

## **RO-IR SRD-08**

### **TECHNICAL REGULATION**

**for the radio interface**

**concerning devices for inductive applications**

**(previous codification RO-IR 09)**

## 1. Basic Considerations

Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonization 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 license-exempt use of radio spectrum by devices for inductive applications in the specified frequency bands and considers compliance, especially, with the provisions of Article 3 Paragraph 2 and Articles 6-8 of Directive 2014/53/EU.

Nothing in this technical regulation shall preclude the obligation for radio equipment placed on the market or made available 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 are met in this regulation (OJ L 241, 17.9.2015, p. 1–15).

All the Romanian technical regulations for the radio interfaces notified under Directive (EU) 2015/1535 shall be published and shall be made available on National Authority for Management and Regulation in Communications (ANCOM) website at: [http://www.ancom.ro/reglementari-interfete\\_2723](http://www.ancom.ro/reglementari-interfete_2723).

## 2. Radio Interface Specifications

### Devices for inductive applications

Frequency band	Annex
100 Hz – 9 kHz	RO-IR SRD-08-01
9 – 59.75 kHz	RO-IR SRD-08-02
59.75 – 60.25 kHz	RO-IR SRD-08-03
60.25 – 74.75 kHz	RO-IR SRD-08-04
74.75 – 75.25 kHz	RO-IR SRD-08-05
75.25 – 77.25 kHz	RO-IR SRD-08-06
77.25 – 77.75 kHz	RO-IR SRD-08-07
77.75 – 90 kHz	RO-IR SRD-08-08
90 – 119 kHz	RO-IR SRD-08-09
119 – 128.6 kHz	RO-IR SRD-08-10
128.6 – 129.6 kHz	RO-IR SRD-08-11
129.6 – 135 kHz	RO-IR SRD-08-12
135 – 140 kHz	RO-IR SRD-08-13
140 – 148.5 kHz	RO-IR SRD-08-14
148.5 – 5 000 kHz	RO-IR SRD-08-15
3 155 – 3 400 kHz	RO-IR SRD-08-16
5 000 – 30 000 kHz	RO-IR SRD-08-17
6 765 – 6 795 kHz	RO-IR SRD-08-18

7 400 – 8 800 kHz	RO-IR SRD-08–19
10 200 – 11 000 kHz	RO-IR SRD-08–20
13 553 – 13 567 kHz	RO-IR SRD-08–21

For the purpose of this technical regulation, a *proximity radio device (short-range device - SRD)* means a radio device which provides either unidirectional or bidirectional communication, and which receives and/or transmits signals over a short distance and at low power.

The *category of devices for inductive applications* covers radio devices that use magnetic fields with inductive loop systems for near field communications and determination applications. This typically includes devices for car immobilisation, animal identification, alarm systems, cable detection, waste management, personal identification, wireless voice links, access control, proximity and metal sensors, anti-theft systems as well as RF anti-theft induction systems, data transfer to hand-held devices, automatic article identification, wireless control systems and automatic road tolling.

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

The use of radio spectrum by short-range devices is permitted on a non-interference and non-protected basis provided that such equipment meets the conditions set out in the Annex.

### 3. Document History:

<b>Edition</b>	<b>Changes</b>
Edition 1/2014	Notification number according to Directive 98/34/EC: 2014/605/RO.
Edition 2/2018 (06.08.2018)	Update according to Commission Implementing Decision (EU) 2017/1483 amending Decision 2006/771/EC on harmonization of the radio spectrum for use by short-range devices and repealing Decision 2006/804/EC: <ul style="list-style-type: none"> <li>• RO-IR 09-21 (frequency band 26957–27283 kHz) has been abandoned)</li> </ul> Update of the legal framework according to Point 1 – „Basic considerations“ and reference documents (line 13); Formal changes according to TCAM-RSC model of November 2017.
Edition 3/2020 (23.12.2020)	Update according to Commission Implementing Decision (EU) 2019/1345 amending Decision 2006/771/EC updating harmonized technical conditions in the area of radio spectrum use for short-range devices: <ul style="list-style-type: none"> <li>• Introduction/update of some definitions and terms.</li> </ul> Update according to the list of Class 1 radio equipment subclasses (version of January 2020) published according to Article 1 Paragraph (3) of Commission Decision 2000/299/EC ( <a href="https://ec.europa.eu/docsroom/documents/40361">https://ec.europa.eu/docsroom/documents/40361</a> ).

Edition	Changes
Edition 4/2021 (04.10.2021)	<p>Update according to ERC/REC 70-03 (version of 12 February 2021):</p> <ul style="list-style-type: none"> <li>• The 100 Hz – 9 kHz frequency band has been introduced (RO-IR SRD-08-01);</li> <li>• The rest of the technical specifications has been renumbered.</li> </ul> <p>Title change according to no 248/2021 amending and completing the Decision of the President of the National Authority for Management and Regulation in Communications of Romania no. 311/2016 on license exempt radio frequencies or radio frequency bands.</p> <p>Notification number according to Directive (EU) 2015/1535: 2021/350/RO.</p>
Edition 5/2022 (11.10.2022)	<p>Update according to Commission Implementing Decision (EU) 2022/180 amending Decision 2006/771/EC to update the technical requirements for radio spectrum use by short-range devices (SRDs)</p> <ul style="list-style-type: none"> <li>• Update of reference documents (line 13) and definitions point 2.</li> </ul>
Edition 6/2025 (22.12.2025)	<p>Update according to Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union.</p>

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-01	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	100 Hz – 9 kHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	82 dB $\mu$ A/m at 10 m. Antenna size < 1/20 $\lambda$ .	<i>The antenna size is described by the distance between those two points on the antenna that have the largest distance between them (e.g. for a rectangle shaped antenna the largest diagonal; for a circular shaped antenna the diameter).</i>
	8	Channel occupation and access rules	-	
	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 303 447; EN 303 454; ERC/REC 70-03	
	14	Notification number	2021/350/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-02	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	9 – 59.75 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	72 dBμA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-03	Edition 5/2022
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	59.75 – 60.25 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	42 dBμA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-04	Edition 6 / 2025
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	No	Parameter	Description	Comments
Normative Part	1	<b>Radiocommunication Service</b>	Mobile	
	2	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	3	<b>Frequency band</b>	60.25 – 74.75 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	<b>Channeling (channel distribution)</b>	-	
	5	<b>Modulation/Occupied bandwidth</b>	-	
	6	<b>Direction/Separation</b>	-	
	7	<b>Transmit power / Power density</b>	72 dBµA/m at 10 meters	
	8	<b>Channel occupation and access rules</b>	-	
	9	<b>Authorization regime</b>	License exemption	
	10	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	11	<b>Assumptions on spectrum planning</b>	-	
Informative Part	12	<b>Planned changes</b>	-	
	13	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	<b>Notification number</b>	-	
	15	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-05	Edition 6/2026
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	74.75 – 75.25 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	42 dBµA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-06	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	75.25 – 77.25 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	72 dBµA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-07</b>	<b>Edition 6/2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	77.25 – 77.75 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	42 dBµA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-08	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	77.75 – 90 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	72 dBµA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-09	Edition 6 / 2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	90 – 119 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	42 dBµA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-10</b>	<b>Edition 6 / 2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	119 – 128.6 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	66 dBμA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-11</b>	<b>Edition 6/2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	128.6 – 129.6 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	42 dBμA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-12	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	129.6 – 135 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	66 dBμA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-13</b>	<b>Edition 6/2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	135 – 140 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	42 dBµA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-14</b>	<b>Edition 6/2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	140 – 148.5 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	37.7 dBμA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-15</b>	<b>Edition 6/2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	148.5 – 5 000 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	– 15 dBµA/m at 10 meters in any bandwidth of 10 kHz. Furthermore, the total field strength is – 5 dBµA/m at 10 m for systems operating in bandwidths larger than 10 kHz	<i>In bands 3 155 – 3 400 kHz higher field strengths and additional usage restrictions apply for inductive applications</i>
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; EN 302 536; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-16	Edition 6/2026
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	3 155 – 3 400 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	13.5 dBμA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-17</b>	<b>Edition 6 / 2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	5 000 – 30 000 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	- 20 dB $\mu$ A/m at 10 meters at 10 meters in any bandwidth of 10 kHz. Furthermore, the total field strength is - 5 dB $\mu$ A/m at 10 m for systems operating at bandwidths larger than 10 kHz	<i>In bands 6 765 – 6 795 kHz, 7 400 – 8 800 kHz, 10 200 – 11 000 kHz, 13 553 – 13 567 kHz and 26 957 – 27 283 kHz higher field strengths and additional usage restrictions apply for inductive applications</i>
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-18</b>	<b>Edition 6/2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	6 765 – 6 795 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	42 dBμA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-19	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	7 400 – 8 800 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	9 dBμA/m at 10 meters	
	8	Channel occupation and access rules	-	
	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 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices for inductive applications</b>	<b>RO-IR SRD-08-20</b>	<b>Edition 6 / 2025</b>
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	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
<b>Normative Part</b>	<b>1</b>	<b>Radiocommunication Service</b>	Mobile	
	<b>2</b>	<b>Application</b>	Proximity radio device (short-range) / Devices for inductive applications	
	<b>3</b>	<b>Frequency band</b>	10 200 – 11 000 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	<b>4</b>	<b>Channeling (channel distribution)</b>	-	
	<b>5</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>6</b>	<b>Direction/Separation</b>	-	
	<b>7</b>	<b>Transmit power / Power density</b>	9 dBµA/m at 10 meters	
	<b>8</b>	<b>Channel occupation and access rules</b>	-	
	<b>9</b>	<b>Authorization regime</b>	License exemption	
	<b>10</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
	<b>11</b>	<b>Assumptions on spectrum planning</b>	-	
<b>Informative Part</b>	<b>12</b>	<b>Planned changes</b>	-	
	<b>13</b>	<b>Reference</b>	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Devices for inductive applications	RO-IR SRD-08-21	Edition 6/2025
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	No	Parameter	Description	Comments
Normative Part	1	Radiocommunication Service	Mobile	
	2	Application	Proximity radio device (short-range) / Devices for inductive applications	
	3	Frequency band	13 553 – 13 567 kHz	<i>Harmonised radio spectrum for use by short-range devices (Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonized technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonized technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	42 dBμA/m at 10 meters	
	8	Channel occupation and access rules	Transmission mask and antenna requirements for all combined frequency segments apply.	<i>Antenna restrictions that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant restrictions are described in harmonised standards or parts thereof the references of which have been published in the Official Journal of the European Union under Directive 2014/53/EU, performance at least equivalent to these restrictions shall be ensured. A transmission mask that provides an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant restrictions are described in harmonised standards or parts thereof the references of which have been published in the Official Journal of the European Union under Directive 2014/53/EU, performance at least equivalent to these restrictions shall be ensured.</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	12	Planned changes	-	
	13	Reference	EN 300 330; Commission Implementing Decision (EU) 2025/105 amending Decision 2006/771/EC updating harmonised technical conditions in the	

	<b>No</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>
			area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1