

Appendix Test Data

Report No.:	1818C60104212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-14	Finish Test Date:	2026-7-17
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	25.6°C	Relative Humidity:	61%
Pressure:	101kPa		

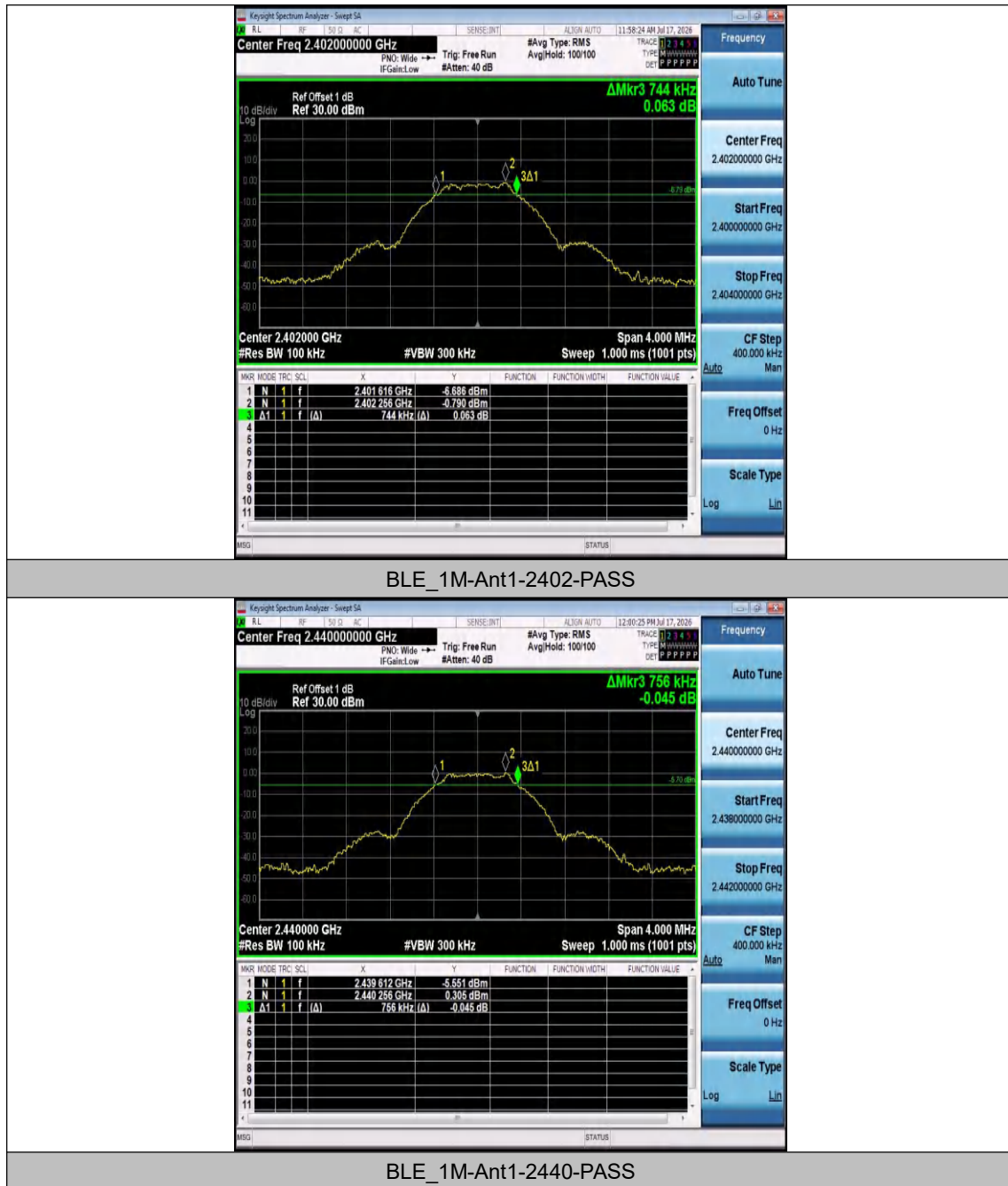


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.744	2401.616	2402.360	0.5	PASS
BLE_1M	Ant1	2440	0.756	2439.612	2440.368	0.5	PASS
BLE_1M	Ant1	2480	0.744	2479.616	2480.360	0.5	PASS
BLE_2M	Ant1	2402	1.324	2401.340	2402.664	0.5	PASS
BLE_2M	Ant1	2440	1.324	2439.344	2440.668	0.5	PASS
BLE_2M	Ant1	2480	1.332	2479.348	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	1.0790	2401.4614	2402.5404	---	---
BLE_1M	Ant1	2440	1.0911	2439.4528	2440.5439	---	---
BLE_1M	Ant1	2480	1.0909	2479.4549	2480.5458	---	---
BLE_2M	Ant1	2402	2.2271	2400.8868	2403.1139	---	---
BLE_2M	Ant1	2440	2.2361	2438.8812	2441.1173	---	---
BLE_2M	Ant1	2480	2.2799	2478.8505	2481.1304	---	---

Test Graphs



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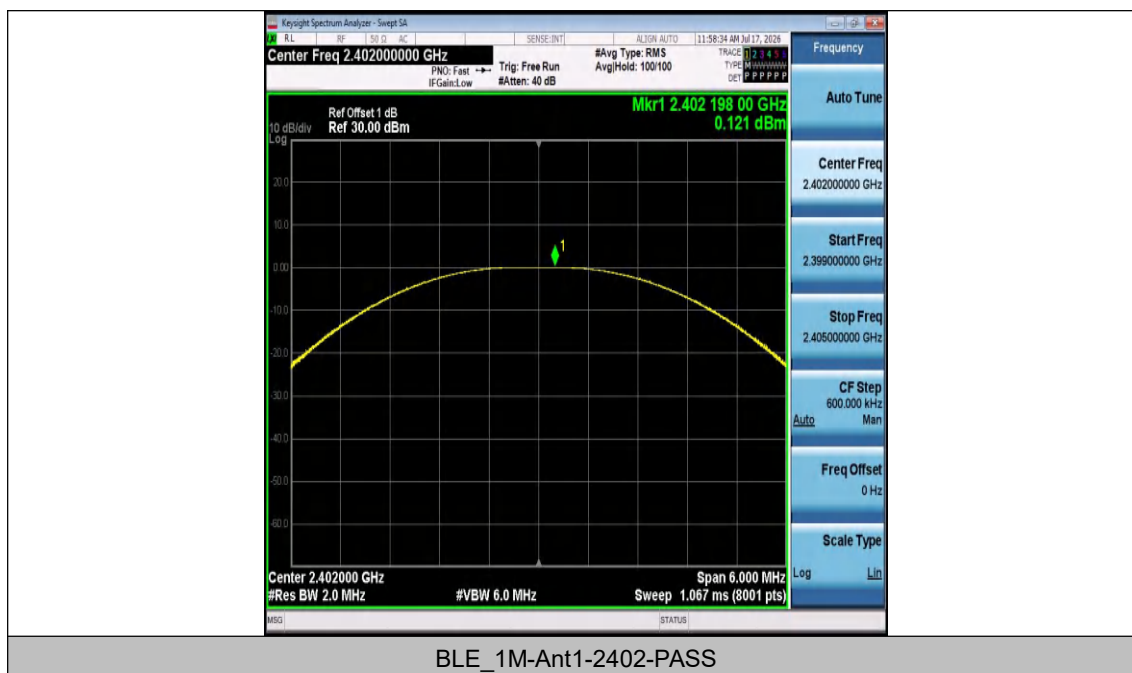
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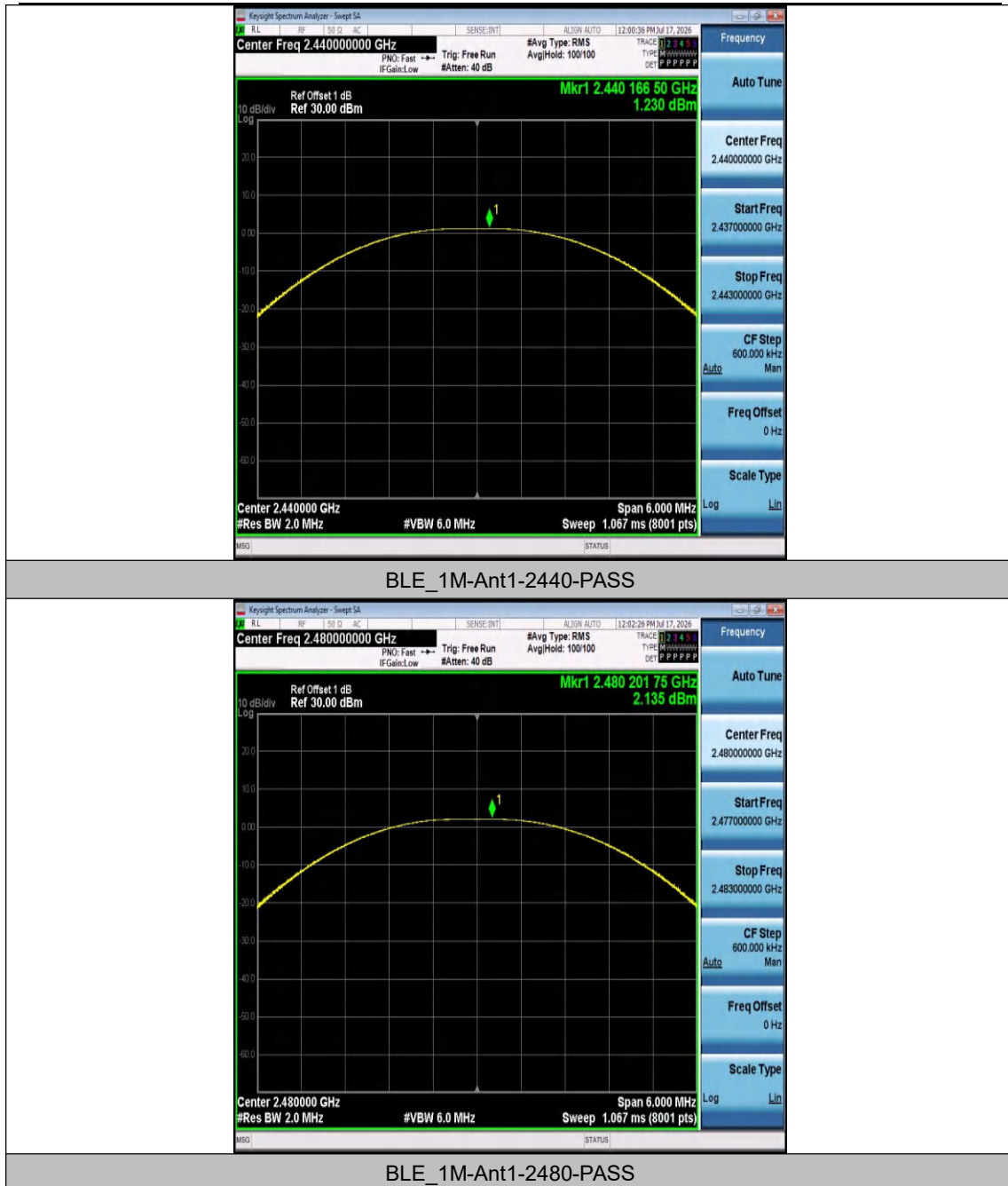
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.12	≤30	PASS
BLE_1M	Ant1	2440	1.23	≤30	PASS
BLE_1M	Ant1	2480	2.14	≤30	PASS
BLE_2M	Ant1	2402	0.06	≤30	PASS
BLE_2M	Ant1	2440	1.20	≤30	PASS
BLE_2M	Ant1	2480	2.12	≤30	PASS

Test Graphs Peak

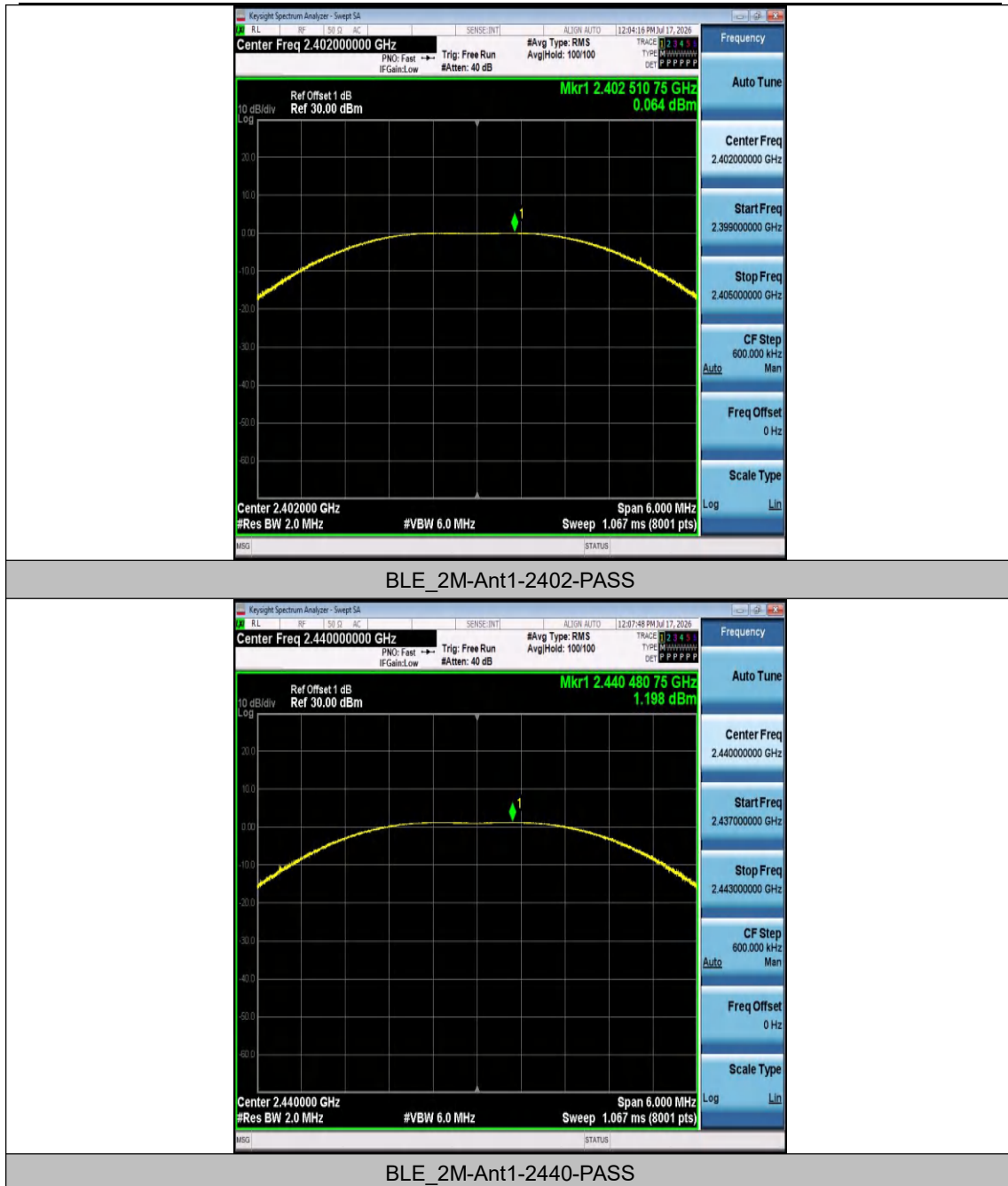




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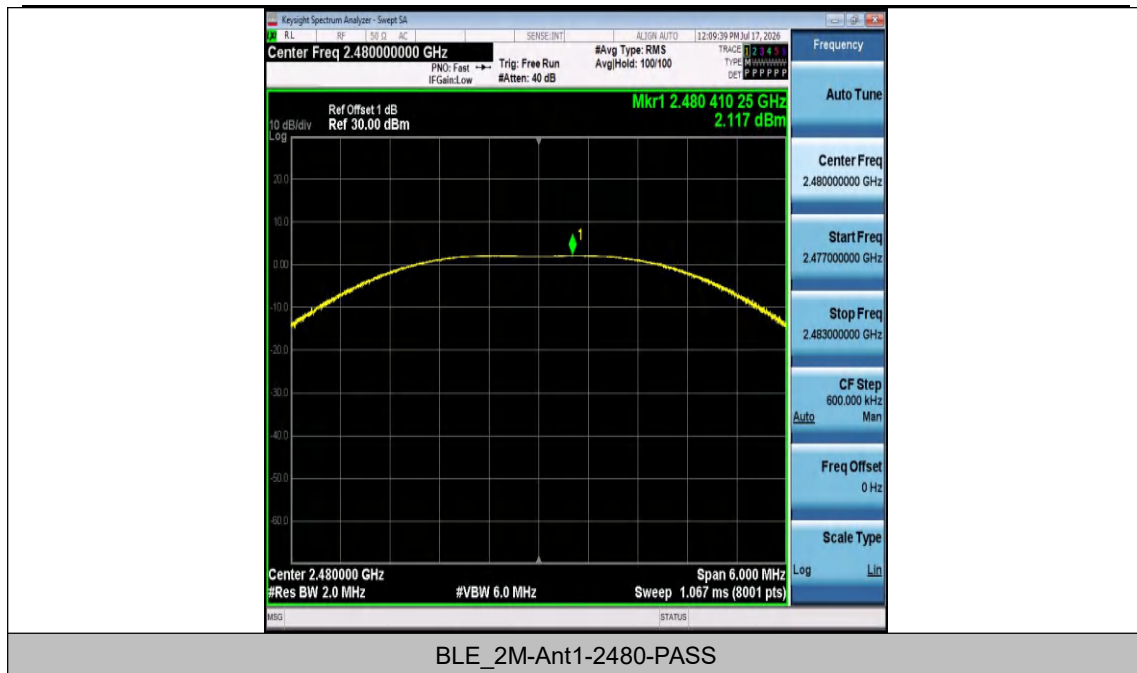
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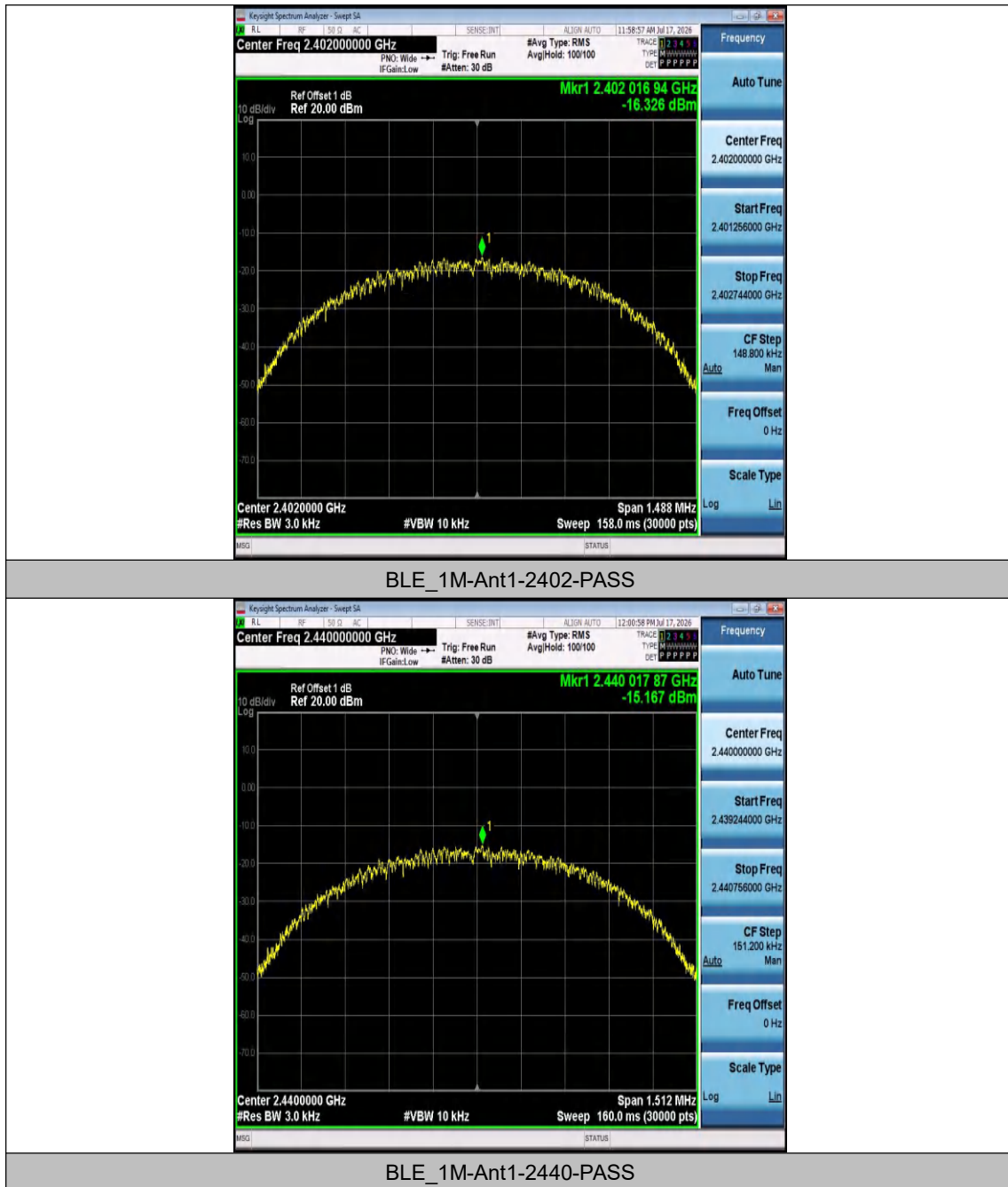
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.33	≤8.00	PASS
BLE_1M	Ant1	2440	-15.17	≤8.00	PASS
BLE_1M	Ant1	2480	-14.29	≤8.00	PASS
BLE_2M	Ant1	2402	-17.20	≤8.00	PASS
BLE_2M	Ant1	2440	-16.07	≤8.00	PASS
BLE_2M	Ant1	2480	-15.27	≤8.00	PASS

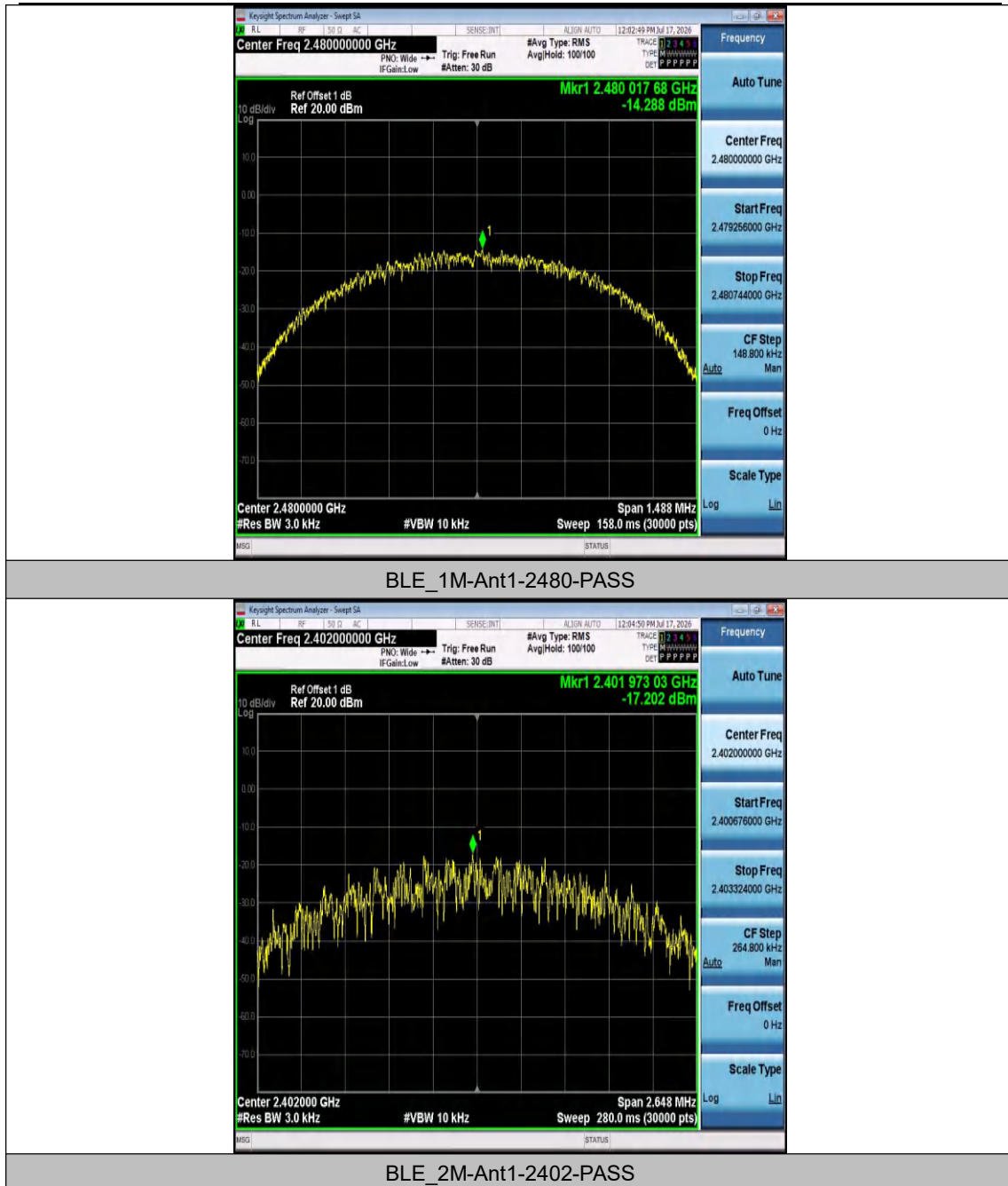
Test Graphs



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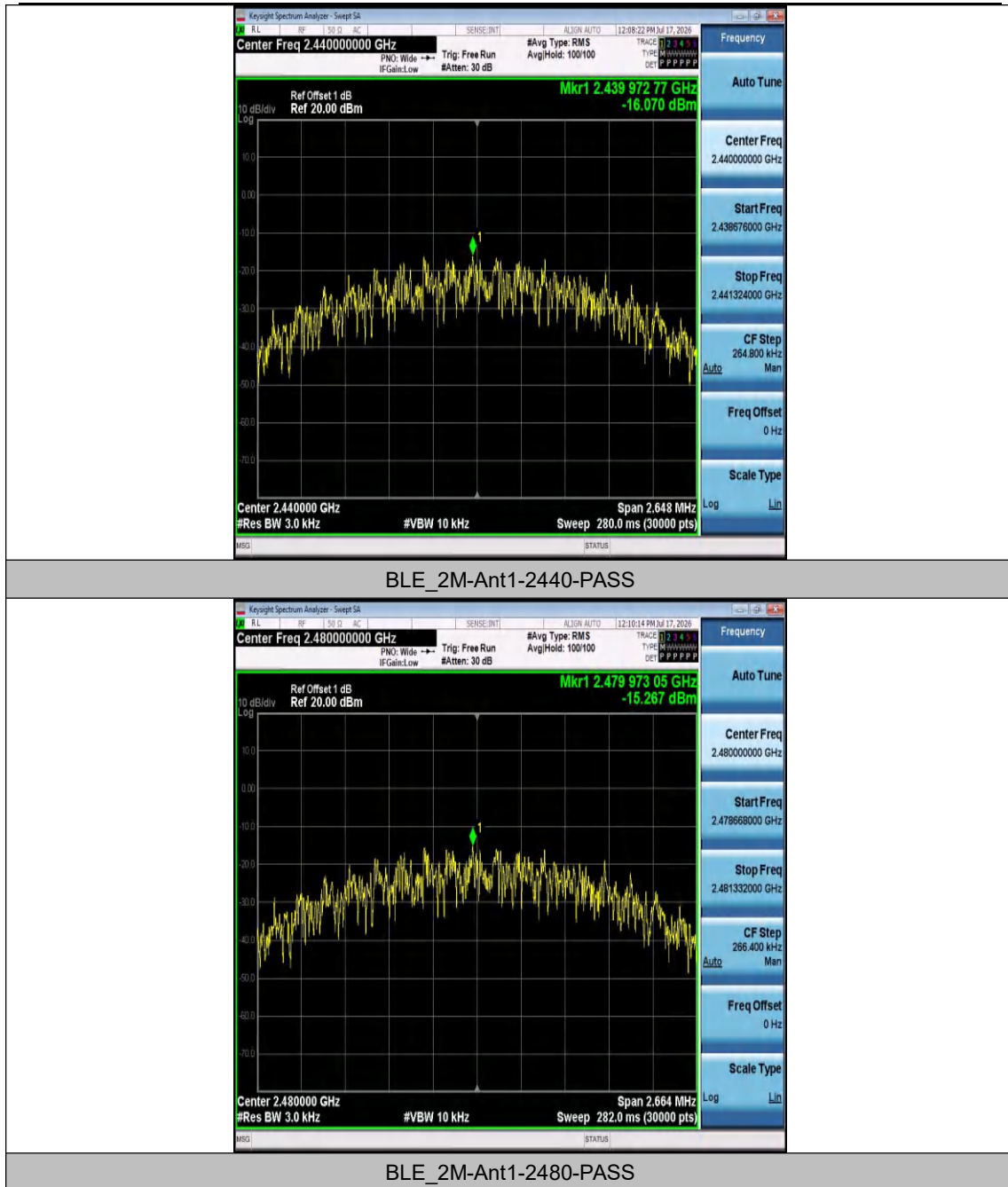
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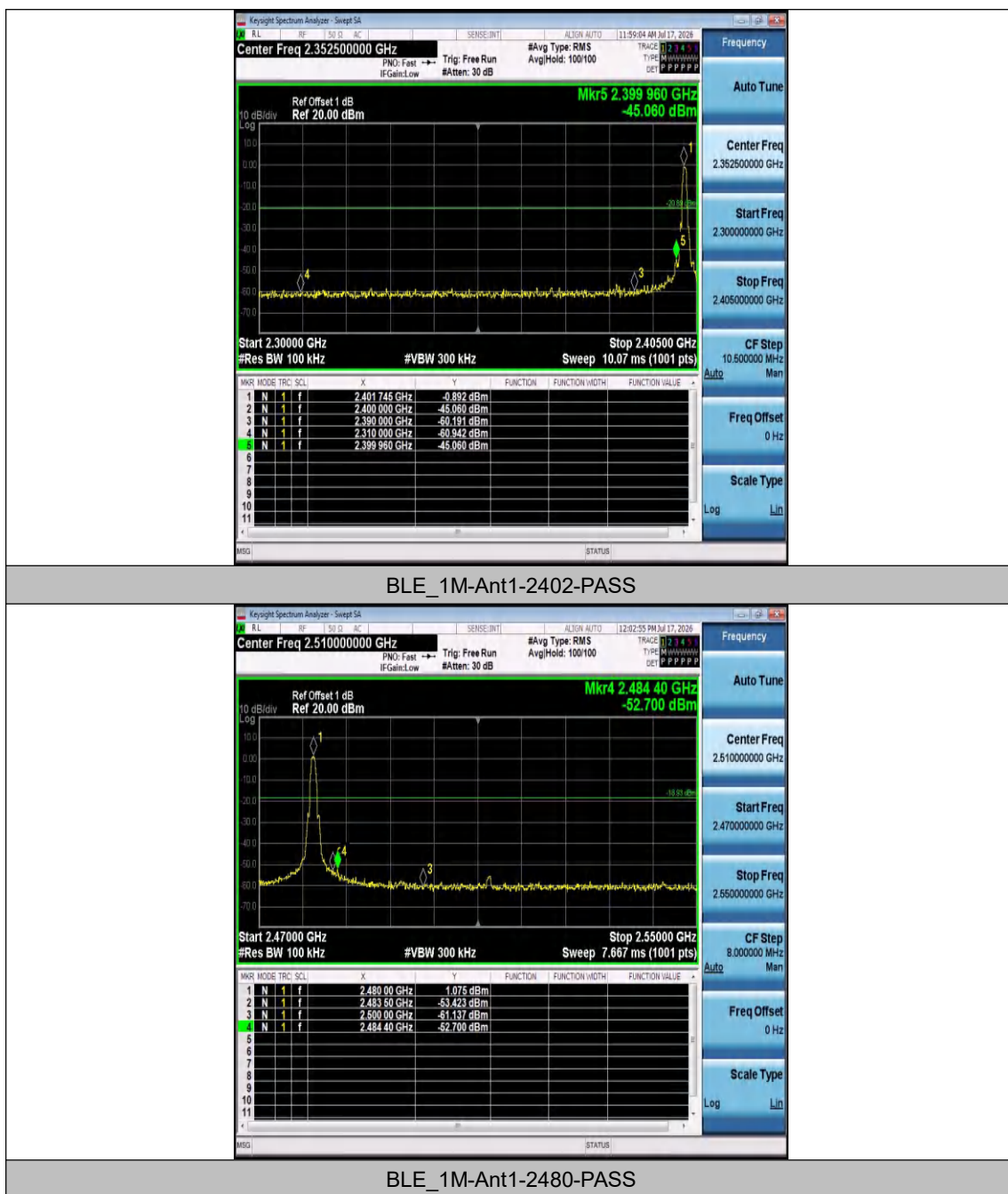
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.89	-45.06	≤-20.89	PASS
BLE_1M	Ant1	High	2480	1.08	-52.7	≤-18.93	PASS
BLE_2M	Ant1	Low	2402	-2.42	-31.15	≤-22.42	PASS
BLE_2M	Ant1	High	2480	-0.67	-51.38	≤-20.67	PASS

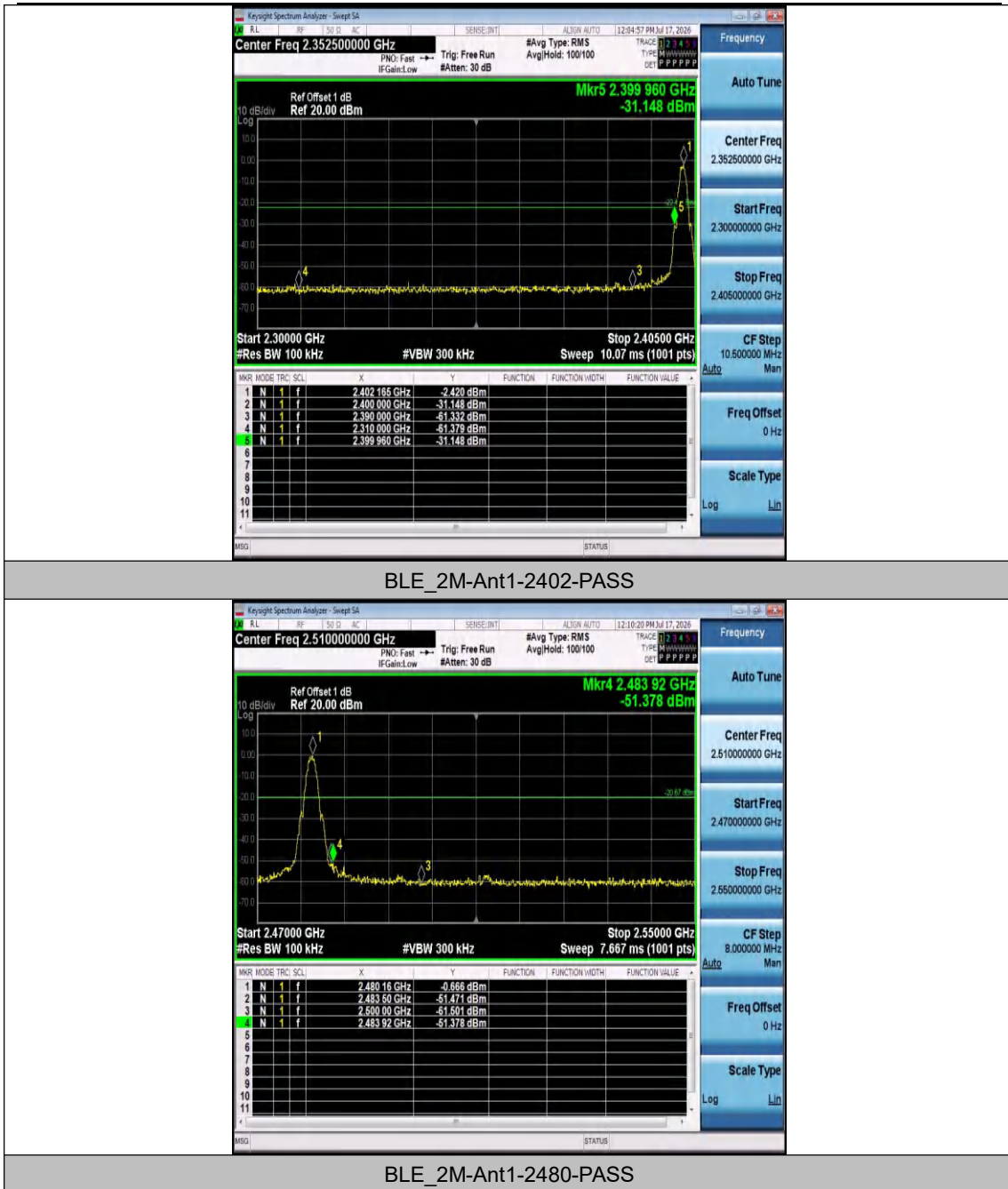
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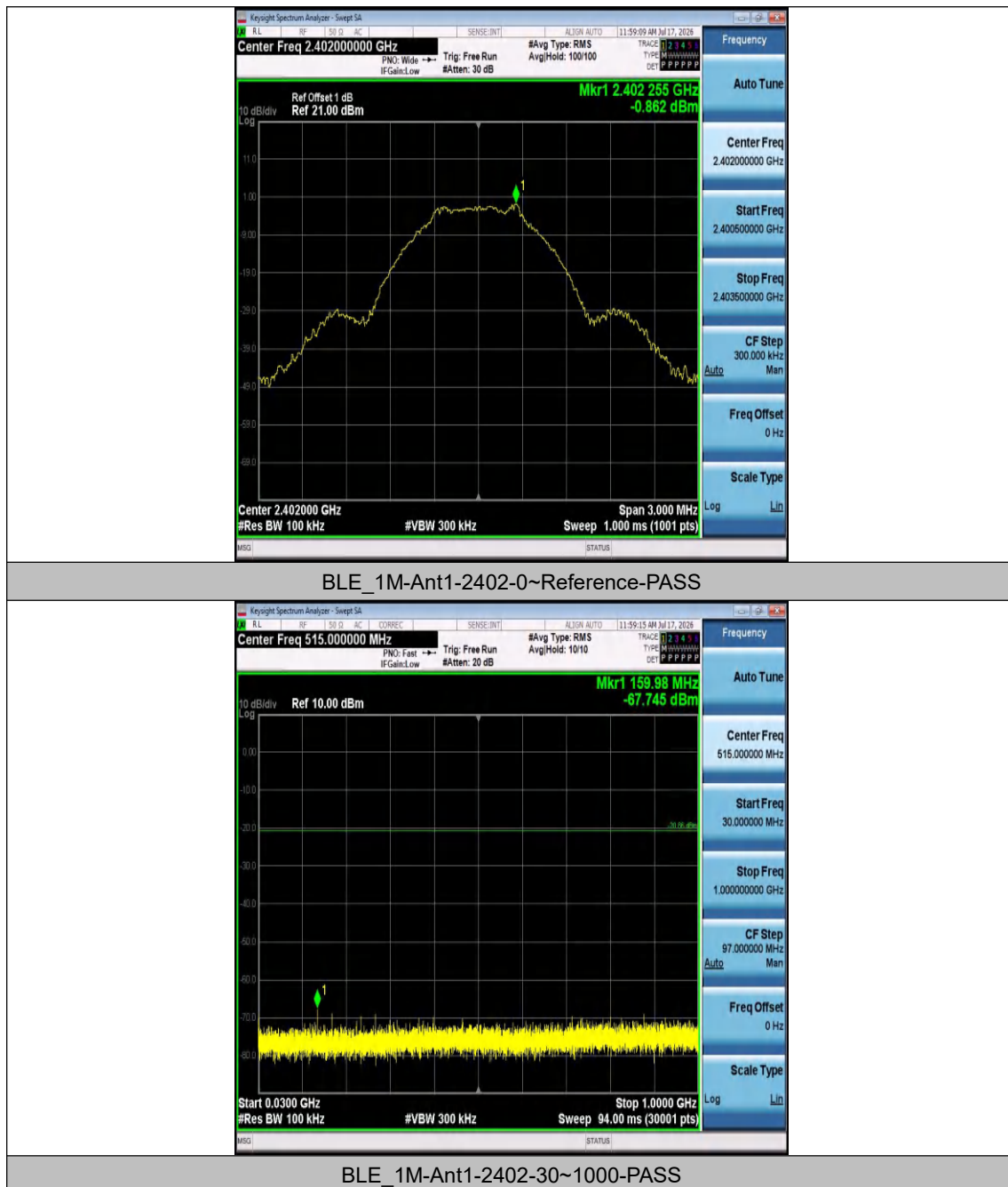
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.86	-0.86	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.86	-67.75	≤-20.86	PASS
BLE_1M	Ant1	2402	1000~26500	-0.86	-24.3	≤-20.86	PASS
BLE_1M	Ant1	2440	0~Reference	-0.20	-0.20	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.20	-67.95	≤-20.2	PASS
BLE_1M	Ant1	2440	1000~26500	-0.20	-24.55	≤-20.2	PASS
BLE_1M	Ant1	2480	0~Reference	1.26	1.26	---	PASS
BLE_1M	Ant1	2480	30~1000	1.26	-68.77	≤-18.74	PASS
BLE_1M	Ant1	2480	1000~26500	1.26	-22.81	≤-18.74	PASS
BLE_2M	Ant1	2402	0~Reference	-2.92	-2.92	---	PASS
BLE_2M	Ant1	2402	30~1000	-2.92	-67.26	≤-22.92	PASS
BLE_2M	Ant1	2402	1000~26500	-2.92	-27.14	≤-22.92	PASS
BLE_2M	Ant1	2440	0~Reference	-1.76	-1.76	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.76	-68.55	≤-21.76	PASS
BLE_2M	Ant1	2440	1000~26500	-1.76	-25.59	≤-21.76	PASS
BLE_2M	Ant1	2480	0~Reference	-1.14	-1.14	---	PASS
BLE_2M	Ant1	2480	30~1000	-1.14	-67.42	≤-21.14	PASS
BLE_2M	Ant1	2480	1000~26500	-1.14	-23.22	≤-21.14	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.

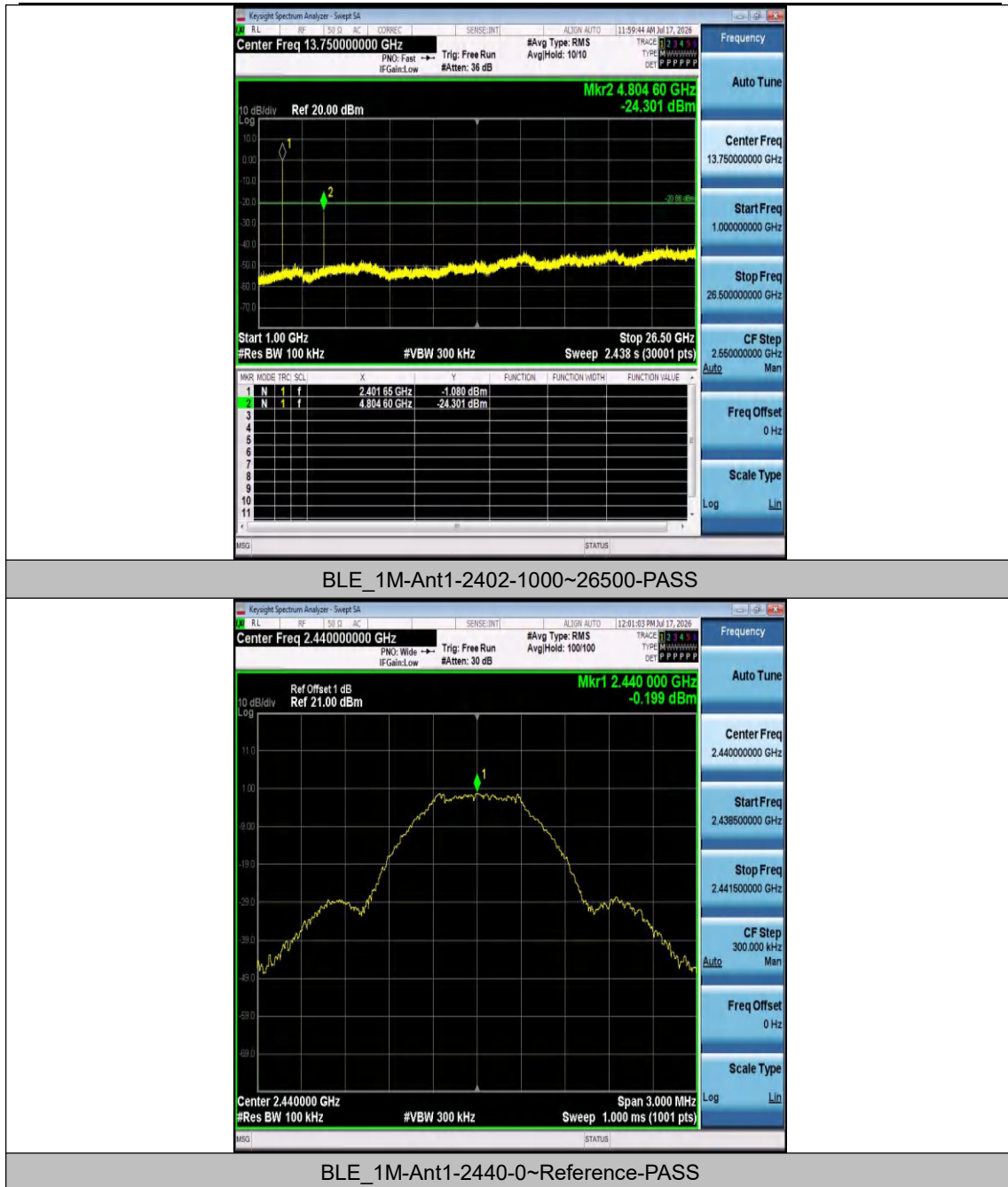
Test Graphs



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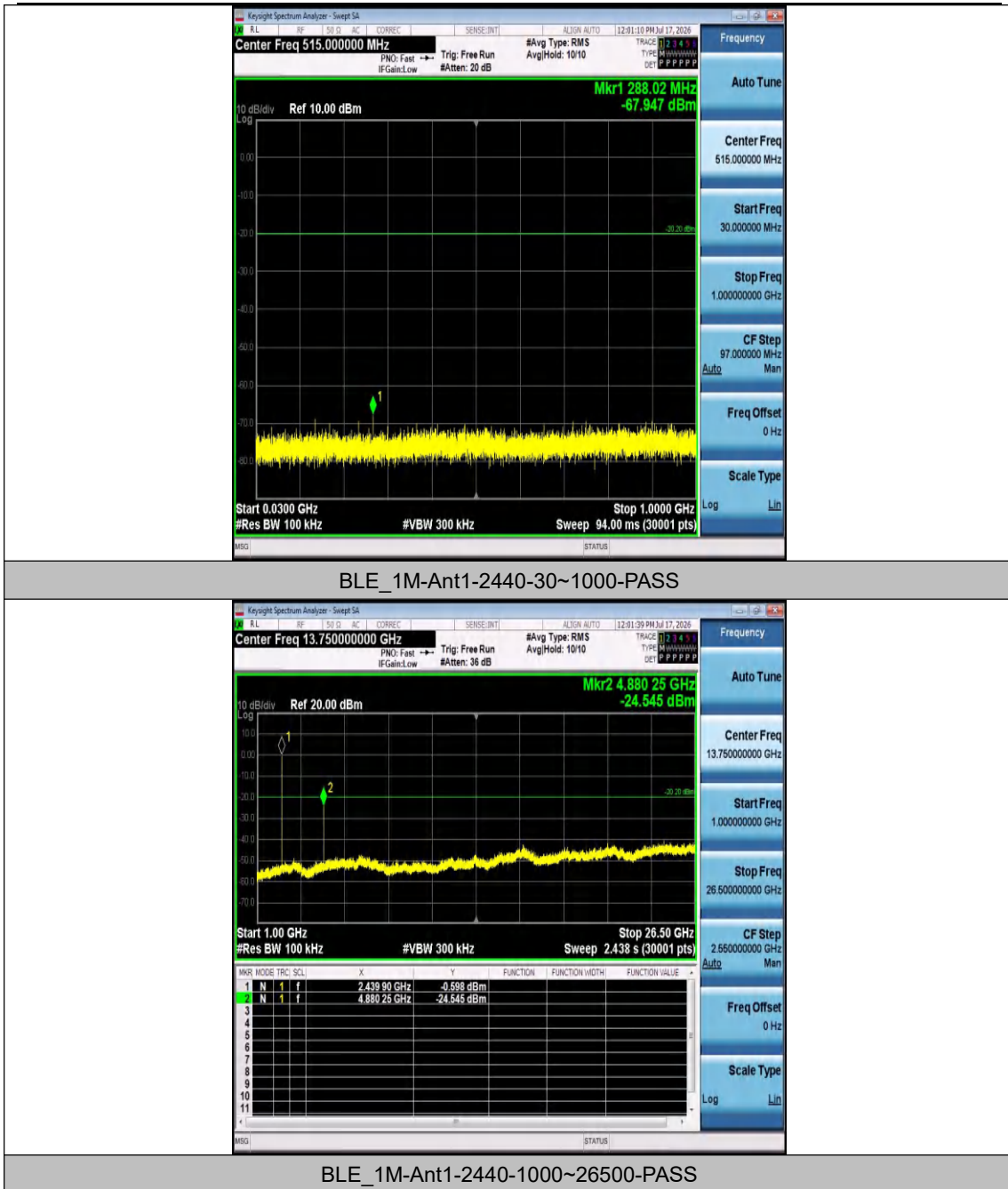
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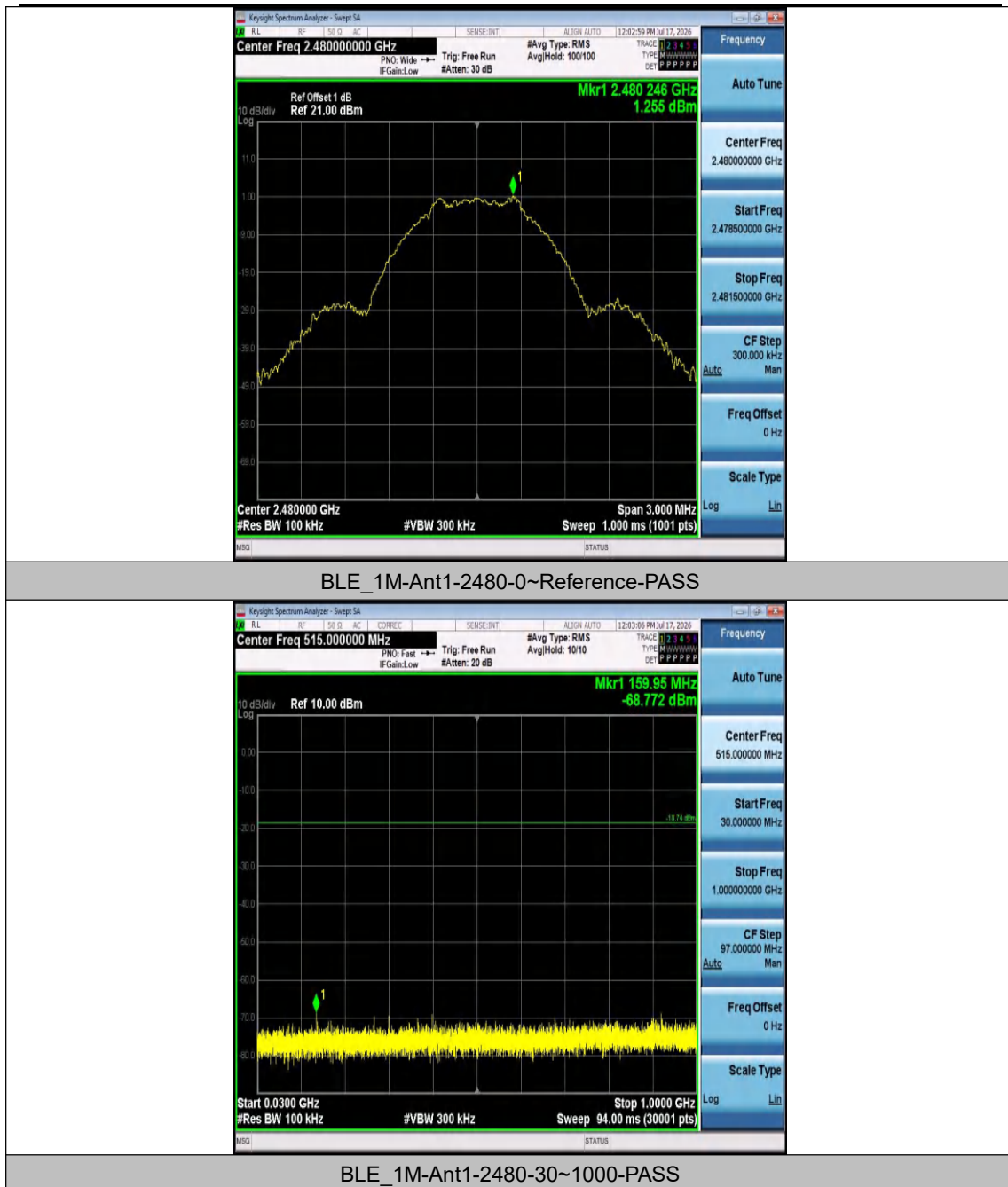
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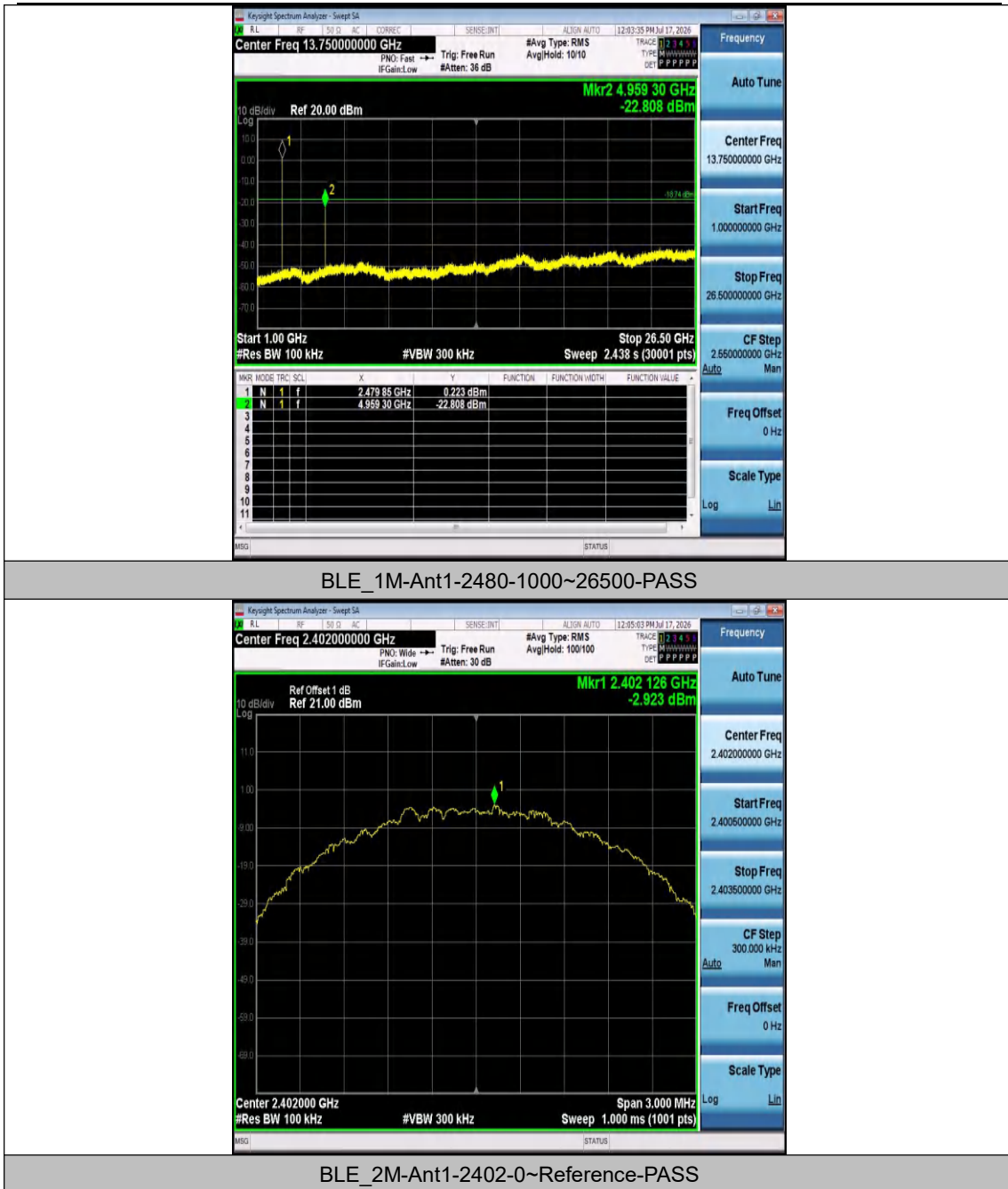
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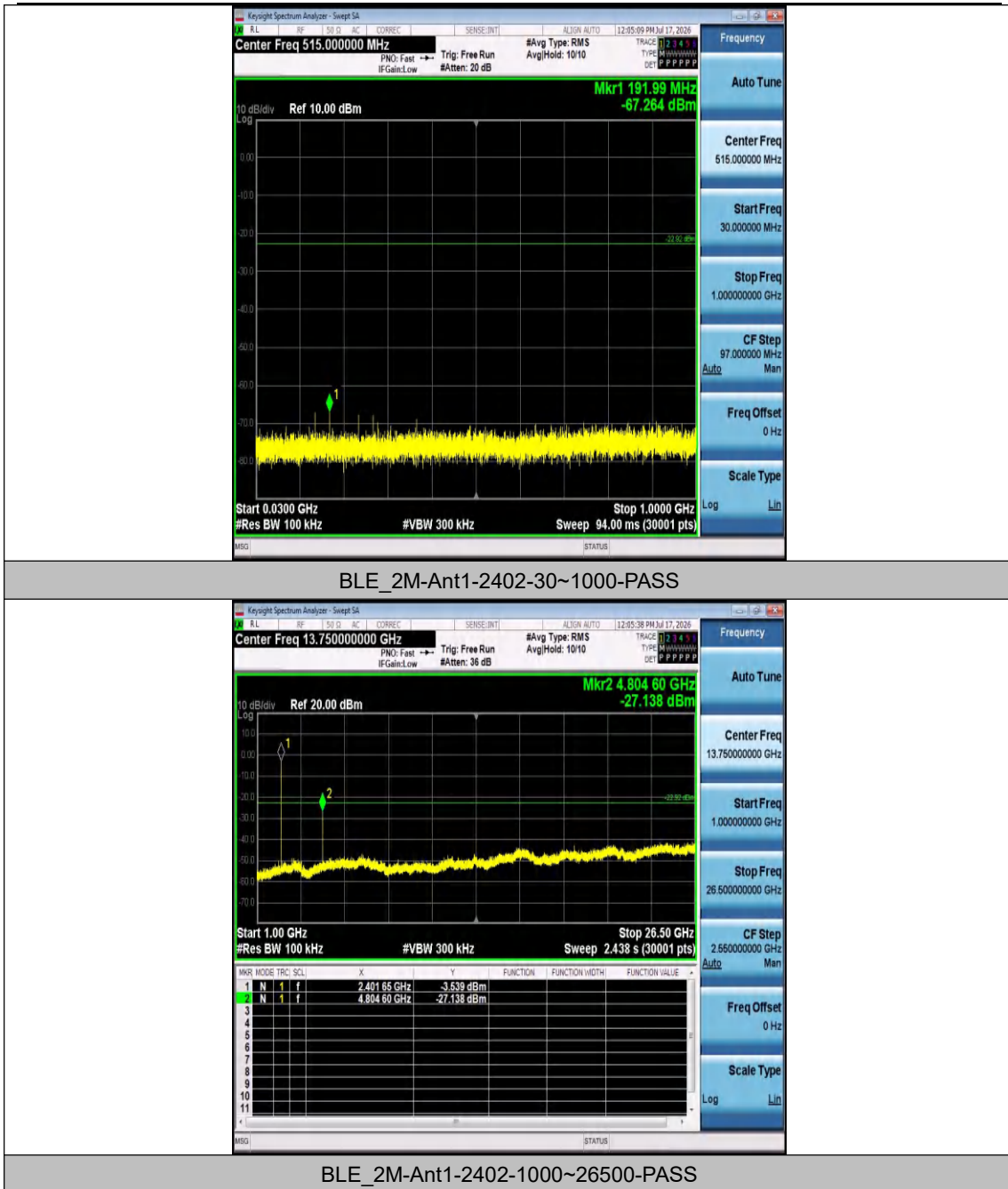
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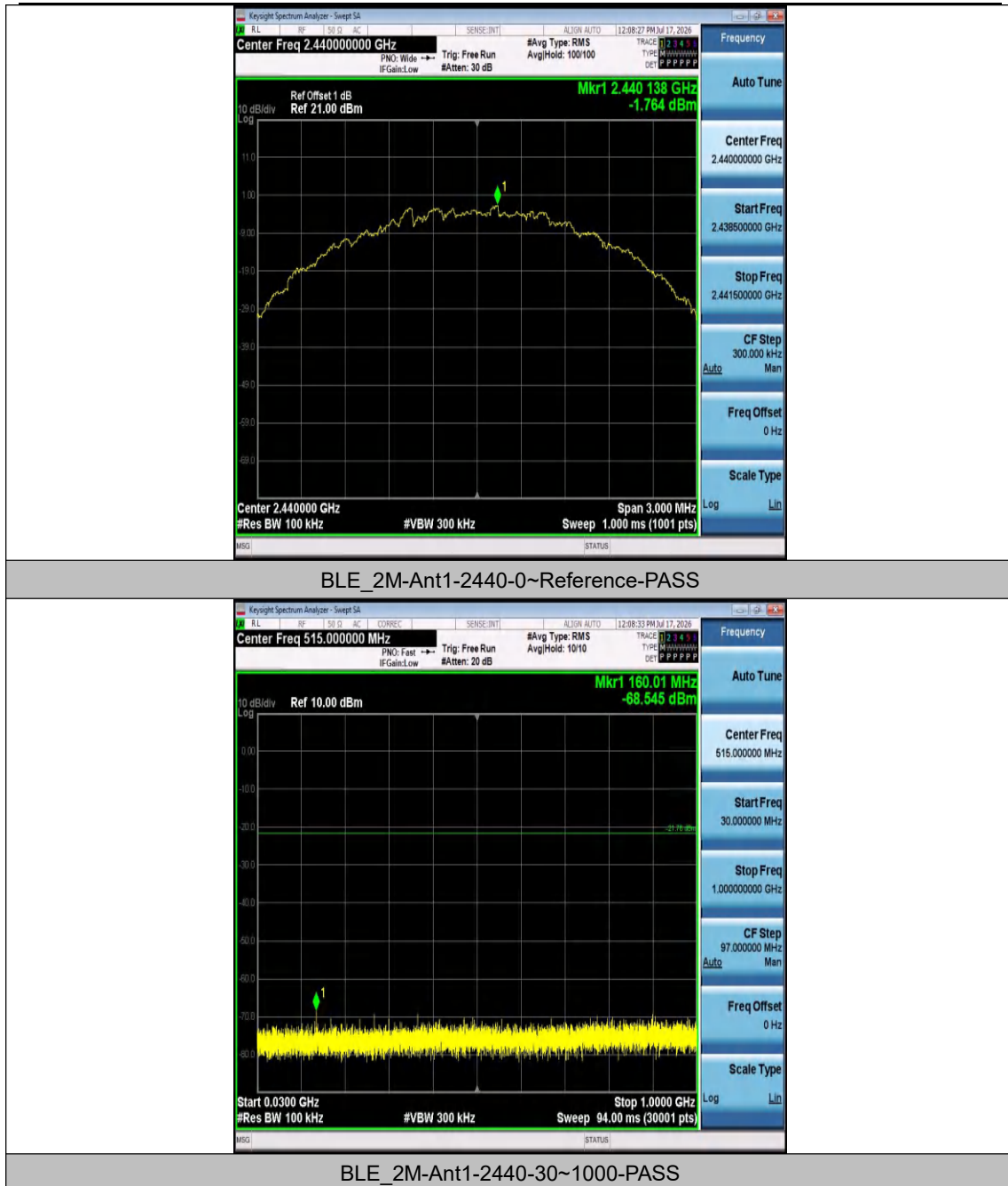
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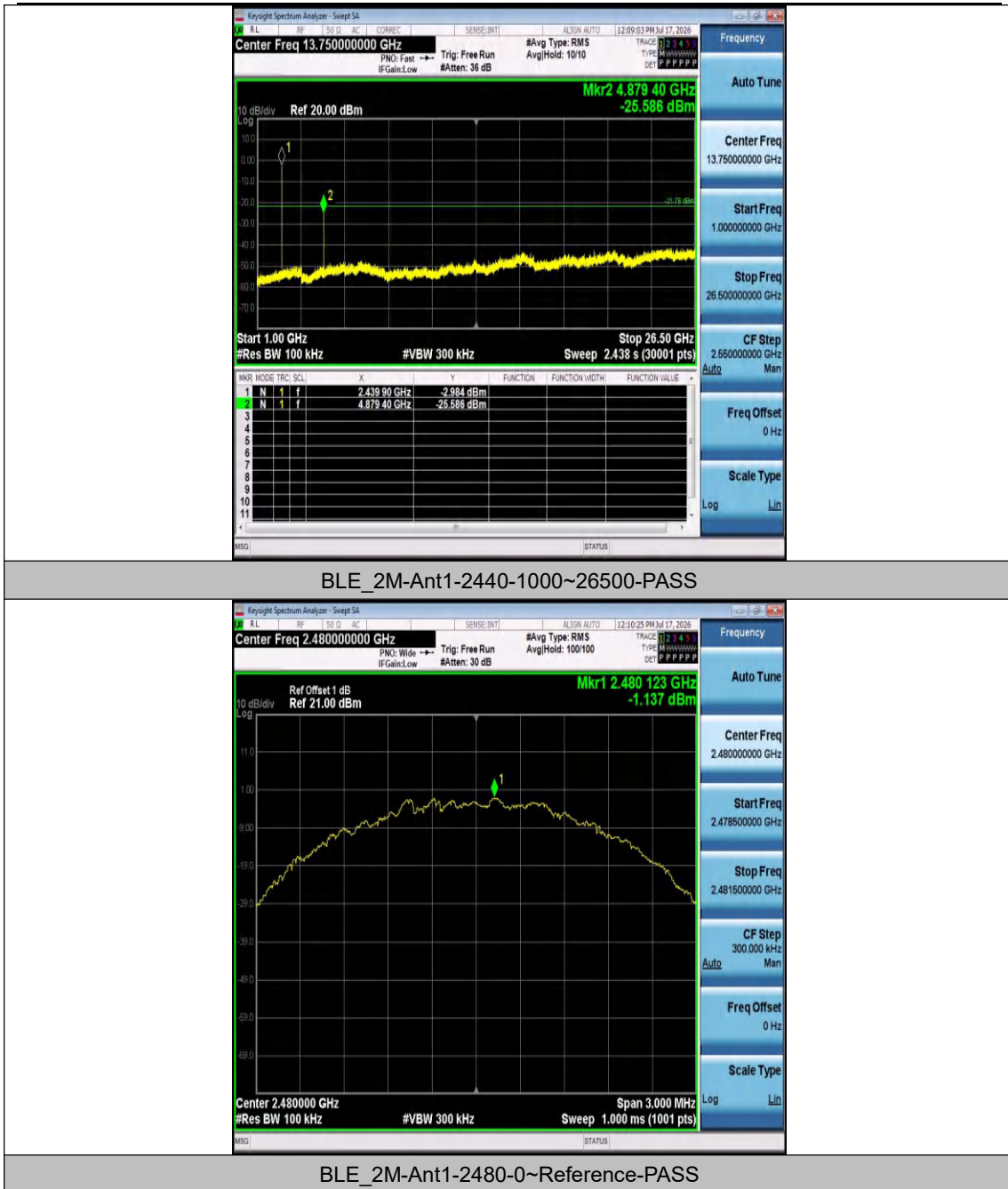
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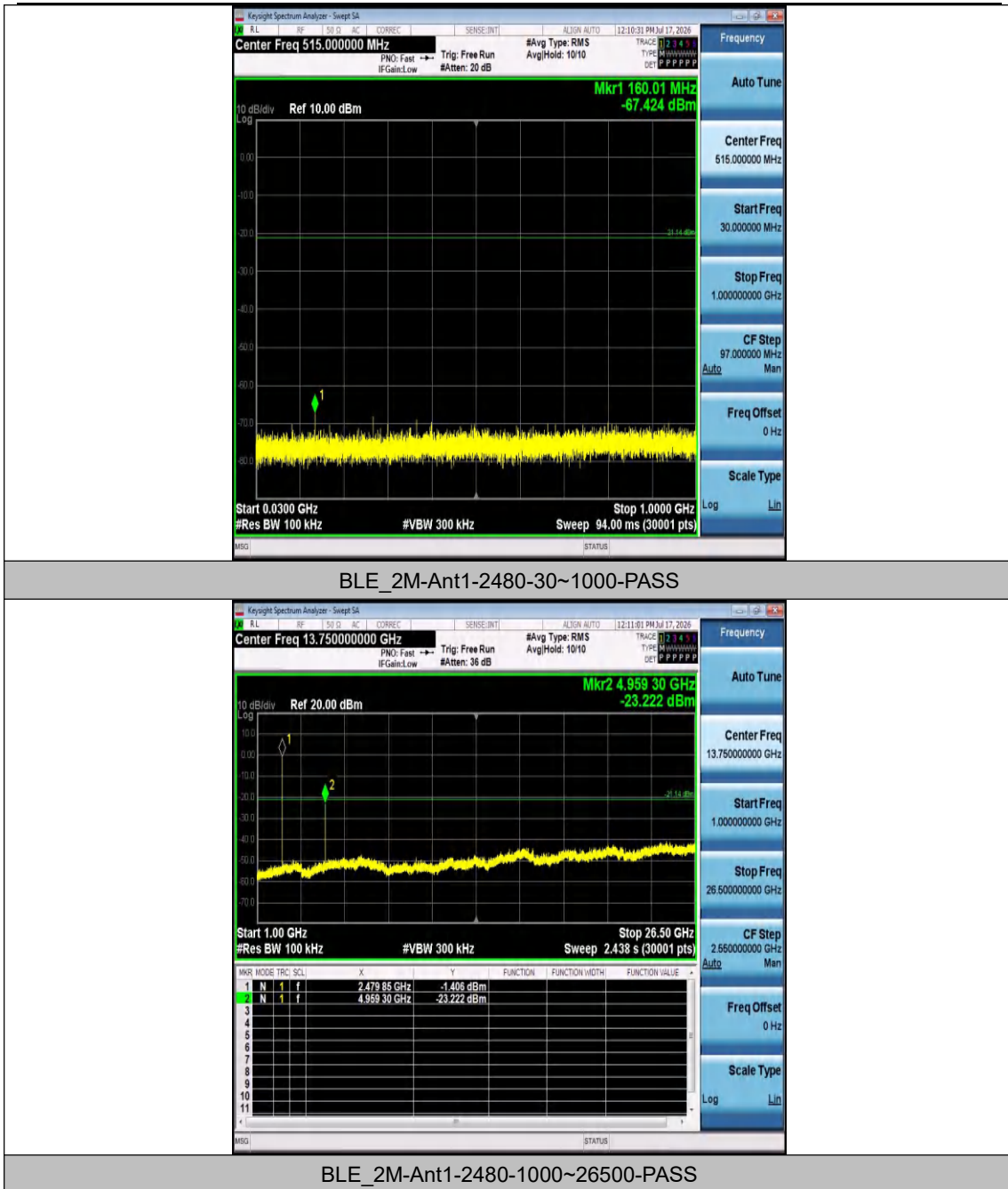
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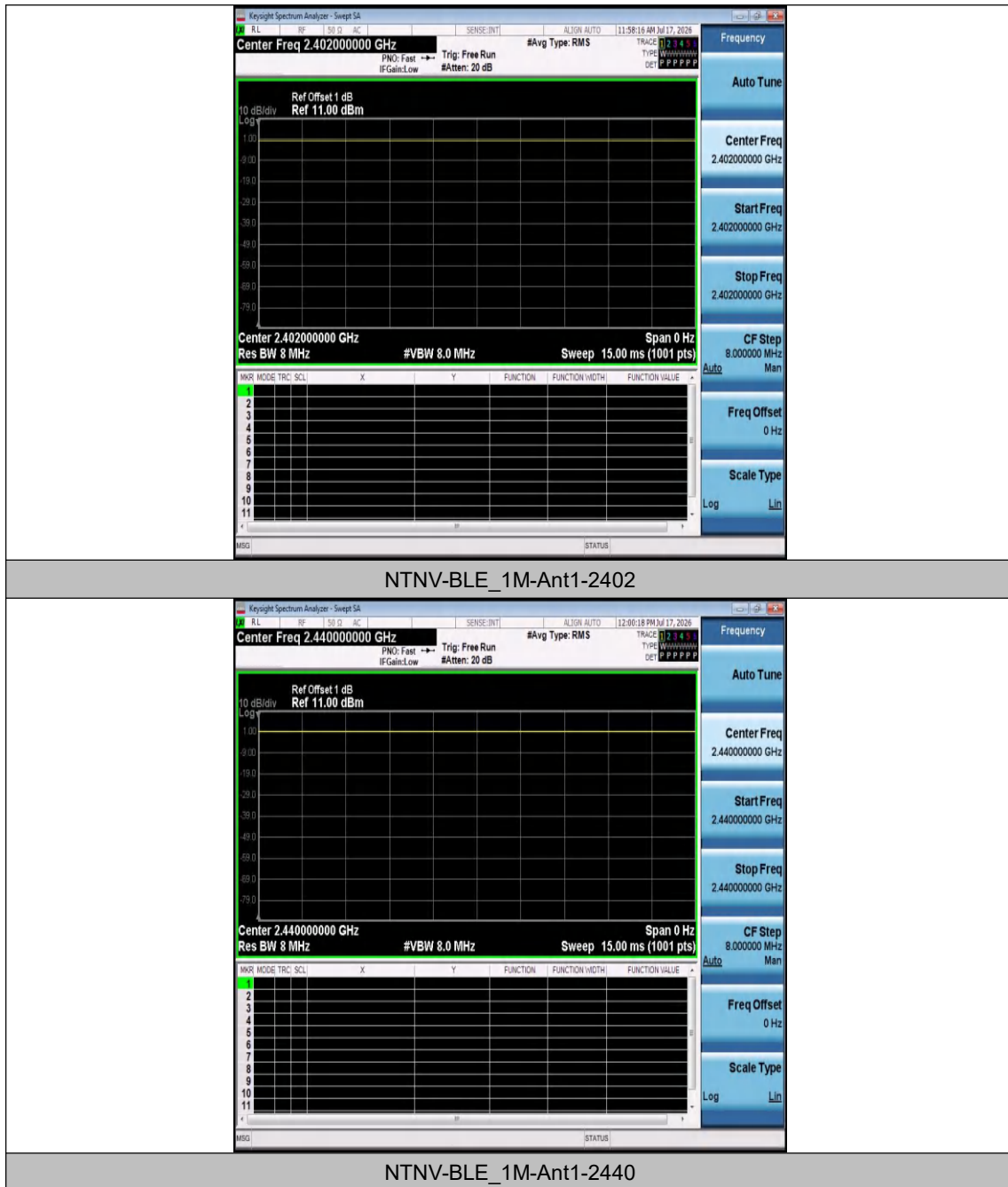
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	15.00	15.00	100.00	0.00
BLE_1M	Ant1	2440	15.00	15.00	100.00	0.00
BLE_1M	Ant1	2480	15.00	15.00	100.00	0.00
BLE_2M	Ant1	2402	15.00	15.00	100.00	0.00
BLE_2M	Ant1	2440	15.00	15.00	100.00	0.00
BLE_2M	Ant1	2480	15.00	15.00	100.00	0.00

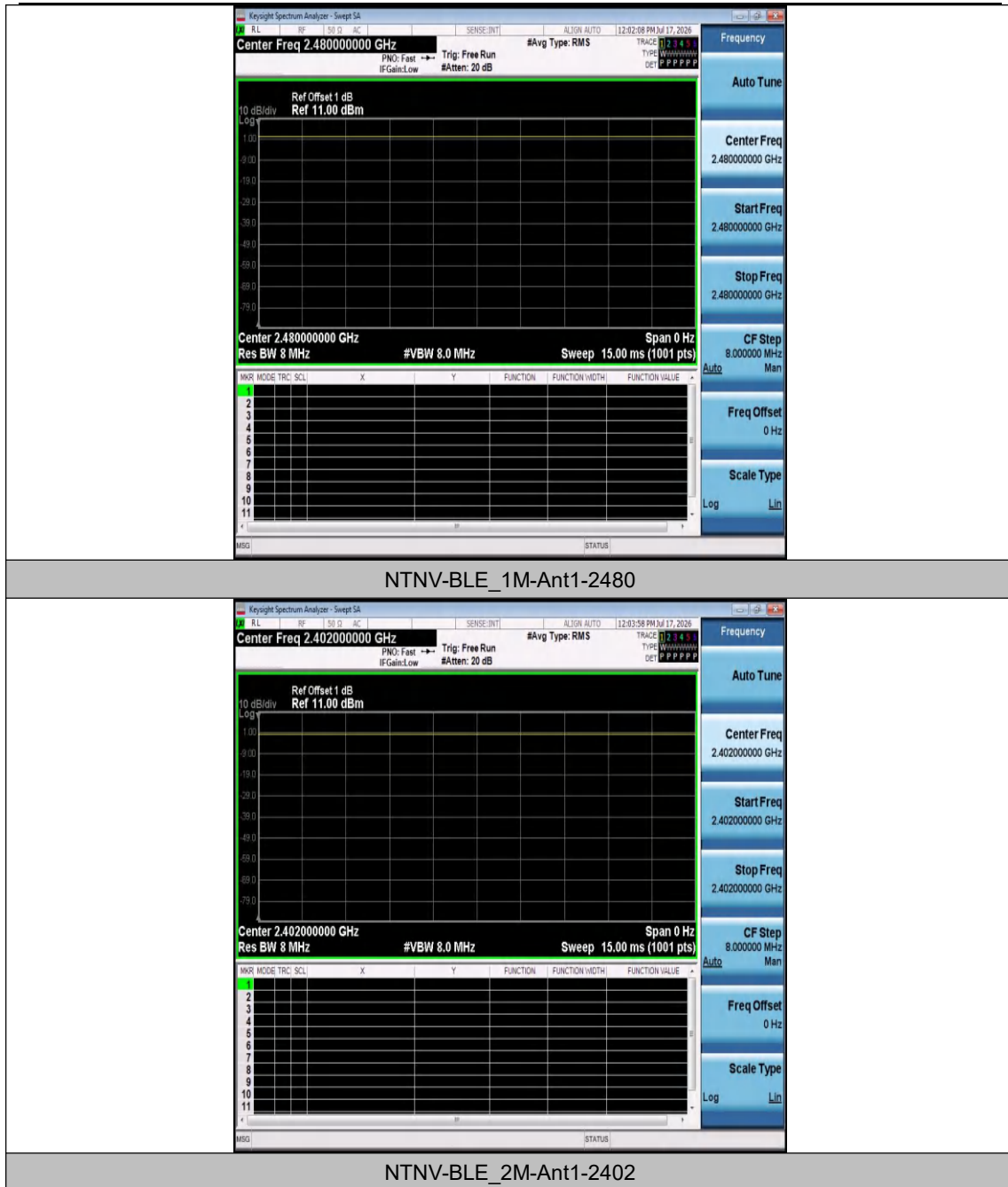
Test Graphs



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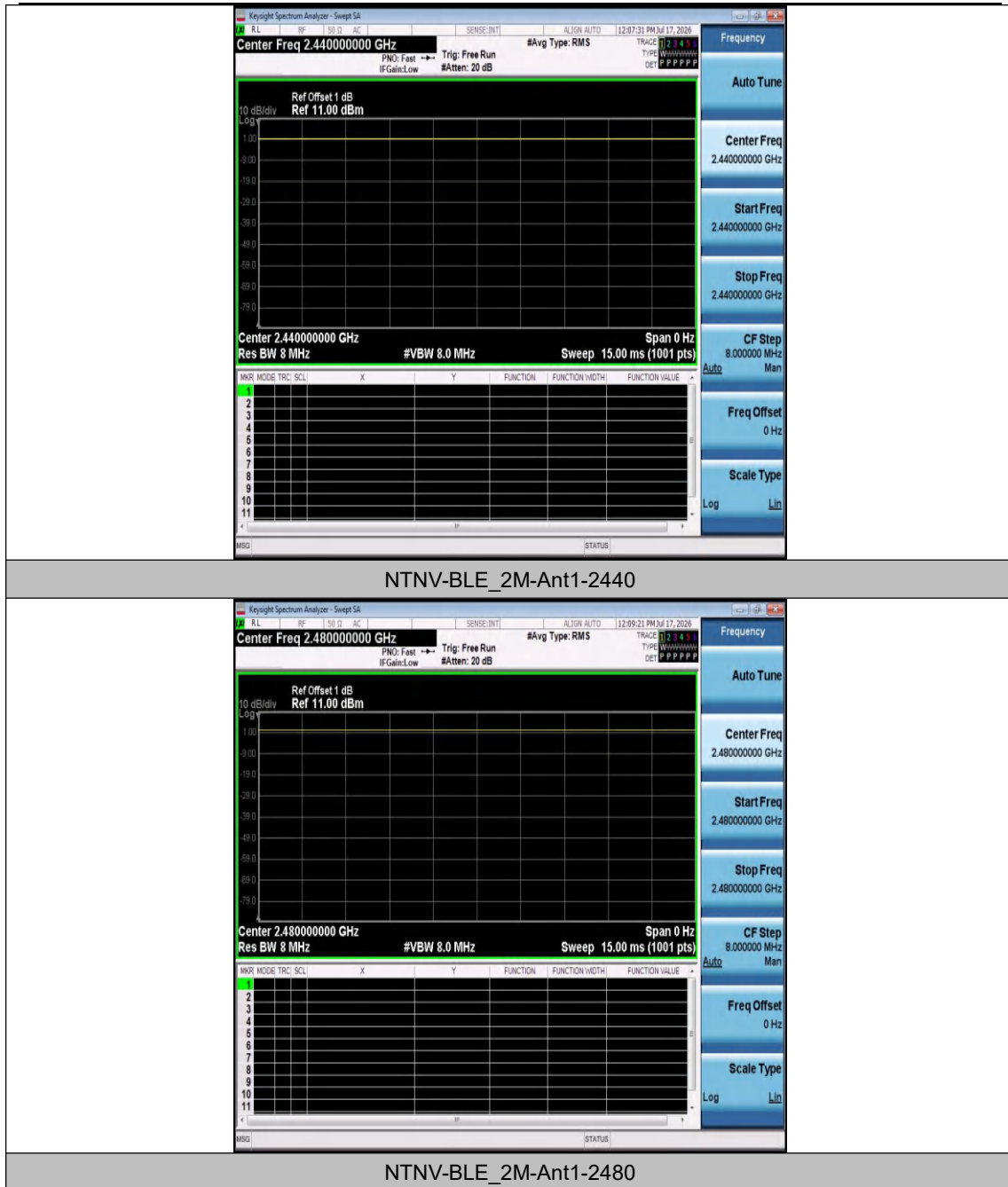
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