



CITC Technical Specification

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Specification for Wireless HD Equipment

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 applies to Wireless HD Application.

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		Maximum Output Power or Magnetic Field	ETSI Standard
57 - 66 GHz	Transmit indoor only	25 dBm mean e.i.r.p.*	EN 302 567
57 - 66 GHz	Transmit indoor and outdoor	40 dBm mean e.i.r.p.**	EN 302 567

*The maximum mean e.i.r.p density is limited to -2 dBm/MHz.

**The maximum mean e.i.r.p density is limited to 13 dBm/MHz

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 302 567

Broadband Radio Access Networks (BRAN); 60 GHz Multiple-Gigabit WAS/RLAN Systems; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE directive.

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 301 489-17

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

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.

Additional requirements

Restricted to indoor use.

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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