



Warren Ziegler <warren.ziegler@gmail.com>

Request for Concurrence on FCC Experimental License

3 messages

Warren Ziegler <warren.ziegler@gmail.com>

Fri, May 6, 2016 at 7:49 AM

To: timothy.j.pawlowicz@faa.gov

Dear Mr. Pawlowicz,

I am applying for an FCC Experimental license to test new digital data transfer techniques over HF radio using Near Vertical Incidence Scattering (NVIS) propagation. The FCC Office of Engineering and Technology has requested that I seek FAA approval since part of the experiment involves frequencies assigned to Aviation under the Part 2 Allocation Tables in the FCC Rules and Regulations (Code of Federal Regulations, Title 47 Chapter 1 Sub-chapter A Part 2 Paragraph 106). The frequency bands in question are 4.74 to 4.75 MHz and 5.005-5.06 MHz. A search of the FCC database shows no active licensees in the Aviation service in either band. The antennas are located in the Northeast, specifically in Massachusetts, Maine, New York, and Pennsylvania.

The FCC file number for this application is 0254-EX-PL-2016.

I am attaching a copy of the experimental description.

I respectfully request FAA concurrence with the proposed experimental license application.

Please feel free to contact me with any questions or concerns that the FAA might have.

Sincerely,

Warren H. Ziegler, Ph.D.

WHZ Consulting

[\(202\) 709-3674](tel:(202)709-3674)

 **4-10MHzExperimentalLicense v2.pdf**
515K

timothy.j.pawlowitz@faa.gov <timothy.j.pawlowitz@faa.gov>
To: warren.ziegler@gmail.com
Cc: gerard.pape@faa.gov

Fri, May 6, 2016 at 9:52 AM

Warren,

The HF aviation bands that we – the FAA – are concerned with are those allocated for the Aeronautical Mobile (Route) Service (AM(R)S). The bands that you are asking for are outside of the frequency bands allocated for that purpose, so my office has no objection.

I will tell you that the 4.74-4.75 MHz frequency band is allocated for the Aeronautical Mobile (Off Route) Service. This part of the spectrum is primarily used by the military services and I believe is controlled by the Air Force Spectrum Management Office. Just a “heads up”, there is a possibility that you might run into their objection when the license is coordinated through NTIA.

Tim

From: Warren Ziegler [mailto:warren.ziegler@gmail.com]
Sent: Friday, May 06, 2016 7:49 AM
To: Pawlowitz, Timothy J (FAA)
Subject: Request for Concurrence on FCC Experimental License

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Warren Ziegler <warren.ziegler@gmail.com>
To: timothy.j.pawlowitz@faa.gov
Cc: gerard.pape@faa.gov

Fri, May 6, 2016 at 10:46 AM

Dear Mr. Pawlocicz,

Thank you, I appreciate your quick response.
Will contact USAF Spectrum Management in order to head off any issues there.

Sincerely
Warren

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