

COM DEV/REC  
March 30, 2002  
FCC 731

Electronic

COM DEV Broadband  
**M/ERGY "Access Point"**  
FCC §2.1055  
Frequency vs Voltage

**Specifications of Manufacturer for PCS per tests:**

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| <b>Temperature Range</b>                | <b>-40 to +85°C</b>                       |
| <b>Maximum Frequency Deviation</b>      | <b><math>\pm 7 \times 10^{-10}</math></b> |
| <b>Frequency Deviation Volts Change</b> | <b><math>0.2 \times 10^{-10}</math></b>   |

**Conditions:**

No Heater involved  
Unit TX Po <3 watts (.2 w. max.)

**Notes:**

See Manufacturer's specifications on next page.

Unit is a VCTXO oscillator.

Frequency is maintained well within FCC §24.235:

"The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized frequency block."

Frequency blocks are 15 and 5 MHz.

Required emissions bandwidth is 1.4 MHz.

**See Exhibit Ex J6 Attached.**

Com Dev Ex. F