



TECHNICAL SPECIFICATION

FOR

**CORDLESS TELEPHONE (ANALOGUE) HANDSETS
AND RELATED EQUIPMENT**

ISSUED BY

**BOTSWANA COMMUNICATIONS REGULATORY
AUTHORITY**

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Technical Specification for Cordless Telephone (Analogue) Handsets and Related Equipment

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Scope

This specification applies to all cordless telephone (analogue) handsets and related 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 15/01/2016.

Document History

Description	Status	Date
Cordless Telephone (Analogue) Handsets and Related Equipment	Original V1.1	11/12/2015

Spectrum Allocation

The following frequency bands have been allocated for use by cordless telephone (analogue) handsets and related equipment in Botswana: 39.750 – 40.250 MHz and 49.670 – 49.970 MHz.

Health, Safety, and Generic Emissions

The following universal specifications shall be applied.

TS0001: Health, Safety and Generic Emissions of Radio and Telecommunications Terminal Equipment.

Technical, Spectrum and EMC Requirements

The following specifications shall be applied.

ETSI EN 301 489-1 V1.9.2

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

ETSI EN 300 220-1 V2.4.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500mW; Part 1: Technical characteristics and test methods

ETSI EN 300 220-2 V2.4.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

ETSI EN 300 220-3 V1.1.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 3: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

Important Note: The revision numbers of the documents given in the approval standard are the minimum standards that apply. Should updated versions of these documents be published, the latest version will always apply. This also applies to documents where no revision number is currently quoted.

Additional Requirements

No additional requirements exist for cordless telephone (analogue) handsets and related equipment at this time.

Obtaining Technical Standards

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

CENELEC, IEC and CISPR standards may be obtained at cost from, or through www.cenelec.org and from www.iec.ch respectively.