~~CLAIMS~~

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

CLAIMS

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

~~identifying~~ a memory; and at least one processor coupled to the memory, wherein the at least one processor is configured to: select a power control configuration for an uplink communication ~~by the UE, the~~ based at least in part on an uplink communication type of the uplink communication, wherein the uplink communication is for reception by a plurality of reception points associated with one or more ~~base stations;~~

~~selecting, based at least in part on~~network devices, and wherein the ~~identifying, a~~ power control configuration ~~for the uplink communication from~~is included in a set of power control configurations corresponding to the plurality of reception points; ~~and transmitting~~determine a path loss at a layer, wherein the layer is based at least in part on the uplink communication type; and transmit the uplink communication according to the selected power control configuration, wherein, to transmit the uplink communication according to the selected power control configuration, the at least one processor is configured to transmit the uplink communication with a transmit power that is based at least in part on the path loss determined at the layer.

2. ~~The method~~apparatus of claim 1, wherein the at least one processor is further ~~comprising:~~

~~receiving~~configured to: receive, from a ~~base station~~network device of the one or more ~~base stations~~network devices, signaling that indicates the set of power control configurations corresponding to the plurality of reception points.

3. ~~The method~~apparatus of claim 1, wherein the ~~selecting~~at least one processor is further ~~based at least in part on~~ configured to: receive an indication of the power control configuration ~~received~~ from ~~one~~ a network device of the one or more ~~base stations.~~

~~4. The method of claim 3, wherein~~ network devices; and select the power control configuration further based at least in part on the indication of the power control configuration.

4. The apparatus of claim 3, wherein, to receive the indication of the power control configuration, the at least one processor is ~~received~~configured to: receive the indication of the power control configuration via a downlink control information (DCI) message.

5. ~~The method~~apparatus of claim 1, wherein the set of power control configurations comprises, for each reception point of the plurality of reception points, a respective power

control configuration ~~in~~for which the respective reception point is a primary reception point for the uplink communication.

6. ~~———~~ The ~~method~~apparatus of claim 1, ~~further comprising:~~

~~measuring a downlink communication based~~ wherein the at least ~~in part on the selected power control configuration; and~~

~~determining~~one processor is further configured to: determine one or more transmit power parameters for transmitting the uplink communication based at least in part on ~~the measuring~~: a measurement of a downlink communication based at least in part on the selected power control configuration.

7. ~~——~~ The ~~method~~apparatus of claim 6, wherein the downlink communication comprises a reference signal, and ~~measuring~~wherein the ~~downlink communication comprises measuring~~measurement includes a reference signal received power (RSRP) for the reference signal.

8. ~~———~~ The ~~method~~apparatus of claim 1, wherein the at least one processor is further ~~comprising:~~

~~receiving~~configured to: receive, from ~~the base station~~a network device of the one or more network devices, an indication of a beam to use for the uplink communication, the beam associated with a reception point of the plurality~~; and~~ of reception points; and wherein, to transmit the uplink communication according to the selected power control configuration, the at least one processor is configured cause the apparatus to transmit the uplink communication via the beam associated with the reception point.

~~transmitting the uplink communication via the beam associated with the reception point.~~

9. ~~———~~ The ~~method~~apparatus of claim 1, wherein the layer is a physical layer of the apparatus, and wherein the at least one processor is further ~~comprising:~~

~~determining~~configured to: determine, at a physical layer of the ~~UE~~apparatus, a reference signal received power (RSRP) for a reference signal received by the ~~UE; and~~

~~setting a~~ apparatus, wherein the transmit power ~~for the uplink communication~~is based at least in part on the RSRP as determined at the physical layer of the ~~UE~~apparatus.

~~10. The method of claim 9, further comprising:~~

~~determining, at the physical layer of the UE, a path loss based at least in part on the RSRP; and~~

~~setting a transmit power for the uplink communication based at least in part on the path loss for the downlink communication.~~

~~11. The method of claim 1, further comprising:~~

~~identifying~~10. The apparatus of claim 1, wherein the layer is a physical layer of the apparatus, and wherein the at least one processor is further configured to: determine and filter a reference signal received power (RSRP) at the physical layer of the apparatus based at least in part on the uplink communication type; and determine the path loss at the physical layer of the apparatus based at least in part on the uplink communication type, the path loss based at least in part on the RSRP determined and filtered at the physical layer of the apparatus, wherein the transmit power is based at least in part on the path loss determined at the physical layer of the apparatus.

11. The apparatus of claim 1, wherein the uplink communication type comprises a low latency or high reliability communication type, and wherein: the transmit power for the uplink communication is based at least in part on a default transmit power for ~~low latency or high reliability communications; and~~

~~setting a transmit power for the uplink communication based at least in part on the default transmit power for~~ the low latency or high reliability ~~communications~~communication type.

12. ~~The method~~apparatus of claim 11, ~~further comprising:~~

~~receiving~~wherein the at least one processor is further configured to: receive, from a ~~base station~~network device of the one or more network devices, an indication of the default transmit power for the low latency or high reliability ~~communications~~communication type.

13. ~~The method~~apparatus of claim 1, ~~further comprising:~~

~~identifying~~wherein the uplink communication type comprises a scheduling type for the uplink communication~~;~~

~~identifying~~, and wherein: the transmit power for the uplink communication is based at least in part on a default transmit power for the scheduling type~~; and~~.

~~setting a transmit power for the uplink communication based at least in part on the default transmit power for the scheduling type.~~

14. ~~The method~~apparatus of claim 1, ~~further comprising:~~

~~receiving~~wherein the at least one processor is further configured to: receive a downlink communication over a first bandwidth;

~~determining a~~ determine the path loss of the downlink communication over a second bandwidth that is narrower than the first bandwidth; and select the power control configuration further based at least in part on the path loss over the second bandwidth.

~~selecting the power control configuration based at least in part on~~

15. The apparatus of claim 14, wherein, to determine the path loss over the second bandwidth~~.~~

~~15. The method of claim 14, wherein determining the path loss over the second bandwidth comprises:~~

~~identifying~~, the at least one processor is configured to: identify a set of resource blocks semi-persistently scheduled for the ~~UE~~apparatus; and

~~measuring~~ measure the path loss based at least in part on a reference signal received via the set of resource blocks.

16. ~~The method~~apparatus of claim 1, wherein ~~selecting~~ the ~~power control configuration~~uplink communication type comprises~~:~~

~~selecting~~ a ~~set of transmit powers specific to~~ low latency or high reliability ~~communications~~communication type or a semi-persistently scheduled ~~communications~~communication type.

17. ~~The method~~apparatus of claim 16, wherein ~~transmitting~~, to transmit the uplink communication according to the selected power control configuration ~~comprises:~~

~~selecting a~~, the at least one processor is configured to: transmit ~~power from~~the uplink communication at the ~~set of~~ transmit ~~powers~~power specific to the low latency or high reliability ~~communications~~communication type or the semi-persistently scheduled ~~communications; and~~communication type.

~~transmitting the uplink communication at the selected transmit power.~~

18. ~~The method~~apparatus of claim ~~1~~16, wherein ~~selecting~~, to select the power control configuration ~~comprises:~~

~~selecting~~, the at least one processor is configured to: select a step size for transmit power adjustments specific to the low latency or high reliability ~~communications~~communication type or the semi-persistently scheduled ~~communications~~communication type.

19. ~~The method~~apparatus of claim 1, wherein the selected power control configuration comprises a first set of transmission parameters for initial transmissions and a second set of transmission parameters for retransmission, ~~further comprising:~~and wherein, to transmit the uplink communication according to the selected power control configuration, the at least one processor is configured to: transmit the uplink communication according to the first set of transmission parameters; and retransmit the uplink communication according to the second set of transmission parameters.

~~identifying the uplink communication as an initial transmission;~~

~~transmitting the uplink communication according to the first set of transmission parameters; and~~

~~retransmitting the uplink communication according to the second set of transmission parameters.~~

20. ~~A method~~ An apparatus for wireless communication ~~at a base station~~, comprising:

~~selecting~~ a memory; and at least one processor coupled to the memory, wherein the at least one processor is configured to: select a power control configuration for

an uplink communication from a user equipment (UE~~),~~) based at least in part on an uplink communication type of the uplink communication, wherein a path loss is to be determined by the UE at a layer, the layer based at least in part on the uplink communication type, wherein the uplink communication is for reception by a plurality of reception points, and wherein the power control configuration is included in a set of power control configurations corresponding to the plurality of reception points;

~~transmitting~~ transmit, to the UE, an indication of the selected power control configuration; and

~~receiving~~ receive, from the UE, the uplink communication in accordance with the selected power control configuration.

21. ~~————~~ The ~~method~~apparatus of claim 20, wherein the at least one processor is further ~~comprising:~~

~~transmitting,~~configured to ~~a~~: transmit, to the UE, signaling that indicates the set of power control configurations corresponding to the plurality of reception points.

22. ~~——~~ The ~~method~~apparatus of claim 20, wherein, to transmit the indication of the selected power control configuration, the at least one processor is ~~transmitted~~configured to: transmit the indication of the selected power control configuration via a downlink control information (DCI) message.

23. ~~——~~ The ~~method~~apparatus of claim 20, wherein the set of power control configurations includes, for each reception point of the plurality of reception points, a respective power control configuration ~~in~~for which the respective reception point is a primary reception point for the uplink communication.

24. ~~————~~ The ~~method~~apparatus of claim 20, wherein the at least one processor is further ~~comprising:~~

~~transmitting~~configured to: transmit, to the UE, an indication of a beam to use for the uplink communication, the beam associated with a reception point of the plurality~~.~~ of reception points.

25. ~~————~~ The ~~method~~apparatus of claim 20, wherein ~~transmitting~~, to transmit the indication of the selected power control configuration ~~comprises:~~

~~transmitting~~, the at least one processor is configured to: transmit, to the UE, an indication to adjust the transmit power of the uplink communication based at least in part on physical layer measurements by the UE.

26. ~~————~~ The ~~method~~apparatus of claim 20, wherein ~~determining~~the uplink communication type comprises a low latency or high reliability communication type or a

semi-persistently scheduled communication type, and wherein, to select the power control configuration ~~comprises:~~

~~determining~~, the at least one processor is configured to: select a default transmit power or step size for transmit power adjustments that is specific to the low latency or high reliability ~~communications~~communication type or the semi-persistently scheduled ~~communications~~communication type.

27. ~~(Cancelled)~~ The ~~method~~apparatus of claim 20, wherein ~~transmitting~~, to transmit the indication of the selected power control configuration ~~comprises:~~

~~configuring~~, the at least one processor is configured to: configure the UE for communications over a first bandwidth; and

~~transmitting~~ transmit, to the UE, an indication to adjust the transmit power of the uplink communication based at least in part on a measurement over a second bandwidth that is narrower than the first bandwidth.

28. ~~(Cancelled)~~ The ~~method~~apparatus of claim 20, wherein ~~determining~~, to select the power control configuration ~~comprises:~~

~~determining~~, the at least one processor is configured to: select a first set of transmission parameters for initial transmissions and a second set of transmission parameters for retransmissions.

29. ~~(Cancelled) An apparatus for~~ A method of wireless communication ~~at a user equipment (UE),~~performed by an apparatus, comprising:

~~means~~ selecting a power control configuration for ~~identifying~~ an uplink communication ~~by the UE, the~~based at least in part on an uplink communication type of the uplink communication, wherein the uplink communication is for reception by a plurality of reception points ~~associated with one or more base stations;~~

~~means for selecting, based at least in part on~~ , and wherein the ~~identifying, a~~ power control configuration ~~for the uplink communication from~~is included in a set of power control configurations corresponding to the plurality of reception points; ~~and~~

~~means for~~determining a path loss at a layer, wherein the layer is based at least in part on the uplink communication type; and transmitting the uplink communication according to the selected power control configuration, wherein transmitting the uplink communication according to the selected power control configuration comprises transmitting the uplink communication with a transmit power that is based at least in part on the path loss determined at the layer.

30. ~~(Cancelled) An apparatus for~~ A method of wireless communication ~~at a base station~~performed by a network device, comprising:

~~means for~~ selecting a power control configuration for an uplink communication from a user equipment (UE~~), the uplink communication~~) based at least in

part on an uplink communication type of the uplink communication, wherein a path loss is to be determined by the UE at a layer, the layer based at least in part on the uplink communication type, wherein the uplink communication is for reception by a plurality of reception points, and wherein the power control configuration is included in a set of power control configurations corresponding to the plurality of reception points;

~~means for~~ transmitting, to the UE, an indication of the selected power control configuration; and

~~means for~~ receiving, from the UE, the uplink communication in accordance with the selected power control configuration.