

ABSTRACT

According to an embodiment, a wireless communication device is applicable to a wireless communication system having a plurality of wireless communication devices. The wireless communication device includes a wireless section, a storage section, a communication control section, a response confirmation section and a schedule modification section. The wireless section executes a communication task in which the wireless communication device transmits and receives a wireless signal to and from another wireless communication device. The storage section stores schedule information indicative of a time when the communication task is permitted to be executed. The communication control section controls execution of the communication task based on the schedule information. The response confirmation section confirms a reception response from the another wireless communication device. The schedule modification section modifies the schedule information based on a result for the reception response from the response confirmation section.