

Robert Bosch, GmbH
Request for Grant of Special Temporary Authority
File No. 0199- EX-ST-2018

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 March 12, 2018 and ending March 18, 2018 to operate a Bosch automotive radar sensor in the United States at the Sebring International Speedway at Sebring, Florida, mounted on four different automobiles. One sensor will be mounted on each of the 4 vehicles and operated during the 66th Annual Mobil 1 Twelve Hours of Sebring automobile race at that venue during 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 contact in the United States is Mr. Erich Ohide, a Bosch Senior Manager Engineer, whose direct phone number is 248-876-5536. Undersigned counsel will also serve as a secondary stop-buzzer contact as necessary.

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

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