

CCS has site descriptions on file with the FCC for 10 meter and 3 meter site configurations. CCS is a NVLAP accredited facility.

Radiated emissions from the digital portion of the EUT were performed on site B, one of the 3 meter sites.

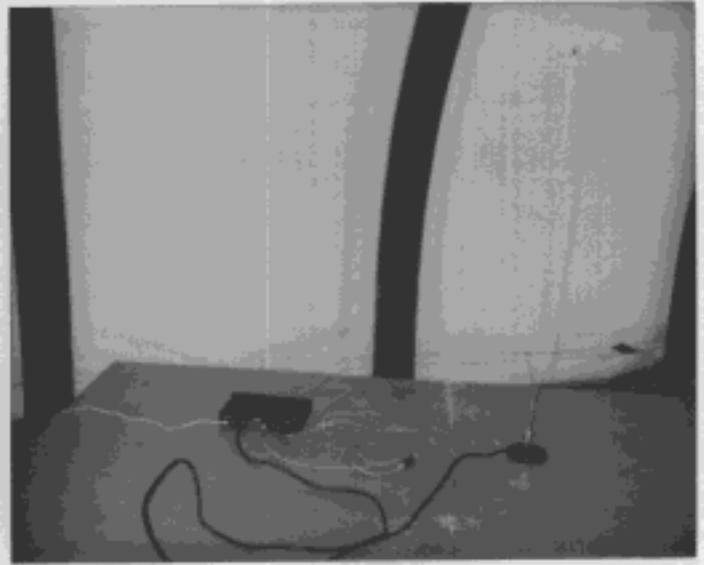
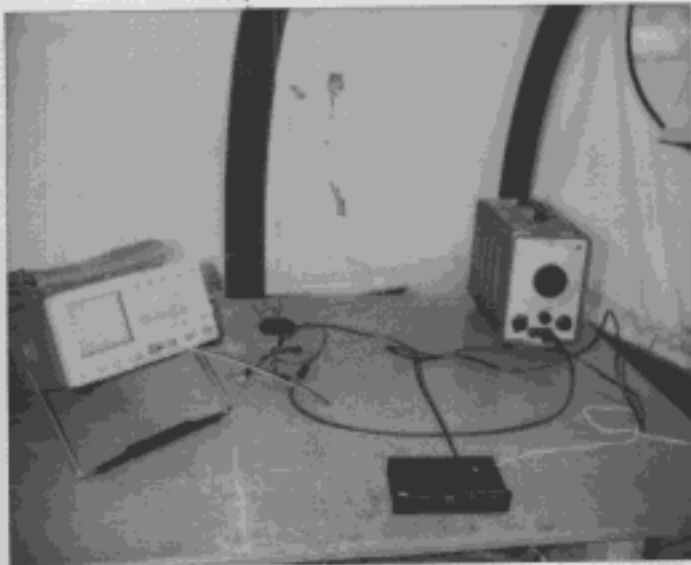
5. TEST PROCEDURES AND TEST RESULTS

Radiated Emissions Test Requirement: 15.237

Measurement Equipment Used:

HP 8546A EMI Receiver, 9kHz -6.5GHz
EMCO/3110 Biconical Antenna, 30 - 200mHz
HP 230C Audio Generator

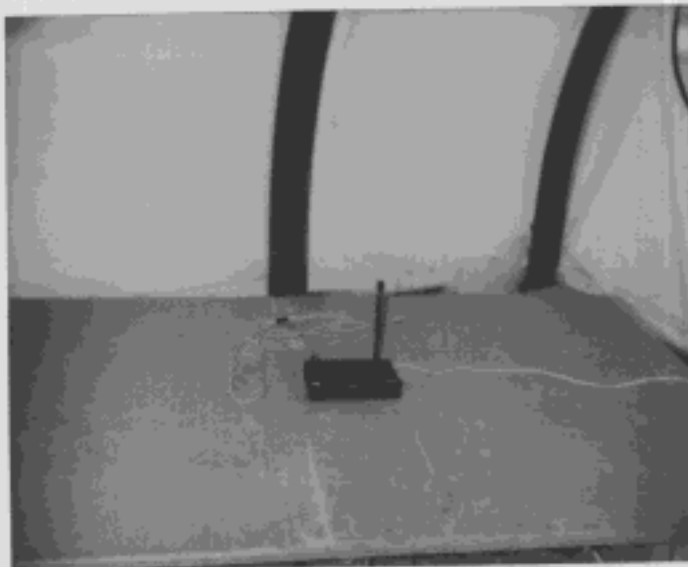
Test Setup



Test Procedures

1. Connect outputs of Audio Signal Generator to Audio inputs of EUT as a modulation voltage. Then turn on the EUT to activate transmission. Modulation level is set per EUT user instructions. (see Front panel controls and indicators in the user manual).
2. The EUT was placed on a wooden table on the outdoor ground plane. The search antenna was placed 3 ft from the EUT. The EUT antenna was mounted vertically as per normal installation.
3. The turntable was slowly rotated to locate the direction of maximum emission at each emission. Once maximum direction was determined, the search antenna was raised and lowered in both vertical and horizontal polarization. The maximum readings so obtained are recorded in the data listed below.
4. For occupied bandwidth tests, Audio generator sets to 100Hz, EUT's audio level was verified through overmodulation indicators, spectrum chart taken to show occupied bandwidth. Repeat same procedure with audio generator sets to 1kHz and 10Khz.

Test Results: Refer to attached tabular data sheets and occupied bandwidth charts.



AC Line Conducted Emissions Test Requirement: 15.207**Measurement Equipment Used:**

Rohde & Schwarz EMI Receiver ESHS-20

Fischer Custom Communication LISN, FCC-LISN-50/250-25-2

Test Set-up