

NEGOTIATION METHOD FOR AN OPERATING MODE, INITIATOR, RECEIVER, CHIP SYSTEM, AND MEDIUM

ABSTRACT

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This application discloses a negotiation method for an operating mode, an initiator, a receiver, a chip system, a computer-readable storage medium, and a functional entity. In operating mode OM negotiation, the initiator transmits an operating mode indication OMI to the responder. The OMI includes at least either of channel width indication information and space-time stream
10 number indication information. A capability range of a channel width indicated by the channel width indication information is greater than 160 MHz. A capability range of the number of space-time streams indicated by the space-time stream number indication information is greater than 8. After receiving the OMI, the responder performs transmission with the initiator based on a negotiated OM. In this application, an OM negotiation solution in an existing 802.11ax standard
15 is extended, and a new OM negotiation solution is provided, to implement enhanced OM negotiation. This application may be applied to 802.11ax, 802.11be, or extremely high throughput EHT, and a future Wi-Fi system.

20 Fig. 7