



11006 East Telegraph Road
Santa Fe Springs, CA 90670-3785
562-946-9493
800-348-1477
Fax: 562-949-0223
www.ipmobilenetinc.com

October 12, 2001

Mr. John Kennedy
Federal Communications Commission
Experimental Licensing
Fax: 202-418-1944
Ph: 202-418-2484

Dear Mr. Kennedy,

Enclosed is IPMN's reply to the e-mail we received from you on October 4, 2001 concerning our application for Experimental Radio License.

I can be contacted at 562-946-9493, Ext. 110 for any additional information you may need.

Respectfully,

A handwritten signature in black ink, appearing to read "Jim Jesse", is written over the printed name.

Jim Jesse
Director-Engineering

/ldc
Enclosure

October 12, 2001

**Reply to Correspondence Sent by OET ELS Branch
Pertaining to a Pending Application**

Form Confirmation Number: EL1147

Reference Number: 1465

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

Experimental License Justification (Ref: E-Mail Jkennedy @fcc.gov, dated 10/04/01)

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

IPMN Response:

IP MobileNet Inc (IPMN) prefers to perform the tests in closed proximity to its manufacturing facility in Santa Fe Springs, CA. IPMN'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 environment.

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

IPMN Response: Yes.

3. What steps have been taken 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 (IM) interference suppression equipment. This IM suppression equipment 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 equipment will be constructed with adequate ventilation and will be provided highly stable power supplies.***
- 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 operate beyond the FCC-authorized effective radiated power.***
- f) Mobile units will not be allowed to operate closer than 500 feet to other fixed wireless receiving facilities.***
- g) The channel will be monitored before transmissions.***

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(Continuation)

h) Transmissions will be in short bursts of between 62 and 248 milliseconds, with a duty cycle of between 6 and 25%.

4. Is it possible to limit operation to non-public safety channels?

IPMN Response:

Yes. As long as the frequencies that will be assigned to us are within the frequency band from 400 to 512 MHz.

5. Is it possible to obtain concurrence from the land mobile frequency coordinator?

IPMN Response: Yes. Please let us know the Frequency Coordinator we need to contact.

/ldc