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# TECHNICAL SPECIFICATION

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## Requirements for Connection to X.25

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:

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

## 3. Technical Requirements

### General

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

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

<sup>2</sup> CENELEC standards can be obtained from, [www.cenelec.org](http://www.cenelec.org)

<sup>3</sup> CISPR standards can be obtained from, [www.cenelec.org](http://www.cenelec.org)

<sup>4</sup> IEC standards can be obtained from, [www.iec.ch](http://www.iec.ch)

<sup>5</sup> ITU standards can be obtained from, [www.itu.int](http://www.itu.int)

<sup>6</sup> ETSI standards can be obtained from, [www.etsi.org](http://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:

**ETSI TBR 2** Attachment requirements for Data Terminal Equipment (DTE) to connect to Packet Switched Public Data Networks (PSPDNs) for CCITT Recommendation X.25 interfaces at data signalling rates up to 1920 Kbit/s utilizing interfaces derived from CCITT Recommendations X.21 and X.21bis

or

**ITU-T recommendation X.25** Interface between Data Terminal Equipment (DTE) and Data Circuit-terminating Equipment (DCE) for Terminals operating in the Packet Mode and connected to Public Data Networks by Dedicated Circuit.

**ITU-T Recommendation X.21** Interface between Data Terminal Equipment and Data Circuit-terminating equipment for synchronous operation on Public Data Network

**ITU-T Recommendation X.21 bis** Use on Public Data Networks of Data Terminal Equipment (DTE) which is designed for interfacing to Synchronous V-Series Modems