



CITC Technical Specification

Document Number: IT005
Revision: Issue 1
Date: 10/01/2010 G

Specification for Receivers Equipment with Internet Support

Issued by The Communications and Information Technology Commission of Saudi Arabia in accordance with article 89 of the Telecommunications Bylaw.

Communications and Information Technology Commission
King Fahad Highway
Riyadh

Telephone: + 966 1 461 8050
Fax: + 966 1 461 8150
E-mail: info@citc.gov.sa
Website: www.citc.gov.sa

Contents

This document comprises the following sections:

Scope.....	2
Entry into force	2
Proof of compliance.....	2
Technical requirements.....	3
Obtaining technical standards.....	3
Network information (only for network interfaces)	4
Document history.....	4

Scope

This document applies to Receivers Equipment with Internet Support.

All telecommunications and radio terminal equipment must comply with the relevant technical specifications established by CITC. In addition, such equipment may be subject to regulations for Declaration of Conformity or registration. See <http://www.citc.gov.sa/> for details.

If more than one interface type is offered by a piece of equipment, each interface must meet the applicable technical specifications.

Entry into force

This specification shall enter into force on 10/01/2010 G

Proof of compliance

It is recommended that test reports are obtained from a laboratory that has been accredited by a body that is a member of the ILAC Mutual Recognition Arrangement.

Technical requirements

EN 55022 / CISPR 22

Information technology equipment — Radio disturbance characteristics — Limits and methods of measurement.

EN 55024 / CISPR 24

Information technology equipment — Immunity characteristics — Limits and methods of measurement.

EN 61000-3-2 / IEC 61000-3-2

Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).

EN 61000-3-3 / IEC 61000-3-3

Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

EN 61000-3-11 / IEC 61000-3-11

Electromagnetic compatibility (EMC) — Part 3-11: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems — Equipment with rated current ≤ 75 A and subject to conditional connection.

General

In addition to meeting the above requirements, all equipment must comply with the requirement of CITEC specification GEN001, be safe and must not adversely affect other electrical equipment.

Obtaining technical standards

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

Network information (only for network interfaces)

Further information on the characteristics and presentation of network interfaces can be found by visiting operator's website.

Document history

Description	Status	Date
	Issue 1	10/01/2010 G