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27 June 2015

Federal Communications Commission
445 12th Street
Washington, DC 20554

RE: Broadcast Experimental License Application 0419-EX-PL-2015

Dear Sirs:

This letter is submitted for the purpose of fulfilling the exhibit requirement in re the above referenced experimental license application.

In 2014, New Beginnings Fellowship Church, doing business under the Texas corporate name "Far Eastern Telecasters, Inc.," with permission of the licensee's attorney operated an analog TV station KVDO-LP for approximately 6 months. Due to a misunderstanding – licensee contended his attorney was not authorized to make such an agreement – the license for KVDO-LP was surrendered.

On April 17, 2015, the undersigned visited Washington to attend the FCC's open meeting and meet with FCC officials about KVDO-LP. The undersigned was advised that the license for KVDO-LP could not be reinstated. At the conclusion of the open meeting, the undersigned met with several FCC officials and discussed, among other things, an experiment exploring the feasibility of using TV band white space for a new and innovative low power community video/audio bulletin board service. In short, he was told to give it a try subject to the following limitations: (1) *no harmful interference caused to a licensed broadcaster*; (2) *no radical transmissions (to quote the example given by an FCC official, he said don't transmit images of animals being slaughtered)*; and (3) *cease transmissions after the spectrum auction and repacking of channels.*

Spectrumbridge.com maintains an FCC authorized database allowing users to search out what TV band “white space” is available for unlicensed use at specific geographical coordinates. New Beginnings Fellowship Church owns two tower structures. According to the white space database, the frequencies allocated for TV channel 6 are available for unlicensed use at both of our locations. Thus, the undersigned registered to use this space.


White Space Plus

[Devices](#) | [My Account](#) | [Contact Us](#) | [Support](#)
Log Off

Welcome joe@930classic.com!

Virtual Device List

[Show Registered Devices](#) | [Add Virtual Device](#) | [View Map](#)

	Latitude	Longitude	Antenna Height	Preferred Channel	Transmit Power	Allow Auto Discovery	Notes
Details Map Edit Delete	29.655073	-95.481298	15	6	36	True	
Details Map Edit Delete	29.825828	-95.37649	30	6	36	True	

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[Protected Areas](#) | [Channels](#) | [Networks](#) | [Map Types](#)



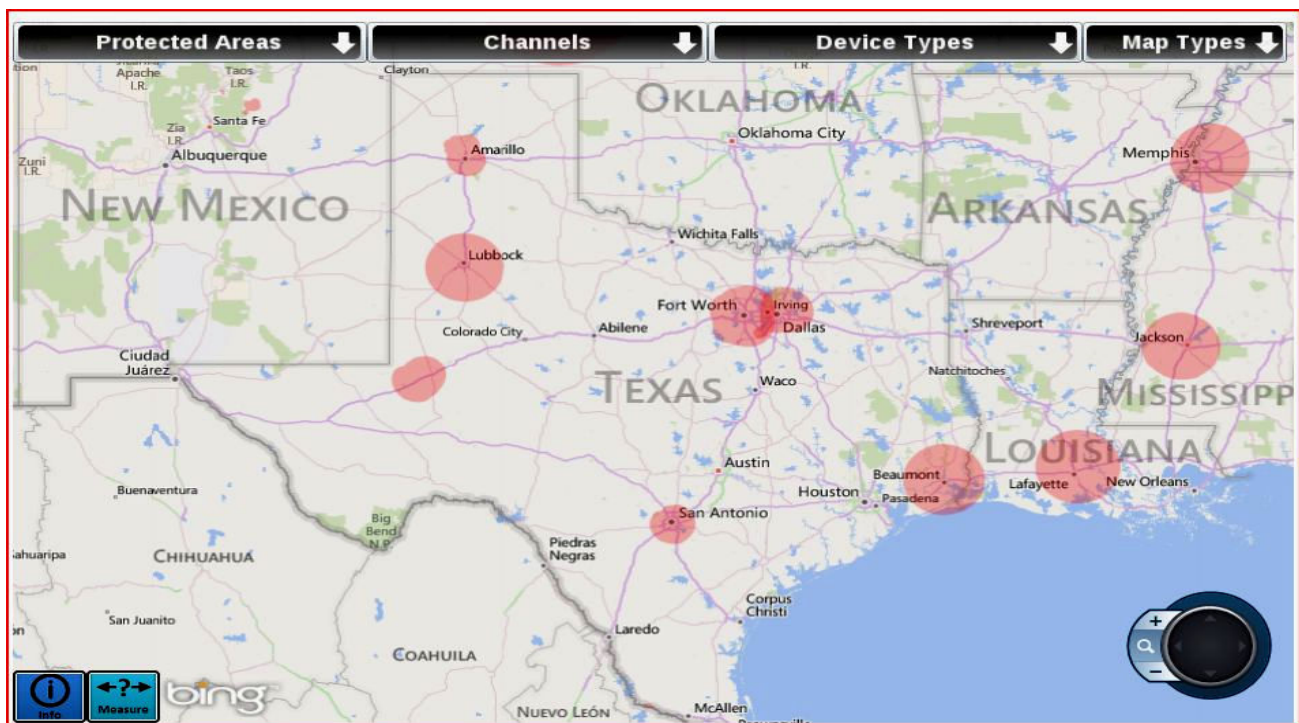



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On June 26, 2015, this ministry tested an experimental fixed white space device assembled from various components. One was a modulator capable of taking an HDMI video/audio source input, and generating a low level ATSC digital RF signal on 82.31 MHz (capable of being decoded by modern HDTVs). Another component was a simple FM modulator set to 87.9 MHz. The RF output of these components was combined and fed into a small two transistor amplifier capable of a maximum 4 watts output. This was fed into a 50 foot coax going to a J-Pole antenna mounted at a height of approximately 48 feet. It worked, but with disappointing results. The effective range of the device was only about a mile and a half. It probably would have traveled a little further, but there was substantial interference from a powerful Spanish pirate station operating on 87.9 out of Pasadena, Texas.

At this time, New Beginnings Fellowship Church makes application for a Part 5 Experimental Radio Service license for increased power above the limits already available for unlicensed white space broadcasting. See Section 5.54 (b) of the FCC regulations (*"Broadcast Experimental Radio License. This type of license is issued for the purpose of research and experimentation for the development and advancement of new broadcast technology, equipment, systems or services. This is limited to stations intended for reception and use by the general public."*)

This map depicts the service contours of all licensees currently using TV channel 6 (82 to 88 MHz). New Beginnings proposed low power operation in the Houston area is not predicted to cause interference to any licensed operation.



New Beginnings proposes to test and operate a new and innovative community bulletin board system, and conduct statistical analysis into the effectiveness and public willingness to accept, embrace, and integrate such a system into their daily lives. New Beginnings believes this experiment has a reasonable promise of contribution to the development, extension, expansion, and/or use of the radio art along lines not already investigated. This low power system will not deliver regular TV programming. Rather, it will relay audio, video, and other internet-based digital content (e.g., Emergency Alert System warnings, weather bulletins, amber alerts, traffic problems, community meetings, special events, posted messages, lost pets, neighborhood concerns, etc) that can currently be seen at this URL – www.tvjoe.net

Thank you for your time and due consideration of this request.

Sincerely,

Joe Donalson

Joe Donalson, Minister
New Beginnings Fellowship Church