

## **RO-IR AT-02**

### **TECHNICAL REGULATIONS**

**for the radio interface**

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

**Notification number according to Directive (EU) 2015/1535:2021/860/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 6-8 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 Government Decision no. 740/2016 on the making available on the market of the 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](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 satellite service**

| Radio frequency band    | Annex          |
|-------------------------|----------------|
| 7000.000-7100.000 kHz   | RO-IR AT-02-01 |
| 14000.000-14250.000 kHz | RO-IR AT-02-02 |
| 18068.000-18168.000 kHz | RO-IR AT-02-03 |
| 21000.000-21450.000 kHz | RO-IR AT-02-04 |
| 24890.000-24990.000 kHz | RO-IR AT-02-05 |
| 28000.000-29700.000 kHz | RO-IR AT-02-06 |
| 144.0000-146.0000 MHz   | RO-IR AT-02-07 |
| 434.7900-438.0000 MHz   | RO-IR AT-02-08 |
| 1260.000-1270.000 MHz   | RO-IR AT-02-09 |

|                       |                |
|-----------------------|----------------|
| 2400.000-2450.000 MHz | RO-IR AT-02-10 |
| 5650.000-5670.000 MHz | RO-IR AT-02-11 |
| 5830.000-5850.000 MHz | RO-IR AT-02-12 |
| 10.450-10.500 GHz     | RO-IR AT-02-13 |
| 24.000-24.050 GHz     | RO-IR AT-02-14 |
| 47.000-47.200 GHz     | RO-IR AT-02-15 |
| 75.500-76.000 GHz     | RO-IR AT-02-16 |
| 76.000-77.500 GHz     | RO-IR AT-02-17 |
| 77.500-78.000 GHz     | RO-IR AT-02-18 |
| 78.000-79.000 GHz     | RO-IR AT-02-19 |
| 79.000-81.000 GHz     | RO-IR AT-02-20 |
| 81.000-81.500 GHz     | RO-IR AT-02-21 |
| 122.250-123.000 GHz   | RO-IR AT-02-22 |
| 134.000-136.000 GHz   | RO-IR AT-02-23 |
| 136.000-141.000 GHz   | RO-IR AT-02-24 |
| 241.000-248.000 GHz   | RO-IR AT-02-25 |
| 248.000-250.000 GHz   | RO-IR AT-02-26 |

The activity in the amateur satellite 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 satellite 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 satellite 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<br>(12.04.2022) | Notification number according to Directive (EU) 2015/1535:<br>2021/860/RO |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-01</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 7000.000-7100.000 kHz  |   |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 2.7 kHz   |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | 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.  |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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.   |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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. |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-02</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 14000.000-14250.000 kHz  |   |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  | Max. 2.7 kHz   |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | 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.  |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the satellite amateur service</b> | <b>RO-IR AT-02-03</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 18068.000-18168.000 kHz  |   |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  | Max. 2.7 kHz   |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | 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.  |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |

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|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-04</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 21000.000-21450.000 kHz  |   |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 2.7 kHz   |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | 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.  |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |



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|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-05</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 24890.000-24990.000 kHz  |   |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  | Max. 2.7 kHz   |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | 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.  |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-06</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 28000.000-29700.000 kHz  |   |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  | Max. 7 kHz   |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | 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.  |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-07</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 144.0000-146.0000 MHz  |   |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 40 kHz  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | 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   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

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|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-08</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 434.7900-438.0000 MHz  |   |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 2 MHz   |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-09</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 1260.000-1270.000 MHz  | The frequency band 1260.000-1270.000 MHz is with secondary status.  |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 2 MHz<br>Max. 7 MHz for digital or AM TV  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-10</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 2400.000-2450.000 MHz  | The frequency band 2400.000-2450.000 MHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-11</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 5650.000-5670.000 MHz  | The frequency band 5650.000-5670.000 MHz is with secondary status.  |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-12</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 5830.000-5850.000 MHz  | The frequency band 5830.000-5850.000 MHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |



|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-13</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 10.450-10.500 GHz  | The frequency band 10.450-10.500 GHz is with secondary status.  |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-14</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 24.000-24.050 GHz  |   |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  |  |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-15</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 47.000-47.200 GHz  |   |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  |  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-16</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 75.500-76.000 GHz  | The frequency band 75.500-76.000 GHz is with secondary status.  |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-17</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 76.000-77.500 GHz  | The frequency band 76.000-77.500 GHz is with secondary status.  |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-18</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 77.500-78.000 GHz  |   |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-19</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 78.000-79.000 GHz  | The frequency band 78.000-79.000 GHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-20</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 79.000-81.000 GHz  | The frequency band 79.000-81.000 GHz is with secondary status.  |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |



|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-21</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 81.000-81.500 GHz  | The frequency band 81.000-81.500 GHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-22</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 122.250-123.000 GHz  | The frequency band 122.250-123.000 GHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-23</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No.       | Parameter   | Description  | Comments  |
|-------------------------|-----------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>  | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>  | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>  | <b>Frequency band</b>   | 134.000-136.000 GHz  |   |
|                         | <b>4</b>  | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>  | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | <b>6</b>  | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>  | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>  | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>  | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b> | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b> | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b> | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b> | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b> | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b> | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-24</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 136.000-141.000 GHz  | The frequency band 136.000-141.000 GHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | Max. 10 MHz<br>Max. 20 MHz with FM-TV  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-25</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | No. | Parameter   | Description  | Comments  |
|-------------------------|-----|---|--|---|
| <b>Normative Part</b>   | 1   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | 2   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | 3   | <b>Frequency band</b>   | 241.000-248.000 GHz  | The frequency band 241.000-248.000 GHz is with secondary status.  |
|                         | 4   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | 5   | <b>Modulation/Occupied bandwidth</b>  | -  |   |
|                         | 6   | <b>Direction/Separation</b>   | -  |   |
|                         | 7   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | 8   | <b>Rules for occupying and accessing channels</b>   | -  | 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   | <b>Authorization regime</b>   | 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  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | 11  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | 12  | <b>Planned changes</b>  | -  |   |
|                         | 13  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | 14  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | 15  | <b>Remarks</b>  | -  |   |

|                |                                      |  |                       |                       |
|----------------|--------------------------------------|--|-----------------------|-----------------------|
| <b>ROMANIA</b> | <b>Radio interface specification</b> | <b>Radio terminal equipment operating in transmission or transmission/reception mode, exclusively under the control of a communication network, in bands assigned to the amateur satellite service</b> | <b>RO-IR AT-02-26</b> | <b>Edition 1/2022</b> |
|----------------|--------------------------------------|--|-----------------------|-----------------------|

|                         | <b>No.</b> | <b>Parameter</b>  | <b>Description</b>   | <b>Comments</b>   |
|-------------------------|------------|---|--|---|
| <b>Normative Part</b>   | <b>1</b>   | <b>Radio communication service</b>  | Amateur satellite  |   |
|                         | <b>2</b>   | <b>Application</b>  | Radio communications in the bands assigned to the amateur satellite service                                  |   |
|                         | <b>3</b>   | <b>Frequency band</b>   | 248.000-250.000 GHz  |   |
|                         | <b>4</b>   | <b>Channeling (channel distribution)</b>  | -  |   |
|                         | <b>5</b>   | <b>Modulation/Occupied bandwidth</b>  | -  |   |
|                         | <b>6</b>   | <b>Direction/Separation</b>   | -  |   |
|                         | <b>7</b>   | <b>Emission power/Power density</b>   | Maximum power at modulation peak (W) depending on the authorization class: I: 200; II: 100; III: 50; IV: 30. |   |
|                         | <b>8</b>   | <b>Rules for occupying and accessing channels</b>   | -  | 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. |
|                         | <b>9</b>   | <b>Authorization regime</b>   | 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.   |
|                         | <b>10</b>  | <b>Additional essential requirements (in accordance with Article 3 Paragraph 3 of 2014/53/EU Directive)</b> | -  |   |
|                         | <b>11</b>  | <b>Hypothesis regarding radio spectrum planning</b>   | -  |   |
| <b>Informative Part</b> | <b>12</b>  | <b>Planned changes</b>  | -  |   |
|                         | <b>13</b>  | <b>Reference documents</b>  | EN 301 489-1; EN 301 489-15; EN 301 783  |   |
|                         | <b>14</b>  | <b>Notification number</b>  | 2021/860/RO  |   |
|                         | <b>15</b>  | <b>Remarks</b>  | -  |   |