COMMUNICATION APPARATUS AND COMMUNICATION METHOD FOR SUBCARRIER SELECTIVE FEEDBACK

ABSTRACT

Communication devices and methods for subcarrier selective feedback are provided. One exemplary embodiment provides a first communication apparatus comprising: a receiver, which in operation, receives a PPDU; circuitry, which in operation, measures channel information of a channel based on the PPDU, wherein the channel to be measured is sub-divided into two or more segments and each of the two or more segments comprises one or more subcarriers, and selects a subset of one or more subcarriers to be reported for the corresponding segment; and a transmitter, which in operation, transmits a report frame carrying channel information feedback based on the channel information for the selected subcarriers to a second communication apparatus.

FIG. 11