**STA/SD/OP/05/F1**

**KENYA BUREAU OF STANDARDS**

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| **Document Type:** | **Confirmation proposal** | |
| **Dates:** | Circulation date | Closing date |
| 2019-04-24 | 2019-05-15 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Zacheus Mwatha (zimwatha@kebs.org)** | |

The Kenya Bureau of Standards intends to confirm the Kenya Standards as detailed in the attached list of Kenya Standards for Systematic Review.

We are therefore seeking views from potential users in respect of relevance and effectiveness of the attached standard(s) in addressing current market needs, regulatory needs and scientific and technological development.

The Standards are available at the Kenya Bureau of Standards Information Resource Centre. Please tick (mark) and fill your preference of the listed option in the table.

**Note 1:** Absence of sustainable technical justifications in support of the objection shall render the objection unviable.

**NOTE 2:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for confirmation and **shall constitute an approval vote**.

1. **Number**: KS 600:1985

**Title**: Kenya Standard — Methods of measuring the characteristics of disc playing record units

**Scope**: Prescribes test methods for the determination of performance characteristics of disc record playing units

1. **Number**: KS 1590-1:2001

**Title**: Kenya Standard — Siting of radio communications facilities — Specification — Part 1: Low frequency, medium frequency and high frequency transmitting and high frequency receiving facilities

**Scope**: Sets out requirements for the siting of LF, MF, and HF transmitting facilities and HF receiving facilities at specific geographic locations

1. **Number**: KS 1590-2:2001

**Title**: Kenya Standard — Siting of radio communications facilities — Specification — Part 2: Guidelines for fixed, mobile and broadcasting services operating at frequency above 30 MHz

**Scope**: This Kenya standard provides guidance for the siting, installation and operation of radiocommunications facilities for fixed, mobile and broadcasting services, in the range of 30 MHz to 3 GHz.

1. **Number**: KS 1590-3:2001

**Title**: Kenya Standard — Siting of radio communications facilities — Specification — Part 3: Fixed location satellite earth stations

**Scope**: Concerns the siting of satellite earth stations at specific geographic locations. The concern is on those features of the site which affect the efficiency of operations, potential interference to and from the signals, and potential impact which emissions

1. **Number**: KS 1629:2001

**Title**: Kenya Standard — Methods of measuring the characteristics of reproducing equipment for digital audio compact discs

**Scope**: This Kenya Standard applies to reproducing equipment for digital audio compact discs that conform to the specifications of IEC 60908.

1. **Number**: KS 1671-1:2005

**Title**: Kenya Standard — Domestic and similar electronic equipment interconnection requirements - Audiovisual link - Specification - Part 1: General requirements

**Scope**: This Part 1 of this Kenya Standard provides the general requirements for the AV. links and their standardization structure.

1. **Number**: KS 1671-2.1:2005

**Title**: Kenya Standard — Domestic and similar electronic equipment interconnection requirements - Audiovisual link - Specification - Part 2-1: Signal quality matching and automatic selection of source devices

**Scope**: This Part 2-1 of this Kenya Standard specifies an extension [with the possibility to start with only two devices as a point-to-point interconnection (only a display unit combined with a low end VTR) and then building it up] towards a chain configuration (serial interconnection of devices) with respect to the existing standard which specifies only the characteristics of the point-to-point interconnection system for audiovisual equipment.

1. **Number**: KS 1671-2.2:2005

**Title**: Kenya Standard — Domestic and similar electronic equipment interconnection requirements - Audiovisual link - Specification - Part 2-2: Basic system oriented commands

**Scope**: This Kenya Standard specifies the AV link communication protocols and the basic AV link commands within mode 2.

AV link devices may communicate with each other in AV link mode 2 by sending and receiving basic system oriented commands. The AV link mode 2 communication takes place via the AV link on contact 10 of the peritelevision connector as specified in EN 50049-1.

By sending AV link system oriented commands a device may control some basic functions of other devices. For instance, an AV link television may control some functions of an AV link video cassette recorder.

1. **Number**: KS 1671-2.3:2005

**Title**: Kenya Standard — Domestic and similar electronic equipment interconnection requirements - Audiovisual link - Specification - Part 2-3: System oriented application

**Scope**: This Kenya Standard specifies the AV link mode 3 communication protocols.

AV link mode 3 is an audio/video communication system AV link mode 3 devices communicate with each other by sending and receiving <AV link mode 3> messages. The communication of AV link takes place via contact 10 of the peritelevision connector as specified in EN 50049-1.

Within the protocol a 3-bit "Application identifier" is present.

If a company wishes to use the mode 3 protocol for its own application an "Application identifier" code can be allocated by EACEM Secretariat.

1. **Number**: KS IEC 62002-1:2008

**Title**: Kenya Standard — Mobile and portable DVB-T/H radio access Part 1: Interface specification, First Edition

**Scope**: This part of IEC 62002 is a radio access specification for mobile, portable and hand-held portable devices capable of receiving DVB-T/H services. It includes informative system aspects as well as specifications for minimum RF-performance. It covers terminals in three main classes, namely integrated car terminals, portable digital TV sets and hand-held portable convergence terminals. Interoperability with integrated cellular radios is also considered.

<https://webstore.iec.ch/preview/info_iec62002-1%7Bed2.0%7Den.pdf>

1. **Number**: KS IEC 62002-2:2008

**Title**: Kenya Standard — Mobile and portable DVB-T/H radio access Part 2: Interface conformance testing, First Edition

**Scope**: This part of IEC 62002 provides the conformance testing rules and guidelines for equipment built to meet the Mobile and portable DVB-T/H radio access interface specification (IEC 62002-1)

One aim is to limit the number of tests to a practical level. Nevertheless, the manufacturer is responsible of guaranteeing that the terminal fulfils all aspects of the mobile and portable DVB-T/H radio access interface specification (see IEC 62002-1)

<https://webstore.iec.ch/preview/info_iec62002-2%7Bed2.0%7Den.pdf>

1. **Number**: KS IEC/TR 62002-3:2008

**Title**: Kenya Standard — Mobile and portable DVB-T/H radio access Part 3: Measurement Interface, First Edition

**Scope**: This Technical Report is defining the minimum requirements for a terminal measurement interface to be used in test systems designed to verify the terminal conformance according IEC 62002-1 and IEC 62002-2. The interface is especially designed to be used with terminal category c), hand-held portable convergence terminals, but can obviously be used with other terminal categories as well (see IEC 62002-1, Clause 4). The measurement interface is used to control the terminal and read the degradation information from the terminal. The test signal interface (terminal input) is specified in the IEC 62002-2 and is not part of this Technical Report.

<https://webstore.iec.ch/preview/info_iec62002-3%7Bed1.0%7Den.pdf>

1. **Number**: KS IEC/TR 62002-4:2009

**Title**: Kenya Standard — Mobile and portable DVB-T/H radio access Part 4: Measurement methods for total radiated sensitivity in hand-held broadcast terminals, First Edition

**Scope**: This part of IEC 62002 gives a standard method to test Total Radiated Sensitivity (TRS) of a category c) terminal specified in IEC 62002-1. This is a practical measure of the radiated sensitivity as it takes into account both the terminal antenna efficiency and possible terminal generated additional noise. Moreover, it can be used directly in the link budget calculations for the network coverage predictions. The motivation for the TR has been the lack of suitable measurement methods to characterise the terminal antenna in a common and practical way. As the 3GPP TR 25.914 method is in many ways suitable for the task, it was decided to develop a simplified version of this method by taking into account the special requirements for broadcast terminals. The test method applies to terminals in terminal category c) with either internal or external antennas. The effect of the user on the antenna radiation pattern is not taken into account.

The method is based on a 3-D radiation pattern measurement. At first a full 3-D 4π sensitivity measurement is performed at three frequencies with both polarisations. From this measurement the TRS at these frequencies can be calculated. The best direction for sensitivity at the middle frequency is observed and then the Effective Isotropic Sensitivity (EIS) is measured in this direction at all specified reception channels. It is assumed that the average difference between the measured EIS and TRS is valid also for the other frequencies and thus the TRS at all specified channels can be calculated.

<https://webstore.iec.ch/preview/info_iec62002-4%7Bed1.0%7Den.pdf>

**CONFIRMATION PROPOSAL**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **S/N0.** | **Standard Number** | **I accept the proposal to confirm the Kenya Standard(s) as current** | **I object to the proposal to confirm the Kenya Standard as current** | **Our proposed action (to be filled in case of objection to confirmation)** | | | **Our justification for the objection of the proposed confirmation is as follows (cite specific clauses and wording preferred)** |
|  | Revision | Amendment | Withdrawal |
|  | KS 600:1985 |  |  |  |  |  |  |
|  | KS 1590-1:2001 |  |  |  |  |  |  |
|  | KS 1590-2:2001 |  |  |  |  |  |  |
|  | KS 1590-3:2001 |  |  |  |  |  |  |
|  | KS 1629:2001 |  |  |  |  |  |  |
|  | KS 1671-1:2005 |  |  |  |  |  |  |
|  | KS 1671-2.1:2005 |  |  |  |  |  |  |
|  | KS 1671-2.2:2005 |  |  |  |  |  |  |
|  | KS 1671-2.3:2005 |  |  |  |  |  |  |
|  | KS IEC 62002-1:2008 |  |  |  |  |  |  |
|  | KS IEC 62002-2:2008 |  |  |  |  |  |  |
|  | KS IEC/TR 62002-3:2008 |  |  |  |  |  |  |
|  | KS IEC/TR 62002-4:2009 |  |  |  |  |  |  |

Name and (of respondent)……………………………………………… Position…………………

Signature: …………………………………………………….

On behalf of: (Name of organization)

Date: