CLAIMS

~~**What is claimed is:**~~

1. A method for wireless communications, comprising:

receiving downlink control information (DCI) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS) and comprising a plurality of disjoint segments of resource blocks (RBs), wherein the DCI is located at least partially within a first segment of the plurality of disjoint segments and a second segment of the plurality of disjoint segments is exclusive of the DCI, and wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;

determining a rate matching operation for the wideband DMRS for the downlink shared channel for portions of the set of resources that overlap with the second segment of the plurality of disjoint segments; and

receiving the downlink shared channel on the set of resources according to the determined rate matching operation.

2. The method of claim 1, wherein the rate matching operation comprises rate matching around locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the second segment of the plurality of disjoint segments.

3. The method of claim 1, wherein the rate matching operation comprises processing locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the second segment of the plurality of disjoint segments as data resources of the downlink shared channel.

4. The method of claim 1, further comprising:

receiving, in the DCI, an indication to rate match the downlink shared channel around resources of the CORESET.

5. The method of claim 1, wherein the RBs in each disjoint segment of the plurality of disjoint segments are contiguous.

6. ~~A method for wireless communications, comprising:~~

receiving downlink control information (DCI) at a first aggregation level (AL) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS), wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;

identifying an AL ambiguity between the DCI transmitted at the first AL and transmitted at a second AL, wherein the first AL corresponds to a first set of control channel elements (CCEs) and the second AL corresponds to a second set of CCEs that at least partially overlap with the first set of CCEs; and

receiving the downlink shared channel on the set of resources, wherein the receiving the downlink shared channel comprises rate matching the set of resources around portions of the second set of CCEs that are exclusive of the first set of CCEs.

7. The method of claim 6, wherein the CORESET comprises a plurality of disjoint segments of resource blocks (RBs), and wherein the first set of CCEs are located within a first subset of the plurality of disjoint segments and at least part of the portions of the second set of CCEs that are exclusive of the first set of CCEs are located within a second subset of the plurality of disjoint segments.

8. The method of claim 6, wherein the RBs in each disjoint segment of the plurality of disjoint segments are contiguous.

9. The method of claim 7, wherein the receiving the downlink shared channel comprises rate matching the set of resources around locations of the configured wideband DMRS in the second subset of the plurality of disjoint segments.

10. The method of claim 7, wherein at least one segment of the plurality of disjoint segments is exclusive of the first set of CCEs and the second set of CCEs, and wherein the receiving the downlink shared channel comprises processing locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the at least one segment of the plurality of disjoint segments as data resources of the downlink shared channel.

11. The method of claim 7, wherein at least one segment of the plurality of disjoint segments is exclusive of the first set of CCEs and the second set of CCEs, and

~~wherein the receiving the downlink shared channel comprises rate matching around locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the at least one segment of the plurality of disjoint segments.~~

~~12.~~ An apparatus for wireless communications, 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 downlink control information (DCI) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS) and comprising a plurality of disjoint segments of resource blocks (RBs), wherein the DCI is located at least partially within a first segment of the plurality of disjoint segments and a second segment of the plurality of disjoint segments is exclusive of the DCI, and wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;

determine a rate matching operation for the wideband DMRS for the downlink shared channel for portions of the set of resources that overlap with the second segment of the plurality of disjoint segments; and

receive the downlink shared channel on the set of resources according to the determined rate matching operation.

~~13.~~ 7. The apparatus of claim ~~12~~6, wherein the instructions to determine the rate matching operation are further executable by the processor to cause the apparatus to rate match around locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the second segment of the plurality of disjoint segments.

~~14.~~ 8. The apparatus of claim ~~12~~6, wherein the instructions to determine the rate matching operation are further executable by the processor to cause the apparatus to process locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the second segment of the plurality of disjoint segments as data resources of the downlink shared channel.

~~15.~~ 9. The apparatus of claim ~~12~~6, wherein the instructions are further executable by the processor to cause the apparatus to:

receive, in the DCI, an indication to rate match the downlink shared channel around resources of the CORESET.

~~16.~~ 10. The apparatus of claim ~~12~~6, wherein the RBs in each disjoint segment of the plurality of disjoint segments are contiguous.

~~17.~~ 11. An apparatus for wireless communications, 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 downlink control information (DCI) at a first aggregation level (AL) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS), wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;~~

~~identify an AL ambiguity between the DCI transmitted at the first AL and transmitted at a second AL, wherein the first AL corresponds to a first set of control channel elements (CCEs) and the second AL corresponds to a second set of CCEs that at least partially overlap with the first set of CCEs; and~~

~~receive the downlink shared channel on the set of resources, wherein the receiving the downlink shared channel comprises rate matching the set of resources around portions of the second set of CCEs that are exclusive of the first set of CCEs.~~

~~18. The apparatus of claim 17, wherein the CORESET comprises a plurality of disjoint segments of resource blocks (RBs), and wherein the first set of CCEs are located within a first subset of the plurality of disjoint segments and at least part of the portions of the second set of CCEs that are exclusive of the first set of CCEs are located within a second subset of the plurality of disjoint segments.~~

~~19. The apparatus of claim 18, wherein the RBs in each disjoint segment of the plurality of disjoint segments are contiguous.~~

~~20. The apparatus of claim 18, wherein the instructions to receive the downlink shared channel are further executable by the processor to cause the apparatus to rate~~

~~match the set of resources around locations of the configured wideband DMRS in the second subset of the plurality of disjoint segments.~~

~~21. The apparatus of claim 18, wherein at least one segment of the plurality of disjoint segments is exclusive of the first set of CCEs and the second set of CCEs, and wherein the receiving the downlink shared channel comprises processing locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the at least one segment of the plurality of disjoint segments as data resources of the downlink shared channel.~~

~~22. The apparatus of claim 18, wherein at least one segment of the plurality of disjoint segments is exclusive of the first set of CCEs and the second set of CCEs, and wherein the receiving the downlink shared channel comprises rate matching around locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the at least one segment of the plurality of disjoint segments.~~

~~23. An apparatus for wireless communications, comprising:~~

means for receiving downlink control information (DCI) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS) and comprising a plurality of disjoint segments of resource blocks (RBs), wherein the DCI is located at least partially within a first segment of the plurality of disjoint segments and a second segment of the plurality of disjoint segments is exclusive of the DCI, and wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;

means for determining a rate matching operation for the wideband DMRS for the downlink shared channel for portions of the set of resources that overlap with the second segment of the plurality of disjoint segments; and

means for receiving the downlink shared channel on the set of resources according to the determined rate matching operation.

~~24.~~ 12. The apparatus of claim ~~23~~11, wherein the means for determining the rate matching operation comprises means for rate matching around locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the second segment of the plurality of disjoint segments.

~~25.~~ 13. The apparatus of claim ~~23~~11, wherein the means for determining the rate matching operation comprises means for processing locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the second segment of the plurality of disjoint segments as data resources of the downlink shared channel.

~~26.~~ 14. The apparatus of claim ~~23~~11, further comprising:

means for receiving, in the DCI, an indication to rate match the downlink shared channel around resources of the CORESET.

~~27.~~ 15. The apparatus of claim ~~23~~11, wherein the RBs in each disjoint segment of the plurality of disjoint segments are contiguous.

~~28. An apparatus for wireless communications, comprising:~~

~~means for receiving downlink control information (DCI) at a first aggregation level (AL) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS), wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;~~

~~means for identifying an AL ambiguity between the DCI transmitted at the first AL and transmitted at a second AL, wherein the first AL corresponds to a first set of control channel elements (CCEs) and the second AL corresponds to a second set of CCEs that at least partially overlap with the first set of CCEs; and~~

~~means for receiving the downlink shared channel on the set of resources, wherein the receiving the downlink shared channel comprises rate matching the set of resources around portions of the second set of CCEs that are exclusive of the first set of CCEs.~~

~~29. The apparatus of claim 28, wherein the CORESET comprises a plurality of disjoint segments of resource blocks (RBs), and wherein the first set of CCEs are located within a first subset of the plurality of disjoint segments and at least part of the portions of the second set of CCEs that are exclusive of the first set of CCEs are located within a second subset of the plurality of disjoint segments.~~

~~30. The apparatus of claim 29, wherein the RBs in each disjoint segment of the plurality of disjoint segments are contiguous.~~

~~31. The apparatus of claim 29, wherein the means for receiving the downlink shared channel rate matches the set of resources around locations of the configured wideband DMRS in the second subset of the plurality of disjoint segments.~~

~~32. The apparatus of claim 29, wherein at least one segment of the plurality of disjoint segments is exclusive of the first set of CCEs and the second set of CCEs, and wherein the means for receiving the downlink shared channel processes locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the at least one segment of the plurality of disjoint segments as data resources of the downlink shared channel.~~

~~33. The apparatus of claim 29, wherein at least one segment of the plurality of disjoint segments is exclusive of the first set of CCEs and the second set of CCEs, and wherein the means for receiving the downlink shared channel rate matches around locations of the configured wideband DMRS in the portions of the set of resources of the downlink shared channel that overlap with the at least one segment of the plurality of disjoint segments.~~

~~34.~~ 16. A non-transitory computer-readable medium storing code for wireless communications, the code comprising instructions executable by a processor to:

receive downlink control information (DCI) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS) and comprising a plurality of disjoint segments of resource blocks (RBs), wherein the DCI is located at least partially within a first segment of the plurality of disjoint segments and a second segment of the plurality of disjoint segments is exclusive of the DCI, and wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;

determine a rate matching operation for the wideband DMRS for the downlink shared channel for portions of the set of resources that overlap with the second segment of the plurality of disjoint segments; and

receive the downlink shared channel on the set of resources according to the determined rate matching operation.

35. A non-transitory computer-readable medium storing code for wireless communications, the code comprising instructions executable by a processor to:

receive downlink control information (DCI) at a first aggregation level (AL) within a control resource set (CORESET) configured with a wideband demodulation reference signal (DMRS), wherein the DCI comprises a grant of a set of resources for a downlink shared channel that overlaps with the CORESET;

identify an AL ambiguity between the DCI transmitted at the first AL and transmitted at a second AL, wherein the first AL corresponds to a first set of control channel elements (CCEs) and the second AL corresponds to a second set of CCEs that at least partially overlap with the first set of CCEs; and

receive the downlink shared channel on the set of resources, wherein the receiving the downlink shared channel comprises rate matching the set of resources around portions of the second set of CCEs that are exclusive of the first set of CCEs.