

Frequency Variation vs. Temperature: FCC Part 24, Subpart D, 24.135 FCC Part 90, Subpart I, 90.213

• Test Conditions

The @ctivelink module was positioned standing on its bottom, 68-pin-connector edge inside of a Thermotron temperature test chamber. The module was programmed such that all transmissions from the module were unmodulated (carrier only) in order to facilitate accurate measurements of the carrier frequency. The HP modulation domain analyzer was configured to have a span of 6.4kHz. An acknowledgement transmission, which is representative of all transmissions from the module, was captured on the modulation domain analyzer at temperatures between -30 and $+50^{\circ}\text{C}$ in 5°C steps. The carrier frequency deviation was measured from the modulation domain analyzer capture.

• List of Test Equipment

1. Modulation Domain Analyzer, Hewlett Packard, Model No. 53310A, S/N KR93200189. Calibration date: April 27, 2000. Calibration due date: April 27, 2001.
2. Temperature Test Chamber, Thermotron, Model No. S8C, S/N 23834. Calibration date: November 10, 1999. Calibration due date: June 1, 2000.

• Diagram of Test Setup

