



Tellus Technology, Inc., Wireless PC Card Modem **Date of Test: 7/16 & 24/98, 8/21/98, & 9/1-2/98**
FCC ID: NZ6M8130C

10.0 Frequency Stability vs Temperature, FCC § 2.995(a), § 22.355
Frequency Tolerance: ± 2.5 ppm

10.1 Test Procedure

The equipment under test was connected to an external DC power supply and the RF output was connected to a frequency counter via feedthrough attenuators. The EUT was placed inside the temperature chamber. The DC leads, RF output cable, and external PTT cable exited the chamber through an opening made for that purpose.

After the temperature stabilized for approximately 20 minutes, the external PTT switch was activated, and the frequency output was recorded from the counter.

10.2 Test Equipment

Temperature Chamber, -50C to +100C
Hewlett Packard 5383A Frequency Counter
Goldstar DC Power Supply, GR303
Rohde & Schwarz ESVP Test Receiver

10.3 Test Results

Test Result:	Passes
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Frequency: 837.00 MHz Tolerance: ± 2091 Hz		
TEMPERATURE, °C	FREQUENCY (MHz)	DIFFERENCE (Hz)
50	836.999948	-52
40	836.999870	-139
30	836.999914	-86
20	836.999986	-14
10	836.999968	-32
0	836.999916	-84
-10	836.999924	-76
-20	836.999902	-98
-30	836.999874	-123