CLAIMS

1. A method of wireless communication at a user equipment (UE), comprising:

determining a default uplink transmit beam for transmitting an uplink transmission, the determining of the default uplink transmit beam including selecting an uplink beam corresponding to a lowest transmission configuration indication (TCI) state identifier of activated TCI states associated with a downlink shared channel; and

transmitting, to a base station, the uplink transmission on the default uplink transmit beam.

2. The method of claim 1, wherein the uplink transmission comprises at least one of an uplink control channel, a sounding reference signal (SRS), or a scheduling request (SR).

3. The method of claim 2, wherein the determining the default uplink transmit beam for transmitting the uplink transmission comprises determining a first default uplink transmit beam for transmitting an uplink control channel, the method further comprising:

determining a second default uplink transmit beam for transmitting the SRS.

4. The method of claim 3, wherein the first default uplink transmit beam is the same uplink beam as the second default uplink transmit beam.

5. The method of claim 1, wherein parameters for the default uplink transmit beam correspond to a beam for the downlink shared channel.

6. The method of claim 1, wherein the UE communicates with a plurality of transmit-receive points (TRPs), and wherein for each TRP, the determining of the default uplink transmit beam is based on the corresponding beam used for receiving downlink transmissions.

7. An apparatus for wireless communication at a first user equipment (UE), comprising:

a memory; and

at least one processor coupled to the memory and configured to:

determine a default uplink transmit beam for transmitting an uplink transmission, the determining of the default uplink transmit beam including selecting an uplink beam corresponding to a lowest transmission configuration indication (TCI) state identifier of activated TCI states associated with a downlink shared channel; and

transmit, to a base station, the uplink transmission on the default uplink transmit beam.

8. A method of wireless communication at a base station, comprising:

selecting a beam to monitor for receiving an uplink transmission based on a downlink beam, the selected beam for monitoring corresponding to a lowest transmission configuration indication (TCI) state identifier of activated TCI states associated with a downlink shared channel; and

receiving, from a user equipment (UE) the uplink transmission on the selected beam.

9. The method of claim 8, wherein the uplink transmission comprises a sounding reference signal (SRS).

10. The method of claim 9, wherein the selecting of the beam to monitor for receiving the uplink transmission includes selecting a first beam for receiving the uplink control channel, the method further comprising:

selecting a second beam for receiving the SRS.

11. The method of claim 10, wherein the first beam is the same as the second beam.

12. The method of claim 8, wherein parameters of the selected beam for monitoring correspond to the downlink beam for the downlink shared channel.

13. The method of claim 12, wherein the base station communicates using a plurality of transmit-receive points (TRPs), and wherein for each TRP, the selecting of the beam to monitor for receiving the uplink transmission is based on the corresponding downlink beam.

14. An apparatus for wireless communication at a base station, comprising:

a memory; and

at least one processor coupled to the memory and configured to:

select a beam to monitor for receiving an uplink transmission based on a downlink beam, the selected beam for monitoring corresponding to a lowest transmission configuration indication (TCI) state identifier of activated TCI states associated with a downlink shared channel; and

receive, from a user equipment (UE), the uplink transmission on the selected beam.