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(54) **SIDELINK SYNCHRONIZATION SIGNAL
BLOCK (S-SSB) TRANSMISSIONS IN A
SHARED SPECTRUM**

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ABSTRACT

Methods, systems, and devices for wireless communications are described. A UE may identify a configuration of sidelink synchronization signal block instances including a first quantity of sidelink synchronization signal block instances for each of a plurality of sidelink synchronization signal block periods. The UE may transmit a second quantity of sidelink synchronization signal block instances over a first sidelink synchronization signal block period. In some aspects, the UE may transmit a sidelink synchronization signal block burst using beams in a sidelink synchronization signal block period. The UE may identify a configuration for a set of resources of a sidelink beam selection resource pool based on transmitting the sidelink synchronization signal block burst. The UE may receive, from another UE over the set of resources, a control message including an indication of preferred beams. The UE may transmit the sidelink data to the other UE using the preferred beams.

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