CITC Technical Specification

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Specification for Analogue Cordless Telephones, Base Stations and Ancillary Equipment

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

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

This document applies to Analogue Cordless Telephones, Base Stations and Ancillary 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 http://www.citic.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 giving information on frequencies (in MHz) to, cordless analogues telephones, handsets and base stations in the Kingdom:

<table>
<thead>
<tr>
<th>Base station transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>43.720</td>
</tr>
<tr>
<td>43.960</td>
</tr>
<tr>
<td>44.320</td>
</tr>
<tr>
<td>46.610</td>
</tr>
<tr>
<td>46.770</td>
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</table>

<table>
<thead>
<tr>
<th>Handset transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>43.270</td>
</tr>
<tr>
<td>43.960</td>
</tr>
<tr>
<td>44.320</td>
</tr>
<tr>
<td>46.610</td>
</tr>
<tr>
<td>46.770</td>
</tr>
</tbody>
</table>

Each product must use frequencies from at least four frequency groups. The product should use an equal proportion of the use of frequencies from each group.

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:

**EN 301 796**
Electromagnetic compatibility and Radio spectrum Matters (ERM) - Harmonized EN for CT1 and CT1+ cordless telephone equipment covering essential requirements under Article 3(2) of the R&TTE directive.

**EN 301 797**
Electromagnetic compatibility and Radio spectrum Matters (ERM) - Harmonized EN for CT2 cordless telephone equipment covering essential requirements 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 301 489-10
Electromagnetic compatibility and Radio spectrum Matters (ERM) - Electromagnetic Compatibility (EMC) standard for radio equipment and services - Part 10: Specific conditions for First (CT1 and CT1+) and Second Generation Cordless Telephone (CT2) equipment.

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 use of cordless analogue telephones, base stations, handsets and ancillary equipment which complies with the requirements of this specification.

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>
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