

Appendix Test Data

Report No.:	1812C60102412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-7	Finish Test Date:	2026-2-9
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	21.9℃	Relative Humidity:	49%
Pressure:	101kPa		

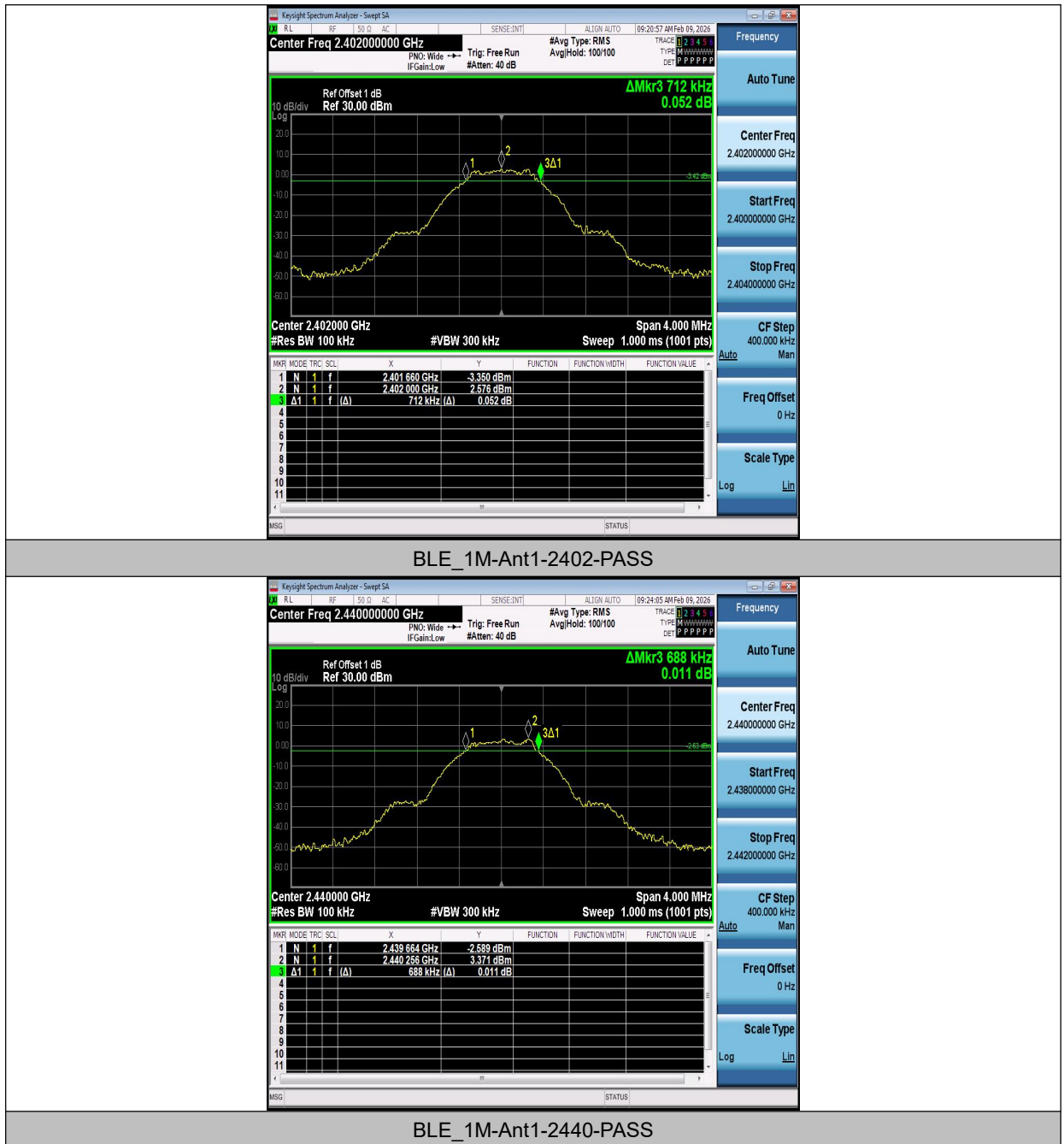


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.660	2402.372	0.5	PASS
BLE_1M	Ant1	2440	0.688	2439.664	2440.352	0.5	PASS
BLE_1M	Ant1	2480	0.704	2479.640	2480.344	0.5	PASS

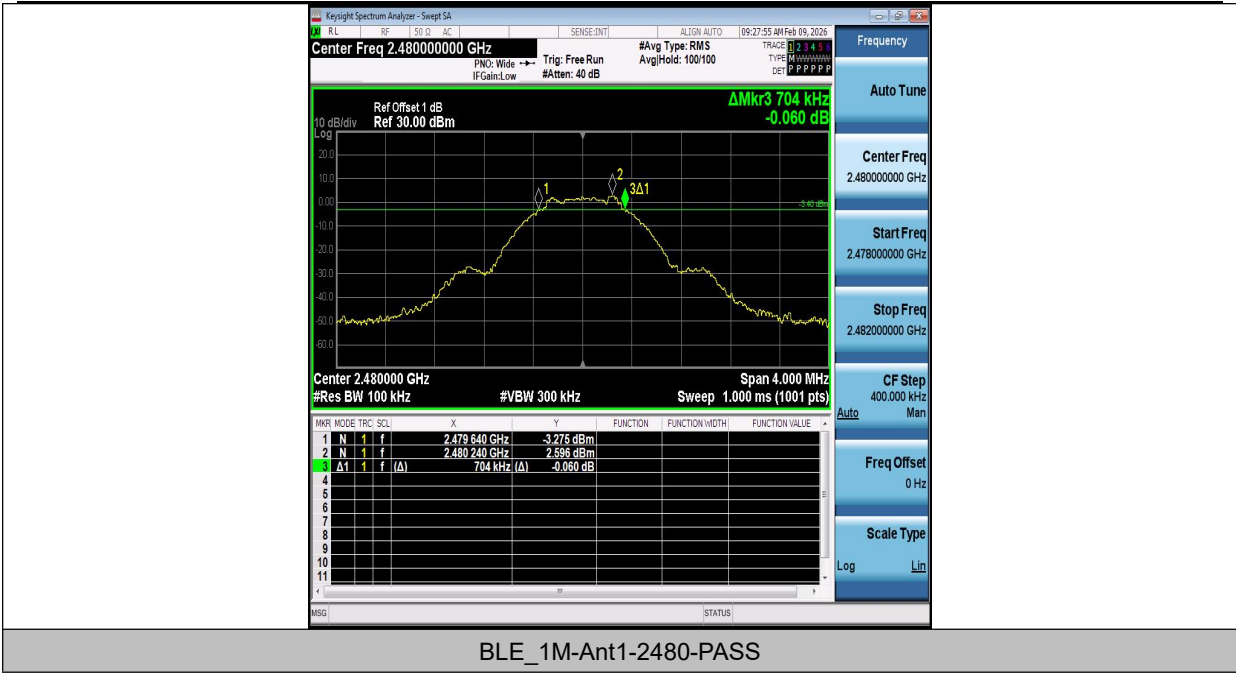
Test Graphs



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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	1.0504	2401.4827	2402.5331	---	---
BLE_1M	Ant1	2440	1.0436	2439.4828	2440.5264	---	---
BLE_1M	Ant1	2480	1.0285	2479.4873	2480.5158	---	---

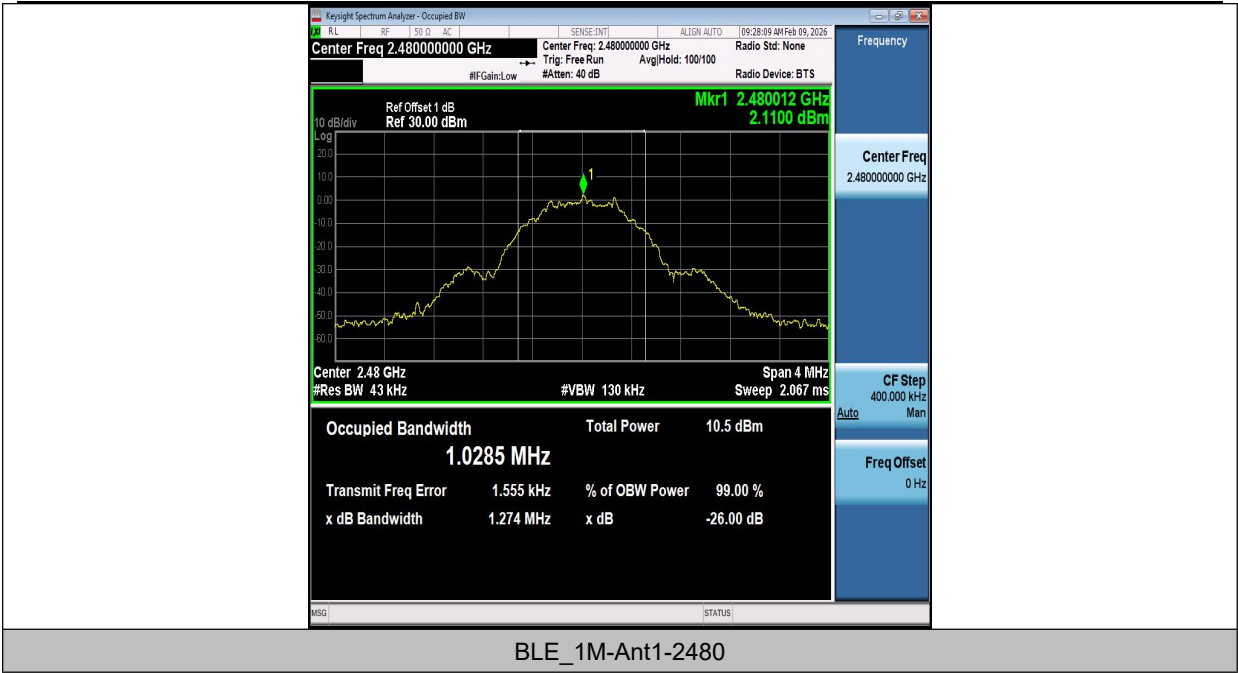
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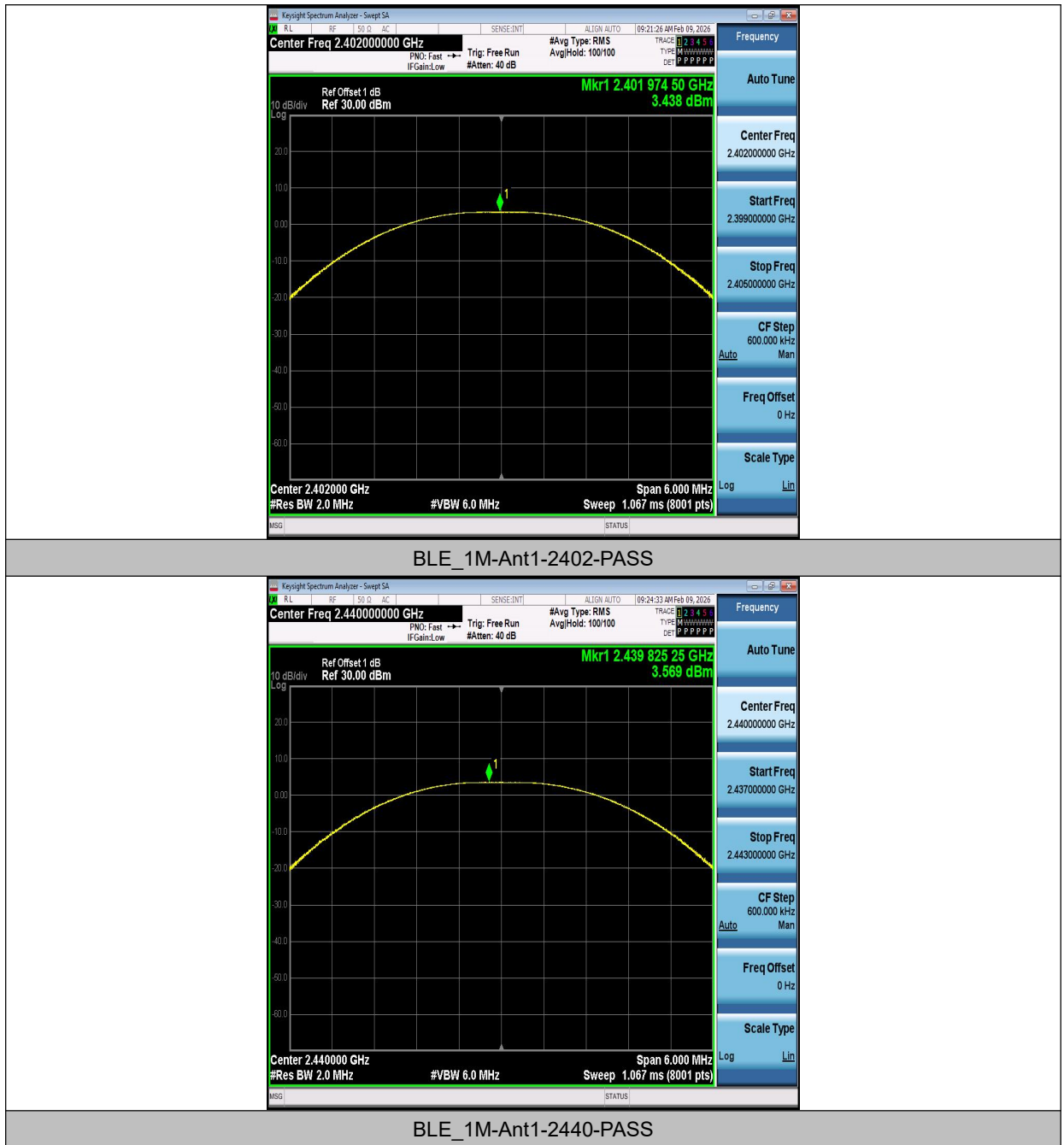
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.44	≤30	PASS
BLE_1M	Ant1	2440	3.57	≤30	PASS
BLE_1M	Ant1	2480	3.46	≤30	PASS

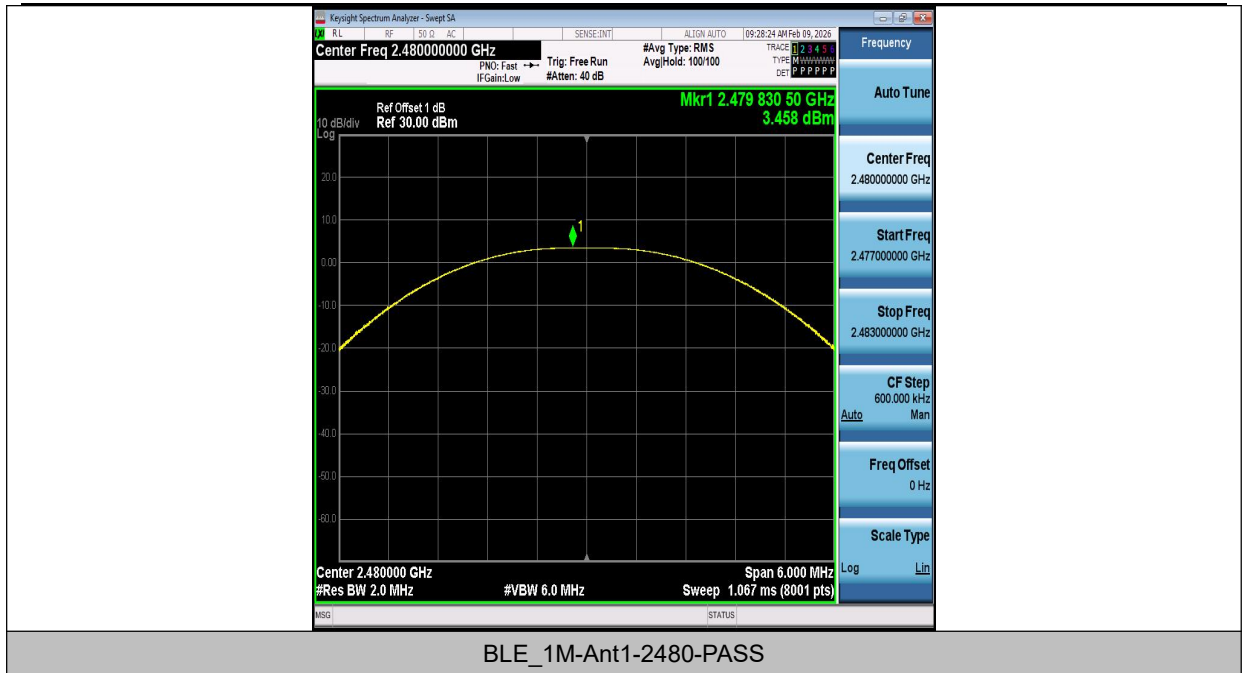
Test Graphs Peak



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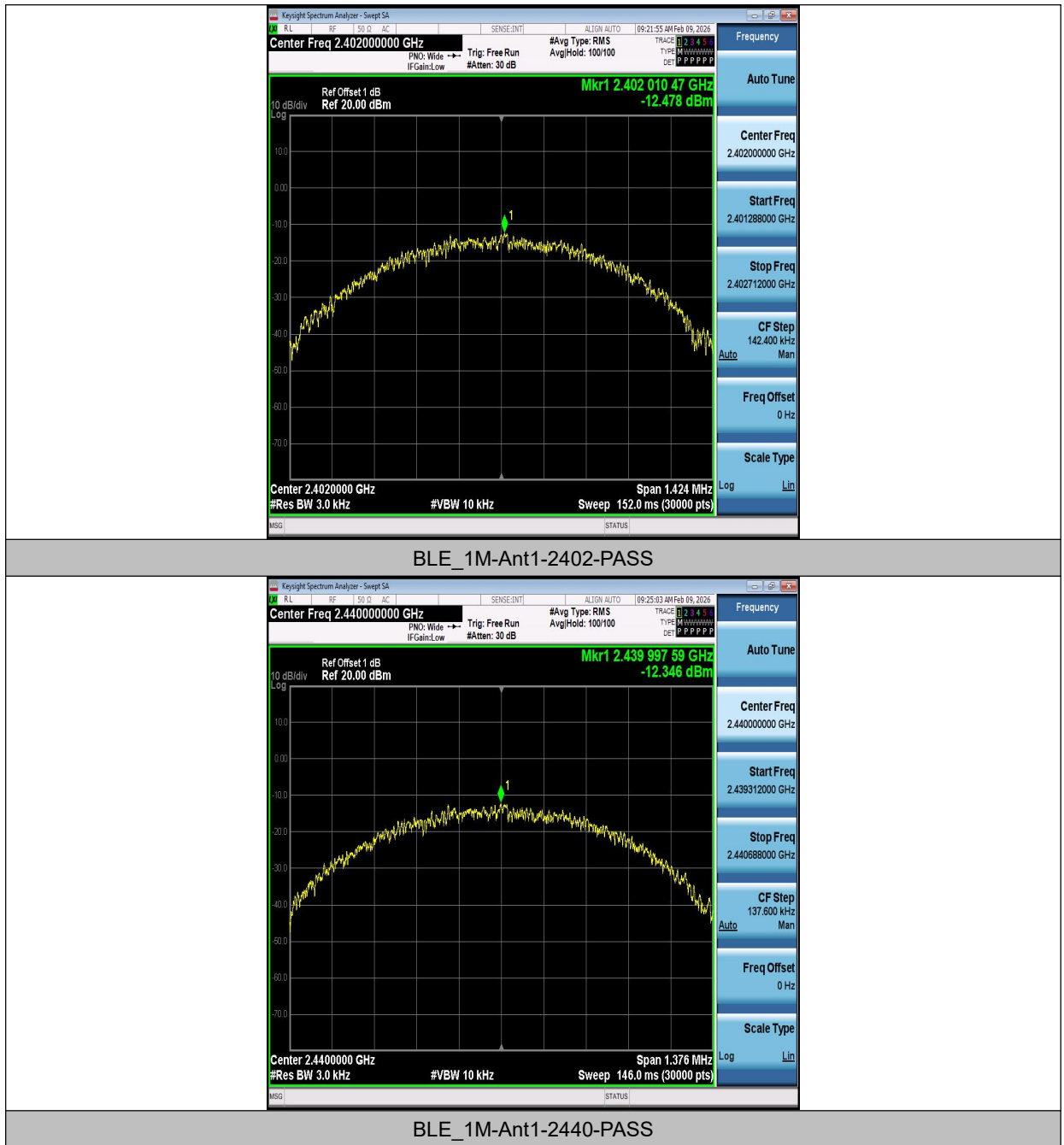
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.48	≤8.00	PASS
BLE_1M	Ant1	2440	-12.35	≤8.00	PASS
BLE_1M	Ant1	2480	-12.96	≤8.00	PASS

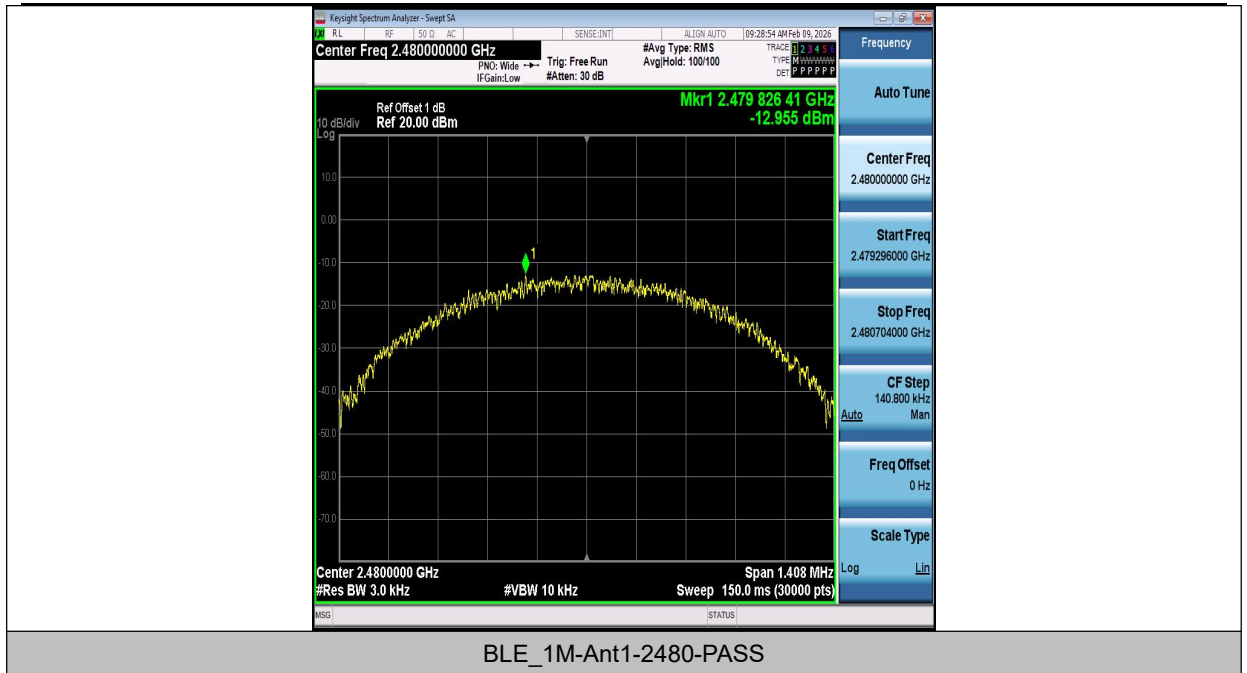
Test Graphs



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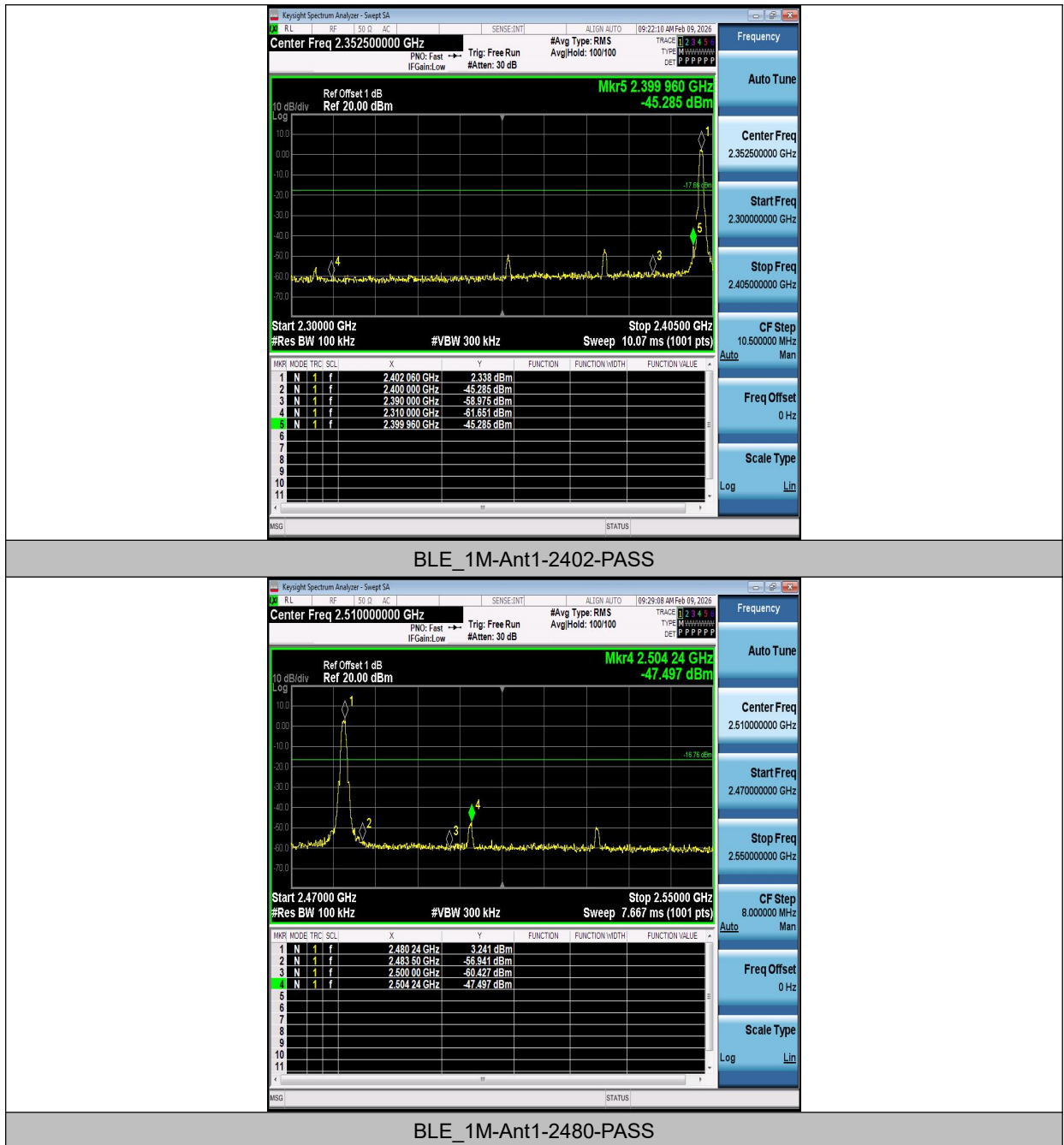
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.34	-45.29	≤-17.66	PASS
BLE_1M	Ant1	High	2480	3.24	-47.5	≤-16.76	PASS

Test Graphs



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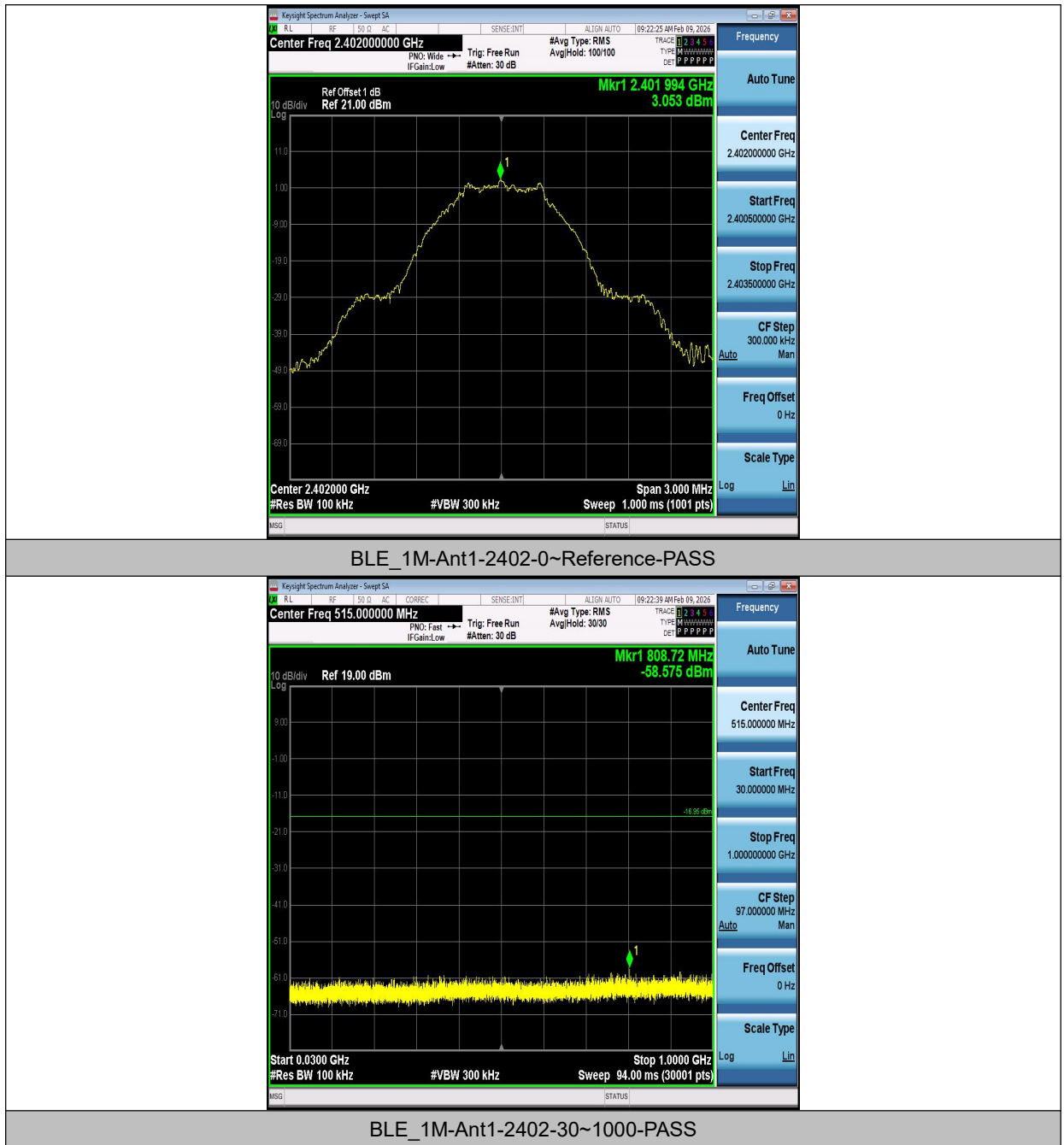
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.05	3.05	---	PASS
BLE_1M	Ant1	2402	30~1000	3.05	-58.58	≤-16.95	PASS
BLE_1M	Ant1	2402	1000~26500	3.05	-41.18	≤-16.95	PASS
BLE_1M	Ant1	2440	0~Reference	2.62	2.62	---	PASS
BLE_1M	Ant1	2440	30~1000	2.62	-58.04	≤-17.38	PASS
BLE_1M	Ant1	2440	1000~26500	2.62	-42.82	≤-17.38	PASS
BLE_1M	Ant1	2480	0~Reference	3.31	3.31	---	PASS
BLE_1M	Ant1	2480	30~1000	3.31	-59.15	≤-16.69	PASS
BLE_1M	Ant1	2480	1000~26500	3.31	-45.34	≤-16.69	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.

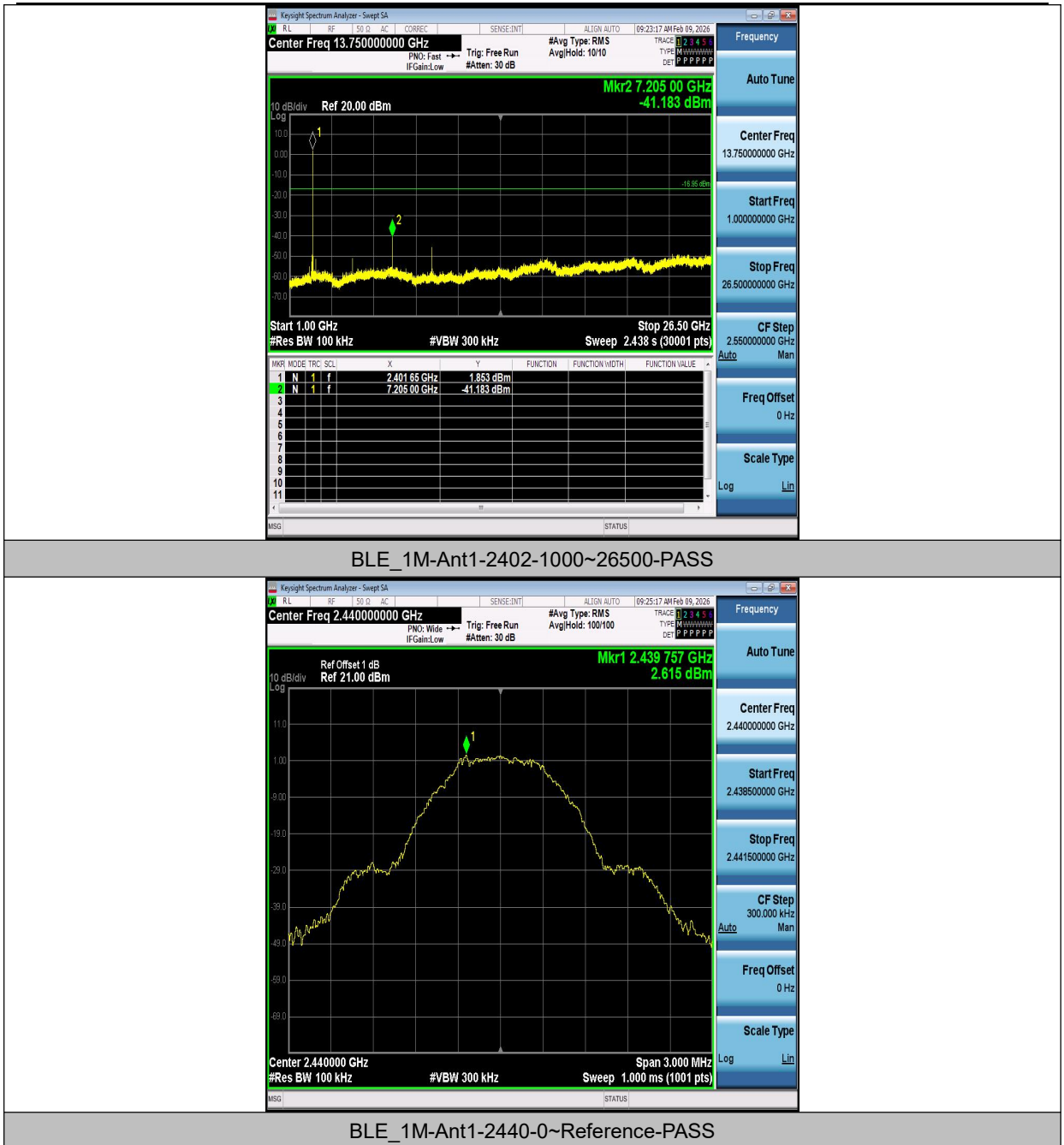
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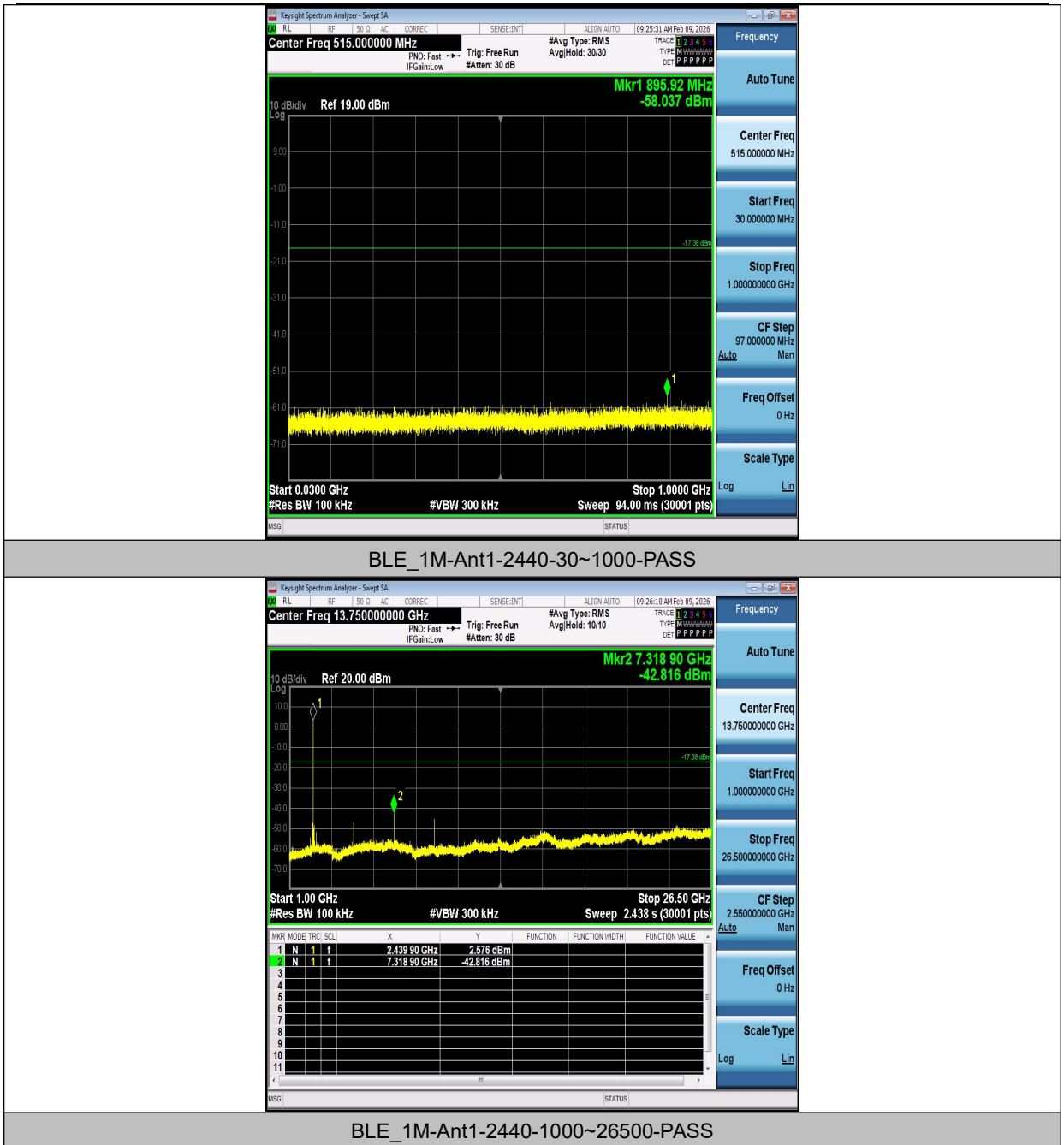
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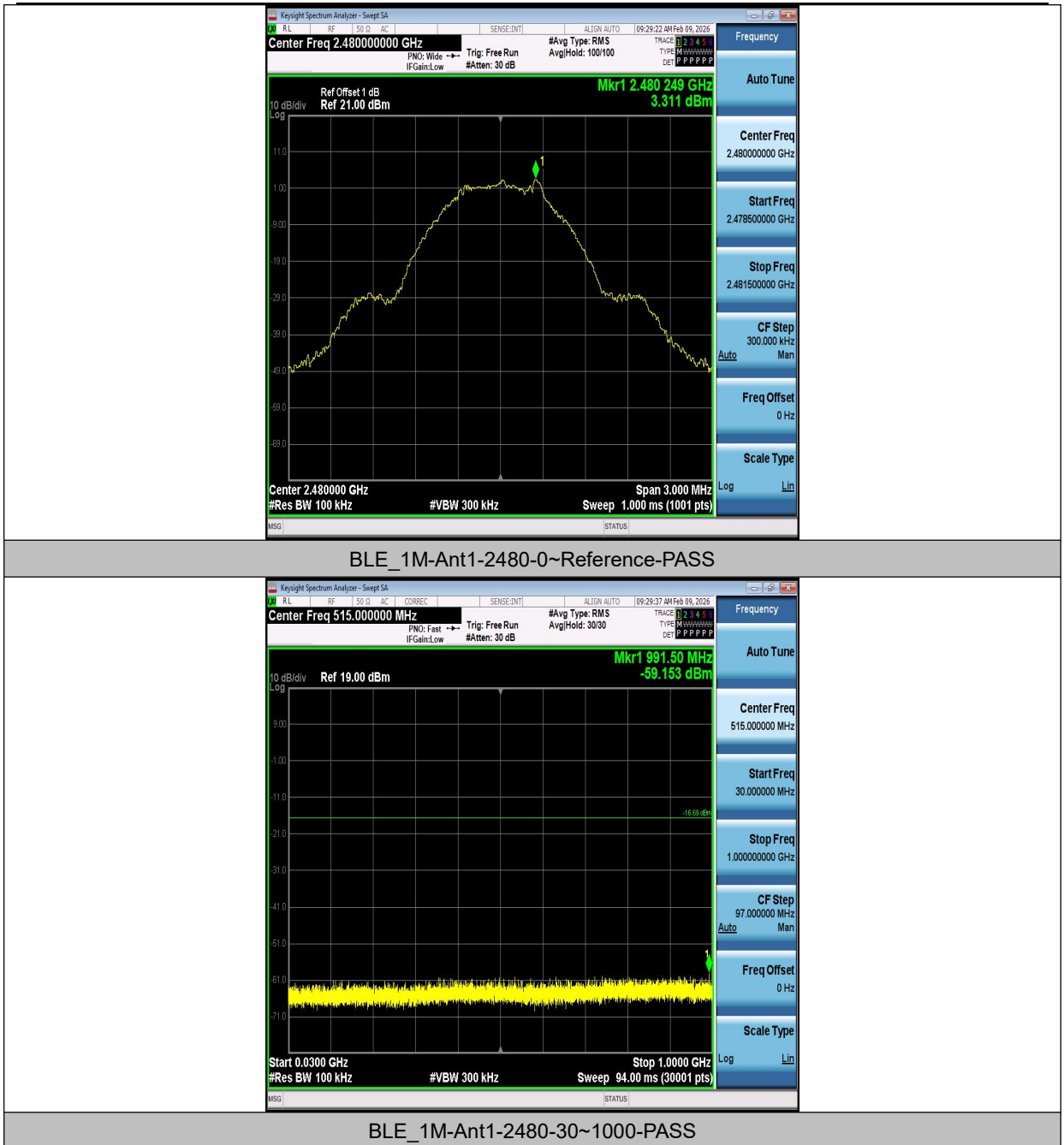
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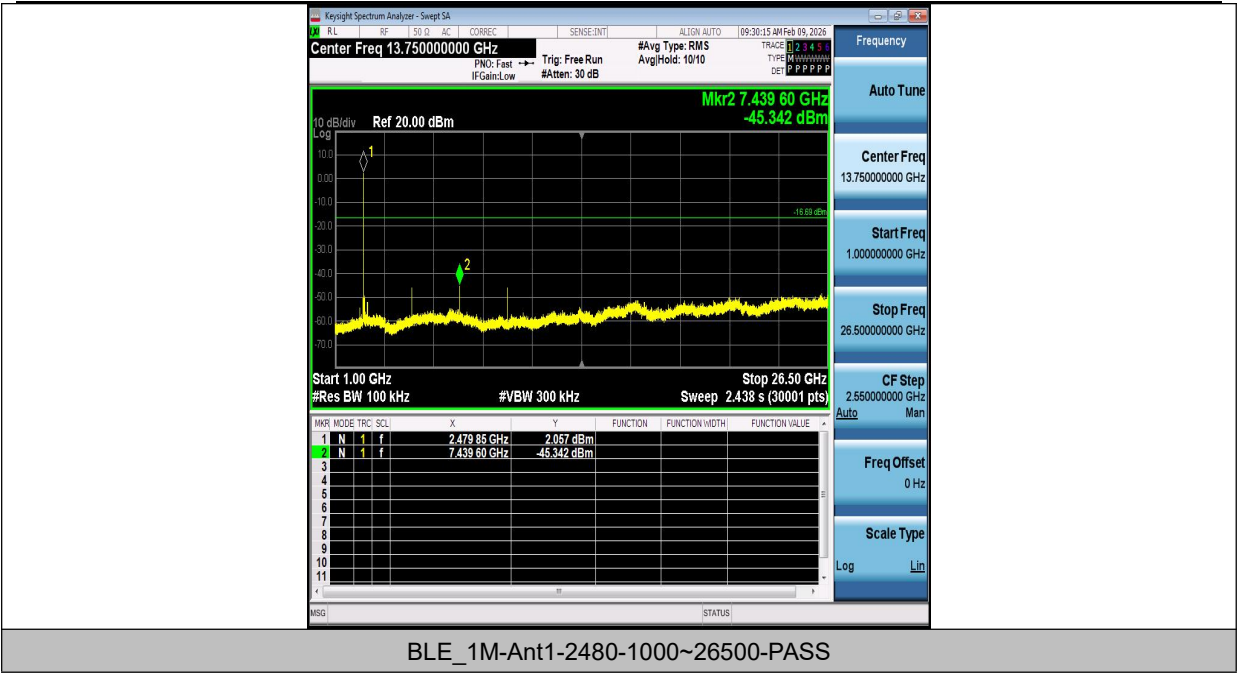
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Appendix G: Duty Cycle

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	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.14	2.51	85.26	0.69

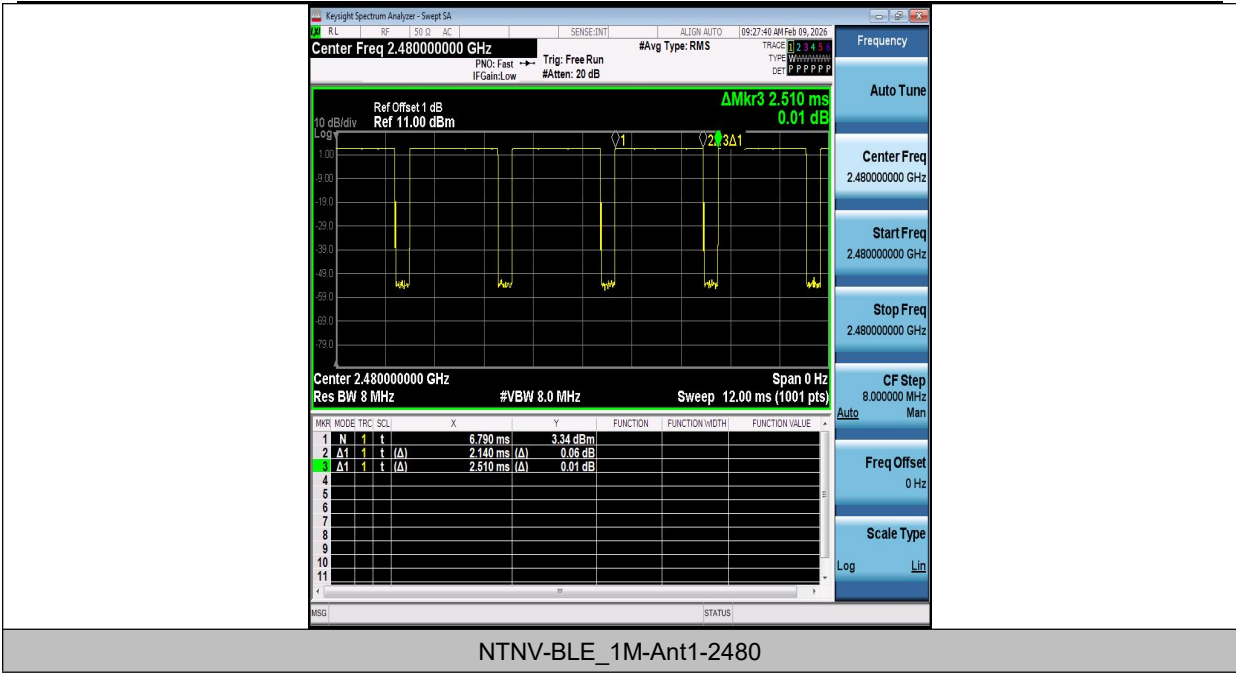
Test Graphs



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NTNV-BLE_1M-Ant1-2480

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