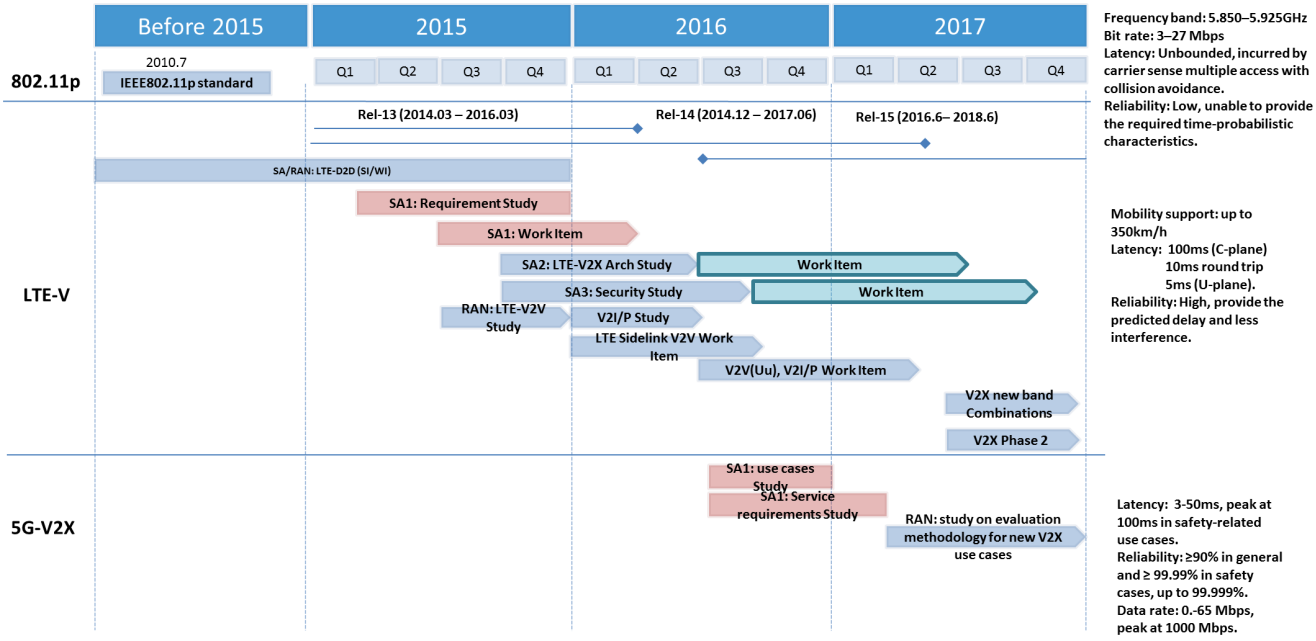
High Reliability and Low Latency 5G V2X Requirements



Communication Scenario			Max latency (ms)	Reliability (%)	Data rate (Mbps)	Communication range (meters)
Use case	Description					
Information change within platoon	Between UE supporting V2X application and RSU via another UE supporting V2X application		500			
Automated cooperative driving for short distance grouping	Between UEs supporting V2X application	Driver control	25	90		
		Fully automated driving	10	99.99		80
Emergency trajectory alignment	Between UEs supporting V2X application Fully automated driving		3	99.999	30	500
Collective perception of environment	Between UEs supporting V2X application	Driver control	100	99		1000
		Fully automated driving	3	99.999		200
			10	99.99		500
			50	99		1000
					1000	50
Teleoperated support (TeSo)	Between a UE supporting V2X application & V2X Application Server. Driver Control		20	99.999	UL:25 DL:1	