

Appendix Test Data

Report No.:	1812C60133112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-11	Finish Test Date:	2026-3-17
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.5°C	Relative Humidity:	59%
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	0.708	2401.664	2402.372	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.660	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.644	2479.700	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.124	2401.460	2402.584	0.5	PASS
BLE_2M	Ant1	2440	1.184	2439.424	2440.608	0.5	PASS
BLE_2M	Ant1	2480	1.108	2479.464	2480.572	0.5	PASS

Test Graphs



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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	1.0341	2401.5044	2402.5385	---	---
BLE_1M	Ant1	2440	1.0563	2439.5023	2440.5586	---	---
BLE_1M	Ant1	2480	1.0372	2479.5015	2480.5387	---	---
BLE_2M	Ant1	2402	2.0558	2401.0038	2403.0596	---	---
BLE_2M	Ant1	2440	2.0846	2438.9941	2441.0787	---	---
BLE_2M	Ant1	2480	2.0569	2478.9980	2481.0549	---	---

Test Graphs



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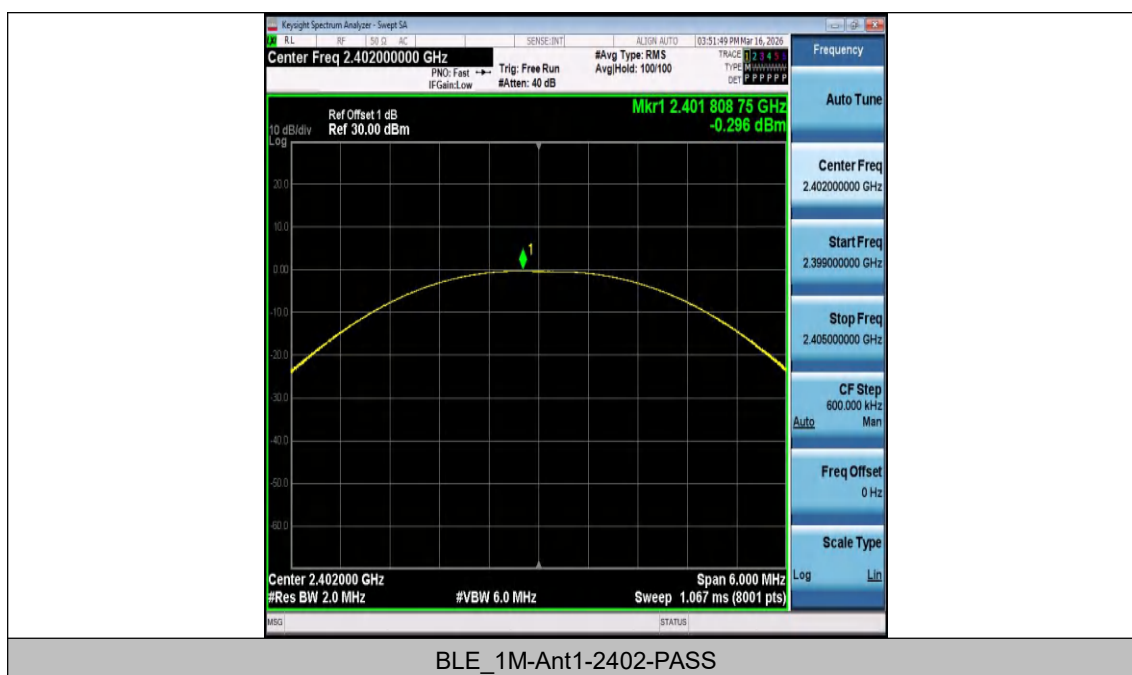
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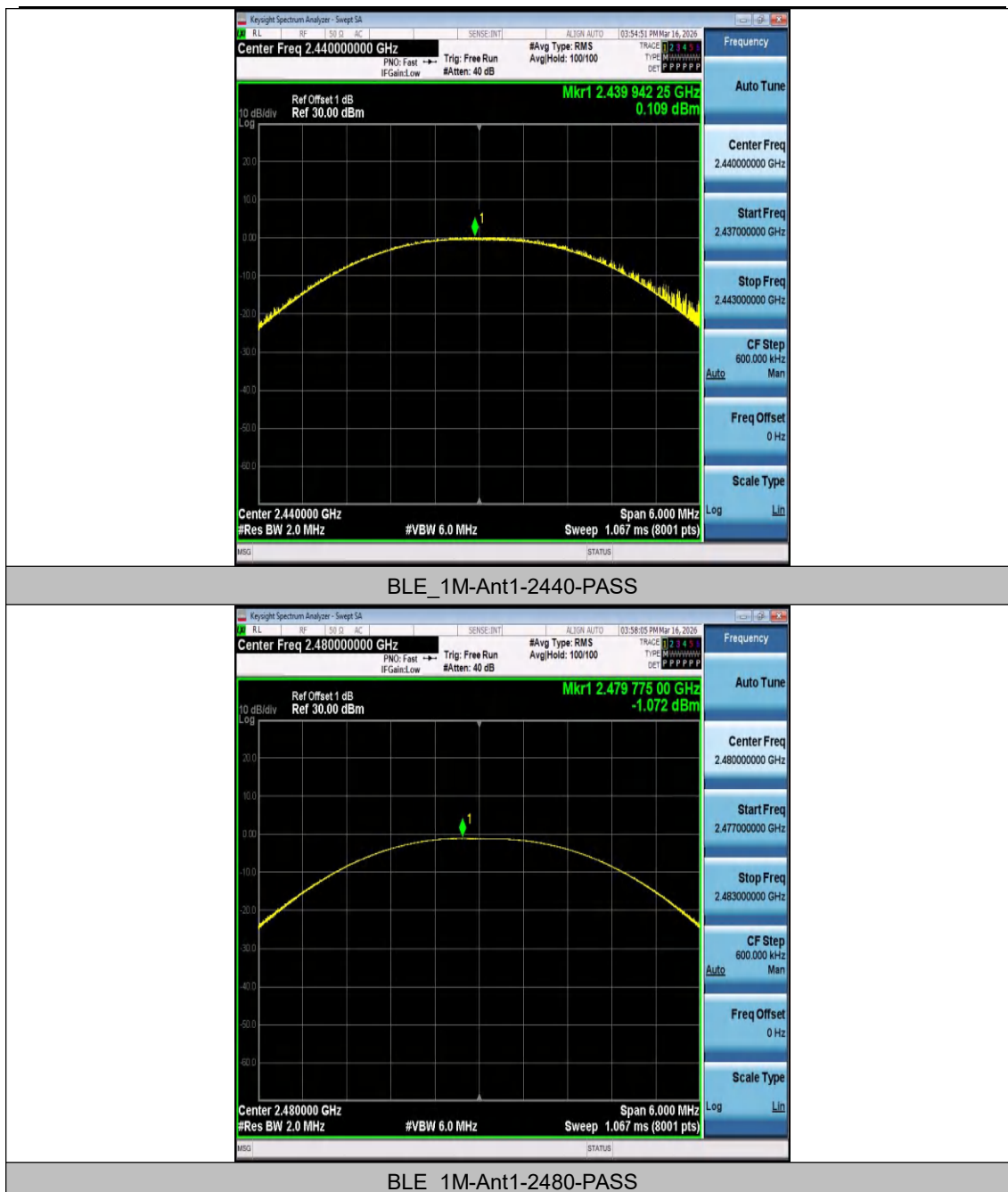
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.30	≤30	PASS
BLE_1M	Ant1	2440	0.11	≤30	PASS
BLE_1M	Ant1	2480	-1.07	≤30	PASS
BLE_2M	Ant1	2402	-0.16	≤30	PASS
BLE_2M	Ant1	2440	0.32	≤30	PASS
BLE_2M	Ant1	2480	-0.80	≤30	PASS

Test Graphs Peak

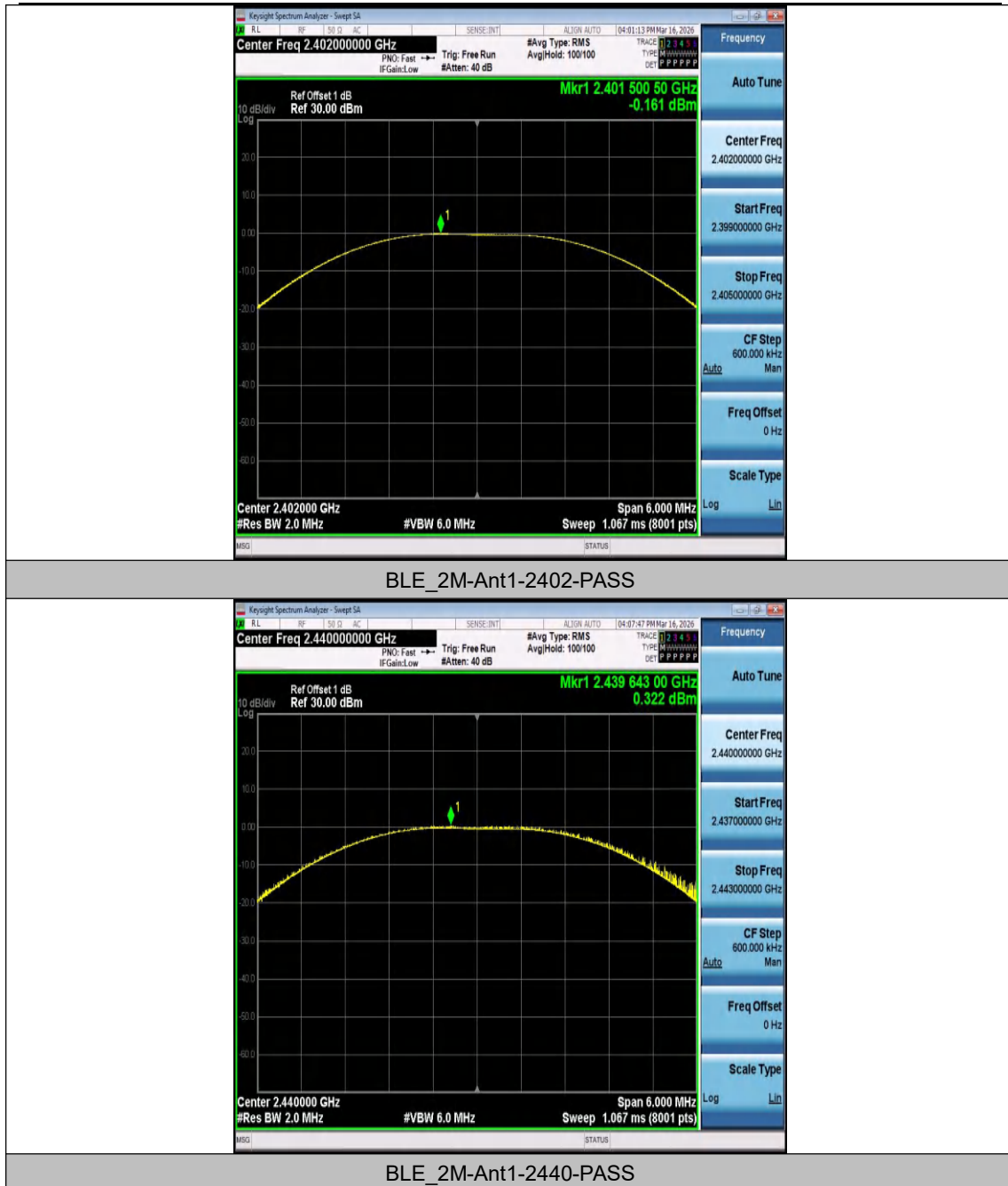




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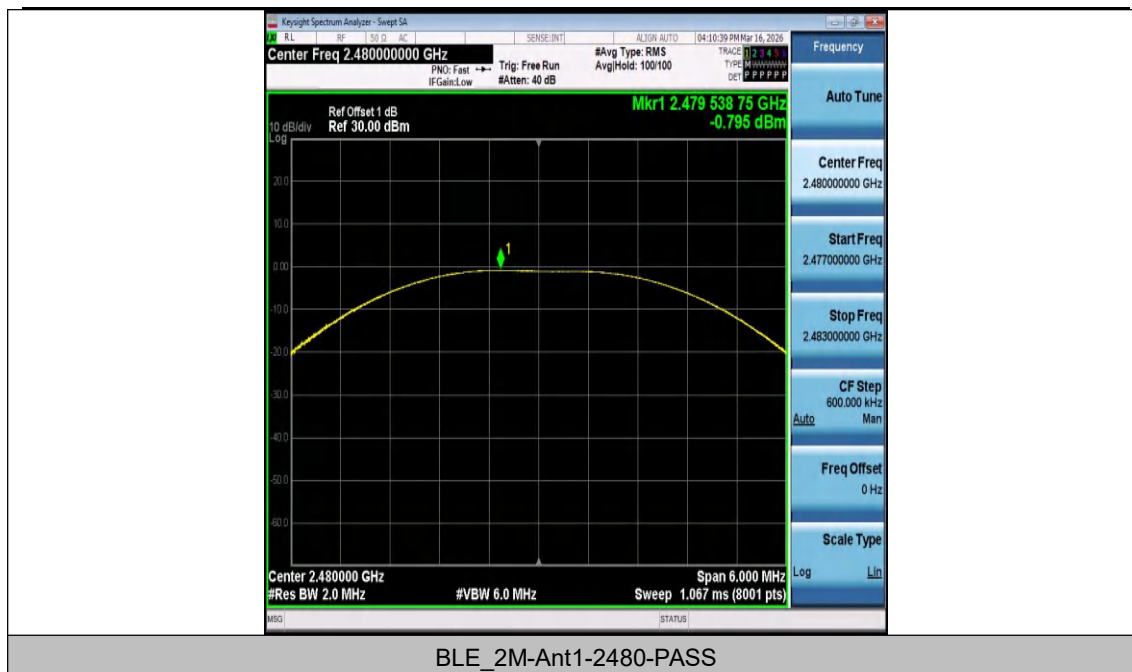
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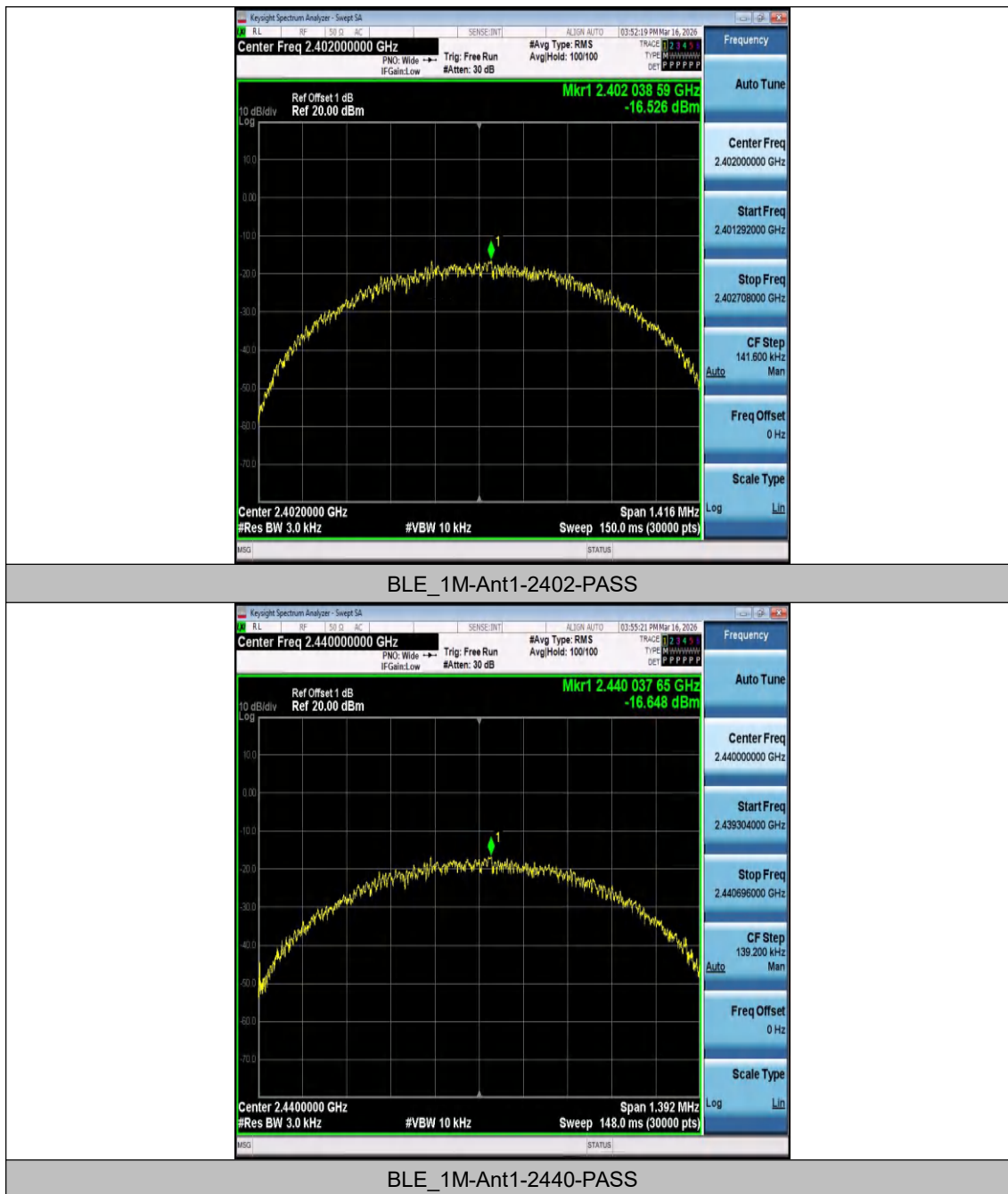
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.53	≤8.00	PASS
BLE_1M	Ant1	2440	-16.65	≤8.00	PASS
BLE_1M	Ant1	2480	-17.27	≤8.00	PASS
BLE_2M	Ant1	2402	-18.72	≤8.00	PASS
BLE_2M	Ant1	2440	-18.73	≤8.00	PASS
BLE_2M	Ant1	2480	-19.30	≤8.00	PASS

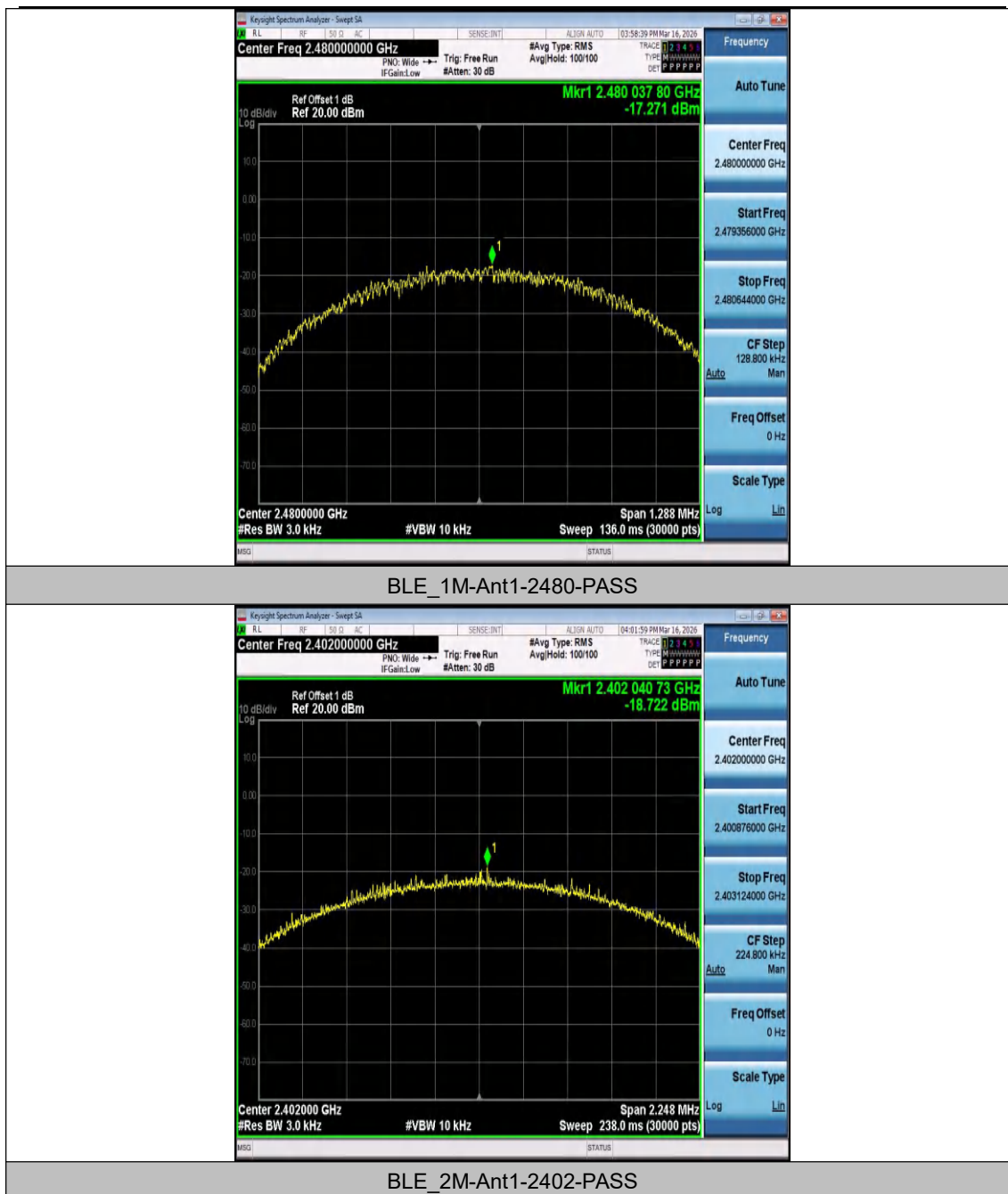
Test Graphs



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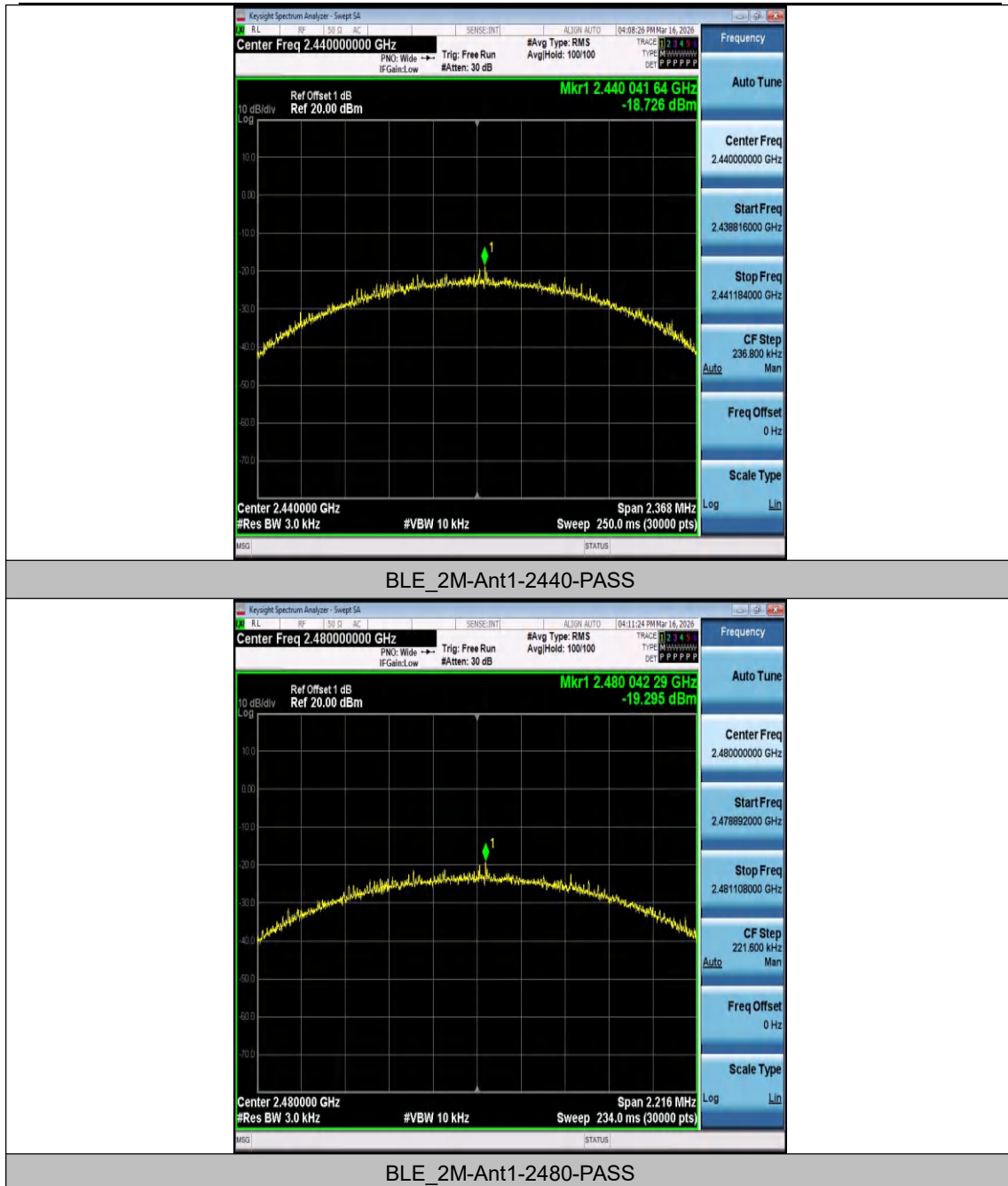
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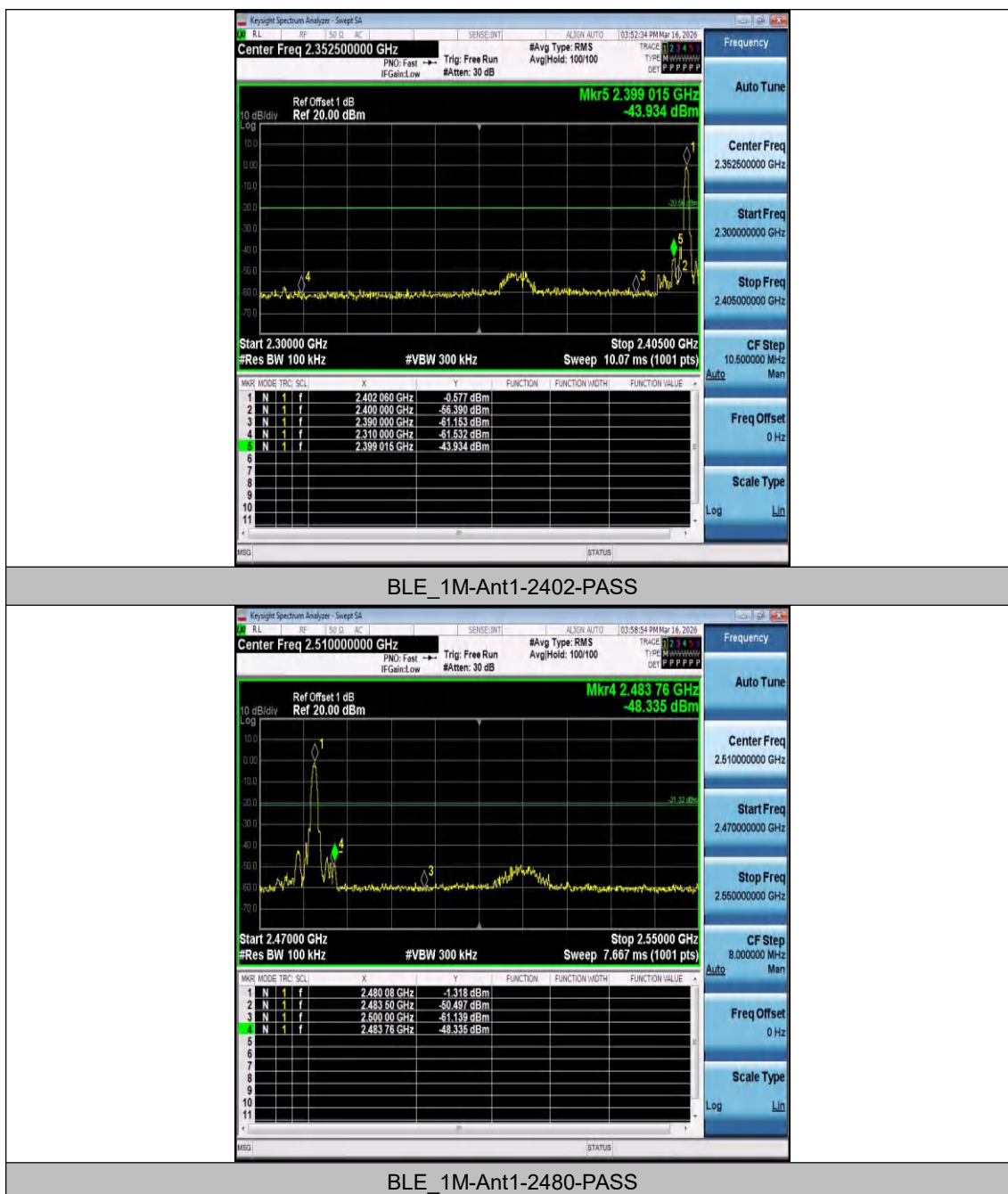
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.58	-43.93	≤-20.58	PASS
BLE_1M	Ant1	High	2480	-1.32	-48.34	≤-21.32	PASS
BLE_2M	Ant1	Low	2402	-1.68	-36.89	≤-21.68	PASS
BLE_2M	Ant1	High	2480	-1.62	-51.76	≤-21.62	PASS

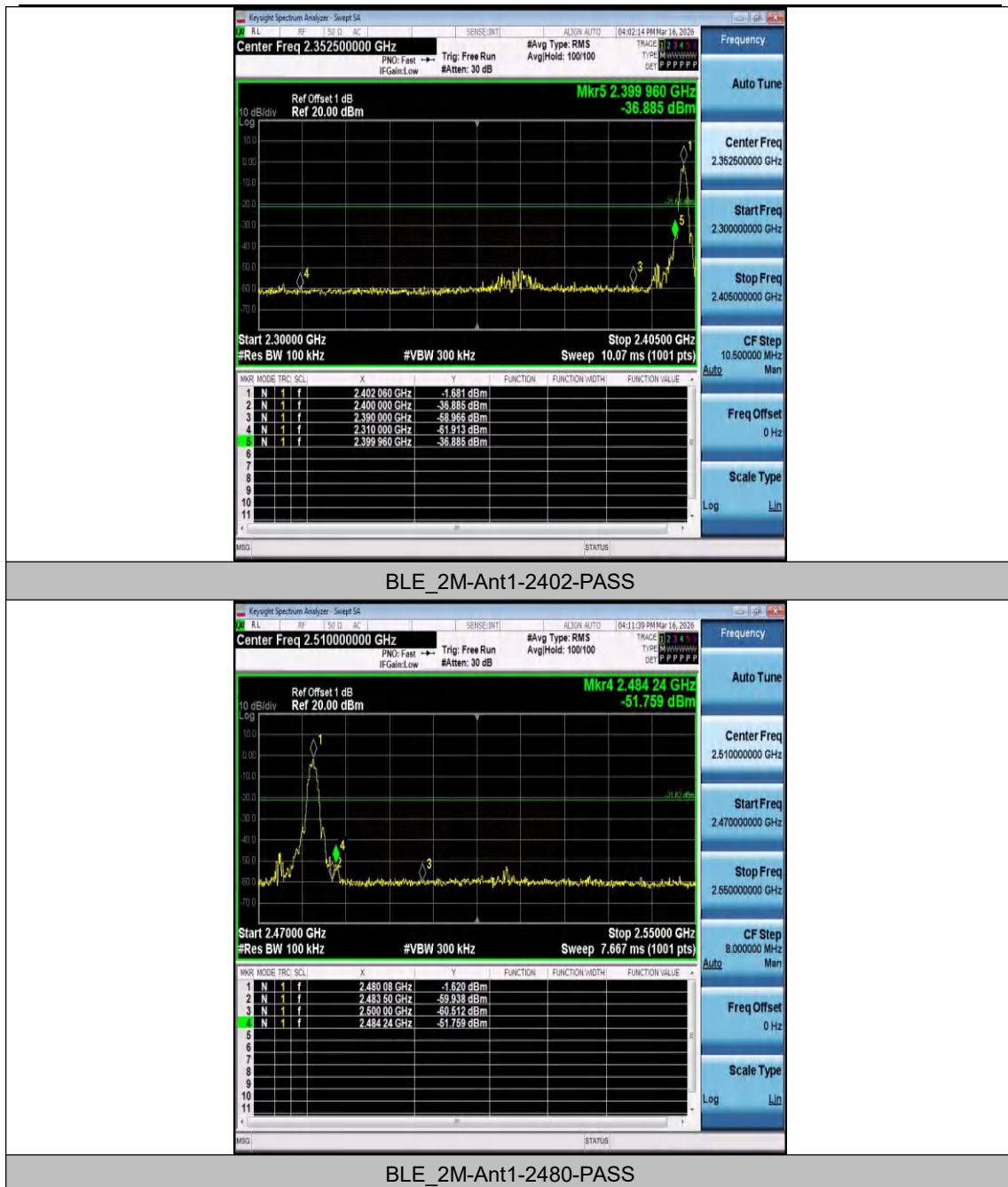
Test Graphs



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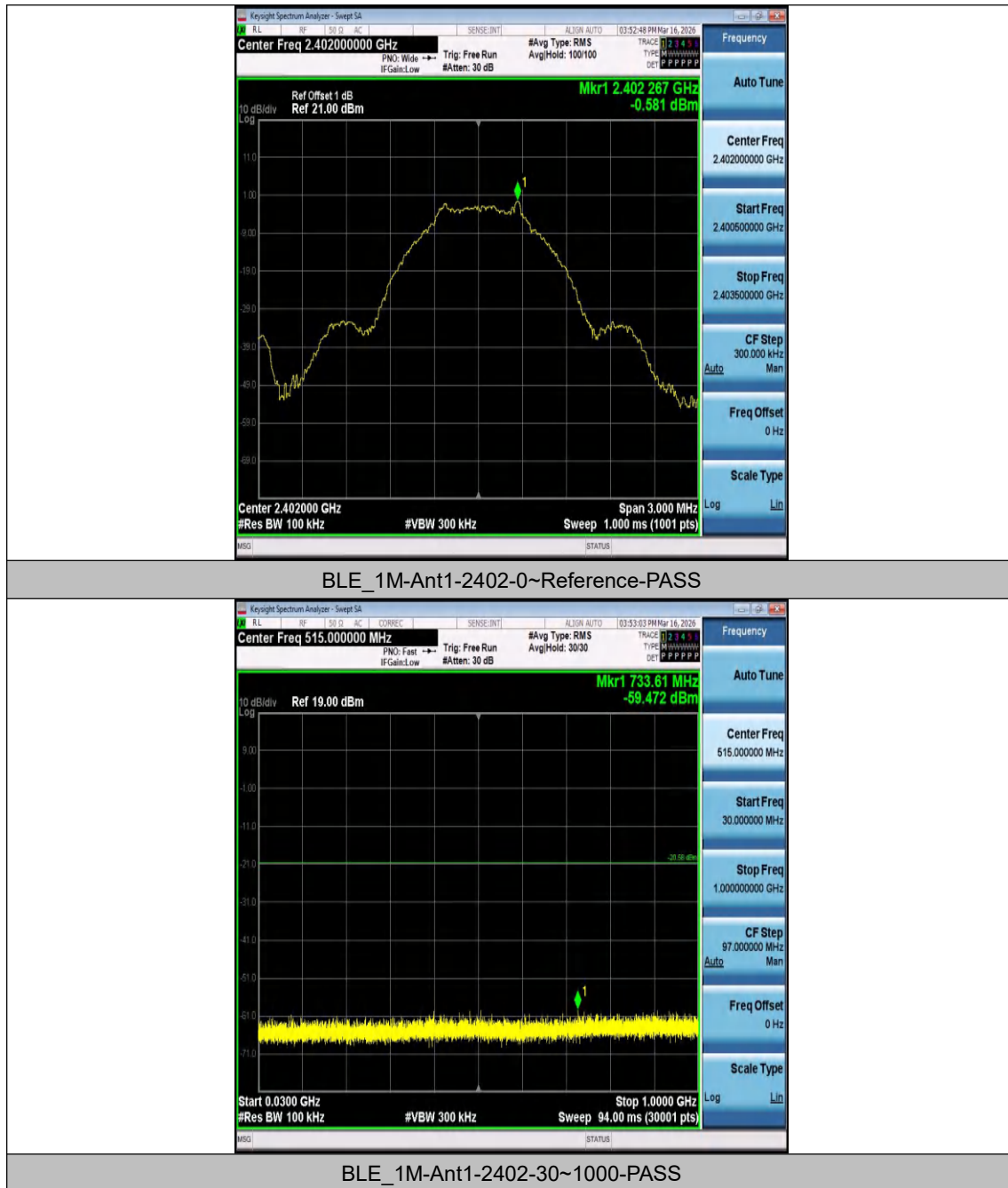
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.58	-0.58	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.58	-59.47	≤-20.58	PASS
BLE_1M	Ant1	2402	1000~26500	-0.58	-48.5	≤-20.58	PASS
BLE_1M	Ant1	2440	0~Reference	-0.86	-0.86	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.86	-59.28	≤-20.86	PASS
BLE_1M	Ant1	2440	1000~26500	-0.86	-48.23	≤-20.86	PASS
BLE_1M	Ant1	2480	0~Reference	-2.04	-2.04	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.04	-59.37	≤-22.04	PASS
BLE_1M	Ant1	2480	1000~26500	-2.04	-48.3	≤-22.04	PASS
BLE_2M	Ant1	2402	0~Reference	-1.70	-1.70	---	PASS
BLE_2M	Ant1	2402	30~1000	-1.70	-59.08	≤-21.7	PASS
BLE_2M	Ant1	2402	1000~26500	-1.70	-48.59	≤-21.7	PASS
BLE_2M	Ant1	2440	0~Reference	-1.64	-1.64	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.64	-58.94	≤-21.64	PASS
BLE_2M	Ant1	2440	1000~26500	-1.64	-39.94	≤-21.64	PASS
BLE_2M	Ant1	2480	0~Reference	-1.45	-1.45	---	PASS
BLE_2M	Ant1	2480	30~1000	-1.45	-58.45	≤-21.45	PASS
BLE_2M	Ant1	2480	1000~26500	-1.45	-49.15	≤-21.45	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.

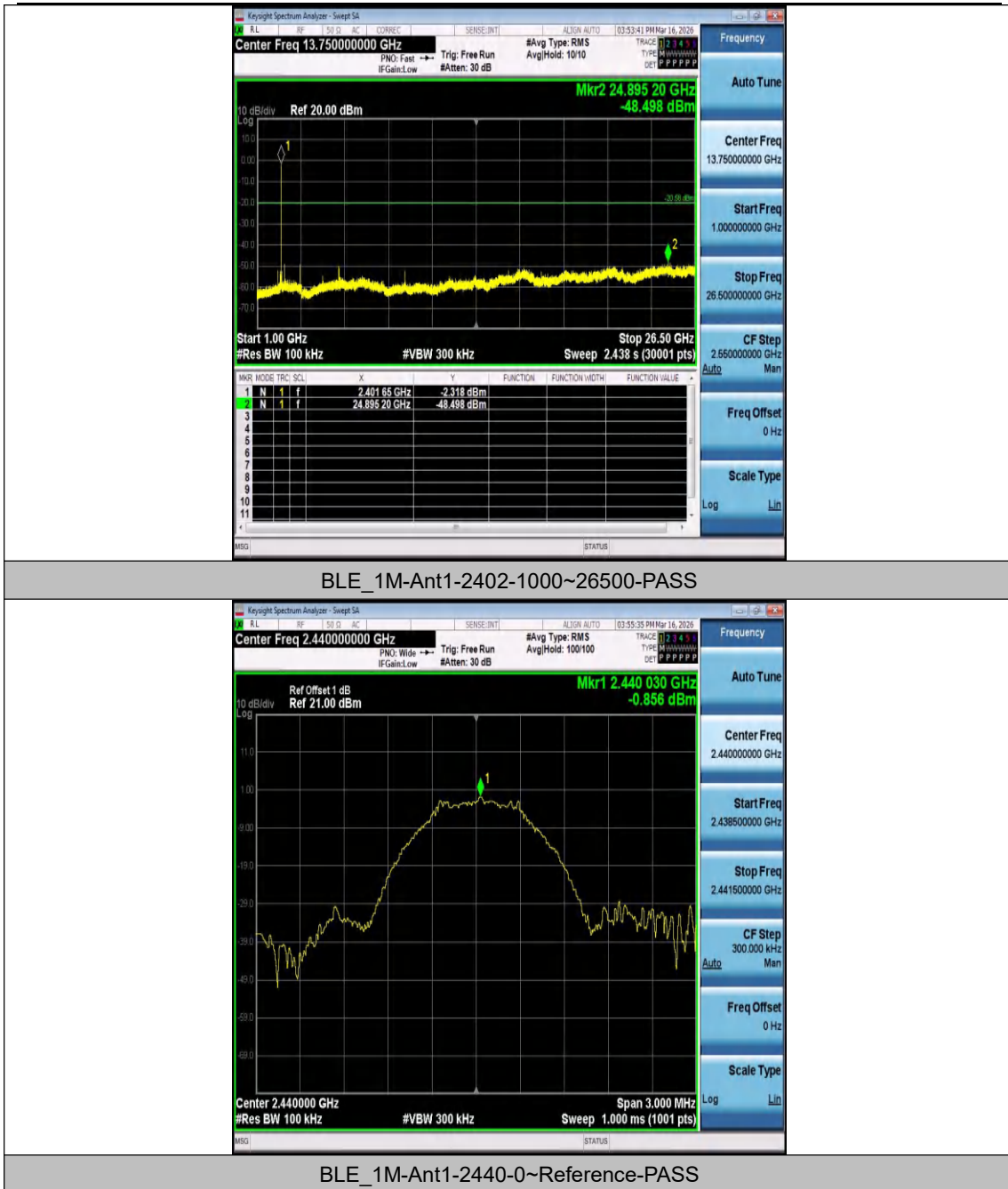
Test Graphs



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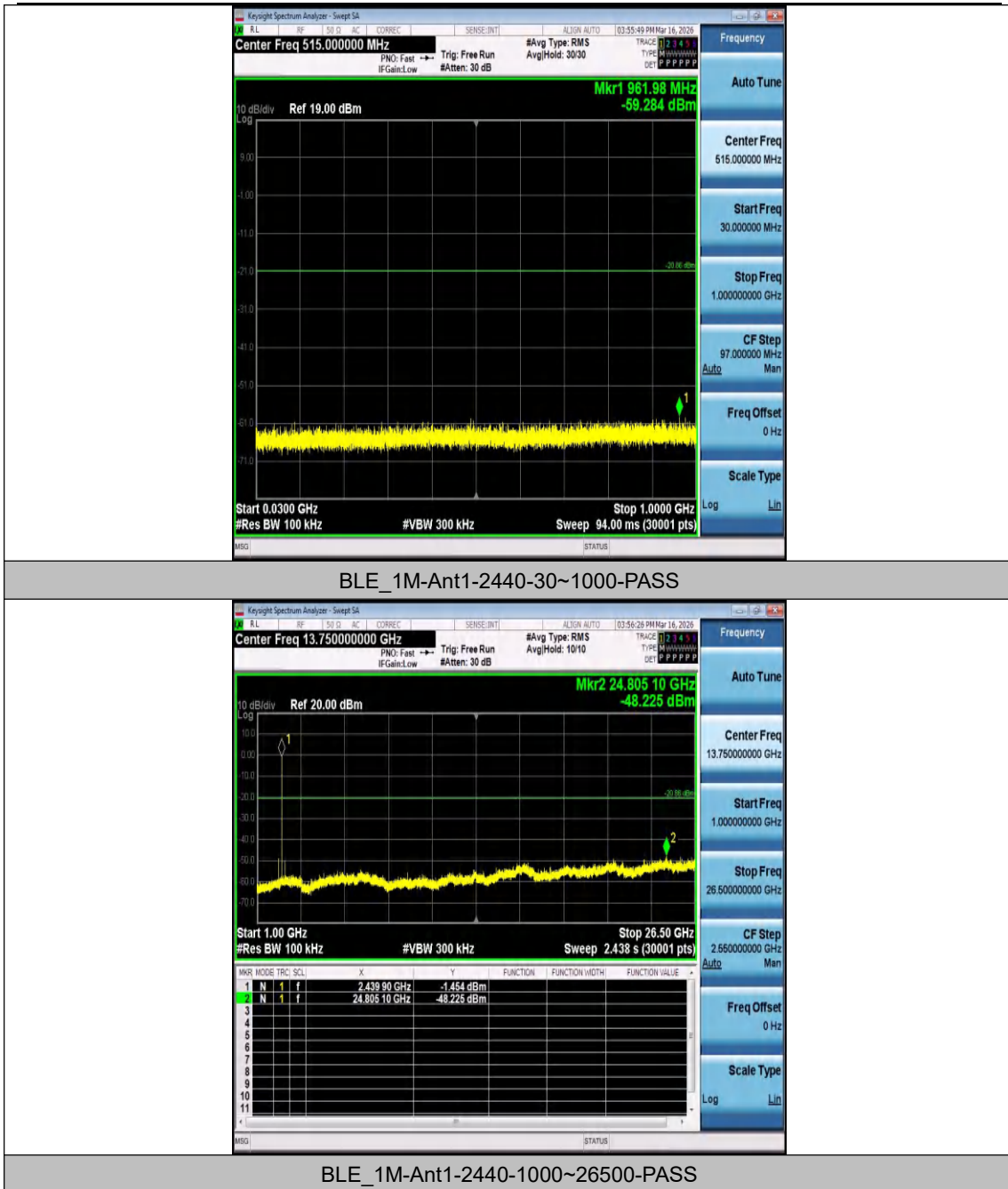
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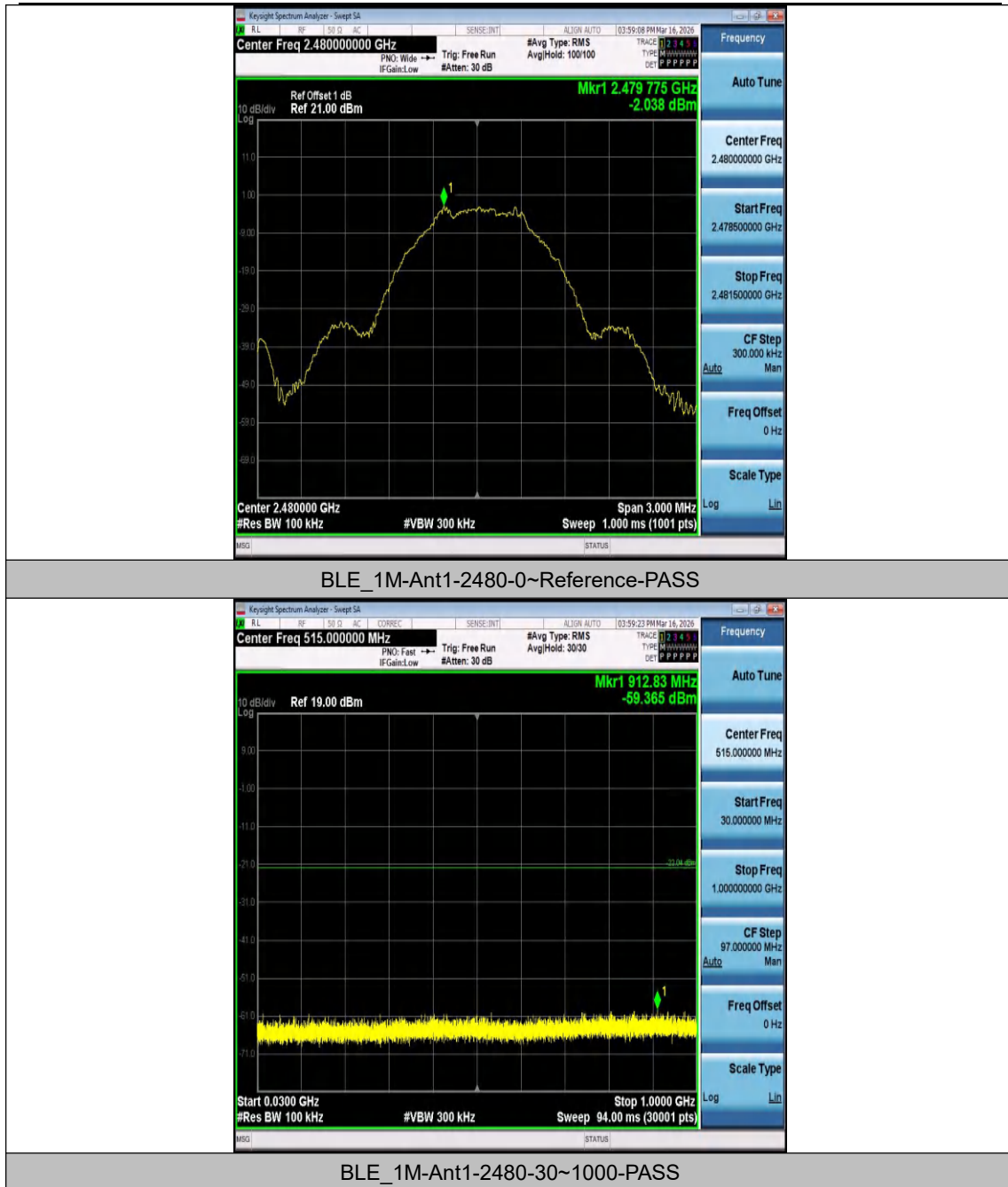
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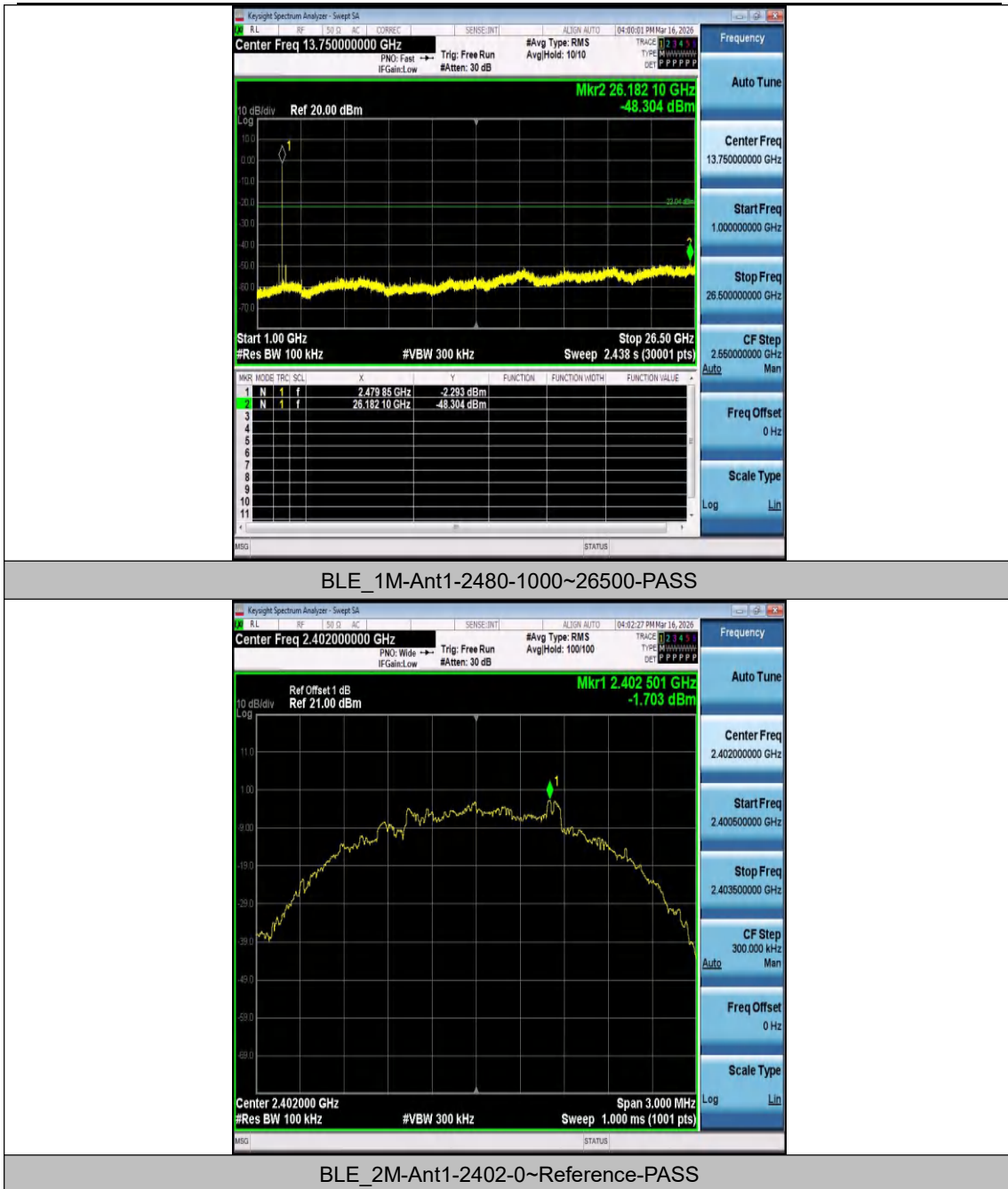
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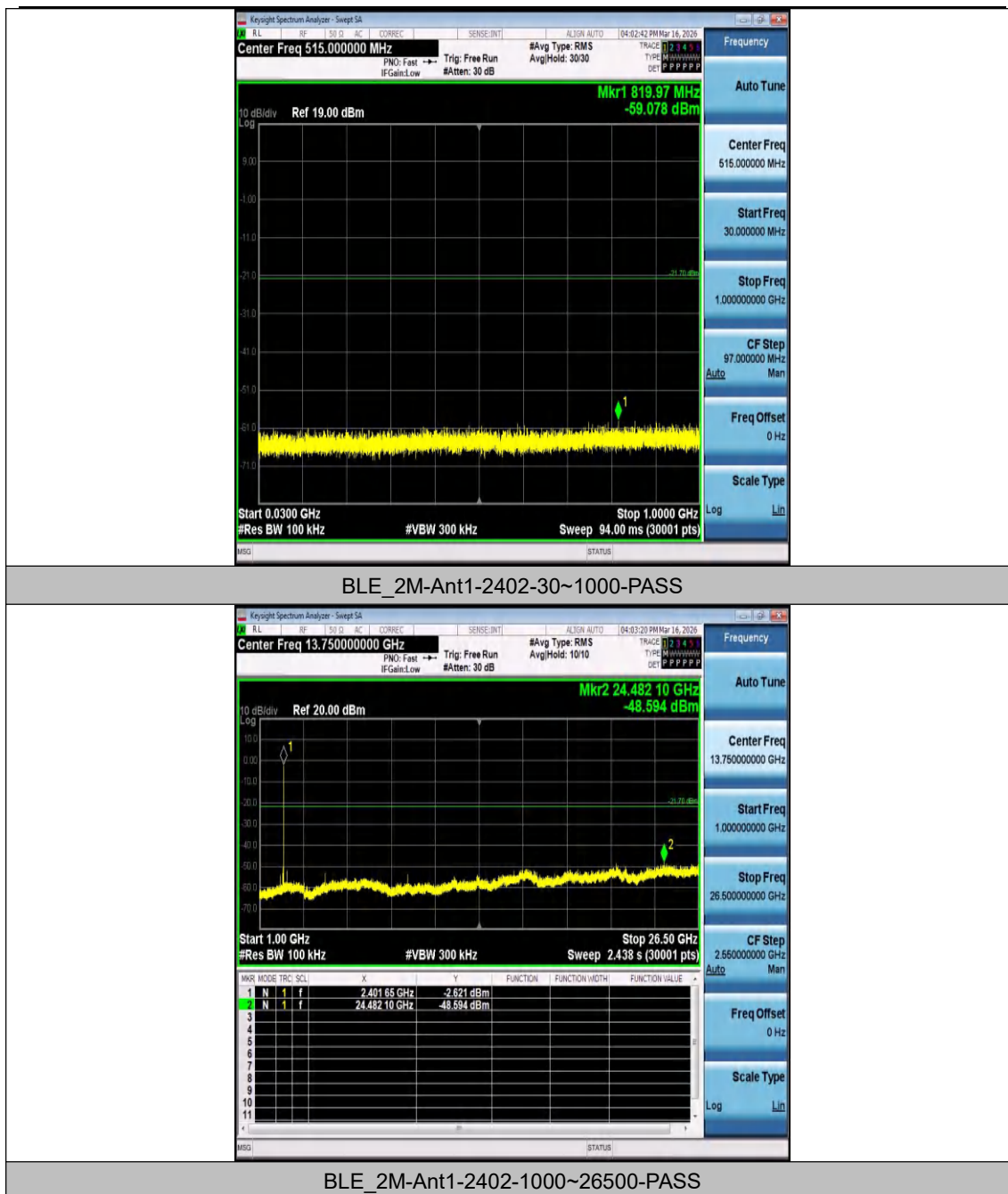
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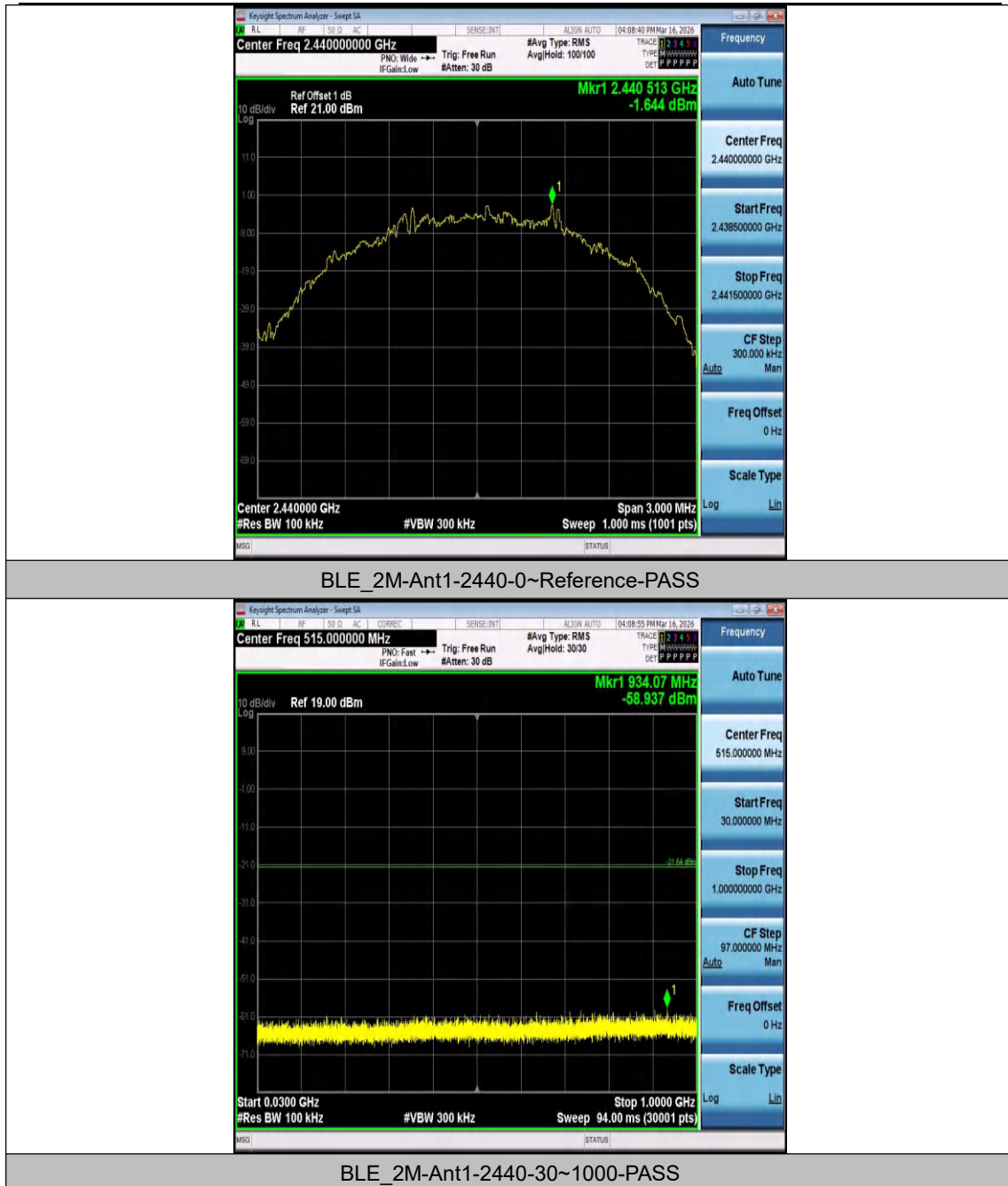
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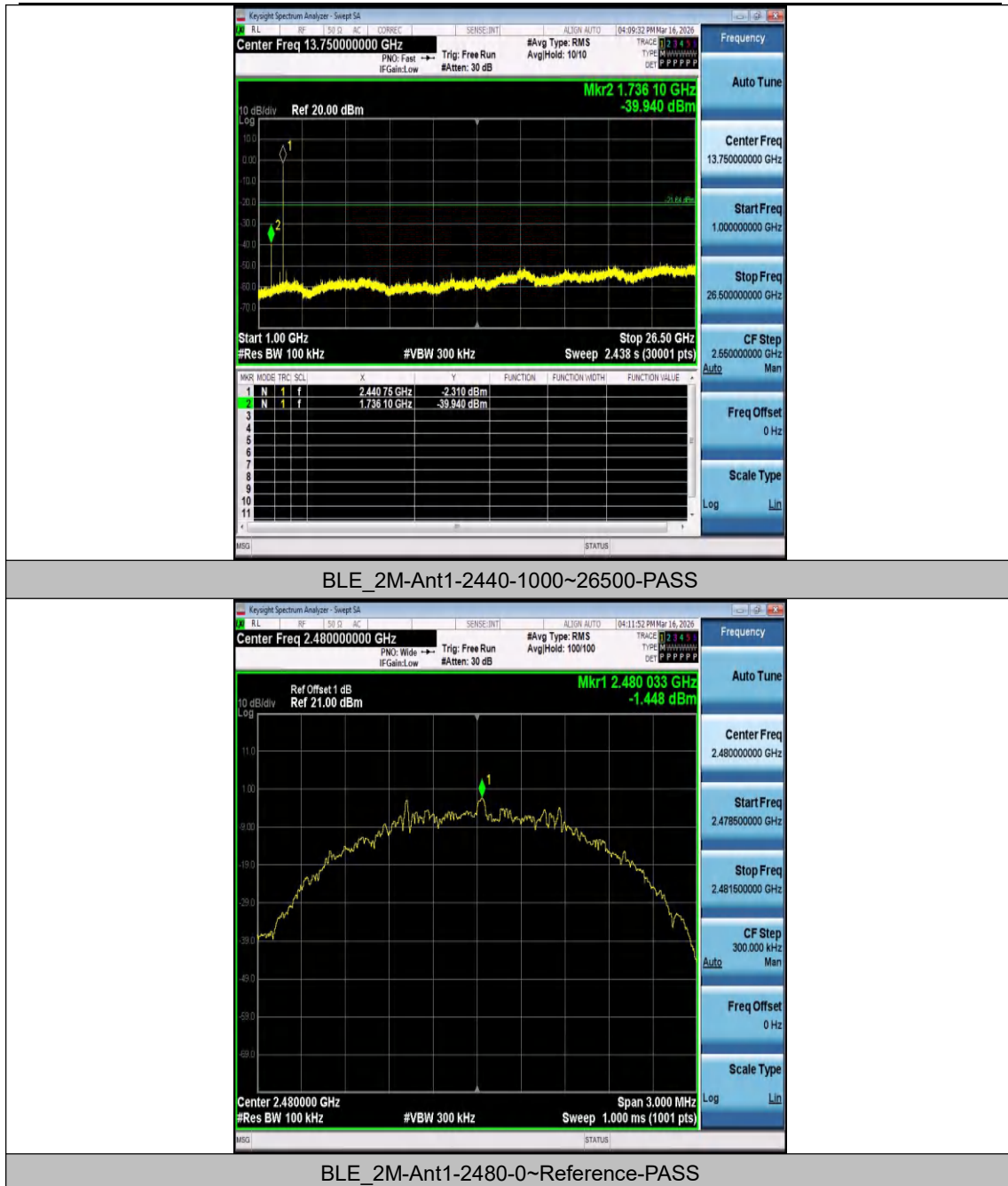
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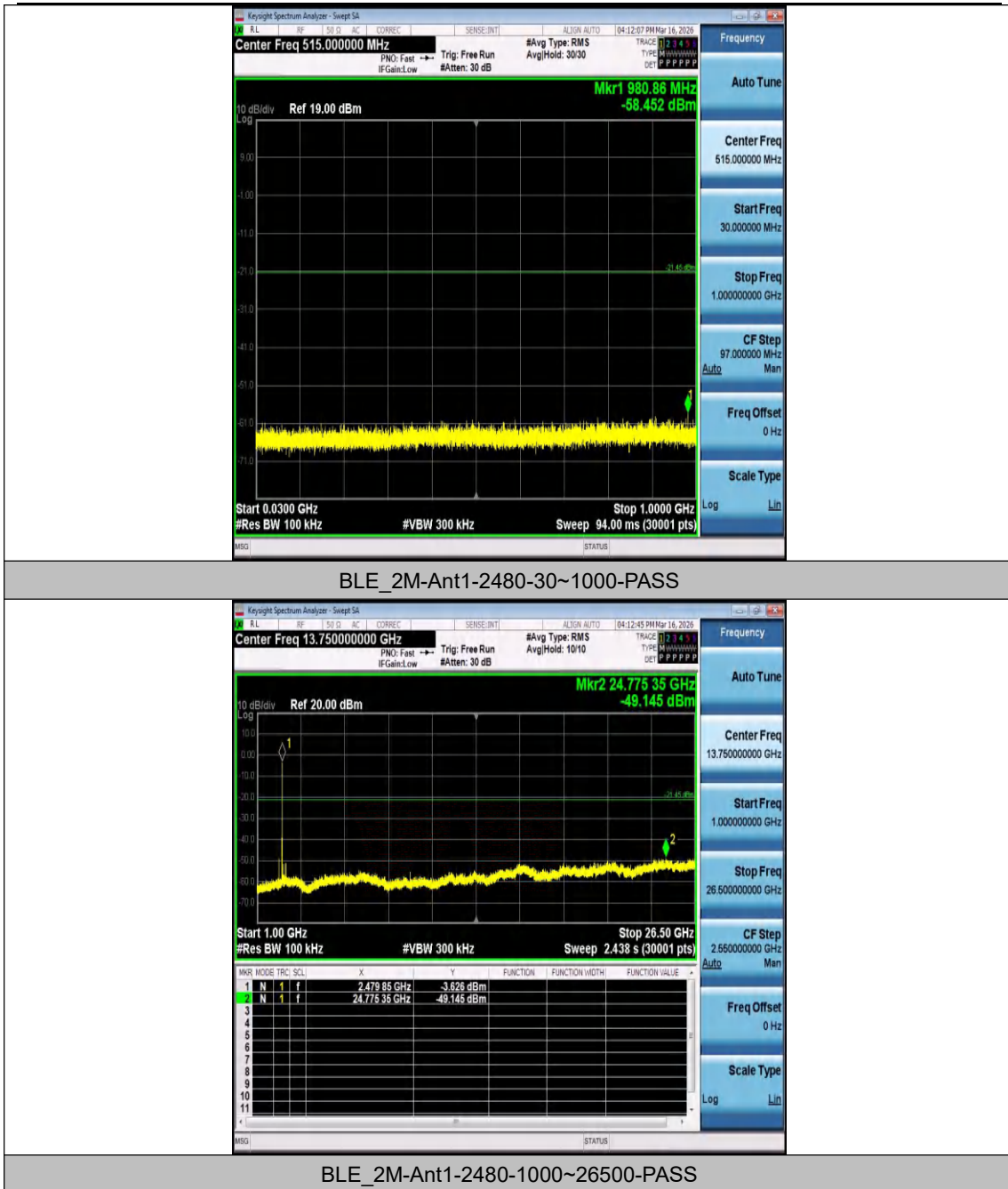
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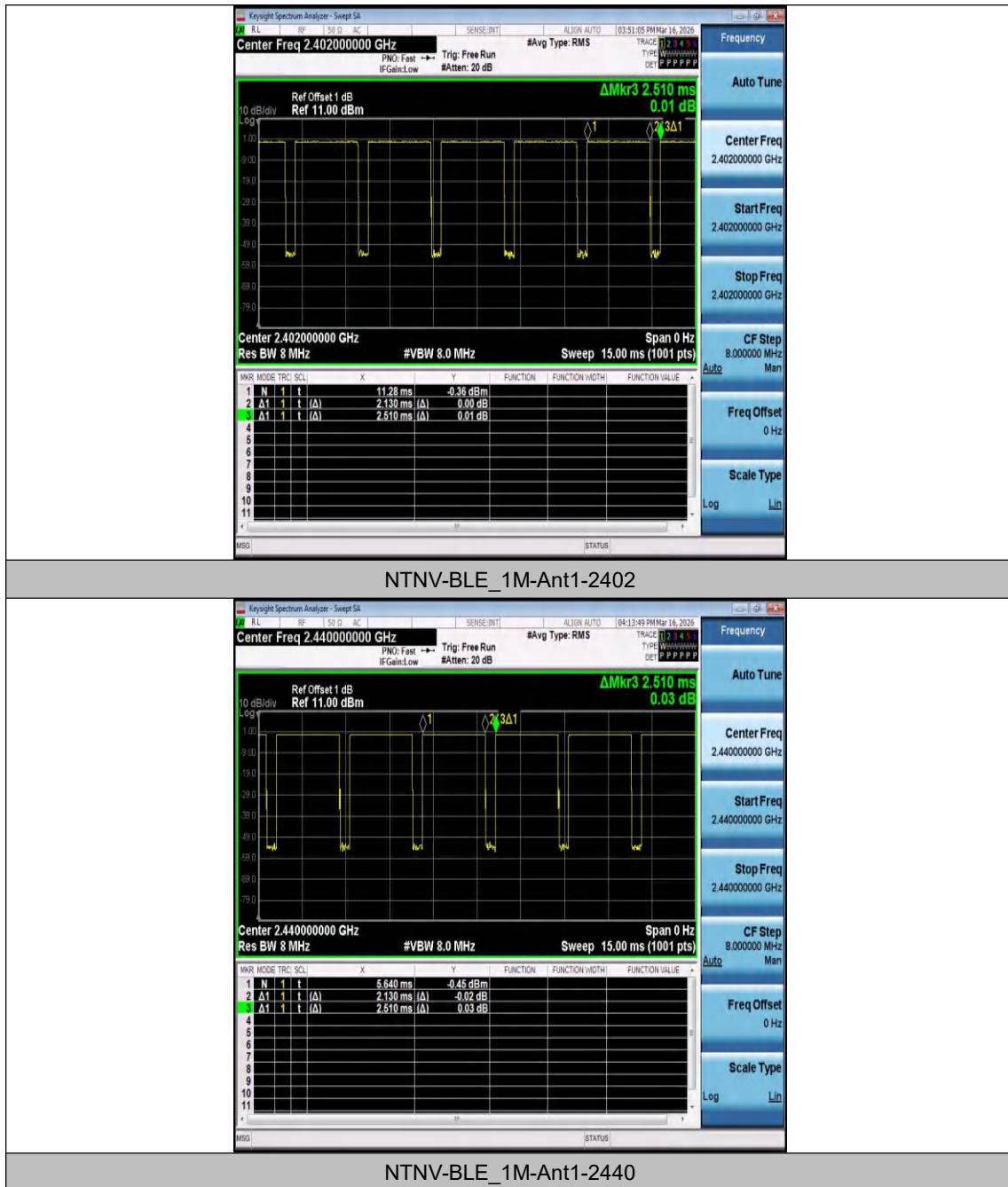
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2402	1.10	2.50	44.00	3.57
BLE_2M	Ant1	2440	1.10	2.50	44.00	3.57
BLE_2M	Ant1	2480	1.10	2.50	44.00	3.57

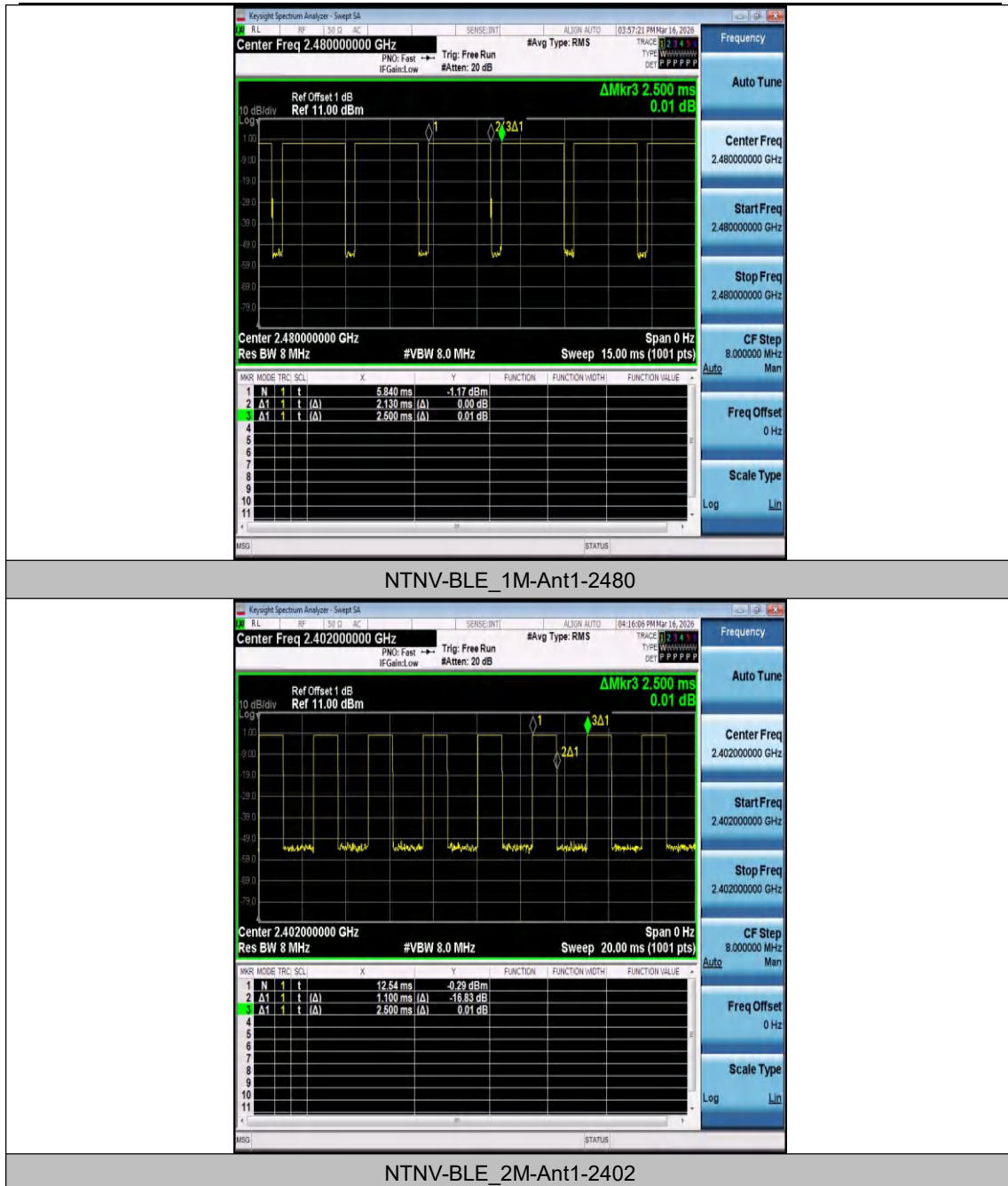
Test Graphs

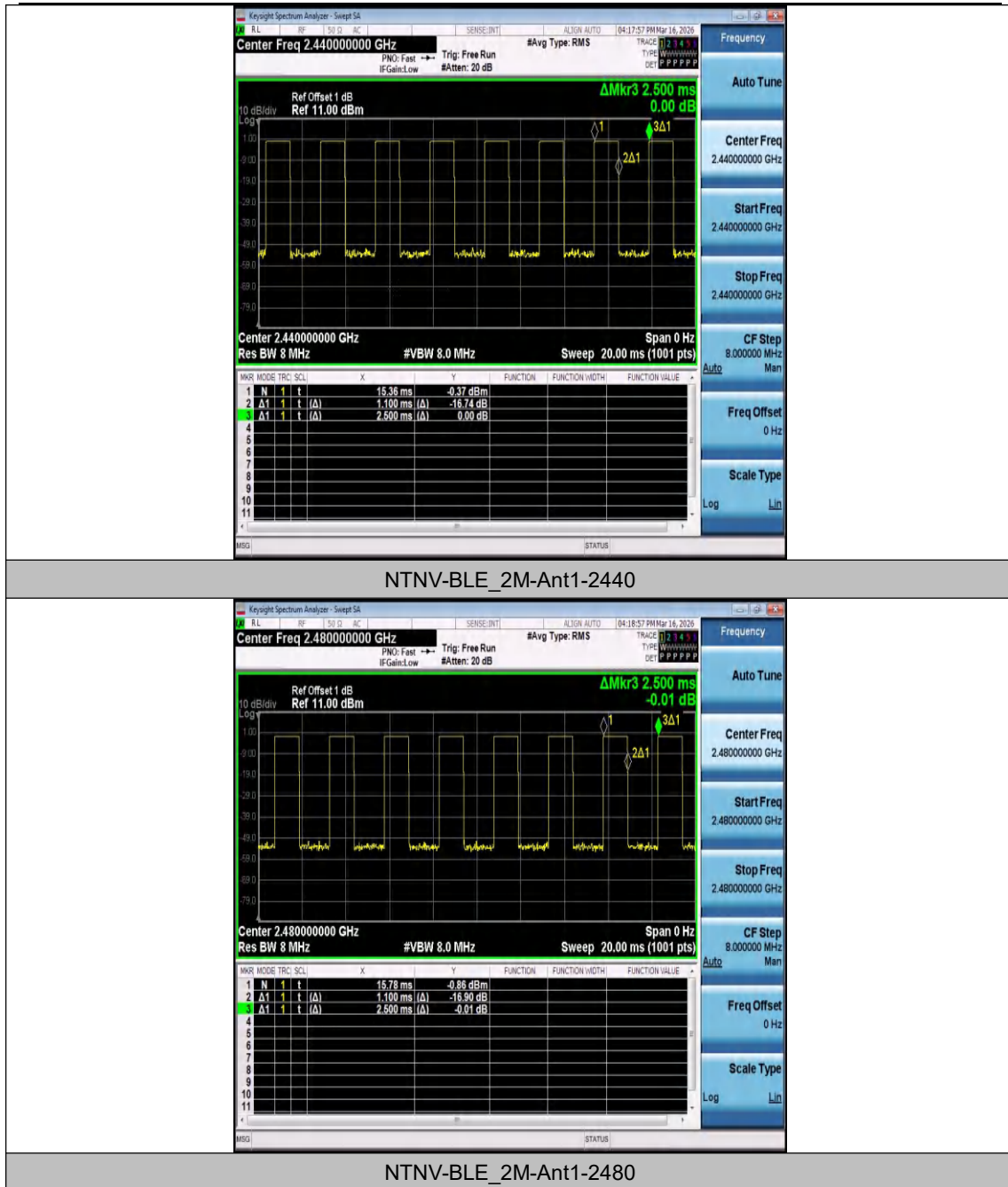


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