

METHOD FOR INDICATING SPATIAL REUSE PARAMETER AND DETERMINING SPATIAL REUSE PARAMETER FIELD AND APPARATUS

ABSTRACT

This application relates to the wireless communication field, and is applied to a wireless local
5 area network that supports the 802.11be standard. In particular, this application relates to a method
for indicating a spatial reuse parameter in a trigger frame and a corresponding method for
determining a spatial reuse parameter field in a PPDU, and a related apparatus. The method
includes: An access point AP sends a trigger frame, where the trigger frame is used for triggering
a station to send an extremely high throughput trigger based physical layer protocol data unit EHT
10 TB PPDU. The station determines, based on one or two of a value indicated by an uplink EHT
spatial reuse parameter UL EHT SRP and a value indicated by one or more uplink spatial reuse
parameter UL SRP fields in a common information field of the trigger frame, a value indicated by
a spatial reuse parameter SRP in a universal signal field U-SIG of the EHT TB PPDU. The STA
sends the EHT TB PPDU to the AP. During implementation of this embodiment of this application,
15 the spatial reuse parameter field of the EHT TB PPDU may be set without changing a frame
structure of the U-SIG.

Fig. 7a