

[ABSTRACT]

A control method for a communication device including a communication interface for communicating with a wireless terminal includes successively selecting one transmission scheme included in a plurality of transmission schemes according to schedule information and using the selected one transmission scheme for a trial of communications with the wireless terminal via a communication interface in a first period (S201); determining which transmission scheme of the plurality of transmission schemes has succeeded in communicating with the wireless terminal in the first period (S203); and adjusting the schedule information so that a trial of communications using a transmission scheme determined as having succeeded in communicating with the wireless terminal is started earlier in a second period subsequent to the first period than in the first period (S204).