

Appendix Test Data

Report No.:	1812C60123012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-6	Finish Test Date:	2026-3-11
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	55%
Pressure:	101kPa		

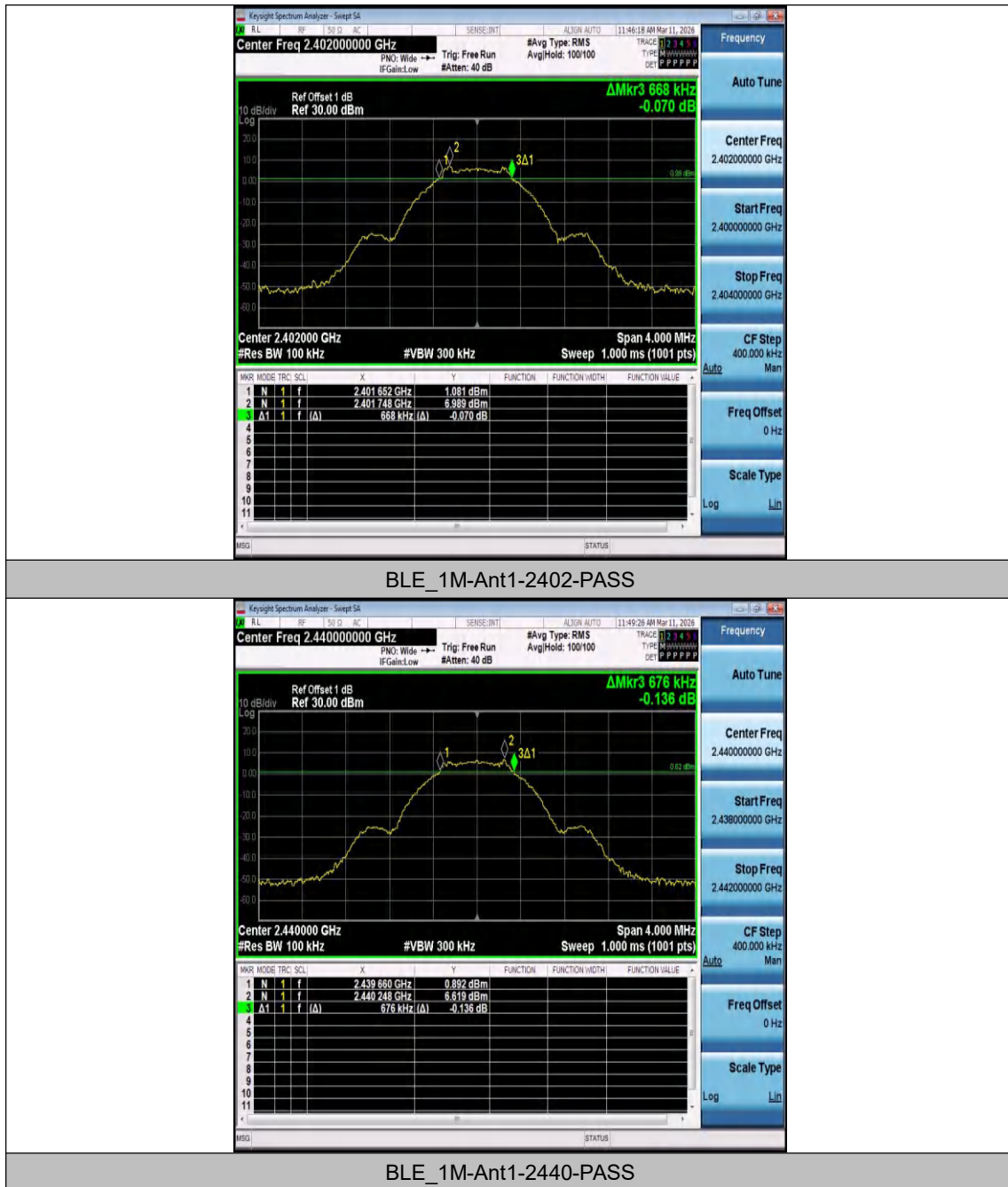


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.652	2402.320	0.5	PASS
BLE_1M	Ant1	2440	0.676	2439.660	2440.336	0.5	PASS
BLE_1M	Ant1	2480	0.676	2479.648	2480.324	0.5	PASS
BLE_2M	Ant1	2402	1.260	2401.340	2402.600	0.5	PASS
BLE_2M	Ant1	2440	1.396	2439.300	2440.696	0.5	PASS
BLE_2M	Ant1	2480	1.312	2479.388	2480.700	0.5	PASS

Test Graphs

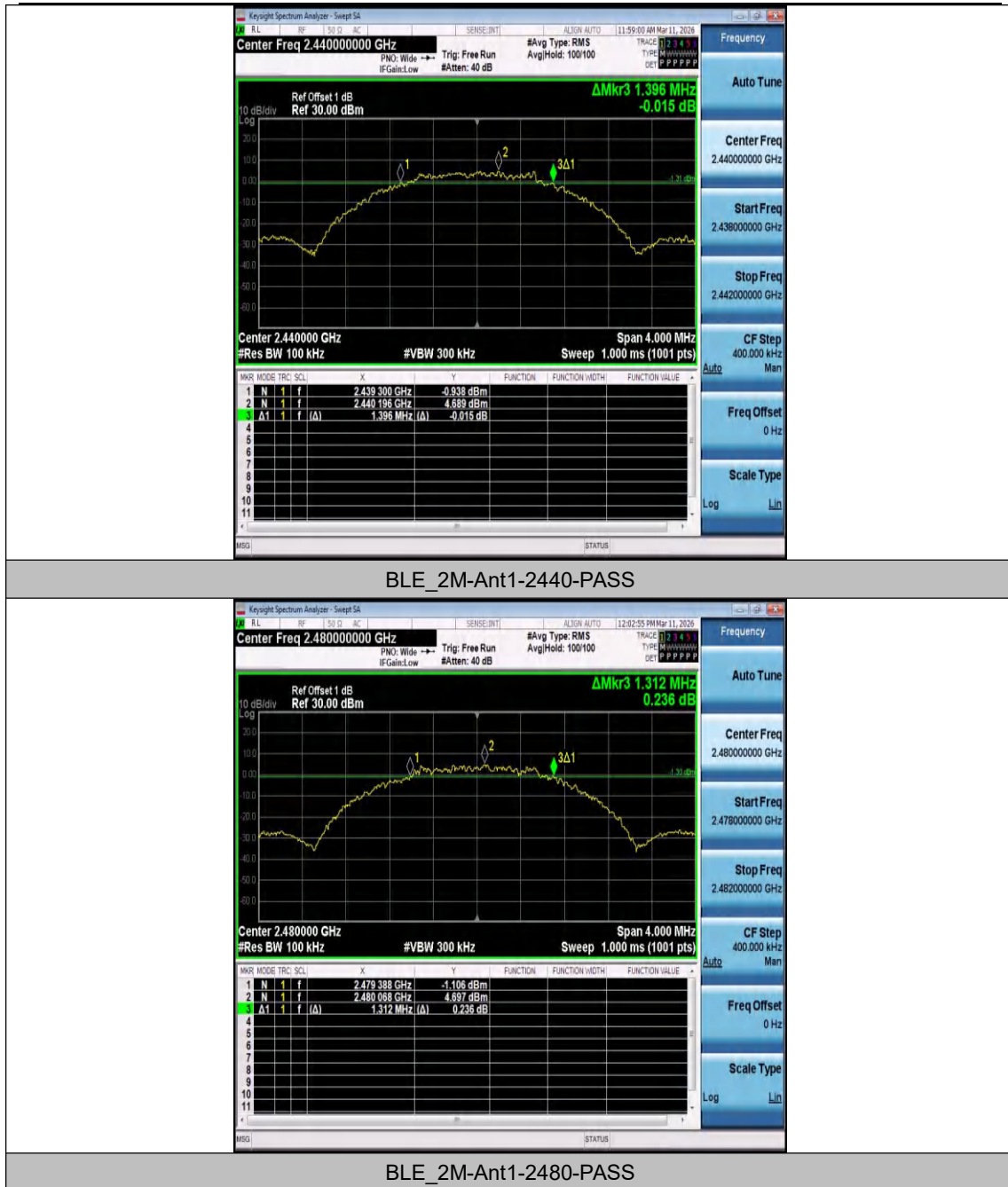


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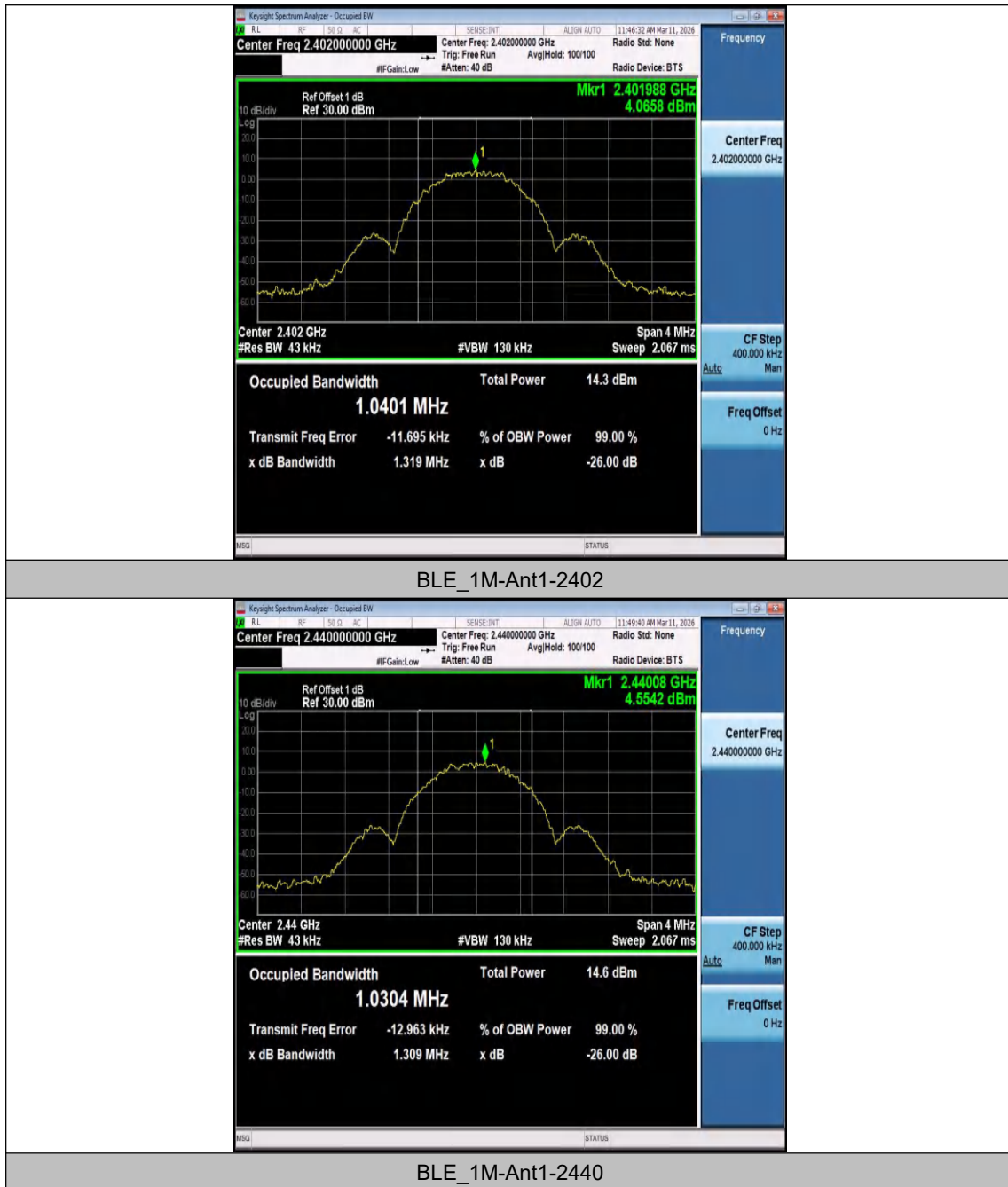
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0401	2401.4683	2402.5084	---	---
BLE_1M	Ant1	2440	1.0304	2439.4718	2440.5022	---	---
BLE_1M	Ant1	2480	1.0135	2479.4755	2480.4890	---	---
BLE_2M	Ant1	2402	2.0494	2400.9588	2403.0082	---	---
BLE_2M	Ant1	2440	2.0465	2438.9648	2441.0113	---	---
BLE_2M	Ant1	2480	2.0624	2478.9560	2481.0184	---	---

Test Graphs



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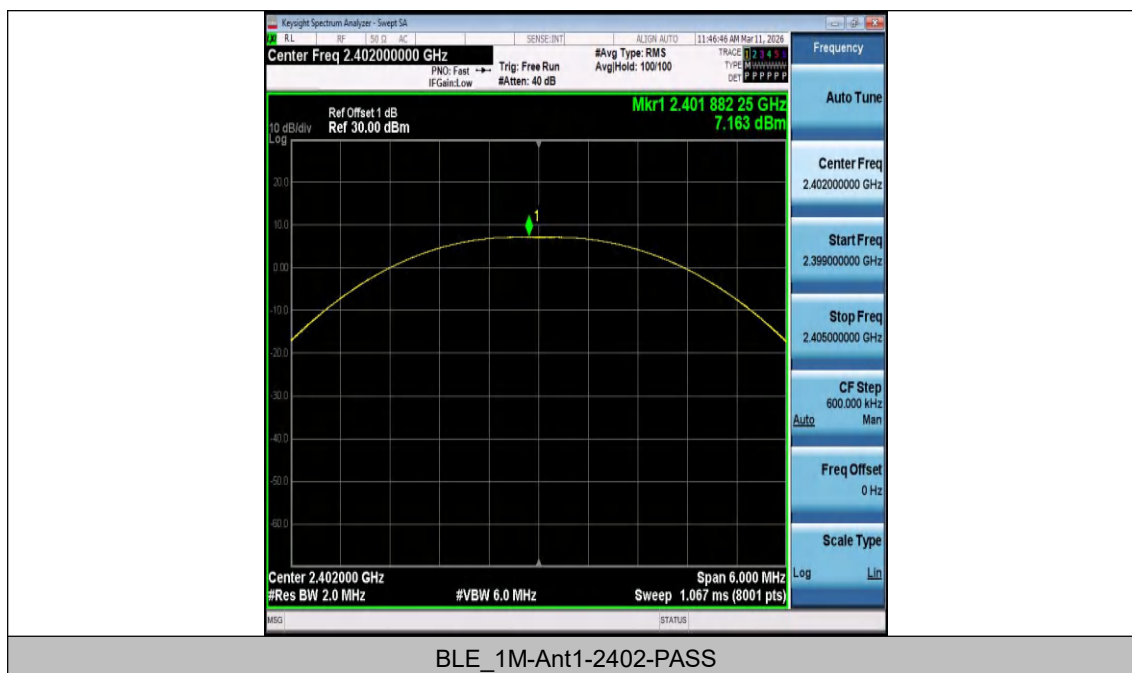
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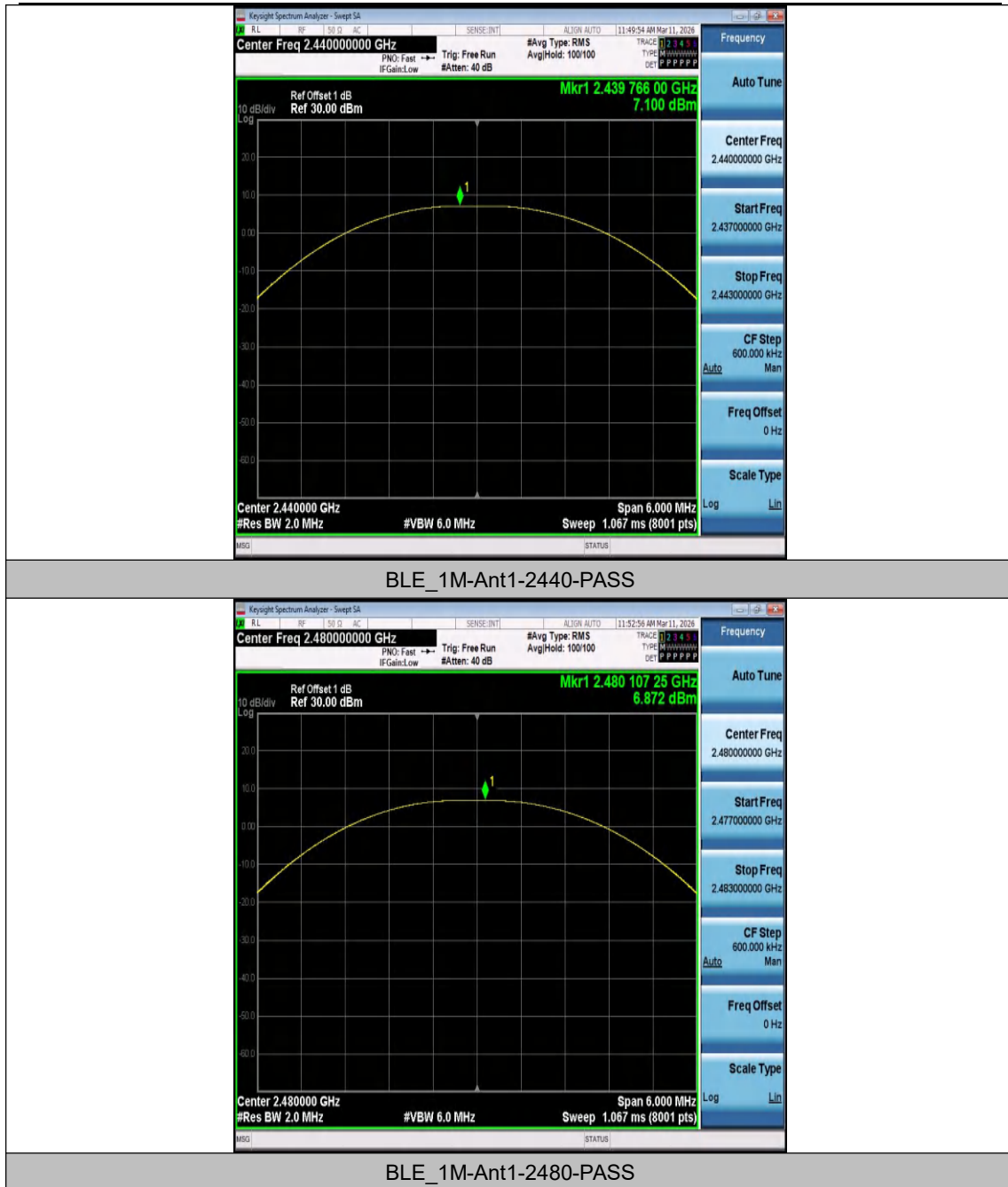
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.16	≤30	PASS
BLE_1M	Ant1	2440	7.10	≤30	PASS
BLE_1M	Ant1	2480	6.87	≤30	PASS
BLE_2M	Ant1	2402	7.06	≤30	PASS
BLE_2M	Ant1	2440	7.02	≤30	PASS
BLE_2M	Ant1	2480	6.79	≤30	PASS

Test Graphs Peak

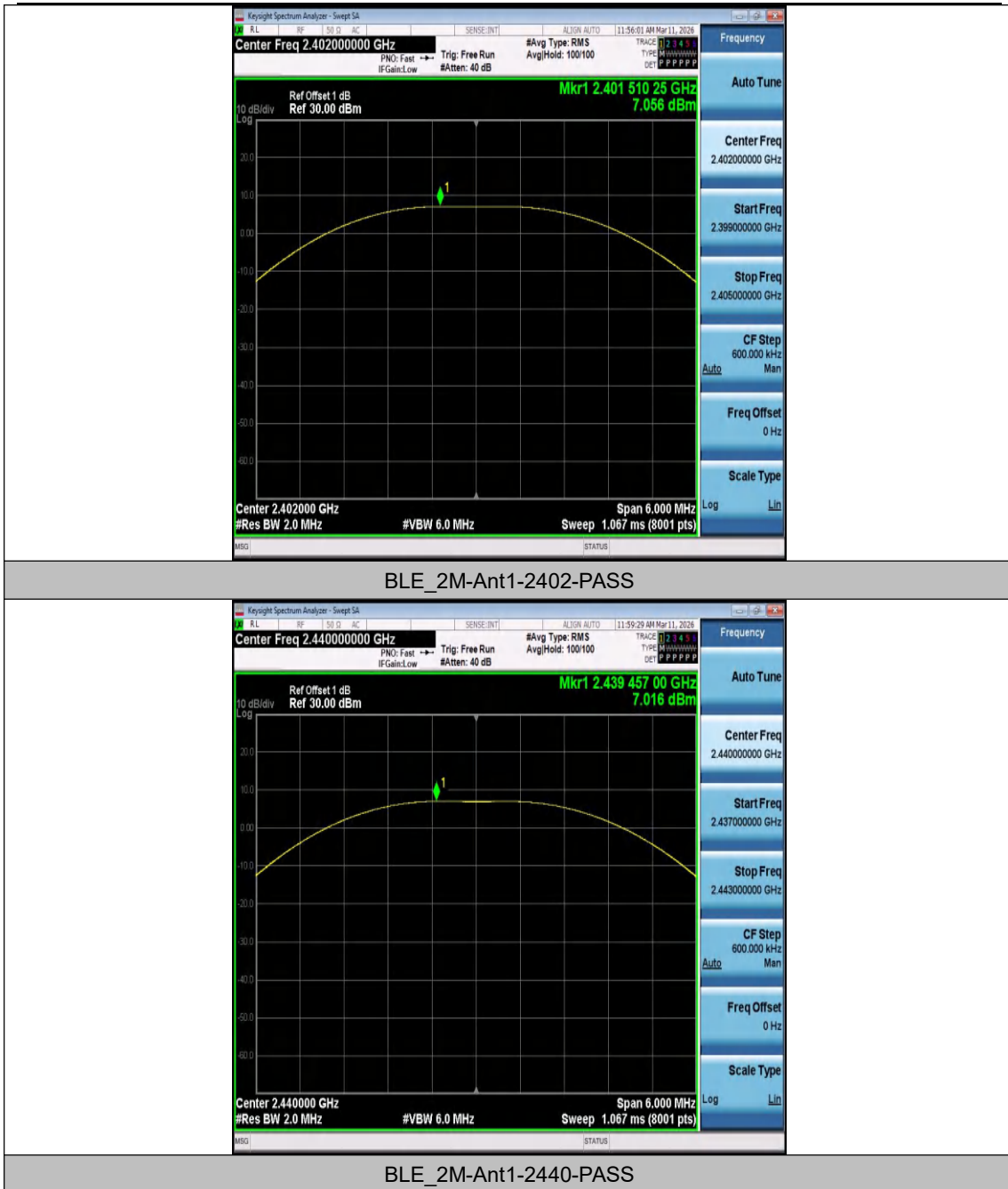




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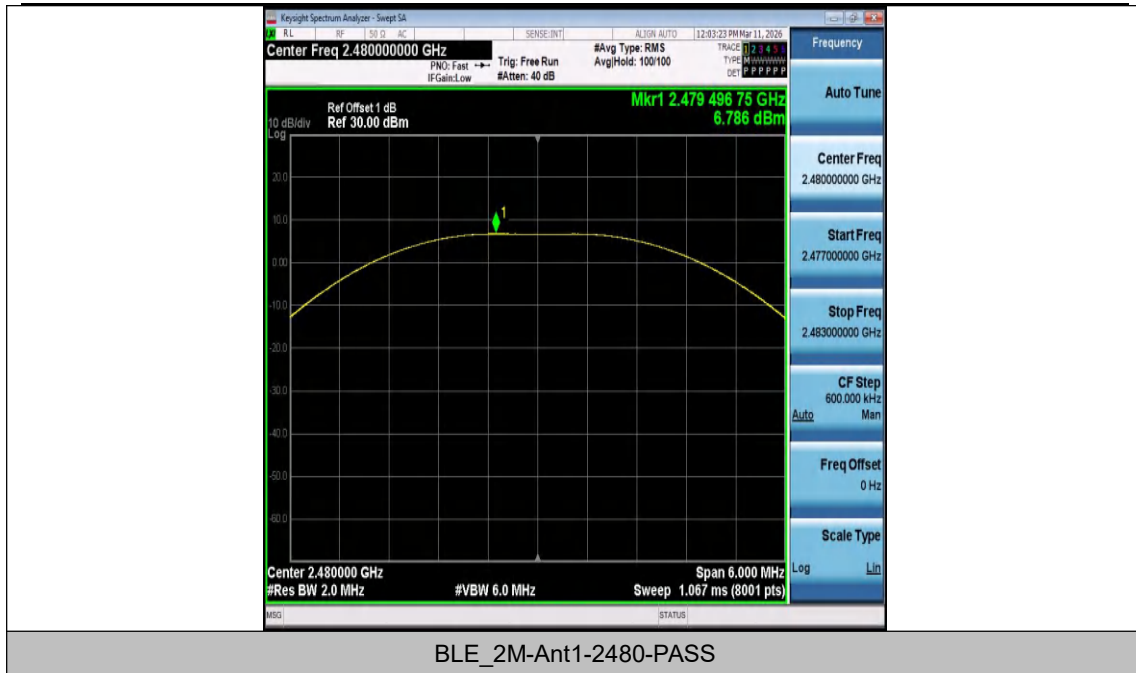
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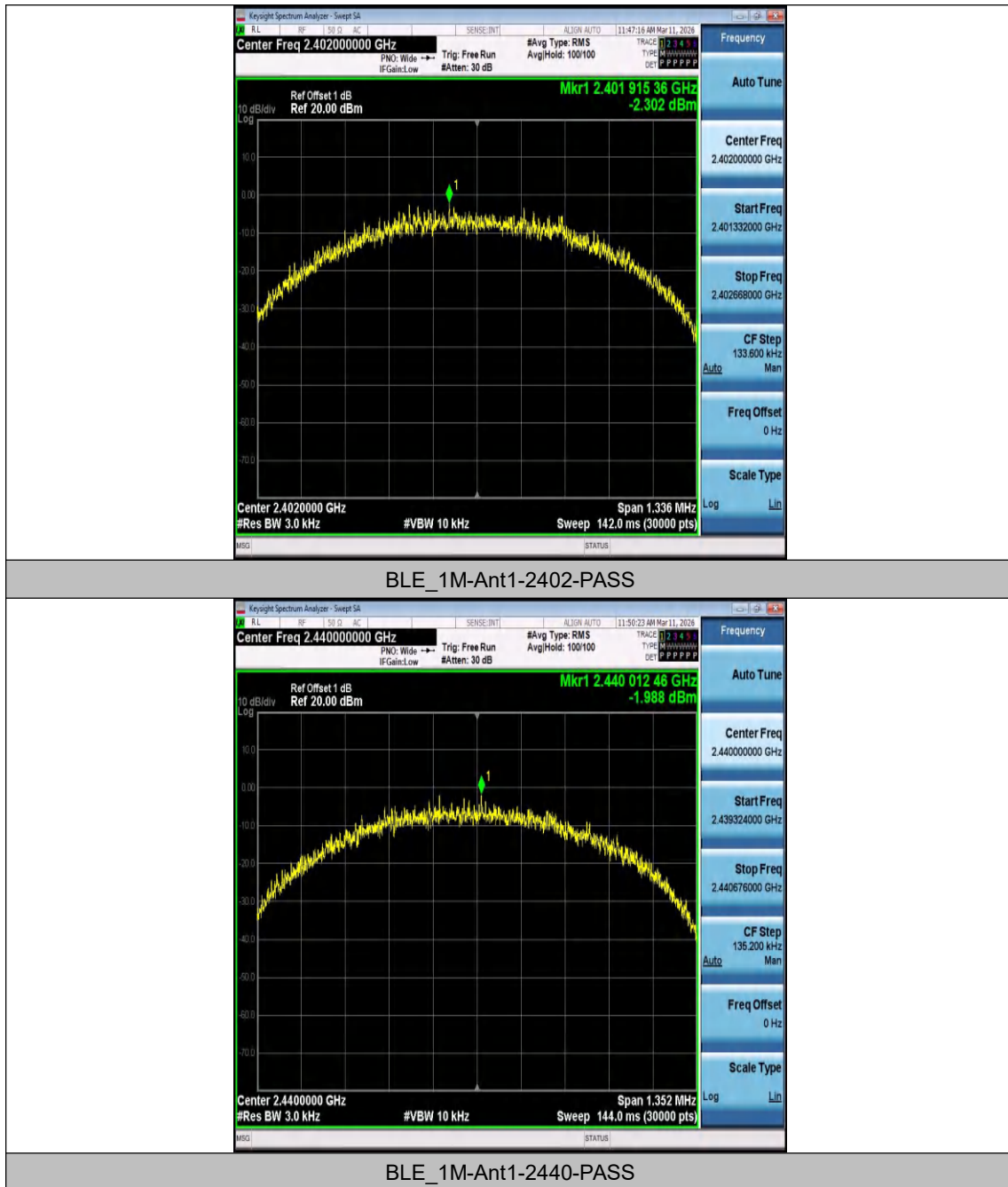
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-2.30	≤8.00	PASS
BLE_1M	Ant1	2440	-1.99	≤8.00	PASS
BLE_1M	Ant1	2480	-2.22	≤8.00	PASS
BLE_2M	Ant1	2402	-6.09	≤8.00	PASS
BLE_2M	Ant1	2440	-5.41	≤8.00	PASS
BLE_2M	Ant1	2480	-6.09	≤8.00	PASS

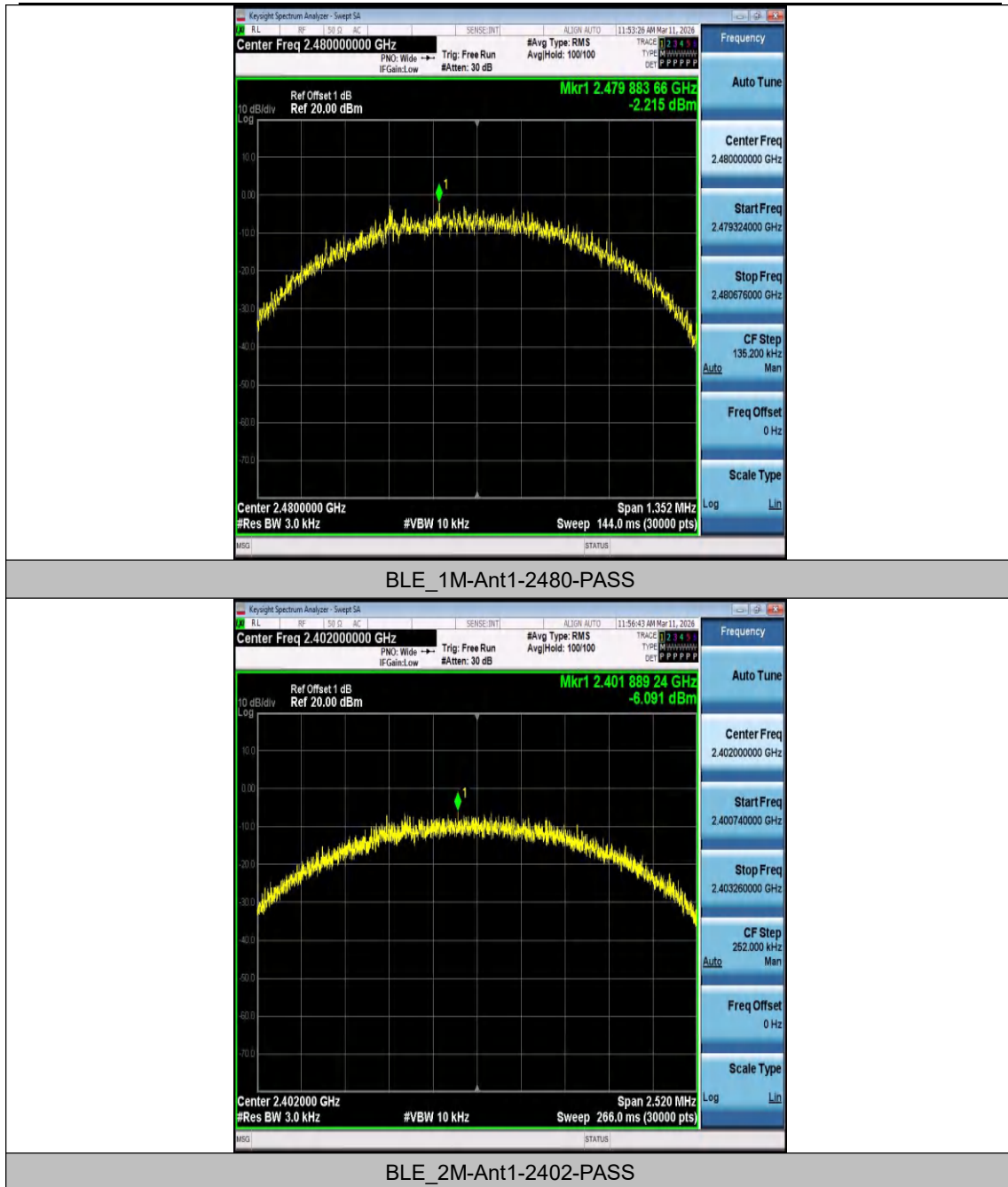
Test Graphs



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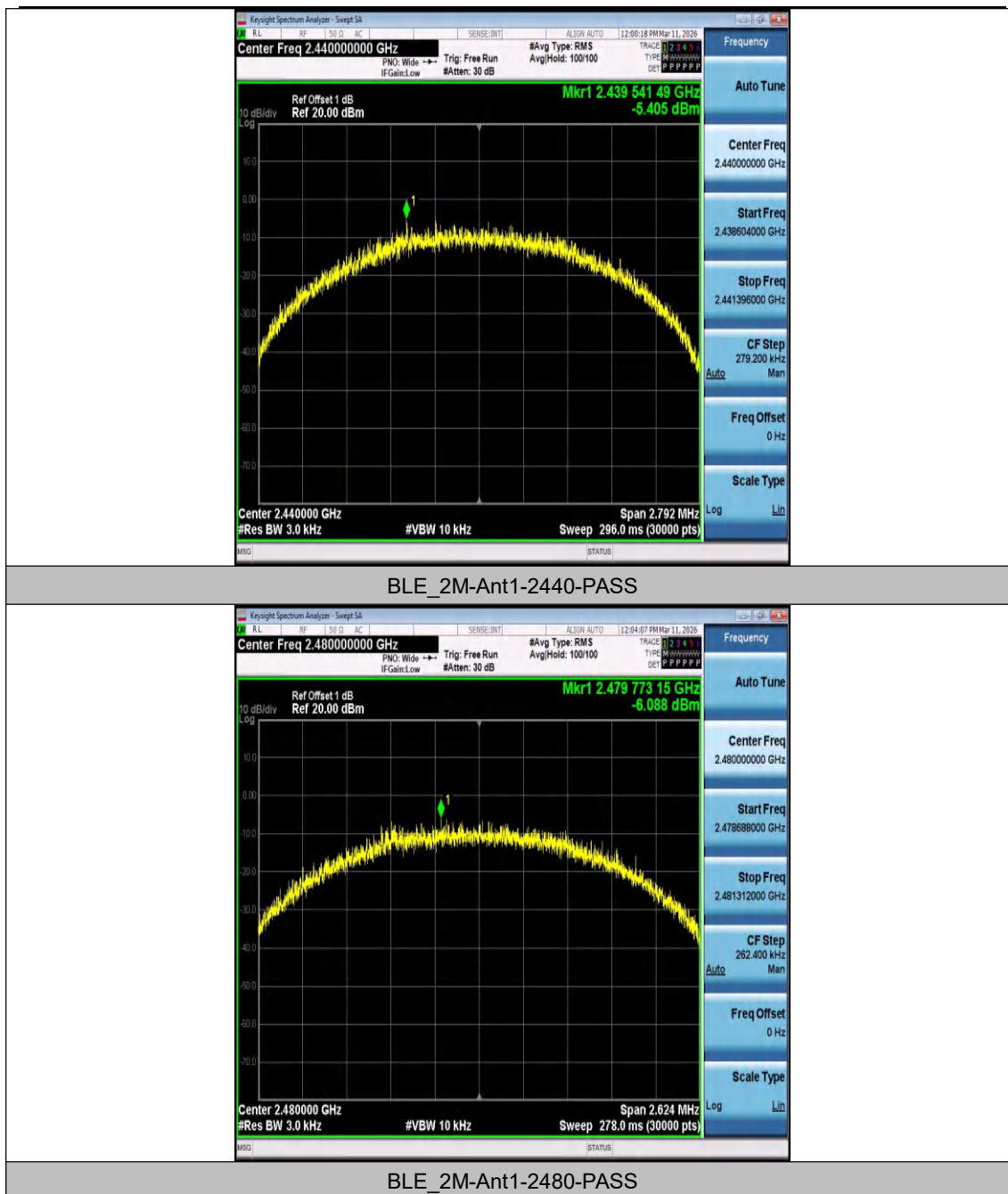
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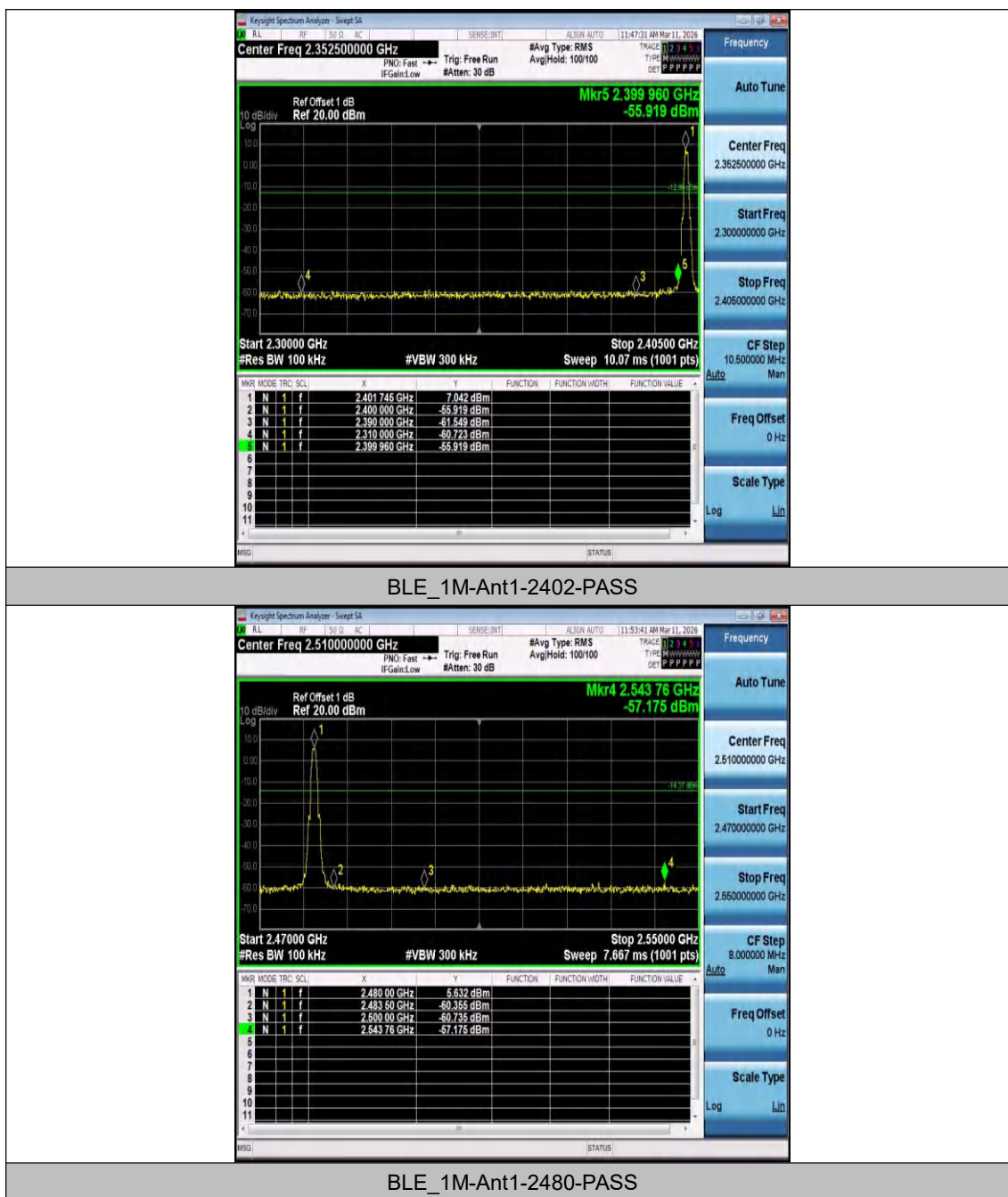
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.04	-55.92	≤-12.96	PASS
BLE_1M	Ant1	High	2480	5.63	-57.18	≤-14.37	PASS
BLE_2M	Ant1	Low	2402	4.91	-29.48	≤-15.09	PASS
BLE_2M	Ant1	High	2480	5.24	-57.92	≤-14.76	PASS

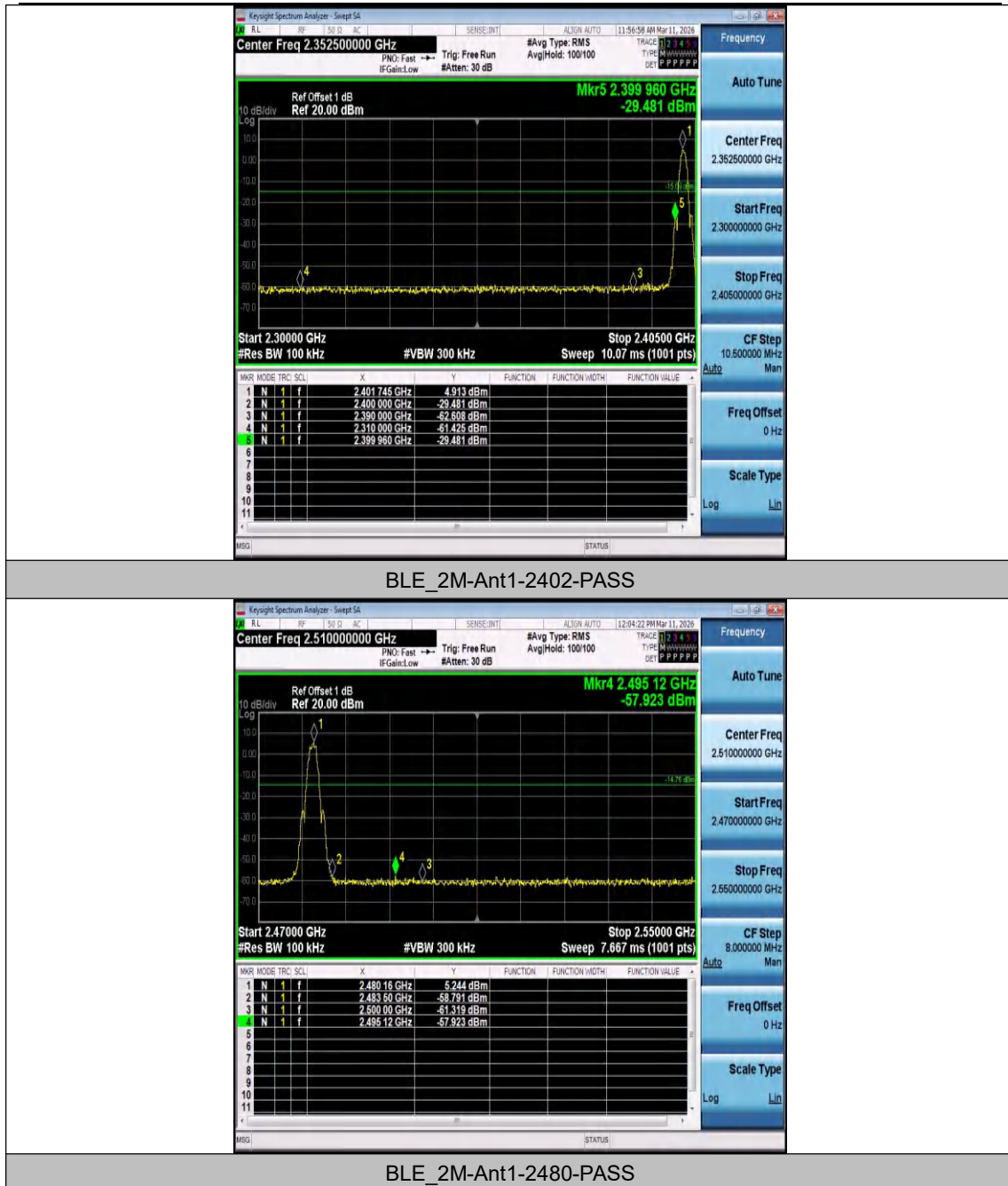
Test Graphs



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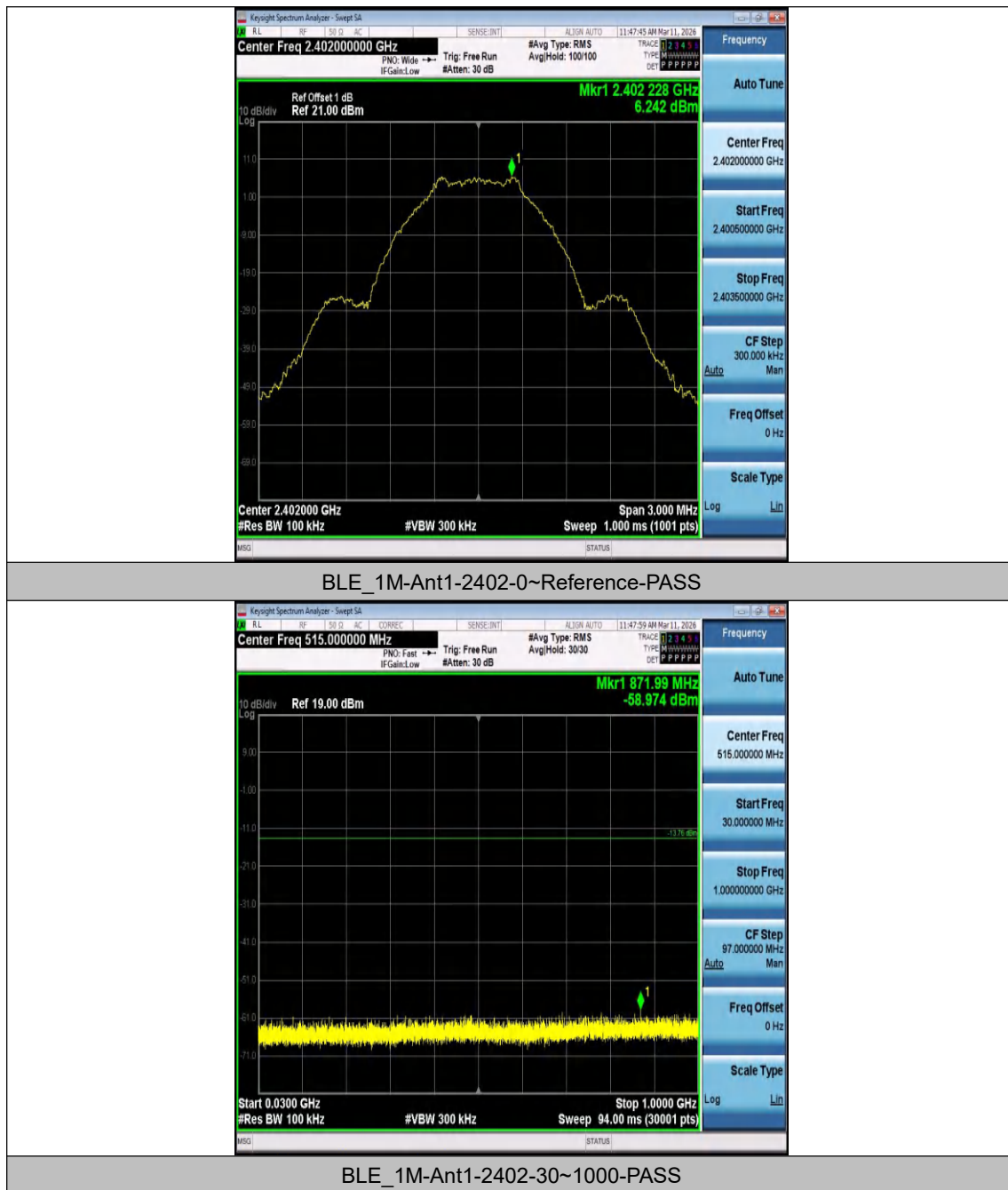
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	6.24	6.24	---	PASS
BLE_1M	Ant1	2402	30~1000	6.24	-58.97	≤-13.76	PASS
BLE_1M	Ant1	2402	1000~26500	6.24	-45.93	≤-13.76	PASS
BLE_1M	Ant1	2440	0~Reference	6.62	6.62	---	PASS
BLE_1M	Ant1	2440	30~1000	6.62	-59.65	≤-13.38	PASS
BLE_1M	Ant1	2440	1000~26500	6.62	-43.51	≤-13.38	PASS
BLE_1M	Ant1	2480	0~Reference	6.35	6.35	---	PASS
BLE_1M	Ant1	2480	30~1000	6.35	-58.81	≤-13.65	PASS
BLE_1M	Ant1	2480	1000~26500	6.35	-44.17	≤-13.65	PASS
BLE_2M	Ant1	2402	0~Reference	4.39	4.39	---	PASS
BLE_2M	Ant1	2402	30~1000	4.39	-58.88	≤-15.61	PASS
BLE_2M	Ant1	2402	1000~26500	4.39	-44.18	≤-15.61	PASS
BLE_2M	Ant1	2440	0~Reference	4.87	4.87	---	PASS
BLE_2M	Ant1	2440	30~1000	4.87	-59.58	≤-15.13	PASS
BLE_2M	Ant1	2440	1000~26500	4.87	-42.96	≤-15.13	PASS
BLE_2M	Ant1	2480	0~Reference	4.91	4.91	---	PASS
BLE_2M	Ant1	2480	30~1000	4.91	-58.41	≤-15.09	PASS
BLE_2M	Ant1	2480	1000~26500	4.91	-42.42	≤-15.09	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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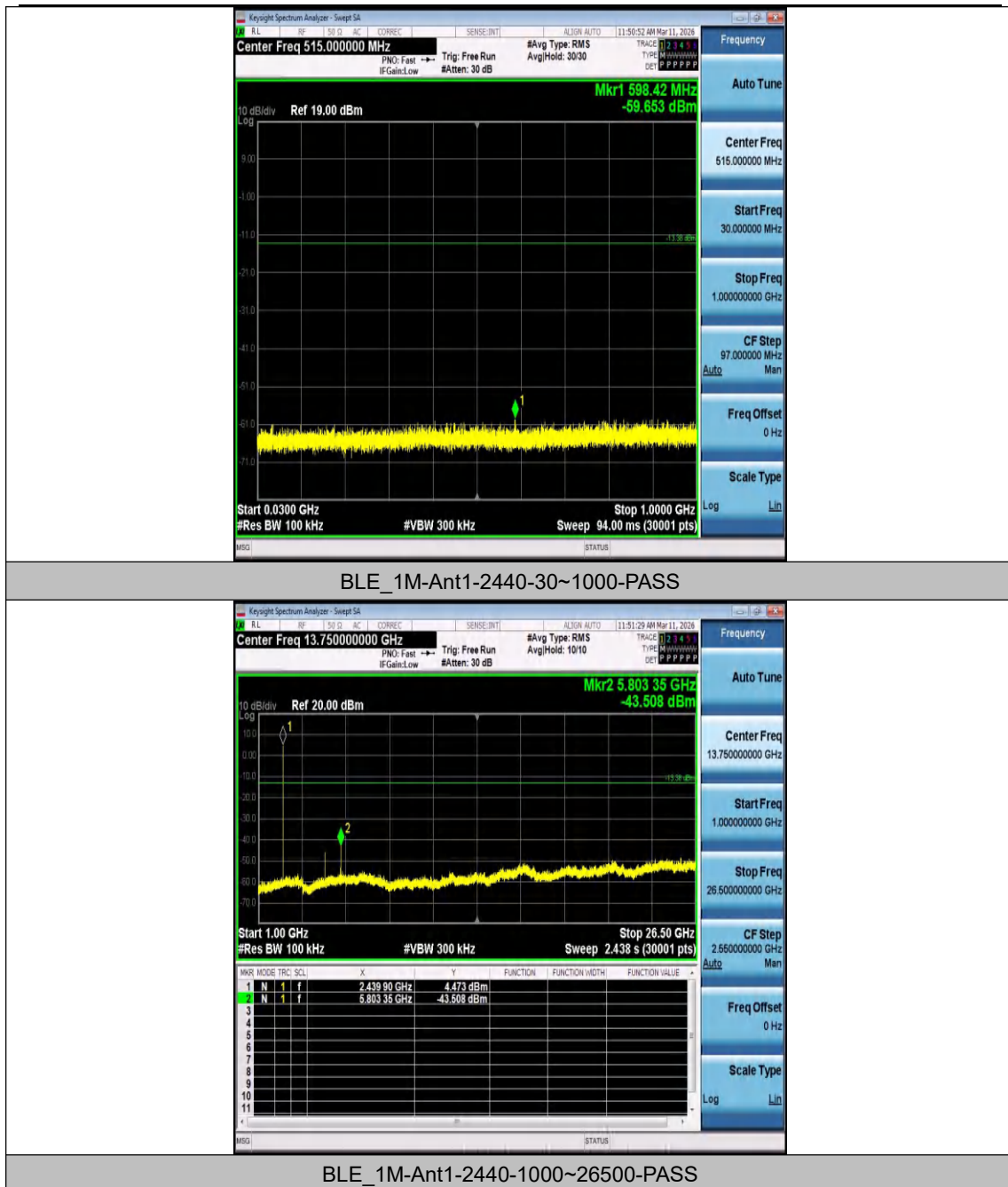
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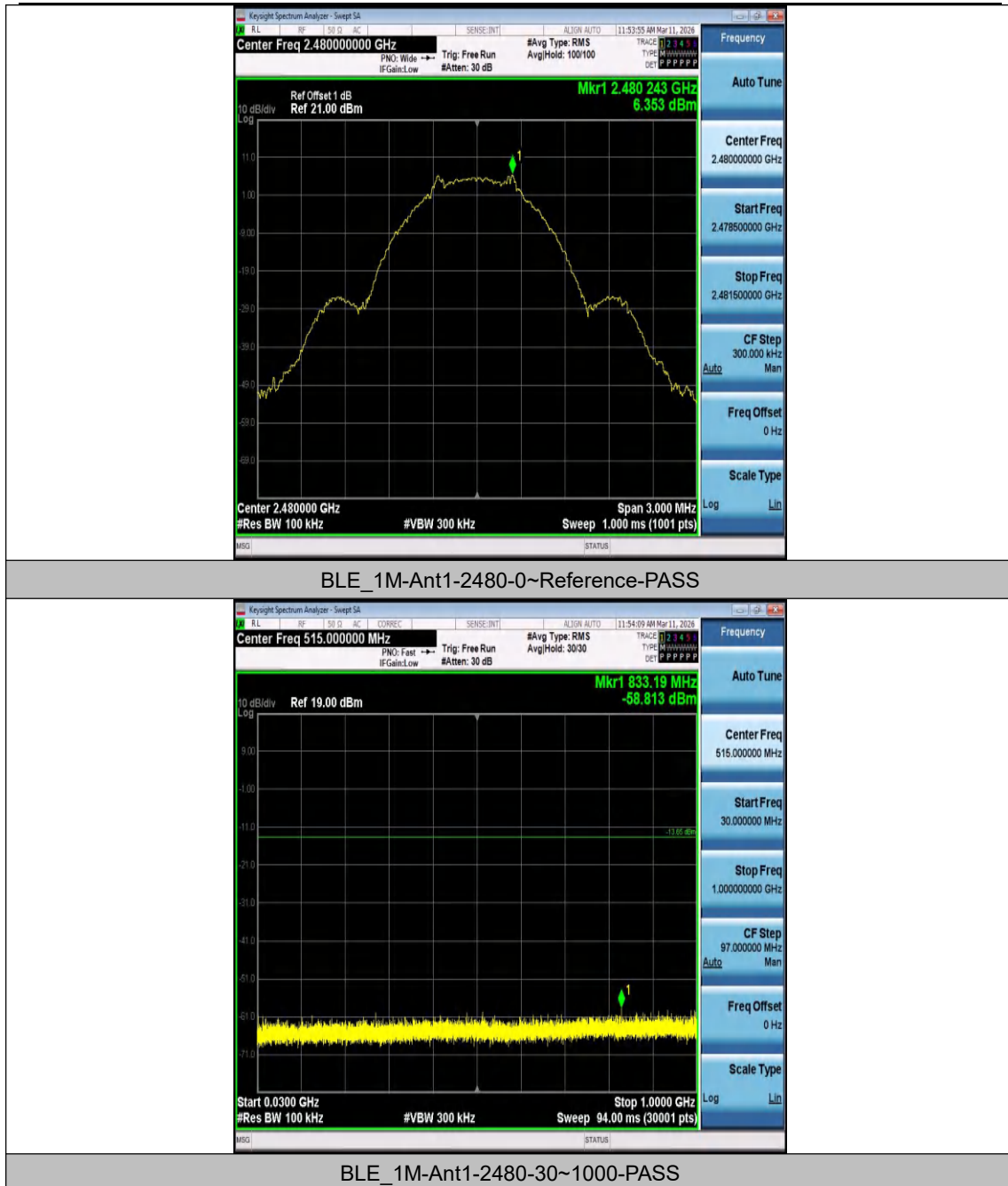
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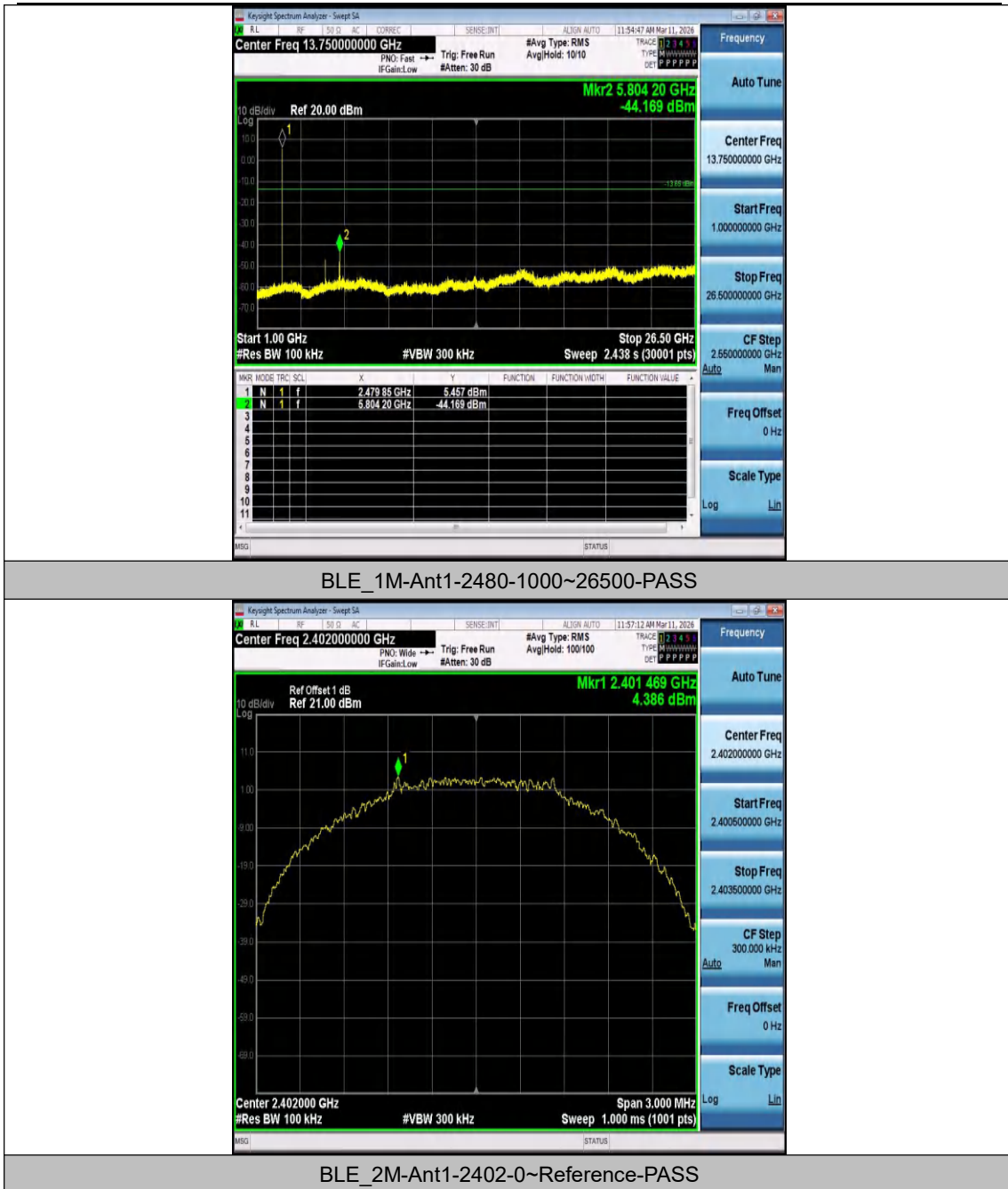
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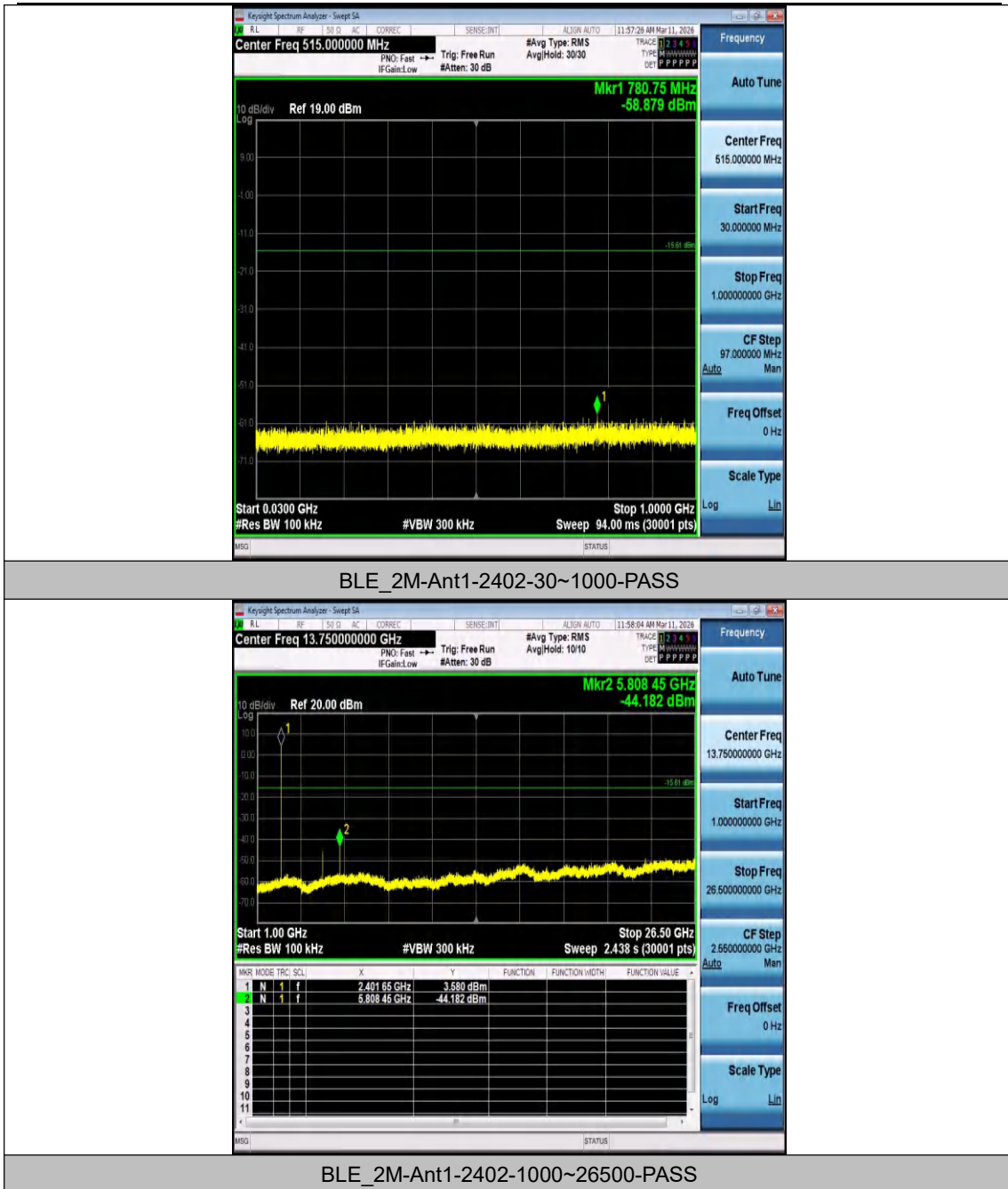
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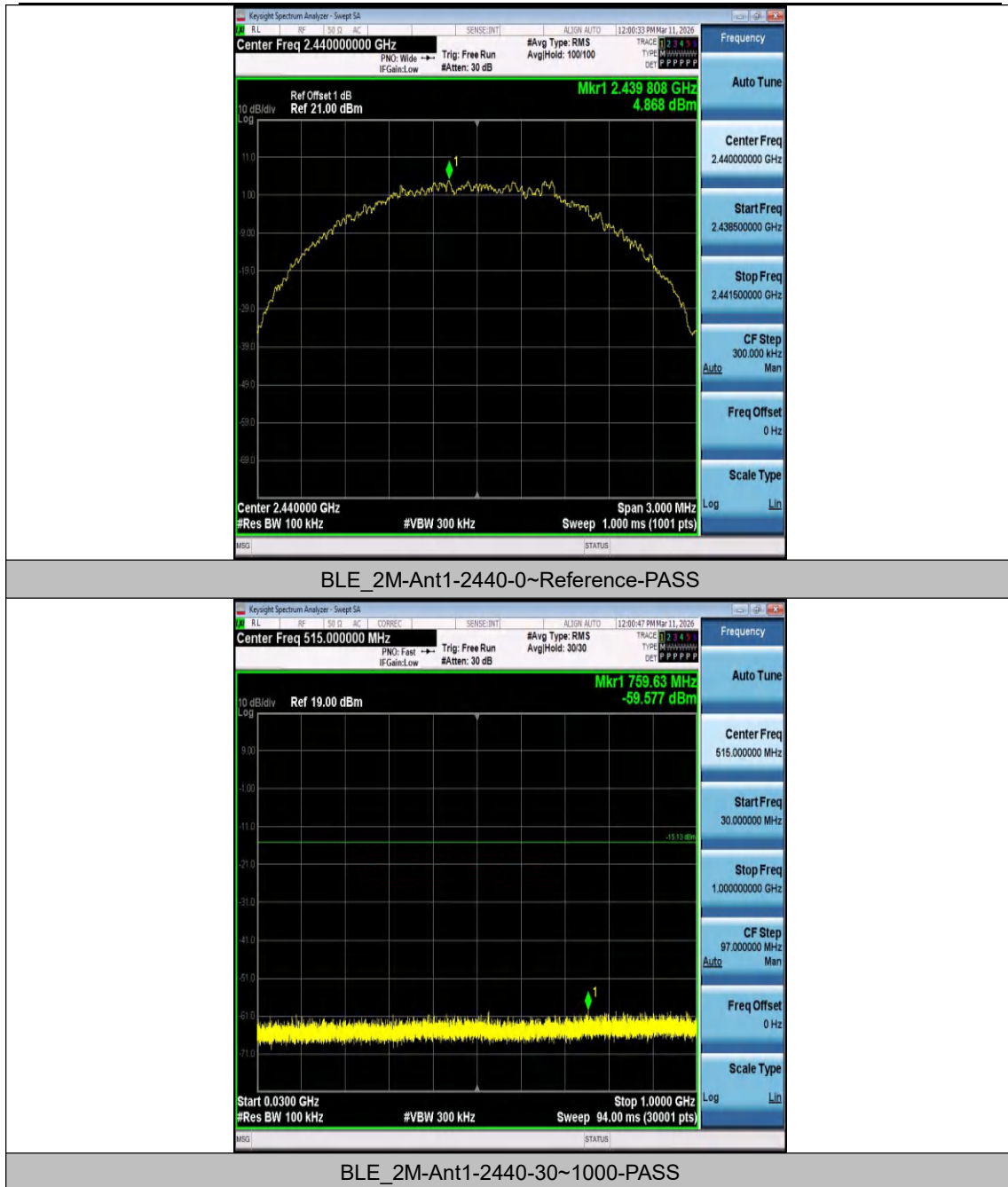
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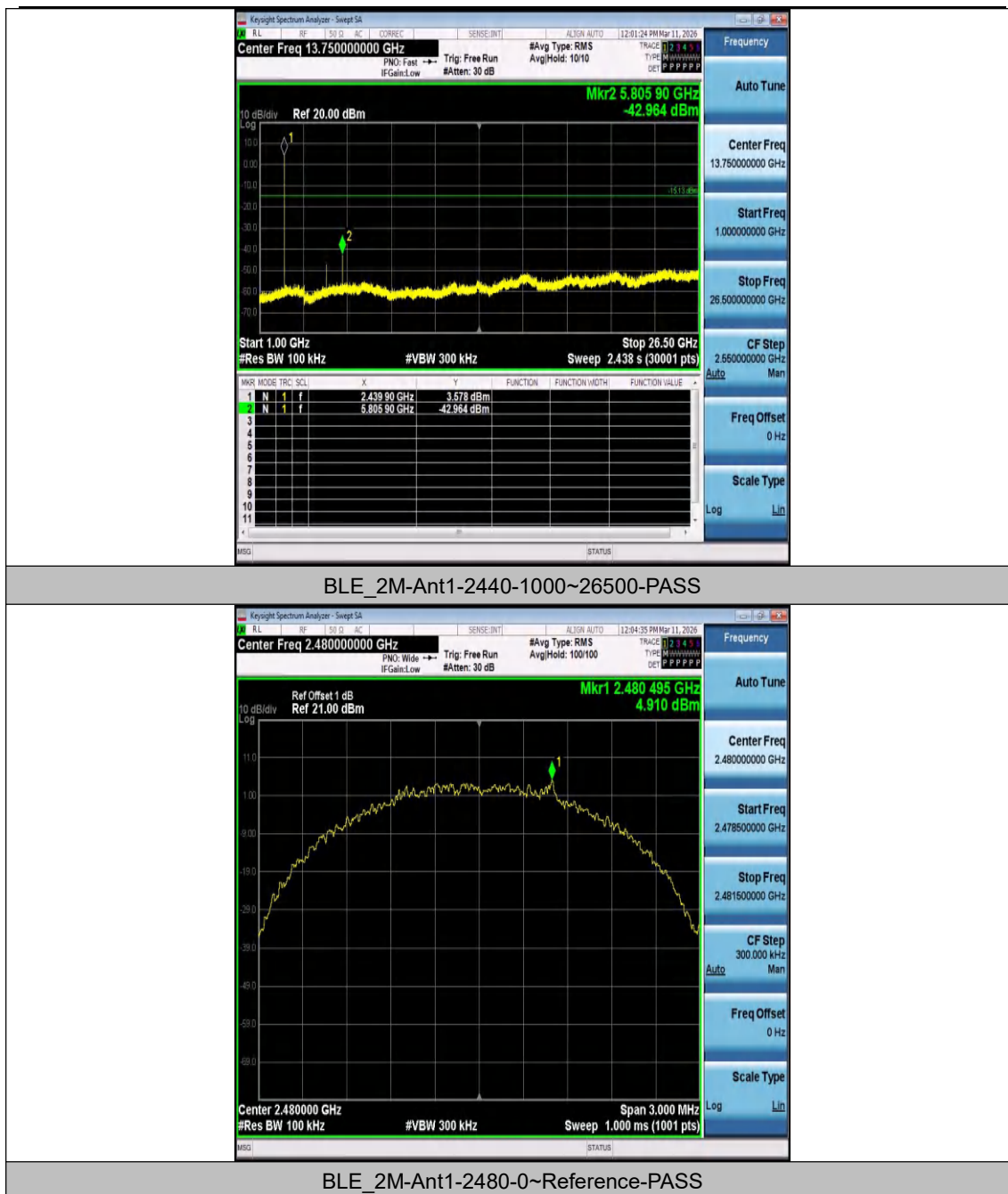
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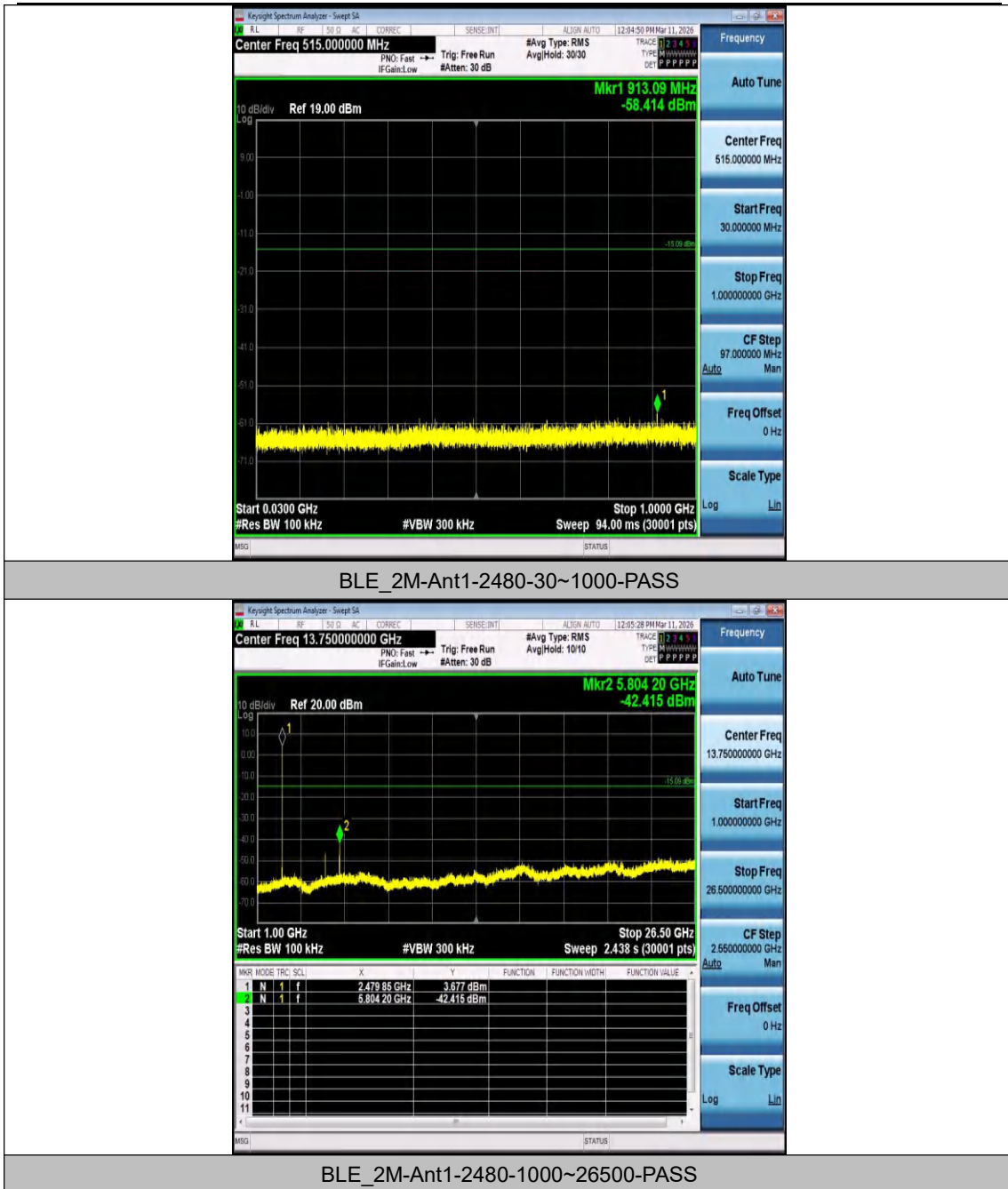
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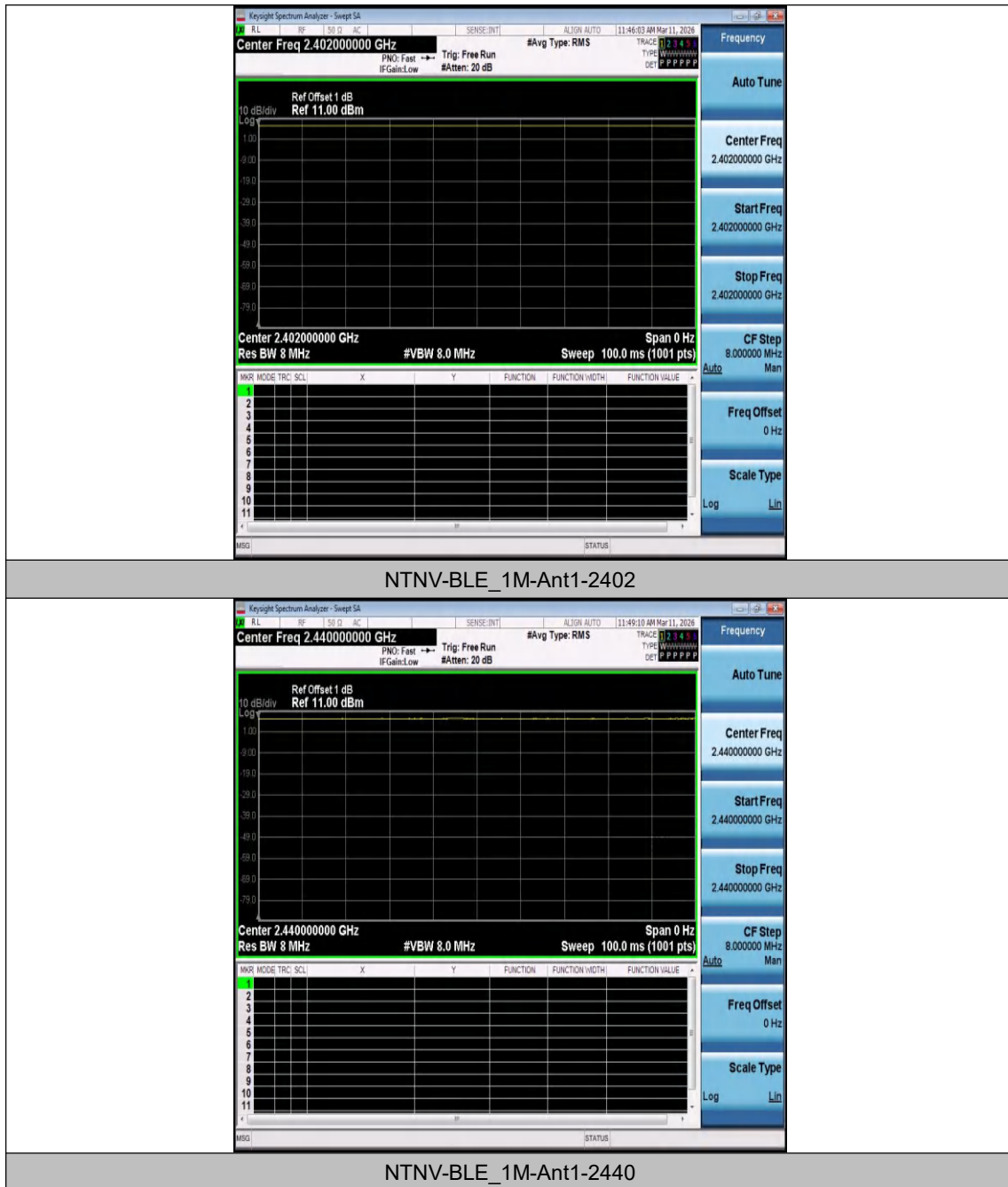
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2480	100.00	100.00	100.00	0.00

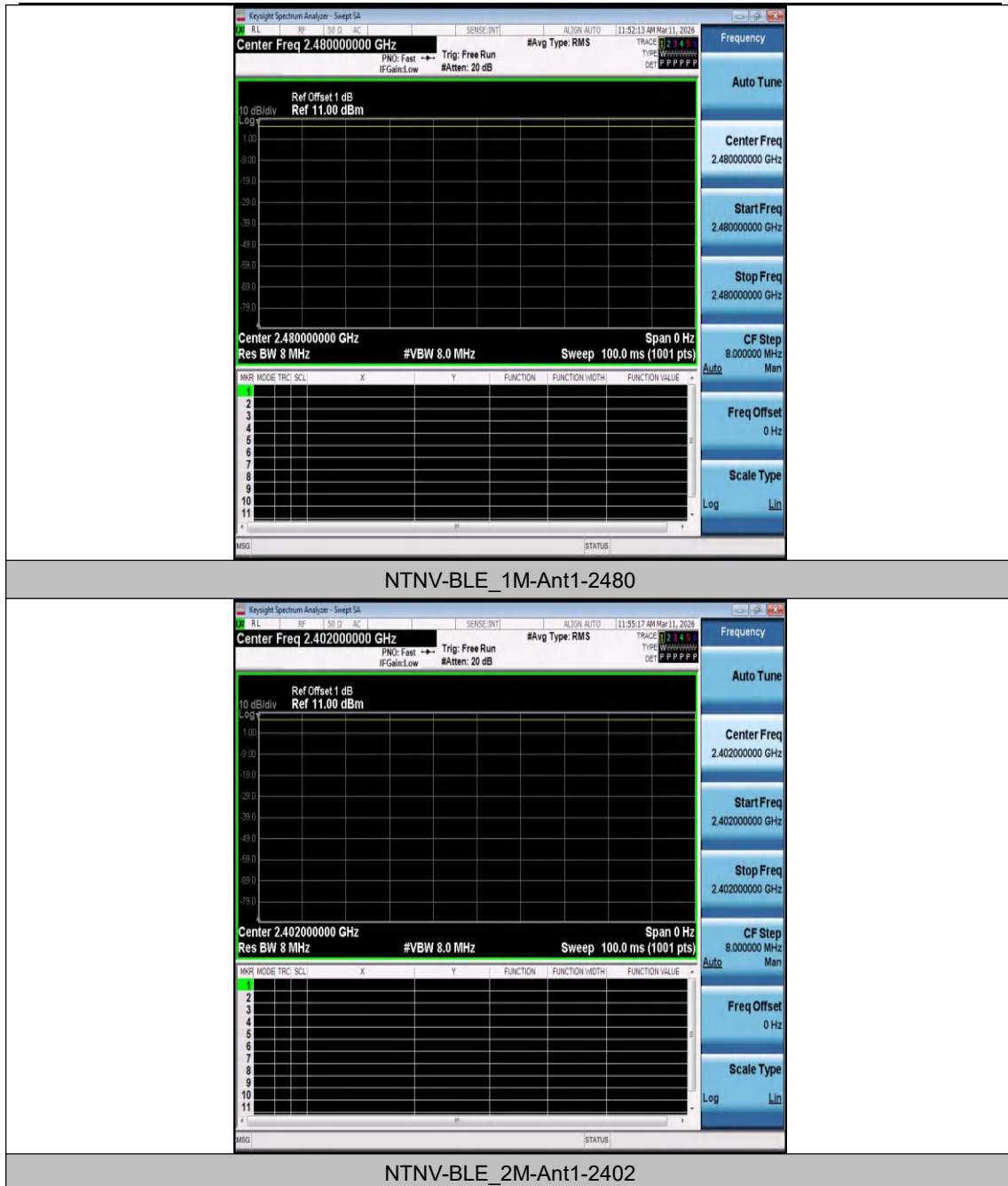
Test Graphs



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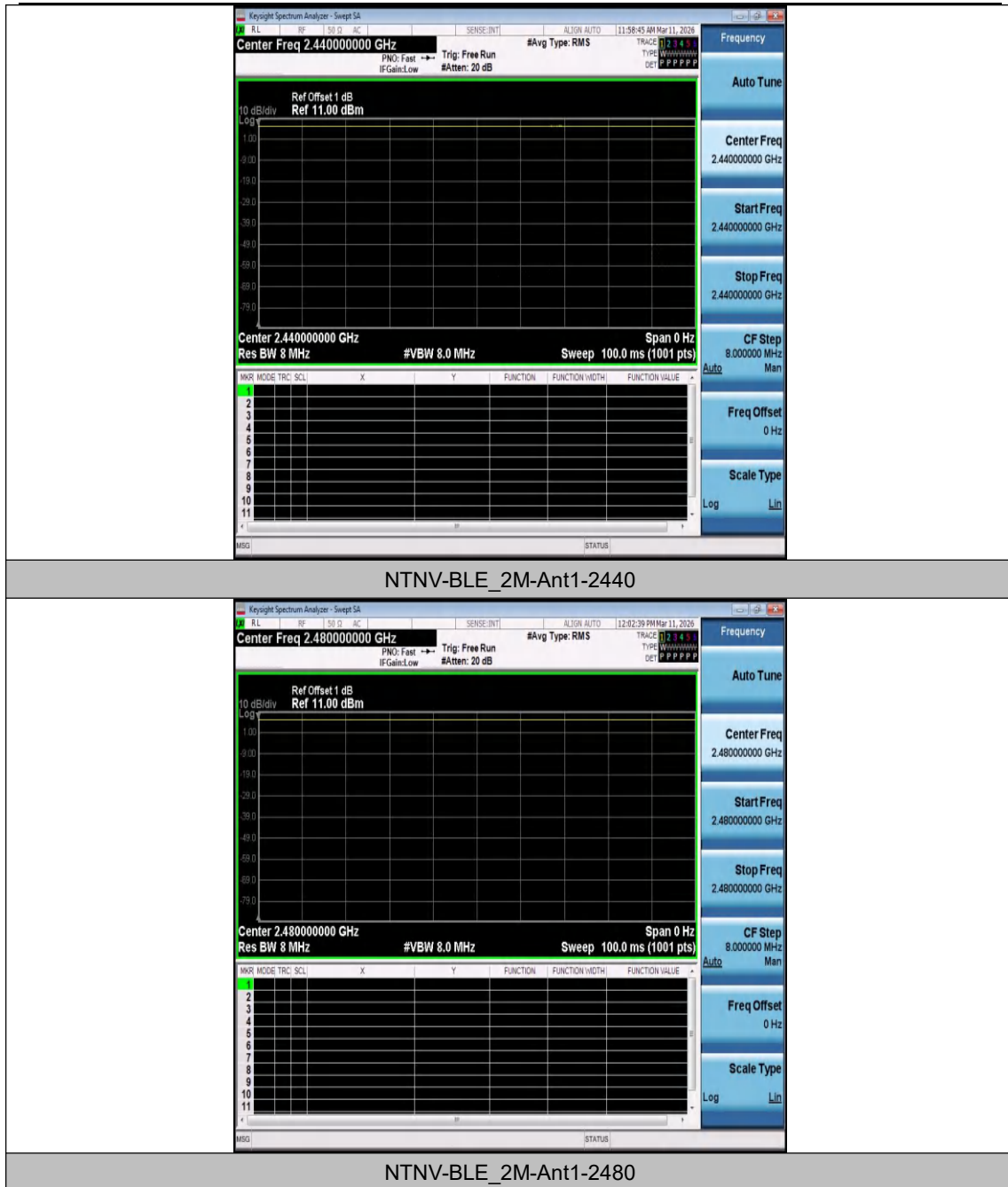
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