



CITC Technical Specification

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Specification for Avalanche Beacons

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

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Scope

This document applies to Avalanche Beacons.

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:

Frequency band	Maximum Output Power or Magnetic Field	ETSI Standard
457 kHz	7 dB μ A/m @10m	EN 300 718

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 300 718-2

Electromagnetic compatibility and Radio spectrum Matters (ERM);
Avalanche Beacons; Transmitter-receiver systems; Part 2: Harmonized EN
covering essential requirements of 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 CITEC specification 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