

COMMUNICATION METHOD AND APPARATUS

ABSTRACT

A communication method and apparatus are applied to the AMP field, for example, may support wireless power transfer WPT, wireless local area network WLAN, or IEEE series protocols.

5 An AMP STA receives a WPT signal from an excitation apparatus (or a first communication apparatus), and receives communication indication information from a relay apparatus (or the first communication apparatus) or an AP; and receives an excitation signal from the excitation apparatus (or the first communication apparatus), and sends a reflected signal of the excitation signal. The method can improve an interaction procedure between the AMP STA and another
10 communication apparatus. For example, when a communication link between the AMP STA and the excitation apparatus (or the first communication apparatus) is a unidirectional communication link, a problem of backscatter self-interference can be resolved. For example, when a communication link between the AMP STA and the AP is a unidirectional communication link or the AMP STA communicates through the relay apparatus, a problem of unbalanced uplink and
15 downlink can be resolved.

FIG. 4a