

BEAM MANAGEMENT METHOD AND COMMUNICATION APPARATUS

ABSTRACT

This application provides a beam management method and a communication apparatus. The
5 method may be applied to the field of millimeter-wave communication. The method includes: A
communication apparatus 1 exchanges a radio frame 1 and a radio frame 3 with a communication
apparatus 2 in a frequency band 1, where the radio frame 1 indicates that searching for a millimeter-
wave transmit beam on a communication apparatus 1 side is about to start, and the radio frame 3
indicates the communication apparatus 2 to feed back an index of a received millimeter-wave
10 transmit beam; and the communication apparatus 1 exchanges a radio frame 2 with the
communication apparatus 2 in a frequency band 2, where the radio frame 2 is used for searching
for the millimeter-wave transmit beam on the communication apparatus 1 side, and the frequency
band 1 is less than the frequency band 2. In this way, in this application, searching for a millimeter-
wave beam can be performed in a communication scenario with a high frequency band and a low
15 frequency band.

FIG. 2