CLAIMS

1. A method of estimating channel parameters for a wireless channel between a transmitter node and a receiver node, the method comprising:

receiving (504), by the receiver node, an indication of a plurality of sensing signal parameters of a sensing signal, wherein at least one sensing signal parameter among the plurality of sensing signal parameters is associated with the transmitter node;

receiving (508), by the receiver node, the sensing signal, wherein the sensing signal comprises a linear chirp signal; and

transmitting (512), by the receiver node to the transmitter node, a channel parameter obtained by processing the received sensing signal.

2. The method of claim 1, wherein the plurality of sensing signal parameters comprises a chirp slope value and a frequency offset value of the linear chirp signal.

3. The method of claim 2, wherein the frequency offset value is associated with the transmitter node.

4. The method of claim 3, further comprising:

determining, based on the frequency offset value, an identity of the transmitter node; and

wherein the transmitting the channel parameter includes transmitting the channel parameter to the transmitter node based on the determined identity.

5. The method of any one of claim 1 to claim 4, wherein the sensing signal parameters comprise an indication of a reduced measurement window for use during the processing the received sensing signal.

6. The method of any one of claim 1 to claim 5, wherein the processing comprises de-chirping the received sensing signal.

7. A method of estimating channel parameters for a wireless channel between a transmitter node and a receiver node, the method comprising:

transmitting (502), by the transmitter node, an indication of a plurality of sensing signal parameters of a sensing signal, wherein at least one sensing signal parameter among the plurality of sensing signal parameters is associated with the transmitter node;

transmitting (506), by the transmitter node, the sensing signal, wherein the sensing signal comprises a linear chirp signal; and

receiving (514), by the transmitter node, a channel parameter from the receiver node.

8. The method of claim 7, wherein the plurality of sensing signal parameters comprises a chirp slope value and a frequency offset value of the linear chirp signal.

9. The method of claim 8, wherein the frequency offset value is associated with the transmitter node.

10. The method of any one of claim 7 to claim 9, wherein the sensing signal parameters comprise an indication of a reduced measurement window for use in processing a reception of the transmitted sensing signal.

11. A computer-readable storage medium comprising instructions which, when executed by a computer, cause the computer to carry out the method of any one of claim 1 to claim 10.

12. An apparatus comprising a processor configured to cause the apparatus to perform the method of any one of claim 1 to claim 10.