

# Test Report 2024-174

**Version B**  
**Issued 10 Dec 2024**

**Project GCL-0635**  
**Test Setup Photographs**  
**Model Identifier A04896**  
**Primary Test Standard**

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

## **Garmin Compliance Lab**

Garmin International  
1200 E 151<sup>st</sup> Street  
Olathe Kansas 66062 USA

### **Client-supplied Information**

FCC ID:           IPH-04896  
IC ID:             1792A-04896



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 2024-175, GCL Test Report 2024-177, and GCL Test Report 2024-178 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 151<sup>st</sup> 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 151<sup>st</sup> St, Olathe Kansas, USA.

## 3. Report History and Approval

This report was written by Aditya Prakash and initially issued on 10 Dec 2024 as Version A. On December 17 2024, version B was created to update the 99% occupied bandwidth data.

### Report Technical Review:



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David Arnett  
Technical Lead EMC Engineer

### Report Approval:



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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 2024-177, followed by images from Test Report 2024-178.

The following material would have appeared on or near page 16 of GCL Test Report 2024-177.



Figure TR10.1: Test setup

The following material would have appeared on or near page 31 of GCL Test Report 2024-177.

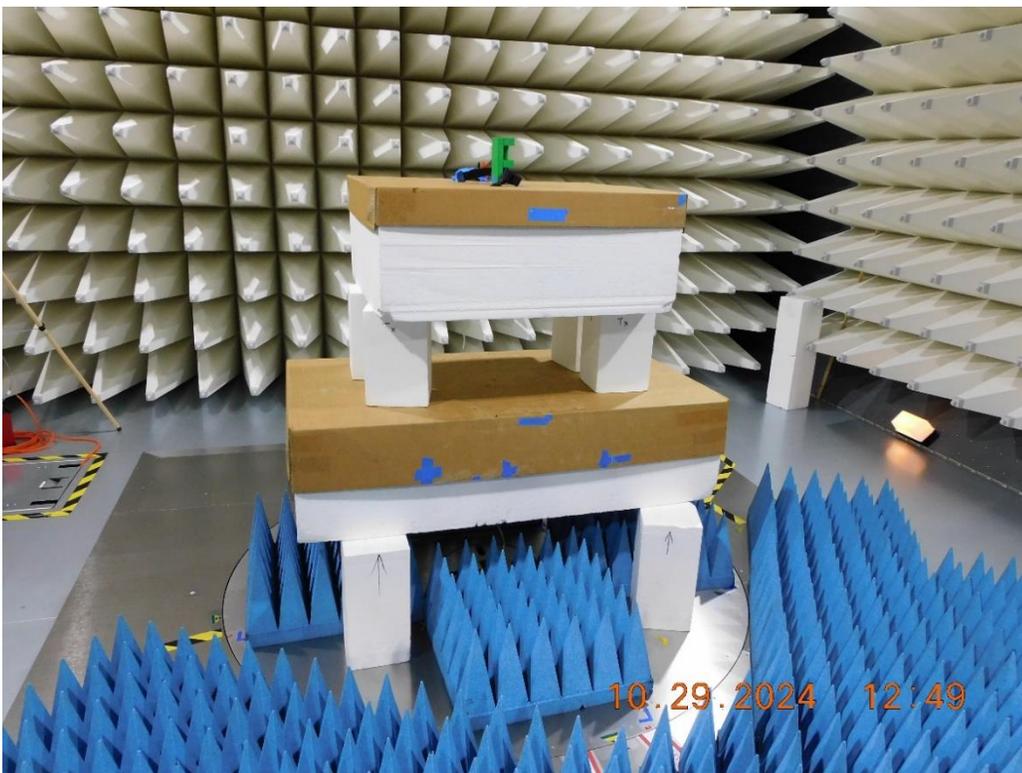


Figure RE03.5: EUT test setup, primary view (X orientation)



Figure RE03.6: EUT test setup, reverse view (X orientation)

The following material would have appeared on or near page 37 of GCL Test Report 2024-177.

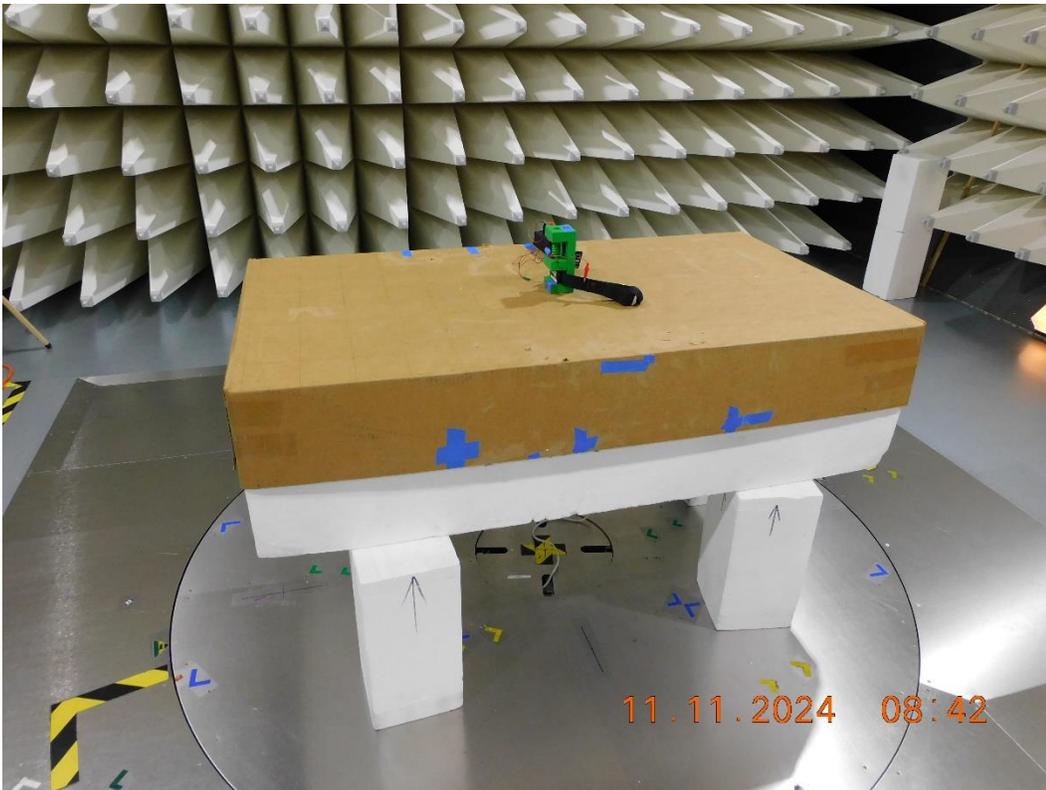


Figure RE20.2: EUT test setup, first view

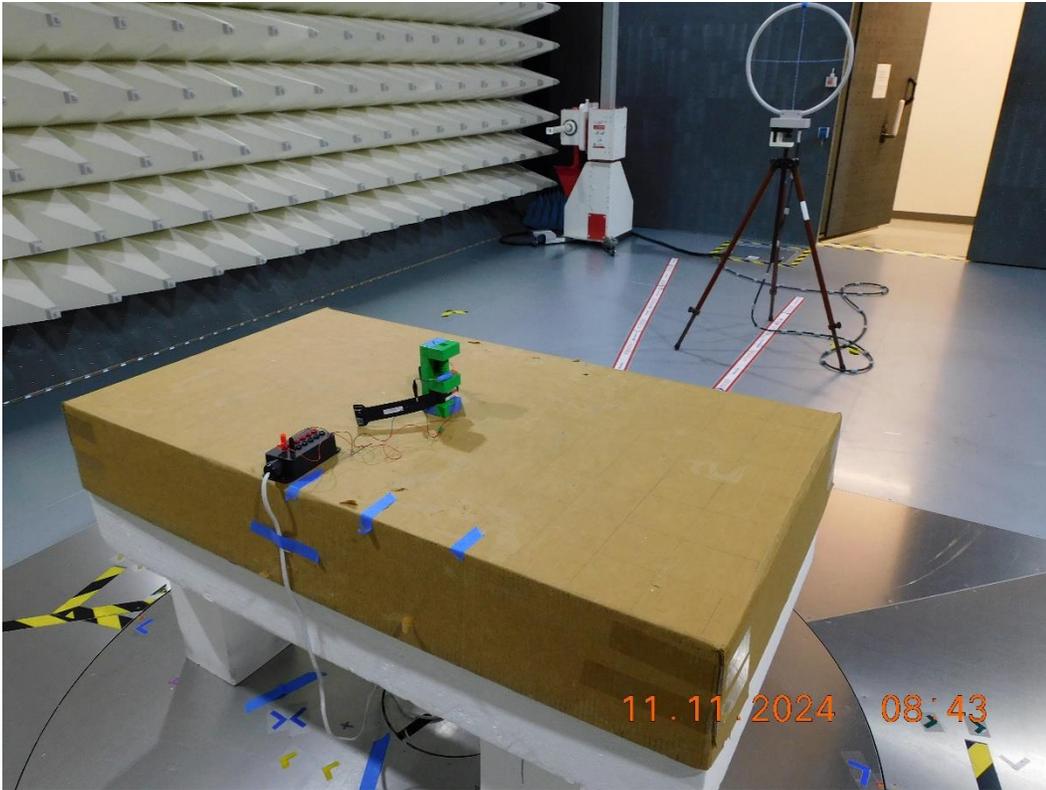


Figure RE20.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 38 of GCL Test Report 2024-177.

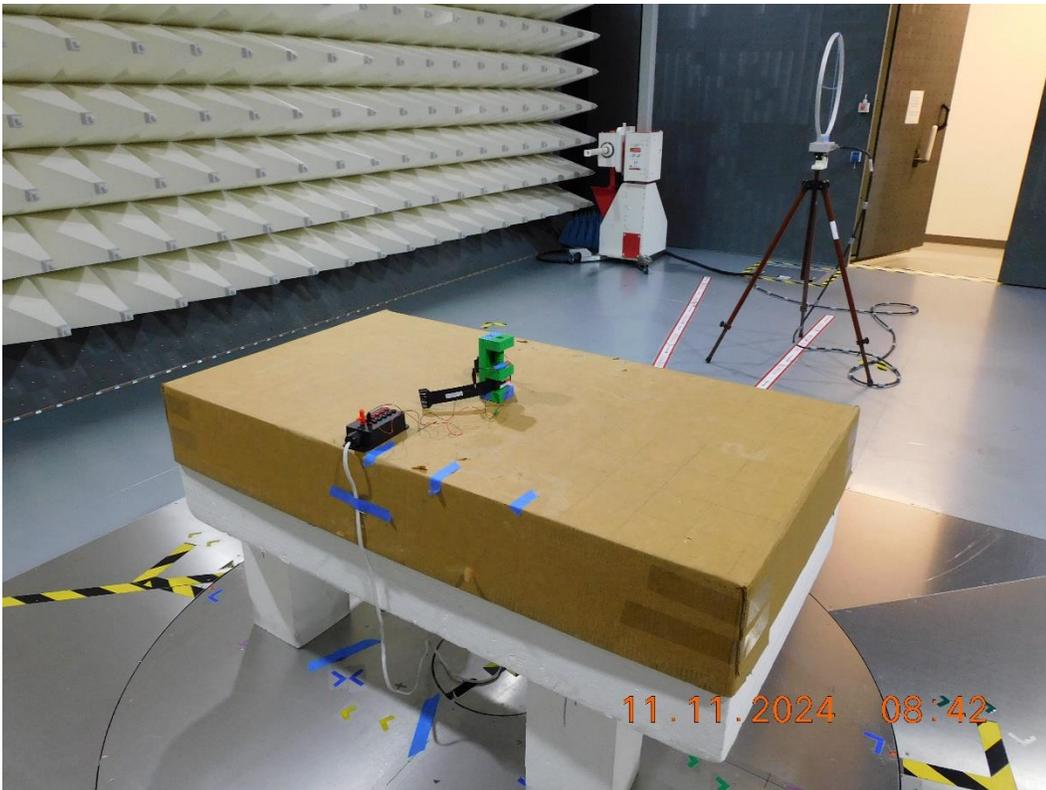


Figure RE20.4: EUT test setup, second view (Y orientation)

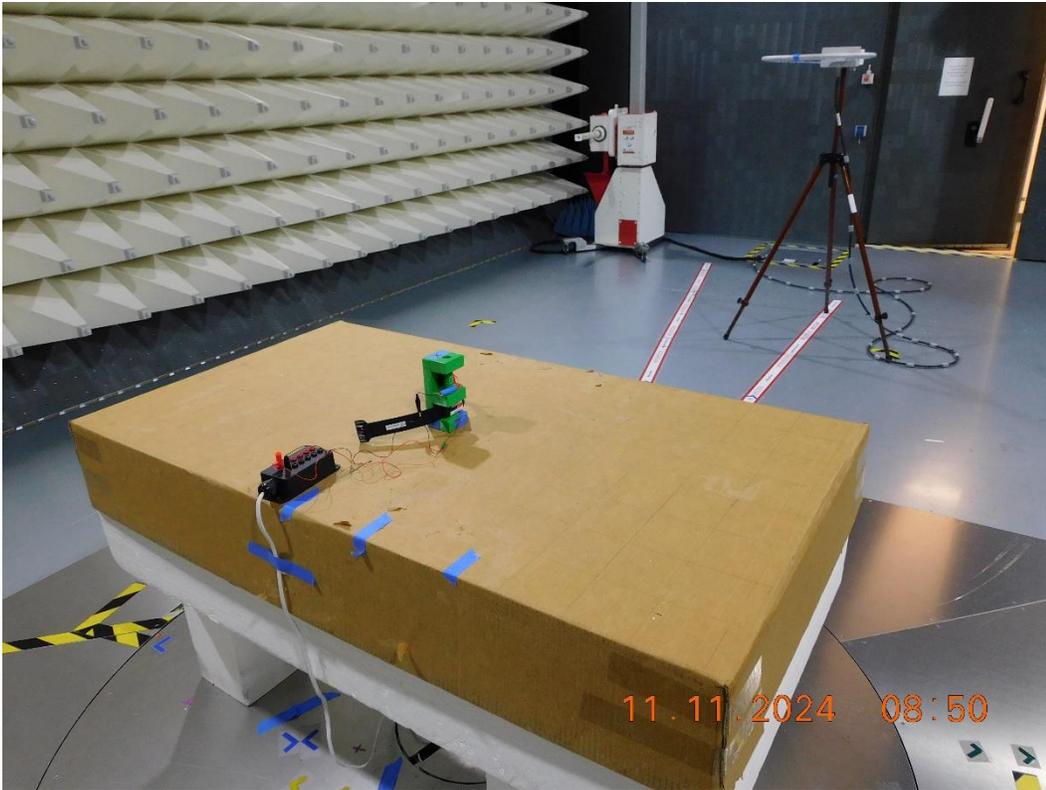


Figure RE20.5: EUT test setup, second view (Z orientation)

The following material would have appeared on or near page 41 of GCL Test Report 2024-177.

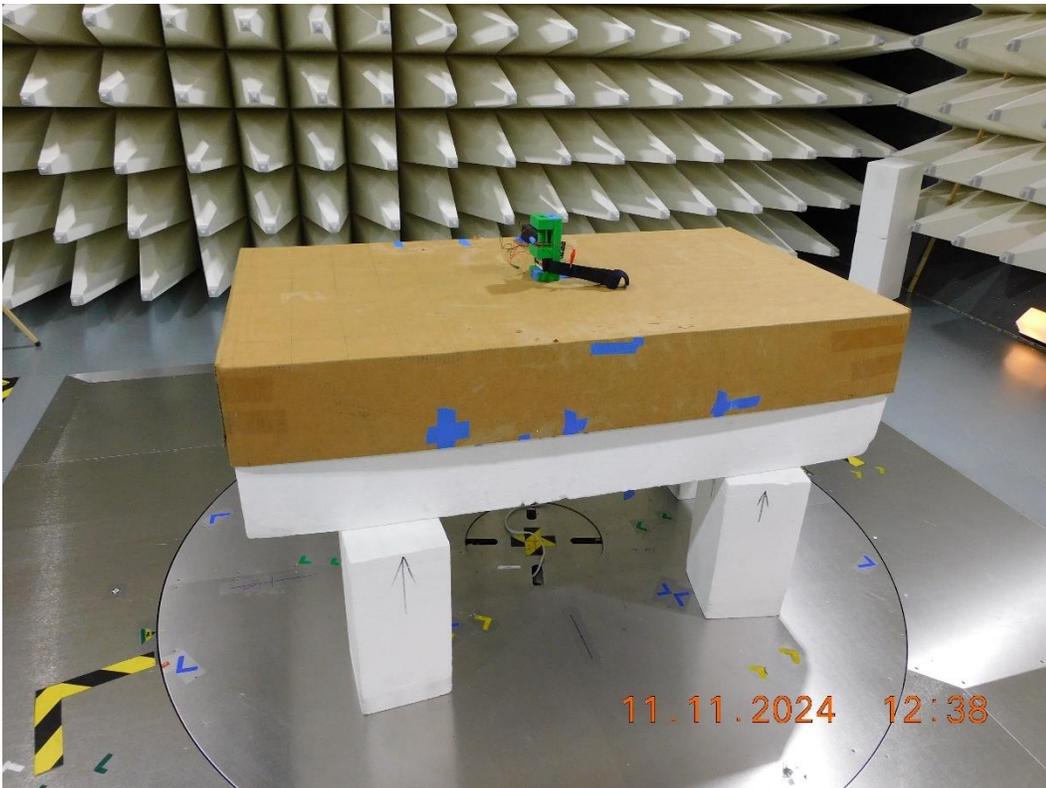


Figure RE41.2: EUT test setup, first view (X orientation)

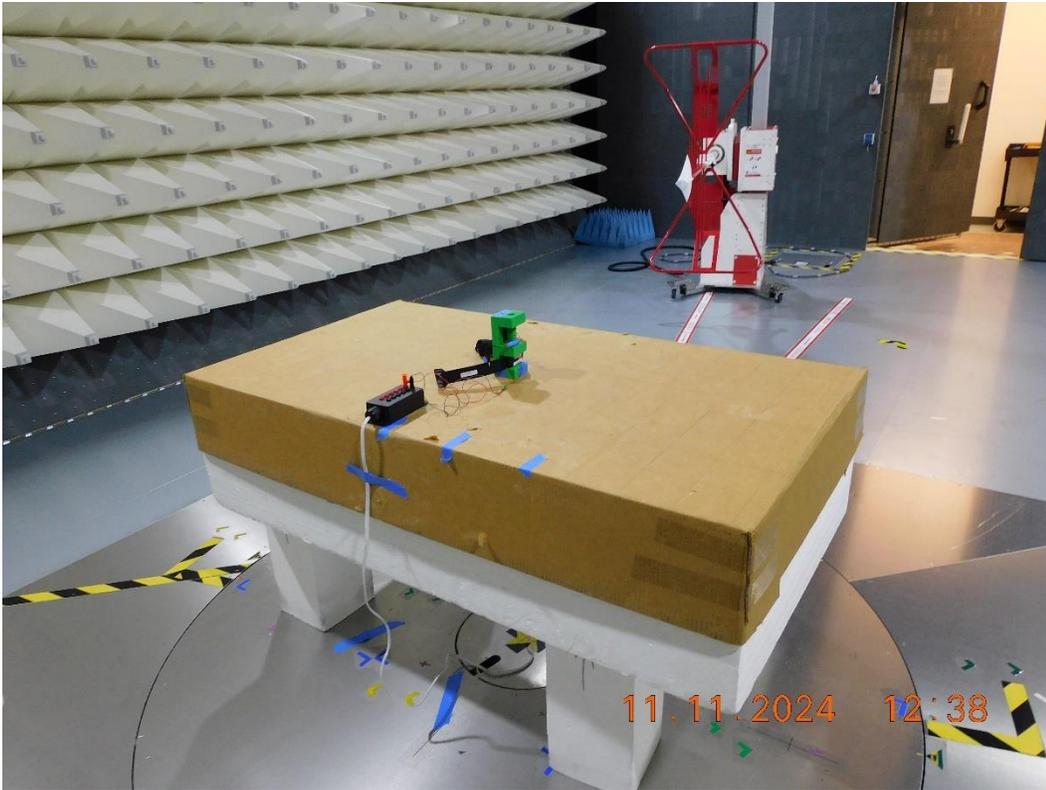


Figure RE41.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 46 of GCL Test Report 2024-177.

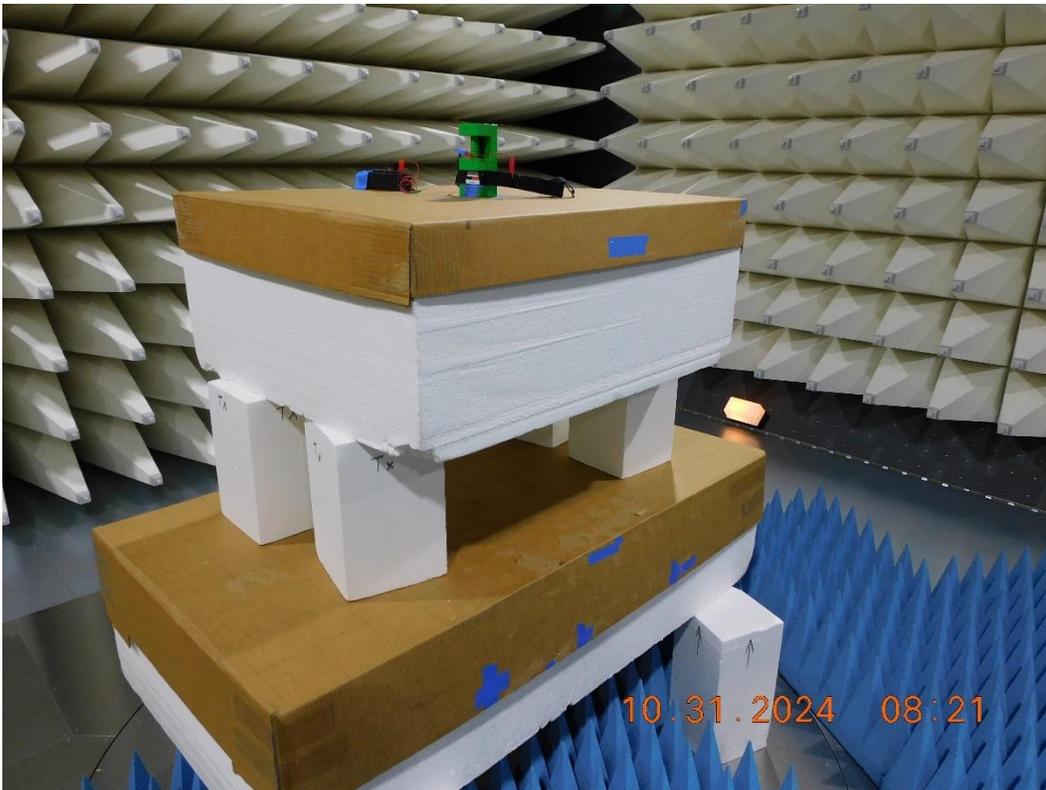


Figure RE11.4: EUT test setup, first view (X orientation)



Figure RE11.5: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 49 of GCL Test Report 2024-177.

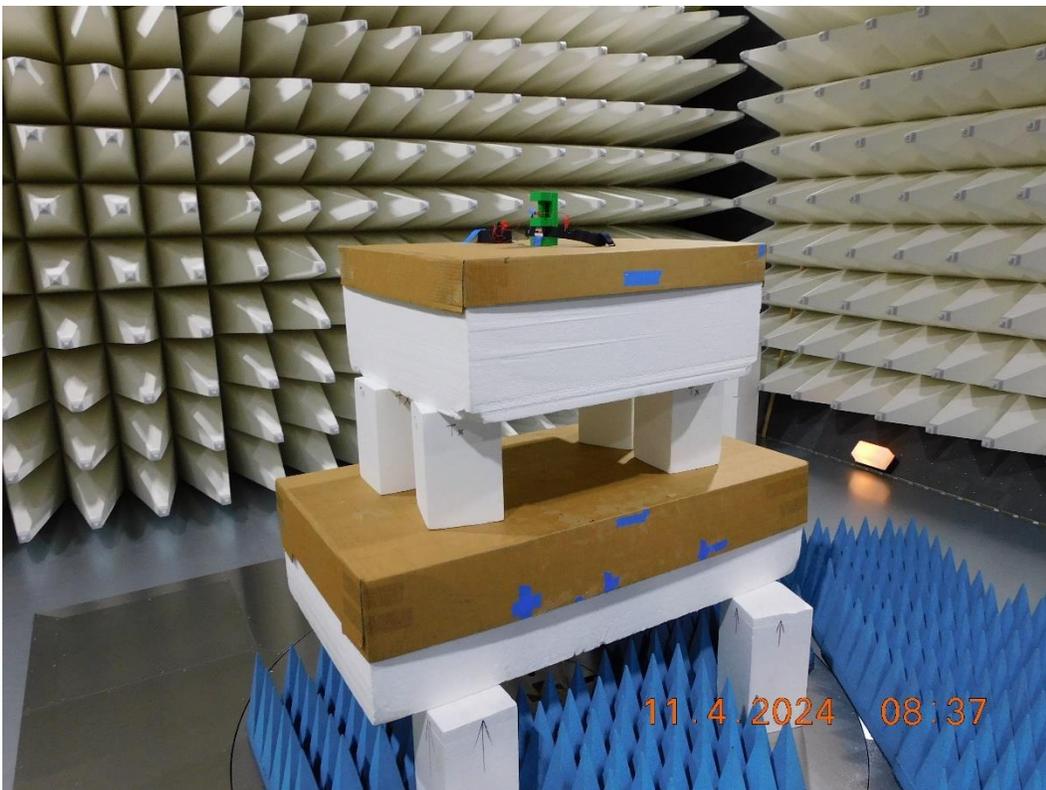


Figure RE14.2: EUT test setup, first view (X orientation)

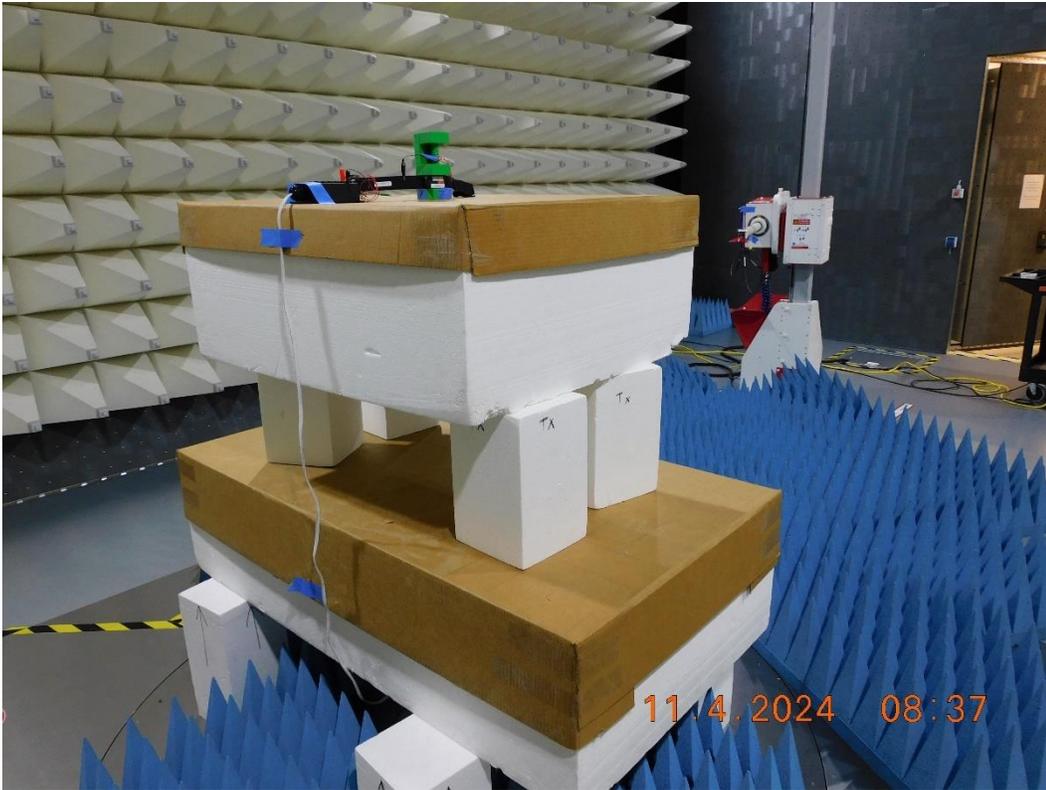


Figure RE14.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 16 of GCL Test Report 2024-178.

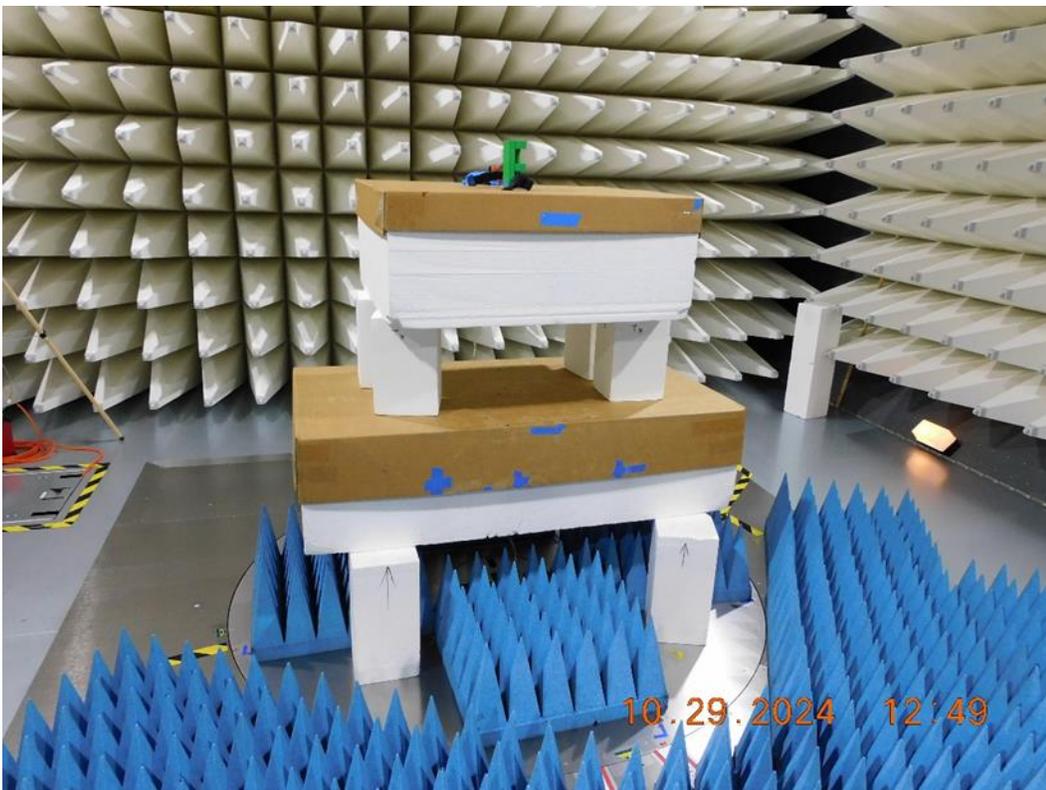


Figure RE04.3: EUT test setup, primary view (X orientation)



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

The following material would have appeared on or near page 19 of GCL Test Report 2024-178.

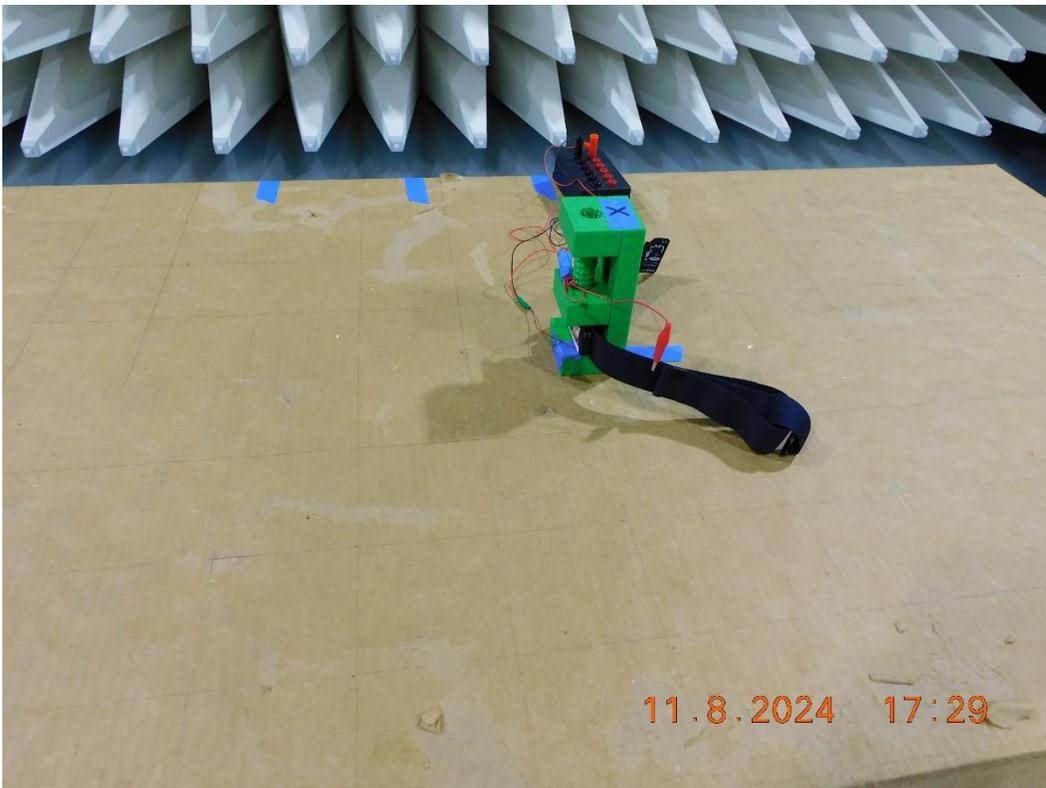


Figure RE19.2: EUT test setup, first view

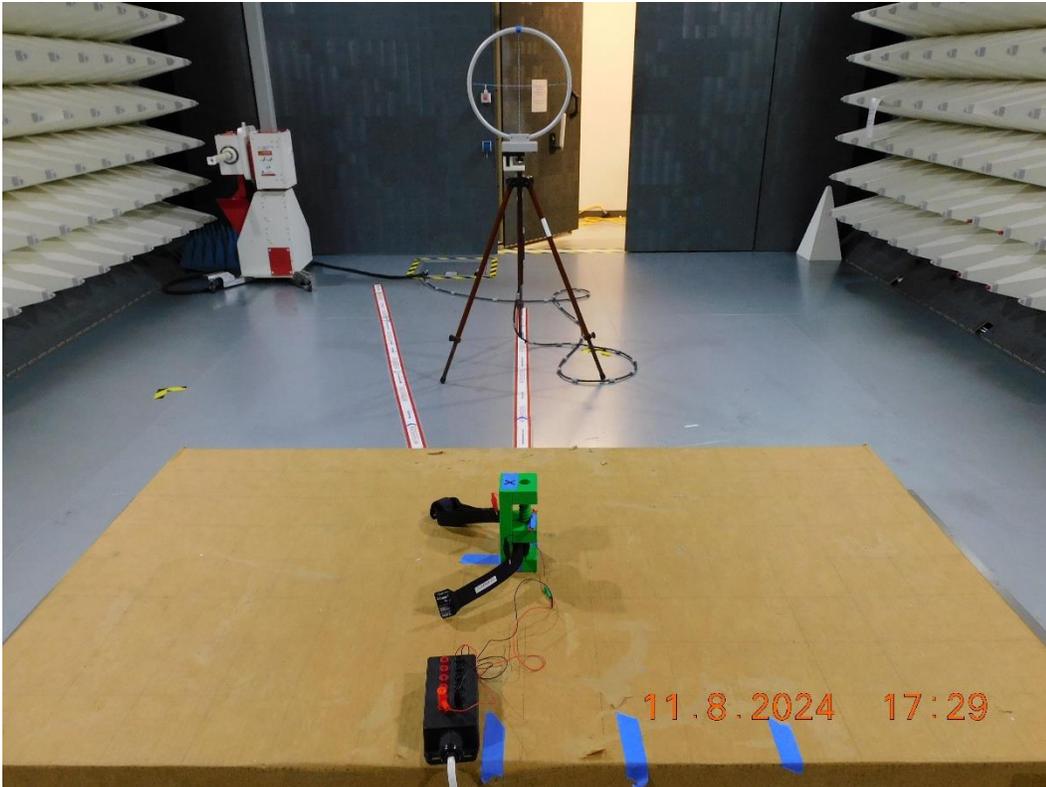


Figure RE19.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 20 of GCL Test Report 2024-178.

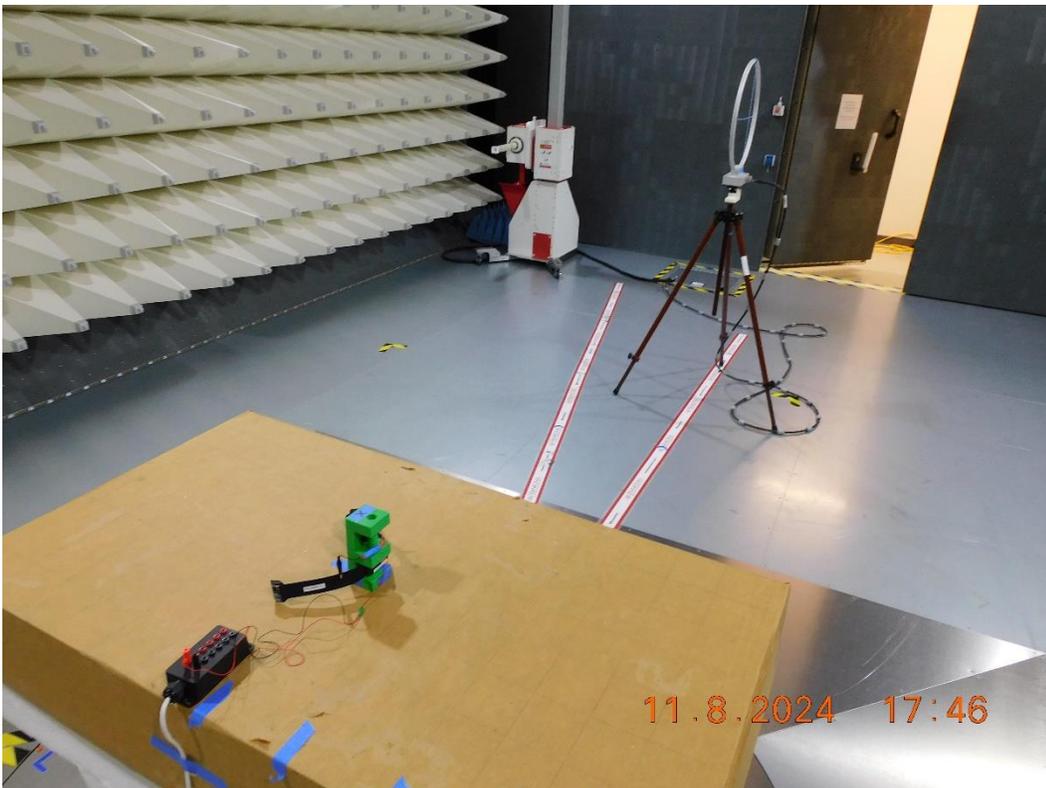


Figure RE19.4: EUT test setup, second view (Y orientation)

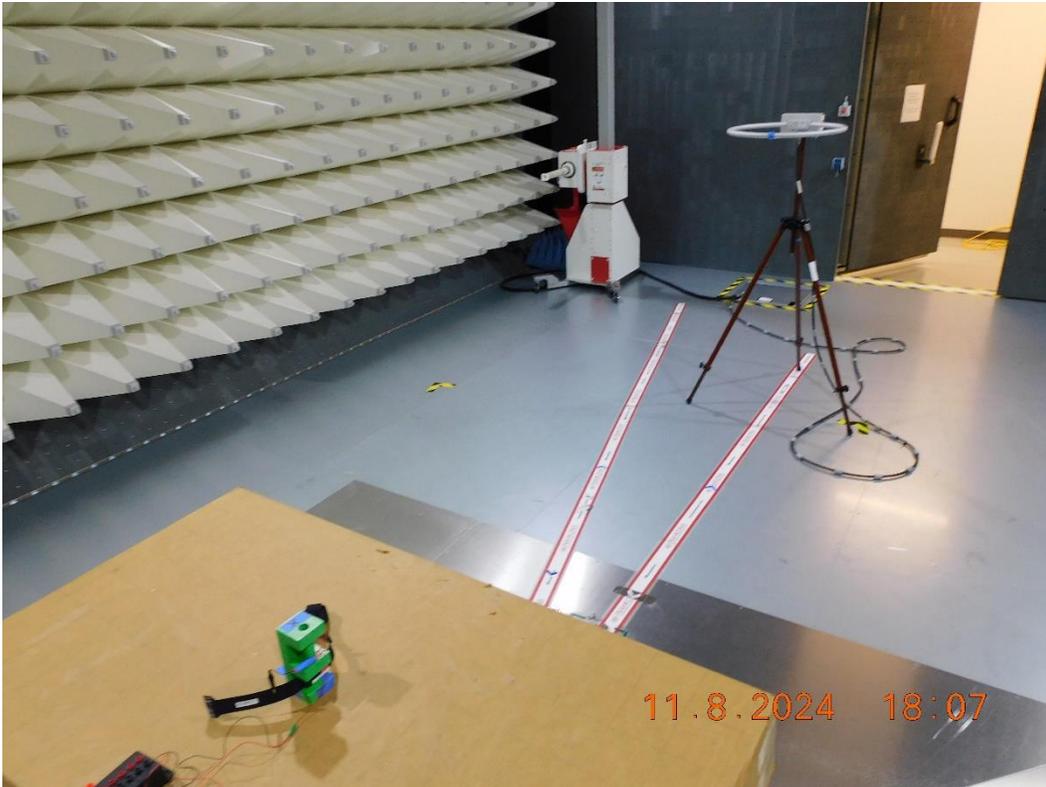


Figure RE19.5: EUT test setup, second view (Z orientation)

The following material would have appeared on or near page 23 of GCL Test Report 2024-178.

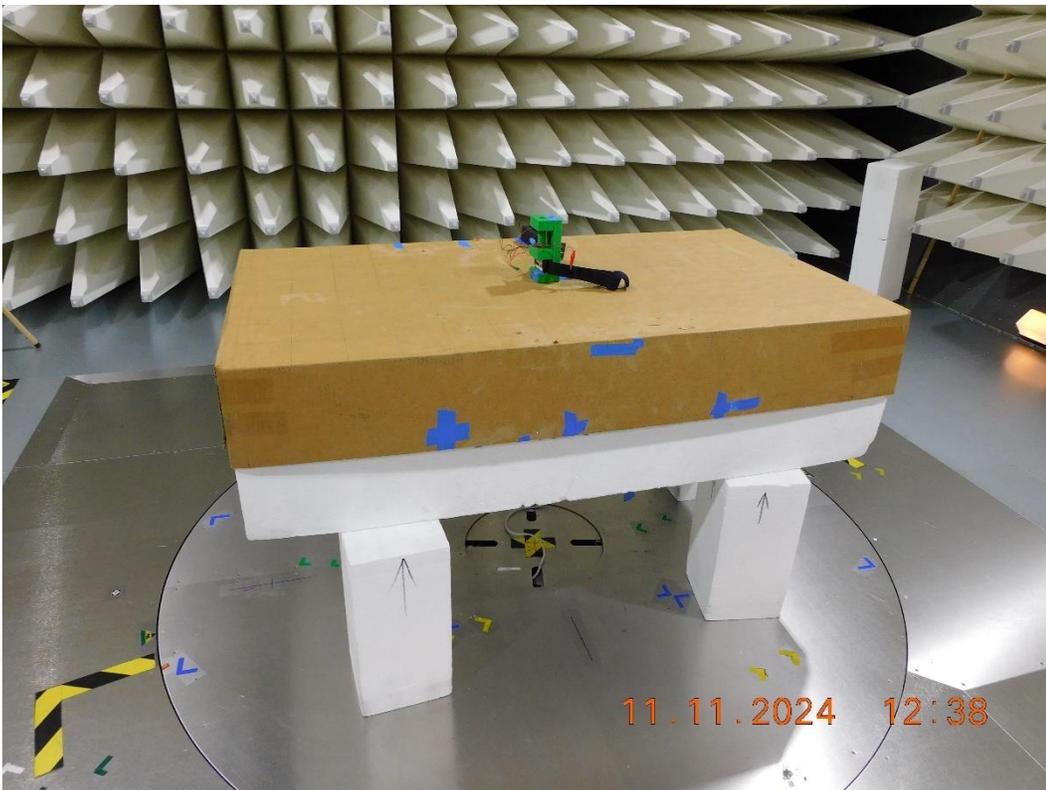


Figure RE39.2: EUT test setup, first view

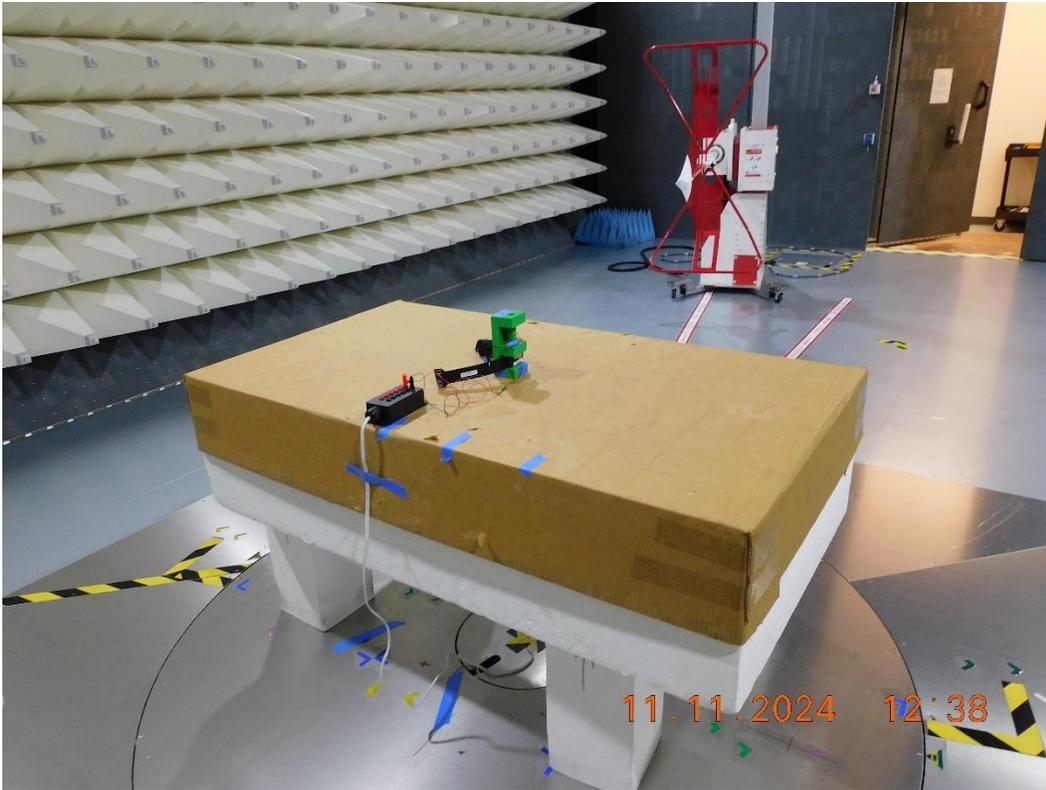


Figure RE39.3: EUT test setup, second view

The following material would have appeared on or near page 28 of GCL Test Report 2024-178.

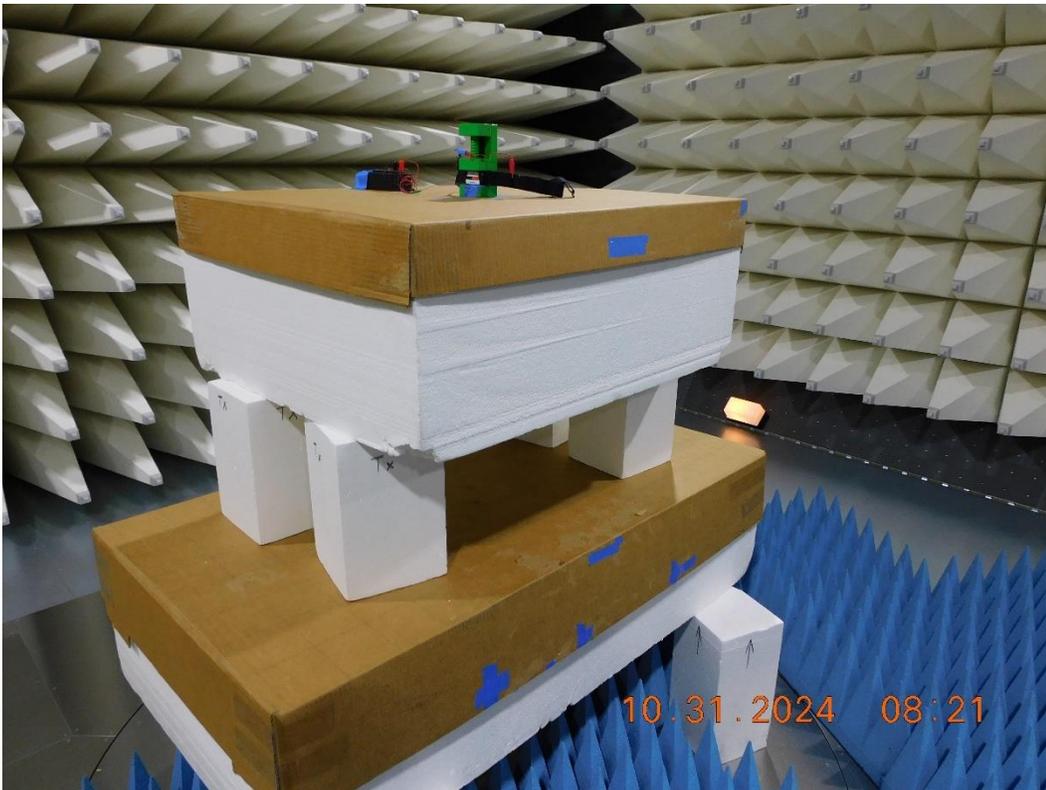


Figure RE10.4: EUT test setup, first view (X orientation)



Figure RE10.5: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 31 of GCL Test Report 2024-178.

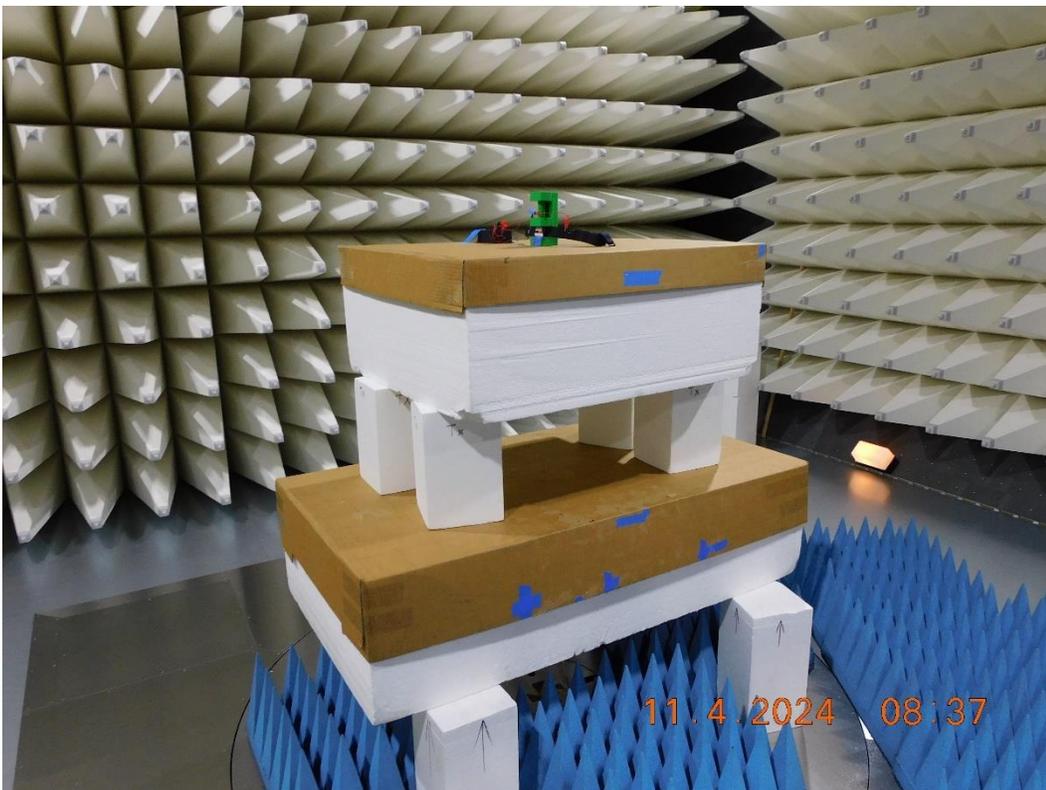


Figure RE16.2: EUT test setup, first view (X orientation)

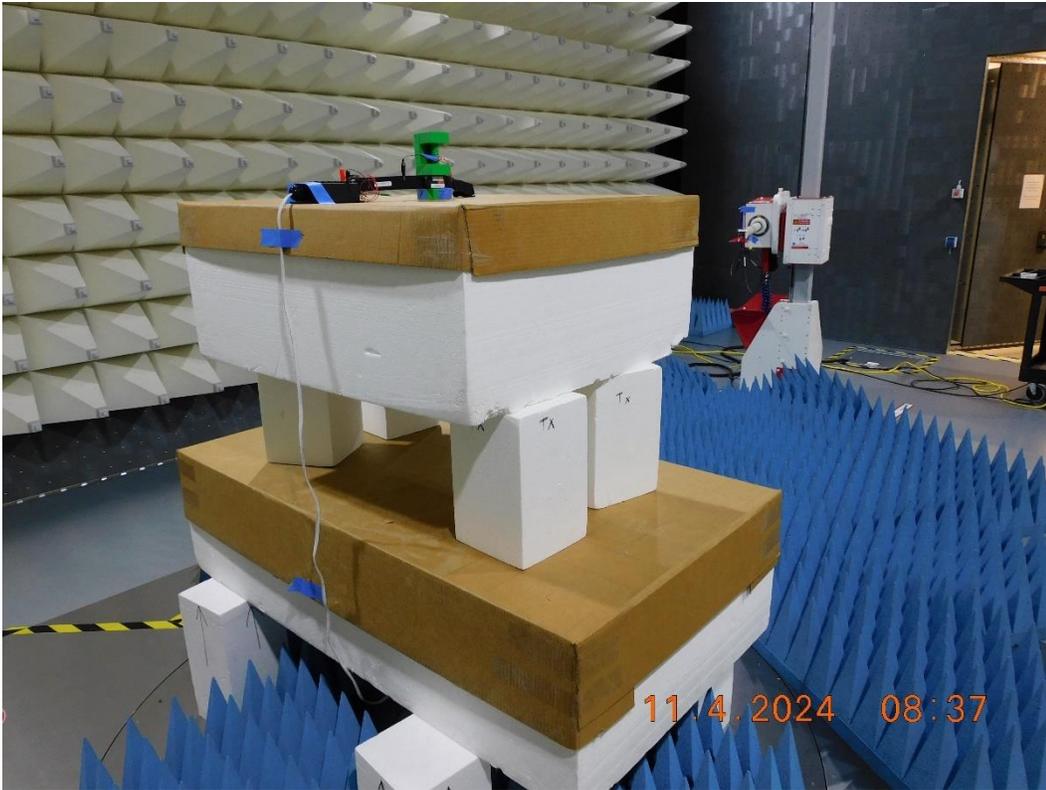


Figure RE16.3: EUT test setup, second view (X orientation)

The following material would have appeared on or near page 33 of GCL Test Report 2024-178.

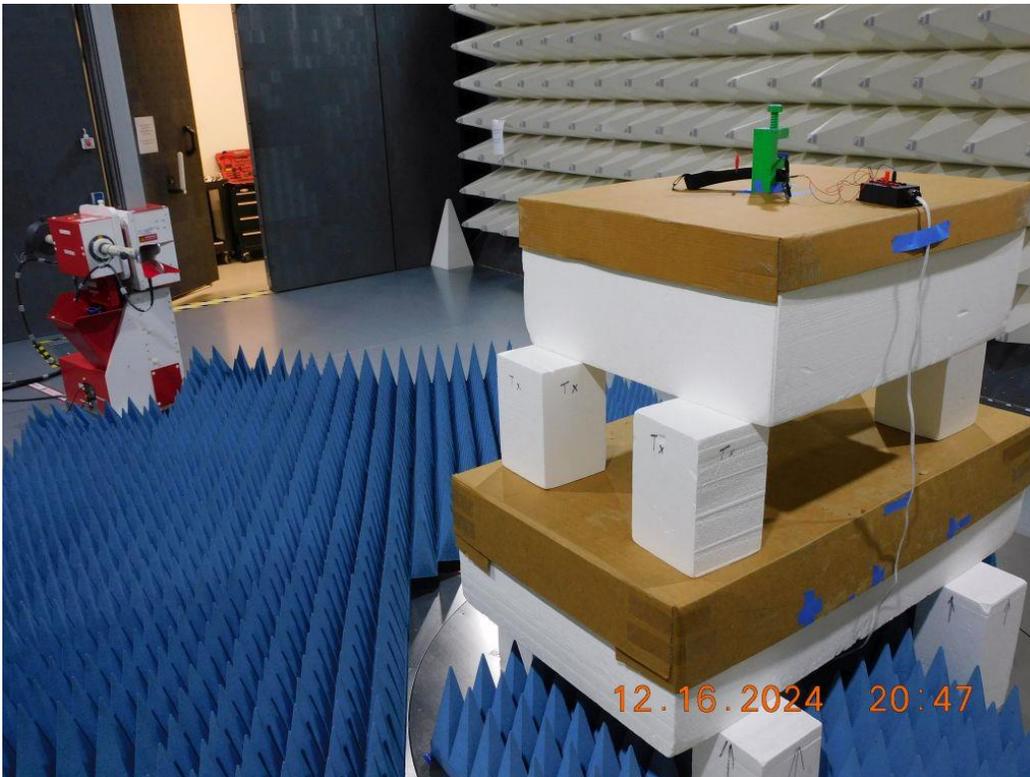


Figure TR11.1: Test setup

## 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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