

ISDB-T Standards

1. Transmission

While most of all the technical parameters related to transmission shall be in accordance with ABNT NBR 15601, there are some modifications necessary.

The Philippines will not use the VHF band and UHF band higher than [51]ch for the digital terrestrial TV. Besides, the Philippines will use the CH-37 which is not used in Brazil as it is being utilized for radio astronomy. Thus it is necessary to modify the list of operating channels of the UHF band. See Annex 1 for details.

2. Video Coding

All the technical parameters related to video coding shall be in accordance with ABNT NBR 15602-1. However video coding parameters for full-seg services are applied to any layers except for the partial reception layer.

3. Audio Coding

All the technical parameters related to audio coding shall be in accordance with ABNT NBR 15602-2. However audio coding parameters for full-seg services are applied to any layers except for the partial reception layer.

4. Multiplexing

All the technical parameters related to multiplex shall be in accordance with ABNT NBR 15602-3.

5. Service information

While most of all the technical parameters related to service information shall be in accordance with ABNT NBR15603, there are some modifications necessary. The main points to be modified are shown here-below. See Annex 5 for the details.

- In order to adopt BML instead of Ginga for the data broadcasting, the descriptors specifically for Ginga shall be deleted.
- Network ID, Service ID, and Affiliation ID shall be allocated to be respectively unique within the Philippines, and Remote Control Key ID shall be allocated to be unique within each of the broadcast service areas.

6. Receiver (Note: A separate Memorandum Circular shall be issued to include the standards and specifications for Receivers)

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