

# DATA TRANSMISSION METHOD AND APPARATUS

## ABSTRACT

Embodiments of this application relate to the field of communication technologies, and provide a data transmission method and an apparatus. A second communication apparatus sends a trigger frame, to trigger at least one first communication apparatus that includes a first communication apparatus to transmit an uplink PPDU. After receiving the trigger frame, the at least one first communication apparatus sends the PPDU to the second communication apparatus based on the trigger frame. The PPDU includes a data field and an STF sequence, the data field is carried in a distributed RU, the distributed RU includes a plurality of subcarrier groups that are discrete in frequency domain, one of the subcarrier groups includes one subcarrier or includes at least two consecutive subcarriers, the STF sequence is carried on all subcarriers of a plurality of consecutive RUs, the plurality of consecutive RUs are consecutive RUs corresponding to the distributed RU, and each of the consecutive RUs includes a plurality of subcarriers that are consecutive in frequency domain. In the foregoing manner, power can be measured accurately by using an STF, a peak to average power ratio is low, and the STF is still periodic.

Figure 6