

CODING SCHEME DETERMINING METHOD AND COMMUNICATION APPARATUS

ABSTRACT

5 This application provides a coding scheme determining method and a communication
apparatus. The method includes: determining a modulation scheme, where the modulation scheme
is related to a threshold of a first parameter, and the first parameter includes at least one of the
following: a modulation order, bandwidth extension, scheduled bandwidth, spectral efficiency, a
modulation and coding scheme MCS index, and a code rate; and sending first indication
10 information to a terminal device, where the first indication information indicates the modulation
scheme. According to the method provided in this application, a network device can dynamically
determine a signal modulation scheme based on at least one of a specified threshold of the
modulation order, a specified threshold of the bandwidth extension, a specified threshold of the
scheduled bandwidth, a specified threshold of the spectral efficiency, a specified threshold of the
modulation and coding scheme MCS index, and a specified threshold of the code rate, so that more
15 OQAMs can be introduced, to generate signals with a low PAPR.

FIG. 7