



**MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
PLASMA SCIENCE AND FUSION CENTER**

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To: Federal Communications Commission  
Experimental Radio Service

*5956*  
*mclee@mit.edu*

From: Prof. Min-Chang Lee

Date: 17 May, 2002

Re: Submission of FCC Form 442 for a Frequency License

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Dear Sir or Madame:

Our basic scientific research, using MIT's portable HF/VHF radar, is sponsored by the Air Force Office of Scientific Research (AFOSR) under the contract number F49620-01-1-0481, and monitored by Dr. Kent Miller of AFOSR/NE (703-696-8573, Kent.Miller@afosr.af.mil).

In the past we received frequency licenses to operate MIT's portable radar at Millstone Hill, Westford, Massachusetts through the Air Force Frequency Management Agency (AFFMA) via Air Force Materiel Command (AFMC). Our point of contact was Mr. William J. Morgan of HQ AFMC/SCOC (937-656-0782, William.Morgan@wpafb.af.mil). Our latest frequency license assignment for the period of 1 February 2002 - 30 April 2002 was obtained from the AFMC/SCOC via the NTIA process.

However, a recent rule change (see NTIA manual paragraph 9.1.4) states that government contractors in possession of the transmitting equipment must now apply via FCC process for future experimental/temporary assignments. Thus, we have filled in the FCC Form 442 (see attached) and enclosed a check of \$50 as the application fee, to apply for a renewed frequency license, to continue AFOSR-sponsored experiments in Massachusetts. Details of the afore-mentioned information on our AFOSR-sponsored research and on our previous frequency license assignments are given in our FCC Form 442 as exhibits 2 and 3, respectively.

Your kind attention and help is highly appreciated. We look forward to hearing from you at your earliest convenience.

*Min-Chang Lee*