

Response to Question 7 of Experimental License Filing

Description of Research.

The research to be completed under this Experimental License request for an extension of a previously granted STA is the completion of the original research that could not be completed during the initial six months due to delays in importing and installing the test equipment. The purpose of the continued testing is to ensure that the metering systems used by the Applicant in Europe operate properly with American water systems.

Specific Objective

During this continued phase of the test the Applicant will phase in transmitters that comply with the FCC's Rules and evaluate any system changes that need to be made due to the different propagation characteristics of transmitters at different frequencies. At the end of the test period Applicant will have migrated completely to a compliant frequency and will disengage all test units.

Development to the Radio Art

The test will contribute to the radio art by providing objective comparative evidence of the different software and system changes required when water metering systems are migrated from one transmitter frequency to another, accounting for the impact of different propagation characteristics and collision frequencies.