

The outline of proposed amendment of Ministerial ordinance

1 Item

Partial revision of Technical Regulation for Digital Satellite Broadcasting System

2 Amendment ministerial ordinance

Partial Amendment of The Ordinance stipulating the Standard System on Transmission for Digital Broadcasting of the systems including Standard Definition Television (ministerial ordinance)

3 The reason of amendment

In digital satellite broadcasting system, by adopting the latest broadcasting technologies, new service realizing the transmission of more programs in HDTV (High Definition Television) becomes possible.

“Advanced digital satellite broadcasting system” which enables the new service is expected to be introduced as soon as possible. In July 2006, the Telecommunications Technology Council submitted a report on the technical conditions for the system. In accordance with the report, technical regulation on radio equipment for advanced digital satellite broadcasting system is established.

4 Outline of the amendment

DVB-S.2 (ETSI EN 302 307) transmission system and H.264 video coding system (ITU-T Recommendation) are newly added. The main transmission parameters are shown in the following table.

Item	Specification
Modulation scheme	8PSK
FEC encoding	LDPC inner code BCH outer code
Roll-off rate	0.2
Video coding	H.264

- 5 Proposed data of entry into force
Late in January 2007