

## CITC Technical Specification

# Specification for High Speed Serial Interfaces (HSSI) Equipment

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## Scope

This specification applies to Equipment connecting to High Speed Serial Interfaces (HSSI).

High Speed Serial Interfaces are connecting wide area networks for data communication with speeds up to 52 Mb/s.

## Enforcement

This specification shall enter into force on 01/06/2021.

Any previous version of this technical specification is withdrawn.

## General Requirements

All equipment must comply with the requirement of CITC specification GEN001, be safe and must not adversely affect other electrical 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 [www.citc.gov.sa](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.

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

It is mandatory 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.

## Limits and conditions

Testing should be carried out to ensure compliance with the specifications ANSI/TIA/EIA-612.

## Licensing Requirements

No licensing requirements apply.

## Additional Requirements

There is no additional requirements for this technical specification.

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## References

The following referenced documents are indispensable for the application of this document. If no issue or revision number is quoted along with the title of a technical specification or standard, the latest published version should be used.

ANSI/TIA/EIA-612

Electrical characteristics for an interface at Data Signaling Rates up to 52 Mbit/s

## History

For reference, the latest versions of the technical specifications are published on the CITC website [www.citc.gov.sa](http://www.citc.gov.sa).

Description	Status	Date
	Issue 1	11/03/2006
	Issue 2	10/01/2010
	Issue 3	02/03/2021