

From: Roland Lawler

To: Anthony Serafini

Date: June 19, 2012

Subject:

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Message:

Applicant: XATel, LLC

File Number: 0243-EX-PL-2012

Correspondence Reference Number: 17165

Date of Original Email: 06/07/2012

Date: 06/11/12

Purpose of Experiment .

Dear Sir,

XATel is developing radio equipment, and software for it's equipment. The radios XATel is manufacturing software defined radios. XATel is able to produce a product that will connect outlying rural areas of the state to the wireless Network using the UHF TV white space spectrum. Areas that are not serviced and drastic under serviced by any other communications network. The department of Agriculture has developed the rural broadband collation some time ago which provide low interest loads, or grants to less, or non populated areas that have little, or no broadband availability. Prior to FCC considering white space for wireless infrastructure it was not cost effective for an ISP to provide 100% coverage to area in Maine because of Maine's topographical lay out. XATel are requesting an Experimental License in order to accomplish our goal. Our next procedure after producing a successful experimental unit, is to submit it to the FCC for approval as stated by FCC compliance laws. XATel is also an ISP, with a growing wireless presence, and XATel wants to conduct experiments to determine the feasibility of utilizing the UHF white space for wireless connectivity for potential service to outlying rural areas of the state and to explore the potential for improvement of wireless standards to eliminate interference with other services. XATel feels that if it can develop a unit that is cost effective to the Internet Service Providers in Maine that it will lead to Maine's goal of being able to offer broadband for all citizens in Maine. XATel has the expertise, and knowledge to perform such a task. XATel has been providing wireless Internet to it's coverage area for over 10 years. Currently XATel provides WiFi hotspots to it's local community such as local parks, and public areas through out Biddeford, ME.

Our current wireless topology consists of 97 number of stations comprising 16 square miles.

Sincerely Roland Lawler,

Development Coordinator for GOXAW project