

Test Report 2023-146

Version A

Issued 15 Aug 2024

Project GCL-0462

Model Identifier: A04883

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-04883
IC ID: 1792A-04883



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 2024-136, GCL Test Report 2024-138, GCL Test Report 2024-140 and GCL Test Report 2024-141 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 core test 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.

3. Report History and Approval

This report was written by Majid Farah and initially issued on 15 Aug 2024 as Version A.

Report Technical Review:

Majid Farah
Senior EMC Engineer


GCL only

Report Approval:

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


GCL only

4. Test Setup Photographs

The photographs on the subsequent pages are drawn first from Test Report 2024-136, followed by images from Test Report 2024-138, Test Report 2024-140 and Test Report 2024-141.

The following material would have appeared on or near page 15 of GCL Test Report 2024-136.

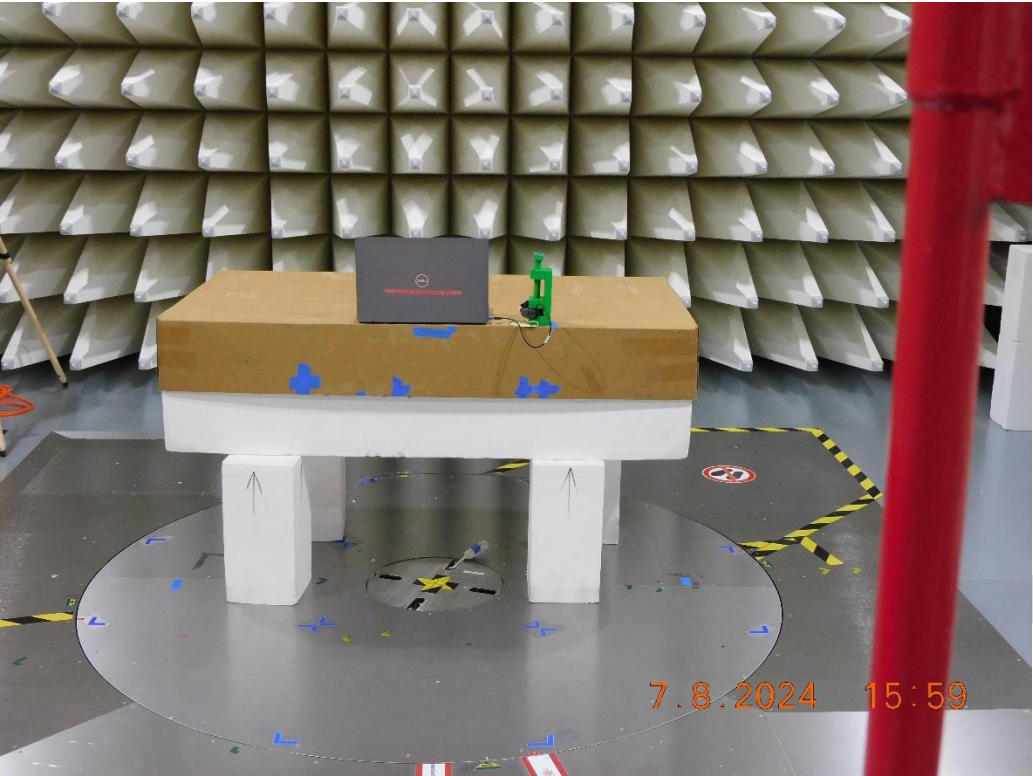


Figure RE09.2: EUT test setup, first view



Figure RE09.3: EUT test setup, second view

The following material would have appeared on or near page 19 of GCL Test Report 2024-136.



Figure RE10.2: EUT test setup, first view (X orientation)

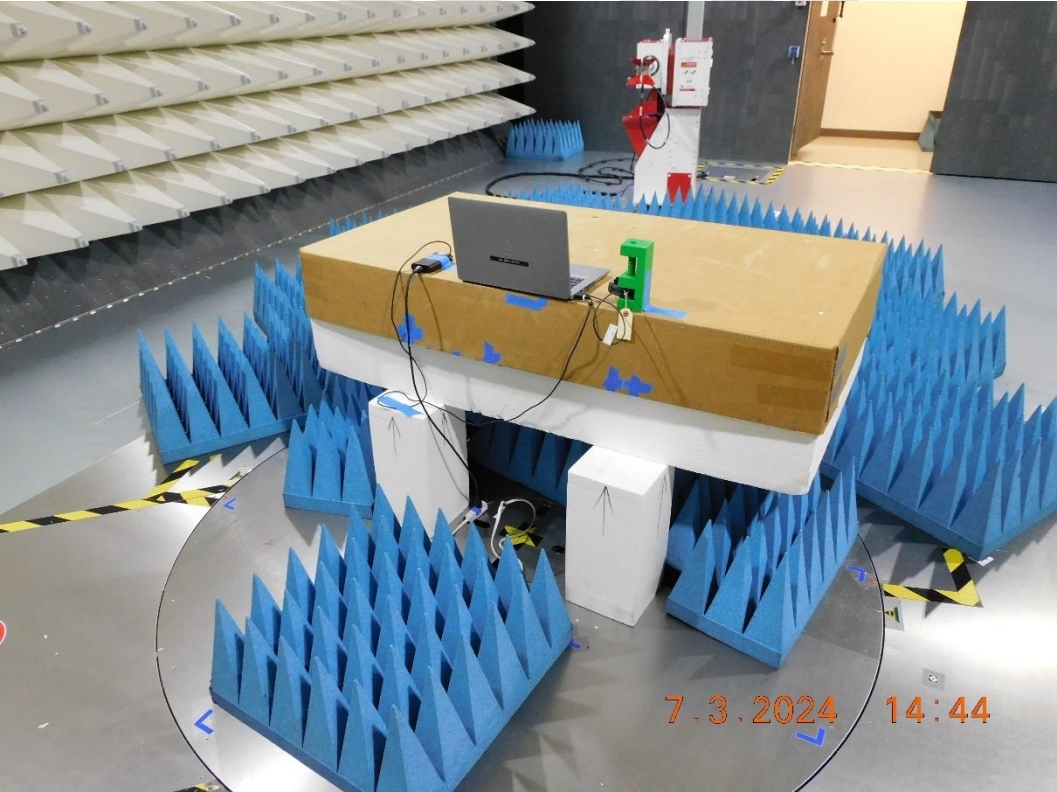


Figure RE10.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 22 of GCL Test Report 2024-136.

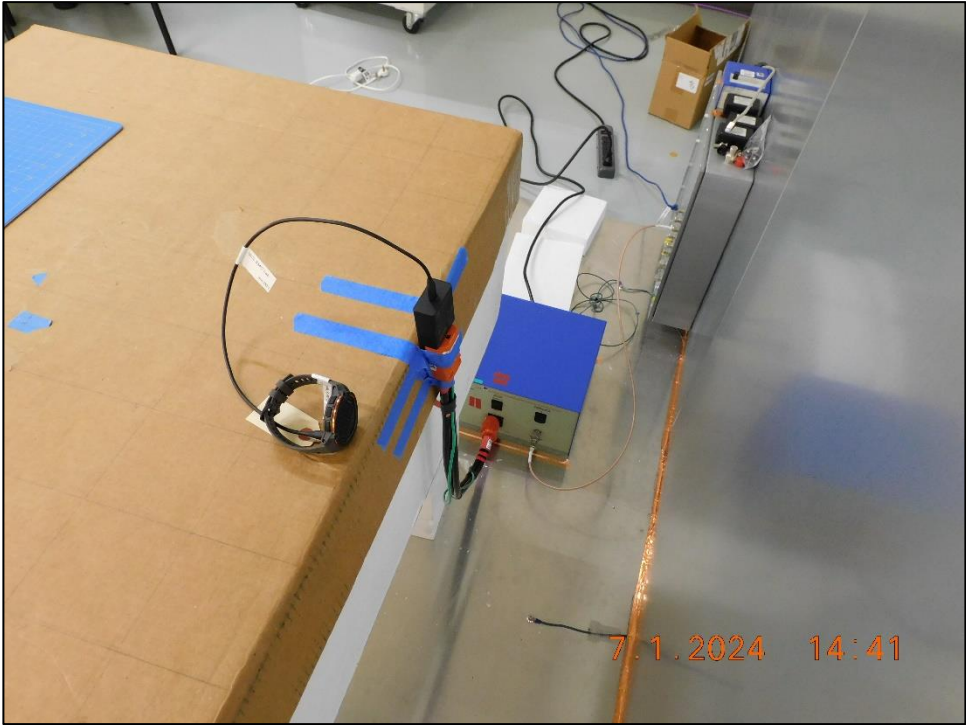


Figure CE05.2: Test setup, first view

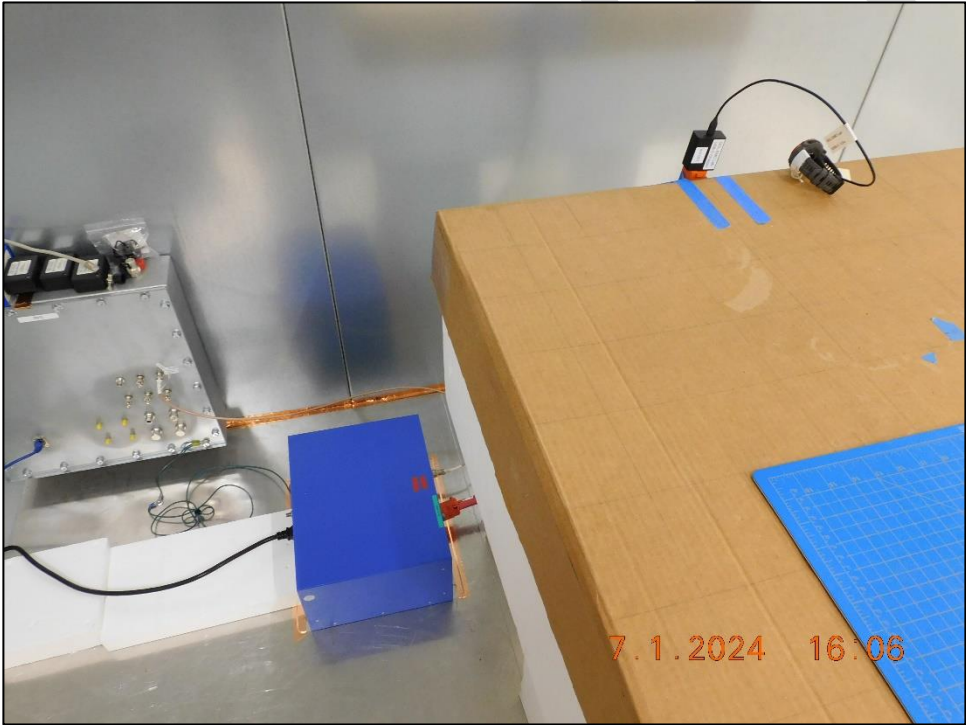


Figure CE05.3: Test setup, second view

The following material would have appeared on or near page 16 of GCL Test Report 2024-138.

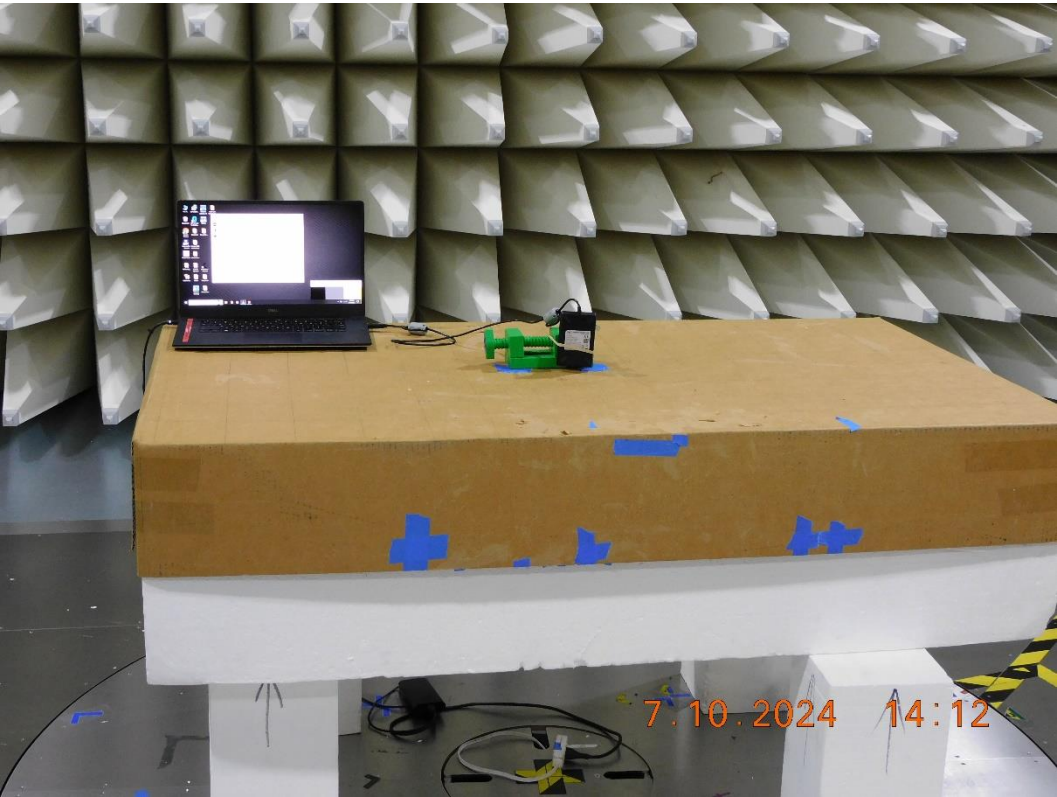


Figure RE18.3: EUT test setup, front view (Antenna X Orientation)

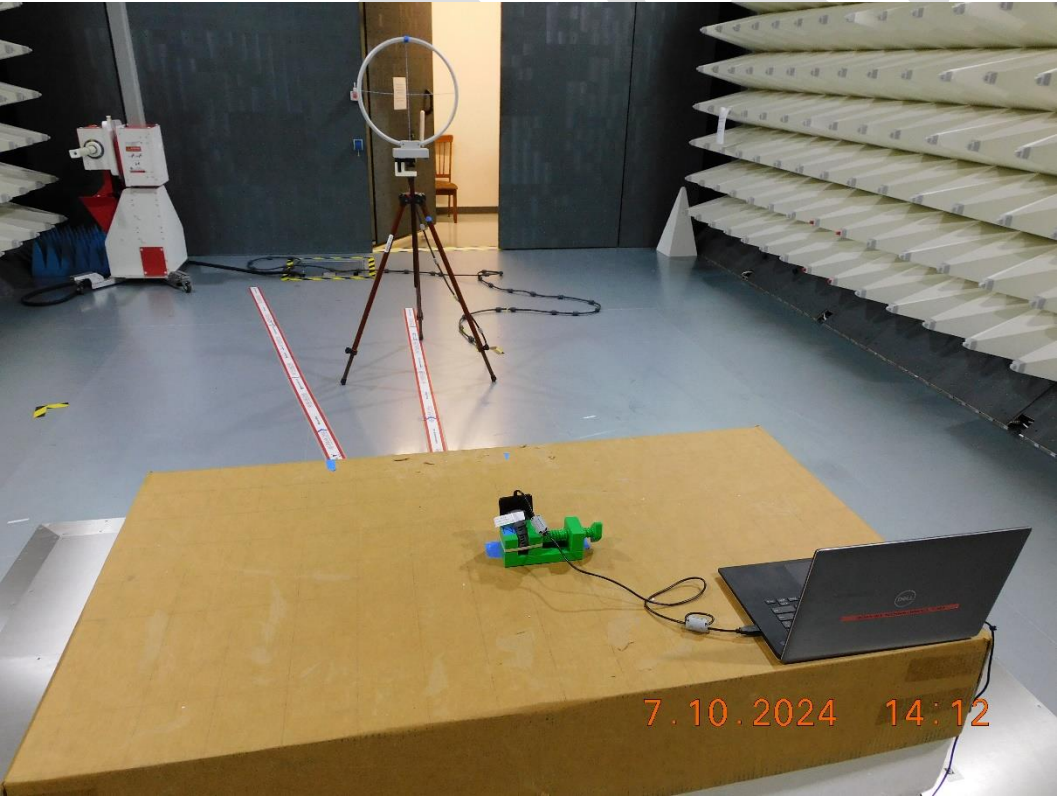


Figure RE18.4: EUT test setup, reverse view (Antenna X Orientation)

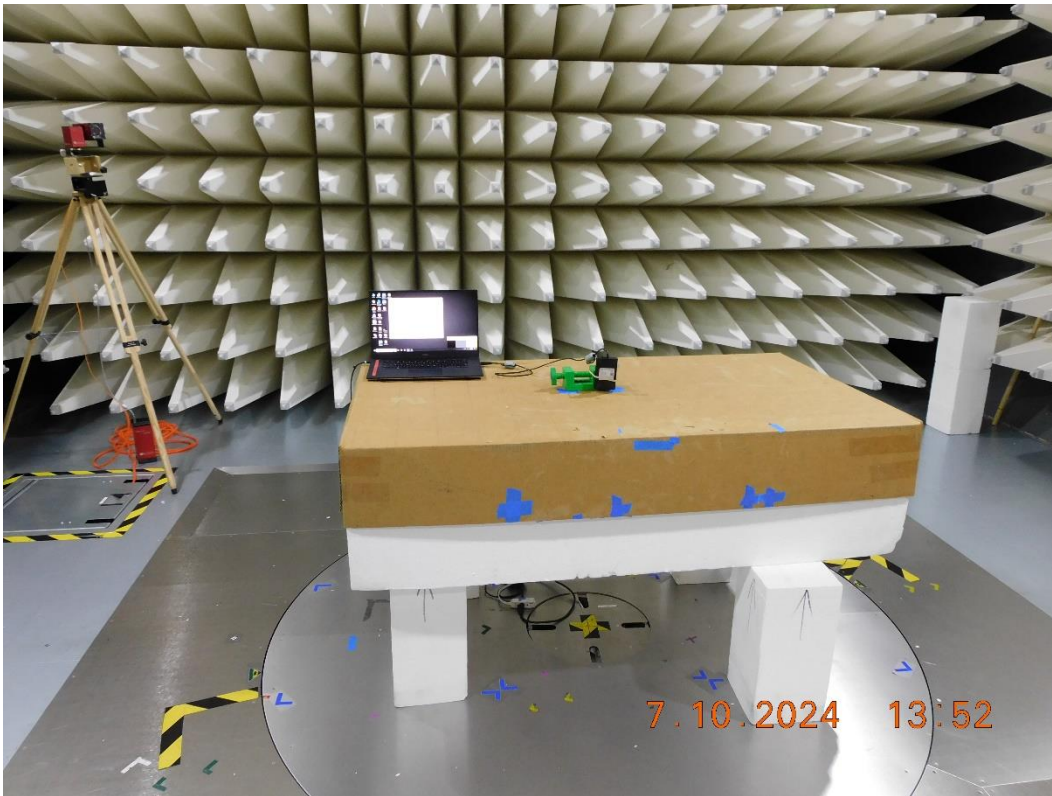


Figure RE18.5: EUT test setup, front view (Antenna Y Orientation)

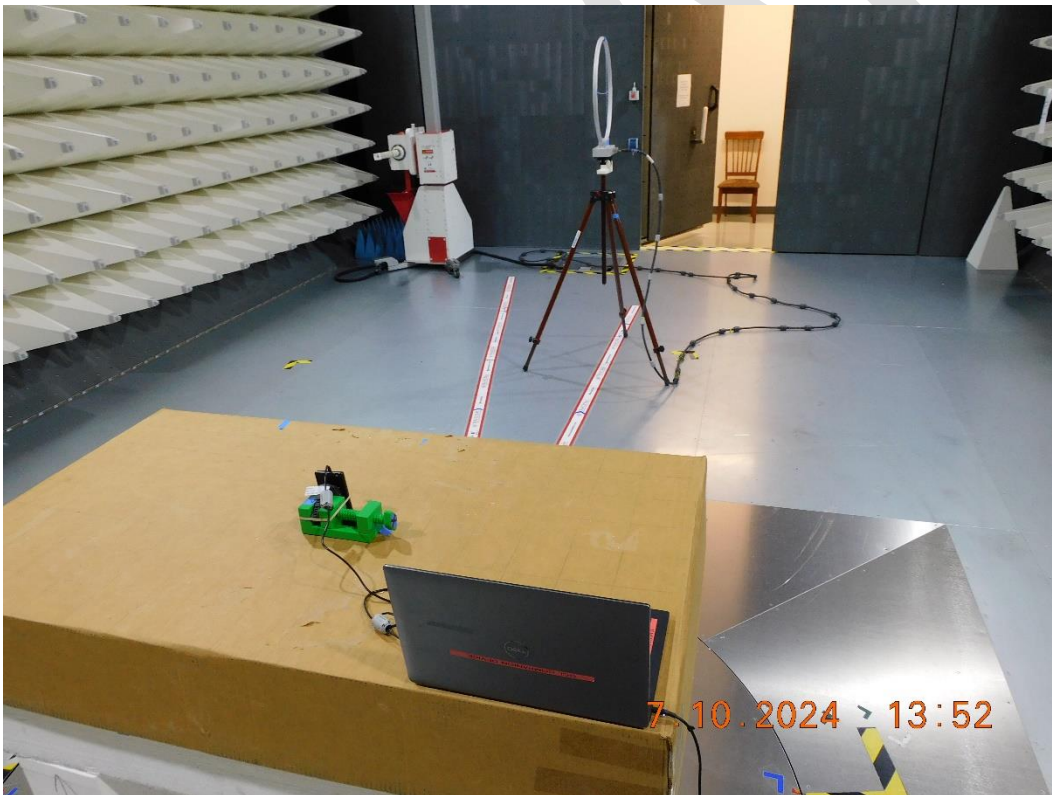


Figure RE18.6: EUT test setup, reverse view (Antenna Y Orientation)

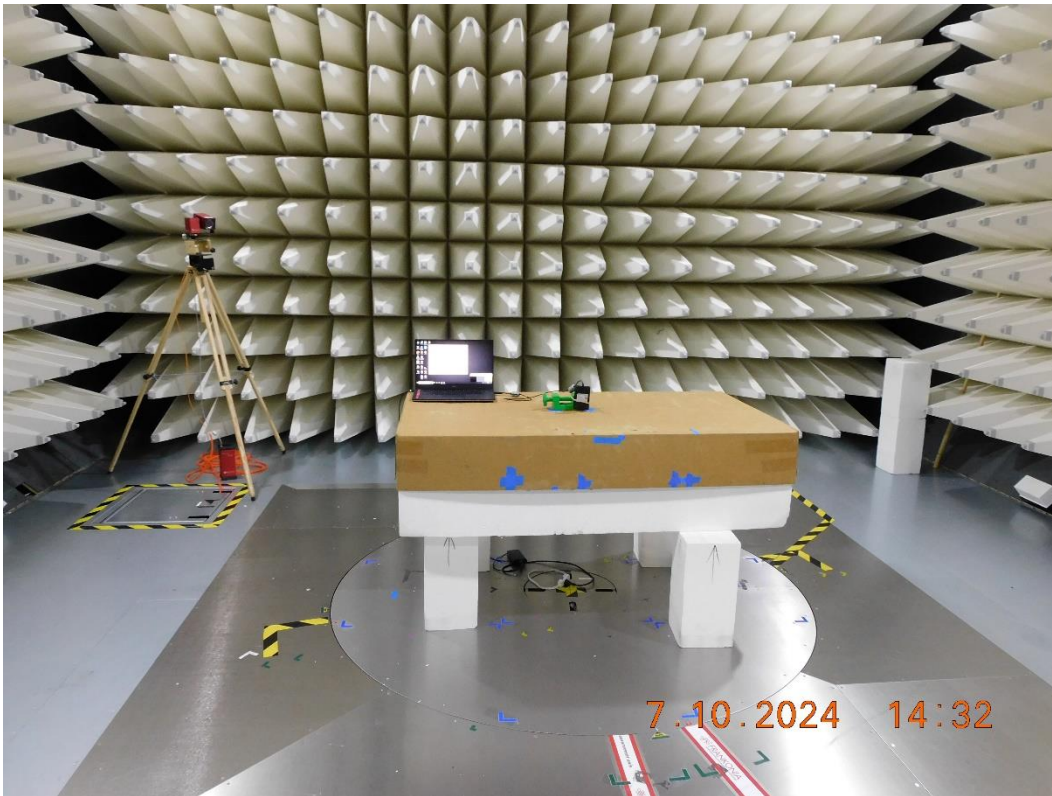


Figure RE18.7: EUT test setup, front view (Antenna Z Orientation)

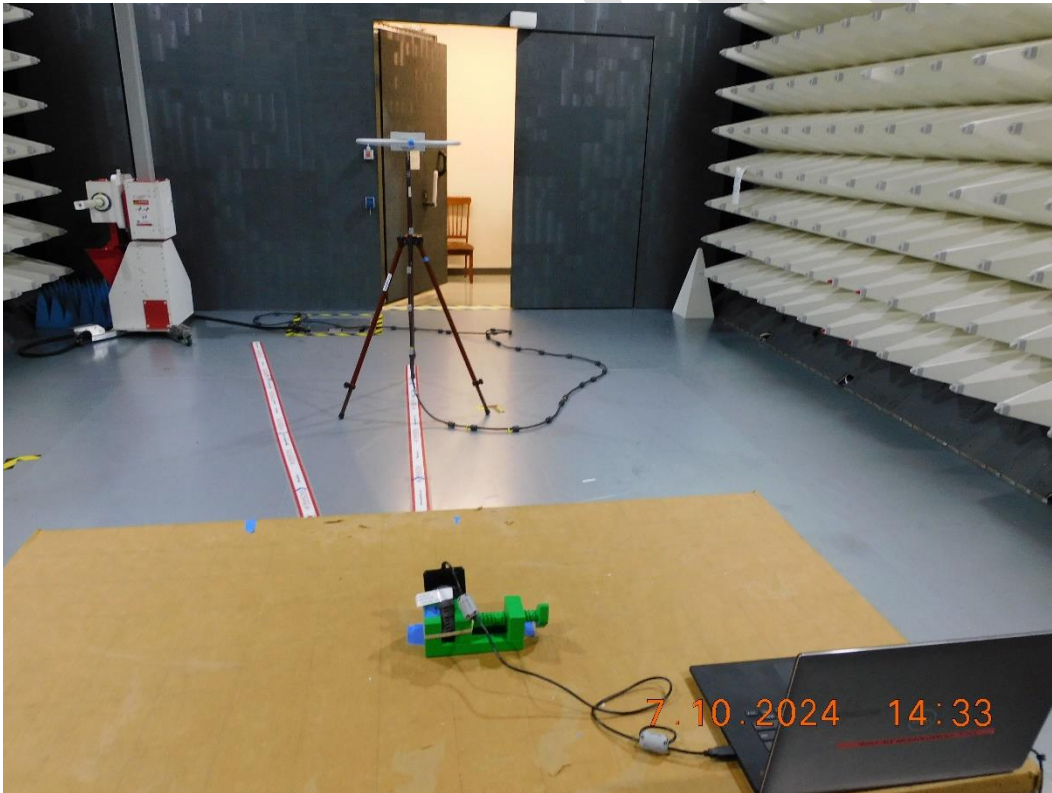


Figure RE18.8: EUT test setup, reverse view (Antenna Z Orientation)

The following material would have appeared on or near page 21 of GCL Test Report 2024-138.

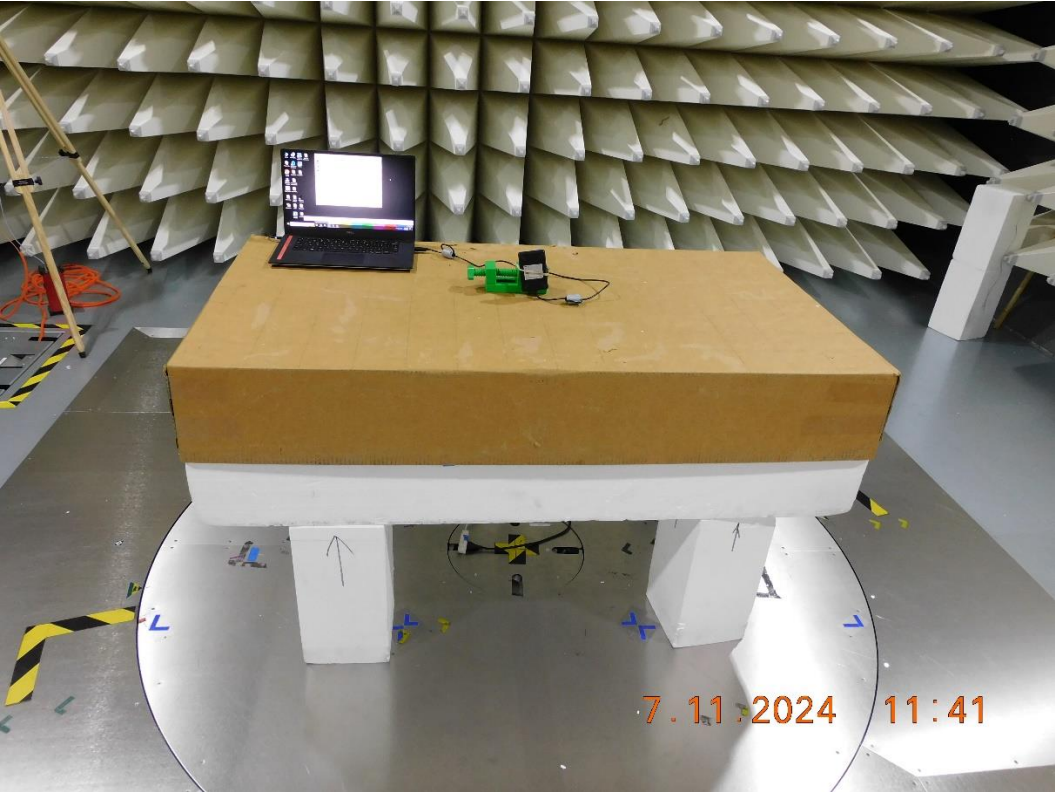


Figure RE20.2: EUT test setup, first view (X orientation, Type A NFC)

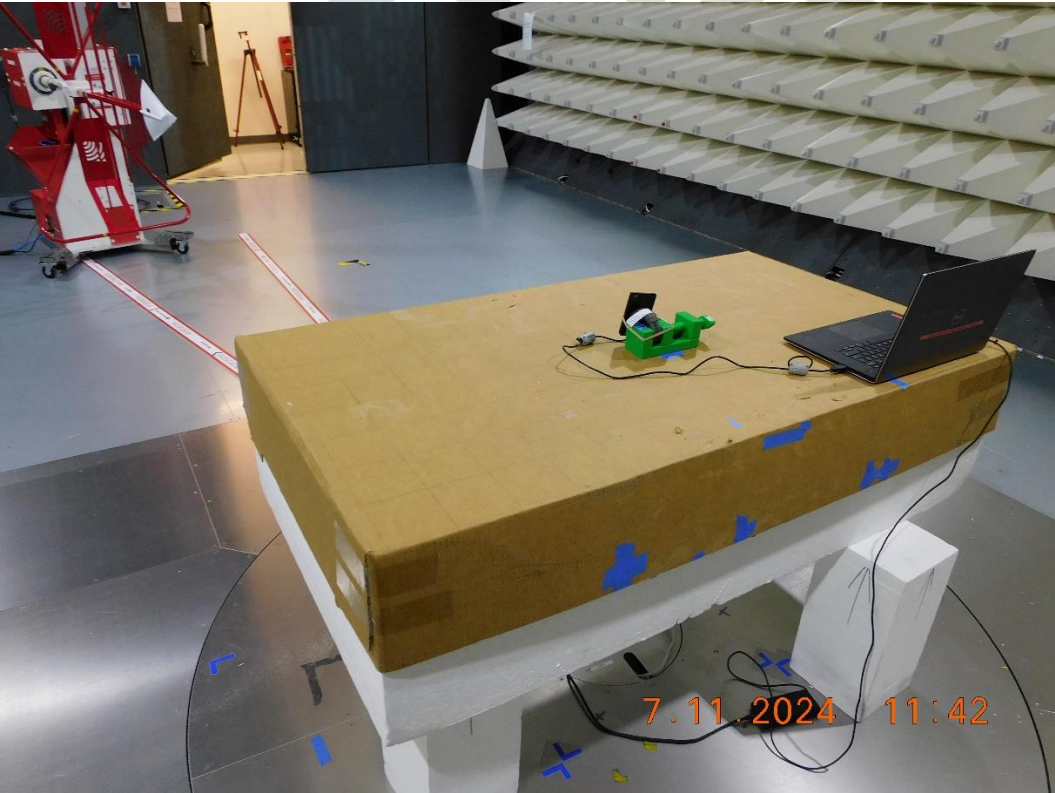


Figure RE20.3: EUT test setup, second view (X orientation, Type A NFC)

The following material would have appeared on or near page 24 of GCL Test Report 2024-138.

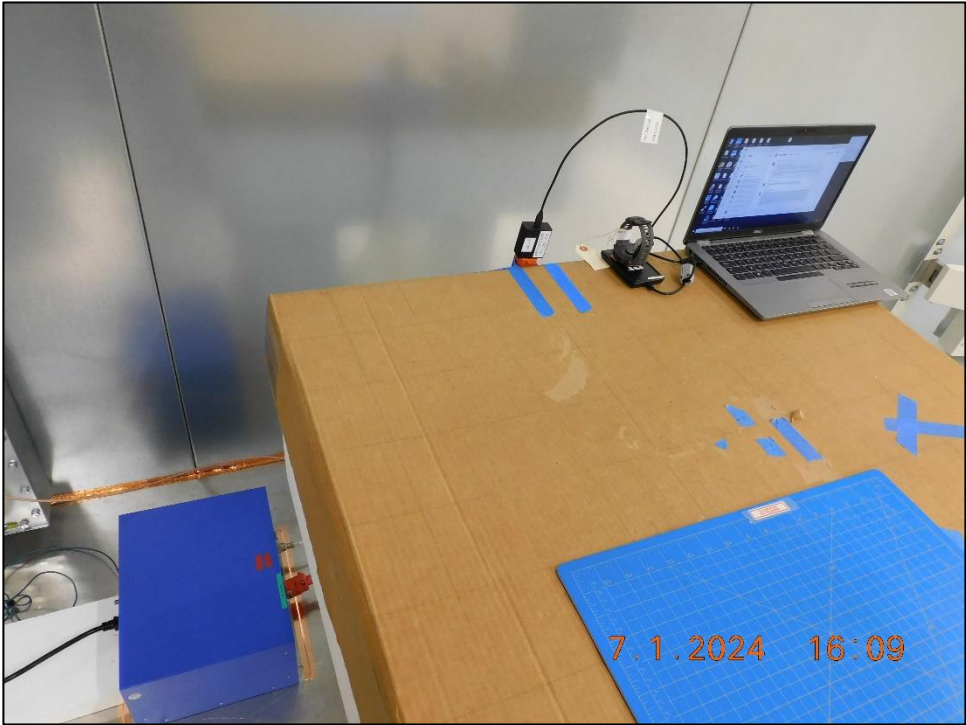


Figure CE04.2: Test setup, first view

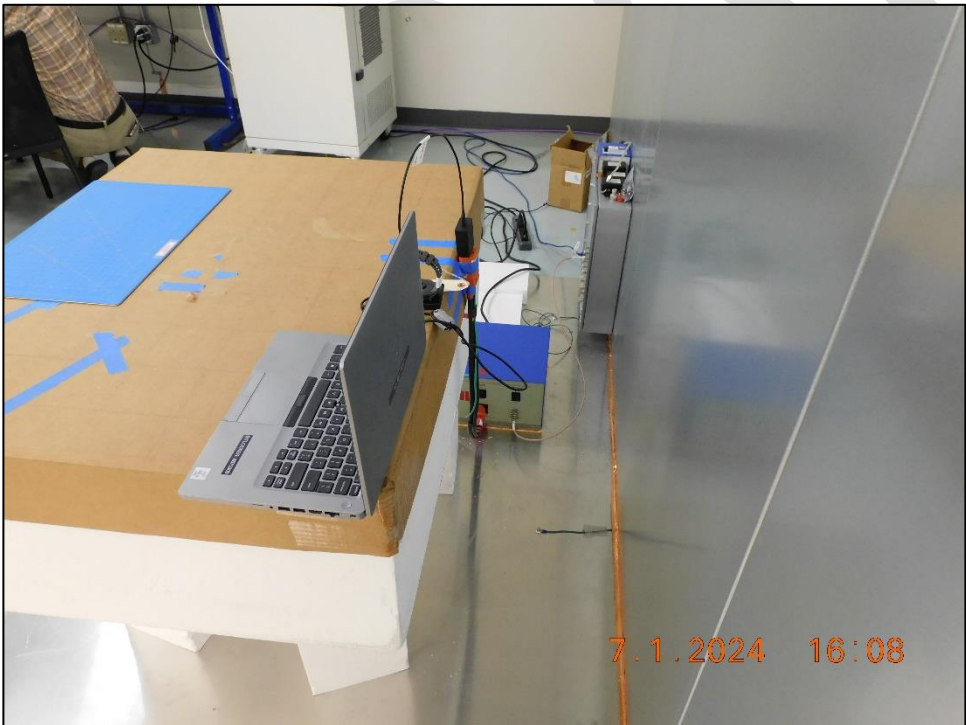


Figure CE04.3: Test setup, second view

The following material would have appeared on or near page 30 of GCL Test Report 2024-140.

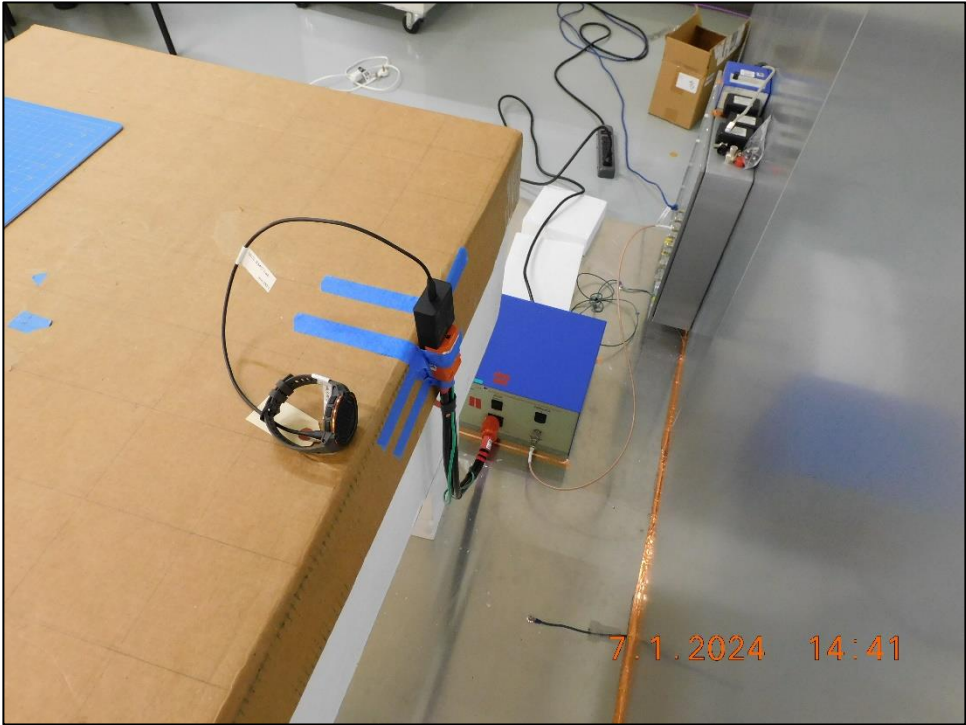


Figure CE01.2: Test setup, first view

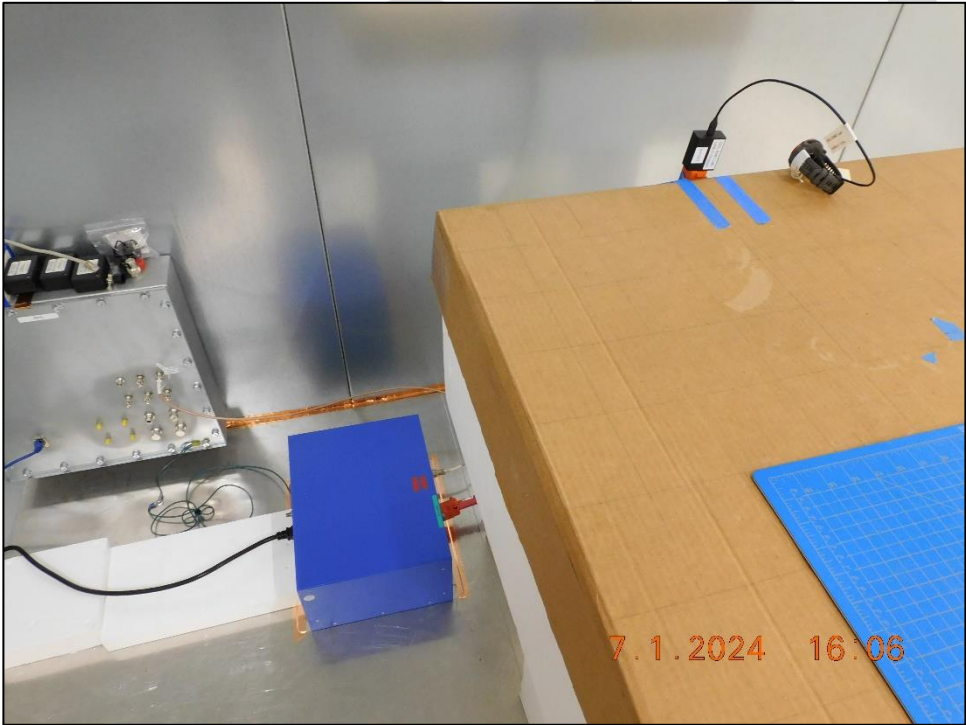


Figure CE01.3: Test setup, second view

The following material would have appeared on or near page 17 of GCL Test Report 2024-141.

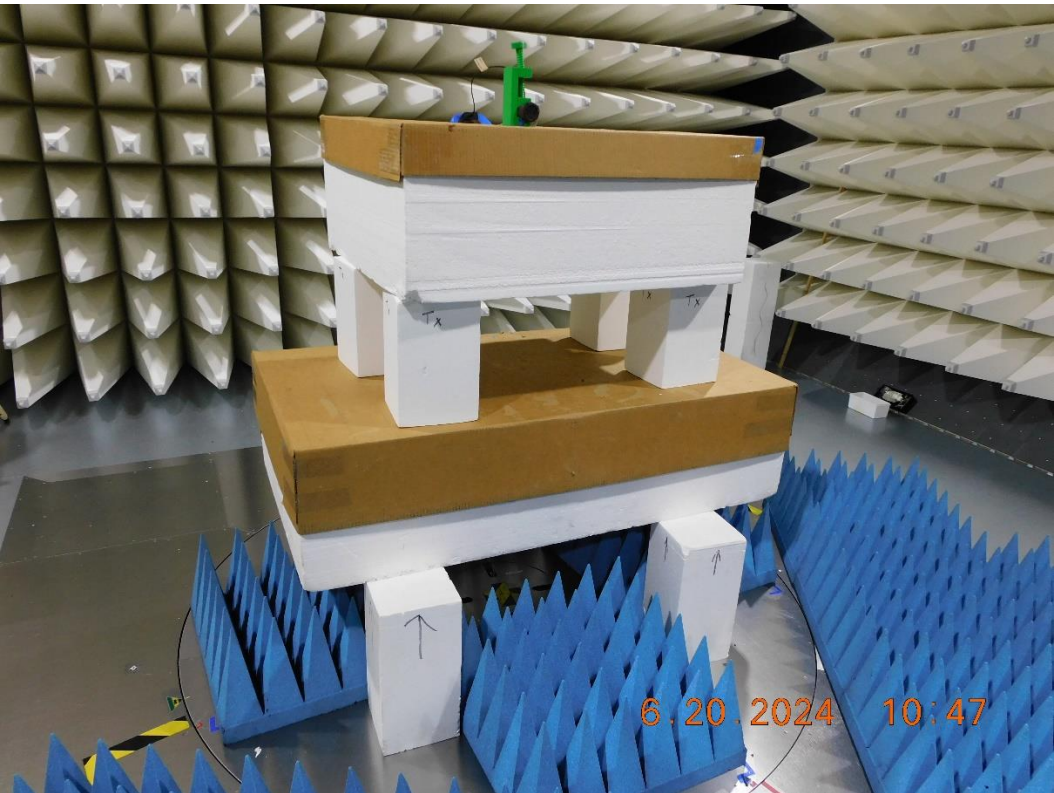


Figure RE04.3: EUT test setup, primary view (X orientation)

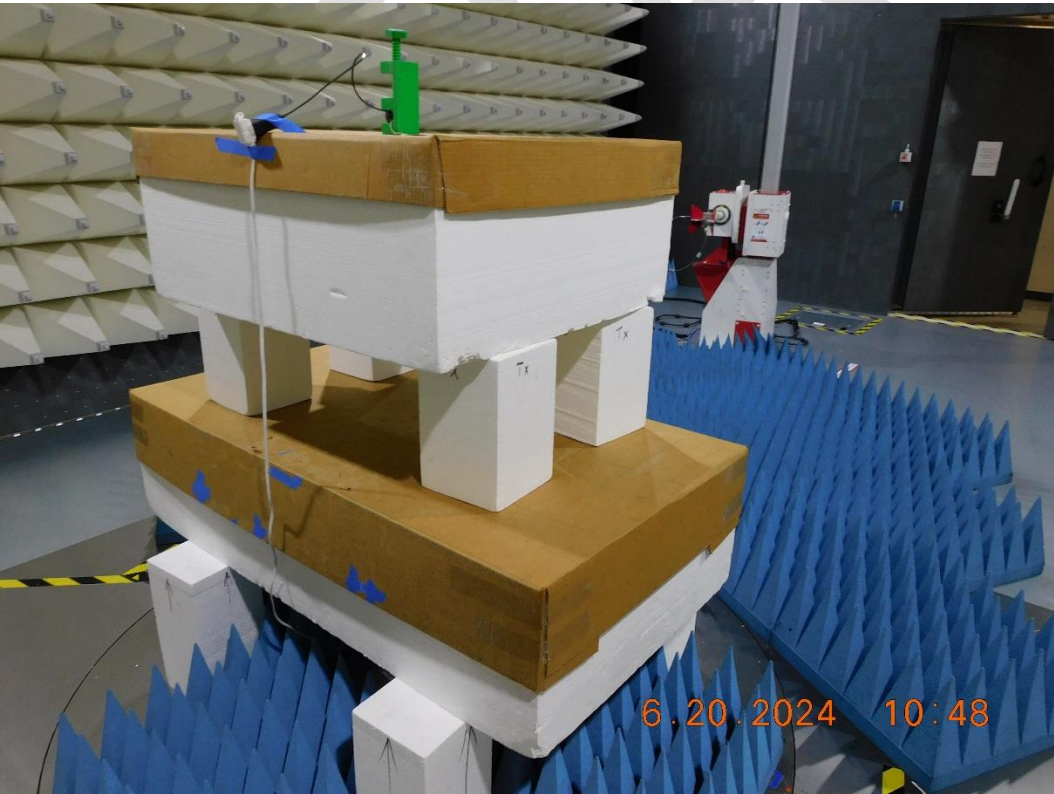


Figure RE04.4: EUT test setup, reverse view (X orientation)

The following material would have appeared on or near page 21 of GCL Test Report 2024-141.

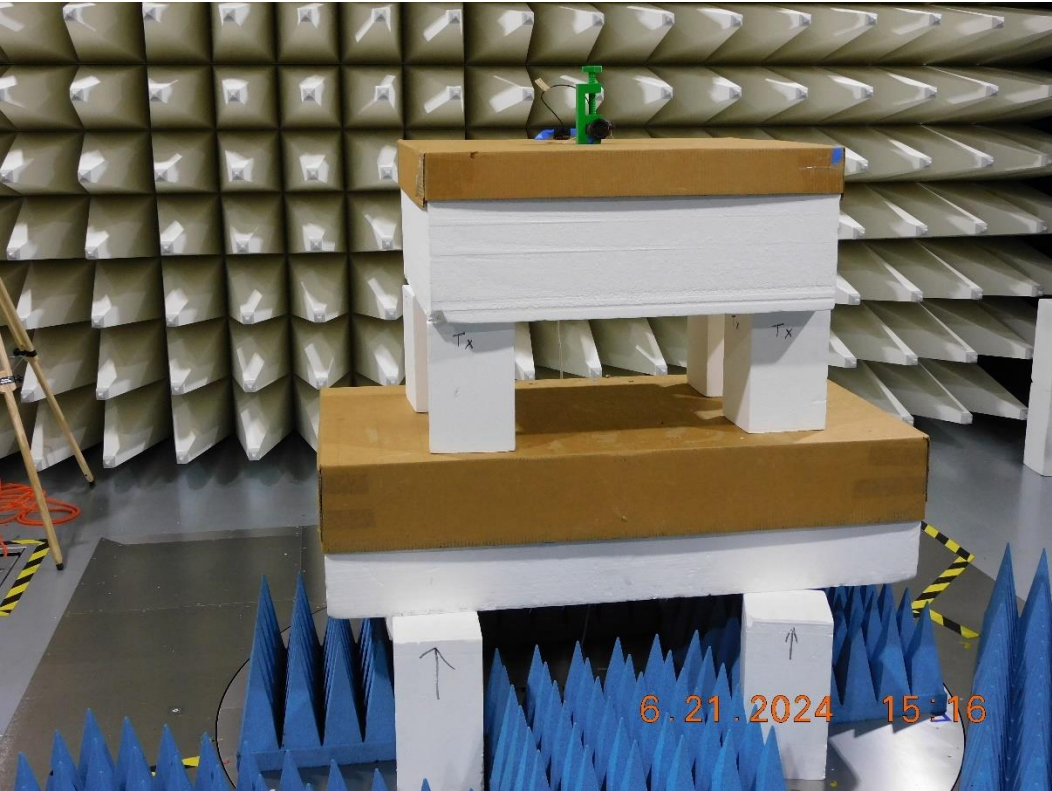


Figure RE24.4: EUT test setup, first view

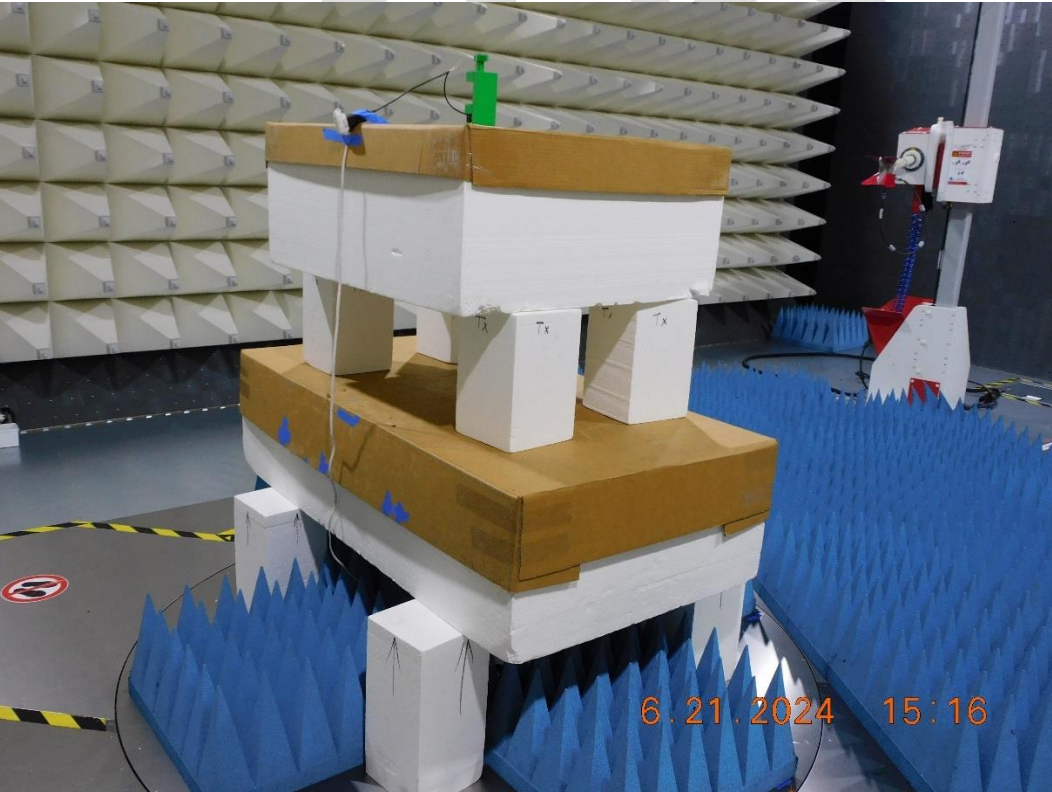


Figure RE24.5: EUT test setup, second view

The following material would have appeared on or near page 28 of GCL Test Report 2024-141.

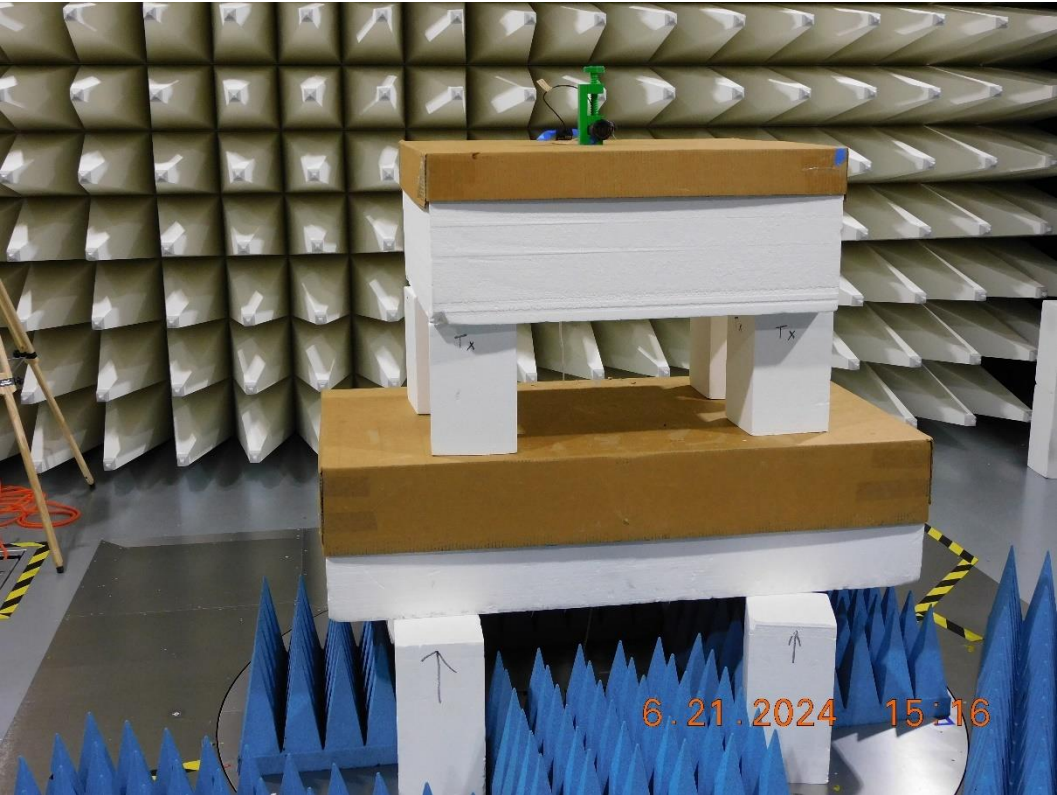


Figure RE25.2: EUT test setup, first view

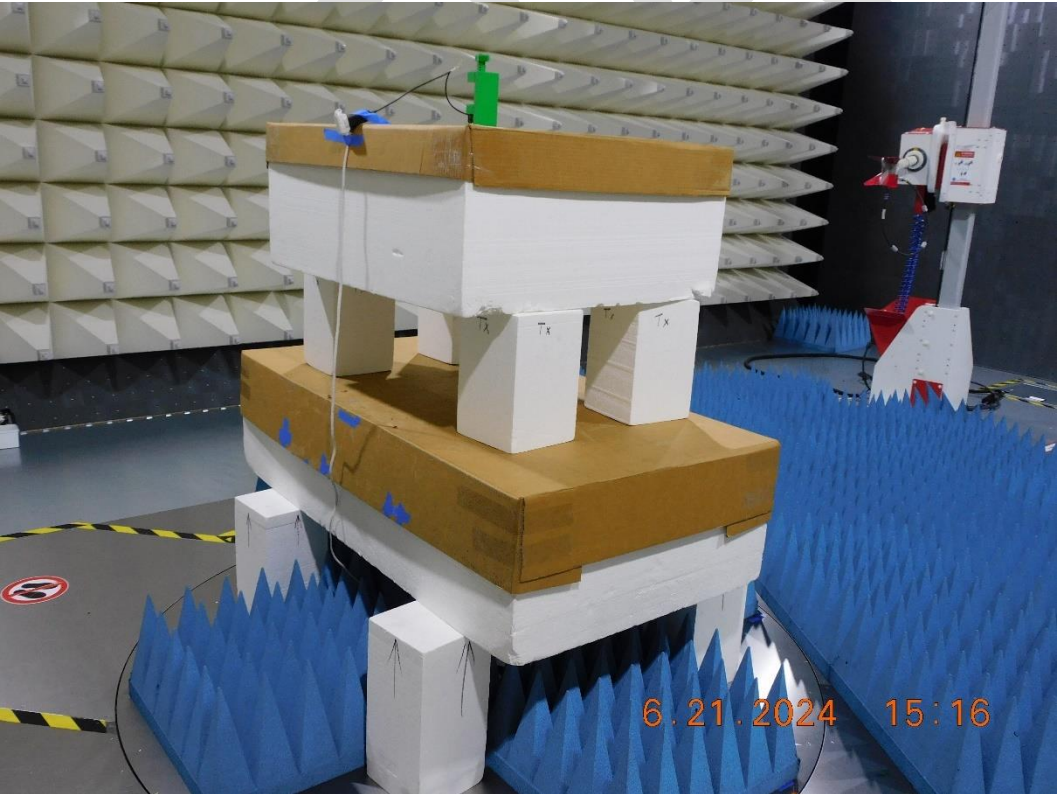


Figure RE25.3: EUT test setup, second view

The following material would have appeared on or near page 32 of GCL Test Report 2024-141.

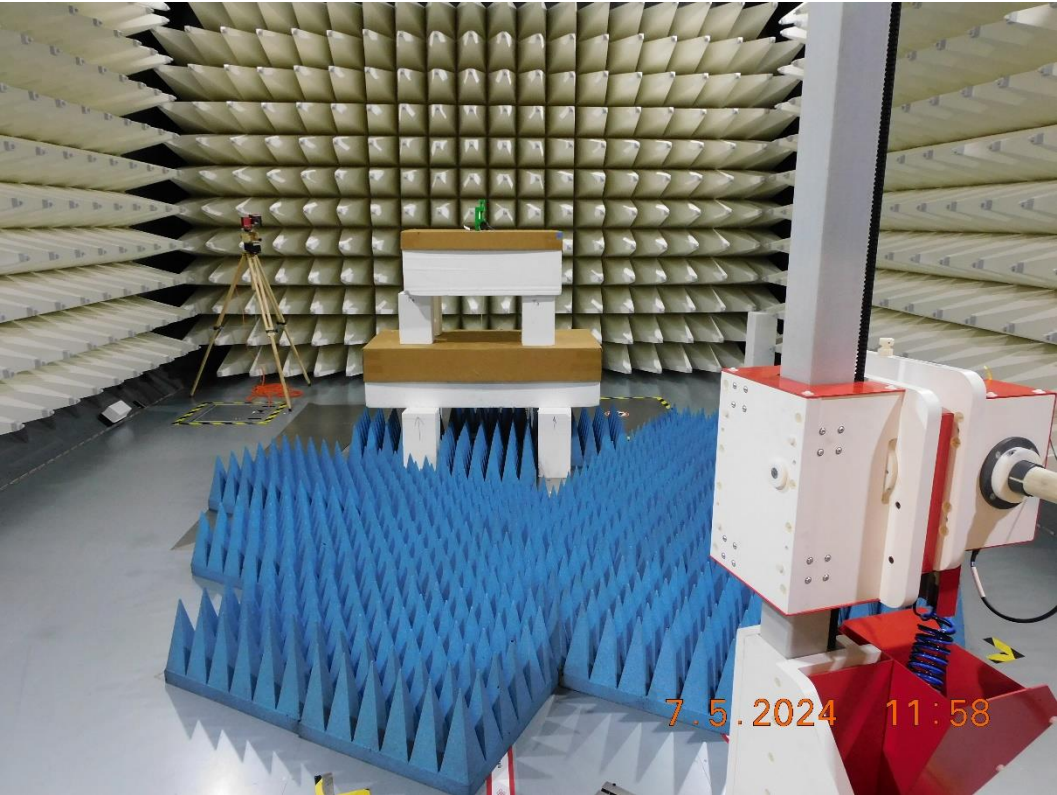


Figure RE26.2: EUT test setup, first view

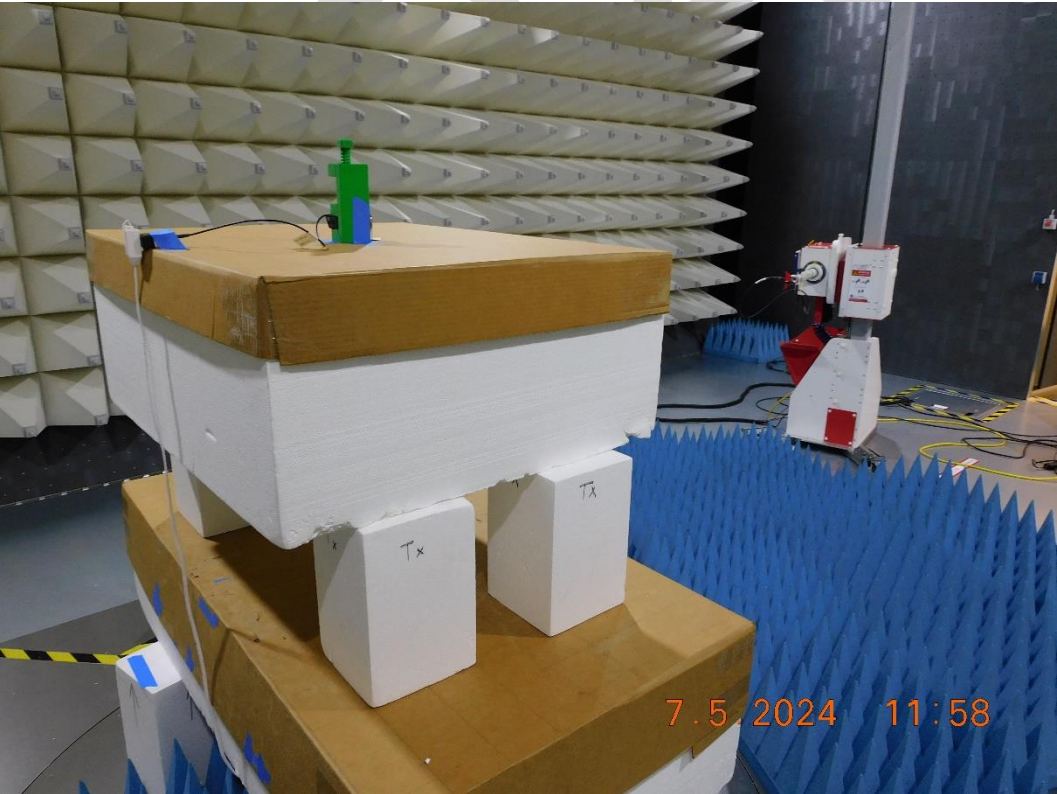


Figure RE26.3: EUT test setup, second view

The following material would have appeared on or near page 43 of GCL Test Report 2024-141.

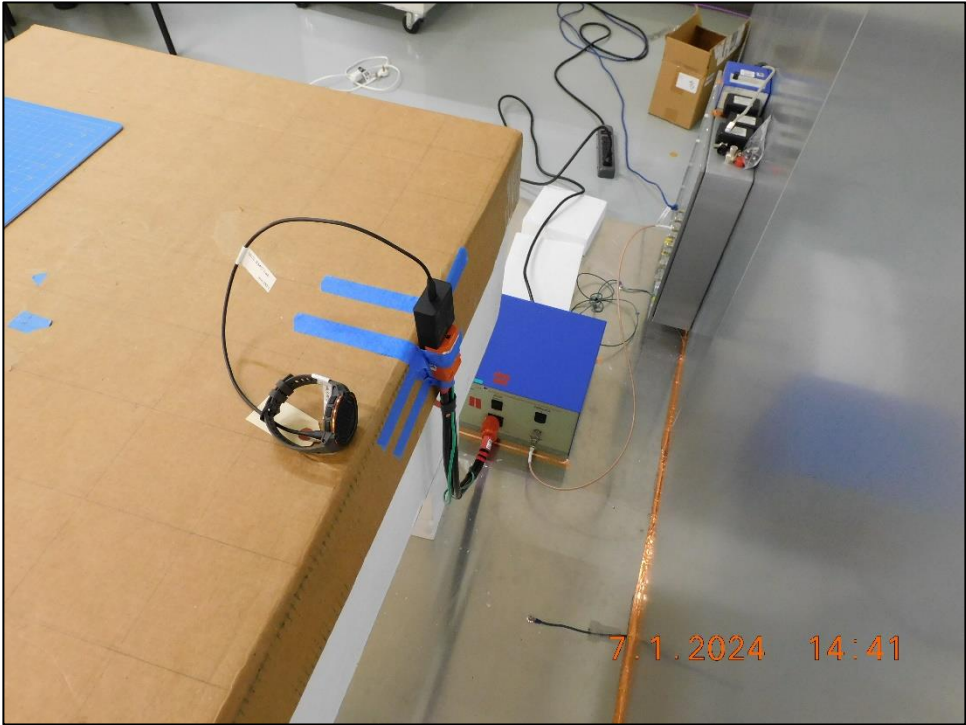


Figure CE01.2: Test setup, first view

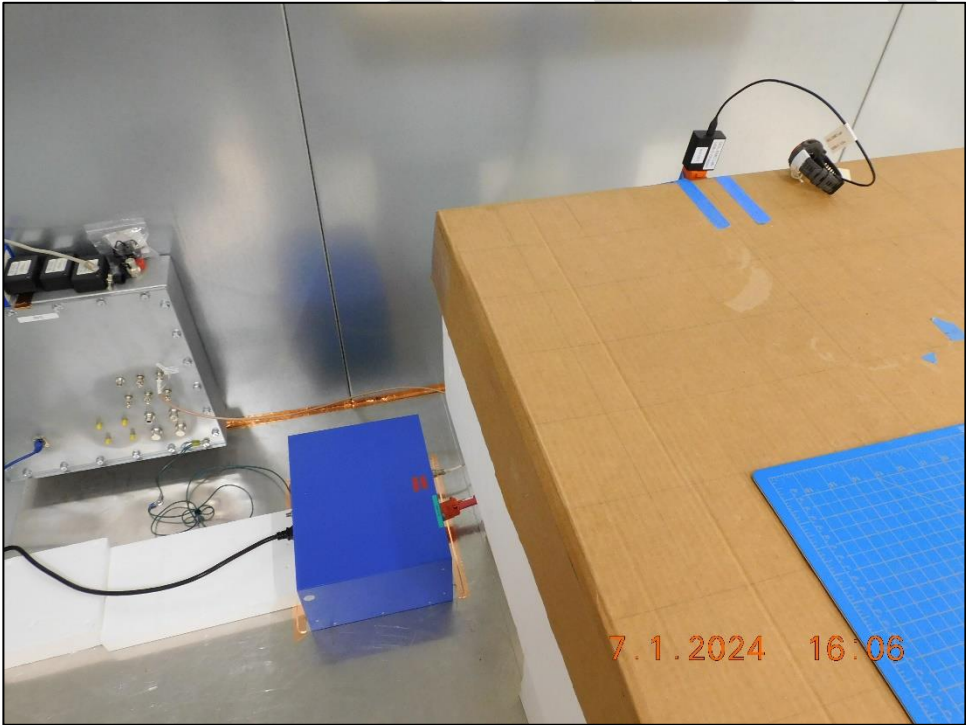


Figure CE01.3: Test setup, second view

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.

The Garmin Compliance Lab, an organization within Garmin International, is registered with the US Federal Communication Commission as US1311. The lab is recognized by the Canada Department of Innovation, Science, and Economic Development (ISED) under CAB identifier US0233.

The Garmin Compliance Lab, an organization within Garmin International, is accredited by A2LA, Certificate No. 6162.01. The presence of the A2LA logo on the cover of this report indicates this is an accredited ISO/IEC 17025 test report. If the logo is absent, this report is not issued as an accredited report. Other marks and symbols adjacent to the A2LA logo are accreditation co-operations of which A2LA is a member under a mutual recognition agreement, and to which the Garmin Compliance Lab has been sublicensed.

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.

This is the final page of the report.