

**CONDITIONS FOR THE RADIO EQUIPMENT OF RADIO STATIONS
OF A LOW-POWER DATA COMMUNICATION SYSTEM
WHICH USES EMISSIONS OF A FREQUENCY OF 5,170 MHZ,
5,190 MHZ, 5,210 MHZ, OR 5,230 MHZ INDOORS, AND
TECHNICAL CONDITIONS FOR THE CARRIER SENSING DEVICE**

(Article 49.20 item 3 of the Ordinance Regulating Radio Equipment)

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The conditions for the radio equipment of a radio station of a low-power data communication system which uses emissions of a frequency of 5,170 MHz, 5,190 MHz, 5,210 MHz, or 5,230 MHz indoors, and the technical conditions for the carrier sensing device shall be stipulated as follows based on the provisions of Article 49.20 item 3 k of the Ordinance Regulating Radio Equipment (Radio Regulatory Commission Regulations No. 18 of 1950).

- 1 The radio equipment shall have an indication in an easily visible location on the cabinet to the effect that the transmission of the said radio equipment is possible only indoors.
- 2 When the carrier sensing device receives the emissions radiated from the radio equipment of a radio station other than that of the party on the other end of communication, and the electric field intensity in the direction of the maximum gain of the receiving antenna exceeds 100 mV/m, the carrier sensing device shall not radiate emissions of the same frequency as that radiated from the radio equipment of the said radio station.
- 3 After performing carrier sensing, the radio equipment shall start transmission. However, when transmission and receiving are controlled by another radio equipment and when the radio equipment which has transmitted emissions of a frequency restarts transmission within 4 ms of performing the carrier sensing, it shall be possible to omit the carrier sensing.