CLAIMS

1. A method of wireless communication performed by a user equipment (UE), comprising: receiving information indicating whether a power measurement is permitted on a non-anchor carrier; and selectively performing the power measurement on at least one of the non-anchor carrier or an anchor carrier based at least in part on the information indicating whether the power measurement is permitted on the non-anchor carrier, wherein selectively performing the power measurement on at least one of the non-anchor carrier or the anchor carrier comprises: performing the power measurement on the non-anchor carrier based at least in part on the UE being in a relaxed monitoring state with regard to the anchor carrier.

2. The method of claim 1, further comprising: performing a cell selection or cell reselection procedure based at least in part on the power measurement.

3. The method of claim 1, wherein the information is received as system information.

4. The method of claim 1, wherein one or more parameters for a cell selection or reselection procedure are different when the power measurement is performed on the anchor carrier than when the power measurement is performed on the non-anchor carrier.

5. The method of claim 1, wherein the non-anchor carrier is one of a plurality of non-anchor carriers, and wherein one or more parameters for a cell selection or reselection procedure are different for one or more non-anchor carriers of the plurality of non-anchor carriers.

6. The method of claim 5, further comprising: receiving information identifying the one or more parameters.

7. The method of claim 1, further comprising: determining a value for the anchor carrier based at least in part on performing the power measurement on the non-anchor carrier.

8. The method of claim 1, further comprising: determining a value for the non-anchor carrier based at least in part on performing the power measurement on the anchor carrier.

9. The method of claim 1, further comprising: performing a measurement on the anchor carrier according to a periodicity or a discontinuous reception cycle of the UE.

10. The method of claim 1, further comprising: exiting the relaxed monitoring state based at least in part on a value that is determined based at least in part on applying an offset to a non-anchor carrier measurement.

11. The method of claim 10, wherein the offset is determined based at least in part on an anchor carrier measurement and a previous non-anchor carrier measurement.

12. The method of claim 10, wherein the offset is configured by a network.

13. The method of claim 1, further comprising: entering the relaxed monitoring state based at least in part on an anchor carrier measurement.

14. The method of claim 1, further comprising: entering the relaxed monitoring state based at least in part on an anchor carrier measurement; exiting the relaxed monitoring state based at least in part on a non-anchor carrier measurement; and optionally applying an offset to the non-anchor carrier measurement when exiting the relaxed monitoring state based at least in part on the non-anchor carrier measurement.

15. The method of claim 1, further comprising: determining that a measurement value for the non-anchor carrier or a change in the measurement value satisfies a threshold, wherein the measurement value is determined by performing the power measurement on the non-anchor carrier; and skipping the power measurement on the anchor carrier based at least in part on determining that the measurement value or the change in the measurement value for the non-anchor carrier satisfies the threshold.

16. A method of wireless communication performed by a user equipment (UE), comprising: determining that a measurement value for a non-anchor carrier or a change in the measurement value satisfies a threshold; determining that a change in a measurement value for an anchor carrier satisfies a corresponding threshold; and skipping a measurement for the anchor carrier based at least in part on: determining that the measurement value or the change in the measurement value for the non-anchor carrier satisfies the threshold, and determining that the change in the measurement value for the anchor carrier satisfies the corresponding threshold.

17. The method of claim 16, further comprising: determining the threshold for the non-anchor carrier based at least in part on determining that the change in the measurement value for the anchor carrier satisfies the corresponding threshold.

18. The method of claim 16, wherein the method further comprises: determining that the measurement value for the non-anchor carrier does not satisfy the threshold; and performing the measurement for the anchor carrier based at least in part on the measurement value for the non-anchor carrier not satisfying the threshold.

19. The method of claim 18, further comprising: adjusting the threshold for a period of time.

20. The method of claim 16, wherein the measurement for the anchor carrier is part of a periodic measurement, and wherein skipping the measurement further comprises: skipping a subset of measurements of the periodic measurement.

21. The method of claim 20, wherein skipping the subset of measurements further comprises: performing at least one measurement of the periodic measurement based at least in part on a discontinuous reception cycle of the UE.

22. The method of claim 21, further comprising: receiving information indicating that measurement is permitted on the non-anchor carrier; and performing a measurement on the non-anchor carrier to determine the measurement value for the non-anchor carrier based at least in part on the information indicating that the measurement is permitted on the non-anchor carrier.

23. 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 information indicating whether a power measurement is permitted on a non-anchor carrier; and selectively perform the power measurement on at least one of the non-anchor carrier or an anchor carrier based at least in part on the information indicating whether the power measurement is permitted on the non-anchor carrier, wherein the memory and the one or more processors, when selectively performing the power measurement on at least one of the non-anchor carrier or the anchor carrier, are to: perform the power measurement on the non-anchor carrier based at least in part on the UE being in a relaxed monitoring state with regard to the anchor carrier.

24. 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: determine that a measurement value for a non-anchor carrier or a change in the measurement value satisfies a threshold; determine that a change in a measurement value for an anchor carrier satisfies a corresponding threshold; and skip a measurement for the anchor carrier based at least in part on: the measurement value or the change in the measurement value for the non-anchor carrier being determined to satisfy the threshold, and the change in the measurement value for the anchor carrier being determined to satisfy the corresponding threshold.

25. An apparatus for wireless communication, comprising: means for receiving information indicating whether a power measurement is permitted on a non-anchor carrier; and means for selectively performing the power measurement on at least one of the non-anchor carrier or an anchor carrier based at least in part on the information indicating whether the power measurement is permitted on the non-anchor carrier, wherein selectively performing the power measurement on at least one of the non-anchor carrier or the anchor carrier comprises: performing the power measurement on the non-anchor carrier based at least in part on the UE being in a relaxed monitoring state with regard to the anchor carrier.

26. An apparatus for wireless communication, comprising: means for determining that a measurement value for a non-anchor carrier or a change in the measurement value satisfies a threshold; means for determining that a change in a measurement value for an anchor carrier satisfies a corresponding threshold; and means for skipping a measurement for the anchor carrier based at least in part on: determining that the measurement value or the change in the measurement value for the non-anchor carrier satisfies the threshold, and determining that the change in the measurement value for the anchor carrier satisfies the corresponding threshold.

27. The method of claim 1, further comprising: exiting the relaxed monitoring state based at least in part on a non-anchor carrier measurement or an anchor carrier measurement.

28. The UE of claim 23, wherein the memory and the one or more processors are further configured to: determine a value for the anchor carrier based at least in part on performing the power measurement on the non-anchor carrier.

29. The UE of claim 23, wherein the memory and the one or more processors are further configured to: exit the relaxed monitoring state based at least in part on a non-anchor carrier measurement or an anchor carrier measurement.

30. A non-transitory computer-readable medium storing one or more instructions for wireless communication, the one or more instructions comprising: one or more instructions that, when executed by one or more processors of a user equipment (UE), cause the one or more

processors to: receive information indicating whether a power measurement is permitted on a non-anchor carrier; and selectively perform the power measurement on at least one of the non-anchor carrier or an anchor carrier based at least in part on the information indicating whether the power measurement is permitted on the non-anchor carrier, wherein the one or more instructions that cause the one or more processors to selectively perform the power measurement on at least one of the non-anchor carrier or the anchor carrier cause the one or more processors to: perform the power measurement on the non-anchor carrier based at least in part on the UE being in a relaxed monitoring state with regard to the anchor carrier.

31. The non-transitory computer-readable medium of claim 30, wherein the one or more instructions, when executed by the one or more processors, further cause the one or more processors to: determine a value for the anchor carrier based at least in part on performing the power measurement on the non-anchor carrier.

32. The non-transitory computer-readable medium of claim 30, wherein the one or more instructions, when executed by the one or more processors, further cause the one or more processors to: exit the relaxed monitoring state based at least in part on a non-anchor carrier measurement or an anchor carrier measurement.