

RO-IR 06

TECHNICAL REGULATION

for the radio interface

concerning radio determination devices

1. Basic considerations

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

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

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

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

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

2. Radio Interface Specifications

Radiodetermination applications

Frequency band	Annex
2400 – 2483.5 MHz	RO-IR 06–01
4500 – 7000 MHz	RO-IR 06–02
6000 – 8500 MHz	RO-IR 06–03
8500 – 10.600 MHz	RO-IR 06–04
9200 – 9500 MHz	RO-IR 06–05
9500 – 9975 MHz	RO-IR 06–06
10.5 – 10.6 GHz	RO-IR 06–07
13.4 – 14 GHz	RO-IR 06–08
17.1 – 17.3 GHz	RO-IR 06–09
24.05 – 24.25 GHz	RO-IR 06–10
24.05 – 26.5 GHz	RO-IR 06–11
24.05 – 27 GHz	RO-IR 06–12
57 – 64 GHz	RO-IR 06–13a; RO-IR 06–13b
75 – 85 GHz	RO-IR 06–14a; RO-IR 06–14b

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

For the purpose of this technical regulation, *the radio determination device category* covers radio devices that are used for determining the position, velocity and/or other characteristics of an object, or for obtaining information relating to such parameters. Typical uses of the radio determination devices are measurement applications in order to obtain these characteristics. Any types of point-to-point or point-to-multipoint radio communications are excluded from this definition.

For the purpose of this technical regulation, *Tank Level Probing Radar (TLPR)* is a specific type of radio determination application. The tank radars are installed in metallic tanks of reinforced concrete or similar structures made of material with comparable attenuation characteristics and are used for level measurements of some substances that are contained in those tanks.

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

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

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)	Update according to implementing Decision (EU) 2017/1483 amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC: RO-IR 06-01 ÷ RO-IR 06-04, RO-IR 06-09, RO-IR 06-11 ÷ RO-IR 06-14b; Update of the legal framework according to Point 1 – „Basic considerations” and reference documents (row 13); Formal changes according to TCAM-RSC model of November 2017.

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-01	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	
	3	Frequency band	2400 – 2483.5 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	25 mW equivalent isotropic radiated power (e.i.r.p.)	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/DEC/(01)08; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-02	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions is only available to tank level probing radar transducers (TLPR)</i>
	3	Frequency band	4500 – 7000 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	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 the enclosed test tank structure of 500 l.</i>
	8	Channel occupation and access rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 372; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-03	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions is only available to level probing radar transducers (LPR). Established exclusion zones around radio astronomy sites shall be obeyed.</i>
	3	Frequency band	6000 – 8500 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	7 dBm/50 MHz peak e.i.r.p. and – 33 dBm/MHz mean e.i.r.p.	
	8	Channel occupation and access rules	Automatic power control and antenna requirements as well as techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 729; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03; ECC/DEC/(11)02	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-04	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions applies to tank level radar transducers only (TLPR)</i>
	3	Frequency band	8500 – 10.600 MHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	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 the enclosed test tank structure of 500 l.</i>
	8	Channel occupation and access rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 372; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-05	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices Short range radar, motion and alert detection applications	
	3	Frequency band	9200 – 9500 MHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	25 mW e.i.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; ERC/REC 70-03	
	14	Notification number	2014/602/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-06	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices Short range radar, motion and alert detection applications	
	3	Frequency band	9500 – 9975 MHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	25 mW e.i.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; ERC/REC 70-03	
	14	Notification number	2014/602/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-07	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices Short range radar, motion and alert detection applications	
	3	Frequency band	10.5 – 10.6 GHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	500 mW e.i.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; ERC/REC 70-03	
	14	Notification number	2014/602/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-08	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices Short range radar, motion and alert detection applications	
	3	Frequency band	13.4 – 14 GHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	25 mW e.i.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; ERC/REC 70-03	
	14	Notification number	2014/602/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-09	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions applies to terrestrial systems only.</i>
	3	Frequency band	17.1 – 17.3 GHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	26 dBm e.i.r.p.	
	8	Channel occupation and access rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-10	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices Short range radar, motion and alert detection applications	
	3	Frequency band	24.05 – 24.25 GHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	100 mW e.i.r.p.	
	8	Channel occupation and access rules	-	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 300 440; ERC/REC 70-03	
	14	Notification number	2014/602/RO	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-11	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions is only available to level probing radar transducers (LPR). Established exclusion zones around radio astronomy sites shall be obeyed.</i>
	3	Frequency band	24.05 – 26.5 GHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	26 dBm/50 MHz peak e.i.r.p. and – 14 dBm/MHz mean e.i.r.p.	
	8	Channel occupation and access rules	Automatic power control and antenna requirements as well as techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 729; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03; ECC/DEC/(11)02	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-12	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions applies to tank level radar transducers only (TLPR)</i>
	3	Frequency band	24.05 – 27 GHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	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 the enclosed test tank structure of 500 l.</i>
	8	Channel occupation and access rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 372; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-13a	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions applies to tank level radar transducers only (TLPR)</i>
	3	Frequency band	57 – 64 GHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	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 the enclosed test tank structure of 500 l.</i>
	8	Channel occupation and access rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 372; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-13b	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions is only available to level probing radar transducers (LPR)</i>
	3	Frequency band	57 – 64 GHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	35 dBm/50 MHz peak e.i.r.p. and – 2 dBm/MHz mean e.i.r.p.	
	8	Channel occupation and access rules	Automatic power control and antenna requirements as well as techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 729; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03; ECC/DEC/(11)02	
	14	Notification number	-	
	15	Remarks	-	

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-14a	Edition 2/2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions applies to tank level radar transducers only (TLPR)</i>
	3	Frequency band	75 – 85 GHz	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	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 the enclosed test tank structure of 500 l.</i>
	8	Channel occupation and access rules	Techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 372; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1

ROMANIA	Radio Interface Specification	SRD / Radio determination devices	RO-IR 06-14b	Edition 2/ 2018
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	Nr	Parameter	Description	Comments
Normative part	1	Radiocommunication Service	Mobile	
	2	Application	Short Range Devices / Radio determination devices	<i>This set of usage conditions is only available to level probing radar transducers only (LPR). Established exclusion zones around radio astronomy sites shall be obeyed.</i>
	3	Frequency band	75 – 85 GH	<i>Harmonised radio spectrum for use by short-range devices (Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC)</i>
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Transmit power / Power density	34 dBm/50 MHz peak e.i.r.p. and – 3 dBm/MHz mean e.i.r.p.	
	8	Channel occupation and access rules	Automatic power control and antenna requirements as well as techniques to access spectrum and mitigate interference that provide at least equivalent performance to the techniques described in harmonised standards adopted under Directive 2014/53/EU shall be used.	
	9	Authorisation regime	Licence exemption	
	10	Additional essential requirements (According to Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Assumptions on spectrum planning	-	
Informative part	12	Planned changes	-	
	13	Reference	EN 302 729; Decision 2017/1483/EU amending Decision 2006/771/EC on harmonizing the radio spectrum for the use of short range devices and repealing Decision 2006/804/EC; ERC/REC 70-03; ECC/DEC/(11)02	
	14	Notification number	-	
	15	Remarks	-	

F1- RTIR Edition:1; Revision:1