

**Robert Bosch, GmbH**  
**Request for Grant of Special Temporary Authority**  
**File No. 1275 - EX-ST-2017**

**Narrative Exhibit Describing Operation**

This application, filed by Robert Bosch LLC, an international manufacturer of tools, automotive equipment and consumer products, requests special temporary authority during a periods of less than two months beginning September 25, 2017 and ending November 15, 2017 to operate a Bosch automotive radar sensor in the United States at two different locations, mounted on a farming vehicle at each location. In each case, the sensors will be mounted on combine harvesters operated under the auspices of the John Deere Corporation. The tests are for the purpose of proof-of concept testing in soybean fields.

The device is a radar sensor to be mounted on the exterior of the farming vehicle. It is a Bosch Model MRRe14HBW sensor which is certified in Europe for manufacture, marketing, sale and operation. It is not yet certified in the United States, hence the need for this STA.

The device operates in the band 76-77 GHz and meets technical standards of Section 15.253 for vehicular radar sensors in that band. The occupied bandwidth is 740 MHz and the device uses a mean power of 50 dBm (100 watts output power) and peak power of 55 dBm or 316.22 watts.

It is proposed to deploy two of these sensors at each of two venues: soybean fields in Madison, Wisconsin from 25 September to 13 October, 2017 and Annawn/Princeton, Illinois between 25 September and 15 November, 2017.

The Stop Buzzer contact in the United States is Mr. Simon Schilling, Bosch Engineering North America, whose direct phone number is 248-563-1187. He is located in Farmington Hills, Michigan and is an employee of Bosch.

Should any question arise concerning this application, kindly notify undersigned counsel.

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