

Test Report 2024-124

Version A

Issued 21 Aug 2024

Project GCL-0575

Test Setup Photographs

Model Identifier A04666

Primary Test Standard

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-04666
IC ID: 1792A-04666



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 2022-122, and GCL Test Report 2024-123 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 David Arnett and initially issued on 21 Aug 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 Test Report 2024-122, followed by images from Test Report 2024-123.

The following material would have appeared on or near page 12 of GCL Test Report 2024-122.

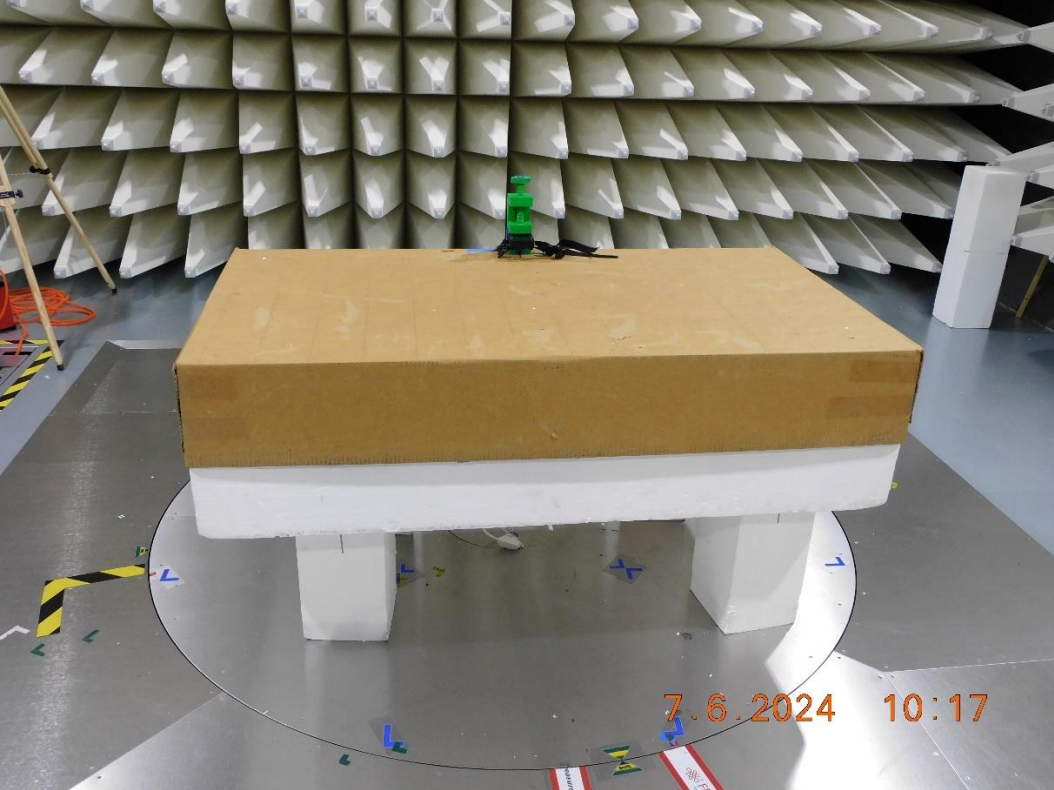


Figure RE09.2: EUT test setup, first view (X orientation)

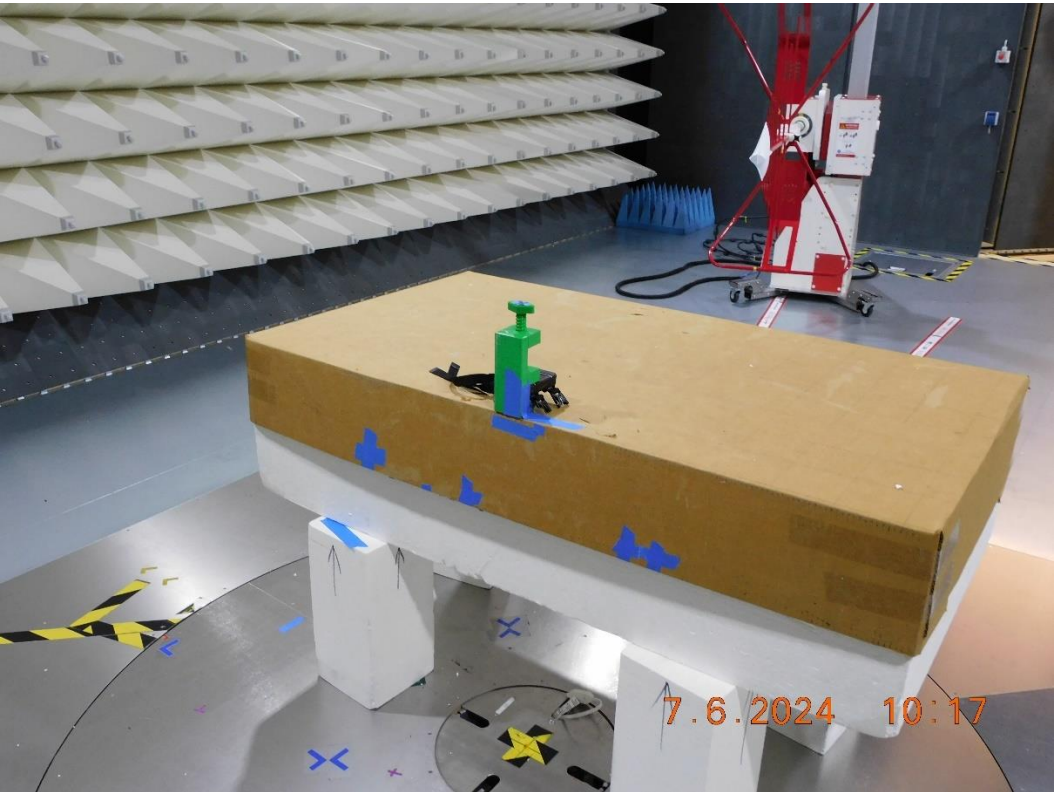


Figure RE09.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 15 of GCL Test Report 2024-122.

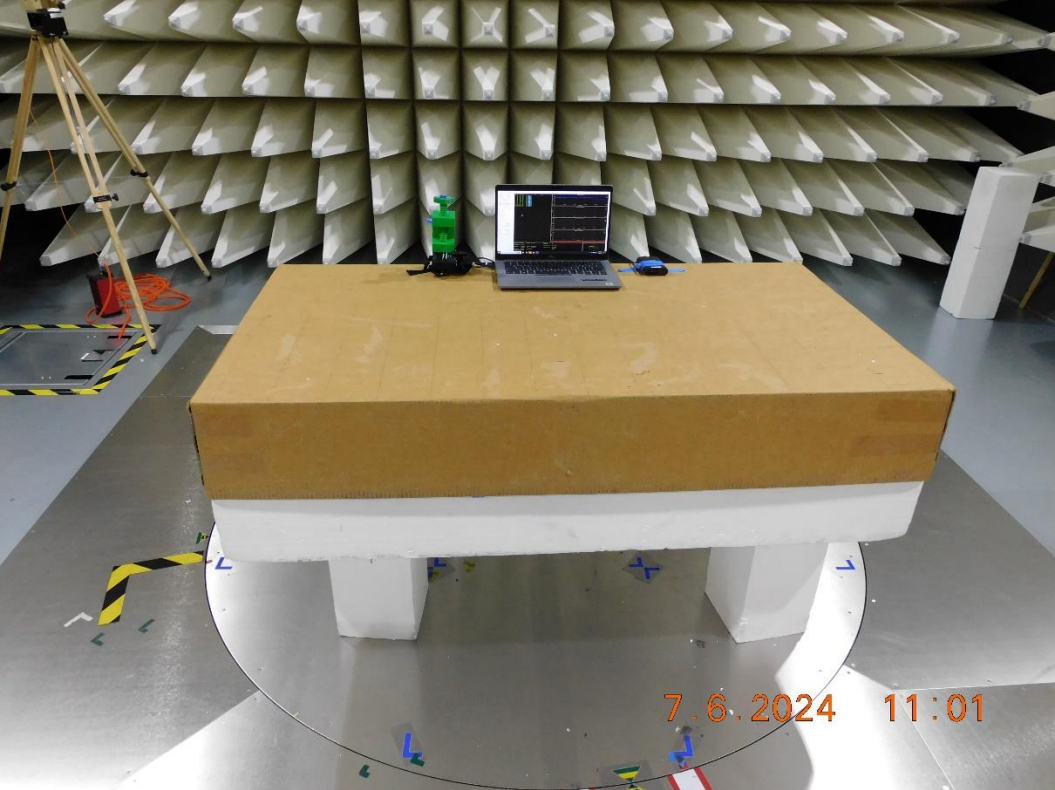


Figure RE10.2: EUT test setup, first view (X orientation)

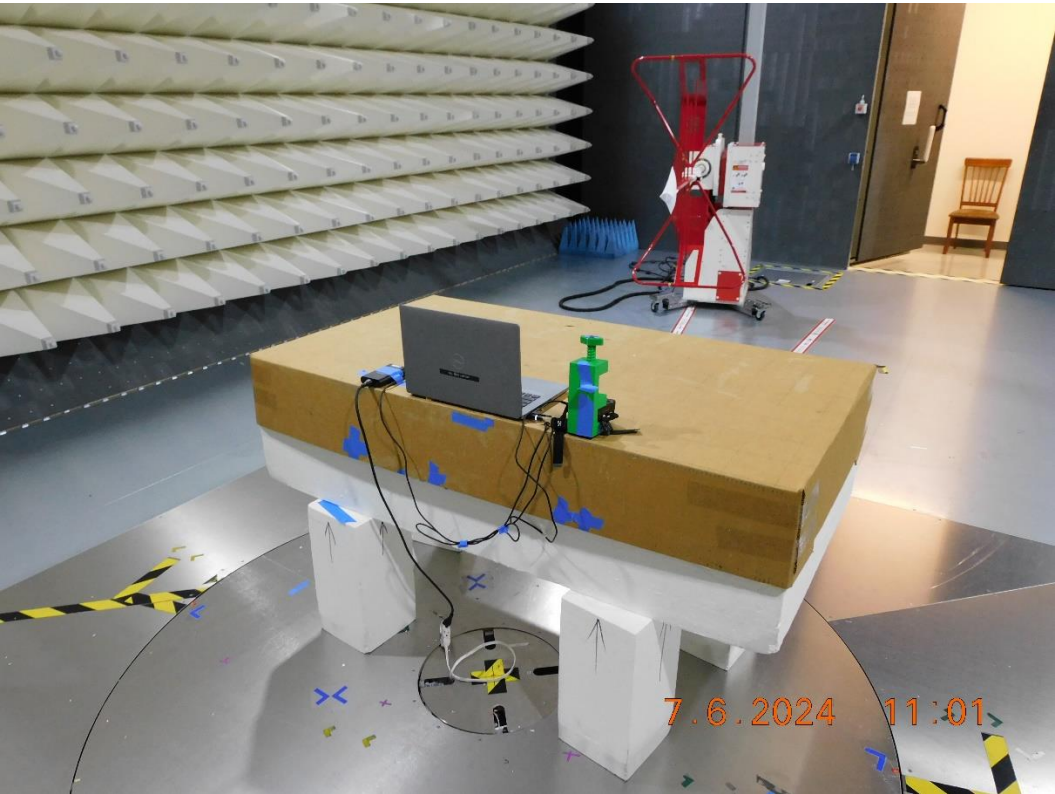


Figure RE10.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 18 of GCL Test Report 2024-122.



Figure RE11.2: EUT test setup, first view (X orientation)

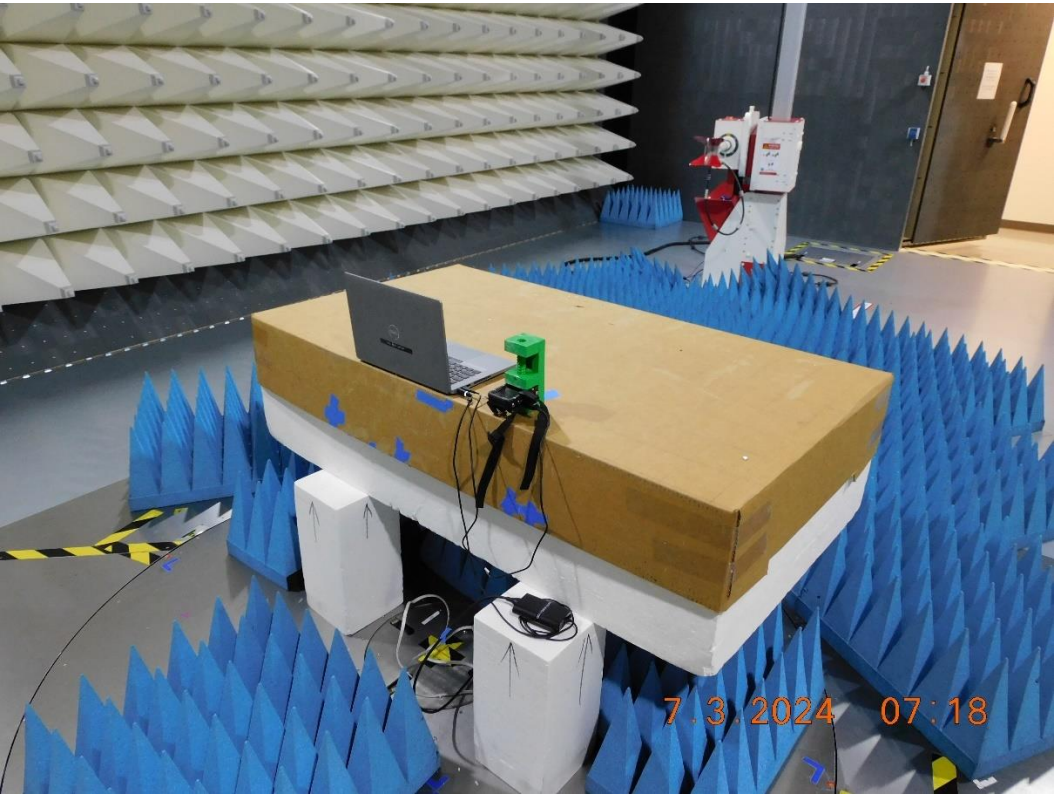


Figure RE11.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 21 of GCL Test Report 2024-122.

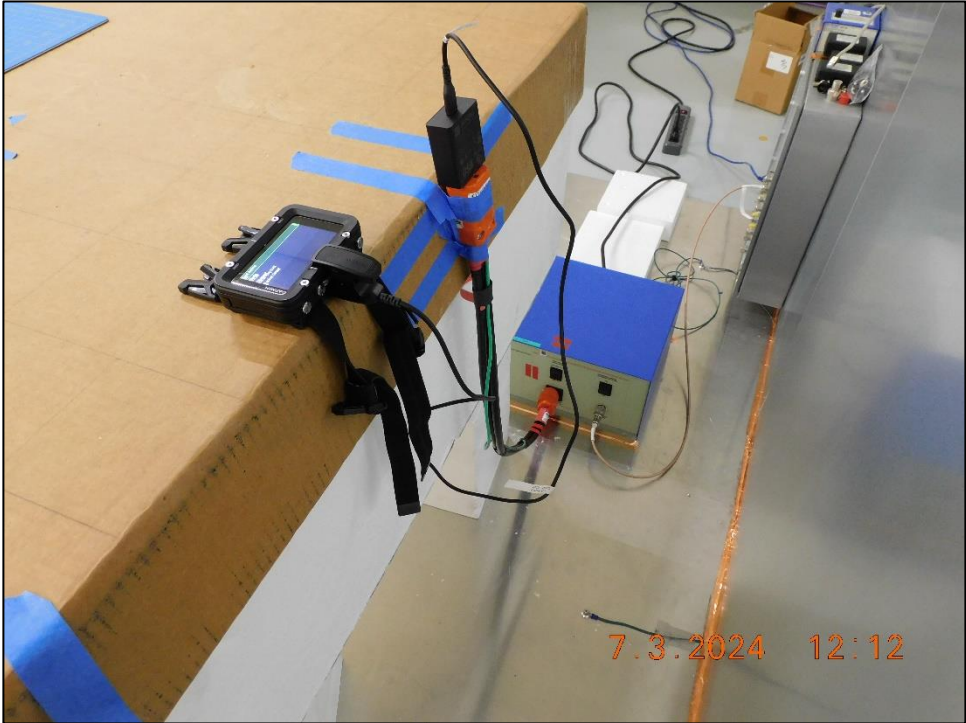


Figure CE05.2: Test setup, first view

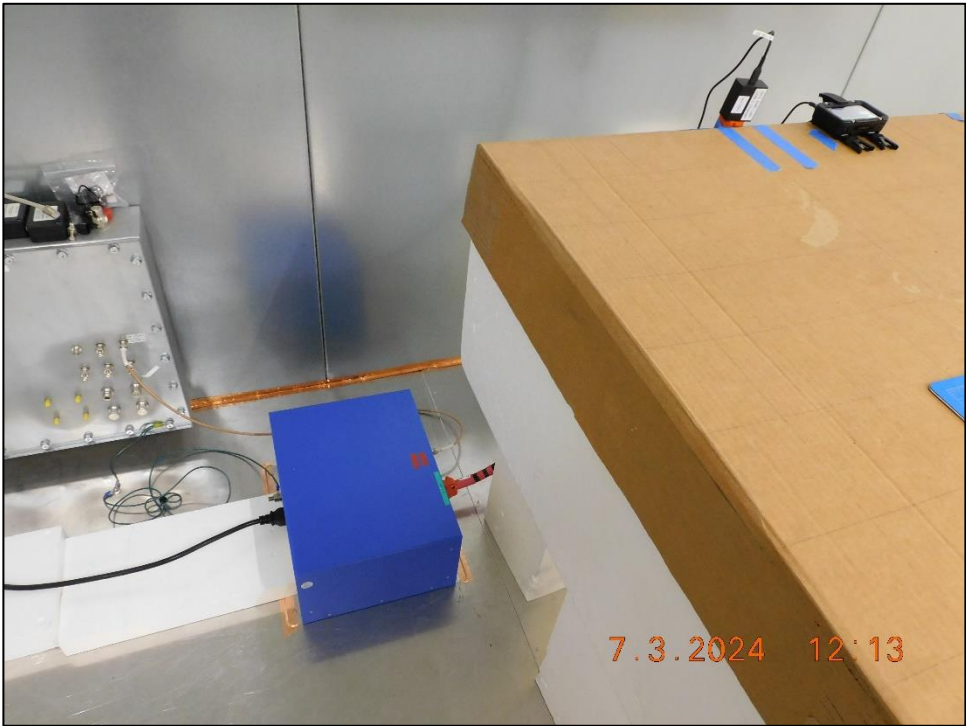


Figure CE05.3: Test setup, second view

The following material would have appeared on or near page 48 of GCL Test Report 2024-123.



Figure RE01.21: EUT test setup, primary view

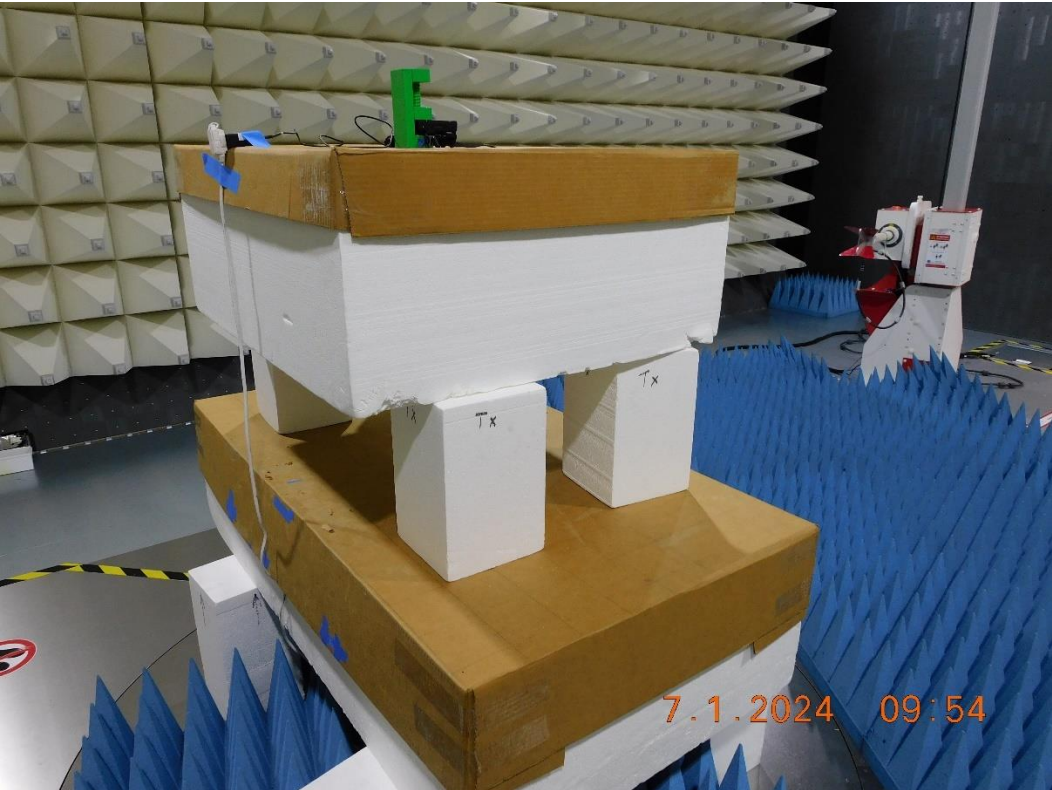


Figure RE01.22: EUT test setup, reverse view

The following material would have appeared on or near page 55 of GCL Test Report 2024-123.

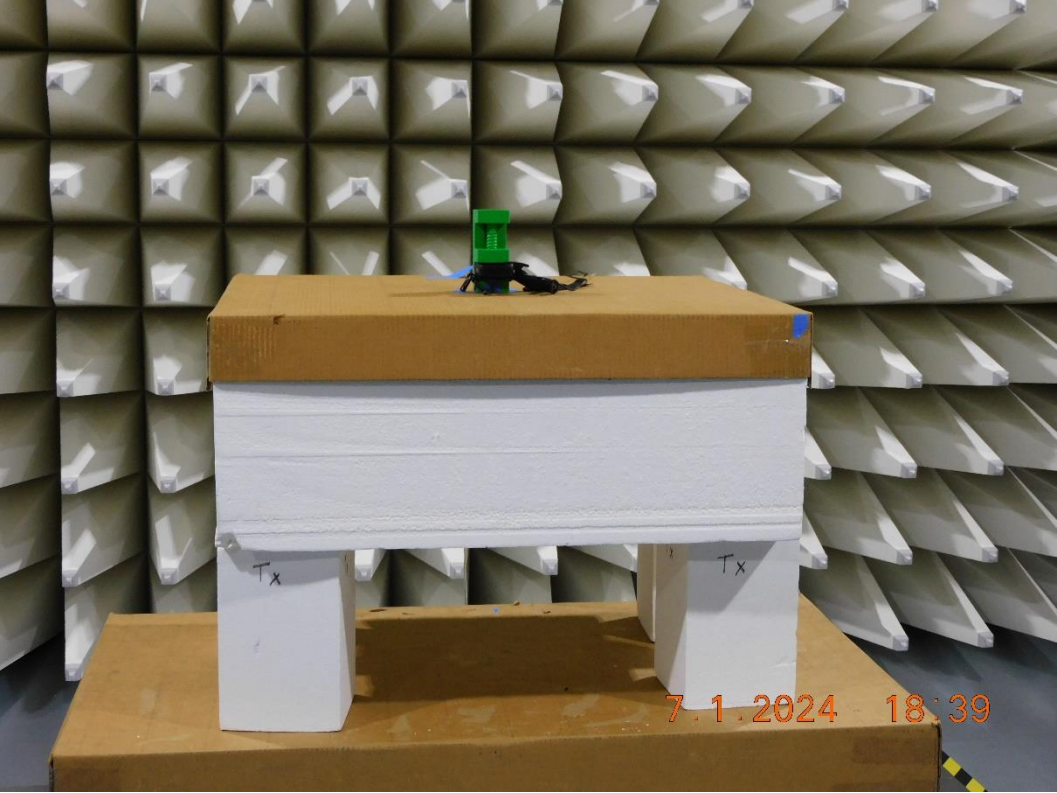


Figure RE03.7: EUT test setup, primary view

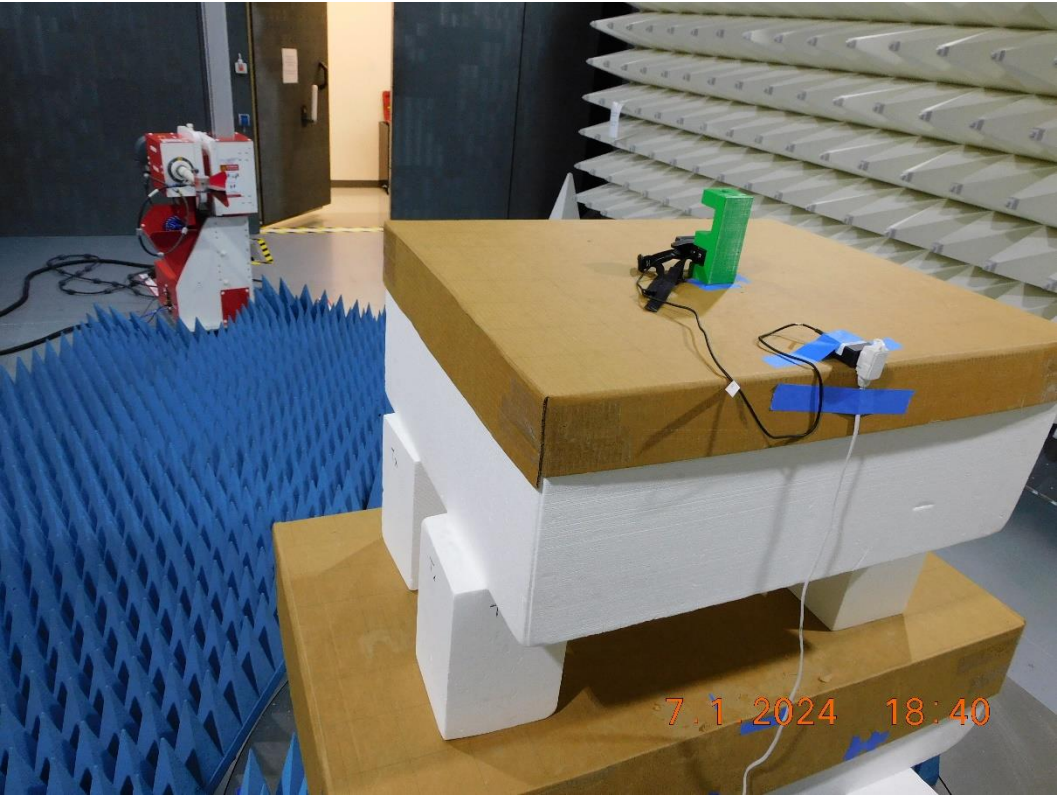


Figure RE03.8: EUT test setup, reverse view

The following material would have appeared on or near page 69 of GCL Test Report 2024-123.

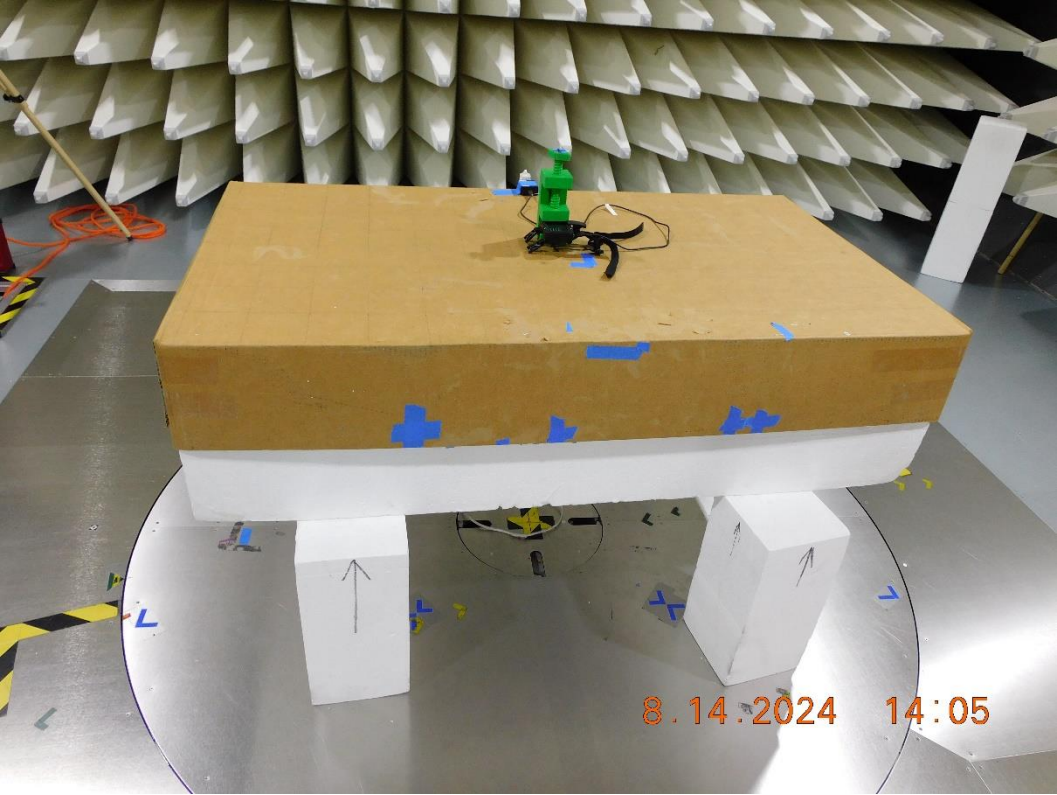


Figure RE30.2: EUT test setup, first view (Antenna X POL)

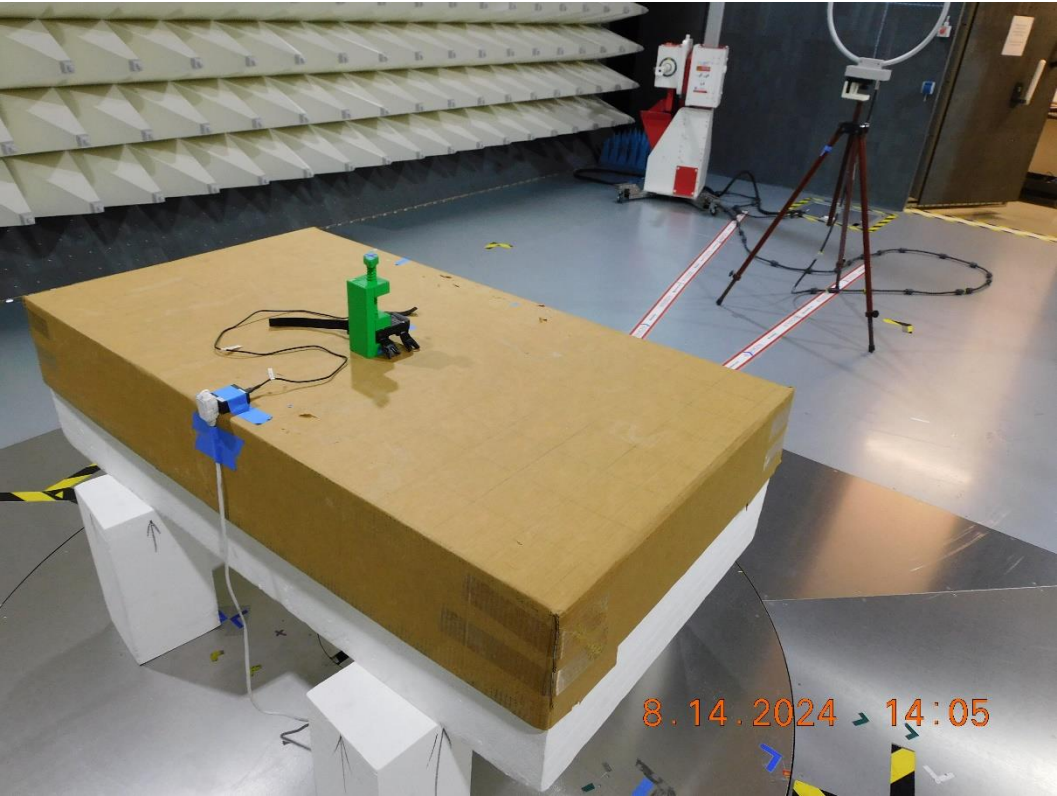


Figure RE30.3: EUT test setup, second view (Antenna X POL)

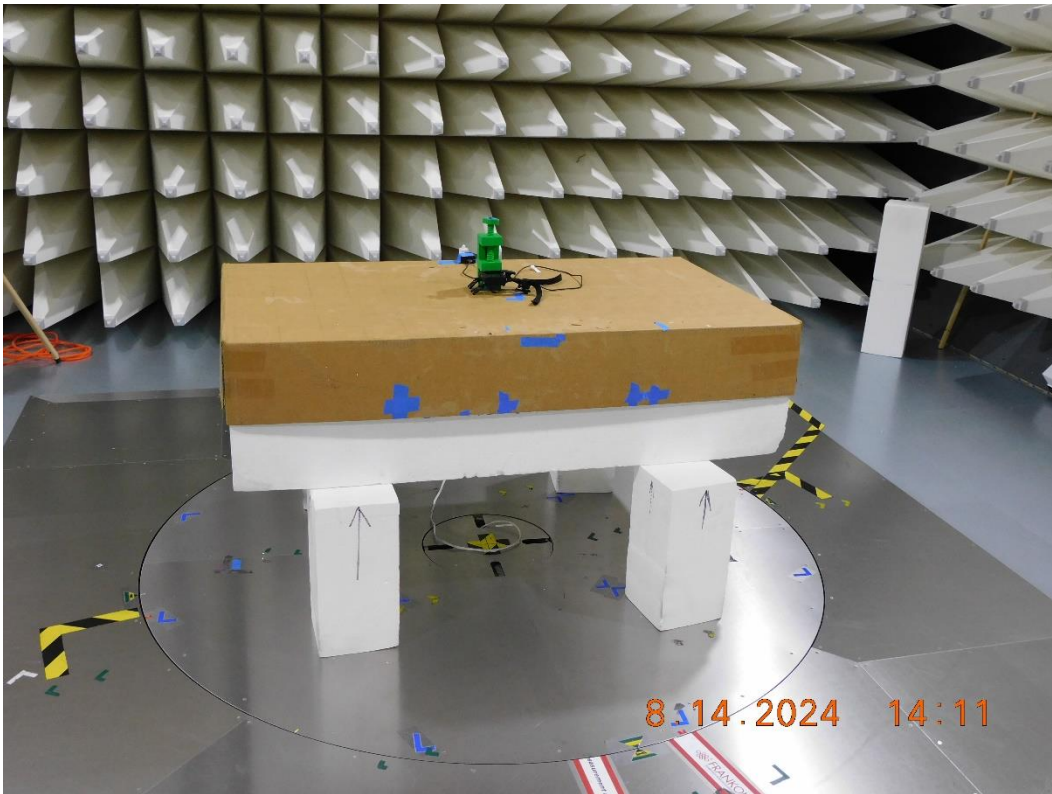


Figure RE30.4: EUT test setup, first view (Antenna Y POL)

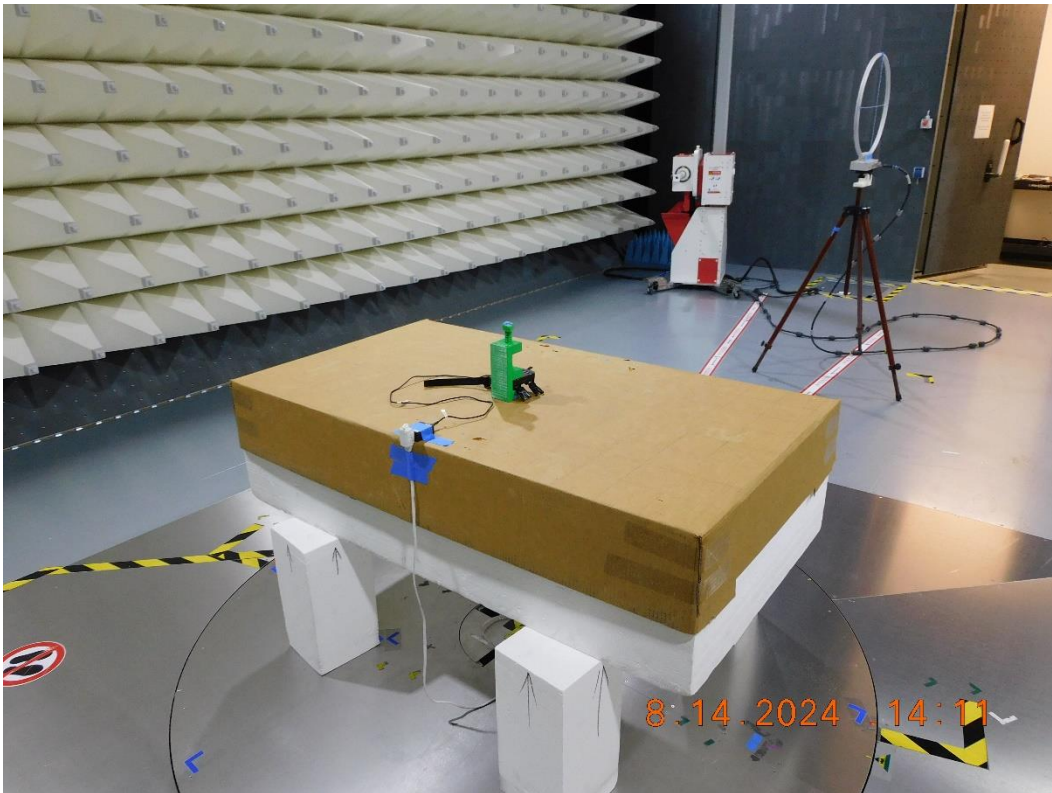


Figure RE30.5: EUT test setup, second view (Antenna Y POL)



Figure RE30.6: EUT test setup, first view (Antenna Z POL)

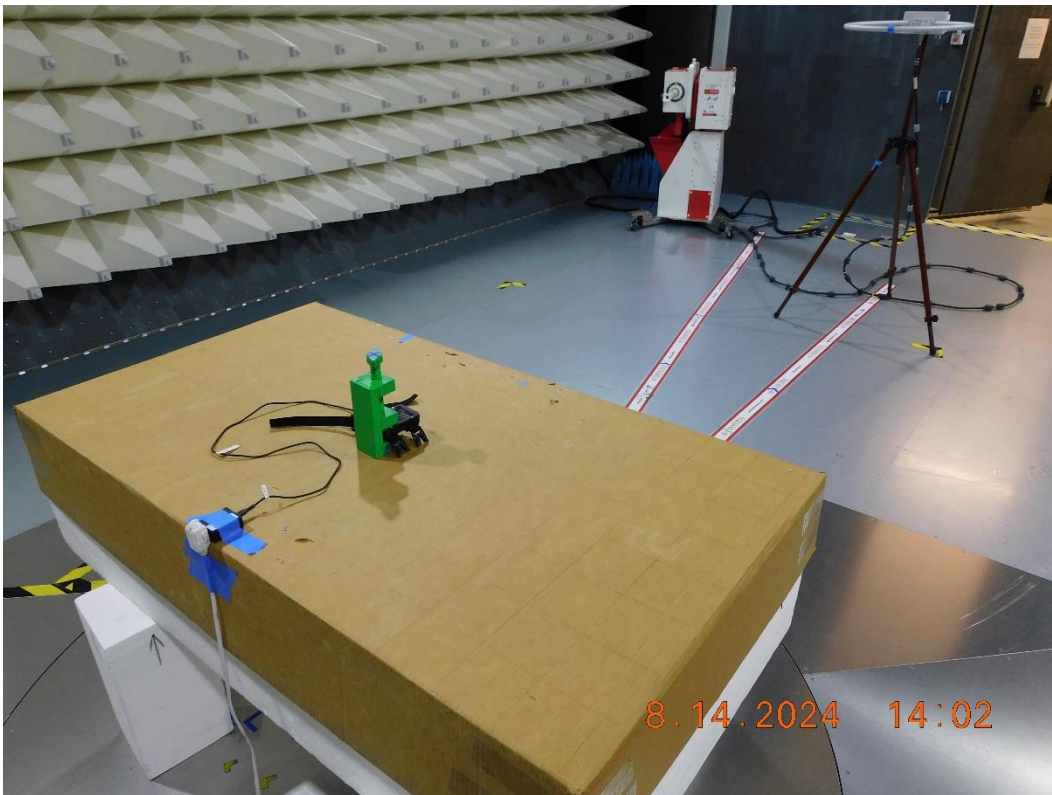


Figure RE30.7: EUT test setup, second view (Antenna Z POL)

The following material would have appeared on or near page 76 of GCL Test Report 2024-123.



Figure RE32.2: EUT test setup, first view

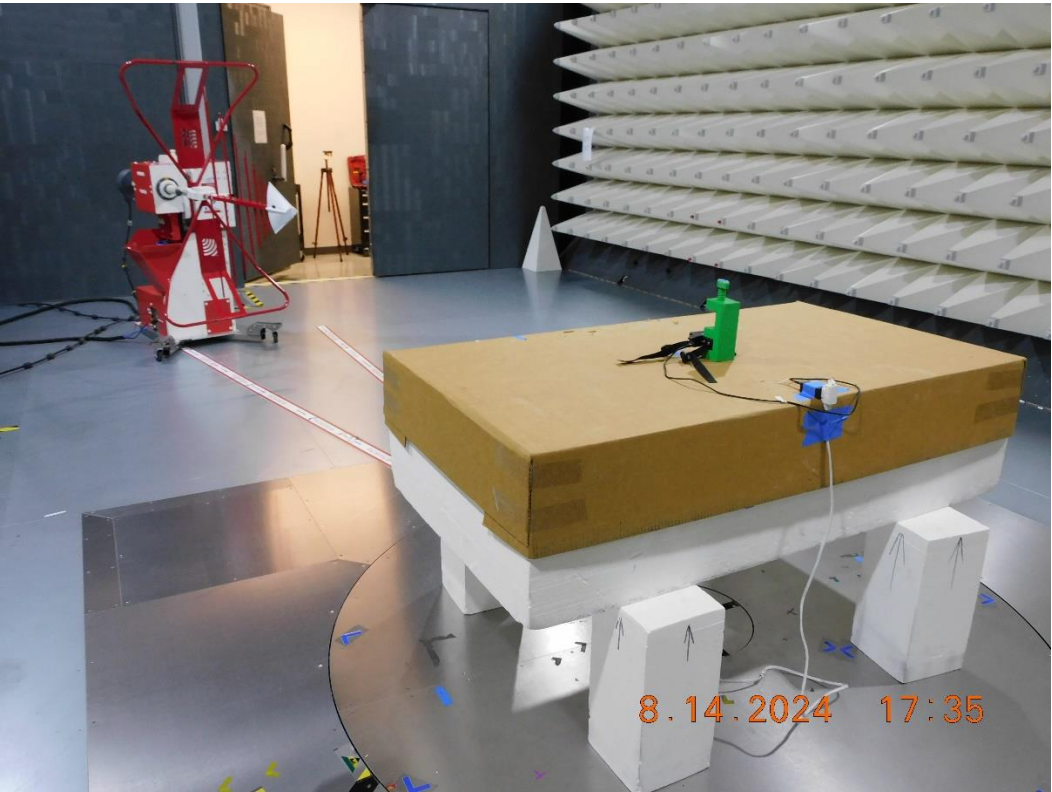


Figure RE32.3: EUT test setup, second view

The following material would have appeared on or near page 79 of GCL Test Report 2024-123.

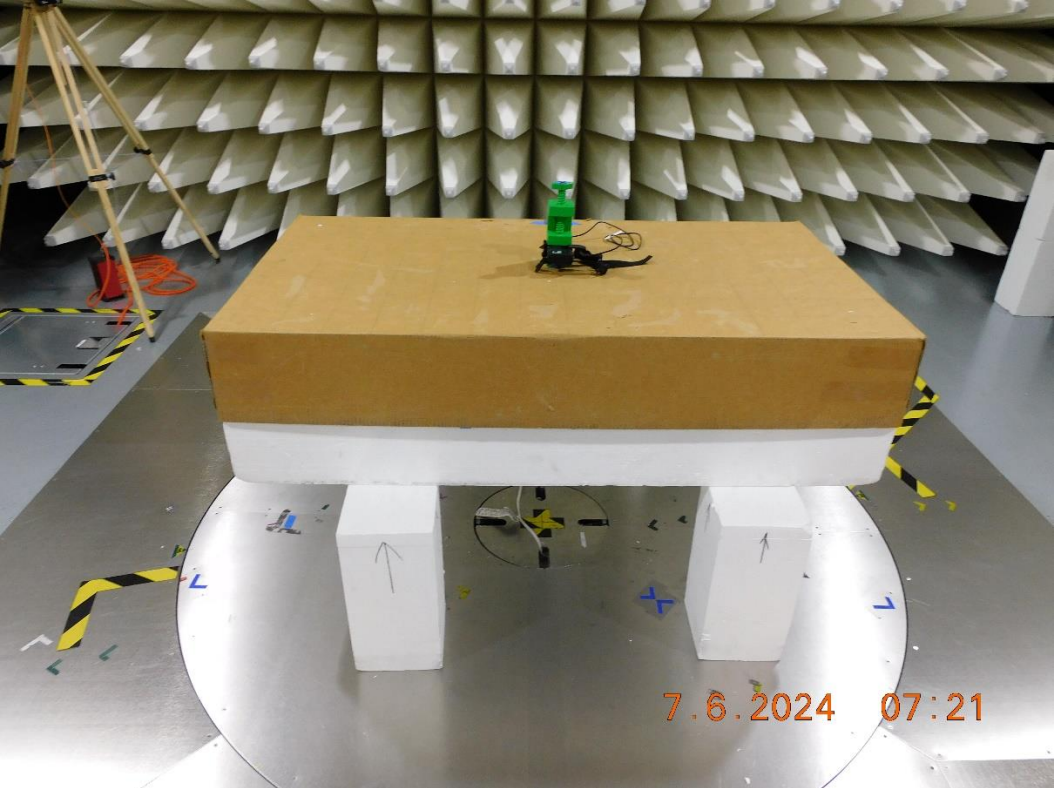


Figure RE08.2: EUT test setup, first view (X orientation)

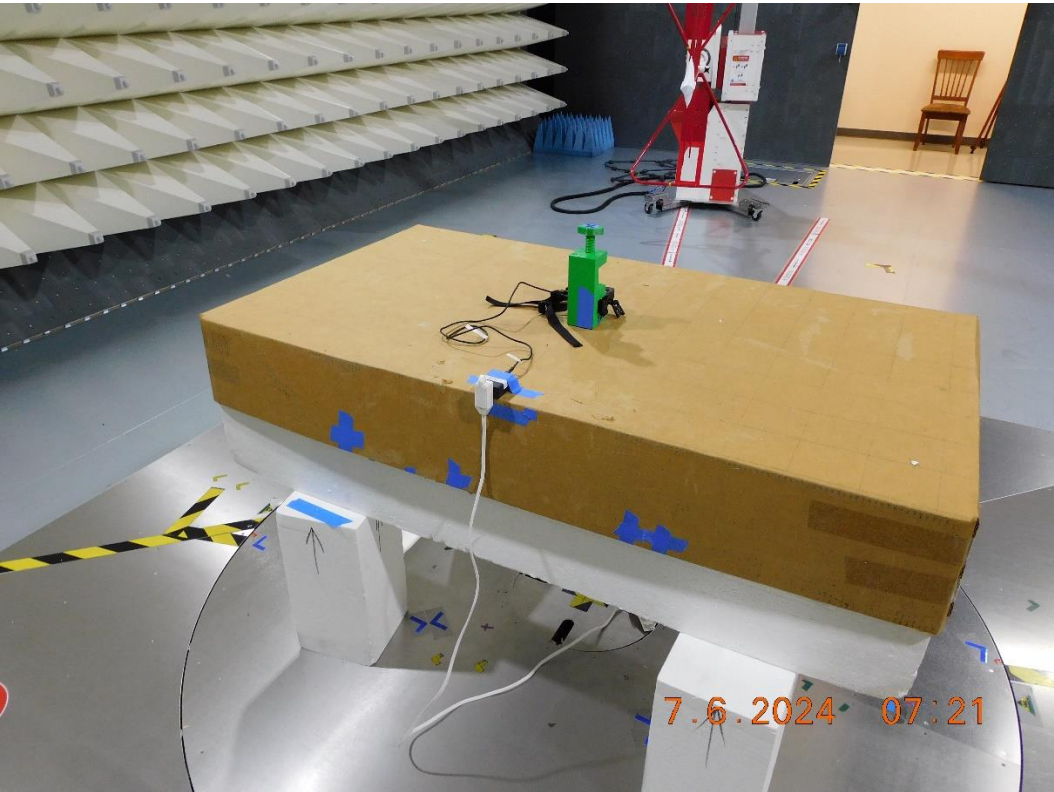


Figure RE08.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 85 of GCL Test Report 2024-123.

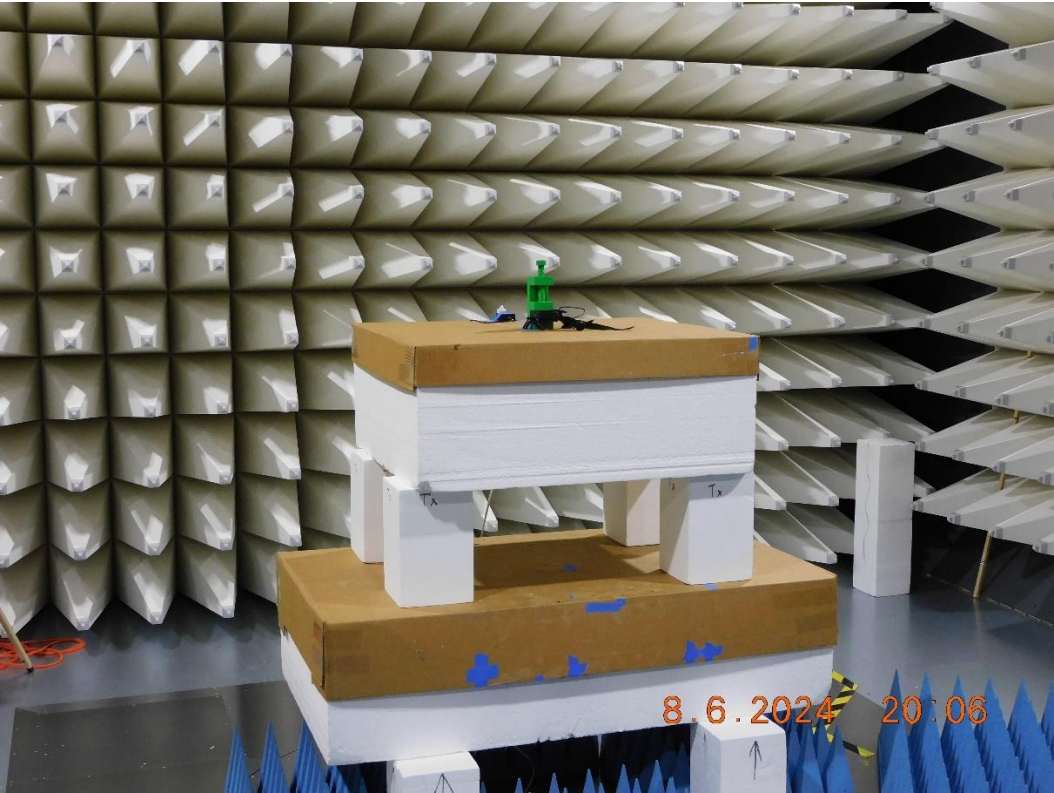


Figure RE33.7: EUT test setup, first view (X orientation)

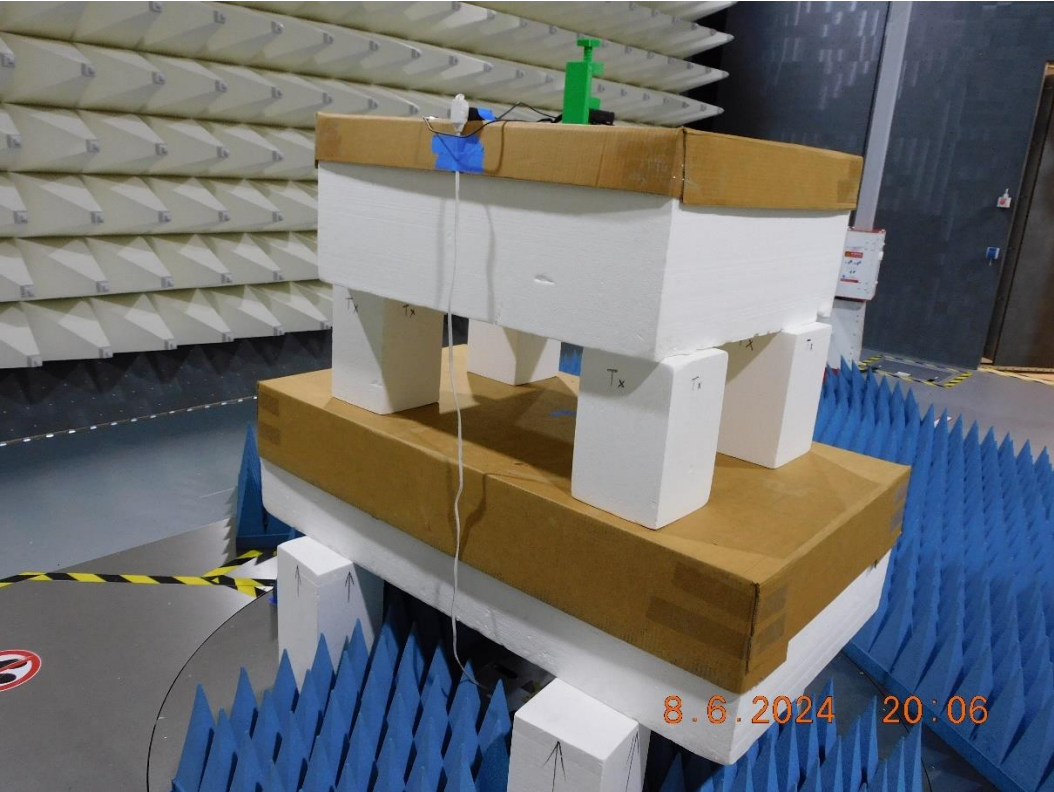


Figure RE33.8: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 94 of GCL Test Report 2024-123.

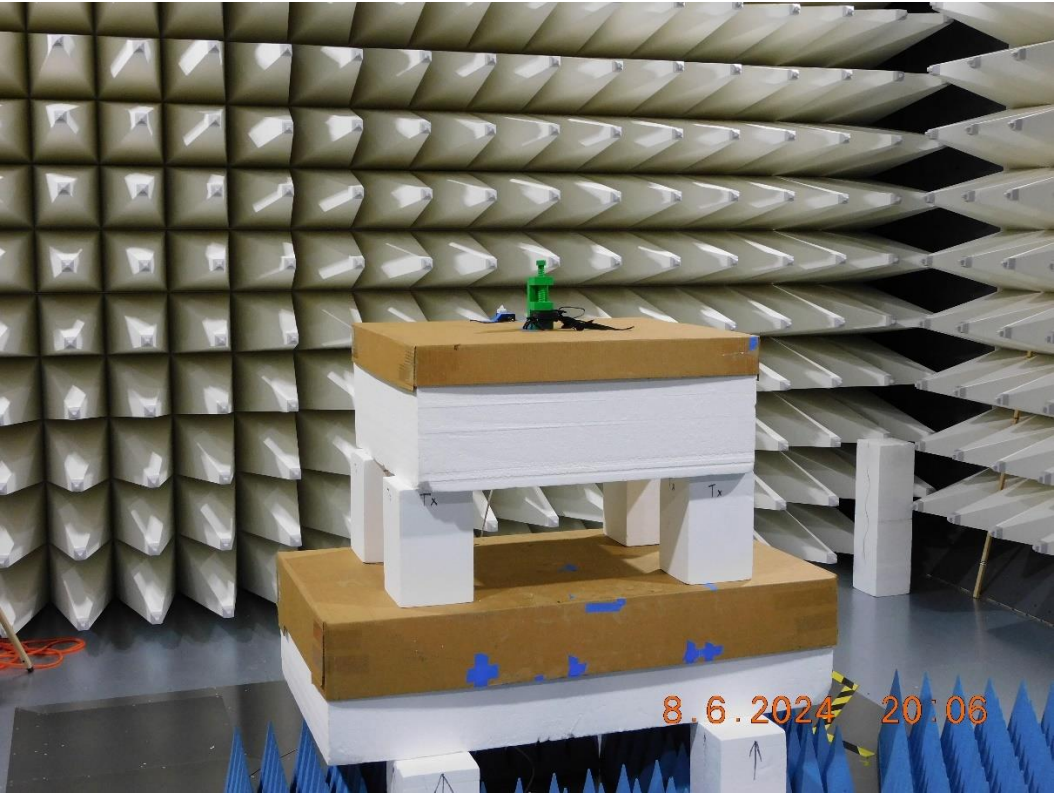


Figure RE34.9: EUT test setup, first view (X orientation)

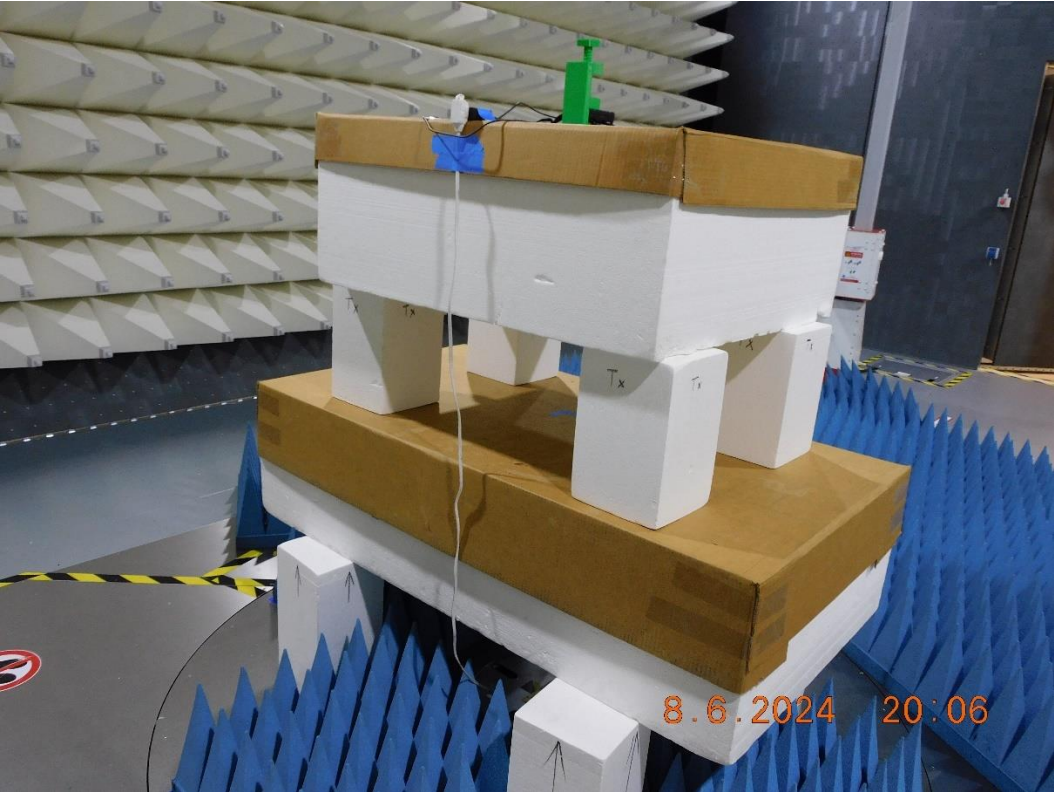


Figure RE34.10: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 102 of GCL Test Report 2024-123.

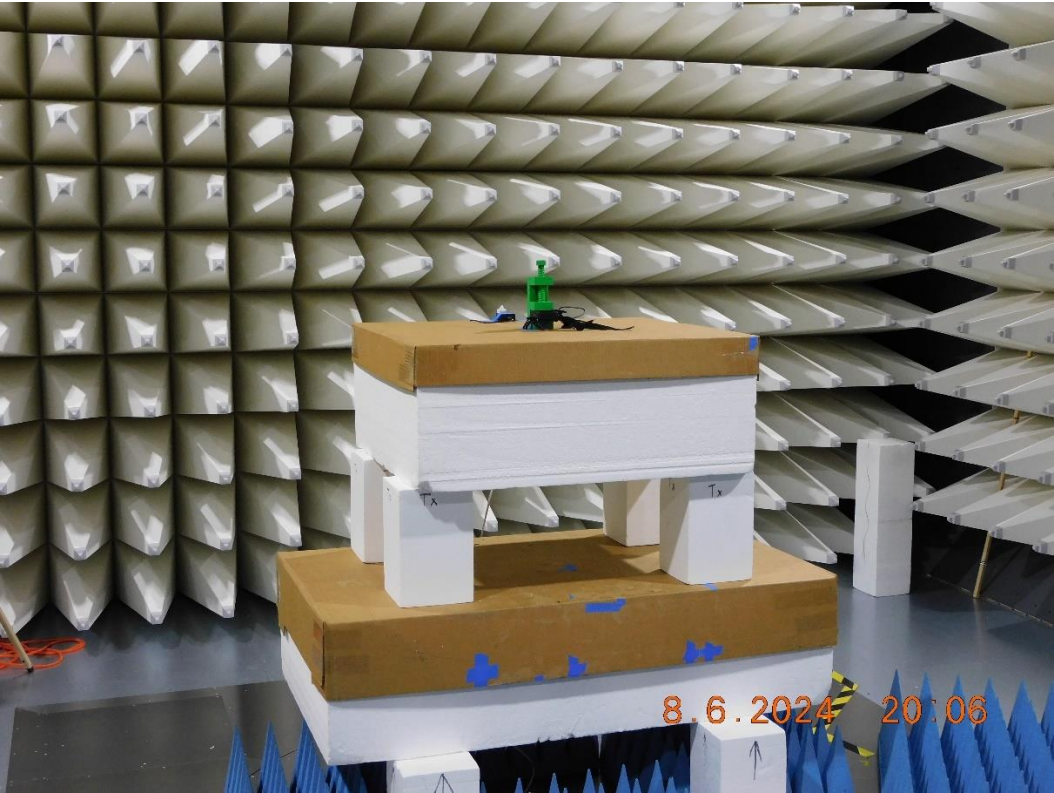


Figure RE35.9: EUT test setup, first view (X orientation)

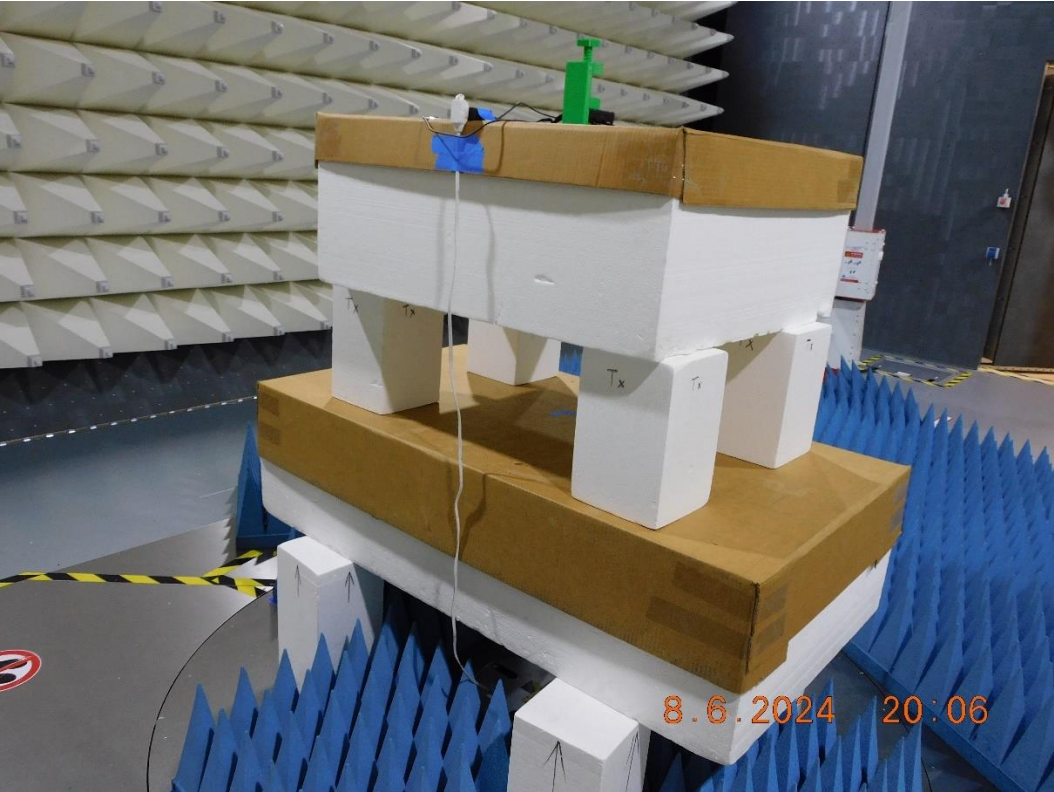


Figure RE35.10: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 105 of GCL Test Report 2024-123.

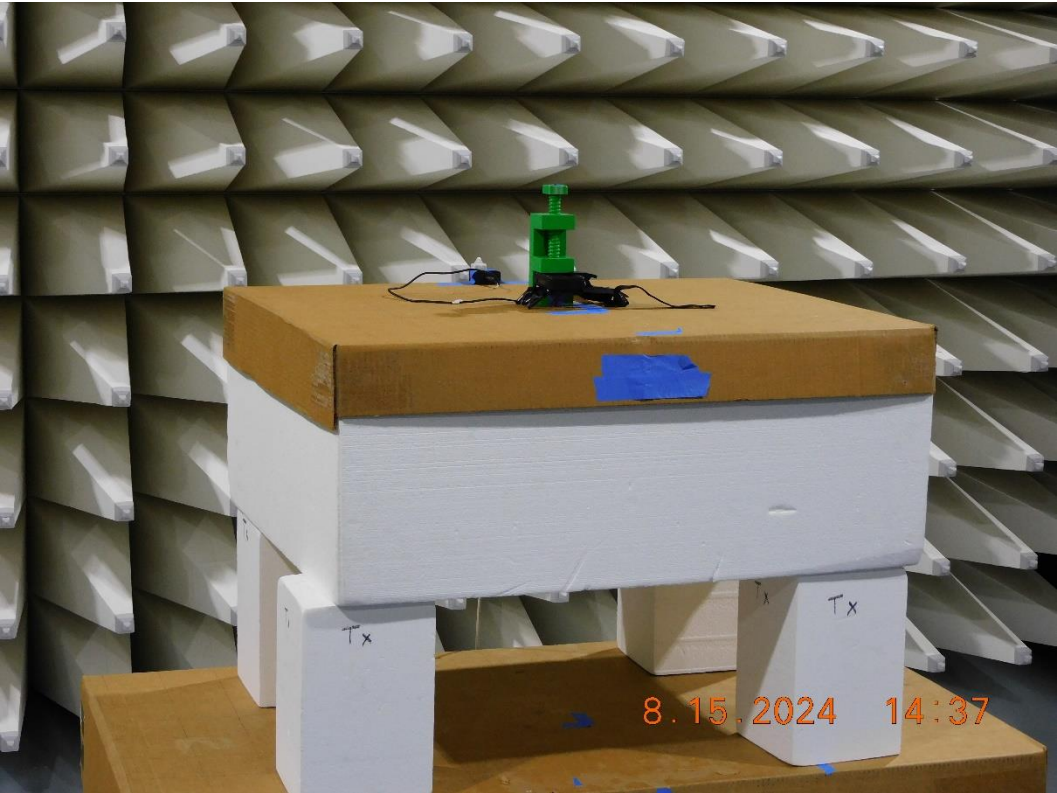


Figure RE36.2: EUT test setup, first view

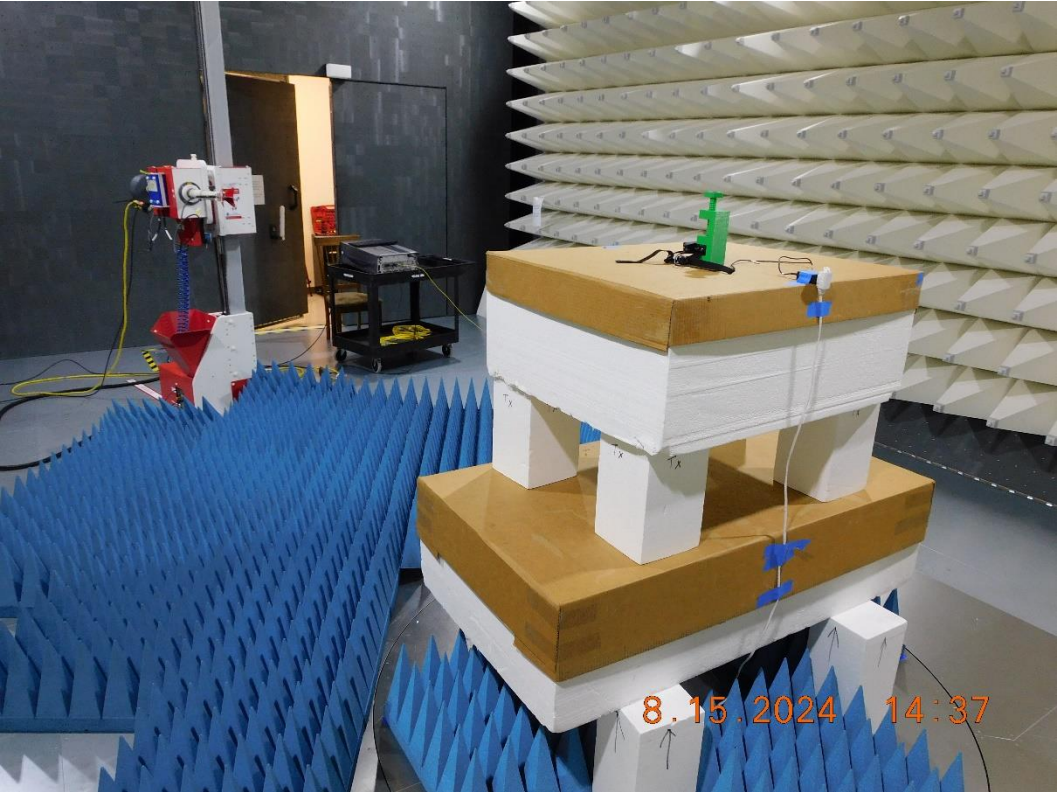


Figure RE36.3: EUT test setup, second view

The following material would have appeared on or near page 108 of GCL Test Report 2024-123.

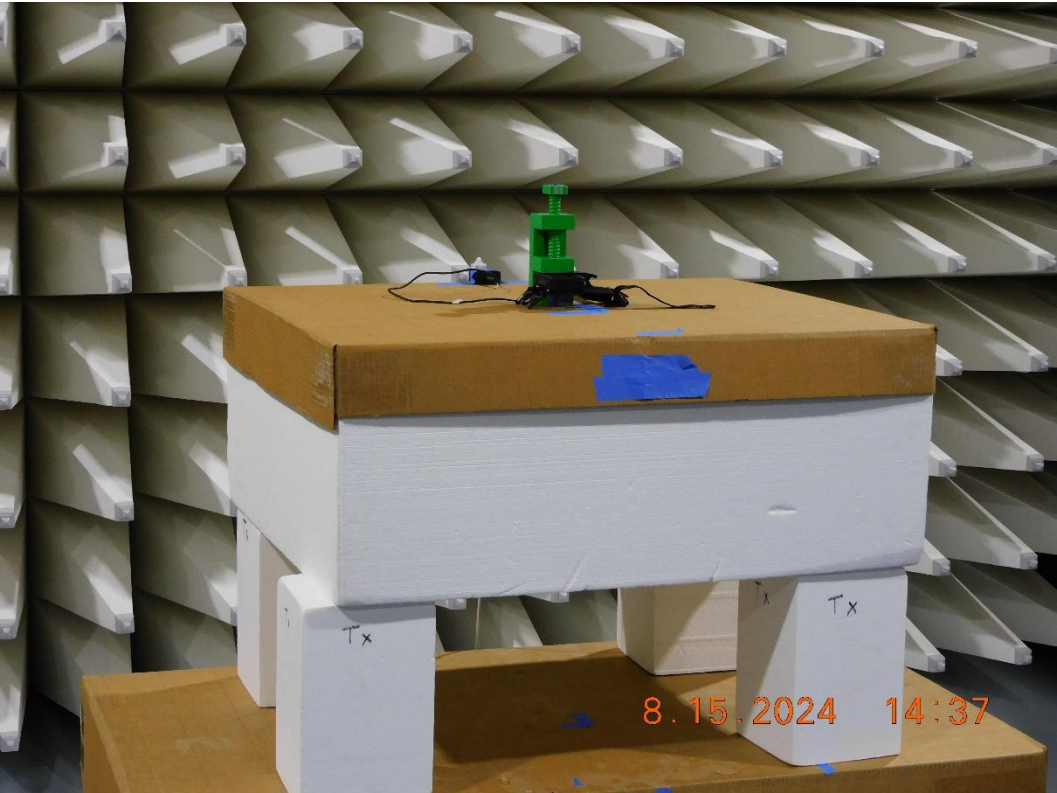


Figure RE37.2: EUT test setup, first view

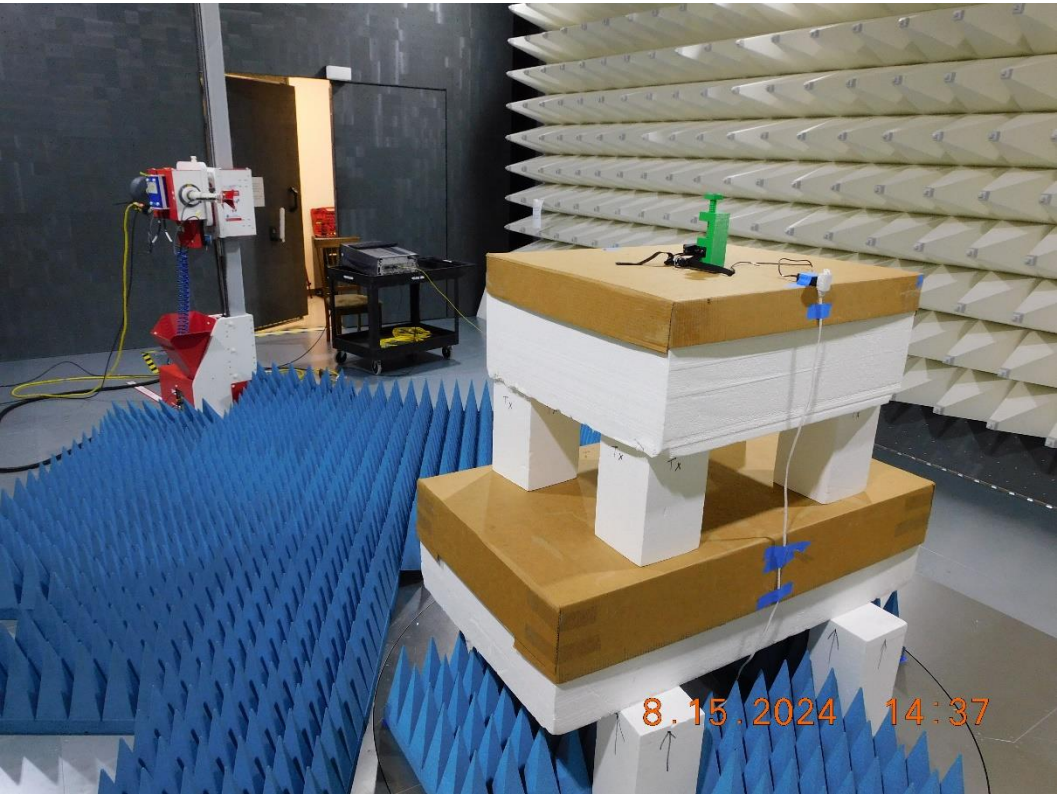


Figure RE37.3: EUT test setup, second view

The following material would have appeared on or near page 111 of GCL Test Report 2024-123.

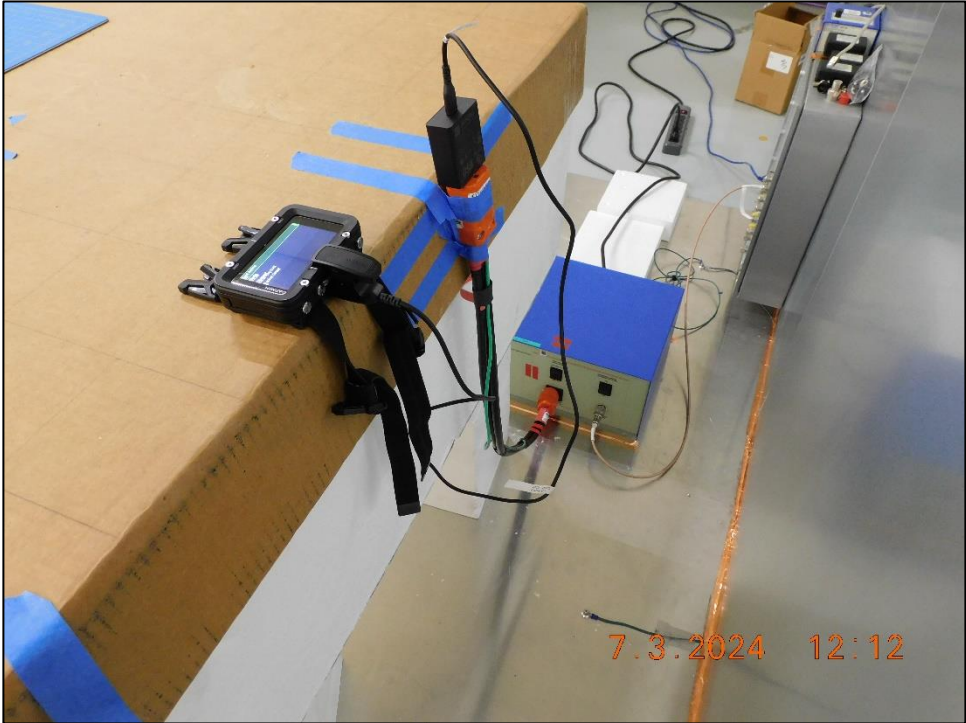


Figure CE01.2: Test setup, first view

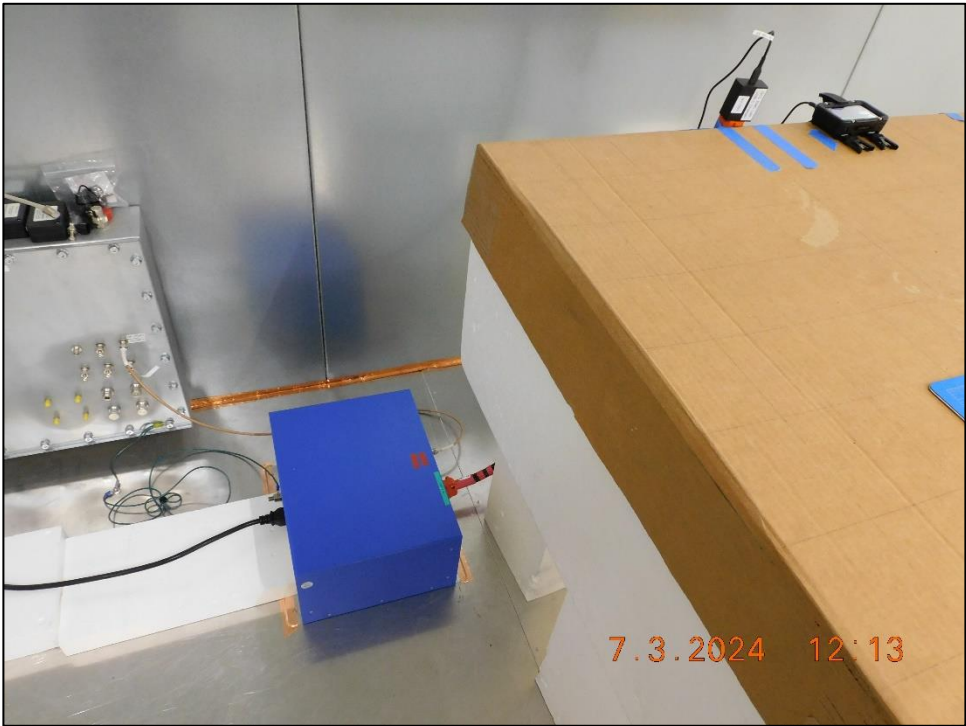


Figure CE01.3: Test setup, second view

The following material would have appeared on or near page 114 of GCL Test Report 2024-123.

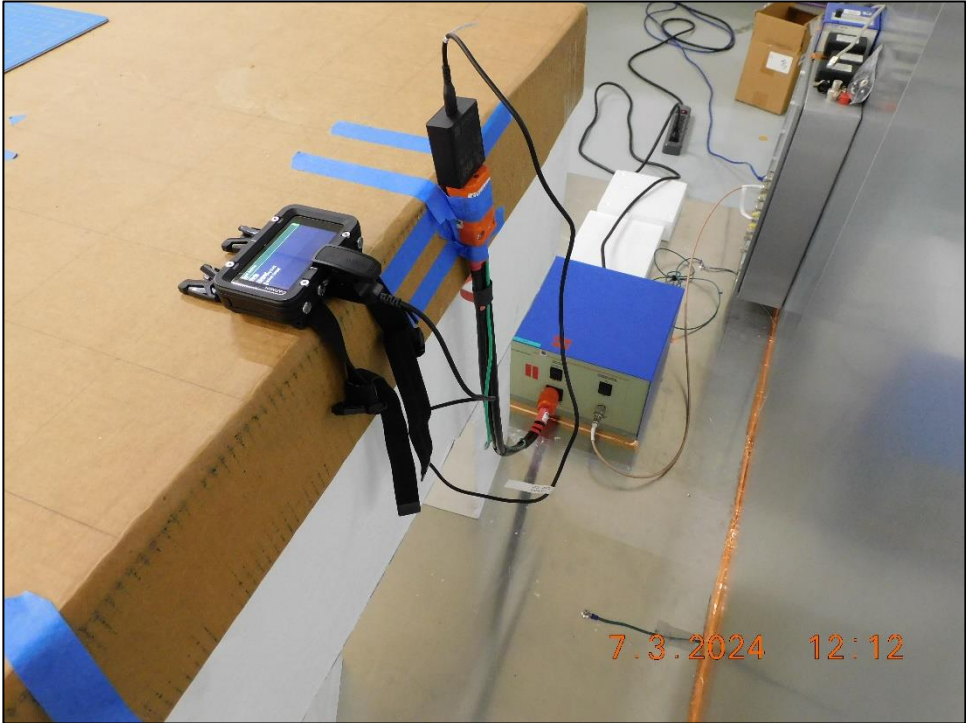


Figure CE03.2: Test setup, first view

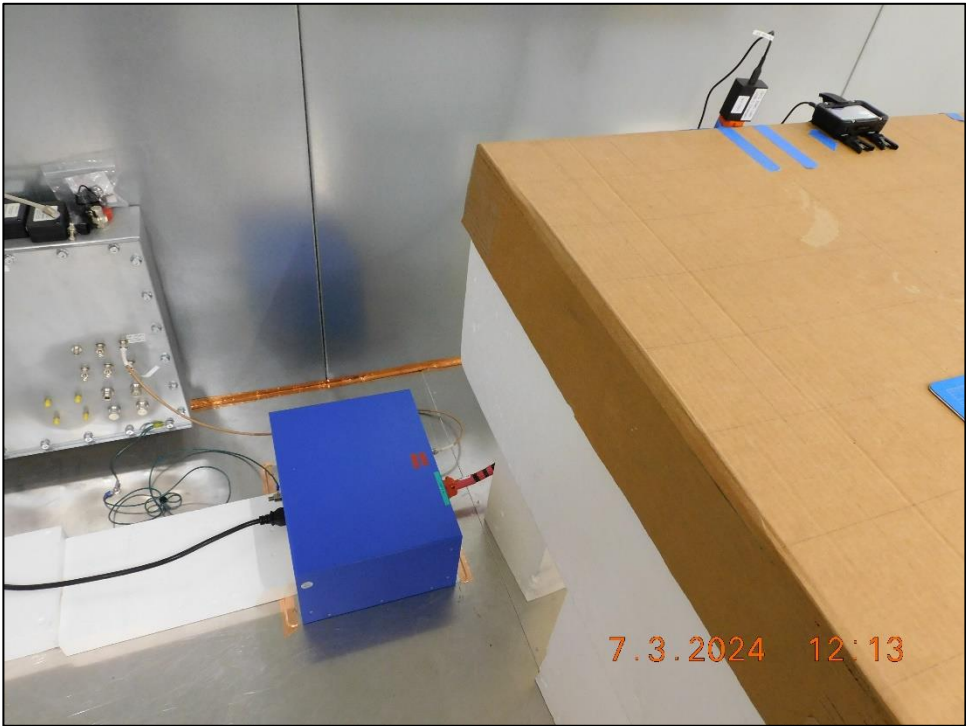


Figure CE03.3: Test setup, second view

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.

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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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