CLAIMS

1. A method for wireless communication at a user equipment, UE, comprising:

identifying (1405) that the UE is configured to transmit via a plurality of periodic semi-persistently scheduled, SPS, resources on a shared channel accessed in a half-duplex manner;

muting (1410) transmission of a message during at least one of the SPS resources in order to monitor for transmissions from another device during the at least one SPS resource;

detecting (1415) a transmission from the other device on the shared channel during the at least one SPS resource; and

adjusting (1420), based at least in part on detection of the transmission from the other device during the at least one SPS resource, transmission of the message to a different resource in order to avoid overlapping transmissions from the other device.

2. The method of claim 1, wherein muting the transmission of the message comprises:

identifying a triggering event, wherein the transmission of the message is muted based at least in part on the identification of the triggering event.

3. The method of claim 2, wherein identifying the triggering event comprises:

determining a speed associated with the UE; and

determining that the speed satisfies a speed threshold.

4. The method of claim 2, wherein identifying the triggering event comprises:

determining a congestion level associated with the UE; and

determining that the congestion level satisfies a congestion level threshold.

5. The method of claim 2, wherein identifying the triggering event comprises:

receiving one or more transmissions from the other device on a second plurality of periodic SPS resources; and

determining, after the one or more transmissions from the other device associated with the second plurality of periodic SPS resources have been received, that the UE is not detecting additional transmissions from the other device on the second plurality of periodic SPS resources.

6. The method of claim 1, further comprising:

identifying that the UE is configured to transmit hybrid automatic repeat request, HARQ,-based retransmissions of the message, wherein muting the transmission of the message is based at least in part on whether the transmission of the message is a first transmission or a retransmission, and on whether a previous muting of a transmission on the plurality of periodic SPS resources was for a first transmission or a retransmission.

7. The method of claim 1, wherein muting the transmission of the message is based on a percentage of SPS resources on which transmissions are muted within a period being less than a threshold percentage.

8. The method of claim 7, further comprising:

detecting a retransmission from an additional device on the shared channel outside of the plurality of periodic SPS resources, without detecting an initial transmission from the additional device, wherein the transmission of the message is adjusted to the different resource in order to avoid overlapping with the initial transmission from the additional device.

9. The method of claim 1, further comprising:

determining a received signal strength indicator, RSSI, associated with the transmission from the other device is above a threshold, wherein adjusting the transmission of the message to the different resource is further based at least in part on the RSSI being above the threshold.

10. The method of claim 1, wherein the different resource comprises a resource outside of the plurality of periodic SPS resources.

11. The method of claim 1, wherein the shared channel is within a vehicle-to-everything, V2X, network.

12. An apparatus for wireless communication at a user equipment, UE, comprising:

means arranged to perform the steps of any one of claims 1 to 11.