



CITC Technical Specification

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Specification for Alarms

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
Obtaining technical standards.....	3
Network information (only for network interfaces)	3
Document history.....	4

Scope

This document applies to Alarms.

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 17/03/2009 G

Frequency of operation

Following table is showing information on frequency bands, maximum output power and applicable specifications:

Frequency band	Maximum Output Power or Magnetic Field	ETSI Standard
868.6000 - 868.7000 MHz	10 mW e.r.p.	EN 300 220
869.2500 - 869.3000 MHz	10 mW e.r.p.	EN 300 220
869.6500 - 869.7000 MHz	25 mW e.r.p.	EN 300 220
869.2000 - 869.2500 MHz	10 mW e.r.p.	EN 300 220
869.3000 - 869.4000 MHz	10 mW e.r.p.	EN 300 220
169.4750 - 169.4875 MHz	10 mW e.r.p.	EN 300 220
169.5875 - 169.6000 MHz	10 mW e.r.p.	EN 300 220

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

EN 300 220-2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN 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 301 489-3

Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz.

General

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

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	Issue 1	10/01/2010 G