

COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL
METHOD, AND COMPUTER PROGRAM

ABSTRACT

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[Object] To provide a communication control device capable of calculating maximum allowable transmission power appropriately and with a small calculation load.

[Solution] Provided is a communication control device including: a height
10 difference calculation unit configured to calculate a difference between an altitude of a reference point for calculating interference power including information regarding a height in a first wireless system and an altitude of one wireless communication device in a second wireless system including a plurality of wireless communication devices sharing a frequency allocated to the first wireless system; and a power
15 calculation unit configured to decide maximum allowable transmission power of the second wireless system so that an aggregate interference level due to communication of an interference source that can occur at the reference point satisfies an allowable interference level of the first wireless system, using one or more of the wireless communication devices for which the difference is less than a predetermined value as
20 the interference source.

Representative Drawing

FIG. 6