

DEPARTMENT OF ELECTRICAL AND  
COMPUTER ENGINEERING  
BRIGHAM YOUNG UNIVERSITY  
459 CLYDE BUILDING  
PO BOX 24099  
PROVO, UTAH 84602-4099  
(801) 378-4012 / FAX (801) 378-6586



2 Feb. 1999

FCC  
Experimental Radio Service  
P.O. Box 358320  
Pittsburgh, PA 15251-5320

To Whom It May Concern,

On behalf of my colleagues and myself, we would like to apply for an Experimental Radio Service authorization to operate a low-power research radar system which we are developing for NASA. The system is a small interferometric synthetic aperture radar (IFSAR) system which will be used to study changes in terrain over time as part of NASA's Global Change Initiative. We have been previously granted a STA authorization (file number S-2353-EX-96) for this experiment. Attached is an FCC Form 442 and a check to cover the filing fee.

I hope we have provided enough information to enable a favorable approval decision. This experiment is important in the development of advanced radar remote sensing systems. If you have questions, concerns or require further clarification, please don't hesitate to contact me.

Sincerely,

Dr. David G. Long  
Associate Professor  
Electrical and Computer Engineering Dept.  
Brigham Young University  
459 Clyde Building  
Provo, UT 84602  
voice: (801) 378-4383 fax: (801) 378-6586  
long@ee.byu.edu