

## CITC Technical Specification

# Specification for Ground, Sea and Airborne Model Control Equipment

Document Number: RI051  
Revision: Issue 03  
Date: 10/07/2021

Issued by The Communications and Information Technology Commission of Saudi Arabia in accordance with article 84 of the Telecommunications Bylaw.

Communications and Information Technology Commission (CITC)  
P.O Box 75606 – Riyadh 11588 - Kingdom of Saudi Arabia

Telephone: + 966 1 14618000  
Fax: + 966 1 14618120  
E-mail: [info@citc.gov.sa](mailto:info@citc.gov.sa)  
Website: [www.citc.gov.sa](http://www.citc.gov.sa)

# Contents

- Scope ..... 3
- Enforcement ..... 3
- General Requirements ..... 4
- Limits and conditions ..... 4
- Licensing Requirements ..... 5
- Additional Requirements ..... 5
- References ..... 6
- History ..... 7

## Scope

This specification applies to ground, sea and airborne model control equipment.

## Enforcement

This specification shall enter into force on 20/07/2021.

Any previous version of this technical specification is withdrawn.

## General Requirements

- All equipment must comply with the requirement of CITC specification GEN001, be safe and must not adversely affect other electrical 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. Please visit [www.citc.gov.sa](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.
- Further information on the characteristics and presentation of network interfaces can be obtained by coordinating with the mobile network operators.
- 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.

## Limits and conditions

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

Frequency band	Max Output Power or Magnetic Field	Usage	Standard	Comments
26.995, 27.045, 27.095, 27.145, 27.195 MHz	100mW ERP	Model control	EN 300 220-1 EN 300 220-2 EN 301 489-3	
34.995 - 35.225 MHz	100mW ERP	Model control	EN 300 220-1 EN 300 220-2 EN 301 489-3	Airborne equipment only

40.665, 40.675, 40.685, 40.695 MHz	100mW ERP	Model control	EN 300 220-1 EN 300 220-2 EN 301 489-3	
------------------------------------------	-----------	------------------	----------------------------------------------	--

## Licensing Requirements

No licensing requirements apply.

## Additional Requirements

To use these kind of equipment in the Kingdom a coordination with relevant agencies might be required.

## 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 300 220-1

Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement

### EN 300 220-2

Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment

### 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.

## History

For reference, the latest versions of the technical specifications are published on the CITC website [www.citc.gov.sa](http://www.citc.gov.sa).

Description	Status	Date
	Issue 1	11/03/2006
	Issue 2	10/01/2010
	Issue 3	10/07/2021