

August 26, 2026

Mercedes-Benz Research & Development
2708 Orchard Parkway
San Jose, CA 95134

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Equipment

Proposed Program

Mercedes Benz is requesting use of GPS repeater systems inside their research facility to obtain a GPS signal indoors. The repeaters will provide GPS signals to conduct testing and research on the vehicles' GPS tracking systems. The data from the testing will inform our engineers on adjustments needed to be made to hardware and software prototypes in order to make the systems more effective in reporting GPS data and ensure driver safety when the vehicles are on the road.