

The outline of proposed amendment of Ministerial ordinance etc.

1. Item

The technical regulations on radio equipment for 2.5GHz band, Broadband Wireless Access system.

2. Amendment ministerial ordinance

The Ordinance for Regulating Radio Equipment etc.

3. The reason of amendment

The technical regulations on radio equipment for 2.5GHz band, Broadband Wireless Access system are established in order to make it possible to use these systems in Japan.

4. Outline of the amendment

The ministerial ordinance etc. stipulates the technical regulations on radio equipment for 2.5GHz band, Broadband Wireless Access system.

Item	WiMAX (IEEE802.16e)	MBTDD-Wideband (IEEE802.20)	MBTDD-625k MC (IEEE802.20)	Next Generation PHS
Communication method	Time Division Duplex (TDD)			
Multiplex method	OFDMA	OFDMA	FDMA,TDMA, SDMA	OFDMA,TDMA, SDMA
Used frequencies	2545~2625MHz			
Occupied bandwidth	5MHz、10MHz	5MHz、10MHz	5MHz、10MHz	2.5MHz、5MHz、 10MHz
Antenna power				
(Base Station)	20W	20W	38W	10W
(Mobile Station)	200mW	200mW	158.5mW	200mW

OFDMA : Orthogonal Frequency Division Multiple Access

FDMA : Frequency Division Multiple Access

TDMA : Time Division Multiple Access

SDMA : Space Division Multiple Access

5. Proposed date of entry into force

May 2007