

October 2, 1998

Joe Dichoso  
Federal Communications Commission  
Equipment Authorization Division  
Applications Processing Branch  
7435 Oakland Mills Rd  
Columbia, MD 21046

Ref: FCC ID# IMKRL81PC Permissive Change

Joe,

Here is the recalculated MPE distance using  $1\text{mW}/\text{cm}^2$  and a duty cycle of 100% (worst case)

MPE Distance =  $[(\text{Output Power} * \text{duty cycle} * 10(\text{antenna gain}/10)) / (4 * \text{II} * \text{Exposure Limit}(\text{mw}/\text{cm}^2))]^{1/2}$

MPE Distance =  $[(446\text{ mW} * 1 * 1.26) / (4 * 3.1416 * 1)]^{1/2} = 6.7\text{ cm} = 2.63\text{ in}$

The MPE distance is still within the distance called out in Proxim's warning statement.

Warning! It is the responsibility of the installer of this antenna, as well as the user of this product, that this antenna be placed at least 7.5 cm (3 inches) from any person. This is necessary to insure the product is operated in accordance with the RF Guidelines for Human Exposure which have been adopted by the Federal Communications Commission.

Proxim has followed the proper procedure by calculating the MPE distance and putting the warning statement in the manual. Proxim sells this device as a peripheral and cannot guarantee the host device.

Sincerely,

Chris Byleckie  
technical Director