



Test results for FWT-8100 Cellular Fixed Wireless Terminal
Frequency Stability vs. Battery Voltage

Date of Test: April 10, 2001
Test Engineer: Shahrokh Zardoshti
Unit Serial Number: 005
Test Equipment: HP 8920B Radio Test Set
HP E3630A Power Supply

Test Method: The unit under test was connected to an external power supply and the RF output connected to the HP 8920B via a calibrated coaxial cable. The power supply was varied from 3.4 volts to 4.5 volts and the frequency and TX power recorded on the HP 8920. Printouts from the HP8920 at each voltage is recorded for reference. Test was done in AMPS mode.

Tx Frequency: 836.01 MHz
Tolerance: +/- 2091 Hz

Supply (Battery) Volts	Frequency (MHz)	Difference (" Hz)	Output Power (dBm)
3.8	836.010086	86	25.80
4.0	836.010129	129	26.00
4.4	836.010176	176	26.25
4.9	836.010200	200	26.34