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## **Certification Exhibit**

**FCC ID: HSW2832  
IC: 4492A-2832**

**FCC Rule Part: 15.247  
ISED Canada Radio Standards Specification: RSS-247**

**Project Number: 72154633**

**Manufacturer: Murata Electronics North America  
Model: MBN52832**

## **Test Setup Photos**



Figure 1: Equipment Under Test – Antenna Port Conducted Measurements

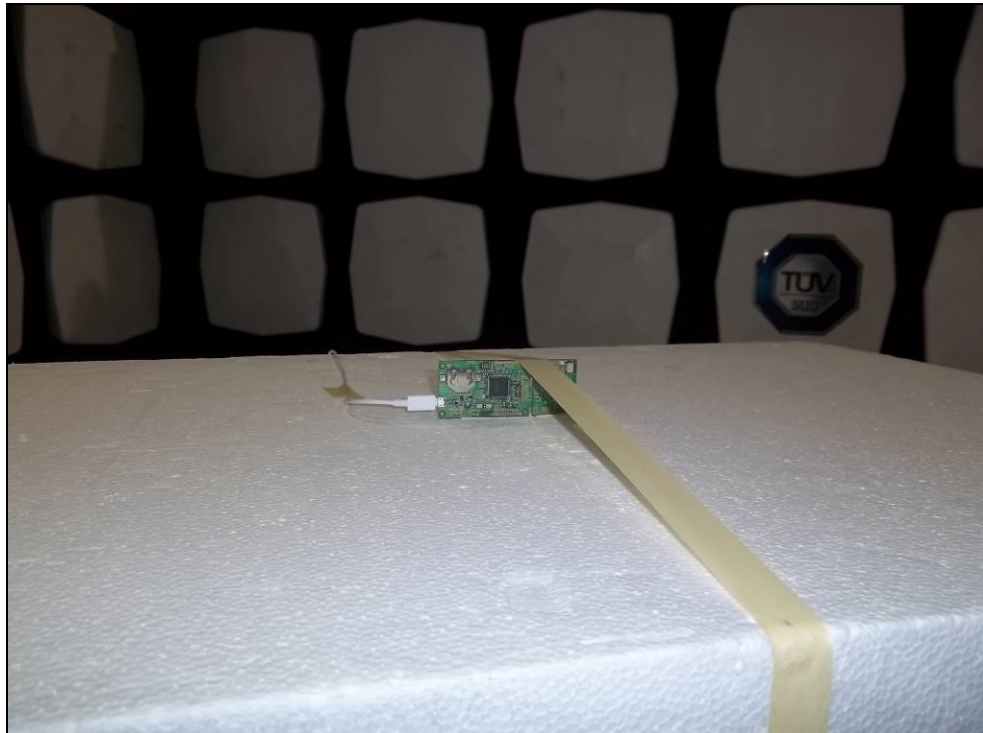


Figure 2: Equipment Under Test – Radiated Emissions XPOS

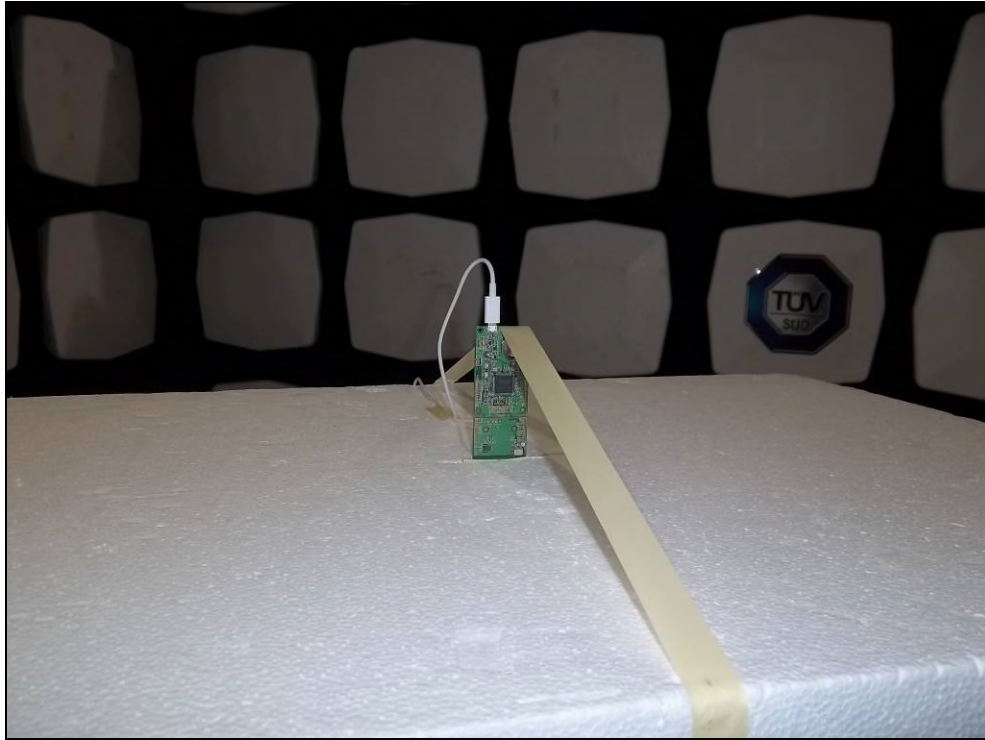


Figure 3: Equipment Under Test – Radiated Emissions YPOS



Figure 4: Equipment Under Test – Radiated Emissions ZPOS



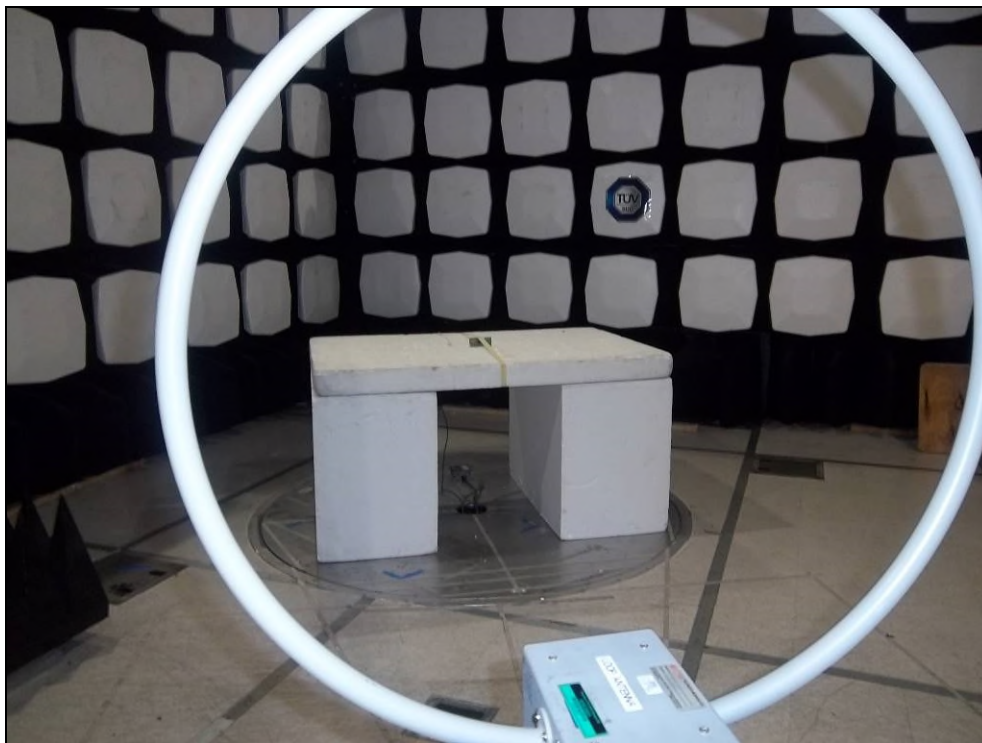


Figure 5: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <30MHz

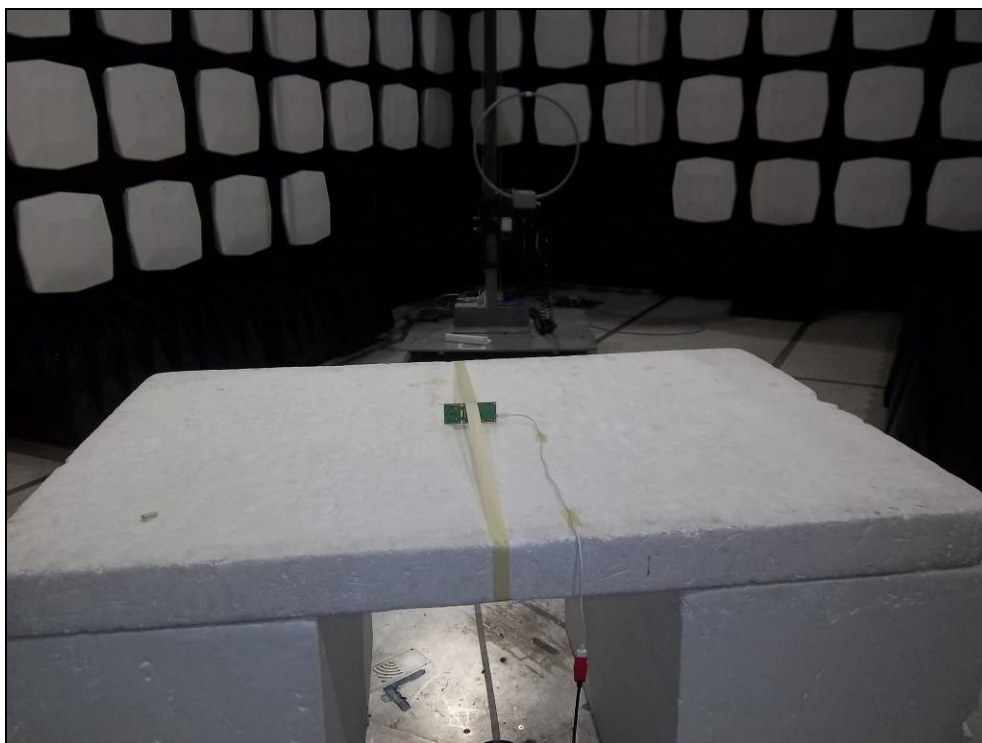


Figure 6: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <30MHz

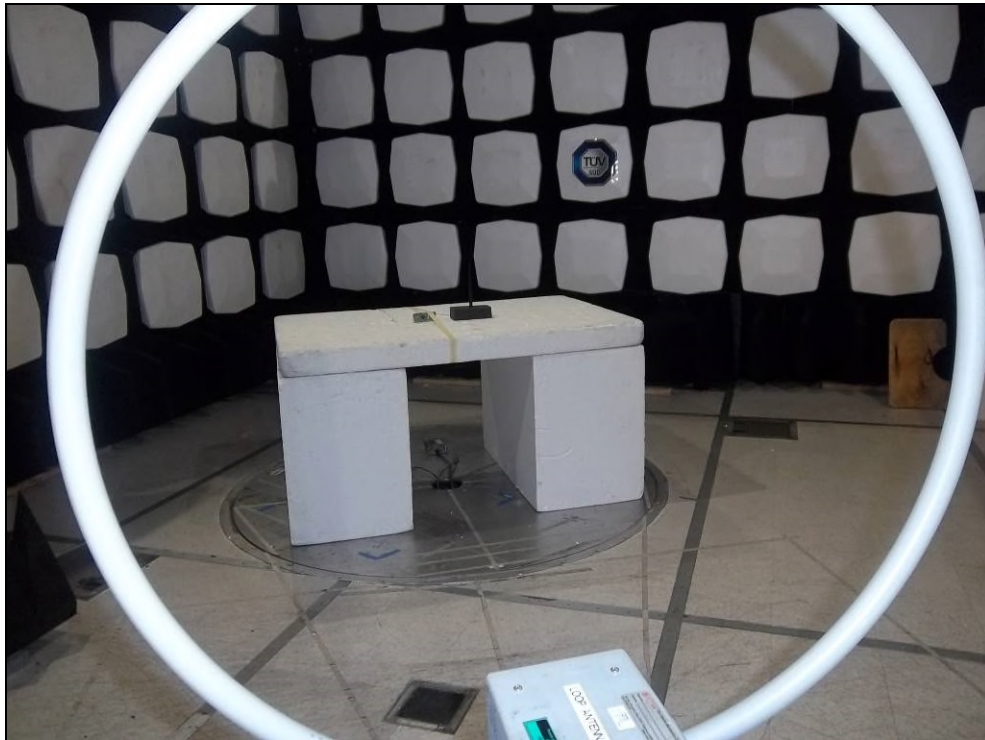


Figure 7: Equipment Under Test – Radiated Emissions – Dipole Antenna – <30MHz

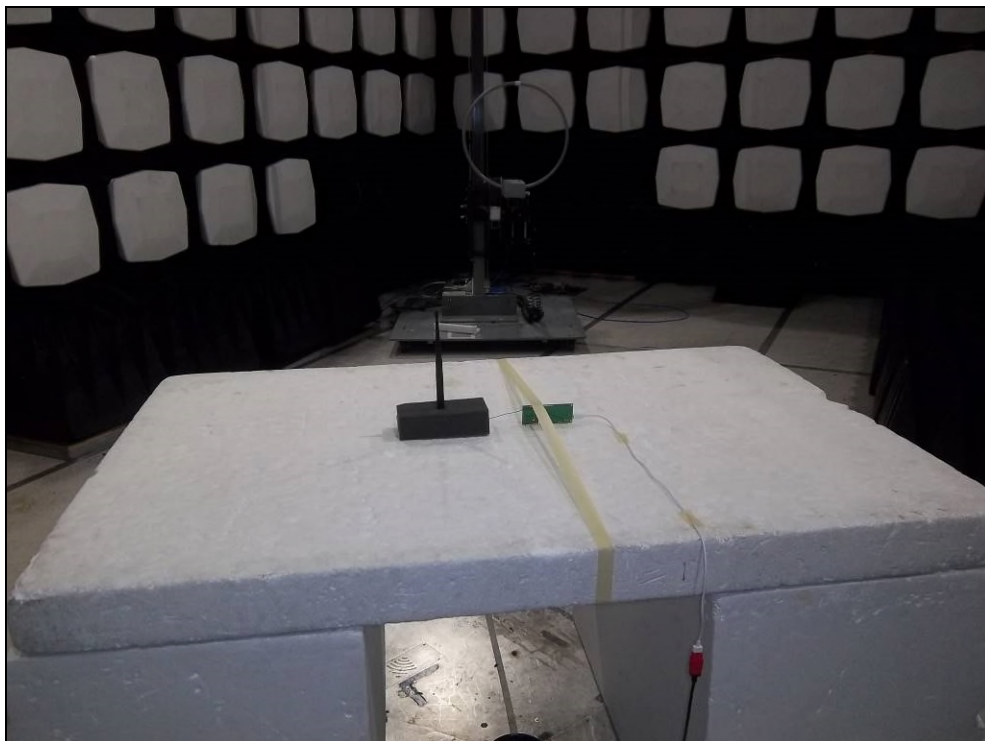


Figure 8: Equipment Under Test – Radiated Emissions – Dipole Antenna – <30MHz

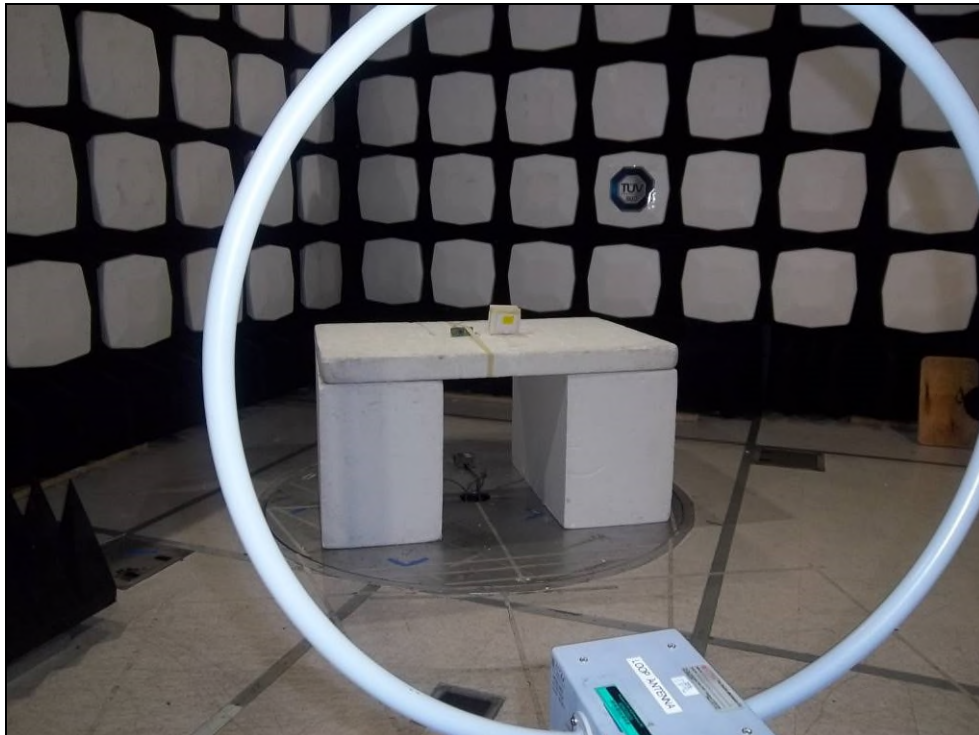


Figure 9: Equipment Under Test – Radiated Emissions – Patch Antenna – <30MHz

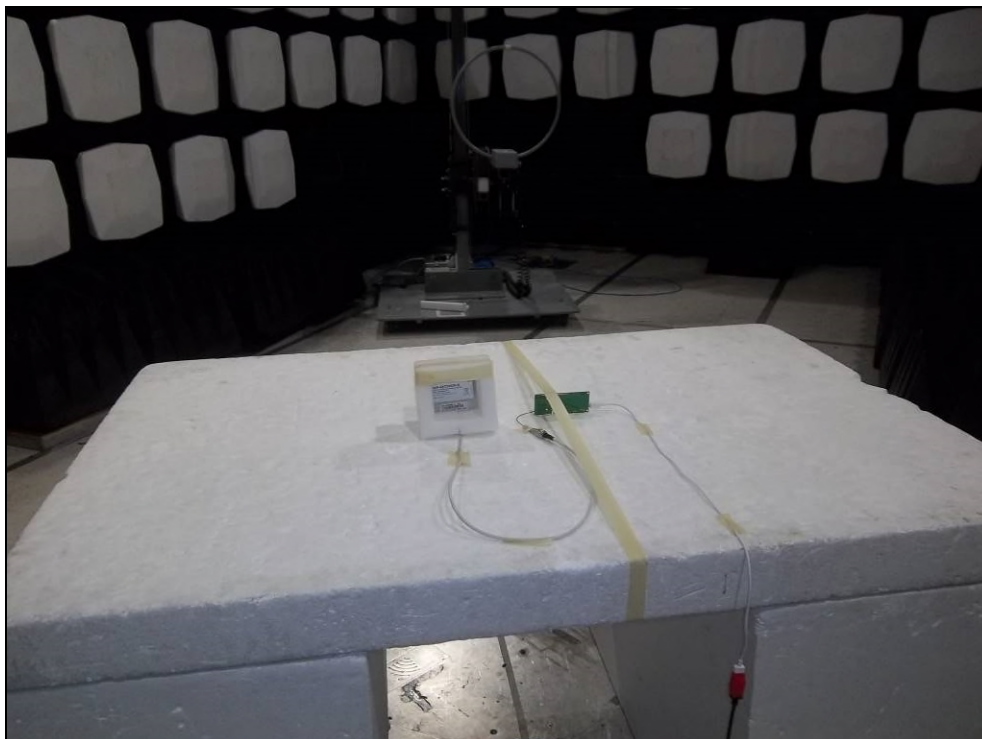


Figure 10: Equipment Under Test – Radiated Emissions – Patch Antenna – <30MHz



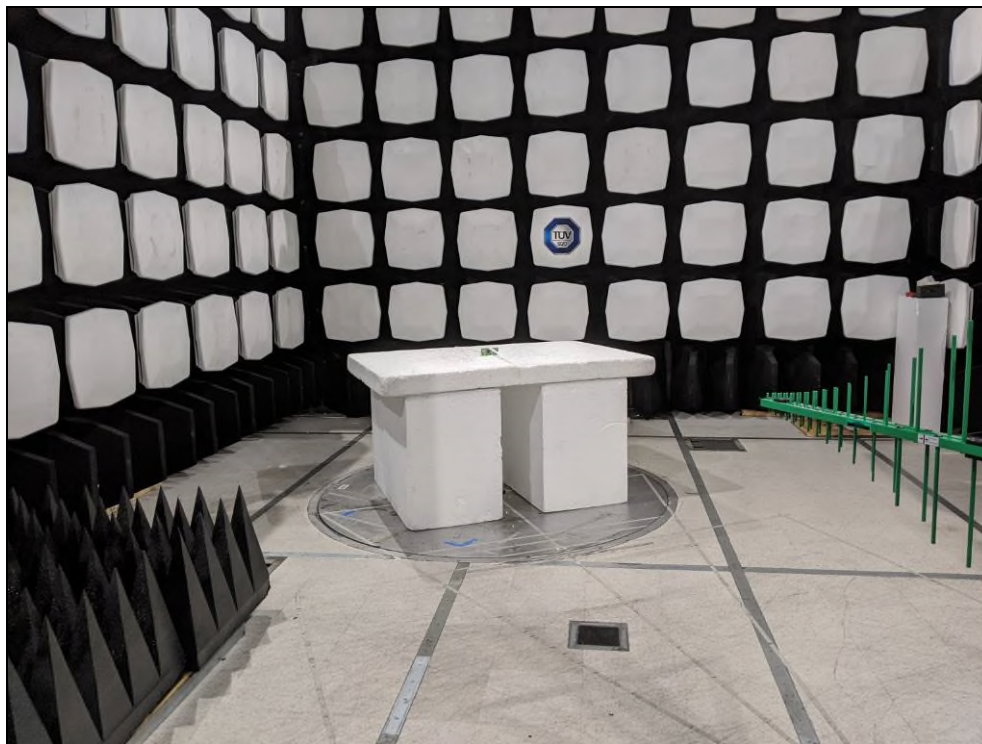


Figure 11: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <1GHz

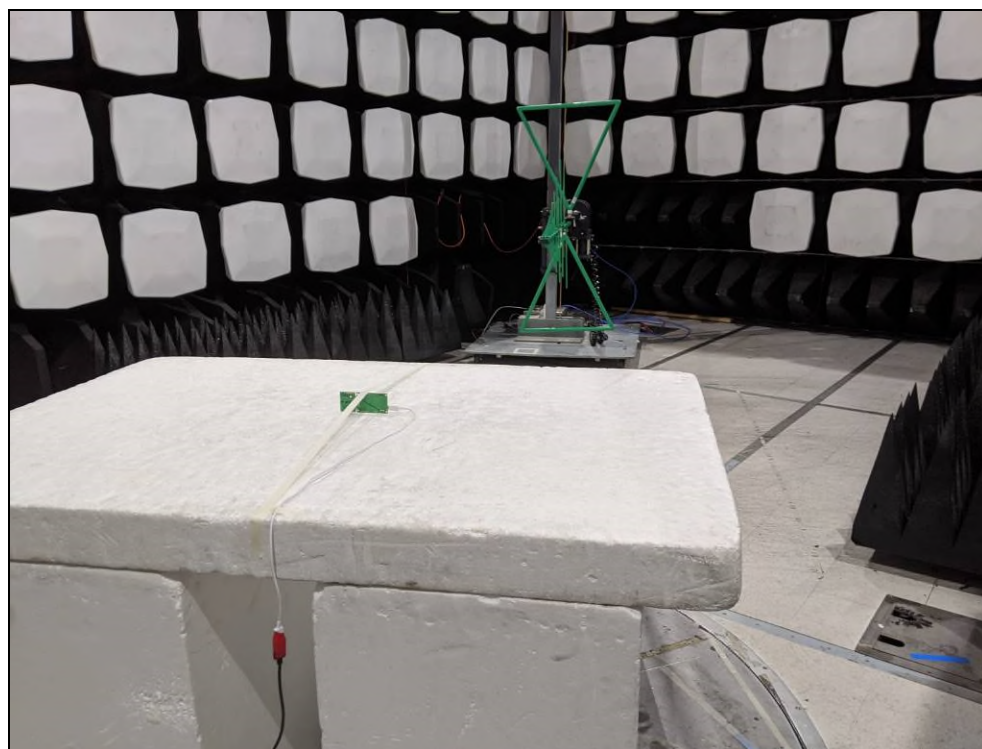


Figure 12: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <1GHz



Figure 13: Equipment Under Test – Radiated Emissions – Dipole Antenna – <1GHz

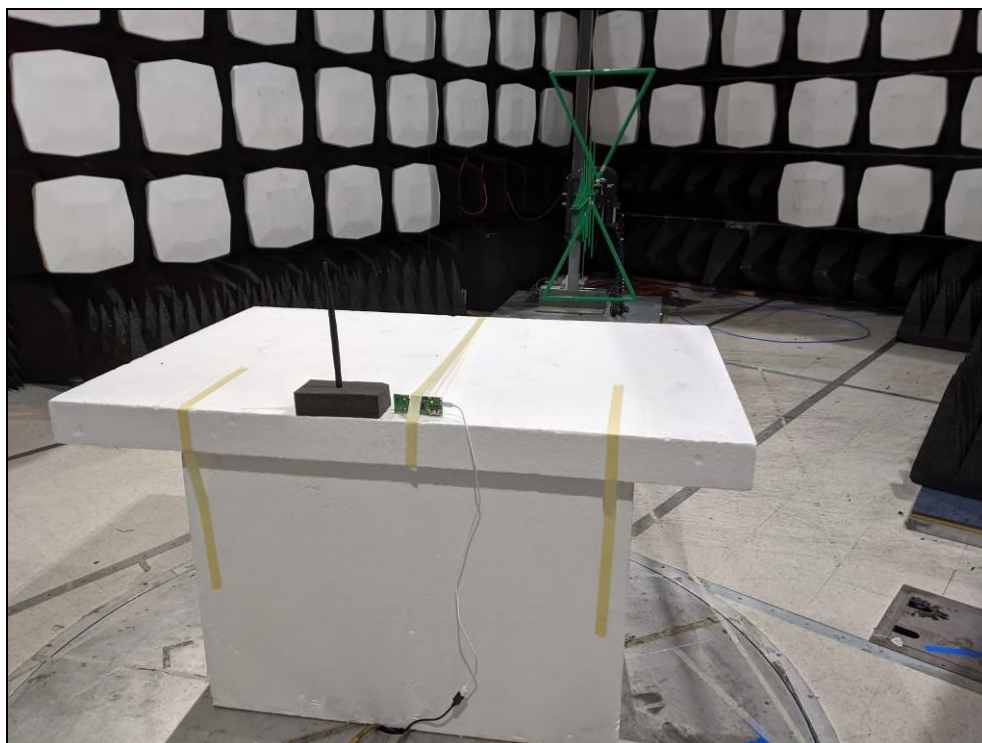


Figure 14: Equipment Under Test – Radiated Emissions – Dipole Antenna – <1GHz



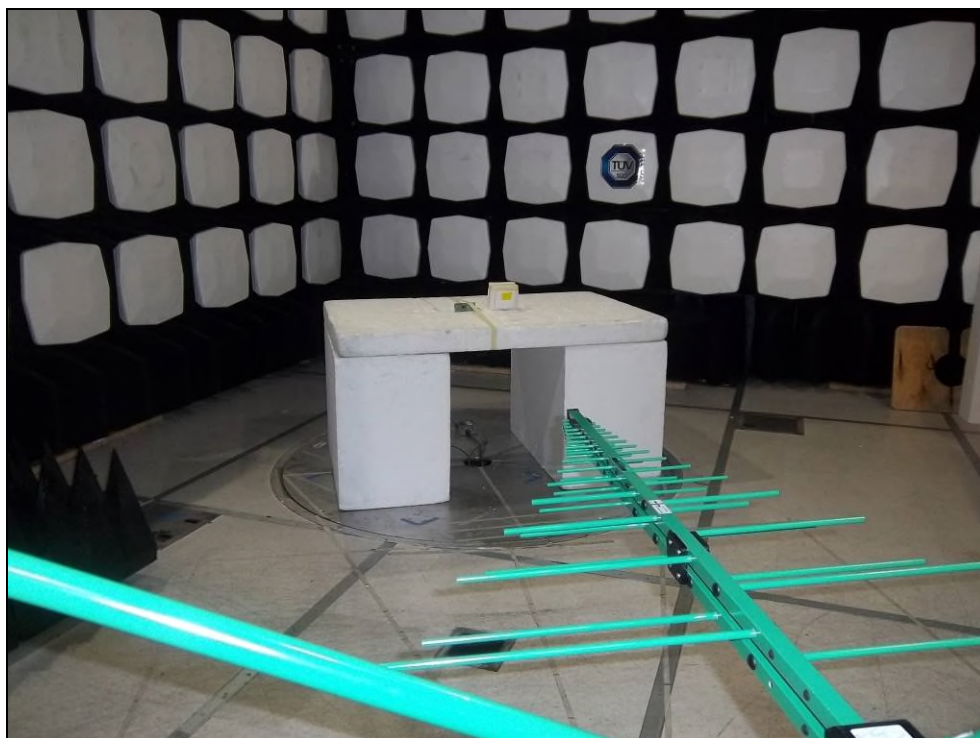


Figure 15: Equipment Under Test – Radiated Emissions – Patch Antenna – <1GHz

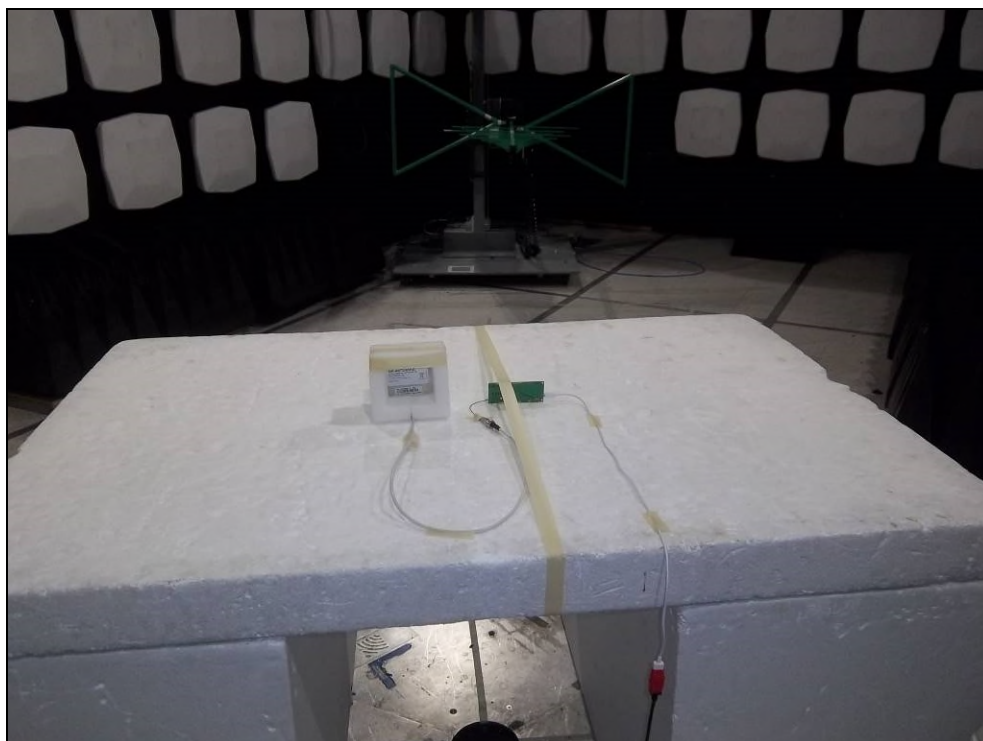


Figure 16: Equipment Under Test – Radiated Emissions – Patch Antenna – <1GHz

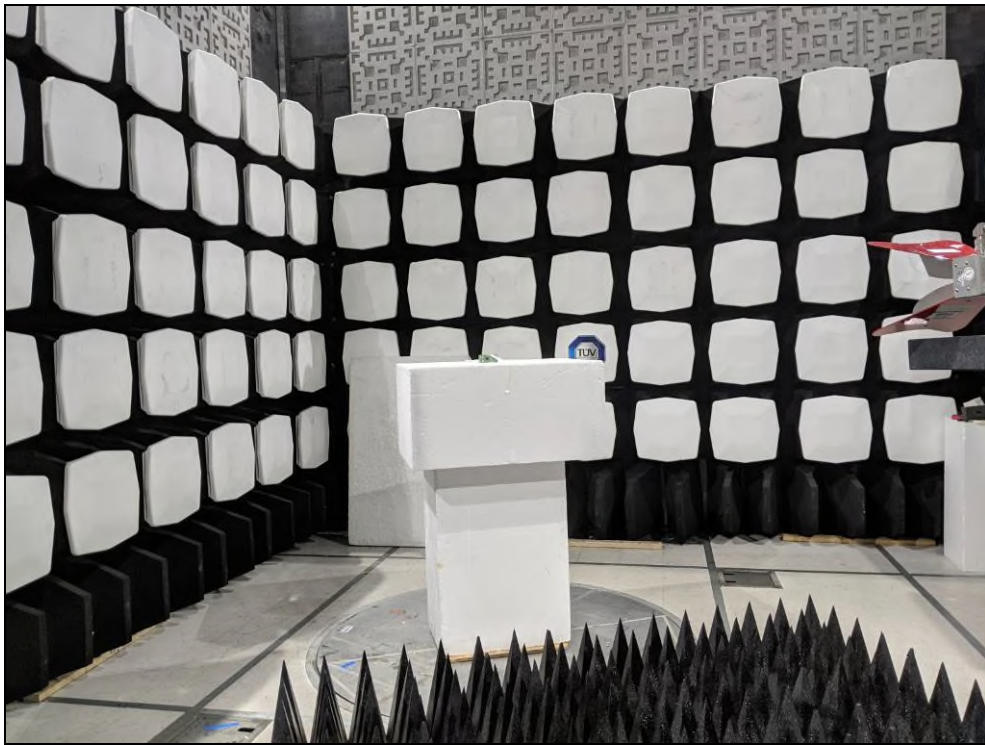


Figure 17: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – >1GHz



Figure 18: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – >1GHz



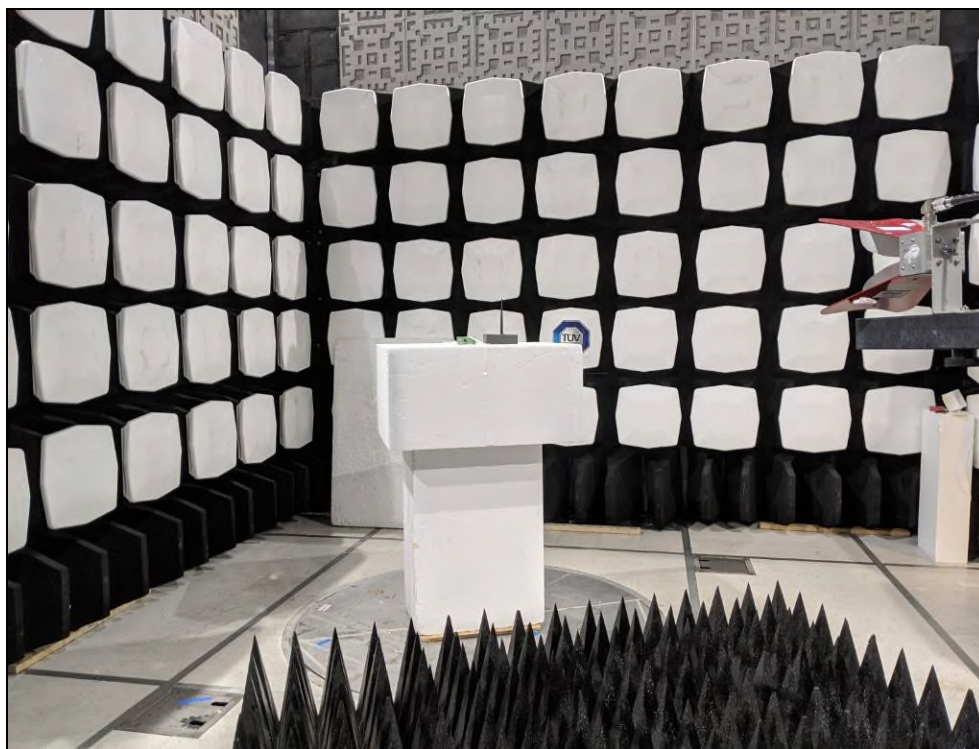


Figure 19: Equipment Under Test – Radiated Emissions – Dipole Antenna – >1GHz

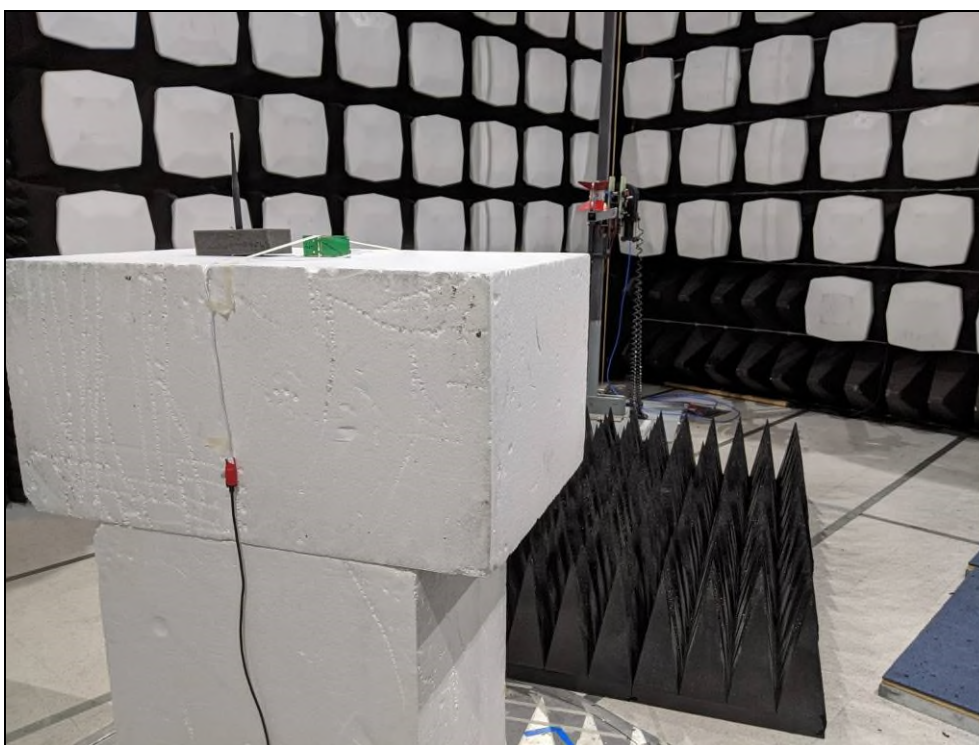


Figure 20: Equipment Under Test – Radiated Emissions – Dipole Antenna – >1GHz



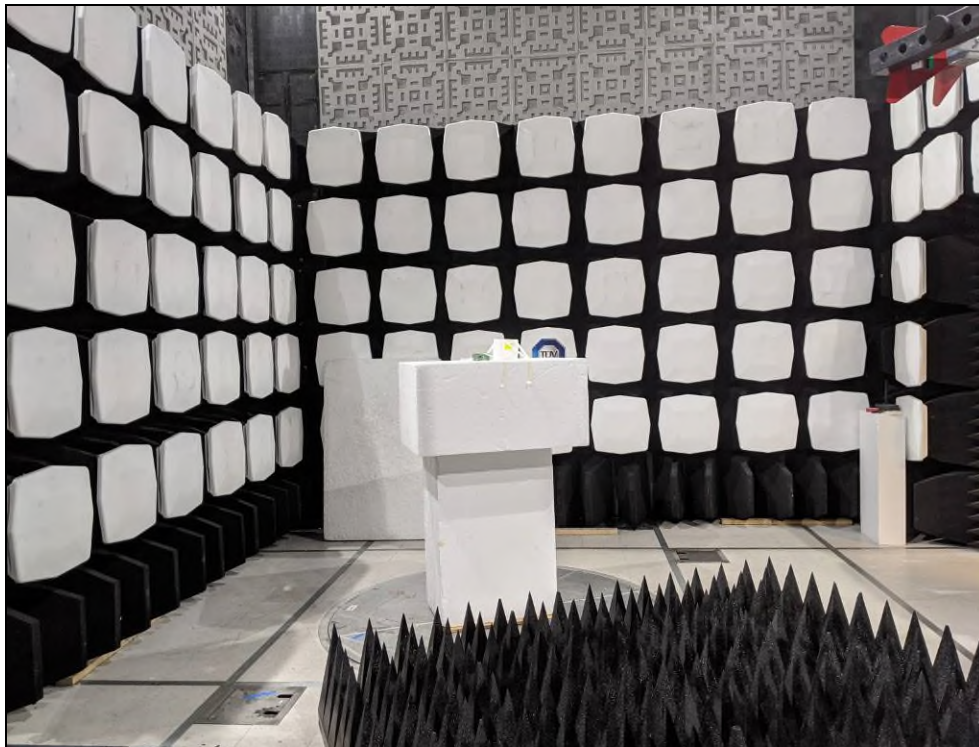


Figure 21: Equipment Under Test – Radiated Emissions – Patch Antenna – >1GHz

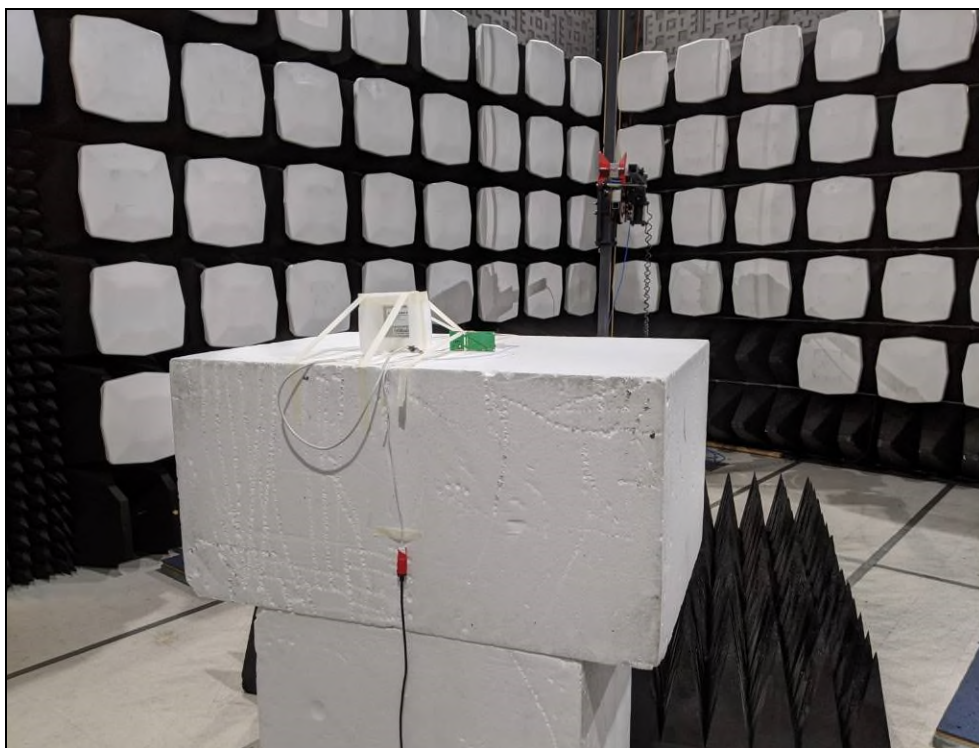


Figure 22: Equipment Under Test – Radiated Emissions – Patch Antenna – >1GHz



Figure 23: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – >18GHz

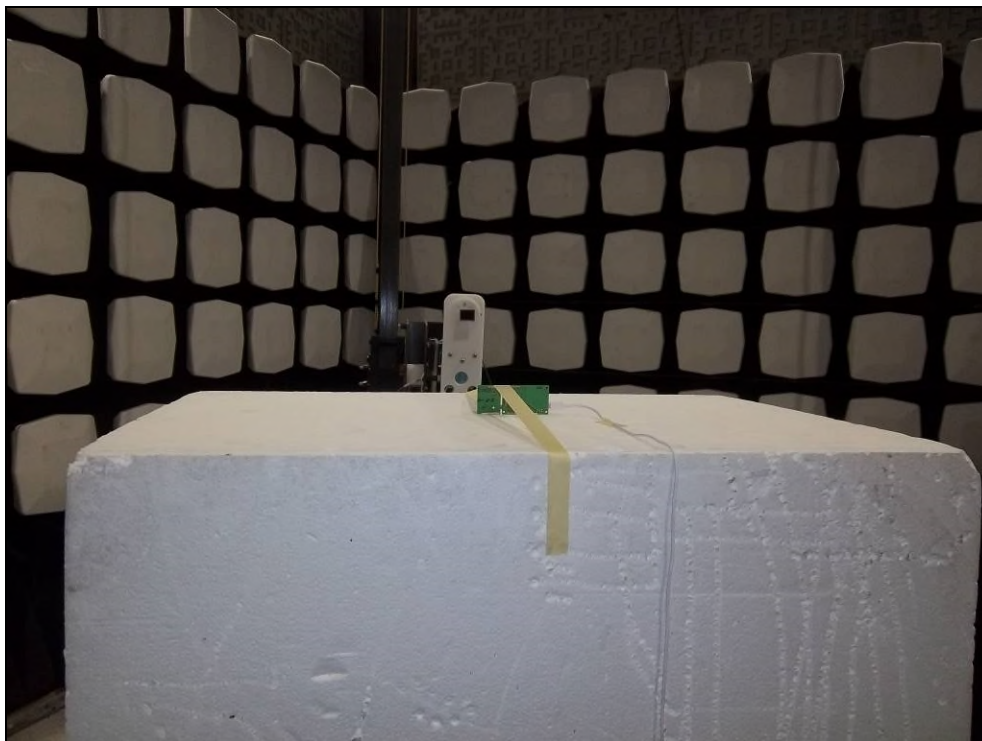


Figure 24: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – >18GHz





Figure 25: Equipment Under Test – Radiated Emissions – Dipole Antenna – >18GHz

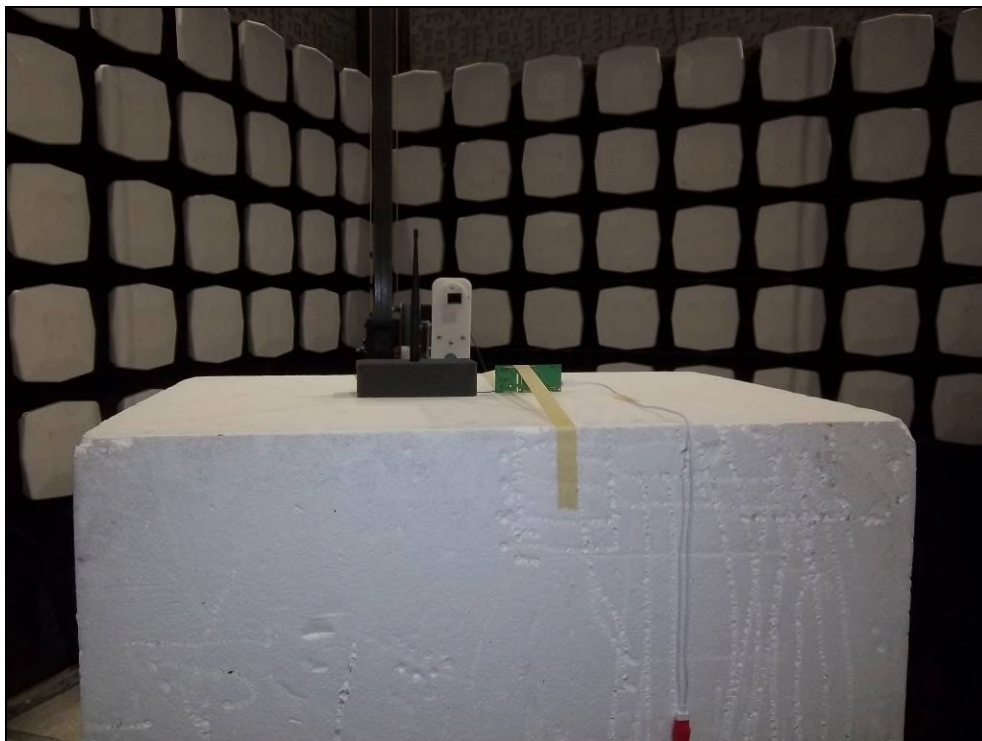


Figure 26: Equipment Under Test – Radiated Emissions – Dipole Antenna – >18GHz



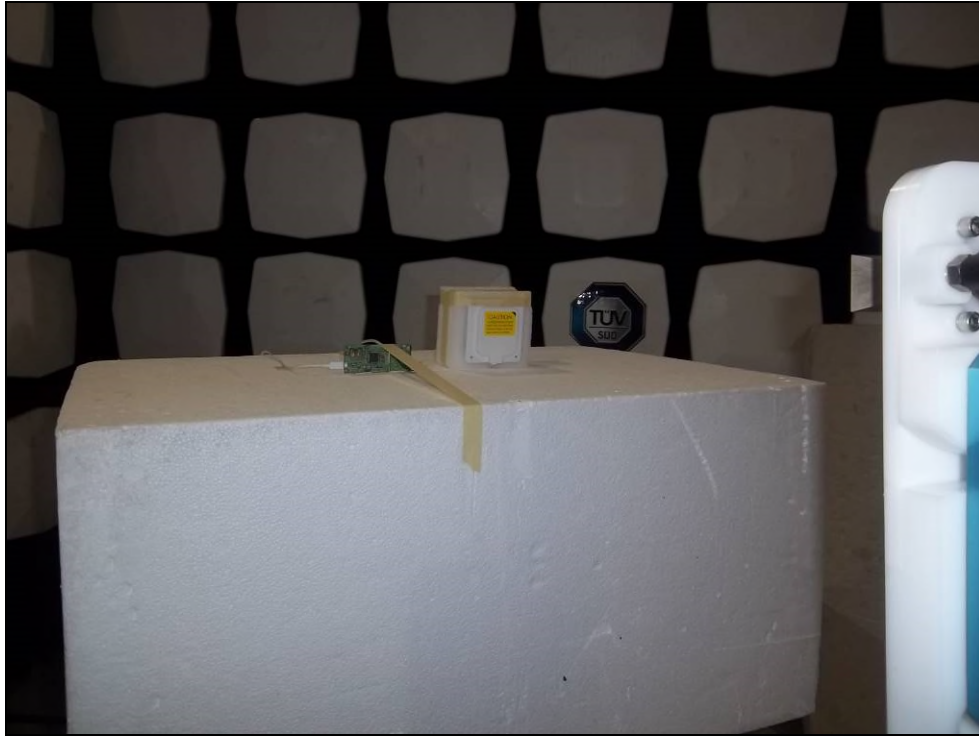


Figure 27: Equipment Under Test – Radiated Emissions – Patch Antenna – >18GHz

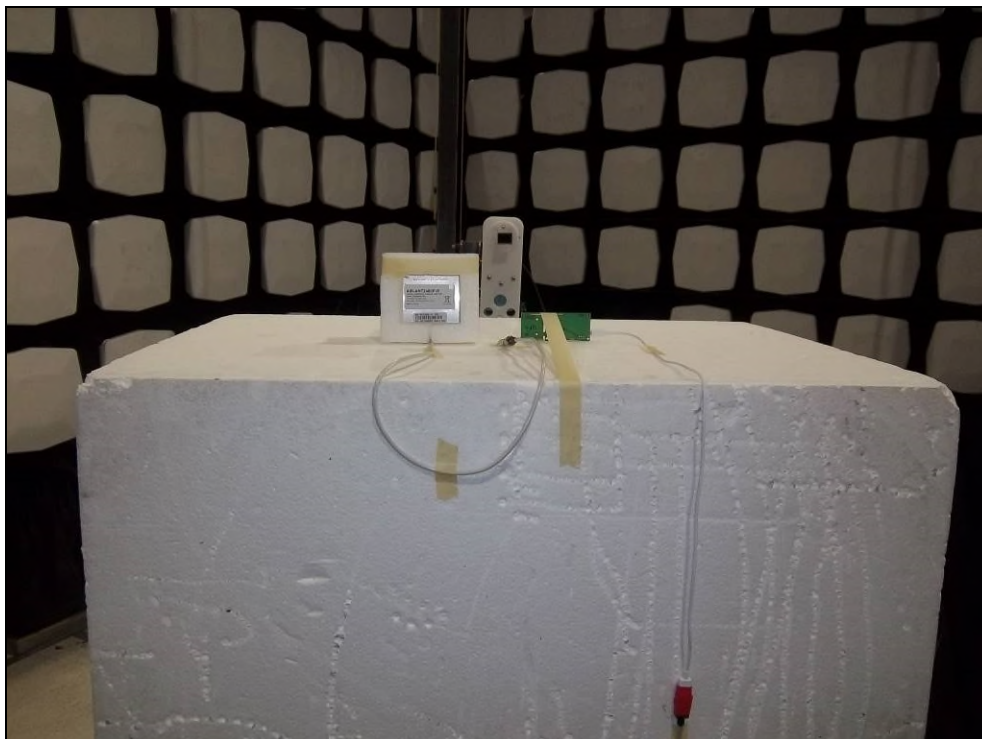


Figure 28: Equipment Under Test – Radiated Emissions – Patch Antenna – >18GHz

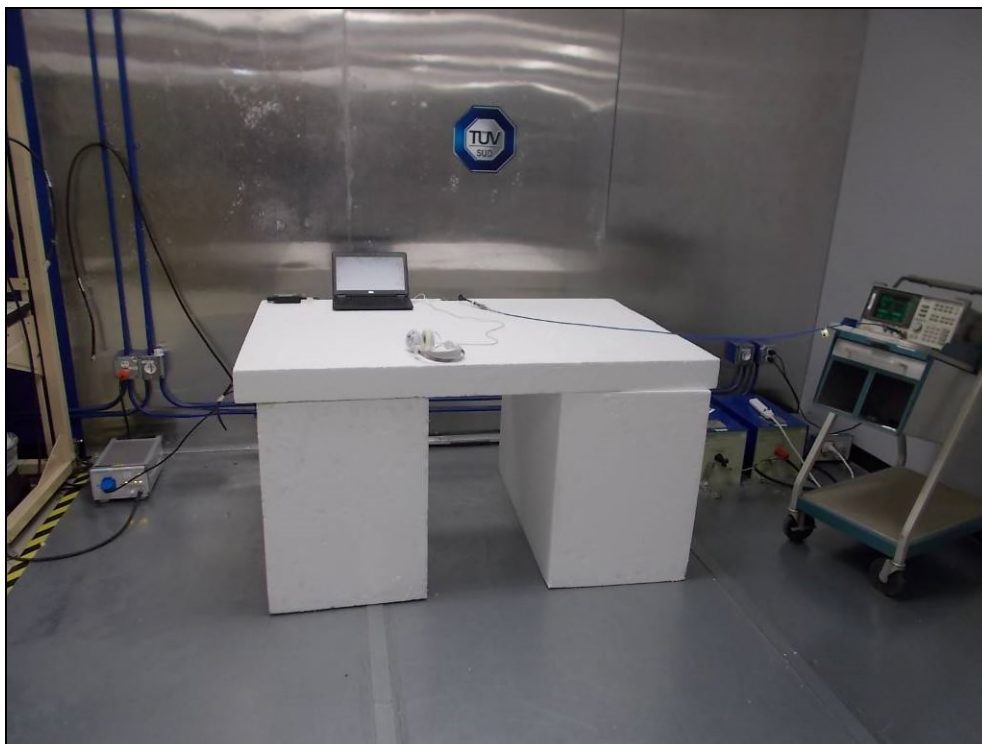


Figure 29: Equipment Under Test – AC Conducted Emissions

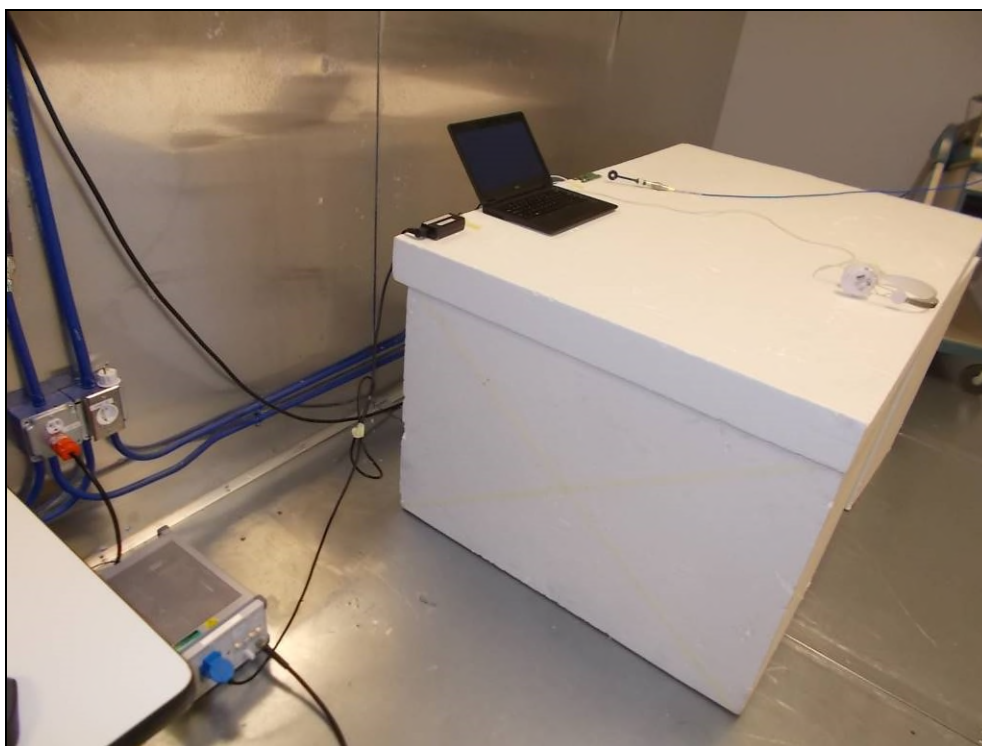


Figure 30: Equipment Under Test – AC Conducted Emissions