



TECHNICAL SPECIFICATION

FOR

**RADIO MF (AM) BROADCAST AND ANCILLARY
EQUIPMENT**

ISSUED BY

BOTSWANA TELECOMMUNICATIONS AUTHORITY

Document Number:	TS0013
Revision:	Revision 1
Date:	December 2012

Technical Specification for Radio MF (AM) Broadcast and ancillary equipment

Contents

Scope	3
Entry into force.....	3
Document History.....	3
Spectrum Allocation	3
Safety and EMC requirements.....	3
Technical requirements	3
Additional requirements	4
Obtaining Technical standards.....	4

Issued by:

Botswana Telecommunications Authority
Plot 206/207 Independence Avenue
Private Bag 00495
Gaborone
Botswana

Telephone: +267 395 7755
Fax: +267 395 7976
E-mail:
Website: www.bta.org.bw

Scope

This specification applies to all radio MF (AM) broadcast and ancillary equipment to be used in Botswana.

Where terminal equipment supports more than one interface type, each interface must meet the requirements applicable to it. It may therefore be necessary to make reference to additional specifications.

Entry into force

This specification shall enter into force on 01/12/12.

Document History

Description	Status	Date
First issue of type approval guidelines	Draft	2005
Second issues of type approval guidelines	Current	2007
Third issue of type approval	Revision 1	2012

Spectrum Allocation

The following frequency band has been allocated for use by radio MF (AM) broadcast and ancillary equipment in Botswana: 0.5265 – 1.6065 MHz.

Safety and EMC requirements

The following specifications shall be applied:

TS0001: Safety and EMC requirements of radio and telecommunications terminal equipment.

Technical requirements

The following specifications shall be applied.

ETSI EN 301 489-1

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 1: Common technical requirements

ETSI EN 301 489-11

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 11: Specific conditions for terrestrial sounds
broadcasting service transmitters

ETSI EN 303 017-2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Transmitting equipment for the Amplitude Modulated (AM) sound
broadcasting service; Part 2: Harmonised EN under article 3.2 of the
R&TTE directive

Where no issue or revision number is quoted along with the title of a
technical specification, the latest published version should be used.

Additional requirements

Additional requirements exist for the use of Radio MF (AM) broadcast
and ancillary equipment at this time. A licence must be obtained before
equipment of this type can be used in Botswana. This licence will detail
conditions of use and any additional requirements which must be met.

Obtaining Technical standards

ETSI technical standards may be obtained free of charge for individual
use from the ETSI web site. www.etsi.org