

Appendix Test Data

Report No.:	1818C60122412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-20	Finish Test Date:	2026-8-21
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	19.4°C	Relative Humidity:	60%
Pressure:	101kPa		

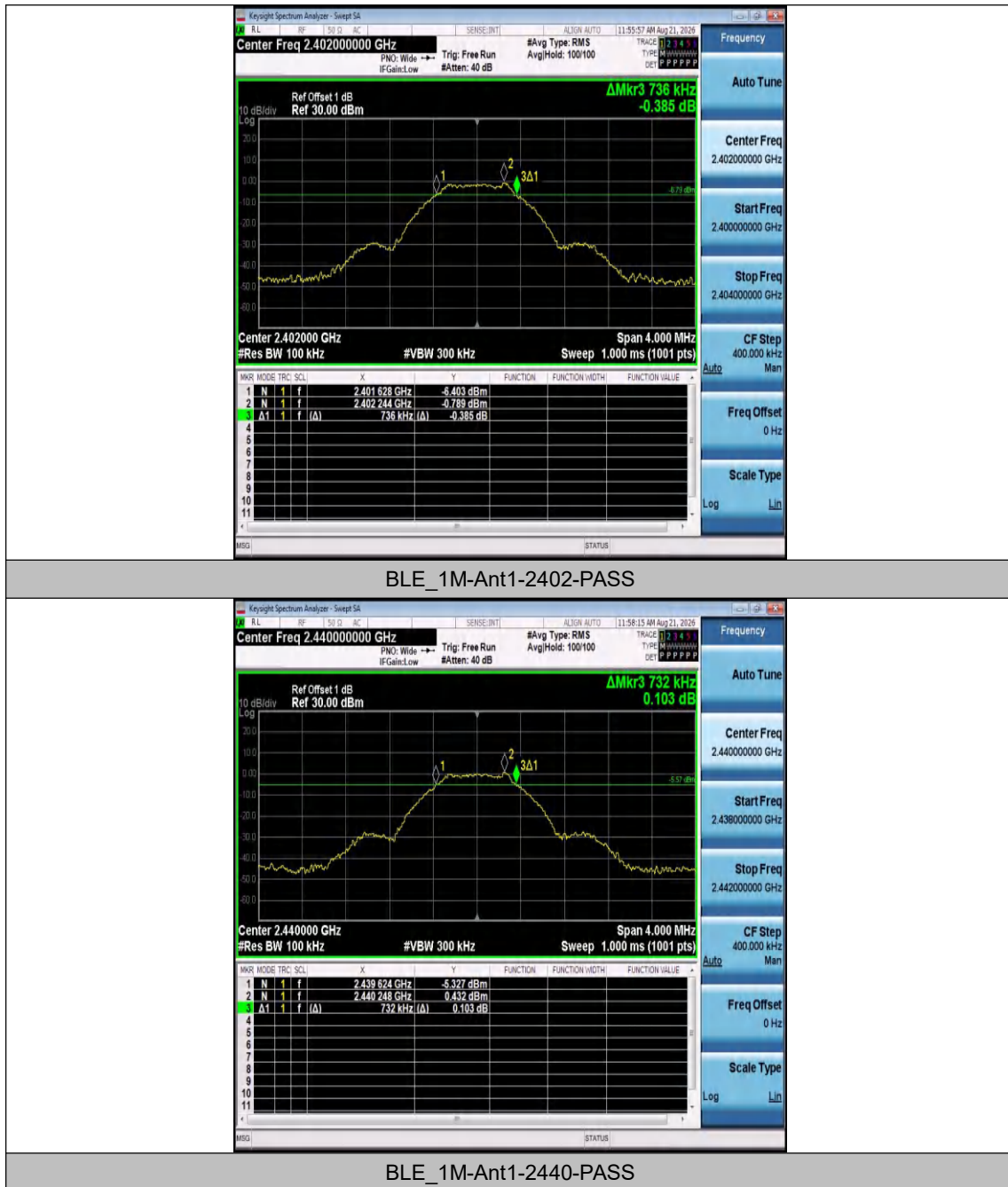


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.736	2401.628	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.732	2439.624	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.740	2479.628	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.312	2401.344	2402.656	0.5	PASS
BLE_2M	Ant1	2440	1.316	2439.344	2440.660	0.5	PASS
BLE_2M	Ant1	2480	1.456	2479.224	2480.680	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	1.0740	2401.4649	2402.5389	---	---
BLE_1M	Ant1	2440	1.0851	2439.4599	2440.5450	---	---
BLE_1M	Ant1	2480	1.0874	2479.4560	2480.5434	---	---
BLE_2M	Ant1	2402	2.2344	2400.8849	2403.1193	---	---
BLE_2M	Ant1	2440	2.2327	2438.8861	2441.1188	---	---
BLE_2M	Ant1	2480	2.2802	2478.8509	2481.1311	---	---

Test Graphs



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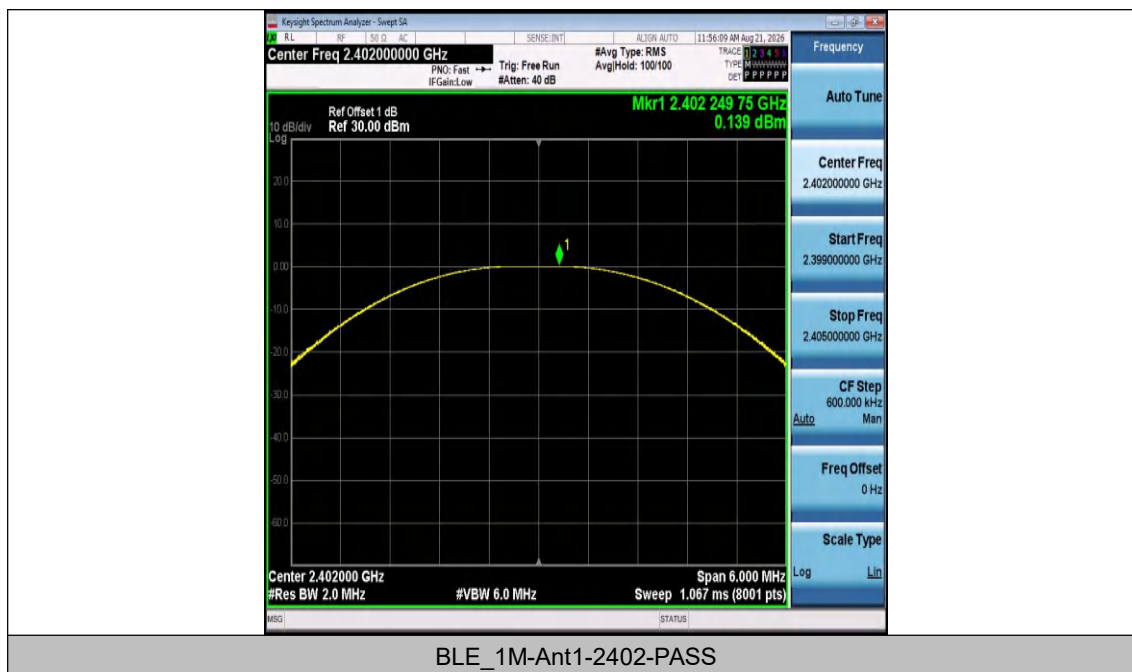
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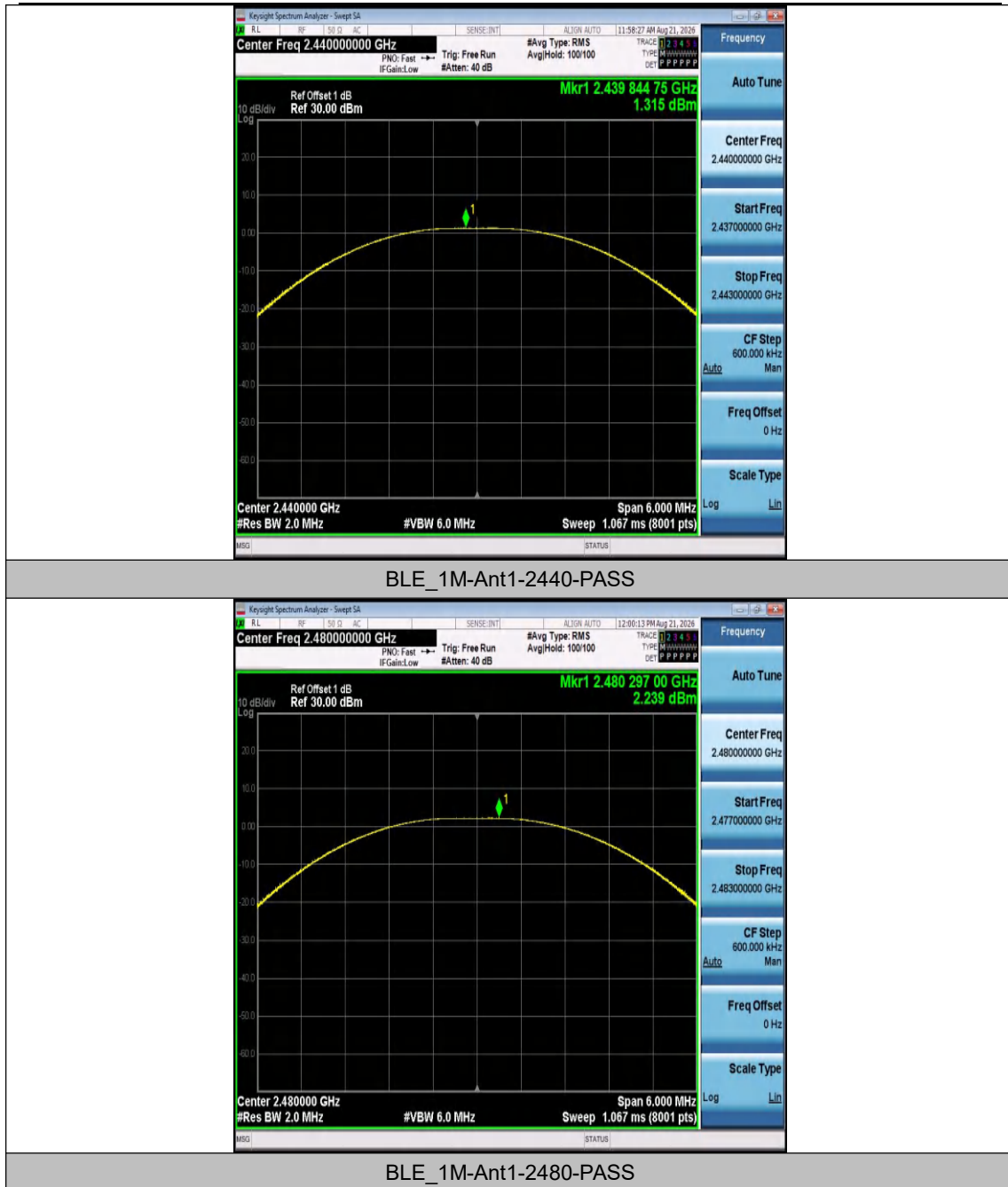
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.14	≤30	PASS
BLE_1M	Ant1	2440	1.32	≤30	PASS
BLE_1M	Ant1	2480	2.24	≤30	PASS
BLE_2M	Ant1	2402	0.16	≤30	PASS
BLE_2M	Ant1	2440	1.32	≤30	PASS
BLE_2M	Ant1	2480	2.24	≤30	PASS

Test Graphs Peak

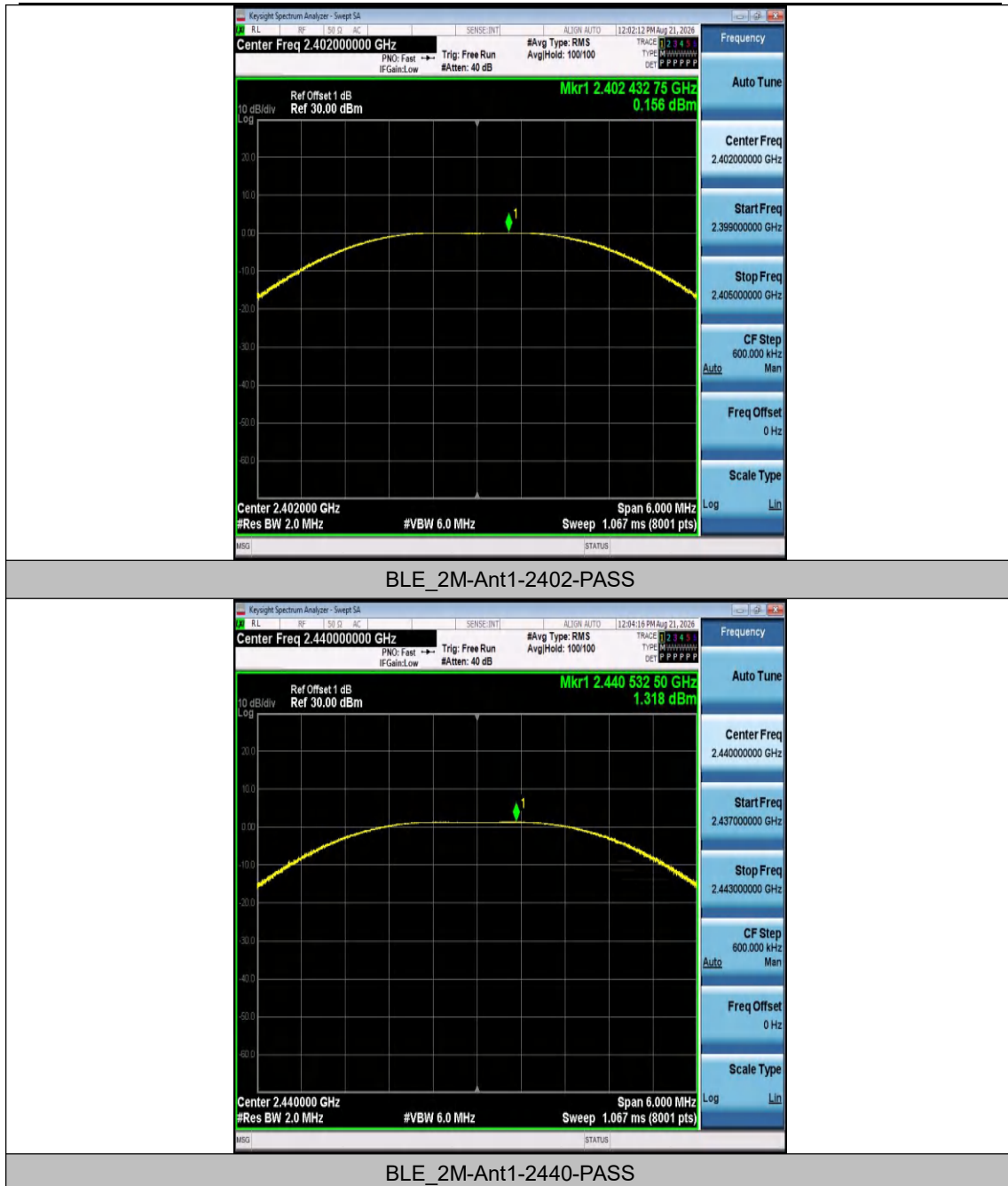




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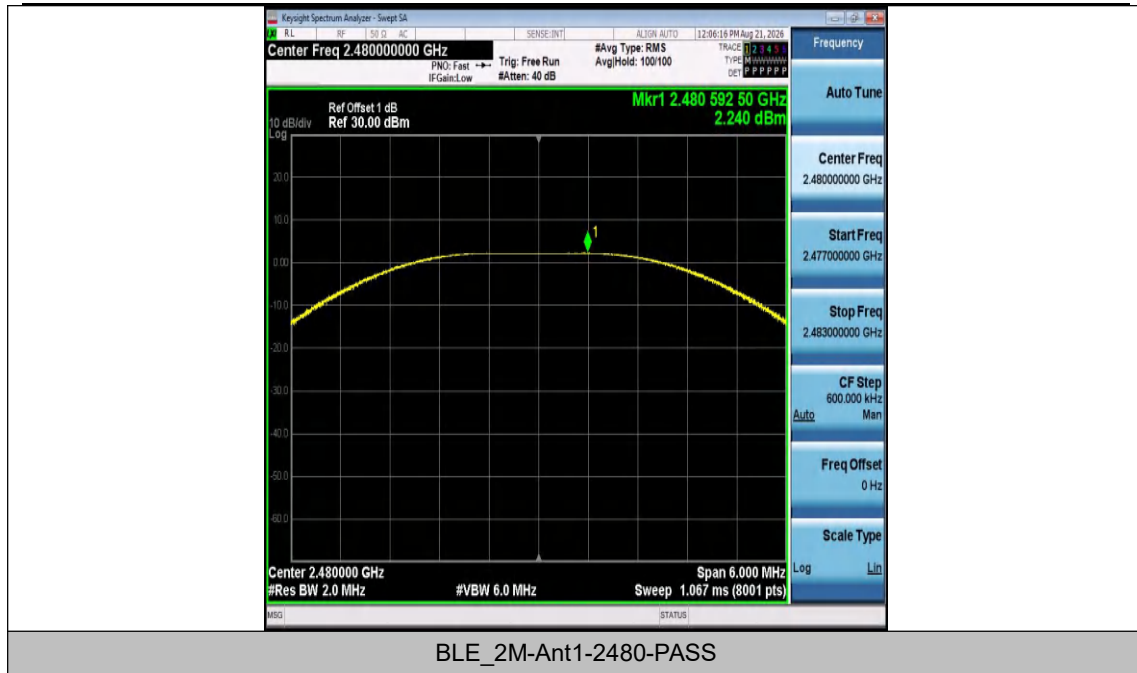
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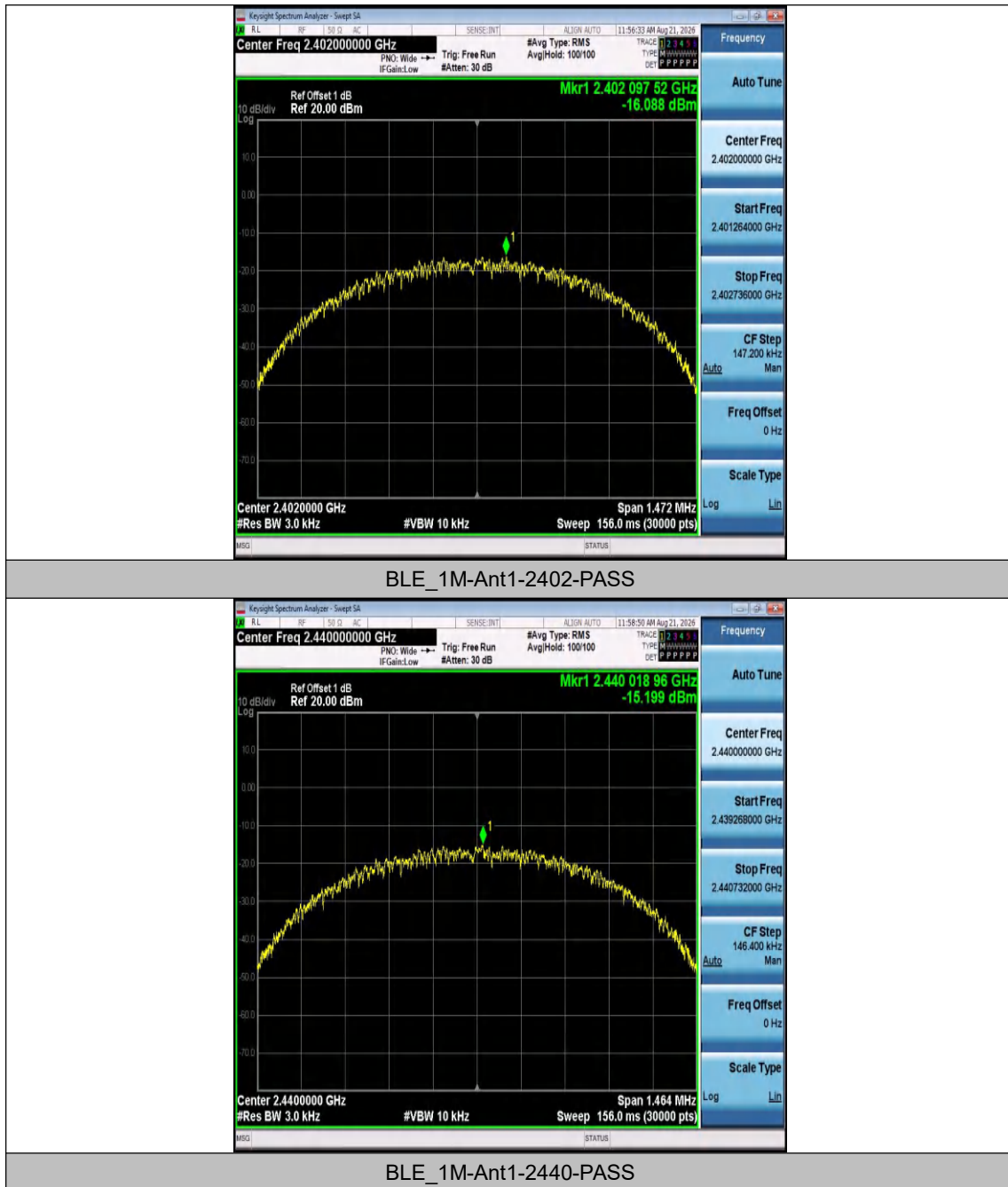
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.09	≤8.00	PASS
BLE_1M	Ant1	2440	-15.20	≤8.00	PASS
BLE_1M	Ant1	2480	-14.27	≤8.00	PASS
BLE_2M	Ant1	2402	-16.99	≤8.00	PASS
BLE_2M	Ant1	2440	-15.93	≤8.00	PASS
BLE_2M	Ant1	2480	-15.24	≤8.00	PASS

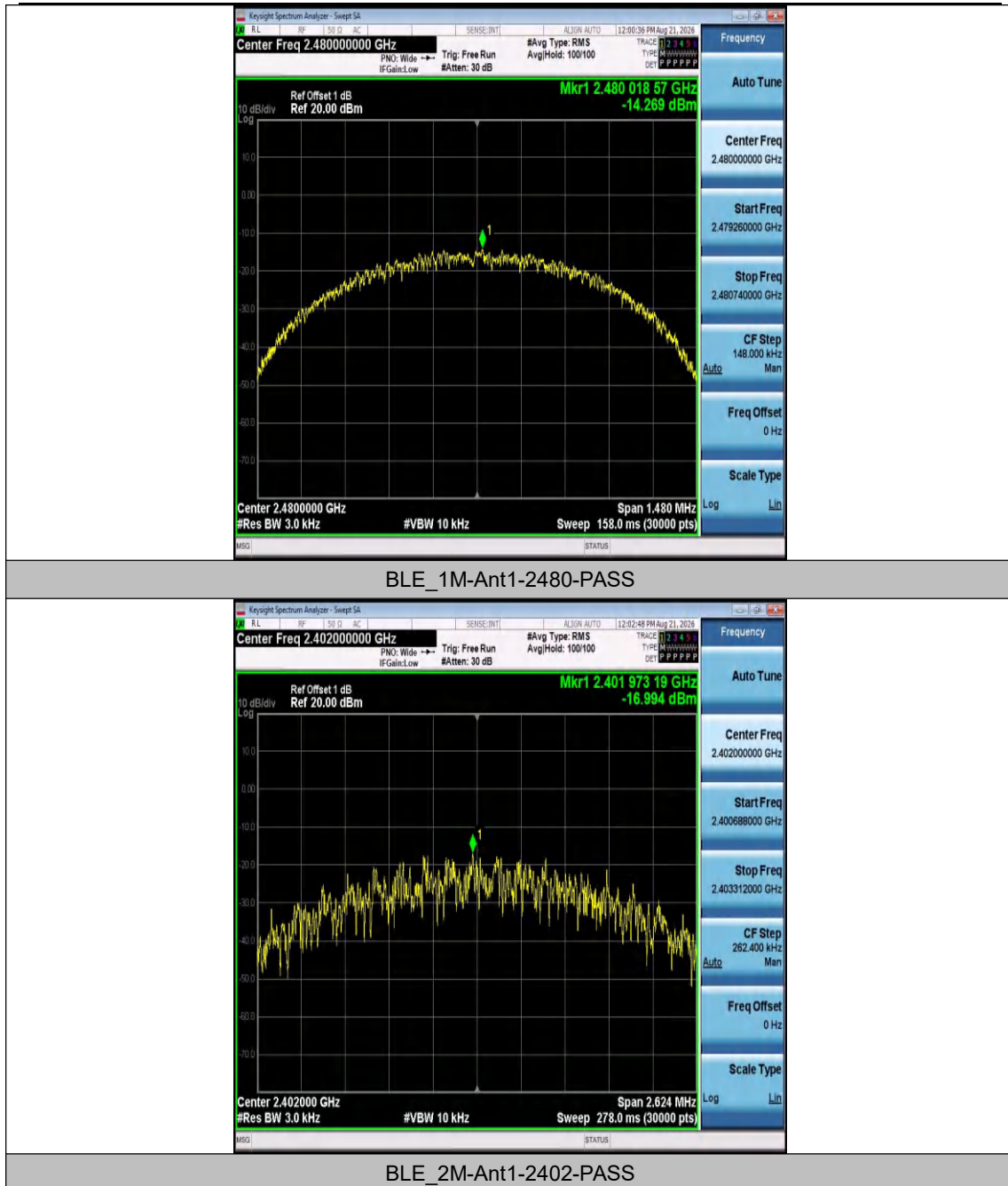
Test Graphs



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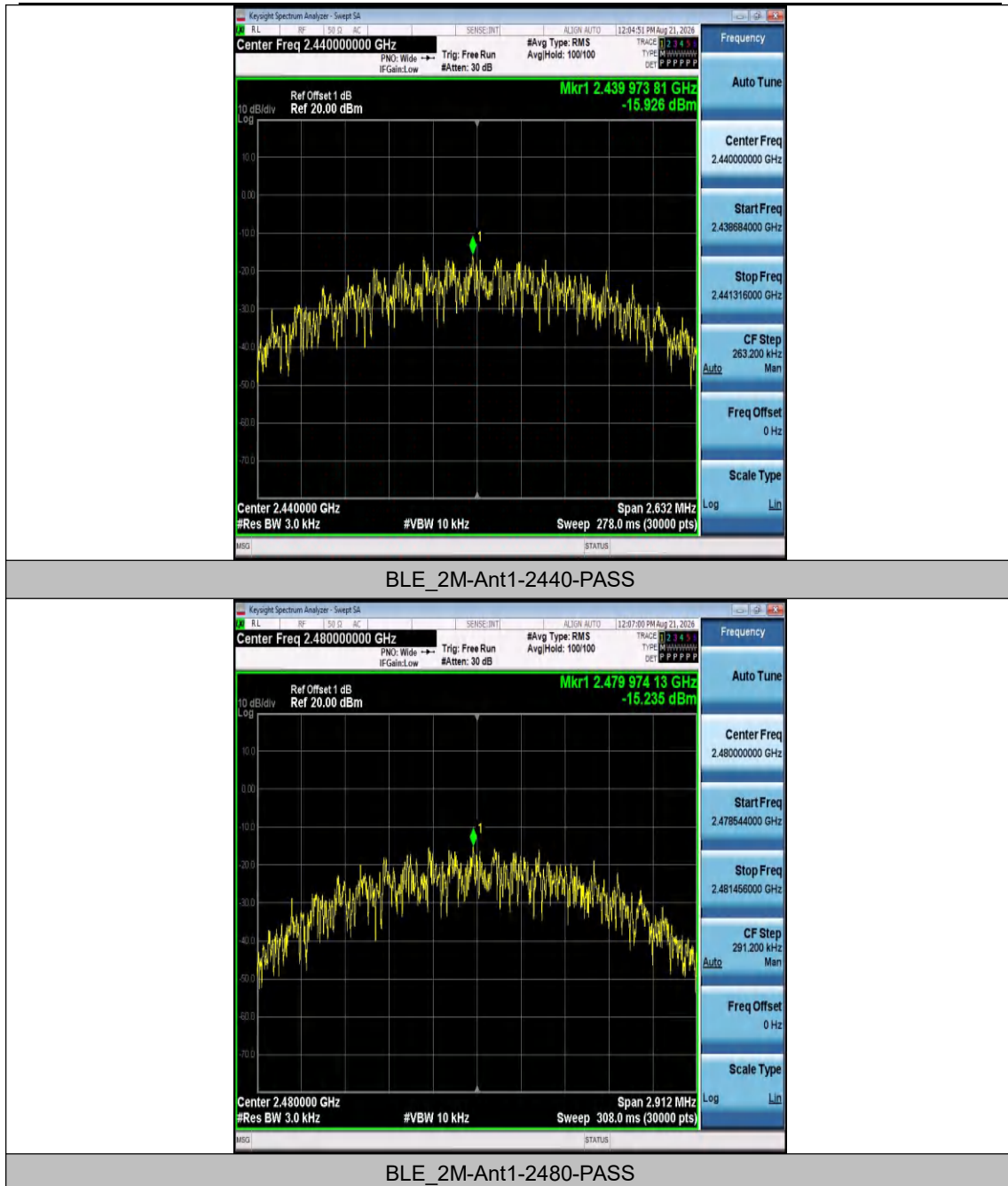
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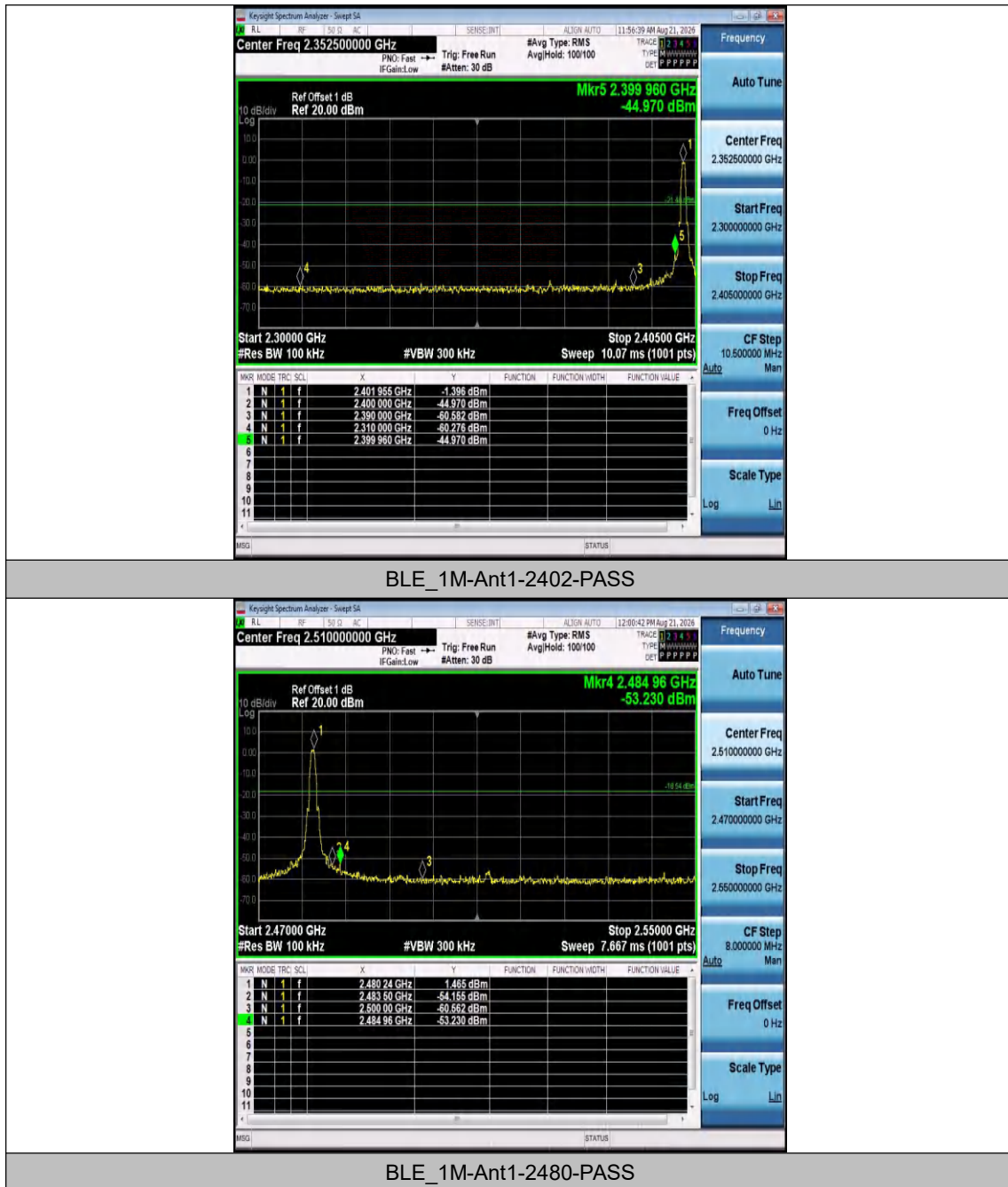
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.40	-44.97	≤-21.4	PASS
BLE_1M	Ant1	High	2480	1.47	-53.23	≤-18.54	PASS
BLE_2M	Ant1	Low	2402	-2.50	-30.79	≤-22.5	PASS
BLE_2M	Ant1	High	2480	-0.48	-52.12	≤-20.48	PASS

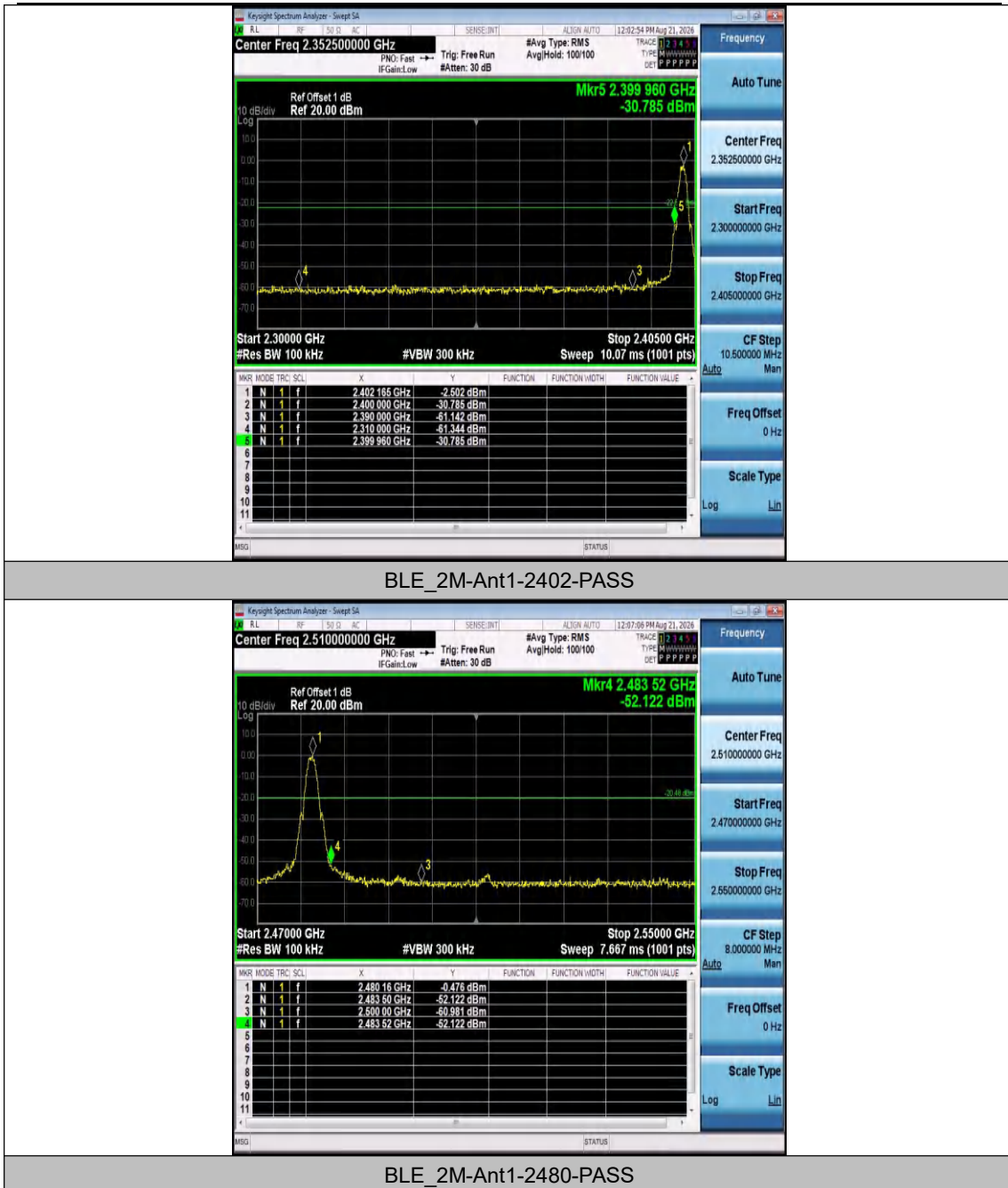
Test Graphs



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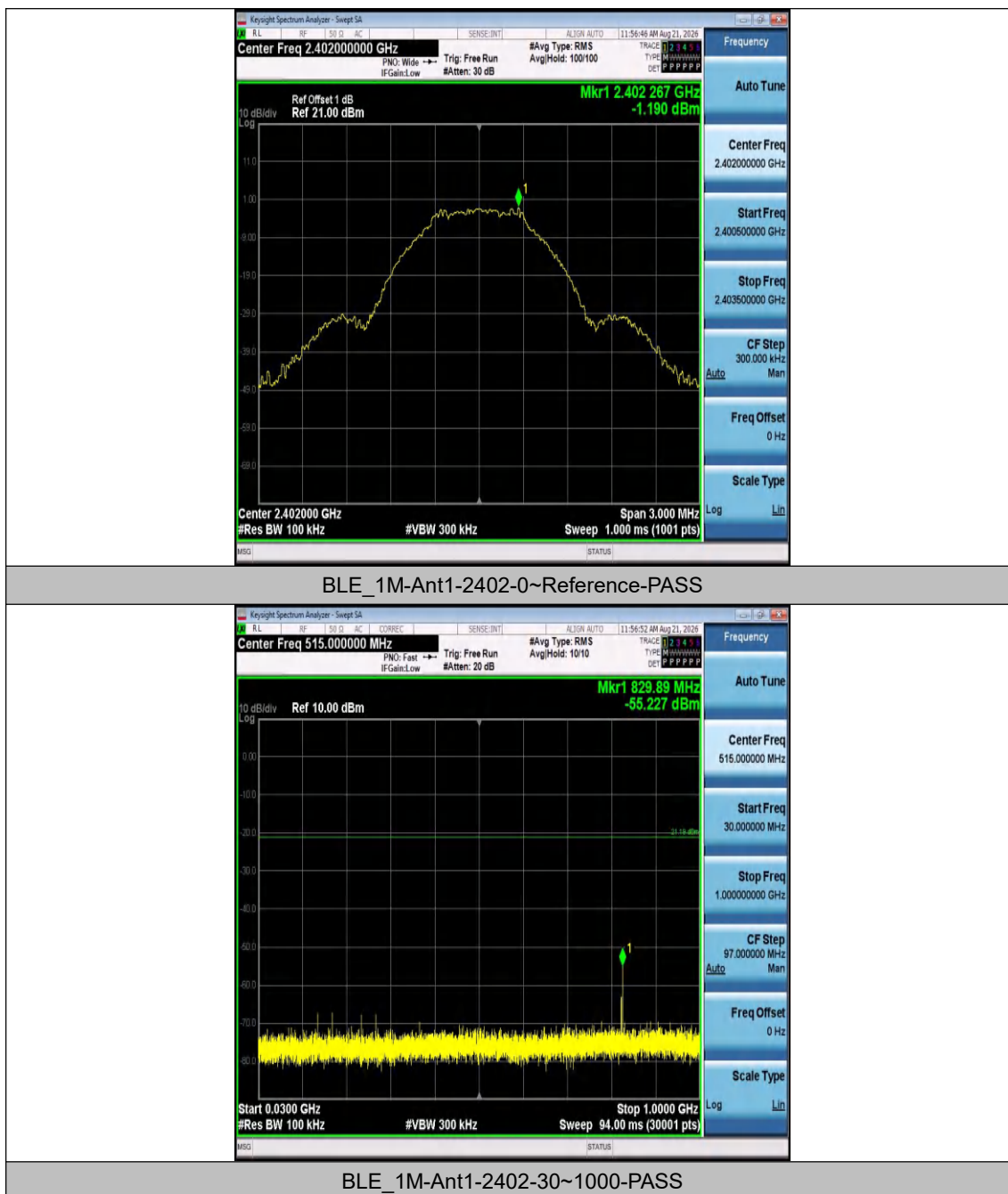
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.19	-1.19	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.19	-55.23	≤-21.19	PASS
BLE_1M	Ant1	2402	1000~26500	-1.19	-23.15	≤-21.19	PASS
BLE_1M	Ant1	2440	0~Reference	0.42	0.42	---	PASS
BLE_1M	Ant1	2440	30~1000	0.42	-68.42	≤-19.58	PASS
BLE_1M	Ant1	2440	1000~26500	0.42	-22.58	≤-19.58	PASS
BLE_1M	Ant1	2480	0~Reference	1.32	1.32	---	PASS
BLE_1M	Ant1	2480	30~1000	1.32	-68.31	≤-18.68	PASS
BLE_1M	Ant1	2480	1000~26500	1.32	-21.89	≤-18.68	PASS
BLE_2M	Ant1	2402	0~Reference	-2.79	-2.79	---	PASS
BLE_2M	Ant1	2402	30~1000	-2.79	-66.84	≤-22.79	PASS
BLE_2M	Ant1	2402	1000~26500	-2.79	-28.04	≤-22.79	PASS
BLE_2M	Ant1	2440	0~Reference	-1.79	-1.79	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.79	-68.25	≤-21.79	PASS
BLE_2M	Ant1	2440	1000~26500	-1.79	-23.17	≤-21.79	PASS
BLE_2M	Ant1	2480	0~Reference	-0.97	-0.97	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.97	-68.05	≤-20.97	PASS
BLE_2M	Ant1	2480	1000~26500	-0.97	-25.25	≤-20.97	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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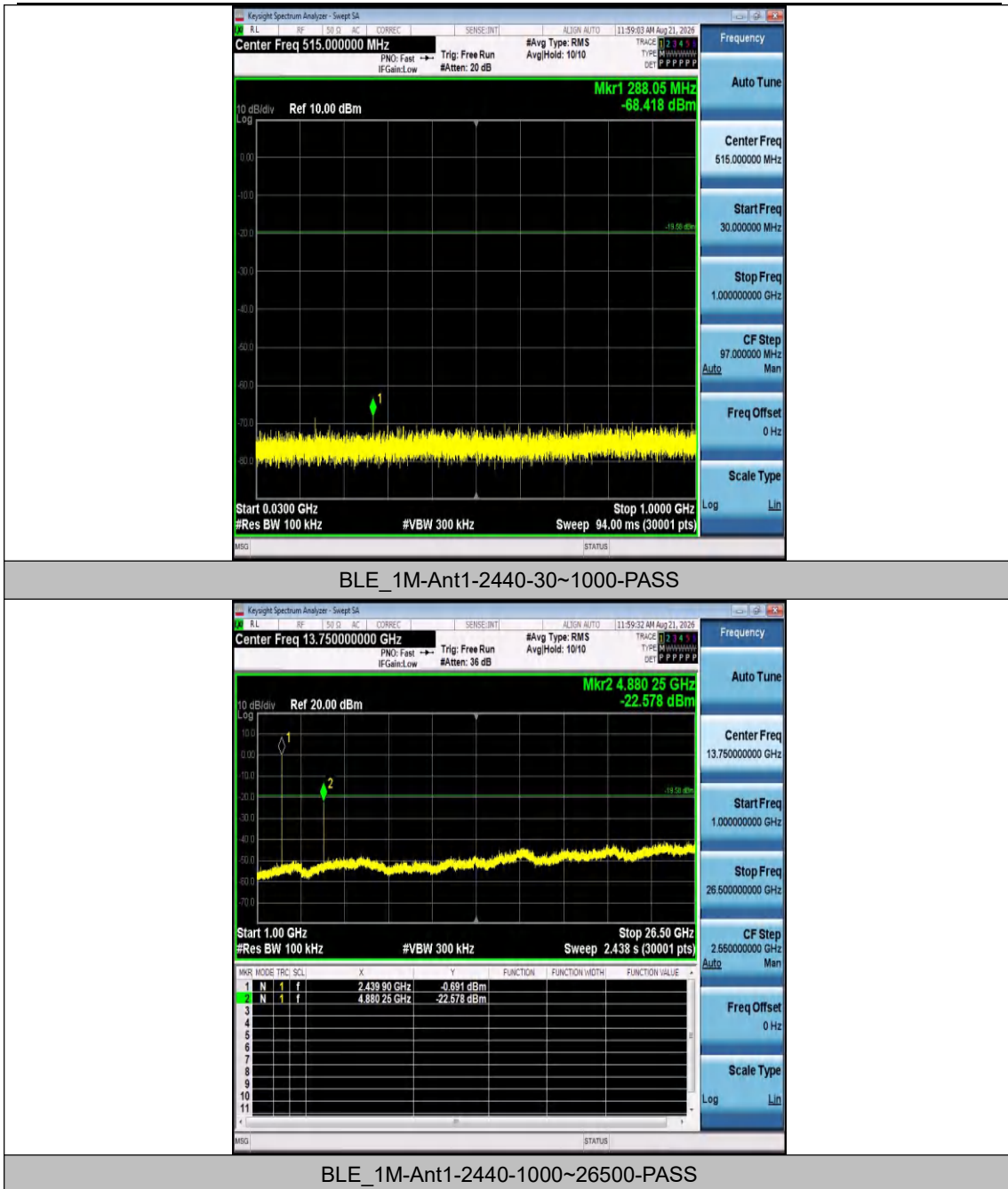
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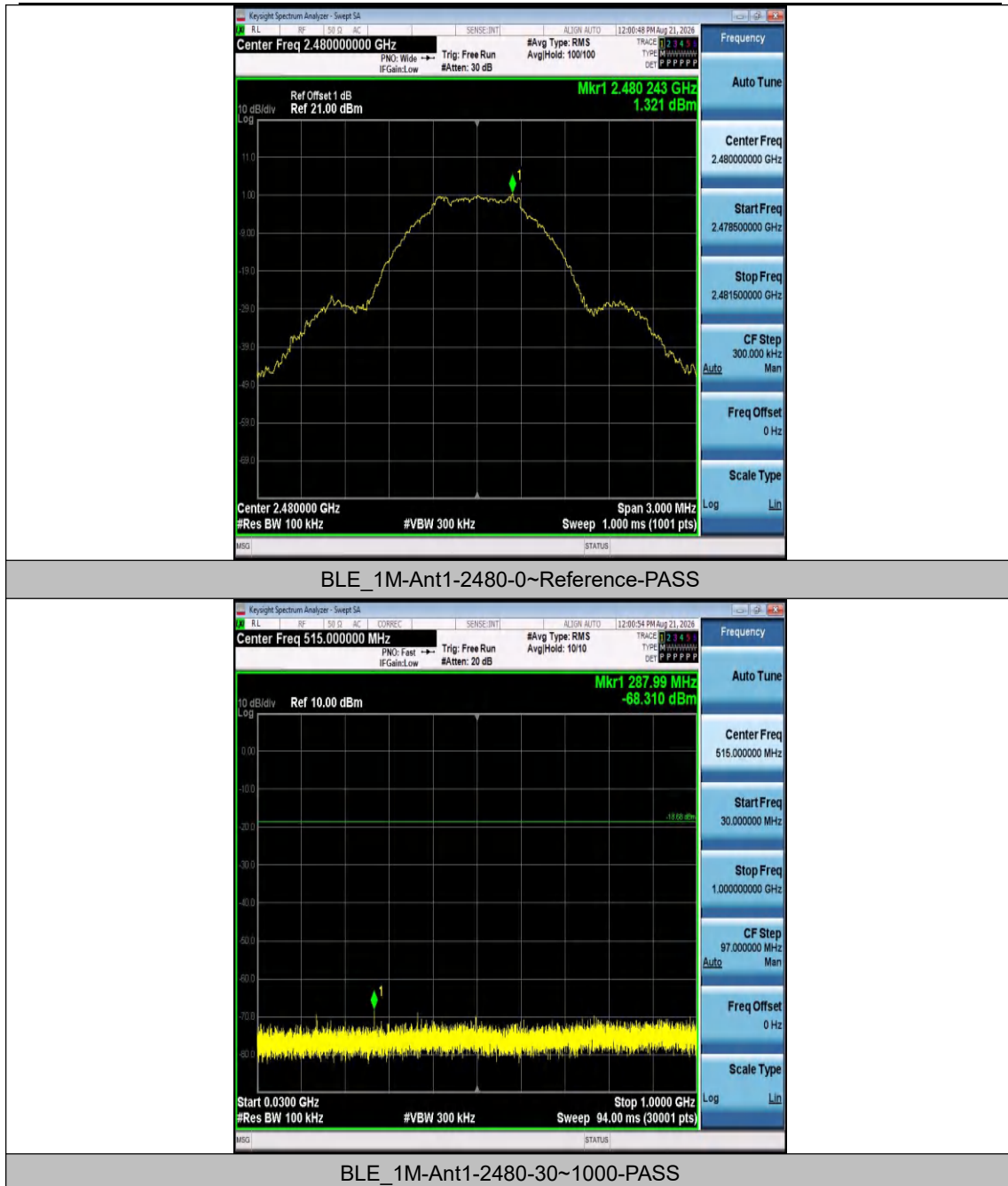
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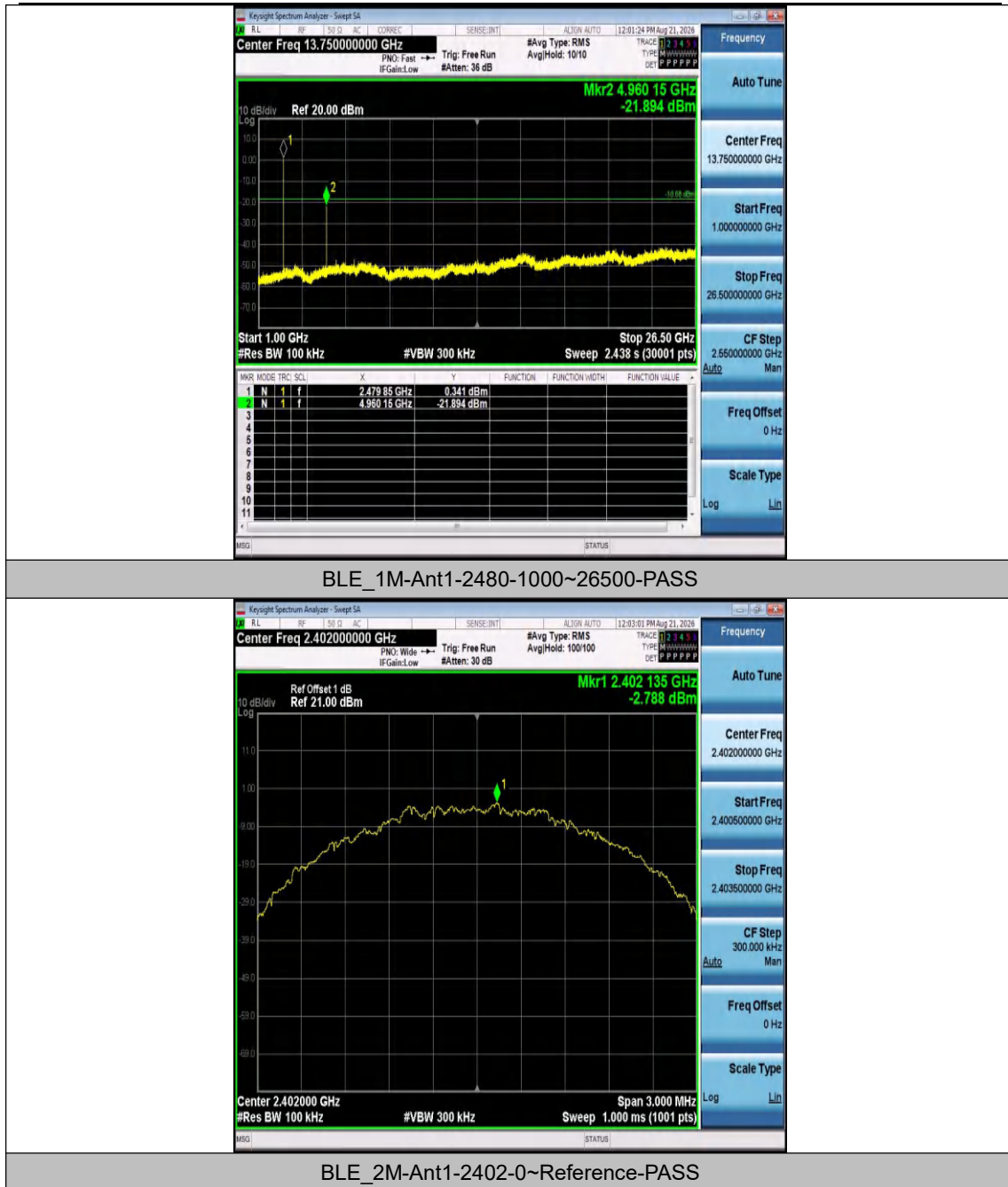
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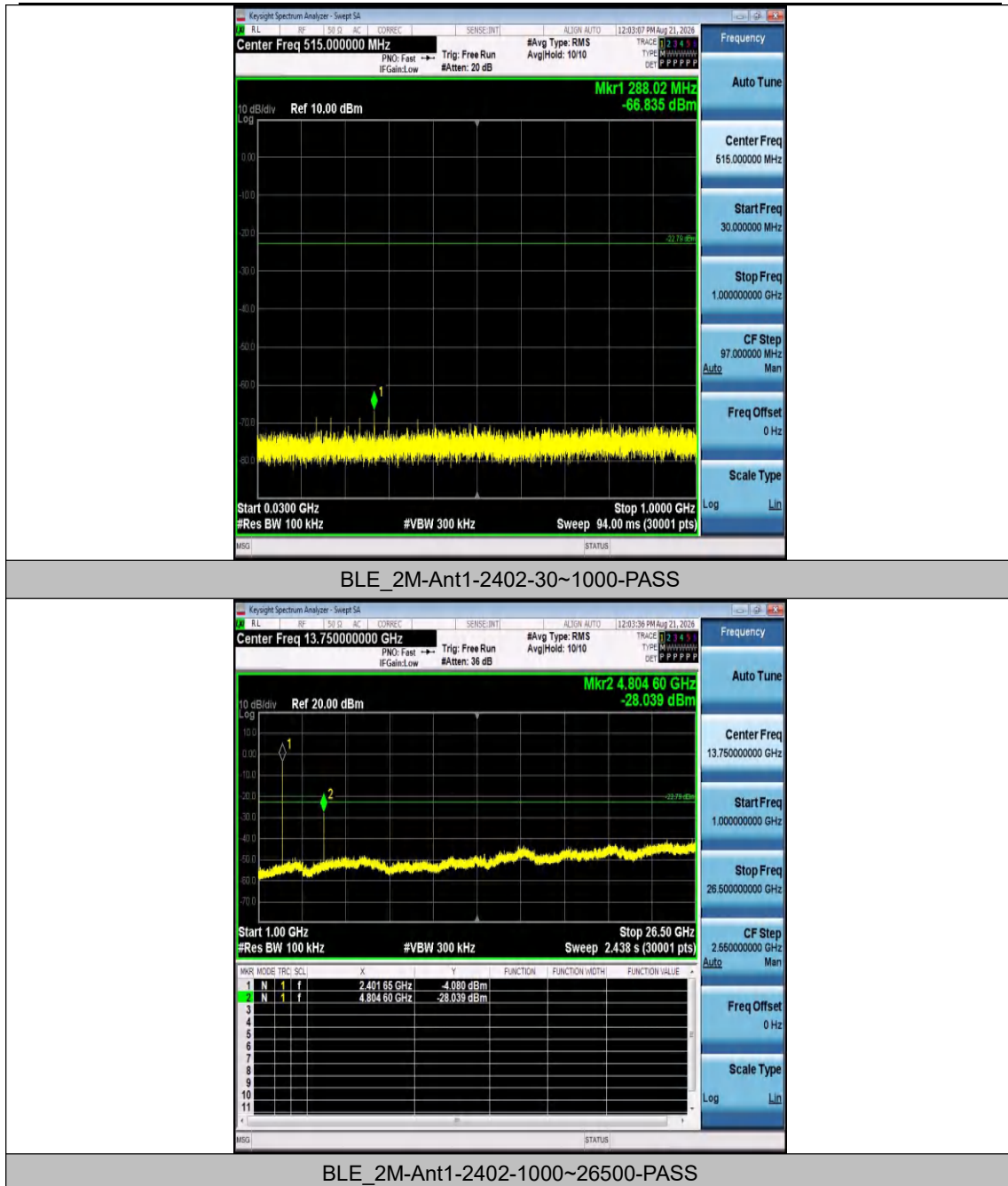
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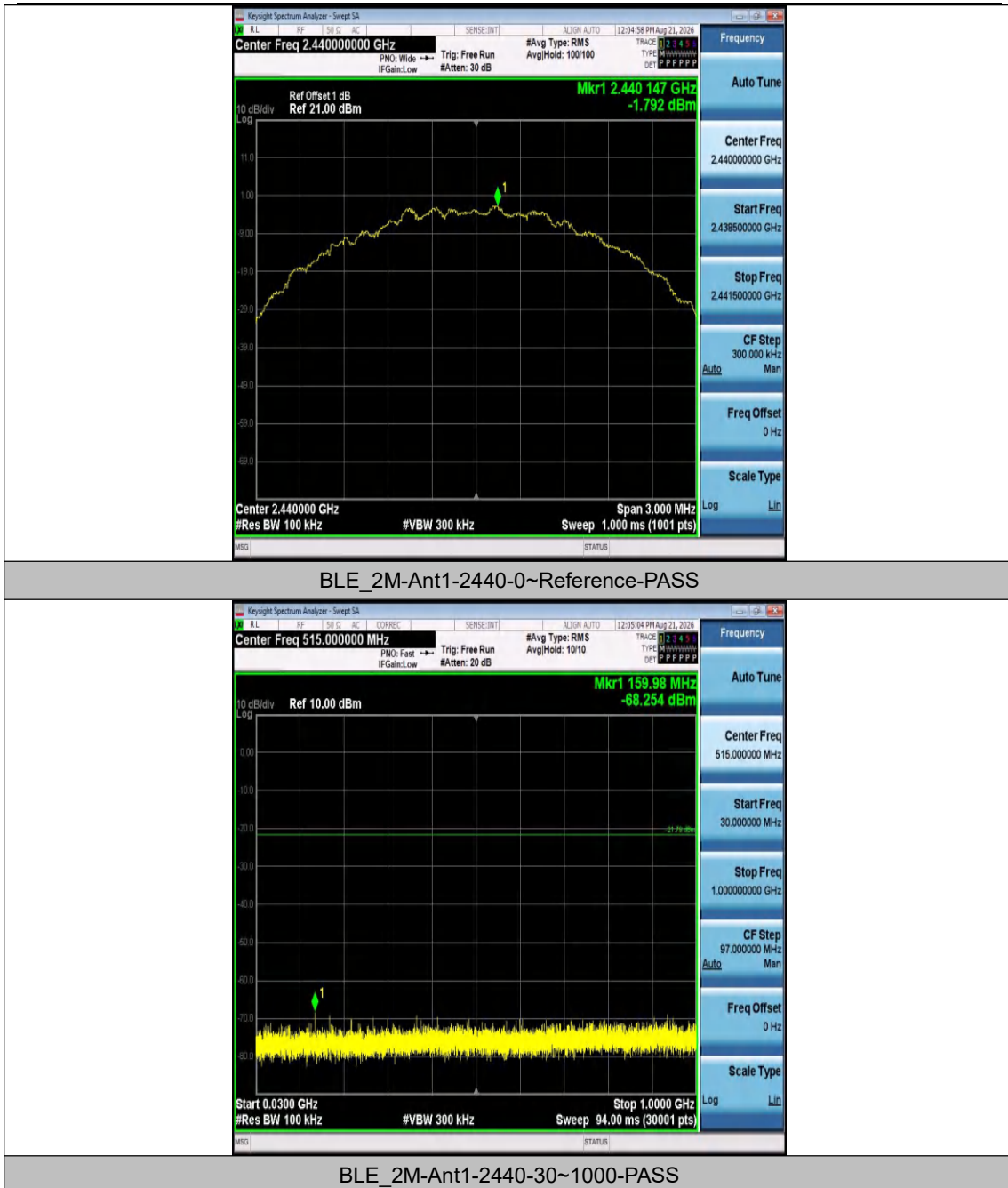
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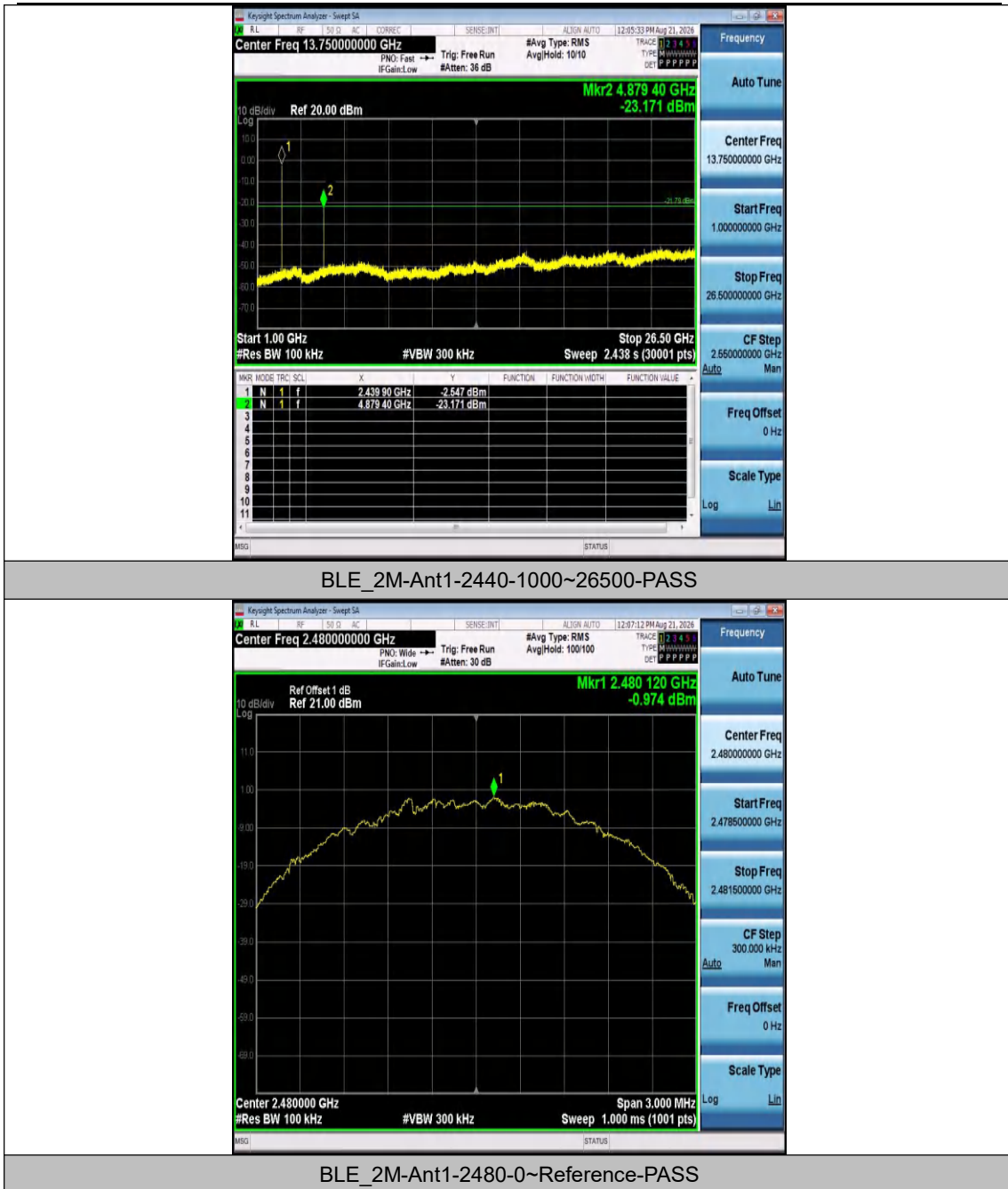
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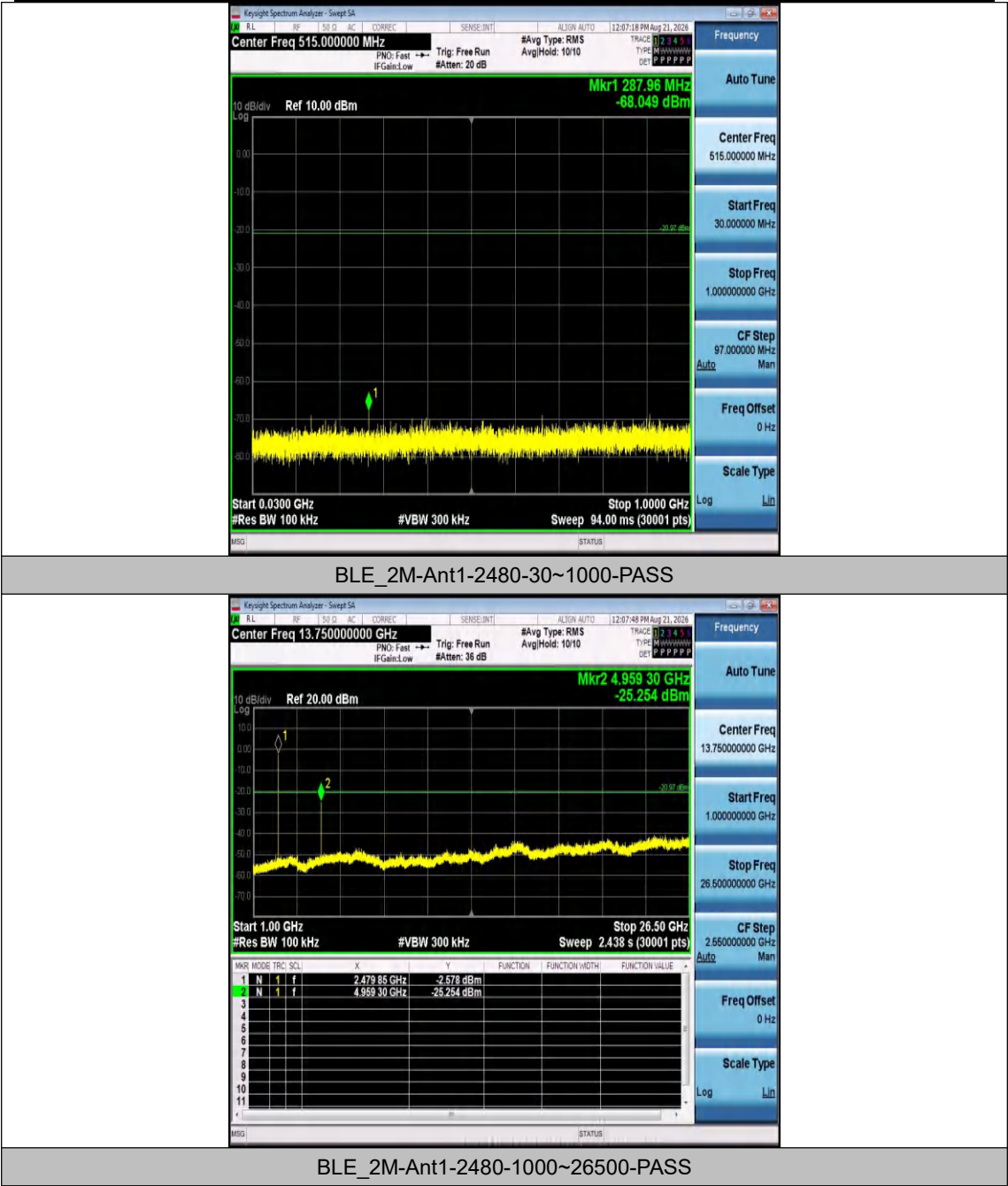
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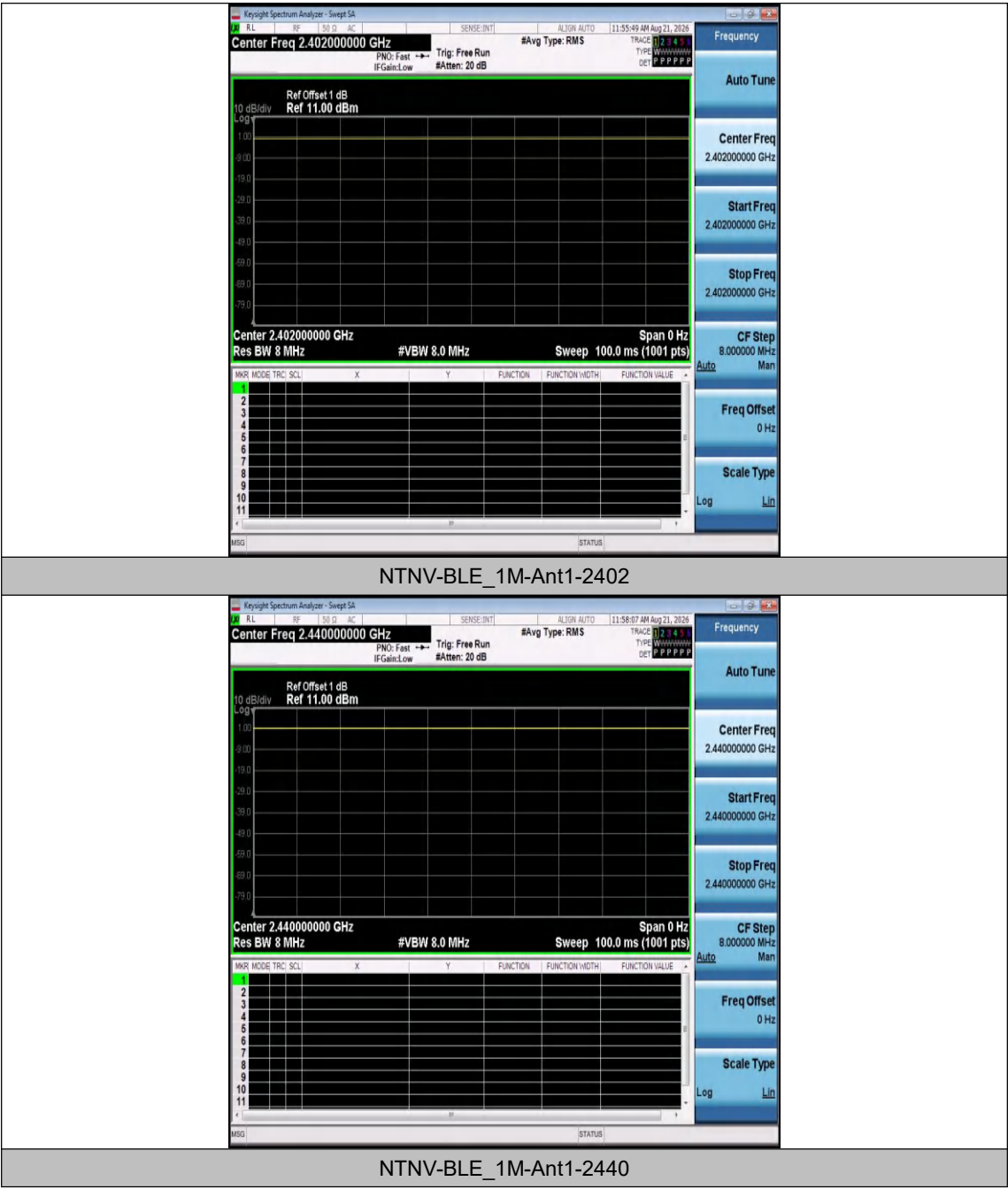
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Appendix G: Duty Cycle

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

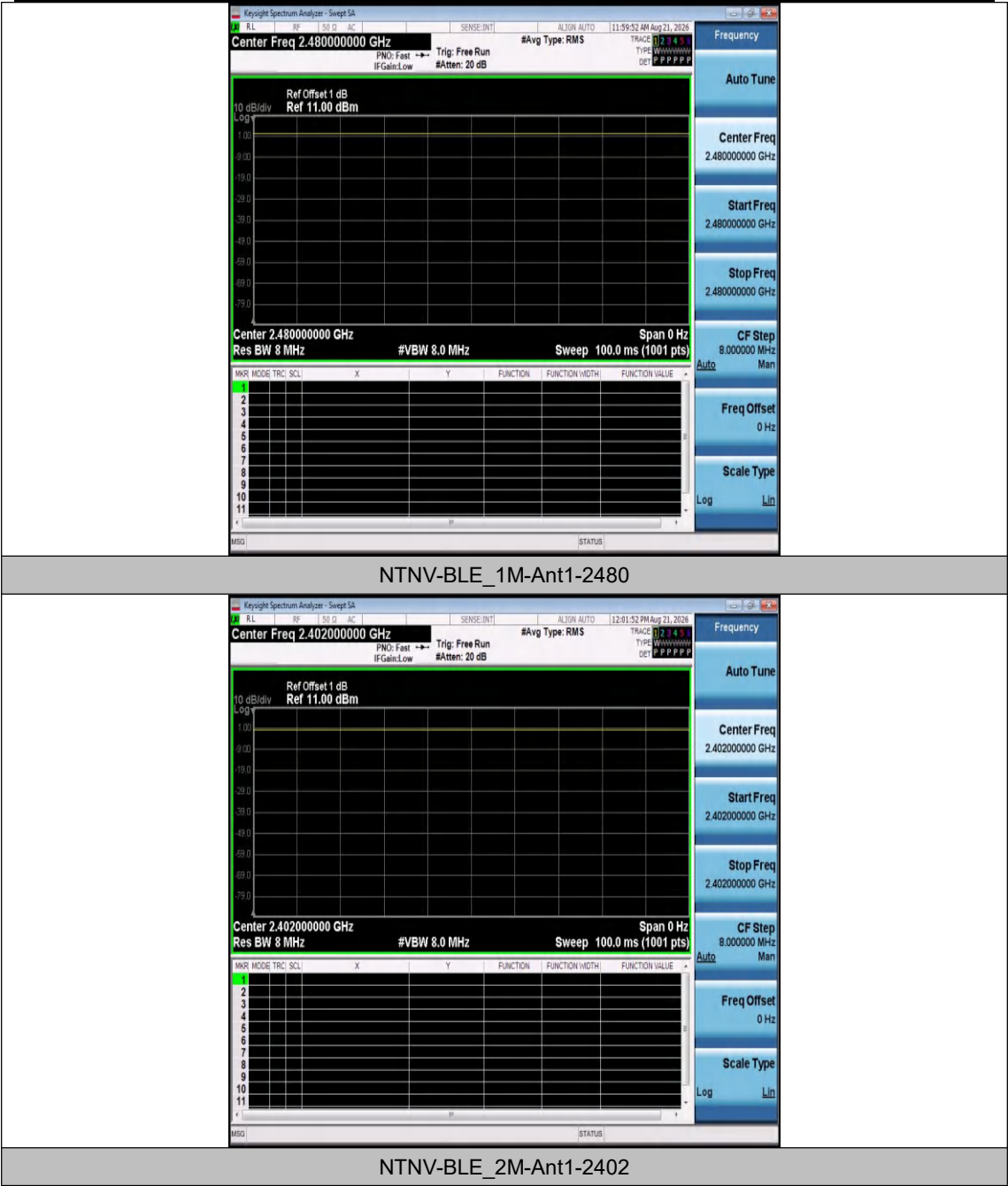
Test Graphs

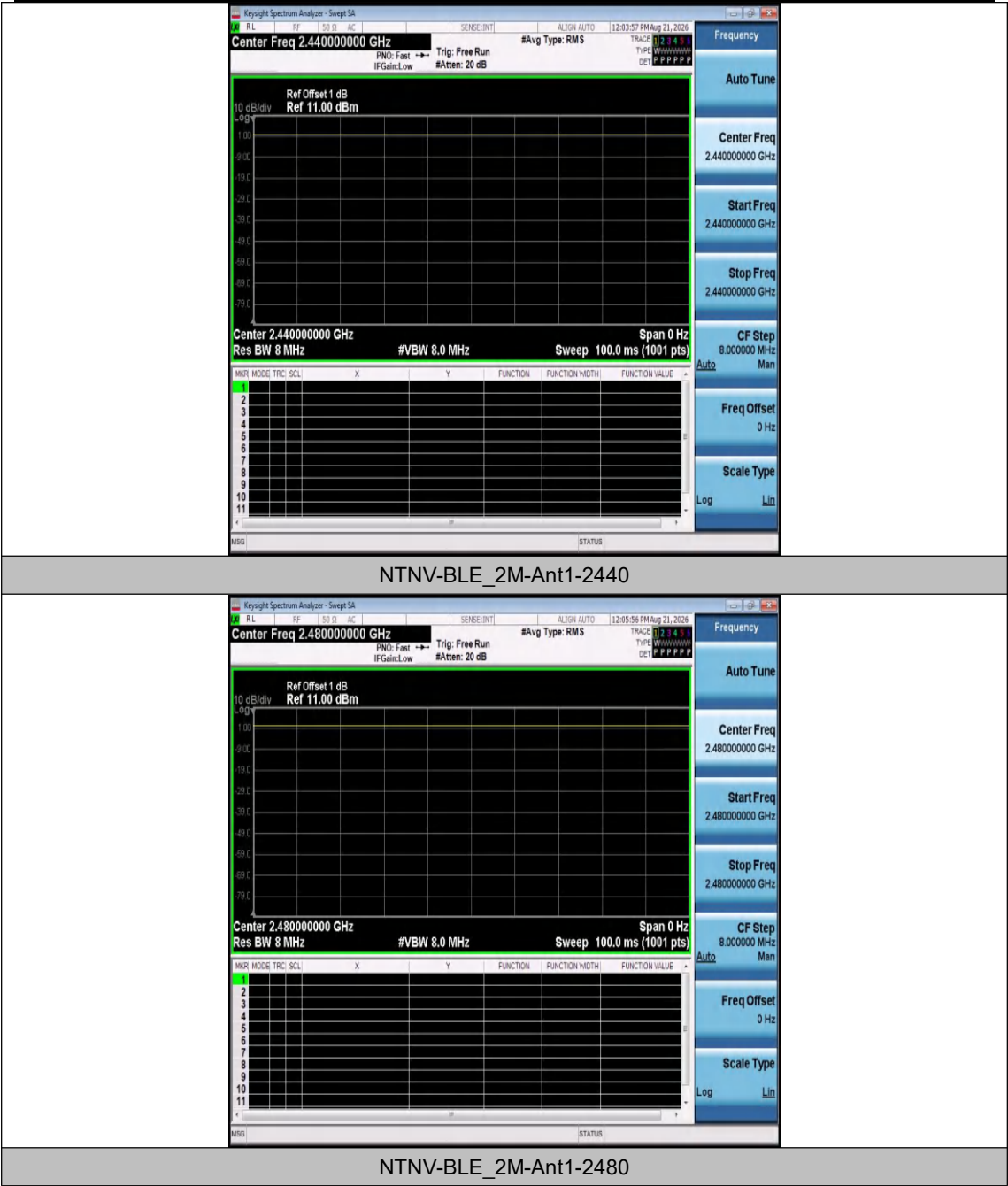


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