

DATA COMMUNICATIONS METHOD, APPARATUS, AND SYSTEM

ABSTRACT

Embodiments of the present invention provide a data communications method, apparatus, and system. The method includes: sending an association request message to an access point; receiving
5 an association response message sent by the access point, where the association response message includes an association identifier; generating a data frame, where a format of the data frame is a simplified frame format, and a frame header of the data frame includes a source address and a destination address, where the length of the source address is shorter than the length of a Media Access Control MAC address, and the source address includes the association identifier, or the
10 association identifier and a multicast unicast indicator, or the association identifier and a data type, or the association identifier, the data type, and the multicast unicast indicator; and sending the data frame to the access point. In embodiments of the present invention, because the length of the source address in the frame header of the data frame is shorter than the length of the MAC address, the length of the data frame compared with a data frame in the prior art can be reduced. Therefore, the
15 transmission efficiency of the data frame can be improved.

Figure 1