



CITC Technical Specification

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Specification for Navigation (Ground) Equipment

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

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Scope

This document applies to Navigation (Ground).

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

Frequency of operation

Following table is showing information on frequency bands, maximum output power and applicable specifications:

| Frequency band | Band | ETSI Standard |
|----------------|------|---------------|
| 1164–1214 MHz | L5 | EN 300440 |
| 1563–1591 MHz | L1 | EN 300440 |
| 1260–1300 MHz | L2 | EN 300440 |

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 300 440-2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE directive.

EN 55022

Information technology equipment; Radio disturbance characteristics; Limits and methods of measurement (CISPR 22).

EN 55024

Information technology equipment; Immunity characteristics; Limits and methods of measurement (CISPR 24).

General

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

Obtaining technical standards

CENELEC technical standards may be obtained for cost from www.cenelec.org.

Document history

| Description | Status | Date |
|-------------|---------|--------------|
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