

The purpose of the experiment is to determine the attenuation effects of a variety of metallic and nonmetallic barriers to various frequencies (stated) and wattage up to a maximum of 100 Watts. No communication is utilized. Local field shielding effects at various distances will be evaluated. This may determine subsequent experimental designs.

Exhibit I

m.Fd Switching Power Supply

ICOM IC-718 HF Transceiver

SG-237 SmartTuner HF antenna coupler

Cross-needle type SWR Power meter

18g. plain wire (coiled) antenna (no tower)