

## **RO-IR SRD-05**

### **TECHNICAL REGULATION**

#### **for the radio interface**

**concerning devices intended for radiodetermination applications**

**(previous coding RO-IR 06)**

## 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 the devices intended for radiodetermination 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 Intended for Radiodetermination Applications

Frequency band	Annex
100 Hz – 9 kHz	RO-IR SRD-05-01
9 – 148 kHz	RO-IR SRD-05-02
148 – 5000 kHz	RO-IR SRD-05-03
5 – 30 MHz	RO-IR SRD-05-04
30 – 130 MHz	RO-IR SRD-05-05
2400 – 2483.5 MHz	RO-IR SRD-05-06
4500 – 7000 MHz	RO-IR SRD-05-07
6000 – 8500 MHz	RO-IR SRD-05-08
8.5 – 10.6 GHz	RO-IR SRD-05-09
9200 – 9500 MHz	RO-IR SRD-05-10
9500 – 9975 MHz	RO-IR SRD-05-11
10.5 – 10.6 GHz	RO-IR SRD-05-12
13.4 – 14 GHz	RO-IR SRD-05-13
17.1 – 17.3 GHz	RO-IR SRD-05-14
24.05 – 24.25 GHz	RO-IR SRD-05-15
24.05 – 26.5 GHz	RO-IR SRD-05-16
24.05 – 27 GHz	RO-IR SRD-05-17
57 – 64 GHz	RO-IR SRD-05-18a; RO-IR SRD-05-18b

75 – 85 GHz	RO-IR SRD–05–19a; RO-IR SRD–05–19b
69.8 – 79.9 GHz	RO-IR SRD–05–20
76 – 77 GHz	RO-IR SRD–05–21
76.5 – 80.5 GHz	RO-IR SRD–05–22

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. Radiodetermination devices also fall into the category of short-range devices.

For the purpose of this technical regulation, *the radio determination devices category* covers radio devices used for determining the position, velocity and/or other characteristics of an object, or for obtaining information relating to these parameters. Radiodetermination equipment typically conducts measurements to obtain such characteristics. Any kind of point-to-point or point-to-multipoint radio communications is outside of this definition.

For the purpose of this technical regulation, *Ground-based Synthetic Aperture Radar (SAR) systems* are intended for deformation monitoring of terrain and natural or man-made structures, performed by interferometry radar.

For the purpose of this technical regulation, *security scanners* are a specific type of radio determination applications which are used to detect objects carried by a person or on a person's body for security screening purposes without making any physical contact.

For the purpose of this technical regulation, *mean equivalent isotropically radiated power (e.i.r.p.)* means e.i.r.p. during the transmission burst which corresponds to the highest power, if power control is implemented.

For the purpose of this technical regulation, *tank level probing radars (TLPR)* is a specific type of radiodetermination application, which is used for tank level measurements and is installed in metallic or reinforced concrete tanks, or similar structures made of material with comparable attenuation characteristics. The purpose of the tank is to contain a substance.

For the purpose of this technical regulation, *closed Nuclear Magnetic Resonance (NMR) sensors* are devices where the material/object under investigation is put inside the enclosure of the NMR device. NMR techniques use nuclear magnetic resonance excitation and magnetic field strength response of a material/object under test to get information about material properties based on resonance frequency responses of isotopes of atoms. Nuclear magnetic resonance imaging and magnetic resonance tomography systems are not included in this scope.

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:

Edition	Changes
Edition 1/2014	Notification number according to Directive 98/34/EC: 2014/602/RO.
Edition 2/2018 (06.08.2018)	<p>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: RO-IR 06-01 ÷ RO-IR 06-04, RO-IR 06-09, RO-IR 06-11 ÷ RO-IR 06-14b;</p> <p>Update of the legal framework according to Point 1 – „Basic considerations” and reference documents (line 13);</p> <p>Formal changes according to TCAM-RSC model of November 2017.</p>
Edition 3/2020 (23.12.2020)	<p>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:</p> <ul style="list-style-type: none"> <li>• Introduction/update of some definitions and terms.</li> </ul> <p>Update of the legal framework according to Point 1 – „Basic considerations” and reference documents (line 13).</p>
Edition 4/2022 (11.10.2022)	<p>Update according to Commission Implementing Decision (EU) 2022/180 amending Decision 2006/771/EC as regards the update of harmonized technical conditions in the area of radio spectrum use for short-range devices:</p> <ul style="list-style-type: none"> <li>• Update of reference documents (line 13) and definitions point 2.</li> </ul>
Edition 5/2024 (19.12.2024)	<p>Update according to Commission Implementing Decision (EU) 2022/180 amending Decision 2006/771/EC as regards the update of harmonized technical conditions in the area of radio spectrum use for short-range devices:</p> <ul style="list-style-type: none"> <li>• Four new harmonized frequency bands (9 – 148 kHz, 148 – 5000 kHz, 5 – 30 MHz and 30 – 130 MHz) for Nuclear Magnetic Resonance (NMR) applications have been introduced;</li> <li>• Definition of RMN sensors has been introduced;</li> <li>• Reference documents (line 13).</li> </ul> <p>Update in accordance with ERC Recommendation 70-03 on the use of short-range devices (ERC/REC 70-03):</p> <ul style="list-style-type: none"> <li>• Introduction of a new non-harmonized frequency band: 100 Hz – 9 kHz.</li> </ul> <p>Notification number according to Directive (EU) 2015/1535: 2024/0435/RO</p> <p>Renumbering Annexes.</p>

Edition	Changes
<p>Edition 6/2025 (22.12.2025)</p>	<p>Update according to 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:</p> <ul style="list-style-type: none"> <li>• Introduction of three new harmonised frequency bands (69.8 – 79.9 GHz, 76 – 77 GHz and 76.5 – 80.5 GHz) for indoor-operated security scanners and ground-based Synthetic Aperture Radar (SAR) systems;</li> <li>• Introduction of the definition of ground-based Synthetic Aperture Radar (SAR) systems;</li> <li>• Introduction of the definition of security scanners;</li> <li>• Reference documents (line 13).</li> </ul> <p>Update in accordance with ERC Recommendation ERC 70-03 on the use of proximity radio devices (short-range devices) (ERC/REC 70-03):</p> <ul style="list-style-type: none"> <li>• ETSI standards.</li> </ul>

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-01</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 intended for radiodetermination applications (Nuclear Magnetic Resonance — NMR)	<i>For enclosed Nuclear Magnetic Resonance (NMR) applications</i>
	<b>3</b>	<b>Frequency band</b>	100 Hz – 9 kHz	
	<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>	46 dBμA/m at 10 metres at a reference of 100 Hz, outside the Nuclear Magnetic Resonance (NMR) device. Magnetic field strength descending 10 dB/decade above 100 Hz.	
	<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>	ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-02</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 intended for radiodetermination applications (Nuclear Magnetic Resonance — NMR)	<i>For enclosed Nuclear Magnetic Resonance (NMR) applications</i>
	<b>3</b>	<b>Frequency band</b>	9 – 148 kHz	<i>Harmonized 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>
	<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>	46 dBµA/m at 10 metres at a reference of 100 Hz, outside the Nuclear Magnetic Resonance (NMR) device.  Magnetic field strength descending 10 dB/decade above 100 Hz.	
	<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>	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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-03</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 intended for radiodetermination applications (Nuclear Magnetic Resonance — NMR)	<i>For enclosed Nuclear Magnetic Resonance (NMR) applications</i>
	<b>3</b>	<b>Frequency band</b>	148 – 5000 kHz	<i>Harmonized 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>
	<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 metres, outside the Nuclear Magnetic Resonance (NMR) device	
	<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>	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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-04</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>Serviciu de radiocomunicații</b>	Mobile	
	<b>2</b>	<b>Radiocommunication Service</b>	Proximity radio device (short-range) / Devices intended for radiodetermination applications (Nuclear Magnetic Resonance — NMR)	<i>For enclosed Nuclear Magnetic Resonance (NMR) applications</i>
	<b>3</b>	<b>Application</b>	5 – 30 MHz	<i>Harmonized 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>
	<b>4</b>	<b>Frequency band</b>	-	
	<b>5</b>	<b>Channeling (channel distribution)</b>	-	
	<b>6</b>	<b>Modulation/Occupied bandwidth</b>	-	
	<b>7</b>	<b>Direction/Separation</b>	- 5 dBμA/m at 10 metres, outside the Nuclear Magnetic Resonance (NMR) device	
	<b>8</b>	<b>Transmit power / Power density</b>	-	
	<b>9</b>	<b>Channel occupation and access rules</b>	License exemption	
	<b>10</b>	<b>Authorization regime</b>	-	
	<b>11</b>	<b>Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)</b>	-	
<b>Informative part</b>	<b>12</b>	<b>Assumptions on spectrum planning</b>	-	
	<b>13</b>	<b>Planned changes</b>	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; ERC/REC 70-03	
	<b>14</b>	<b>Reference</b>	2024/0435/RO	
	<b>15</b>	<b>Notification number</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-05</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 intended for radiodetermination applications (Nuclear Magnetic Resonance — NMR)	<i>For enclosed Nuclear Magnetic Resonance (NMR) applications</i>
	<b>3</b>	<b>Frequency band</b>	30 – 130 MHz	<i>Harmonized 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>
	<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>	- 36 dBm e.r.p. outside the Nuclear Magnetic Resonance (NMR) device.	
	<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>	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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-06</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 intended for radiodetermination applications	
	<b>3</b>	<b>Frequency band</b>	2400 – 2483.5 MHz	<i>Harmonized 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>
	<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>	25 mW equivalent isotropic radiated power (e.i.r.p.)	
	<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 300 440; 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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

ROMANIA		Radio Interface Specification	SRD / Devices Intended for Radiodetermination Applications	RO-IR SRD-05-07	Edition 6/2025
Normative Part	<b>No.</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>	
	1	<b>Radiocommunication Service</b>	Mobile		
	2	<b>Application</b>	Proximity radio device (short-range) / Devices intended for radiodetermination applications	<i>This set of usage conditions is only available for tank level probing radar (TLPR)</i>	
	3	<b>Frequency band</b>	4500 – 7000 MHz	<i>Harmonized 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	<b>Channeling (channel distribution)</b>	-		
	5	<b>Modulation/Occupied bandwidth</b>	-		
	6	<b>Direction/Separation</b>	-		
	7	<b>Transmit power / Power density</b>	24 dBm e.i.r.p.	<i>The power limit applies inside a closed tank and corresponds to a spectral density of –41,3 dBm/MHz e.i.r.p. outside a 500 litre test tank.</i>	
	8	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>	
	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 302 372; 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; ERC/REC 70-03		
	14	<b>Notification number</b>	2024/0435/RO		
	15	<b>Remarks</b>	-		

ROMANIA	Radio Interface Specification	SRD / Devices Intended for Radiodetermination Applications	RO-IR SRD-05-08	Edition 6/2025
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	No.	Parameter	Description	Comments
<b>Normative Part</b>	1	<b>Radiocommunication Service</b>	Mobile	
	2	<b>Application</b>	Proximity radio device (short-range) / Devices intended for radiodetermination applications	<i>This set of usage conditions is only available for Level Probing Radar (LPR). Exclusion zones around radio astronomy sites shall apply.</i>
	3	<b>Frequency band</b>	6000 – 8500 MHz	<i>Harmonized 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	<b>Channeling (channel distribution)</b>	-	
	5	<b>Modulation/Occupied bandwidth</b>	-	
	6	<b>Direction/Separation</b>	-	
	7	<b>Transmit power / Power density</b>	7 dBm/50 MHz peak e.i.r.p. and – 33 dBm/MHz mean e.i.r.p.	
	8	<b>Channel occupation and access rules</b>	Automatic power control and antenna requirements as well as requirements on techniques to access spectrum and mitigate interference apply	<p>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</p> <p><i>Antenna requirements</i> that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</p> <p><i>Automatic power control</i> that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</p>
	9	<b>Authorization regime</b>	Licence exemption	

	No.	Parameter	Description	Comments
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
<b>Informative part</b>	12	Planned changes	-	
	13	Reference	EN 302 729; 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; ERC/REC 70-03; ECC/DEC/(11)02	
	14	Notification number	2024/0435/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-09</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for Tank Level Probing Radar (TLPR).</i>
	<b>3</b>	<b>Frequency band</b>	8.5 – 10.6 GHz	<i>Harmonized 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>
	<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>	30 dBm e.i.r.p.	<i>The power limit applies inside a closed tank and corresponds to a spectral density of -41,3 dBm/MHz e.i.r.p. outside a 500 litre test tank.</i>
	<b>8</b>	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>
	<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 302 372; 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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-10</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 intended for radiodetermination applications	
	<b>3</b>	<b>Frequency band</b>	9200 – 9500 MHz	
	<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>	25 mW e.i.r.p.	
	<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 300 440; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-11</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 intended for radiodetermination applications	
	<b>3</b>	<b>Frequency band</b>	9500 – 9975 MHz	
	<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>	25 mW e.i.r.p.	
	<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 300 440; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-12</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 intended for radiodetermination applications	
	<b>3</b>	<b>Frequency band</b>	10.5 – 10.6 GHz	
	<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>	500 mW e.i.r.p.	
	<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 300 440; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-13</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 intended for radiodetermination applications	
	<b>3</b>	<b>Frequency band</b>	13.4 – 14 GHz	
	<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>	25 mW e.i.r.p.	
	<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 300 440; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-14</b>	<b>Edition 6/2024</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for ground-based SAR systems.</i>
	<b>3</b>	<b>Frequency band</b>	17.1 – 17.3 GHz	<i>Harmonized 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>
	<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>	26 dBm e.i.r.p.	
	<b>8</b>	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>
	<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 303 661; 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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-15</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 intended for radiodetermination applications	
	<b>3</b>	<b>Frequency band</b>	24.05 – 24.25 GHz	
	<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>	100 mW e.i.r.p.	
	<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 300 440; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-16</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for Level Probing Radar (LPR) Exclusion zones around radio astronomy sites shall apply.</i>
	<b>3</b>	<b>Frequency band</b>	24.05 – 26.5 GHz	<i>Harmonized 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>
	<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>	26 dBm/50 MHz peak e.i.r.p. and – 14 dBm/MHz mean e.i.r.p.	
	<b>8</b>	<b>Channel occupation and access rules</b>	Automatic power control and antenna requirements as well as requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.  Antenna requirements that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.  Automatic power control that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques are described in harmonised standards or parts thereof the references</i>

				<i>of which have been published in the Official Journal of the European Union under Directive 2014/53/EU, performance at least equivalent to these techniques shall be ensured.</i>
	<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 302 729; 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; ERC/REC 70-03; ECC/DEC/(11)02	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-17</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for tank level probing radar (TLPR)</i>
	<b>3</b>	<b>Frequency band</b>	24.05 – 27 GHz	<i>Harmonized 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>
	<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>	43 dBm e.i.r.p.	<i>The power limit applies inside a closed tank and corresponds to a spectral density of –41,3 dBm/MHz e.i.r.p. outside a 500 litre test tank.</i>
	<b>8</b>	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>
	<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 302 372; 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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-18a</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for tank level probing radar (TLPR)</i>
	<b>3</b>	<b>Frequency band</b>	57 – 64 GHz	<i>Harmonized 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>
	<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>	43 dBm e.i.r.p.	<i>The power limit applies inside a closed tank and corresponds to a spectral density of –41,3 dBm/MHz e.i.r.p. outside a 500 litre test tank.</i>
	<b>8</b>	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>
	<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 302 372; 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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-18b</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for level probing radar (LPR)</i>
	<b>3</b>	<b>Frequency band</b>	57 – 64 GHz	<i>Harmonized 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>
	<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>	35 dBm/50 MHz peak e.i.r.p. and – 2 dBm/MHz mean e.i.r.p	
	<b>8</b>	<b>Channel occupation and access rules</b>	Automatic power control and antenna requirements, as well as requirements on techniques to access radio spectrum and mitigate interference apply	<p><i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i></p> <p><i>Antenna requirements that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i></p> <p><i>Automatic power control that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i></p>

	<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 302 729; 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; ERC/REC 70-03; ECC/DEC/(11)02	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-19a</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for tank level probing radar (TLPR)</i>
	<b>3</b>	<b>Frequency band</b>	75 – 85 GHz	<i>Harmonized 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>
	<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>	43 dBm e.i.r.p.	<i>The power limit applies inside a closed tank and corresponds to a spectral density of –41,3 dBm/MHz e.i.r.p. outside a 500 litre test tank.</i>
	<b>8</b>	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>
	<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 302 372; 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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	2024/0435/RO	
	<b>15</b>	<b>Remarks</b>	-	

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-19b</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for Level Probing Radar (LPR) Exclusion zones around radio astronomy sites shall apply.</i>
	<b>3</b>	<b>Frequency band</b>	75 – 85 GHz	<i>Harmonized 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>
	<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>	34 dBm/50 MHz peak e.i.r.p. and – 3 dBm/MHz mean e.i.r.p	
	<b>8</b>	<b>Channel occupation and access rules</b>	Automatic power control and antenna requirements, as well as requirements on techniques to access radio spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.  Antenna requirements that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.  Automatic power control that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques are described in harmonised standards or parts thereof the references of which have been published in the Official Journal of the</i>

	No.	Parameter	Description	Comments
				<i>European Union under Directive 2014/53/EU, performance at least equivalent to these techniques shall be ensured.</i>
	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>	-	
<b>Informative part</b>	12	<b>Planned changes</b>	-	
	13	<b>Reference</b>	EN 302 729; 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; ERC/REC 70-03; ECC/DEC/(11)02	
	14	<b>Notification number</b>	2024/0435/RO	
	15	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-20</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 intended for radiodetermination applications	<i>This set of usage conditions is available for security scanners operated indoors.</i>
	<b>3</b>	<b>Frequency band</b>	69.8 – 79.9 GHz	<i>Harmonized 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>
	<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>	7 dBm e.i.r.p.	
	<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>	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; 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 Intended for Radiodetermination Applications	RO-IR SRD-05-21	Edition 6/2025
<b>Normative Part</b>	<b>No.</b>	<b>Parameter</b>	<b>Description</b>	<b>Comments</b>	
	1	<b>Radiocommunication Service</b>	Mobile		
	2	<b>Application</b>	Proximity radio device (short-range) / Devices intended for radiodetermination applications	<i>This set of usage conditions is only available for ground-based SAR system. Exclusion zones around radio astronomy sites shall apply.</i>	
	3	<b>Frequency band</b>	76 – 77 GHz	<i>Harmonized 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	<b>Channeling (channel distribution)</b>	-		
	5	<b>Modulation/Occupied bandwidth</b>	-		
	6	<b>Direction/Separation</b>	-		
	7	<b>Transmit power / Power density</b>	48 dBm mean e.i.r.p. and 18 dBm/MHz mean e.i.r.p. density		
	8	<b>Channel occupation and access rules</b>	Requirements on techniques to access spectrum and mitigate interference apply	<i>Techniques to access spectrum and mitigate interference that provide an appropriate level of performance to comply with the essential requirements of Directive 2014/53/EU shall be used. If relevant techniques 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 techniques shall be ensured.</i>	
	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>	-			
<b>Informative part</b>	12	<b>Planned changes</b>	-		
	13	<b>Reference</b>	EN 303 661; 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; ECC/DEC/(21)02; ERC/REC 70-03		
	14	<b>Notification number</b>	-		
	15	<b>Remarks</b>	-		

F1- RTIR Edition:1; Revision:1

<b>ROMANIA</b>	<b>Radio Interface Specification</b>	<b>SRD / Devices Intended for Radiodetermination Applications</b>	<b>RO-IR SRD-05-22</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 intended for radiodetermination applications	<i>This set of usage conditions is only available for security scanners operated indoors.</i>
	<b>3</b>	<b>Frequency band</b>	76.5 – 80.5 GHz	<i>Harmonized 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>
	<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>	19 dBm peak e.i.r.p.	<i>At least 23 dB out-of-band attenuation relative to the maximum allowed peak e.i.r.p. is required.</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>	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; ERC/REC 70-03	
	<b>14</b>	<b>Notification number</b>	-	
	<b>15</b>	<b>Remarks</b>	-	

F1- RTIR Edition:1; Revision:1