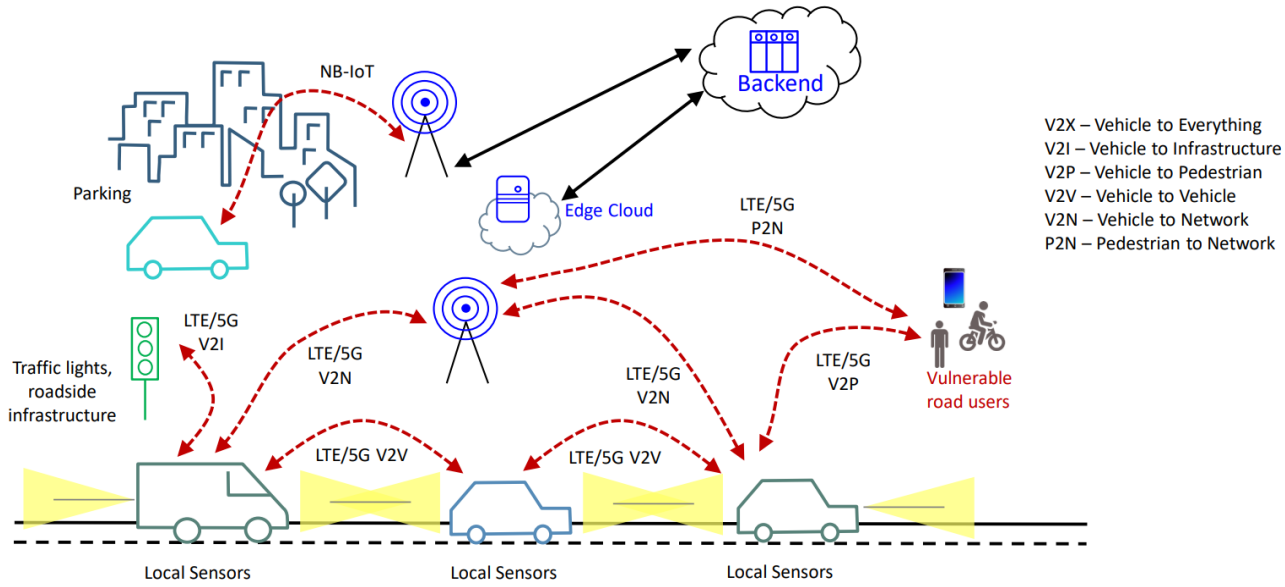
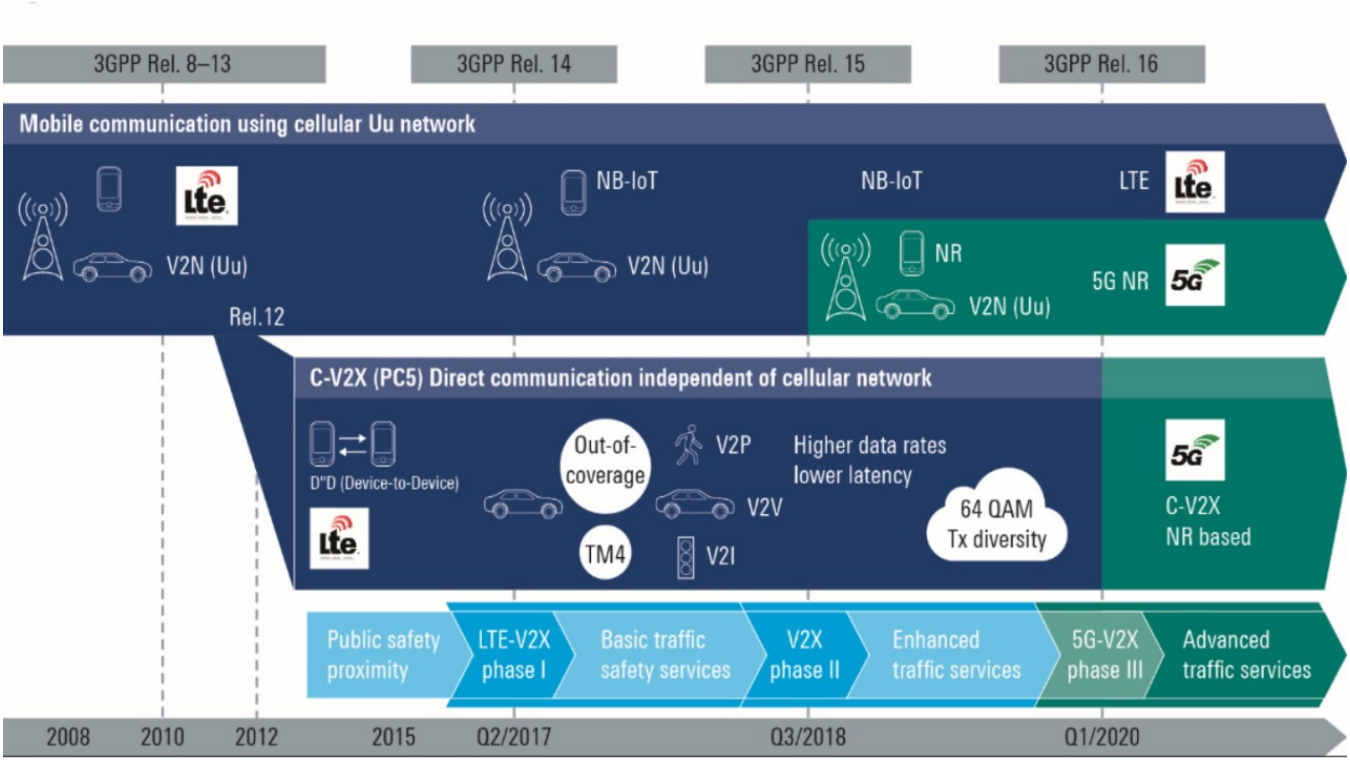
3GPP TS andTR related to V2X

Vehicle to Everything (V2X)

Vehicle to Everything (V2X) covers everything from Vehicle to Vehicle (V2V), Vehicle to Infrastructure (V2I), Vehicle to Network (V2N), Vehicle to Pedestrian (V2P) and even Pedestrian to Network (P2N)



3GPP Technical Specifications (TS) and Reports (TR) related to V2X



3GPP Technical Specifications (TS) related to V2X

3GPP TS 22.185: Service requirements for V2X services; Stage 1

3GPP TS 22.186: Enhancement of 3GPP support for V2X scenarios; Stage 1

3GPP TS 23.285: Architecture enhancements for V2X services

3GPP TS 23.286: Vehicle-to-Everything (V2X) services; Functional architecture and information flows;

3GPP TS 23.287: Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services

3GPP TS 36.331: Radio Resource Control (RRC);

3GPP Technical Specifications (TS) related to V2X

3GPP TR 22.885: Study on LTE support for Vehicle to Everything (V2X) services

3GPP TR 22.886: Study on enhancement of 3GPP Support for 5G V2X Services

3GPP TR 23.764: Study on enhancements to application layer support for V2X services

3GPP TR 23.776: Study on architecture enhancements for 3GPP support of advanced Vehicle-to-Everything (V2X) services; Phase 2

3GPP TR 23.785: Study on architecture enhancements for LTE support of V2X services

3GPP TR 23.786: Study on architecture enhancements for the Evolved Packet System (EPS) and the 5G System (5GS) to support advanced V2X services

3GPP TR 23.795: Study on application layer support for V2X services

3GPP TR 36.786: V2X services based on LTE; User Equipment (UE) radio transmission and reception

3GPP TR 36.787: Vehicle-to-Everything (V2X) new band combinations

3GPP TR 36.788: Vehicle-to-Everything (V2X) Phase 2; User Equipment (UE) radio transmission and reception

3GPP TR 36.885: Study on LTE-based V2X Services;

3GPP TR 37.885: Study on evaluation methodology of new Vehicle-to-Everything (V2X) use cases for LTE and NR;

3GPP TR 37.985: Overall description of RAN aspects for Vehicle-to-everything (V2X) based on LTE and NR

3GPP TR 38.885: Study on NR Vehicle-to-Everything (V2X)

3GPP TR 38.886: V2X Services based on NR; User Equipment (UE) radio transmission and reception

algorithm thesis

Enabling DSRC and C-V2X Integrated Hybrid Vehicular Networks: Architecture and Protocol

Acquisition of Relative Trajectories of Surrounding Vehicles using GPS and DSRC based V2V Communication with Lane Level Resolution

Vehicle Position and Context Detection using V2V Communication with Application to Pre-crash Detection and Warning

Relative Positioning for Collision Avoidance Systems

Study on the Prediction of Lane Change Intention of Intelligent Vehicles in the Network Environment wevj-12-00027.pdf

Lane-Change Detection Based on Vehicle-Trajectory Prediction Dpe341.pdf