

COMMUNICATION METHOD AND APPARATUS APPLIED TO MULTI-LINK DEVICE IN WIRELESS LOCAL AREA NETWORK

ABSTRACT

Embodiments of this application provide a communication method applied to a multi-link
5 device in a wireless local area network WLAN and a related apparatus. For example, the
communication method is applied to a WLAN supporting 802.11be. The method includes:
receiving a probe request frame, where the probe request frame is included in a multi-link device
MLD; determining, according to a preset condition, whether to respond to the probe request frame,
where the preset condition includes at least the following: a reference identifier in the probe request
10 frame does not match a reference identifier of each station in the MLD; and if the preset condition
is satisfied, skipping sending a probe response frame in response to the probe request frame.
According to embodiments of this application, a quantity of probe request frames sent by stations
on a channel can be reduced, and station association efficiency and communication efficiency can
be improved.

15

Fig. 8