

Ericsson

File No. 0023-EX-CN-2018

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Description of the Experiment and Objectives to be Accomplished

Ericsson is seeking this license to showcase 5G radio at 28 GHz with customers and to conduct collaborative activities with industrial partners to design, develop & test innovative industrial grade 5G solutions. The testing will use 2 prototype 5G base stations. It “has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, [and] is along lines not already investigated” as 5G is still being developed, and the myriad of use cases it will enable are still under investigation and development. All the operation would take place inside the Ericsson facility in Santa Clara, California.

Directional Antenna Information

Orientation in horizontal plane: REDACTED

Orientation in vertical plane: REDACTED

Horizontal Half-Power Beam Width (Degree): REDACTED

Vertical Half-Power Beam Width (Degree): REDACTED

Horizontal Beam Steering (Degree): REDACTED

Vertical Beam Steering (Degree): REDACTED