GLENAYRE™

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Frequency Stability:
FCC Part 24, Subpart D, 24.135

• Test Conditions

The @ctiveFind device was placed in holster position inside a temperature test chamber with an external 1.10Vdc power supply replacing the AA battery. The device was programmed such that all transmissions from it were unmodulated (carrier only) for the first 15 ms in order to facilitate accurate measurements of the carrier frequency. An acknowledgement transmission, which is representative of all transmissions from the device, was captured on the vector signal analyzer at temperatures between –30 and +50°C in 10°C steps. The carrier frequency offset was measured from the vector signal analyzer capture.

• List of Test Equipment

1. Vector Signal Analyzer, Hewlett Packard, Model No. 89441A, S/N 3416A00986. Calibration date: May 6, 2001. Calibration due date: June 6, 2002.

2. Temperature Test Chamber, Tenney Environmental, Model No. TUJR, S/N 27503-04. Calibration date: September 26, 2000. Calibration due date: September 26, 2001.

3. Power Supply, Xantrex, Model No. HPD15-20S, S/N 13702. Calibration date: April 17, 2001. Calibration due date: April 17, 2002.

• Diagram of Test Setup