



TECHNICAL SPECIFICATION

FOR

RADIO FIXED LINKS

ISSUED BY

BOTSWANA TELECOMMUNICATIONS AUTHORITY

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Technical Specification for Radio Fixed Links

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Scope

This specification applies to all radio fixed links 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

Various frequency bands have been allocated for use by radio fixed links and ancillary equipment in Botswana. Spectrum is assigned on a case by case basis by BTA.

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 301 751

Fixed Radio Systems: Point-to-point equipment and antennas; Generic harmonised standard for point-to-point digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the 1999/05/EC directive

ETSI EN 301 753

Fixed Radio Systems: Point-to-point equipment and antennas; Generic harmonised standard for point-to-multipoint digital fixed radio systems and antennas covering the essential requirements under article 3.2 of the 1999/05/EC directive

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 301 489-4 (2009-05)

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links, Broadband Data Transmission System Base stations, and ancillary equipment and services

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

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