

ABSTRACT

CHANNEL LISTENING METHOD AND RELATED APPARATUS

Embodiments of this application disclose a channel listening method and a related apparatus. Channel listening time is adjusted to avoid impact of a sending action of another link on a channel listening result, to implement link error recovery in a scenario in which a nonsimultaneous transmit and receive device NSTR MLD is used in communication. The method is applied to the NSTR MLD. The NSTR MLD includes a first station STA and a second station STA. The first STA transmits a first frame on a first link. The second STA transmits a second frame on a second link. The NSTR MLD determines that at least one of the first frame and the second frame fails to be transmitted. The first STA performs channel listening in a first interframe space after the first frame ends. Duration of the first interframe space is less than or equal to duration of a point coordination function interframe space PIFS. Alternatively, the second STA performs channel listening in a second interframe space after the second frame ends. Duration of the second interframe space is greater than or equal to duration of a short interframe space (SIFS) and less than or equal to the duration of the PIFS.

Figure 6