CITC Technical Specification

Document Number: RI052
Revision: Issue 2
Date: 10/01/2010 G

Specification for Radio Hearing Aids

Issued by The Communications and Information Technology Commission of Saudi Arabia in accordance with article 89 of the Telecommunications Bylaw.

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Contents
This document comprises the following sections:

Scope............................................................................................................... 2
Entry into force ............................................................................................... 2
Frequency of operation ................................................................................... 2
Proof of compliance ........................................................................................ 3
Technical requirements ................................................................................... 3
Additional requirements .................................................................................. 3
Obtaining technical standards ....................................................................... 3
Network information (only for network interfaces) ....................................... 4
Document history............................................................................................ 4

Scope
This document applies to radio hearing aids.

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:

<table>
<thead>
<tr>
<th>Frequency band</th>
<th>Maximum Output Power or Magnetic Field</th>
<th>ETSI Standard</th>
</tr>
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<tbody>
<tr>
<td>173.965-174.015 MHz</td>
<td>2 mW e.r.p.</td>
<td>EN 300 422</td>
</tr>
</tbody>
</table>

Radio hearing aids which operate in these frequency bands may be used indoor and outdoor.
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

Testing should be carried out to ensure compliance with the following specifications as applicable:

EN 300 422-2
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wireless microphones in the 25 MHz to 3 GHz frequency range; Part 2: Harmonized EN under 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 301 489-9
Electromagnetic compatibility and Radio spectrum Matters (ERM) - Electromagnetic Compatibility (EMC) standard for radio equipment and services - Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices.

If no issue or revision number is quoted along with the title of a technical specification, the latest published version should be used.

General

In addition to meeting the above requirements, all equipment must comply with the requirement of CITC specification GEN001, be safe and must not adversely affect other electrical equipment.

Additional requirements

No additional requirements exist for the radio interface of this equipment.

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Status</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue 1</td>
<td></td>
<td>11/03/2006 G</td>
</tr>
<tr>
<td>Issue 2</td>
<td></td>
<td>10/01/2010 G</td>
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</table>

This publication is a translation. In case of divergence; the original Arabic text shall prevail.