METHOD FOR DETERMINING SPATIAL REUSE PARAMETER FIELD IN PPDU AND RELATED APPARATUS

ABSTRACT

This application relates to the field of wireless communication, in particular, to a method for determining a spatial reuse parameter field in a PPDU and a related apparatus, and is applied to a wireless local area network supporting the 802.11be standard. The method includes: An AP sends a trigger frame, where the trigger frame is used to trigger a station to send an EHT TB PPDU; and the AP receives the EHT TB PPDU sent by the station. A common information field of the trigger frame includes four UL SRP fields, indicating a sum of transmit power of the AP and maximum interference power accepted by the AP. Values indicated by an SRP1 field and an SRP2 field in a U-SIG of the EHT TB PPDU are respectively determined based on values indicated by the four UL SRP fields. During implementation of this embodiment of this application, the spatial reuse parameter field of the EHT TB PPDU may be set without changing a frame structure of the U-SIG.

Fig. 7