

REFERENCE : FCC File #: 0190-EX-PL-2003
Exhibit #2

This correspondence is to explain that CenGen is not obtaining this license to develop a service.

CenGen is a support contractor to DARPA, other DOD components and to state governmental agencies and functions under contract or subcontract to the organizations. CenGen's support to these agencies is usually to monitor and collect data during field trials of systems that under development. These systems are usually in the proof of concept stage of development. CenGen chooses to operate these support functions in frequency bands that facilitate the development process. The 600 to 800 MHz band is the upper end of the UHF TV broadcast frequency range. Examination of the frequency licenses for UHF TV broadcasting in the vicinity of Piedmont, TN has indicated that there are no or a limited number of licenses. Therefore this license application is requesting operation in this range to enhance the proof of concept development process. After proof of concept, a "production" contract process would be conducted to build the system. That phase of development is beyond the scope of CenGen's involvement. The "production" contract may be to develop the system using the 600 to 800 MHz frequency. Or the "production" contract may specify some other frequency range; i.e., the DOD "owned" 1.755 to 1.85 GHz frequency region.

A recent example might be useful to illustrate CenGen's role. CenGen is investigating a DOD secure, wireless network PCMCIA computer card that operates in the 2.4 GHz region of the ISM band. The DOD "owns" frequencies in the 1.755 to about 1.85 GHz band. CenGen has had a manufacturer build a frequency converter that translates the standard 802.11b frequency channels into this 1.755 to 1.85 GHz frequency region, so that the DOD could use the system in government authorized frequencies and not in the 2.4 GHz ISM band. The manufacturer will provide a small, limited quantity of these units to CenGen to further the proof of concept for a possible future system.