CLAIMS

1. A method for wireless communication, comprising: identifying, at a user equipment (UE), a reference signal preemption scheme associated with one or more reference signal resources being preempted for priority transmissions during a time period; determining that resources of one or more reference signals have been preempted during the time period and in accordance with the reference signal preemption scheme; and implementing a reference signal preemption response scheme that is selected based at least in part on the resources of the one or more reference signals being preempted.

2. The method of claim 1, further comprising: determining that resources for greater than a defined number of channel state information reference signals (CSI-RSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises avoiding performing channel measurement and reporting during the time period.

3. The method of claim 1, further comprising: determining that resources for greater than a defined number of channel state information reference signals (CSI-RSs) have been preempted for a first portion of a bandwidth part during the time period, wherein the selected reference signal preemption response scheme comprises performing channel measurement and reporting during the time period on a second portion of the bandwidth part that is different from the first portion.

4. The method of claim 1, further comprising: determining that resources for channel state information reference signals (CSI-RSs) have not been preempted during the time period; and performing rate matching to decode and demodulate the priority transmissions that are transmitted using resources proximate to the resources of the CSI-RSs.

5. The method of claim 4, further comprising: receiving a configuration message identifying the resources of the CSI-RSs that have proximate resources used for the priority transmissions.

6. The method of claim 1, further comprising: determining that resources for greater than a defined number of demodulation reference signals (DMRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from performing decoding and demodulation of the transmissions occurring during the time period.

7. The method of claim 6, further comprising: refraining from transmitting hybrid automatic repeat/request (HARQ) feedback information for the time period.

8. The method of claim 1, further comprising: determining that resources for less than a defined number of demodulation reference signals (DMRSs) have been preempted during the

time period, wherein the selected reference signal preemption response scheme comprises performing channel decoding and demodulation during the time period for DMRSs that are not preempted during the time period.

9. The method of claim 8, further comprising: identifying one or more code block groups (CBGs) that are proximate to the resources of the DMRSs that are not preempted during the time period; and decoding the one or more CBGs.

10. The method of claim 8, further comprising: receiving a configuration message identifying the one or more CBGs.

11. The method of claim 1, further comprising: determining that resources for unicast demodulation reference signals (DMRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from decoding and demodulating the transmissions occurring during the time period.

12. The method of claim 1, further comprising: determining that resources for tracking reference signals (TRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from performing timing and frequency updating procedures for the channel during the time period.

13. The method of claim 1, further comprising: determining that resources for a defined number of tracking reference signals (TRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises performing timing and frequency updating procedures during the time period using TRSs that are not preempted during the time period.

14. The method of claim 1, further comprising: determining that resources for phase tracking reference signals (PTRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from performing phase tracking updating procedures during the time period.

15. The method of claim 1, further comprising: determining that resources for a defined number of phase tracking reference signals (PTRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises performing phase tracking updating procedures during the time period using PTRSs that are not preempted during the time period.

16. The method of claim 1, wherein identify the reference signal preemption scheme comprises: receiving a configuration message from a base station indicating the reference signal preemption scheme.

17. The method of claim 1, wherein the UE is preconfigured with the reference signal preemption scheme.

18. A method for wireless communication, comprising: transmitting a configuration message indicating a reference signal preemption scheme associated with one or more reference signal resources being preempted for priority transmissions during a time period; preempting resources of one or more reference signals during the time period and in accordance with the reference signal preemption scheme; and implementing a reference signal preemption response scheme that is selected based at least in part on the resources of the one or more reference signals being preempted.

19. The method of claim 18, further comprising: preempting resources for greater than a defined number of channel state information reference signals (CSI-RSs) during the time period; and the selected reference signal preemption response scheme comprises refraining from receiving channel measurement and reporting during the time period.

20. The method of claim 18, further comprising: preempting resources for greater than a defined number of channel state information reference signals (CSI-RSs) for a first portion of a bandwidth part during the time period, wherein the selected reference signal preemption response scheme comprises receiving channel measurement and reporting during the time period on a second portion of the bandwidth part that is different from the first portion.

21. The method of claim 18, further comprising: refraining from preempting resources for channel state information reference signals (CSI-RSs) during the time period; and performing rate matching to encode and modulate the priority transmissions that are transmitted using resources proximate to the resources of the CSI-RSs.

22. The method of claim 21, further comprising: transmitting a configuration message identifying the resources of the CSI-RSs that have proximate resources used for the priority transmissions.

23. The method of claim 18, further comprising: preempting resources for greater than a defined number of demodulation reference signals (DMRSs) during the time period, wherein the selected reference signal preemption response scheme comprises refraining from receiving hybrid automatic repeat/request (HARQ) feedback information for the time period.

24. The method of claim 18, further comprising: preempting resources for less than a defined number of demodulation reference signals (DMRSs) during the time period, wherein the selected reference signal preemption response scheme comprises receiving hybrid automatic repeat/request (HARQ) feedback information based on the DMRSs that are not preempted during the time period.

25. The method of claim 24, further comprising: identifying one or more code block groups (CBGs) that are proximate to the resources of the DMRSs that are not preempted during the time period; and encoding the one or more CBGs.

26. The method of claim 24, further comprising: transmitting a configuration message identifying the CBGs.

27. An apparatus for wireless communication, 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 reference signal preemption scheme associated with one or more reference signal resources being preempted for priority transmissions during a time period; determine that resources of one or more reference signals have been preempted during the time period and in accordance with the reference signal preemption scheme; and implement a reference signal preemption response scheme that is selected based at least in part on the resources of the one or more reference signals being preempted.

28. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for greater than a defined number of channel state information reference signals (CSI-RSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises avoiding performing channel measurement and reporting during the time period.

29. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for greater than a defined number of channel state information reference signals (CSI-RSs) have been preempted for a first portion of a bandwidth part during the time period, wherein the selected reference signal preemption response scheme comprises performing channel measurement and reporting during the time period on a second portion of the bandwidth part that is different from the first portion.

30. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for channel state information reference signals (CSI-RSs) have not been preempted during the time period; and perform rate matching to decode and demodulate the priority transmissions that are transmitted using resources proximate to the resources of the CSI-RSs.

31. The apparatus of claim 30, wherein the instructions are further executable by the processor to cause the apparatus to: receive a configuration message identifying the resources of the CSI-RSs that have proximate resources used for the priority transmissions.

32. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for greater than a defined number of demodulation reference signals (DMRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from performing decoding and demodulation of the transmissions occurring during the time period.

33. The apparatus of claim 32, wherein the instructions are further executable by the processor to cause the apparatus to: refrain from transmitting hybrid automatic repeat/request (HARQ) feedback information for the time period.

34. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for less than a defined number of demodulation reference signals (DMRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises performing channel decoding and demodulation during the time period for DMRSs that are not preempted during the time period.

35. The apparatus of claim 34, wherein the instructions are further executable by the processor to cause the apparatus to: identify one or more code block groups (CBGs) that are proximate to the resources of the DMRSs that are not preempted during the time period; and decode the one or more CBGs.

36. The apparatus of claim 34, wherein the instructions are further executable by the processor to cause the apparatus to: receive a configuration message identifying the one or more CBGs.

37. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for unicast demodulation reference signals (DMRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from decoding and demodulating the transmissions occurring during the time period.

38. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for tracking reference signals (TRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from performing timing and frequency updating procedures for the channel during the time period.

39. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for a defined number of tracking reference signals (TRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises performing timing and frequency updating procedures during the time period using TRSs that are not preempted during the time period.

40. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for phase tracking reference signals (PTRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises refraining from performing phase tracking updating procedures during the time period.

41. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to: determine that resources for a defined number of phase tracking reference signals (PTRSs) have been preempted during the time period, wherein the selected reference signal preemption response scheme comprises performing phase tracking updating procedures during the time period using PTRSs that are not preempted during the time period.

42. The apparatus of claim 27, wherein the instructions to identify the reference signal preemption scheme are executable by the processor to cause the apparatus to: receive a configuration message from a base station indicating the reference signal preemption scheme.

43. The apparatus of claim 27, wherein the apparatus is preconfigured with the reference signal preemption scheme.

44. An apparatus for wireless communication, 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: transmit a configuration message indicating a reference signal preemption scheme associated with one or more reference signal resources being preempted for priority transmissions during a time period; preempt resources of one or more reference signals during the time period and in accordance with the reference signal preemption scheme; and implement a reference signal preemption response scheme that is selected based at least in part on the resources of the one or more reference signals being preempted.

45. The apparatus of claim 44, wherein the instructions are further executable by the processor to cause the apparatus to: preempt resources for greater than a defined number of channel state information reference signals (CSI-RSs) during the time period; and the selected reference signal preemption response scheme comprises refraining from receiving channel measurement and reporting during the time period.

46. The apparatus of claim 44, wherein the instructions are further executable by the processor to cause the apparatus to: preempt resources for greater than a defined number of channel state information reference signals (CSI-RSs) for a first portion of a bandwidth part during the time period, wherein the selected reference signal preemption response scheme comprises receiving channel measurement and reporting during the time period on a second portion of the bandwidth part that is different from the first portion.

47. The apparatus of claim 44, wherein the instructions are further executable by the processor to cause the apparatus to: refrain from preempting resources for channel state information reference signals (CSI-RSs) during the time period; and perform rate matching to encode and modulate the priority transmissions that are transmitted using resources proximate to the resources of the CSI-RSs.

48. The apparatus of claim 47, wherein the instructions are further executable by the processor to cause the apparatus to: transmit a configuration message identifying the resources of the CSI-RSs that have proximate resources used for the priority transmissions.

49. The apparatus of claim 44, wherein the instructions are further executable by the processor to cause the apparatus to: preempt resources for greater than a defined number of demodulation reference signals (DMRSs) during the time period, wherein the selected reference signal preemption response scheme comprises refraining from receiving hybrid automatic repeat/request (HARQ) feedback information for the time period.

50. The apparatus of claim 44, wherein the instructions are further executable by the processor to cause the apparatus to: preempt resources for less than a defined number of demodulation reference signals (DMRSs) during the time period, wherein the selected reference signal preemption response scheme comprises receiving hybrid automatic repeat/request (HARQ) feedback information based on the DMRSs that are not preempted during the time period.

51. The apparatus of claim 50, wherein the instructions are further executable by the processor to cause the apparatus to: identify one or more code block groups (CBGs) that are proximate to the resources of the DMRSs that are not preempted during the time period; and encode the one or more CBGs.

52. The apparatus of claim 50, wherein the instructions are further executable by the processor to cause the apparatus to: transmit a configuration message identifying the CBGs.