Necessary Bandwidth Calculations applicable to the Palm VII

$$2M + 2D = Bn$$

$$2(8 \text{ kbps}) + 2(+/- 2 \text{ kHz})$$

$$16 + 4 = 20 \text{ kHz}$$

This formula does not apply well with the modulation type used with this device. The modulation is an 8 kbps GMSK (QPSK subset) waveform of BT=0.3. Peak deviation is +/- 2 kHz. The data protocol is referred to as Mobitex.

A 99% Bandwidth measurement is provided on page 5 of the Palm VII Test report to support the requested emissions designator. The measured 99 % Bandwidth is 7.04 kHz well within the requested 16 kHz.