

CST Technical Specification

Specification for Analogue Cordless Telephones Equipment

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This technical specification is issued by The Communications, Space and Technology Commission in the Kingdom of Saudi Arabia in accordance with the provisions of the Communications and Information Technology Act issued by Royal Decree No. (M/106) dated 02/11/1443 AH and its bylaw, and the Commission's regulation.

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Document History Table

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Issue 1	March 2006	
Issue 2	January 2010	
Issue 3	July 2021	
Issue 4	October 2023	

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1- Scope

- 1-1 This specification applies to Analogue Cordless Telephones, Base Stations and Ancillary Equipment.

2- Enforcement

- 2-1 This specification shall enter into force from issue date.
- 2-2 Any previous version of this technical specification is withdrawn.

3- General Requirements

- 3-1 All equipment must comply with the requirement of CST specification GEN001, be safe and must not adversely affect other electrical equipment.
- 3-2 All telecommunications and radio terminal equipment must comply with the relevant technical specifications established by CST. In addition, such equipment may be subject to regulations for Declaration of Conformity or registration. Please visit CST website for details.
- 3-3 If more than one interface type is offered by a piece of equipment, each interface must meet the applicable technical specifications.
- 3-4 Further information on the characteristics and presentation of network interfaces can be found by visiting operator's website.
- 3-5 It is mandatory 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.

4- Limits and conditions

4-1 Base stations

Frequencies in MHz

43.720	43.740	43.820	43.840	43.920
43.960	44.120	44.160	44.180	44.200
44.320	44.360	44.400	44.460	44.480
46.610	46.630	46.670	46.670	46.730
46.770	46.830	46.870	46.870	46.970

4-2 Handsets

Frequencies in MHz

43.270	43.740	43.820	43.840	43.920
43.960	44.120	44.160	44.180	44.200
44.320	44.360	44.400	44.460	44.480
46.610	46.630	46.670	46.670	46.730
46.770	46.830	46.870	46.870	46.970

Testing should be carried out to ensure compliance with the listed specifications.

Frequency band	Max Output Power or Magnetic Field	Usage	Standard	Comments
As defined in separate table above	10mW	Cordless phone	EN 301 796 EN 301 489-10	CT1+ devices only
As defined in separate table above	10mW	Cordless phone	EN 301 797 EN 301 489-10	CT2 devices only

5- Licensing Requirements

No license requirements apply.

6- Additional Requirements

There is no additional requirements for this technical specification.

7- References

The following referenced documents are indispensable for the application of this document. If no issue or revision number is quoted along with the title of a technical specification or standard, the latest published version should be used.

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.