

RO-IR AT-01

TECHNICAL REGULATIONS

for the radio interface

**on radio equipment operating in the transmission or
transmission/reception mode in bands assigned to the amateur service**

Notification number according to Directive (EU) 2015/1535: 2021/859/RO

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 transposed into national law by Government Decision no. 740/2016 on the making available on the market of radio equipment, with subsequent amendments and completions.

This technical regulation contains the requirements for the use exempted from licensing of radio spectrum for radio-terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communications network, in bands assigned to the amateur service, and considers, especially, compliance with the provisions of Article 3 Paragraph 2 and Articles 6 to 8 of Directive 2014/53/EU.

This technical regulation does not exclude the obligation for radio equipment placed or made available on the Romanian market to comply with the Government Decision no. 740/2016 on making available on the market of radio equipment.

This regulation fulfilled the obligations arising from Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 on the procedure for the provision of information in the field of technical regulations and rules on information society services (OJ L 241, 17.9.2015, p. 1-15) transposed into national law by Government Decision no. 1016/2004 on measures for the organization and exchange of information in the field of technical standards and regulations, as well as on the rules on information society services between Romania and the Member States of the European Union, as well as the European Commission, with subsequent amendments and completions.

All Romanian technical regulations regarding radio interfaces notified according to Directive (EU) 2015/1535 shall be published and made available on the website of the National Authority for Administration and Regulation in Communications (ANCOM) at the following address: http://www.ancom.ro/reglementari-interfete_2723.

2. Specifications for the radio interface

Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communications network, in bands assigned to the amateur service

Radio frequency band	Annex
135.700-137.800 kHz	RO-IR AT-01-01
472.000-479.000 kHz	RO-IR AT-01-02
1810.000-1830.000 kHz	RO-IR AT-01-03
1830.000-1850.000 kHz	RO-IR AT-01-04
1850.000-2000.000 kHz	RO-IR AT-01-05
3500.000-3800.000 kHz	RO-IR AT-01-06
5351.500-5366.500 kHz	RO-IR AT-01-07
7000.000-7100.000 kHz	RO-IR AT-01-08
7100.000-7200.000 kHz	RO-IR AT-01-09

10100.000-10150.000 kHz	RO-IR AT-01-10
14000.000-14250.000 kHz	RO-IR AT-01-11
14250.000-14350.000 kHz	RO-IR AT-01-12
18068.000-18168.000 kHz	RO-IR AT-01-13
21000.000-21450.000 kHz	RO-IR AT-01-14
24890.000-24990.000 kHz	RO-IR AT-01-15
28000.000-29700.000 kHz	RO-IR AT-01-16
50.0000-52.0000 MHz	RO-IR AT-01-17
70.0000-70.3000 MHz	RO-IR AT-01-18
144.0000-146.0000 MHz	RO-IR AT-01-19
431.2000-432.0000 MHz	RO-IR AT-01-20
432.0000-433.0500 MHz	RO-IR AT-01-21
433.0500-434.7900 MHz	RO-IR AT-01-22
434.7900-438.0000 MHz	RO-IR AT-01-23
438.0000-440.0000 MHz	RO-IR AT-01-24
1240.000-1300.000 MHz	RO-IR AT-01-25
2300.000-2335.000 MHz	RO-IR AT-01-26
2335.000-2400.000 MHz	RO-IR AT-01-27
2400.000-2450.000 MHz	RO-IR AT-01-28
5650.000-5850.000 MHz	RO-IR AT-01-29
10.000-10.150 GHz	RO-IR AT-01-30
10.150-10.300 GHz	RO-IR AT-01-31
10.300-10.400 GHz	RO-IR AT-01-32
10.400-10.450 GHz	RO-IR AT-01-33
10.450-10.500 GHz	RO-IR AT-01-34
24.000-24.050 GHz	RO-IR AT-01-35
24.050-24.250 GHz	RO-IR AT-01-36
47.000-47.200 GHz	RO-IR AT-01-37
75.500-76.000 GHz	RO-IR AT-01-38
76.000-77.500 GHz	RO-IR AT-01-39
77.500-78.000 GHz	RO-IR AT-01-40
78.000-79.000 GHz	RO-IR AT-01-41
79.000-81.000 GHz	RO-IR AT-01-42
81.000-81.500 GHz	RO-IR AT-01-43
122.250-123.000 GHz	RO-IR AT-01-44

134.000-136.000 GHz	RO-IR AT-01-45
136.000-141.000 GHz	RO-IR AT-01-46
241.000-248.000 GHz	RO-IR AT-01-47
248.000-250.000 GHz	RO-IR AT-01-48

The activity in the amateur service is allowed only to the persons who have an amateur radio authorization and have their domicile or residence in Romania, fact proved by the identity card or by a document attesting their stay or residence on the Romanian territory.

The amateur radio license confers the right to use the radio bands assigned to the amateur service, under the conditions of the respective authorization class, assigning a call sign.

The foreign radio amateur who holds an equivalent CEPT, CEPT Novice or CEPT Entry-Class authorization can operate an amateur radio station on the Romanian territory based on the authorization issued in the country of origin.

The requirements for radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communications network, in bands assigned to the amateur service according to ANCOM Decision no. 245/2017 on the regulation of the amateur service, with subsequent amendments and completions were met.

For the purpose of this technical regulation, *interference-free and protection-free* mean that harmful interference to radio communication services is not permitted and protection of these devices against interference from radio communication services cannot be claimed.

The use of radio spectrum by such equipment is permitted without interference and without radioprotection (secondary status) and only if such equipment complies with the conditions set out in the Annex below.

3. Document history:

Edition	Changes
Edition 1/2022 (12.04.2022)	Notification number according to Directive (EU) 2015/1535: 2021/859/RO

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-01	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	135.700-137.800 kHz	The frequency band 135.700-137.800 kHz is with a secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 800 Hz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 1; II: 1; III: 1; IV:1.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 on electronic communications, approved with amendments and completions by Law 140/2012, with the subsequent amendments and completions, and ANCOM President's Decision no. 245/2017 on regulating the amateur service, with subsequent amendments and completions.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-02	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	472.000 – 479.000 kHz	The frequency band 472.000 – 479.000 kHz is with secondary status.
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 800 Hz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 1; II: 1; III: 1; IV:1.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-03	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	1810.000-1830.000 kHz	
	4	Channeling distribution) (channel	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-04	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	1830.000-1850.000 kHz	
	4	Channeling distribution) (channel	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-05	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	1850.000-2000.000 kHz	The frequency band 1850.000-2000.000 kHz is with secondary status.
	4	Channeling distribution) (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-06	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	3500.000-3800.000 kHz	
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-07	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	5351.500-5366.500 kHz	The frequency band 5351.500-5366.500 kHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-08	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	7000.000-7100.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-09	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	7100.000-7200.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-10	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	10100.000-10150.000 kHz	The frequency band 10100.000-10150.000 kHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 800 Hz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-11	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	14000.000-14250.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-12	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	14250.000-14350.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-13	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	18068.000-18168000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-14	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	21000.000-21450.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-15	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	24890.000-24990.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2.7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-16	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	28000.000-29700.000 kHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 7 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in this band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-17	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	50.0000-52.0000 MHz	The frequency band 50.0000-52.0000 MHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 12 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-18	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	70.0000-70.3000 MHz	The frequency band 70.0000-70.3000 MHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 12 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 20; II: 20; III: 20; IV: 20.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-19	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	144.0000-146.0000 MHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 40 kHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 400; II: 200; III: 100; IV:50.	The operation with increased power in 144.0000-144.4000 MHz frequency band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-20	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	431.2000-432.0000 MHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2 MHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

F1- ATIR Edition:1; Revision:1

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-21	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	432.0000-433.0500 MHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2 MHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	The operation with increased power in 432.0000-432.3000 MHz frequency band is subject to the individual authorization procedure for stations with a maximum power of 1 KW at the modulation peak and is conditional on obtaining the authorization class I.
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

F1- ATIR Edition:1; Revision:1

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-22	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	433.0500-434.7900 MHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2 MHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

F1- ATIR Edition:1; Revision:1

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-23	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	434.7900-438.0000 MHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2 MHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

F1- ATIR Edition:1; Revision:1

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-24	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	438.0000-440.0000 MHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2 MHz	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

F1- ATIR Edition:1; Revision:1

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-25	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	1240.000-1300.000 MHz	The frequency band 1240.000-1300.000 MHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 2 MHz Max. 7 MHz for digital or AM TV Max. 18 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-26	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	2300.000-2335.000 MHz	The frequency band 2300.000-2335.000 MHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-27	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	2335.000-2400.000 MHz	The frequency band 2335.000-2400.000 MHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-28	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	2400.000-2450.000 MHz	The frequency band 2400.000-2450.000 MHz is with secondary status.
	4	Channeling (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-29	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	5650.000-5850.000 MHz	The frequency band 5650.000-5850.000 MHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-30	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	10.000-10.150 GHz	The frequency band 10.000-10.150 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-31	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	10.150-10.300 GHz	The frequency band 10.150-10.300 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-32	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	10.300-10.400 GHz	The frequency band 10.300-10.400 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-33	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	10.400-10.450 GHz	The frequency band 10.400-10.450 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-34	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	10.450-10.500 GHz	The frequency band 10.450-10.500 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-35	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	24.000-24.050 GHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth		
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

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ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-36	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	24.050-24.250 GHz	The frequency band 24.050-24.250 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-37	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	47.000-47.200 GHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth		
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-38	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	75.500-76.000 GHz	The frequency band 75.500-76.000 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-39	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	76.000-77.500 GHz	The frequency band 76.000-77.500 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-40	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	77.500-78.000 GHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-41	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	78.000-79.000 GHz	The frequency band 78.000-79.000 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-42	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	79.000-81.000 GHz	The frequency band 79.000-81.000 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-43	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	81.000-81.500 GHz	The frequency band 81.000-81.500 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-44	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	122.250-123.000 GHz	The frequency band 122.250-123.000 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-45	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	134.000-136.000 GHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-46	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	136.000-141.000 GHz	The frequency band 136.000-141.000 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	Max. 10 MHz Max. 20 MHz with FM-TV	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-47	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	241.000-248.000 GHz	The frequency band 241.000-248.000 GHz is with secondary status.
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	

ROMANIA	Radio interface specification	Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur service	RO-IR AT-01-48	Edition 1/2022
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	No.	Parameter	Description	Comments
Normative Part	1	Radio communication service	Amateur	
	2	Application	Radio communications in the bands assigned to the amateur service	
	3	Frequency band	248.000-250.000 GHz	
	4	Channeling distribution (channel distribution)	-	
	5	Modulation/Occupied bandwidth	-	
	6	Direction/Separation	-	
	7	Emission power/Power density	Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30.	
	8	Rules for occupying and accessing channels	-	Stations participating in radio traffic on a repeater station shall allow pauses between transmission periods to enable other stations to make calls on that repeater station, as well; stations on reception or in radio traffic shall confirm receipt of the call if it is an emergency call.
	9	Authorization regime	Exemption from individual licensing	Exemption from individual licensing of the use of radio frequencies entails obtaining an amateur certificate or an amateur license, according to Government Emergency Ordinance no. 111/2011 and ANCOM Decision no. 245/2017.
	10	Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)	-	
	11	Hypothesis regarding radio spectrum planning	-	
Informative Part	12	Planned changes	-	
	13	Reference documents	EN 301 489-1; EN 301 489-15; EN 301 783	
	14	Notification number	2021/859/RO	
	15	Remarks	-	