



CITC Technical Specification

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Specification for Desert Attendees Radio and ancillary equipment (Barary)

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 Desert Attendees Radio and ancillary equipment.

All telecommunications and radio terminal equipment must comply with the relevant National 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.

Where more than one interface type is offered by a piece of equipment, each interface must meet the applicable National Specifications.

Entry into force

This specification shall enter into force on 10/01/2010 G

Frequency of operation

The following frequencies have been allocated for use by Desert Attendees Radio equipment in the Kingdom:

137.0625 MHz; 137.2000 MHz; 137.6375 MHz;
137.6625 MHz; 137.7375 MHz

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:

ETSI EN 300 086-1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Part 1: Technical characteristics and methods of measurement

ETSI EN 300 086-2

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

ETSI 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

ETSI EN 301 489-15

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 15: Specific conditions for commercially available amateur radio equipment

Where 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

It is not required to have a license to operate the Desert Attendees radio equipment. However an approval card must be obtained from the seller before equipment of this type can be used in the Kingdom. This card details the conditions of use and the equipment manufacturer details such as the brand name, model and serial number.

Desert Attendees radio equipment can be used as mobile stations or land stations. The maximum radiated power of a mobile station should not exceed 25 Watt while the maximum radiated power of a land station should not exceed 50 Watt and limited to the use of an omnidirectional antenna with no more than 20 meter above the ground. Please note that the bandwidth is 12.5 kHz.

Obtaining Technical standards

ETSI technical standards may be obtained free of charge for individual use from the ETSI web site. www.etsi.org

Document History

Description	Status	Date
First issue	Issue 1	10/01/2010 G