



America

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

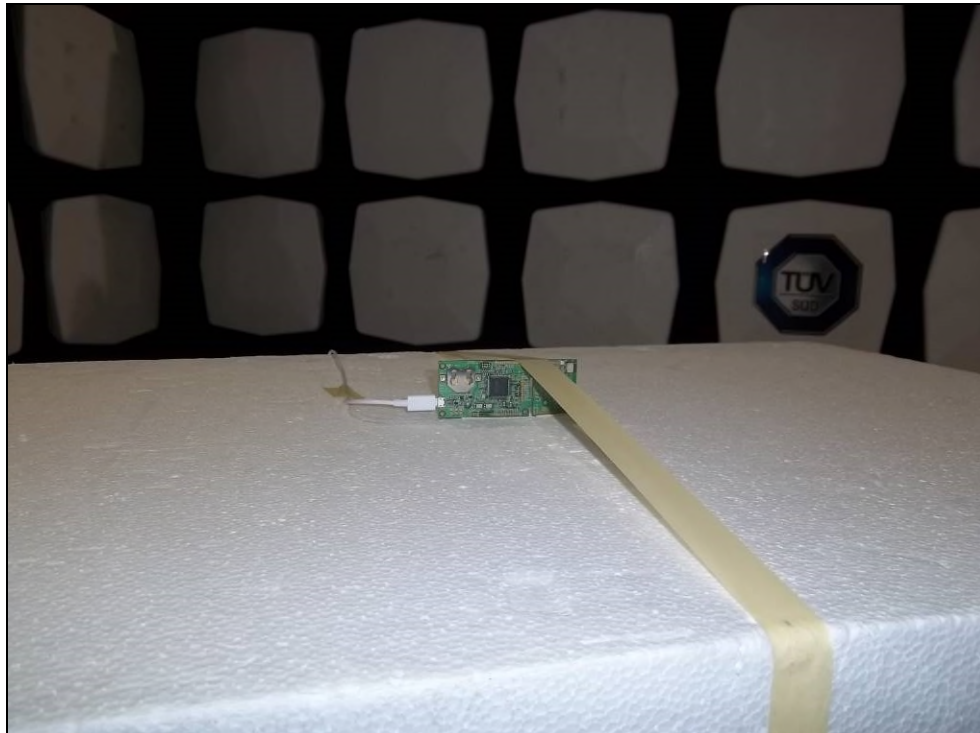


Figure 2: Equipment Under Test – Radiated Emissions XPOS

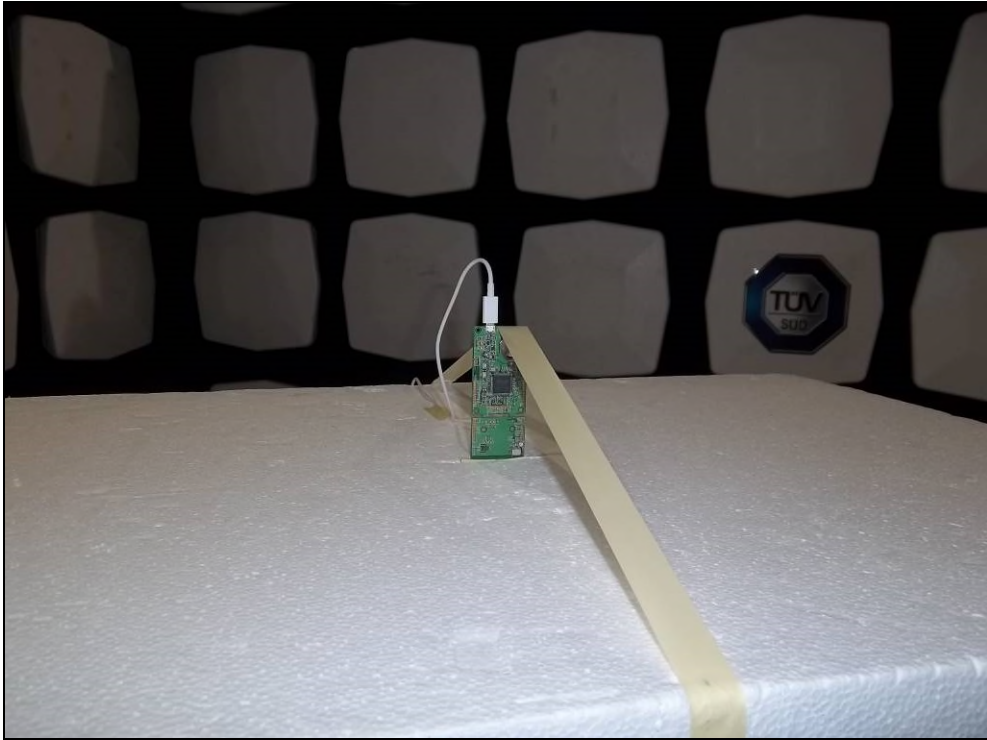


Figure 3: Equipment Under Test – Radiated Emissions YPOS



Figure 4: Equipment Under Test – Radiated Emissions ZPOS

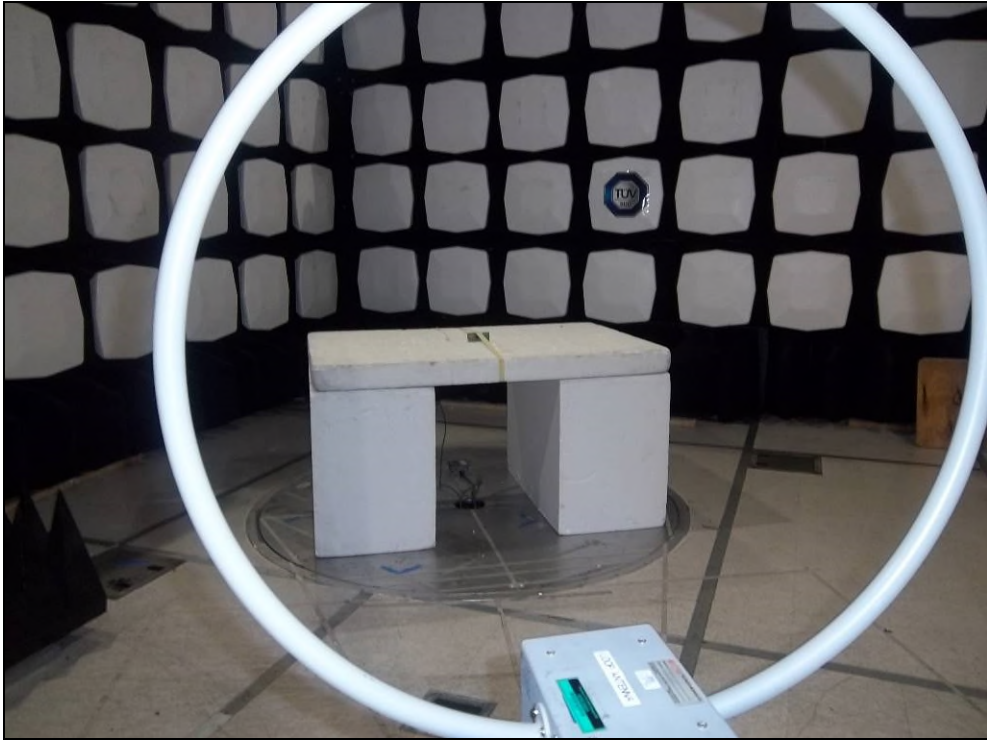


Figure 5: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <30MHz

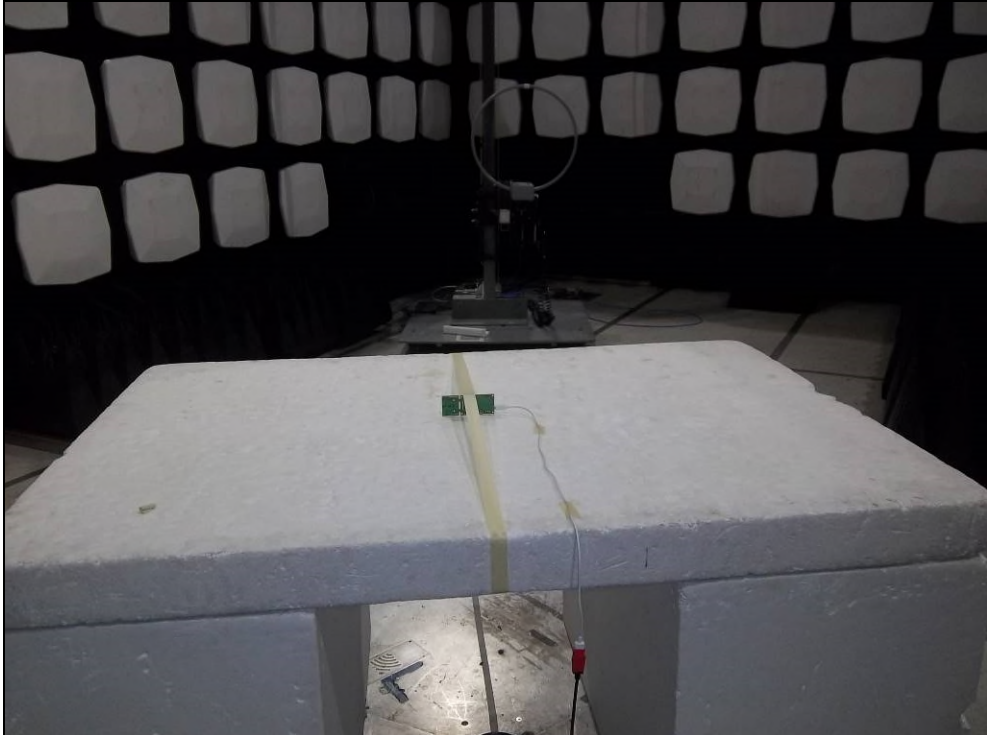


Figure 6: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <30MHz

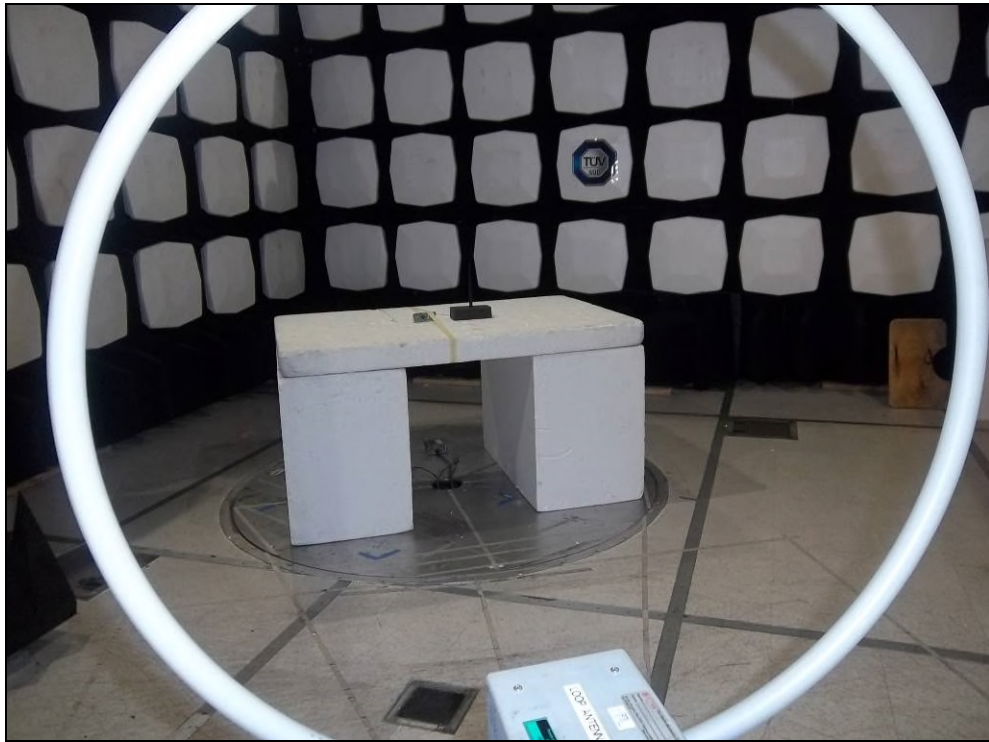


Figure 7: Equipment Under Test – Radiated Emissions – Dipole Antenna – $\lt; 30\text{MHz}$

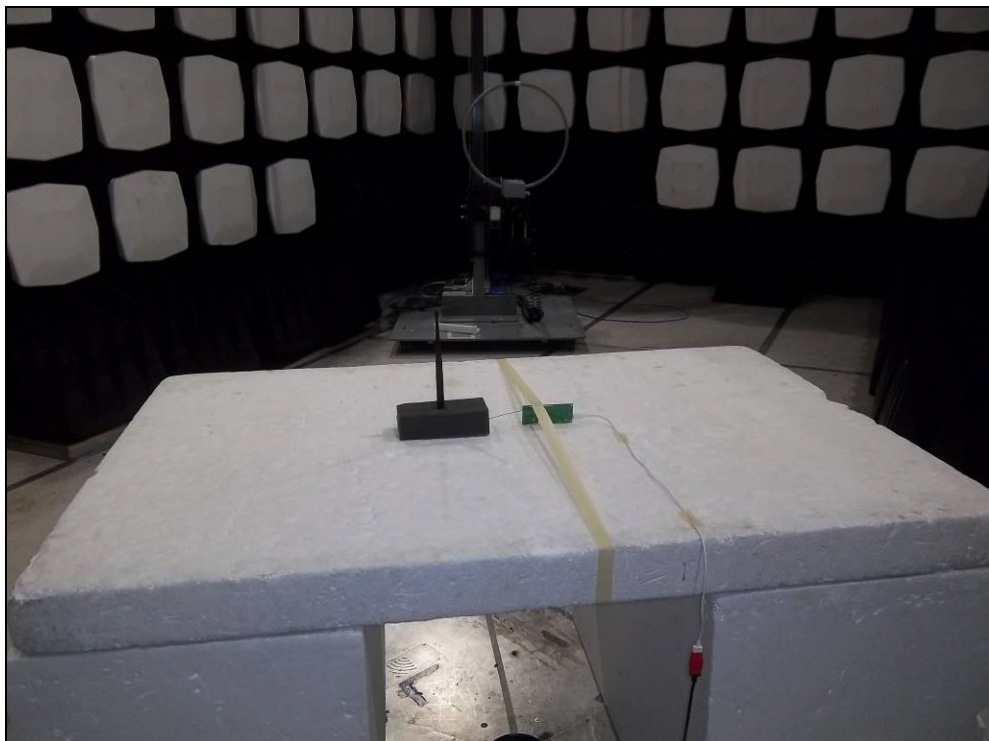


Figure 8: Equipment Under Test – Radiated Emissions – Dipole Antenna – $\lt; 30\text{MHz}$



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

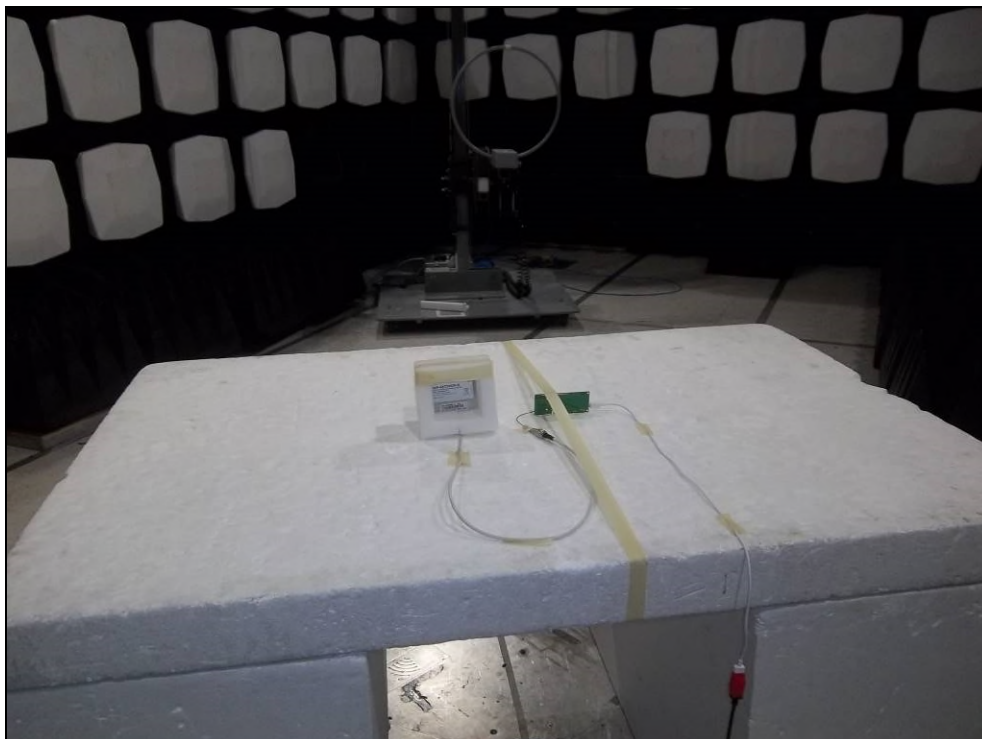


Figure 10: Equipment Under Test – Radiated Emissions – Patch Antenna – <30MHz

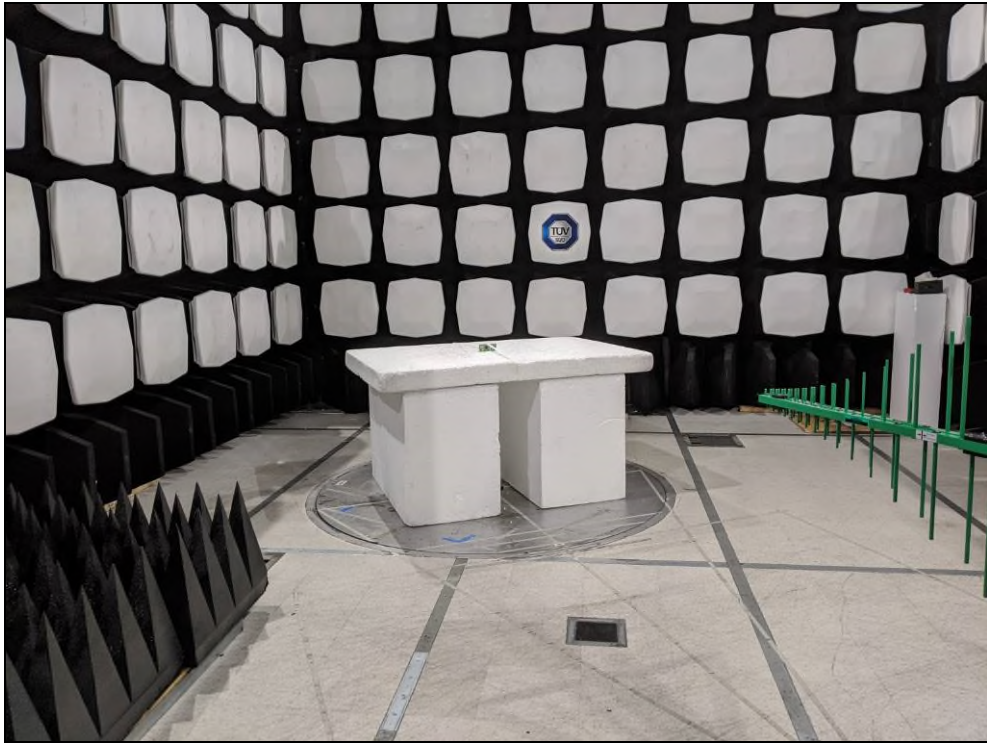


Figure 11: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <1GHz

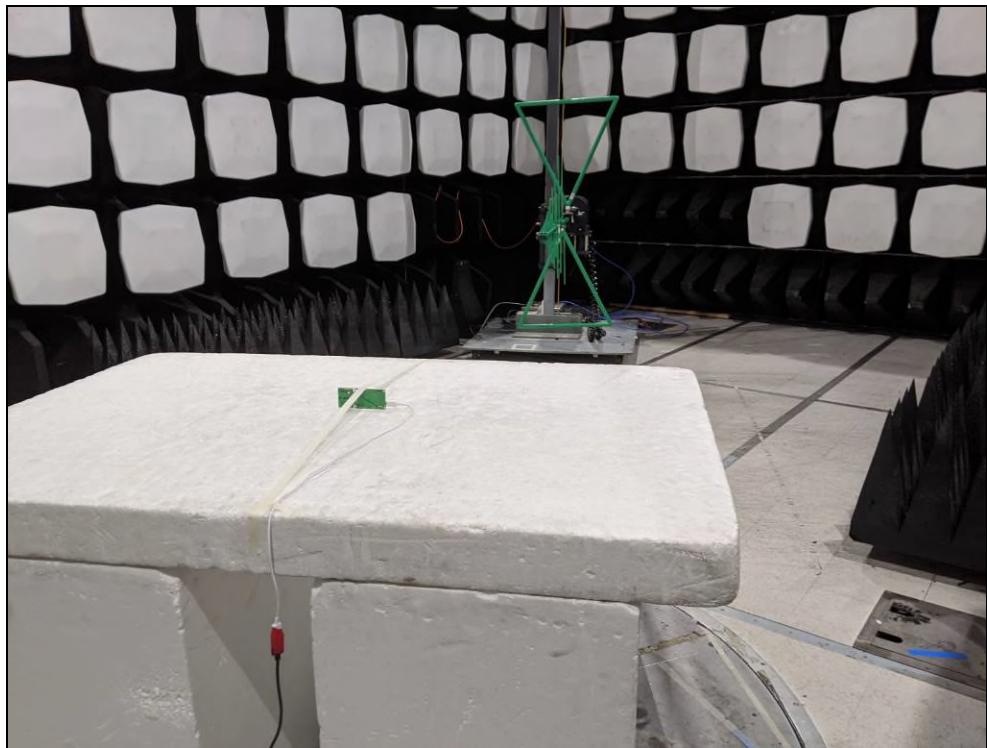


Figure 12: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – <1GHz

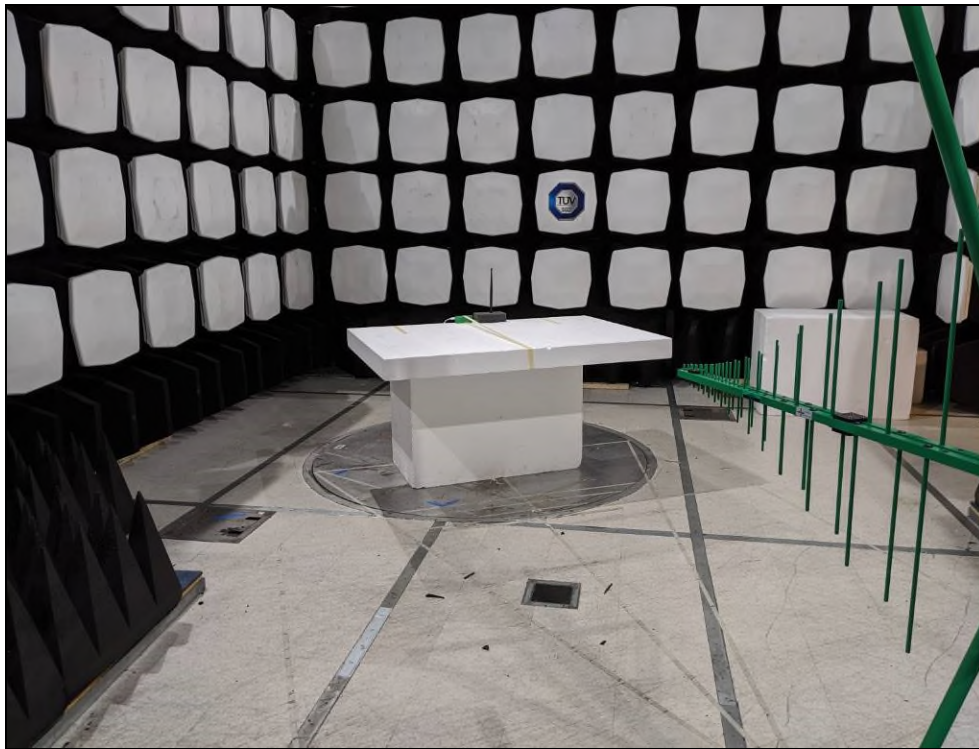


Figure 13: Equipment Under Test – Radiated Emissions – Dipole Antenna – <1GHz

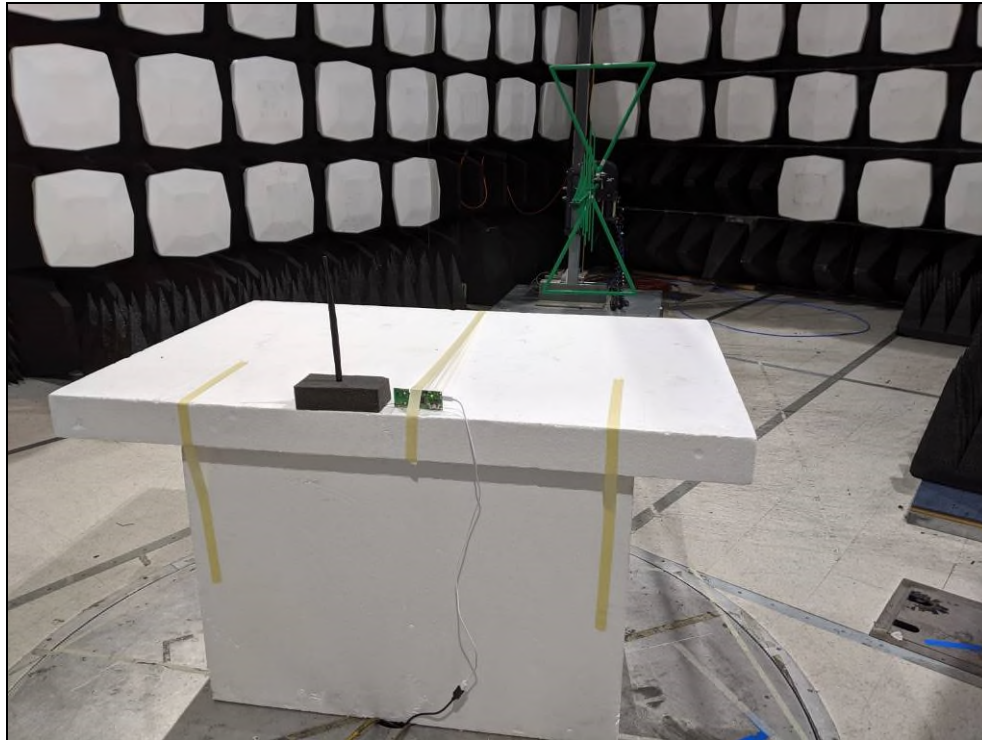


Figure 14: Equipment Under Test – Radiated Emissions – Dipole Antenna – <1GHz

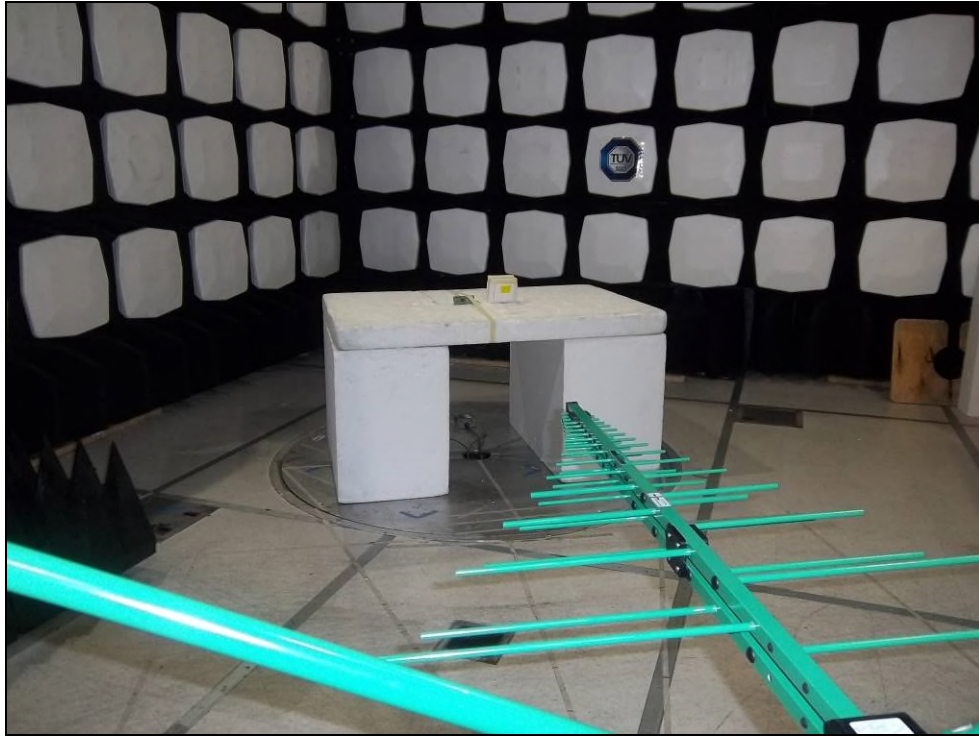


Figure 15: Equipment Under Test – Radiated Emissions – Patch Antenna – <1GHz

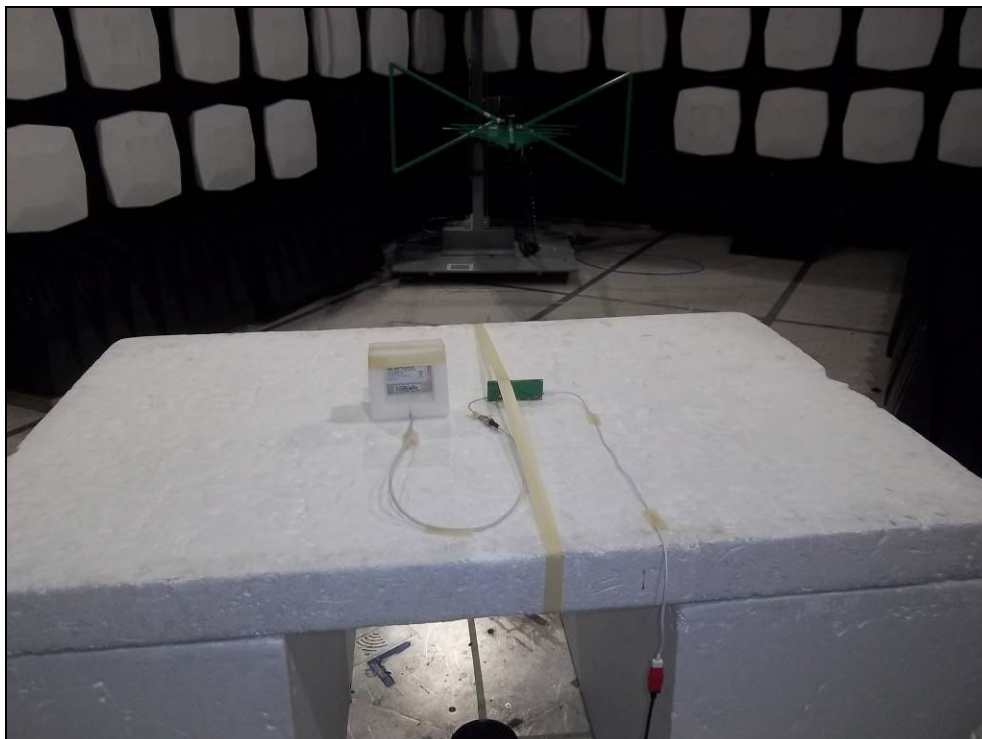


Figure 16: Equipment Under Test – Radiated Emissions – Patch Antenna – <1GHz

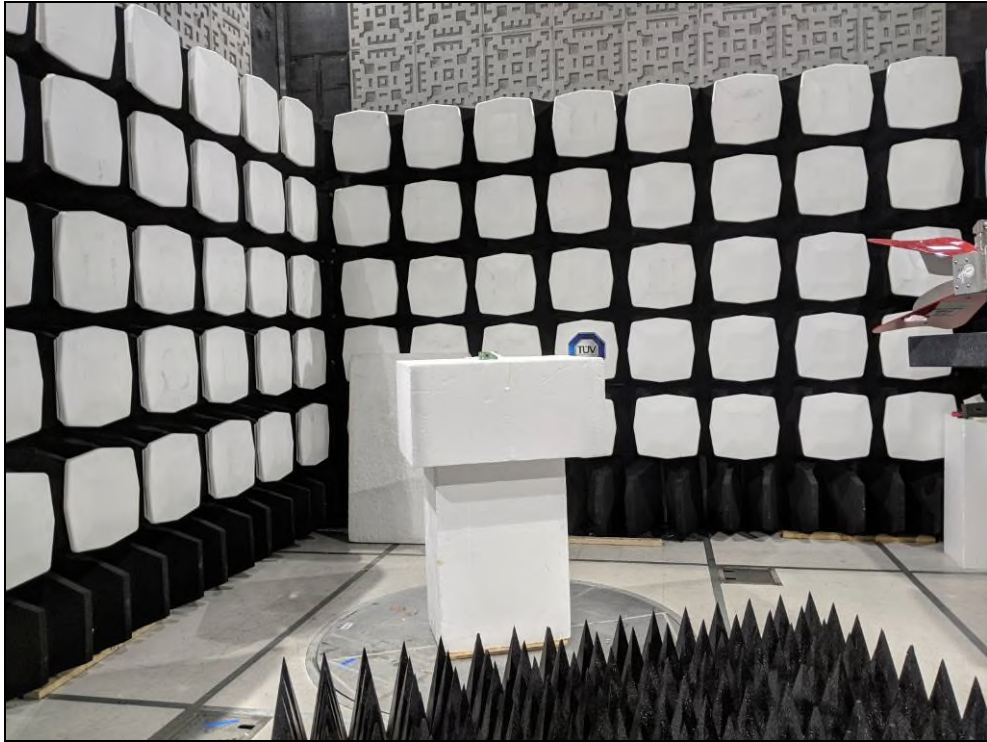


Figure 17: Equipment Under Test – Radiated Emissions – PCB Trace Antenna – >1GHz



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



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

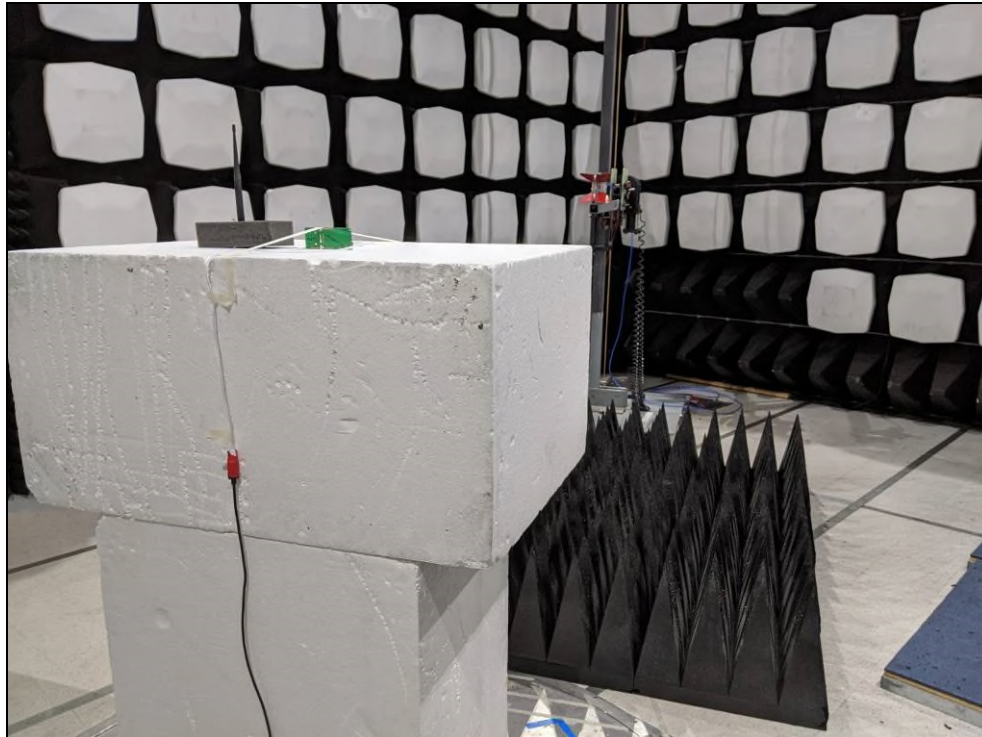


Figure 20: Equipment Under Test – Radiated Emissions – Dipole Antenna – >1GHz

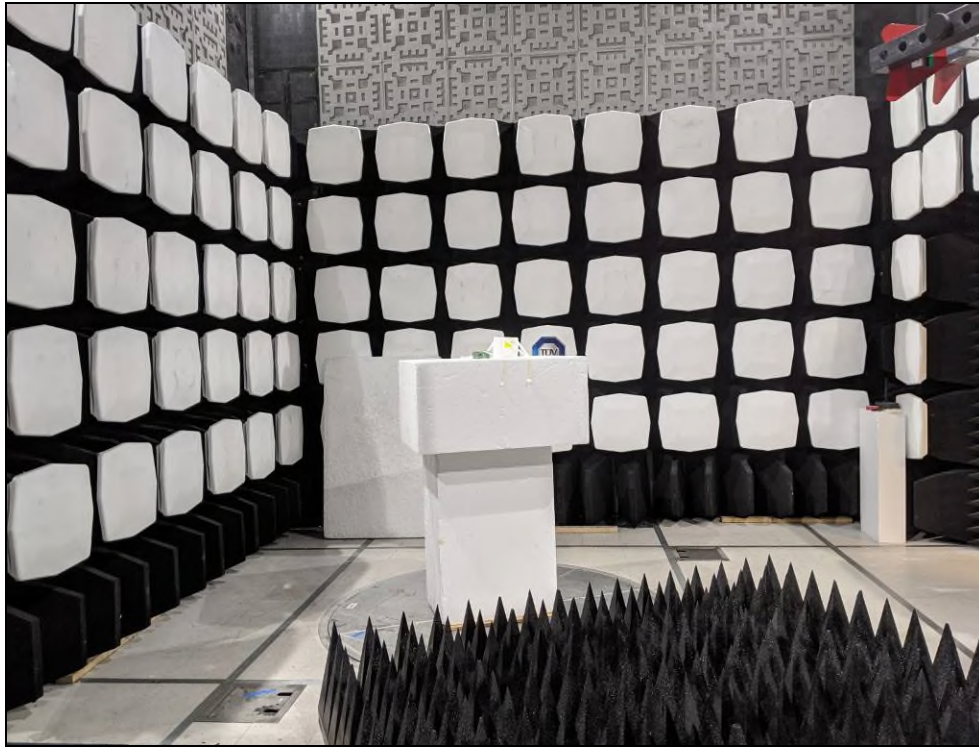


Figure 21: Equipment Under Test – Radiated Emissions – Patch Antenna – >1GHz

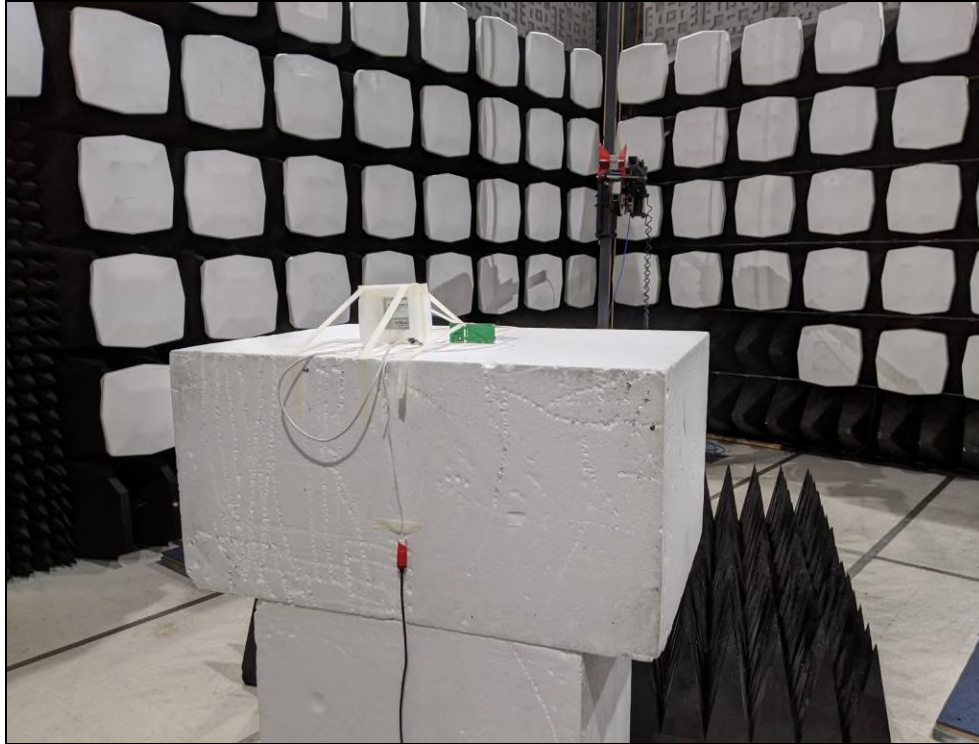


Figure 22: Equipment Under Test – Radiated Emissions – Patch Antenna – >1GHz



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

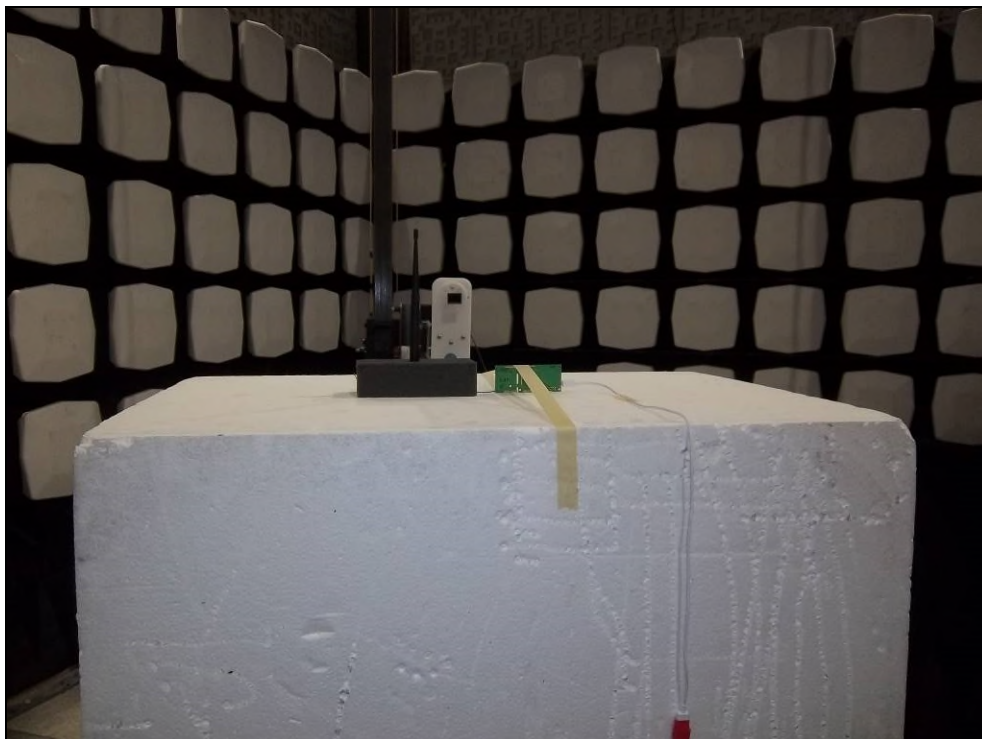


Figure 26: Equipment Under Test – Radiated Emissions – Dipole Antenna – >18GHz



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

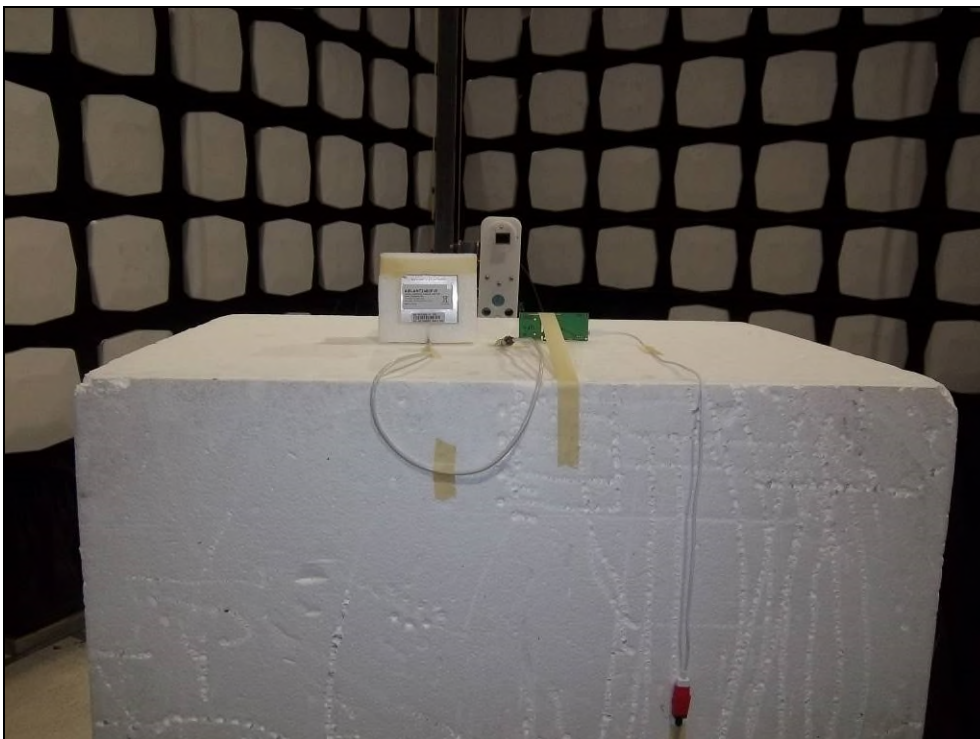


Figure 28: Equipment Under Test – Radiated Emissions – Patch Antenna – >18GHz

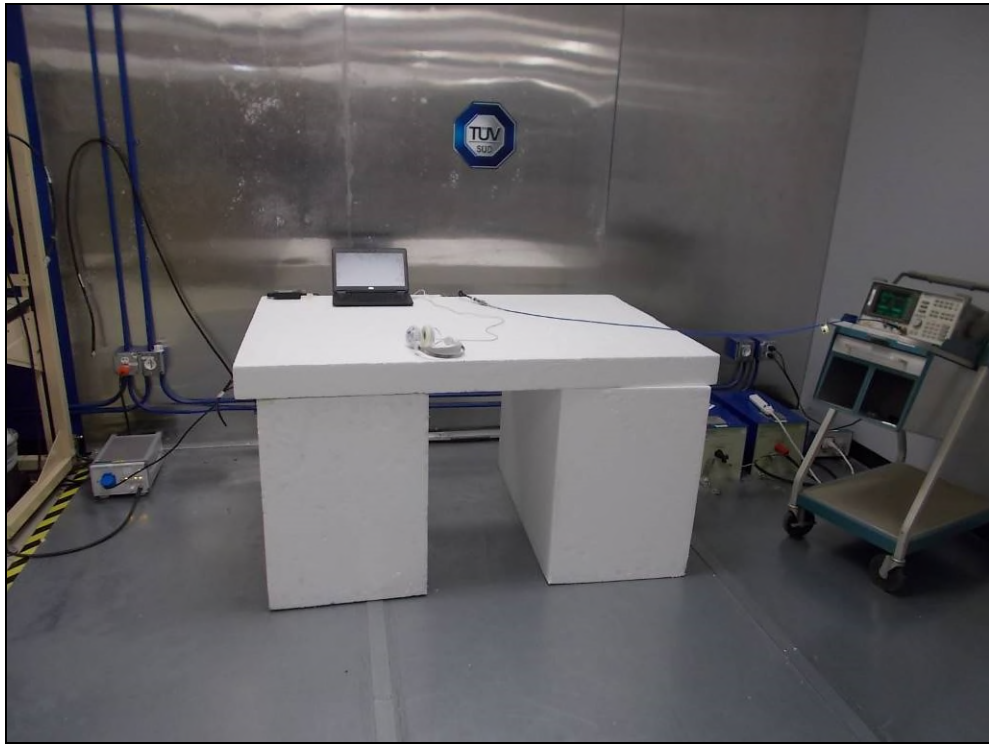


Figure 29: Equipment Under Test – AC Conducted Emissions

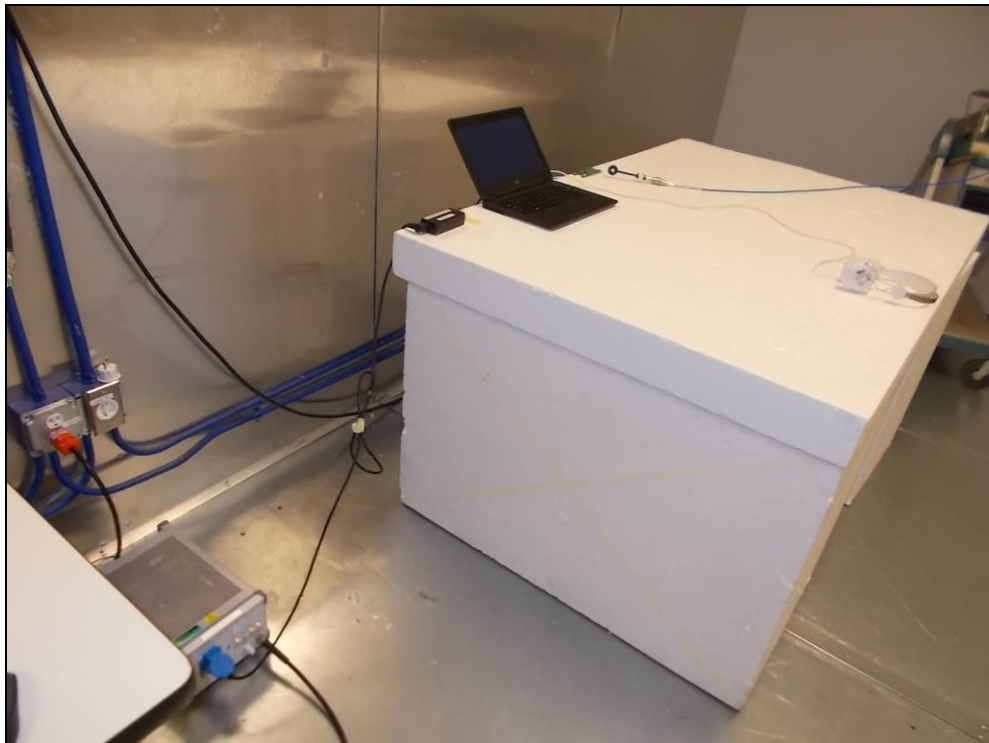


Figure 30: Equipment Under Test – AC Conducted Emissions