

Abstract

A base station apparatus according to the present invention includes a transmitter configured to transmit a downlink signal by using a first component carrier and a second component carrier, and a receiver configured to receive an uplink signal transmitted by the terminal apparatus by using at least the second component carrier. The transmitter transmits spatial relation information in the uplink signal, the spatial relation information is information indicating a spatial domain transmission filter for transmitting the uplink signal, and the spatial relation information in the second component carrier includes information indicating the first component carrier.