Related to the Nokia application for a CBRS Experimental License for the Delivery Hub in Dallas

Planned accomplishments of the pilot/trial

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

Nokia intends to use the CBRS license to pilot and test CBRS small cells, modems and smartphones in a customer warehouse environment to provide mobile connectivity

- for an indoor positioning system to increase warehouse operations efficiency and safety,
- for video cameras to allow video analytics of warehouse operations to increase quality and perform quality audits,
- for an enterprise communication system to replace existing PTT/PTV walkie talkies,
- for the introduction of Augmented/Virtual Reality use cases to increase warehouse operations efficiency.

Specific objectives thought to be accomplished:

Prove that CBRS can be used as superior mobile connectivity technology for use cases mentioned above to increase enterprise operations efficiency.

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:

If the pilot proves to provide the expected customer operations savings, quality enhancements and better safety it is planned to replicate the setup at other sites of the same customer and to promote it for other customers as well.

The pilot setup in Dallas utilizing CBRS as mobile connectivity technology for enterprises will contribute to the general acceptance and broader usage of this mobile technology.