## CLAIMS

What is claimed is:

1. A method for indicating an uplink parameter of a physical layer protocol data unit, PPDU, comprising:

sending, by an access point (AP), a trigger frame, wherein the trigger frame comprises a common information field and an extremely high throughput (EHT) common information field, the common information filed comprises an uplink length field and an uplink bandwidth field;

wherein the uplink length field is used to indicate a length indicated by a legacy signal (L-SIG) field in an EHT PPDU, and a length value indicated by the uplink length field is a positive integer and is a multiple of 3 minus 2;

wherein the EHT common information field and the uplink bandwidth field jointly indicate an uplink bandwidth used for sending the EHT PPDU;

receiving, by the AP, the EHT PPDU, wherein the length indicated by the L-SIG field in the EHT PPDU is equal to the length value indicated by the uplink length field plus 2.

2. The method according to claim 1, further comprises:

detecting, by the AP, an EHT TB PPDU according to whether the length indicated in the L-SIG field is a multiple of three.

3. The method according to claim 1 or 2, wherein the trigger frame further comprises indication information, and the indication information is used to indicate a difference between a quantity of EHT-LTF symbols and a quantity of HE-LTF symbols.

4. The method according to any one of claims 1 to 3, wherein a sum of quantities of EHT-LTF symbols and EHT data symbols of the EHT PPDU is equal to a sum of quantities of HE-LTF symbols and HE data symbols of the HE TB PPDU.

5. The method according to claim 3 or 4, wherein the indication information is carried in the reserved bit in the common information field in the trigger frame or is carried in the EHT common information field in the trigger frame.

6. The method according to any one of claims 1 to 5, wherein the trigger frame is further used to indicate a type of the scheduled uplink EHT PPDU, and the type of the EHT PPDU comprises a trigger-based EHT PPDU and an EHT single user PPDU.

7. The method according to claim 6, wherein the type of the EHT PPDU is indicated by a trigger frame type field in the trigger frame or is indicated by a reserved bit in the trigger frame.

8. The method according to claim 6 or 7, wherein the trigger frame indicates that the type of the scheduled uplink EHT PPDU is an EHT single user PPDU; and the trigger frame is further used to

indicate whether the scheduled uplink EHT PPDU is an EHT single user low power indoor (SU LPI) PPDU.

9. The method according to claim 8, wherein whether the scheduled uplink EHT PPDU is an EHT SU LPI PPDU is indicated by a modulation and coding scheme field in the trigger frame or is indicated by a reserved bit in an EHT user information field in the trigger frame.

10. A communications apparatus, configured to perform the method according to any one of claims 1 to 9.

11. A computer-readable storage medium, wherein the computer-readable storage medium stores instructions; and when the instructions are run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 9.

12. A computer program product comprising instructions, wherein when the instructions are run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 9.

13. A chip or a chip system, comprising an input/output interface and a processing circuit, wherein the input/output interface is configured to receive code instructions and transmit the code instructions to the processing circuit; and the processing circuit is configured to run the code instructions to perform the method according to any one of claims 1 to 9.