

Market Trial Application Exhibit

Cruise LLC hereby respectfully requests an experimental license to operate in the 76.0 to 81.0 GHz band to participate in a market trial under 47 C.F.R. §5.602(e) of a prototype radar system designed for use in proprietary autonomous driving equipped vehicles. The final production version of the prototype radar is intended for formal certification under Subpart M of Part 95 of the FCC rules for 76-81GHz vehicular radar operations.

The Applicant: Cruise LLC, headquartered in San Francisco, California, is building the world's most advanced self-driving vehicles to safely connect people with the places, things and experiences they care about. Since its founding in 2013, Cruise has grown to over 1700 employees and last year drove 831,040 autonomous miles in California.

In support of this request, the following is shown:

Purpose of Operation and Need for Experimental License:

Under the market trial authorization requested in this application, Cruise LLC proposes to conduct a market trial as the service provider, using manufacturer Uhnder Inc.'s UHR4270 medium range radar sensor, which is a digitally modulated, 4D imaging radar. The market trial will validate the performance of the UHR4270 in various settings to support autonomous vehicle applications.

Locations of Proposed Operation:

The radars will be operated in autonomous vehicles on urban and suburban areas within a 60-mile (96.6 km) radius from a central point located at 1201 Bryant St, San Francisco 94103 (37° 46' 12.4"N 122° 24' 35.4"W)

Number of Units Used in the Market Trial

The Market Trial will include a maximum of 100 units manufactured by Uhnder Inc. that will be owned and operated by Cruise LLC. At the end of the trial period, the units will be either retrieved or rendered inoperable consistent with §5.602(e).