
TECHNICAL SPECIFICATION

Requirements for Paging Terminals and Ancillary Equipment

TS RE 009, Version 1.0

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Telecommunications Regulatory Authority (TDRA)
P O Box 26662, Abu Dhabi, United Arab Emirates (UAE) www.tdra.gov.ae

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1 General requirements

Technical specification has been prepared and approved by the Telecommunications Regulatory Authority (TDRA) based on the Telecommunication apparatus Type Approval Regime.

Several technical specifications may apply to the equipment. If equipment within the scope of this technical specification also incorporates functions that are covered by another technical specification, the relevant technical specification is applied to each function separately. The influence of one function on the other is taken into account.

2 Scope

This technical specification applies to Paging Terminals and Ancillary Equipment.

This technical specification defines minimum technical requirements for health and safety, electromagnetic compatibility, efficient use of radio spectrum and additional essential requirements based on the Telecommunication apparatus Type Approval Regime.

Unless the context requires otherwise, the expressions and wordings appearing in the Telecommunication apparatus Type Approval Regime shall have the same meaning described thereto.

3 Technical Requirements

3.1 Efficient use of radio spectrum

The equipment shall comply with prescribed frequency bands given in the National Frequency Allocation Table (NFAT)*:

136-174 MHz, 169,4125-169,8125 MHz and 440-470 MHz

*Frequency for paging services will be assigned by the TDRA Spectrum department on a case-by-case basis.

The equipment shall meet the requirements of following standard(s):

EN 300 133-4 Electromagnetic Compatibility and Radio Spectrum Matters (ERM);
Enhanced Radio Messaging System (ERMES); Part 4: Air interface

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specification.

EN 300 224-2 Electromagnetic compatibility and Radio spectrum Matters (ERM); On-site paging service - Part 2: Harmonized EN under Article 3(2) of the R&TTE Directive.

3.2 Electromagnetic compatibility

The equipment shall meet the requirements of following standard(s):

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 301 489-2 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific condition for Radio Paging Equipment.

3.3 Health and safety

The equipment shall meet the requirements of Technical specification TS HS 001.

3.4 Additional essential requirements

A licence must be obtained before equipment of this type can be used.

3.5 Validity of standards

If no issue or revision number is quoted along with the title of a standard, the valid edition should be used. The valid of the standard can be checked on:

- For EN standards:

http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/rtte/index_en.htm;