CLAIMS

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

receiving a carrier aggregation configuration message from a base station indicating a plurality of carriers configured for communications with the base station;

grouping the plurality of carriers into one or more groups, wherein carriers in each of the one or more groups are to be scheduled for communications with the base station on at least partially overlapping time resources;

communicating with the base station based at least in part on the grouping;

receiving downlink control information (DCI) for carriers within a group of the one or more groups, the DCI indicating that none of the carriers within the group include downlink data for the UE in a time slot; and

transitioning a radio frequency chain of the UE and associated with the group to a sleep mode until at least an end of the time slot.

2. The method of claim 1, wherein the carrier aggregation configuration message comprises an indication of the one or more groups of the plurality of carriers, and the grouping is based at least in part on the indication of the one or more groups of the plurality of carriers.

3. The method of claim 1, further comprising:

transmitting an indication to the base station of one or more preferred groups of the plurality of carriers.

4. The method of claim 3, further comprising:

receiving an indication of the one or more groups of the plurality of carriers, the one or more groups being determined by the base station based at least in part on the one or more preferred groups and representing actual groupings of carriers that are to be scheduled for communications with the base station on at least partially overlapping time resources.

5. The method of claim 3, further comprising:

receiving feedback from the base station indicating whether the base station successfully received the indication.

6. The method of claim 3, wherein the indication is transmitted in radio resource control (RRC) signaling.

7. The method of claim 1, wherein a group of the one or more groups comprises carriers associated with a same numerology.

8. The method of claim 1, wherein a group of the one or more groups comprises at least two carriers associated with different numerologies.

9. The method of claim 8, wherein:

communications in a time slot on a first carrier associated with a first numerology are scheduled based at least in part on communications scheduled in the time slot on a second carrier associated with a second numerology, the second numerology being associated with a larger time slot duration than the first numerology.

10. The method of claim 1, wherein the plurality of carriers are within a same frequency band.

11. A method for wireless communication at a base station, comprising:

transmitting a carrier aggregation configuration message to a user equipment (UE) indicating a plurality of carriers configured for communications with the UE;

grouping the plurality of carriers into one or more groups, the one or more groups representing groupings of carriers that are to be scheduled for communications with the UE on at least partially overlapping time resources;

scheduling communications with the UE on the plurality of carriers based at least in part on the grouping; and

receiving, from the UE, an indication of one or more preferred groups of the plurality of carriers, the one or more preferred groups representing a recommendation that carriers within a preferred group are to be scheduled for communications with the UE on at least partially overlapping resources, wherein:

the plurality of carriers are grouped into the one or more groups based at least in part on the one or more preferred groups.

12. The method of claim 11, further comprising:

transmitting feedback to the UE indicating whether the base station successfully received the indication.

13. The method of claim 11, wherein the indication is received in radio resource control (RRC) signaling.

14. The method of claim 11, wherein scheduling communications with the UE on the plurality of carriers comprises:

transmitting downlink control information (DCI) for carriers within a group, the DCI indicating whether downlink data is included in a time slot for the UE on a respective carrier.

15. The method of claim 14, wherein the DCI for a carrier is within a first time slot and schedules communications in the first time slot or in a later time slot.

16. The method of claim 11, wherein a group of the one or more groups comprises carriers associated with a same numerology.

17. The method of claim 11, wherein a group of the one or more groups comprises at least two carriers associated with different numerologies.

18. The method of claim 17, wherein scheduling communications with the UE on the plurality of carriers comprises:

scheduling communications in a time slot on a first carrier associated with a first numerology based at least in part on communications scheduled in the time slot on a second carrier associated with a second numerology, the second numerology being associated with a larger slot duration than the first numerology.

19. The method of claim 11, wherein the plurality of carriers are within a same frequency band.

20. An apparatus for wireless communication at a user equipment (UE), 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:

receive a carrier aggregation configuration message from a base station indicating a plurality of carriers configured for communications with the base station;

group the plurality of carriers into one or more groups, wherein carriers in each of the one or more groups are to be scheduled for communications with the base station on at least partially overlapping time resources;

communicate with the base station based at least in part on the grouping;

receive downlink control information (DCI) for carriers within a group of the one or more groups, the DCI indicating that none of the carriers within the group include downlink data for the UE in a time slot; and

transition a radio frequency chain of the UE and associated with the group to a sleep mode until at least an end of the time slot.

21. The apparatus of claim 20, wherein the carrier aggregation configuration message comprises an indication of the one or more groups of the plurality of carriers, and the grouping is based at least in part on the indication of the one or more groups of the plurality of carriers.

22. The apparatus of claim 20, wherein the instructions are further executable by the processor to cause the apparatus to:

transmit an indication to the base station of one or more preferred groups of the plurality of carriers.

23. The apparatus of claim 20, wherein the instructions are further executable by the processor to cause the apparatus to:

receive an indication of the one or more groups of the plurality of carriers, the one or more groups being determined by the base station based at least in part on the one or more

preferred groups and representing actual groupings of carriers that are to be scheduled for communications with the base station on at least partially overlapping time resources.

24. A method for wireless communication at a user equipment (UE), comprising:

receiving a carrier aggregation configuration message from a base station indicating a plurality of carriers configured for communications with the base station;

grouping the plurality of carriers into one or more groups, wherein carriers in each of the one or more groups are to be scheduled for communications with the base station on at least partially overlapping time resources;

communicating with the base station based at least in part on the grouping; and

failing to receive downlink control information (DCI) that schedules a transmission in a time slot on carriers within a group of the one or more groups; and

transitioning a radio frequency chain of the UE and associated with the group to a sleep mode until at least an end of the time slot based at least in part on failing to receive the DCI.

25. The method of claim 24, wherein, at least one of:

the carrier aggregation configuration message comprises an indication of the one or more groups of the plurality of carriers, and the grouping is based at least in part on the indication of the one or more groups of the plurality of carriers; or

the plurality of carriers are within a same frequency band.

26. The method of claim 24, further comprising:

transmitting an indication to the base station of one or more preferred groups of the plurality of carriers.

27. The method of claim 26, further comprising, at least one of:

receiving an indication of the one or more groups of the plurality of carriers, the one or more groups being determined by the base station based at least in part on the one or more preferred groups and representing actual groupings of carriers that are to be scheduled for communications with the base station on at least partially overlapping time resources; or

receiving feedback from the base station indicating whether the base station successfully received the indication.

28. The method of claim 26, wherein the indication is transmitted in radio resource control (RRC) signaling.

29. The method of claim 24, wherein:

a group of the one or more groups comprises carriers associated with a same numerology; or

a group of the one or more groups comprises at least two carriers associated with different numerologies.

30. The method of claim 29, wherein:

communications in a time slot on a first carrier associated with a first numerology are scheduled based at least in part on communications scheduled in the time slot on a second carrier associated with a second numerology, the second numerology being associated with a larger time slot duration than the first numerology.