

Correspondent ack & (encl 2)

Attachment 1

Pacific Monolithics, Inc.

FCC Form 442 for Experimental Radio Service

dated February 6, 1998

Question 5 -- Location of operation

Pacific Monolithics is requesting permission to test up to 200 transmitter modules at various locations in the United States. This is an MDS band transmitter and many organizations were granted licensees for transmission of video. Many of these have requested Pacific Monolithics to demonstrate our prototype digital data transmission equipment. Our intentions would be to supply up to 20 transmitters each to several license holders. Of course, our operation would be at the request of the licenses holder, so there is little chance of interference with existing spectrum usage.

Attachment 2

Pacific Monolithics, Inc.

FCC Form 442 for Experimental Radio Service

dated February 6, 1998

Question 10 -- Research objectives

- (a) Pacific Monolithics, in conjunction with the local license holders, will investigate QPSK and 16 QAM modulation for the return path of two-way wireless internet access system on the MDS band. Some of the specific issues to be resolved include multi-path, fade, frequency stability, and BER issues.
- (b) The objectives include development of a commercially viable, low cost, reliable transmitter/receiver module for full duplex digital data communications.
- (c) Pacific Monolithics has long been known for its innovative, low cost, high performance MDS / MMDS downconverter and scrambling / decoder product lines. Our first products for transmitters in this MDS frequency range will be developed during 1998.

memo

From the desk of:
Eric Wilson

Attn: Nancy Han Room 264 A

Dear Nancy,

Here is a completed submission
for your file # 6075-EX-PL-98

I am SORRY for the incomplete
paper work.

Eric

PS- please call if you have any
questions