

From: Robert Guseman

To: Behnam Ghaffari

Date: April 13, 2020

Subject: 0327-EX-CN-2020

Message:

A nationwide license is requested in order to allow Rohde and Schwarz to market and demonstrate the Quality Automotive Radome Tester (QAR) hardware to Customers in all the various locations across the country that support the automobile industry in the United States.

With the increasing use of technologies in automobiles, our potential customers are no longer located only in the traditional automobile industry states. The QAR is of interest to the car manufacturers and manufacturers of related parts: bumpers, automotive radar sensors. The QAR is of interest also to industries, indirectly related to automobiles; as an example, the automotive plastic and paint industries that are involved in the manufacturing of automotive bumpers. These type Customers need to understand and measure the characteristics of their materials at the frequencies used by automotive radar sensors. They are geographically located across the US. The QAR could also to be demonstrated/operated at trade shows that cover a large spectrum of industries; those trade shows can be located anywhere in the United States.

The QAR will support the validity testing for various automotive safety features and therefore are valuable safety devices in themselves. Not having the temporary license will be equal to no Customers being able to evaluate QAR. Currently there are Customers that are very interested; yet unable to witness and evaluate the operation of the equipment due to a lack of FCC authorizations immediately being available.

Concurrent with this license request Rohde and Schwarz, is beginning the process of obtaining an FCC Certification for the QAR technology.

R&S's experience and understanding is that the process (including obtainment of any required waivers) will take no less than six (6) months and as long as 18 months (and counting in the case of the R&S QPS 201 on which the QAR technology is based). While these delays are likely attributed to current, extraordinary events in our country, they are nonetheless real events that have delayed the review and evaluation processes. Therefore, R&S is respectfully requesting approval of the experimental license application. The application includes the equipment datasheet that should answer many of the technical questions associated with the QAR.

Please do not hesitate to contact Rohde and Schwarz for clarifications pertaining to this response; or if additional information is needed.

Robert G. Guseman
301.395.3229
bob.guseman@rsa.rohde-schwarz.com