~~CLAIMS~~

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

CLAIMS

1.——A method for wireless communication, comprising:
determining a first configuration for a set of physical downlink control channel (PDCCH) monitoring occasions during a slot, the first configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion of the set of PDCCH monitoring occasions;
determining a second configuration for monitoring the set of PDCCH monitoring occasions, the second configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping CCEs, or a combination thereof, within the slot;
monitoring, in accordance with the first configuration and the second configuration, for control information during the set of PDCCH monitoring occasions; and
decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

2.——The method of- claim 1, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is fixed.

3.——The method of- claim 1, further comprising:
determining a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and
decoding data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

4.——The method of- claim 3, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

5.——The method of claim 1, further comprising:
decoding a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

6.——A method for wireless communication, comprising:
determining a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
determining, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a number of PDCCH monitoring occasions in the set of PDCCH monitoring occasions;
monitoring, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

7.——The method of claim 6, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is inversely proportional to the number of PDCCH monitoring occasions.

8.——The method of claim 6, further comprising:
decoding a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

9.——The method of claim 6, further comprising:

determining a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and

decoding data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

10. The method of claim 9, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

11. A method for wireless communication, comprising:

determining a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;

determining, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a user equipment (UE) capability;

monitoring, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and

decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

12. The method of claim 11, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is proportional to a number of PDCCH monitoring occasions within the slot.

13. The method of claim 11, further comprising:

transmitting, to a base station, an indication of the UE capability; and

identifying, based at least in part on the UE capability, a set of parameters corresponding to the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both.

14. The method of claim 13, wherein the UE capability comprises a maximum number of PDCCH monitoring occasions supported by a UE.

15. The method of claim 11, further comprising:
determining a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and
decoding data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

16. The method of claim 15, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

17. The method of claim 11, further comprising:
decoding a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

~~18. An apparatus for wireless communication, comprising:~~

~~means for determining a first configuration for a set of physical downlink control channel (PDCCH) monitoring occasions during a slot, the first configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion of the set of PDCCH monitoring occasions;~~

~~means for determining a second configuration for monitoring the set of PDCCH monitoring occasions, the second configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping CCEs, or a combination thereof, within the slot;~~

means for monitoring, in accordance with the first configuration and the second configuration, for control information during the set of PDCCH monitoring occasions; and

means for decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

19. The apparatus of claim 18, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping control channel elements (CCEs), or both, within each PDCCH monitoring occasion is fixed.

20. The apparatus of claim 18, further comprising:

means for determining a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and

means for decoding data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

21. The apparatus of claim 20, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

22. The apparatus of claim 18, further comprising:

means for decoding a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

23. An apparatus for wireless communication, comprising:

means for determining a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;

means for determining, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion,

~~wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a number of PDCCH monitoring occasions in the set of PDCCH monitoring occasions;~~

~~means for monitoring, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and~~

~~means for decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.~~

~~24. The apparatus of claim 23, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is inversely proportional to the number of PDCCH monitoring occasions.~~

~~25. The apparatus of claim 23, further comprising:~~

~~means for receiving a set of signals including one or more physical downlink shared channels (PDSCHs), wherein the instructions are further executable by the processor to cause the apparatus to:~~

~~means for decoding a PDSCH within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.~~

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

~~means for determining a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and~~

~~means for decoding data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.~~

~~27. The apparatus of claim 26, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.~~

28. An apparatus for wireless communication, comprising:

means for determining a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;

means for determining, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a user equipment (UE) capability;

means for monitoring, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and

means for decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

29. The apparatus of claim 28, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is proportional to a number of PDCCH monitoring occasions within the slot.

30. The apparatus of claim 28, further comprising:

means for transmitting, to a base station, an indication of the UE capability; and

means for identifying, based at least in part on the UE capability, a set of parameters corresponding to the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both.

31. The apparatus of claim 30, wherein the UE capability comprises a maximum number of PDCCH monitoring occasions supported by a UE.

32. The apparatus of claim 28, further comprising:

means for determining a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and

~~means for decoding data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.~~

~~33. The apparatus of claim 32, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.~~

~~34. The apparatus of claim 28, further comprising:~~

~~means for decoding a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.~~

~~35.~~ 18. 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:
determine a first configuration for a set of physical downlink control channel (PDCCH) monitoring occasions during a slot, the first configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion of the set of PDCCH monitoring occasions;
determine a second configuration for monitoring the set of PDCCH monitoring occasions, the second configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping CCEs, or a combination thereof, within the slot;
monitor, in accordance with the first configuration and the second configuration, for control information during the set of PDCCH monitoring occasions; and
decode the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

19. The apparatus of claim 18, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping control channel elements (CCEs), or both, within each PDCCH monitoring occasion is fixed.

20. The apparatus of claim 18, wherein the instructions are further executable by the processor to cause the apparatus to:
determine a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and
decode data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

21. The apparatus of claim 20, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

22. The apparatus of claim 18, wherein the instructions are further executable by the processor to cause the apparatus to:
decode a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

~~36.~~ 23. 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:
determine a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
determine, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a number of PDCCH monitoring occasions in the set of PDCCH monitoring occasions;

monitor, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
decode the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

24. The apparatus of claim 23, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is inversely proportional to the number of PDCCH monitoring occasions.

25. The apparatus of claim 23, further comprising:
a transceiver configured to receive a set of signals including one or more physical downlink shared channels (PDSCHs), wherein the instructions are further executable by the processor to cause the apparatus to:
decode a PDSCH within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

26. The apparatus of claim 23, wherein the instructions are further executable by the processor to cause the apparatus to:
determine a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and
decode data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

27. The apparatus of claim 26, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

~~37.~~ 28. 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:
determine a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
determine, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a user equipment (UE) capability;
monitor, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
decode the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

29. The apparatus of claim 28, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, within each PDCCH monitoring occasion is proportional to a number of PDCCH monitoring occasions within the slot.

30. The apparatus of claim 28, wherein the instructions are further executable by the processor to cause the apparatus to:
transmit, to a base station, an indication of the UE capability; and
identify, based at least in part on the UE capability, a set of parameters corresponding to the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both.

31. The apparatus of claim 30, wherein the UE capability comprises a maximum number of PDCCH monitoring occasions supported by a UE.

32. The apparatus of claim 28, wherein the instructions are further executable by the processor to cause the apparatus to:
determine a threshold number of physical downlink shared channels (PDSCHs) within the slot based at least in part on a number of PDCCH decoding occasions within each PDCCH monitoring occasion of the set; and

decode data from one or more PDSCHs within the slot based at least in part on determining the threshold number of PDSCHs.

33. The apparatus of claim 32, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or a combination thereof, is based at least in part on the threshold number of PDSCHs.

34. The apparatus of claim 28, wherein the instructions are further executable by the processor to cause the apparatus to:
decode a physical downlink shared channel (PDSCH) within the slot based at least in part on a threshold associated with a transport block size (TBS) for the PDSCH, a rank for the PDSCH, a modulation and coding scheme (MCS) for the PDSCH, or a number of component carriers (CCs) for the PDSCH, or a combination thereof.

35. An apparatus for wireless communication, comprising:
means for determining a first configuration for a set of physical downlink control channel (PDCCH) monitoring occasions during a slot, the first configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion of the set of PDCCH monitoring occasions;
means for determining a second configuration for monitoring the set of PDCCH monitoring occasions, the second configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping CCEs, or a combination thereof, within the slot;
means for monitoring, in accordance with the first configuration and the second configuration, for control information during the set of PDCCH monitoring occasions; and
means for decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

36. An apparatus for wireless communication, comprising:
means for determining a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
means for determining, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements

(CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a number of PDCCH monitoring occasions in the set of PDCCH monitoring occasions;
means for monitoring, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
means for decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

37. An apparatus for wireless communication, comprising:
means for determining a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
means for determining, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a user equipment (UE) capability;
means for monitoring, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
means for decoding the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

38.—— A non-transitory computer-readable medium storing code for wireless communication, the code comprising instructions executable by a processor to:
determine a first configuration for a set of physical downlink control channel (PDCCH) monitoring occasions during a slot, the first configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion of the set of PDCCH monitoring occasions;
determine a second configuration for monitoring the set of PDCCH monitoring occasions, the second configuration comprising a threshold number of PDCCH candidates, or a threshold number of non-overlapping CCEs, or a combination thereof, within the slot;

monitor, in accordance with the first configuration and the second configuration, for control information during the set of PDCCH monitoring occasions; and
decode the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

39.—— A non-transitory computer-readable medium storing code for wireless communication, the code comprising instructions executable by a processor to:
determine a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
determine, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a number of PDCCH monitoring occasions in the set of PDCCH monitoring occasions;
monitor, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
decode the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.

40.—— A non-transitory computer-readable medium storing code for wireless communication, the code comprising instructions executable by a processor to:
determine a configuration for a set of physical downlink control channel (PDCCH) monitoring occasions within a slot;
determine, based at least in part on the configuration, a threshold number of PDCCH candidates, or a threshold number of non-overlapping control channel elements (CCEs), or a combination thereof, within each PDCCH monitoring occasion, wherein the threshold number of PDCCH candidates, or the threshold number of non-overlapping CCEs, or both, is based at least in part on a user equipment (UE) capability;
monitor, in accordance with the configuration, for control information during the set of PDCCH monitoring occasions; and
decode the control information identified within at least one PDCCH monitoring occasion of the set of PDCCH monitoring occasions.