CLAIMS

1. A method for wireless communication at a first user equipment (UE) served by a cell associated with a base station, comprising:

identifying a time division duplexing (TDD) configuration for the cell, wherein the TDD configuration comprises a symbol pattern for a slot of a plurality of slots;

receiving a configuration for receiving a cross-link interference (CLI) sounding reference signal (SRS) in the slot, wherein the CLI SRS is transmitted by a second UE;

performing a measurement on the CLI SRS in the slot based at least in part on the TDD configuration;

receiving a first indicator that a non-zero power (NZP) channel state information reference signal (CSI-RS) resource or a CSI interference measurement (CSI-IM) is configured as a measurement resource for the CLI SRS; and

receiving a second indicator that at least a portion of a zero power CSI-RS resource is configured for rate matching a physical downlink shared channel (PDSCH) transmission around the measurement resource for the CLI SRS.

2. The method of claim 1, wherein the TDD configuration is a first TDD configuration, the method further comprising:

identifying a second TDD configuration for the cell comprising a second symbol pattern for the slot based at least in part on the configuration for receiving the CLI SRS in the slot; and

performing the measurement on the CLI SRS in the slot based at least in part on the second symbol pattern for the slot.

3. The method of claim 2, wherein a first symbol of the slot is configured as an uplink symbol in the symbol pattern for the slot, the first symbol of the slot is configured as a flexible symbol or a downlink symbol in the second symbol pattern for the slot, and the CLI SRS is received during the first symbol.

4. The method of claim 1, wherein the measurement is a reference signal strength indicator (RSSI) measurement or a reference signal received power (RSRP) measurement.

5. The method of claim 1, further comprising:

reporting the measurement for the CLI SRS to the base station.

6. The method of claim 1, wherein the measurement for the CLI SRS is configured to be performed aperiodically, semi-persistently, or periodically.

7. The method of claim 1, wherein the CLI SRS is configured to be transmitted according to interlaced frequency resources, using a code of a plurality of orthogonal codes, according to a frequency hopping pattern, or a combination thereof.

8. The method of claim 1, wherein the CLI SRS is configured to be transmitted on a plurality of beams corresponding to a plurality of transmit ports.

9. The method of claim 1, wherein the first UE is served by a first cell of a first base station and the second UE is served by a second cell of a second, different base station.

10. The method of claim 1, wherein the first UE and second UEs are served by a same cell.

11. A method for wireless communication at a first user equipment (UE) served by a cell associated with a base station, comprising:

identifying a time division duplexing (TDD) configuration for the cell, wherein the TDD configuration comprises a symbol pattern for a slot of a plurality of slots;

receiving a configuration for transmitting a cross-link interference (CLI) sounding reference signal (SRS) in the slot;

transmitting, to a second UE, the CLI SRS in the slot according to the configuration;

receiving a first indicator that a non-zero power (NZP) channel state information reference signal (CSI-RS) resource or a CSI interference measurement (CSI-IM) is configured as a measurement resource for the CLI SRS; and

receiving a second indicator that at least a portion of a zero power CSI-RS resource is configured for rate matching a physical downlink shared channel (PDSCH) transmission around the measurement resource for the CLI SRS.

12. The method of claim 11, wherein the CLI SRS is a first SRS and the configuration is a first configuration, the method further comprising:

receiving a second configuration for transmitting a second SRS, the second configuration configuring the second SRS according to one or more of a first set of symbols of the plurality of slots subject to a restriction, wherein the first configuration configures the CLI SRS for transmission according to one or more of a second set of symbols of the slot not subject to the restriction.

13. The method of claim 11, wherein the transmitting the CLI SRS applies a timing advance for uplink shared channel transmissions.

14. The method of claim 11, wherein the transmitting the CLI SRS applies a timing advance for the CLI SRS that is different from a timing advance for uplink shared channel transmissions.

15. The method of claim 14, further comprising:

determining that an uplink transmission during an uplink symbol period subsequent to the CLI SRS transmission is scheduled to collide with the CLI SRS transmission based at least in part on the timing advance for the CLI SRS and the timing advance for uplink shared channel transmissions; and

dropping the uplink transmission from the uplink symbol period.

16. The method of claim 14, wherein the timing advance for the CLI SRS is a zero-valued timing advance.

17. The method of claim 14, further comprising:

receiving the timing advance for the CLI SRS from the base station.

18. The method of claim 11, wherein a transmit power for the CLI SRS is based at least in part on a transmit power control (TPC) loop for physical uplink shared channel transmissions.

19. The method of claim 11, wherein a transmit power for the CLI SRS is based at least in part on an open loop power control parameter for the CLI SRS.

20. The method of claim 19, wherein the open loop power control parameter comprises a fixed power level for CLI SRS transmissions.

21. The method of claim 11, wherein the CLI SRS is configured to be transmitted aperiodically, semi-persistently, or periodically.

22. The method of claim 11, wherein the CLI SRS is configured to be transmitted according to interlaced frequency resources, using a code of a plurality of orthogonal codes, according to a frequency hopping pattern, or a combination thereof.

23. The method of claim 11, wherein the CLI SRS is transmitted on a plurality of beams corresponding to a plurality of transmit ports.

24. The method of claim 11, further comprising:

applying a precoding matrix to the CLI SRS transmission corresponding to a serving precoding matrix.

25. The method of claim 11, wherein the first UE is served by a first cell of a first base station and the second UE is served by a second cell of a second, different base station.

26. The method of claim 11, wherein the first UE and second UEs are served by a same cell.

27. An apparatus for wireless communication at a first user equipment (UE) served by a cell associated with a base station, comprising:

a processor,

memory in electronic communication with the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus to:

identify a time division duplexing (TDD) configuration for the cell, wherein the TDD configuration comprises a symbol pattern for a slot of a plurality of slots;

receive a configuration for receiving a cross-link interference (CLI) sounding reference signal (SRS) in the slot, wherein the CLI SRS is transmitted by a second UE;

perform a measurement on the CLI SRS in the slot based at least in part on the TDD configuration;

receive a first indicator that a non-zero power (NZP) channel state information reference signal (CSI-RS) resource or a CSI interference measurement (CSI-IM) is configured as a measurement resource for the CLI SRS; and

receive a second indicator that at least a portion of a zero power CSI-RS resource is configured for rate matching a physical downlink shared channel (PDSCH) transmission around the measurement resource for the CLI SRS.

28. The apparatus of claim 27, wherein the TDD configuration is a first TDD configuration, and wherein the instructions are further executable by the processor to cause the apparatus to:

identify a second TDD configuration for the cell comprising a second symbol pattern for the slot based at least in part on the configuration for receiving the CLI SRS in the slot; and

perform the measurement on the CLI SRS in the slot based at least in part on the second symbol pattern for the slot.

29. An apparatus for wireless communication at a first user equipment (UE) served by a cell associated with a base station, comprising:

a processor,

memory in electronic communication with the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus to:

identify a time division duplexing (TDD) configuration for the cell, wherein the TDD configuration comprises a symbol pattern for a slot of a plurality of slots;

receive a configuration for transmitting a cross-link interference (CLI) sounding reference signal (SRS) in the slot;

transmit, to a second UE, the CLI SRS in the slot according to the configuration;

receive a first indicator that a non-zero power (NZP) channel state information reference signal (CSI-RS) resource or a CSI interference measurement (CSI-IM) is configured as a measurement resource for the CLI SRS; and

receive a second indicator that at least a portion of a zero power CSI-RS resource is configured for rate matching a physical downlink shared channel (PDSCH) transmission around the measurement resource for the CLI SRS.