CLAIMS

1. A method of wireless communication performed by a user equipment (UE), comprising:

selecting a first communication, associated with a first traffic type, or a second communication, associated with a second traffic type, as a selected communication for transmission when the first communication and the second communication at least partially overlap in a resource and in time,

wherein the first traffic type is an ultra-reliable low latency communication traffic type and the second traffic type is an enhanced mobile broadband traffic type, and

wherein the selection is performed based at least in part on a rule; and

transmitting the selected communication; and

dropping an other communication, of the first communication and the second communication and other than the selected communication,

wherein a portion of the other communication that is non-overlapped with the selected communication is dropped, and

wherein the portion is after the selected communication in time.

2. The method of claim 1, wherein the rule indicates that the first communication is always selected based at least in part on the first communication being an ultra-reliable low-latency communication and the second communication being an enhanced mobile broadband communication.

3. The method of claim 1, wherein the portion is dropped based at least in part on a capability of the UE.

4. The method of claim 1, wherein the portion is dropped based at least in part on the portion and an other portion of the other communication that is non-overlapped with the selected communication being non-phase-continuous.

5. The method of claim 1, wherein the selected communication punctures the other

communication, of the first communication and the second communication and other than the selected communication, and wherein the first communication is a positive scheduling request and the second communication is a data channel.

6. The method of claim 1, wherein the first communication and the second communication comprise at least one of:

a positive scheduling request,

an uplink data channel with dynamic grant, or

an uplink data channel with configured grant.

7. The method of claim 1, wherein the rule indicates that, when the first communication is overlapped with a first portion of the second communication, the second communication is to be delayed until an end of the first portion and the first communication is to be transmitted as the selected communication.

8. The method of claim 1, wherein the selection is at least partially performed in a physical layer of the UE.

9. The method of claim 1, wherein the rule is based at least in part on respective priority levels of the first communication and the second communication.

10. The method of claim 9, wherein at least one of the first communication or the second communication comprise a data channel with a configured grant.

11. The method of claim 10, wherein a priority level of the at least one of the first communication or the second communication is indicated by respective uplink configured grant configurations of the first traffic type and the second traffic type.

12. The method of claim 10, wherein the priority level of the data channel with the configured grant is indicated by a field of a configuration of the configured grant.

13. The method of claim 10, wherein the respective priority levels are associated with corresponding modulation and coding scheme tables, and wherein the respective priority levels of the first communication and the second communication are indicated by which modulation and coding scheme tables, of the corresponding modulation and coding scheme tables, are to be used for the first communication and the second communication.

14. The method of claim 13, wherein the priority level of the data channel with the configured grant is determined based on a modulation and coding scheme table configuration that is included as a parameter in a configuration of the configured grant.

15. A user equipment (UE) for wireless communication, comprising:

a memory; and

one or more processors coupled to the memory, the memory and the one or more processors configured to:

select a first communication, associated with a first traffic type, or a second communication, associated with a second traffic type, as a selected communication for transmission when the first communication and the second communication at least partially overlap in a resource and in time,

wherein the first traffic type is an ultra-reliable low latency communication traffic type and the second traffic type is an enhanced mobile broadband traffic type, and

wherein the selection is performed based at least in part on a rule; and

transmit the selected communication; and

drop an other communication, of the first communication and the second communication and other than the selected communication,

wherein a portion of the other communication that is non-overlapped with the selected communication is dropped, and

wherein the portion is after the selected communication in time.

16. The UE of claim 15, wherein the rule indicates that the first communication is always selected based at least in part on the first communication being an ultra-reliable low-latency

communication and the second communication being an enhanced mobile broadband communication.

17. The UE of claim 15, wherein the portion is dropped based at least in part on a capability of the UE.

18. The UE of claim 15, wherein the portion is dropped based at least in part on the portion and an other portion of the other communication that is non-overlapped with the selected communication being non-phase-continuous.

19. The UE of claim 15, wherein the selected communication punctures the other communication, of the first communication and the second communication and other than the selected communication, and wherein the first communication is a positive scheduling request and the second communication is a data channel.

20. The UE of claim 15, wherein the first communication and the second communication comprise at least one of:

a positive scheduling request,

an uplink data channel with dynamic grant, or

an uplink data channel with configured grant.

21. The UE of claim 15, wherein the rule indicates that, when the first communication is overlapped with a first portion of the second communication, the second communication is to be delayed until an end of the first portion and the first communication is to be transmitted as the selected communication.

22. The UE of claim 15, wherein the selection is at least partially performed in a physical layer of the UE.

23. The UE of claim 15, wherein the rule is based at least in part on respective priority levels of the first communication and the second communication.

24. The UE of claim 23, wherein at least one of the first communication or the second communication comprise a data channel with a configured grant.

25. The UE of claim 24, wherein a priority level of the at least one of the first communication or the second communication is indicated by respective uplink configured grant configurations of the first traffic type and the second traffic type.

26. The UE of claim 24, wherein the priority level of the data channel with the configured grant is indicated by a field of a configuration of the configured grant.

27. The UE of claim 24, wherein the respective priority levels are associated with corresponding modulation and coding scheme tables, and wherein the respective priority levels of the first communication and the second communication are indicated by which modulation and coding scheme tables, of the corresponding modulation and coding scheme tables, are to be used for the first communication and the second communication.

28. The UE of claim 27, wherein the priority level of the data channel with the configured grant is determined based on a modulation and coding scheme table configuration that is included as a parameter in a configuration of the configured grant.

29. A non-transitory computer-readable medium storing one or more instructions, the one or more instructions comprising:

one or more instructions that, when executed by one or more processors, cause the one or more processors to:

select a first communication, associated with a first traffic type, or a second communication, associated with a second traffic type, as a selected communication for transmission when the first communication and the second communication at least partially overlap in a resource and in time,

wherein the first traffic type is an ultra-reliable low latency communication traffic type and the second traffic type is an enhanced mobile broadband traffic

type, and

wherein the selection is performed based at least in part on a rule; and

transmit the selected communication; and

drop an other communication, of the first communication and the second communication and other than the selected communication,

wherein a portion of the other communication that is non-overlapped with the selected communication is dropped, and

wherein the portion is after the selected communication in time.

30. An apparatus for wireless communication, comprising:

means for selecting a first communication, associated with a first traffic type, or a second communication, associated with a second traffic type, as a selected communication for transmission when the first communication and the second communication at least partially overlap in a resource and in time,

wherein the first traffic type is an ultra-reliable low latency communication traffic type and the second traffic type is an enhanced mobile broadband traffic type, and

wherein the selection is performed based at least in part on a rule; and

means for transmitting the selected communication; and

means for dropping an other communication, of the first communication and the second communication and other than the selected communication,

wherein a portion of the other communication that is non-overlapped with the selected communication is dropped, and

wherein the portion is after the selected communication in time.