

ABSTRACT

Provided are a method and apparatus for sending a reference signal, a method and apparatus for receiving a reference signal, vehicle user equipment (UE), and a terminal. The method for sending a reference signal comprises: determining
5 transmission configuration information of a synchronization signal block VSSB in an NR V2X system, the transmission configuration information comprising: a sending period of the VSSB and a time domain position of a VSSB sending time window in the sending period; and sending, according to the transmission configuration information, N VSSB within the VSSB sending time window which appears
10 periodically, N being an integer greater than or equal to 1, and each VSSB comprising: a primary sidelink synchronization signal (PSSS), a secondary sidelink synchronization signal (SSSS), a physical sidelink broadcast channel (PSBCH), and a demodulation reference signal (DMRS). The use of the method for sending a reference signal provided in the present disclosure can ensure quick time domain
15 synchronization between a vehicle-mounted device and a receiving terminal in an NR V2X system.

Figure. 2