

On grounds of the provisions of Article 4 paragraph (2) letter c), Article 10 paragraph (2) point 10, Article 11 paragraph (1) and Article 12 paragraph (1) and (3) of the Government Emergency Ordinance no. 22/2009 on the establishment of the National Authority for Management and Regulation in Communications of Romania approved by Law no. 113/2010, with subsequent amendments and completions, as well as of Article 22 paragraph (2) and Article 23 paragraph (3) of the Government Emergency Ordinance nr. 111/2011 on the electronic communications approved with amendments and completions by Law no. 140/2012, with the subsequent amendments and completions,

**THE PRESIDENT  
OF THE NATIONAL AUTHORITY FOR MANAGEMENT  
AND REGULATION IN COMMUNICATIONS**

issues the present

**DECISION**

**amending and completing the Decision of the President of the National Authority for Management and Regulation in Communications of Romania no. 311/2016 on license exempt radio frequencies or radio frequency bands**

**Art. I. – Decision of the President of the National Authority for Management and Regulation in Communications of Romania no. 311/2016 on license exempt radio frequencies or radio frequency bands, published in the Official Journal of Romania, Part I, no. 228 as of 28 March 2016, is amended and completed as follows:**

**1. Article 1, letter b) is amended and shall have the following content:**

„b) the regulation of the technical specifications for the RO-IR radio interfaces corresponding to the categories of radio equipment using the designated radio frequencies or radio frequency bands.”

**2. After Article 1 a new article, Article 1<sup>1</sup>, is introduced and shall have the following content:**

„Art. 1<sup>1</sup> – (1) Within this decision, the definitions provided by the Government Emergency Ordinance no. 111/2011 on the electronic communications, approved with amendments and completions by Law no. 140/2012, with the subsequent amendments and completions, shall apply.

(2) Within the meaning of this decision, a radio communication station means one or several transmitters or receivers or a set of transmitters and receivers, including the accessory equipment, which performs a radio communication service at a location or within a travel area.

(3) Transmitters and receivers are radio equipments in the meaning of the definition under Article 2 paragraph (1) point 5 of the Government Decision no. 740/2016 on making available on the market of radio equipment, with the subsequent amendments and completions.”

**3. Article 2, paragraphs (3) - (5) are amended and shall have the following content:**

„(3) The radio frequencies or the radio frequency bands designated as per paragraph (1) may be used only by those types of radio communication equipment, including radio communication stations which

operate within certain radio communication services, as they are mentioned in the technical specifications contained in the annex hereto.

(4) The use of the radio frequencies or the radio frequency bands designated under paragraph (1) is only possible if no harmful interferences are caused to the radio communication stations using the radio spectrum in accordance with the regulations in force, this decision excluded.

(5) The use of the radio frequencies or of the radio frequency bands designated under paragraph (1) do not benefit from radio protection, irrespective of whether interferences are caused by an equipment that falls within the categories of radio equipment mentioned in the annex or by radio communication stations using the radio spectrum in accordance with the regulations in force, this decision excluded.

**4. Article 5 is amended and shall have the following content:**

„Art. 5 – The RO-IR technical specifications for the radio interfaces hereby regulated shall be elaborated and, if necessary, regularly updated based upon the relevant regulations adopted at European or international level, and shall be published on the website of the National Authority for Management and Regulation in Communications.”

**5. The Annex entitled “TECHNICAL SPECIFICATIONS for the radio interfaces containing the radio frequencies or the radio frequency bands exempted from the licensing regime” is amended and shall have the following content:**

**„ANNEX**

**TECHNICAL SPECIFICATIONS  
for the radio interfaces containing the radio frequencies or the radio frequency bands  
exempted from the licensing regime**

**Chapter I – Short-Range Devices (SRD)**

No.	Technical specification for the radio interface	Categories of radio equipment	Technical specification for the radio interface (previous encoding)
1	RO-IR SRD-01	Non-specific Short-Range Devices	RO-IR 01
2	RO-IR SRD-02	Tracking, Tracing and Data acquisition devices	RO-IR 02
3	RO-IR SRD-03	Wideband data transmission devices	RO-IR 03 (RO-IR 03-01, RO-IR 03-04a, RO-IR 03-04b, RO-IR 03-04c, RO-IR 03-05 and RO-IR 03-06)
4	RO-IR SRD-04	Transport and Traffic Telematics devices (TTT)	RO-IR 05
5	RO-IR SRD-05	Radio determination devices	RO-IR 06
6	RO-IR SRD-06	Alarm systems	RO-IR 07
7	RO-IR SRD-07	Devices controlling the movement of models	RO-IR 08
8	RO-IR SRD-08	Devices for inductive applications	RO-IR 09
9	RO-IR SRD-09	Radio Frequency Identification (RFID) devices	RO-IR 11
10	RO-IR SRD-10	Active medical implant devices	RO-IR 12
11	RO-IR SRD-11	Devices for wireless audio/multimedia applications	RO-IR 13
12	RO-IR SRD-12	PMR 446 devices for private mobile radio communications	RO-IR 15
13	RO-IR SRD-13	Assistive listening devices (ALD)	RO-IR 18

## Chapter II – Radio equipment using the ultra-wideband technology (UWB)

No.	Technical specification for the radio interface	Categories of radio equipment	Technical specification for the radio interface (previous encoding)
1	RO-IR UWB-01	Radio equipment using the UWB technology (generic usage)	RO-IR UWB-01
2	RO-IR UWB-02	Radio equipment using the UWB technology (contact based material sensing devices)	RO-IR UWB-02-1 și RO-IR UWB-02-2
3	RO-IR UWB-03	Radio equipment using the UWB technology (non-contact based material sensing devices)	–
4	RO-IR UWB-04	Radio equipment using the UWB technology (specific usage for Short-Range Radars (SRR) for automobiles, operating in the 24 GHz frequency band)	RO-IR UWB-04
5	RO-IR UWB-05	Radio equipment using the UWB technology (specific usage for Short-Range Radars (SRR) for automobiles, operating in the 79 GHz frequency band)	RO-IR UWB-05
6	RO-IR UWB-06	Radio equipment using the UWB technology (type 1 – LT1 location tracking systems)	RO-IR UWB-06
7	RO-IR UWB-07	Radio equipment using the UWB technology (installed in motor and railway vehicles)	RO-IR UWB-07
8	RO-IR UWB-08	Radio equipment using the UWB technology (onboard aircraft)	RO-IR UWB-08

## Chapter III - Radio equipment operating in bands assigned to the mobile service

No.	Technical specification for the radio interface	Categories of radio equipment (radio communication stations)	Technical specification for the radio interface (previous encoding)
1	RO-IR RLAN	Wireless access systems for wideband data transmissions, including local area networks (WAS/RLAN)	RO-IR 03 (RO-IR 03-02 and RO-IR 03-03)
2	RO-IR CF	Railway applications	RO-IR 04
3	RO-IR MICRO	Radio microphones	RO-IR 10
4	RO-IR CB	Equipments for Citizens' Band (CB) radio communications	RO-IR 14
5	RO-IR DECT	DECT equipments (Digital European Cordless Telecommunications)	RO-IR 16
6	RO-IR ITS	Intelligent Transport Systems (ITS)	RO-IR 17

## Chapter IV – Radio equipment operating in bands assigned to the fixed-satellite service

No.	Technical specification for the radio interface	Categories of radio equipment (radio communication stations)	Technical specification for the radio interface (previous encoding)
1	RO-IR FS-01	Terminal radio equipment operating exclusively under the control of a radio communication network using geostationary satellites	–

No.	Technical specification for the radio interface	Categories of radio equipment (radio communication stations)	Technical specification for the radio interface (previous encoding)
2	RO-IR FS-02	Terminal radio equipment operating exclusively under the control of a radio communication network using non-geostationary satellites	–

Note: Within the present annex, the following abbreviations are used:

- Short Range Devices – SRD;
- Transport and Traffic Telematics – TTT;
- Radio Frequency IDentification – RFID;
- Private Mobile Radio in the 446 MHz band – PMR 446;
- Assistive Listening Devices – ALD;
- Ultra Wide Band – UWB;
- Short-Range Radars – SRR;
- Location Tracking – LT;
- Wireless Access Systems – WAS;
- Radio Local Area Networks – RLAN;
- Intelligent Transport Systems – ITS.”

**Art. II - This Decision shall be published in the Official Journal of Romania, Part I.**

**PRESIDENT OF THE NATIONAL AUTHORITY  
FOR MANAGEMENT AND REGULATION IN COMMUNICATIONS  
OF ROMANIA**

**VLAD ȘTEFAN STOICA**

**Bucharest, 23 June 2021**

**No. 248**