

ABSTRACT

A communication device communicates a physical (PHY) frame including a preamble and a data field. The preamble includes a Legacy Short Training Field (L-STF), a Legacy Long Training Field (L-LTF), a Legacy Signal Field (L-SIG), an EHT Signal Field (EHT-SIG-A), an EHT Signal Field (EHT-SIG-B), an EHT Short Training Field (EHT-STF), and an EHT Long Training Field (EHT-LTF), and the EHT-SIG-B includes a subfield indicating the number of spatial streams allocated to each of not less than one other communication device that communicates with the communication device, and the sum of the numbers of spatial streams is larger than 8.