

METHOD FOR TRANSMITTING PHYSICAL LAYER PROTOCOL DATA UNIT AND COMMUNICATION APPARATUS

ABSTRACT

5 This application provides a method for transmitting a PPDU and a communication apparatus. An AP sends a trigger frame to trigger at least one STA to transmit an uplink PPDU. After receiving the trigger frame, the at least one STA transmits respective uplink PPDU. The uplink PPDU includes a data field and LTFs. The data field is carried on a distributed RU. The LTFs are carried on all subcarriers in a first transmission bandwidth. The first transmission bandwidth is a bandwidth occupied by a distributed RU that is allocated by the AP to the at least one STA for transmitting the uplink PPDU. Alternatively, the LTFs are carried on all subcarriers of a plurality of continuous RUs
10 corresponding to the distributed RU. According to the foregoing solution, it can be ensured that an average power of a data part sent by the AP is increased, and a PAPR of the LTFs can also be ensured, thereby ensuring system performance.

Fig. 10