

Occupied Bandwidth: FCC Part 24, Subpart D, 24.133 FCC Part 90, Subpart I, 90.210

• Test Conditions

The @ctivelink module was positioned standing on its right side. 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 module that generates carrier only. This reference trace was stored in the memory of the spectrum analyzer. Next, internal test code was started in the module 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. 8591E, S/N 3346A02282.
Calibration date: March 18, 2000. Calibration due date: March 18, 2001.

• Diagram of Test Setup

