

Ericsson

Exhibit to STA Application, File No. 1509-EX-ST-2016

Date Filed: October 21, 2016

Ericsson submits this application for Special Temporary Authority to conduct pre-commercial 5G trials with Charter Communications December 1-20, 2016.

Output Power

The maximum output power will be 2 Watts, and the maximum EIRP will be 56 dBm. (Note that the 398.11 Watts on the application reflects EIRP.)

Request to Operate on Government Spectrum

Ericsson is requesting to operate on the government spectrum band only because the few prototypes we have available for trials/demos were designed in Sweden to operate on the band. Although we have submitted numerous requests for STAs to demo 5G on this band, we have no plans to request that this spectrum be repurposed for commercial use.

We have been granted authorization to operate on this spectrum numerous times for 5G trials and demos without causing any interference to government users. Out of an abundance of caution for the government systems in the requested band, we are providing a 24-hour emergency contact to turn off any transmissions should interference be detected. The contact information is: Keith Shank, 214-679-4362.

Directional Antenna Information

The base station will be positioned as pictured in the antenna diagram on the next page, at 25 feet above ground level.

The base station parameters will be:



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Antenna Diagram

