

DECISION no. 311 of 21 March 2016 regarding radio frequencies or radio frequency bands exempted from the licensing regime
(unofficially consolidated text, as of 5 February 2025)

On the grounds of the provisions of Article 4 paragraph (2) letter c), Article 10 paragraph (2) point 10, Article 11 paragraphs (1) and (7) and Article 12 paragraphs (1) and (3) of the Government Emergency Ordinance no. 22/2009 on the establishment of the National Authority for Management and Regulation in Communications, approved by Law no. 113/2010, with the subsequent amendments and completions, as well as of Article 22 paragraph (2) and Article 23 paragraph (3) of 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, the President of the National Authority for Management and Regulation in Communications issues this decision.

Article 1

This decision covers:

- a) designation of radio frequencies or radio frequency bands, for the use of which it is not necessary to obtain radio frequency licensing, in the case of certain categories of radio equipment;
- b) regulating the technical specifications regarding RO-IR radio interfaces corresponding to the categories of radio equipment using designated radio frequencies or radio frequency bands.

Article 1¹

- (1) The definitions provided in Government Emergency Ordinance no. 111/2011 on electronic communications, approved with amendments and completions by Law no. 140/2012, with subsequent amendments and completions, shall apply in the content of this decision.
- (2) On the purpose of this decision, a radiocommunication station means one or more transmitters or receivers or a combination of transmitters and receivers, including the accessory equipment, necessary at one location or in a movement area to provide a radiocommunication service.
- (3) The transmitters and the receivers are radio equipment within the meaning of the definition mentioned in Article 2 paragraph (1) point 5 of Government Decision no. 740/2016 on making available on the market of radio equipment, with subsequent amendments and completions.

Article 2

- (1) Radio frequencies or frequency bands exempted from licensing are included in the RO-IR technical specifications on the radio interfaces.
- (2) The technical specifications regarding the radio interfaces referred to in paragraph (1) are listed in the annex which forms an integral part of this decision.
- (3) Radio frequencies or frequency bands designated under the conditions of paragraph (1) may be used only by those types of radio equipment, including radiocommunication stations operating within certain radiocommunication services, as specified in the technical specifications in the annex.
- (4) The use of radio frequencies or radio frequency bands designated under the conditions of paragraph (1) is possible only if no harmful interference is produced on radiocommunication stations that use the radio spectrum in accordance with the regulations in force, excluding this decision.
- (5) The use of radio frequencies or radio frequency bands designated under the conditions of paragraph (1) does not benefit of radio protection, regardless of whether the interference is produced by equipment from the categories of radio equipment mentioned in the annex or by radiocommunication stations that use the radio spectrum in accordance with the regulations in force, excluding this decision.

Article 3

The categories of radio equipment using radio frequencies or radio frequency bands exempted from the licensing regime are listed in the annex which forms an integral part of this decision.

Article 4

The technical specifications for the RO-IR radio interfaces contain the requirements for the putting into operation and use of the respective radio equipment for reasons related to compliance with the essential

requirement provided for in Article 3 paragraph (2) of Government Decision no. 740/2016 on the making available on the market of radio equipment.

Article 5

The technical specifications for the RO-IR radio interfaces, regulated by this decision, shall be drawn up and, if necessary, periodically updated, based on the relevant regulations adopted at European or international level or national ones, and shall be published on the website of the National Authority for Management and Regulation in Communications.

Article 6

This decision is published in the Official Gazette of Romania, Part I.

Article 7

Starting with the date of entry into force of this decision, the Decision of the President of the National Authority for Management and Regulation in Communications no. 1722/2011 regarding radio frequencies or radio frequency bands exempted from the licensing regime, published in the Official Gazette of Romania, Part I, no. 825 of 22 November 2011 is repealed.

President of the National Authority for Management and Regulation in Communications,
Marius Cătălin Marinescu

ANNEX: TECHNICAL SPECIFICATIONS on the radio interfaces containing radio frequencies or radio frequency bands exempted from the licensing regime

CHAPTER I: Proximity radio device (short-range) (SRD)

No.	Radio interface technical specification	Radio equipment categories	Radio interface technical specification (previous coding)
1	RO-IR SRD-01	Non-specific proximity radio devices (short-range)	RO-IR 01
2	RO-IR SRD-02	Positioning, tracking, 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 0304b, RO-IR 03-04c, RO-IR 03-05 and RO-IR 03-06)
4	RO-IR SRD-04	Telematics devices for transport and traffic-(TTT)	RO-IR 05
5	RO-IR SRD-05	Devices for radiolocation applications	RO-IR 06
6	RO-IR SRD-06	Alarm systems	RO-IR 07
7	RO-IR SRD-07	Model motion control devices	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 implantable medical devices	RO-IR 12
11	RO-IR SRD-11	Devices for audio/multimedia applications on radio support	RO-IR 13
12	RO-IR SRD-12	PMR 446 devices for private mobile radio communications	RO-IR 15
13	RO-IR SRD-13	Assisted Listening Devices (ALD)	RO-IR 18

CHAPTER II: Ultra-Wideband (UWB) devices

No.	Radio interface technical specification	Radio equipment categories	Radio interface technical specification (previous coding)
1	RO-IR UWB-01	Ultra-Wideband (UWB) devices (general use)	RO-IR UWB-01
2	RO-IR UWB-02	UWB devices (contact-based material detectors)	RO-IR UWB-02-1 and RO-IR UWB-02-2
3	RO-IR UWB-03	UWB devices (non-contact material detectors)	-
4	RO-IR UWB-04	UWB devices [specific use for automotive proximity radar systems (SRR) operating in the 24 GHz frequency band]	RO-IR UWB-04
5	RO-IR UWB-05	UWB devices [specific use for automotive proximity radar systems (SRR) operating in the 79 GHz frequency band]	RO-IR UWB-05
6	RO-IR UWB-06	Ultra-Wideband (UWB) devices (Location and Tracking Type 1 - LT1)	RO-IR UWB-06
7	RO-IR UWB-07	UWB devices (installed on road and rail vehicles)	RO-IR UWB-07
8	RO-IR UWB-08	UWB devices (installed on aircraft)	RO-IR UWB-08

CHAPTER III: Radio equipment operating in bands allocated to the mobile service

No.	Radio interface technical specification	Radio equipment categories (radiocommunication stations)	Radio interface technical specification (previous coding)
1	RO-IR RLAN	Radio access systems for wideband data transmission, including wireless local area networks (WAS/RLAN)	RO-IR 03 (RO-IR 03-02 and RO-IR 03-03)
2	RO-IR CF	Radio applications for railways	RO-IR 04
3	RO-IR MICRO	Radio microphones	RO-IR 10
4	RO-IR CB	Citizen's Band (CB) radio equipment	RO-IR 14
5	RO-IR DECT	Digital European Cordless Telecommunications (DECT) equipment	RO-IR 16
6	RO-IR ITS	Intelligent Transport Systems (ITS)	RO-IR 17

CHAPTER IV: Radio equipment operating in bands allocated to the fixed-satellite service

No.	Radio interfaces technical specification	Radio equipment categories (radiocommunication stations)	Radio interface technical specification (previous coding)
1	RO-IR FS-01	Radio terminal equipment operating exclusively under the control of a geostationary satellite communication network	-
2	RO-IR FS-02	Radio terminal equipment operating exclusively under the control of a non-geostationary satellite communication network	-

NOTE:

The following abbreviations are used in this annex:

- SRD - (Short Range Devices);
- TTT - (Transport and Traffic Telematics);
- RFID - (Radio Frequency Identification);
- PMR 446 - Private Mobile Radio - private mobile radiocommunications in the 446 MHz band;
- ALD - Assistive Listening Devices;
- UWB - Ultra Wide Band;
- SRR - Short-Range Radars;

- LT – Location and Tracking;
- WAS - Wireless Access Systems;
- RLAN - Radio Local Area Networks;
- ITS - Intelligent Transport Systems.

CHAPTER V: Radio equipment operating in bands allocated to the amateur service and the amateur-satellite service

No.	Radio interface technical specification	Radio equipment categories (radiocommunication stations)	Radio interface technical specification (previous coding)
1	RO-IR AT-01	Radio equipment operating in transmit or transmit/receive mode in bands allocated to the amateur service	-
2	RO-IR AT-02	Radio equipment operating in transmit or transmit/receive mode in bands allocated to the amateur satellite service	-

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