

WIRELESS COMMUNICATION APPARATUS AND METHOD, AND PROGRAM

ABSTRACT

5 The present technology relates to a wireless communication apparatus and method, and a program which enable communication to be performed more efficiently.

 The wireless communication apparatus includes a preamble generating unit configured to generate a
10 preamble signal including header information, an inter-training generating unit configured to generate an inter-training signal including at least part of information of the header information, and a wireless transmission processing unit configured to transmit transmission data
15 after transmitting the preamble signal in at least one or more frequency channels among a plurality of the frequency channels and transmit a plurality of the inter-training signals by utilizing one or a plurality of the frequency channels among the plurality of the frequency
20 channels during a transmission period of the transmission data. The present technology can be applied to a wireless communication apparatus.

25 Figure 10