

Appendix Test Data

Report No.:	1818C60122212501-01	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		

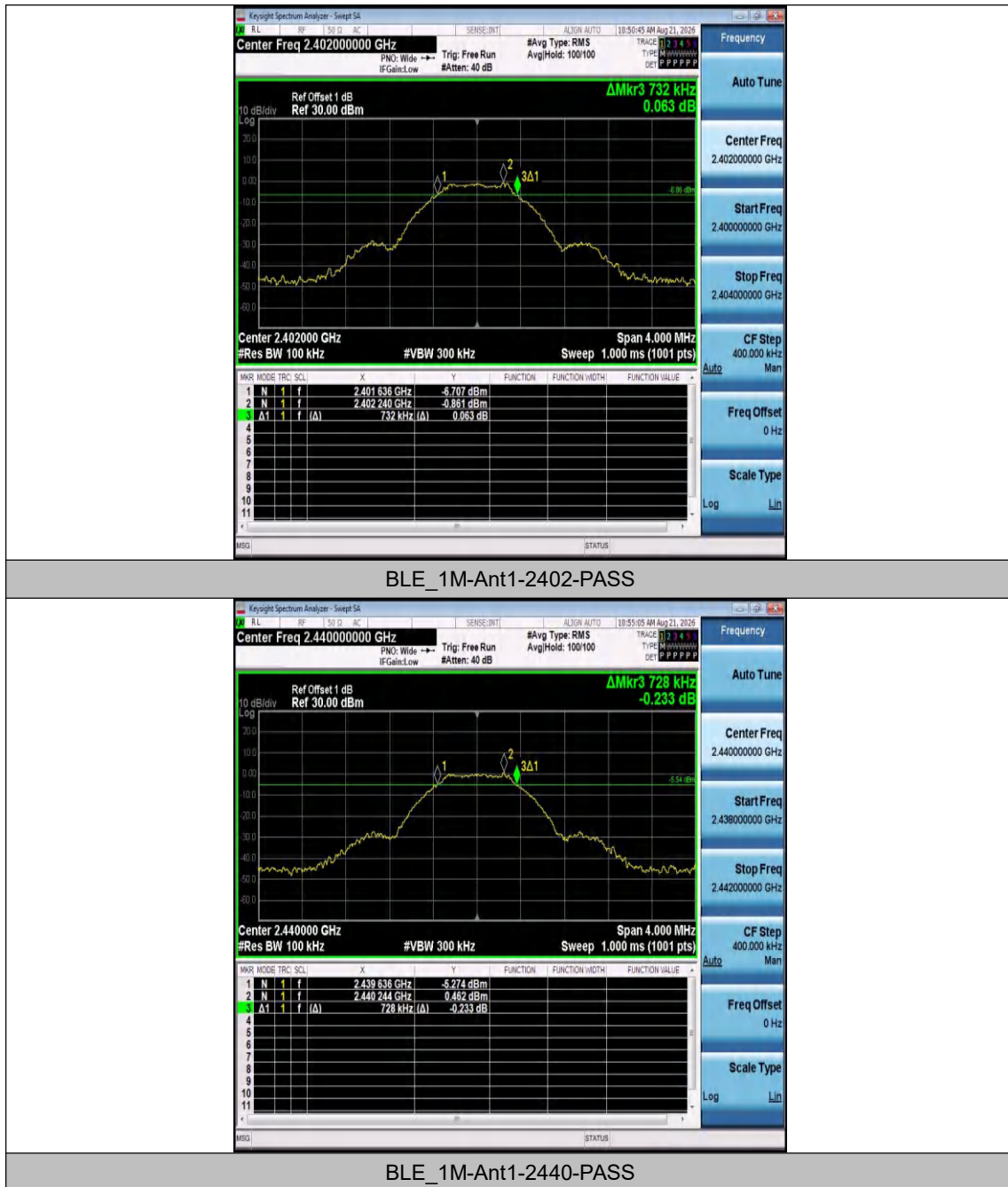


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.636	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.728	2439.636	2440.364	0.5	PASS
BLE_1M	Ant1	2480	0.740	2479.632	2480.372	0.5	PASS
BLE_2M	Ant1	2402	1.304	2401.348	2402.652	0.5	PASS
BLE_2M	Ant1	2440	1.328	2439.340	2440.668	0.5	PASS
BLE_2M	Ant1	2480	1.324	2479.344	2480.668	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	1.0758	2401.4650	2402.5408	---	---
BLE_1M	Ant1	2440	1.0826	2439.4614	2440.5440	---	---
BLE_1M	Ant1	2480	1.0852	2479.4584	2480.5436	---	---
BLE_2M	Ant1	2402	2.2232	2400.8942	2403.1174	---	---
BLE_2M	Ant1	2440	2.2321	2438.8864	2441.1185	---	---
BLE_2M	Ant1	2480	2.2709	2478.8560	2481.1269	---	---

Test Graphs



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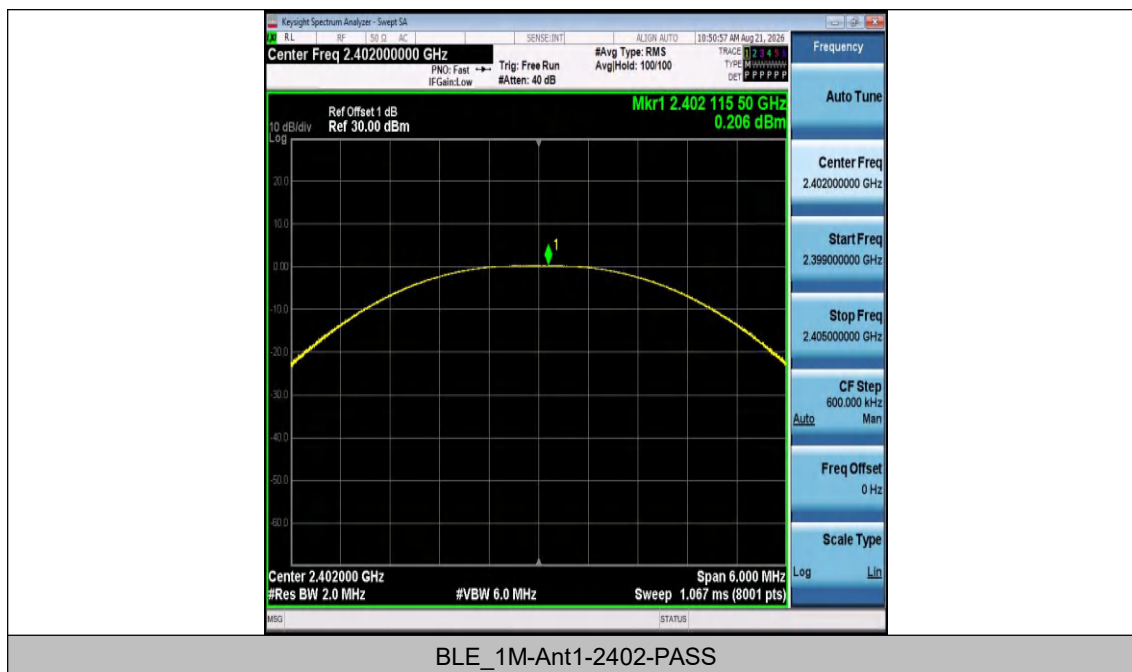
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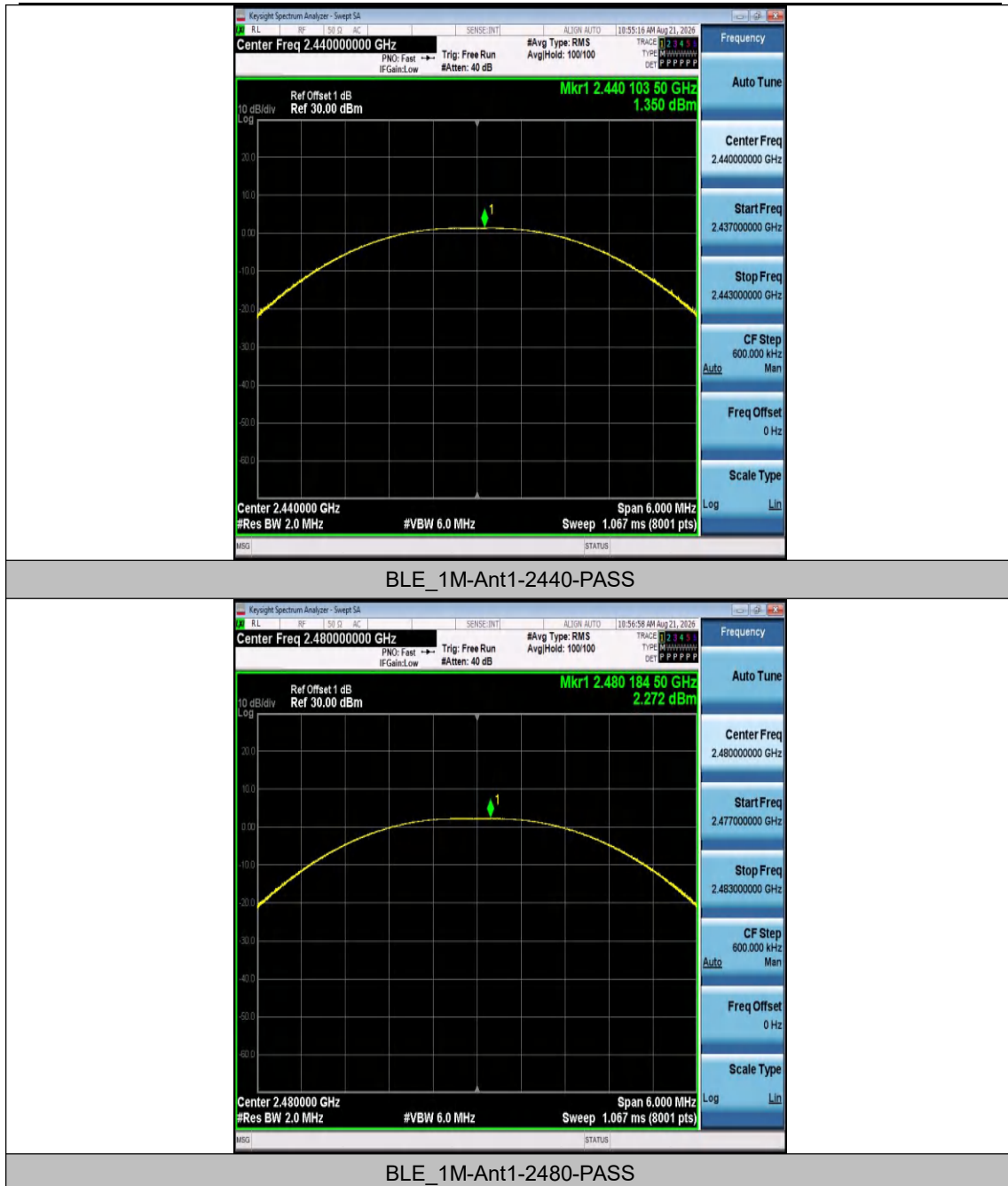
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.21	≤30	PASS
BLE_1M	Ant1	2440	1.35	≤30	PASS
BLE_1M	Ant1	2480	2.27	≤30	PASS
BLE_2M	Ant1	2402	0.11	≤30	PASS
BLE_2M	Ant1	2440	1.29	≤30	PASS
BLE_2M	Ant1	2480	2.20	≤30	PASS

Test Graphs Peak

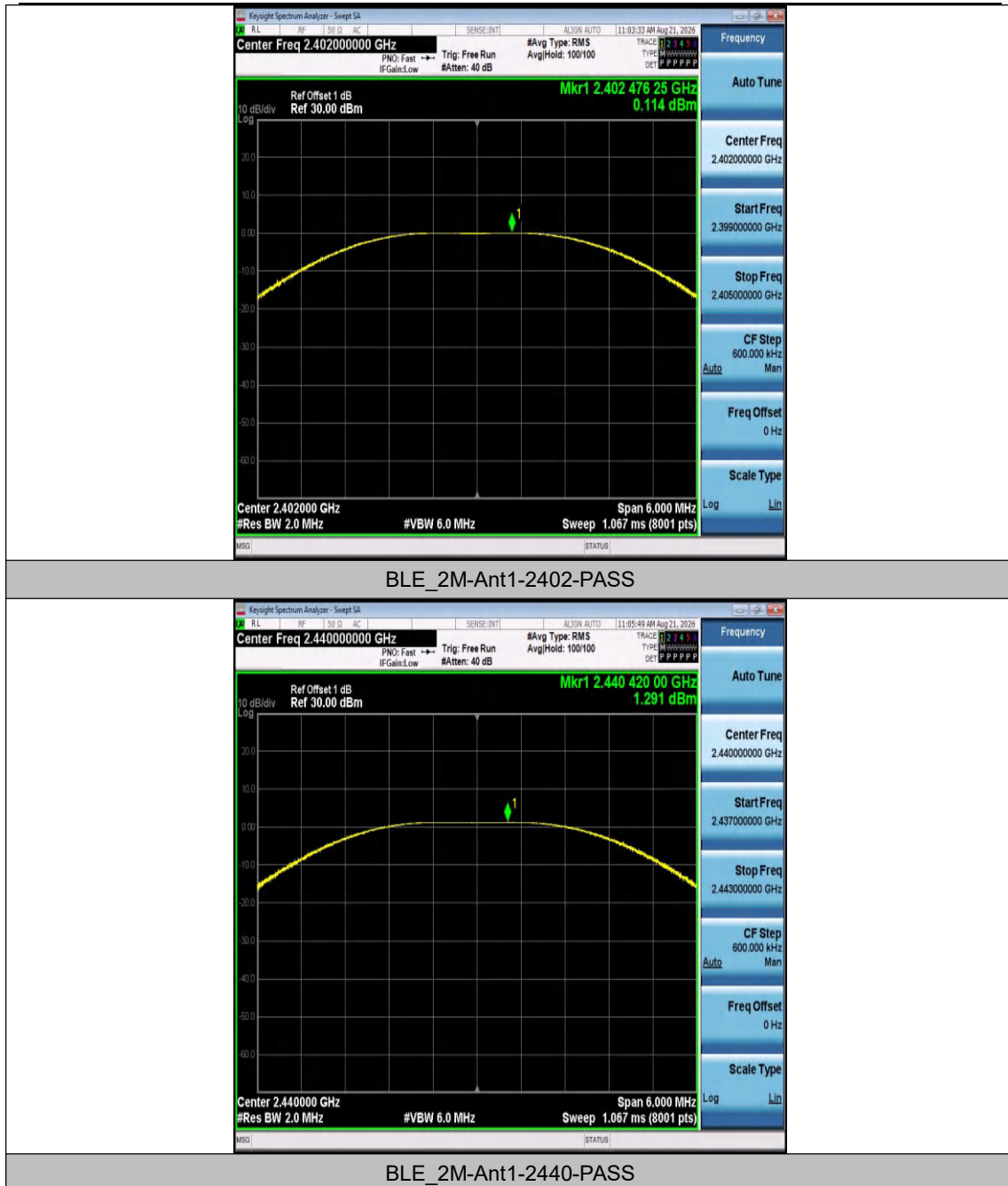




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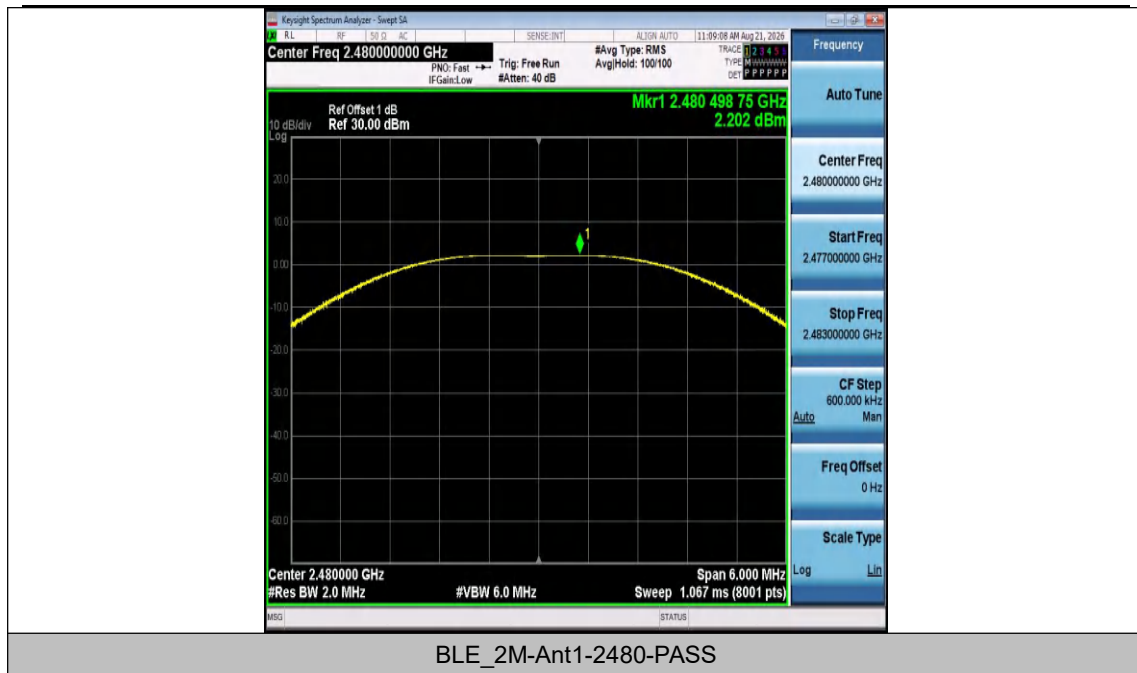
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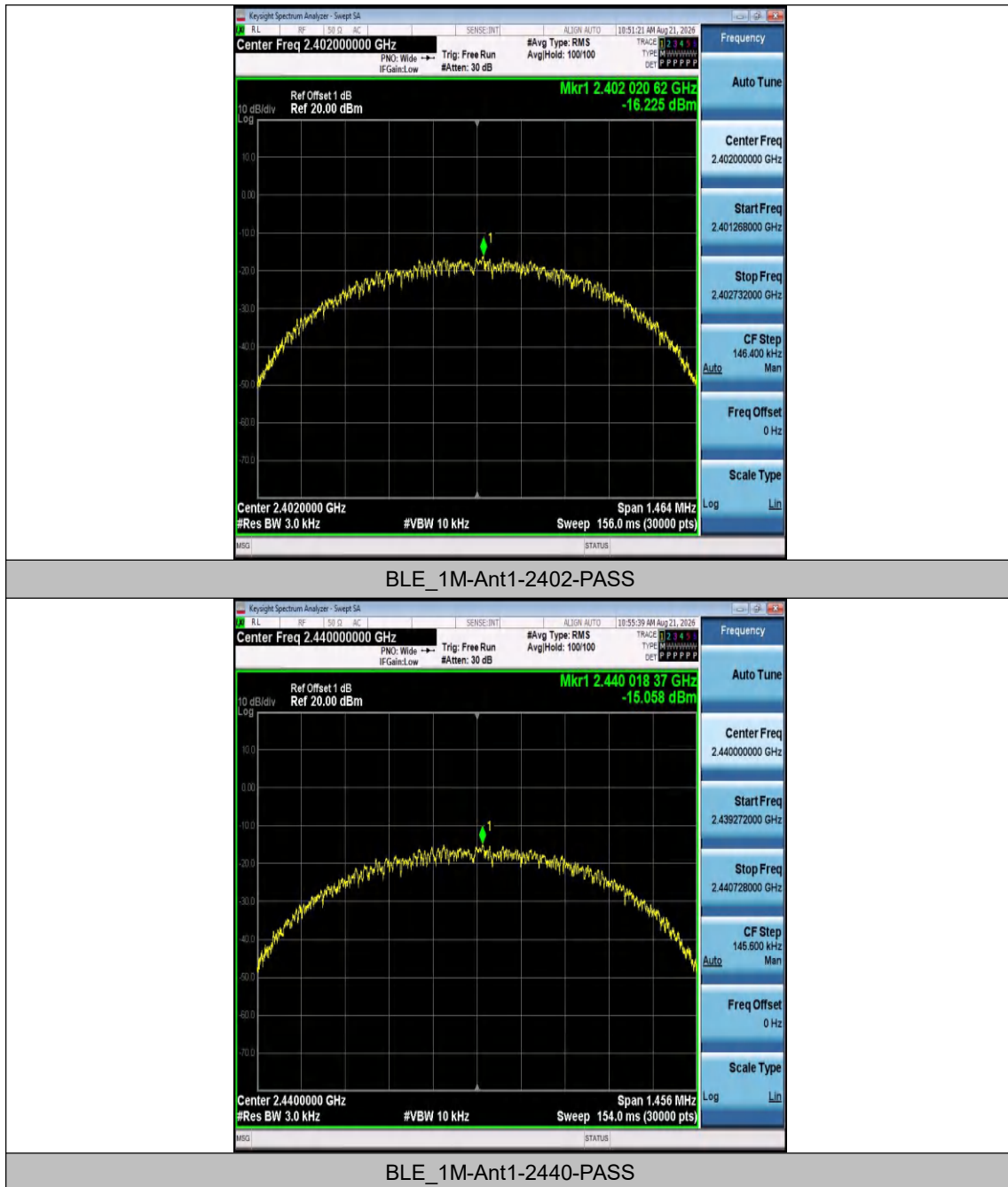
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.23	≤8.00	PASS
BLE_1M	Ant1	2440	-15.06	≤8.00	PASS
BLE_1M	Ant1	2480	-14.37	≤8.00	PASS
BLE_2M	Ant1	2402	-17.16	≤8.00	PASS
BLE_2M	Ant1	2440	-15.77	≤8.00	PASS
BLE_2M	Ant1	2480	-15.08	≤8.00	PASS

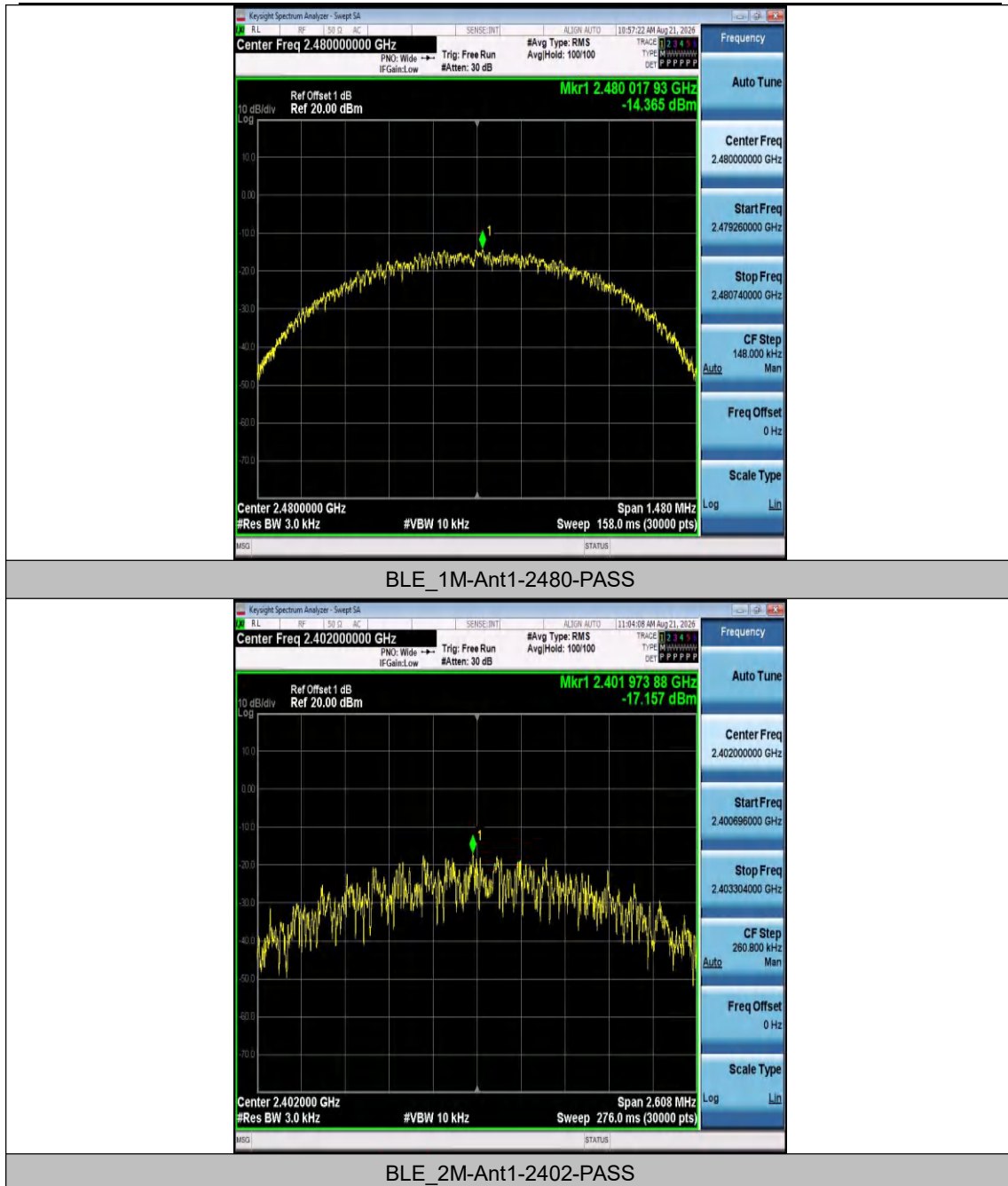
Test Graphs



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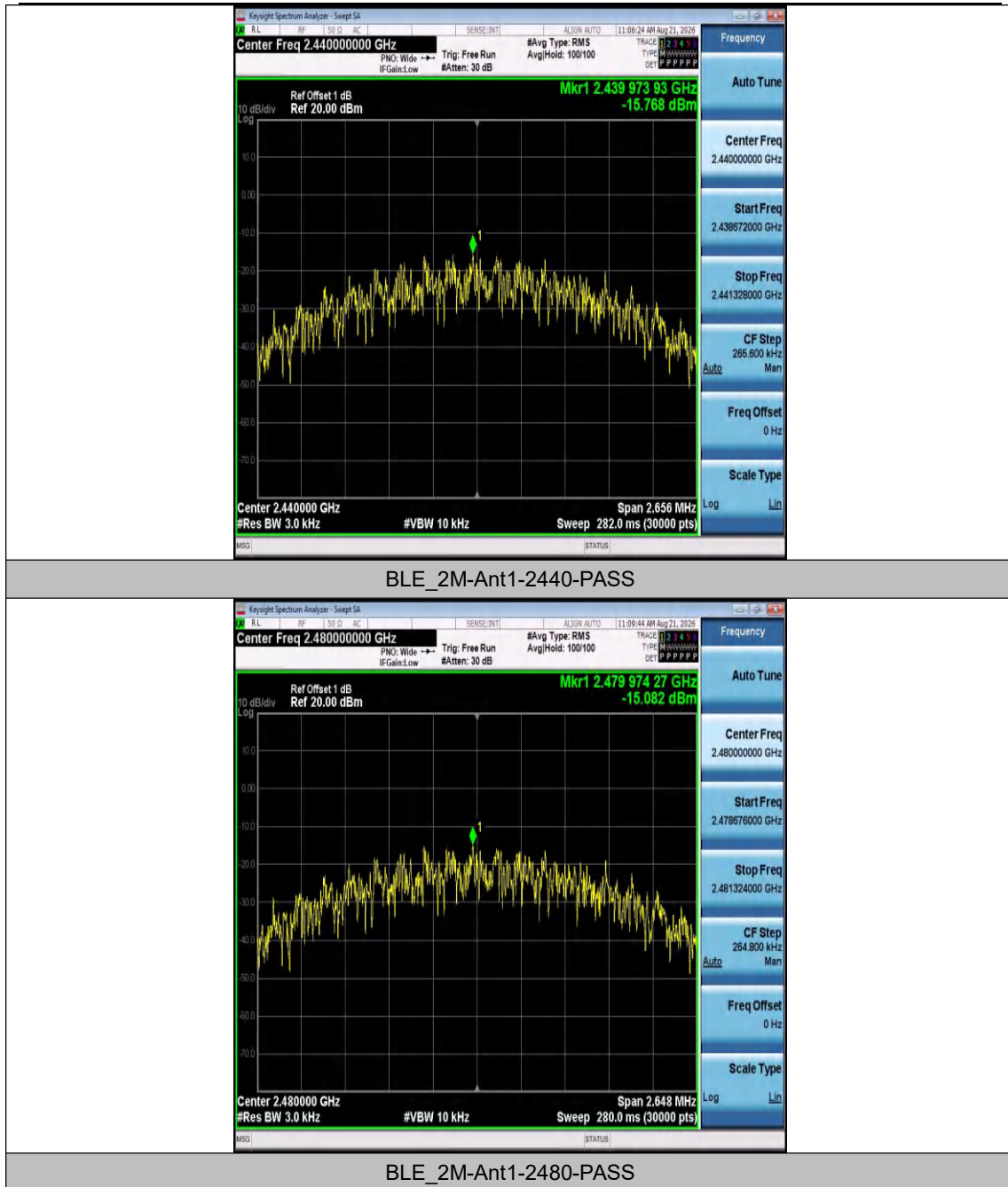
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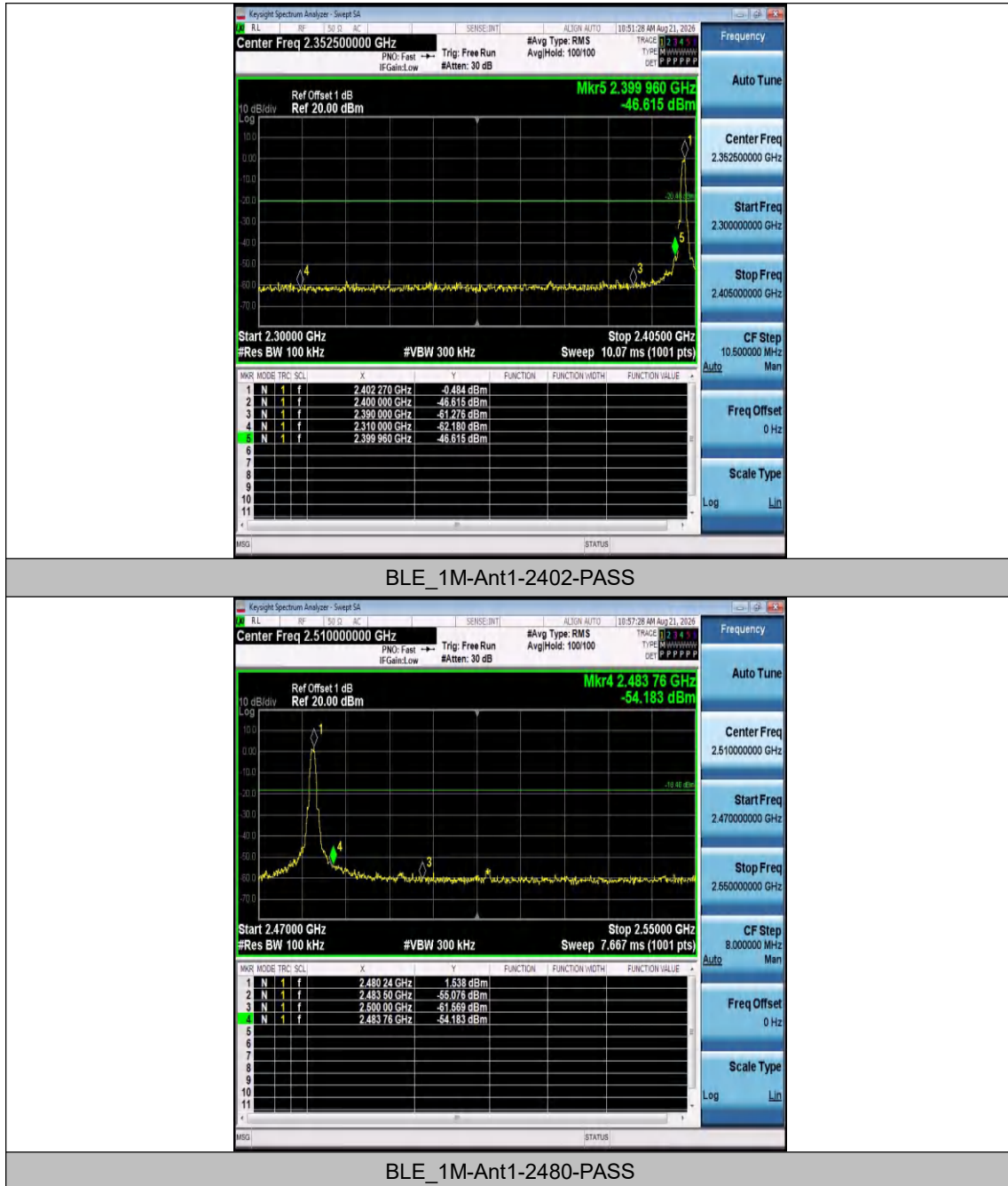
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.48	-46.62	≤ -20.48	PASS
BLE_1M	Ant1	High	2480	1.54	-54.18	≤ -18.46	PASS
BLE_2M	Ant1	Low	2402	-2.60	-30.5	≤ -22.6	PASS
BLE_2M	Ant1	High	2480	-0.57	-51.14	≤ -20.57	PASS

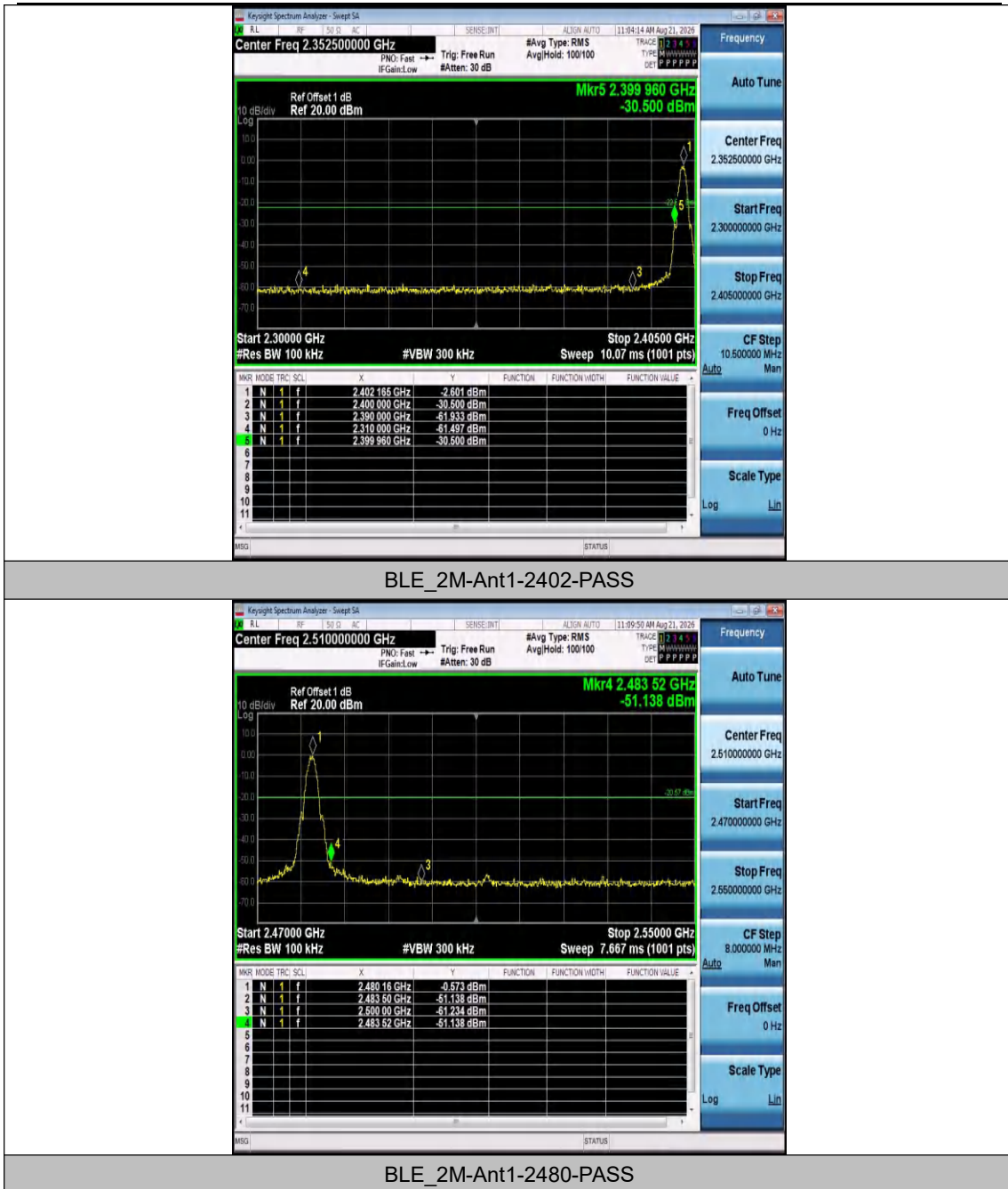
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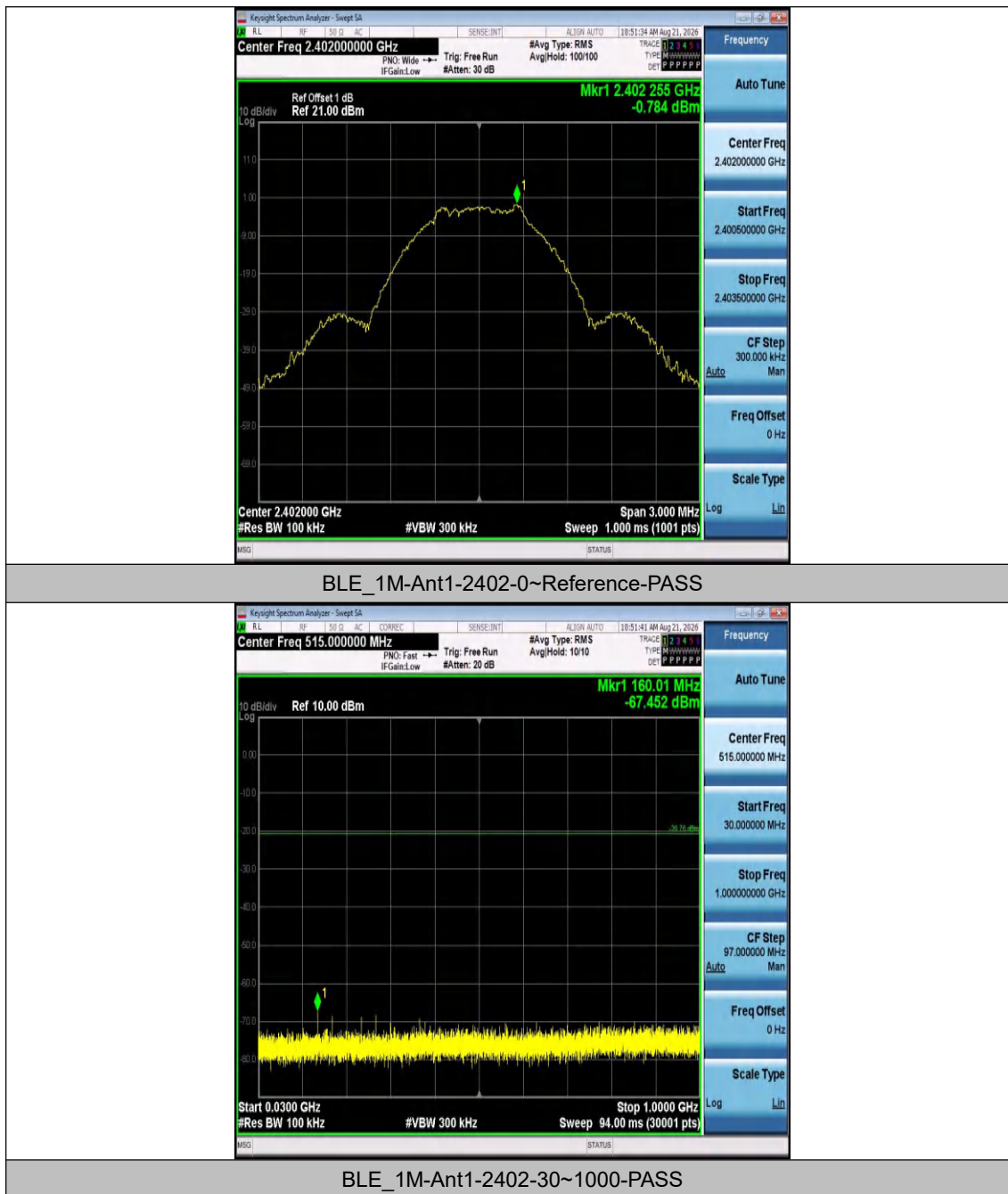
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.78	-0.78	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.78	-67.45	≤-20.78	PASS
BLE_1M	Ant1	2402	1000~26500	-0.78	-23.98	≤-20.78	PASS
BLE_1M	Ant1	2440	0~Reference	0.36	0.36	---	PASS
BLE_1M	Ant1	2440	30~1000	0.36	-54.81	≤-19.64	PASS
BLE_1M	Ant1	2440	1000~26500	0.36	-23.61	≤-19.64	PASS
BLE_1M	Ant1	2480	0~Reference	1.21	1.21	---	PASS
BLE_1M	Ant1	2480	30~1000	1.21	-52.68	≤-18.79	PASS
BLE_1M	Ant1	2480	1000~26500	1.21	-24.4	≤-18.79	PASS
BLE_2M	Ant1	2402	0~Reference	-2.84	-2.84	---	PASS
BLE_2M	Ant1	2402	30~1000	-2.84	-66.91	≤-22.84	PASS
BLE_2M	Ant1	2402	1000~26500	-2.84	-24.7	≤-22.84	PASS
BLE_2M	Ant1	2440	0~Reference	-1.66	-1.66	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.66	-68.71	≤-21.66	PASS
BLE_2M	Ant1	2440	1000~26500	-1.66	-25.99	≤-21.66	PASS
BLE_2M	Ant1	2480	0~Reference	-0.88	-0.88	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.88	-67.64	≤-20.88	PASS
BLE_2M	Ant1	2480	1000~26500	-0.88	-23	≤-20.88	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.

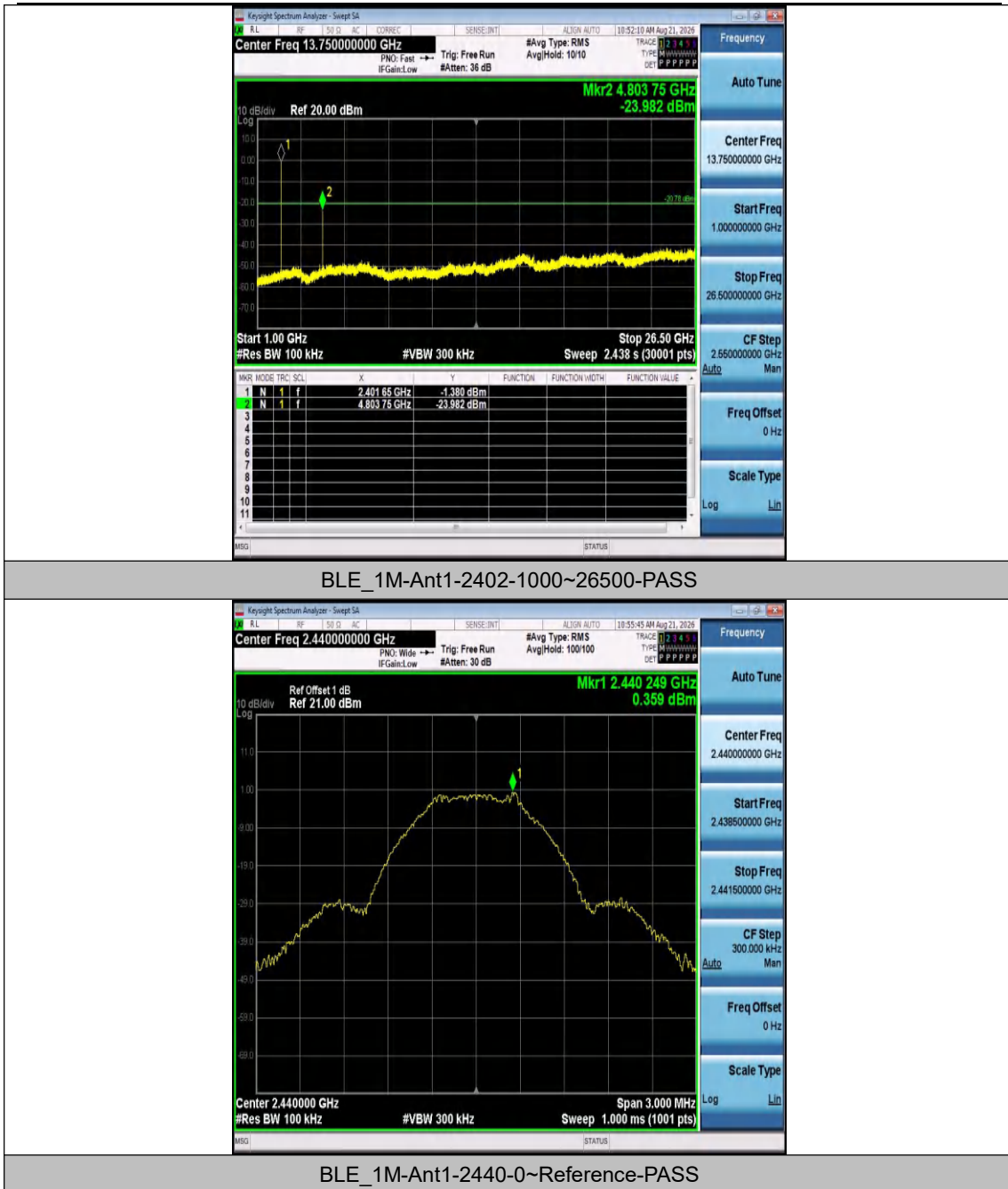
Test Graphs



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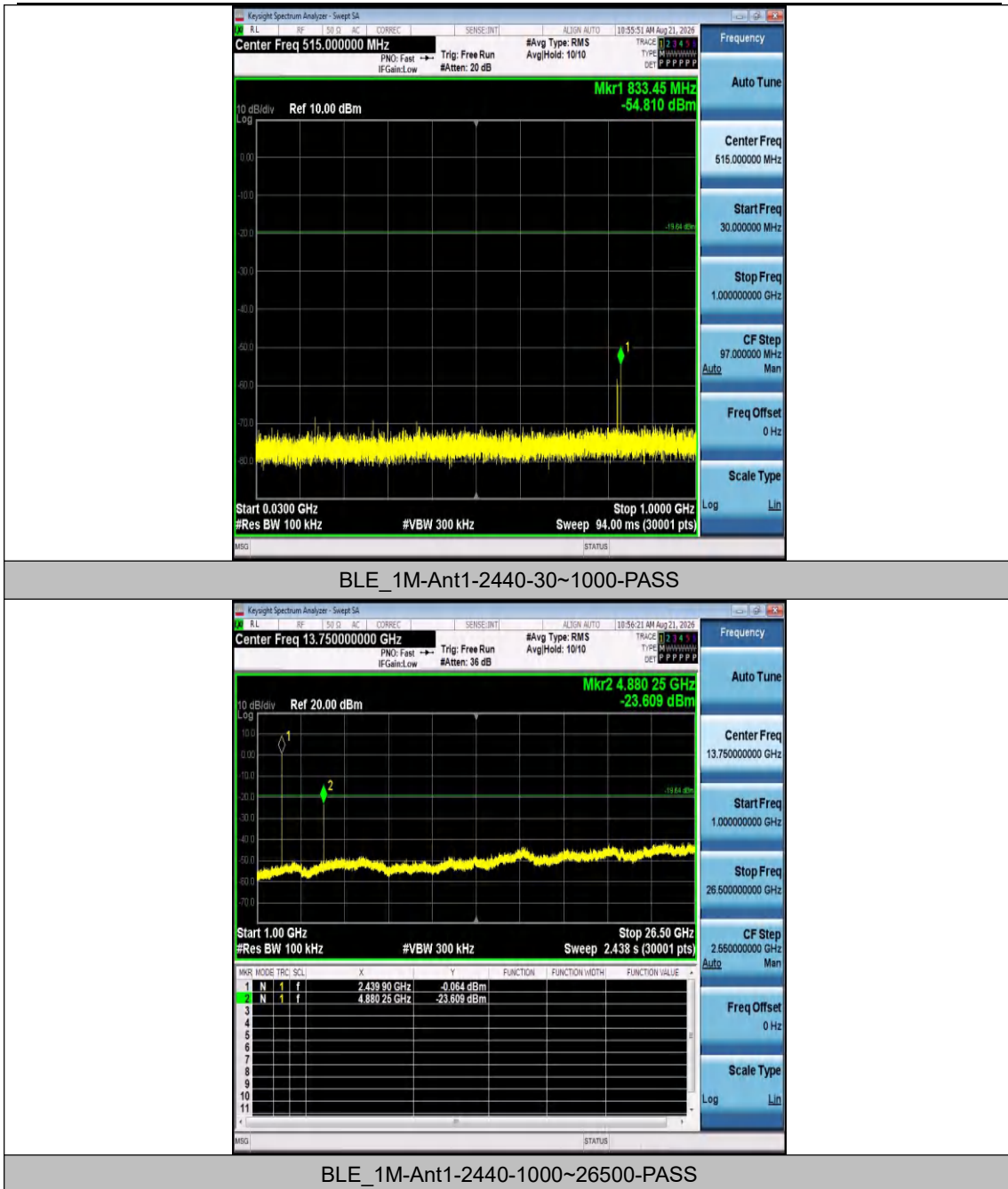
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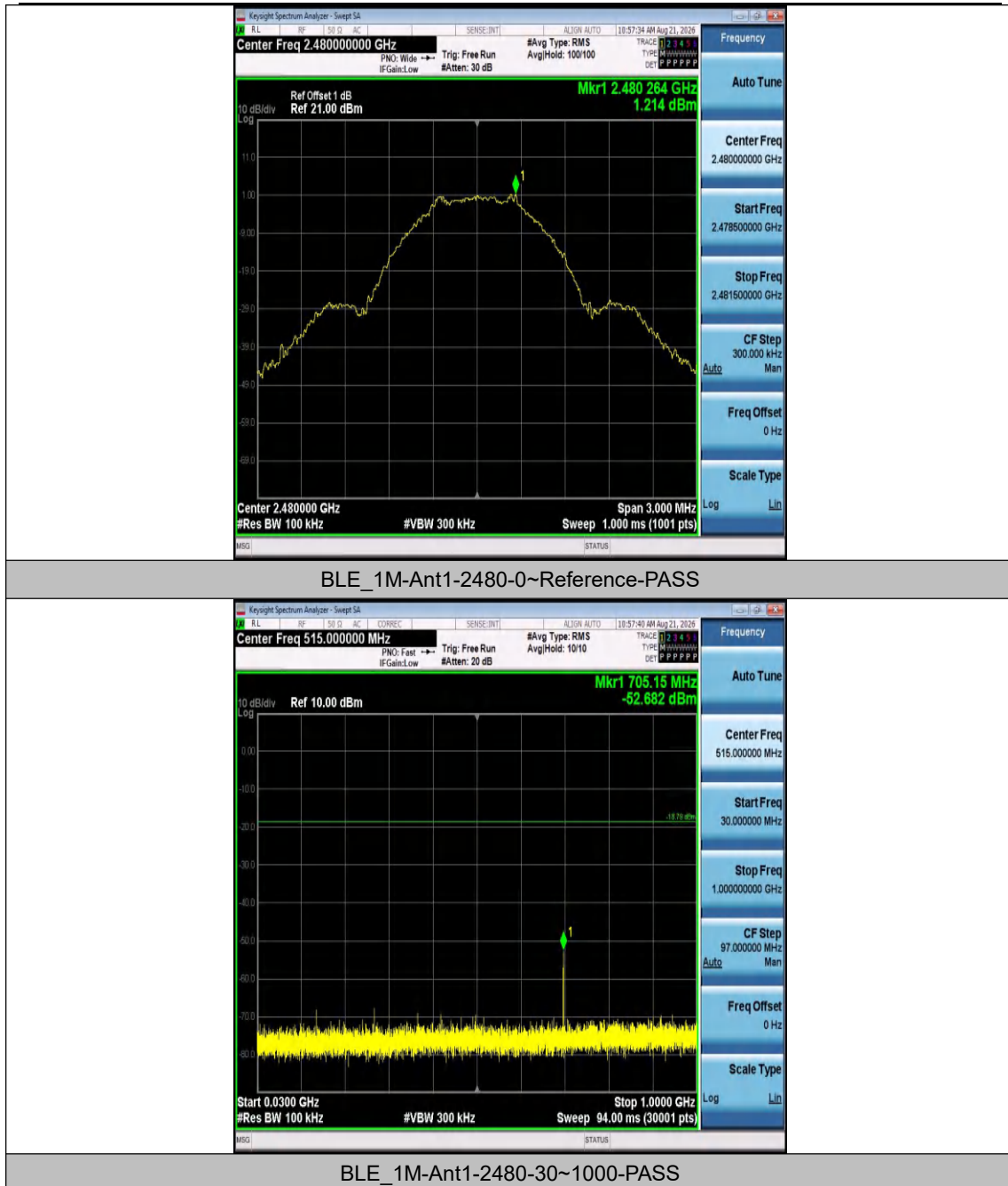
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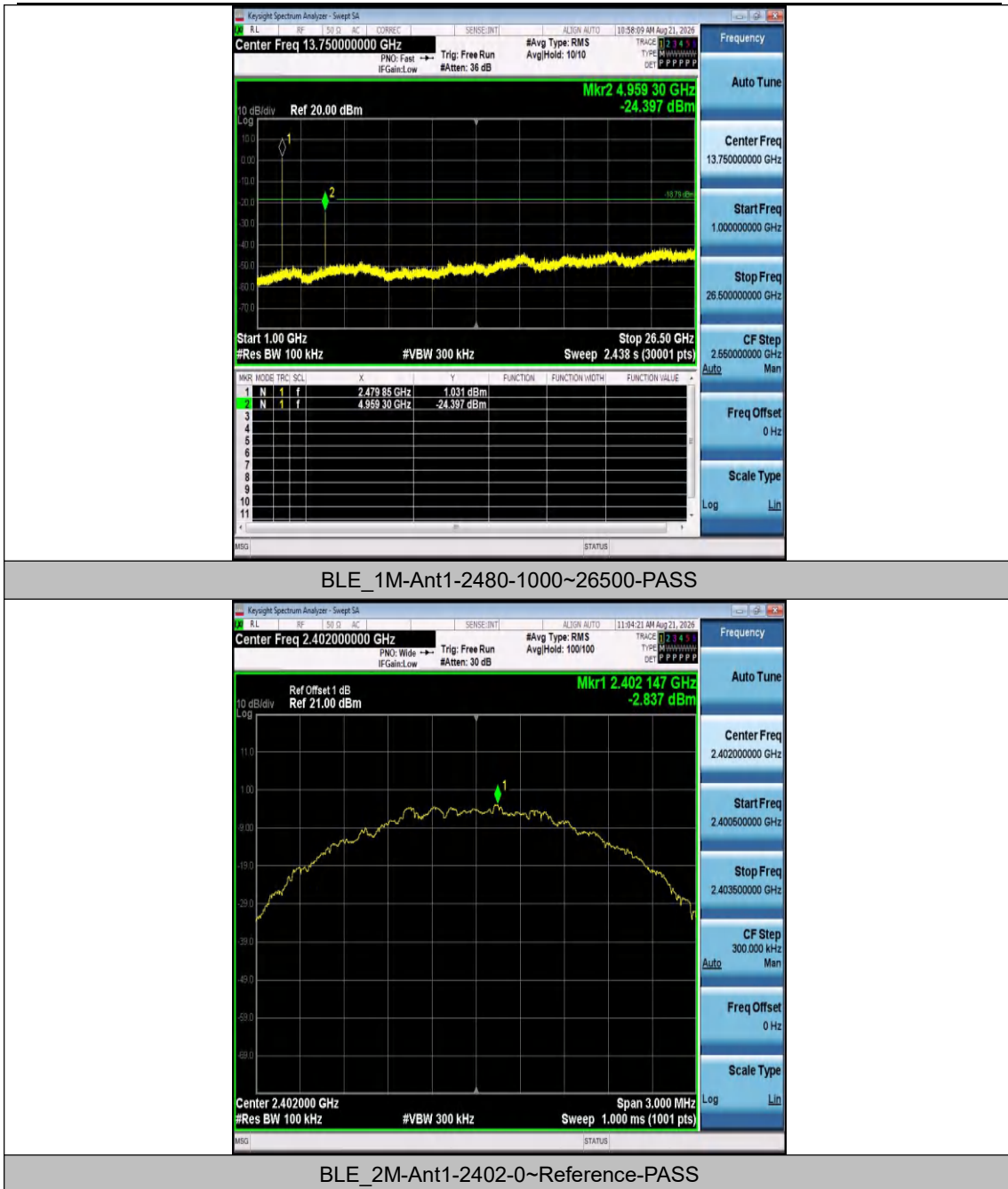
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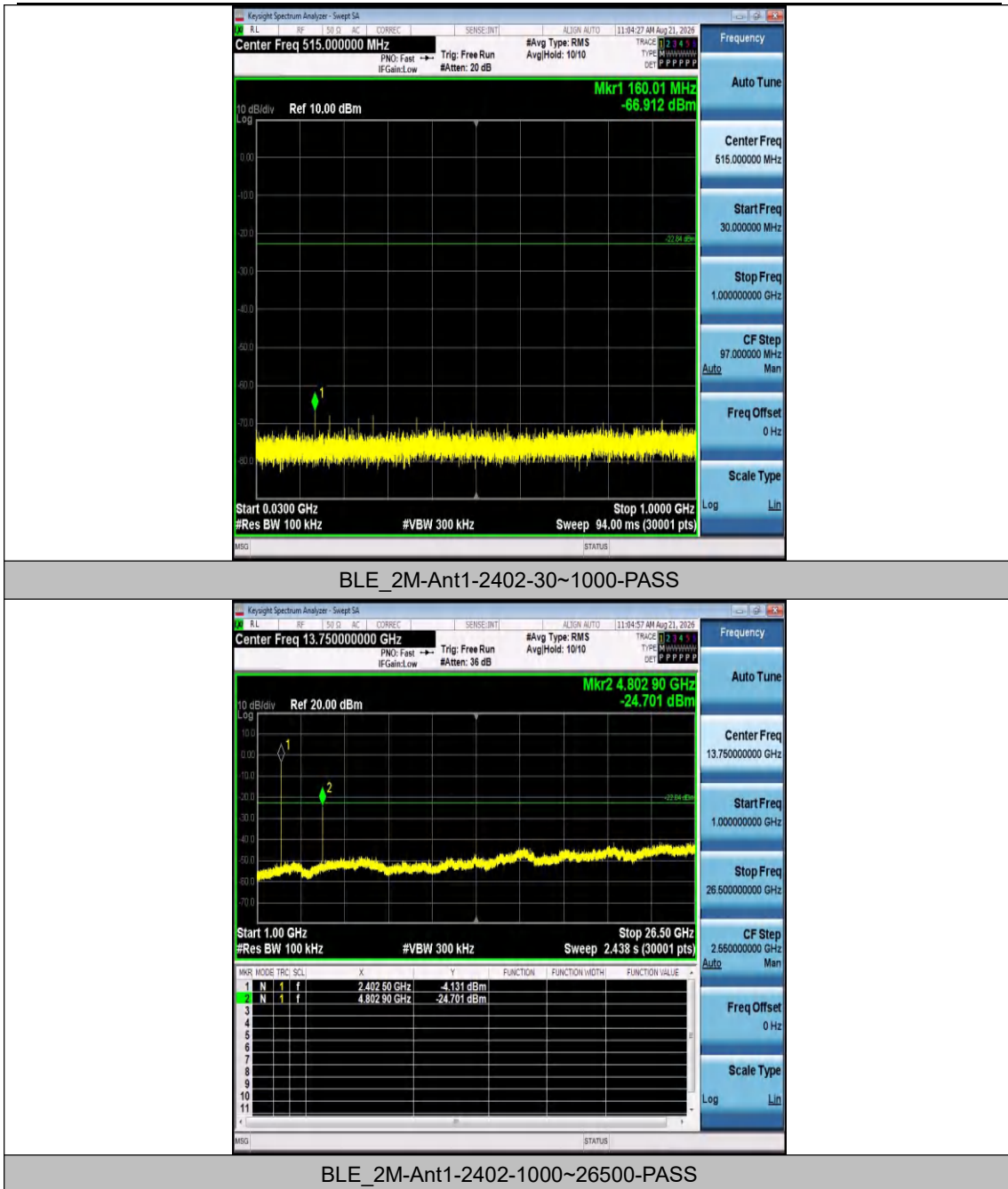
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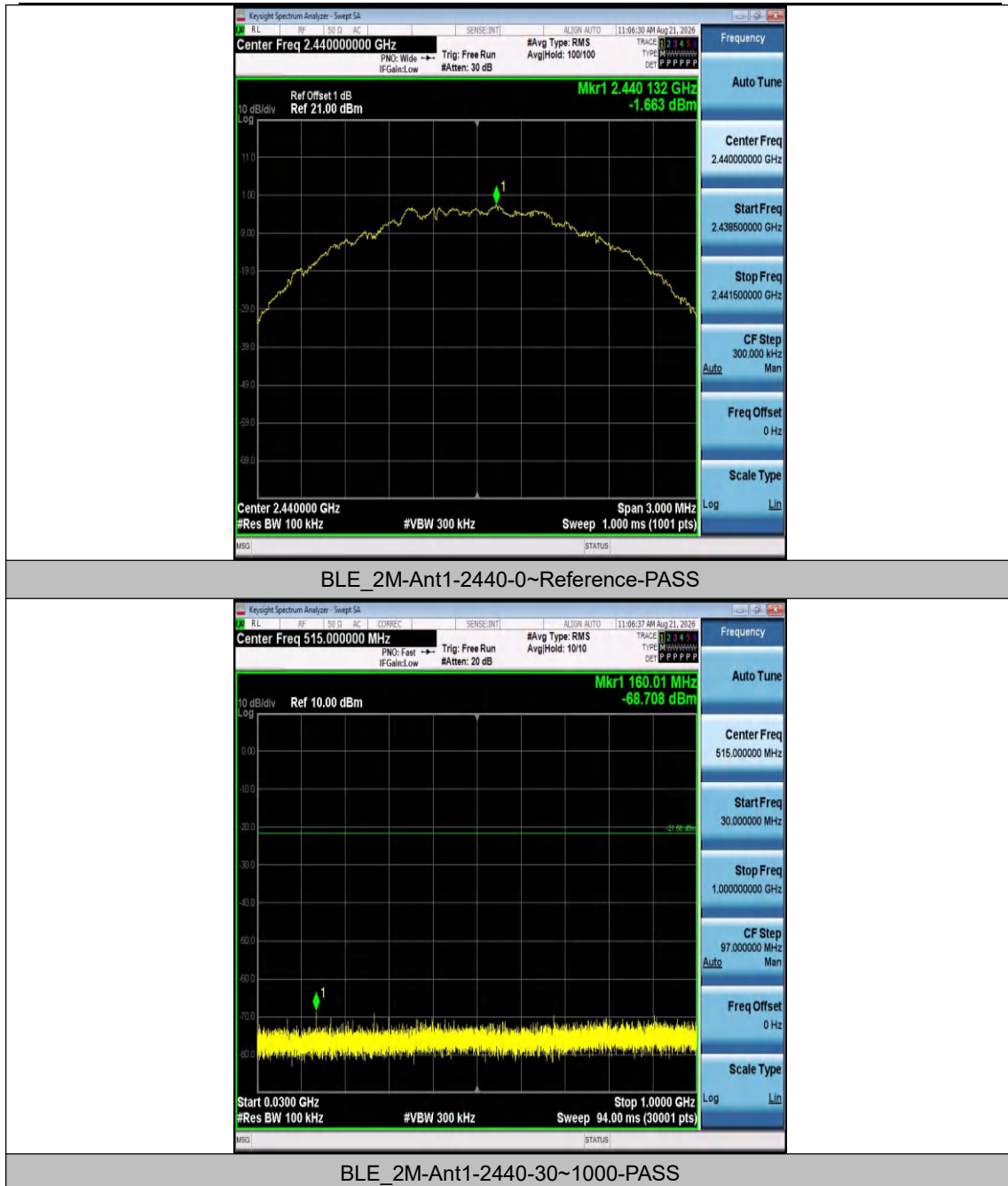
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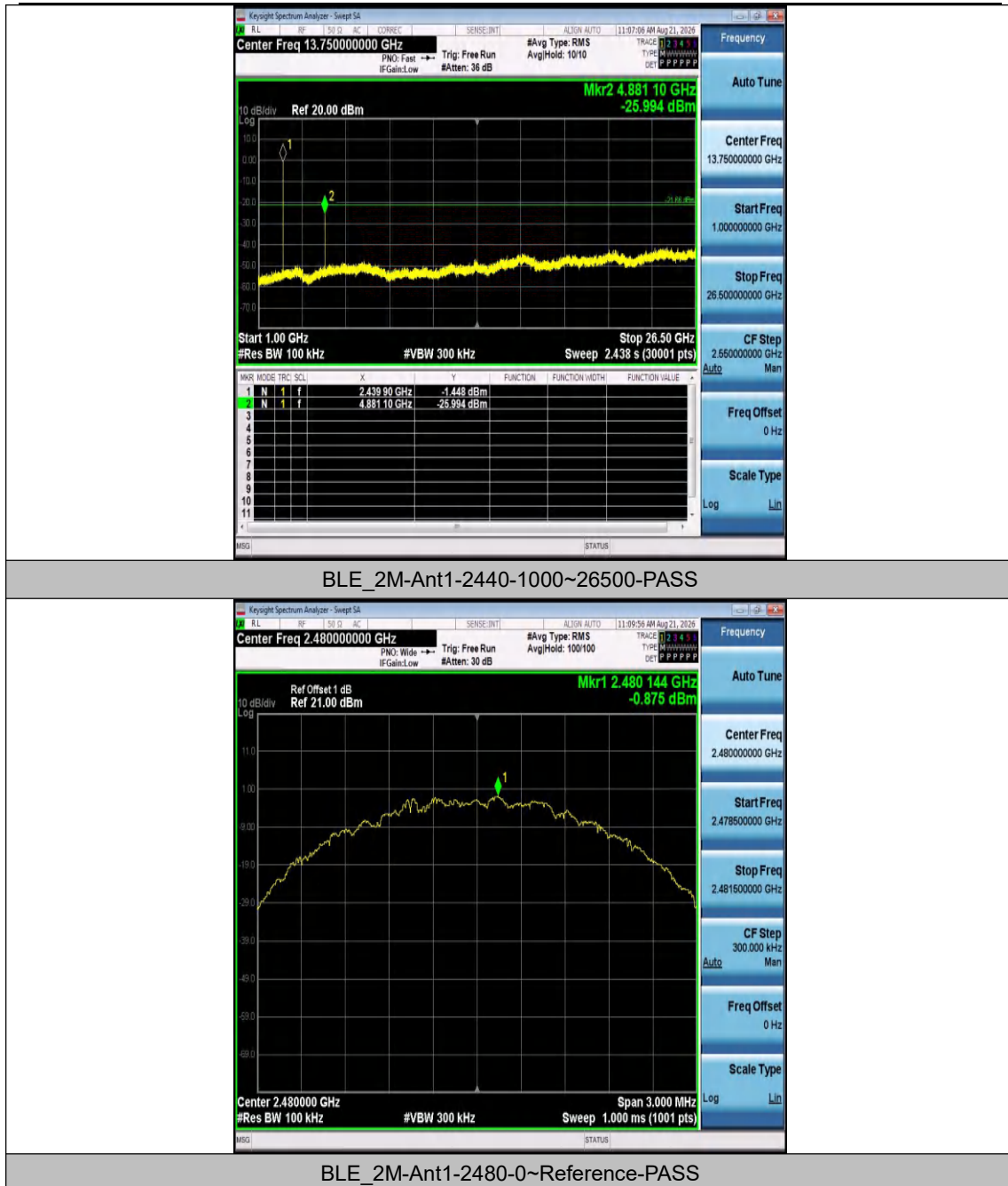
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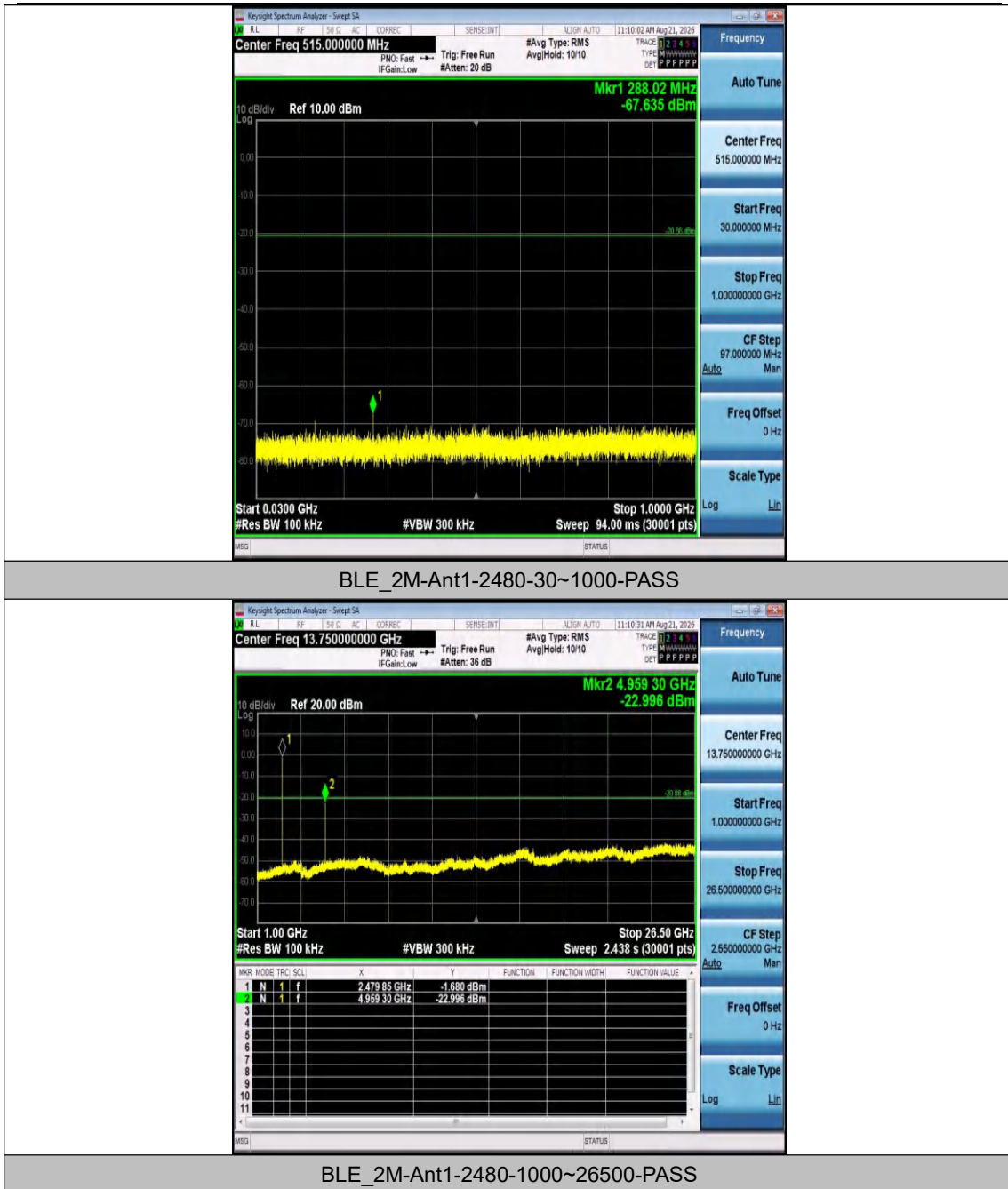
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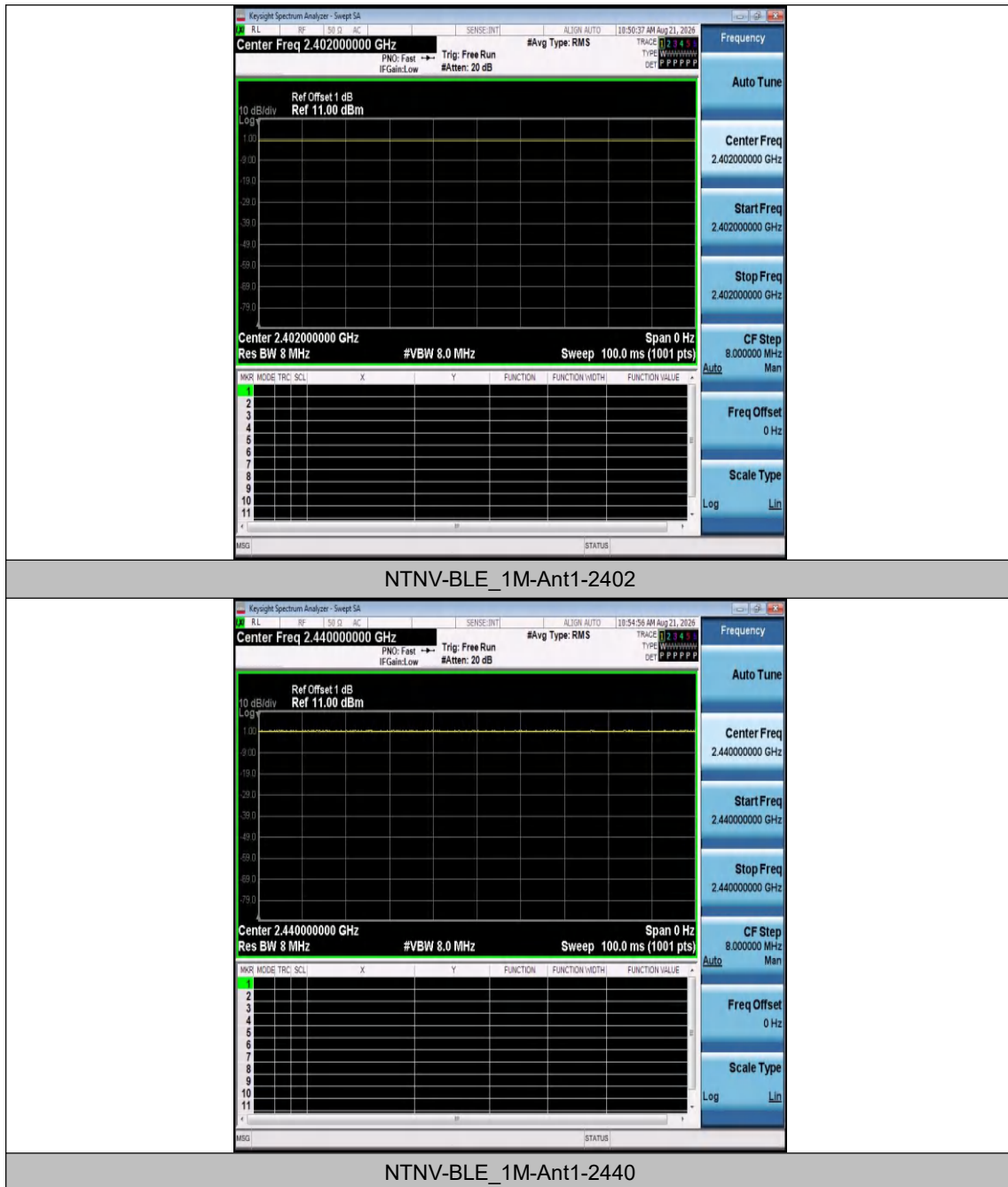
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Appendix G: Duty Cycle

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

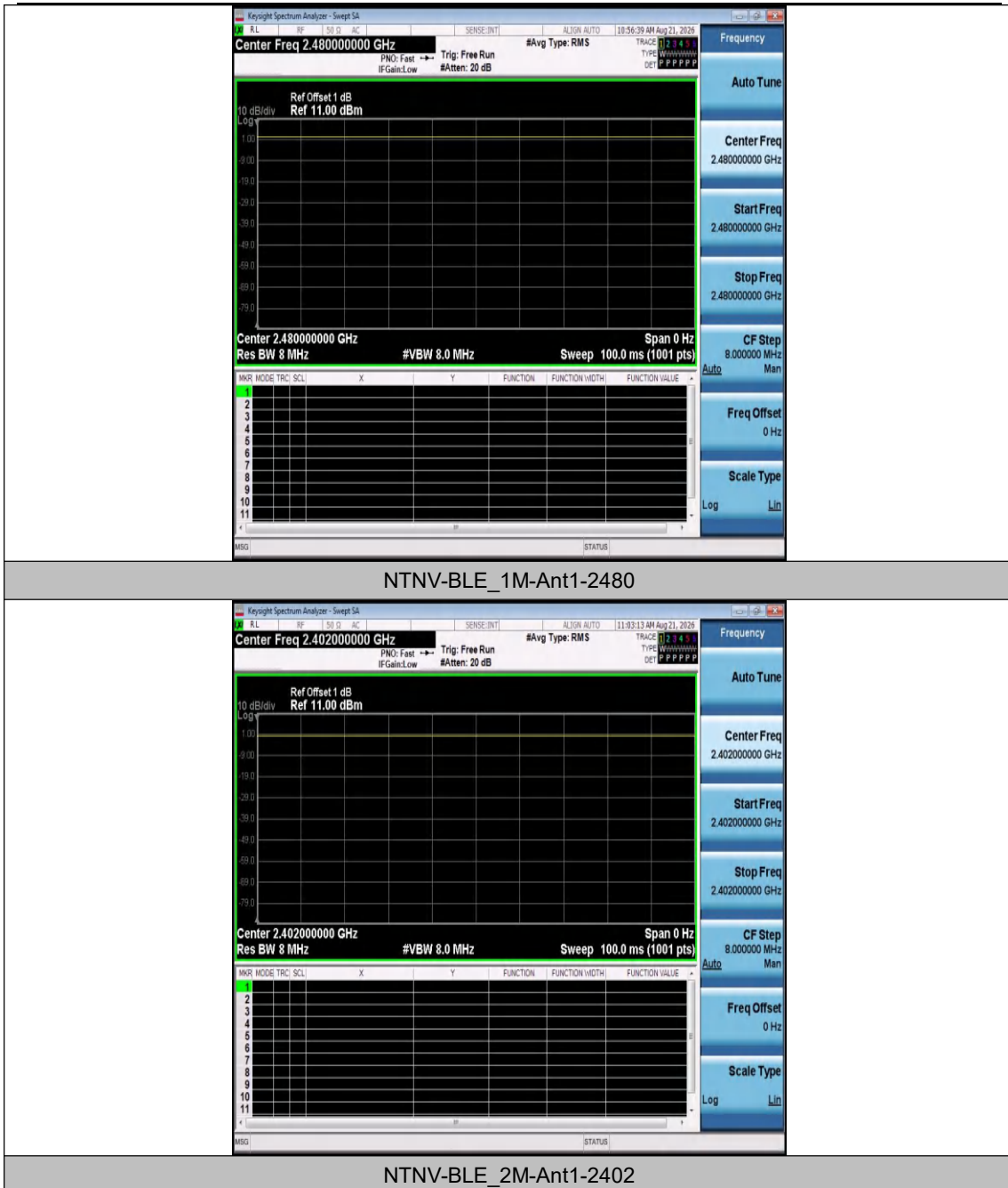
Test Graphs



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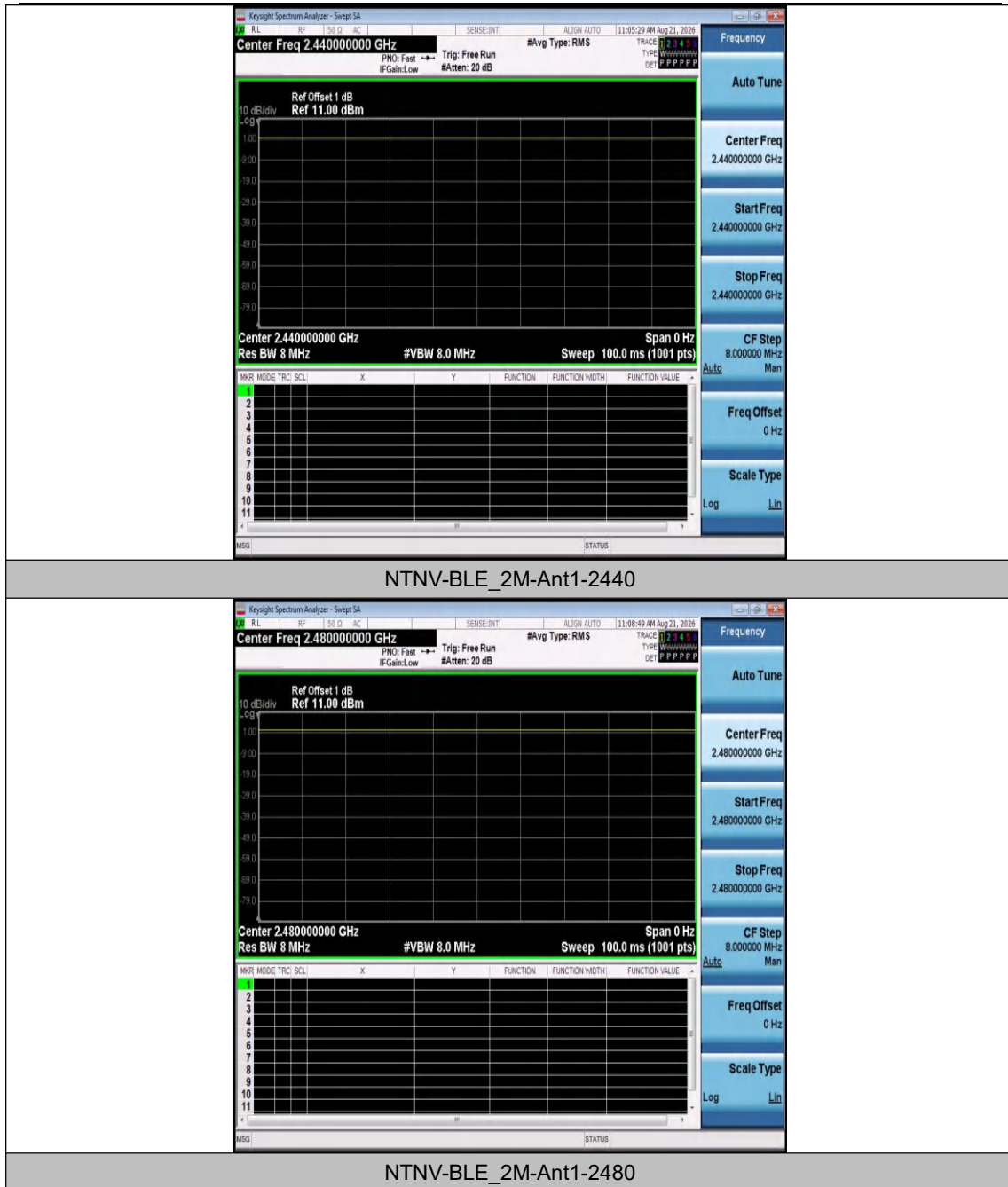
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