

**CONDITIONS IN WHICH THE EQUIPMENT WHICH CAN SWITCH THE ANTENNA POWER BY CONNECTING A POWER AMPLIFIER IN THE RADIO EQUIPMENT OF A RADIO STATION WHICH PERFORMS MCA LAND MOBILE COMMUNICATION IDENTIFIES THE POWER AMPLIFIER WHEN THE POWER AMPLIFIER IS CONNECTED**

(Article 49.7 of the Ordinance Regulating Radio Equipment)

October 28, 1994

Ministry of Posts and Telecommunications Notification No. 590

The conditions in which the equipment which can switch the antenna power by connecting a power amplifier in the radio equipment of a radio station which performs MCA land mobile communication identifies the power amplifier when the power amplifier is connected shall be stipulated as follows based on the provisions of Article 49.7 item 1 b (4) of the Ordinance Regulating Radio Equipment (Radio Regulatory Commission Regulations No. 18 of 1950).

The conditions in which the equipment which can switch the antenna power by connecting a power amplifier in the radio equipment of a radio station which performs MCA land mobile communication identifies the power amplifier when the power amplifier is connected shall be the method of identifying the power amplifier based on operation processing or the method of identifying the power amplifier based on a comparison of the types of power amplifiers, and shall comply with the conditions defined in the right-hand column of the table below in accordance with the classification of the methods stated in the left-hand column of the table.

Method	Condition
1 Method of identifying the power amplifier based on operation processing	<p>(1) The radio station shall transmit a connection attestation request signal (which refers to a signal for attesting the power amplifier) to the power amplifier. The power amplifier shall carry out operation processing of the received connection attestation request signal using an attestation identification code (which refers to a code stored in the power amplifier which can be connected to the radio equipment of a radio station and the radio equipment of the said radio equipment; the same applies hereafter), and shall transmit the results of operation processing to the radio station.</p> <p>(2) The radio station shall compare the operation results from the power amplifier with the operation results obtained using the attestation identification code stored in the said land mobile station, and shall identify the power amplifier only when both results coincide.</p>
2 Method of identifying the power amplifier based on a comparison of the types of power amplifiers	<p>(1) The radio station shall transmit a type code transmission request signal (which refers to a signal which requests the transmission of the type code; the same applies hereafter) to the power amplifier.</p> <p>(2) After receiving the type code transmission request signal, the power amplifier shall transmit the type code to the radio station.</p> <p>(3) The radio station shall identify the power amplifier only when the type code received is stored in the said radio station.</p>