

Robert Bosch, GmbH
Request for Grant of Special Temporary Authority
File No. 1483 - EX-ST-2017
Narrative Exhibit Describing Operation

This application, filed by Robert Bosch, GmbH, an international manufacturer of tools, automotive equipment and consumer products, requests special temporary authority during a 7-day period beginning January 5, 2018 and ending January 12, 2018 to operate its Smart Home communications system at the CES Convention in Las Vegas, Nevada for demonstration purposes during the Convention. Bosch would operate the system at Booth #14128 in the Central Hall of the Las Vegas Convention and Trade Center, located at 3150 Paradise Road, Las Vegas, Nevada 89109.

The Bosch Smart Home System incorporates a series of devices as follows: an indoor/outdoor camera using 802.11(b/g/n) with 2.45 GHz and 5.725 GHz transmission capabilities; a motion sensor and air quality sensor with a gateway device operating at 2.45 GHz using 802.15.4; a Room thermostat, shutter controller, light controller, switchable power socket, universal switch, smoke detector, and a door and window switch, all wall mounted, and all using the frequency ranges 868.00-868.60 MHz and 869.525-869.650 MHz; and a Smart Home Controller using both the 868-869 MHz ranges above, and the 2.45 GHz band.

The power levels are, for 2.45 GHz and 5.725 GHz, 100 milliwatts or 16 milliwatts; and in the 868-869 MHz ranges, 10 milliwatts.

The System and its components are not certified in the United States as of yet. Versions for the United States market are under development. All components of the device are, however, CE certified (RE-D). (For United States purposes, the 800 MHz range will be replaced ultimately with the band 902-928 MHz, but that version is not now fully developed.) Hence the need for the STA for this pre-production demonstration.

The Stop Buzzer contacts in the United States for Bosch will be Mr. Philippe Buettner, whose direct phone number is +49 174 927 95 01 and whose e-mail is Philippe.Buettner@bosch.com; and Mr. Antonela Nedic, whose direct phone number is +49 152 29492060 and whose e-mail is Antonela.Nedic@de.bosch.com. Should any interference arise or be complained of by any other CES show exhibitor or any licensed entity during the event, all operation will cease until the interference complaint is resolved to the satisfaction of the complainant.

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

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