

Claims

1. A terminal apparatus configured to communicate with a base station apparatus by using a first cell and a second cell, the terminal apparatus comprising:

reception circuitry configured to receive a downlink signal in the first cell; and
transmission circuitry configured to transmit an uplink signal in the first cell,

wherein:

the reception circuitry is further configured to receive spatial relation information for the uplink signal in the first cell, the spatial relation information indicating a spatial domain transmission filter used for transmitting the uplink signal, and

the spatial relation information includes a cell identifier indicating the second cell.

2. The terminal apparatus according to claim 1, wherein

the spatial relation information in the first cell further includes information indicating a bandwidth part for the second cell.

3. A base station apparatus configured to communicate with a terminal apparatus by using a first cell and a second cell, the base station apparatus comprising:

transmission circuitry configured to transmit a downlink signal in the first cell;

and

reception circuitry configured to receive an uplink signal in the first cell,

wherein:

the transmission circuitry is further configured to transmit spatial relation information for the uplink signal in the first cell, the spatial relation information indicating

a spatial domain transmission filter used for transmitting the uplink signal, and

the spatial relation information includes a cell identifier indicating the second cell.

4. The base station apparatus according to claim 3, wherein

the spatial relation information in the first cell further includes information indicating a bandwidth part for the second cell.

5. A communication method for a terminal apparatus configured to communicate with a base station apparatus by using a first cell and a second cell, the communication method comprising:

receiving a downlink signal in the first cell;

transmitting an uplink signal in the first cell; and

receiving spatial relation information for the uplink signal in the first cell, the spatial relation information indicating a spatial domain transmission filter used for transmitting the uplink signal, wherein

the spatial relation information includes a cell identifier indicating the second cell.