CLAIMS

1. A method of wireless communication performed by a user equipment (UE), comprising: receiving, from a base station, configuration information identifying a plurality of random access channel resources usable by a plurality of UEs including the UE for providing channel state information (CSI) feedback regarding a multicast or broadcast (multicast/broadcast) signal; receiving, from the base station, the multicast/broadcast signal; generating CSI feedback based on the reception of the multicast/broadcast signal; determining at least one of a state or a type of the CSI feedback; selecting, from the plurality of random access channel resources, at least one random access channel resource based on the state or the type of the CSI feedback; and transmitting, to the base station while in a radio resource control (RRC) idle mode without transitioning to an RRC connected mode, a signal indicating the CSI feedback based at least in part on the state or the type of the CSI feedback using the at least one random access channel resource, the use of the at least one random access channel resource indicating the state or the type of the CSI feedback to the base station.

2. The method of claim 1, wherein the at least one random access channel resource includes a physical random access channel resource.

3. The method of claim 1, wherein the configuration information identifies at least one of a time, a frequency, or a preamble associated with the at least one random access channel resource.

4. The method of claim 1, wherein the configuration information is received in system information or control information.

5. The method of claim 1, further comprising: determining the CSI feedback based at least in part on a reference signal associated with the multicast/broadcast signal.

6. The method of claim 1, wherein the signal comprises a random access preamble.

7. The method of claim 1, wherein the signal comprises a random access payload.

8. The method of claim 1, wherein the signal comprises a random access preamble and payload in a single message.

9. The method of claim 1, wherein the selection of the at least one random access channel resource based on the state or the type of the CSI feedback comprises: determining a mapping of a plurality of states or types of CSI feedback to respective random access channel resources of the plurality of random access channel resources based on the configuration, wherein the selection of the at least one random access channel resource comprises identifying the at least one random access channel resource based on the state or the type of the CSI feedback and the mapping.

10. The method of claim 1, wherein the multicast/broadcast signal includes system information or a reference signal, wherein the type of the CSI feedback is determined based on whether the CSI feedback is based on the system information or the reference signal.

11. The method of claim 10, wherein the system information includes a synchronization signal block or a CSI reference signal, wherein the type of the CSI feedback is determined based on whether the CSI feedback is based on the synchronization signal block or the CSI reference signal.

12. The method of claim 10, wherein the reference signal is a reference signal for single-cell point-to-multipoint transmission or a reference signal for multimedia broadcast/multicast service transmission, wherein the type of the CSI feedback is determined based on whether the CSI feedback is based on the reference signal for single-cell point-to-multipoint transmission or the reference signal for multimedia broadcast/multicast service transmission.

13. The method of claim 1, wherein the state of the CSI feedback indicates whether at least one CSI value satisfies a threshold or does not satisfy the threshold.

14. The method of claim 1, wherein the selection of the at least one random access channel resource is based on both the state and the type of the CSI feedback.

15. A method of wireless communication performed by a base station (BS), comprising: transmitting configuration information identifying a plurality of random access channel resources usable by a plurality of UEs including the UE for providing channel state information (CSI) feedback regarding a multicast or broadcast (multicast/broadcast) signal to be transmitted to a plurality of user equipment (UEs); transmitting the multicast/broadcast signal to the plurality of UEs; receiving, from at least one UE of the plurality of UEs while the at least one UE is in a radio resource control (RRC) idle mode, a signal indicating CSI feedback associated with the multicast/broadcast signal, the signal being received on at least one random access channel resource of the plurality of random access channel resources, the reception of the signal on the at least one random access channel resource indicating a state or a type of the CSI feedback; and interpreting the CSI feedback based at least in part on the state or the type of CSI feedback indicated by the at least one random access channel resource.

16. The method of claim 15, wherein the at least one random access channel resource includes a physical random access channel resource.

17. The method of claim 15, wherein the configuration information identifies at least one of a time, a frequency, or a preamble associated with the at least one random access channel resource.

18. The method of claim 15, wherein the CSI feedback represents CSI feedback for a group of UEs of the plurality of UEs.

19. The method of claim 15, wherein the CSI feedback is determined based at least in part on a strength or power of the signal.

20. The method of claim 15, further comprising: determining a modulation or coding configuration based at least in part on the CSI feedback.

21. The method of claim 15, wherein the signal is generated by multiple, different UEs of the plurality of UEs.

22. The method of claim 15, wherein the signal is generated by multiple UEs, of the plurality of UEs, that are in an idle mode.

23. The method of claim 15, wherein the signal comprises at least one of: a random access preamble, a random access payload, or a random access preamble and payload in a single message.

24. The method of claim 15, wherein the interpretation of the CSI feedback based on the state or the type of the CSI feedback comprises: determining a mapping of a plurality of states or types of CSI feedback to respective random access channel resources of the plurality of random access channel resources based on the configuration, wherein the interpretation of the CSI feedback comprises identifying the state or the type of the CSI feedback based on a location of the at least one random access channel resource and the mapping.

25. The method of claim 15, wherein the multicast/broadcast signal includes system information or a reference signal, wherein the type of the CSI feedback indicates whether the CSI feedback is based on the system information or the reference signal.

26. The method of claim 25, wherein the system information includes a synchronization signal block or a CSI reference signal, wherein the type of the CSI feedback indicates whether the CSI feedback is based on the synchronization signal block or the CSI reference signal.

27. The method of claim 25, wherein the reference signal is a reference signal for single-cell point-to-multipoint transmission or a reference signal for multimedia broadcast/multicast service transmission, wherein the type of the CSI feedback indicates whether the CSI feedback is based on the reference signal for single-cell point-to-multipoint transmission or the reference signal for multimedia broadcast/multicast service transmission.

28. The method of claim 15, wherein the state of the CSI feedback indicates whether at least one CSI value satisfies a threshold or does not satisfy the threshold.

29. The method of claim 15, wherein the at least one random access channel resource indicates both the state and the type of the CSI feedback.

30. 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: receive, from a base station, configuration information identifying a plurality of random access channel resources usable by a plurality of UEs including the UE for providing channel state information (CSI) feedback regarding a multicast or broadcast (multicast/broadcast) signal; receive, from the base station, the multicast/broadcast signal; generate CSI feedback based on the reception of the multicast/broadcast signal; determine at least one of a state or a type of the CSI feedback; select, from the plurality of random access channel resources, at least one random access channel resource based on the state or the type of the CSI feedback; and transmit, to the base station while in a radio resource control (RRC) idle mode without transitioning to an RRC connected mode, a signal indicating the CSI feedback based at least in part on the state or the type of the CSI feedback using the at least one random access channel resource, the use of the at least one random access channel resource indicating the state or the type of the CSI feedback to the base station.

31. A base station 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: transmitting configuration information identifying a plurality of random access channel resources usable by a plurality of UEs including the UE for providing channel state information (CSI) feedback regarding a multicast or broadcast (multicast/broadcast) signal to be transmitted to a plurality of user equipment (UEs); transmitting the multicast/broadcast signal to the plurality of UEs; receiving, from at least one UE of the plurality of UEs while the at least one UE is in a radio resource control (RRC) idle mode, a signal indicating CSI feedback associated with the multicast/broadcast signal, the signal being received on at least one random access channel resource of the plurality of random access channel resources, the reception of the signal on the at least one random access channel resource indicating a state or a type of the CSI feedback; and interpreting the CSI feedback based at least in part on the state or the type of CSI feedback indicated by the at least one random access channel resource.

32. The base station of claim 31, wherein the signal is generated by multiple, different UEs of the plurality of UEs.