



NISSAN TECHNICAL CENTER

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Nissan Technical Center North America (NTCNA)

FCC Filing for 5.9 GHz (5.905 – 5.925 GHz) Experimental License

History

- Nissan Technical Center North America (NTCNA) has participated in V2X Communications testing for 15 years
- Member of multiple cooperative research consortia established through cooperative agreement between US Department of Transportation Federal Highway Administration (FHWA), National Highway Traffic Safety Administration (NHTSA) and Crash Avoidance Metrics Partners, LLC (CAMP)
- Internal research for Connected and Automated Vehicles (CAV)

Test Purpose

- V2V and V2I application testing
- Evaluating and testing On-Board Units (OBU) from multiple vendors
- Assess performance for making decisions regarding potential installation in future production vehicles
- Spectrum testing as needed

Test Venues

- NTCNA facilities in Farmington Hills, MI
- Local roads and test tracks in SE Michigan
- MDOT (Michigan) deployment corridors throughout SE Michigan
- Various US-DOT sponsored testing around the country