CLAIMS

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

receiving a resource assignment of a carrier for full-duplex communication;

determining a signal to noise ratio based at least in part on a first set of parameters, the signal to noise ratio associated with decoding a potential downlink signal from a network entity;

determining a transmit power control for a first uplink signal in the full-duplex communication over the carrier, based at least in part on the signal to noise ratio, a subcarrier spacing of the resource assignment, and a power reduction that is based at least in part on a channel type for the potential downlink signal, wherein the channel type comprises one of a physical downlink shared channel or a physical downlink control channel; and

transmitting, to the network entity, the first uplink signal in a first slot formatted for the full-duplex communication.

2. The method of claim 1, further comprising:

determining a transmit power control for a second uplink signal in half-duplex communication over the carrier using a transmit power control command that is based at least in part on a slot format; and

transmitting the second uplink signal in a second slot formatted for the half-duplex communication.

3. The method of claim 2, wherein the half-duplex communication is configured for time division duplex multiplexing or frequency division duplex multiplexing over resources of the carrier.

4. The method of claim 1, further comprising:

identifying a second set of parameters associated with the UE, the second set of parameters comprising at least a power class and a maximum power reduction for the full-duplex communication; and

wherein the determining the transmit power control for the first uplink signal further comprises determining a configured transmit power for the UE based at least in part on identifying the second set of parameters.

5. The method of claim 4, wherein the configured transmit power comprises a maximum allowed transmit power at the UE.

6. The method of claim 1, further comprising:

configuring a second set of parameters for a reference power determination associated with the full-duplex communication; and

wherein the determining the transmit power control for the first uplink signal is based at least in part on the configuring.

7. The method of claim 6, wherein the reference power determination comprises an open loop power determination or a closed loop power determination.

8. The method of claim 1, wherein the resource assignment comprises at least one of a number of resource blocks for the first uplink signal, a number of resource blocks for the

potential downlink signal, or a resource block allocation between the first uplink signal and the potential downlink signal.

9. The method of claim 1, further comprising:

estimating a pathloss of the potential downlink signal for the full-duplex communication; and

wherein the determining the transmit power control for the first uplink signal further comprises determining a compensation parameter of the transmit power control based at least in part on the estimating.

10. The method of claim 9, wherein the compensation parameter comprises a fractional power control parameter.

11. The method of claim 1, further comprising:

configuring a second set of parameters for a power control command associated with the full-duplex communication; and

wherein the determining the transmit power control for the first uplink signal is based at least in part on the configuring.

12. The method of claim 11, wherein the power control command comprises a power control step size for transmitting the first uplink signal in the first slot.

13. The method of claim 1, further comprising:

transmitting, to the network entity, a signal indication of the power reduction.

14. The method of claim 1, further comprising:

receiving the potential downlink signal on resources of the carrier; and

wherein the signal to noise ratio is based at least in part on processing the potential downlink signal.

15. The method of claim 1, wherein the first set of parameters comprises at least one of a modulation coding scheme, a code-rate, a transmission quality of service, a modulation format, or allocated resource elements.

16. The method of claim 1, wherein the first set of parameters are configured at the UE or indicated to the UE via one or more of a radio resource control indication, downlink control information, a control element of medium access control.

17. The method of claim 1, wherein the transmit power control comprises a physical uplink shared channel transmission power or a physical uplink control channel transmission power for the full-duplex communication.

18. The method of claim 1, wherein the UE supports millimeter wave communications over a set of configured antennas.

19. The method of claim 1, wherein the first set of parameters comprises a transmission configuration indicator state pairing for the full-duplex communication.

20. 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:

receive a resource assignment of a carrier for full-duplex communication;

determine a signal to noise ratio based at least in part on a first set of parameters, the signal to noise ratio associated with decoding a potential downlink signal from a network entity;

determine a transmit power control for a first uplink signal in the full-duplex communication over the carrier, based at least in part on the signal to noise ratio, a subcarrier spacing of the resource assignment, and a power reduction that is based at least in part on a channel type for the potential downlink signal, wherein the channel type comprises one of a physical downlink shared channel or a physical downlink control channel; and

transmit, to the network entity, the first uplink signal in a first slot formatted for the full-duplex communication.

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

determine a transmit power control for a second uplink signal in half-duplex communication over the carrier using a transmit power control command that is based at least in part on a slot format; and

transmit the second uplink signal in a second slot formatted for the half-duplex communication.

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

identify a second set of parameters associated with the apparatus, the second set of parameters comprising at least a power class and a maximum power reduction for the full-duplex communication; and

determine a configured transmit power for the apparatus based at least in part on the second set of parameters.

23. The apparatus of claim 22, wherein the configured transmit power comprises a maximum allowed transmit power at the UE.

24. The apparatus of claim 22, wherein the UE supports millimeter wave communications over a set of configured antennas.

25. The apparatus of claim 21, wherein the half-duplex communication is configured for time division duplex multiplexing or frequency division duplex multiplexing over resources of the carrier.

26. The apparatus of claim 21, wherein the transmit power control comprises a physical uplink shared channel transmission power or a physical uplink control channel transmission power for the full-duplex communication.

27. The apparatus of claim 20,

wherein the instructions are further executable by the processor to cause the apparatus to configure a second set of parameters for a reference power determination associated with the full-duplex communication; and

wherein the instructions to determine the transmit power control for the first uplink signal are further executable by the processor to cause the apparatus to determine the transmit power control for the first uplink signal based at least in part on configuring the second set of parameters.

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

estimate a pathloss of the potential downlink signal for the full-duplex communication; and

determine a compensation parameter of the transmit power control based at least in part on estimating the pathloss.

29. The apparatus of claim 28, wherein the compensation parameter comprises a fractional power control parameter.

30. The apparatus of claim 20,

wherein the instructions are further executable by the processor to cause the apparatus to configure a second set of parameters for a power control command associated with the full-duplex communication; and

wherein the instructions to determine the transmit power control for the first uplink signal are further executable by the processor to cause the apparatus to determine the transmit power control for the first uplink signal based at least in part on configuring the second set of parameters.

31. The apparatus of claim 30, wherein the power control command comprises a power control step size for transmitting the first uplink signal in the first slot.

32. The apparatus of claim 20, wherein the first set of parameters comprises a transmission configuration indicator state pairing for the full-duplex communication.

33. The apparatus of claim 20, wherein the resource assignment comprises at least one of a number of resource blocks for the first uplink signal, a number of resource blocks for the potential downlink signal, or a resource block allocation between the first uplink signal and the potential downlink signal.

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

transmit, to the network entity, a signal indication of the power reduction.

35. The apparatus of claim 20,

wherein the instructions are further executable by the processor to cause the apparatus to receive the potential downlink signal on resources of the carrier; and

wherein the signal to noise ratio is based at least in part on processing the potential downlink signal.

36. The apparatus of claim 20, wherein the first set of parameters comprises at least one of a modulation coding scheme, a code-rate, a transmission quality of service, a modulation format, or allocated resource elements.

37. The apparatus of claim 20, wherein the first set of parameters are configured at the UE or indicated to the UE via one or more of a radio resource control indication, downlink control information, a control element of medium access control.

38. An apparatus for wireless communication, comprising:

means for receiving a resource assignment of a carrier for full-duplex communication;

means for determining a signal to noise ratio based at least in part on a first set of parameters, the signal to noise ratio associated with decoding a potential downlink signal from a network entity;

means for determining a transmit power control for a first uplink signal in the full-duplex communication over the carrier, based at least in part on the signal to noise ratio, a subcarrier spacing of the resource assignment, and a power reduction that is based at least in part on a channel type for the potential downlink signal, wherein the channel type comprises one of a physical downlink shared channel or a physical downlink control channel; and

means for transmitting, to the network entity, the first uplink signal in a first slot formatted for the full-duplex communication.

39. A non-transitory computer-readable medium storing code for wireless communication at a user equipment (UE), the code comprising instructions executable by a processor to:

receive a resource assignment of a carrier for full-duplex communication;

determine a signal to noise ratio based at least in part on a first set of parameters, the signal to noise ratio associated with decoding a potential downlink signal from a network entity;

determine a transmit power control for a first uplink signal in the full-duplex communication over the carrier, based at least in part on the signal to noise ratio, a subcarrier spacing of the resource assignment, and a power reduction that is based at least in part on a channel type for the potential downlink signal, wherein the channel type comprises one of a physical downlink shared channel or a physical downlink control channel; and

transmit, to the network entity, the first uplink signal in a first slot formatted for the full-duplex communication.