

Description of Experiment

Ericsson is seeking this license to conduct evaluations of radio base station use within the CBRS band. The operation will cover a variety of use cases in preparation for the availability of commercial use of the band. This will advance the radio art because the band has not previously been available for commercial use and such testing is necessary to enable commercial operation, and to do so in a timely manner, when the SAS is fully certified.

Directional Antenna information:

(a) Width of beam in degrees at the half-power point:	Horizontal Pattern: 58 degrees, 60 degrees Vertical Pattern: 27 degrees, 27 degrees
(b) Orientation in horizontal plane:	Sector 1: 0 degrees, Sector 2: 120 degrees, Sector 3: 120 degree
(c) Orientation in vertical plane:	15 degree