

Aptiv PLC

FCC Application for Licensing; Application File Number 0039-EX-PN-2019 (Troy, MI Location)

Additional Information; 47 CFR 5.305

The Aptiv cybersecurity lab conducts research on the vehicles and vehicle modules.

The radio frequency experimentation will be conducted in the defined geographic area noted in the licensing application, which is under Aptiv's control. The area is staffed and maintained by Aptiv staff.

There are two testing areas on the subject real property. The first is a locked, gated section of the southern portion of the real property. Only explicitly approved personnel and equipment may be allowed onto the locked, gated section of the property. This is a parking lot used for vehicle testing.

The second testing area is located within a building on the south side of the property. The subject section was constructed to not allow the radio frequencies to escape. This was constructed as a full faraday cage. In this area there will also be vehicle testing, along with vehicle module testing. This area is likewise secured with badge access readers at all three entrances, allowing select persons access. In addition there is also a biometric scanner at the internal door to the Lab area. Only select Aptiv employees are allowed into the Lab and the testing area. This is monitored explicitly by the Lab staff and the access control list, which is under strict control by two Aptiv employees.

The Aptiv cybersecurity lab is fully capable to monitor and effectively manage the research projects. The cybersecurity lab staff manages the testing process directly. The lab has several persons familiar with the technology. These include but are not limited to a physicist, and the penetration testing personnel. The lab also has successfully completed testing in this technology in the past on a vehicle module with this functionality.

The Aptiv cybersecurity lab has expertise in radio spectrum management. This is evidenced by several lab members having distinct experience in the technology. These include but are not limited to a physicist, and the penetration testing personnel.

The authorization is not to be used for the purpose of fulfilling the requirements of contract with an agency of the United States Government.

The authorization is not to be used for the sole purpose of developing equipment for exportation to be employed by states under the jurisdiction of a foreign government.