



Friday, December 06, 2013

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Attention:

Mr. Doug Young – Office of Engineering & Technology
Mr Anthony Serafini – Office of Engineering & Technology

Re: Use of experimental frequency

Dear Sirs,

Big River Broadband wishes to receive a Special Temporary Authority (STA) to operate a microwave link for a period of three (3) months. The nature of the experiment is to determine if an 18 gigahertz point to point microwave link will properly carry a common public radio interface (CPRI) connection wirelessly versus a conventional method utilizing fiber optic cables.

The radio vendor, CERAGON NETWORKS, asserts that their product, MODEL NUMBER FibeAir-IP-20C will replace a fiber optic connection that is normally placed between a remote radio head (RRH) and a base band unit. The intention of this experiment is to evaluate the product and verify its technical capabilities as represented by the vendor. The results will provide Big River with sufficient test data to assist in making a purchase decision.

We are including the results of a radio frequency interference study which has all technical specifications for the equipment and RF parameters as well as the link profile for the test path.

I trust you will find this information sufficient and provide us with an authorization to proceed. However, should you require additional information, please contact Jay Briscoe, Manager – Wireless Engineering and Operations at (314) 225-2255.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Keaveny", written in a cursive style.

Kevin Keaveny

Chief Technical Officer
Big River Broadband, LLC
(314) 225-2207