

**Robert Bosch, GmbH**  
**Request for Grant of Special Temporary Authority**  
**File No. 1817- 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 the period beginning January 15, 2018 and ending January 30, 2018 to operate a Bosch automotive radar sensor in the United States at the Daytona International Speedway at Daytona Beach, Florida, mounted on four different automobiles. One sensor will be mounted on each of the 4 vehicles and operated during the Rolex 24 automobile race at that venue during the latter part of the test period. The operation during the period, including the race, is for the purpose of proof-of concept testing at the Speedway on race vehicles.

The device is a 76-77 GHz radar sensor to be mounted on the exterior of the automobile. It is a Bosch Model sensor which is currently in the process of certification as a Part 15 intentional radiator in the United States, hence the need for this STA.

The device meets all technical standards of Section 15.253 for vehicular radar sensors in that band. The nominal (99%) occupied bandwidth is 461.6 MHz and the device uses a peak power of less than 32 dBm or 1.58 watts. The antenna is a planar patch internal antenna with a gain of either 19.8 dBi or 12.8 dBi depending on which of two antennas is used.

The Stop Buzzer contacts in the United States are Mr. Erich Ohide, a Bosch Senior Engineer, whose direct phone number is 248-876-5821, and Mr. Michael Stams of Bosch Engineering in Germany, whose direct phone number is +49 (7062) 911-9322.

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

Christopher D. Imlay  
Booth, Freret & Imlay, LLC  
14356 Cape May Road  
Silver Spring, MD 20904-6011  
(301) 384-5525 telephone  
(301) 384-6384 facsimile  
[chris@imlaylaw.com](mailto:chris@imlaylaw.com)