

CLAIMS

1. A terminal comprising:

a receiver that receives a specified signal including a synchronization signal and a broadcast channel; and

a controller that controls a reception of a demodulation reference signal for a downlink shared channel while assuming that the demodulation reference signal does not collide with the specified signal,

wherein when a second resource of the demodulation reference signal collides with a first resource of a downlink channel, the controller uses a third resource for the reception of the demodulation reference signal and the third resource is obtained by shifting to a symbol after the first resource.

2. The terminal according to claim 1, wherein the second resource is in a start symbol of the downlink shared channel and the third resource is a result of shifting the second resource to the symbol immediately after the first resource.

3. The terminal according to claim 1, wherein a duration of the downlink shared channel is 7 symbols or less.

4. A radio communication method for a terminal comprising:

receiving a specified signal including a synchronization signal and a broadcast channel; and

controlling a reception of a demodulation reference signal for a downlink shared channel while assuming that the demodulation reference signal does not collide with the specified signal,

wherein when a second resource of the demodulation reference signal collides with a first resource of a downlink channel, the controlling uses a third resource for the reception of the demodulation reference signal and the third resource is obtained by shifting to a symbol after the first resource.

5. A base station comprising:

a transmitter that transmits a specified signal including a synchronization signal and a broadcast channel; and

a controller that controls a transmission of a demodulation reference signal for a downlink shared channel which does not collide with the specified signal,

wherein when a second resource of the demodulation reference signal collides with a first resource of a downlink channel, the controller uses a third resource for the transmission of the demodulation reference signal and the third resource is obtained by shifting to a symbol after the first resource.

6. A system comprising:

a terminal that comprises:

a receiver that receives a specified signal including a synchronization signal and a broadcast channel; and

a controller that controls a reception of a demodulation reference signal for a downlink shared channel while assuming that the demodulation reference signal does not collide with the specified signal; and

a base station that transmits the specified signal, wherein when a second resource of the demodulation reference signal collides with a first resource of a downlink channel, the controller uses a third resource for the reception of the demodulation reference signal and the third resource is obtained by shifting to a symbol after the first resource.