

Applicant: SpectrumBridge, Inc
File Number: 0348-EX-PL-2010
Correspondence Reference Number: 11732
Date of Original Email: 08/19/2010

- 1) Please explain why your company need entire frequency band. Please send additional details on how the system works.

The system relies on TV white space frequencies. White spaces frequencies (and channels) are subject to change at any time and are allocated every 24 hours in accordance with the proposed rules as defined in the Commission's SECOND REPORT AND ORDER AND MEMORANDUM OPINION AND ORDER (08-260) In the Matter of Unlicensed Operation in the TV Broadcast Bands. Because the available channels may change at any time it is necessary to have access to the entire white spaces band to ensure continued spectrum availability during the experiments.

Spectrum Bridge's white space data base and spectrum management system operates as defined in our proposal to the Commission:

<http://fjallfoss.fcc.gov/ecfs/document/view?id=7020355177>

and enforces the rules as described in the Commission's SECOND REPORT AND ORDER AND MEMORANDUM OPINION AND ORDER (08-260) In the Matter of Unlicensed Operation in the TV Broadcast Bands.

- 2) It will cause interference to land mobile stations that are operating in these bands on the areas, what your company will do to prevent this issue?

As we do with our existing White Spaces experiments, sanctioned by the FCC (example 0269-EX-PL-200) Spectrum Bridge will use a fully functional and operational data base solution that applies and enforces the Commission's rules for unlicensed Operation in the TV Broadcast Bands. If interference is identified or reported, operations will cease until the issue is resolved.

- 3) How many units is your company planning to deploy at consumers premises?

12 spokes will be deployed in the network. However these spokes will be used to facilitate non-commercial (non fee based applications) such as wireless connectivity to security cameras, and free public internet access.

- 4) How long will this test run?

12 months

- 5) What will become of the user-installed equipment?

All equipment will be professionally installed and will be decommissioned or replaced with certified equipment as it becomes available.

6) Please send the statements to identify the test uses for experiment only, not for deployment.

Experiments will evaluate the performance and compatibility of WiMax (~802.16) systems and protocol in unlicensed bands, non line of site applications, compatibility with FCC rules and proposed data base solutions.

7) Who will be a point of contact if interference occurs? (including name and telephone number).

Jeff Schmidt
Director, Engineering
Spectrum Bridge, Inc.
1064 Greenwood Blvd, Suite 200
Lake Mary, FL 32746
407.792.1570, x509