

From: Jim Jesse

To: John Kennedy

Date: October 08, 2001

Subject:

Call sign WC2XSG (0198-EX-PL-2001)- Reply

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Message:

October 10, 2001

Subject: Call Sign WC2XSG (0198-EX-PL-2001)

Experimental License Justification

(Reference: E-mail from Jkennedy@fcc.gov, dated 10/04/01)

1. Is it possible to move testing outside the LA area to a more remote location?

IPMN Response: IP MobileNet Inc prefers to perform the tests in closed proximity to its manufacturing facility in Santa Fe Springs, CA. IP MobileNet's patented diversity receiver system is designed to improve performance in multi-path environments. The LA urban area is ideal for testing in a multi-path multi-path environment.

2. Is it possible to reduce the radius of operation to 32km (20 miles) (CFR 47, Part 90)?

IPMN Response: Yes.

3. What steps have been taken or will be taken to prevent interference to existing land mobile systems?

IPMN Response:

- a) The proposed base station system equipment will include especially designed intermodulation interference suppression equipment which incorporates dual-isolators, low-pass harmonic filters, and bandpass/bandreject transmit filters.
- b) All interface connections will be shielded for EMI/RFI protection.
- c) The base station shall be constructed with adequate ventilation and using highly-stable power supply for transmit/receiving frequencies stability.
- d) The base station equipment will be installed in a controlled environment at our Santa Fe Springs facility.
- e) The base station and mobile radios will not be operated beyond the