

Modular RF shielded room
Samsung Electronic Research Institute, EEP reference 1309
Completed February 2001

Description

Modular RF shielded chamber divided into 2 rooms with an internal RF partition. Constructed from prefabricated 2 mm thick galvanised steel panels and internally lined with melamine faced panels to give an office type environment.

Dimensions

5 mL x 3.6 mW x 2.4 mH

RF performance

Magnetic mode: 10 to 100 kHz, 60 dB rising to 100 dB

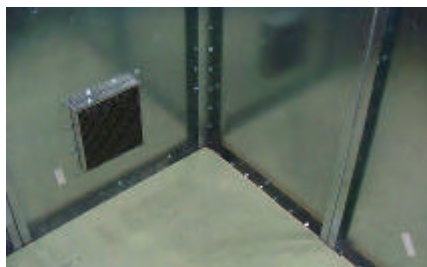
Electric mode: 1 kHz to 1 GHz, 100 dB

Planewave: 1 GHz to 10 GHz, 100 dB

External view of chamber after installation



Internal view of chamber showing lining and fittings

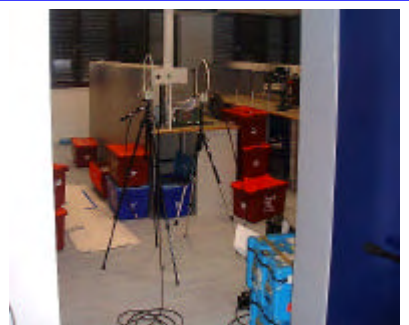


Internal view showing panel construction before lining

Removable penetration plate with FO pipe and connectors.



RF shielded ventilation vent



Test equipment being set up for final RF test

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