CLAIMS

1. A method for multi-link sensing measurement, comprising:

generating a sensing by proxy (SBP) termination frame, wherein the SBP termination frame comprises first indication information or second indication information, the first indication information indicates a reason why a sensing measurement session is unable to be set up between an SBP responder and a sensing responder, and the second indication information indicates a reason why a sensing measurement session set up between the SBP responder and the sensing responder is terminated; and

sending the SBP termination frame.

2. The method according to claim 1, wherein the reason, indicated by the first indication information, why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that a requirement of setting up a sensing measurement session for a mandatory link or a number of mandatory links is not met.

3. The method according to claim 1 or 2, wherein parameters negotiated by the SBP responder and an SBP initiator for setting up a sensing measurement session comprise a mandatory responder and a mandatory link or a number of mandatory links on the mandatory responder, and the reason, indicated by the first indication information, why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that the mandatory link or the number of mandatory links on the mandatory responder is not met.

4. The method according to claim 1 or 2, wherein parameters negotiated by the SBP responder and an SBP initiator for setting up a sensing measurement session comprise a number of mandatory responders, and a mandatory link or a number of mandatory links on the mandatory responder, and the reason, indicated by the first indication information, why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that a number of sensing responders meeting the mandatory link or the number of mandatory links is less than the number of mandatory responders.

5. The method according to claim 1 or 2, wherein parameters negotiated by the SBP responder and an SBP initiator for setting up a sensing measurement session comprise a mandatory link or a number of mandatory links, and the reason, indicated by the first indication information, why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that the SBP responder does not find a sensing responder meeting the mandatory link or the number of mandatory links.

6. The method according to claim 1, wherein the second indication information comprises identification information of a first link, and the reason why the sensing measurement session is

terminated comprises that the first link is deleted by the SBP responder.

7. The method according to claim 1, wherein the second indication information comprises identification information of a first link and identification information of a first responder, and the reason why the sensing measurement session is terminated comprises that the first link is deleted by the first responder.

8. The method according to claim 1, wherein the second indication information comprises identification information of a first responder, and the reason why the sensing measurement session is terminated comprises that the first responder deletes a link used in the sensing measurement session.

9. The method according to any one of claims 1 to 8, wherein the SBP termination frame further comprises third indication information, the third indication information indicates parameter information recommended by the SBP responder for setting up a sensing measurement session, and the parameter information comprises at least one of the following: a sensing measurement parameter, a responder list, a number of responders, a link list, or a number of links.

10. A method for multi-link sensing measurement, comprising:

receiving a sensing by proxy (SBP) termination frame, wherein the SBP termination frame comprises first indication information or second indication information, the first indication information indicates a reason why a sensing measurement session is unable to be set up between an SBP responder and a sensing responder, and the second indication information indicates a reason why a sensing measurement session set up between the SBP responder and the sensing responder is terminated; and

determining, based on the SBP termination frame, the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder or the reason why the sensing measurement session is terminated.

11. The method according to claim 10, wherein the determining, based on the SBP termination frame, the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises:

determining, based on the first indication information, that the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that a requirement of setting up a sensing measurement session for a mandatory link or a number of mandatory links is not met.

12. The method according to claim 10 or 11, wherein parameters negotiated by the SBP responder and an SBP initiator for setting up a sensing measurement session comprise a mandatory responder and a mandatory link or a number of mandatory links on the mandatory responder; and the determining, based on the SBP termination frame, that the reason why a sensing measurement

session is unable to be set up between the SBP responder and the sensing responder comprises:

determining, based on the first indication information, that the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that the mandatory link or the number of mandatory links on the mandatory responder is not met.

13. The method according to claim 10 or 11, wherein parameters negotiated by the SBP responder and an SBP initiator for setting up a sensing measurement session comprise a number of mandatory responders, and a mandatory link or a number of mandatory links on the mandatory responder; and the determining, based on the SBP termination frame, that the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises:

determining, based on the first indication information, that the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that a number of sensing responders meeting the mandatory link or the number of mandatory links is less than the number of mandatory responders.

14. The method according to claim 10 or 11, wherein parameters negotiated by the SBP responder and an SBP initiator for setting up a sensing measurement session comprise a mandatory link or a number of mandatory links; and the determining, based on the SBP termination frame, that the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises:

determining, based on the first indication information, that the reason why a sensing measurement session is unable to be set up between the SBP responder and the sensing responder comprises that the SBP responder does not find a sensing responder meeting the mandatory link or the number of mandatory links.

15. The method according to claim 10, wherein the determining, based on the SBP termination frame, the reason why the sensing measurement session is terminated comprises:

when the second indication information comprises identification information of a first link, determining that the reason why the sensing measurement session is terminated comprises that the first link is deleted by the SBP responder.

16. The method according to claim 10, wherein the determining, based on the SBP termination frame, the reason why the sensing measurement session is terminated comprises:

when the second indication information comprises identification information of a first link and identification information of a first responder, determining that the reason why the sensing measurement session is terminated comprises that the first link is deleted by the first responder.

17. The method according to claim 10, wherein the determining, based on the SBP

termination frame, the reason why the sensing measurement session is terminated comprises:

when the second indication information comprises identification information of a first responder, determining that the reason why the sensing measurement session is terminated comprises that the first responder deletes a link used in the sensing measurement session.

18. The method according to any one of claims 10 to 17, wherein the method further comprises:

obtaining, based on third indication information in the SBP termination frame, parameter information recommended by the SBP responder for setting up a sensing measurement session, wherein the parameter information comprises at least one of the following: a sensing measurement parameter, a responder list, a number of responders, a link list, or a number of links.

19. A communication apparatus, comprising a processor, wherein the processor is coupled to a memory, the memory is configured to store a computer program or instructions, and the processor is configured to execute the computer program or the instructions in the memory, to enable the communication apparatus to perform the method according to any one of claims 1 to 9, or enable the communication apparatus to perform the method according to any one of claims 10 to 18.

20. A communication system, wherein the communication system comprises a first communication apparatus and a second communication apparatus, the first communication apparatus is configured to perform the method according to any one of claims 1 to 9, and the second communication apparatus is configured to perform the method according to any one of claims 10 to 18.

21. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program or instructions, and when the computer program or the instructions are run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 18.

22. A chip system, comprising a processor, configured to invoke a computer program from a memory and run the computer program, so that a communication device on which the chip system is installed performs the method according to any one of claims 1 to 18.

23. A computer program product, wherein when the computer program product is run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 18.