

RO-IR 15

TECHNICAL REGULATION

for the radio interface

concerning Private Mobile Radio Communications - PMR 446 equipment

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 necessary requirements for the use of licence exempt radio equipment that are intended for Private Mobile Radio communications in 446 – 446.2 MHz (PMR 446) frequency band 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

Private Mobile Radio communications - PMR 446

Frequency band	Annex
446 – 446.2 MHz	RO-IR 15

For the purpose of this technical regulation, equipment that are intended for Private Mobile Radio communications (PMR 446) are hand-held (not used as a base station or repeater) and uses integrated antennas only to maximize sharing and minimize interference. The PMR 446 works in person-to-person mode with short range and can not be used as part of an electronic communications network or as a repeater.

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 the equipment that are intended for Private Mobile Radio (PMR 446) in 446 – 446.2 MHz frequency band is allowed on a non-interference and non-protected basis provided that such devices meet the conditions set out in the Annex.

3. Document history:

Edition	Changes
Edition 1/ 2011	Notification number according to Directive 98/34/EC: 2011/99/RO.
Edition 2/ 2018 (18.10.2018)	<p>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:</p> <ul style="list-style-type: none">- Title change- Specifications update for radio interface. <p>Update of the legal framework according to Point 1 – „Basic considerations“ and reference documents (row 13).</p> <p>Update according to the list of Class 1 radio equipment subclasses (January 2018 version) published according to Article 1 Paragraph (3) of Commission Decision 2000/299/EC (http://ec.europa.eu/docsroom/documents/26843);</p> <p>Formal changes according to TCAM-RSC model of November 2017.</p>

ROMANIA	Radio Interface Specification	Private Mobile Radio communications PMR 446	RO-IR 15	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Private Mobile Radio Communications - PMR 446	
	3	Frequency band	446 – 446.2 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU 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	Channelling (channel distribution)	6.25 kHz / 12.5 kHz	
	5	Modulation / Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	Max. 500 mW effective radiated power (e.r.p.)	<i>The equipment shall use only integrated antenna</i>
	8	Channel access and occupation rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in the harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Frequency planning assumptions	-	
Informative Part	12	Planned changes	-	
	13	Reference	EN 303 405; Decision 2017/1483/EU 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; ECC/DEC/(15)05; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1