



Agilent Technologies

Innovating the HP Way

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Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

To Whom It May Concern:

Enclosed is an application for the experimental radio service (FCC Form 442). I have made every effort to fill out the application completely. If there is ambiguity in any of the information that I have provided, please contact me and I will do my best to clarify.

Agilent Technologies builds systems that collect signals in the HF/VHF/UHF environment that are of interest to agencies of the Department of Defense. In order to continue to develop capabilities to address the new complex signals that are being collected we need the ability to test our system against a known transmitter. Our plan is to transmit various digital signals that resemble the types of signals that the Department of Defense agencies are interested in collecting.

Under the guidance of Tony Serafini in the FCC Office of Engineering Technology in Washington, D.C., I have selected frequencies in the FIXED MOBILE and ISM EQUIPMENT allocations. I selected the frequencies near the amateur radio bands because the IC-756Pro transceiver that we are using will perform better when it is used near the frequencies it was designed for. If a frequency that I have selected conflicts with another allocation, please select another frequency in roughly the same area of the spectrum. If you cannot do this, please remove the frequency in conflict from our application and give consideration to the other frequencies I have selected.

Thank you very much for taking the time to review our application and to work with me to provide us with the authorization we require.

Sincerely,

John Roberts