

CLAIMS

1. A method comprising:
transmitting, by an access point (AP) or a station (STA), a sensing measurement setup frame, the sensing measurement setup frame including a sensing measurement parameter field, the sensing measurement parameter field including a channel state information (CSI) feedback (FB) support subfield;
wherein a value associated with the CSI FB support field is indicative of whether the AP or the STA can provide CSI FB information and feedback.
2. The method of claim 1, wherein the CSI FB support subfield is one bit.
3. The method of claim 1 or 2, wherein the sensing measurement parameter field further comprises a role subfield, a measurement report type subfield, and an immediate feedback subfield.
4. The method of any of claims 1 to 3, wherein the value is 0 when the AP or the STA cannot compute CSI FB information and feedback; and
wherein the value is 1 when the AP or the STA can compute CSI FB information and feedback.
5. The method of claim 3 or 4, wherein the role subfield is separated into a transmission (TX) subfield and a reception (RX) subfield.
6. The method of any of claims 3 to 5, wherein the role subfield is two bits.
7. An apparatus comprising:
at least one processor and at least one machine-readable medium storing executable instructions which when executed by the at least one processor configure the apparatus to:
transmit a sensing measurement setup frame, the sensing measurement setup frame including a sensing measurement parameter field, the sensing measurement parameter field comprising a channel state information (CSI) feedback (FB) support subfield;

wherein a value associated with the CSI FB support field is indicative of whether the apparatus can provide CSI FB information and feedback.

8. The apparatus of claim 7, wherein the CSI FB support subfield is one bit.
9. The apparatus of claim 7 or 8, wherein the sensing measurement parameter field further comprises a role subfield, a measurement report type subfield, and an immediate feedback subfield.
10. The apparatus of any of claims 7 to 9, wherein the value is 0 when the apparatus cannot compute CSI FB information and feedback; and
wherein the value is 1 when the apparatus can compute CSI FB information and feedback.
11. The apparatus of claim 9 or 10, wherein the role subfield is separated into a transmission, (TX) subfield and a reception (RX) subfield.
12. The apparatus of any of claims 9 to 11, wherein the role subfield is two bits.
13. A non-transitory computer-readable medium storing executable instructions which when executed by a processor of a device configure the device to perform the method in any one of claims 1 to 6.
14. A chip, comprising a processor and a data interface, wherein the processor reads, by using the data interface, an instruction stored in a memory, to perform any one of the methods in claims 1 to 6.