CLAIMS

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

receiving a power control configuration for uplink transmissions on a first cell group and on a second cell group, wherein the UE is configured for dual connectivity and to communicate with the first cell group and the second cell group;

identifying an uplink transmission for one or more symbol periods on a component carrier of the second cell group;

identifying, for the one or more symbol periods, a number of symbol periods on the first cell group indicated as semi-static uplink or flexible by a set of time or frequency division duplexing configurations corresponding to the first cell group;

determining, for the first cell group, a first configured power level for the one or more symbol periods; and

determining, based at least in part on the determined first configured power level and the received power control configuration, whether to perform the uplink transmission during the one or more symbol periods on the component carrier of the second cell group.

2. The method of claim 1, further comprising:

determining a second configured power level for the one or more symbol periods on the second cell group;

identifying that a sum of the determined first configured power level and the determined second configured power level is less than or equal to a power level threshold for the one or more symbol periods; and

performing power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods.

3. The method of claim 2, wherein performing power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods comprises:

performing power control for the first cell group according to a carrier aggregation power control scheme; or

performing power control for the second cell group according to the carrier aggregation power control scheme; or

a combination thereof.

4. The method of claim 1, wherein determining whether to perform the uplink transmission comprises:

determining to abstain from performing the uplink transmission during the one or more symbol periods based at least in part on identifying that at least one symbol period is indicated as semi-static uplink or flexible during the one or more symbol periods for at least one component carrier of the first cell group.

5. The method of claim 1, further comprising:

determining whether to perform the uplink transmission based at least in part on one of a first set of power level thresholds or a second set of power level thresholds, and the determined first configured power level, the first set of power level thresholds and the second set of power level thresholds indicated by the received power control configuration.

6. The method of claim 5, further comprising:

performing power control for one of the first cell group or the second cell group according to the first set of power level thresholds based at least in part on identifying zero symbol periods indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

7. The method of claim 5, further comprising:

performing power control for one of the first cell group or the second cell group according to the second set of power level thresholds based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

8. The method of claim 5, wherein:

the first set of power level thresholds comprises a first maximum power for the first cell group and a first maximum power for the second cell group, and wherein the

second set of power thresholds comprises a second maximum power for the first cell group and a second maximum power for the second cell group.

9. The method of claim 8, wherein the sum of the first maximum power for the first cell group and the first maximum power for the second cell group does not exceed a maximum power for the UE.

10. The method of claim 8, wherein the first maximum power for the first cell group and the first maximum power for the second cell group are identified based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible.

11. The method of claim 1, further comprising:

identifying that at least one component carrier of the first cell group is configured according to a frequency division duplexing configuration; and

determining that at least one symbol period of uplink frequency resources of the frequency division duplexing configuration are unavailable for uplink transmissions on the at least one component carrier.

12. The method of claim 11, further comprising:

identifying a time division duplexing configuration indicating uplink resources for acknowledgment or data channel transmissions on the uplink frequency resources of the at least one component carrier; and

transmitting an acknowledgment or a data channel signal according to the identified time division duplexing configuration.

13. The method of claim 1, wherein the first cell group comprises a master cell group, and the second cell group comprises a secondary cell group.

14. The method of claim 1, wherein the first cell group and the second cell group are in a same radio frequency spectrum band.

15. The method of claim 2, wherein the power level configured on the first cell group or the second cell group for uplink transmission depends on whether there is an overlap between the first cell group and the second cell group uplink transmissions or not.

16. The method of claim 15, further comprising:

the power level configured for the second cell group is selected from a first set of power values when there is an overlap between the first cell group and the second cell group uplink transmissions; or

the power level configured for the second cell group is selected from a second set of power values when there is no overlap between the first cell group and the second cell group uplink transmissions.

17. An apparatus for wireless communication at a user equipment (UE), comprising:

a processor,

memory coupled to the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus to:

receive a power control configuration for uplink transmissions on a first cell group and on a second cell group, wherein the UE is configured for dual connectivity and to communicate with the first cell group and the second cell group;

identify an uplink transmission for one or more symbol periods on a component carrier of the second cell group;

identify, for the one or more symbol periods, a number of symbol periods on the first cell group indicated as semi-static uplink or flexible by a set of time or frequency division duplexing configurations corresponding to the first cell group;

determine, for the first cell group, a first configured power level for the one or more symbol periods; and

determine, based at least in part on the determined first configured power level and the received power control configuration, whether to perform the uplink transmission during the one or more symbol periods on the component carrier of the second cell group.

18. The apparatus of claim 17, wherein the instructions are further executable by the processor to cause the apparatus to:

determine a second configured power level for the one or more symbol periods on the second cell group;

identify that a sum of the determined first configured power level and the determined second configured power level is less than or equal to a power level threshold for the one or more symbol periods; and

perform power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods.

19. The apparatus of claim 18, wherein the instructions to perform power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods are executable by the processor to cause the apparatus to:

perform power control for the first cell group according to a carrier aggregation power control scheme; or

perform power control for the second cell group according to the carrier aggregation power control scheme; or

a combination thereof.

20. The apparatus of claim 17, wherein the instructions to determine whether to perform the uplink transmission are executable by the processor to cause the apparatus to:

determine to abstain from performing the uplink transmission during the one or more symbol periods based at least in part on identifying that at least one symbol period is indicated as semi-static uplink or flexible during the one or more symbol periods for at least one component carrier of the first cell group.

21. The apparatus of claim 17, wherein the instructions are further executable by the processor to cause the apparatus to:

determine whether to perform the uplink transmission based at least in part on one of a first set of power level thresholds or a second set of power level thresholds, and the determined first configured power level, the first set of power level thresholds and the second set of power level thresholds indicated by the received power control configuration.

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

perform power control for one of the first cell group or the second cell group according to the first set of power level thresholds based at least in part on identifying zero

symbol periods indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

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

perform power control for one of the first cell group or the second cell group according to the second set of power level thresholds based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

24. The apparatus of claim 21, wherein:

the first set of power level thresholds comprises a first maximum power for the first cell group and a first maximum power for the second cell group, and wherein the second set of power thresholds comprises a second maximum power for the first cell group and a second maximum power for the second cell group.

25. The apparatus of claim 24, wherein the sum of the first maximum power for the first cell group and the first maximum power for the second cell group does not exceed a maximum power for the UE.

26. The apparatus of claim 24, wherein the first maximum power for the first cell group and the first maximum power for the second cell group are identified based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible.

27. The apparatus of claim 17, wherein the instructions are further executable by the processor to cause the apparatus to:

identify that at least one component carrier of the first cell group is configured according to a frequency division duplexing configuration; and

determine that at least one symbol period of uplink frequency resources of the frequency division duplexing configuration are unavailable for uplink transmissions on the at least one component carrier.

28. The apparatus of claim 27, wherein the instructions are further executable by the processor to cause the apparatus to:

identify a time division duplexing configuration indicating uplink resources for acknowledgment or data channel transmissions on the uplink frequency resources of the at least one component carrier; and

transmit an acknowledgment or a data channel signal according to the identified time division duplexing configuration.

29. The apparatus of claim 17, wherein the first cell group comprises a master cell group, and the second cell group comprises a secondary cell group.

30. The apparatus of claim 17, wherein the first cell group and the second cell group are in a same radio frequency spectrum band.

31. The apparatus of claim 18, wherein the power level configured on the first cell group or the second cell group for uplink transmission depends on whether there is an overlap between the first cell group and the second cell group uplink transmissions or not.

32. The apparatus of claim 31, further comprising:

the power level configured for the second cell group is selected from a first set of power values when there is an overlap between the first cell group and the second cell group uplink transmissions; or

the power level configured for the second cell group is selected from a second set of power values when there is no overlap between the first cell group and the second cell group uplink transmissions.

33. An apparatus for wireless communication at a user equipment (UE), comprising:

means for receiving a power control configuration for uplink transmissions on a first cell group and on a second cell group, wherein the UE is configured for dual connectivity and to communicate with the first cell group and the second cell group;

means for identifying an uplink transmission for one or more symbol periods on a component carrier of the second cell group;

means for identifying, for the one or more symbol periods, a number of symbol periods on the first cell group indicated as semi-static uplink or flexible by a set of time or frequency division duplexing configurations corresponding to the first cell group;

means for determining, for the first cell group, a first configured power level for the one or more symbol periods; and

means for determining, based at least in part on the determined first configured power level and the received power control configuration, whether to perform the uplink transmission during the one or more symbol periods on the component carrier of the second cell group.

34. The apparatus of claim 33, further comprising:

means for determining a second configured power level for the one or more symbol periods on the second cell group;

means for identifying that a sum of the determined first configured power level and the determined second configured power level is less than or equal to a power level threshold for the one or more symbol periods; and

means for performing power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods.

35. The apparatus of claim 34, wherein the means for performing power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods comprises:

means for performing power control for the first cell group according to a carrier aggregation power control scheme; or

means for performing power control for the second cell group according to the carrier aggregation power control scheme; or

a combination thereof.

36. The apparatus of claim 33, wherein the means for determining whether to perform the uplink transmission comprises:

means for determining to abstain from performing the uplink transmission during the one or more symbol periods based at least in part on identifying that at least one symbol period is indicated as semi-static uplink or flexible during the one or more symbol periods for at least one component carrier of the first cell group.

37. The apparatus of claim 33, further comprising:

means for determining whether to perform the uplink transmission based at least in part on one of a first set of power level thresholds or a second set of power level thresholds, and the determined first configured power level, the first set of power level thresholds and the second set of power level thresholds indicated by the received power control configuration.

38. The apparatus of claim 37, further comprising:

means for performing power control for one of the first cell group or the second cell group according to the first set of power level thresholds based at least in part on identifying zero symbol periods indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

39. The apparatus of claim 37, further comprising:

means for performing power control for one of the first cell group or the second cell group according to the second set of power level thresholds based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

40. The apparatus of claim 37, wherein:

the first set of power level thresholds comprises a first maximum power for the first cell group and a first maximum power for the second cell group, and wherein the second set of power thresholds comprises a second maximum power for the first cell group and a second maximum power for the second cell group.

41. The apparatus of claim 40, wherein the sum of the first maximum power for the first cell group and the first maximum power for the second cell group does not exceed a maximum power for the UE.

42. The apparatus of claim 40, wherein the first maximum power for the first cell group and the first maximum power for the second cell group are identified based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible.

43. The apparatus of claim 33, further comprising:

means for identifying that at least one component carrier of the first cell group is configured according to a frequency division duplexing configuration; and

means for determining that at least one symbol period of uplink frequency resources of the frequency division duplexing configuration are unavailable for uplink transmissions on the at least one component carrier.

44. The apparatus of claim 43, further comprising:

means for identifying a time division duplexing configuration indicating uplink resources for acknowledgment or data channel transmissions on the uplink frequency resources of the at least one component carrier; and

means for transmitting an acknowledgment or a data channel signal according to the identified time division duplexing configuration.

45. The apparatus of claim 33, wherein the first cell group comprises a master cell group, and the second cell group comprises a secondary cell group.

46. The apparatus of claim 33, wherein the first cell group and the second cell group are in a same radio frequency spectrum band.

47. The apparatus of claim 34, wherein the power level configured on the first cell group or the second cell group for uplink transmission depends on whether there is an overlap between the first cell group and the second cell group uplink transmissions or not.

48. The apparatus of claim 47, further comprising:

the power level configured for the second cell group is selected from a first set of power values when there is an overlap between the first cell group and the second cell group uplink transmissions; or

the power level configured for the second cell group is selected from a second set of power values when there is no overlap between the first cell group and the second cell group uplink transmissions.

49. 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 power control configuration for uplink transmissions on a first cell group and on a second cell group, wherein the UE is configured for dual connectivity and to communicate with the first cell group and the second cell group;

identify an uplink transmission for one or more symbol periods on a component carrier of the second cell group;

identify, for the one or more symbol periods, a number of symbol periods on the first cell group indicated as semi-static uplink or flexible by a set of time or frequency division duplexing configurations corresponding to the first cell group;

determine, for the first cell group, a first configured power level for the one or more symbol periods; and

determine, based at least in part on the determined first configured power level and the received power control configuration, whether to perform the uplink transmission during the one or more symbol periods on the component carrier of the second cell group.

50. The non-transitory computer-readable medium of claim 49, wherein the instructions are further executable to:

determine a second configured power level for the one or more symbol periods on the second cell group;

identify that a sum of the determined first configured power level and the determined second configured power level is less than or equal to a power level threshold for the one or more symbol periods; and

perform power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods.

51. The non-transitory computer-readable medium of claim 50, wherein the instructions to perform power control for the second cell group independent of performing power control for the first cell group for the one or more symbol periods are executable to:

perform power control for the first cell group according to a carrier aggregation power control scheme; or

perform power control for the second cell group according to the carrier aggregation power control scheme; or

a combination thereof.

52. The non-transitory computer-readable medium of claim 49, wherein the instructions to determine whether to perform the uplink transmission are executable to:

determine to abstain from performing the uplink transmission during the one or more symbol periods based at least in part on identifying that at least one symbol period is indicated as semi-static uplink or flexible during the one or more symbol periods for at least one component carrier of the first cell group.

53. The non-transitory computer-readable medium of claim 49, wherein the instructions are further executable to:

determine whether to perform the uplink transmission based at least in part on one of a first set of power level thresholds or a second set of power level thresholds, and the determined first configured power level, the first set of power level thresholds and the second set of power level thresholds indicated by the received power control configuration.

54. The non-transitory computer-readable medium of claim 53, wherein the instructions are further executable to:

perform power control for one of the first cell group or the second cell group according to the first set of power level thresholds based at least in part on identifying zero symbol periods indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

55. The non-transitory computer-readable medium of claim 53, wherein the instructions are further executable to:

perform power control for one of the first cell group or the second cell group according to the second set of power level thresholds based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible for each component carrier of an other one of the first cell group or the second cell group during the one or more symbol periods.

56. The non-transitory computer-readable medium of claim 53, wherein:

the first set of power level thresholds comprises a first maximum power for the first cell group and a first maximum power for the second cell group, and wherein the second set of power thresholds comprises a second maximum power for the first cell group and a second maximum power for the second cell group.

57. The non-transitory computer-readable medium of claim 56, wherein the sum of the first maximum power for the first cell group and the first maximum power for the second cell group does not exceed a maximum power for the UE.

58. The non-transitory computer-readable medium of claim 56, wherein the first maximum power for the first cell group and the first maximum power for the second cell group are identified based at least in part on identifying at least one symbol period indicated as semi-static uplink or flexible.

59. The non-transitory computer-readable medium of claim 49, wherein the instructions are further executable to:

identify that at least one component carrier of the first cell group is configured according to a frequency division duplexing configuration; and

determine that at least one symbol period of uplink frequency resources of the frequency division duplexing configuration are unavailable for uplink transmissions on the at least one component carrier.

60. The non-transitory computer-readable medium of claim 59, wherein the instructions are further executable to:

identify a time division duplexing configuration indicating uplink resources for acknowledgment or data channel transmissions on the uplink frequency resources of the at least one component carrier; and

transmit an acknowledgment or a data channel signal according to the identified time division duplexing configuration.

61. The non-transitory computer-readable medium of claim 49, wherein the first cell group comprises a master cell group, and the second cell group comprises a secondary cell group.

62. The non-transitory computer-readable medium of claim 49, wherein the first cell group and the second cell group are in a same radio frequency spectrum band.

63. The non-transitory computer-readable medium of claim 50, wherein the power level configured on the first cell group or the second cell group for uplink transmission depends on whether there is an overlap between the first cell group and the second cell group uplink transmissions or not.

64. The non-transitory computer-readable medium of claim 63, further comprising:

the power level configured for the second cell group is selected from a first set of power values when there is an overlap between the first cell group and the second cell group uplink transmissions; or

the power level configured for the second cell group is selected from a second set of power values when there is no overlap between the first cell group and the second cell group uplink transmissions.