

Justification for the experimental license request-

a. Proposed research and experimentation:

- Research and experimentation related to the Medical Body Area Network will be performed using the newly FCC allocated MBAN frequency bands as well as using ISM frequency bands.

b. Specific objectives:

- In our research we will be using an evaluation platform from Texas Instruments and will be developing our own wireless protocol. Ultimate objective is to design a prototype Medical Body Area Network.

c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

- Medical Body Area Network is a new research area. Our development work will contribute to the healthcare community by utilizing the new FCC MBAN frequency band.