

COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL
METHOD, COMMUNICATION DEVICE, COMMUNICATION METHOD, AND
COMMUNICATION SYSTEM

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ABSTRACT

Provided is a communication control device including a communication unit
configured to make communication with one or more secondary communication
nodes operating a secondary system using at least one of a frequency channel
10 allocated to a primary system and a frequency channel adjacent to the frequency
channel, a determination unit configured to determine an upper limit number of
secondary systems or secondary communication nodes to be allocated with
transmission power, and a power allocation unit configured to allocate transmission
power to each secondary system or each secondary communication node in each
15 secondary system based on the determined upper limit number and the acceptable
interference amount of the primary system.

Fig. 5

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