

### **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.)

With respect to the §5.302 requirements:

- (a) Our experimentation will be conducted within the University of Utah campus, in the vicinity of  $40^{\circ} 46' 7''$  N,  $111^{\circ} 50' 45''$  W. This area is entirely under University of Utah control. Please see the attached letters of support from relevant 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](http://www.coe.utah.edu/research_office)  
managing the research projects of the college's 226 tenure-track faculty members.  
POWDER project management is 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 licenses WA3XAV and WA3XBO. 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 been able to minimise and resolve to the satisfaction of other licensees all instances of harmful interference during our 8 years of RF experiments.