



CITC Technical Specification

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Specification for Wireless Local Loop Subscriber 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 Wireless Local Loop Subscriber Equipment .

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

The following frequency band has been allocated for wireless local loop applications.

3.400 – 3.600 GHz

If other frequency bands are being considered for use in wireless local loop applications, Frequencies will be assigned on a case-by-case basis.

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

A number of technologies may be used to provide Wireless Local Loop (WLL) services including GSM, DECT and point-to-point. Where this is the case, the equipment should comply with the requirements of the specification appropriate to the technology.

Testing should also be carried out to ensure compliance with the following specifications:

EN 302 217-2-2

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE directive for digital systems operating in frequency bands where frequency co-ordination is applied

EN 302 217-3

Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 3: Harmonized EN covering essential requirements of article 3.2 of the R&TTE directive for equipment operating in frequency bands where frequency co-ordination is applied

EN 302 217-4-2

Fixed Radio Systems — Characteristics and requirements for point-to-point equipment and antennas — Part 4-2: Harmonized EN covering essential requirements of Article 3(2) of R&TTE directive for antennas

EN 302 326-2

Fixed Radio Systems — Multipoint Equipment and Antennas - Part 2: Harmonised EN covering the essential requirements of Article 3(2) of the R&TTE directive for Multipoint Radio Equipment

EN 302 326-3

Fixed Radio Systems — Multipoint equipment and antennas - Part 3: Harmonised EN covering the essential requirements of Article 3(2) of the R&TTE directive for Multipoint Radio Antennas

EN 301 489-1

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

EN 301 489-4

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and
services; Part 4: Specific conditions for fixed radio links and ancillary
equipment and services

Where no issue or revision number is quoted along with the title of a
technical specification, the latest published version should be used.

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.

Additional requirements

No additional requirements exist for Wireless Local Loop Subscriber
Equipment.

Obtaining technical standards

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

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

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|-------------|---------|--------------|
| | Issue 1 | 11/03/2006 G |
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