

CLAIMS

1. A method for wireless communication by a user equipment (UE), comprising:
receiving, from a transmit/receive point (TRP), a configuration of a set of bandwidth parts (BWPs) for the UE;
determining, for a beam failure recovery procedure, to use an active BWP of the set of BWPs or to switch to another BWP of the set of BWPs; and
at least one of: monitoring or transmitting on the determined BWP during the beam failure recovery procedure based on the determination.
2. The method of claim 1, further comprising:
determining operating conditions at the UE; and
determining to use the active BWP or to switch to the other BWP based, at least in part, on the determined operating conditions.
3. The method of claim 1, wherein the determination is based, at least in part, on whether the active BWP or other BWP supports a random access procedure.
4. The method of any one of claim 1, further comprising determining presence of downlink control information (DCI) for the UE or uplink transmission by the UE, wherein the determination to use the active BWP or to switch to the other BWP is based, at least in part, on the on the presence of the DCI or uplink transmission.
5. The method of claim 1, further comprising:
determining a lack of traffic on the active BWP for a period of time exceeding a threshold value; and
transmitting, to the TRP, a request for a change in active BWP based on the determined lack of traffic.
6. The method of claim 1, further comprising receiving an indication of a quasi-collocated (QCL) relationship between one or more synchronization signals (SSs) or reference signals (RSs) associated with the set of BWPs.
7. The method of claim 1, wherein the determination is based, at least in part, on

whether the UE is in a connected mode discontinuous reception (C-DRX) mode.

8. The method of claim 1, wherein:
 - the configuration includes an indication of one or more synchronization signals (SSs) or reference signals (RSs) to monitor, and
 - the monitoring further comprises monitoring one or more of the indicated SSs or RSs in the determined BWP.
9. The method of claim 8, further comprising:
 - determining a number of out of service (OOS) indications associated with the monitored one or more SSs is greater threshold value; and
 - determination to switch to the other BWP to monitor the one or more RSs.
10. The method of claim 9, wherein the other BWP includes an SS and an RS or includes an RS and not an SS.
11. The method of claim 9, wherein the threshold value comprises a threshold number of consecutive OOS indications.
12. The method of claim 9, further comprising:
 - receiving, from the TRP, the threshold value.
13. The method of claim 9, further comprising:
 - after the switching, resetting the radio link failure timer.
14. An apparatus for wireless communication, comprising:
 - means for receiving, from a transmit/receive point (TRP), a configuration of a set of bandwidth parts (BWPs) for the apparatus;
 - means for determining, for a beam failure recovery procedure, to use an active BWP of the set of BWPs or to switch to another BWP of the set of BWPs; and
 - means for at least one of: monitoring or transmitting on the determined BWP during the beam failure recovery procedure based on the determination.

15. The apparatus of claim 14, further comprising:
means for determining operating conditions at the apparatus; and
means for determining to use the active BWP or to switch to the other BWP based, at least in part, on the determined operating conditions.
16. The apparatus of claim 14, wherein the determination is based, at least in part, on whether the active BWP or other BWP supports a random access procedure.
17. The apparatus of any one of claim 14, further comprising means for determining presence of downlink control information (DCI) for the apparatus or uplink transmission by the UE, wherein the determination to use the active BWP or to switch to the other BWP is based, at least in part, on the on the presence of the DCI or uplink transmission.
18. The apparatus of claim 14, further comprising:
means for determining a lack of traffic on the active BWP for a period of time exceeding a threshold value; and
means for transmitting, to the TRP, a request for a change in active BWP based on the determined lack of traffic.
19. The apparatus of claim 14, further comprising means for receiving an indication of a quasi-collocated (QCL) relationship between one or more synchronization signals (SSs) or reference signals (RSs) associated with the set of BWPs.
20. The apparatus of claim 14, wherein the determination is based, at least in part, on whether the UE is in a connected mode discontinuous reception (C-DRX) mode.
21. The apparatus of claim 14, wherein:
the configuration includes an indication of one or more synchronization signals (SSs) or reference signals (RSs) to monitor, and
the monitoring further comprises monitoring one or more of the indicated SSs or RSs in the determined BWP.

22. The apparatus of claim 21, further comprising:
means for determining a number of out of service (OOS) indications associated with the monitored one or more SSs is greater threshold value; and
means for determination to switch to the other BWP to monitor the one or more RSs.
23. The apparatus of claim 22, wherein the other BWP includes an SS and an RS or includes an RS and not an SS.
24. The apparatus of claim 22, wherein the threshold value comprises a threshold number of consecutive OOS indications.
25. The apparatus of claim 22, further comprising:
means for receiving, from the TRP, the threshold value.
26. The apparatus of claim 22, further comprising:
means for after the switching, resetting the radio link failure timer.
27. An apparatus for wireless communication, comprising:
a receiver configured to receive, from a transmit/receive point (TRP), a configuration of a set of bandwidth parts (BWPs) for the apparatus;
at least one processor coupled with a memory and configured to determine, for a beam failure recovery procedure, to use an active BWP of the set of BWPs or to switch to another BWP of the set of BWPs; and
a transceiver configured to at least one of: monitor or transmit on the determined BWP during the beam failure recovery procedure based on the determination.
28. The apparatus of claim 27, wherein the at least one processor is further configured to:
determine operating conditions at the apparatus; and
determine to use the active BWP or to switch to the other BWP based, at least in part, on the determined operating conditions.

29. A computer readable medium having computer executable code stored thereon for wireless communication, comprising:

code for receiving, from a transmit/receive point (TRP), a configuration of a set of bandwidth parts (BWPs) for a user equipment (UE);

code for determining, for a beam failure recovery procedure, to use an active BWP of the set of BWPs or to switch to another BWP of the set of BWPs; and

code for at least one of: monitoring or transmitting on the determined BWP during the beam failure recovery procedure based on the determination.

30. The computer readable medium of claim 29, further comprising:

code for determining operating conditions at the UE; and

code for determining to use the active BWP or to switch to the other BWP based, at least in part, on the determined operating conditions.