

FE5B Assembly Guide

Open Source Instruments

1. Align and tape floor panels



2. Assemble frame



3. Drape mesh over frame. Align both magnet strips along edges of frame.



4. Drill through both layers of the magnet strip with a self tapping screw at the top left corner of the metal frame. Drill through only the back layer of the magnet strip at the other corners. The top layer of the magnet strip should only be adhered to the frame at one point. Drill screws into the frame on the rear as shown on next slide.

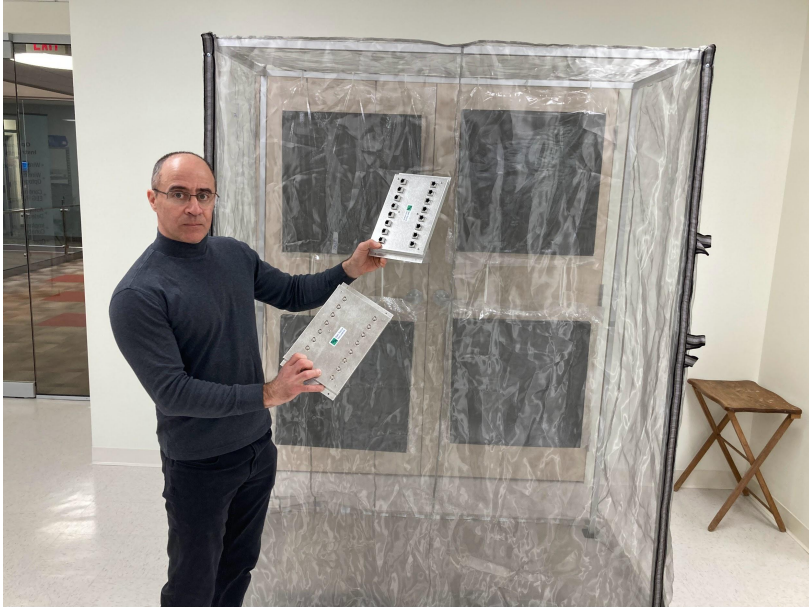




5. Hang upper absorbers from frame with cable ties. Attach the lower absorbers to the top absorbers with cable ties.

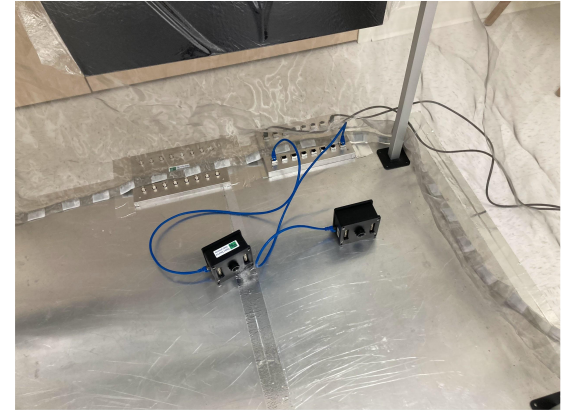


6. Place feedthroughs under the canopy on the back so that half of the board is inside the canopy and half is outside. Tape them down.



7. Connect antennas to BNC feedthrough, drape cords over absorbers. Connect camera to ethernet feedthrough if desired.

*Antennas should be angled in different directions, not flush against/perpendicular to the absorbers.





8. Make a cross-shaped cut in the mesh for ventilation ducts where desired.



