

Appendix Test Data

Report No.:	1812C60310712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-6	Finish Test Date:	2026-7-7
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	62%
Pressure:	100.1kPa		



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	0.704	2401.632	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.640	2440.336	0.5	PASS
BLE_1M	Ant1	2480	0.704	2479.628	2480.332	0.5	PASS

Test Graphs



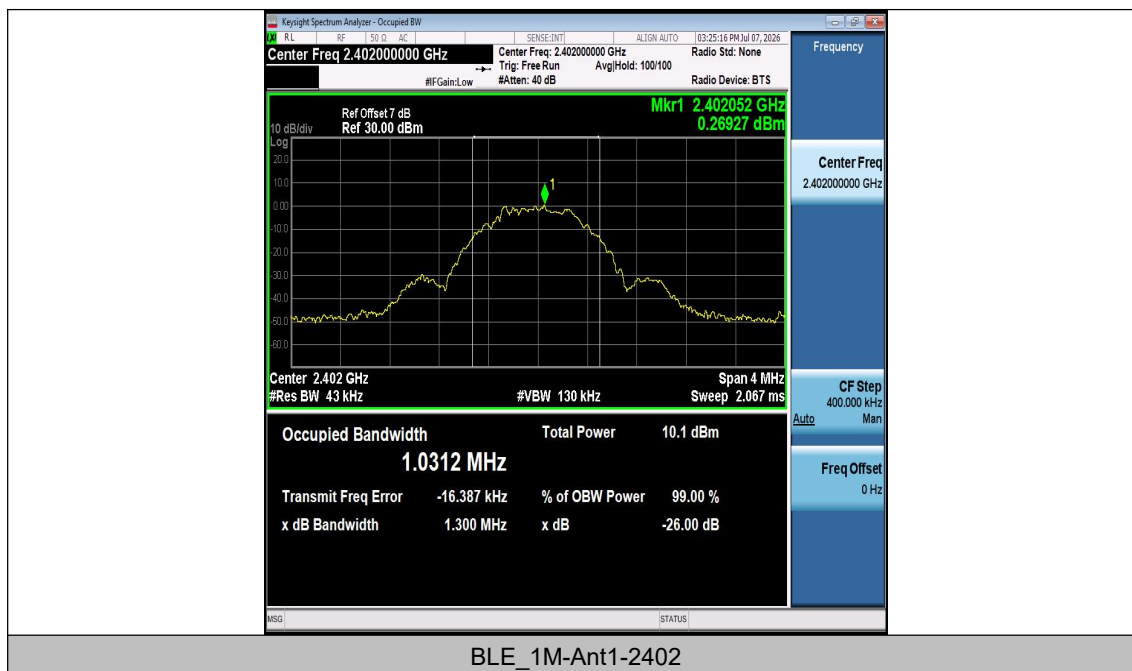


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0312	2401.4680	2402.4992	---	---
BLE_1M	Ant1	2440	1.0368	2439.4655	2440.5023	---	---
BLE_1M	Ant1	2480	1.0318	2479.4702	2480.5020	---	---

Test Graphs





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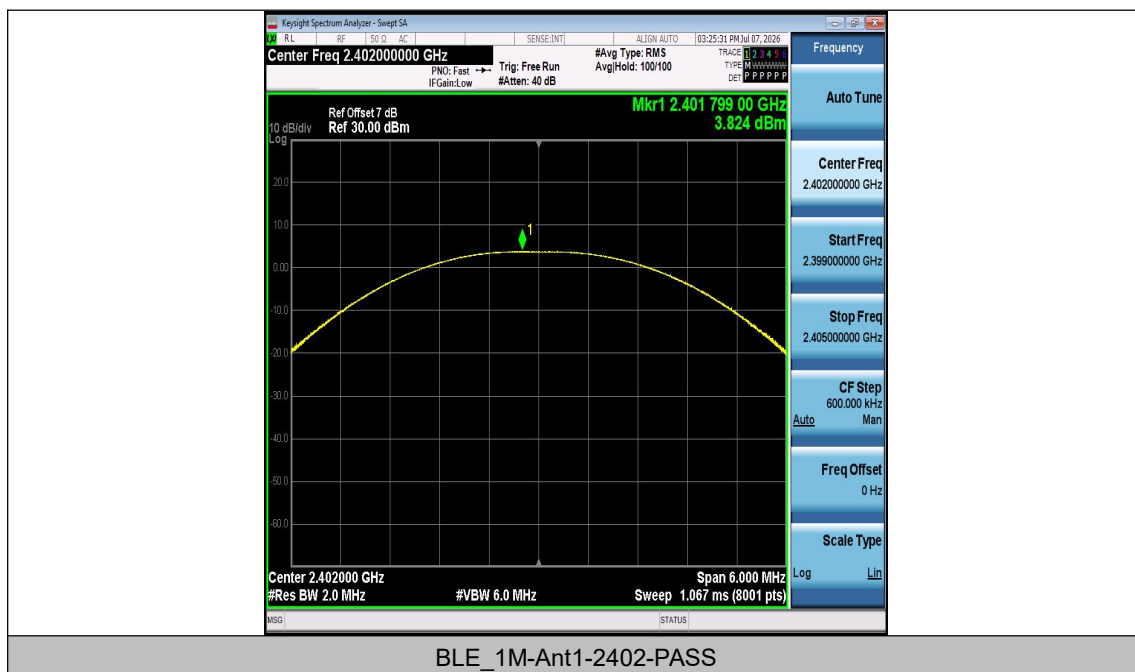
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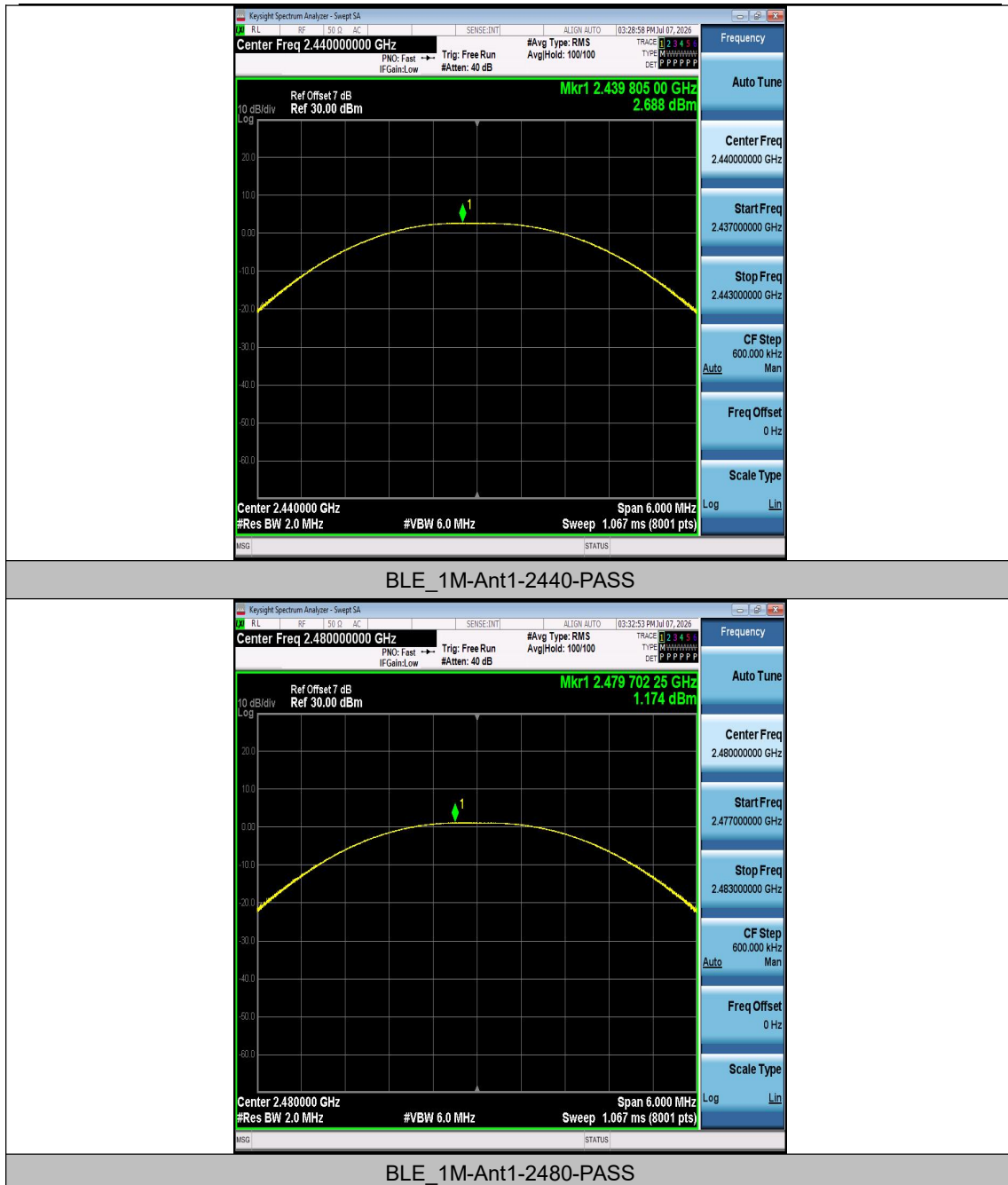
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.82	≤30	PASS
BLE_1M	Ant1	2440	2.69	≤30	PASS
BLE_1M	Ant1	2480	1.17	≤30	PASS

Test Graphs Peak





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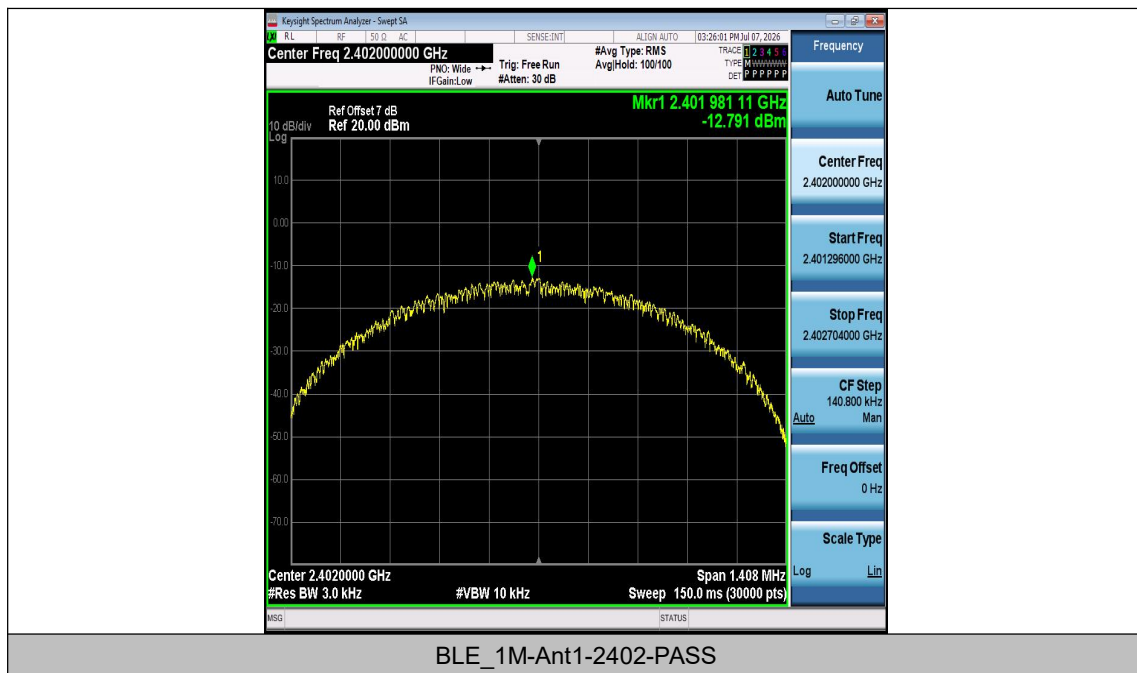
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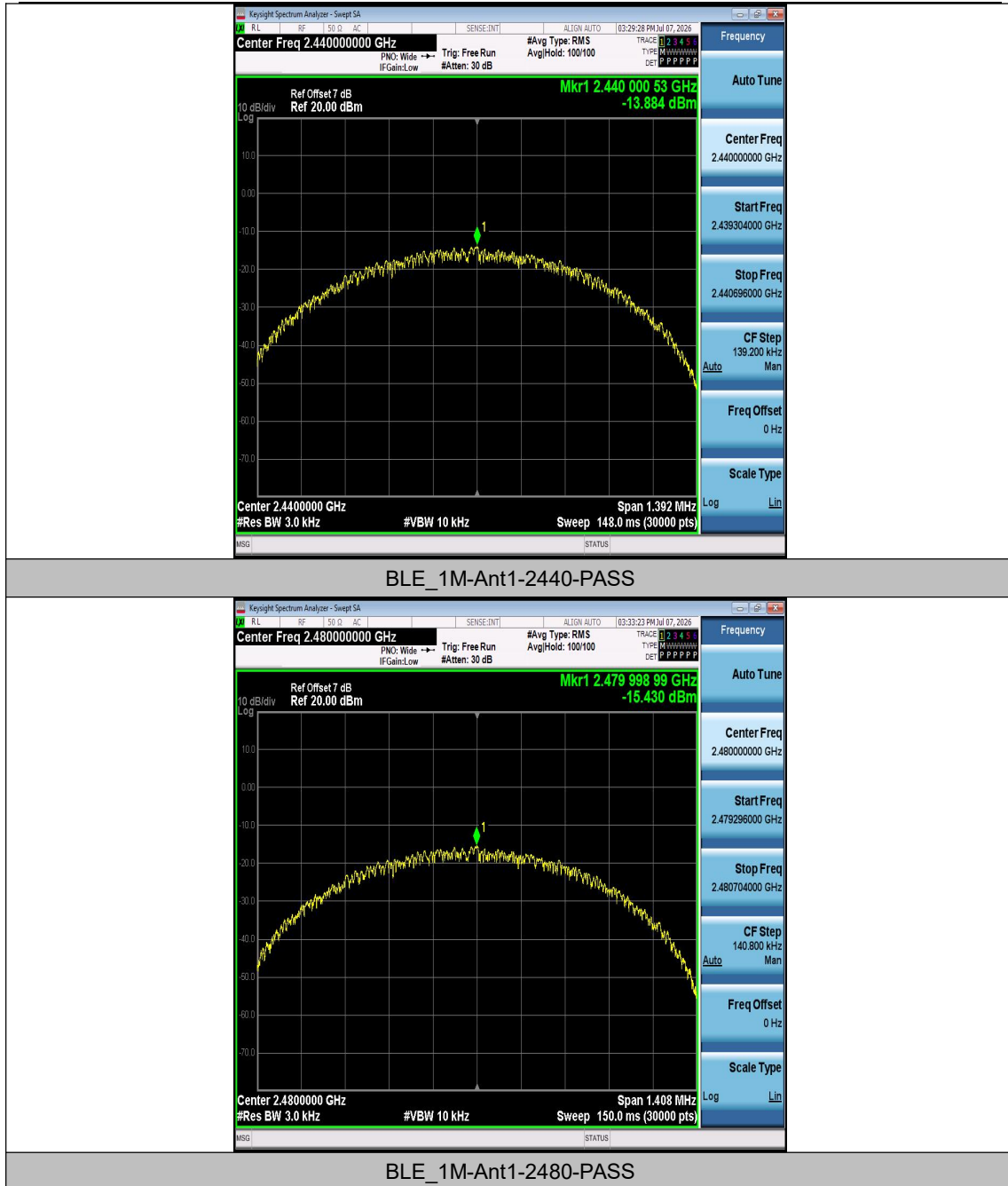
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.79	≤8.00	PASS
BLE_1M	Ant1	2440	-13.88	≤8.00	PASS
BLE_1M	Ant1	2480	-15.43	≤8.00	PASS

Test Graphs





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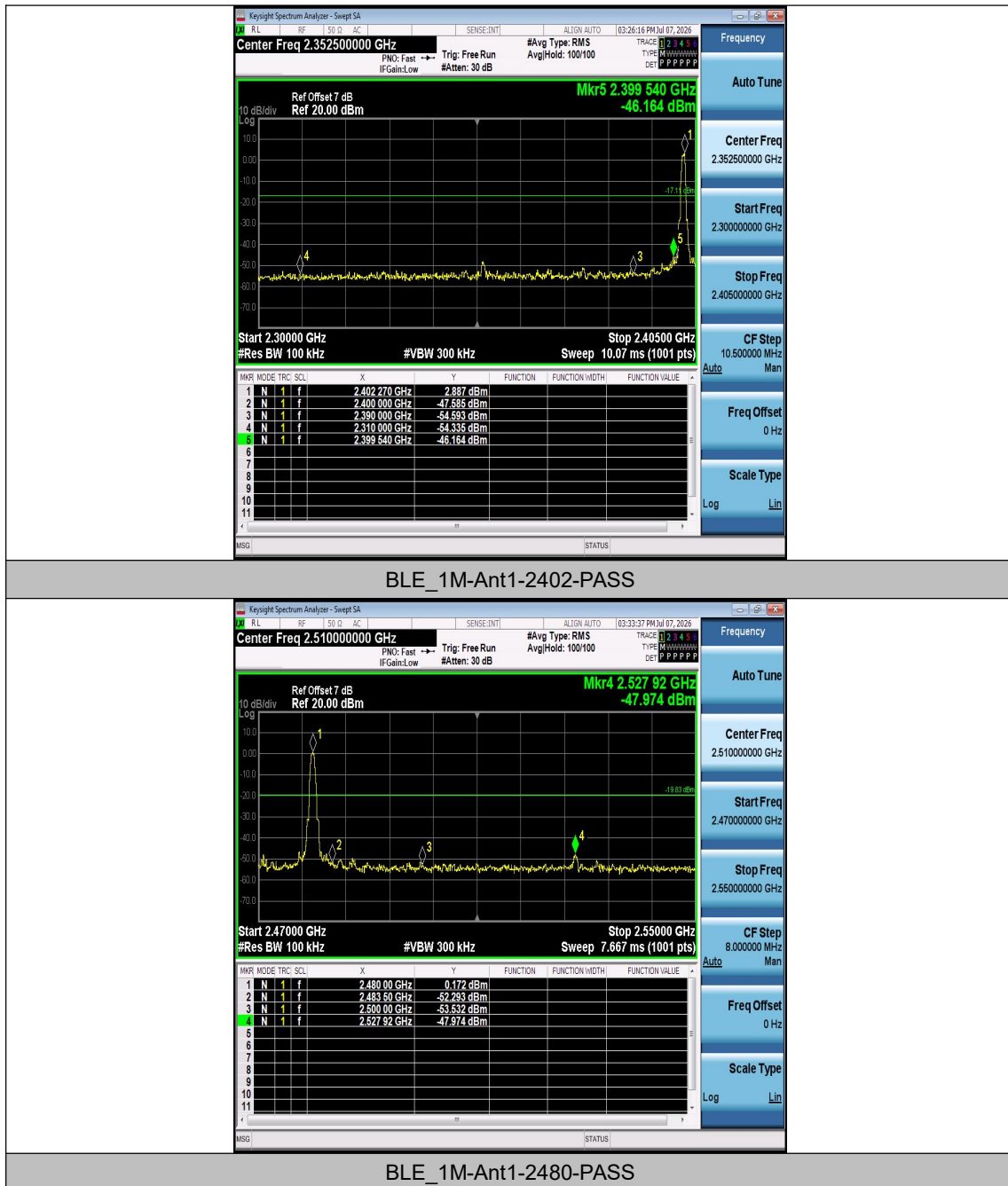
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.89	-46.16	≤-17.11	PASS
BLE_1M	Ant1	High	2480	0.17	-47.97	≤-19.83	PASS

Test Graphs



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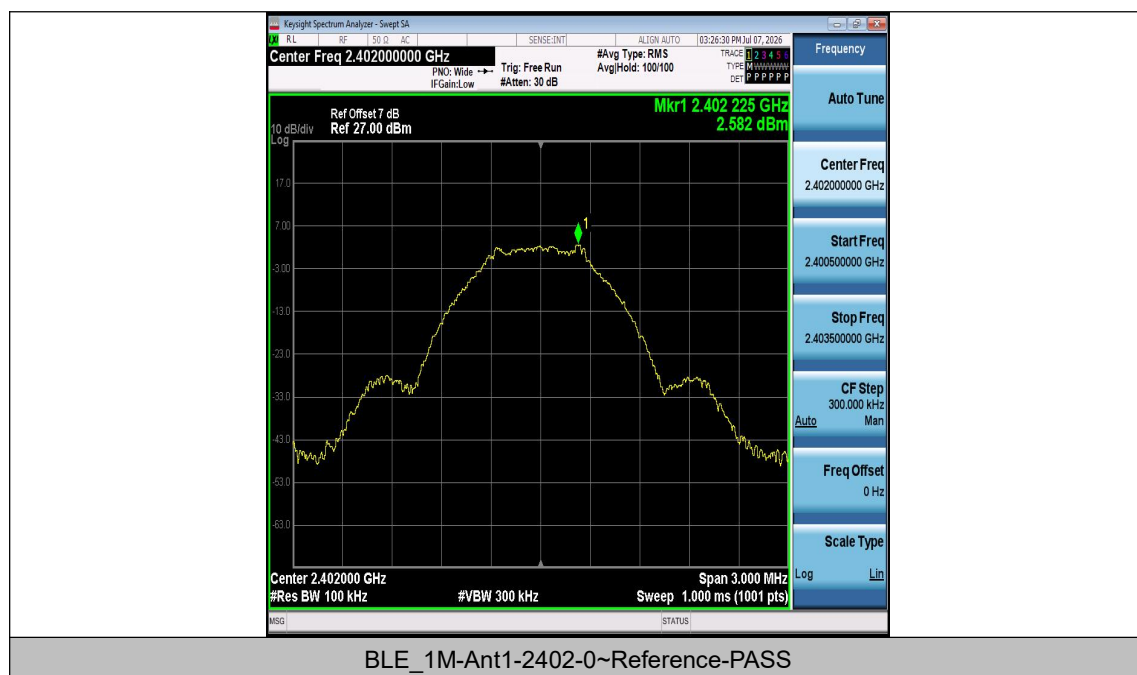
Appendix F: Conducted Spurious Emission

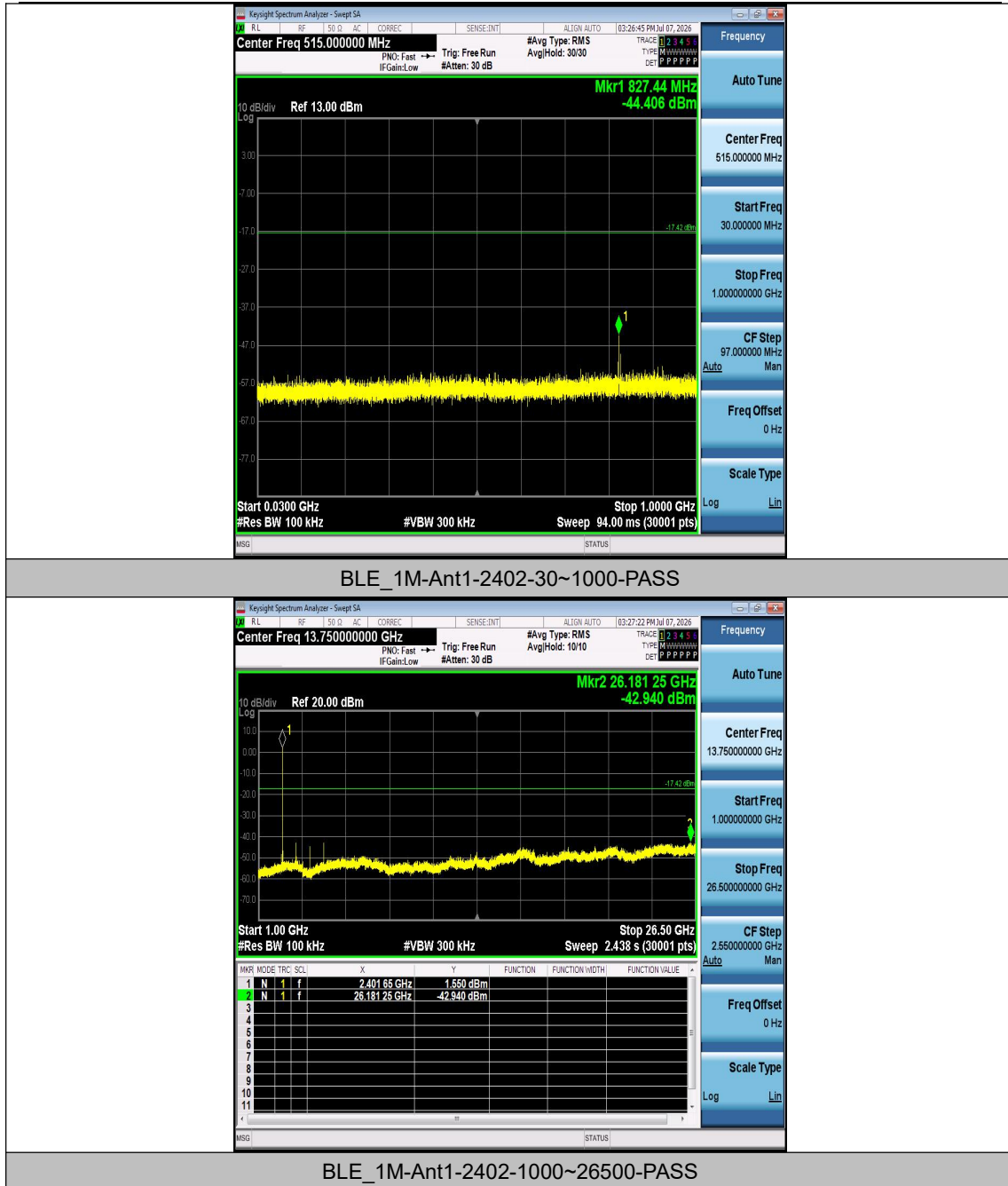
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.58	2.58	---	PASS
BLE_1M	Ant1	2402	30~1000	2.58	-44.41	≤-17.42	PASS
BLE_1M	Ant1	2402	1000~26500	2.58	-42.94	≤-17.42	PASS
BLE_1M	Ant1	2440	0~Reference	1.51	1.51	---	PASS
BLE_1M	Ant1	2440	30~1000	1.51	-52.75	≤-18.49	PASS
BLE_1M	Ant1	2440	1000~26500	1.51	-42.85	≤-18.49	PASS
BLE_1M	Ant1	2480	0~Reference	0.00	0.00	---	PASS
BLE_1M	Ant1	2480	30~1000	0.00	-52.57	≤-20	PASS
BLE_1M	Ant1	2480	1000~26500	0.00	-42.56	≤-20	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

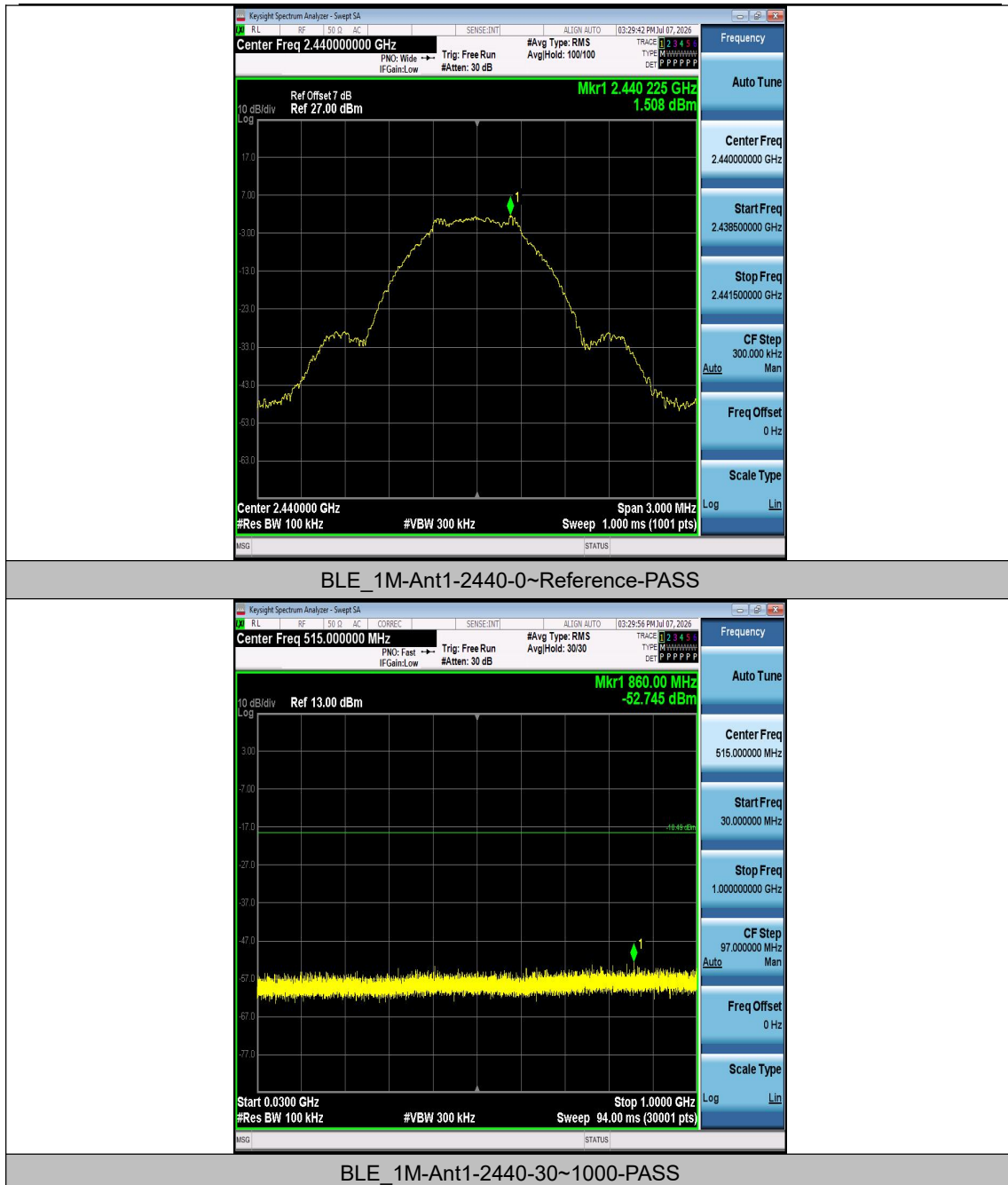




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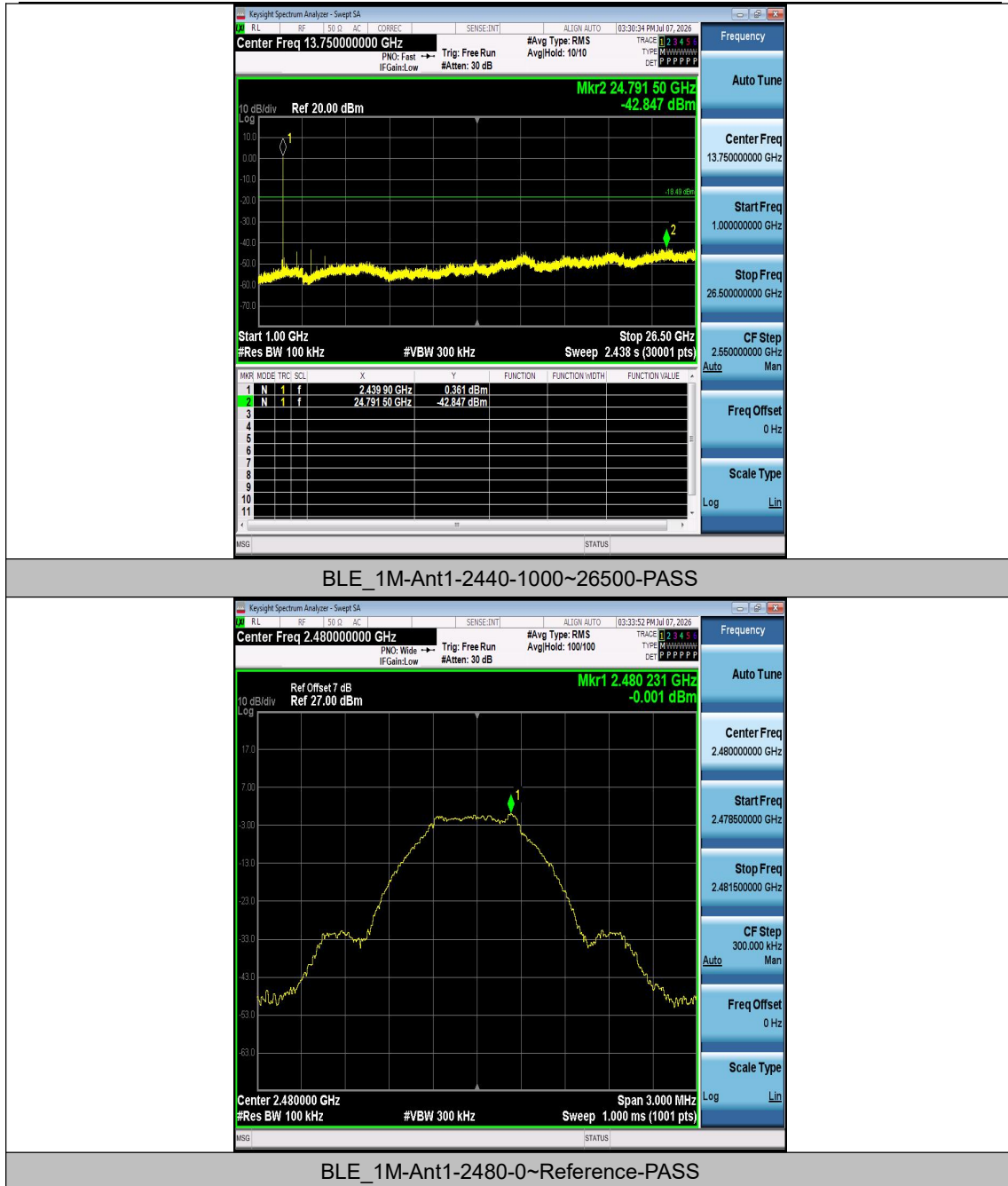
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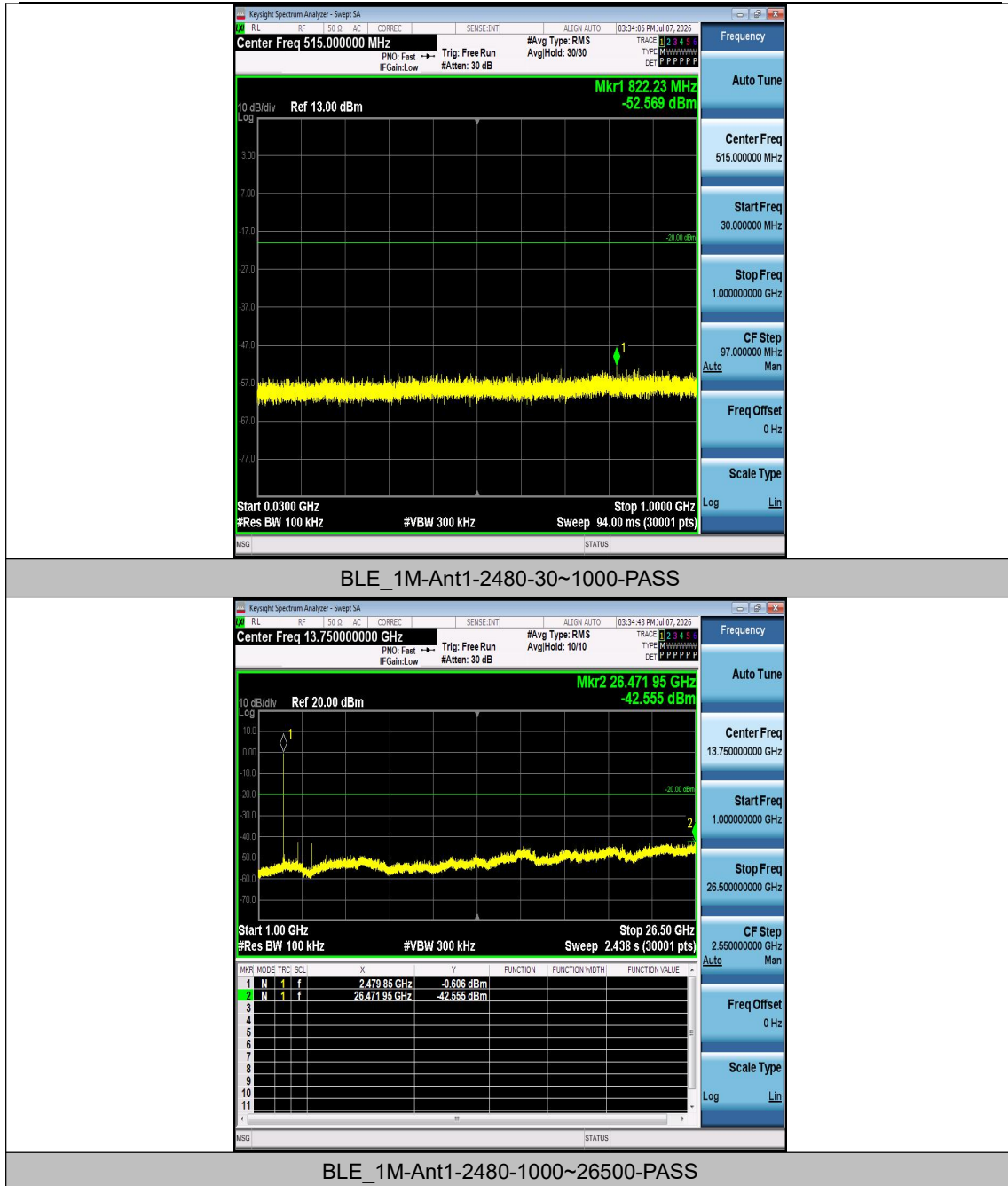
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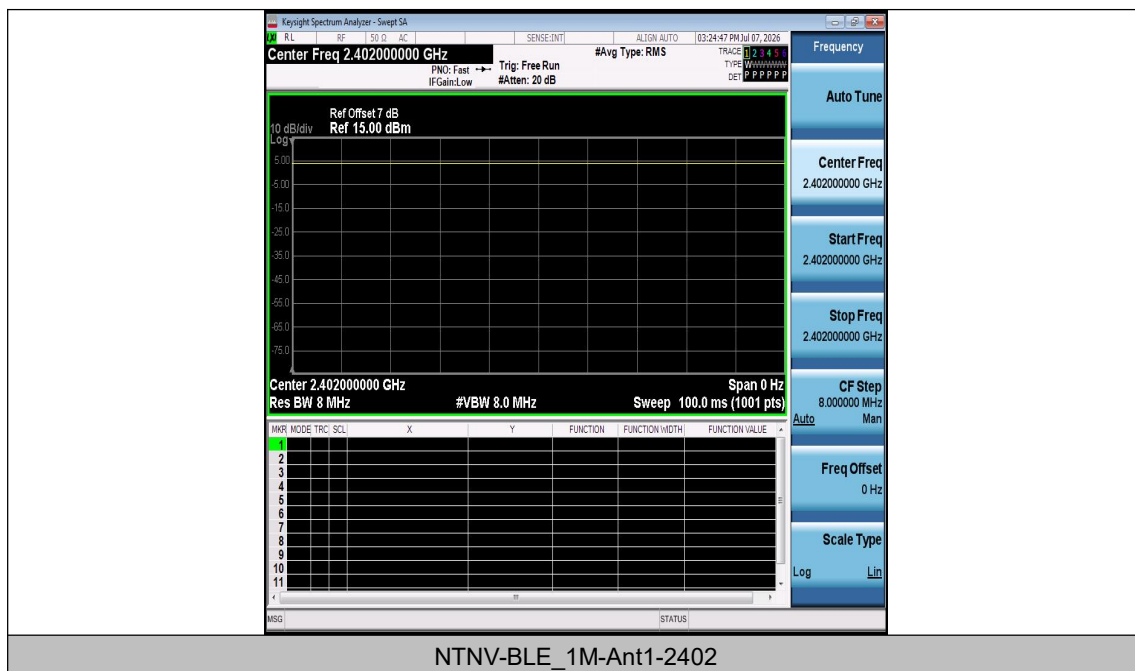
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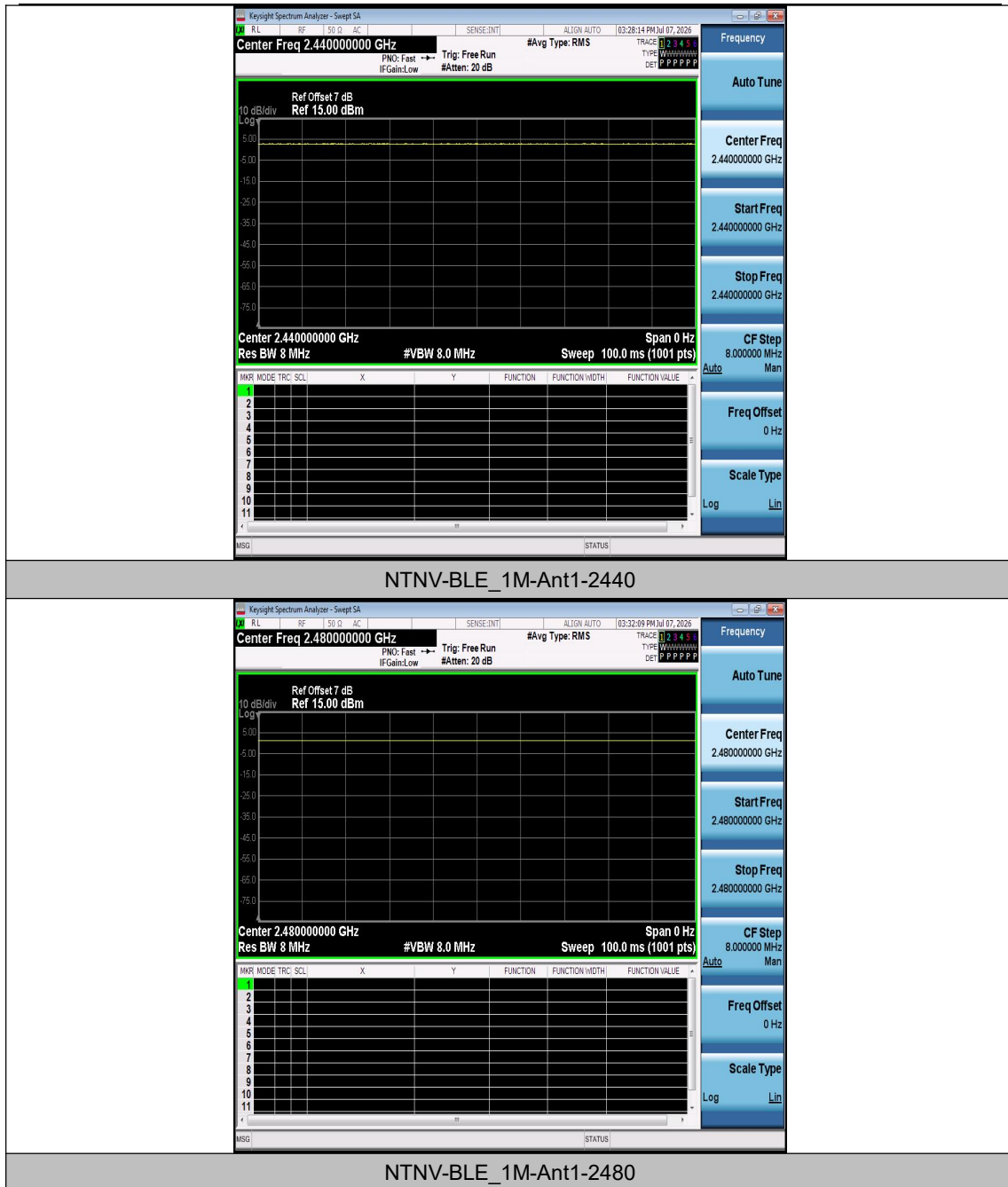
Appendix G: Duty Cycle

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

Test Graphs





---End---