

Occupied Bandwidth: FCC Part 24, Subpart D, 24.131

- **Test Conditions**

The pager was positioned standing on its narrow edge. This position was determined to have the worst case emissions. The HP spectrum analyzer was configured for a resolution bandwidth of 300Hz and a span of 65kHz. All spectrum analyzer measurements were made using the Peak detector function. The spectrum analyzer reference level was set to the unmodulated (carrier only) peak power level. This was done by starting a test routine on the pager that generates carrier only. This reference trace was stored in the memory of the spectrum analyzer. Next, internal test code was started in the pager that continuously modulates the transmitter with pseudo-random data. An overlay of the carrier only spectrum, the occupied BW, and the FCC mask was plotted from the spectrum analyzer.

- **List of Test Equipment**

1. Spectrum Analyzer, Hewlett Packard, Model No. 8594E, S/N 3911A06947. Calibration date: May 3, 1999. Calibration due date: May 3, 2000.

- **Diagram of Test Setup**

