

Test Report 2024-116

Version A

Issued 6 Sept 2024

Project: GCL-0580

Model Identifier: A05000

Test Setup Photographs

Primary Test Standard(s):

See the report(s) referenced on page 2 for the relevant standards

Garmin Compliance Lab

Garmin International

1200 E 151st Street

Olathe Kansas 66062 USA

Client-supplied Information

FCC ID: IPH-05000
IC ID: 1792A-05000



See section 6 of this report regarding the presence or absence of accreditation logos or marks on this cover page.

1. Summary

This document contains photographs and other sensitive materials removed from GCL Test Report 2024-106, GCL Test Report 2024-108, GCL Test Report 2024-110, and GCL Test Report 2024-111 based on confidentiality. This report is treated as part of those reports via reference. Information about the test samples, procedures, and results are to be found in those reports.

Report Organization

For convenience of the reader, this report is organized as follows:

1. Summary
2. Test Background
3. Report History and Approval
4. Test Setup Photographs
5. Other Removed Material if any
6. Test Standards Applied
7. Concluding Notes

2. Test Background

2.1 The Test Lab

The testing reported here was performed at the Garmin Compliance Lab, an organization within Garmin International, located at 1200 E 151st St, Olathe Kansas, USA. The contact telephone number is +1.913.397.8200.

2.2 The Client

The testing was performed on behalf of the Garmin design group, a separate organization located at 1200 E 151st St, Olathe Kansas, USA. Witnesses from the business group included: None.

3. Report History and Approval

This report was written by Andy Heier and initially issued on 6 Sept 2024 as Version A.

Report Technical Review:

David Arnett
Technical Lead EMC Engineer



Report Approval:

Shruti Kohli
Manager Test and Measurement (EMC, Reliability and Calibration)



4. Test Setup Photographs

The photographs on the subsequent pages are drawn first from GCL Test Report 2024-106, followed by images from GCL Test Report 2024-108, GCL Test Report 2024-110, and GCL Test Report 2024-111.

The following material would have appeared on pages 13, 16, and 19 of GCL Test Report 2024-106

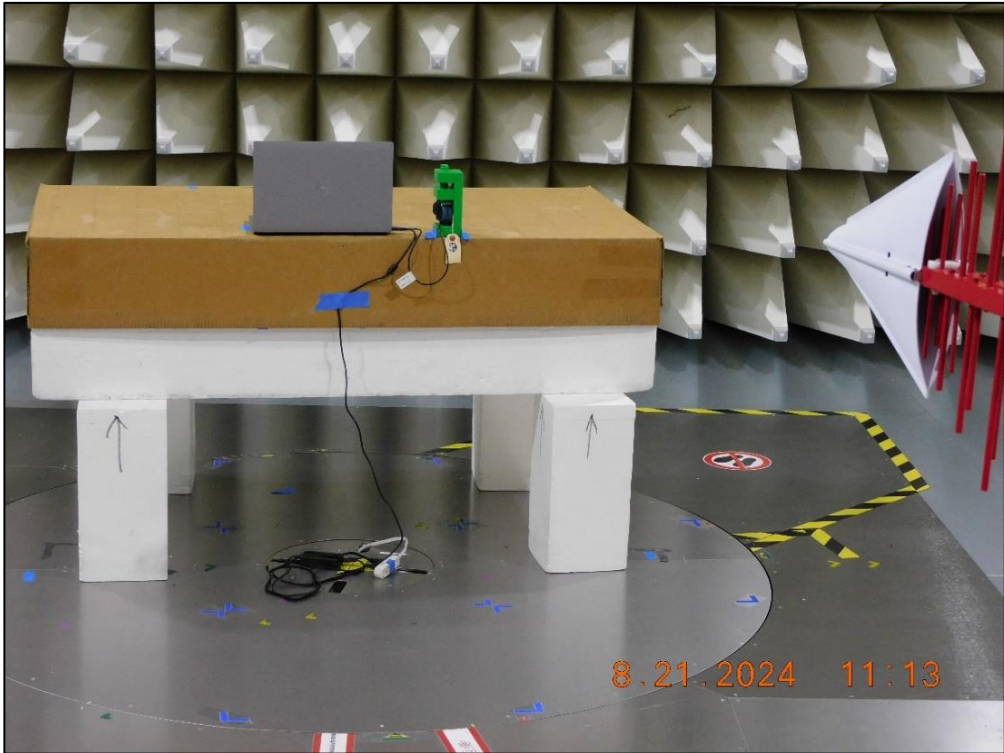


Figure RE09.2: EUT test setup, first view

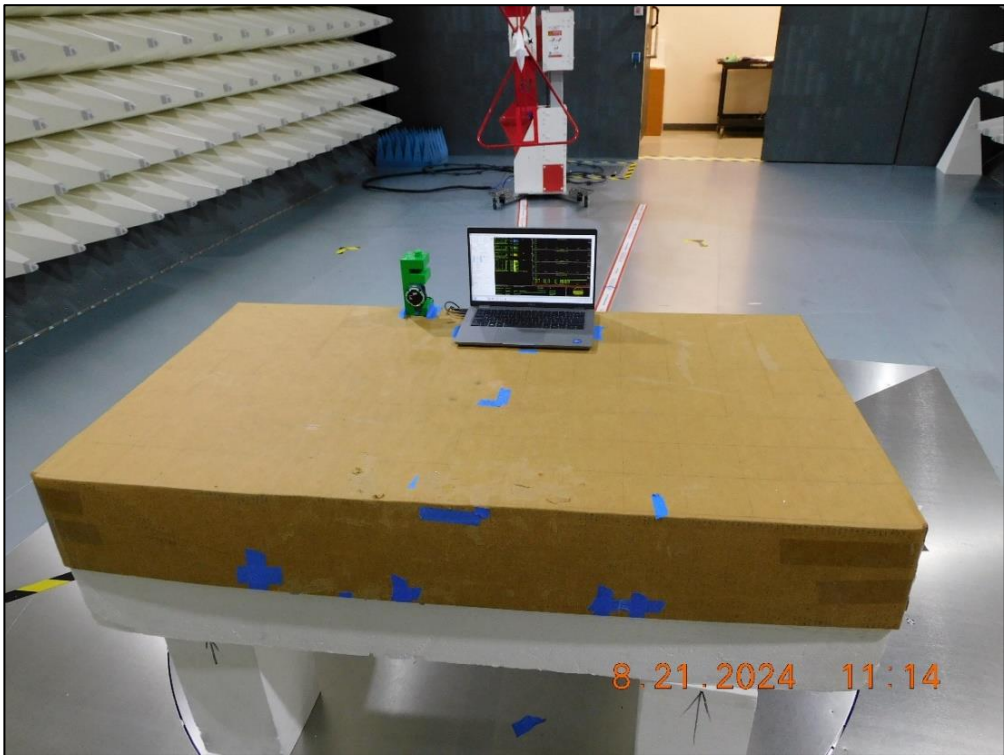


Figure RE09.3: EUT test setup, second view



Figure RE10.2: EUT test setup, first view

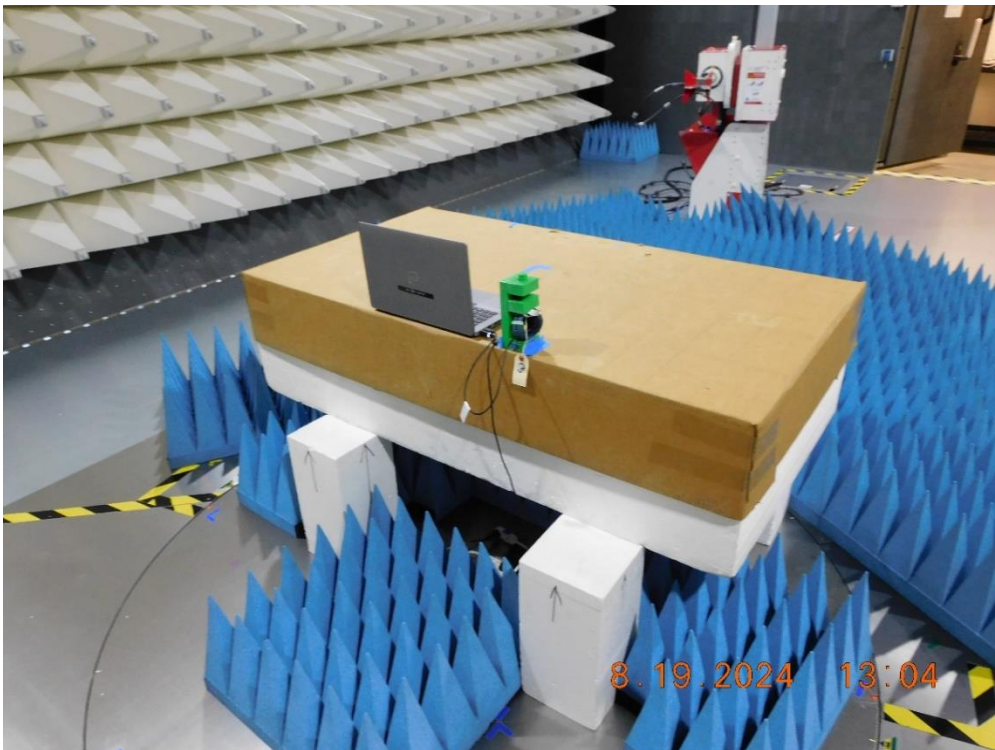


Figure RE10.3: EUT test setup, second view

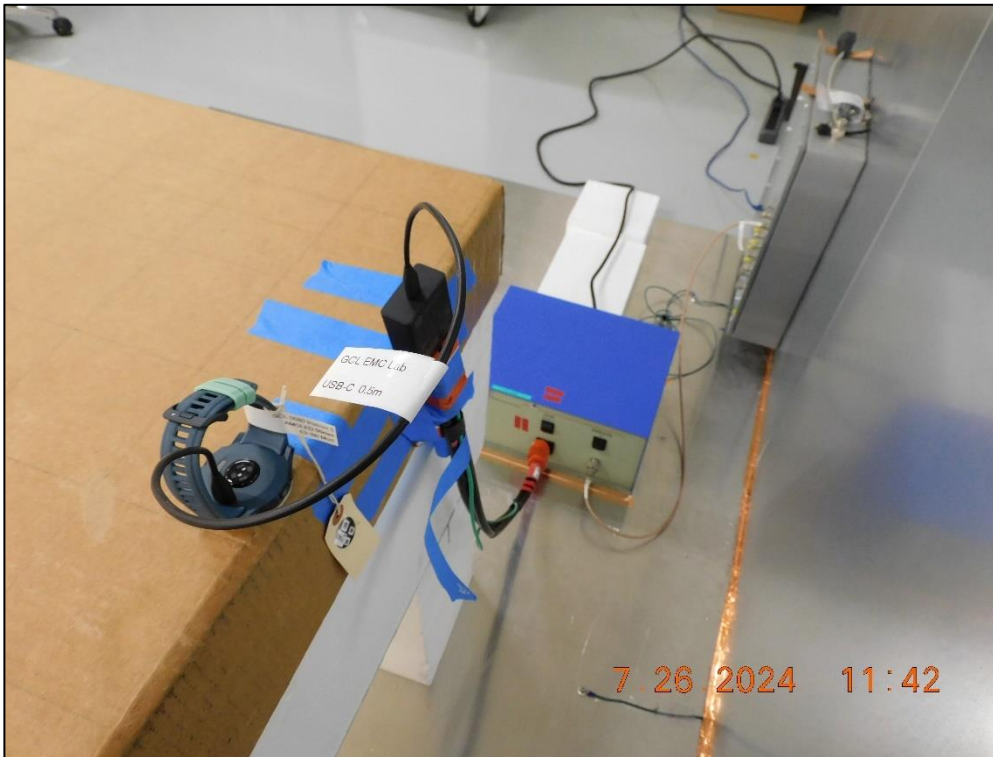


Figure CE05.2: Test setup, first view

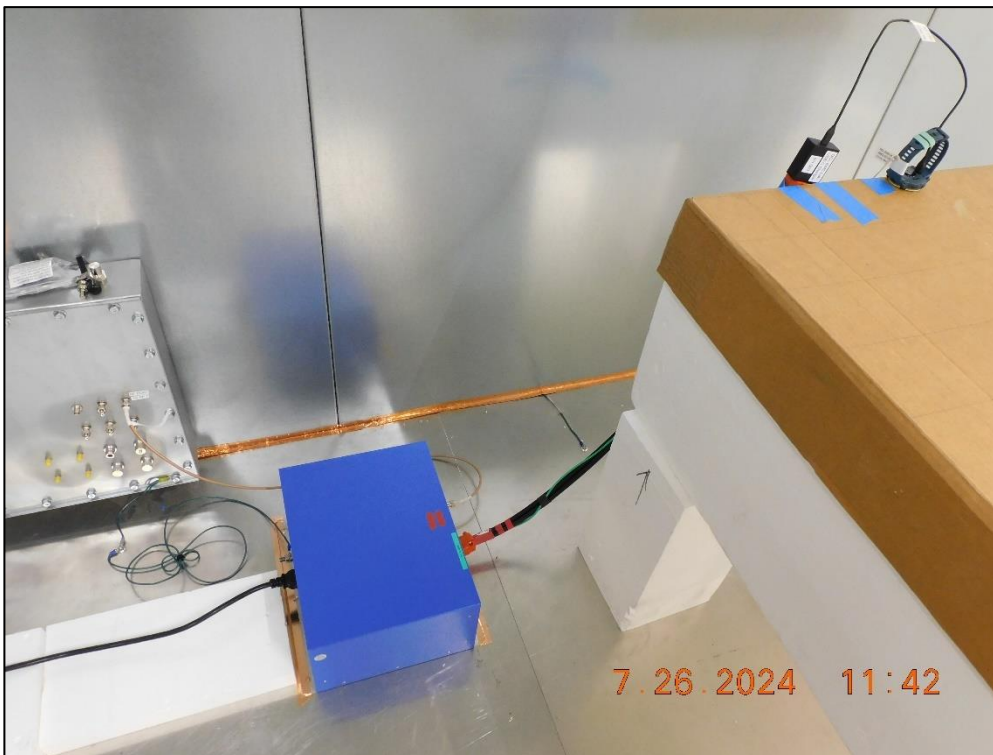


Figure CE05.3: Test setup, second view

The following material would have appeared on pages 13, 14, 15, 18, 19, 20, 23, and 26 of GCL Test Report 2024-108

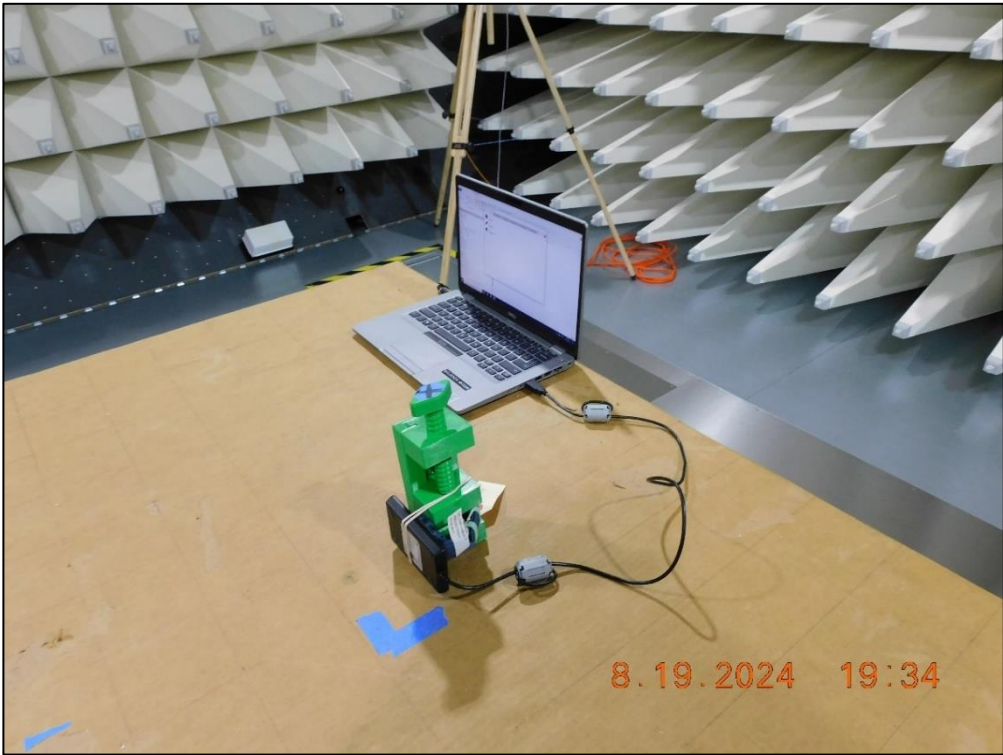


Figure RE18.2: EUT test setup, device orientation (EUT X orientation)

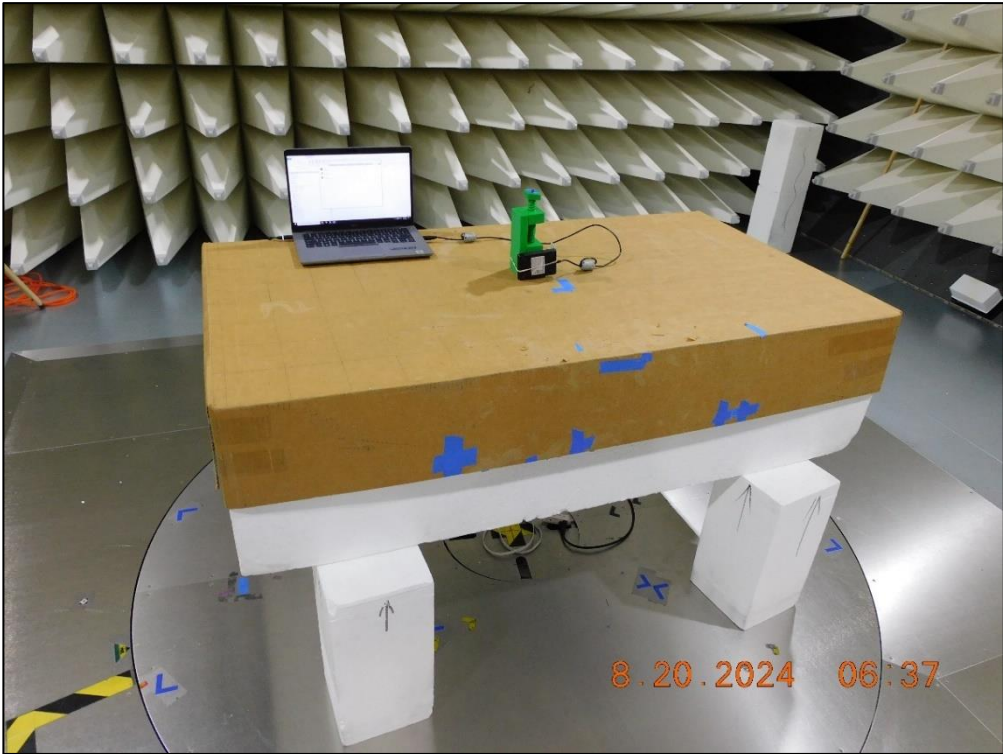


Figure RE18.3: EUT test setup, first view (Antenna X orientation)

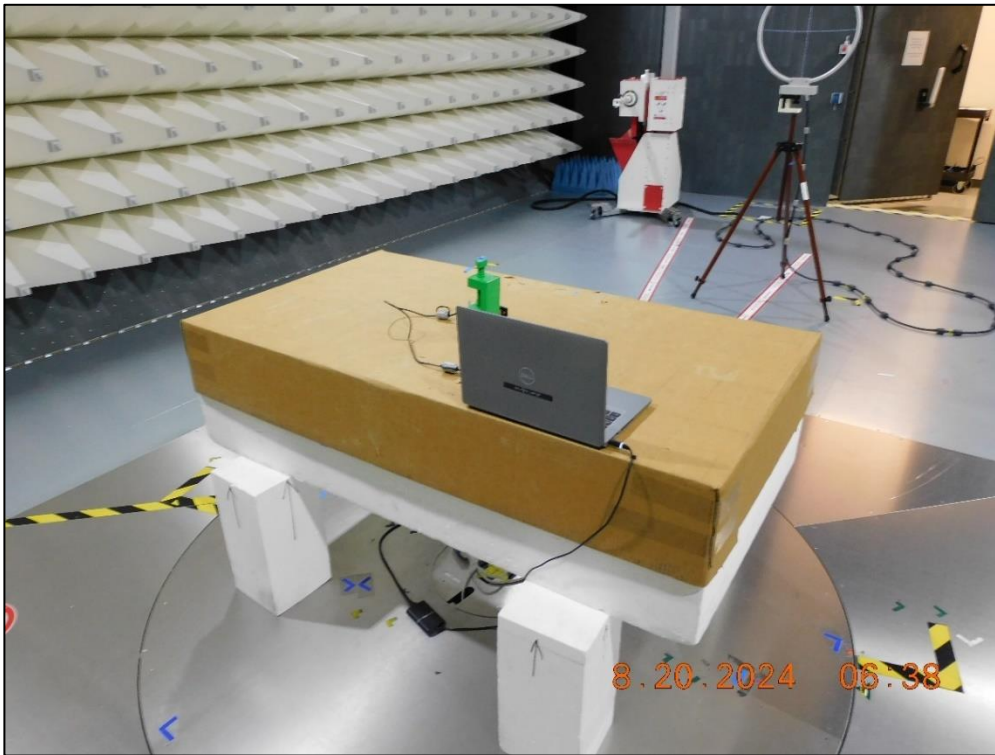


Figure RE18.4: EUT test setup, second view (Antenna X orientation)

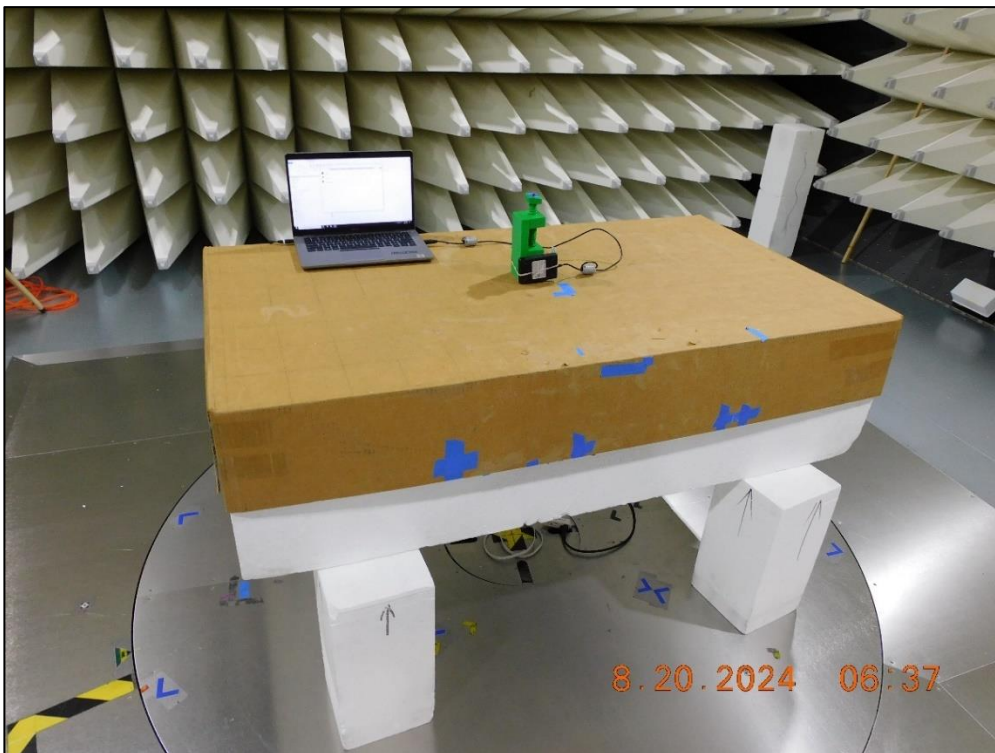


Figure RE18.5: EUT test setup, first view (Antenna Y orientation)

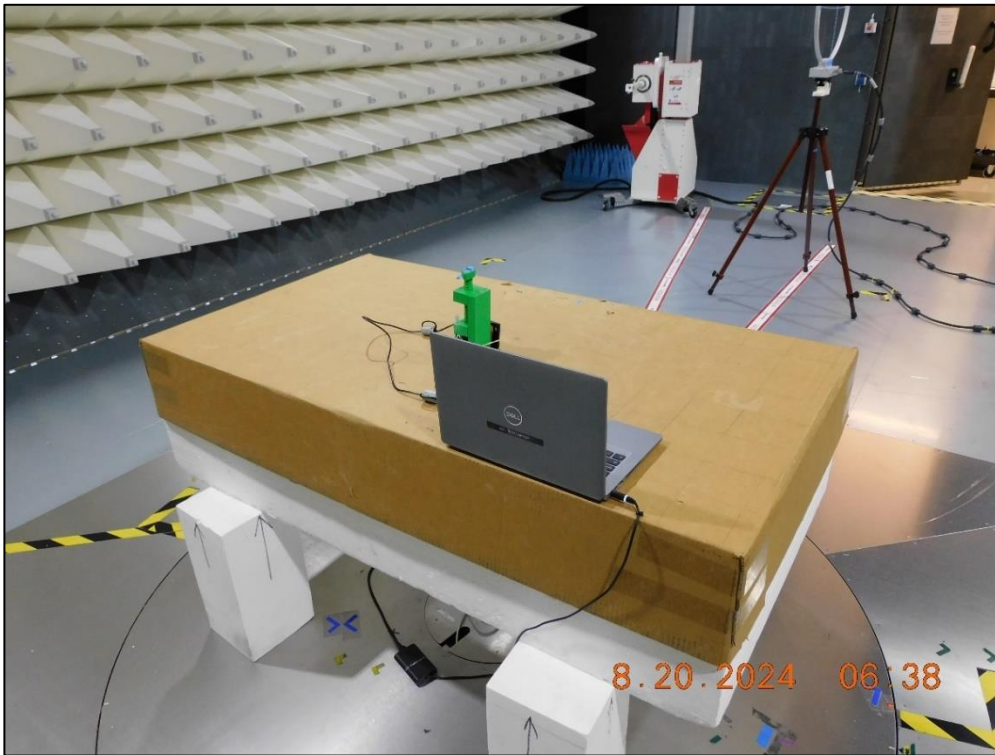


Figure RE18.6: EUT test setup, second view (Antenna Y orientation)

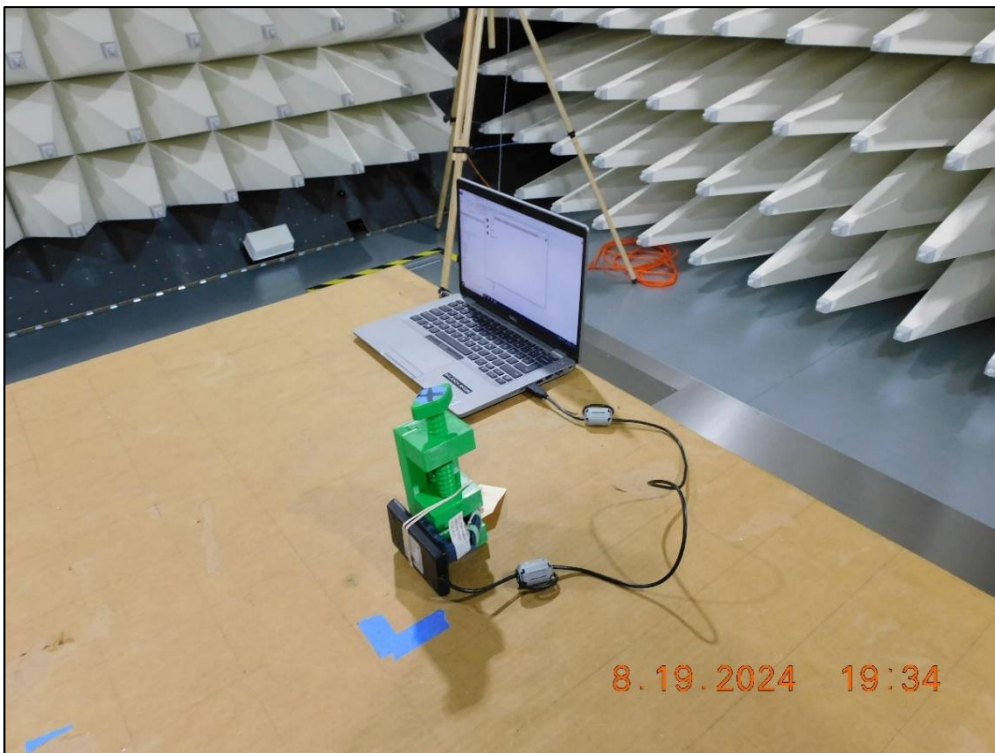


Figure RE19.2: EUT test setup, device orientation (EUT X orientation)

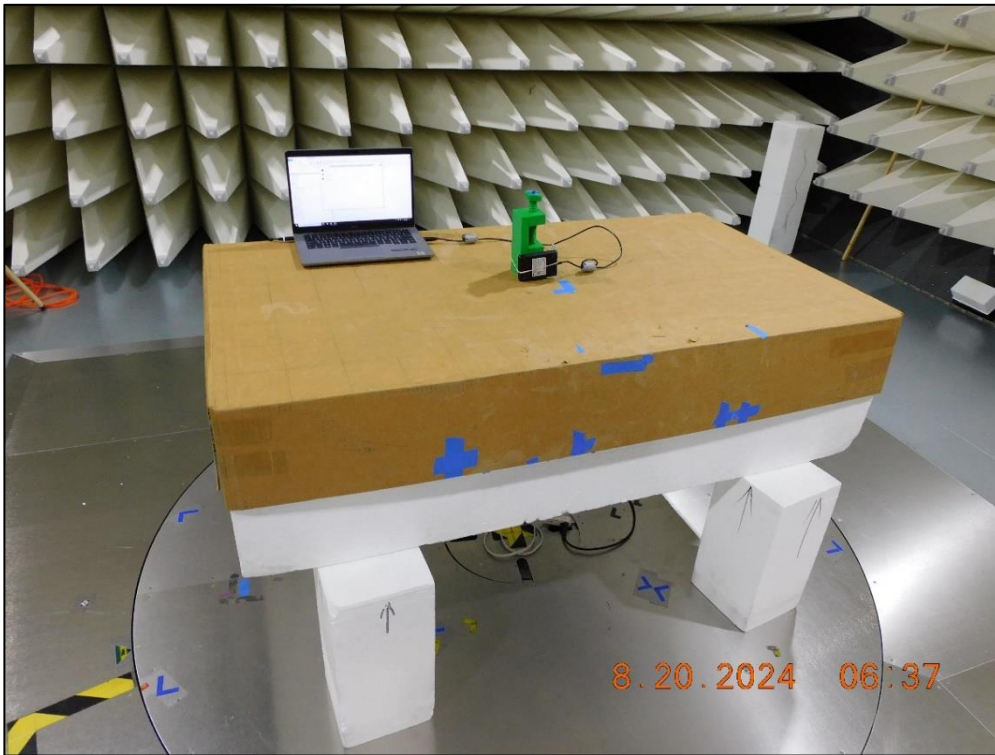


Figure RE19.3: EUT test setup, first view (Antenna X orientation)

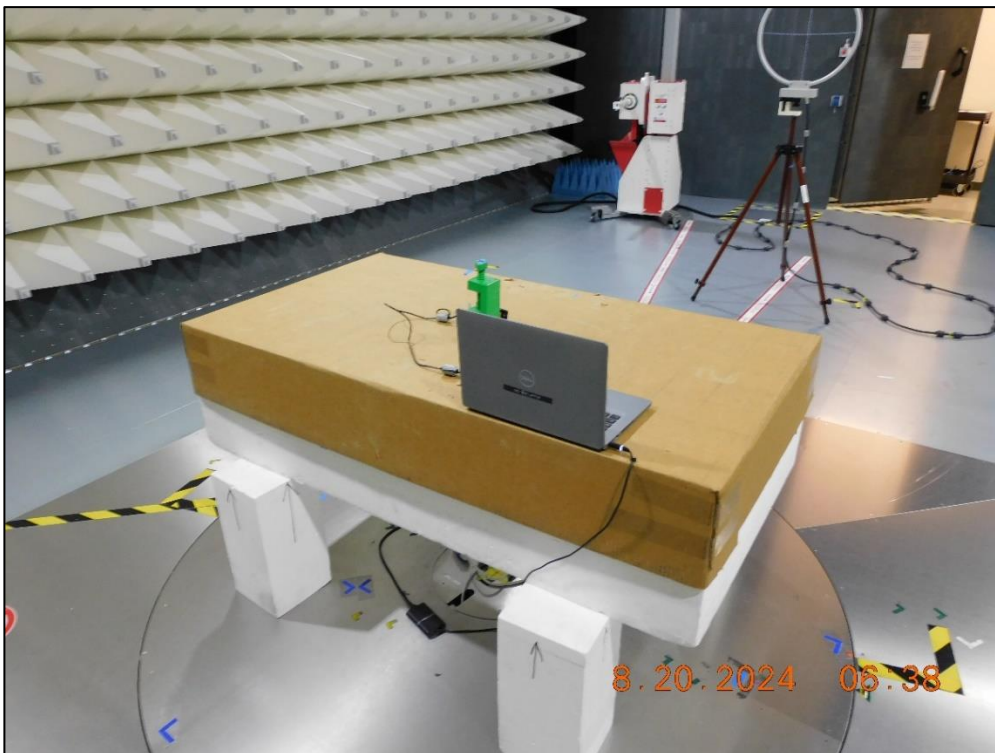


Figure RE19.4: EUT test setup, second view (Antenna X orientation)

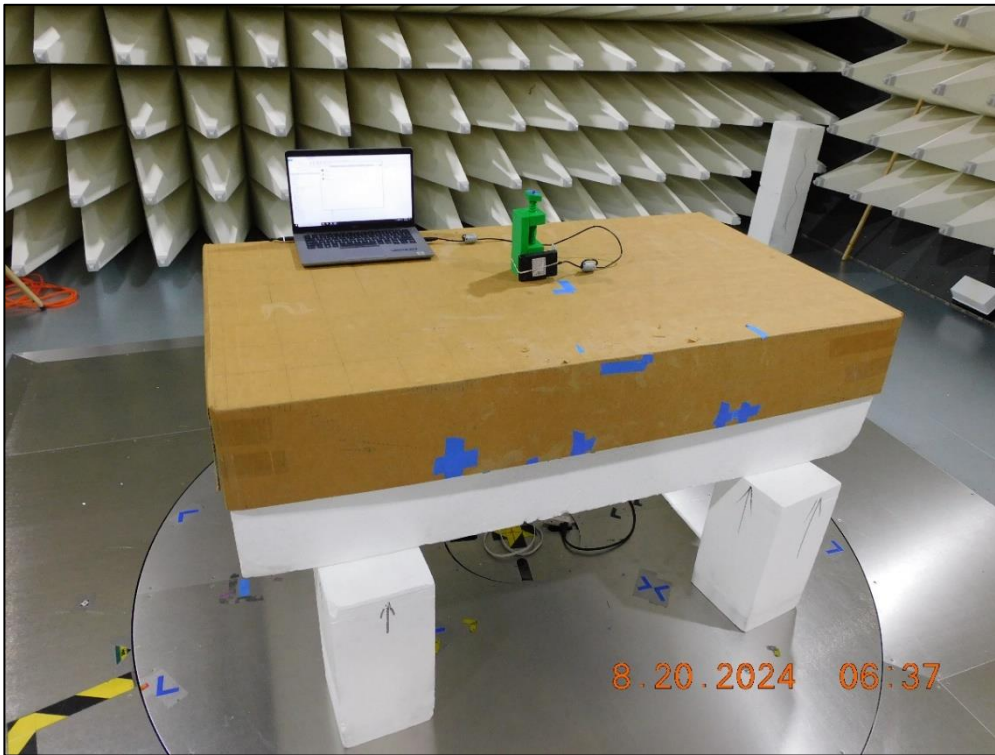


Figure RE19.5: EUT test setup, first view (Antenna Y orientation)

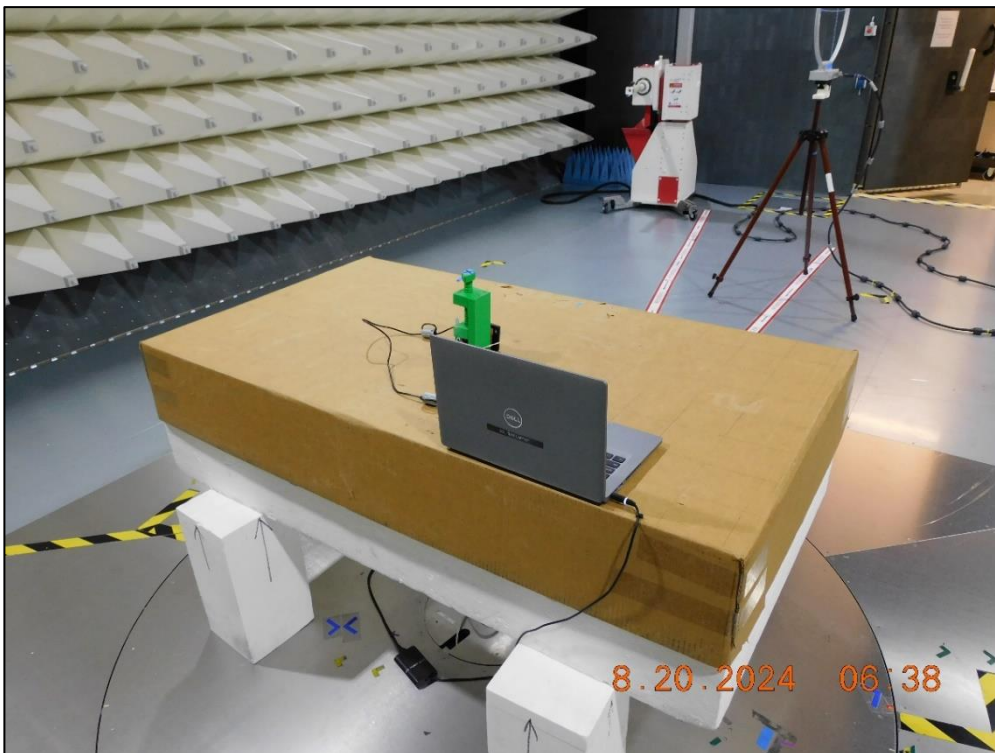


Figure RE19.6: EUT test setup, second view (Antenna Y orientation)

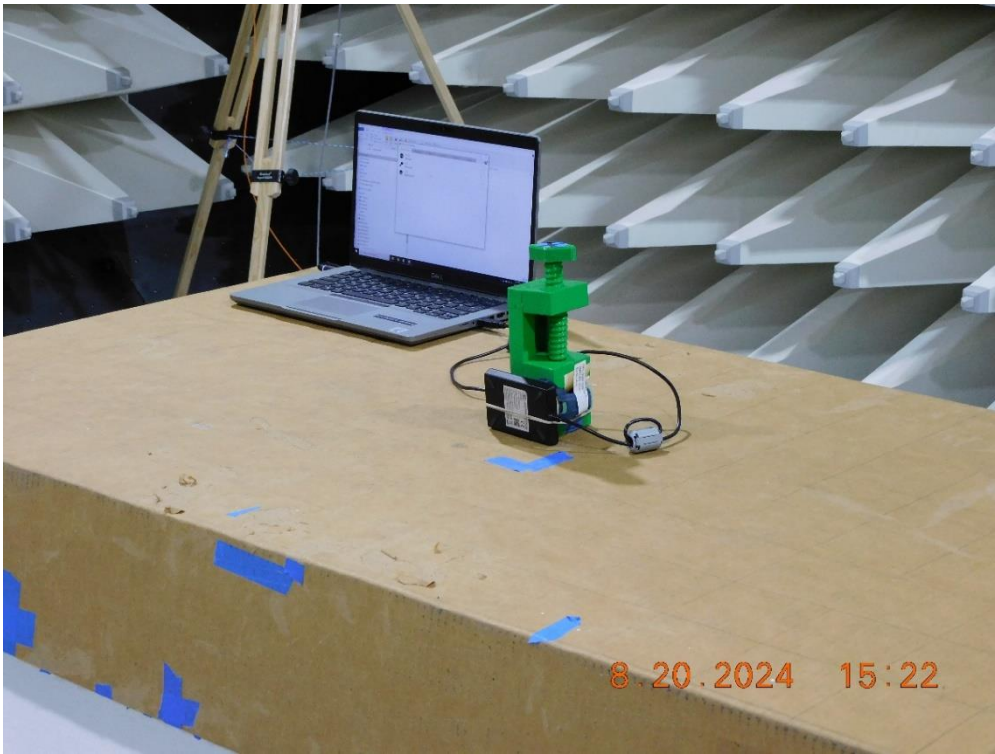


Figure RE20.2: EUT test setup, first view (X orientation, Type A NFC)

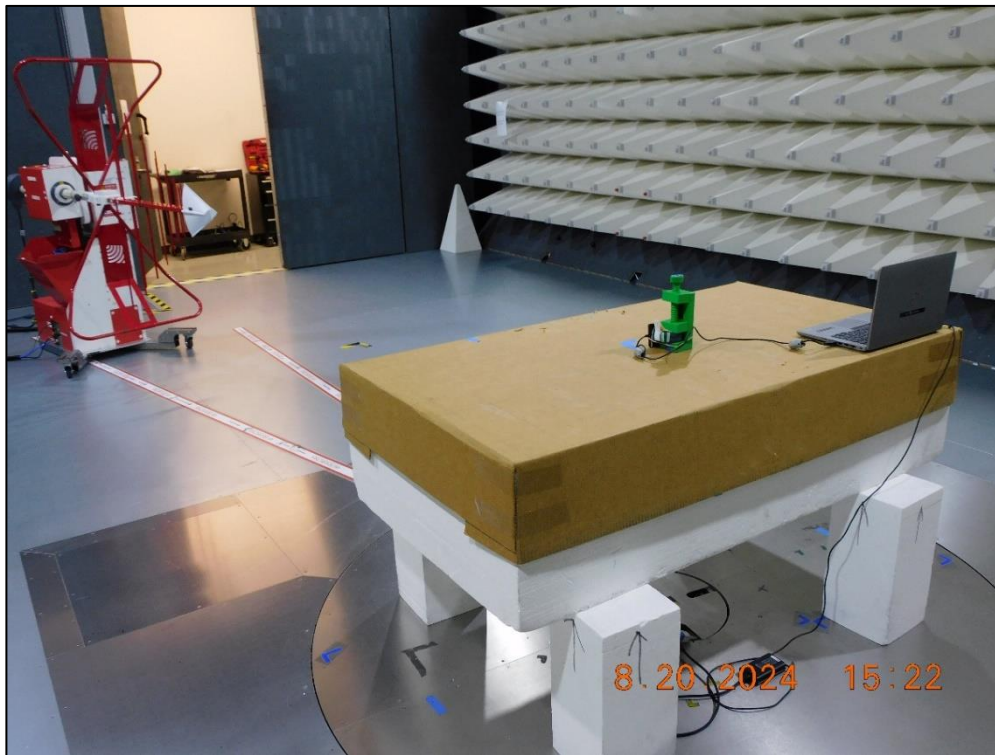


Figure RE20.3: EUT test setup, second view (X orientation, Type A NFC)

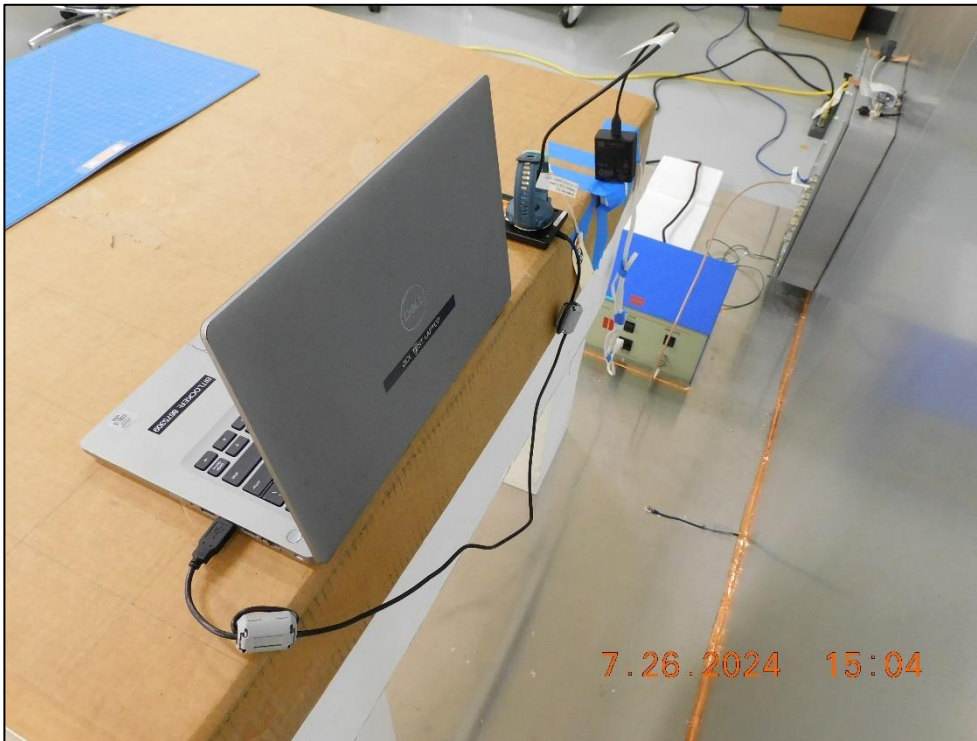


Figure CE04.2: Test setup, first view

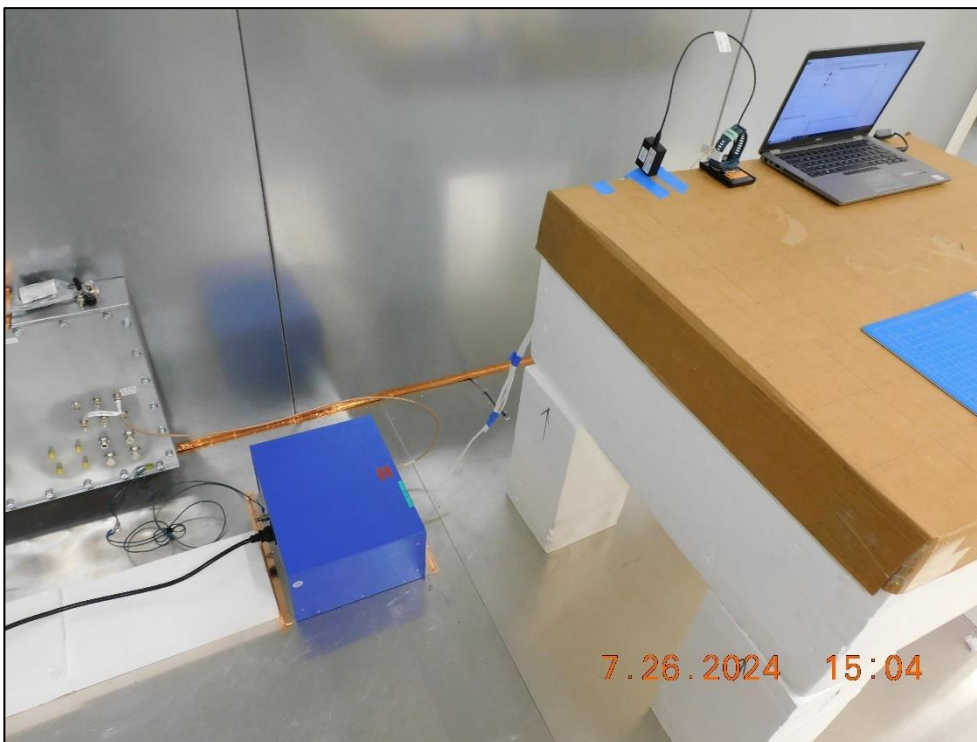


Figure CE04.3: Test setup, second view

The following material would have appeared on page 27 of GCL Test Report 2024-110

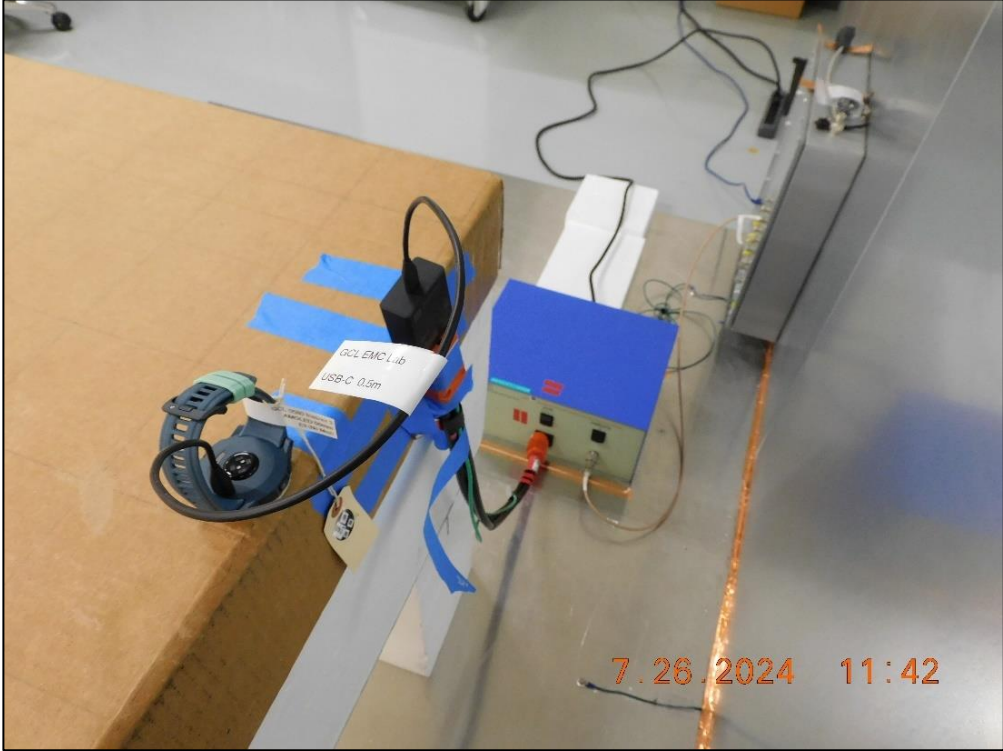


Figure CE01.2: Test setup, first view

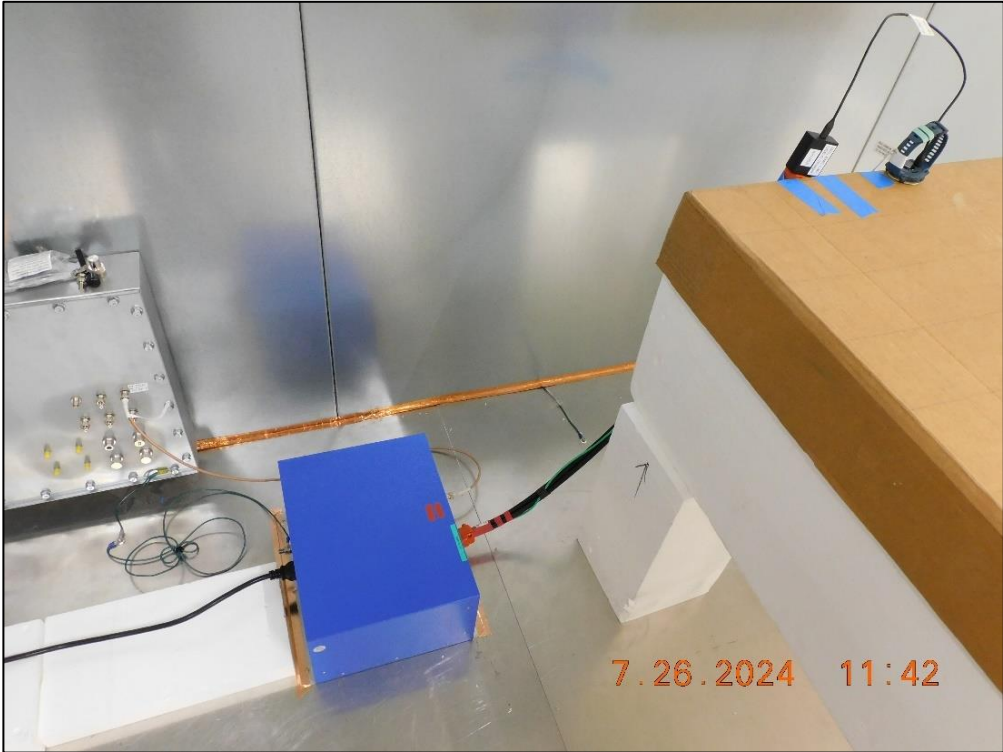


Figure CE01.3: Test setup, second view

The following material would have appeared on pages 13, 14, 18, 19, 25, 26, 29, and 37 of GCL Test Report 2024-111.

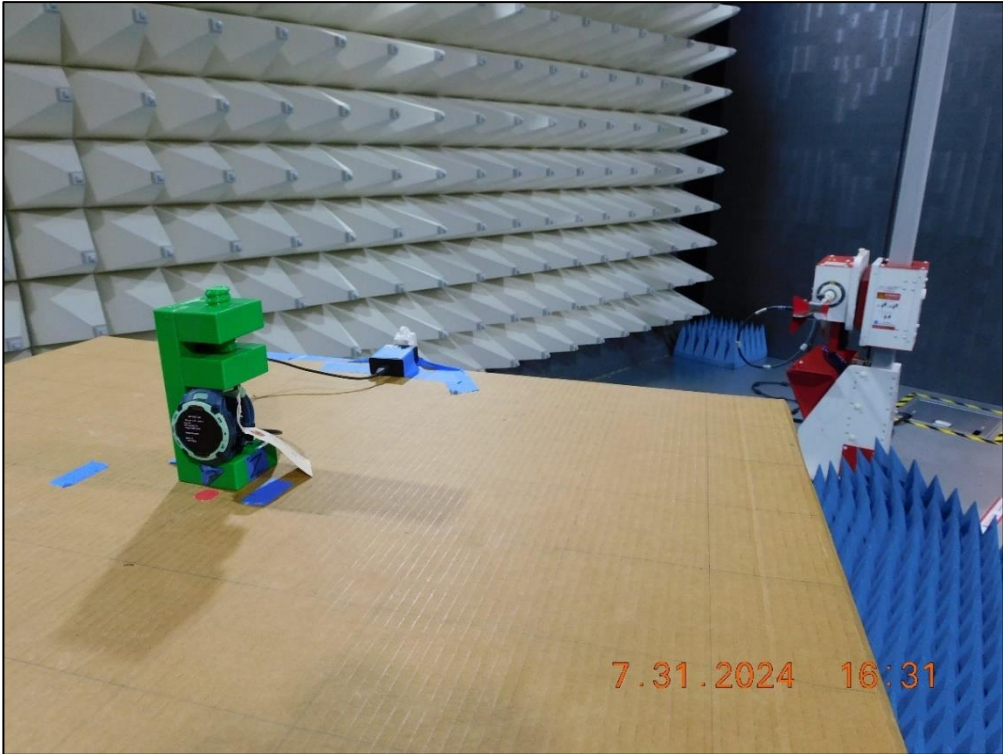


Figure RE04.3: EUT test setup, primary view

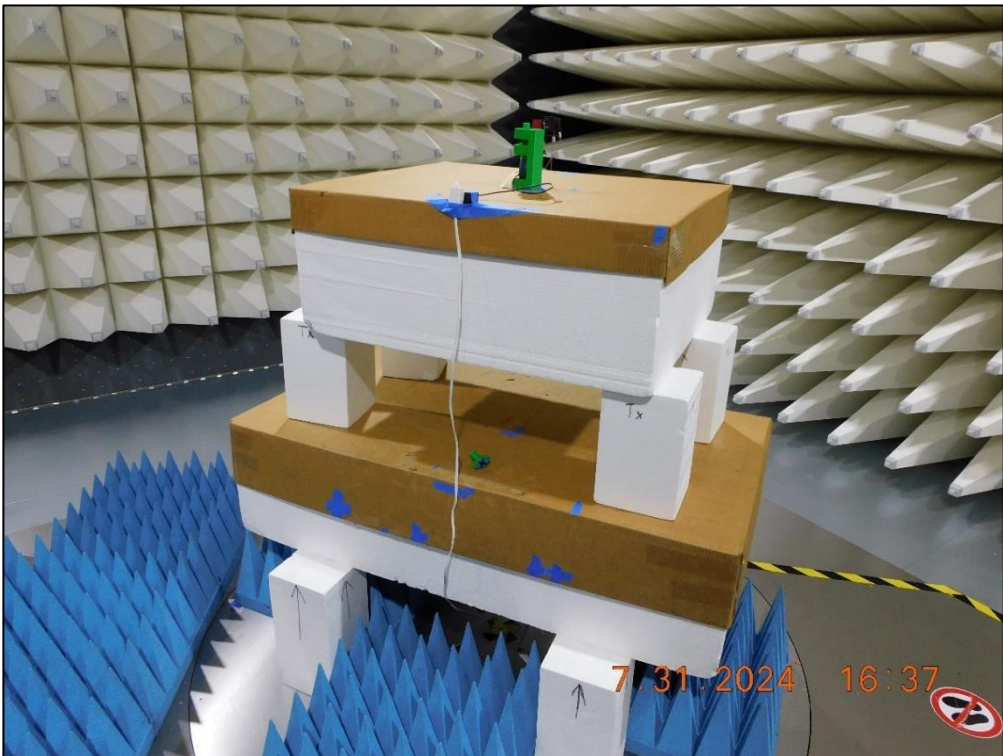


Figure RE04.4: EUT test setup, reverse view

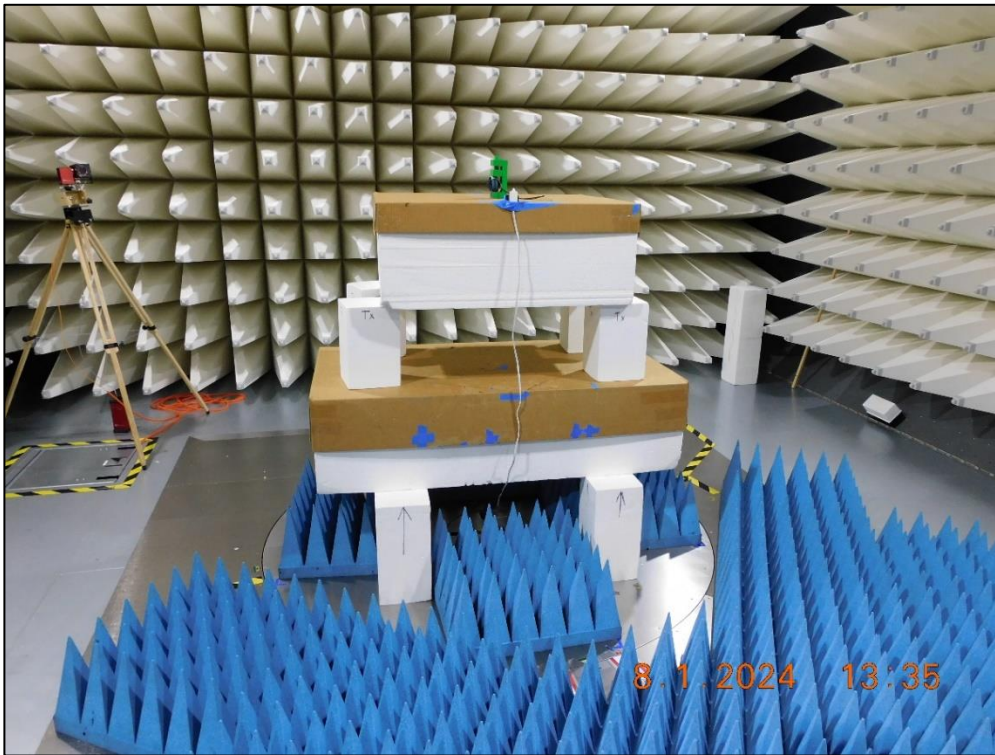


Figure RE21.4: EUT test setup, first view (X orientation Front View)



Figure RE21.5: EUT test setup, second view (X orientation Rear view)

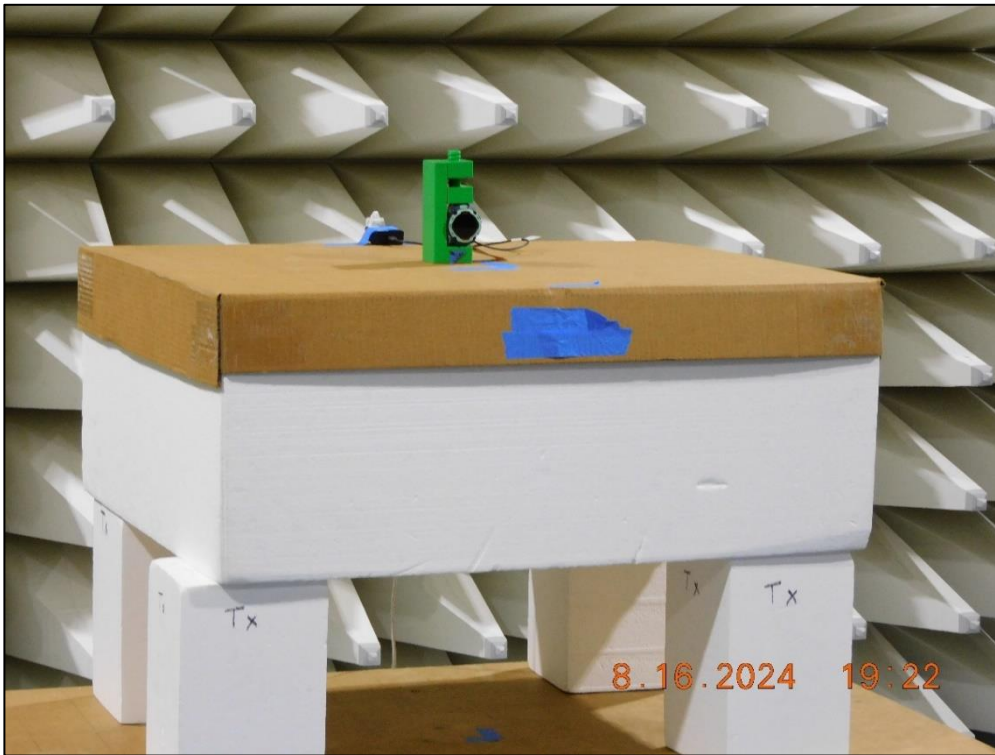


Figure RE22.4: EUT test setup, first view (X orientation)

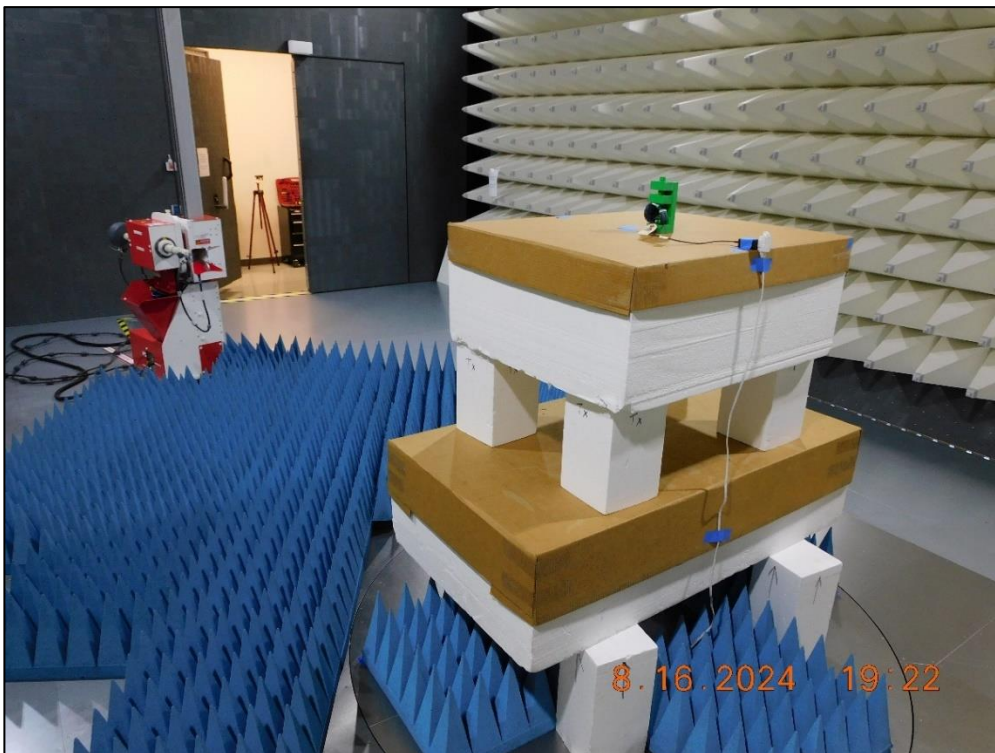


Figure RE22.5: EUT test setup, second view (X orientation)

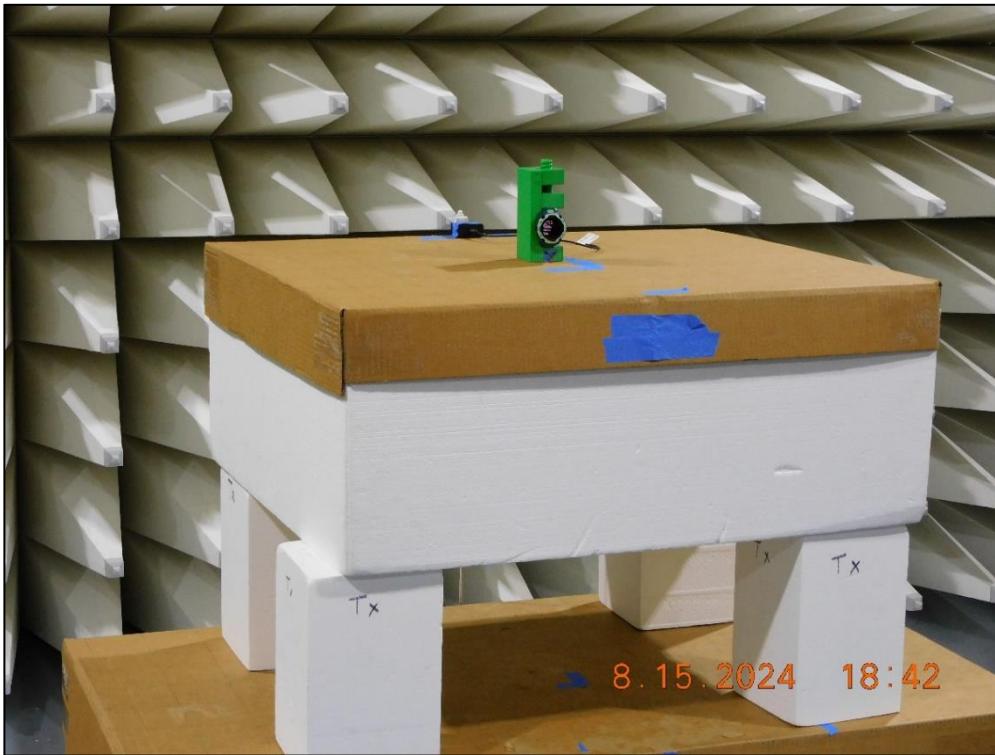


Figure RE23.2: EUT test setup, first view



Figure RE23.3: EUT test setup, second view

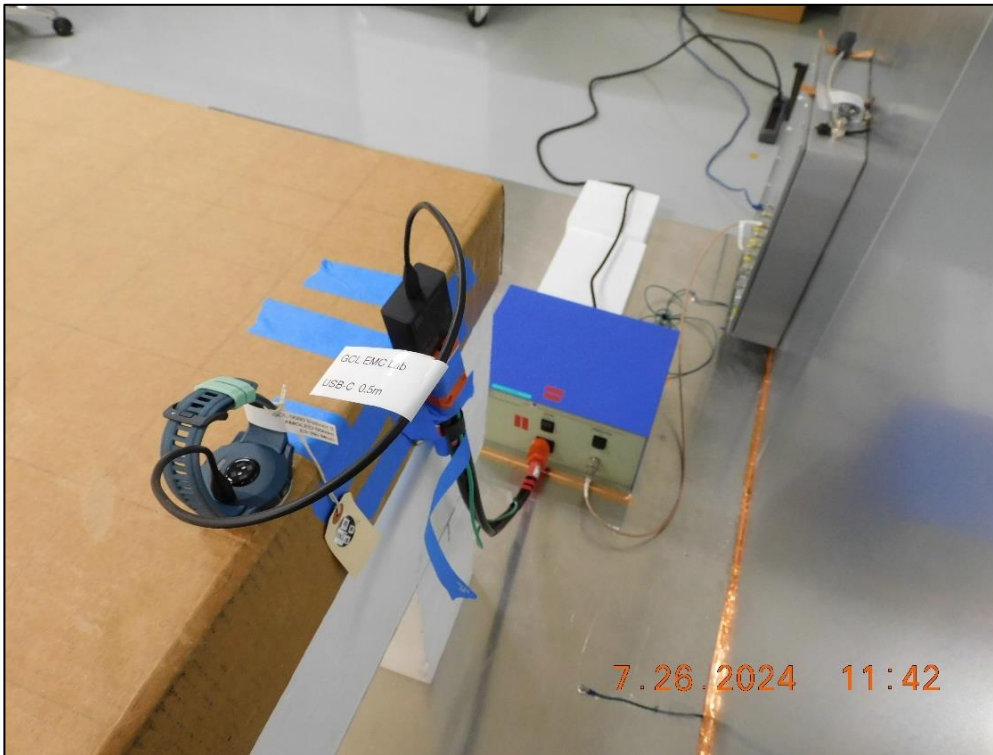


Figure CE02.2: Test setup, first view

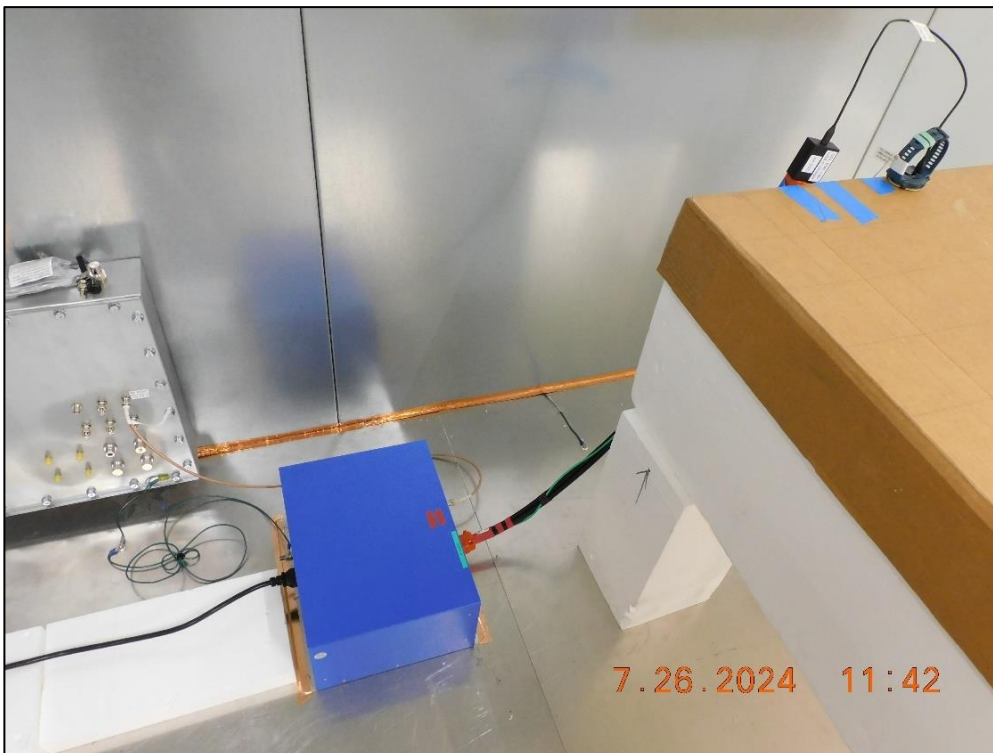


Figure CE02.3: Test setup, second view

5. Other Sensitive Material, if any

None

6 Test Standards Applied

Each of the GCL Test Reports cited in section 1 of this report lists the standards applied. Section 6 of those reports indicates whether each test or measurement standards applied is within the scope of the lab's accreditation. To avoid editorial errors or confusion, those listings will not be repeated here.

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7. Concluding Notes

This report stands as an integrated record of the tests performed and must be copied or distributed in its complete form. The reproduction of selected pages or sections separate from the complete report would require specific approval from the manager of the Garmin Compliance Lab.

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