

# **TECHNICAL CONDITIONS FOR RADIO EQUIPMENT TO WHICH THE TEXT OF ARTICLE 49.14 ITEM 1 C DOES NOT APPLY AND ITS TRANSMISSION ANTENNA**

(Article 49.14 of the Ordinance Regulating Radio Equipment)

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Finally amended in No. 356 on May 28, 2001

The technical conditions for the radio equipment to which the text of Article 49.14 item 1 c of the Ordinance Regulating Radio Equipment does not apply and its transmitting antenna shall be stipulated as follows based on the provisions of the proviso of Article 49.14 item 1 c of the Ordinance Regulating Radio Equipment (Radio Regulatory Commission Regulations No. 18 of 1950).

1 The radio equipment to which the text of Article 49.14 item 1 c of the Ordinance Regulating Radio Equipment does not apply shall be as follows.

Radio equipment which uses emissions of a frequency in the 70 MHz band, 400 MHz band, and 1,200 MHz band and which is defined in the items below.

- (1) For telemeters, telecontrols (which refer to the signal transmission aimed at starting, changing or ending the function of the equipment at a remote location using a radio wave) and data transmission (which refers to the transmission of information which is or was processed by a machine)
- (2) For radio paging
- (3) For radio telephony (excluding radio telephony used for radio microphones)
- (4) For radio telephony for sound assistance (which refers to radio telephony which transmits information for assisting visually handicapped people to walk by means of sound)

2 The technical conditions for the transmitting antenna stated in (1) to (3) of the preceding paragraph shall be as follows.

The absolute gain of the transmitting antenna shall be 2.14 dB or less. However, when the equivalent isotropically radiated power is the value or less obtained by adding the antenna power of 0.01 W (for the transmitting antenna which uses emissions of a frequency in a range of higher than 413.7 MHz to 414.14375 MHz, higher than 426.025 MHz to 426.1375 MHz, higher than 454.05 MHz to 454.1937 MHz, 0.001 W) to the absolute gain of 2.14 dB of the transmitting antenna, the decrease shall be capable of being compensated for by the gain of the transmitting antenna.

3 The technical conditions for the transmitting antenna stated in 1 (4) above shall be as follows.

The absolute gain of the transmitting antenna shall be -10 dB or less. However, when the equivalent isotropically radiated power is the value or less obtained by adding the antenna power of 0.01 W to the absolute gain of -10 dB of the transmitting antenna, the decrease shall be capable of being compensated for by the gain of the transmitting antenna.