~~WHAT IS CLAIMED IS:~~

CLAIMS

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

determining a transmission gap ~~for a set of transmissions including a~~ between a first type of transmission and a second type of transmission ~~based at least in part on at least one of~~ , wherein the first and second transmissions types are transmitted consecutively, and the transmission gap has a first length when the first and second type of transmissions use a ~~sounding reference signal parameter, a numerology parameter, or an antenna parameter; and~~ same antenna configuration and a second length when the first and second type of transmissions use a different antenna configuration; and transmitting at least one transmission ~~, of the set of transmissions, in accordance with the transmission gap for the set of transmissions~~ based at least in part on determining the transmission gap ~~for the set of transmissions~~.

2. The method of claim 1, wherein ~~the~~an antenna ~~parameter~~configuration relates to at least ~~one~~which antenna is selected for the ~~set~~type of ~~transmissions.~~transmission.

3. The method of claim 1, wherein the ~~transmission gap for the set~~first and second types of ~~transmissions is between~~transmission include a physical uplink control channel transmission and a sounding reference signal transmission.

4. The method of claim 1, wherein the ~~transmission gap for the set~~first and second types of ~~transmissions is between~~transmission include a physical uplink shared channel transmission and a sounding reference signal transmission.

5. The method of claim 1, wherein the transmission gap ~~for the set of transmissions~~ is selected as a largest of a plurality of candidate transmission gaps.

~~6. The method of claim 5, wherein the plurality of candidate transmission gaps relate to a plurality of use cases associated with the sounding reference signal parameter.~~

~~7. The method of claim 1, wherein the sounding reference signal parameter is related to at least one of an uplink codebook precoding parameter, an uplink non-codebook precoding~~

~~parameter, an uplink analog beamforming parameter, or an uplink antenna switching parameter.~~

~~8. The method of claim 1, wherein the sounding reference signal parameter is a use case flag indicator that indicates that a use case of a sounding reference signal transmission, of the set of transmissions, is at least one of: beam management, codebook precoding, non-codebook precoding, or antenna switching~~

~~9.~~6. The method of claim 1, wherein the UE is configured to omit the transmission gap for the set of transmissions based at least in part on determining the transmission gap.

7. The method of claim 1, wherein an antenna configuration relates to at least which antenna port is selected for the type of transmission.

8. The method of claim 1, wherein an antenna configuration relates to at least which antenna port group is selected for the type of transmission.

9. A user equipment (UE) for wireless communication, comprising: a memory; and one or more processors operatively coupled to the memory, the memory and the one or more processors configured to: determine a transmission gap between a first type of transmission and a second type of transmission, wherein the first and second transmissions types are transmitted consecutively, and the transmission gap has a first length when the first and second type of transmissions use a same antenna configuration and a second length when the first and second type of transmissions use a different antenna configuration; and transmit at least one transmission, of the first and second types of transmissions, based at least in part on determining the transmission gap.

10. The UE of claim 9, wherein an antenna configuration relates to at least which antenna is selected for the type of transmission.

~~10.~~11. The ~~method~~UE of claim ~~1, wherein the transmission gap is selected from a plurality of candidate transmission gaps corresponding to a plurality of sounding reference signal parameters.~~

~~11. The method of claim 1, wherein the UE is configured to transmit the first type of transmission and the second type of transmission consecutively and using different antennas for a plurality of iterations, and~~ 9, wherein the ~~UE is configured to transmit at least one of the first type of transmission or the second type of transmission using different antennas for the plurality of iterations.~~

~~12. The method of claim 11, wherein the UE is configured to change the different antennas based at least in part on at least one of semi-static signaling or a UE capability.~~

~~13. The method of claim 1, wherein the UE is configured to determine the transmission gap based at least in part on an uplink channel configuration for a channel of the set of transmissions.~~

~~14. The method of claim 13, wherein the uplink channel configuration includes at least one of a type of the channel or a format of the channel.~~

~~15. The method of claim 13, wherein the uplink channel configuration is related to at least one of a size of a payload conveyed using the channel or a waveform of the channel.~~

~~16. A method of wireless communication performed by a base station (BS), comprising:~~

~~transmitting information identifying at least one of a sounding reference signal parameter, a numerology parameter, or an antenna parameter; and~~

~~receiving at least one transmission, of a set of transmissions including a first type of transmission and a second type of transmission, in accordance with a transmission gap for the set of transmissions associated with the at least one of the sounding reference signal parameter, the numerology parameter, or the antenna parameter.~~

~~17. The method of claim 16, wherein the antenna parameter relates to at least one antenna used for the set of transmissions.~~

~~18. The method of claim 16, wherein the transmission gap for the set of transmissions is between~~first and second types of transmission include a physical uplink control channel transmission and a sounding reference signal transmission.

12. The UE of claim 9, wherein the first and second types of transmission include a physical uplink shared channel transmission and a sounding reference signal transmission.

~~19. The method of claim 16~~13. The UE of claim 9, wherein the transmission gap ~~for the set of transmissions is between a physical uplink shared channel transmission and a sounding reference signal transmission.~~

~~20. A user equipment (UE) for wireless communication, comprising:~~

~~a memory; and~~

~~one or more processors operatively coupled to the memory, the memory and the one or more processors configured to:~~

~~determine a transmission gap for a set of transmissions including a first type of transmission and a second type of transmission based at least in part on at least one of a sounding reference signal parameter, a numerology parameter, or an antenna parameter; and~~

~~transmit at least one transmission, of the set of transmissions, in accordance with the transmission gap for the set of transmissions based at least in part on determining the transmission gap for the set of transmissions.~~

~~21. The UE of claim 20, wherein the antenna parameter relates to at least one antenna selected for the set of transmissions.~~

~~22. The UE of claim 20, wherein the transmission gap for the set of transmissions is between a physical uplink control channel transmission and a sounding reference signal transmission.~~

~~23. The UE of claim 20, wherein the transmission gap for the set of transmissions is between a physical uplink shared channel transmission and a sounding reference signal transmission.~~

~~24. The UE of claim 20, wherein the transmission gap for the set of transmissions~~ is selected as a largest of a plurality of candidate transmission gaps.

~~25~~14. The UE of claim ~~24~~9, wherein ~~the plurality of candidate transmission gaps relate to a plurality of use cases associated with the sounding reference signal parameter.~~

~~26. The UE of claim 20, wherein the sounding reference signal parameter is related~~an antenna configuration relates to at least ~~one of an uplink codebook precoding parameter, an uplink non-codebook precoding parameter, an uplink analog beamforming parameter, or an uplink antenna switching parameter.~~

~~27. A base station (BS) for wireless communication, comprising:~~

~~a memory; and~~

~~one or more processors operatively coupled to the memory, the memory and the one or more processors configured to:~~

~~transmit information identifying at least one of a sounding reference signal parameter, a numerology parameter, or an~~which antenna ~~parameter; and~~

~~receive at least one transmission, of a set of transmissions including a first type of transmission and a second~~ port is selected for the type of transmission~~, in accordance with a transmission gap for the set of transmissions associated with the at least one of the sounding reference signal parameter, the numerology parameter, or the antenna parameter~~.

~~28~~15. The ~~BS~~UE of claim ~~27~~9, wherein ~~the~~an antenna configuration relates to at least which antenna ~~parameter relates to at least one antenna used~~port group is selected for the ~~set~~type of ~~transmissions.~~

~~29. The BS of claim 27, wherein the transmission gap for the set of transmissions is between a physical uplink control channel transmission and a sounding reference signal transmission.~~

~~30. The BS of claim 27, wherein the transmission gap for the set of transmissions is between a physical uplink shared channel transmission and a sounding reference signal~~ transmission.