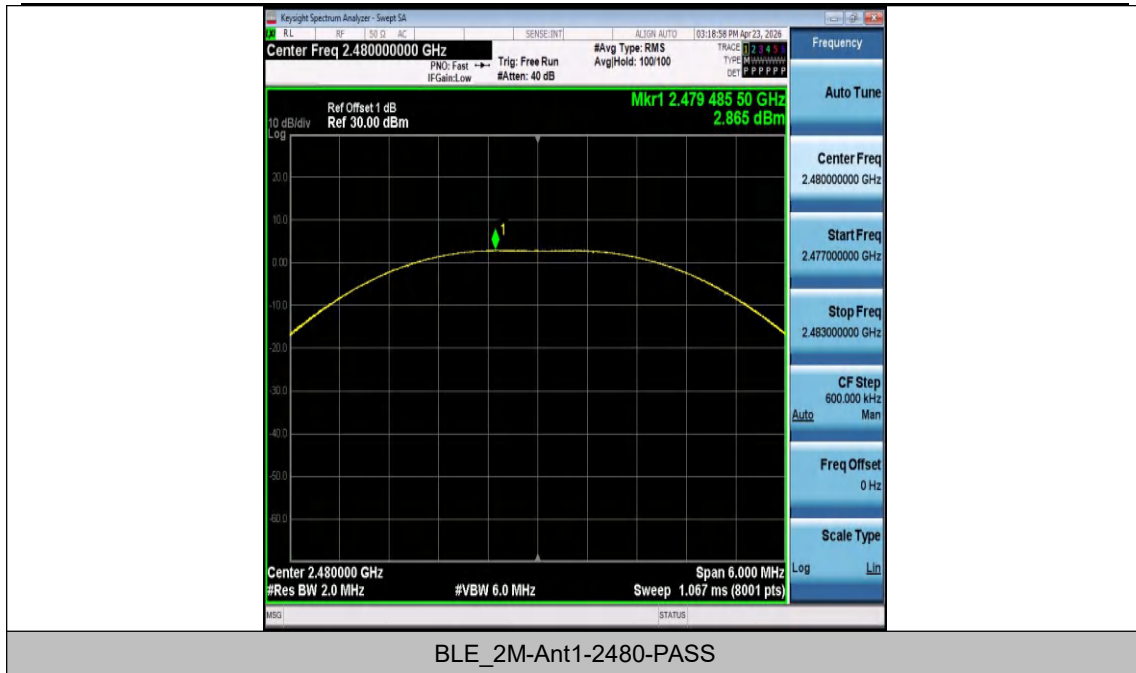
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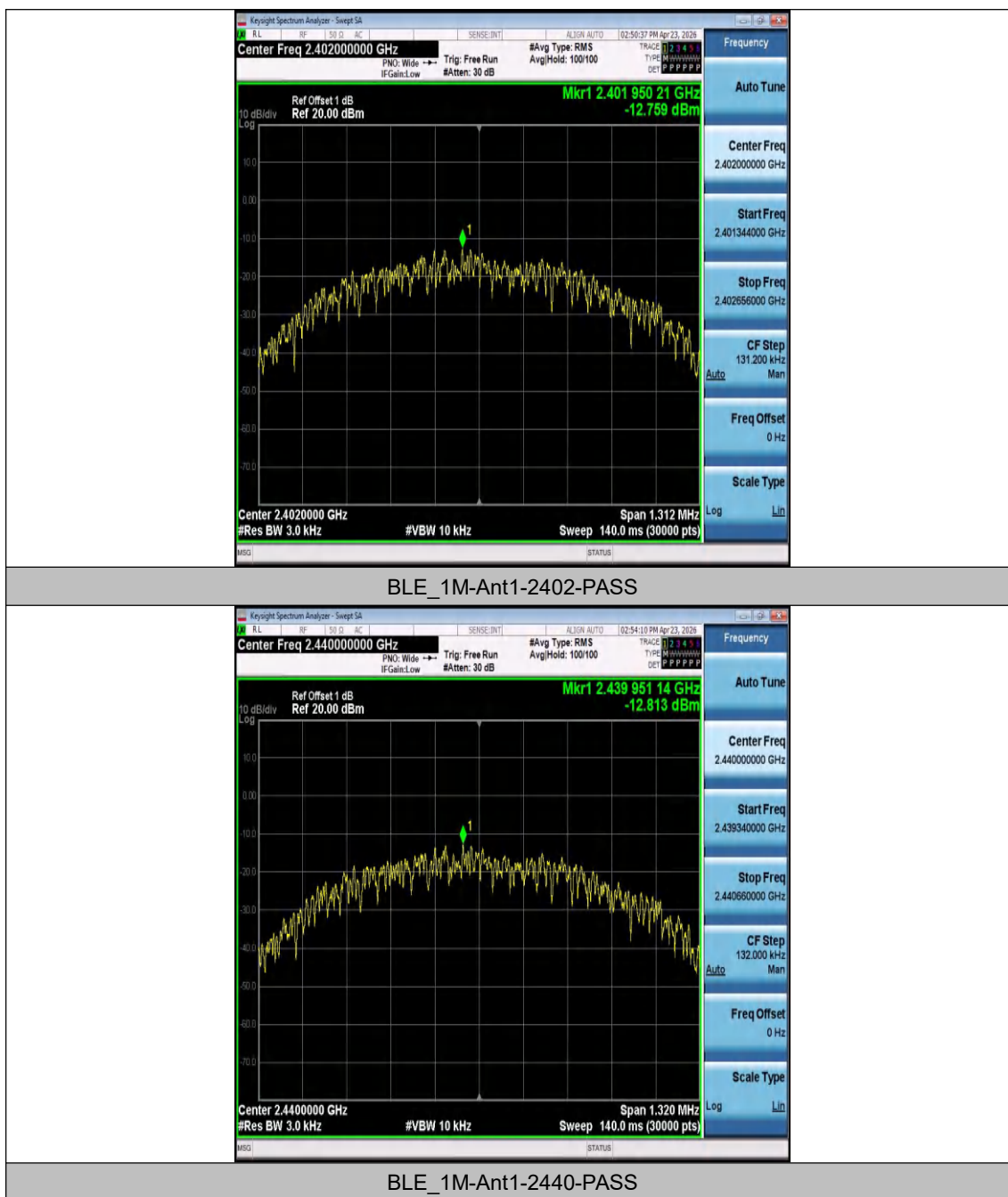
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.76	≤8.00	PASS
BLE_1M	Ant1	2440	-12.81	≤8.00	PASS
BLE_1M	Ant1	2480	-12.80	≤8.00	PASS
BLE_2M	Ant1	2402	-15.34	≤8.00	PASS
BLE_2M	Ant1	2440	-15.71	≤8.00	PASS
BLE_2M	Ant1	2480	-15.06	≤8.00	PASS

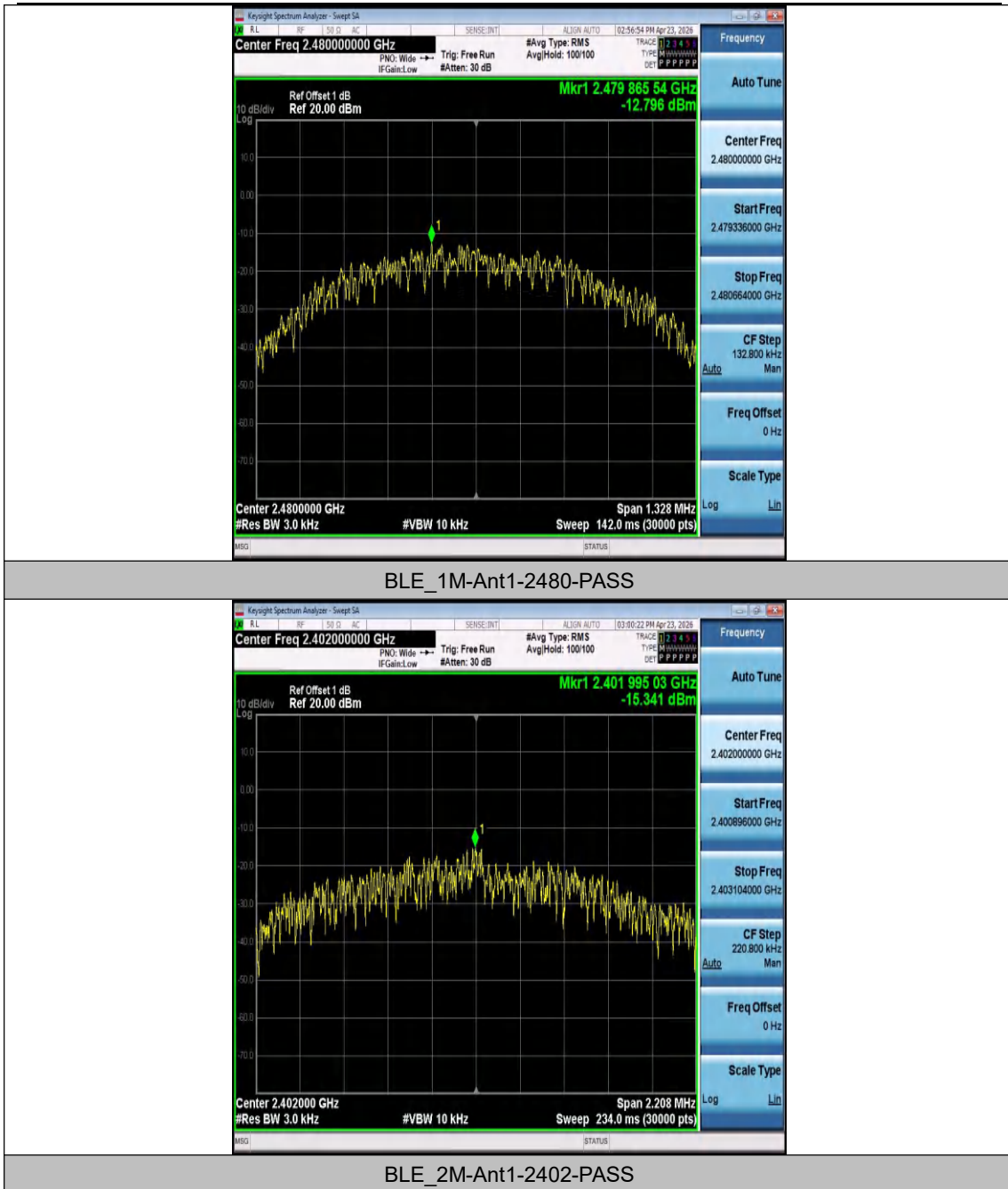
Test Graphs



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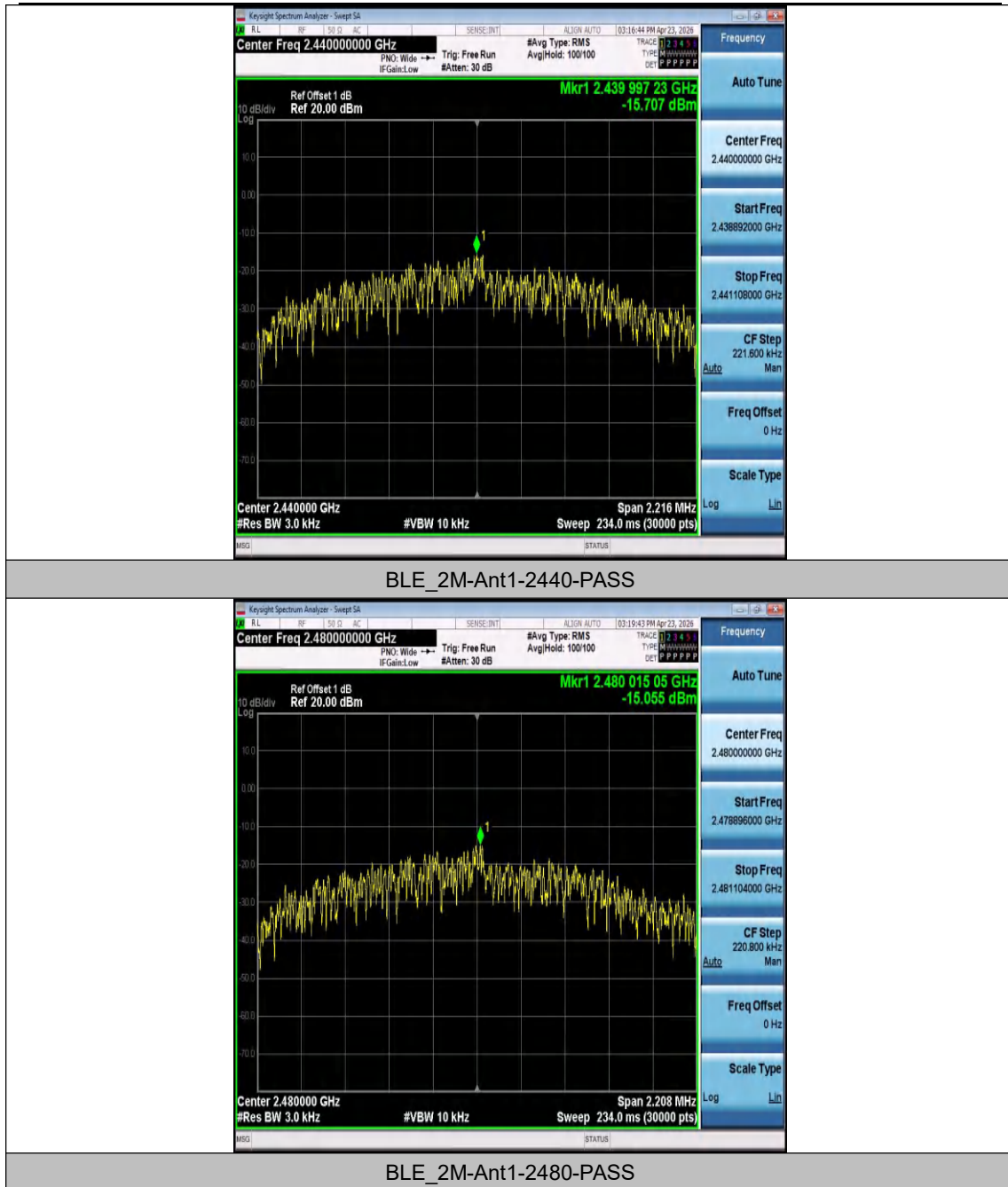
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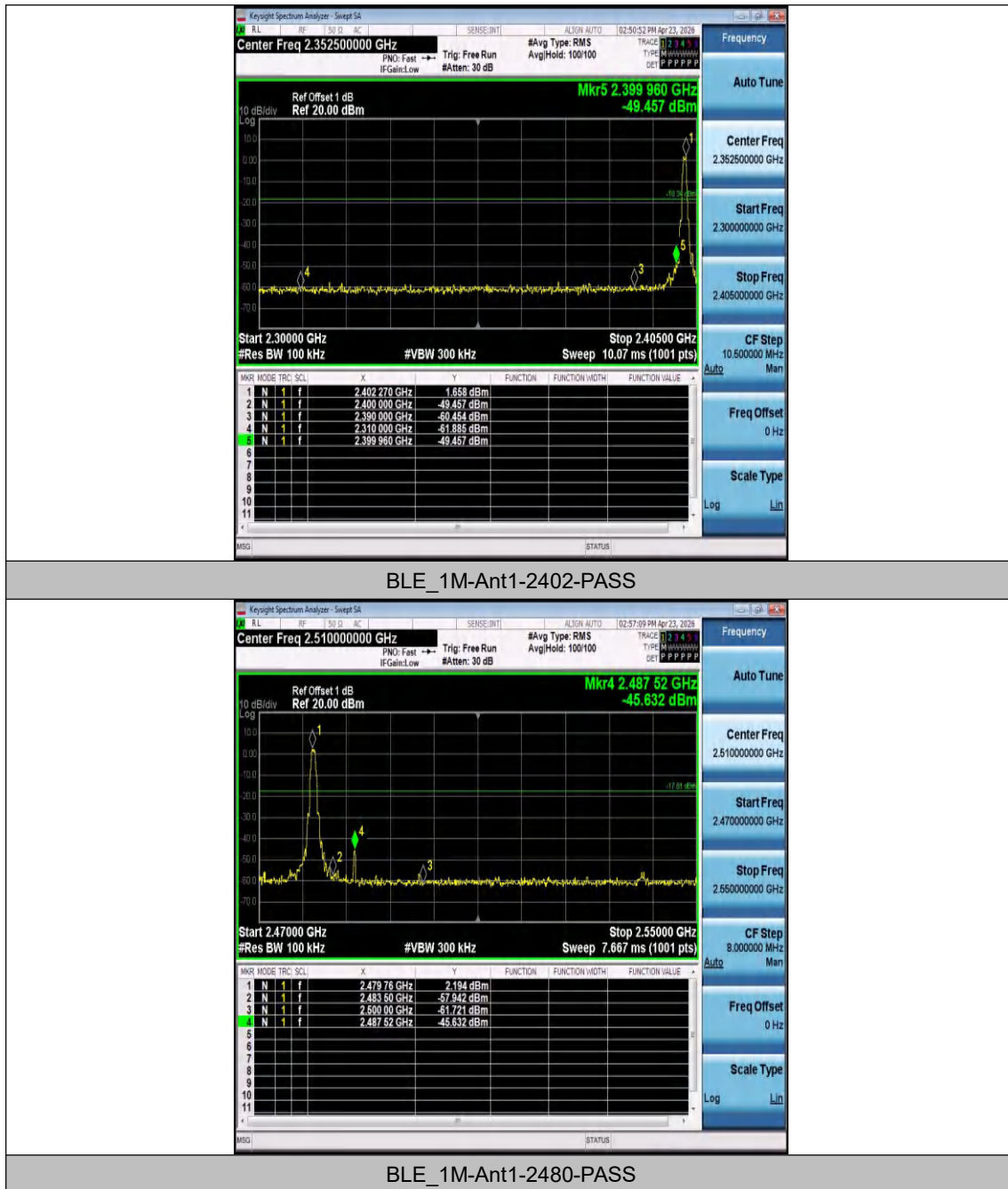
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.66	-49.46	≤ -18.34	PASS
BLE_1M	Ant1	High	2480	2.19	-45.63	≤ -17.81	PASS
BLE_2M	Ant1	Low	2402	2.39	-33.05	≤ -17.61	PASS
BLE_2M	Ant1	High	2480	2.79	-45.12	≤ -17.21	PASS

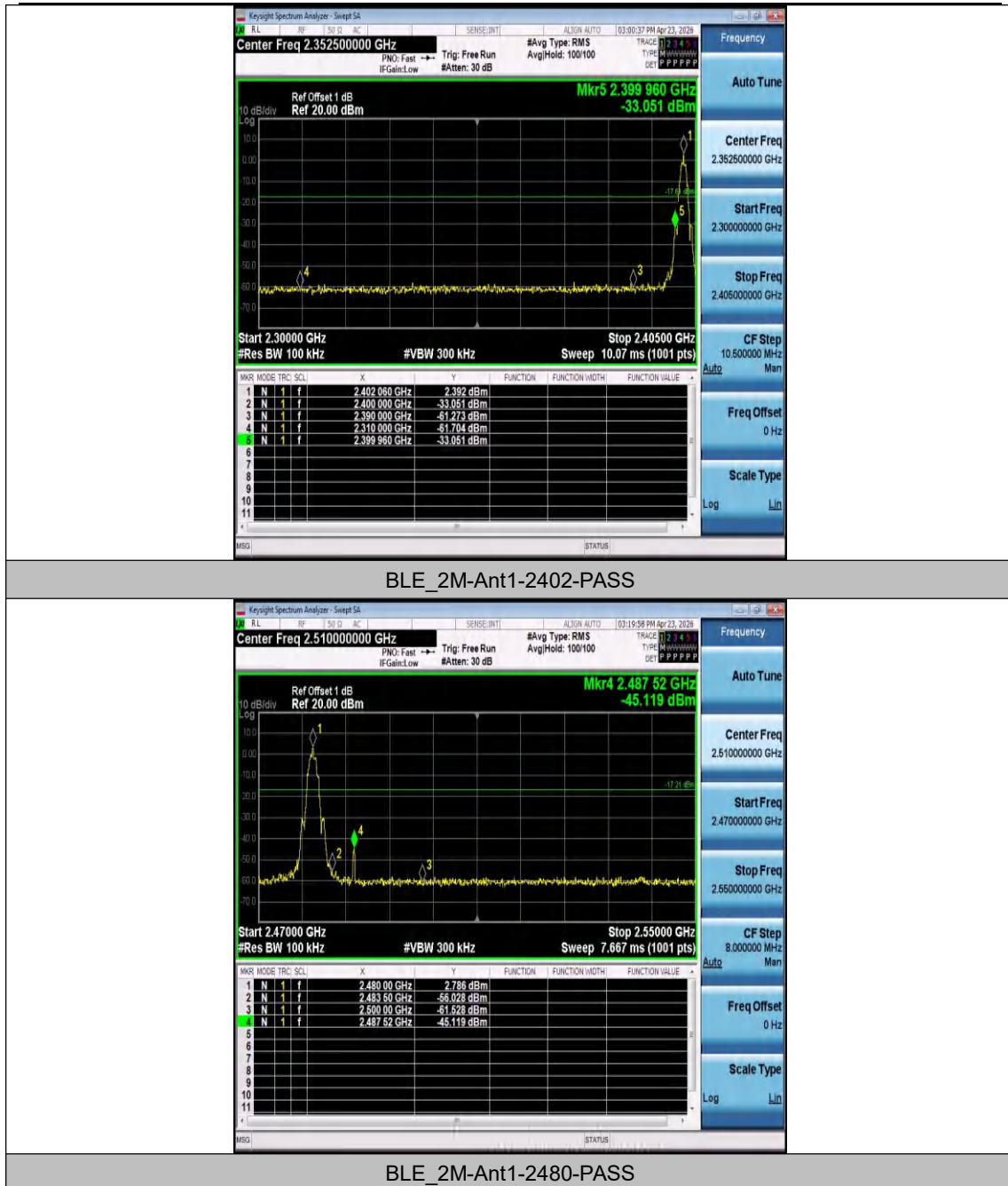
Test Graphs



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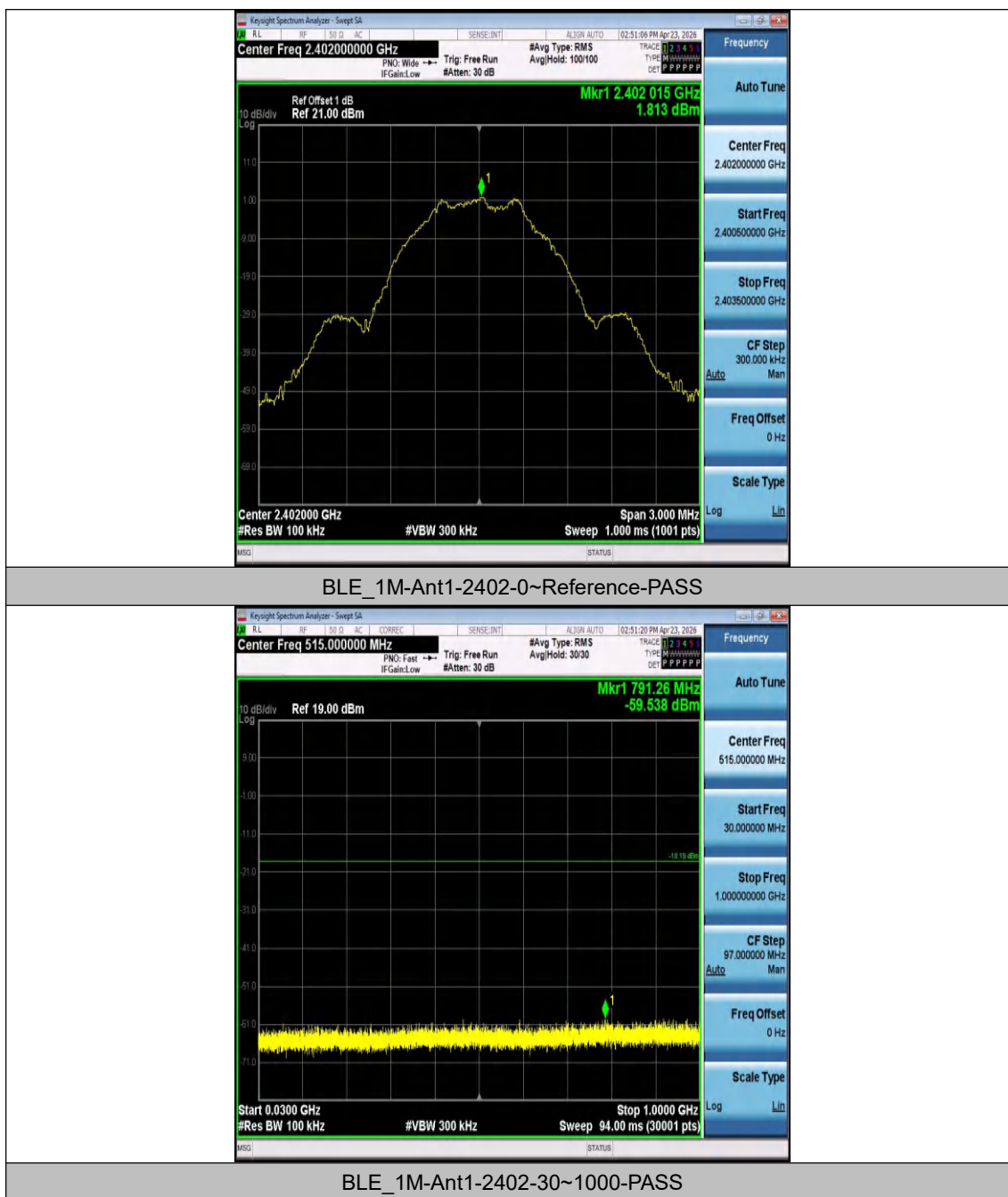
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.81	1.81	---	PASS
BLE_1M	Ant1	2402	30~1000	1.81	-59.54	≤-18.19	PASS
BLE_1M	Ant1	2402	1000~26500	1.81	-48.38	≤-18.19	PASS
BLE_1M	Ant1	2440	0~Reference	2.24	2.24	---	PASS
BLE_1M	Ant1	2440	30~1000	2.24	-58.86	≤-17.76	PASS
BLE_1M	Ant1	2440	1000~26500	2.24	-48.69	≤-17.76	PASS
BLE_1M	Ant1	2480	0~Reference	2.52	2.52	---	PASS
BLE_1M	Ant1	2480	30~1000	2.52	-59	≤-17.48	PASS
BLE_1M	Ant1	2480	1000~26500	2.52	-48.32	≤-17.48	PASS
BLE_2M	Ant1	2402	0~Reference	1.88	1.88	---	PASS
BLE_2M	Ant1	2402	30~1000	1.88	-57.92	≤-18.12	PASS
BLE_2M	Ant1	2402	1000~26500	1.88	-47.57	≤-18.12	PASS
BLE_2M	Ant1	2440	0~Reference	2.00	2.00	---	PASS
BLE_2M	Ant1	2440	30~1000	2.00	-59.28	≤-18	PASS
BLE_2M	Ant1	2440	1000~26500	2.00	-48.93	≤-18	PASS
BLE_2M	Ant1	2480	0~Reference	2.65	2.65	---	PASS
BLE_2M	Ant1	2480	30~1000	2.65	-59.42	≤-17.35	PASS
BLE_2M	Ant1	2480	1000~26500	2.65	-48.23	≤-17.35	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.

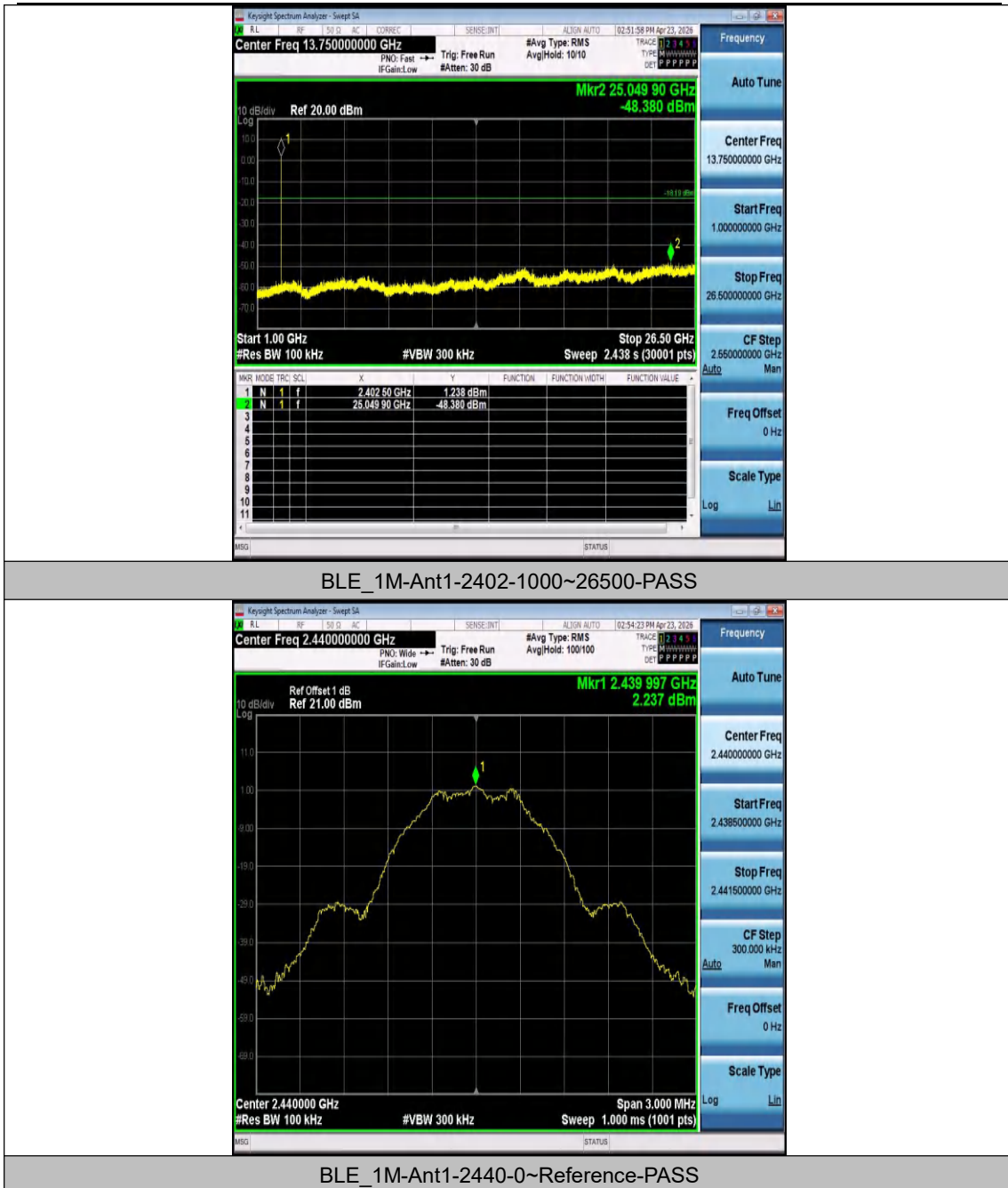
Test Graphs



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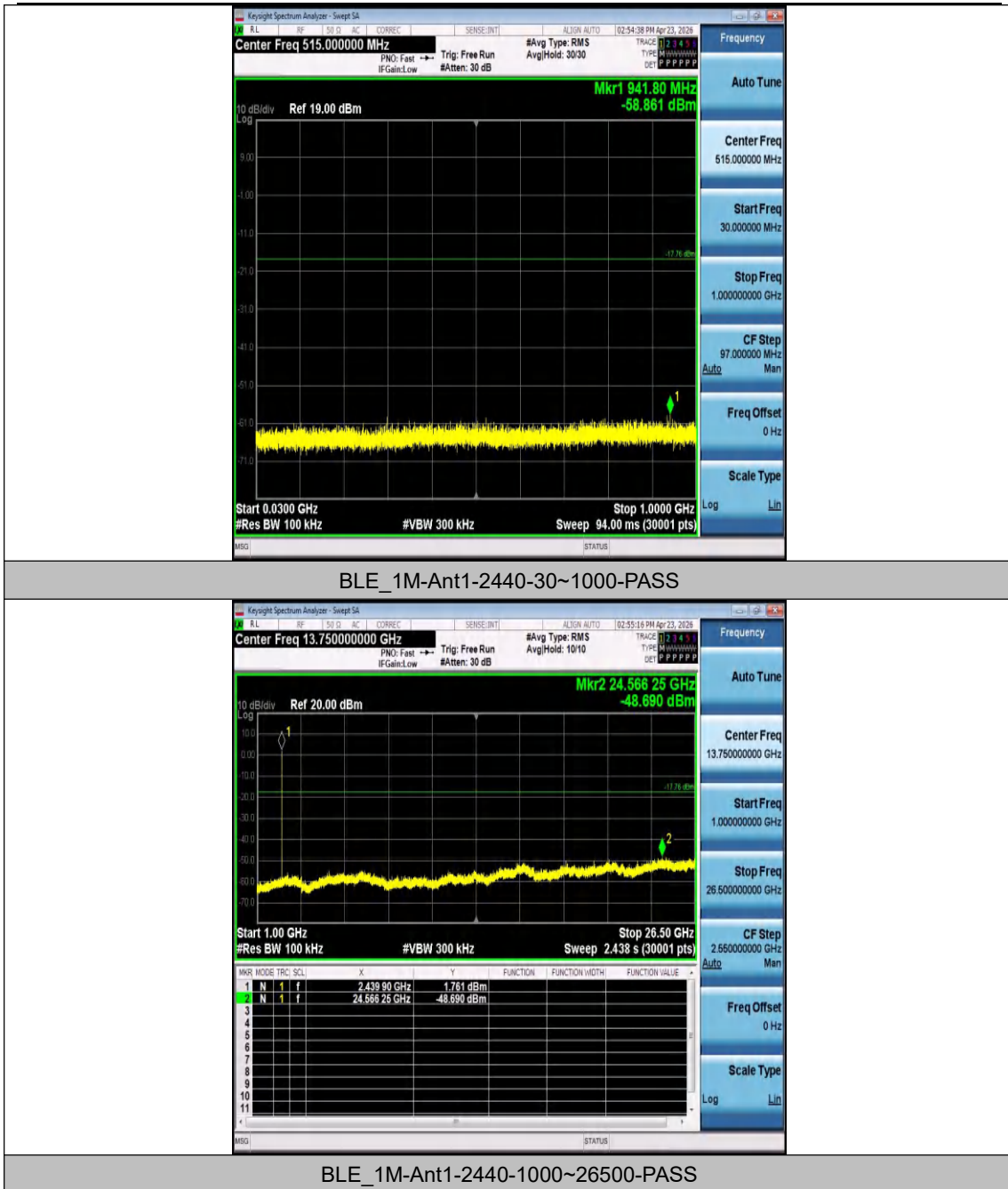
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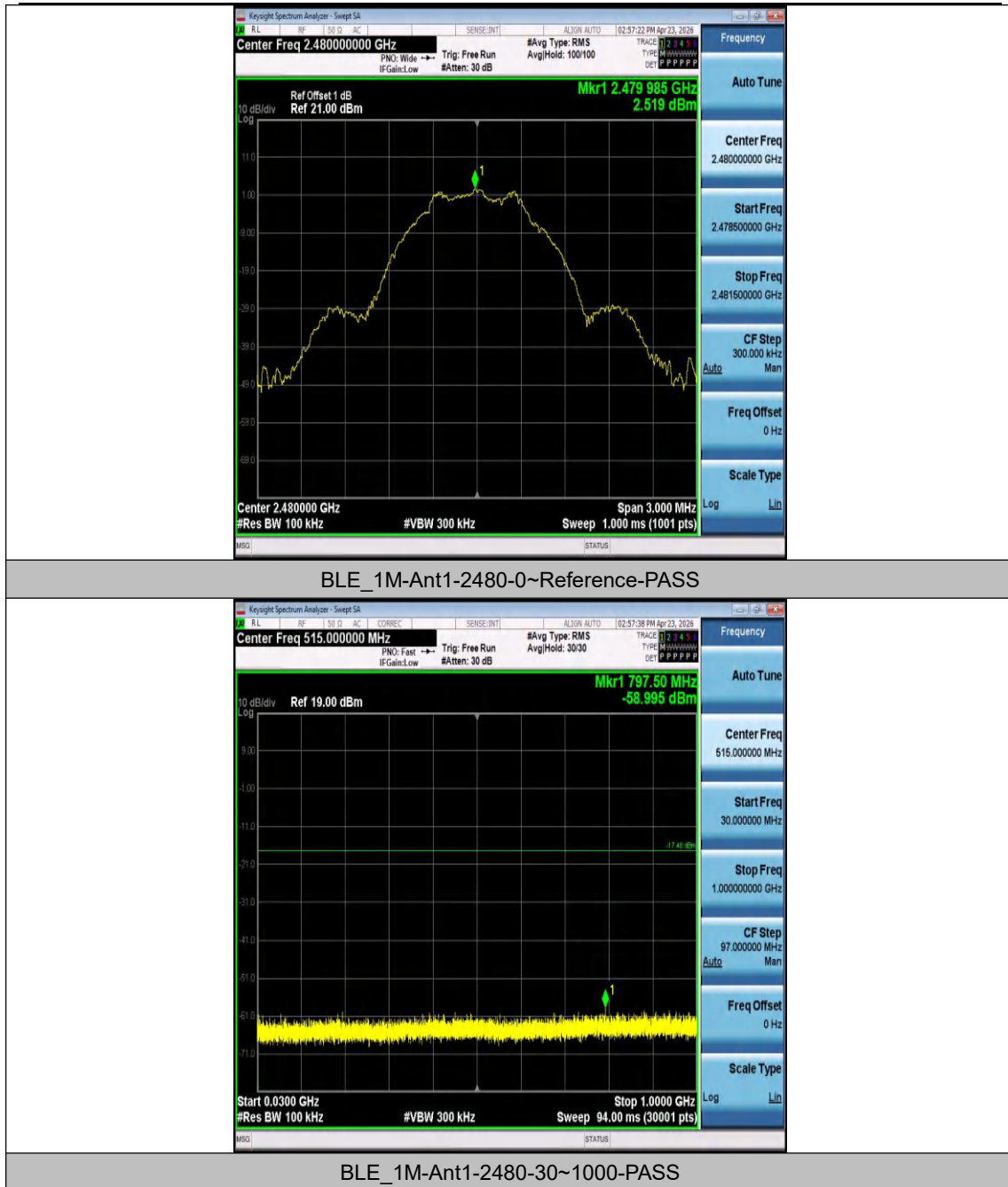
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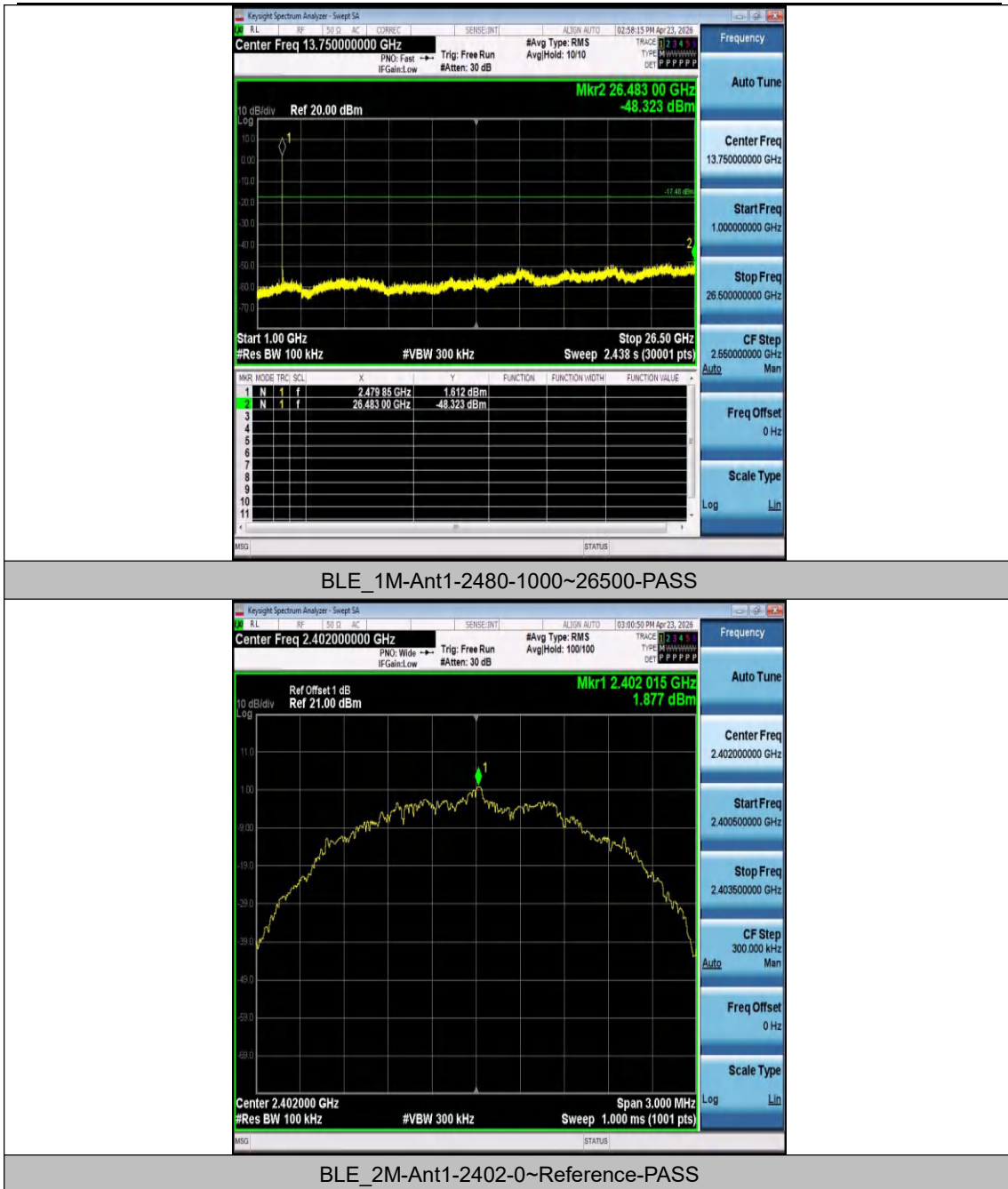
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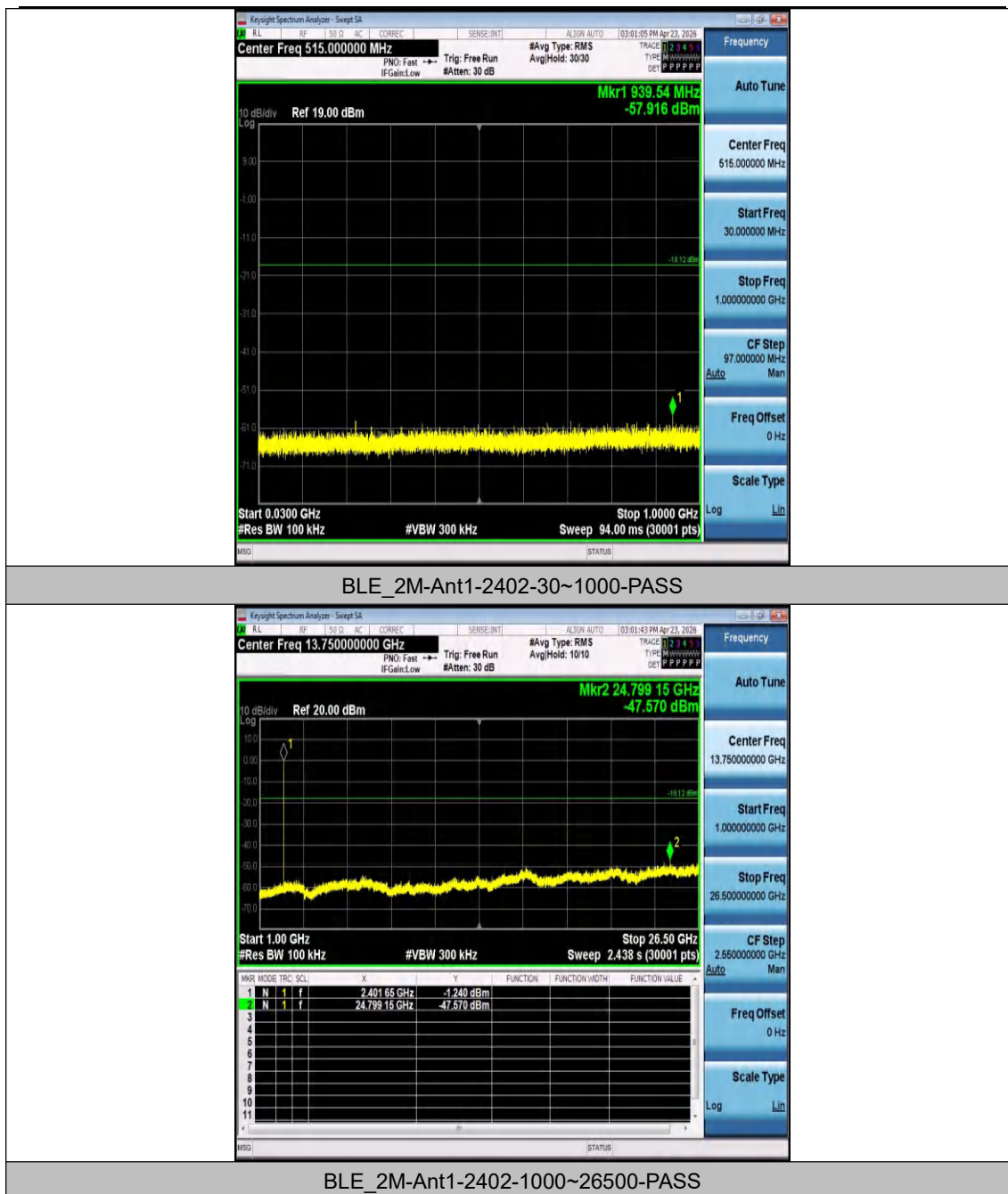
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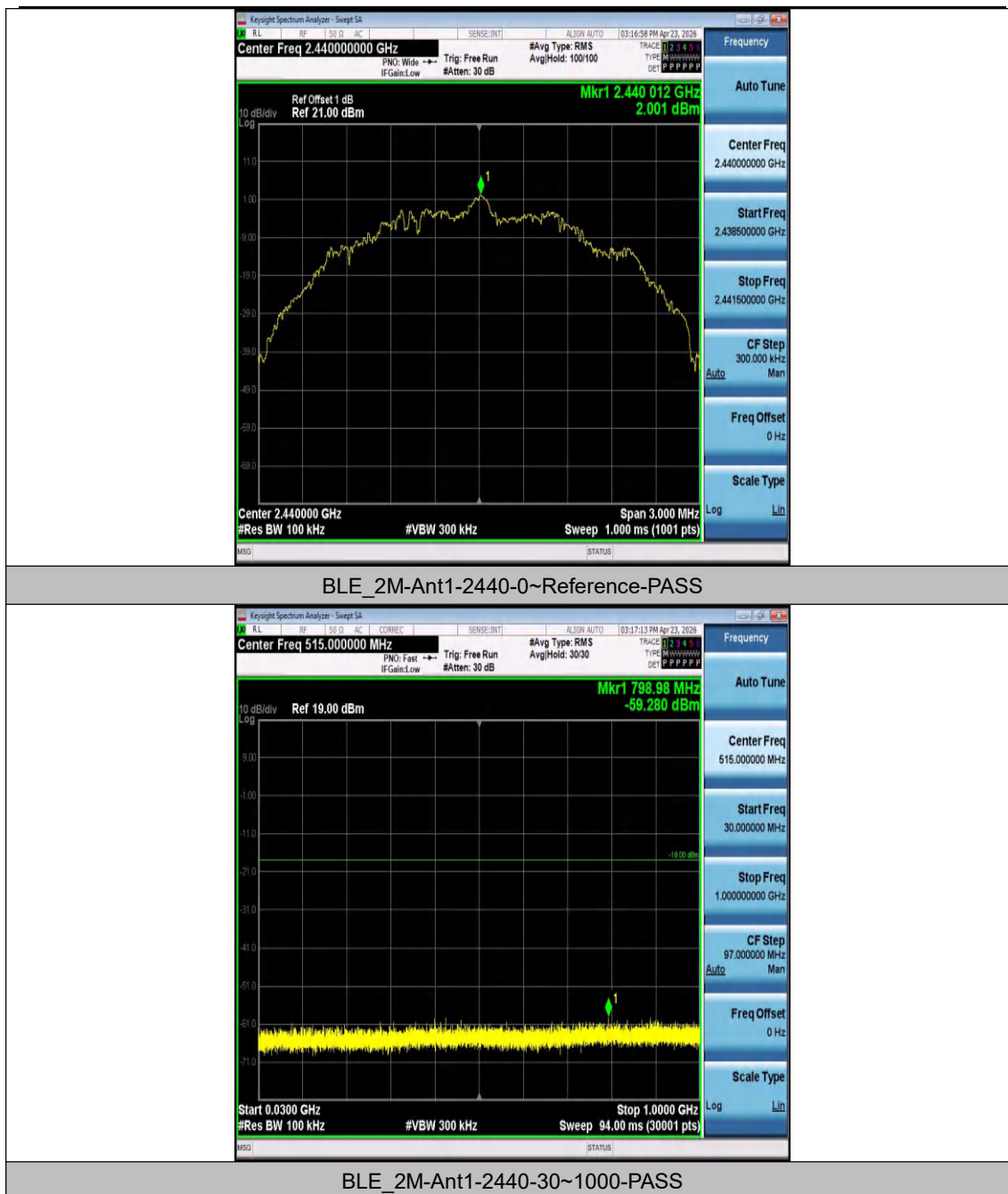
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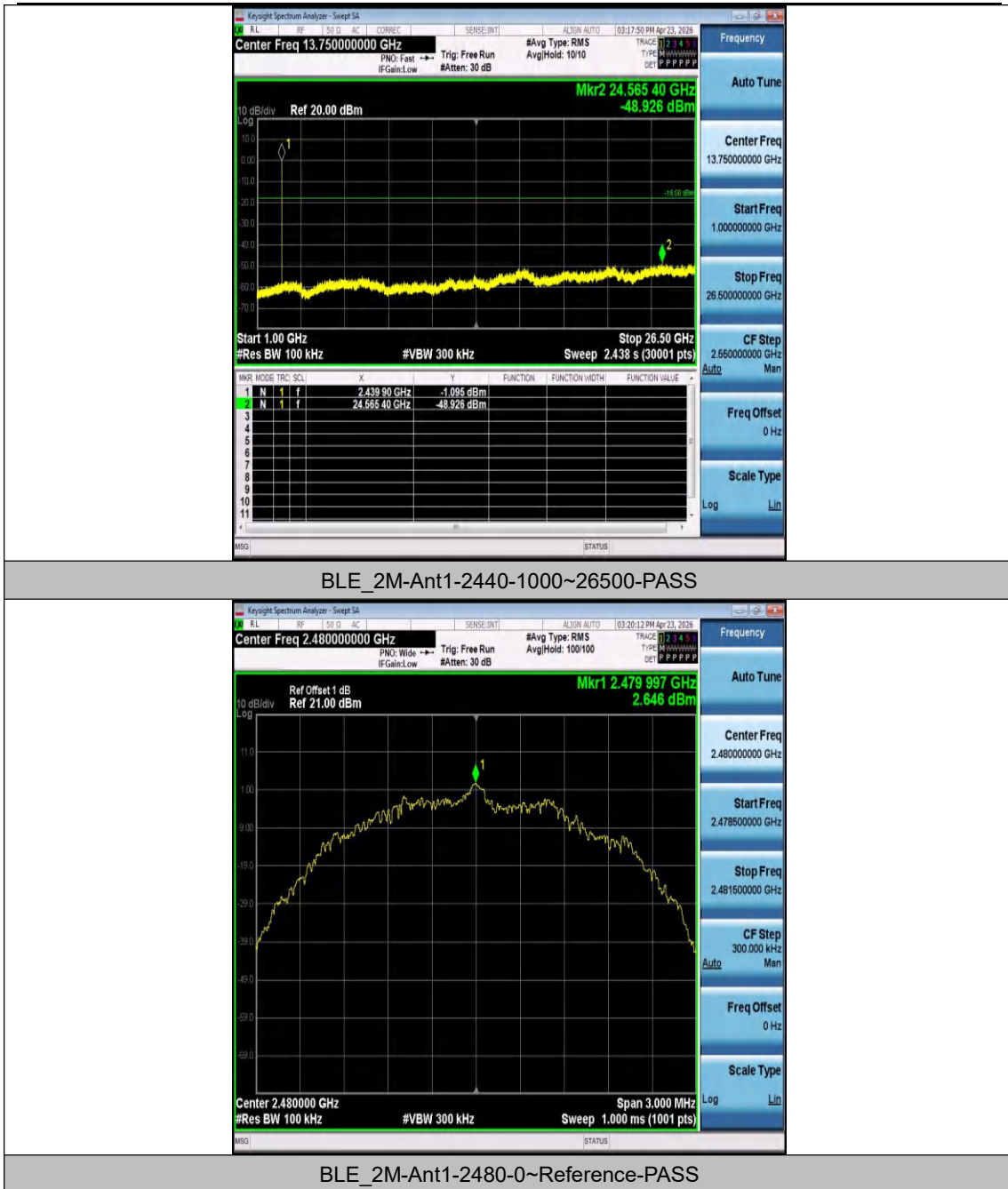
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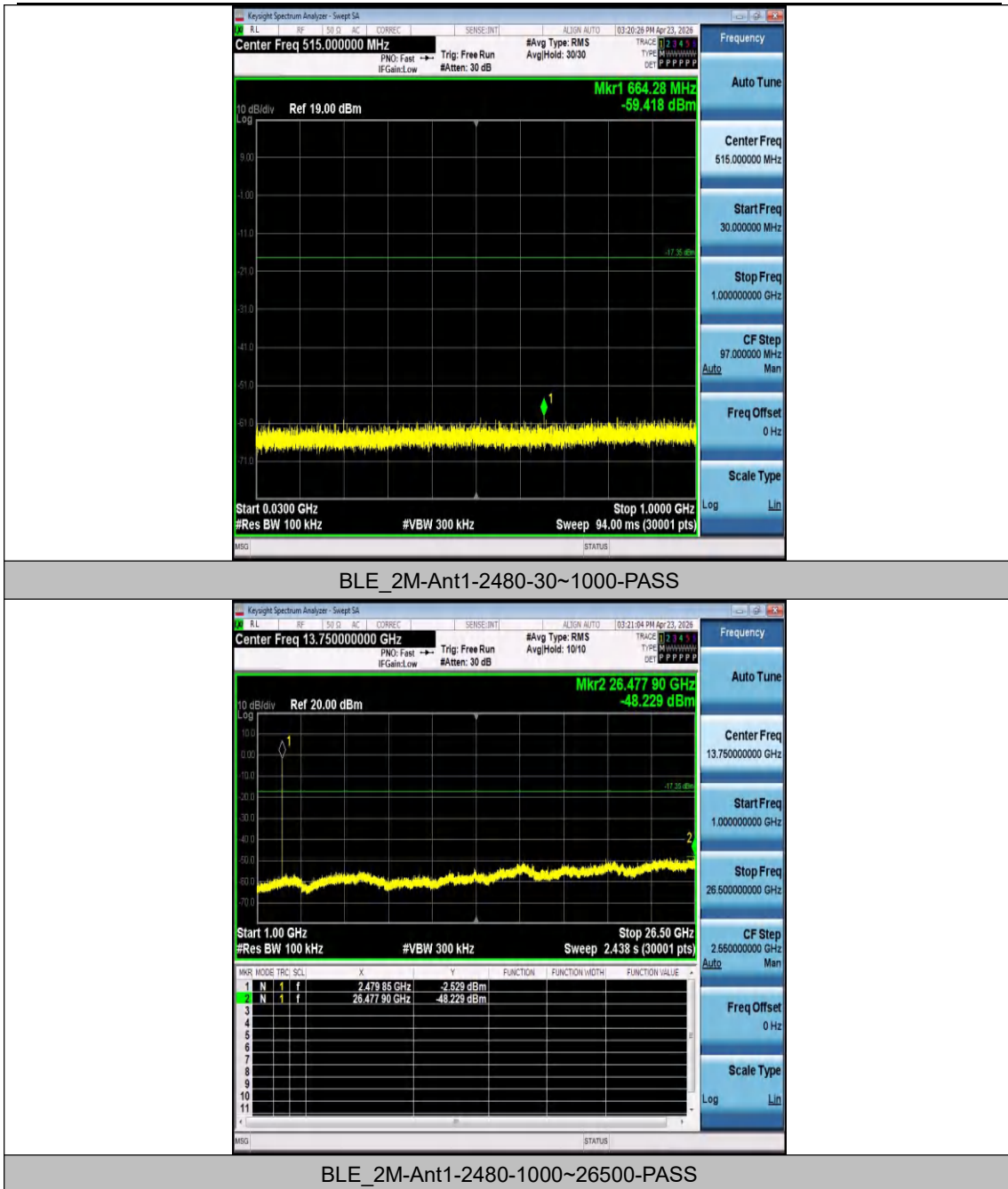
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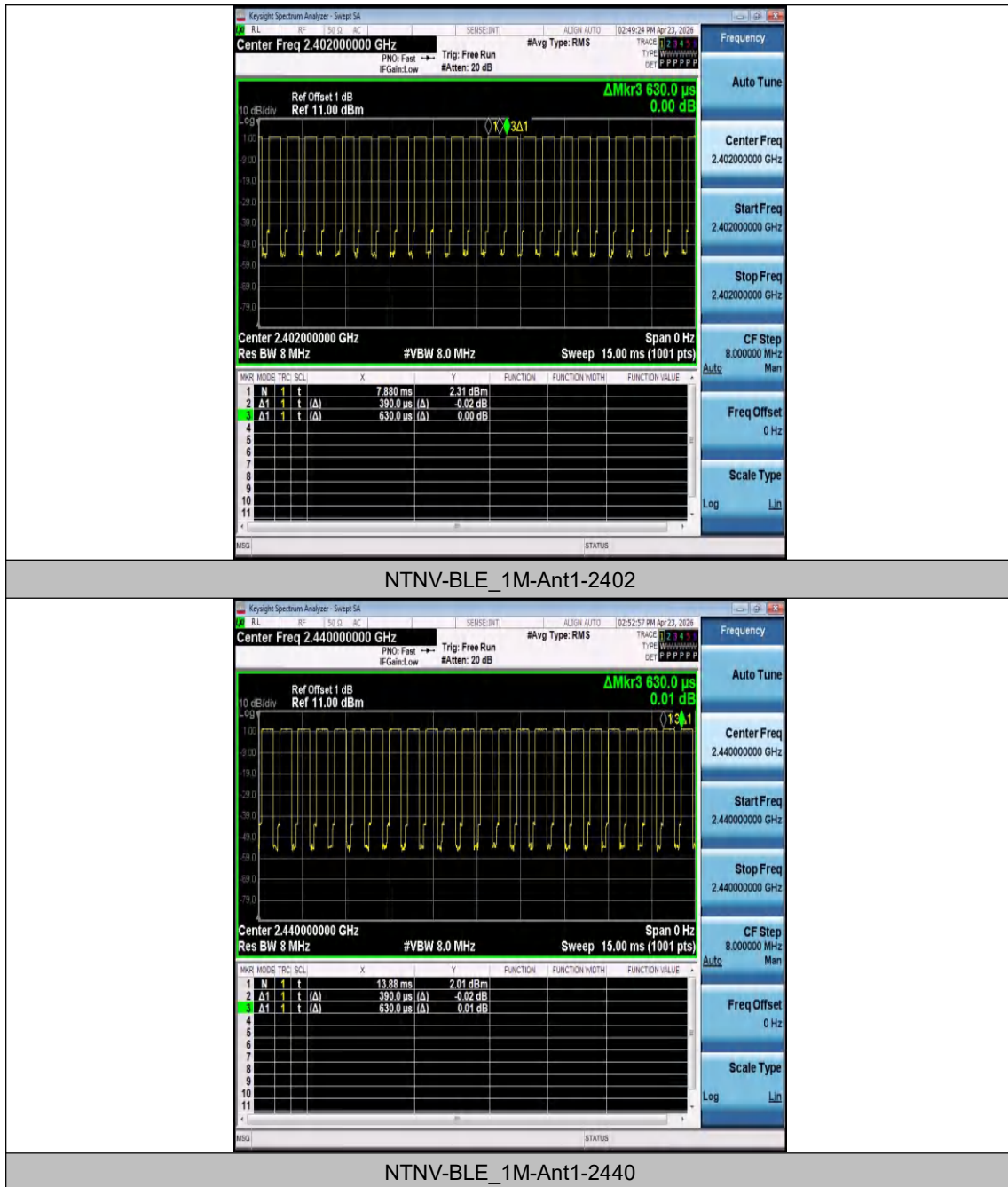
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Appendix G: Duty Cycle

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	0.19	0.61	31.15	5.07
BLE_2M	Ant1	2440	0.19	0.61	31.15	5.07
BLE_2M	Ant1	2480	0.20	0.62	32.26	4.91

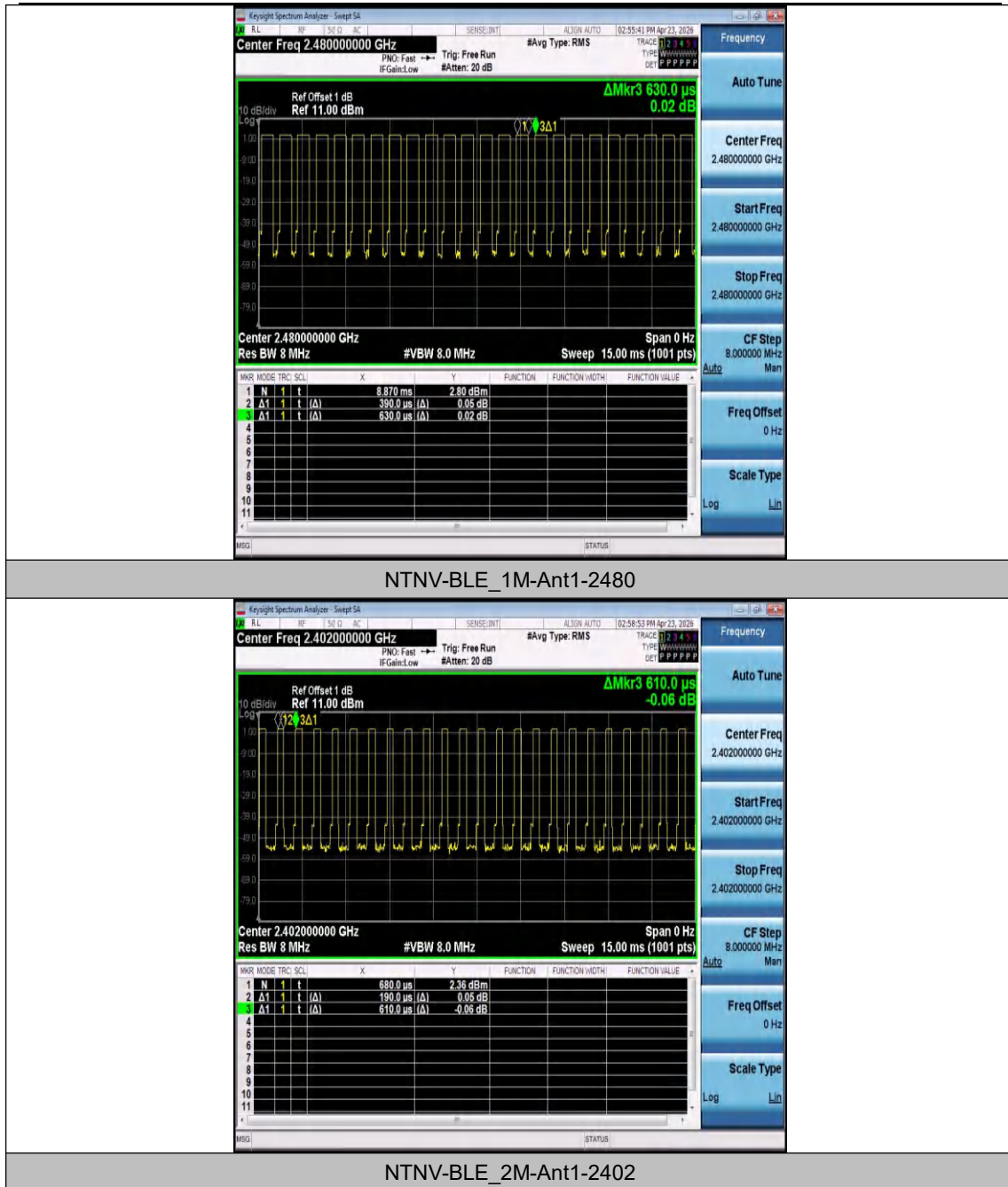
Test Graphs



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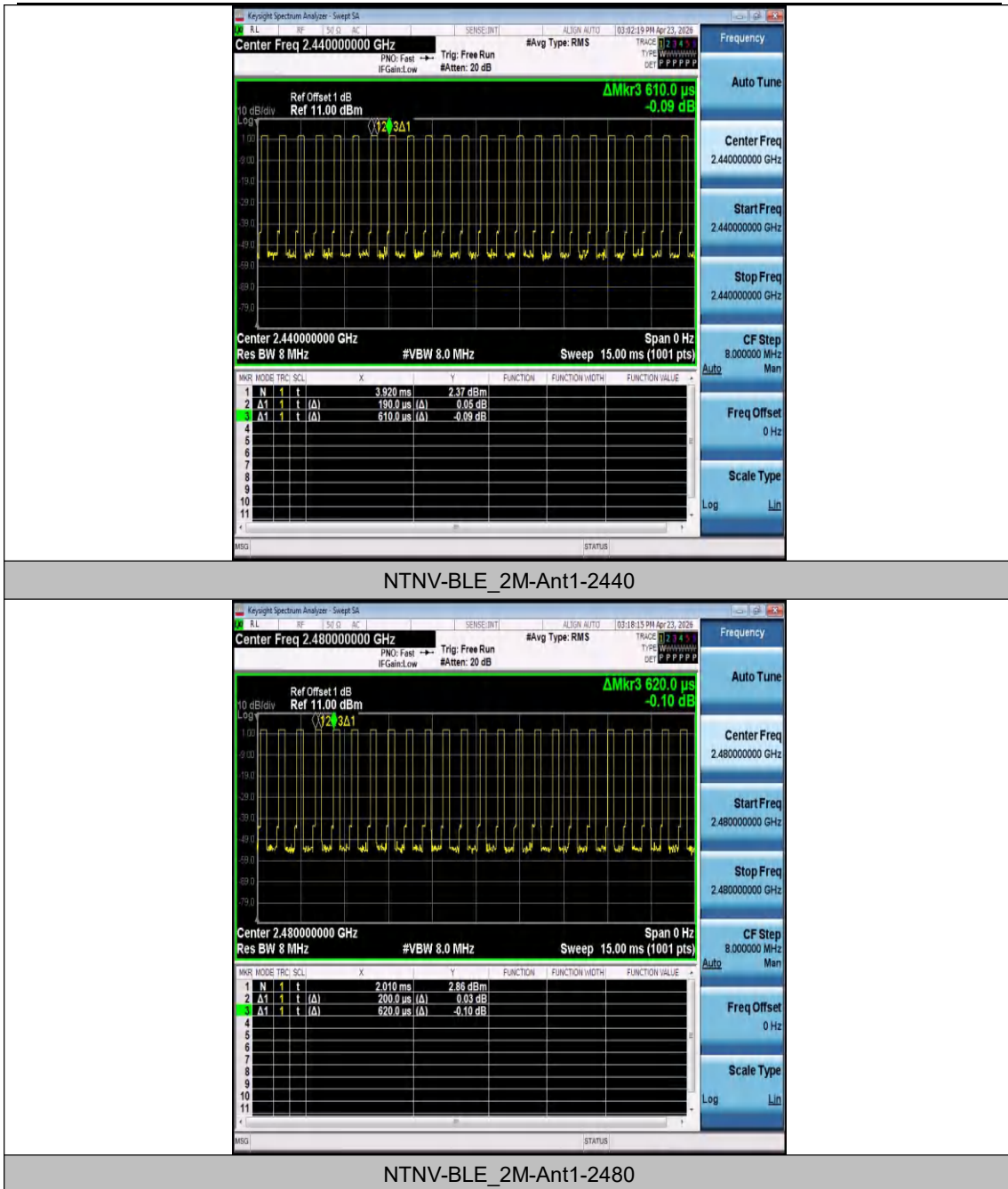
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