

# 5.9GHz Spectrum Use Today

5.850 GHz

5.925 GHz

CHI75

CHI81

5850-5855  
reserve  
5 MHz

CHI72  
service  
10 MHz

CHI74  
service  
10 MHz

CHI76  
service  
10 MHz

CHI78  
control  
10 MHz

CHI80  
service  
10 MHz

CHI82  
service  
10 MHz

CHI84  
service  
10 MHz

- BSM:** Michigan, Utah, Wyoming, NYC, Texas, Tennessee, Georgia, Palo Alto, Delaware, Arizona
- MAP:** Michigan, Wyoming, NYC, Texas, Tennessee, Georgia, Palo Alto, Delaware, Idaho, Utah, Florida, Pennsylvania, Arizona, Arkansas, Pennsylvania, Tennessee
- HMI Message Data:** Ohio
- SPaT:** Michigan, Utah, NYC, Texas, Tennessee, Palo Alto, Delaware, Idaho, New Hampshire, Michigan, Arizona, Arkansas, Pennsylvania, Tennessee
- RWIS:** Ohio
- TSP:** Utah, Arizona

- SCMS:** NYC
- MAP:** North Carolina
- Automated Vehicles and Platooning:** Michigan
- SPaT:** North Carolina

- SCMS:** Michigan, Wyoming, NYC, Texas, Georgia
- MAP:** North Carolina
- SPaT:** North Carolina
- RLVW & Curve Speed:** North Carolina
- V2P:** Michigan
- Probe Vehicle Data:** Wyoming, NYC

- WAVE:** Michigan, Wyoming, NYC, Texas
- Traveler Information:** Michigan, Wyoming, NYC, Texas
- BSM:** Tennessee
- MAP:** Tennessee
- RSA:** Texas
- SPaT:** Tennessee

- WAVE:** Michigan
- Probe Vehicle Data:** Michigan

- SCMS:** NYC
- Personal Safety Message (FSM):** Michigan
- OTA File Broadcast Updates:** Texas
- Signal Request Message (SRM):** Michigan, Arizona

- Signal Status Message/Signal Request Message:** Palo Alto
- Preemption and Priority:** Georgia
- Public Safety:** Michigan

**Basic Safety Message**

**Pedestrian**

**Personal Safety Message**

**Public Safety Preemption**

Sources: U.S. DOT Volpe Center; Noblis