

COM DEV/REC  
April 16, 2002  
FCC 731

Electronic

**COM DEV M/ERGY ACCESS POINT**  
**RF Measurements**  
**FCC Compliance w/Maximum**  
**Permissible Exposure (MPE)**

This "Access Point" transmitter and receiver were tested for Environmental Radiation compliance, using a NARDA RF Radiation test meter model 8718 s/n 01226, with probe model 8722B s/n 14002. The probe is shaped to IEEE Standard C95.1 1991, and reports in % of the standard; i.e., % of the controlled environment of maximum permissible exposure (MPE).

A thorough test of the cabinetry reported a maximum reading of 3.71% of the MPE, well below the occupationally controlled environment and below the general population uncontrolled exposure; i.e., the uncontrolled is 20% below the controlled. This amount measured 3.7% of controlled environment.

Maximum MPE=5mW/cm<sup>2</sup> controlled. 3.7% of 5mW/cm<sup>2</sup>=185.0E-3. (-7.328 dB below maximum MPE (1mW/cm<sup>2</sup>) of the general population uncontrolled environment.)

Com Dev Ex. M Pg. 1 MPE