

RO-IR 08

TECHNICAL REGULATION

for the radio interface

concerning model control devices

Notification number according to Directive (EU) 2015/1535: 2018/399/RO

1. Basic Considerations

Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC was implemented in national legislation by Government Decision No. 740/2016 on making available on the market of radio equipment.

This technical regulation contains the requirements for the use of licence exempt short range devices for the model control in the specified frequency bands and considers especially compliance with the provisions of Article 3 Paragraph 2 and Articles 6, 7 and 8 of Directive 2014/53/EU.

Nothing in this technical regulation shall preclude the need for equipment placed on the market in Romania to comply with Directive 2014/53/EU.

The obligations arising from Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services have been met (OJ L 241, 17.9.2015, p. 1–15).

All Romanian technical regulations for the radio interfaces notified under Directive (EU) 2015/1535 will be published and will be made available on National Authority for Management and Regulation in Communications of Romania (ANCOM) web-site at: http://www.ancom.org.ro/reglementari-interfete_2723.

2. Radio Interface Specifications

Model control devices

Frequency band	Annex
26 990 – 27 000 kHz 27 040 – 27 050 kHz 27 090 – 27 100 kHz 27 140 – 27 150 kHz 27 190 – 27 200 kHz	RO-IR 08–01
34.995 MHz – 35.225 MHz	RO-IR 08–02
40.66 – 40.67 MHz 40.67 – 40.68 MHz 40.68 – 40.69 MHz 40.69 – 40.70 MHz	RO-IR 08–03

For the purpose of this technical regulation, *Short Range Device* (SRD) means radio transmitters which provide either unidirectional or bidirectional communication and which transmit over a short distance at low power.

For the purpose of this technical regulation, *model control devices* are a specific type of radio remote control and telemetry equipment through radio waves that is used to remotely control movement of models (especially miniature vehicles) in the air, on land, on or under the water.

For the purpose of this technical regulation, *non-interference and non-protected basis* means the interdiction that no harmful interference may be caused to any radio communications service and that no claim may be made for protection of these devices against harmful interference originating from radio communications services.

The use of radio spectrum by short range devices is allowed on a non-interference and non-protected basis provided that such devices meet the conditions set out in the Annexes.

3. Document history:

Edition	Changes
Edition 1/2014	Notification number according to Directive 98/34/EC: 2014/604/RO.
Edition 2/2018 (14.11.2018)	Update according to implementing Decision (EU) 2017/1483 amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC: RO-IR 08-01; Update according to ERC/REC 70-03 (version of 22 May 2018): RO-IR 08-02 și RO-IR 08-03; Update of the legal framework according to Point 1 – „Basic considerations” and reference documents (row 13); Formal changes according to TCAM-RSC model of November 2017.

ROMANIA	Radio Interface Specification	SRD / Model control devices	RO-IR 08-01	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Model control devices	
	3	Frequency band	26 990 – 27 000 kHz; 27 040 – 27 050 kHz; 27 090 – 27 100 kHz; 27 140 – 27 150 kHz; 27 190 – 27 200 kHz	<i>Harmonised radio spectrum for use by short range devices (Implementing Decision (EU) 2017/1483 amending Decision 2006/771/EC on the harmonization of radio frequencies spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	10 kHz	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	100 mW effective radiated power (e.r.p.)	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference	EN 300 220-2; Implementing Decision (EU) 2017/1483 amending Decision 2006/771/EC on the harmonization of radio frequencies spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	2018/399/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Model control devices	RO-IR 08-02	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Model control devices	To be used only for airplane control
	3	Frequency band	34.995 MHz – 35.225 MHz	
	4	Channeling (channel distribution)	10 kHz	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference	EN 300 220-2; ERC/DEC/(01)11; ERC/REC 70-03	
	14	Notification number	2018/399/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Model control devices	RO-IR 08-03	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Model control devices	
	3	Frequency band	40.66 – 40.67 MHz; 40.67 – 40.68 MHz; 40.68 – 40.69 MHz; 40.69 – 40.70 MHz	
	4	Channeling (channel distribution)	10 kHz	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	100 mW e.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference	EN 300 220-2; ERC/DEC/(01)12; ERC/REC 70-03	
	14	Notification number	2018/399/RO	
	15	Remarks	-	

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