



BridgeWave
COMMUNICATIONS

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Application for FCC Radio Experimental License

(Response to Question 7)

Refer to our application:

(a) Program:

1. **Location in Santa Clara/San Jose, California**
2. **Transmitter Frequency is 70-90GHz.**

(b) Specific Objective for Experimental Test:

There are two specific objectives.

3. **The first objective is to verify that radio meets its published specifications without creating interference to other air transmission.**
4. **The second objective is to prove the point-to-point capability of broadband technology over microwave radios.**

(c) Contribution to Radio Technology:

5. **The demand for wide area networking is mushrooming due to advent of data communications, which includes wide area private networking, the Internets networks, and multimedia communications.**

BridgeWave product point to point wireless product will provide access to these broadband services for small to medium size business users can take advantage of these services quickly and with utmost reliability for the latest voice, data, and multimedia applications.

- **Extends LAN backbones between buildings**
- **Connects buildings to metro fiber hub sites**
- **Enables centralization of IT facilities**
- **Provides GigE backbone for distributed servers**
- **Avoids construction costs and delays**
- **Creates temporary connections**
- **Creates redundant paths for fiber, copper or free space optic links**