

## **RO-IR 16**

### **TECHNICAL REGULATION**

**for the radio interface**

**concerning DECT (Digital European Cordless Telecommunications) 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, with subsequent amendments and completions.

This technical regulation contains the requirements for the license exempted radio spectrum usage by DECT equipment and considers compliance, especially with the provisions of Article 3 Paragraph 2, and Articles 6-8 of Directive 2014/53 /EU.

This technical regulation does not exclude the obligation that the radio equipment placed on the market or made available on the market in Romania shall comply with the 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 are met by this regulation (OJ L 241, 17.9.2015, pages 1–15).

All Romanian technical regulations for the radio interfaces notified under Directive (EU) 2015/1535 shall be published and made available on National Authority for Management and Regulation in Communications (ANCOM) web-site at: <http://www.ancom.ro/reglementari-interfete> 2723

## 2. Radio Interface Specifications

### DECT (Digital European Cordless Telecommunications)

Frequency band	Annex
1 880 – 1 900 MHz	RO-IR 16

The use of radio spectrum by DECT equipment is allowed provided that such equipment shall meet the conditions set out in the Annex below.

## 3. Document history:

Edition	Changes
Edition 1/2011	Notification number according to Directive 98/34/EC: 2011/100/RO.
Edition 2/2018 (06.08.2018)	Update of the legal framework according to Point 1 – „Basic considerations”; 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 ( <a href="http://ec.europa.eu/docsroom/documents/26843">http://ec.europa.eu/docsroom/documents/26843</a> ); Formal changes according to TCAM-RSC pattern of November 2017.
Edition 3/2020 (23.12.2020)	Update of the legal framework according to Point 1 – „Basic considerations”.

ROMANIA	Radio Interface Specification	DECT (Digital European Cordless Telecommunications)	RO-IR 16	Edition 3/2020
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	Nr	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	DECT	<i>User terminal equipment</i>
	3	Frequency band	1 880 – 1 900 MHz	
	4	Channeling (channel distribution)	1 728 kHz	
	5	Modulation/Occupied bandwidth	See EN 301 406	
	6	Direction/Separation	TDD	<i>See EN 301 406</i>
	7	Transmit power / Power density	250 mW peak effective radiated power (e.r.p.) (peak power over time-slot)	<i>Type of antenna: integrated or dedicated</i>
	8	Channel occupation and access rules	Instant Dynamic Channels Selection	<i>See EN 301 406</i>
	9	Authorization regime	License 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 301 406; Council Directive 91/287/EEC	
	14	Notification number	-	
	15	Remarks	-	

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