

CLAIMS

1. A method of communication for an apparatus, comprising:
obtaining first power control information for a first wireless communication link;
obtaining second power control information for a second wireless communication link; and
generating a power control signal based on the first power control information and the second power control information.
2. The method of claim 1, wherein:
the first power control information comprises first power control commands sent via the first wireless communication link; and
the second power control information comprises second power control commands sent via the second wireless communication link.
3. The method of claim 1, wherein:
the power control signal is for controlling transmit power across a plurality of wireless communication links including the first wireless communication link and the second wireless communication link.
4. The method of claim 3, wherein the power control signal indicates a maximum transmit power across the plurality of wireless communication links.
5. The method of claim 1, further comprising:
determining whether the power control signal is to control transmit power across a plurality of wireless communication links including the first wireless communication link and the second wireless communication link,
wherein the determination is based on whether the first wireless communication link and the second wireless communication link share a radio frequency (RF) band.
6. The method of claim 1, wherein:
the first power control information comprises a first indication of transmission power on the first wireless communication link;

the second power control information comprises a second indication of transmission power on the second wireless communication link; and

the power control signal comprises a power control constraint across the first wireless communication link and the second wireless communication link.

7. The method of claim 1, further comprising:
communicating first transport blocks via the first wireless communication link,
wherein the first transport blocks are processed independently of second transport blocks communicated via the second wireless communication link.

8. The method of claim 7, wherein error processing of the first transport blocks is independent of error processing of the second transport blocks.

9. The method of claim 7, wherein cyclic redundancy check (CRC) processing of the first transport blocks is independent of CRC processing of the second transport blocks.

10. The method of claim 7, wherein:
the communication of the first transport blocks is via a first beam; and
the communication of the second transport blocks is via a second beam.

11. The method of claim 1, further comprising:
communicating on the first wireless communication link using a first radio frequency (RF) chain of the apparatus; and
communicating on the second wireless communication link using a second RF chain of the apparatus.

12. The method of claim 1, further comprising:
communicating on the first wireless communication link using a first antenna sub-array of the apparatus; and
communicating on the second wireless communication link using a second antenna sub-array of the apparatus.

13. The method of claim 1, wherein:

the apparatus is a transmit receive point;
the obtaining of the first power control information comprises receiving first signals using a first beam associated with the first wireless communication link; and
the obtaining of the second power control information comprises receiving the second power control information from another apparatus that is configured to receive second signals using a second beam associated with the second wireless communication link.

14. The method of claim 13, further comprising:
outputting the first power control information for transmission to the other apparatus.

15. The method of claim 1, wherein:
the apparatus is a user equipment;
the obtaining of the first power control information comprises receiving first signals using a first beam associated with the first wireless communication link; and
the obtaining of the second power control information comprises receiving second signals using a second beam associated with the second wireless communication link.

16. An apparatus for communication, comprising:
a memory; and
a processor coupled to the memory, wherein the processor and the memory are configured to:
obtain first power control information for a first wireless communication link;
obtain second power control information for a second wireless communication link; and
generate a power control signal based on the first power control information and the second power control information.

17. The apparatus of claim 16, wherein:
the first power control information comprises first power control commands sent via the first wireless communication link; and

the second power control information comprises second power control commands sent via the second wireless communication link.

18. The apparatus of claim 16, wherein:

the power control signal is for controlling transmit power across a plurality of wireless communication links including the first wireless communication link and the second wireless communication link.

19. The apparatus of claim 16, wherein:

the processor and the memory are further configured to determine whether the power control signal is to control transmit power across a plurality of wireless communication links including the first wireless communication link and the second wireless communication link; and

the determination is based on whether the first wireless communication link and the second wireless communication link share a radio frequency (RF) band.

20. The apparatus of claim 16, wherein the processor and the memory are further configured to:

output the first power control information for transmission to another apparatus.

21. An apparatus for communication, comprising:

means for obtaining first power control information for a first wireless communication link;

means for obtaining second power control information for a second wireless communication link; and

means for generating a power control signal based on the first power control information and the second power control information.

22. The apparatus of claim 21, further comprising:

means for determining whether the power control signal is to control transmit power across a plurality of wireless communication links including the first wireless communication link and the second wireless communication link,

wherein the determination is based on whether the first wireless communication link and the second wireless communication link share a radio frequency (RF) band.

23. The apparatus of claim 21, further comprising:
means for outputting the first power control information for transmission to another apparatus.

24. A non-transitory computer-readable medium storing computer-executable code, including code to:
obtain first power control information for a first wireless communication link;
obtain second power control information for a second wireless communication link; and
generate a power control signal based on the first power control information and the second power control information.

25. A method of communication for an apparatus, comprising:
obtaining first power control information for a first wireless communication link;
generating a first power control signal based on the first power control information;
obtaining second power control information for a second wireless communication link; and
generating a second power control signal based on the second power control information.

26. The method of claim 25, wherein:
the obtaining of the first power control information comprises a first power control operation; and
the obtaining of the second power control information comprises a second power control operation, wherein the second power control operation is independent of the first power control operation.

27. The method of claim 26, wherein:
the first power control operation uses a first beam; and
the second power control operation uses a second beam.

28. The method of claim 25, further comprising:
communicating first transport blocks via the first wireless communication link;
communicating second transport blocks via the second wireless communication link; and
processing the first transport blocks independently of the second transport blocks.

29. The method of claim 28, wherein the processing comprises error processing.

30. The method of claim 28, wherein the processing comprises cyclic redundancy check (CRC) processing.

31. The method of claim 25, further comprising:
communicating via the first wireless communication link using a first radio frequency (RF) chain of the apparatus; and
communicating via the second wireless communication link using a second RF chain of the apparatus.

32. The method of claim 25, further comprising:
communicating via the first wireless communication link using a first antenna sub-array of the apparatus; and
communicating via the second wireless communication link using a second antenna sub-array of the apparatus.

33. An apparatus for communication, comprising:
a memory; and
a processor coupled to the memory, wherein the processor and the memory are configured to:
obtain first power control information for a first wireless communication link;
generate a first power control signal based on the first power control information;

obtain second power control information for a second wireless communication link; and
generate a second power control signal based on the second power control information.

34. The apparatus of claim 33, wherein the processor and the memory are further configured to:
communicate first transport blocks via the first wireless communication link;
communicate second transport blocks via the second wireless communication link; and
process the first transport blocks independently of the second transport blocks.

35. An apparatus for communication, comprising:
means for obtaining first power control information for a first wireless communication link;
means for generating a first power control signal based on the first power control information;
means for obtaining second power control information for a second wireless communication link; and
means for generating a second power control signal based on the second power control information.

36. The apparatus of claim 35, further comprising:
means for communicating first transport blocks via the first wireless communication link;
means for communicating second transport blocks via the second wireless communication link; and
means for processing the first transport blocks independently of the second transport blocks.

37. A non-transitory computer-readable medium storing computer-executable code, including code to:
obtain first power control information for a first wireless communication link;

generate a first power control signal based on the first power control information;

obtain second power control information for a second wireless communication link; and

generate a second power control signal based on the second power control information.