



Federal Communications Commission  
Washington, D.C. 20554

August 22, 2014

1800E1-KRH

WKOW Television, Inc.  
P.O. Box 909  
Quincy, IL 62306

In Re: Request for Authority to Operate an  
Experimental Facility  
BLDSTA-20140729ACG  
Fac Id: 64545

Dear Licensee:

This refers to the above-referenced application requesting authority to operate an experimental digital television facility on Channel 26 in Madison, Wisconsin, to evaluate the performance of the Orthogonal Frequency-Division Multiplexing (OFDM) emissions in various environments throughout the WKOW(TV) service area.

Specifically, you state that due to WKOW(TV)'s technical parameters and location this experiment would allow for real-world testing of new Zenith and GatesAir products for the purpose of moving the ATSC 3.0 standard forward for 4K, HD, SD and mobile platforms.

The terms of the proposal provide that this experiment will take place in late viewer "off hours" between 1 a.m. and 4 a.m. Also, only a small number of receiving devices, all in the control of professionals performing the experiments, will be involved and there are no two-way or commercial service components.

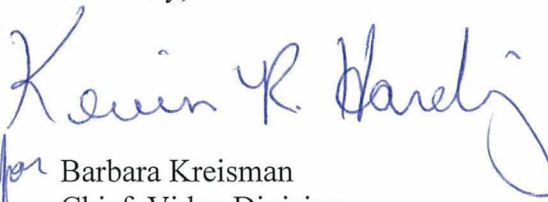
Importantly, the results of the experiment will be shared across the industry by and through organizations such as the National Association of Broadcasters, North American Broadcasters Association and the Advanced Television Systems Committee.

After a thorough review of the technical specifications, we are persuaded that no interference is likely to occur from the proposed operation because the experiment will be conducted using WKOW(TV)'s existing transmission facilities such that the signals produced by the experiment will be confined to WKOW(TV)'s service area. We therefore conclude that the public interest would be served by the grant of this request since the information obtained from the experiment may be valuable to the Commission's broadband initiative. However, we caution you that an experimental facility is secondary and may be summarily terminated if the operation causes interference to any other broadcast facility. Also, compliance with Section 1.1307(b) of the Commission's Rules (radio frequency radiation) is required.

Accordingly, the request for experimental authority to utilize OFDM emissions on Channel 26 in Madison, Wisconsin, IS GRANTED subject to the following conditions:

1. The grant of this authorization is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (*e.g.*, hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area that may potentially be affected by your operations.
2. A report of the research, experimentation and results, showing both positive and/or negative aspects of this experiment, shall be submitted to the Commission at the conclusion of this experimental operation.
3. This authority expires **one months** from the date of this letter.

Sincerely,

  
for Barbara Kreisman  
Chief, Video Division  
Media Bureau

cc. Stephen Hartzell, Esq.