

Program Experimental Eligibility (CFR 47 I A 5.302)

We believe we meet the Program Experimental eligibility requirements as a research lab of the University of Utah College of Engineering. Our college's graduate research program is ABET accredited:

<http://www.ece.utah.edu/accreditation>

See also the attached letter from the ABET EAC confirming accreditation for the current evaluation cycle (until September 30, 2022).

With respect to the §5.302 requirements:

- (a) Our experimentation will be conducted within the University of Utah campus and incorporated Salt Lake City municipality, in the vicinity of $40^{\circ} 46' 7''$ N, $111^{\circ} 50' 45''$ W. This area is entirely under University and Salt Lake City control. Please see the attached letters of support from relevant City and University officials.
- (b) We have institutional processes to monitor and manage a wide of research projects. In particular, all College of Engineering research work is co-ordinated by the Office of the Associate Dean for Research:
http://www.coe.utah.edu/research_office
managing the research projects of the college's 198 tenure-track faculty members.
POWDER project management will be handled by the Utah Education and Telehealth Network (please see attached letter of support from UETN Executive Director).
- (c) We have demonstrated expertise in radio spectrum management during previous RF experimental research projects, under conventional experimental licenses WH9XBS and WH2XFV, and program experimental license WA2XAV. By transmitting at minimal power levels, careful monitoring of experiment operations, and co-ordinating with other licensees authorized to operate on the relevant frequency bands, we are pleased to note that we have never observed an incidence of harmful interference in over 3 years of RF experiments.