

Related to the Nokia application for Experimental License for Customer Testing in Peoria, Illinois

Planned accomplishments of the pilot/trial

Program of research and experimentation proposed including description of equipment and theory of operation:

Nokia is a leading manufacturer of Wireless Communications equipment, and will use the requested frequency band to conduct testing of 5G Base station equipment technology at a customer location in Peoria, Illinois . Utilizing this frequency for testing and experimentation, Nokia expects it would provide the expected customer operations savings, quality enhancements and better safety, and therefore it will contribute to the general acceptance and broader usage of this 5G technology.

The grant of the requested experimental license will allow Nokia to

- Demonstrate it's 5G Wireless concepts and products to it's customer
- Enhance its efforts to design and develop equipment to meet the communications needs of its customers
- Verify that the frequency band can be used for the superior 5G technology use cases and for operational efficiency

Specific objectives thought to be accomplished:

Prove that 5G Technology can be used as superior mobile connectivity technology for use cases mentioned above to increase consumer, enterprise and industry operations efficiency.