



CITC Technical Specification

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General Requirements

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

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Scope

This document defines the minimum requirements which must be met by all Radio & Telecommunications Terminal Equipment, such as radio transmitting equipment and any equipment/devices connected to or constituting local periphery of telecommunication networks, which is intended to be used and sold in the Kingdom of Saudi Arabia. These requirements must be applied in addition to any product specific requirements that may exist.

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

Entry into force

This specification shall enter into force on 15/12/2018 G

Proof of compliance

It is required that the equipment compliance is demonstrated by producing a suitable "notified body statement" or similar type examination certificate or test report(s) obtained from a laboratory (or group of laboratories) that has been accredited by a body that is a member of the ILAC Mutual Recognition Arrangement.

Technical requirements

Testing should be carried out to ensure compliance with the applicable specifications from those listed below and with other requirements where such are established in separate product specific Radio Interface specifications. If European norms are used as the basis for providing proof of compliance, the issue or version of the specification(s) used, should have been published in the *Official Journal of the European Community (OJEC)*.

Also the specification(s) should be recognised as providing “presumption of conformity” under the European Radio Equipment Directive at the time, the approval is sought. If internationally recognised equivalent standards are applied, the latest published version of the standard should be used.

Where the norm listed below had become updated or superseded by a different norm in the meantime, the most up to date relevant version/norm shall be deemed applicable for the purpose of compliance verification.

Safety

Electrical:

EN 62368-1 or IEC 62368-1

Audio/video, information and communication technology equipment - Part 1: Safety requirements

Radio and SAR:

EN 50360

Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz).

EN 50364 Ed.2

Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications.

EN 62479:2010

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

EN 50385

Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz-40 GHz) - General public.

EN 62311:2008

Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

Optical and Laser:

EN 60825 or IEC 60825

Safety of laser products

EMC

EN 55032

Electromagnetic compatibility of multimedia equipment - Emission Requirements.

EN 55035

Electromagnetic compatibility of multimedia equipment - Immunity requirements.

EN 301 489

Electromagnetic Compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services.

EN 61000-3-2 or IEC 61000-3-2

Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase).

EN 61000-3-3 or IEC 61000-3-3

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 or IEC 61000-3-11

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.

EN 61000-6-1 or IEC 61000-6-1

Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments.

EN 61000-6-2 or IEC 61000-6-2

Part 6-2: Generic standards - Immunity for industrial environments.

EN 61000-6-3 or IEC 61000-6-3

Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments.

EN 61000-6-4 or IEC 61000-6-4

Part 6-4: Generic standards - Emission standard for industrial environments
If no issue or revision number is quoted along with the title of a technical specification, the latest published version should be used.

Obtaining technical standards

ETSI technical standards may be obtained free of charge for individual use from the ETSI website www.etsi.org. CENELEC, IEC and CISPR standards

may be obtained at cost from www.cenelec.org and from www.iec.ch respectively.

Title Shortcuts

AI – Analog Interface
DI – Digital Interface
DSL – Digital Subscriber Line
IT – Information Technology
RI – Radio Interface

Document history

Description	Status	Date
	Issue 1	11/03/2006 G
	Issue 2	29/09/2008 G
	Issue 3	15/12/2018 G