



United Arab Emirates



TECHNICAL SPECIFICATION

Requirements for Connection to Basic Rate ISDN Interfaces

Version 1.0

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Technical Specification, EMC and Safety Requirements, Version 1.0, Issued 16 Month 2006

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1. Scope

This specification lists the safety and Electromagnetic Compatibility requirements applicable to all radio and telecommunications terminal equipment intended to be used in the UAE.

2. Definitions

Unless the context requires otherwise, the expressions and wordings appearing in Federal Law by Decree No. (3) of 2003 Regarding the Organisation of the Telecommunications Sector shall have the same meaning ascribed thereto in the above-mentioned Federal Law by Decree, and the following expression and wording shall have the following meanings assigned thereto:

ANSI	American National Standards Institute ¹
CENELEC	European Committee for Electro-technical Standardisation ²
CISPR	International Special Committee for Radio Interference ³
IEC	International Electro-technical Commission ⁴
ITU	International Telecommunications Union ⁵
ETSI	European Telecommunications Standards Institute ⁶

3. Technical Requirements

General

All equipment shall comply with TRA specification TS001 concerning safety and EMC performance.

¹ ANSI standards can be obtained from, <http://webstore.ansi.org>

² CENELEC standards can be obtained from, www.cenelec.org

³ CISPR standards can be obtained from, www.cenelec.org

⁴ IEC standards can be obtained from, www.iec.ch

⁵ ITU standards can be obtained from, www.itu.int

⁶ ETSI standards can be obtained from, www.etsi.org



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Specific

Unless stated otherwise below, the latest published versions of the following standards shall apply, as applicable to the interfaces supported by the terminal:

Connection at the S/T Interface

ETSI TBR 003 Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access

ETSI TBR 008 Integrated Services Digital Network (ISDN); Telephony 3.1 kHz teleservice; Attachment requirements for handset terminals.

Connection at the U Interface

ITU- T Recommendation G.961

Digital Transmission System on Metallic Local Lines for ISDN Basic Rate Access Digital Sections and Digital Line Systems

Or

ETSI ETR 080 Transmission and Multiplexing (TM); Integrated Services Digital Network (ISDN) basic rate access; Digital transmission system on metallic local lines

It should be noted that ETSI ETR 80 does not include all clauses of ITU-T G.961. TRA reserves the right to request that testing against the additional clauses of ITU-T G.96 is carried out where it believes this to be appropriate.