



Countries with CEPT Licence

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(Current as of 2024-06-19)

International Affairs

Frequency Management

* = non-CEPT country

** = CEPT membership suspended

General information

The "CEPT Licence" as well as the "CEPT Novice Licence" make it possible for radio amateurs from CEPT countries to operate during short visits of up to three months in other CEPT countries without the requirement of obtaining an individual temporary licence from the visited CEPT country.

There are two CEPT recommendations for this purpose. The "**CEPT Licence**" is described in CEPT Recommendation T/R 61-01, whereas the "**CEPT Novice Licence**" follows CEPT Recommendation ECC/REC/(05)06. These recommendations have to be implemented within the national law in a country before accepting operation under the CEPT regulation.

A "Harmonized Amateur Radio Examination Certificate" (**HAREC**) according to CEPT Recommendation T/R 61-02 shows proof of successfully passing an amateur radio examination which complies with the Examination Syllabus for the HAREC. It thus facilitates the issue of an individual licence to radio amateurs who stay in a country for a longer term than that mentioned in CEPT Recommendation T/R 61-01. It also eases the issue of an individual licence to a radio amateur returning to his native country showing the "HAREC" Certificate issued by a foreign administration.

The syllabus for the "CEPT Novice Licence" is described in **ERC Report 32**, which does not have to be implemented by countries.

To facilitate the introduction of a third level, the "Entry Class", in countries, the corresponding syllabus is described in **ECC Report 89**.

To operate under CEPT regulations, you need to have your own licence document with you. It is also advisable to carry a copy of the licensing regulations in your own country and a copy of the licensing regulations in the foreign country with you as well as a printout of the applicable CEPT recommendation.

This list has been compiled according to official documents. No responsibility is taken for the correctness of this information.

Comments and corrections are very much appreciated: dk5ji(at)darc.de.

Info

Conférence Européenne des Administrations des Postes et des Télécommunications (CEPT): *Recommendation T/R 61-01. CEPT Radio Amateur Licence*. <https://docdb.cept.org/download/4422> (current as of 2024-03-01)

—: *ECC Recommendation (05)06. CEPT Novice Radio Amateur Licence*. <https://docdb.cept.org/download/4413> (current as of 2024-03-01)

—: *Recommendation T/R 61-02. Harmonized Amateur Radio Examination Certificate (HAREC)*. <https://docdb.cept.org/download/4424> (current as of 2024-03-01)

—: *ERC Report 32. Amateur Radio Novice Examination Syllabus and Amateur Radio Novice Examination Certificate within CEPT and Non-CEPT Countries*. <http://docdb.cept.org/Docs/doc98/official/pdf/ERCREP032.PDF> (current as of 2018-10-11)

—: *ECC Report 89. A Radio Amateur Entry Level Examination and Licence*. <http://docdb.cept.org/Docs/doc98/official/pdf/ECCREP089.PDF> (current as of 2007-08-07)

Albania

Implementation	CEPT Licence T/R 61-01 implemented, but guest licence required ¹			CEPT Novice Licence ECC/REC/(05)06 implemented according to national amateur radio regulations, but Albania not included in the List of CEPT Countries (ECC/REC/(05)06, Annex 2) and guest licence required ¹		
Call sign prefix	HAREC T/R 61-02 implemented ZA/			ERC Report 32 applied ZA/		
Extensions	CEPT Licence			CEPT Novice Licence		
Equivalent national class						
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m ²	135.700 – 137.800 kHz					
630 m ²	472.000 – 479.000 kHz					
160 m	1.810 – 1.850 MHz	1.5 kW	8 kHz	1.810 – 1.850 MHz	120 W	8 kHz
	1.850 – 2.000 MHz	60 W	8 kHz	1.850 – 2.000 MHz	60 W	8 kHz
80 m	3.750 – 3.800 MHz	1.5 kW	8 kHz	3.750 – 3.800 MHz	120 W	8 kHz
60 m ²	5.3515 – 5.3665 MHz					
40 m	7.000 – 7.100 MHz	1.5 kW	8 kHz	7.000 – 7.200 MHz	120 W	8 kHz
	7.100 – 7.200 MHz	250 W	8 kHz			
30 m	10.100 – 10.150 MHz	1.5 kW	1 kHz	10.100 – 10.150 MHz	120 W	1 kHz
20 m	14.000 – 14.350 MHz	1.5 kW	8 kHz	14.000 – 14.350 MHz	120 W	8 kHz
17 m	18.068 – 18.168 MHz	1.5 kW	8 kHz	18.068 – 18.168 MHz	120 W	8 kHz
15 m	21.000 – 21.450 MHz	1.5 kW	8 kHz	21.000 – 21.450 MHz	120 W	8 kHz
12 m	24.890 – 24.990 MHz	1.5 kW	8 kHz	24.890 – 24.990 MHz	120 W	8 kHz
10 m	28.000 – 29.700 MHz	1.5 kW	8 kHz	28.000 – 29.700 MHz	120 W	8 kHz
6 m	50.000 – 52.000 MHz	200 W	18 kHz	50.000 – 52.000 MHz	120 W	18 kHz
4 m ²	69.900 – 70.500 MHz					
2 m	144.000 – 146.000 MHz	600 W	18 kHz	144.000 – 146.000 MHz	120 W	18 kHz
70 cm	430.000 – 440.000 MHz	600 W	any	430.000 – 440.000 MHz	120 W	any
23 cm	1.240 – 1.245 GHz	600 W	any	1.240 – 1.245 GHz	120 W	any
	1.267 – 1.270 GHz	600 W	any	1.267 – 1.270 GHz	120 W	any
	1.297 – 1.300 GHz	600 W	any	1.297 – 1.300 GHz	120 W	any
13 cm	2.300 – 2.450 GHz	600 W	any	2.300 – 2.450 GHz	120 W	any
9 cm	3.400 – 3.410 GHz	600 W	any	3.400 – 3.410 GHz	120 W	any
6 cm	5.660 – 5.670 GHz	600 W	any	5.660 – 5.670 GHz	120 W	any
	5.725 – 5.850 GHz	600 W	any	5.725 – 5.850 GHz	120 W	any
3 cm	10.000 – 10.500 GHz	600 W	any	10.000 – 10.500 GHz	120 W	any
1.2 cm	24.000 – 24.250 GHz	600 W	any	24.000 – 24.250 GHz	120 W	any
6 mm	47.000 – 47.900 GHz	600 W	any	47.000 – 47.900 GHz	120 W	any
	48.200 – 48.540 GHz	600 W	any	48.200 – 48.540 GHz	120 W	any
4 mm	75.500 – 81.500 GHz	600 W	any	75.500 – 81.500 GHz	120 W	any
2.5 mm	122.250 – 123.000 GHz	600 W	any	122.250 – 123.000 GHz	120 W	any
2 mm	134.000 – 141.000 GHz	600 W	any	134.000 – 141.000 GHz	120 W	any
1.2 mm	241.000 – 250.000 GHz	600 W	any	241.000 – 250.000 GHz	120 W	any

Notes

- ¹ Application for guest licence: Telecommunications Regulatory Entity, Reshit Çollaku Street No. 43, Tirana, Albania
- ² Band listed in the national frequency plan (Plani Kombëtar i Frekuencave), but not included in the national amateur radio regulations

Info

Autoriteti i Komunikimeve Elektronike dhe Postare (AKEP): *Rregullore për "Shërbimet Radioamatore në Republikën e Shqipërisë"*. https://akep.al/wp-content/uploads/images/stories/AKEP/rregullore/2017/RREGULLORE_PER_SHERBIMET_RADIOAMATORE_2.pdf (current as of 2017-01-24)

—: *Plani Kombëtar i Frekuencave*. <https://akep.al/wp-content/uploads/2019/03/FZ-2021-35.pdf> (current as of 2021-03-08)

—: *Plani i Përdorimit të Frekuencave*. <https://akep.al/wp-content/uploads/2023/09/Plani-i-Perdorimit-te-Frekuencave-2023.pdf> (current as of 2023-06-19)

Andorra

Implementation

CEPT Licence

T/R 61-01 not implemented

HAREC

T/R 61-02 not implemented

CEPT Novice Licence

ECC/REC/(05)06 not implemented



*Australia

Implementation	CEPT Licence T/R 61-01 implemented ¹		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	HAREC T/R 61-02 implemented VK/ Optional digit designating the state or territory: VK1/ Australian Capital Territory VK2/ New South Wales Lord Howe Island VK3/ Victoria VK4/ Queensland VK5/ South Australia VK6/ Western Australia VK7/ Tasmania Macquarie Island VK8/ Northern Territory VK9/ External territories: Ashmore and Cartier Islands Christmas Island Cocos (Keeling) Islands Coral Sea Islands (including Mellish Reef ² , Willis Islets ²) Heard Island and McDonald Islands ² Norfolk Island VKØ/ Australian Antarctic Territory ² /AM, /M, /MM (optional) Radiocommunications (Amateurs Stations) Class Licence 2023 (Advanced)		
Extensions			
Equivalent national class			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	2.1 kHz
630 m	472.000 – 479.000 kHz ³	5 W EIRP	3 kHz
160 m	1.800 – 1.875 MHz	400/120 W ^{4 5}	8 kHz
80 m	3.500 – 3.700 MHz	400/120 W ^{4 5}	8 kHz
	3.776 – 3.800 MHz	400/120 W ⁴	8 kHz
60 m			
40 m	7.000 – 7.100 MHz	400/120 W ^{4 5}	8 kHz
	7.100 – 7.300 MHz	400/120 W ⁴	8 kHz
30 m	10.100 – 10.150 MHz	400/120 W ⁴	8 kHz
20 m	14.000 – 14.350 MHz	400/120 W ^{4 5}	8 kHz
17 m	18.068 – 18.168 MHz	400/120 W ^{4 5}	8 kHz
15 m	21.000 – 21.450 MHz	400/120 W ^{4 5}	8 kHz
12 m	24.890 – 24.990 MHz	400/120 W ^{4 5}	8 kHz
10 m	28.000 – 29.700 MHz	400/120 W ^{4 6}	16 kHz
6 m	50.000 – 52.000 MHz	400/120 W ⁴	100 kHz
	52.000 – 54.000 MHz	400/120 W ⁴	any
4 m			
2 m	144.000 – 148.000 MHz	400/120 W ⁴	any
70 cm	430.000 – 450.000 MHz	400/120 W ⁴	any
23 cm	1.240 – 1.300 GHz	400/120 W ⁴	any
13 cm	2.300 – 2.302 GHz	400/120 W ⁴	any
	2.400 – 2.450 GHz	400/120 W ⁴	any
9 cm	3.300 – 3.600 GHz ⁷	400/120 W ⁴	any
6 cm	5.650 – 5.850 GHz	400/120 W ⁴	any
3 cm	10.000 – 10.500 GHz	400/120 W ⁴	any
1.2 cm	24.000 – 24.250 GHz	400/120 W ⁴	any
6 mm	47.000 – 47.200 GHz	400/120 W ⁴	any
4 mm	76.000 – 81.000 GHz	400/120 W ⁴	any
2.5 mm	122.250 – 123.000 GHz	400/120 W ⁴	any
2 mm	134.000 – 141.000 GHz	400/120 W ⁴	any
1.2 mm	241.000 – 250.000 GHz	400/120 W ⁴	any

Notes

- ¹ Overseas amateurs visiting Australia holding equivalent qualifications or licences are authorised to operate in Australia for a period of up to 365 days under the Amateur Class Licence. This applies to the entire territory of Australia including all external territories (VK9) and the Australian Antarctic Territory (VKØ).
- ² Landing permission required for the external territories Coral Sea Islands (Mellish Reef, Willis Islets), Heard Island and McDonald Islands (VK9) and the Australian Antarctic Territory (VKØ)
- ³ Timor Non Directional Beacon area excluded (geographic area that is within that part of the circle, with a radius of 2000 km, whose centre is located at 10° 37' 21" S 126° 2' 0" E)
- ⁴ 400 W PEP for C3F, J3E, R3E; 120 W mean power for all other emission modes

- ⁵ If the bandwidth exceeds 8 kHz, the maximum power spectral density from the station must not be greater than 1 watt per 100 kHz
- ⁶ If the bandwidth exceeds 16 kHz, the maximum power spectral density from the station must not be greater than 1 watt per 100 kHz
- ⁷ 3.400–3.600 GHz regionally excluded

Info

Australian Communications and Media Authority (ACMA): *Radiocommunications (Spectrum Re-allocation – 3.4 GHz and 3.7 GHz Bands) Declaration 2022*. <https://www.legislation.gov.au/Details/F2022L00983> (current as of 2022-07-14)

—: *Radiocommunications (Amateurs Stations) Class Licence 2023*. <https://legislation.gov.au/Details/F2023L01648> (current as of 2023-12-07)

—: *Overseas amateurs visiting Australia*. <https://www.acma.gov.au/overseas-amateurs-visiting-australia> (current as of 2024-05-23)

—: *Amateur radio call sign policy*. [https://www.acma.gov.au/sites/default/files/2024-05/Amateur radio call sign policy_April 2024.pdf](https://www.acma.gov.au/sites/default/files/2024-05/Amateur%20radio%20call%20sign%20policy_April%202024.pdf) (current as of 2024-05-01)



Austria

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	OE/ /M, /P (optional)			OE/ /M, /P (optional)		
Equivalent national class	Class 1 – Power Level B			Class 4 ¹ – Power Level A		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	200 Hz			
630 m	472.000 – 479.000 kHz	1 W EIRP	200 Hz			
160 m	1.810 – 1.850 MHz	200 W	7 kHz	1.810 – 2.000 MHz	100 W	7 kHz
	1.850 – 2.000 MHz	100 W	7 kHz			
80 m	3.500 – 3.800 MHz	200 W	7 kHz	3.500 – 3.800 MHz	100 W	7 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	7 kHz			
40 m	7.000 – 7.200 MHz	200 W	7 kHz			
30 m	10.100 – 10.150 MHz	200 W	7 kHz			
20 m	14.000 – 14.350 MHz	200 W	7 kHz			
17 m	18.068 – 18.168 MHz	200 W	7 kHz			
15 m	21.000 – 21.450 MHz	200 W	7 kHz	21.000 – 21.450 MHz	100 W	7 kHz
12 m	24.890 – 24.990 MHz	200 W	7 kHz			
10 m	28.000 – 29.700 MHz	200 W	7 kHz	28.000 – 29.700 MHz	100 W	7 kHz
6 m	50.000 – 52.000 MHz	200 W	40 kHz			
	52.000 – 54.000 MHz ²	100 W	2 MHz			
4 m						
2 m	144.000 – 146.000 MHz	200 W	40 kHz	144.000 – 146.000 MHz	100 W	40 kHz
70 cm	430.000 – 440.000 MHz ³	200 W	1 MHz ⁴	430.000 – 440.000 MHz ³	100 W	1 MHz ⁴
23 cm	1.240 – 1.300 GHz	10 W	16 kHz			
13 cm	2.304 – 2.310 GHz	200 W	1 MHz			
	2.320 – 2.322 GHz	200 W	1 MHz			
	2.400 – 2.450 GHz	200 W	1 MHz			
9 cm	3.400 – 3.410 GHz	200 W	10 MHz			
6 cm	5.650 – 5.850 GHz	200 W	10 MHz			
3 cm	10.368 – 10.370 GHz	10 kW EIRP	10 MHz			
	10.400 – 10.500 GHz	200 W	10 MHz			
1.2 cm	24.000 – 24.250 GHz	200 W	10 MHz			
6 mm	47.000 – 47.200 GHz	200 W	10 MHz			
4 mm	76.000 – 81.500 GHz	200 W	10 MHz			
2.5 mm	122.250 – 123.000 GHz	200 W	10 MHz			
2 mm	134.000 – 141.000 GHz	200 W	10 MHz			
1.2 mm	241.000 – 250.000 GHz	200 W	10 MHz			
< 1.2 mm	275.000 – 3.000 THz	200 W	10 MHz			

Notes

- ¹ Only unmodified commercial transmitters permitted
- ² For research projects only, temporarily approved until 2030-12-31
- ³ 439.100–440.000 MHz: reception only
- ⁴ ATV on 433.750 and 434.250 MHz

Info

Bundeskankleramt (BKA)/Bundesminister für Finanzen/Rechtsinformationssystem des Bundes (RIS): *Gesamte Rechtsvorschrift für Amateurfunkverordnung, Fassung vom 03.11.2023.*

<https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=10012930> (current as of 2023-03-13)

—: *Gesamte Rechtsvorschrift für Frequenznutzungsverordnung 2013, Fassung vom 03.11.2023.*

<https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=20008807> (current as of 2023-03-13)

—: *Amateurfunkfrequenzbereiche.* https://www.ris.bka.gv.at/Dokumente/Bundesnormen/NOR40251381/II_61_2023_Anlage_4.pdf (current as of 2023-03-13)

Azerbaijan

Implementation

CEPT Licence

T/R 61-01 not implemented

HAREC

T/R 61-02 not implemented

CEPT Novice Licence

ECC/REC/(05)06 not implemented



**Belarus

Implementation	CEPT Licence			CEPT Novice Licence		
	T/R 61-01 implemented, but Belarus removed from the List of CEPT Countries (T/R 61-01, Annex 2)			ECC/REC/(05)06 implemented, but Belarus removed from the List of CEPT Countries (ECC/REC/(05)06, Annex 2)		
	HAREC			ERC Report 32 not applied		
	T/R 61-02 implemented, but Belarus removed from the List of CEPT Countries (T/R 61-02, Annex 2)			ERC Report 32 not applied		
Call sign prefix	EW/			EW/		
Extensions						
Equivalent national class	CEPT Licence with CW examination (12 wpm): Class A CEPT Licence without CW examination: Class B			Class C		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	100 W	200 Hz ²			
630 m						
160 m	1.810 – 1.830 MHz	10 W	200 Hz ²	1.830 – 1.838 MHz	5 W	200 Hz ²
	1.830 – 1.838 MHz	500/100 W ³	200 Hz ²	1.838 – 1.840 MHz	5 W	500 Hz ⁴
	1.838 – 1.840 MHz	500/100 W ³	500 Hz ⁴	1.840 – 2.000 MHz	5 W	2.7 kHz ⁵
	1.840 – 1.850 MHz	500/100 W ³	2.7 kHz ⁵			
	1.850 – 2.000 MHz	10 W	2.7 kHz ⁵			
80 m	3.500 – 3.580 MHz	500/100 W ³	200 Hz ²	3.510 – 3.580 MHz	25 W	200 Hz ²
	3.580 – 3.600 MHz	500/100 W ³	500 Hz ⁴	3.580 – 3.600 MHz	25 W	500 Hz ⁴
	3.600 – 3.800 MHz	500/100 W ³	2.7 kHz ⁵	3.600 – 3.700 MHz	25 W	2.7 kHz ⁵
60 m ²	5.3515 – 5.354 MHz	50 W	200 Hz ⁴			
	5.354 – 5.366 MHz	50 W	2.7 kHz ⁵			
	5.366 – 5.3665 MHz	50 W	20 Hz ⁷			
40 m	7.000 – 7.040 MHz	500/100 W ³	200 Hz ²	7.010 – 7.040 MHz	25 W	200 Hz ²
	7.040 – 7.050 MHz	500/100 W ³	500 Hz ⁷	7.040 – 7.050 MHz	25 W	500 Hz ⁷
	7.050 – 7.200 MHz	500/100 W ³	2.7 kHz ⁵	7.050 – 7.100 MHz	25 W	2.7 kHz ⁵
30 m ⁶	10.100 – 10.130 MHz	500 W	200 Hz ²			
	10.130 – 10.150 MHz	500 W	500 Hz ⁴			
20 m	14.000 – 14.070 MHz	500/100 W ³	200 Hz ²			
	14.070 – 14.099 MHz	500/100 W ³	500 Hz ⁷			
	14.099 – 14.101 MHz ⁸					
	14.101 – 14.250 MHz	500/100 W ³	2.7 kHz ⁵			
	14.250 – 14.350 MHz	500/100 W ³	2.7 kHz ⁹			
17 m ⁶	18.068 – 18.095 MHz	500 W	200 Hz ²			
	18.095 – 18.109 MHz	500 W	500 Hz ⁷			
	18.109 – 18.111 MHz ⁸					
	18.111 – 18.168 MHz	500 W	2.7 kHz ⁵			
15 m	21.000 – 21.070 MHz	500/100 W ³	200 Hz ²	21.025 – 21.070 MHz	25 W	200 Hz ²
	21.070 – 21.090 MHz	500/100 W ³	200 Hz ⁷	21.070 – 21.090 MHz	25 W	200 Hz ⁷
	21.090 – 21.110 MHz	500/100 W ³	500 Hz ⁷	21.090 – 21.110 MHz	25 W	500 Hz ⁷
	21.110 – 21.120 MHz	500/100 W ³	2.7 kHz ⁵	21.110 – 21.120 MHz	25 W	2.7 kHz ⁵
	21.120 – 21.149 MHz	500/100 W ³	500 Hz ⁴	21.120 – 21.149 MHz	25 W	500 Hz ⁴
	21.149 – 21.151 MHz ⁸			21.149 – 21.151 MHz ⁸		
	21.151 – 21.450 MHz	500/100 W ³	2.7 kHz ⁵	21.151 – 21.450 MHz	25 W	2.7 kHz ⁵
12 m ⁶	24.890 – 24.915 MHz	500 W	200 Hz ²			
	24.915 – 24.929 MHz	500 W	500 Hz ⁷			
	24.929 – 24.931 MHz ⁸					
	24.931 – 24.990 MHz	500 W	2.7 kHz ⁵			
10 m	28.000 – 28.070 MHz	500/100 W ³	200 Hz ²	28.000 – 28.070 MHz	25 W	200 Hz ²
	28.070 – 28.150 MHz	500/100 W ³	500 Hz ⁷	28.070 – 28.150 MHz	25 W	500 Hz ⁷
	28.150 – 28.190 MHz	500/100 W ³	500 Hz ⁴	28.150 – 28.190 MHz	25 W	500 Hz ⁴
	28.190 – 28.199 MHz ⁸		200 Hz	28.190 – 28.199 MHz ⁸		200 Hz
	28.199 – 28.201 MHz ⁸			28.199 – 28.201 MHz ⁸		
	28.201 – 28.225 MHz ⁸		200 Hz	28.201 – 28.225 MHz ⁸		200 Hz
	28.225 – 28.300 MHz	500/100 W ³	2.7 kHz ¹⁰	28.225 – 28.300 MHz	25 W	2.7 kHz ¹⁰
	28.300 – 29.000 MHz	500/100 W ³	2.7 kHz ⁵	28.300 – 29.000 MHz	25 W	2.7 kHz ⁵
	29.000 – 29.300 MHz	500/100 W ³	6 kHz	29.000 – 29.300 MHz		6 kHz
	29.300 – 29.510 MHz ¹¹	500/100 W ³	6 kHz	29.300 – 29.510 MHz ¹¹		6 kHz
	29.510 – 29.700 MHz	500/100 W ³	6 kHz	29.510 – 29.700 MHz	25 W	6 kHz
6 m						
4 m						
2 m	144.000 – 144.025 MHz ¹¹		2.7 kHz	144.000 – 144.025 MHz ¹¹		2.7 kHz
	144.025 – 144.100 MHz ¹²	100/50 W ¹³	500 Hz ⁴	144.025 – 144.100 MHz ¹²	10 W	500 Hz ⁴
	144.100 – 144.150 MHz ¹⁴	100/50 W ¹³	500 Hz ⁴	144.100 – 144.150 MHz ¹⁴	10 W	500 Hz ⁴
	144.150 – 144.400 MHz	100/50 W ¹³	2.7 kHz ⁵	144.150 – 144.400 MHz	10 W	2.7 kHz ⁵
	144.400 – 144.500 MHz ¹⁵	100/50 W ¹³	500 Hz	144.400 – 144.500 MHz ¹⁵	10 W	500 Hz
	144.500 – 144.794 MHz	100/50 W ¹³	20 kHz	144.500 – 144.794 MHz	10 W	20 kHz
	144.794 – 145.800 MHz ¹⁶	100/50 W ¹³	12 kHz	144.794 – 145.800 MHz ¹⁶	10 W	12 kHz
	145.800 – 146.000 MHz ¹¹	100/50 W ¹³	12 kHz	145.800 – 146.000 MHz ¹¹	10 W	12 kHz

70 cm	430.000 – 432.000 MHz	50/25 W ¹⁷	20 kHz	430.000 – 432.000 MHz	10 W	20 kHz
	432.000 – 432.100 MHz	50/25 W ¹⁷	500 Hz ⁴	432.000 – 432.100 MHz	10 W	500 Hz ⁴
	432.100 – 432.400 MHz	50/25 W ¹⁷	2.7 kHz	432.100 – 432.400 MHz	10 W	2.7 kHz
	432.400 – 432.500 MHz ¹⁸	50/25 W ¹⁷	500 Hz	432.400 – 432.500 MHz ¹⁸	10 W	500 Hz
	432.500 – 433.000 MHz	50/25 W ¹⁷	12 kHz	432.500 – 433.000 MHz	10 W	12 kHz
	433.000 – 433.375 MHz	50/25 W ¹⁷	12 kHz ¹⁹	433.000 – 433.375 MHz	10 W	12 kHz ¹⁹
	433.400 – 433.600 MHz ²⁰	50/25 W ¹⁷	12 kHz	433.400 – 433.600 MHz ²⁰	10 W	12 kHz
	433.600 – 434.000 MHz	50/25 W ¹⁷	20 kHz	433.600 – 434.000 MHz	10 W	20 kHz
	434.000 – 434.981 MHz	50/25 W ¹⁷	12 kHz	434.000 – 434.981 MHz	10 W	12 kHz
	435.000 – 438.000 MHz ¹¹	50/25 W ¹⁷	20 kHz	435.000 – 438.000 MHz ¹¹	10 W	20 kHz
	438.000 – 440.000 MHz	50/25 W ¹⁷	20 kHz	438.000 – 440.000 MHz	10 W	20 kHz
23 cm	1.240 – 1.2405 GHz	50/25 W ¹⁷	2.7 kHz	1.240 – 1.2405 GHz	10 W	2.7 kHz
	1.2405 – 1.24075 GHz ⁸		500 Hz	1.2405 – 1.24075 GHz ⁸		500 Hz
	1.24075 – 1.241 GHz	50/25 W ¹⁷	20 kHz ¹⁹	1.24075 – 1.241 GHz	10 W	20 kHz ¹⁹
	1.241 – 1.24325 GHz	50/25 W ¹⁷	20 kHz	1.241 – 1.24325 GHz	10 W	20 kHz
	1.24325 – 1.260 GHz	50/25 W ¹⁷	any	1.24325 – 1.260 GHz	10 W	any
	1.260 – 1.270 GHz ¹¹	50/25 W ¹⁷	any	1.260 – 1.270 GHz ¹¹	10 W	any
	1.270 – 1.296 GHz	50/25 W ¹⁷	20 kHz	1.270 – 1.296 GHz	10 W	20 kHz
	1.296 – 1.29615 GHz	50/25 W ¹⁷	500 Hz ⁴	1.296 – 1.29615 GHz	10 W	500 Hz ⁴
	1.29615 – 1.2968 GHz	50/25 W ¹⁷	2.7 kHz ⁵	1.29615 – 1.2968 GHz	10 W	2.7 kHz ⁵
	1.2968 – 1.297 GHz ⁸		500 Hz	1.2968 – 1.297 GHz ⁸		500 Hz
	1.297 – 1.298 GHz	50/25 W ¹⁷	20 kHz ¹⁹	1.297 – 1.298 GHz	10 W	20 kHz ¹⁹
	1.298 – 1.299 GHz	50/25 W ¹⁷	20 kHz	1.298 – 1.299 GHz	10 W	20 kHz
	1.299 – 1.29975 GHz	50/25 W ¹⁷	150 kHz	1.299 – 1.29975 GHz	10 W	150 kHz
	1.29975 – 1.300 GHz	50/25 W ¹⁷	20 kHz	1.29975 – 1.300 GHz	10 W	20 kHz
13 cm	2.300 – 2.320 GHz	50/25 W ¹⁷	20 kHz	2.300 – 2.320 GHz	10 W	20 kHz
	2.320 – 2.32015 GHz	50/25 W ¹⁷	500 Hz ²	2.320 – 2.32015 GHz	10 W	500 Hz ²
	2.32015 – 2.3208 GHz	50/25 W ¹⁷	2.7 kHz	2.32015 – 2.3208 GHz	10 W	2.7 kHz
	2.3208 – 2.321 GHz ⁸		2.7 kHz	2.3208 – 2.321 GHz ⁸		2.7 kHz
	2.321 – 2.322 GHz	50/25 W ¹⁷	20 kHz ¹⁹	2.321 – 2.322 GHz	10 W	20 kHz ¹⁹
	2.322 – 2.400 GHz	50/25 W ¹⁷	20 kHz	2.322 – 2.400 GHz	10 W	20 kHz
	2.400 – 2.450 GHz ¹¹	50/25 W ¹⁷	150 kHz ²¹	2.400 – 2.450 GHz ¹¹	10 W	150 kHz ²¹
9 cm						
6 cm	5.650 – 5.670 GHz ¹¹	50/25 W ¹⁷	2.7 kHz	5.650 – 5.670 GHz ¹¹	10 W	2.7 kHz
	5.670 – 5.760 GHz	50/25 W ¹⁷	150 kHz	5.670 – 5.760 GHz	10 W	150 kHz
	5.760 – 5.7608 GHz	50/25 W ¹⁷	2.7 kHz	5.760 – 5.7608 GHz	10 W	2.7 kHz
	5.7608 – 5.76099 GHz ⁸		2.7 kHz	5.760 – 5.76099 GHz ⁸		2.7 kHz
3 cm	5.76099 – 5.762 GHz	50/25 W ¹⁷	150 kHz	5.76099 – 5.762 GHz	10 W	150 kHz
	5.762 – 5.835 GHz	50/25 W ¹⁷	150 kHz	5.762 – 5.835 GHz	10 W	150 kHz
	5.835 – 5.850 GHz ¹¹	50/25 W ¹⁷	2.7 kHz	5.835 – 5.850 GHz ¹¹	10 W	2.7 kHz
	10.000 – 10.150 GHz	50/25 W ¹⁷	150 kHz ⁴	10.000 – 10.150 GHz	10 W	150 kHz ⁴
	10.150 – 10.250 GHz	50/25 W ¹⁷	10 MHz	10.150 – 10.250 GHz	10 W	10 MHz
	10.250 – 10.368 GHz	50/25 W ¹⁷	150 kHz	10.250 – 10.368 GHz	10 W	150 kHz
	10.368 – 10.370 GHz	50/25 W ¹⁷	2.7 kHz ²²	10.368 – 10.370 GHz	10 W	2.7 kHz ²²
	10.370 – 10.450 GHz	50/25 W ¹⁷	10 MHz	10.370 – 10.450 GHz	10 W	10 MHz
	10.450 – 10.500 GHz ¹¹	50/25 W ¹⁷	20 kHz ²¹	10.450 – 10.500 GHz ¹¹	10 W	20 kHz ²¹
1.2 cm	24.000 – 24.048 GHz	50/25 W ¹⁷	6 MHz	24.000 – 24.048 GHz	10 W	6 MHz
	24.048 – 24.050 GHz ¹¹	50/25 W ¹⁷	2.7 kHz ⁵	24.048 – 24.050 GHz ¹¹	10 W	2.7 kHz ⁵
	24.050 – 24.250 GHz	50/25 W ¹⁷	10 MHz	24.050 – 24.250 GHz	10 W	10 MHz
6 mm	47.000 – 47.002 GHz ¹²	50/25 W ¹⁷	2.7 kHz ⁴	47.000 – 47.002 GHz ¹²	10 W	2.7 kHz ⁴
	47.002 – 47.088 GHz	50/25 W ¹⁷	6 MHz	47.002 – 47.088 GHz	10 W	6 MHz
	47.088 – 47.090 GHz ¹¹	50/25 W ¹⁷	2.7 kHz ²³	47.088 – 47.090 GHz ¹¹	10 W	2.7 kHz ²³
	47.090 – 47.200 GHz	50/25 W ¹⁷	10 MHz	47.090 – 47.200 GHz	10 W	10 MHz
4 mm	75.500 – 76.000 GHz ¹¹	50/25 W ¹⁷	2.7 kHz ⁵	75.500 – 76.000 GHz ¹¹	10 W	2.7 kHz ⁵
	76.000 – 77.500 GHz	50/25 W ¹⁷	6 MHz	76.000 – 77.500 GHz	10 W	6 MHz
	77.500 – 77.501 GHz ¹¹	50/25 W ¹⁷	2.7 kHz ⁵	77.500 – 77.501 GHz ¹¹	10 W	2.7 kHz ⁵
	77.501 – 78.000 GHz	50/25 W ¹⁷	6 MHz	77.501 – 78.000 GHz	10 W	6 MHz
2.5 mm	78.000 – 81.500 GHz ²⁴	50/25 W ¹⁷	10 MHz	78.000 – 81.500 GHz ²⁴	10 W	10 MHz
	122.250 – 122.251 GHz ¹²	50/25 W ¹⁷	6 MHz ⁴	122.250 – 122.251 GHz ¹²	10 W	6 MHz ⁴
	122.251 – 123.000 GHz ¹¹	50/25 W ¹⁷	2.7 kHz ²³	122.251 – 123.000 GHz ¹¹	10 W	2.7 kHz ²³
2 mm	134.000 – 134.928 GHz ¹¹	50/25 W ¹⁷	6 MHz ²³	134.000 – 134.928 GHz ¹¹	10 W	6 MHz ²³
	134.928 – 134.930 GHz ¹²	50/25 W ¹⁷	2.7 kHz ⁴	134.928 – 134.930 GHz ¹²	10 W	2.7 kHz ⁴
1.2 mm	134.930 – 141.000 GHz	50/25 W ¹⁷	10 MHz	134.930 – 141.000 GHz	10 W	10 MHz
	241.000 – 248.000 GHz	50/25 W ¹⁷	10 MHz	241.000 – 248.000 GHz	10 W	10 MHz
	248.000 – 248.001 GHz ¹¹	50/25 W ¹⁷	2.7 kHz ²³	248.000 – 248.001 GHz ¹¹	10 W	2.7 kHz ²³
	248.001 – 250.000 GHz	50/25 W ¹⁷	10 MHz	248.001 – 250.000 GHz	10 W	10 MHz

Notes

- 1 Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
- 2 CW
- 3 500 W PEP for CEPT Licence with CW examination (12 wpm), 100 W PEP for CEPT Licence without CW examination
- 4 CW, digital
- 5 CW, SSB, digital
- 6 Only for CEPT Licence with CW examination (12 wpm)
- 7 Digital

- 8 Beacon stations, reception only
9 CW, SSB
10 CW, SSB, beacon stations
11 Satellite communication
12 EME communication
13 100 W PEP for CEPT Licence with CW examination (12 wpm), 50 W PEP for CEPT Licence without CW examination
14 MS communication
15 144.490–144.494 MHz: beacon stations, reception only
16 Error in amateur radio regulations (BFRR): 144.794–145.000 MHz
17 50 W PEP for CEPT Licence with CW examination (12 wpm), 25 W PEP for CEPT Licence without CW examination
18 432,491–432,493 MHz: beacon stations, reception only
19 FM, digital voice
20 Error in amateur radio regulations (BFRR): 433.400–434.600 MHz
21 CW, FM, digital
22 CW, SSB, digital, beacon stations
23 CW, SSB, FM, digital
24 Error in amateur radio regulations (BFRR): 77.501–81.500 GHz

Info

State Commission for Radio Frequencies under the Security Council of the Republic of Belarus: *Perechen' polos radiochastot I usloviya ikh ispol'zovaniya radiostantsiyami lyubitel'skoy I sputnikovoy radiosluzhb v KV diapazone*. https://bfrr.net/download/Решение №19K_11 от 14 октября 2011г..pdf (current as of 2011-10-14)

Belorusskaya Federaciya Radiolyubiteley i Radiosportsmenov (BFRR): *Tablica raspredeleniya polos radiochastot mezhdu radiosluzhbami Respubliki Belarus'*. <https://bfrr.net/download/fileb553b35157e89276.PDF> (current as of 2016-08-09)

—: *Perechen' polos radiochastot I usloviya ikh ispol'zovaniya radiostantsiyami lyubitel'skoy I sputnikovoy radiosluzhb v Respublike Belarus' KV diapazone s uchetom Rekomendatsiy IARU*. <https://bfrr.net/download/plan.pdf> (current as of 2020-10-29)



Belgium

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	ON/ /M, /MM, /P (optional)			ON/ /M, /MM, /P (optional)		
Equivalent national class	Class A			Class B		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	any			
630 m	472.000 – 479.000 kHz	5 W EIRP	any			
	501.000 – 504.000 kHz	5 W EIRP	100 Hz ¹			
160 m	1.810 – 1.850 MHz	1.5 kW	any	1.810 – 2.000 MHz	100 W	any ²
	1.850 – 2.000 MHz	150 W	any			
80 m	3.500 – 3.800 MHz	1.5 kW	any	3.500 – 3.800 MHz	100 W	any ²
60 m	5.3515 – 5.3665 MHz	15 W EIRP ³	any			
40 m	7.000 – 7.200 MHz	1.5 kW	any	7.000 – 7.200 MHz	100 W	any ²
30 m	10.100 – 10.150 MHz	1.5 kW	any	10.100 – 10.150 MHz	100 W	any ²
20 m	14.000 – 14.350 MHz	1.5 kW	any	14.000 – 14.350 MHz	100 W	any ²
17 m	18.068 – 18.168 MHz	1.5 kW	any	18.068 – 18.168 MHz	100 W	any ²
15 m	21.000 – 21.450 MHz	1.5 kW	any	21.000 – 21.450 MHz	100 W	any ²
12 m	24.890 – 24.990 MHz	1.5 kW	any	24.890 – 24.990 MHz	100 W	any ²
10 m	28.000 – 29.700 MHz	1.5 kW	any	28.000 – 29.700 MHz	100 W	any ²
8 m ⁴	40.660 – 40.690 MHz	5 W ERP	A1A, F3E, J2D, J2B, J3E			
6 m	50.000 – 52.000 MHz	200 W	any	50.000 – 52.000 MHz	100 W	any ²
4 m	69.950 MHz	10 W EIRP	10 kHz			
	70.1125 – 70.4125 MHz	50 W	any			
2 m	144.000 – 146.000 MHz	1.5 kW	any	144.000 – 146.000 MHz	50 W	any ²
70 cm	430.000 – 433.050 MHz	1.5 kW	any	430.000 – 440.000 MHz	50 W	any ²
	433.050 – 434.790 MHz	200 W ⁵	any			
	434.790 – 440.000 MHz	1.5 kW	any			
23 cm	1.240 – 1.270 GHz	200 W	any			
	1.270 – 1.300 GHz	200 W ⁶	any			
13 cm	2.300 – 2.450 GHz	200 W	any			
9 cm						
6 cm	5.650 – 5.850 GHz	200 W	any			
3 cm	10.000 – 10.500 GHz	200 W	any			
1.2 cm	24.000 – 24.250 GHz	200 W	any			
6 mm	47.000 – 47.200 GHz	200 W	any			
4 mm	75.500 – 81.000 GHz	200 W	any			
2.5 mm	122.250 – 123.000 GHz	200 W	any			
2 mm	142.000 – 149.000 GHz	200 W	any			
1.2 mm	241.000 – 250.000 GHz	200 W	any			

Notes

- ¹ A1A
- ² Any mode except ATV, DATV
- ³ Error in amateur radio regulations (BIPT): 15 W ERP
- ⁴ Special permission required (for Belgian licence holders only)
- ⁵ ATV, DATV: 200 W EIRP
- ⁶ ATV, DATV: 20 W ERP

Info

Belgisch Instituut voor Postdiensten en Telecommunicatie (BIPT): *Besluit van de Raad van het BIPT van 24 Mei 2019 betreffende de frequenties, vermogens en transmissiemodi die mogen worden gebruikt door de radioamateurs.*

https://bipt.be/file/cc73d96153bbd5448a56f19d925d05b1379c7f21/ba05ea9d3611d44667462d979daa834bca246b0c/2019-05-24_RAM-besluit.pdf (current as of 2019-05-24)

—: *Frequentieplan*. <https://bipt.be/consumenten/frequentieplan> (current as of 2024-01-09)

Unie van de Belgische Zendamateurs (UBA): *Frequenties/vermogens*. <https://www.uba.be/nl/info/frequentie-vermogens> (current as of 2024-03-11)

—: *Fréquences/Puissances*. <https://www.uba.be/fr/info/frequences-puissances> (current as of 2024-03-11)

—: *Rules and Regulations*. <https://www.uba.be/en/visiting-belgium/rules-and-regulations> (current as of 2024-03-11)

—: *40 MHz Band in Belgium*. <https://www.uba.be/en/news/40-mhz-band-belgium-0> (current as of 2023-08-29)

Bosnia and Hercegovina

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
	HAREC T/R 61-02 implemented according to national amateur radio regulations, but Bosnia and Hercegovina not included in the List of CEPT Countries (T/R 61-02, Annex 2)			ERC Report 32 applied		
Call sign prefix	E7/			E7/		
Extensions						
Equivalent national class	Class CEPT			Class N (Novice)		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW			
630 m	472.000 – 479.000 kHz	1 W EIRP	CW			
160 m	1.810 – 1.830 MHz	1.5 kW	CW			
	1.830 – 2.000 MHz	1.5 kW	any			
80 m	3.500 – 3.800 MHz	1.5 kW	any			
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	1.5 kW	any			
30 m	10.100 – 10.150 MHz	1.5 kW	CW			
20 m	14.000 – 14.350 MHz	1.5 kW	any			
17 m	18.068 – 18.168 MHz	1.5 kW	any			
15 m	21.000 – 21.450 MHz	1.5 kW	any			
12 m	24.890 – 24.990 MHz	1.5 kW	any			
10 m	28.000 – 29.700 MHz	1.5 kW	any			
6 m	50.000 – 52.000 MHz	1.5 kW	CW, SSB			
4 m	68.000 – 74.800 MHz	1.5 kW	any			
2 m	144.000 – 146.000 MHz	1.5 kW	any	144.500 – 146.000 MHz	150 W	any
70 cm	430.000 – 440.000 MHz	1.5 kW	any	432.500 – 434.825 MHz	150 W	any
23 cm	1.240 – 1.300 GHz	1.5 kW	any	1.286 – 1.286987 GHz	150 W	any
13 cm	2.304 – 2.450 GHz	1.5 kW	any			
9 cm	3.400 – 3.600 GHz	1.5 kW	any			
6 cm	5.650 – 5.850 GHz	1.5 kW	any			
3 cm	10.000 – 10.500 GHz	1.5 kW	any			
1.2 cm	24.000 – 24.250 GHz	1.5 kW	any			
6 mm	47.000 – 47.200 GHz	1.5 kW	any			
4 mm	75.500 – 84.000 GHz	1.5 kW	any			
2.5 mm	122.250 – 123.000 GHz	1.5 kW	any			
2 mm	134.000 – 141.000 GHz	1.5 kW	any			
1.2 mm	241.000 – 250.000 GHz	1.5 kW	any			

Info

Regulatorna agencija za komunikacije (RAK): *Pravilo 86/2018. Plan namjene i korištenja radiofrekvencijskog spektra u Bosni i Hercegovini*. <https://docs.rak.ba/documents/9e6e7c0e-4581-4f7c-8a84-8d8fb2f66092.pdf> (current as of 2018-06-20)

—: *Pravilo 92/2020 o radioamaterskoj službi*. <http://www.sluzbenilist.ba/page/akt/9mwrBbJENFW=> (current as of 2020-12-22)

—: *Pravilo o dopunama pravila 92/2020 o radioamaterskoj službi*. <http://www.sluzbenilist.ba/page/akt/8aDfGyNvu5k=> (current as of 2022-06-24)

Bulgaria

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	LZ/		
Extensions	/AM, /M, /MM, /P (optional)		
Equivalent national class	Class 1		
Band	Frequency Range	Power (PEP) ¹	Bandwidth/ Modes ²
2200 m	135.700 – 137.800 kHz	1 W EIRP	A1A
630 m	472.000 – 479.000 kHz	1 W EIRP	A1A
160 m	1.810 – 1.850 MHz	100 W	A1A, J3E
	1.850 – 2.000 MHz	10 W	A1A, J3E
80 m	3.500 – 3.800 MHz	350 W	any
60 m	5.250 – 5.3515 MHz	100 W	any
	5.3515 – 5.3665 MHz	15 W EIRP	any
	5.3665 – 5.450 MHz	100 W	any
40 m	7.000 – 7.200 MHz	350 W	any
30 m	10.100 – 10.150 MHz	350 W	A1A, J2A, J2B, J2C, J2D
20 m	14.000 – 14.350 MHz	350 W	any
17 m	18.068 – 18.168 MHz	350 W	any
15 m	21.000 – 21.450 MHz	350 W	any
12 m	24.890 – 24.990 MHz	350 W	any
10 m	28.000 – 29.700 MHz	350 W	any
6 m	50.000 – 50.9625 MHz	100 W	any
	51.5125 – 51.5375 MHz ³	100 W	any
4 m	70.000 – 70.500 MHz	50 W	A1A, A1B, A1C, A1D, J3C, J3E, J3F
2 m	144.000 – 146.000 MHz	150 W	any
70 cm	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	50 W	any
13 cm	2.300 – 2.450 GHz	5 W	any
9 cm	3.400 – 3.500 GHz	5 W	any
6 cm	5.650 – 5.850 GHz	5 W	any
3 cm	10.000 – 10.500 GHz	1 W	any
1.2 cm	24.000 – 24.250 GHz	1 W	any
6 mm	47.000 – 47.200 GHz	1 W	any
4 mm	75.500 – 81.500 GHz	1 W	any
2.5 mm	122.250 – 123.000 GHz	1 W	any
2 mm	134.000 – 141.000 GHz	1 W	any
1.2 mm	241.000 – 250.000 GHz	1 W	any

Notes

- ¹ 1.81 MHz–1.3 GHz: maximum power 50 W PEP during mobile operation, 10 W PEP during portable operation
² Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
³ No mobile or portable operation permitted

Info

Communications Regulation Commission (CRC): *Tehnicheski iziskvaniya za osashtestvyavane na elektronni saobshteniya chrez radiosorazheniya ot lyubitelska radiosluzhba*. https://crc.bg/files/_en/Techicheski_iziskvania_radiolub_2019-01-18_30.01.2019_EN.pdf (current as of 2019-01-30)

—: *Pravila za izpolzване na radiochestoten spektar za radiosorazheniya ot lyubitelska radiosluzhba*. https://crc.bg/files/Pravna/20220510_Pravila_radiolubiteli.pdf (current as of 2022-05-10)

—: *National Plan for Radio Frequency Spectrum Allocation*. https://crc.bg/files/URChS/RChS/FrequencyPlan2023_EN.pdf (current as of 2023-08-09)

—: *Information about radio amateurs. Radio amateur regulations for visitors in the Republic of Bulgaria*. <https://crc.bg/en/rubrics/474/information-about-radio-amateurs> (current as of 2024-03-11)

*Canada

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted without guest licence		
Call sign prefix	HAREC T/R 61-02 not implemented					
Extensions	/M, /P			/M, /P		
Equivalent national class	Amateur Radio Operator Certificate with Basic and Advanced Qualifications			Amateur Radio Operator Certificate with Basic Qualification		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	100 Hz			
630 m	472.000 – 479.000 kHz	5 W EIRP	1 kHz			
160 m	1.800 – 2.000 MHz	2.25 kW/750 W ²	6 kHz			
80 m	3.500 – 4.000 MHz	2.25 kW/750 W ²	6 kHz			
60 m	5.332 MHz	100 W ERP	2.8 kHz ³			
	5.348 MHz	100 W ERP	2.8 kHz ³			
	5.3515 – 5.3665 MHz	100 W ERP	2.8 kHz ³			
	5.373 MHz	100 W ERP	2.8 kHz ³			
	5.405 MHz	100 W ERP	2.8 kHz ³			
40 m	7.000 – 7.300 MHz	2.25 kW/750 W ²	6 kHz			
30 m	10.100 – 10.150 MHz	2.25 kW/750 W ²	1 kHz			
20 m	14.000 – 14.350 MHz	2.25 kW/750 W ²	6 kHz			
17 m	18.068 – 18.168 MHz	2.25 kW/750 W ²	6 kHz			
15 m	21.000 – 21.450 MHz	2.25 kW/750 W ²	6 kHz			
12 m	24.890 – 24.990 MHz	2.25 kW/750 W ²	6 kHz			
10 m	28.000 – 29.700 MHz	2.25 kW/750 W ²	20 kHz			
6 m	50.000 – 54.000 MHz	2.25 kW/750 W ²	30 kHz	50.000 – 54.000 MHz	560/190 W ⁴	30 kHz
4 m						
2 m	144.000 – 148.000 MHz	2.25 kW/750 W ²	30 kHz	144.000 – 148.000 MHz	560/190 W ⁴	30 kHz
1.25 m	219.000 – 220.000 MHz	2.25 kW/750 W ²	100 kHz	219.000 – 220.000 MHz	560/190 W ⁴	100 kHz
	222.000 – 225.000 MHz	2.25 kW/750 W ²	100 kHz	222.000 – 225.000 MHz	560/190 W ⁴	100 kHz
70 cm	430.000 – 450.000 MHz	2.25 kW/750 W ²	12 MHz	430.000 – 450.000 MHz	560/190 W ⁴	12 MHz
33 cm	902.000 – 928.000 MHz	2.25 kW/750 W ²	12 MHz	902.000 – 928.000 MHz	560/190 W ⁴	12 MHz
23 cm	1.240 – 1.300 GHz	2.25 kW/750 W ²	any	1.240 – 1.300 GHz	560/190 W ⁴	any
13 cm	2.300 – 2.450 GHz	2.25 kW/750 W ²	any	2.300 – 2.450 GHz	560/190 W ⁴	any
9 cm	3.300 – 3.500 GHz	2.25 kW/750 W ²	any	3.300 – 3.500 GHz	560/190 W ⁴	any
6 cm	5.650 – 5.925 GHz	2.25 kW/750 W ²	any	5.650 – 5.925 GHz	560/190 W ⁴	any
3 cm	10.000 – 10.500 GHz	2.25 kW/750 W ²	any	10.000 – 10.500 GHz	560/190 W ⁴	any
1.2 cm	24.000 – 24.250 GHz	2.25 kW/750 W ²	any	24.000 – 24.250 GHz	560/190 W ⁴	any
6 mm	47.000 – 47.200 GHz	2.25 kW/750 W ²	any	47.000 – 47.200 GHz	560/190 W ⁴	any
4 mm	76.000 – 81.500 GHz	2.25 kW/750 W ²	any	76.000 – 81.500 GHz	560/190 W ⁴	any
2.5 mm	122.250 – 123.000 GHz	2.25 kW/750 W ²	any	122.250 – 123.000 GHz	560/190 W ⁴	any
2 mm	134.000 – 141.000 GHz	2.25 kW/750 W ²	any	134.000 – 141.000 GHz	560/190 W ⁴	any
1.2 mm	241.000 – 250.000 GHz	2.25 kW/750 W ²	any	241.000 – 250.000 GHz	560/190 W ⁴	any

Notes

- ¹ Guest licence and landing permission required for Sable Island (CYØ) and Saint Paul Island (CY9)
- ² 2.25 kW PEP for SSB, 750 W carrier power for all other modes
- ³ A1A, J2B, J2D, J3E only
- ⁴ 560 W PEP for SSB, 190 W carrier power for all other modes

Info

Innovation, Science and Economic Development Canada: *RBR-4 – Standards for the Operation of Radio Stations in the Amateur Radio Service*. <https://ISED-ISDE.canada.ca/site/spectrum-management-telecommunications/en/licences-and-certificates/regulations-reference-rbr/rbr-4-standards-operation-radio-stations-amateur-radio-service> (current as of 2023-12-06)

Croatia

Implementation		CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix		HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions		9A/			9A/		
Equivalent national class		/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Band		Class A			Class P		
		Frequency Range	Power (PEP)	Bandwidth/Modes	Frequency Range	Power (PEP)	Bandwidth/Modes
2200 m		135.700 – 137.800 kHz	1 W EIRP	200 Hz			
630 m		472.000 – 479.000 kHz	1 W EIRP	200 Hz			
160 m		1.810 – 1.850 MHz	1.5 kW	2.7 kHz			
		1.850 – 2.000 MHz	1 kW	2.7 kHz			
80 m		3.500 – 3.800 MHz	1.5 kW	2.7 kHz	3.500 – 3.800 MHz	100 W	2.7 kHz
60 m		5.3515 – 5.3665 MHz	15 W EIRP	2.7 kHz			
40 m		7.000 – 7.200 MHz	1.5 kW	2.7 kHz	7.000 – 7.200 MHz	100 W	2.7 kHz
30 m		10.100 – 10.150 MHz	250 W	2.7 kHz ¹			
20 m		14.000 – 14.350 MHz	1.5 kW	2.7 kHz	14.040 – 14.150 MHz	100 W	2.7 kHz
					14.280 – 14.350 MHz	100 W	2.7 kHz
17 m		18.068 – 18.168 MHz	1.5 kW	2.7 kHz			
15 m		21.000 – 21.450 MHz	1.5 kW	2.7 kHz	21.000 – 21.450 MHz	100 W	2.7 kHz
12 m		24.890 – 24.990 MHz	1.5 kW	2.7 kHz			
10 m		28.000 – 29.700 MHz	1.5 kW	6 kHz	28.000 – 29.700 MHz	100 W	6 kHz
6 m		50.000 – 50.500 MHz	500 W	12 kHz			
		50.500 – 51.900 MHz	100 W	12 kHz			
4 m		70.000 – 70.450 MHz	10 W	12 kHz			
2 m		144.000 – 146.000 MHz	1.5 kW	20 kHz	144.000 – 146.000 MHz	100 W	20 kHz
70 cm		430.000 – 440.000 MHz	1.5 kW	2/7 MHz ²	430.000 – 440.000 MHz	100 W	2/7 MHz ²
23 cm		1.240 – 1.300 GHz	1.5 kW	2/7/18 MHz ³	1.240 – 1.300 GHz	100 W	2/7/18 MHz ³
13 cm		2.300 – 2.450 GHz	150 W	10/20 MHz ⁴	2.300 – 2.450 GHz	100 W	10/20 MHz ⁴
9 cm		3.400 – 3.410 GHz	150 W	10 MHz			
6 cm		5.650 – 5.850 GHz	150 W	10/20 MHz ⁴	5.650 – 5.850 GHz	100 W	10/20 MHz ⁴
3 cm		10.000 – 10.500 GHz	150 W	10/20 MHz ⁴	10.000 – 10.500 GHz	100 W	10/20 MHz ⁴
1.2 cm		24.000 – 24.050 GHz	150 W	⁵	24.000 – 24.050 GHz	100 W	10/20 MHz ⁴
		24.050 – 24.250 GHz	150 W	10/20 MHz ⁴	24.050 – 24.250 GHz	100 W	⁵
6 mm		47.000 – 47.200 GHz	150 W	⁵	47.000 – 47.200 GHz	100 W	⁵
4 mm		76.000 – 81.000 GHz	150 W	10/20 MHz ⁴	76.000 – 81.000 GHz	100 W	10/20 MHz ⁴
2.5 mm		122.250 – 123.000 GHz	150 W	10/20 MHz ⁴	122.250 – 123.000 GHz	100 W	10/20 MHz ⁴
2 mm		134.000 – 141.000 GHz	150 W	10/20 MHz ⁴	134.000 – 141.000 GHz	100 W	10/20 MHz ⁴
1.2 mm		241.000 – 250.000 GHz	150 W	⁵	241.000 – 250.000 GHz	100 W	⁵

Notes

- ¹ A1A, F1B only
- ² AM-ATV, DATV: 7 MHz
- ³ AM-ATV, DATV: 7 MHz; FM-ATV: 18 MHz
- ⁴ AM-ATV, DATV: 10 MHz; FM-ATV: 20 MHz
- ⁵ No bandwidth defined

Info

Hrvatska agencija za poštu i elektroničke komunikacije (HAKOM): *Pravilnik o amaterskim radijskim komunikacijama*.
[https://www.hakom.hr/UserDocsImages/2022/propisi/Pravilnik o amaterskim radijskim komunikacijama NN 150_22.pdf](https://www.hakom.hr/UserDocsImages/2022/propisi/Pravilnik%20o%20amaterskim%20radijskim%20komunikacijama%20NN%20150_22.pdf) (current as of 2022-12-15)

Cyprus

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented 5B/		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	5B/		
Extensions			
Equivalent national class	Amateur Radio License		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	CW, FAX
630 m	472.000 – 479.000 kHz	1 W ERP	any
160 m	1.810 – 2.000 MHz	400 W	any
80 m	3.500 – 3.800 MHz	400 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	400 W	any
30 m	10.100 – 10.150 MHz	400 W	CW
20 m	14.000 – 14.350 MHz	400 W	any
17 m	18.068 – 18.168 MHz	400 W	any
15 m	21.000 – 21.450 MHz	400 W	any
12 m	24.890 – 24.990 MHz	400 W	any
10 m	28.000 – 29.700 MHz	400 W	any
6 m	50.000 – 52.000 MHz	400 W	any
4 m	69.900 – 70.500 MHz	400 W	any
2 m	144.000 – 146.000 MHz	400 W	any
70 cm	430.000 – 440.000 MHz	400 W	any
23 cm	1.240 – 1.300 GHz	400 W	any
13 cm	2.300 – 2.450 GHz	400 W	any
9 cm	3.400 – 3.410 GHz	400 W	any
6 cm	5.650 – 5.850 GHz	400 W	any
3 cm	10.000 – 10.500 GHz	400 W	any
1.2 cm	24.000 – 24.250 GHz	400 W	any
6 mm	47.000 – 47.200 GHz	400 W	any
4 mm	75.500 – 81.500 GHz	400 W	any
2.5 mm	122.250 – 123.000 GHz	400 W	any
2 mm	134.000 – 141.000 GHz	400 W	any
1.2 mm	241.000 – 250.000 GHz	400 W	any

Info

Cyprus Amateur Radio Society (CARS): *Cyprus Amateur Radio Frequency Schedule*. <https://www.cyhams.org/wp/?p=67> (current as of 2011-04-27)

Department of Electronic Communications, Deputy Ministry of Research, Innovation and Digital Policy (DEC-DMRID): *Radio Frequency Plan of the Republic of Cyprus*.

[https://dec.dmrld.gov.cy/dmrld/dec/ws_dec.nsf/72BBBE04F8C7FE17C225881A0027755D/\\$file/Radio_Frequency_Plan_E3.2_24.02.2023\(English Unified Unofficial\)_published.pdf](https://dec.dmrld.gov.cy/dmrld/dec/ws_dec.nsf/72BBBE04F8C7FE17C225881A0027755D/$file/Radio_Frequency_Plan_E3.2_24.02.2023(English Unified Unofficial)_published.pdf) (current as of 2023-02-24)

Czech Republic

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	OK/			OK/		
Equivalent national class	/M, /P (optional)			/M, /P (optional)		
Band	Class A			Class N		
	Frequency Range	Power (PEP)	Bandwidth/Modes ¹	Frequency Range	Power (PEP)	Bandwidth/Modes ¹
2200 m	135.700 – 137.800 kHz	1 W EIRP	A1A, F1A, G1A			
630 m ²	472.000 – 479.000 kHz					
160 m	1.715 – 1.800 MHz ²			1.830 – 2.000 MHz	10 W	any
	1.810 – 1.850 MHz	750 W	any			
	1.850 – 1.890 MHz	75 W	any			
	1.890 – 2.000 MHz	10 W	any			
80 m	3.500 – 3.800 MHz	750 W	any	3.550 – 3.700 MHz	10 W	any
60 m ³	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	750 W	any			
30 m	10.100 – 10.140 MHz	750 W	A1A, F1A, G1A, J2A			
	10.140 – 10.150 MHz	750 W	J1D, J2D, F1D, G1D			
20 m	14.000 – 14.350 MHz	750 W	any			
17 m	18.068 – 18.168 MHz	750 W	any			
15 m	21.000 – 21.450 MHz	750 W	any	21.050 – 21.200 MHz	10 W	any
12 m	24.890 – 24.990 MHz	750 W	any			
10 m	28.000 – 29.700 MHz	750 W	any	28.050 – 28.400 MHz	10 W	any
6 m	50.000 – 52.000 MHz	25 W	any			
4 m ²	70.100 – 70.300 MHz					
2 m	144.000 – 146.000 MHz	750 W	any	144.000 – 146.000 MHz	10 W	any
70 cm	430.000 – 440.000 MHz	750 W	any	430.000 – 440.000 MHz	10 W	any
23 cm	1.240 – 1.300 GHz	750 W	any	1.240 – 1.300 GHz	10 W	any
13 cm	2.300 – 2.450 GHz	750 W	any	2.300 – 2.450 GHz	10 W	any
9 cm	3.400 – 3.410 GHz	25 W	any	3.400 – 3.410 GHz	10 W	any
6 cm	5.650 – 5.850 GHz	750 W	any	5.650 – 5.850 GHz	10 W	any
3 cm	10.000 – 10.500 GHz	750 W	any	10.000 – 10.500 GHz	10 W	any
1.2 cm	24.000 – 24.250 GHz	750 W	any	24.000 – 24.250 GHz	10 W	any
6 mm	47.000 – 47.200 GHz	750 W	any	47.000 – 47.200 GHz	10 W	any
4 mm	75.500 – 81.000 GHz	750 W	any	75.500 – 81.000 GHz	10 W	any
2.5 mm	122.250 – 123.000 GHz	750 W	any	122.250 – 123.000 GHz	10 W	any
2 mm	134.000 – 141.000 GHz	750 W	any	134.000 – 141.000 GHz	10 W	any
1.2 mm	241.000 – 250.000 GHz	750 W	any	241.000 – 250.000 GHz	10 W	any

Notes

- ¹ Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
- ² Band listed in the national frequency plan (Plán přidělení kmitočtových pásem), but not included in the national amateur radio regulations
- ³ Special permission required

Info

Ministerstvo informatiky: Vyhláška č. 156/2005 Sb. Vyhláška o technických a provozních podmínkách amatérské radiokomunikační služby. <https://www.zakonyprolidi.cz/cs/2005-156> (current as of 2005-05-01)

Czech Telecommunication Office: Plán přidělení kmitočtových pásem.

<https://www.ctu.eu/sites/default/files/obsah/stranky/60370/soubory/nkt2021p.pdf> (current as of 2021-12-14)

—: Využití rádiového spectra. [https://spektrum.ctu.cz/kmitocty?filter\[servicelds\]\[0\]=1](https://spektrum.ctu.cz/kmitocty?filter[servicelds][0]=1) (current as of 2022-11-14)

Denmark – Denmark, Faroe Islands

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Call sign prefix	OY/ Føroyar/Faroe Islands OZ/ Danmark/Denmark			OY/ Føroyar/Faroe Islands OZ/ Danmark/Denmark		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	Category A			Category B		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	2.1 kHz	135.700 – 137.800 kHz	1 W ERP	2.1 kHz
630 m	472.000 – 479.000 kHz	1 W ERP	2.1 kHz	472.000 – 479.000 kHz	1 W ERP	2.1 kHz
160 m	1.810 – 1.850 MHz	1 kW	8 kHz	1.810 – 1.850 MHz	100 W	8 kHz
	1.850 – 2.000 MHz	10 W	8 kHz	1.850 – 2.000 MHz	10 W	8 kHz
80 m	3.500 – 3.800 MHz	1 kW	8 kHz	3.500 – 3.800 MHz	100 W	8 kHz
60 m	5.250 – 5.450 MHz	1 kW	8 kHz	5.250 – 5.450 MHz	100 W	8 kHz
40 m	7.000 – 7.200 MHz	1 kW	8 kHz	7.000 – 7.200 MHz	100 W	8 kHz
30 m	10.100 – 10.150 MHz	1 kW	8 kHz	10.100 – 10.150 MHz	100 W	8 kHz
20 m	14.000 – 14.350 MHz	1 kW	8 kHz	14.000 – 14.350 MHz	100 W	8 kHz
17 m	18.068 – 18.168 MHz	1 kW	8 kHz	18.068 – 18.168 MHz	100 W	8 kHz
15 m	21.000 – 21.450 MHz	1 kW	8 kHz	21.000 – 21.450 MHz	100 W	8 kHz
12 m	24.890 – 24.990 MHz	1 kW	8 kHz	24.890 – 24.990 MHz	100 W	8 kHz
10 m	28.000 – 29.700 MHz	1 kW	8 kHz	28.000 – 29.700 MHz	100 W	8 kHz
6 m	50.000 – 52.000 MHz	1 kW	16 kHz	50.000 – 52.000 MHz	100 W	16 kHz
4 m	69.8875 – 70.0625 MHz	25 W	16 kHz	69.8875 – 70.0625 MHz	25 W	16 kHz
	70.0875 – 70.1125 MHz	25 W	16 kHz	70.0875 – 70.1125 MHz	25 W	16 kHz
	70.1375 – 70.5125 MHz	25 W	16 kHz	70.1375 – 70.5125 MHz	25 W	16 kHz
2 m	144.000 – 146.000 MHz	1 kW	16 kHz	144.000 – 146.000 MHz	100 W	16 kHz
70 cm	432.000 – 438.000 MHz	1 kW	any	432.000 – 438.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	250 W	any	1.240 – 1.300 GHz	100 W	any
13 cm	2.400 – 2.450 GHz	250 W	any	2.400 – 2.450 GHz	100 W	any
9 cm	3.400 – 3.410 GHz	250 W	any	3.400 – 3.410 GHz	100 W	any
6 cm	5.650 – 5.850 GHz	250 W	any	5.650 – 5.850 GHz	100 W	any
3 cm	10.000 – 10.500 GHz	250 W	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	250 W	any	24.000 – 24.250 GHz	100 W	any
6 mm	47.000 – 47.200 GHz	250 W	any	47.000 – 47.200 GHz	100 W	any
4 mm	76.000 – 81.500 GHz	250 W	any	76.000 – 81.500 GHz	100 W	any
2.5 mm	122.250 – 123.000 GHz	250 W	any	122.250 – 123.000 GHz	100 W	any
2 mm	134.000 – 141.000 GHz	250 W	any	134.000 – 141.000 GHz	100 W	any
1.2 mm	241.000 – 250.000 GHz	250 W	any	241.000 – 250.000 GHz	100 W	any

Info

Retsinformation: *Bekendtgørelse om anvendelse af radiofrekvenser uden tilladelse samt om amatøradioprøver og kaldesignaler m.v.*
<https://www.retsinformation.dk/eli/ltal/2023/1344> (current as of 2023-11-22)

—: *Bekendtgørelse om fastlæggelse af rammerne for anvendelse og indbyrdes prioritering af de samlede radiofrekvensressourcer (frekvensplan).* <https://www.retsinformation.dk/eli/ltal/2023/804> (current as of 2023-06-14)

Denmark – Greenland

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	OX/ Grønland/Greenland			OX/ Grønland/Greenland		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	Category A			Category B		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	2.1 kHz	135.700 – 137.800 kHz	1 W ERP	2.1 kHz
630 m	472.000 – 479.000 kHz	1 W ERP	2.1 kHz	472.000 – 479.000 kHz	1 W ERP	2.1 kHz
160 m	1.810 – 2.000 MHz	1 kW	8 kHz	1.810 – 2.000 MHz	100 W	8 kHz
80 m	3.500 – 3.800 MHz	1 kW	8 kHz	3.500 – 3.800 MHz	100 W	8 kHz
60 m	5.250 – 5.450 MHz	1 kW	8 kHz	5.250 – 5.450 MHz	100 W	8 kHz
40 m	7.000 – 7.300 MHz	1 kW	8 kHz	7.000 – 7.300 MHz	100 W	8 kHz
30 m	10.100 – 10.150 MHz	1 kW	8 kHz	10.100 – 10.150 MHz	100 W	8 kHz
20 m	14.000 – 14.350 MHz	1 kW	8 kHz	14.000 – 14.350 MHz	100 W	8 kHz
17 m	18.068 – 18.168 MHz	1 kW	8 kHz	18.068 – 18.168 MHz	100 W	8 kHz
15 m	21.000 – 21.450 MHz	1 kW	8 kHz	21.000 – 21.450 MHz	100 W	8 kHz
12 m	24.890 – 24.990 MHz	1 kW	8 kHz	24.890 – 24.990 MHz	100 W	8 kHz
10 m	28.000 – 29.700 MHz	1 kW	8 kHz	28.000 – 29.700 MHz	100 W	8 kHz
6 m	50.000 – 54.000 MHz	1 kW	16 kHz	50.000 – 54.000 MHz	100 W	16 kHz
4 m	70.000 – 70.500 MHz	1 kW	16 kHz	70.000 – 70.500 MHz	100 W	16 kHz
2 m	144.000 – 148.000 MHz	1 kW	16 kHz	144.000 – 148.000 MHz	100 W	16 kHz
70 cm	430.000 – 440.000 MHz	1 kW	any	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	250 W	any	1.240 – 1.300 GHz	100 W	any
13 cm	2.300 – 2.450 GHz	250 W	any	2.300 – 2.450 GHz	100 W	any
9 cm	3.400 – 3.500 GHz	250 W	any	3.400 – 3.500 GHz	100 W	any
6 cm	5.650 – 5.925 GHz	250 W	any	5.650 – 5.925 GHz	100 W	any
3 cm	10.000 – 10.500 GHz	250 W	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	250 W	any	24.000 – 24.250 GHz	100 W	any
6 mm	47.000 – 47.200 GHz	250 W	any	47.000 – 47.200 GHz	100 W	any
4 mm	76.000 – 81.500 GHz	250 W	any	76.000 – 81.500 GHz	100 W	any
2.5 mm	122.250 – 123.000 GHz	250 W	any	122.250 – 123.000 GHz	100 W	any
2 mm	134.000 – 141.000 GHz	250 W	any	134.000 – 141.000 GHz	100 W	any
1.2 mm	241.000 – 250.000 GHz	250 W	any	241.000 – 250.000 GHz	100 W	any

Info

Klima-, Energi- og Forsyningsministeriet: *Bekendtgørelse for Grønland om anvendelse af radiofrekvenser uden tilladelse samt om radioprøver og kaldesignaler m.v.* <https://dgt.cdn.fo/savn/leipnyex/bekendtgørelse-nr-1999-af-9-december-2020-for-groenland-om-anvendelse-af-radiofrekvenser-uden-tilladelse-samt-om-radioprøver-og-kaldesignaler-mv.pdf?s=h7RFvTBLAHAFfE3F8w37WpCTxMc> (current as of 2020-12-09)

—: *Bekendtgørelse om fastlæggelse af rammerne for anvendelse og indbyrdes prioritering af de samlede radiofrekvensressourcer i Grønland (frekvensplan).* <https://dgt.cdn.fo/savn/czraddqy/bekendtgørelse-nr-1998-af-9-december-2020-for-groenland-om-fastlaeggelse-af-rammerne-for-anvendelse-og-indbyrdes-prioritering-af-de-samlede-radiofrekvensressourcer-i-groenland-frekvensplan.pdf?s=lKA3H58KCnGTbYPQKV3mKUBGfOw> (current as of 2020-12-09)

Estonia

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented according to national amateur radio regulations, but Estonia not included in the List of CEPT Countries (ECC/REC/(05)06, Annex 2)		
	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Call sign prefix	ES1/ Tallinn ES2/ Harjumaa ES3/ Järvamaa, Läänemaa, Raplamaa ES4/ Ida-Virumaa, Lääne-Virumaa ES5/ Jõgevamaa, Tartumaa ES6/ Põlvamaa, Valgamaa, Võrumaa ES7/ Viljandimaa ES8/ Pärnumaa ESØ/ Hiiumaa, Saaremaa, islands			ES1/ Tallinn ES2/ Harjumaa ES3/ Järvamaa, Läänemaa, Raplamaa ES4/ Ida-Virumaa, Lääne-Virumaa ES5/ Jõgevamaa, Tartumaa ES6/ Põlvamaa, Valgamaa, Võrumaa ES7/ Viljandimaa ES8/ Pärnumaa ESØ/ Hiiumaa, Saaremaa, islands		
Extensions	/AM, /M, /P ¹			/AM, /M, /P ¹		
Equivalent national class	CEPT Licence with CW examination (5 wpm): Class A CEPT Licence without CW examination: Class B			Class D		
Band	Frequency Range	Power (PEP)	Bandwidth/Modes²	Frequency Range	Power (PEP)	Bandwidth/Modes²
2200 m	135.700 – 137.800 kHz	1 W ERP	CW, digital			
630 m	472.000 – 479.000 kHz	1 W ERP	CW, digital			
160 m	1.810 – 1.850 MHz	1 kW/100 W ³	CW, phone, digital			
	1.850 – 1.955 MHz	10 W ERP	CW, phone			
80 m	3.500 – 3.800 MHz	1 kW/100 W ³	CW, phone, digital	3.500 – 3.800 MHz	10 W	CW, phone, digital
60 m	5.3515 – 5.3665 MHz	15 W EIRP	CW, phone, digital			
40 m	7.000 – 7.200 MHz	1 kW/100 W ³	CW, phone, digital			
30 m	10.100 – 10.150 MHz	1 kW/100 W ³	CW, digital			
20 m	14.000 – 14.350 MHz	1 kW/100 W ³	CW, phone, digital			
17 m	18.068 – 18.168 MHz	1 kW/100 W ³	CW, phone, digital			
15 m	21.000 – 21.450 MHz	1 kW/100 W ³	CW, phone, digital			
12 m	24.890 – 24.990 MHz	1 kW/100 W ³	CW, phone, digital			
10 m	28.000 – 29.700 MHz	1 kW/100 W ³	CW, phone, digital	28.000 – 29.700 MHz	10 W	CW, phone, digital
6 m	50.000 – 52.000 MHz	1 kW/100 W ³	CW, phone, digital	50.200 – 52.000 MHz	10 W	CW, phone, digital
4 m	70.000 – 70.300 MHz	1 kW/100 W ^{3,4}	CW, phone, digital	70.000 – 70.300 MHz	10 W	CW, phone, digital
2 m	144.000 – 146.000 MHz	1 kW/100 W ³	CW, phone, digital	144.000 – 146.000 MHz	10 W	CW, phone, digital
70 cm	432.000 – 438.000 MHz	1 kW/100 W ³	CW, phone, digital, ATV	432.000 – 438.000 MHz	10 W	CW, phone, digital, ATV
23 cm	1.240 – 1.300 GHz	100 W ⁵	CW, phone, digital, ATV	1.240 – 1.300 GHz	10 W	CW, phone, digital, ATV
13 cm ⁶	2.400 – 2.450 GHz	100 W ⁵	CW, phone, digital			
9 cm ⁶	3.400 – 3.401 GHz	100 W ⁵	CW, phone, digital			
6 cm ⁶	5.650 – 5.850 GHz	100 W ⁵	CW, phone, digital, ATV			
3 cm ⁶	10.000 – 10.500 GHz	100 W ⁵	CW, phone, digital, ATV			
1.2 cm ⁶	24.000 – 24.250 GHz					
6 mm ⁶	47.000 – 47.200 GHz					
4 mm ⁶	76.000 – 84.000 GHz					
2.5 mm ⁶	122.250 – 123.000 GHz					
2 mm ⁶	134.000 – 141.000 GHz					
1.2 mm ⁶	241.000 – 250.000 GHz					

Notes

¹ Portable operation only with handheld VHF/UHF/SHF equipment

² Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

³ 1 kW PEP for CEPT Licence with CW examination 5 wpm, 100 W PEP for CEPT Licence without CW examination

⁴ 100 W PEP in Ida-Virumaa

⁵ 1 kW PEP for A1A, F1B, J3E by CEPT Licence with CW examination (5 wpm), 100 W PEP for all other classes of emission by CEPT Licence with CW examination (5 wpm) and by CEPT Licence without CW examination

⁶ According to the website of the Estonian Radio Amateurs Union (ERAU), holders of a valid CEPT amateur radio licence can use amateur radio equipment in Estonia on all allocated frequency bands from 1.8 MHz to 1.3 GHz.

Info

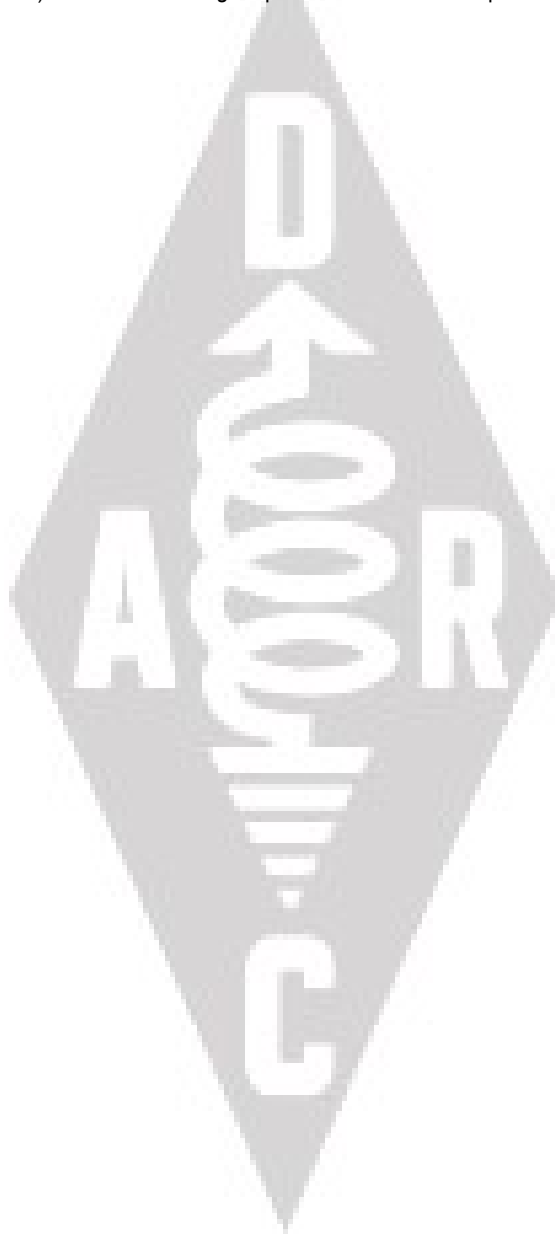
Minister of Economic Affairs and Communications: *Amatöörraadioraadiosagedusalad, saateliigis, kiirguskiirgus ja suurimad saatevõimsused*. https://www.riigiteataja.ee/akt/1050/4201/7001/MKM_31032017_m21_lisa.pdf (current as of 2017-04-03)

—: *Eesti raadiosagedusplaan*. https://www.riigiteataja.ee/akt/1250/1201/9006/MKM_22012019_m6lisa1.pdf (current as of 2019-01-25)

—: *Raadioamatöörile kvalifikatsiooni andmise ja raadiosageduste amatöörraadioraadioside otstarbel kasutamise kord*.

<https://www.riigiteataja.ee/akt/872993?leiaKehtiv> (current as of 2019-03-01)

Estonian Radio Amateurs Union (ERAU): *CEPT & Licensing*. <https://www.erau.ee/en/cept-and-licensing> (current as of 2023-11-29)



Finland

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Call sign prefix	OH/ Suomi/Finland OHØ/ Åland/Ahvenanmaa/Åland Islands OJØ ¹ Märketin majakka/Market Reef			OH/ Suomi/Finland OHØ/ Åland/Ahvenanmaa/Åland Islands OJØ ¹ Märketin majakka/Market Reef		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	Class Y (General)			Class P (Elementary)		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range²	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	1.5 kW	8 kHz	1.810 – 1.850 MHz	120 W	8 kHz
	1.850 – 2.000 MHz	60 W ³	8 kHz	1.850 – 2.000 MHz	60 W ³	8 kHz
80 m	3.500 – 3.800 MHz	1.5 kW	8 kHz	3.500 – 3.800 MHz	120 W	8 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	8 kHz	5.3515 – 5.3665 MHz	15 W EIRP	8 kHz
40 m	7.000 – 7.200 MHz	1.5 kW	8 kHz	7.000 – 7.200 MHz	120 W	8 kHz
30 m	10.100 – 10.150 MHz	1.5 kW	1 kHz	10.100 – 10.150 MHz	120 W	1 kHz
20 m	14.000 – 14.350 MHz	1.5 kW	8 kHz	14.000 – 14.350 MHz	120 W	8 kHz
17 m	18.068 – 18.168 MHz	1.5 kW	8 kHz	18.068 – 18.168 MHz	120 W	8 kHz
15 m	21.000 – 21.450 MHz	1.5 kW	8 kHz	21.000 – 21.450 MHz	120 W	8 kHz
12 m	24.890 – 24.990 MHz	1.5 kW	8 kHz	24.890 – 24.990 MHz	120 W	8 kHz
10 m	28.000 – 29.700 MHz	1.5 kW	8 kHz	28.000 – 29.700 MHz	120 W	8 kHz
6 m	50.000 – 52.000 MHz	200 W ^{4,5}	18 kHz	50.000 – 52.000 MHz	120 W ^{5,6}	18 kHz
4 m ⁷	70.000 – 70.050 MHz	25 W ⁸	1 kHz	70.000 – 70.050 MHz	25 W ⁸	1 kHz
	70.050 – 70.250 MHz	100 W ^{8,9}	18 kHz	70.050 – 70.250 MHz	30 W ^{8,9}	18 kHz
	70.250 – 70.5125 MHz	25 W ⁸	18 kHz	70.250 – 70.300 MHz	25 W ⁸	18 kHz
2 m	144.000 – 144.150 MHz	600/150 W ¹⁰	18 kHz	144.000 – 146.000 MHz	120 W ⁶	18 kHz
	144.150 – 146.000 MHz	600 W ¹¹	18 kHz			
70 cm	432.000 – 432.150 MHz	600/150 W ¹⁰	any	432.000 – 438.000 MHz	120 W ⁶	any
	432.150 – 438.000 MHz	600 W ¹¹	any			
23 cm ¹²	1.240 – 1.300 GHz	600 W ¹¹	any	1.240 – 1.300 GHz	120 W ⁶	any
13 cm	2.300 – 2.450 GHz	600 W ¹¹	any	2.400 – 2.450 GHz	120 W ⁶	any
9 cm	3.400 – 3.408 GHz	600 W ¹¹	any	3.400 – 3.408 GHz	120 W ⁶	any
6 cm	5.650 – 5.850 GHz	600 W ¹¹	any	5.650 – 5.850 GHz	120 W ⁶	any
3 cm	10.000 – 10.280 GHz	600 W ¹¹	any	10.000 – 10.280 GHz	120 W ⁶	any
	10.368 – 10.370 GHz	600 W ¹¹	any	10.368 – 10.370 GHz	120 W ⁶	any
	10.450 – 10.500 GHz	600 W ¹¹	any	10.450 – 10.500 GHz	120 W ⁶	any
1.2 cm	24.000 – 24.250 GHz	600 W ¹¹	any	24.000 – 24.250 GHz	120 W ⁶	any
6 mm	47.000 – 47.200 GHz	600 W ¹¹	any	47.000 – 47.200 GHz	120 W ⁶	any
4 mm	76.000 – 81.500 GHz	600 W ¹¹	any	76.000 – 81.500 GHz	120 W ⁶	any
2.5 mm	122.250 – 123.000 GHz	600 W ¹¹	any	122.250 – 123.000 GHz	120 W ⁶	any
2 mm	134.000 – 141.000 GHz	600 W ¹¹	any	134.000 – 141.000 GHz	120 W ⁶	any
1.2 mm	241.000 – 250.000 GHz	600 W ¹¹	any	241.000 – 250.000 GHz	120 W ⁶	any

Notes

- ¹ Prefix accepted according to the website of the Finnish Amateur Radio League (Suomen Radioamatööriliitto, SRAL), but not included in the national amateur radio regulations
- ² Only frequency ranges that are permitted in the home country
- ³ 15 W carrier power/60 W PEP
- ⁴ 150 W carrier power/200 W PEP
- ⁵ The electrical field emitted by amateur radio transmitters on the border of Finland and the Russian Federation at an altitude of 10 metres may not exceed +6dBuV/m during more than 10% of the time.
- ⁶ 30 W carrier power/120 W PEP
- ⁷ No transmissions in the following municipalities: Lieksa, Iloanta, Joensuu, Kontiolahti, Polvijärvi, Juuka, Nurmes, Valtimo, Kuhmo, Hyrynsalmi, Suomussalmi, Ristijärvi and Sotkamo
- ⁸ In an area closer than 50 km from the borders of the Russian Federation and Finland the main lobe of the transmitting antenna must not point into directions between 0 degrees and 180 degrees and the maximum transmitting power permitted is 25 W.
- ⁹ In an area closer than 50 km from the borders of Norway and Finland the maximum transmitting power permitted is 25 W.
- ¹⁰ 600 W carrier power for A1A, digital modes, 150 W carrier power for other modes
- ¹¹ 150 W carrier power/600 W PEP
- ¹² Special permission required

Info

Finnish Transport and Communications Agency (Traficom): *Regulation governing amateur radio stations and their use.*
https://finlex.fi/data/normit/45134/EN_M_6_K_Radioamateurregulation.pdf (current as of 2019-04-09)

—: *Radio frequency regulation 4 AD / 2023M.* [https://www.traficom.fi/sites/default/files/media/regulation/Radio frequency regulation 4AD3023M.pdf](https://www.traficom.fi/sites/default/files/media/regulation/Radio%20frequency%20regulation%204AD3023M.pdf) (current as of 2023-01-13)



France – ITU Region 1

France, Mayotte, Réunion, Terres australes et antarctiques françaises (Archipel Crozet, Îles Éparses de l'océan Indien – Bassas da India, Europa, Glorieuses, Juan de Nova, Tromelin), Corsica

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	F/ France métropolitaine/Metropolitan France FH/ Mayotte FR/ Réunion Îles Éparses de l'océan Indien ¹ : Bassas da India (also FT.B) Île Europa (also FT.E) Îles Glorieuses (also FT.G) Île Juan de Nova (also FT.J) Île Tromelin (also FT.T) FT/ Terres australes et antarctiques françaises ¹ : Archipel Crozet (FT.W) TK/ Corse/Corsica			
Extensions	/M, /MM, /P			
Equivalent national class	HAREC			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	
160 m	1.810 – 1.850 MHz	500 W	6 kHz	
80 m	3.500 – 3.800 MHz	500 W	6 kHz	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz	
40 m	7.000 – 7.200 MHz	500 W	6 kHz	
30 m	10.100 – 10.150 MHz	500 W	6 kHz	
20 m	14.000 – 14.350 MHz	500 W	6 kHz	
17 m	18.068 – 18.168 MHz	500 W	6 kHz	
15 m	21.000 – 21.450 MHz	500 W	6 kHz	
12 m	24.890 – 24.990 MHz	500 W	6 kHz	
10 m	28.000 – 29.700 MHz	250 W	12 kHz	
6 m	50.000 – 52.000 MHz ²	120 W	12 kHz	
4 m				
2 m	144.000 – 146.000 MHz	120 W	20 kHz	
70 cm	430.000 – 440.000 MHz	120 W	20 kHz	
23 cm	1.240 – 1.300 GHz	120 W	any	
13 cm	2.300 – 2.450 GHz	120 W	any	
9 cm				
6 cm	5.650 – 5.850 GHz	120 W	any	
3 cm	10.000 – 10.500 GHz	120 W	any	
1.2 cm	24.000 – 24.250 GHz	120 W	any	
6 mm	47.000 – 47.200 GHz	120 W	any	
4 mm	76.000 – 81.500 GHz	120 W	any	
2.5 mm	122.250 – 123.000 GHz	120 W	any	
2 mm	134.000 – 141.000 GHz	120 W	any	
1.2 mm	241.000 – 250.000 GHz	120 W	any	

Notes

¹ Guest licence and landing permission required

² 50.200–51.200 MHz: regional restrictions

Info

Légifrance: *Arrêté du 2 mars 2021 modifiant l'arrêté du 21 septembre 2000 modifié fixant les conditions d'obtention des certificats d'opérateur, d'attribution et de retrait des indicatifs des services d'amateur.*

<https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220189> (current as of 2021-03-06)

—: *Arrêté du 2 mars 2021 précisant les conditions d'utilisation en Nouvelle-Calédonie, en Polynésie française, à Wallis-et-Futuna et dans les Terres australes et antarctiques françaises des installations des services d'amateur.*

<https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220263> (current as of 2021-03-06)

Agence nationale des fréquences (ANFR): *Tableau national de répartition des bandes de fréquences.*

https://www.anfr.fr/fileadmin/TNRBF/TNRBF_2024-03-13.pdf (current as of 2024-03-15)

Réseau des Émetteurs Français (REF): *Operating in France.* <https://web.r-e-f.org/operating-in-france/> (current as of 2024-03-11)

Radio-Club de la Haute Île: *Textes de Réglementation. Version Juin 2024.* <http://f6kgl.f5kff.free.fr/Reglementation.pdf> (current as of 2024-05-23)

France – ITU Region 2

Guadeloupe, St. Barthélemy, Martinique, Clipperton, St. Pierre & Miquelon, St. Martin, French Guyana

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	FG/ Guadeloupe FJ/ Saint-Barthélemy ¹ FM/ Martinique FO/ Clipperton ² FP/ Saint-Pierre et Miquelon FS/ Saint-Martin ¹ FY/ Guyane Française/French Guyana ¹		
Extensions	/M, /MM, /P		
Equivalent national class	HAREC		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.800 – 2.000 MHz	500 W	6 kHz
80 m	3.500 – 4.000 MHz	500 W	6 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz
40 m	7.000 – 7.300 MHz	500 W	6 kHz
30 m	10.100 – 10.150 MHz	500 W	6 kHz
20 m	14.000 – 14.350 MHz	500 W	6 kHz
17 m	18.068 – 18.168 MHz	500 W	6 kHz
15 m	21.000 – 21.450 MHz	500 W	6 kHz
12 m	24.890 – 24.990 MHz	500 W	6 kHz
10 m	28.000 – 29.700 MHz	250 W	12 kHz
6 m	50.000 – 54.000 MHz	120 W	12 kHz
4 m			
2 m	144.000 – 148.000 MHz	120 W	20 kHz
1.25 m	220.000 – 225.000 MHz	120 W	20 kHz
70 cm	430.000 – 440.000 MHz ³	120 W	20 kHz
23 cm	1.240 – 1.300 GHz	120 W	any
13 cm	2.300 – 2.450 GHz	120 W	any
9 cm	3.300 – 3.500 GHz	120 W	any
6 cm	5.650 – 5.925 GHz	120 W	any
3 cm	10.000 – 10.500 GHz	120 W	any
1.2 cm	24.000 – 24.250 GHz	120 W	any
6 mm	47.000 – 47.200 GHz	120 W	any
4 mm	76.000 – 81.500 GHz	120 W	any
2.5 mm	122.250 – 123.000 GHz	120 W	any
2 mm	134.000 – 141.000 GHz	120 W	any
1.2 mm	241.000 – 250.000 GHz	120 W	any

Notes

- ¹ Guest licence required according to REF website
- ² Guest licence and landing permission required
- ³ 433.750–434.250 MHz excluded in Guadeloupe, St. Barthélemy, Martinique, St. Martin, French Guyana

Info

Legifrance: *Arrêté du 2 mars 2021 modifiant l'arrêté du 21 septembre 2000 modifié fixant les conditions d'obtention des certificats d'opérateur, d'attribution et de retrait des indicatifs des services d'amateur.*

<https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220189> (current as of 2021-03-06)

Agence nationale des fréquences (ANFR): *Tableau national de répartition des bandes de fréquences.*

https://www.anfr.fr/fileadmin/TNRBF/TNRBF_2024-03-13.pdf (current as of 2024-03-15)

Réseau des Émetteurs Français (REF): *Operating in France.* <https://web.r-e-f.org/operating-in-france/> (current as of 2024-03-11)

Radio-Club de la Haute Île: *Textes de Réglementation. Version Juin 2024.* <http://f6kgl.f5kff.free.fr/Reglementation.pdf> (current as of 2024-05-23)

France – ITU Region 3

New Caledonia, French Polynesia, Terres australes et antarctiques françaises (Kerguelen, Adélie Land, St. Paul & New Amsterdam), Wallis & Futuna

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	FK/ Nouvelle Calédonie/New Caledonia ¹ Chesterfield ² FO/ Polynésie Française/French Polynesia ¹ FT/ Terres australes et antarctiques françaises ² : Îles Kerguelen (FT.X) Terre-Adélie/Adélie Land (FT.Y) Îles Saint-Paul et Nouvelle-Amsterdam (FT.Z) FW/ Îles Wallis et Futuna ¹			
Extensions	/M, /MM, /P			
Equivalent national class	HAREC			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	
160 m	1.810 – 1.830 MHz ³	500 W	6 kHz	
	1.830 – 2.000 MHz	500 W	6 kHz	
80 m	3.500 – 3.900 MHz	500 W	6 kHz	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	6 kHz	
40 m	7.000 – 7.200 MHz	500 W	6 kHz	
30 m	10.100 – 10.150 MHz	500 W	6 kHz	
20 m	14.000 – 14.350 MHz	500 W	6 kHz	
17 m	18.068 – 18.168 MHz	500 W	6 kHz	
15 m	21.000 – 21.450 MHz	500 W	6 kHz	
12 m	24.890 – 24.990 MHz	500 W	6 kHz	
10 m	28.000 – 29.700 MHz	250 W	12 kHz	
6 m	50.000 – 54.000 MHz	120 W	12 kHz	
4 m				
2 m	144.000 – 148.000 MHz	120 W	20 kHz	
70 cm	430.000 – 440.000 MHz	120 W	20 kHz	
23 cm	1.240 – 1.300 GHz	120 W	any	
13 cm	2.300 – 2.415 GHz	120 W	any	
	2.415 – 2.450 GHz ⁴	120 W	any	
9 cm	3.300 – 3.500 GHz	120 W	any	
6 cm	5.650 – 5.850 GHz	120 W	any	
3 cm	10.000 – 10.500 GHz	120 W	any	
1.2 cm	24.000 – 24.250 GHz	120 W	any	
6 mm	47.000 – 47.200 GHz	120 W	any	
4 mm	76.000 – 81.000 GHz	120 W	any	
2.5 mm	122.250 – 123.000 GHz	120 W	any	
2 mm	134.000 – 141.000 GHz	120 W	any	
1.2 mm	241.000 – 250.000 GHz	120 W	any	

Notes

- ¹ Guest licence required according to REF website
- ² Guest licence and landing permission required
- ³ Only French Polynesia
- ⁴ Except islands of Tahiti, Moorea in French Polynesia

Info

Legifrance: *Arrêté du 2 mars 2021 précisant les conditions d'utilisation en Nouvelle-Calédonie, en Polynésie française, à Wallis-et-Futuna et dans les Terres australes et antarctiques françaises des installations des services d'amateur.*
<https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043220263> (current as of 2021-03-06)

Agence nationale des fréquences (ANFR): *Tableau national de répartition des bandes de fréquences.*
https://www.anfr.fr/fileadmin/TNRBF/TNRBF_2024-03-13.pdf (current as of 2024-03-15)

Réseau des Émetteurs Français (REF): *Operating in France.* <https://web.r-e-f.org/operating-in-france/> (current as of 2024-03-11)

Radio-Club de la Haute Île: *Textes de Réglementation. Version Juin 2024.* <http://f6kgl.f5kff.free.fr/Reglementation.pdf> (current as of 2024-05-23)

Georgia

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
	HAREC T/R 61-02 implemented; Georgia not yet included in the List of CEPT Countries (T/R 61-02, Annex 2)			ERC Report 32 not applied		
Call sign prefix	4L/			4L/		
Extensions	/A (aeronautical mobile), /M, /MM, /P (optional)			/A (aeronautical mobile), /M, /MM, /P (optional)		
Equivalent national class	Extra Class, Class A			Class B		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	100 W	CW ¹	135.700 – 137.800 kHz	100 W	CW ¹
630 m	1.810 – 1.838 MHz	1.6 kW	CW ¹	1.820 – 1.840 MHz	400 W	CW ¹
160 m	1.838 – 1.840 MHz	1.6 kW	CW, digital ²	1.840 – 1.900 MHz	400/100 W ³	CW, phone ⁴
	1.840 – 1.850 MHz	1.6 kW	CW, phone, digital ⁵	1.900 – 2.000 MHz	400/100 W ⁶	CW, phone ⁷
	1.850 – 2.000 MHz	100 W	CW, phone ⁷			
80 m	3.500 – 3.580 MHz	1.6 kW	CW ¹	3.500 – 3.580 MHz	400 W	CW ¹
	3.580 – 3.590 MHz	1.6 kW	CW, digital ⁸	3.580 – 3.600 MHz	400 W	CW, digital ⁸
	3.590 – 3.600 MHz	1.6 kW	CW, digital ⁹	3.600 – 3.620 MHz	400 W	CW, phone, digital ¹⁰
	3.600 – 3.620 MHz	1.6 kW	CW, phone, digital ¹⁰	3.620 – 3.730 MHz	400 W	CW, phone ⁴
	3.620 – 3.730 MHz	1.6 kW	CW, phone ⁴	3.730 – 3.740 MHz	400 W	CW, phone, SSTV, FAX ¹¹
	3.730 – 3.740 MHz	1.6 kW	CW, phone, SSTV, FAX ¹¹	3.740 – 3.800 MHz	400 W	CW, phone ⁴
	3.740 – 3.800 MHz	1.6 kW	CW, phone ⁴			
60 m	5.3515 – 5.3665 MHz	1.6 kW	CW, phone ⁴			
40 m	7.000 – 7.035 MHz	1.6 kW	CW ¹	7.000 – 7.035 MHz	400 W	CW ¹
	7.035 – 7.040 MHz	1.6 kW	CW, SSTV, FAX ¹²	7.035 – 7.040 MHz	400 W	CW, SSTV, FAX ¹²
	7.040 – 7.045 MHz	1.6 kW	CW, phone, digital, SSTV, FAX ¹³	7.040 – 7.045 MHz	400 W	CW, phone, digital, SSTV, FAX ¹³
	7.045 – 7.100 MHz	1.6 kW	CW, phone ⁴	7.045 – 7.100 MHz	400 W	CW, phone ⁴
30 m	10.100 – 10.140 MHz	1.6 kW	CW ¹	10.100 – 10.150 MHz	400 W	CW ¹
	10.140 – 10.150 MHz	1.6 kW	CW, digital ⁵			
20 m	14.000 – 14.070 MHz	1.6 kW	CW ¹	14.000 – 14.070 MHz	400 W	CW ¹
	14.070 – 14.089 MHz	1.6 kW	CW, digital ⁸	14.070 – 14.089 MHz	400 W	CW, digital ⁸
	14.089 – 14.099 MHz	1.6 kW	CW, digital ⁹	14.089 – 14.099 MHz	400 W	CW, digital ⁹
	14.099 – 14.101 MHz ¹⁴			14.099 – 14.101 MHz ¹⁴		
	14.101 – 14.112 MHz	1.6 kW	CW, phone, digital ¹⁰	14.101 – 14.112 MHz	400 W	CW, phone, digital ¹⁰
	14.112 – 14.230 MHz	1.6 kW	CW, phone ⁴	14.150 – 14.230 MHz	400 W	CW, phone ⁴
	14.230 MHz	1.6 kW	CW, phone, SSTV, FAX ¹¹	14.230 MHz	400 W	CW, phone, SSTV, FAX ¹¹
	14.230 – 14.350 MHz	1.6 kW	CW, phone ⁴	14.230 – 14.350 MHz	400 W	CW, phone ⁴
17 m	18.068 – 18.100 MHz	1.6 kW	CW ¹	18.068 – 18.100 MHz	400 W	CW ¹
	18.100 – 18.109 MHz	1.6 kW	CW, digital ⁸	18.100 – 18.109 MHz	400 W	CW, digital ⁸
	18.109 – 18.111 MHz ^{14 15}			18.109 – 18.111 MHz ¹⁴		
	18.111 – 18.168 MHz ¹⁶	1 kW	CW, phone ⁴	18.111 – 18.168 MHz ¹⁷	400 W	CW, phone ⁴
15 m	21.000 – 21.080 MHz	1.6 kW	CW ¹	21.000 – 21.080 MHz	400 W	CW ¹
	21.080 – 21.100 MHz	1.6 kW	CW, digital ⁸	21.080 – 21.120 MHz	400 W	CW, digital ⁸
	21.100 – 21.120 MHz	1.6 kW	CW, digital ⁹	21.120 – 21.150 MHz	400 W	CW ¹
	21.120 – 21.149 MHz	1.6 kW	CW ¹	21.150 – 21.450 MHz ¹⁸	400 W	CW, phone ⁴
	21.149 – 21.151 MHz ¹⁴					
	21.151 – 21.340 MHz	1.6 kW	CW, phone ⁴			
	21.340 MHz	1.6 kW	CW, phone, SSTV, FAX ¹¹			
	21.340 – 21.450 MHz	1.6 kW	CW, phone ⁴			
12 m	24.890 – 24.920 MHz	1.6 kW	CW ¹	24.890 – 24.920 MHz	400 W	CW ¹
	24.920 – 24.929 MHz	1.6 kW	CW, digital ⁸	24.920 – 24.929 MHz	400 W	CW, digital ⁸
	24.929 – 24.931 MHz ¹⁴			24.930 – 24.990 MHz ¹⁹	400 W	CW, phone ⁴
	24.931 – 24.990 MHz ²⁰	1.6 kW	CW, phone ⁴			
10 m	28.000 – 28.050 MHz	1.6 kW	CW ¹	28.000 – 28.050 MHz ²¹	400 W	CW ¹
	28.050 – 28.120 MHz	1.6 kW	CW, digital ⁸	28.050 – 28.150 MHz	400 W	CW, digital ⁸
	28.120 – 28.150 MHz	1.6 kW	CW, digital ⁹	28.200 – 29.700 MHz ²²	400 W	CW, phone ⁴
	28.150 – 28.190 MHz	1.6 kW	CW ¹			
	28.190 – 28.199 MHz ^{14 23}					
	28.201 – 28.225 MHz ¹⁴					
	28.225 – 28.680 MHz	1.6 kW ²⁴	CW, phone ⁴			

	28.680 MHz	1.6 kW	CW, phone, SSTV, FAX ¹¹			
	28.680 – 29.200 MHz	1.6 kW	CW, phone ⁴			
	29.200 – 29.300 MHz	1.6 kW	CW, phone, digital ²⁵			
	29.300 – 29.510 MHz ²⁶	1.6 kW	any			
	29.510 – 29.700 MHz	1.6 kW	CW, phone ⁴			
6 m	50.000 – 52.000 MHz	²⁷	any	50.000 – 52.000 MHz	²⁷	any
4 m						
2 m	144.000 – 146.000 MHz	100 W	CW, phone ^{28 29}	144.000 – 146.000 MHz	25 W	CW, phone ²⁸
70 cm	430.000 – 440.000 MHz	100 W	CW, phone ^{28 29}	430.000 – 440.000 MHz	25 W	CW, phone ²⁸
23 cm	1.240 – 1.300 GHz	10 W	CW, phone, digital ^{29 30}	1.240 – 1.300 GHz	5 W	CW, phone ³¹
13 cm	2.320 – 2.450 GHz	10 W	CW, phone, digital ^{29 30}	2.300 – 2.320 GHz	5 W	CW, phone ³¹
9 cm						
6 cm	5.650 – 5.850 GHz	10 W	CW, phone, digital ^{29 30}	5.650 – 5.850 GHz	5 W	CW, phone ³¹
3 cm	10.000 – 10.500 GHz	5 W	CW, phone, digital ^{29 30}	10.000 – 10.500 GHz	5 W	CW, phone ³¹
1.2 cm						
6 mm	47.000 – 47.200 GHz	5 W	CW, phone, digital ^{29 30}	47.000 – 47.200 GHz	5 W	CW, phone ³¹
4 mm	75.500 – 81.000 GHz	5 W	CW, phone, digital ^{29 30}	75.500 – 81.000 GHz	5 W	CW, phone ³¹
2.5 mm	119.000 – 120.026 GHz	5 W	CW, phone, digital ^{29 30}	119.000 – 120.026 GHz	5 W	CW, phone ³¹
2 mm	142.000 – 149.000 GHz	5 W	CW, phone, digital ^{29 30}	142.000 – 149.000 GHz	5 W	CW, phone ³¹
1.2 mm	241.000 – 250.000 GHz	5 W	CW, phone, digital ^{29 30}	241.000 – 250.000 GHz	5 W	CW, phone ³¹

Notes

- ¹ 100HA1A
- ² 100HA1A, digital (except Packet)
- ³ CW: 400 W, phone: 100 W
- ⁴ 100HA1A, 3K00J3E, 3K00R3E
- ⁵ 100HA1A, 3K00J3E, 3K00R3E, digital (except Packet)
- ⁶ CW, phone (6K00R3E): 400 W, phone (3K00R3E, 3K00J3E): 100 W
- ⁷ 100HA1A, 3K00J3E, 3K00R3E, 6K00R3E
- ⁸ 100HA1A, digital
- ⁹ 100HA1A, digital (Packet preferred)
- ¹⁰ 100HA1A, 3K00J3E, 3K00R3E, digital
- ¹¹ 100HA1A, 3K00J3E, 3K00R3E, SSTV, FAX
- ¹² 100HA1A, digital (except Packet), SSTV, FAX
- ¹³ 100HA1A, 3K00J3E, 3K00R3E, digital (except Packet), SSTV, FAX
- ¹⁴ Beacon stations, reception only
- ¹⁵ Error in amateur radio regulations (ComCom): 18109–1811 KHz
- ¹⁶ Error in amateur radio regulations (ComCom): 18110–18318 KHz
- ¹⁷ Error in amateur radio regulations (ComCom): 18110–18168 KHz
- ¹⁸ Class B: frequency range for beacon stations (21.149–21.151 kHz) missing in amateur radio regulations
- ¹⁹ Class B: frequency range for beacon stations (24.929–24.931 kHz) missing in amateur radio regulations
- ²⁰ Error in amateur radio regulations (ComCom): 24930–25139 KHz
- ²¹ Error in amateur radio regulations (ComCom): 28000–28700 KHz
- ²² Class B: frequency range for beacon stations (28.190–28.225 kHz) missing in amateur radio regulations
- ²³ Error in amateur radio regulations (ComCom): 28190–29199 KHz
- ²⁴ Error in amateur radio regulations (ComCom): 28225–29200 KHz: 100 0W
- ²⁵ 100HA1A, 3K00J3E, 3K00R3E, digital (NBFM Packet)
- ²⁶ Error in amateur radio regulations (ComCom): 29300–29520 KHz
- ²⁷ The field strength in a height of 10 m above ground should not exceed +6 dB (µV/m) along the border.
- ²⁸ 100 H1A, 6K00F3E, 24K0F3E, 3K00R3E, 3K00J3E
- ²⁹ Class A: 100HA1A missing in amateur radio regulations
- ³⁰ 100 H1A, 6K00A3E, 6K00F3E, 24K0F3E, 3K00R3E, 3K00J3E, digital
- ³¹ 100 H1A, 6K00A3E, 6K00F3E, 24K0F3E, 3K00R3E, 3K00J3E

Info

National Communications Commission of Georgia (ComCom): *Resolution No. 1 of the National Communications Commission of Georgia dated June 27, 2003* [in Georgian language]. <https://comcom.ge/uploads/other/2/2707.pdf> (current as of 2017-08-18)

—: *Resolution No. 4 of the National Communications Commission of Georgia dated July 20, 2023 regarding the approval of the regulatory rules for the activities of the National Communications Commission of Georgia on making changes to Resolution No. 1 of the National Communications Commission of Georgia dated June 27, 2003* [in Georgian language]. <https://www.comcom.ge/ge/legal-acts/resolutions/2023-4-.page> (current as of 2023-07-20)

Germany

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	DL/			DO/		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	Class A			Class E		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m ¹	135.700 – 137.800 kHz	1 W ERP	800 Hz			
630 m	472.000 – 479.000 kHz	1 W ERP	800 Hz			
160 m	1.810 – 1.850 MHz	750 W	2.7 kHz	1.810 – 1.850 MHz	100 W	2.7 kHz
	1.850 – 1.890 MHz ²	750 ² /75 W	2.7 kHz	1.850 – 1.890 MHz ³	100 ³ /75 W	2.7 kHz
	1.890 – 2.000 MHz ²	750 ² /75 ⁴ W	2.7 kHz	1.890 – 2.000 MHz ³	100 ³ /75 ⁴ W	2.7 kHz
80 m	3.500 – 3.800 MHz	750 W	2.7 kHz	3.500 – 3.800 MHz	100 W	2.7 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	2.7 kHz			
40 m	7.000 – 7.200 MHz	750 W	2.7 kHz			
30 m ⁵	10.100 – 10.150 MHz	150 W	800 Hz			
20 m	14.000 – 14.350 MHz	750 W	2.7 kHz			
17 m	18.068 – 18.168 MHz	750 W	2.7 kHz			
15 m	21.000 – 21.450 MHz	750 W	2.7 kHz	21.000 – 21.450 MHz	100 W	2.7 kHz
12 m	24.890 – 24.990 MHz	750 W	2.7 kHz			
10 m	28.000 – 29.700 MHz	750 W	7 kHz	28.000 – 29.700 MHz	100 W	7 kHz
6 m ⁶	50.000 – 50.400 MHz	750 W	12 kHz	50.000 – 50.400 MHz ⁴	100 W	12 kHz
	50.400 – 52.000 MHz	25 W	12 kHz	50.400 – 52.000 MHz ⁴	25 W	12 kHz
4 m ⁶	70.150 – 70.210 MHz ⁷	25 W ERP	12 kHz			
2 m	144.000 – 146.000 MHz	750 W	40 kHz	144.000 – 146.000 MHz	75 W	40 kHz
70 cm	430.000 – 440.000 MHz	750 W	2 MHz ⁸	430.000 – 440.000 MHz	75 W	2 MHz ⁸
23 cm	1.240 – 1.247 GHz	750 W	2 MHz ⁹			
	1.247 – 1.263 GHz	5 W EIRP	2 MHz ⁹			
	1.263 – 1.300 GHz	750 W	2 MHz ⁹			
13 cm	2.320 – 2.450 GHz	75 W	10 MHz ¹⁰	2.320 – 2.450 GHz	5 W	10 MHz ¹⁰
9 cm	3.400 – 3.475 GHz	75 W	10 MHz ¹⁰			
6 cm	5.650 – 5.850 GHz	75 W	10 MHz ¹⁰	5.650 – 5.850 GHz	5 W	10 MHz ¹⁰
3 cm	10.000 – 10.500 GHz	75 W	10 MHz ¹⁰	10.000 – 10.500 GHz	5 W	10 MHz ¹⁰
1.2 cm	24.000 – 24.250 GHz	75 W	10 MHz ¹⁰			
6 mm	47.000 – 47.200 GHz	75 W	10 MHz ¹⁰			
4 mm	75.500 – 81.500 GHz	75 W	10 MHz ¹⁰			
2.5 mm	122.250 – 123.000 GHz	75 W	10 MHz ¹⁰			
2 mm	134.000 – 141.000 GHz	75 W	10 MHz ¹⁰			
1.2 mm	241.000 – 250.000 GHz	75 W	any			
Laser	444.000 – 453.000 GHz		Laser ¹¹	444.000 – 453.000 GHz		Laser ¹²
	510.000 – 546.000 GHz		Laser ¹¹	510.000 – 546.000 GHz		Laser ¹²
	711.000 – 730.000 GHz		Laser ¹¹	711.000 – 730.000 GHz		Laser ¹²
	909.000 – 926.000 GHz		Laser ¹¹	909.000 – 926.000 GHz		Laser ¹²
	945.000 – 951.000 GHz		Laser ¹¹	945.000 – 951.000 GHz		Laser ¹²
	>956.000 GHz		Laser ¹¹	>956.000 GHz		Laser ¹²

Notes

- ¹ Prior to any amateur radio operation on 2200 m, a registration with the Bundesnetzagentur is required indicating the location
- ² Contest operation on weekends only, 750 W PEP
- ³ Contest operation on weekends only, 100 W PEP
- ⁴ Temporarily approved until 2024-06-23
- ⁵ No contest operation permitted
- ⁶ Horizontal polarization, no mobile or portable operation permitted
- ⁷ Temporarily approved until 2024-12-31
- ⁸ AM-ATV: 7 MHz
- ⁹ AM-ATV, D-ATV: 7 MHz, FM-ATV: 18 MHz
- ¹⁰ ATV: 20 MHz
- ¹¹ Laser classes 1, 1M, 2, 2M, 3R, 3B
- ¹² Laser classes 1, 1M, 2, 2M

Info

Bundesministerium der Justiz: *Verordnung zum Gesetz über den Amateurfunk.*
http://bundesrecht.juris.de/bundesrecht/afuv_2005/gesamt.pdf (current as of 2013-08-07)

—: *Dritte Verordnung zur Änderung der Amateurfunkverordnung vom 27. Mai 2024.* <https://www.recht.bund.de/bgb1/1/2024/175/VO.html>
(current as of 2024-05-27)

Bundesnetzagentur: *Nutzung des Frequenzbereichs 472–479 kHz (Mitteilung Nr. 386/2012).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattveruegungenAFu/Mitteilung3862012NutzungFreqBereich472_479kHz.pdf (current as of 2013-02-15)

—: *Nutzung des Frequenzbereichs 5351,5–5366,5 kHz (Mitteilung Nr. 1699/2016).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Mitteilung_1699_2016_AFu_5351,5_5366,5_kHz.pdf (current as of 2016-12-19)

—: *Nutzung des Frequenzbereichs 7100–7200 kHz mit höherer Leistung (Mitteilung Nr. 621/2009).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/MitteilungNr6212009NutzgFreqBereich_Id17913pdf.pdf (current as of 2009-12-16)

—: *Nutzungsbestimmungen für den Frequenzbereich 50,08–51,00 MHz (Verfügung Nr. 36/2006, zuletzt geändert mit Verfügung Nr. 64/2019).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/VfgNr36_2006_zuletzt_geaendert_mit_64_2019.pdf (current as of 2019-05-24)

—: *Befristete Erlaubnisse (Verfügung Nr. 130/2023).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Verfuegung130-2023.pdf (current as of 2023-12-20)

—: *Nutzungsbedingungen für den Amateurfunkdienst in den Frequenzbereichen oberhalb 444 GHz (Verfügung Nr. 14/2005).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Vfg142005NutzungsbedingungId1317pdf.pdf (Laser; current as of 2013-02-13)

—: *Befristeter Zugang im Frequenzbereich 70,150–70,210 MHz (Verfügung 58/2024).*
https://www.bundesnetzagentur.de/SharedDocs/Downloads/DE/Sachgebiete/Telekommunikation/Unternehmen_Institutionen/Frequenzen/Amateurfunk/AmtsblattverfuegungenAFu/Vfg_58_2024.pdf (current as of 2024-06-12)



Greece

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	HAREC T/R 61-02 implemented SV/ Optional digit designating the region: SV1/ Attikí/Attica, Dytikí Elláda/Western Greece, Stereá Elláda/Central Greece SV2/ Dytikí Makedonía/Western Macedonia, Kentrikí Makedonía/Central Macedonia ¹ SV3/ Pelopónnisos/Peloponnese SV4/ Thessalía/Thessaly SV5/ Dhodekánisos/Dodecanese SV6/ Ípiros/Epirus SV7/ Anatolikí Makedonía/Eastern Macedonia, Thráki/Thrace SV8/ Íónia Nisia/Ionian Islands, Vório Egeo/North Aegean, Nótio Egeo/South Aegean (except Dodecanese and Crete) SV9/ Kríti/Crete			
Extensions	/M, /MM, /P			
Equivalent national class	Class 1			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes²	
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	
160 m	1.810 – 2.000 MHz	500 W	CW, SSB	
80 m	3.500 – 3.600 MHz	500 W	CW, digital	
	3.600 – 3.780 MHz	500 W	any	
	3.780 – 3.800 MHz	500 W	CW, SSB	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any	
40 m	7.000 – 7.200 MHz	500 W	any	
30 m	10.100 – 10.150 MHz	500 W	any	
20 m	14.000 – 14.350 MHz	500 W	any	
17 m	18.068 – 18.168 MHz	500 W	any	
15 m	21.000 – 21.450 MHz	500 W	any	
12 m	24.890 – 24.990 MHz	500 W	any	
10 m	28.000 – 29.700 MHz	500 W	any	
6 m	50.000 – 52.000 MHz	100 W	any	
4 m	70.000 – 70.250 MHz	100 W	any	
2 m	144.000 – 146.000 MHz	100 W	any	
70 cm	430.000 – 440.000 MHz	100 W	any	
23 cm	1.240 – 1.300 GHz	50 W	any	
13 cm	2.300 – 2.450 GHz	50 W	any	
9 cm				
6 cm ³	5.650 – 5.850 GHz			
3 cm ³	10.000 – 10.500 GHz			
1.2 cm	24.000 – 24.250 GHz	50 W	any	
6 mm				
4 mm				
2.5 mm	122.250 – 123.000 GHz	50 W	any	
2 mm	134.000 – 141.000 GHz	50 W	any	
1.2 mm	241.000 – 250.000 GHz	50 W	any	

Notes

¹ Operation within Mount Athos is subject to the official written permission of the local administration of the holy community.

² Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

³ Special permission required

Info

Ministry of Transport and Communication (YME): *Kanonismós leitourgías erasitechnikón stathmón asymátou*.

https://www.yme.gr/imagebank/categories/ctg745_9_1192093566.pdf (current as of 2011-09-02)

Ministry of Digital Policy, Telecommunications and Media: *Énkrisi ethnikoú kanonismou katanomís zonón sychnotítou (EKKZS)*.

<https://raag.org/wp-content/uploads/2020/10/Εθνικός-Κανονισμός-Κατανομής-ζωνών-συχνοτήτων-2019.pdf> (current as of 2019-03-05)

Radio Amateur Association of Greece (RAAG): *Operating*. <https://raag.org/sv-operating> (current as of 2022-03-19)

—: *Pinakas sychnotítou – provlepómeni ischýs*. <https://raag.org/pinakas-syxnotiton-isxys/> (current as of 2022-02-13)

Thessaloniki Amateur Radio Group (TARG): *Tropopoísi tou kanonismou leitourgías erasitechnikón stathmón asymátou*.

<https://www.targ.gr/images/files/y-a-10800-310-4-3-2013.pdf> (current as of 2013-03-21)

***Hong Kong**

Implementation	CEPT Licence T/R 61-01 not implemented	CEPT Novice Licence ECC/REC/(05)06 not implemented
	HAREC T/R 61-02 implemented	



Hungary

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence T/R 61-01 implemented		
Call sign prefix	HA/			ERC Report 32 applied HA/		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	CEPT			CEPT Novice; old RA, UA		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹²	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹²
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz ³			
630 m	472.000 – 479.000 kHz	1 W EIRP	200 Hz ³			
160 m	1.810 – 1.838 MHz	1.5 kW	200 Hz ⁴	1.810 – 1.838 MHz	200 W	200 Hz ⁴
	1.838 – 1.840 MHz	1.5 kW	500 Hz ⁵	1.838 – 1.840 MHz	200 W	500 Hz ⁶
	1.840 – 1.843 MHz	1.5 kW	2.7 kHz ⁷	1.840 – 1.843 MHz	200 W	2.7 kHz ⁸
	1.843 – 1.850 MHz	1.5 kW	2.7 kHz ⁹	1.843 – 1.850 MHz	200 W	2.7 kHz ¹⁰
	1.850 – 2.000 MHz	10 W	2.7 kHz ⁹			
80 m	3.500 – 3.570 MHz	1.5 kW	200 Hz ⁴	3.500 – 3.570 MHz	200 W	200 Hz ⁴
	3.570 – 3.580 MHz	1.5 kW	200 Hz ⁵	3.570 – 3.580 MHz	200 W	200 Hz ⁵
	3.580 – 3.600 MHz	1.5 kW	500 Hz ⁵	3.580 – 3.600 MHz	200 W	500 Hz ⁵
	3.600 – 3.620 MHz	1.5 kW	2.7 kHz ⁷	3.600 – 3.800 MHz	200 W	2.7 kHz ¹¹
	3.620 – 3.800 MHz	1.5 kW	2.7 kHz ⁹			
60 m	5.3515 – 5.354 MHz	15 W EIRP	200 Hz ¹²			
	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz ¹³			
	5.366 – 5.3665 MHz	15 W EIRP	20 Hz ¹²			
40 m	7.000 – 7.040 MHz	1.5 kW	200 Hz ⁴	7.000 – 7.040 MHz	200 W	200 Hz ⁴
	7.040 – 7.050 MHz	1.5 kW	500 Hz ⁵	7.040 – 7.050 MHz	200 W	500 Hz ⁵
	7.050 – 7.060 MHz	1.5 kW	2.7 kHz ⁷	7.050 – 7.200 MHz	200 W	2.7 kHz ¹⁴
	7.060 – 7.200 MHz	1.5 kW	2.7 kHz ¹⁵			
30 m	10.100 – 10.140 MHz	1.5 kW	200 Hz ⁴			
	10.140 – 10.150 MHz	1.5 kW	500 Hz ⁵			
20 m	14.000 – 14.070 MHz	1.5 kW	200 Hz ⁴	14.000 – 14.070 MHz	200 W	200 Hz ⁴
	14.070 – 14.099 MHz	1.5 kW	500 Hz ⁵	14.070 – 14.099 MHz	200 W	500 Hz ⁵
	14.099 – 14.101 MHz ¹⁶			14.099 – 14.101 MHz ¹⁶		
	14.101 – 14.112 MHz	1.5 kW	2.7 kHz ⁷	14.101 – 14.112 MHz	200 W	2.7 kHz ¹⁷
	14.112 – 14.350 MHz	1.5 kW	2.7 kHz ⁹	14.112 – 14.350 MHz	200 W	2.7 kHz ¹⁸
17 m	18.068 – 18.095 MHz	1.5 kW	200 Hz ⁴			
	18.095 – 18.109 MHz	1.5 kW	500 Hz ⁵			
	18.109 – 18.111 MHz ¹⁶					
	18.111 – 18.120 MHz	1.5 kW	2.7 kHz ⁷			
	18.120 – 18.168 MHz	1.5 kW	2.7 kHz ⁹			
15 m	21.000 – 21.070 MHz	1.5 kW	200 Hz ⁴	21.000 – 21.070 MHz	200 W	200 Hz ⁴
	21.070 – 21.110 MHz	1.5 kW	500 Hz ⁵	21.070 – 21.110 MHz	200 W	500 Hz ¹⁹
	21.110 – 21.120 MHz	1.5 kW	2.7 kHz ²⁰	21.110 – 21.120 MHz	200 W	2.7 kHz ²⁰
	21.120 – 21.149 MHz	1.5 kW	500 Hz ⁵	21.120 – 21.149 MHz	200 W	500 Hz ¹⁹
	21.149 – 21.151 MHz ¹⁶			21.149 – 21.151 MHz ¹⁶		
	21.151 – 21.450 MHz	1.5 kW	2.7 kHz ⁹	21.151 – 21.450 MHz	200 W	2.7 kHz ⁹
12 m	24.890 – 24.915 MHz	1.5 kW	200 Hz ⁴	24.890 – 24.915 MHz	200 W	200 Hz ⁴
	24.915 – 24.929 MHz	1.5 kW	500 Hz ⁵	24.915 – 24.929 MHz	200 W	500 Hz ²¹
	24.929 – 24.931 MHz ¹⁶			24.929 – 24.931 MHz ¹⁶		
	24.931 – 24.940 MHz	1.5 kW	2.7 kHz ⁷	24.931 – 24.990 MHz	200 W	2.7 kHz ¹⁸
	24.940 – 24.990 MHz	1.5 kW	2.7 kHz ⁹			
10 m	28.000 – 28.070 MHz	1.5 kW	200 Hz ⁴	28.000 – 28.070 MHz	200 W	200 Hz ⁴
	28.070 – 28.190 MHz	1.5 kW	500 Hz ⁵	28.070 – 28.190 MHz	200 W	500 Hz ²²
	28.190 – 28.225 MHz ¹⁶			28.190 – 28.225 MHz ¹⁶		
	28.225 – 28.300 MHz	1.5 kW	2.7 kHz ⁹	28.225 – 29.100 MHz	200 W	2.7 kHz ²³
	28.300 – 28.320 MHz	1.5 kW	2.7 kHz ⁷	29.100 – 29.200 MHz	200 W	6 kHz ²³
	28.320 – 29.100 MHz	1.5 kW	2.7 kHz ⁹	29.200 – 29.510 MHz	200 W	6 kHz ²⁴
	29.100 – 29.200 MHz	1.5 kW	6 kHz ⁹	29.510 – 29.520 MHz ²⁷		
	29.200 – 29.300 MHz	1.5 kW	6 kHz ²⁵	28.520 – 29.700 MHz	200 W	6 kHz ²⁴
	29.300 – 29.510 MHz	1.5 kW	6 kHz ²⁶			
	29.510 – 29.520 MHz ²⁷					
	29.520 – 29.700 MHz	1.5 kW	6 kHz ²⁶			
6 m	50.000 – 50.100 MHz	10 W ERP	500 Hz ²⁸			
	50.100 – 50.500 MHz	10 W ERP	2.7 kHz ⁷			
	50.500 – 52.000 MHz	10 W ERP	12 kHz ¹³			
4 m	70.000 – 70.500 MHz	10 W ERP	12 kHz ¹³			
2 m	144.000 – 144.110 MHz	1 kW	500 Hz ⁴	144.000 – 144.110 MHz	200 W	500 Hz ⁴
	144.110 – 144.150 MHz	1 kW	500 Hz ⁵	144.110 – 144.150 MHz	200 W	500 Hz ⁵
	144.150 – 144.180 MHz	1 kW	2.7 kHz ²⁹	144.150 – 144.180 MHz	200 W	2.7 kHz ²⁹
	144.180 – 144.360 MHz	1 kW	2.7 kHz ³⁰	144.180 – 144.360 MHz	200 W	2.7 kHz ³⁰
	144.360 – 144.400 MHz	1 kW	2.7 kHz ²⁹	144.360 – 144.400 MHz	200 W	2.7 kHz ²⁹

70 cm	144.400 – 144.490 MHz ¹⁶			144.400 – 144.490 MHz ¹⁶		
	144.500 – 144.794 MHz	1 kW	20 kHz ¹³	144.500 – 144.794 MHz	200 W	20 kHz ¹³
	144.794 – 144.990 MHz	1 kW	12 kHz ³¹	144.794 – 144.990 MHz	200 W	12 kHz ³¹
	144.990 – 145.194 MHz ³²	1 kW	12 kHz ³³	144.990 – 145.194 MHz ³²	200 W	12 kHz ³³
	145.194 – 145.594 MHz	1 kW	12 kHz ³³	145.194 – 145.594 MHz	200 W	12 kHz ³³
	145.594 – 145.794 MHz ³⁴			145.594 – 145.794 MHz ³⁴		
	145.794 – 145.806 MHz	1 kW	12 kHz ³³	145.794 – 145.806 MHz	200 W	12 kHz ³³
	145.806 – 146.000 MHz	1 kW	12 kHz ¹³	145.806 – 146.000 MHz	200 W	12 kHz ¹³
	430.000 – 432.000 MHz	25 W	12 kHz ³⁵	430.000 – 432.000 MHz	10 W	12 kHz ³⁵
	432.000 – 432.100 MHz	1 kW	500 Hz ⁴	432.000 – 432.100 MHz	100 W	500 Hz ⁴
	432.100 – 432.400 MHz	1 kW	2.7 kHz ²⁹	432.100 – 432.400 MHz	100 W	2.7 kHz ²⁹
	432.400 – 432.500 MHz ¹⁸			432.400 – 432.500 MHz ¹⁸		
	432.500 – 432.994 MHz	1 kW	12 kHz ¹³	432.500 – 432.994 MHz	100 W	12 kHz ¹³
	432.994 – 433.600 MHz	1 kW	12 kHz ³³	432.994 – 433.600 MHz	100 W	12 kHz ³³
	433.600 – 438.000 MHz	1 kW	20 kHz ¹³	433.600 – 438.000 MHz	100 W	20 kHz ¹³
	438.000 – 440.000 MHz ³⁴	25 W	20 kHz ³³			
23 cm	1.240 – 1.24325 GHz	500 W	20 kHz ¹³	1.290994 – 1.291494 GHz ³²	50 W	12 kHz ³³
	1.24325 – 1.260 GHz	500 W	^{36 37}	1.297494 – 1.298 GHz	50 W	12 kHz ³³
	1.260 – 1.270 GHz	500 W	^{13 37}			
	1.270 – 1.272 GHz	500 W	20 kHz ¹³			
	1.272 – 1.290994 GHz	500 W	^{36 37}			
	1.290994 – 1.291494 GHz ³²	500 W	12 kHz ³³			
	1.291494 – 1.296 GHz	500 W	^{13 37}			
	1.296 – 1.29615 GHz	500 W	500 Hz ⁵			
	1.29615 – 1.2968 GHz	500 W	2.7 kHz ²⁹			
	1.2968 – 1.296994 GHz ¹⁶	100 W	500 Hz			
	1.296994 – 1.297494 GHz ³⁴	50 W	12 kHz ³³			
	1.297494 – 1.298 GHz	500 W	12 kHz ³³			
	1.298 – 1.300 GHz	500 W	20 kHz ¹³			
	2.300 – 2.320 GHz	150 W	^{13 37}			
	2.320 – 2.32015 GHz	150 W	^{4 37}			
	2.32015 – 2.3208 GHz	150 W	^{30 37}			
13 cm	2.3208 – 2.321 GHz ¹⁶	100 W	³⁷			
	2.321 – 2.322 GHz	150 W	^{37 38}			
	2.322 – 2.450 GHz	150 W	^{13 37}			
9 cm	5.650 – 5.668 GHz	75 W	^{13 37}			
	5.668 – 5.670 GHz	75 W	^{12 37}			
	5.670 – 5.700 GHz	75 W	^{31 37}			
	5.700 – 5.720 GHz	75 W	^{36 37}			
	5.720 – 5.760 GHz	75 W	^{13 37}			
	5.760 – 5.762 GHz	75 W	^{12 37}			
6 cm	5.762 – 5.850 GHz	75 W	^{13 37}			
	10.000 – 10.150 GHz	75 W	^{31 37}			
	10.150 – 10.250 GHz	75 W	^{13 37}			
	10.250 – 10.350 GHz	75 W	^{31 37}			
	10.350 – 10.368 GHz	75 W	^{13 37}			
	10.368 – 10.370 GHz	75 W	^{12 37}			
	10.370 – 10.500 GHz	75 W	^{13 37}			
	24.000 – 24.048 GHz	30 W	^{13 37}			
	24.048 – 24.050 GHz	30 W	^{12 37}			
	24.050 – 24.250 GHz	30 W	^{13 37}			
3 cm	47.000 – 47.002 GHz	30 W	^{12 37}			
	47.002 – 47.200 GHz	30 W	^{13 37}			
	76.000 – 77.500 GHz	30 W	^{13 37}			
	77.500 – 77.501 GHz	30 W	^{12 37}			
1.2 cm	77.501 – 81.500 GHz	30 W	^{13 37}			
	122.250 – 122.251 GHz	30 W	^{12 37}			
	122.251 – 123.000 GHz	30 W	^{12 37}			
	134.000 – 134.001 GHz	30 W	^{12 37}			
6 mm	134.001 – 141.000 GHz	30 W	^{13 37}			
	241.000 – 248.000 GHz	30 W	^{13 37}			
	248.000 – 248.001 GHz	30 W	^{12 37}			
	248.001 – 250.000 GHz	30 W	^{13 37}			

Notes

- ¹ Bandwidth and modes according to IARU Region 1 band plan (please refer to the list at the end of this document)
- ² A1A, A2A, F1A, F2A, J2A: always only for CEPT Licence/CEPT Novice Licence with CW examination
- ³ Digital, telegraphy (A1A, A1D, F1D)
- ⁴ Telegraphy (A1A)
- ⁵ Digital, telegraphy (A1A, A1B, A1D, F1A, F1B, F1D)
- ⁶ Digital, telegraphy (A1A, A1B, F1D)
- ⁷ Digital, telephony, telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, F3E, F3F, J2A, J2B, J2D, J2E, J3E, R3E)
- ⁸ Digital, telephony, telegraphy (A1A, A1B, F1D, J3E)

- 9 Telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F2A, F2B, F3E, F3F, J2A, J2B, J2E, J3E, R3E)
10 Telephony, telegraphy (A1A, A1B, J2E, J3E)
11 Digital, telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, J2A, J2B, J2E, J3E)
12 Telegraphy, narrowband modes (A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, F1A, F1B, F1C, F1D, F2A, F2B, F2C, F2D, F3C, F3E, F3F, J2A, J2B, J2C, J2D, J2E, J3C, J3E, R3E)
13 Any mode (A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, A3E, F1A, F1B, F1C, F1D, F2A, F2B, F2C, F2D, F3C, F3E, F3F, J2A, J2B, J2C, J2D, J2E, J3C, J3E, J3F, R3E)
14 Digital, telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F1D, J2A, J2B, J2E, J3E)
15 Digital, telephony, telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F1D, F2A, F2B, F3E, F3F, J2A, J2B, J2E, J3E, R3E)
16 Beacon stations, reception only
17 Digital, telephony, telegraphy (A1A, F1D, J3E)
18 Telephony, telegraphy (A1A, J3E)
19 Digital, telegraphy (A1A, A1B, F1A, F1B, F1D)
20 Digital, telephony (except SSB), telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, F3E, F3F)
21 Digital, telegraphy (A1A, F1D)
22 Digital, telegraphy (A1A, A1B, F1A, F1B)
23 Telephony (F3E, J3E, R3E)
24 Telephony (A3E, F3E, J3E, R3E)
25 Digital, telephony, telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, A3E, F1A, F1B, F1D, F2A, F2B, F2D, F3E, F3F, J2A, J2B, J2D, J2E, J3E, R3E)
26 Telephony, telegraphy (A1A, A1B, A2A, A2B, A3E, F1A, F1B, F2A, F2B, F3E, F3F, J2A, J2B, J2E, J3E, R3E)
27 Guard band
28 Telephony (A1A, F1A)
29 Digital, telephony (SSB), telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, J2A, J2B, J2D, J2E, J3E, R3E)
30 Telephony (SSB), telegraphy (A1A, A1B, A2A, A2B, F1A, F1B, F2A, F2B, J2A, J2B, J2E, J3E, R3E)
31 Digital (A1D, A2D, F1D, F2D, J2D)
32 FM repeater stations (input)
33 Telephony (FM) (F3E)
34 FM repeater stations (output) (typo in amateur radio regulations: 145,594-145,794 MHz: repeater stations [input])
35 Digital, telephony (SSB, FM repeater stations [input]), telegraphy (A1A, A1B, A1D, A2A, A2B, A2D, F1A, F1B, F1D, F2A, F2B, F2D, F3E (repeater stations [input]), J2A, J2B, J2D, J2E, J3E, R3E)
36 ATV (F3F, J3F)
37 Bandwidth not greater than necessary
38 Telephony (NBFM) (F3E)

Info

Nemzeti Média- és Hírközlési Hatóság (NMHH): *NMHH rendelet a rádióamatőr szolgálatról 15/2013. (IX. 25.).*

<https://njt.hu/jogszabaly/2013-15-20-3H> (current as of 2018-07-21)

Spektrumgazdálkodást Támogató Információs Rendszer (STIR): *Sávhasználati feltételek és rádióspektrum-gazdálkodási követelmények.* https://stir.nmhh.hu/publicview/?p=d&name=3melleklet&lang=1#jump_to_3557 (current as of 2024-02-26)

—: *Decree No. 7/2015 (XI. 13.) NMHH on the national frequency allocation and the rules of using frequency bands.*

<https://stir.nmhh.hu/publicview/?p=d&name=rendelet> (current as of 2024-02-15)

—: *Spektrumvizsgálat.* <https://stir.nmhh.hu/publicview/?p=s&t=2&r=1720> (current as of 2023-10-19)

Iceland

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	TF/			TF/		
Equivalent national class	/M, /P (optional)			/M, /P (optional)		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	100 W	1 kHz			
630 m	472.000 – 479.000 kHz	5 W EIRP	1 kHz	472.000 – 479.000 kHz	5 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	1 kW	6 kHz	1.810 – 1.850 MHz	100 W	6 kHz
	1.850 – 1.900 MHz ¹	1 kW	6 kHz	1.900 – 2.000 MHz	10 W	6 kHz
	1.900 – 2.000 MHz	10 W ²	6 kHz			
80 m	3.500 – 3.800 MHz	1 kW	6 kHz	3.500 – 3.800 MHz	100 W	6 kHz
60 m	5.3515 – 5.3665 MHz	15 W EIRP	3 kHz	5.3515 – 5.3665 MHz	15 E EIRP	3 kHz
40 m	7.000 – 7.200 MHz	1 kW	6 kHz	7.000 – 7.200 MHz	100 W	6 kHz
30 m	10.100 – 10.150 MHz	1 kW	1 kHz	10.100 – 10.150 MHz	100 W	1 kHz
20 m	14.000 – 14.350 MHz	1 kW	6 kHz	14.000 – 14.350 MHz	100 W	6 kHz
17 m	18.068 – 18.168 MHz	1 kW	6 kHz	18.068 – 18.168 MHz	100 W	6 kHz
15 m	21.000 – 21.450 MHz	1 kW	6 kHz	21.000 – 21.450 MHz	100 W	6 kHz
12 m	24.890 – 24.990 MHz	1 kW	6 kHz	24.890 – 24.990 MHz	100 W	6 kHz
10 m	28.000 – 29.700 MHz	1 kW	18 kHz	28.000 – 29.700 MHz	100 W	18 kHz
6 m	50.000 – 50.500 MHz	100 W ³	18 kHz	50.000 – 50.500 MHz	50 W ⁴	18 kHz
	50.500 – 52.000 MHz	100 W	18 kHz	50.500 – 52.000 MHz	50 W	18 kHz
4 m ⁵	70.000 – 70.200 MHz	100 W	16 kHz			
2 m	144.000 – 146.000 MHz	500 W	18 kHz	144.000 – 146.000 MHz	50 W	18 kHz
70 cm	430.000 – 440.000 MHz	500 W	30 kHz	430.000 – 440.000 MHz	50 W	30 kHz
23 cm	1.240 – 1.300 GHz	100 W	20 MHz	1.240 – 1.300 GHz	50 W	20 MHz
13 cm	2.300 – 2.450 GHz	100 W	20 MHz	2.300 – 2.450 GHz	50 W	20 MHz
9 cm						
6 cm	5.650 – 5.850 GHz	100 W	20 MHz	5.650 – 5.850 GHz	50 W	20 MHz
3 cm	10.000 – 10.500 GHz	100 W	50 MHz	10.000 – 10.500 GHz	50 W	50 MHz
1.2 cm	24.000 – 24.250 GHz	100 W	50 MHz	24.000 – 24.250 GHz	50 W	50 MHz
6 mm	47.000 – 47.200 GHz	100 W	50 MHz	47.000 – 47.200 GHz	50 W	50 MHz
4 mm	76.000 – 81.000 GHz	100 W	100 MHz	76.000 – 81.000 GHz	50 W	100 MHz
2.5 mm	122.250 – 123.000 GHz	100 W	40 MHz	122.250 – 123.000 GHz	50 W	40 MHz
2 mm	134.000 – 141.000 GHz	100 W	100 MHz	134.000 – 141.000 GHz	50 W	100 MHz
1.2 mm	241.000 – 250.000 GHz	100 W	100 MHz	241.000 – 250.000 GHz	50 W	100 MHz

Notes

- ¹ Contest operation, special permission required
- ² 1 kW PEP during contest operation, special permission required
- ³ 1 kW PEP on application, temporarily approved until 2024-12-31
- ⁴ 100 W PEP on application, temporarily approved until 2024-12-31
- ⁵ Special permission required, temporarily approved until 2024-12-31

Info

Reglugerðasafn: *Reglugerð um starfsemi radióáhugamanna*. <https://www.reglugerd.is/reglugerdir/eftir-raduneytum/srn/nr/3732> (current as of 2004-04-19)

—: *Reglugerð um breytingu á reglugerð um starfsemi radióáhugamanna nr. 348/2004*. <https://www.reglugerd.is/reglugerdir/eftir-raduneytum/samgonguraduneyti/nr/20871> (current as of 2017-12-22)

Electronic Communications Office of Iceland (ECOI): *Frequency planning*. <https://fjarskiptastofa.is/english/telecom-affairs/frequencies-and-technical-matters/> (current as of 2022-03-13 and 2023-07-11)

Ireland

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	EI/ Mainland Ireland EJ/ Islands			
Extensions	/M, /MM			
Equivalent national class	CEPT Licence with CW examination (5 wpm): CEPT Class 1 CEPT Licence without CW examination: CEPT Class 2			
Band	Frequency Range	Power (PEP)¹	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	any	
630 m	472.000 – 479.000 kHz	5 W EIRP	any	
160 m	1.810 – 1.850 MHz	400 W	any	
	1.850 – 2.000 MHz	10 W	any	
80 m	3.500 – 3.800 MHz	400 W ²	any	
60 m ³	5.280 MHz	200 W	³	
	5.300 MHz	200 W	³	
	5.332 MHz	200 W	³	
	5.348 MHz	200 W	³	
	5.3515 – 5.3665 MHz	15 W EIRP	any	
	5.400 MHz	200 W	³	
	5.405 MHz	200 W	³	
40 m	7.000 – 7.200 MHz	400 W ²	any	
30 m	10.100 – 10.130 MHz	400 W	CW	
	10.130 – 10.150 MHz	400 W	500 Hz ⁴	
20 m	14.000 – 14.350 MHz	400 W ²	any	
17 m	18.068 – 18.168 MHz	400 W ²	any	
15 m	21.000 – 21.450 MHz	400 W ²	any	
12 m	24.890 – 24.990 MHz	400 W ²	any	
10 m	28.000 – 29.700 MHz	400 W ²	any	
8 m	30.000 – 49.000 MHz	50 W	any	
6 m	50.000 – 52.000 MHz	100 W	any	
4 m	54.000 – 69.900 MHz	50 W	any	
	69.900 – 70.500 MHz	50 W ⁵	any	
2 m	144.000 – 146.000 MHz	400 W ²	any	
70 cm	430.000 – 432.000 MHz	50 W	any	
	432.000 – 440.000 MHz	400 W	any	
23 cm	1.240 – 1.300 GHz	158 W	any	
13 cm	2.300 – 2.400 GHz	158 W	any	
	2.400 – 2.450 GHz ⁶	25 W	⁷	
9 cm	5.570 – 5.850 GHz	158 W	any	
6 cm	10.000 – 10.270 GHz	158 W	any	
3 cm	10.300 – 10.500 GHz	158 W	any	
1.2 cm	24.000 – 24.050 GHz	50 W	any	
6 mm	47.000 – 47.200 GHz	50 W	any	
4 mm	76.000 – 81.000 GHz	50 W	any	
2.5 mm				
2 mm	134.000 – 141.000 GHz	50 W	any	
1.2 mm	241.000 – 250.000 GHz	50 W	any	

Notes

- ¹ Maximum power during mobile operation 50 W PEP; maximum power during maritime mobile operation 10 W PEP
- ² Maximum power during operation on islands within harbour areas: 50 W PEP
- ³ 5.000–5.500 MHz: operation with special permission only with the following spot frequencies permitted for transmission: 5.280, 5.300, 5.332, 5.348, 5.400, 5.405 MHz in CW (A1A), SSB (J3E), PM (G1B) with 200 W PEP
- ⁴ Narrow band modes, digital (A2A, J2B, J2F, F1B, F2B, G1B)
- ⁵ Maximum power during mobile operation 25 W PEP
- ⁶ Satellite communication only, special permission required
- ⁷ A1A, A2A, A3E, R3E, H3E, J2B, J3E, J2F, F1B, F2B, F3E, G1B

Info

Commission for Communications Regulation (ComReg): *Amateur Station Licence Guidelines*. ComReg 09/45R6.

<https://www.comreg.ie/media/2023/05/ComReg-0945R6.pdf> (current as of 2023-05-29)

—: *Radio Frequency Plan for Ireland*. <https://rfpi.comreg.ie/> (current as of 2023-06-30)

*Israel

Implementation	CEPT Licence T/R 61-01 implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented, but guest licence available ¹
Call sign prefix²	HAREC T/R 61-02 implemented 4X/		
Extensions			
Equivalent national class	Class B/General		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m			
630 m			
160 m	1.810 – 1.850 MHz	250 W	³
	1.850 – 2.000 MHz	10 W	⁴
80 m	3.500 – 3.800 MHz	250 W	³
60 m	5.3515 – 5.3665 MHz	25 W	3 kHz ⁵
40 m	7.000 – 7.200 MHz	250 W	³
30 m	10.100 – 10.150 MHz	250 W	CW
	10.130 – 10.150 MHz	250 W	⁶
20 m	14.000 – 14.350 MHz	250 W	³
17 m	18.068 – 18.168 MHz	250 W	⁴
15 m	21.000 – 21.450 MHz	250 W	³
12 m	24.890 – 24.990 MHz	250 W	³
10 m	28.000 – 29.700 MHz	250 W	³
6 m	50.000 – 52.000 MHz	25 W	250 kHz ⁴
4 m	70.000 – 70.500 MHz	100 W	⁴
2 m	144.000 – 146.000 MHz	150 W	any
70 cm	430.000 – 440.000 MHz	150 W	any
23 cm			
13 cm	2.320 – 2.340 GHz	15 W	any
	2.400 – 2.402 GHz	100 W	any
	2.402 – 2.450 GHz ⁷	100 mW	any
9 cm			
6 cm			
3 cm	10.450 – 10.500 GHz	25 W	any
1.2 cm	24.000 – 24.050 GHz	15 W	any
6 mm	47.000 – 47.200 GHz	15 W	any
4 mm	76.000 – 77.500 GHz	15 W	any
	78.000 – 81.000 GHz	15 W	any
2.5 mm			
2 mm			
1.2 mm	248.000 – 250.000 GHz	15 W	any

Notes

- ¹ Guest licence via https://www.gov.il/BlobFolder/service/radio-amateurs-certificates/he/RadioAmateur_Reciprocal-Amateur-Radio-License.docx
- ² According to the List of CEPT Countries (Annex 2 of T/R 61-01), the following prefixes are allowed for the CEPT Licence: 4X, 4Z.
- ³ CW (A1A), AM (A3A), SSB (J3E, R3E), data (F1A, F1B, F1D, F1E, F1F, F2A, F2B, F2D, F2E, J2A, J2B, J2D, J2E, J2F)
- ⁴ CW (A1A), SSB (J3E, R3E), data (F1A, F1B, F1D, F1E, F1F, F2A, F2B, F2D, F2E, J2A, J2B, J2D, J2E, J2F)
- ⁵ CW (150 Hz), SSB (2,8 kHz), RTTY (300 Hz), PSK31 (60 Hz), PSK63 (125 Hz), PSK125 (250 Hz)
- ⁶ CW (A1A), data (F1A, F1B, F1D, F1E, F1F, F2A, F2B, F2D, F2E, J2A, J2B, J2D, J2E, J2F)
- ⁷ Satellite communication

Info

Ministry of Communications: *Radio Amateur Terms of Allocation of Frequency Bands* [in Hebrew language].

https://www.gov.il/BlobFolder/service/radio-amateurs-certificates/he/RadioAmateur_terms-of-allocation-of-frequency-band.pdf (current as of 2022-08-08)

Israel Amateur Radio Club (IARC): *Licensing information for Israel – 4X*. <https://www.iarc.org/iarc/#CEPT> (current as of 2023-11-24)

Italy

Implementation

CEPT Licence

T/R 61-01 implemented

HAREC

T/R 61-02 implemented

CEPT Novice Licence

ECC/REC/(05)06 not implemented

Call sign prefix

I/

Optional digit or letter/digit combination designating the region:

- I1/ Liguria, Piemonte/Piedmont
- IX1/ Valle d'Aosta/Aosta Valley
- I2/ Lombardia/Lombardy
- I3/ Friuli Venezia Giulia
- IN3/ Trentino-Alto Adige
- IV3/ Venezia Euganea
- I4/ Emilia-Romagna
- I5/ Toscana/Tuscany
- I6/ Abruzzo, Marche
- I7/ Basilicata (province of Matera), Puglia/Apulia
- I8/ Basilicata (province of Potenza), Calabria, Campania, Molise
- IT9/ Sicilia/Sicily
- IØ/ Lazio, Umbria
- ISØ/ Sardegna/Sardinia

Tolerated letter/digit combination designating the island or group of islands:

- IA5/ Isole Toscane/Tuscan Archipelago
- IJ7/ Arcipelago delle Cheradi/Cheradi Islands
- IL7/ Isole Tremiti/Trimiti Island
- IC8/ Isole Napoletane/Islands of Naples Bay
- ID9/ Isole Eolie/Aeolian Islands
- IE9/ Isola di Ustica/Ustica Island
- IF9/ Isole Egadi/Aegadian Islands
- IG9/ Isole Pelagie/Pelagie Islands
- IH9/ Isola di Pantelleria/Pantelleria Island
- IBØ/ Isole Ponziane/Pontine Islands
- IMØ/ Isole della Sardegna/Islands of Sardinia

Extensions

/M, /P (optional)

Equivalent national class

Class A

Band

Frequency Range

Power (PEP)

Bandwidth/ Modes

2200 m	135.700 – 137.800 kHz	1 W EIRP	any
630 m	472.000 – 479.000 kHz	1 W EIRP	any
160 m	1.830 – 1.850 MHz	500 W	any
80 m	3.500 – 3.800 MHz	500 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	500 W	any
30 m	10.100 – 10.150 MHz	500 W	CW
20 m	14.000 – 14.350 MHz	500 W	any
17 m	18.068 – 18.168 MHz	500 W	any
15 m	21.000 – 21.450 MHz	500 W	any
12 m	24.890 – 24.990 MHz	500 W	any
10 m	28.000 – 29.700 MHz	500 W	any
6 m	50.000 – 52.000 MHz	500 W	CW, SSB, digital
4 m			
2 m	144.000 – 146.000 MHz	500 W	any
70 cm	430.000 – 434.000 MHz	500 W	any
	435.000 – 438.000 MHz	500 W	any
23 cm	1.240 – 1.245 GHz	500 W	any
	1.260 – 1.298 GHz	500 W	any
13 cm	2.300 – 2.450 GHz	500 W	any
9 cm			
6 cm	5.650 – 5.670 GHz	500 W	any
	5.760 – 5.770 GHz	500 W	any
	5.830 – 5.850 GHz	500 W	any
3 cm	10.300 – 10.500 GHz	500 W	any
1.2 cm	24.000 – 24.050 GHz	500 W	any
6 mm	47.000 – 47.200 GHz	500 W	any
4 mm	76.000 – 81.500 GHz	500 W	any
2.5 mm	122.250 – 123.000 GHz	500 W	any
2 mm	134.000 – 141.000 GHz	500 W	any
1.2 mm	241.000 – 250.000 GHz	500 W	any

Info

Associazione Radioamatori Italiani (ARI): *Tabella di attribuzione del piano nazionale di ripartizione delle frequenze.*

<http://www.ari.it/images/stories/segreteria/TABELLA.pdf> (current as of 2018-10-19)

—: *Spettro di frequenze.* http://www.ari.it/index.php?option=com_content&view=article&id=120&Itemid=180&lang=it (current as of 2019-01-29)

Ministro dello Sviluppo Economico (MISE): *Modifiche all'allegato n. 26 al decreto legislativo 1° agosto 2003, n. 259, «Codice delle comunicazioni elettroniche», recante la normativa tecnica di disciplina dell'attività radioamatoriale.*

https://ispettorati.mise.gov.it/images/documenti/decreto_marzo_2021.pdf (current as of 2021-03-22)

—: *Piano nazionale di ripartizione delle frequenze tra 0 e 3000 GHz.*

http://www.ari.it/images/stories/segreteria/20220913_214_so_035.pdf (current as of 2022-08-31)

Gazzetta Ufficiale della Repubblica Italiana: *Decreto Legislativo 24 marzo 2024, n. 48. Disposizioni correttive al decreto legislativo 8 novembre 2021, n. 207, di attuazione della direttiva (UE) 2018/1972 del Parlamento europeo e del Consiglio dell'11 dicembre 2018, che modifica il decreto legislativo 1° agosto 2003, n. 259, recante il codice delle comunicazioni elettroniche.*

https://www.gazzettaufficiale.it/atto/serie_generale/caricaDettaglioAtto/originario?atto.dataPubblicazioneGazzetta=2024-04-13&atto.codiceRedazionale=24G00066&elenco30giorni (current as of 2024-04-13)



*Japan

Implementation

CEPT Licence
T/R 61-01 not implemented
HAREC
T/R 61-02 implemented

CEPT Novice Licence
ECC/REC/(05)06 not implemented



Latvia

Implementation				CEPT Novice Licence			
T/R 61-01 implemented				ECC/REC/(05)06 implemented			
HAREC				ERC Report 32 applied			
T/R 61-02 implemented				YL/			
Call sign prefix				YL/			
Extensions				/AM, /M, /MM, /P (optional)			
Equivalent national class				Category A			
Category A				Category B			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz				
630 m	472.000 – 479.000 kHz	1 W EIRP	800 Hz				
160 m	1.810 – 1.850 MHz	1 kW	any				
	1.850 – 2.000 MHz	10 W	any				
80 m	3.500 – 3.800 MHz	1 kW	any	3.510 – 3.750 MHz	100 W	any	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	800 Hz				
40 m	7.000 – 7.200 MHz	1 kW	any	7.010 – 7.080 MHz	100 W	CW, digital	
30 m	10.100 – 10.150 MHz	1 kW	500 Hz				
20 m	14.000 – 14.350 MHz	1 kW	any				
17 m	18.068 – 18.168 MHz	1 kW	any				
15 m	21.000 – 21.450 MHz	1 kW	any	21.000 – 21.450 MHz	100 W	any	
12 m	24.890 – 24.990 MHz	1 kW	any				
10 m	28.000 – 29.700 MHz	1 kW	any	28.000 – 29.700 MHz	100 W	any	
6 m	50.000 – 52.000 MHz	800 W	any	50.000 – 52.000 MHz	100 W	any	
4 m	70.000 – 70.500 MHz	100 W	any				
2 m	144.000 – 146.000 MHz	100 W ¹	any	144.000 – 146.000 MHz	50 W	any	
70 cm	430.000 – 440.000 MHz	100 W ²	any	430.000 – 440.000 MHz	20 W	any	
23 cm	1.240 – 1.300 GHz	100 W ³	any	1.240 – 1.300 GHz	10 W	any	
13 cm	2.300 – 2.450 GHz	750 W	any				
9 cm	3.400 – 3.410 GHz	50 W	any				
6 cm	5.650 – 5.850 GHz	50 W	any				
3 cm	10.000 – 10.500 GHz	50 W	any				
1.2 cm	24.000 – 24.250 GHz	50 W	any				
6 mm	47.000 – 47.200 GHz	50 W	any				
4 mm	76.000 – 81.500 GHz	50 W	any				
2.5 mm	122.250 – 123.000 GHz	50 W	any				
2 mm	134.000 – 141.000 GHz	50 W	any				
1.2 mm	241.000 – 250.000 GHz	50 W	any				

Notes

- ¹ 144.000–144.400 MHz: 1 kW PEP for CW, SSB, digital during EME, MS and international contest operation
- ² 432.000–432.400 MHz: 1 kW PEP for CW, SSB, digital during EME, MS and international contest operation
- ³ 1.296–1.2964 GHz: 300 W PEP for CW, SSB, digital during EME, MS and international contest operation

Info

Latvijas Republikas Satiksmes ministrija: *Radioamatieru radiostaciju būvēšanas, ierīkošanas un lietošanas, kā arī radioamatieru apliecības saņemšanas kārtība*. <https://www.vestnesis.lv/op/2016/155.3> (current as of 2016-08-12)

—: *Radioamatieru eksaminācijas apliecību un radioamatieru radiostacijas atļauju saņemšanas kārtība, kā arī radioamatieru radiostaciju lietošanas kārtība*. <https://www.vestnesis.lv/op/2023/101.5> (current as of 2023-05-23)

—: *Grozījumi Ministru kabineta 2023. gada 10. janvāra noteikumos Nr. 3 "Nacionālais radiofrekvencu plāns"*.

<https://likumi.lv/ta/id/345482-grozijumi-ministru-kabineta-2023-gada-10-janvara-noteikumos-nr-3-nacionalais-radiofrekvencu-plans> (current as of 2023-09-12)

Liechtenstein

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
	HAREC T/R 61-02 not implemented			ERC Report 32 applied		
Call sign prefix	HBØ/			HBØY/		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	CEPT Concession			Class 3 Concession ¹		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	any			
630 m	472.000 – 479.000 kHz	5 W EIRP	any			
160 m	1.810 – 2.000 MHz	1 kW	any	1.810 – 2.000 MHz	100 W	any
80 m	3.500 – 3.800 MHz	1 kW	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	1 kW	any			
30 m	10.100 – 10.150 MHz	1 kW	any			
20 m	14.000 – 14.350 MHz	1 kW	any			
17 m	18.068 – 18.168 MHz	1 kW	any			
15 m	21.000 – 21.450 MHz	1 kW	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	1 kW	any			
10 m	28.000 – 29.700 MHz	1 kW	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	100 W	any			
4 m	70.000 – 70.0375 MHz	25 W ERP	any			
	70.1125 – 70.500 MHz	25 W ERP	any			
2 m	144.000 – 146.000 MHz	1 kW	any	144.000 – 146.000 MHz	50 W	any
70 cm	430.000 – 440.000 MHz	1 kW	any	430.000 – 440.000 MHz	50 W	any
23 cm	1.240 – 1.260 GHz ²	1 kW	any			
	1.260 – 1.300 GHz	1 kW	any			
13 cm	2.300 – 2.308 GHz ²	100 W	any			
	2.308 – 2.312 GHz	100 W	any			
	2.312 – 2.450 GHz ²	100 W	any			
9 cm						
6 cm	5.650 – 5.725 GHz ²	100 W	any			
	5.725 – 5.850 GHz	100 W	any			
3 cm	10.000 – 10.500 GHz	100 W	any			
1.2 cm	24.000 – 24.250 GHz	10 W	any			
6 mm	47.000 – 47.200 GHz	10 W	any			
4 mm	76.000 – 81.500 GHz	10 W	any			
2.5 mm	122.250 – 123.000 GHz	10 W	any			
2 mm	134.000 – 141.000 GHz	10 W	any			
1.2 mm	241.000 – 250.000 GHz	10 W	any			

Notes

¹ Only unmodified commercial transmitters permitted

² Special permission required

Info

Bundesamt für Kommunikation (BAKOM): *Auszug aus dem Fernmeldegesetz und den entsprechenden Verordnungen. Auszug aus den Bestimmungen des Radioreglements für den Amateurfunk.*

https://www.bakom.admin.ch/dam/bakom/de/dokumente/bakom/frequenzen_und_antennen/Frequenznutzung_mit_oder_ohne_Konzessionen/Amateurfunk/vorschriften_fueramateurfunk.pdf.download.pdf/vorschriften_fueramateurfunk.pdf (current as of 2019-01-22)

—: *Verordnung des BAKOM über die Nutzung des Funkfrequenzspektrums.* <https://www.fedlex.admin.ch/eli/cc/2020/914/de> (current as of 2023-01-01)

Amt für Kommunikation (AK): *Verordnung vom 8. Mai 2007 über Identifikationsmittel und Frequenzen im Bereich der elektronischen Kommunikation (IFV).* <https://www.gesetze.li/konso/2007.118> (current as of 2021-01-01)

—: *Liechtenstein Frequency Allocation Plan (FAP) and Specific Assignments.* <https://www.llv.li/serviceportal2/amtstellen/amt-fuer-kommunikation/pdf-llv-ak-frequenzzuweisungsplan.pdf> (current as of 2024-01-01)

Lithuania

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	LY/			LY/		
Equivalent national class	Class A			Class B		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz			
630 m	472.000 – 479.000 kHz	1 W EIRP	any			
160 m	1.715 – 1.800 MHz	10 W	200 Hz			
	1.810 – 1.838 MHz	1 kW	200 Hz			
	1.838 – 1.850 MHz	1 kW	500 Hz			
	1.850 – 2.000 MHz	10 W	2.7 kHz			
80 m	3.500 – 3.800 MHz	1 kW	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	1 kW	any	7.000 – 7.200 MHz	100 W	any
30 m	10.100 – 10.150 MHz	1 kW	any	10.100 – 10.150 MHz	100 W	any
20 m	14.000 – 14.350 MHz	1 kW	any	14.000 – 14.350 MHz	100 W	any
17 m	18.068 – 18.168 MHz	1 kW	any	18.068 – 18.168 MHz	100 W	any
15 m	21.000 – 21.450 MHz	1 kW	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	1 kW	any	24.890 – 24.990 MHz	100 W	any
10 m	28.000 – 29.700 MHz	1 kW	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	25 W EIRP	any			
4 m ¹	70.240 – 70.250 MHz	22 W EIRP	any ²			
2 m	144.000 – 146.000 MHz	250 W ³	any	144.000 – 146.000 MHz	50 W	any
70 cm	430.000 – 440.000 MHz	250 W ⁴	any	430.000 – 440.000 MHz	50 W	any
23 cm	1.240 – 1.300 GHz	100 W	any	1.240 – 1.300 GHz	5 W	any
13 cm	2.300 – 2.450 GHz	25 W	any	2.300 – 2.450 GHz	5 W	any
9 cm						
6 cm	5.660 – 5.670 GHz	25 W	any	5.660 – 5.670 GHz	5 W	any
	5.725 – 5.850 GHz	25 W	any	5.725 – 5.850 GHz	5 W	any
3 cm	10.000 – 10.300 GHz	25 W	any	10.000 – 10.500 GHz	5 W	any
	10.300 – 10.400 GHz	75 W	any			
	10.400 – 10.500 GHz	25 W	any			
1.2 cm	24.000 – 24.250 GHz	25 W	any	24.000 – 24.250 GHz	5 W	any
6 mm	47.000 – 47.200 GHz	25 W	any	47.000 – 47.200 GHz	5 W	any
4 mm	76.000 – 81.000 GHz	25 W	any	76.000 – 81.000 GHz	5 W	any
2.5 mm	122.250 – 123.000 GHz	25 W	any	122.250 – 123.000 GHz	5 W	any
2 mm	134.000 – 141.000 GHz	25 W	any	134.000 – 141.000 GHz	5 W	any
1.2 mm	241.000 – 250.000 GHz	25 W	any	241.000 – 250.000 GHz	5 W	any

Notes

¹ Amateur radio transmitters must not be used in an area closer than 4 km from the borders of the Republic of Belarus and of the Russian Federation and within an area of 15 km from the city limits of Alytaus.

² CW 500 Hz, SSB 3 kHz

³ 144.000–144.160 MHz: 1 kW PEP for EME communication

⁴ 432.000–432.050 MHz: 1 kW PEP for EME communication

Info

Ryšių reguliavimo tarnyba (RRT): *Įsakymas dėl teisės užsiimti radijo mėgėjų veikla suteikimo tvarkos ir užsiėmimo šia veikla sąlygų aprašo*. <https://www.e-tar.lt/rs/actualaediton/TAR.04B43EB8963F/PKTFktexwx/> (current as of 2019-07-01)

—: *Įsakymas dėl Lietuvos Respublikos ryšių reguliavimo tarnybos direktoriaus 2005 m. gruodžio 2 d. įsakymo nr. 1V-1070 „Dėl radijo teisės užsiimti radijo mėgėjų veikla suteikimo tvarkos ir užsiėmimo šia veikla sąlygų aprašo patvirtinimo“ pakeitimo*. 2019 m. kovo 5 d. 1V-285. https://e-seimas.lrs.lt/rs/legalact/TAD/4e6dc642f46611eab72ddb4a109da1b5/format/MSO2010_DOCX/ (current as of 2019-03-05)

—: *Įsakymas dėl Lietuvos Respublikos ryšių reguliavimo tarnybos direktoriaus 2010 M. rugsėjo 9 D. įsakymo nr. 1V-893 „Dėl radijo dažnių (kanalų), kuriuos galima naudoti be atskiros leidimo, sąrašo patvirtinimo“ pakeitimo*. https://e-seimas.lrs.lt/rs/legalact/TAD/4e6dc642f46611eab72ddb4a109da1b5/format/MSO2010_DOCX/ (current as of 2020-09-10)

—: *Nutarimas dėl nacionalinės radijo dažnių paskirstymo lentelės patvirtinimo*. 2016 m. birželio 21 d. nr. 1V-698. <https://www.e-tar.lt/rs/actualaediton/6e718fd037a011e69101aaab2992cbcd/JeypoJVJyh/> (current as of 2023-10-01)

Luxembourg

Implementation				CEPT Novice Licence			
T/R 61-01 implemented				ECC/REC/(05)06 implemented			
HAREC				ERC Report 32 applied			
T/R 61-02 implemented				LX6/			
Call sign prefix				/M, /P (optional)			
Extensions				Novice			
Equivalent national class							
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹	
2200 m	135.700 – 137.800 kHz	1 W ERP	any				
630 m	472.000 – 479.000 kHz	1 W ERP	any	472.000 – 479.000 kHz	1 W ERP	any	
160 m	1.810 – 1.830 MHz	10 W ERP	any	1.810 – 1.830 MHz	10 W ERP	any	
	1.830 – 1.850 MHz	100 W ²	any	1.830 – 1.850 MHz	100 W	any	
	1.850 – 2.000 MHz	10 W ERP	any	1.850 – 2.000 MHz	10 W ERP	any	
80 m	3.500 – 3.800 MHz	100 W ²	any	3.500 – 3.800 MHz	100 W	any	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any	5.3515 – 5.3665 MHz	15 W EIRP	any	
40 m	7.000 – 7.200 MHz	100 W ²	any				
30 m	10.100 – 10.150 MHz	100 W ²	any				
20 m	14.000 – 14.350 MHz	100 W ²	any				
17 m	18.068 – 18.168 MHz	100 W ²	any				
15 m	21.000 – 21.450 MHz	100 W ²	any	21.000 – 21.450 MHz	100 W	any	
12 m	24.890 – 24.990 MHz	100 W ²	any				
10 m	28.000 – 29.700 MHz	100 W ²	any	28.000 – 29.700 MHz	100 W	any	
6 m	50.000 – 52.000 MHz	100 W ²	any	50.000 – 52.000 MHz	100 W	any	
4 m	70.150 – 70.250 MHz	10 W EIRP	any	70.150 – 70.250 MHz	10 W EIRP	any	
2 m	144.000 – 146.000 MHz	100 W ²	any	144.000 – 146.000 MHz	100 W	any	
70 cm	430.000 – 440.000 MHz	100 W ²	any	430.000 – 440.000 MHz	100 W	any	
23 cm	1.240 – 1.300 GHz	100 W ²	any	1.240 – 1.300 GHz	100 W	any	
13 cm	2.300 – 2.450 GHz	100 W ²	any	2.300 – 2.450 GHz	100 W	any	
9 cm	3.400 – 3.410 GHz	100 W ²	any	3.400 – 3.410 GHz	100 W	any	
6 cm	5.650 – 5.850 GHz	100 W ²	any	5.650 – 5.850 GHz	100 W	any	
3 cm	10.000 – 10.500 GHz	100 W ²	any	10.000 – 10.500 GHz	100 W	any	
1.2 cm	24.000 – 24.250 GHz	100 W ²	any	24.000 – 24.250 GHz	100 W	any	
6 mm	47.000 – 47.200 GHz	100 W ²	any	47.000 – 47.200 GHz	100 W	any	
4 mm	75.500 – 81.000 GHz	100 W ²	any	75.500 – 81.000 GHz	100 W	any	
2.5 mm							
2 mm	134.000 – 141.000 GHz	100 W ²	any	134.000 – 141.000 GHz	100 W	any	
	142.000 – 149.000 GHz	100 W ²	any	142.000 – 149.000 GHz	100 W	any	
1.2 mm	241.000 – 250.000 GHz	100 W ²	any	241.000 – 250.000 GHz	100 W	any	

Notes

¹ Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

² 1 kW PEP on application, special permission required

Info

Institut Luxembourgeois de Régulation (ILR): *Plan d'allotissement et d'attribution des ondes radioélectriques au Luxembourg*. <https://assets.ilr.lu/frequences/Documents/ILRLU-1723895916-283.pdf> (current as of 2020-09-10)

—: *Plan des fréquences*. <https://web.ilr.lu/FR/Professionnels/Frequences-radioelectriques/Utilisation-de-frequences/Plan-des-frequences/Pages/default.aspx> (current as of 2022-12-19)

—: *Règlement ILR/F24/1 du 26 janvier 2024 sur les procédures et les modalités d'obtention et de reconnaissance des certificats d'opérateur radioamateur - Service fréquences*. <https://legilux.public.lu/eli/etat/leg/rilr/2024/01/26/a51/jo> (current as of 2024-01-26)

—: *Le service d'amateur au Luxembourg. Guide du radioamateur et de l'utilisateur de stations radioélectriques du service d'amateur*. https://rl.lu/wp-content/uploads/2024/02/Brochure-RA_-Edition-2024.pdf (current as of 2024-02-27)

Malta

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented 9H/		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	9H/		
Extensions			
Equivalent national class	Amateur Station Licence		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W EIRP	any
630 m	472.000 – 479.000 kHz	1 W EIRP	any
160 m	1.810 – 1.850 MHz	400 W	any
	1.850 – 2.000 MHz	10 W	any
80 m	3.500 – 3.800 MHz	400 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	400 W	any
30 m	10.100 – 10.150 MHz	100 W	any
20 m	14.000 – 14.350 MHz	400 W	any
17 m	18.068 – 18.168 MHz	400 W	any
15 m	21.000 – 21.450 MHz	400 W	any
12 m	24.890 – 24.990 MHz	400 W	any
10 m	28.000 – 29.700 MHz ¹	400 W	any
6 m	50.000 – 52.000 MHz	100 W	any
4 m	70.000 – 70.500 MHz	160 W	any
2 m	144.000 – 146.000 MHz	400 W	any
70 cm	430.000 – 432.000 MHz	50 W	any
	432.000 – 440.000 MHz	400 W	any
23 cm	1.240 – 1.300 GHz	200 W	any
13 cm	2.300 – 2.450 GHz	400 W	any
9 cm			
6 cm	5.650 – 5.850 GHz	400 W	any
3 cm	10.000 – 10.500 GHz	400 W	any
1.2 cm	24.000 – 24.250 GHz	400 W	any
6 mm	47.000 – 47.200 GHz	400 W	any
4 mm	76.000 – 81.500 GHz	400 W	any
2.5 mm	122.250 – 123.000 GHz	400 W	any
2 mm	134.000 – 141.000 GHz	400 W	any
1.2 mm	241.000 – 250.000 GHz	400 W	any

Notes

¹ 29.300–29.510 MHz: no transmissions to avoid interference with the amateur-satellite downlink

Info

Government of Malta: *Regolamenti tal-2020 dwar Radjukomunikazzjonijiet (Licenza għal Stazzjon tad-Dilettanti)*.
<https://parlament.mt/media/104020/ln-8-of-2020.pdf> (current as of 2020-01-10)

Malta Communications Authority (MCA): *Radiocommunications (amateur station licence) regulations*.
<https://legislation.mt/eli/sl/399.46/eng> (current as of 2023-09-25)

—: *National Frequency Plan. Edition 6.4*. [https://www.mca.org.mt/sites/default/files/NFP_edition 6-4.pdf](https://www.mca.org.mt/sites/default/files/NFP_edition%206-4.pdf) (current as of 2023-10-06)

Moldova

Implementation

CEPT Licence
T/R 61-01 implemented¹

HAREC

T/R 61-02 implemented

Call sign prefix

ER/

Extensions

/AM, /M, /MM, /P

Equivalent national class

Class B

CEPT Novice Licence
T/R 61-01 implemented¹

ERC Report 32 applied

ER/

/AM, /M, /MM, /P

Class C

Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	CW	135.700 – 137.800 kHz	1 W ERP	CW
630 m	472.000 – 479.000 kHz	1 W ERP	CW	472.000 – 479.000 kHz	1 W ERP	CW
160 m	1.810 – 1.838 MHz	5 W	CW	1.850 – 1.900 MHz	5 W	CW, SSB
	1.838 – 1.840 MHz	5 W	CW, digital	1.900 – 2.000 MHz	5 W	CW, SSB, AM
	1.840 – 1.842 MHz	5 W	CW, SSB, digital			
	1.842 – 1.900 MHz	5 W	CW, SSB			
	1.900 – 2.000 MHz	5 W	CW, SSB, AM			
80 m	3.580 – 3.600 MHz	100 W	CW, digital	3.580 – 3.600 MHz	25 W	CW, digital
	3.600 – 3.620 MHz	100 W	CW, SSB, digital	3.600 – 3.620 MHz	25 W	CW, SSB, digital
	3.620 – 3.730 MHz	100 W	CW, SSB	3.620 – 3.730 MHz	25 W	CW, SSB
	3.730 – 3.740 MHz	100 W	CW, SSB, SSTV	3.730 – 3.740 MHz	25 W	CW, SSB, SSTV
	3.740 – 3.800 MHz	100 W	CW, SSB	3.740 – 3.800 MHz	25 W	CW, SSB
60 m	7.035 – 7.040 MHz	100 W	CW, digital, SSTV	7.035 – 7.040 MHz	25 W	CW, digital, SSTV
40 m	7.040 – 7.045 MHz	100 W	CW, SSB, digital, SSTV	7.040 – 7.045 MHz	25 W	CW, SSB, digital, SSTV
	7.045 – 7.200 MHz	100 W	CW, SSB	7.045 – 7.200 MHz	25 W	CW, SSB
30 m	10.140 – 10.150 MHz	100 W	CW, digital			
20 m	14.070 – 14.100 MHz	100 W	CW, digital			
	14.100 – 14.120 MHz	100 W	CW, SSB, digital			
	14.120 – 14.225 MHz	100 W	CW, SSB			
	14.225 – 14.235 MHz	100 W	CW, SSB, SSTV			
	14.235 – 14.350 MHz	100 W	CW, SSB			
17 m	18.100 – 18.110 MHz	100 W	CW, digital			
	18.110 – 18.168 MHz	100 W	CW, SSB			
15 m	21.080 – 21.120 MHz	100 W	CW, digital			
	21.150 – 21.335 MHz	100 W	CW, SSB			
	21.335 – 21.345 MHz	100 W	CW, SSB, SSTV			
	21.345 – 21.450 MHz	100 W	CW, SSB			
12 m	24.920 – 24.930 MHz	100 W	CW, digital			
	24.930 – 24.990 MHz	100 W	CW, SSB			
10 m	28.070 – 28.150 MHz	100 W	CW, digital	28.070 – 28.150 MHz	25 W	CW, digital
	28.225 – 28.675 MHz	100 W	CW, SSB	28.225 – 28.675 MHz	25 W	CW, SSB
	28.675 – 28.685 MHz	100 W	CW, SSB, SSTV	28.675 – 28.685 MHz	25 W	CW, SSB, SSTV
	28.685 – 28.800 MHz	100 W	CW, SSB	28.685 – 28.800 MHz	25 W	CW, SSB
	28.800 – 29.000 MHz	100 W	CW, SSB, AM	28.800 – 29.000 MHz	25 W	CW, SSB, AM
	29.000 – 29.700 MHz	100 W	CW, SSB, AM, FM	29.000 – 29.700 MHz	25 W	CW, SSB, AM, FM
6 m ²	50.000 – 52.000 MHz					
4 m						
2 m	144.000 – 144.035 MHz	100 W	CW, SSB	144.000 – 144.035 MHz	25 W	CW, SSB
	144.035 – 144.100 MHz	100 W	CW	144.100 – 144.150 MHz	25 W	CW, digital
	144.100 – 144.150 MHz	100 W	CW, digital	144.150 – 144.350 MHz	25 W	CW, SSB
	144.150 – 144.350 MHz	100 W	CW, SSB	144.350 – 144.400 MHz	25 W	CW, digital
	144.350 – 144.400 MHz	100 W	CW, digital	144.500 – 144.800 MHz	25 W	CW, SSB, AM, FM, digital, SSTV
	144.400 – 144.500 MHz	100 W	CW	144.800 – 144.990 MHz	25 W	digital
	144.500 – 144.800 MHz	100 W	CW, SSB, AM, FM, digital, SSTV	144.990 – 145.800 MHz	25 W	FM
	144.800 – 144.990 MHz	100 W	Digital			
	144.990 – 145.800 MHz	100 W	FM	145.800 – 146.000 MHz	25 W	CW, SSB, FM
	145.800 – 146.000 MHz	100 W	CW, SSB, FM			

70 cm	430.000 – 432.000 MHz	5 W	FM	430.000 – 432.000 MHz	5 W	FM
	432.000 – 432.150 MHz	5 W	CW	432.150 – 432.800 MHz	5 W	CW, SSB
	432.150 – 432.800 MHz	5 W	CW, SSB	432.990 – 433.600 MHz	5 W	FM
	432.800 – 432.990 MHz	5 W	CW	433.600 – 434.000 MHz	5 W	CW, SSB, AM, FM, digital, SSTV
	432.990 – 433.600 MHz	5 W	FM	434.000 – 435.981 MHz	5 W	ATV
	433.600 – 434.000 MHz	5 W	CW, SSB, AM, FM, digital, SSTV	435.981 – 440.000 MHz	5 W	CW, SSB, AM, FM, digital, ATV
	434.000 – 435.981 MHz	5 W	ATV			
	435.981 – 440.000 MHz	5 W	CW, SSB, AM, FM, digital, ATV			
23 cm	1.240 – 1.300 GHz	10 W	CW, SSB, FM			
13 cm	2.300 – 2.450 GHz	5 W	CW, SSB, FM			
9 cm						
6 cm	5.650 – 5.850 GHz	5 W	CW, SSB, FM			
3 cm	10.000 – 10.500 GHz	5 W	CW, SSB, FM			
1.2 cm	24.050 – 24.250 GHz	5 W	CW, SSB, FM			
6 mm	47.000 – 47.200 GHz	5 W	CW, SSB, FM	47.000 – 47.200 GHz	5 W	CW, SSB, FM
4 mm	76.000 – 78.000 GHz	5 W	CW, SSB, FM	77.500 – 78.000 GHz	5 W	CW, SSB, FM
	78.000 – 81.000 GHz	1 W	CW, SSB, FM			
2.5 mm						
2 mm	134.000 – 141.000 GHz	5 W	CW, SSB, FM			
1.2 mm	241.000 – 250.000 GHz	5 W	CW, SSB, FM	248.000 – 250.000 GHz	5 W	CW, SSB, FM

Notes

- ¹ Prior to any amateur radio activity in Moldova, a registration with the National Radio Frequency Management Service (NRFMS) is required indicating the location and duration of the stay: Serviciul Național de Management al Frecvențelor Radio (SNMFR), 22/20, N. Dîmo str., Durlești, Chișinău, MD-2003, Republica Moldova; phone: +373 22 785-729; email: snfr@snfr.md; online: <http://www.snfr.md/index.php?pag=feedback&id=1283&l=en>; http://www.snfr.md/media/files/documente/forme_de_solicitare/En/formular_notificare_radioamator_eng.pdf
- ² Special permission required

Info

National Regulatory Agency for Electronic Communications and Information Technology (ANRCETI): *Ordin cu privire la aprobarea Regulamentului de radiocomunicații pentru serviciul de amator din Republica Moldova*. [https://anrceti.md/files/filefield/ORDIN MEI nr. 290 din 12.06.2018_0.doc](https://anrceti.md/files/filefield/ORDIN_MEI_nr_290_din_12.06.2018_0.doc) (current as of 2018-06-29)

Serviciul Național de Management al Frecvențelor Radio (SNMFR): *Tabelul național de atribuire a benzilor de frecvențe*. http://www.snfr.md/media/files/tnabf/2022/TNABF_MDA_2022_ROM.pdf (current as of 2022-12-23)

Monaco

Implementation	CEPT Licence T/R 61-01 implemented ¹ HAREC T/R 61-02 implemented 3A/		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	3A/		
Extensions			
Equivalent national class	Licence Générale ²		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes³
2200 m	135.700 – 137.800 kHz	1 W EIRP	any
630 m	472.000 – 479.000 kHz	1 W EIRP	any
160 m	1.810 – 2.000 MHz	100 W	any
80 m	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	100 W	any
30 m	10.100 – 10.150 MHz	100 W	any
20 m	14.000 – 14.350 MHz	100 W	any
17 m	18.068 – 18.168 MHz	100 W	any
15 m	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	100 W	any
10 m	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	100 W	any
4 m	70.000 – 70.500 MHz	100 W	any
2 m	144.000 – 146.000 MHz	100 W	any
70 cm	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	100 W	any
13 cm	2.300 – 2.450 GHz	100 W	any
9 cm			
6 cm	5.650 – 5.850 GHz	100 W	any
3 cm	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	100 W	any
6 mm	47.000 – 47.200 GHz	100 W	any
4 mm	76.000 – 81.500 GHz	100 W	any
2.5 mm	122.250 – 123.000 GHz	100 W	any
2 mm	134.000 – 141.000 GHz	100 W	any
1.2 mm	241.000 – 250.000 GHz	100 W	any

Notes

- ¹ Prior to any amateur radio activity in Monaco, a registration with the PTT is required indicating the location and duration of the stay: Direction des Communications Electroniques, 23, Avenue Albert II, MC-98000 Monaco; phone: +377 98988800; email: dce@gouv.mc
- ² According to CEPT Recommendation T/R 61-01, a CW examination is required for the use of hf bands (below 30 MHz).
- ³ Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

Info

Association des Radioamateurs de Monaco (ARM): *Réglementation monégasque*. <http://www.arm.mc/Reglementation.html> (current as of 2022-03-06)

Montenegro

Implementation		CEPT Licence			CEPT Novice Licence		
		T/R 61-01 implemented			ECC/REC/(05)06 implemented according to national amateur radio regulations, but Montenegro not included in the List of CEPT Countries (ECC/REC/(05)06, Annex 2)		
		HAREC			ERC Report 32 applied		
		T/R 61-02 implemented			40/		
Call sign prefix		4O/			4O/		
Extensions		/AM, /M, /MM, /P			/AM, /M, /MM, /P		
Equivalent national class		Class A			Class N		
Band		Frequency Range	Power (PEP)	Bandwidth/Modes ¹	Frequency Range	Power (PEP)	Bandwidth/Modes ¹
2200 m		135.700 – 137.800 kHz	1 W EIRP	200 Hz ²			
630 m		472.000 – 479.000 kHz	20 W ERP	500 Hz ³			
160 m		1.810 – 1.838 MHz	300 W	200 Hz ²			
		1.838 – 1.840 MHz	300 W	500 Hz ³			
		1.840 – 1.843 MHz	300 W	2.7 kHz ⁴			
		1.843 – 2.000 MHz	300 W	2.7 kHz ⁵			
80 m		3.500 – 3.580 MHz	1.5 kW	200 Hz ²	3.500 – 3.580 MHz	100 W	200 Hz ²
		3.580 – 3.600 MHz	1.5 kW	500 Hz ³	3.580 – 3.600 MHz	100 W	500 Hz ³
		3.600 – 3.800 MHz	1.5 kW	2.7 kHz	3.600 – 3.800 MHz	100 W	2.7 kHz
60 m ⁶		5.3515 – 5.3665 MHz	15 W EIRP				
40 m		7.000 – 7.040 MHz	1.5 kW	200 Hz ²	7.000 – 7.040 MHz	100 W	200 Hz ²
		7.040 – 7.050 MHz	1.5 kW	500 Hz ³	7.040 – 7.050 MHz	100 W	500 Hz ³
		7.050 – 7.060 MHz	1.5 kW	2.7 kHz ⁴	7.050 – 7.060 MHz	100 W	2.7 kHz ⁴
		7.060 – 7.200 MHz	1.5 kW	2.7 kHz	7.060 – 7.200 MHz	100 W	2.7 kHz
30 m		10.100 – 10.140 MHz	300 W	200 Hz ²			
		10.140 – 10.150 MHz	300 W	500 Hz ³			
20 m		14.000 – 14.070 MHz	1.5 kW	200 Hz ²			
		14.070 – 14.099 MHz	1.5 kW	500 Hz ³			
		14.099 – 14.101 MHz ⁷					
		14.101 – 14.112 MHz	1.5 kW	2.7 kHz ⁴			
		14.112 – 14.350 MHz	1.5 kW	2.7 kHz			
17 m		18.068 – 18.095 MHz	300 W	200 Hz ²			
		18.095 – 18.109 MHz	1.5 kW	500 Hz ³			
		18.109 – 18.111 MHz ⁷					
		18.111 – 18.168 MHz	300 W	2.7 kHz			
15 m		21.000 – 21.070 MHz	1.5 kW	200 Hz ²	21.000 – 21.070 MHz	100 W	200 Hz ²
		21.070 – 21.110 MHz	1.5 kW	500 Hz ³	21.070 – 21.110 MHz	100 W	500 Hz ³
		21.110 – 21.120 MHz	1.5 kW	2.7 kHz ³	21.110 – 21.120 MHz	100 W	2.7 kHz ³
		21.120 – 21.149 MHz	1.5 kW	500 Hz ³	21.120 – 21.149 MHz	100 W	500 Hz ³
		21.149 – 21.151 MHz ⁷			21.149 – 21.151 MHz ⁷		
		21.151 – 21.450 MHz	1.5 kW	2.7 kHz	21.151 – 21.450 MHz	100 W	2.7 kHz
12 m		24.890 – 24.915 MHz	300 W	200 Hz ²			
		24.915 – 24.929 MHz	300 W	500 Hz ³			
		24.929 – 24.931 MHz ⁷					
		24.931 – 24.990 MHz	300 W	2.7 kHz			
10 m		28.000 – 28.050 MHz	1.5 kW	200 Hz ²	28.000 – 28.050 MHz	100 W	200 Hz ²
		28.050 – 28.190 MHz	1.5 kW	500 Hz ³	28.050 – 28.150 MHz	100 W	500 Hz ³
		28.190 – 28.225 MHz ⁷			28.190 – 28.225 MHz ⁷		
		28.225 – 29.100 MHz	1.5 kW	2.7 kHz	28.225 – 29.100 MHz	100 W	2.7 kHz
		29.100 – 29.300 MHz	1.5 kW	6 kHz	29.100 – 29.300 MHz	100 W	6 kHz
		29.300 – 29.510 MHz ⁸			29.300 – 29.510 MHz ⁹		
		29.510 – 29.520 MHz ⁹			29.510 – 29.520 MHz		
		29.520 – 29.700 MHz	1.5 kW	6 kHz	29.520 – 29.700 MHz	100 W	6 kHz
6 m		50.000 – 50.100 MHz	100 W	200 Hz ²	50.000 – 50.100 MHz	25 W	200 Hz ²
		50.100 – 50.500 MHz	100 W	2.7 kHz ⁴	50.100 – 50.500 MHz	25 W	2.7 kHz ⁴
		50.500 – 52.000 MHz	100 W	12 kHz	50.500 – 52.000 MHz	25 W	12 kHz
4 m		70.050 – 70.250 MHz	100 W	2.7 kHz ⁴	70.050 – 70.250 MHz	25 W	2.7 kHz ⁴
		70.250 – 70.450 MHz	100 W	12 kHz	70.250 – 70.450 MHz	25 W	12 kHz
2 m		144.000 – 144.035 MHz ¹⁰	1.5 kW	500 Hz ²	144.000 – 144.035 MHz ¹⁰	25 W	500 Hz ²
		144.035 – 144.110 MHz	1.5 kW	500 Hz ²	144.035 – 144.110 MHz	25 W	500 Hz ²
		144.110 – 144.150 MHz	1.5 kW	500 Hz ³	144.110 – 144.150 MHz	25 W	500 Hz ³
		144.150 – 144.180 MHz	1.5 kW	2.7 kHz ⁴	144.150 – 144.180 MHz	25 W	2.7 kHz ⁴
		144.180 – 144.360 MHz	1.5 kW	2.7 kHz ⁵	144.180 – 144.360 MHz	25 W	2.7 kHz ⁵
		144.360 – 144.399 MHz	1.5 kW	2.7 kHz ⁴	144.360 – 144.399 MHz	25 W	2.7 kHz ⁴
		144.399 – 144.499 MHz ⁷			144.399 – 144.499 MHz ⁷		
		144.499 – 144.794 MHz	300 W	20 kHz	144.499 – 144.794 MHz	25 W	20 kHz
		144.794 – 144.994 MHz	50 W	12 kHz ¹¹	144.794 – 144.994 MHz	25 W	12 kHz ¹¹
		144.994 – 145.1935 MHz	50 W	12 kHz ¹²	144.994 – 145.1935 MHz	25 W	12 kHz ¹²
		145.194 – 145.206 MHz ¹³	50 W	12 kHz	145.194 – 145.206 MHz ¹³	25 W	12 kHz

70 cm	145.206 – 145.7935 MHz	50 W	12 kHz ¹²	145.206 – 145.7935 MHz	25 W	12 kHz ¹²
	145.7935 – 145.806 MHz ¹³	50 W	12 kHz	145.806 – 146.000 MHz ¹⁴	25 W	12 kHz
	145.806 – 146.000 MHz ¹⁴	50 W	12 kHz			
	430.000 – 430.925 MHz	50 W	digital	430.000 – 430.925 MHz	25 W	digital
	430.950 – 431.775 MHz	50 W	NBFM	430.950 – 431.775 MHz	25 W	NBFM
	432.000 – 432.100 MHz	1.5 kW	CW	432.000 – 432.100 MHz	25 W	CW
	432.100 – 432.399 MHz	1.5 kW	CW, SSB	432.100 – 432.399 MHz	25 W	CW, SSB
	432.399 – 432.500 MHz ⁷			432.399 – 432.500 MHz ⁷		
	432.500 – 432.994 MHz	50 W	any	432.500 – 432.994 MHz	25 W	any
	432.994 – 433.600 MHz	50 W	NBFM	432.994 – 433.600 MHz	25 W	NBFM
	433.600 – 434.000 MHz	300 W	any	433.600 – 434.000 MHz	25 W	any
	434.000 – 434.594 MHz	50 W	digital	434.000 – 434.594 MHz	25 W	digital
	434.594 – 435.000 MHz	50 W	NBFM	435.000 – 438.000 MHz ¹⁴	25 W	
	435.000 – 438.000 MHz ¹⁴	50 W		438.000 – 438.525 MHz	25 W	digital
23 cm	438.000 – 438.525 MHz	50 W	digital	439.400 – 439.775 MHz	25 W	digital
	439.400 – 439.775 MHz	50 W	digital			
	1.240 – 1.24325 GHz	300 W	any			
	1.24325 – 1.260 GHz	300 W	ATV ¹⁵			
	1.260 – 1.270 GHz ¹⁴	50 W				
	1.270 – 1.272 GHz	300 W	any			
	1.272 – 1.290994 GHz	300 W	ATV ¹⁵			
	1.290994 – 1.291494 GHz	50 W	NBFM			
	1.291494 – 1.296 GHz	300 W	any			
	1.296 – 1.29615 GHz	300 W	CW			
	1.29615 – 1.296994 GHz	300 W	CW, SSB			
	1.296994 – 1.298 GHz	50 W	NBFM			
	1.298 – 1.300 GHz	300 W	any			
	2.300 – 2.320 GHz	300 W	any			
13 cm	2.320 – 2.32015 GHz	300 W	CW			
	2.32015 – 2.321 GHz	300 W	CW, SSB			
	2.321 – 2.322 GHz	50 W	NBFM			
	2.322 – 2.400 GHz	300 W	any			
9 cm	2.400 – 2.450 GHz ¹⁴	50 W				
	3.400 – 3.402 GHz	50 W	narrow			
6 cm	3.402 – 3.410 GHz	50 W	any			
	5.650 – 5.668 GHz ¹⁶	50 W				
3 cm	5.668 – 5.670 GHz ¹⁶	50 W	narrow			
	5.700 – 5.720 GHz	300 W	ATV ¹⁵			
	5.720 – 5.760 GHz	300 W	any			
	5.760 – 5.762 GHz	300 W	narrow			
	5.762 – 5.790 GHz	300 W	any			
	5.790 – 5.850 GHz ⁸					
	10.000 – 10.150 GHz	300 W	digital			
1.2 cm	10.150 – 10.250 GHz	300 W	any			
	10.250 – 10.350 GHz	300 W	digital			
	10.350 – 10.368 GHz	300 W	any			
	10.368 – 10.370 GHz	300 W	narrow			
	10.370 – 10.450 GHz	300 W	any			
	10.450 – 10.500 GHz ¹⁴	50 W				
	24.000 – 24.048 GHz ¹⁴	50 W				
6 mm	24.048 – 24.050 GHz	300 W	narrow			
	24.050 – 24.192 GHz	300 W	any			
	24.192 – 24.194 GHz	300 W	narrow			
	24.194 – 24.250 GHz	300 W	any			
4 mm	47.000 – 47.200 GHz ¹⁴	50 W	any			
	47.200 – 48.500 GHz	300 W	any			
2.5 mm	75.500 – 77.500 GHz	300 W	any			
	77.500 – 77.501 GHz ¹⁴	50 W	narrow			
2 mm	77.501 – 81.500 GHz	300 W	any			
	122.250 – 122.251 GHz	300 W	narrow			
1.2 mm	122.251 – 123.000 GHz	300 W	any			
	134.000 – 134.001 GHz ¹⁴	50 W	narrow			
1.2 mm	134.001 – 141.000 GHz	300 W	any			
	241.000 – 248.000 GHz	300 W	any			
	248.000 – 248.001 GHz ¹⁴	50 W	narrow			
	248.001 – 250.000 GHz	300 W	any			

Notes

¹ CW: CW examination required

² CW

³ CW, digital

⁴ CW, SSB, digital

⁵ CW, SSB

⁶ Band listed in the national frequency plan (Plan namjene radio-frekvencijskog spektra), but not included in the national amateur radio regulations

- 7 Beacon stations
- 8 Satellite communication (downlink)
- 9 Guard channel
- 10 EME communication
- 11 Digital
- 12 NBFM
- 13 Space communication
- 14 Satellite communication
- 15 ATV: special permission required
- 16 Satellite communication (uplink)

Info

Crna Gora Agencija za elektronske komunikacije i poštansku djelatnost (EKIP): *Plan raspodjele radio-frekvencija namijenjenih radioamaterskoj službi*. [https://ekip.me/media/documents/general/1601566625_Plan raspodjele radio-frekvencija namijenjenih radioamaterskoj sluzbi 25-2012.pdf](https://ekip.me/media/documents/general/1601566625_Plan%20raspodjele%20radio-frekvencija%20namijenjenih%20radioamaterskoj%20sluzbi%2025-2012.pdf) (current as of 2012-04-11)

—: *Plan namjene radio-frekvencijskog spektra*. [https://ekip.me/media/documents/general/1612960870_Plan namjene RF spektra_kompletan_konacno - SI list CG 89-20, 104-20.pdf](https://ekip.me/media/documents/general/1612960870_Plan%20namjene%20RF%20spektra_kompletan_konacno-SI%20list%20CG%2089-20,%20104-20.pdf) (current as of 2021-02-10)



Netherlands

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	PA/			PD/		
Equivalent national class	/M, /P (optional)			/M, /P (optional)		
Band	Class F			Class N		
	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	400 W	A1A			
630 m ¹	472.000 – 479.000 kHz	100 W	A1A, F1A, G1A, J2A			
160 m	1.810 – 1.880 MHz	400 W	any			
80 m	3.500 – 3.800 MHz	400 W	any			
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	400 W	any	7.000 – 7.200 MHz	100 W	any
30 m ¹	10.100 – 10.140 MHz	400 W	any			
	10.140 – 10.150 MHz	400 W	500 Hz			
20 m	14.000 – 14.350 MHz	400 W	any	14.000 – 14.350 MHz ²	100 W	any
17 m	18.068 – 18.168 MHz	400 W	any			
15 m	21.000 – 21.450 MHz	400 W	any			
12 m	24.890 – 24.990 MHz	400 W	any			
10 m	28.000 – 29.700 MHz	400 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 50.450 MHz	120/30 W ³	any			
	50.450 – 52.000 MHz	30 W	any			
4 m	70.000 – 70.500 MHz	50 W	any			
2 m	144.000 – 146.000 MHz	400 W	any	144.000 – 146.000 MHz	25 W	any
70 cm	430.000 – 440.000 MHz	400 W	any	430.000 – 440.000 MHz	25 W	any
23 cm	1.240 – 1.300 GHz	120 W	any			
13 cm	2.300 – 2.450 GHz ⁴	120 W	any			
9 cm	3.400 – 3.410 GHz	120 W	any			
6 cm	5.650 – 5.850 GHz	120 W	any			
3 cm	10.000 – 10.500 GHz	120 W	any			
1.2 cm	24.000 – 24.250 GHz	120 W	any			
6 mm	47.000 – 47.200 GHz	120 W	any			
4 mm	75.500 – 81.500 GHz	120 W	any			
2.5 mm	122.250 – 123.000 GHz	120 W	any			
2 mm	134.000 – 141.000 GHz	120 W	any			
1.2 mm	241.000 – 250.000 GHz	120 W	any			

Notes

- ¹ No contest operation permitted
- ² Error in national amateur radio regulations (Staatscourant): 14.000–14.250 MHz
- ³ 120 W PEP for A1A, J3E
- ⁴ 2.400–2.450 MHz: satellite communication

Info

Overheid van Nederland: *Regeling gebruik van frequentieruimte met meldingsplicht 2015*. <https://wetten.overheid.nl/BWBR0036375/2021-06-18> (current as of 2021-06-18)

—: *Regeling van de Staatssecretaris van Economische Zaken en Klimaat van 15 juni 2021, nr. WJZ / 21156348, houdende wijziging van de Regeling categorieën niet-automatisch voortrollende vergunningen en de Regeling gebruik van frequentieruimte met meldingsplicht 2015 in verband met de aanpassing van enkele regels voor radiozendamateurs en het niet-automatisch voortrollen van de vergunningen voor DAB+-laag 6*. <https://zoek.officielebekendmakingen.nl/stcrt-2021-31799.html> (current as of 2021-06-18)

—: *Nationaal Frequentieplan 2014*. <https://wetten.overheid.nl/BWBR0035791/2023-03-30> (current as of 2023-03-30)

Vereniging voor Experimenteel Radio Onderzoek in Nederland (VERON): *Visiting the Netherlands*. <https://www.veron.nl/visiting-the-netherlands/> (current as of 2023-05-24)

Netherlands – *Aruba

Implementation	CEPT Licence			CEPT Novice Licence		
	T/R 61-01 implemented ¹			ECC/REC/(05)06 implemented ¹		
	HAREC			ERC Report 32 not applied		
Call sign prefix	T/R 61-02 not implemented			P4/		
Extensions	P4/			P4/		
Equivalent national class	/M, /P			/M, /P		
Band ³	Class F			Class N ²		
	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m						
630 m						
160 m	1.810 – 1.850 MHz	100 W	6 kHz ⁴			
	1.950 – 2.000 MHz	100 W	6 kHz ⁴			
80 m	3.500 – 4.000 MHz	150 W	6 kHz ⁵			
60 m						
40 m	7.000 – 7.300 MHz	150 W	6 kHz ⁵			
30 m						
20 m	14.000 – 14.350 MHz	150 W	6 kHz ⁵			
17 m						
15 m	21.000 – 21.450 MHz	150 W	6 kHz ⁵			
12 m						
10 m	28.000 – 29.700 MHz	150 W	6 kHz ⁵			
6 m	50.000 – 54.000 MHz ⁶	150 W	6/12 kHz ⁷			
4 m						
2 m	144.000 – 148.000 MHz	150 W	6/12 kHz ⁷	145.000 – 145.500 MHz	25 W	F2B, G2B
				146.000 – 148.000 MHz	25 W	F2E, G3E
1.25 m	220.000 – 225.000 MHz	150 W	6/12 kHz ⁷	220.000 – 225.000 MHz	25 W	F2B, G2B, F3E, G3E
70 cm	420.000 – 450.000 MHz	150 W	6/12 kHz ⁷	430.000 – 433.000 MHz	25 W	F2B, G2B, F3E, G3E
				438.000 – 444.000 MHz	25 W	F2B, G2B, F3E, G3E
23 cm	1.215 – 1.300 GHz	150 W	6/12 kHz ⁷			
13 cm	2.300 – 2.450 GHz	150 W	6/12 kHz ⁷			
9 cm	3.300 – 3.400 GHz	150 W	6/12 kHz ⁷			
6 cm	5.650 – 5.925 GHz	150 W	6/12 kHz ⁷			
3 cm	10.000 – 10.500 GHz	150 W	6/12 kHz ⁷			
1.2 cm						
6 mm						
4 mm						
2.5 mm						
2 mm						
1.2 mm						

Notes

- ¹ T/R 61-01 and ECC/REC/(05)06 implemented according to CEPT, but implementation questioned by the Aruba Amateur Radio Club; information via Directie Telecommunicatie Zaken (DTZ), dirtelza@dtz.aw
- ² Operating privileges according to the List of CEPT Countries (CEPT ECC/REC/(05)06, Annex 2)
- ³ Further allocations may be possible in future
- ⁴ A1, A3
- ⁵ A1, A2, A3, F1, F2, F3
- ⁶ Error in licence application form: 50–1850 MHz
- ⁷ Maximum bandwidth 6 kHz for AM, 12 kHz for FM, PM

Info

Directie Telecommunicatie Zaken (DTZ): *Regeling zendvoorwaarden radioamateurs*. https://www.dtz.aw/index_htm_files/Regeling_zendvoorwaarden_radioamateurs_AB_1989_GT_66.pdf (current as of 1989-11-03)

—: *Radio-amateur reciproke*. https://www.dtz.aw/index_htm_files/Radio-Amateur_Reciproke_D.docx (current as of 2022-09-29)

Overheid van Aruba: *Regeling zendvoorwaarden radioamateurs*. <https://cuatro.sim-cdn.nl/arubaoverheid2858bd/uploads/0910gt89.066.pdf> (current as of 2013-11-11)

Aruba Amateur Radio Club (AARC): *P4 Licences*. https://www.qsl.net/aarc/w_p4_license.htm (current as of 2014-09-22)

Netherlands – *Caribbean Netherlands

Bonaire, Sint Eustatius, Saba

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented				ECC/REC/(05)06 implemented			
	HAREC							
	T/R 61-02 implemented				ERC Report 32 applied			
Call sign prefix	PJ4/ Bonaire PJ5/ Sint Eustatius PJ6/ Saba				PJ4/ Bonaire PJ5/ Sint Eustatius PJ6/ Saba			
Extensions	/M, /P (optional)				/M, /P (optional)			
Equivalent national class	Class F				Class N ¹			
Band	Frequency Range		Power (PEP)	Bandwidth/ Modes	Frequency Range		Power (PEP)	Bandwidth/ Modes
2200 m	135.700	– 137.800 kHz	250 W	A1A				
630 m ²	472.000	– 479.000 kHz	100 W	A1A, F1A, G1A, J2A				
160 m	1.800	– 2.000 MHz	1.5 kW	³				
80 m	3.500	– 4.000 MHz	1.5 kW	⁴				
60 m	5.3515	– 5.3665 MHz	25 W EIRP	any				
40 m	7.000	– 7.300 MHz	1.5 kW	⁴				
30 m ²	10.100	– 10.150 MHz	1.5 kW	A1A, F1B				
20 m	14.000	– 14.350 MHz	1.5 kW	⁴				
17 m	18.068	– 18.168 MHz	1.5 kW	⁴				
15 m	21.000	– 21.450 MHz	1.5 kW	⁴				
12 m	24.890	– 24.990 MHz	1.5 kW	⁴				
10 m	28.000	– 29.700 MHz	1.5 kW	⁴				
6 m	50.000	– 54.000 MHz	120/30 W ⁵	⁶				
4 m								
2 m	144.000	– 148.000 MHz	150 W	⁶	145.000	– 145.500 MHz	25 W	F2B, G2B
					146.000	– 148.000 MHz	25 W	F3E, G3E
1.25 m	220.000	– 225.000 MHz	150 W	⁷	220.000	– 225.000 MHz	25 W	F2B, G2B, F3E, G3E
70 cm	430.000	– 440.000 MHz	150 W	⁷	430.000	– 433.000 MHz	25 W	F2B, G2B, F3E, G3E
					438.000	– 444.000 MHz	25 W	F2B, G2B, F3E, G3E
33 cm	902.000	– 928.000 MHz	150 W	⁸				
23 cm	1.240	– 1.300 GHz	120 W	any				
13 cm	2.300	– 2.450 GHz ⁹	120 W	any				
9 cm	3.300	– 3.500 GHz	120 W	any				
6 cm	5.650	– 5.925 GHz	120 W	any				
3 cm	10.000	– 10.500 GHz	120 W	any				
1.2 cm	24.000	– 24.500 GHz	120 W	any				
6 mm	47.000	– 47.200 GHz	120 W	any				
4 mm	76.000	– 81.000 GHz	120 W	any				
2.5 mm	122.250	– 123.000 GHz	120 W	any				
2 mm	134.000	– 141.000 GHz	120 W	any				
1.2 mm	241.000	– 250.000 GHz	120 W	any				

Notes

¹ Operating privileges according to the List of CEPT Countries (CEPT ECC/REC/(05)06, Annex 2)

² No contest operation permitted

³ A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E

⁴ A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E

⁵ 120 W PEP for A1A, J3E

⁶ A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C

⁷ A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F

⁸ A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C, C3F

⁹ 2.400–2.450 MHz: satellite communication

Info

Overheid van Nederland: *Besluit radioamateurs BES*. <https://wetten.overheid.nl/BWBR0028725/2010-10-10> (current as of 2010-10-10)

—: *Regeling gebruik van frequentieruimte met meldingsplicht 2015*. <https://wetten.overheid.nl/BWBR0036375/2021-06-18> (current as of 2021-06-18)

—: *Regeling van de Staatssecretaris van Economische Zaken en Klimaat van 15 juni 2021, nr. WJZ / 21156348, houdende wijziging van de Regeling categorieën niet-automatisch voortrollende vergunningen en de Regeling gebruik van frequentieruimte met meldingsplicht 2015 in verband met de aanpassing van enkele regels voor radiozendamateurs en het niet-automatisch voortrollen van de vergunningen voor DAB+ -laag 6*. <https://zoek.officielebekendmakingen.nl/stcrt-2021-31799.html> (current as of 2021-06-15)

Radiocommunications Agency Netherlands: *Frequency table BES 2021*. [https://www.rijksdienstcn.com/binaries/rijksdienstcn-nederlands/documenten/publicaties/at/frequentieplan/frequency-table-bes-2021/index/Frequency+table+BES+\(0+-300+GHz\)+\(English\)+2021.pdf](https://www.rijksdienstcn.com/binaries/rijksdienstcn-nederlands/documenten/publicaties/at/frequentieplan/frequency-table-bes-2021/index/Frequency+table+BES+(0+-300+GHz)+(English)+2021.pdf) (current as of 2021-11-16)
PJ4G: *Licensing information*. <https://pj4g.com/licensing-information/> (current as of 2022-11-15)



Netherlands – *Curaçao

Implementation		CEPT Licence			CEPT Novice Licence		
		T/R 61-01 implemented			ECC/REC/(05)06 implemented		
		HAREC					
		T/R 61-02 implemented			ERC Report 32 not applied		
Call sign prefix		PJ2/			PJ2/		
Extensions							
Equivalent national class		Class C			Class N ¹		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes		Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	A1A				
630 m	472.000 – 479.000 kHz	1 W ERP	A1A				
160 m	1.800 – 2.000 MHz	150 W	²				
80 m	3.500 – 4.000 MHz	1 kW	³				
60 m	5.3515 – 5.3665 MHz	15 W EIRP	A1A, J3E, F3E				
40 m	7.000 – 7.300 MHz	1 kW	³				
30 m ¹	10.100 – 10.150 MHz	250 W	A1A, F1B				
20 m	14.000 – 14.350 MHz	1 kW	³				
17 m	18.068 – 18.168 MHz	250 W	³				
15 m	21.000 – 21.450 MHz	1 kW	³				
12 m	24.890 – 24.990 MHz	250 W	³				
10 m	28.000 – 29.700 MHz	1 kW	³				
6 m	50.000 – 54.000 MHz	150 W	⁴				
4 m							
2 m	144.000 – 148.000 MHz	150 W	⁴		145.000 – 145.500 MHz	25 W	F2B, G2B
					146.000 – 148.000 MHz	25 W	F3E, G3E
1.25 m	220.000 – 225.000 MHz	150 W	⁴		220.000 – 225.000 MHz	25 W	F2B, G2B, F3E, G3E
70 cm	430.000 – 440.000 MHz	150 W	⁵		430.000 – 433.000 MHz	25 W	F2B, G2B, F3E, G3E
					438.000 – 444.000 MHz	25 W	F2B, G2B, F3E, G3E
33 cm	902.000 – 928.000 MHz	150 W	⁶				
23 cm	1.240 – 1.300 GHz	150 W	⁷				
13 cm							
9 cm							
6 cm	5.650 – 5.725 GHz	150 W	⁶				
3 cm	10.000 – 10.500 GHz	150 W	⁶				
1.2 cm	24.000 – 24.250 GHz	150 W	⁶				
6 mm	47.000 – 47.200 GHz	150 W	⁶				
4 mm	77.500 – 81.000 GHz	150 W	⁶				
2.5 mm	122.250 – 123.000 GHz	150 W	⁶				
2 mm	134.000 – 141.000 GHz	150 W	⁶				
1.2 mm	241.000 – 250.000 GHz	150 W	⁷				

Notes

¹ Operating privileges according to the List of CEPT Countries (CEPT ECC/REC/(05)06, Annex 2)

² A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J3C, J3E, R3E

³ A1A, F1B, A3E, F3E, G3E, A3C, A3F, F3C, F3F, H3E, J2B, J3C, J3E, R3E

⁴ A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C

⁵ A1A, A2A, A2B, A3E, A3C, F1B, F2A, F2B, H3E, J3E, R3E, F3E, G3E, J2B, G2A, C3F

⁶ A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2A, G2C, G3C, C3F

⁷ A1A, A2A, A2B, A3E, A3C, A3F, F1B, F2A, F2B, F3F, H3E, J3C, J3E, R3E, F3E, G3E, A1C, A2C, J2A, J2B, J2C, J3C, F2C, F3C, G1C, G1A, G2C, G3C, C3F

Info

Bureau Telecommunicatie en Pos (BTNP): *Landbesluit, houdende algemene maatregelen, van de 14de oktober 1999 ter uitvoering van de artikelen 13 tot en met 16, 19, 31 en 33 van de Landsverordening op de telecommunicatievoorzieningen (P.B. 1995, no. 196) met betrekking tot radioamateurs (Landbesluit radioamateurs)*. https://bntn.org/wp-content/uploads/2019/04/20160205_no_209_lb_14-10-1999_lb_radioamateurs.pdf (current as of 1999-10-14)

—: *Application form. Authorization amateur radio*. https://bntn.org/wp-content/uploads/2019/03/Application-form-Radio-amateur-International_forms.pdf (current as of 2016-01-12)

—: *Frequency Table Curaçao 2017*. https://bntn.org/wp-content/uploads/2019/04/Frequentietabel__0_-3000_GHz__JvR_2016-01-21_v3__Engels__27_januari_2017__uitgangspunt_voor_pdf_Nieuw_V2_12okt2017_2.pdf (current as of 2017-01-27)

Netherlands – *Sint Maarten

Implementation		CEPT Licence		CEPT Novice Licence	
		T/R 61-01 implemented, but guest licence required ¹		ECC/REC/(05)06 implemented, but guest licence required ¹	
		HAREC			
		T/R 61-02 not implemented		ERC Report 32 not applied	
Call sign prefix		PJ7/		PJ7/	
Extensions					
Equivalent national class		Class A		Class N	
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes ²	Frequency Range	Power (PEP) Bandwidth/ Modes
2200 m					
630 m					
160 m	1.800 – 1.850 MHz	1 kW	³		
	1.950 – 2.000 MHz	150 W	³		
80 m	3.500 – 4.000 MHz	1 kW	³		
60 m					
40 m	7.000 – 7.300 MHz	1 kW	³		
30 m	10.100 – 10.150 MHz	250 W	A1A, F1A		
20 m	14.000 – 14.350 MHz	1 kW	³		
17 m	18.068 – 18.168 MHz	250 W	A1A		
15 m	21.000 – 21.450 MHz	1 kW	³		
12 m	24.890 – 24.990 MHz	250 W	A1A		
10 m	28.000 – 29.700 MHz	1 kW	³		
6 m	50.000 – 54.000 MHz	150 W	³		
4 m					
2 m	144.000 – 148.000 MHz	150 W	³	145.000 – 145.500 MHz	25 W F2B, G2B
				146.000 – 148.000 MHz	25 W F3E, G3E
1.25 m	220.000 – 225.000 MHz	150 W	³	220.000 – 225.000 MHz	25 W F2B, G2B, F3E, G3E
70 cm	430.000 – 440.000 MHz	150 W	³	430.000 – 433.000 MHz	25 W F2B, G2B, F3E, G3E
				438.000 – 444.000 MHz	25 W F2B, G2B, F3E, G3E
33 cm					
23 cm	1.215 – 1.300 GHz	150 W	³		
13 cm	2.300 – 2.450 GHz	150 W	³		
9 cm	3.300 – 3.500 GHz	150 W	³		
6 cm	5.650 – 5.925 GHz	150 W	³		
3 cm	10.000 – 10.500 GHz	150 W	³		
1.2 cm	24.000 – 24.500 GHz	150 W	³		
6 mm	47.000 – 47.100 GHz	150 W	³		
4 mm	75.500 – 81.000 GHz	150 W	³		
2.5 mm					
2 mm	142.000 – 149.000 GHz	150 W	³		
1.2 mm	241.000 – 250.000 GHz	150 W	³		

Notes

¹ Application for guest licence: Bureau Telecommunications and Post St. Maarten, Cannegieter street #15 – Unit 5.1, Philipsburg, St. Maarten, Dutch Caribbean;
https://www.sxmregulator.sx/dash/files/Telecommunications/Forms/10t98466760026___QW1hdGV1ciByYWRpbyBhcHBsaWNhdGlvbiBmb3Jtb_64.pdf

² The use of other types of emissions is subject to previous written approval of Bureau Telecommunications and Post St. Maarten.

³ A1A, A2A, F1A, F2A, F3E, G3E, H3E, J3E, R3E

Info

Overheid van Nederland: *Landbesluit, houdende algemene maatregelen, ter uitvoering van de artikelen 13 tot en met 16, 19, 31 en 33 van de Landsverordening op de telecommunicatievoorzieningen, met betrekking tot radioamateurs.*
<https://lokaleregelgeving.overheid.nl/CVDR143162/1> (current as of 2010-10-10)

Bureau Telecommunicatie en Post Sint Maarten (BTPSM): *Landbesluit, houdende algemene maatregelen, ter uitvoering van de artikelen 13 tot en met 16, 19, 31 en 33 van de Landsverordening op de telecommunicatievoorzieningen, met betrekking tot radioamateurs.* <https://www.sxmregulator.sx/f/Telecommunications/Laws/10t98287059812> (current as of 2018-07-30)

—: *Application form. Amateur Radio.*

https://www.sxmregulator.sx/dash/files/Telecommunications/Forms/10t98466760026___QW1hdGV1ciByYWRpbyBhcHBsaWNhdGlvbiBmb3Jtb_64.pdf (current as of 2014-07-07)

*New Zealand

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	HAREC T/R 61-02 implemented			
Extensions	ZL/ Optional digit designating the island or group of islands: ZL7/ Chatham Island ZL8/ Kermadec Islands ¹ ZL9/ Subantarctic Islands ¹ (Antipodes Islands, Auckland Islands, Bounty Islands, Campbell Island, Snares Islands ²)			
Equivalent national class	General			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	130.000 – 190.000 kHz	5 W EIRP	CW	
630 m	472.000 – 479.000 kHz	25 W EIRP	CW	
160 m	1.800 – 1.950 MHz	1 kW	any	
80 m	3.500 – 3.900 MHz	1 kW	any	
60 m	5.3515 – 5.354 MHz	15 W EIRP	500 Hz	
	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz	
	5.366 – 5.3665 MHz	15 W EIRP	20 Hz ³	
40 m	7.000 – 7.300 MHz	1 kW	any	
30 m	10.100 – 10.150 MHz	1 kW	any	
20 m	14.000 – 14.350 MHz	1 kW	any	
17 m	18.068 – 18.168 MHz	1 kW	any	
15 m	21.000 – 21.450 MHz	1 kW	any	
12 m	24.890 – 24.990 MHz	1 kW	any	
10 m	28.000 – 29.700 MHz	1 kW	any	
6 m	50.000 – 54.000 MHz	1 kW	any	
4 m				
2 m	144.000 – 148.000 MHz	1 kW	any	
70 cm	430.000 – 440.000 MHz	1 kW	any	
33 cm	915.000 – 928.000 MHz	25 W EIRP	any	
23 cm	1.240 – 1.300 GHz	1 kW	any	
13 cm	2.396 – 2.450 GHz	1 kW	any	
9 cm				
6 cm	5.650 – 5.850 GHz	1 kW	any	
3 cm	10.000 – 10.500 GHz	1 kW	any	
1.2 cm	24.000 – 24.250 GHz	1 kW	any	
6 mm	47.000 – 47.200 GHz	1 kW	any	
4 mm	76.000 – 81.000 GHz	1 kW	any	
2.5 mm	122.250 – 123.000 GHz	1 kW	any	
2 mm	134.000 – 141.000 GHz	1 kW	any	
1.2 mm	241.000 – 250.000 GHz	1 kW	any	
1 mm	275.000 – 1.000 THz	1 kW	any	

Notes

- ¹ Landing permission by the New Zealand Department of Conservation required
- ² The Snares Islands do not count for the DXCC entity New Zealand Subantarctic Islands.(ZL9)
- ³ Weak signal modes

Info

Radio Spectrum Management (RSM): *Visiting amateur operators*. <https://www.rsm.govt.nz/licensing/frequencies-for-anyone/amateur-radio-operators/visiting-amateur-operators/> (current as of 2023-10-20)

—: *General User Radio Licence for Amateur Radio Operators Notice 2023*.

<https://www.rsm.govt.nz/assets/Uploads/documents/gazette/general-user-radio-licence-for-amateur-radio-operators-notice-2023.pdf> (current as of 2023-12-15)

New Zealand Association of Radio Transmitters (NZART): *60 m (5 MHz) Band access*. <https://www.nzart.org.nz/info/60m> (current as of 2024-01-15)

North Macedonia

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented according to national amateur radio regulations, but North Macedonia not included in the List of CEPT Countries (ECC/REC/(05)/06, Annex 2)		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	Z3/			Z3/		
Equivalent national class	/AM, /M, /MM, /P (optional) Class A			/AM, /M, /MM, /P (optional) Class P		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W	A1A, A2A			
630 m ¹	472.000 – 479.000 kHz					
160 m	1.810 – 1.830 MHz	1 kW	A1A			
	1.830 – 1.850 MHz	1 kW	A1A, J3E			
80 m	3.500 – 3.510 MHz	1.5 kW	A1A, A1B	3.500 – 3.510 MHz	100 W	A1A, A1B
	3.510 – 3.600 MHz	1.5 kW	A1A, A1B, J2B, F1B	3.510 – 3.600 MHz	100 W	A1A, A1B, J2B, F1B
	3.600 – 3.775 MHz	1.5 kW	²	3.600 – 3.775 MHz	100 W	²
	3.775 – 3.800 MHz	1.5 kW	J3E	3.775 – 3.800 MHz	100 W	J3E
60 m						
40 m	7.000 – 7.040 MHz	1.5 kW	A1A, A1B, J2B, F1B	7.000 – 7.040 MHz	100 W	A1A, A1B, J2B, F1B
	7.040 – 7.200 MHz	1.5 kW	³	7.040 – 7.200 MHz	100 W	³
30 m	10.100 – 10.140 MHz	300 W	A1A			
	10.140 – 10.150 MHz	300 W	A1A, A1B, J2B, F1B			
20 m	14.000 – 14.100 MHz	1.5 kW	A1A, A1B, J2B, F1B	14.000 – 14.100 MHz	100 W	A1A, A1B, J2B, F1B
	14.100 – 14.350 MHz	1.5 kW	²	14.100 – 14.350 MHz	100 W	²
17 m	18.068 – 18.110 MHz	1.5 kW	A1A, A1B, J2B, F1B			
	18.110 – 18.168 MHz	1.5 kW	⁴			
15 m	21.000 – 21.150 MHz	1.5 kW	A1A, A1B, J2B, F1B	21.000 – 21.150 MHz	100 W	A1A, A1B, J2B, F1B
	21.150 – 21.450 MHz	1.5 kW	²	21.150 – 21.450 MHz	100 W	²
12 m	24.890 – 24.930 MHz	1.5 kW	A1A, A1B, J2B, F1B			
	24.930 – 24.990 MHz	1.5 kW	⁴			
10 m	28.000 – 28.200 MHz	1.5 kW	A1A, A1B, J2B, F1B	28.000 – 28.200 MHz	100 W	A1A, A1B, J2B, F1B
	28.200 – 29.000 MHz	1.5 kW	⁵	28.200 – 29.000 MHz	100 W	⁵
6 m	29.000 – 29.700 MHz ⁶	1.5 kW	⁷	29.000 – 29.700 MHz ⁶	100 W	⁷
	50.000 – 50.100 MHz	1 kW ⁸	A1A, A1B, J2B, F1B			
	50.100 – 50.500 MHz	1 kW ⁸	⁹			
	50.500 – 52.000 MHz	1 kW ⁸	¹⁰			
4 m						
2 m	144.000 – 144.035 MHz	1 kW	A1A, A1B, J3E	144.000 – 144.035 MHz	50 W	A1A, A1B, J3E
	144.035 – 144.150 MHz	1 kW	A1A	144.035 – 144.150 MHz	50 W	A1A
	144.150 – 144.500 MHz	1 kW	A1A, A1B, J3E	144.150 – 144.500 MHz	50 W	A1A, A1B, J3E
	144.500 – 144.845 MHz	1 kW	¹¹	144.499 – 144.845 MHz	50 W	¹¹
	144.845 – 144.9875 MHz ¹²		F1A	144.845 – 144.9875 MHz ¹²		F1A
	145.000 – 145.1875 MHz ¹³	50 W	F3E	145.000 – 145.1875 MHz ¹³	10 W	F3E
	145.200 – 145.5875 MHz	50 W	F2B, F3E	145.200 – 145.5875 MHz	10 W	F2B, F3E
	145.600 – 145.7875 MHz ¹²		F3E	145.600 – 145.7875 MHz ¹²		F3E
	145.800 – 146.000 MHz	50 W	A1A, A1B, J3E	145.800 – 146.000 MHz	10 W	A1A, A1B, J3E
70 cm	432.000 – 432.150 MHz	1 kW	A1A, A1B	432.000 – 432.150 MHz	10 W	A1A, A1B
	432.150 – 432.500 MHz	1 kW	A1A, A2A, J3E	432.150 – 432.500 MHz	10 W	A1A, A2A, J3E
	432.500 – 432.800 MHz	1 kW	¹⁴	432.500 – 432.800 MHz	10 W	¹⁴
	432.800 – 432.9875 MHz ¹²		F1A	432.800 – 432.9875 MHz ¹²		F1A
	433.000 – 433.225 MHz ¹³	50 W	F3E, C3F	433.000 – 433.225 MHz ¹³	10 W	F3E, C3F
	433.2375 – 433.3875 MHz	50 W	F2B, F3E	433.2375 – 433.3875 MHz	10 W	F2B, F3E
	433.400 – 433.5875 MHz	50 W	F3E, C3F	433.400 – 433.5875 MHz	10 W	F3E, C3F
	433.600 – 434.5875 MHz	1 kW	¹⁵	433.600 – 434.5875 MHz	10 W	¹⁵
	434.600 – 434.825 MHz ¹²		F3E, C3F	434.600 – 434.825 MHz ¹²		F3E, C3F

23 cm	435.000 – 438.000 MHz ¹⁶	50 W	17	435.000 – 438.000 MHz ¹⁶	10 W	17
	1.240 – 1.256 GHz	100 W	C3F	1.240 – 1.256 GHz	10 W	C3F
	1.256 – 1.260 GHz	75 W	18	1.256 – 1.260 GHz	10 W	18
	1.260 – 1.270 GHz	75 W	19	1.260 – 1.270 GHz	10 W	19
	1.270 – 1.286 GHz	75 W	C3F	1.270 – 1.286 GHz	10 W	C3F
	1.286 – 1.2909875 GHz	75 W	18	1.286 – 1.2909875 GHz	10 W	18
	1.2909875 – 1.2914875 GHz ¹³	50 W	F3E	1.2909875 – 1.2914875 GHz ¹³	10 W	F3E
	1.2914875 – 1.296 GHz	75 W	18	1.2914875 – 1.296 GHz	10 W	18
	1.296 – 1.2968 GHz	75 W	20	1.296 – 1.2968 GHz	10 W	20
	1.2968 – 1.2969875 GHz ¹²		F1A	1.2968 – 1.2969875 GHz ¹²		F1A
	1.2969875 – 1.2974875 GHz ¹³		F3E	1.2969875 – 1.2974875 GHz ¹³		F3E
	1.2974875 – 1.2980125 GHz	75 W	F3E	1.2974875 – 1.2980125 GHz	10 W	F3E
	1.2980125 – 1.300 GHz	75 W	18	1.2980125 – 1.300 GHz	75 W	18
	2.300 – 2.450 GHz	75 W	21			
13 cm						
9 cm						
6 cm ¹	5.600 – 5.670 GHz	30 W	21			
	5.830 – 5.850 GHz	30 W	21			
3 cm	10.000 – 10.500 GHz ²²	30 W	21			
1.2 cm	24.000 – 24.250 GHz	50 W	21			
6 mm	47.000 – 47.200 GHz	50 W	21			
4 mm	75.500 – 81.500 GHz	50 W	21			
2.5 mm	122.250 – 123.000 GHz	50 W	21			
2 mm	134.000 – 141.000 GHz	50 W	21			
1.2 mm	241.000 – 250.000 GHz	50 W	21			

Notes

- ¹ Band listed in the national frequency plan (Plan za namena na radiofrekvenciski), but not included in the national amateur radio regulations
- ² A1A, A1B, J2B, F1B, A2D, H3E, J3E, J3F, F3F
- ³ A1A, A1B, J2B, F1B, H3E, J3E, J3F, F3F
- ⁴ A1A, A1B, J2B, F1B, H3E, J3E
- ⁵ A1A, A2A, A1B, J2B, F1B, A2D, A3E, H3E, J3E, J3F, F3F
- ⁶ 29.400–29.550 MHz: satellite communication (downlink)
- ⁷ A1A, A1B, J2B, F1B, A3E, H3E, J3E, J3F, F3F
- ⁸ 10 W PEP in the vicinity of cities
- ⁹ F2D, H3E, J3E, J3F, F3F
- ¹⁰ A2A, A2B, F1B, J2B, F2B, F1C, F2C, A2C, A3C, F3C, F1D, F2D, A2D, A3E, J3E, F3E, J3F, F3F
- ¹¹ A1A, A2A, A1B, A2B, J2B, F1B, F2B, A1C, F1C, A2C, F2C, F3C, A3C, A2D, F1D, F2D, A3E, J3E, F3E, J3F, F3F
- ¹² Beacon stations
- ¹³ Repeater stations
- ¹⁴ A1A, A1B, A1C, A1D, A2A, A2B, J2B, F1B, F2B, F1C, A2C, F2C, A3C, F1D, A2D, F2D, A3E, J3E, J3F
- ¹⁵ A1A, A1B, A1C, A1D, A2A, A2B, J2B, F1B, F2B, F1C, A2C, F2C, A3C, F3C, F1D, A2D, F2D, A3E, J3E, F3E, J3F, F3F, C3F
- ¹⁶ Error in national amateur radio regulations (AEK): 434.000–438.000 MHz
- ¹⁷ A1A, A1B, A1D, A2B, A2D, F1D, F2D, J3E
- ¹⁸ A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, A3E, A3F, J2B, J3E, J3F, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3E, F3F
- ¹⁹ A1A, A1B, A1D, A2B, A2D, F1B, F2D, J3E
- ²⁰ A1A, A1D, A2B, J3E, F1B
- ²¹ A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, A3E, A3F, J2B, J3E, J3F, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3E, F3F, C3F
- ²² 10.368845–10.386900 GHz: beacon stations

Info

Agency for Electronic Communications (AEK): *Pravilnik za korištenje na radiofrekvenciji vo radioamaterska sluzhba*. http://aek.mk/wp-content/uploads/2020/01/20191223_pravilnik_radiofrekvenciji_radioamaterska_sluzhba.pdf (current as of 2019-12-23)

—: *Pravilnik za korištenje na radiofrekvenciji vo radioamaterska sluzhba*. https://aek.mk/wp-content/uploads/2020/06/Nacrt_pravilnik_za_koristenje_na_RF.doc (current as of 2020-06-09)

—: *Plan za namena na radiofrekvenciski opsezi vo Republika Severna Makedonija*. https://aek.mk/wp-content/uploads/2021/03/20210311_Plan_za_namena.pdf (current as of 2021-03-11)

Norway

Implementation¹	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented, but CEPT Novice Licence accepted without guest licence		
	HAREC T/R 61-02 implemented					
Call sign prefix	LA/ Norge/Norway JW/ Svalbard			LA/ Norge/Norway JW/ Svalbard		
Extensions						
Equivalent national class	Radioamatørlisens					
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes²	Frequency Range	Power (PEP)	Bandwidth/ Modes²
2200 m	135.700 – 137.800 kHz	1 W EIRP	1 kHz	135.700 – 137.800 kHz	1 W EIRP	1 kHz
630 m	472.000 – 479.000 kHz	1 W EIRP	1 kHz	472.000 – 479.000 kHz	1 W EIRP	1 kHz
160 m	1.810 – 1.850 MHz	1 kW	6 kHz	1.810 – 1.850 MHz	1 kW	6 kHz
	1.850 – 2.000 MHz	10 W	6 kHz	1.850 – 2.000 MHz	10 W	6 kHz
80 m	3.500 – 3.800 MHz	1 kW	6 kHz	3.500 – 3.800 MHz	1 kW	6 kHz
60 m	5.260 – 5.410 MHz	100 W ³	6 kHz	5.250 – 5.450 MHz	100 W ³	6 kHz
40 m	7.000 – 7.200 MHz	1 kW	6 kHz	7.000 – 7.200 MHz	1 kW	6 kHz
30 m	10.100 – 10.150 MHz	1 kW	1 kHz	10.100 – 10.150 MHz	1 kW	1 kHz
20 m	14.000 – 14.350 MHz	1 kW	6 kHz	14.000 – 14.350 MHz	1 kW	6 kHz
17 m	18.068 – 18.168 MHz	1 kW	6 kHz	18.068 – 18.168 MHz	1 kW	6 kHz
15 m	21.000 – 21.450 MHz	1 kW	6 kHz	21.000 – 21.450 MHz	1 kW	6 kHz
12 m	24.890 – 24.990 MHz	1 kW	6 kHz	24.890 – 24.990 MHz	1 kW	6 kHz
10 m	28.000 – 29.700 MHz	1 kW	18 kHz	28.000 – 29.700 MHz	1 kW	18 kHz
6 m	50.000 – 52.000 MHz	1 kW	18 kHz	50.000 – 52.000 MHz	1 kW	18 kHz
4 m	69.900 – 70.500 MHz	100 W ⁴	16 kHz	69.900 – 70.500 MHz	100 W ⁴	16 kHz
2 m	144.000 – 146.000 MHz	300 W ⁴	18 kHz	144.000 – 146.000 MHz	300 W ⁴	18 kHz
70 cm	432.000 – 438.000 MHz	300 W ⁴	30 kHz	432.000 – 438.000 MHz	300 W ⁴	30 kHz
23 cm	1.240 – 1.300 GHz	100 W ⁴	20 MHz	1.240 – 1.300 GHz	100 W ⁴	20 MHz
13 cm	2.300 – 2.450 GHz	100 W	20 MHz	2.300 – 2.450 GHz	100 W	20 MHz
9 cm	3.400 – 3.410 GHz	100 W	7 MHz	3.400 – 3.410 GHz	100 W	7 MHz
6 cm	5.650 – 5.850 GHz	100 W	20 MHz	5.650 – 5.850 GHz	100 W	20 MHz
3 cm	10.250 – 10.500 GHz	100 W	50 MHz	10.250 – 10.500 GHz	100 W	50 MHz
1.2 cm	24.000 – 24.250 GHz	100 W	50 MHz	24.000 – 24.250 GHz	100 W	50 MHz
6 mm	47.000 – 47.200 GHz	100 W	50 MHz	47.000 – 47.200 GHz	100 W	50 MHz
4 mm	76.000 – 81.000 GHz	100 W	50 MHz	76.000 – 81.000 GHz	100 W	50 MHz
2.5 mm	122.250 – 123.000 GHz	100 W	50 MHz	122.250 – 123.000 GHz	100 W	50 MHz
2 mm	134.000 – 141.000 GHz	100 W	50 MHz	134.000 – 141.000 GHz	100 W	50 MHz
1.2 mm	241.000 – 250.000 GHz	100 W	50 MHz	241.000 – 250.000 GHz	100 W	50 MHz

Notes

- ¹ Guest licence and landing permission required for Bjørnøya/Bear Island (JW), Jan Mayen (JX) and Antarctica (3Y)
- ² Modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
- ³ 100 W PEP or 1 W EIRP, whatever limit is reached first
- ⁴ 1 kW PEP for EME and MS communication

Info

Nasjonal kommunikasjonsmyndighet (NKOM): *Forskrift om endring i forskrift om radioamatørlisens*.
<https://lovdata.no/dokument/LTI/forskrift/2018-07-12-1220> (current as of 2018-08-08)

—: *Nasjonal frekvensplan*. <https://frekvens.nkom.no/#/main> (current as of 2023-04-13)

*Peru

Implementation	CEPT Licence T/R 61-01 implemented ¹ HAREC T/R 61-02 not implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix²	OA1/ Lambayeque, Piura, Tumbes OA2/ Cajamarca, La Libertad OA3/ Ancash, Huánaco OA4/ Callao, Junín, Lima, Pasco OA5/ Apurímac, Ayacucho, Huancavelica, Ica OA6/ Arequipa, Moquegua, Tacna OA7/ Cuzco, Madre de Dios, Puno OA8/ Loreto, Ucayali OA9/ Amazonas, San Martín		
Extensions	Class A		
Equivalent national class			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m			
630 m			
160 m	1.800 – 1.850 MHz	1 kW	any
80 m	3.500 – 3.750 MHz	1 kW	any
60 m			
40 m	7.000 – 7.300 MHz	1 kW	any
30 m	10.100 – 10.150 MHz	1 kW	any
20 m	14.000 – 14.350 MHz	1 kW	any
17 m	18.068 – 18.168 MHz	1 kW	any
15 m	21.000 – 21.450 MHz	1 kW	any
12 m	24.890 – 24.990 MHz	1 kW	any
10 m	28.000 – 29.700 MHz	1 kW	any
6 m	50.000 – 54.000 MHz	1 kW	any
4 m			
2 m	144.000 – 148.000 MHz	1 kW	any
1.25 m	220.000 – 225.000 MHz	1 kW	any
70 cm	430.000 – 440.000 MHz	1 kW	any
33 cm	902.000 – 928.000 MHz	1 kW	any
23 cm	1.240 – 1.300 GHz	1 kW	any
13 cm	2.400 – 2.450 GHz	1 kW	any
9 cm	3.300 – 3.500 GHz	1 kW	any
6 cm	5.650 – 5.925 GHz	1 kW	any
3 cm	10.000 – 10.500 GHz	1 kW	any
1.2 cm	24.000 – 24.250 GHz	1 kW	any
6 mm	47.000 – 47.200 GHz	1 kW	any
4 mm	76.000 – 81.000 GHz	1 kW	any
2.5 mm			
2 mm			
1.2 mm			

Notes

- ¹ T/R 61-01 implemented according to CEPT, but implementation questioned by Peruvian authorities, guest licence recommended; information via Radio Club Peruano, oa4o@oa4o.pe
- ² According to CEPT Recommendation T/R 61-01, the letters OA followed by a number indicating the zone in Peru from which the station is operated form a suffix to the national call sign of the operator. The national amateur radio regulations stipulate that this combination is used as a prefix to the foreigner's call sign.

Info

Ministerio de Transportes y Comunicaciones (MTC): *La Radioafición. Guía Básica de Información del Servicio de Radioaficionados*. https://cdn.www.gob.pe/uploads/document/file/1956732/La_Radioafición_conceptos_y_codigos.pdf (current as of 2010-04-09)

—: *Decreto Supremo que aprueba el Reglamento Específico del Servicio de Radioaficionados. N° 024-2019-MTC*.

https://cdn.www.gob.pe/uploads/document/file/1956751/Reglamento_de_Radioaficionados_DS_024-2019-MTC.pdf (current as of 2019-07-16)

—: *Plan nacional de atribución de frecuencias (PNAF)*. https://cdn.www.gob.pe/uploads/document/file/4229456/Plan_Nacional_de_Atribución_de_Frecuencias_-_PNAF_2023.pdf (current as of 2023-03-08)

—: *DGAT-015: Permiso temporal del radioaficionado extranjero*. <https://www.gob.pe/institucion/mtc/informes-publicaciones/4574438-dgat-015-permiso-temporal-del-radioaficionado-extranjero> (current as of 2023-08-26)

Poland

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix ¹	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	SP/			SO/		
Equivalent national class	Category 1			Category 3		
Band	Frequency Range	Power (PEP)	Bandwidth/Modes			
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW			
630 m	472.000 – 479.000 kHz	1 W EIRP	any			
160 m	1.810 – 2.000 MHz	500 W	any	1.810 – 2.000 MHz	100 W	any
80 m	3.500 – 3.800 MHz	500 W	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	500 W	any	7.000 – 7.200 MHz	100 W	any
30 m	10.100 – 10.150 MHz	500 W	any			
20 m	14.000 – 14.350 MHz	500 W	any	14.000 – 14.350 MHz	100 W	any
17 m	18.068 – 18.168 MHz	500 W	any			
15 m	21.000 – 21.450 MHz	500 W	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	500 W	any			
10 m	28.000 – 29.700 MHz	500 W	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	100 W EIRP ¹	any			
4 m	70.000 – 70.300 MHz	20 W EIRP	any			
2 m	144.000 – 146.000 MHz	500 W	any	144.000 – 146.000 MHz	100 W	any
70 cm	430.000 – 440.000 MHz	500 W	any	430.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.300 GHz	500 W	any			
13 cm	2.300 – 2.450 GHz	500 W	any			
9 cm	3.400 – 3.410 GHz	20 W EIRP	any			
6 cm	5.650 – 5.850 GHz	500 W	any			
3 cm	10.000 – 10.500 GHz	500 W	any	10.000 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.250 GHz	500 W	any			
6 mm	47.000 – 47.200 GHz	500 W	any			
4 mm	76.000 – 83.000 GHz	500 W	any			
2.5 mm	122.250 – 123.000 GHz	500 W	any			
2 mm	134.000 – 141.000 GHz	500 W	any			
1.2 mm	241.000 – 250.000 GHz	500 W	any			

Notes

- ¹ According to the List of CEPT Countries (Annex 2 of T/R 61-01 and ECC/REC/(05)06), the following prefixes are allowed for both the CEPT Licence and the CEPT Novice Licence: HF, SN, SO, SP, SQ, 3Z.
- ² 500 W PEP for F3E

Info

Urząd Komunikacji Elektronicznej (UKE): *Pozwolenia amatorskie*. <https://bip.uke.gov.pl/jak-uzyskac-rezerwacje--pozwolenie--zezwozenie-tresc/pozwolenia-amatorskie,6.html> (current as of 2018-02-23)

—: *Zakresy amatorskie*. https://bip.uke.gov.pl/download/gfx/bip/pl/defaultaktualnosci/125/6/22/zakresy_amatorskie.pdf (current as of 2018-09-25)

Rada Ministrów: *Krajową Tablicę Przeznaczeń Częstotliwości*. <https://sip.lex.pl/akty-prawne/dzu-dziennik-ustaw/krajowa-tablica-przeznaczen-czestotliwosci-18064841> (current as of 2023-08-31)

Portugal

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
Call sign prefix	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Extensions	CT7/ Continental Portugal			CS7/ Continental Portugal		
Equivalent national class	CT8/ Açores/Azores			CS8/ Açores/Azores		
Band	CT9/ Madeira			CS9/ Madeira		
	/M, /P			/M, /P		
	Category 1			Category 2		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW			
630 m	472.000 – 479.000 kHz	1 W EIRP	any			
160 m	1.810 – 1.830 MHz	200 W	any			
	1.830 – 1.850 MHz	1.5 kW	any			
	1.850 – 2.000 MHz ^{2 3}	1.5 kW	any			
80 m	3.500 – 3.800 MHz	1.5 kW	any	3.700 – 3.800 MHz	200 W	any
60 m ³	5.3515 – 5.3665 MHz	15 W EIRP				
40 m	7.000 – 7.200 MHz	1.5 kW	any	7.100 – 7.200 MHz	200 W	any
30 m	10.100 – 10.150 MHz	750 W	any			
20 m	14.000 – 14.350 MHz	1.5 kW	any	14.125 – 14.350 MHz	200 W	any
17 m	18.068 – 18.168 MHz	1.5 kW	any			
15 m	21.000 – 21.450 MHz	1.5 kW	any	21.151 – 21.450 MHz	200 W	any
12 m	24.890 – 24.990 MHz	1.5 kW	any			
10 m	28.000 – 29.700 MHz	1.5 kW	any	28.000 – 29.700 MHz	200 W	any
6 m	50.000 – 50.500 MHz	300 W	any	50.000 – 50.500 MHz	150 W	any
	50.500 – 51.000 MHz	25 W ERP	any	51.000 – 52.000 MHz	150 W	any
	51.000 – 52.000 MHz	300 W	any			
4 m	70.157 – 70.2125 MHz	100 W ERP	any			
	70.2375 – 70.2875 MHz	100 W ERP	any			
2 m	144.000 – 146.000 MHz	300 W	any	144.000 – 146.000 MHz	150 W	any
70 cm	430.000 – 440.000 MHz	300 W	any	430.000 – 435.000 MHz	150 W	any
				438.000 – 440.000 MHz	150 W	any
23 cm	1.240 – 1.270 GHz	50 W EIRP	any	1.270 – 1.300 GHz	100 W EIRP	any
	1.270 – 1.300 GHz	300 W EIRP	any			
13 cm ³	2.300 – 2.450 GHz					
9 cm						
6 cm ³	5.650 – 5.850 GHz					
3 cm	10.000 – 10.370 GHz	300 W EIRP	any			
	10.370 – 10.450 GHz ³					
	10.450 – 10.500 GHz	300 W EIRP	any			
1.2 cm	24.000 – 24.250 GHz	50 W	any	24.000 – 24.050 GHz	10 W	any
6 mm	47.000 – 47.200 GHz	50 W	any	47.000 – 47.200 GHz	10 W	any
4 mm	75.500 – 81.000 GHz	50 W	any	77.500 – 78.000 GHz	10 W	any
2.5 mm	122.250 – 123.000 GHz	50 W	any			
2 mm	134.000 – 141.000 GHz	50 W	any	134.000 – 136.000 GHz	10 W	any
1.2 mm	241.000 – 250.000 GHz	50 W	any	248.000 – 250.000 GHz	10 W	any

Notes

¹ Modes according to the IARU-Region 1 band plan (please refer to the list at the end of this document)

² Contest operation only

³ Special permission required

Info

Autoridade Nacional de Comunicações (ANACOM): *Decreto-lei n.º 53/2009, de 2 de março que define as regras aplicáveis ao serviço de amador e amador por satélite*. <https://www.anacom.pt/render.jsp?contentId=956876> (current as of 2009-03-02)

—: *Procedimentos previstos no decreto-lei n.º 53/2009, de 2 de março que define as regras aplicáveis ao serviço de amador e amador por satélite*. https://www.anacom.pt/streaming/decisaoamador27052009.pdf?contentId=955142&field=ATTACHED_FILE (current as of 2009-03-02)

—: *Utilização de frequências pelos serviços de amador e de amador por satélite*.

https://anacom.pt/streaming/SAAS_setembro_2013.pdf?contentId=1188800&field=ATTACHED_FILE (current as of 2014-01-27)

—: *Utilização da faixa 1850-2000 kHz pelo serviço de amador em 2024*. <https://anacom.pt/render.jsp?contentId=1770298> (current as of 2023-12-21)

—: *Frequency portal*. <https://www.anacom.pt/eqnaf/content/freqPortalAllocation.do#ALLOCATION> (current as of 2023-01-10)

Romania

Implementation				CEPT Novice Licence			
CEPT Licence				ECC/REC/(05)06 implemented			
T/R 61-01 implemented				ERC Report 32 applied			
HAREC				YO/			
T/R 61-02 implemented				/AM, /M, /MM, /P (optional)			
YO/				Class III			
Extensions				/AM, /M, /MM, /P (optional)			
Equivalent national class				Class III			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range
2200 m	135.700 – 137.800 kHz	1 W ERP	800 Hz	135.700 – 137.800 kHz	1 W ERP	800 Hz	135.700 – 137.800 kHz
630 m	472.000 – 479.000 kHz	1 W ERP	800 Hz	472.000 – 479.000 kHz	1 W ERP	800 Hz	472.000 – 479.000 kHz
160 m	1.810 – 2.000 MHz	200 W	2.7 kHz	1.810 – 2.000 MHz	100 W	2.7 kHz	1.810 – 2.000 MHz
80 m	3.500 – 3.800 MHz	200 W	2.7 kHz	3.500 – 3.800 MHz	100 W	2.7 kHz	3.500 – 3.800 MHz
60 m ¹	5.3515 – 5.3665 MHz	200 W	2.7 kHz	5.3515 – 5.3665 MHz	100 W	2.7 kHz	5.3515 – 5.3665 MHz
40 m	7.000 – 7.200 MHz	200 W	2.7 kHz	7.000 – 7.200 MHz	100 W	2.7 kHz	7.000 – 7.200 MHz
30 m	10.100 – 10.150 MHz	200 W	800 Hz	10.100 – 10.150 MHz	100 W	800 Hz	10.100 – 10.150 MHz
20 m	14.000 – 14.350 MHz	200 W	2.7 kHz	14.000 – 14.350 MHz	100 W	2.7 kHz	14.000 – 14.350 MHz
17 m	18.068 – 18.168 MHz	200 W	2.7 kHz	18.068 – 18.168 MHz	100 W	2.7 kHz	18.068 – 18.168 MHz
15 m	21.000 – 21.450 MHz	200 W	2.7 kHz	21.000 – 21.450 MHz	100 W	2.7 kHz	21.000 – 21.450 MHz
12 m	24.890 – 24.990 MHz	200 W	2.7 kHz	24.890 – 24.990 MHz	100 W	2.7 kHz	24.890 – 24.990 MHz
10 m	28.000 – 29.700 MHz	200 W	7 kHz	28.000 – 29.700 MHz	100 W	7 kHz	28.000 – 29.700 MHz
6 m	50.000 – 52.000 MHz	200 W	12 kHz	50.000 – 52.000 MHz	100 W	12 kHz	50.000 – 52.000 MHz
4 m	70.000 – 70.300 MHz	20 W	12 kHz	70.000 – 70.300 MHz	20 W	12 kHz	70.000 – 70.300 MHz
2 m	144.000 – 146.000 MHz	200 W	40 kHz	144.000 – 146.000 MHz	100 W	40 kHz	144.000 – 146.000 MHz
70 cm	431.200 – 440.000 MHz	100 W	2 MHz	431.200 – 440.000 MHz	50 W	2 MHz	431.200 – 440.000 MHz
23 cm	1.240 – 1.300 GHz	100 W	2/7/18 MHz ²	1.240 – 1.300 GHz	50 W	2/7/18 MHz ²	1.240 – 1.300 GHz
13 cm	2.300 – 2.450 GHz	100 W	10/20 MHz ³	2.300 – 2.450 GHz	50 W	10/20 MHz ³	2.300 – 2.450 GHz
9 cm							
6 cm	5.650 – 5.850 GHz	100 W	10/20 MHz ³	5.650 – 5.850 GHz	50 W	10/20 MHz ³	5.650 – 5.850 GHz
3 cm	10.000 – 10.500 GHz	100 W	10/20 MHz ³	10.000 – 10.500 GHz	50 W	10/20 MHz ³	10.000 – 10.500 GHz
1.2 cm	24.000 – 24.050 GHz	100 W	any	24.000 – 24.050 GHz	50 W	any	24.000 – 24.050 GHz
	24.250 – 24.250 GHz	100 W	10/20 MHz ³	24.250 – 24.250 GHz	50 W	10/20 MHz ³	24.250 – 24.250 GHz
6 mm	47.000 – 47.200 GHz	100 W	any	47.000 – 47.200 GHz	50 W	any	47.000 – 47.200 GHz
4 mm	75.500 – 81.500 GHz	100 W	10/20 MHz ³	75.500 – 81.500 GHz	50 W	10/20 MHz ³	75.500 – 81.500 GHz
2.5 mm	122.250 – 123.000 GHz	100 W	10/20 MHz ³	122.250 – 123.000 GHz	50 W	10/20 MHz ³	122.250 – 123.000 GHz
2 mm	134.000 – 141.000 GHz	100 W	10/20 MHz ³	134.000 – 141.000 GHz	50 W	10/20 MHz ³	134.000 – 141.000 GHz
1.2 mm	241.000 – 250.000 GHz	100 W	any	241.000 – 250.000 GHz	50 W	any	241.000 – 250.000 GHz

Notes

- ¹ Special permission required
- ² AM-TV: 7 MHz; FM-TV: 18 MHz; any other mode: 2 MHz
- ³ FM-TV: 20 MHz; any other mode: 10 MHz

Info

Autoritatea Nationala pentru Administrare si Reglementare in Comunicatii (ANCOM): *Hotărâre privind aprobarea Tabelului național de atribuire a benzilor de frecvențe radio*. https://www.ancom.ro/uploads/links_files/HOTARAREA_GUVERNULUI_376_2020.pdf (current as of 2020-06-17)

—: *Decizie privind reglementarea serviciului de amator*.

https://www.ancom.ro/uploads/links_files/DECIZIA_ANCOM_245_2017_PRIVIND_REGLEMENTAREA_SERVICIULUI_DE_AMATOR_CONSOLIDATA_31_martie_2022.pdf (current as of 2022-03-31)

—: *Decision on the regulation of amateur service*.

https://www.ancom.ro/uploads/links_files/DECIZIA_ANCOM_245_2017_PRIVIND_REGLEMENTAREA_SERVICIULUI_DE_AMATOR_CONSOLIDATA_en.pdf (current as of 2022-03-31)

—: *Reglementare tehnică pentru interfața radio privind echipamente radio ce funcționează în regim de emisie sau emisie/recepție în benzi atribuite serviciului de amator*. https://www.ancom.ro/uploads/links_files/RO_IR_AT_01_v_1_0.pdf (current as of 2022-04-18)

**Russian Federation

Implementation	CEPT Licence				CEPT Novice Licence			
	T/R 61-01 implemented, but Russian Federation removed from the List of CEPT Countries (T/R 61-01, Annex 2)				ECC/REC/(05)06 implemented, but Russian Federation removed from the List of CEPT Countries (ECC/REC/(05)06, Annex 2)			
	HAREC				ERC Report 32 not applied			
	T/R 61-02 implemented, but Russian Federation removed from the List of CEPT Countries (T/R 61-02, Annex 2)							
Call sign prefix	RA/				RC/			
Extensions	/AM, /M, /MM, /P (optional)				/AM, /M, /MM, /P (optional)			
Equivalent national class	Category 2				Category 3			
Band	Frequency Range		Power (PEP)	Bandwidth/ Modes	Frequency Range		Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz		1 W EIRP	1	135.700 – 137.800 kHz		1 W EIRP	1
630 m	1.810 – 1.838 MHz		10 W Pavg ²	3	1.810 – 1.838 MHz		10 W Pavg	3
160 m	1.838 – 1.840 MHz		10 W Pavg ²	3	1.838 – 1.840 MHz		10 W Pavg	3
	1.840 – 1.950 MHz		10 W Pavg ²	4	1.840 – 2.000 MHz		10 W Pavg	4
	1.950 – 2.000 MHz		10 W Pavg	4				
80 m	3.500 – 3.570 MHz		1 kW	3	3.500 – 3.570 MHz		10 W	3
	3.570 – 3.600 MHz		1 kW	1	3.570 – 3.600 MHz		10 W	1
	3.600 – 3.800 MHz		1 kW	4	3.600 – 3.800 MHz		10 W	4
60 m								
40 m	7.000 – 7.040 MHz		1 kW	3	7.000 – 7.040 MHz		10 W	3
	7.040 – 7.050 MHz		1 kW	1	7.040 – 7.050 MHz		10 W	1
	7.050 – 7.200 MHz		1 kW	4	7.050 – 7.100 MHz		10 W	4
30 m	10.100 – 10.130 MHz		1 kW	3	10.100 – 10.130 MHz		10 W	3
	10.130 – 10.150 MHz		1 kW	1	10.130 – 10.150 MHz		10 W	1
20 m	14.000 – 14.070 MHz		1 kW	3	14.000 – 14.070 MHz		10 W	3
	14.070 – 14.099 MHz		1 kW	1	14.070 – 14.099 MHz		10 W	1
	14.099 – 14.101 MHz ⁶				14.099 – 14.101 MHz ⁶			
	14.101 – 14.350 MHz		1 kW	4	14.101 – 14.350 MHz		10 W	4
17 m	18.068 – 18.095 MHz		1 kW	3	18.068 – 18.095 MHz		10 W	3
	18.095 – 18.109 MHz		1 kW	1	18.095 – 18.109 MHz		10 W	1
	18.109 – 18.111 MHz ⁶				18.109 – 18.111 MHz ⁶			
	18.111 – 18.168 MHz		1 kW	4	18.111 – 18.168 MHz		10 W	4
15 m	21.000 – 21.070 MHz		1 kW	3	21.025 – 21.070 MHz		10 W	3
	21.070 – 21.149 MHz		1 kW	1	21.070 – 21.149 MHz		10 W	1
	21.149 – 21.151 MHz ⁶				21.149 – 21.151 MHz ⁶			
	21.151 – 21.450 MHz		1 kW	4	21.151 – 21.450 MHz		10 W	4
12 m	24.890 – 24.915 MHz		1 kW	3	24.890 – 24.915 MHz		10 W	3
	24.915 – 24.929 MHz		1 kW	1	24.915 – 24.929 MHz		10 W	1
	24.929 – 24.931 MHz ⁶				24.929 – 24.931 MHz ⁶			
	24.931 – 24.990 MHz		1 kW	4	24.931 – 24.990 MHz		10 W	4
10 m	28.000 – 28.070 MHz		1 kW	3	28.000 – 28.070 MHz		10 W	3
	28.070 – 28.190 MHz		1 kW	1	28.070 – 28.190 MHz		10 W	1
	28.190 – 28.225 MHz ⁶				28.190 – 28.225 MHz ⁶			
	28.225 – 29.700 MHz		1 kW	5	28.225 – 29.700 MHz		10 W	5
6 m								
4 m								
2 m	144.000 – 144.025 MHz ⁷			8	144.000 – 144.025 MHz ⁷			8
	144.025 – 144.100 MHz	100 W ⁹	8 10		144.025 – 144.100 MHz	10 W ⁹	8 10	
	144.100 – 144.150 MHz	100 W ⁹	10 11		144.100 – 144.150 MHz	10 W ⁹	10 11	
	144.150 – 144.165 MHz	100 W ⁹	10 12		144.150 – 144.165 MHz	10 W ⁹	10 12	
	144.165 – 144.180 MHz	100 W	12		144.165 – 144.180 MHz	10 W	12	
	144.180 – 144.399 MHz	100 W	10 12		144.180 – 144.399 MHz	10 W	10 12	
	144.400 – 144.491 MHz ⁶				144.400 – 144.491 MHz ⁶			
	144.491 – 145.594 MHz ¹⁴	100 W	13		144.491 – 145.594 MHz ¹⁴	10 W	13	
	145.594 – 145.7935 MHz ¹⁵				145.594 – 145.7935 MHz ¹⁵			
	145.7935 – 146.000 MHz	100 W	12		145.7935 – 146.000 MHz	10 W	12	
70 cm ¹⁶	430.000 – 432.000 MHz	10 W	17		430.000 – 432.000 MHz	10 W	17	
	432.000 – 432.100 MHz	10 W ⁹	10 18		432.000 – 432.100 MHz	10 W ⁹	10 18	
	432.100 – 432.400 MHz	10 W ⁹	10 19		432.100 – 432.400 MHz	10 W ⁹	10 19	
	432.400 – 432.500 MHz ⁶				432.400 – 432.500 MHz ⁶			
	432.500 – 434.000 MHz ²⁰	10 W	19		432.500 – 434.000 MHz ²⁰	10 W	19	
	434.000 – 434.100 MHz	10 W ⁹	10 21		434.000 – 434.100 MHz	10 W ⁹	10 21	
	434.100 – 440.000 MHz ²²	10 W	19		434.100 – 440.000 MHz ²²	10 W	19	
23 cm	1.260 – 1.296 GHz ²³	10 W	24		1.260 – 1.296 GHz ²³	10 W	24	
	1.296 – 1.29615 GHz	10 W ⁹	10 24		1.296 – 1.29615 GHz	10 W ⁹	10 24	
	1.29615 – 1.2968 GHz	10 W	24		1.29615 – 1.2968 GHz	10 W	24	
	1.2968 – 1.296994 GHz ⁶				1.2968 – 1.296994 GHz ⁶			
	1.296994 – 1.29749 GHz ²⁵				1.296994 – 1.29749 GHz ²⁵			

13 cm	1.29749 – 1.300 GHz	10 W	²⁴	1.29749 – 1.300 GHz	10 W	²⁴
	2.400 – 2.450 GHz ²⁶	10 W	²⁷	2.400 – 2.450 GHz ²⁶	10 W	²⁷
9 cm						
6 cm	5.650 – 5.670 GHz	10 W	²⁸	5.650 – 5.670 GHz	10 W	²⁸
	5.725 – 5.760 GHz	10 W	²⁸	5.725 – 5.760 GHz	10 W	²⁸
	5.760 – 5.762 GHz ²⁹	10 W ³⁰	^{28 31}	5.760 – 5.762 GHz ²⁹	10 W ³⁰	^{28 31}
	5.762 – 5.850 GHz	10 W	²⁸	5.762 – 5.850 GHz	10 W	²⁸
3 cm	10.000 – 10.500 GHz ³²	10 W	²⁸	10.000 – 10.500 GHz ³²	10 W	²⁸
1.2 cm	24.000 – 24.250 GHz ³³	10 W	²⁸	24.000 – 24.250 GHz ³³	10 W	²⁸
6 mm	47.000 – 47.002 GHz	10 W ³⁰	^{28 34}	47.000 – 47.002 GHz	10 W ³⁰	^{28 34}
	47.002 – 47.088 GHz	10 W	²⁸	47.002 – 47.088 GHz	10 W	²⁸
	47.088 – 47.090 GHz	10 W ³⁰	^{28 34}	47.088 – 47.090 GHz	10 W ³⁰	^{28 34}
	47.090 – 47.200 GHz	10 W	²⁸	47.090 – 47.200 GHz	10 W	²⁸
4 mm	76.000 – 77.500 GHz	10 W	²⁸	76.000 – 77.500 GHz	10 W	²⁸
	77.500 – 77.501 GHz	10 W ³⁰	^{28 35}	77.500 – 77.501 GHz	10 W ³⁰	^{28 35}
	77.501 – 78.000 GHz	10 W	²⁸	77.501 – 78.000 GHz	10 W	²⁸
	122.250 – 122.251 GHz	10 W ³⁰	^{28 35}	122.250 – 122.251 GHz	10 W ³⁰	^{28 35}
2.5 mm	122.251 – 123.000 GHz	10 W	²⁸	122.251 – 123.000 GHz	10 W	²⁸
2 mm	134.000 – 134.001 GHz	10 W ³⁰	^{28 35}	134.000 – 134.001 GHz	10 W ³⁰	^{28 35}
	134.001 – 141.000 GHz	10 W	²⁸	134.001 – 141.000 GHz	10 W	²⁸
1.2 mm	241.000 – 248.000 GHz	10 W	²⁸	241.000 – 248.000 GHz	10 W	²⁸
	248.000 – 248.001 GHz	10 W ³⁰	^{28 35}	248.000 – 248.001 GHz	10 W ³⁰	^{28 35}
	248.001 – 250.000 GHz	10 W	²⁸	248.001 – 250.000 GHz	10 W	²⁸

Notes

- ¹ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
- ² 500 W PEP in contests
- ³ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B
- ⁴ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E
- ⁵ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E
- ⁶ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E
- ⁶ Beacon stations, reception only
- ⁷ Space communication only
- ⁸ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A
- ⁹ EME, MS communication: 1.5 kW PEP
- ¹⁰ EME, MS communication: 50H0A1A, 50H0J2A, 1K80F1B
- ¹¹ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
- ¹² 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K40J2D, 2K70J2E, 5K76G1E, 7K60F1D, 8K10F1E, 11K0F1D
- ¹³ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E
- ¹⁴ 145.000–145.175 MHz: repeater stations (input)
- ¹⁵ 145.600–145.775 MHz: repeater stations (output)
- ¹⁶ 430.000–433.000 MHz: no transmission in 350 km radius of the centre of Moscow
- ¹⁷ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 7K60D1W, 7K60F1D, 11K0F1D, 16K0D1D, 16K0D2D, 150KF1W, 2M00G7W
- ¹⁸ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
- ¹⁹ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 7K60D1W, 7K60F1D, 11K0F1D, 16K0D1D, 16K0D2D, 150KF1W, 2M00G7W
- ²⁰ 433.025–433.375 MHz: repeater stations (input)
- ²¹ 150HA1A, 2K70G1D, 6K00F7D, 7K60D1W, 7K60F1D, 11K0F1D, 16K0D1D, 16K0D2D, 150KF1W, 2M00G7W, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 3K00A2A, 6K00F2A, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D
- ²² 434.625–434.975 MHz: repeater stations (output)
- ²³ 1.291000–1.291475 GHz: repeater stations (input)
- ²⁴ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 16K0D1D, 150KF1W, 2M50G7W
- ²⁵ 1.297000–1.297475 GHz: repeater stations (output)
- ²⁶ Space communication space–ground only
- ²⁷ 150HA1A, 150HJ2A, 2K70J3E, 2K70J2E, 16K0F3E, 44K2F1D, 88K3F1D, 350KF1D, 2M50G7W
- ²⁸ 150HA1A, 150HJ2A, 1H00A1B, 1H00J2B, 60H0J2B, 250HF1D, 1H00A1D, 1H00F1D, 250HJ2D, 2H00J2D, 2K70J3E, 6K00A3E, 11K0F3E, 16K0F3E, 20K0F3E, 2K70G1D, 6K00F7D, 16K0D1D, 150KF1W, 10M50G7W
- ²⁹ 5.7608–5.76099 GHz: temporary beacon stations
- ³⁰ EME, MS communication: 100 W PEP
- ³¹ EME, MS communication: 50H0A1A, 50H0J2A, 1K80F1B, 1K50J2D
- ³² 10.36875–10.36899 GHz: temporary beacon stations
- ³³ 24.0488–24.04899 GHz: temporary beacon stations
- ³⁴ 50H0A1A, 50H0J2A, 1K80F1B, 2K00J2D
- ³⁵ 50H0A1A, 50H0J2A, 1K80F1B, 2K40J2D

Info

Glavnyj Radiochastotnyj Tsentr (GRChTs)/General Radio Frequency Centre (GRFC): *Usloviya ispolzovaniya' vydelennykh polos radiochastot (za isklyucheniye lyubitel'skikh retranslatorov I radiomayakov)*. https://www.grfc.ru/upload/medialibrary/b8a/prilozhenie-k-resheniyu-gkrch-ot-16.10.2015-_15_35_02.pdf (current as of 2015-10-16)

—: *Reshenie o vydelenii polos radiochastot dlya radioelektronnykh sredstv lyubitel'skoy I lyubitel'skoy sputnikovoy sluzhby*. https://grfc.ru/upload/medialibrary/3ee/Reshenie_GKRCH_ot_15.07.2010_10_07_01_ver._1_1223504848588.docx (current as of 2020-03-13)

—: *Ob utverzhlenii Tablitsy raspredeleniya polos radiochastot mezhduradiosluzhbyami Rossijskoj Federatsii I priznanii utrativshimi silu nekotorykh postanovlenij Pravitel'stva Rossijskoj Federatsii*. https://grfc.ru/upload/medialibrary/949/TRPCH_2019_11.10.2019_.pdf (current as of 2019-09-18)



San Marino

Implementation	CEPT Licence T/R 61-01 not implemented	CEPT Novice Licence ECC/REC/(05)06 not implemented
	HAREC T/R 61-02 not implemented	



Serbia

Implementation	CEPT Licence T/R 61-01 implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented	
	HAREC T/R 61-02 implemented			
Call sign prefix	YU/			
Extensions	/AM, /M, /P (optional)			
Equivalent national class	Class 1			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹	
2200 m ²	135.700 – 137.800 kHz			
630 m ²	472.000 – 479.000 kHz			
160 m	1.810 – 1.838 MHz	300 W	A1A	
	1.838 – 1.840 MHz	300 W	³	
	1.840 – 1.842 MHz	300 W	⁴	
	1.842 – 2.000 MHz	300 W	A1A, J3E	
80 m	3.500 – 3.580 MHz	1.5 kW	A1A	
	3.580 – 3.600 MHz	1.5 kW	⁵	
	3.600 – 3.620 MHz	1.5 kW	⁶	
	3.620 – 3.730 MHz	1.5 kW	A1A, J3E	
	3.730 – 3.740 MHz	1.5 kW	⁷	
	3.740 – 3.800 MHz	1.5 kW	A1A, J3E	
60 m ²	5.3515 – 5.3665 MHz			
40 m	7.000 – 7.035 MHz	1.5 kW	A1A	
	7.035 – 7.040 MHz	1.5 kW	⁸	
	7.040 – 7.045 MHz	1.5 kW	⁹	
	7.045 – 7.200 MHz	1.5 kW	A1A, J3E	
30 m	10.100 – 10.140 MHz	300 W	A1A	
	10.140 – 10.150 MHz	300 W	¹⁰	
20 m	14.000 – 14.070 MHz	1.5 kW	A1A	
	14.070 – 14.099 MHz	1.5 kW	¹⁰	
	14.099 – 14.101 MHz ¹¹			
	14.101 – 14.112 MHz	1.5 kW	¹²	
	14.112 – 14.225 MHz	1.5 kW	A1A, J3E	
	14.225 – 14.235 MHz	1.5 kW	⁷	
	14.235 – 14.350 MHz	1.5 kW	A1A, J3E	
17 m	18.068 – 18.100 MHz	300 W	A1A	
	18.100 – 18.109 MHz	300 W	¹⁰	
	18.109 – 18.111 MHz ¹¹			
	18.111 – 18.168 MHz	300 W	A1A, J3E	
15 m	21.000 – 21.080 MHz	1.5 kW	A1A	
	21.080 – 21.120 MHz	1.5 kW	¹⁰	
	21.120 – 21.149 MHz	1.5 kW	A1A	
	21.149 – 21.151 MHz ¹¹			
	21.151 – 21.335 MHz	1.5 kW	A1A, J3E	
	21.335 – 21.345 MHz	1.5 kW	⁷	
	21.345 – 21.450 MHz	1.5 kW	A1A, J3E	
12 m	24.890 – 24.920 MHz	300 W	A1A	
	24.920 – 24.929 MHz	300 W	¹⁰	
	24.929 – 24.931 MHz ¹¹			
	24.931 – 24.990 MHz	300 W	A1A, J3E	
10 m	28.000 – 28.050 MHz	1.5 kW	A1A	
	28.050 – 28.150 MHz	1.5 kW	¹⁰	
	28.150 – 28.190 MHz	1.5 kW	A1A	
	28.190 – 28.225 MHz ¹¹			
	28.225 – 29.200 MHz	1.5 kW	⁷	
	29.200 – 29.300 MHz	1.5 kW	¹²	
	29.300 – 29.550 MHz ¹³			
	29.550 – 29.700 MHz	1.5 kW	A1A, J3E, F3E	
6 m ¹⁴	50.000 – 50.020 MHz	100/10 W ¹⁵	A1A	
	50.020 – 50.080 MHz ¹¹			
	50.080 – 50.100 MHz	100/10 W ¹⁵	A1A	
	50.100 – 51.900 MHz	100/10 W ¹⁵	A1A, J3E, F1B, F2D	
	51.900 – 52.000 MHz ²			
4 m ²	69.900 – 70.500 MHz			
2 m	144.000 – 144.035 MHz	1.5 kW	A1A, J3E	
	144.035 – 144.150 MHz	1.5 kW	A1A	
	144.150 – 144.400 MHz	1.5 kW	J3E	
	144.400 – 144.500 MHz ¹¹			
	144.500 – 144.800 MHz	300 W	¹⁶	

70 cm	144.800 – 144.995 MHz	50 W	¹⁷
	144.995 – 145.1935 MHz ¹⁸	30 W	
	145.200 – 145.5935 MHz	30 W	F3E
	145.594 – 145.7935 MHz ¹⁹		
	145.800 – 146.000 MHz ¹³	75 W	¹⁶
	430.000 – 432.000 MHz ²		
	432.000 – 432.100 MHz	1.5 kW	A1A
	432.100 – 432.400 MHz	1.5 kW	²⁰
	432.400 – 432.500 MHz ¹¹		
	432.500 – 433.000 MHz	300 W	¹⁷
23 cm	433.000 – 433.400 MHz ¹⁸	30 W	
	433.400 – 433.600 MHz	30 W	F3E
	433.600 – 434.000 MHz	300 W	¹⁷
	434.000 – 434.600 MHz	50 W	²¹
	434.600 – 434.985 MHz ¹⁹		
	435.000 – 438.000 MHz ¹³	75 W	¹⁷
	438.000 – 440.000 MHz ²		
	1.240 – 1.24325 GHz	300 W	²²
	1.24325 – 1.260 GHz	300 W	F3F, J3F
	1.260 – 1.270 GHz ¹³	75 W	²²
13 cm	1.270 – 1.272 GHz	300 W	²²
	1.272 – 1.290994 GHz	300 W	F3F, J3F
	1.290994 – 1.291481 GHz ¹⁸	30 W	
	1.291484 – 1.296 GHz	300 W	²²
	1.296 – 1.29615 GHz	300 W	A1A
	1.29615 – 1.2968 GHz	300 W	A1A, J3E
	1.2968 – 1.296875 GHz ¹¹		
	1.296875 – 1.296994 GHz ¹⁹		
	1.296994 – 1.297481 GHz		
	1.297481 – 1.297981 GHz	30 W	²²
9 cm	1.297981 – 1.300 GHz	300 W	any
	1.300 – 2.300 GHz	300 W	²²
	2.300 – 2.320 GHz	300 W	A1A
	2.320 – 2.32015 GHz	300 W	A1A
	2.32015 – 2.321 GHz	300 W	A1A, J3E
	2.321 – 2.322 GHz	30 W	F3E
	2.322 – 2.400 GHz	300 W	²²
	2.400 – 2.450 GHz ¹³	75 W	
6 cm	5.650 – 5.668 GHz ²³	75 W	²²
	5.668 – 5.670 GHz ²³	75 W	²⁵
	5.670 – 5.700 GHz	300 W	¹⁷
	5.700 – 5.720 GHz	300 W	F3F, J3F
	5.720 – 5.760 GHz	300 W	²²
	5.760 – 5.762 GHz	300 W	²⁵
	5.762 – 5.790 GHz	300 W	²²
	5.790 – 5.850 GHz ²⁴		²⁵
	10.000 – 10.150 GHz	300 W	¹⁷
	10.150 – 10.250 GHz	300 W	²²
3 cm	10.250 – 10.350 GHz	300 W	¹⁷
	10.350 – 10.368 GHz	300 W	²²
	10.368 – 10.370 GHz	300 W	²⁵
	10.370 – 10.450 GHz	300 W	²²
	10.450 – 10.500 GHz ¹³	50 W	²⁵
	24.000 – 24.048 GHz ¹³	50 W	²⁵
	24.048 – 24.050 GHz	75 W	²⁵
	24.050 – 24.250 GHz	75 W	²²
	47.000 – 47.200 GHz	75 W	²²
	76.000 – 81.500 GHz	75 W	²²
1.2 cm	122.250 – 123.000 GHz	75 W	²²
	134.000 – 141.000 GHz	75 W	²²
6 mm	241.000 – 250.000 GHz	75 W	²²
4 mm			
2.5 mm			
2 mm			
1.2 mm			

Notes

- ¹ Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
- ² Band listed in the national frequency plan (Plan namene radio-frekvencijskih opsega), but not included in the national amateur radio regulations
- ³ A1A, A1B, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, G1B, R3E
- ⁴ A1A, A1B, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, J3E, G1B, R3E
- ⁵ A1A, A1B, A1D, F1B, F1D, G1B, J2B
- ⁶ A1A, A1B, A1D, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, J2E, J3E, R3E, G1B
- ⁷ A1A, J2C, F2C, J3C, J3E
- ⁸ A1A, A1B, A1D, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, G1B, J2C, F2C, J3C
- ⁹ A1A, A1B, A1D, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, G1B, J2C, F2C, J3C, J3E
- ¹⁰ A1A, A1B, A1D, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, G1B
- ¹¹ Beacon stations, reception only
- ¹² A1A, A1B, A1D, A2B, A2D, F1B, F1D, F2B, F2D, F3F, J2B, J2D, G1B, J3E

- ¹³ Satellite communication
¹⁴ No mobile operation permitted within urban areas
¹⁵ 10 W within urban areas, 100 W outside urban areas
¹⁶ A1A, A1B, A1C, A1D, A2B, A2C, A2D, A3C, A3E, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3E, F3F, J2B, J2C, J2D, J2E, J3C, J3E, J3F, R3E
¹⁷ A1D, A2D, F1D, F2D, J2D
¹⁸ Repeater stations (input)
¹⁹ Repeater stations (output)
²⁰ A1A, A1B, A1D, A2B, A2D, F1B, F1D, F2B, F2D, J2B, J2D, J3E, G1B, R3E
²¹ A1B, A1C, A1D, A2B, A2C, A2D, A3C, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3F, G1B, J2B, J2C, J2D, J3C, J3F
²² A1A, A1B, A1C, A1D, A2B, A2C, A2D, A3C, A3E, F1B, F1C, F1D, F2B, F2C, F2D, F3C, F3E, F3F, G1B, J2B, J2C, J2D, J2E, J3C, J3E, J3F, R3E
²³ Satellite communication (uplink)
²⁴ Satellite communication (downlink)
²⁵ A1A, A1B, A1C, A1D, A2A, A2B, A2C, A2D, A3C, F1A, F1B, F1C, F1D, F2A, F2B, F2C, F2D, F3C, F3E, F3F, J2A, J2B, J2C, J2D, J2E, J3C, J3E, R3E

Info

Regulatorno telo za elektronske komunikacije i poštanske usluge/Regulatory Authority for Electronic Communications and Postal Services (RATEL): *Pravilnik o načinu korišćenja amaterskih radio stanica*.

https://www.ratel.rs/uploads/documents/pdf_documents/documents/Regulativa/Pravilnici/Radiokomunikacije/Pravilnik o nacinu koriscenja amaterskih radio stanica.pdf (current as of 2011-07-22)

—: *Pravilnik o načinu korišćenja radio stanica od strane radio amatera*.

https://www.ratel.rs/uploads/documents/empire_plugin/5b890a50e2440.pdf (current as of 2018-05-29)

—: *Pravilnik o uslovima za rad amaterskih radio-stanica*.

https://www.ratel.rs/uploads/documents/pdf_documents/editor_files/File/Regulativa/Pravilnici/Pravilnik o radioamaterima, korigovan.pdf (current as of 2018-07-18)

—: *Plan namene radio-frekvencijskih opsega*. https://www.ratel.rs/uploads/documents/empire_plugin/План намене радио-фреквенцијских опсера.pdf (current as of 2020-06-25)

Slovak Republic

Implementation	CEPT Licence			CEPT Novice Licence		
	T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign prefix	HAREC			ERC Report 32 applied		
	T/R 61-02 implemented			OM9/		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
	Class E			Class N; old D		
Equivalent national class	Class E			Class N; old D		
Band	Frequency Range ¹	Power (PEP) ¹	Bandwidth/ Modes ²	Frequency Range ¹	Power (PEP) ¹	Bandwidth/ Modes ²
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz ³	135.700 – 137.800 kHz	1 W EIRP	200 Hz ³
630 m	472.000 – 475.000 kHz	1 W EIRP ⁴	200 Hz ⁵	472.000 – 475.000 kHz	1 W EIRP ⁴	200 Hz ⁵
	475.000 – 479.000 kHz	1 W EIRP ⁴		475.000 – 479.000 kHz	1 W EIRP ⁴	
160 m	1.810 – 1.838 MHz	750 W	200 Hz ⁵	1.810 – 1.838 MHz	750 W	200 Hz ⁵
	1.838 – 1.840 MHz	750 W	500 Hz	1.838 – 1.840 MHz	750 W	500 Hz
	1.840 – 1.850 MHz	750 W	2.7 kHz	1.840 – 1.850 MHz	750 W	2.7 kHz
	1.850 – 2.000 MHz	10 W	2.7 kHz	1.850 – 2.000 MHz	10 W	2.7 kHz
80 m	3.500 – 3.570 MHz	750 W	200 Hz ⁵	3.500 – 3.570 MHz	100 W	200 Hz ⁵
	3.570 – 3.580 MHz	750 W	200 Hz	3.570 – 3.580 MHz	100 W	200 Hz
	3.580 – 3.600 MHz	750 W	500 Hz	3.580 – 3.600 MHz	100 W	500 Hz
	3.600 – 3.800 MHz	750 W	2.7 kHz	3.600 – 3.800 MHz	100 W	2.7 kHz
60 m	5.3515 – 5.354 MHz	15 W EIRP	200 Hz ⁵	5.3515 – 5.354 MHz	15 W EIRP	200 Hz ⁵
	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz	5.354 – 5.366 MHz	15 W EIRP	2.7 kHz
	5.366 – 5.3665 MHz	15 W EIRP	20 Hz	5.366 – 5.3665 MHz	15 W EIRP	20 Hz
40 m	7.000 – 7.040 MHz	750 W	200 Hz ⁵	7.000 – 7.040 MHz	100 W	200 Hz ⁵
	7.040 – 7.050 MHz	750 W	500 Hz	7.040 – 7.050 MHz	100 W	500 Hz
	7.050 – 7.200 MHz	750 W	2.7 kHz	7.050 – 7.200 MHz	100 W	2.7 kHz
30 m	10.100 – 10.130 MHz	750 W	200 Hz ⁵	10.100 – 10.130 MHz	100 W	200 Hz ⁵
	10.130 – 10.150 MHz	750 W	500 Hz	10.130 – 10.150 MHz	100 W	500 Hz
20 m	14.000 – 14.070 MHz	750 W	200 Hz ⁵	14.000 – 14.070 MHz	100 W	200 Hz ⁵
	14.070 – 14.099 MHz	750 W	500 Hz	14.070 – 14.099 MHz	100 W	500 Hz
	14.099 – 14.101 MHz ⁶			14.099 – 14.101 MHz ⁶		
	14.101 – 14.350 MHz	750 W	2.7 kHz	14.101 – 14.350 MHz	100 W	2.7 kHz
17 m	18.068 – 18.0965 MHz	750 W	200 Hz ⁵	18.068 – 18.0965 MHz	100 W	200 Hz ⁵
	18.095 – 18.109 MHz	750 W	500 Hz	18.095 – 18.109 MHz	100 W	500 Hz
	18.109 – 18.111 MHz ⁶			18.109 – 18.111 MHz ⁶		
	18.111 – 18.168 MHz	750 W	2.7 kHz	18.111 – 18.168 MHz	100 W	2.7 kHz
15 m	21.000 – 21.070 MHz	750 W	200 Hz ⁵	21.000 – 21.070 MHz	100 W	200 Hz ⁵
	21.070 – 21.110 MHz	750 W	500 Hz	21.070 – 21.110 MHz	100 W	500 Hz
	21.110 – 21.120 MHz	750 W	2.7 kHz	21.110 – 21.120 MHz	100 W	2.7 kHz
	21.120 – 21.149 MHz	750 W	500 Hz	21.120 – 21.149 MHz	100 W	500 Hz
	21.149 – 21.151 MHz ⁶			21.149 – 21.151 MHz ⁶		
	21.151 – 21.450 MHz	750 W	2.7 kHz	21.151 – 21.450 MHz	100 W	2.7 kHz
12 m	24.890 – 24.915 MHz	750 W	200 Hz ⁵	24.890 – 24.915 MHz	100 W	200 Hz ⁵
	24.915 – 24.929 MHz	750 W	500 Hz	24.915 – 24.929 MHz	100 W	500 Hz
	24.929 – 24.931 MHz ⁶			24.929 – 24.931 MHz ⁶		
	24.931 – 24.990 MHz	750 W	2.7 kHz	24.931 – 24.990 MHz	100 W	2.7 kHz
10 m	28.000 – 28.070 MHz	750 W	200 Hz ⁵	28.000 – 28.070 MHz	100 W	200 Hz ⁵
	28.070 – 28.190 MHz	750 W	500 Hz	28.070 – 28.190 MHz	100 W	500 Hz
	28.190 – 28.225 MHz ⁶			28.190 – 28.225 MHz ⁶		
	28.225 – 29.000 MHz	750 W	2.7 kHz	28.225 – 29.000 MHz	100 W	2.7 kHz
	29.000 – 29.300 MHz	750 W	6 kHz	29.000 – 29.300 MHz	100 W	6 kHz
	29.300 – 29.510 MHz ⁷	750 W	6 kHz	29.300 – 29.510 MHz ⁷	100 W	6 kHz
	29.510 – 29.520 MHz ⁸			29.510 – 29.520 MHz ⁸		
	29.520 – 29.700 MHz	750 W	6 kHz	29.520 – 29.700 MHz	100 W	6 kHz
6 m	50.000 – 50.100 MHz	750 W	500 Hz ⁹	50.000 – 50.100 MHz	100 W	500 Hz ⁹
	50.100 – 50.300 MHz	750 W	2.7 kHz ¹⁰	50.100 – 50.300 MHz	100 W	2.7 kHz ¹⁰
	50.300 – 50.400 MHz	750 W	2.7 kHz ¹¹	50.300 – 50.400 MHz	100 W	2.7 kHz ¹¹
	50.400 – 50.500 MHz	750 W	1 kHz ¹²	50.400 – 50.500 MHz	100 W	1 kHz ¹²
	50.500 – 52.000 MHz	750 W	12 kHz	50.500 – 52.000 MHz	100 W	12 kHz
4 m	70.000 – 70.100 MHz	10 W ERP	1 kHz ¹²	70.000 – 70.100 MHz	10 W ERP	1 kHz ¹²
	70.100 – 70.250 MHz	10 W ERP	2.7 kHz ¹³	70.100 – 70.250 MHz	10 W ERP	2.7 kHz ¹³
	70.250 – 70.294 MHz	10 W ERP	12 kHz ¹⁴	70.250 – 70.294 MHz	10 W ERP	12 kHz ¹⁴
	70.294 – 70.500 MHz	10 W ERP	12 kHz ¹⁵	70.294 – 70.500 MHz	10 W ERP	12 kHz ¹⁵
2 m	144.000 – 144.025 MHz	750 W	2.7 kHz	144.000 – 144.025 MHz	100 W	2.7 kHz
	144.025 – 144.100 MHz	750 W	500 Hz ⁵	144.025 – 144.100 MHz	100 W	500 Hz ⁵
	144.100 – 144.150 MHz	750 W	500 Hz ¹²	144.100 – 144.150 MHz	100 W	500 Hz ¹²
	144.150 – 144.400 MHz	750 W	2.7 kHz ¹³	144.150 – 144.400 MHz	100 W	2.7 kHz ¹³
	144.400 – 144.490 MHz	750 W	500 Hz ¹²	144.400 – 144.490 MHz	100 W	500 Hz ¹²
	144.491 – 144.493 MHz	750 W	500 Hz ¹⁶	144.491 – 144.493 MHz	100 W	500 Hz ¹⁶
	144.500 – 144.794 MHz	750 W	20 kHz	144.500 – 144.794 MHz	100 W	20 kHz
	144.794 – 144.9625 MHz	750 W	12 kHz ¹⁷	144.794 – 144.9625 MHz	100 W	12 kHz ¹⁷

70 cm	144.975 – 145.194 MHz	750 W	12 kHz ¹⁸	144.975 – 145.194 MHz	100 W	12 kHz ¹⁸
	145.194 – 145.206 MHz	750 W	12 kHz ¹⁹	145.194 – 145.206 MHz	100 W	12 kHz ¹⁹
	145.206 – 145.5625 MHz	750 W	12 kHz ²⁰	145.206 – 145.5625 MHz	100 W	12 kHz ²⁰
	145.575 – 145.7935 MHz	750 W	12 kHz ²¹	145.575 – 145.7935 MHz	100 W	12 kHz ²¹
	145.794 – 145.806 MHz	750 W	12 kHz ¹⁹	145.794 – 145.806 MHz	100 W	12 kHz ¹⁹
	145.806 – 146.000 MHz	750 W	12 kHz	145.806 – 146.000 MHz	100 W	12 kHz
	430.000 – 431.975 MHz	750 W	20 kHz	430.000 – 431.975 MHz	100 W	20 kHz
	432.000 – 432.100 MHz	750 W	500 Hz ¹²	432.000 – 432.100 MHz	100 W	500 Hz ¹²
	432.100 – 432.400 MHz	750 W	2.7 kHz ¹³	432.100 – 432.400 MHz	100 W	2.7 kHz ¹³
	432.400 – 432.490 MHz	750 W	500 Hz ¹²	432.400 – 432.490 MHz	100 W	500 Hz ¹²
	432.500 – 432.975 MHz	750 W	12 kHz	432.500 – 432.975 MHz	100 W	12 kHz
	433.000 – 433.575 MHz	750 W	12 kHz ²⁰	433.000 – 433.575 MHz	100 W	12 kHz ²⁰
	433.600 – 434.000 MHz	750 W	any	433.600 – 434.000 MHz	100 W	any
	434.000 – 434.981 MHz	750 W	12 kHz ²²	434.000 – 434.981 MHz	100 W	12 kHz ²²
	435.000 – 436.000 MHz ⁷	750 W		435.000 – 436.000 MHz ⁷	100 W	435.000
	436.000 – 438.000 MHz	750 W	²³	436.000 – 438.000 MHz	100 W	²³
	438.000 – 440.000 MHz	750 W	any	438.000 – 440.000 MHz	100 W	any
23 cm	1.240 – 1.2405 GHz	750 W	2.7 kHz	1.240 – 1.2405 GHz	100 W	2.7 kHz
	1.2405 – 1.24075 GHz	750 W	500 Hz ²⁴	1.2405 – 1.24075 GHz	100 W	500 Hz ²⁴
	1.240 – 1.2405 GHz	750 W	2.7 kHz	1.240 – 1.2405 GHz	100 W	2.7 kHz
	1.24075 – 1.241 GHz	750 W	20 kHz ²⁰	1.24075 – 1.241 GHz	100 W	20 kHz ²⁰
	1.241 – 1.24325 GHz	750 W	20 kHz	1.241 – 1.24325 GHz	100 W	20 kHz
	1.24325 – 1.260 GHz	750 W	²⁵	1.24325 – 1.260 GHz	100 W	²⁵
	1.260 – 1.270 GHz ⁷	750 W		1.260 – 1.270 GHz ⁷	100 W	
	1.270 – 1.272 GHz	750 W	20 kHz	1.270 – 1.272 GHz	100 W	20 kHz
	1.272 – 1.290994 GHz	750 W	²⁵	1.272 – 1.290994 GHz	100 W	²⁵
	1.290994 – 1.291481 GHz	750 W	20 kHz ²⁰	1.290994 – 1.291481 GHz	100 W	20 kHz ²⁰
	1.291494 – 1.296 GHz	750 W	²⁶	1.291494 – 1.296 GHz	100 W	²⁶
	1.296 – 1.29615 GHz	750 W	500 Hz ¹²	1.296 – 1.29615 GHz	100 W	500 Hz ¹²
	1.29615 – 1.2968 GHz	750 W	2.7 kHz ¹³	1.29615 – 1.2968 GHz	100 W	2.7 kHz ¹³
	1.2968 – 1.296994 GHz	750 W	500 Hz ²⁴	1.2968 – 1.296994 GHz	100 W	500 Hz ²⁴
	1.296994 – 1.297481 GHz	750 W	20 kHz ²⁰	1.296994 – 1.297481 GHz	100 W	20 kHz ²⁰
	1.298 – 1.299 GHz	750 W	20 kHz	1.298 – 1.299 GHz	100 W	20 kHz
	1.299 – 1.29975 GHz	750 W	150 kHz	1.299 – 1.29975 GHz	100 W	150 kHz
	1.29975 – 1.300 GHz	750 W	20 kHz	1.29975 – 1.300 GHz	100 W	20 kHz
13 cm	2.300 – 2.320 GHz	750 W	20 kHz	2.300 – 2.320 GHz	100 W	20 kHz
	2.320 – 2.3208 GHz	750 W	any	2.320 – 2.3208 GHz	100 W	any
	2.3208 – 2.321 GHz	750 W	²⁴	2.3208 – 2.321 GHz	100 W	²⁴
	2.321 – 2.322 GHz	750 W	20 kHz ²⁰	2.321 – 2.322 GHz	100 W	20 kHz ²⁰
	2.322 – 2.400 GHz	750 W	any	2.322 – 2.400 GHz	100 W	any
	2.400 – 2.450 GHz ⁷	750 W		2.400 – 2.450 GHz ⁷	100 W	
9 cm	3.400 – 3.4008 GHz	750 W	500 Hz ¹²	3.400 – 3.4008 GHz	100 W	500 Hz ¹²
	3.4008 – 3.400995 GHz	750 W	500 Hz ²⁴	3.4008 – 3.400995 GHz	100 W	500 Hz ²⁴
6 cm	3.401 – 3.410 GHz	750 W	2.7 kHz	3.401 – 3.410 GHz	100 W	2.7 kHz
	5.650 – 5.670 GHz	750 W	2.7 kHz	5.650 – 5.670 GHz	100 W	2.7 kHz
	5.670 – 5.700 GHz	750 W	¹⁷	5.670 – 5.700 GHz	100 W	¹⁷
	5.720 – 5.760 GHz	750 W	any	5.720 – 5.760 GHz	100 W	any
	5.760 – 5.7608 GHz	750 W	2.7 kHz	5.760 – 5.7608 GHz	100 W	2.7 kHz
	5.7608 – 5.76099 GHz	750 W	²⁴	5.7608 – 5.76099 GHz	100 W	²⁴
	5.761 – 5.762 GHz	750 W	2.7 kHz	5.761 – 5.762 GHz	100 W	2.7 kHz
	5.762 – 5.850 GHz	750 W	any	5.762 – 5.850 GHz	100 W	any
3 cm	10.000 – 10.150 GHz	750 W	¹⁷	10.000 – 10.150 GHz	100 W	¹⁷
	10.150 – 10.250 GHz	750 W	any	10.150 – 10.250 GHz	100 W	any
	10.250 – 10.350 GHz	750 W	¹⁷	10.250 – 10.350 GHz	100 W	¹⁷
	10.350 – 10.368 GHz	750 W	any	10.350 – 10.368 GHz	100 W	any
	10.368 – 10.3688 GHz	750 W	2.7 kHz	10.368 – 10.3688 GHz	100 W	2.7 kHz
	10.3688 – 10.36899 GHz ⁶	750 W		10.3688 – 10.36899 GHz ⁶	100 W	
	10.369 – 10.370 GHz	750 W	2.7 kHz	10.369 – 10.370 GHz	100 W	2.7 kHz
	10.370 – 10.500 GHz	750 W	any	10.370 – 10.500 GHz	100 W	any
1.2 cm	24.000 – 24.048 GHz	750 W	any	24.000 – 24.048 GHz	100 W	any
	24.048 – 24.0488 GHz	750 W	2.7 kHz	24.048 – 24.0488 GHz	100 W	2.7 kHz
	24.0488 – 24.048995 GHz ⁶	750 W		24.0488 – 24.048995 GHz ⁶	100 W	
	24.049 – 24.050 GHz	750 W	2.7 kHz	24.049 – 24.050 GHz	100 W	2.7 kHz
6 mm	24.050 – 24.250 GHz	750 W	any	24.050 – 24.250 GHz	100 W	any
	47.000 – 47.088 GHz	750 W	any	47.000 – 47.088 GHz	100 W	any
	47.088 – 47.090 GHz	750 W	2.7 kHz	47.088 – 47.090 GHz	100 W	2.7 kHz
	47.090 – 47.200 GHz	750 W	any	47.090 – 47.200 GHz	100 W	any
4 mm	75.500 – 76.000 GHz	750 W	2.7 kHz	75.500 – 76.000 GHz	100 W	2.7 kHz
	76.000 – 77.500 GHz	750 W	any	76.000 – 77.500 GHz	100 W	any
	77.500 – 77.501 GHz	750 W	2.7 kHz	77.500 – 77.501 GHz	100 W	2.7 kHz
2.5 mm	77.501 – 81.000 GHz	750 W	any	77.501 – 81.000 GHz	100 W	any
	122.250 – 122.251 GHz	750 W	2.7 kHz	122.250 – 122.251 GHz	100 W	2.7 kHz
	122.251 – 123.000 GHz	750 W	any	122.251 – 123.000 GHz	100 W	any
2 mm	134.000 – 134.928 GHz	750 W	any	134.000 – 134.928 GHz	100 W	any
	134.928 – 134.930 GHz	750 W	2.7 kHz	134.928 – 134.930 GHz	100 W	2.7 kHz
	134.930 – 141.000 GHz	750 W	any	134.930 – 141.000 GHz	100 W	any

Notes

- ¹ The official amateur radio regulations published on 2022-09-01 do not contain any definition regarding Classes E and N in terms of frequency ranges and power classes. In an announcement dated 2022-08-31 (<http://www.hamradio.sk/>), the national Slovak amateur radio club Slovenský zväz rádioamatérov (SZR) recommended to adhere to the power limits that had been applied before the new regulation came into force. In another announcement dated 2023-02-15, the SZR described the administrative procedure, by which new amateur radio permits are now being issued that indicate the maximum power according to the licence class.
- ² Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)
- ³ CW, QRSS, digital
- ⁴ 5 W EIRP in geographical areas with a distance of more than 800 km from the border
- ⁵ CW
- ⁶ Beacon stations, reception only
- ⁷ Satellite communication
- ⁸ Guard channel
- ⁹ Beacon stations, CW
- ¹⁰ SSB, CW
- ¹¹ Any mode, digital
- ¹² Digital, CW
- ¹³ Digital, CW, SSB
- ¹⁴ AM, FM
- ¹⁵ FM
- ¹⁶ Digital, beacon stations
- ¹⁷ Digital
- ¹⁸ FM, digital voice, repeater stations (input)
- ¹⁹ FM, digital voice, space communication
- ²⁰ FM, digital voice
- ²¹ FM, digital voice, repeater stations (output)
- ²² Any mode, ATV
- ²³ Satellite communication, DATV, data
- ²⁴ Digital, CW, beacon stations
- ²⁵ ATV, DATV
- ²⁶ Repeater input

Info

Telekomunikačný úrad: *Všeobecné povoloňacie podmienky pre amatérske vysielacie rádiové stanice*. <https://www.teleoff.gov.sk/data/files/6322.pdf> (current as of 2015-12-04)

Zbierka Zákonov Slovenskej Republiky: *Vyhláška Úradu pre reguláciu elektronických komunikácií a poštových služieb z 22. augusta 2022, ktorou sa ustanovujú prevádzkové podmienky pre amatérske stanice*. https://www.slov-lex.sk/static/pdf/2022/291/ZZ_2022_291_20220901.pdf (current as of 2022-09-01)

—: *Národná tabuľka frekvenčného spektra 2023*. https://www.slov-lex.sk/pravne-predpisy/prilohy/SK/ZZ/2022/434/20230101_5467240-2.pdf (current as of 2022-12-13)

Slovenia

Implementation				CEPT Novice Licence			
CEPT Licence				ECC/REC/(05)06 implemented			
T/R 61-01 implemented				ERC Report 32 applied			
HAREC				S5/			
T/R 61-02 implemented				/AM, /M, /MM, /P (optional)			
S5/				Class N			
/AM, /M, /MM, /P (optional)							
Class A							
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹	Frequency Range	Power (PEP)	Bandwidth/ Modes ¹	
2200 m	135.700 – 137.800 kHz	1 W EIRP	500 Hz				
630 m	472.000 – 479.000 kHz	5 W EIRP	any				
160 m	1.810 – 2.000 MHz	1.5 kW	any				
80 m	3.500 – 3.800 MHz	1.5 kW	any	3.500 – 3.800 MHz	100 W	any	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any				
40 m	7.000 – 7.200 MHz	1.5 kW	any	7.000 – 7.200 MHz	100 W	any	
30 m	10.100 – 10.150 MHz	300 W	any				
20 m	14.000 – 14.350 MHz	1.5 kW	any				
17 m	18.068 – 18.168 MHz	1.5 kW	any				
15 m	21.000 – 21.450 MHz	1.5 kW	any	21.000 – 21.450 MHz	100 W	any	
12 m	24.890 – 24.990 MHz	1.5 kW	any				
10 m	28.000 – 29.700 MHz	1.5 kW	any	28.000 – 29.700 MHz	100 W	any	
8 m	40.660 – 40.700 MHz	100 W	any				
6 m	50.000 – 52.000 MHz	100 W	any	50.000 – 52.000 MHz	25 W	any	
4 m	70.000 – 70.450 MHz	100 W	any	70.000 – 70.450 MHz	25 W	any	
2 m	144.000 – 146.000 MHz	1.5 kW	any	144.000 – 146.000 MHz	25 W	any	
70 cm	430.000 – 432.000 MHz	50 W	any	430.000 – 440.000 MHz	25 W	any	
	432.000 – 438.000 MHz	1.5 kW	any				
	438.000 – 440.000 MHz	50 W	any				
23 cm	1.240 – 1.300 GHz	300 W	any				
13 cm	2.300 – 2.450 GHz	300 W	any				
9 cm	3.400 – 3.410 GHz	100 W	any				
6 cm	5.650 – 5.830 GHz	100 W	any				
3 cm	10.000 – 10.500 GHz	100 W	any				
1.2 cm	24.000 – 24.250 GHz	50 W	any				
6 mm	47.000 – 48.500 GHz	50 W	any				
4 mm	75.500 – 81.500 GHz	50 W	any				
2.5 mm	122.250 – 123.000 GHz	50 W	any				
2 mm	134.000 – 141.000 GHz	50 W	any				
1.2 mm	241.000 – 250.000 GHz	50 W	any				

Notes

¹ Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

Info

Agencija za komunikacijska omrežja in storitve Republike Slovenije (AKOS-RS): *Splošni akt o načrtu uporabe radijskih frekvenc (NURF-4). General Act on the radio frequency utilisation plan (NURF-4).* https://www.akos-rs.si/fileadmin/user_upload/dokumenti/Javna_posvetovanja_in_razpisi/Nurf/NURF_4.4a.4b.NUPB.pdf (current as of 2020-10-15)

—: *Splošni akt o pogojih za uporabo radijskih frekvenc, namenjenih radioamaterski in radioamaterski satelitski storitvi.* http://pisrs.si/Pis.web/pregledPredpisa?id=AKT_1304 (current as of 2023-01-30)

*South Africa

Implementation	CEPT Licence T/R 61-01 implemented ^{1 2} HAREC T/R 61-02 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	ZS/ Optional digit designating the province: ZS1/ Western Cape ZS2/ Eastern Cape ZS3/ Northern Cape ZS4/ Free State ZS5/ KwaZulu-Natal ZS6/ Gauteng, Limpopo, Mpumalanga, North West			
Extensions	/M			
Equivalent national class	Class A			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	any ³	
630 m	472.000 – 479.000 kHz	5 W EIRP	any ³	
160 m	1.810 – 2.000 MHz	1 kW	any ³	
80 m	3.500 – 3.800 MHz	1 kW	any ³	
60 m	5.290 MHz	400 W	any ³	
	5.350 – 5.3515 MHz	400 W	any ³	
	5.3515 – 5.3665 MHz	15 W EIRP	any ³	
	5.3665 – 5.450 MHz	400 W	any ³	
40 m	7.000 – 7.200 MHz	1 kW	any ³	
30 m	10.100 – 10.150 MHz	400 W	any ³	
20 m	14.000 – 14.350 MHz	1 kW	any ³	
17 m	18.068 – 18.168 MHz	1 kW	any ³	
15 m	21.000 – 21.450 MHz	1 kW	any ³	
12 m	24.890 – 24.990 MHz	1 kW	any ³	
10 m	28.000 – 29.700 MHz	1 kW	any ³	
6 m	50.000 – 53.000 MHz	1 kW	any ³	
	53.000 – 54.000 MHz	400 W	any ³	
4 m	70.000 – 70.300 MHz	400 W	any ³	
2 m	144.000 – 146.000 MHz	1 kW	any ³	
70 cm	430.000 – 440.000 MHz	1 kW	any ³	
23 cm	1.240 – 1.300 GHz	1 kW	any ⁴	
13 cm	2.300 – 2.450 GHz	400 W	any ⁴	
9 cm				
6 cm	5.650 – 5.850 GHz	400 W	any ⁴	
3 cm	10.000 – 10.500 GHz	400 W	any	
1.2 cm	24.000 – 24.250 GHz	400 W	any	
6 mm	47.000 – 47.200 GHz	400 W	any	
4 mm	76.000 – 81.500 GHz	400 W	any	
2.5 mm	122.250 – 123.000 GHz	400 W	any	
2 mm	134.000 – 141.000 GHz	400 W	any	
1.2 mm	241.000 – 250.000 GHz	400 W	any	

Notes

- ¹ Guest licence and landing permission required for SANAE base in Antarctica (ZS7), Prince Edward Island and Marion Island (ZS8)
- ² According to the South African Radio League (SARL), visitors from CEPT countries must inform the SARL of their visit, dates and contact details while in South Africa. This information should be supplied at least one week before the visit to admin@sarl.org.za.
- ³ Any mode except pulse or fast scan TV
- ⁴ Any mode except pulse

Info

South African Radio League (SARL): *Amateur radio frequency bands*.

<http://www.sarl.org.za/Web3/Members/DoDocDownload.aspx?X=20150826225225XIPBDpvPP.PDF> (current as of 2015-04-05)

—: *Guest / Reciprocal Licensing*. <http://www.sarl.org.za/public/licences/guest.asp> (current as of 2024-01-24)

Independent Communications Authority of South Africa (ICASA): *National Radio Frequency Plan 2021 (NRFP-21)*.

<https://www.icasa.org.za/uploads/files/National-Radio-Frequency-Plan-2021.pdf> (current as of 2022-03-15)

Spain

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	HAREC T/R 61-02 implemented EA/ Optional digit designating the district: EA1/ Asturias, Ávila, Burgos, Cantabria, La Coruña, La Rioja, León, Lugo, Orense, Palencia, Pontevedra, Salamanca, Segovia, Soria, Valladolid, Zamora EA2/ Álava, Guipúzcoa, Huesca, Navarra, Teruel, Vizcaya, Zaragoza EA3/ Barcelona, Girona, Lleida, Tarragona EA4/ Badajoz, Cáceres, Ciudad Real, Cuenca, Guadalajara, Madrid, Toledo EA5/ Albacete, Alicante, Castellón, Murcia, Valencia EA6/ Baleares EA7/ Almería, Cádiz, Córdoba, Granada, Huelva, Jaén, Málaga, Sevilla EA8/ Las Palmas, Santa Cruz de Tenerife EA9/ Ceuta, Melilla			
Extensions	/M, /MA [móvil aeronáutica], /MM, /P (optional)			
Equivalent national class	CEPT			
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes¹	
2200 m	135.700 – 137.800 kHz	1 W EIRP	200 Hz	
630 m	472.000 – 479.000 kHz	1 W EIRP ²	any	
160 m	1.810 – 1.830 MHz	500 W	6 kHz	
	1.830 – 1.850 MHz	1 kW	6 kHz	
	1.850 – 2.000 MHz ³	1 kW	6 kHz	
80 m	3.500 – 3.800 MHz	1 kW	6 kHz	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	3 kHz	
40 m	7.000 – 7.200 MHz	1 kW	6 kHz	
30 m	10.100 – 10.150 MHz	500 W	6 kHz	
20 m	14.000 – 14.350 MHz	1 kW	6 kHz	
17 m	18.068 – 18.168 MHz	1 kW	6 kHz	
15 m	21.000 – 21.450 MHz	1 kW	6 kHz	
12 m	24.890 – 24.990 MHz	1 kW	6 kHz	
10 m	28.000 – 29.700 MHz	1 kW	6 kHz	
8 m ⁴	40.650 – 40.750 MHz	25 W	any	
6 m ⁵	50.000 – 52.000 MHz	600 W	16 kHz	
4 m	70.150 – 70.250 MHz	600 W	16 kHz	
2 m	144.000 – 146.000 MHz	600 W ⁶	16 kHz	
70 cm	430.000 – 440.000 MHz	300 W ⁶	16 kHz	
23 cm	1.240 – 1.300 GHz	500 W EIRP	any	
13 cm	2.300 – 2.316 GHz ⁷	500 W EIRP	any	
	2.316 – 2.332 GHz	500 W EIRP	any ⁸	
	2.332 – 2.450 GHz ⁹	500 W EIRP	any	
9 cm	5.650 – 5.700 GHz ⁷	500 W EIRP	any	
6 cm	5.700 – 5.720 GHz	500 W EIRP	any	
	5.720 – 5.760 GHz ⁷	500 W EIRP	any	
	5.760 – 5.762 GHz	500 W EIRP	any	
	5.762 – 5.850 GHz ⁷	500 W EIRP	any	
3 cm	10.000 – 10.500 GHz	500 W EIRP	any	
1.2 cm	24.000 – 24.050 GHz	1 kW EIRP	any	
	24.050 – 24.250 GHz ⁷	500 W EIRP	any	
6 mm	47.000 – 47.200 GHz	1 kW EIRP	any	
4 mm	76.000 – 77.500 GHz ⁷	1 kW EIRP	any	
	77.500 – 78.000 GHz	1 kW EIRP	any	
	78.000 – 81.000 GHz ⁷	1 kW EIRP	any	
2.5 mm ⁴	122.250 – 123.000 GHz	500 W EIRP	any	
2 mm	134.000 – 136.000 GHz	1 kW EIRP	any	
	136.000 – 141.000 GHz ⁷	500 W EIRP	any	
1.2 mm	241.000 – 248.000 GHz	1 kW EIRP	any	
	248.000 – 250.000 GHz ⁷	500 W EIRP	any	

Notes

¹ Bandwidth and modes according to the IARU Region 1 band plan (please refer to the list at the end of this document)

² 5 W EIRP in geographical areas with a distance of more than 800 km from the African continent

³ Contest operation only in international contests (temporarily approved until 2024-12-26)

- ⁴ Special permission required (for Spanish licence holders only)
- ⁵ Antennas with a gain of <6 dB
- ⁶ 1 kW PEP for EME and MS communication
- ⁷ Special permission required (for Spanish licence holders only)
- ⁸ 2.320–2.321 GHz: no FM operation permitted
- ⁹ Special permission required (for Spanish licence holders only), except 2.400,050–2.410,000 GHz (1500 W EIRP/directional antenna with a gain of >21.5 dBi): satellite communication via Es'Hail 2 (QO-100) allowed without special permission (temporarily approved until 2024-12-26)

Info

Ministerio de Industria, Energía y Turismo: *Orden IET/1311/2013, de 9 de julio, por la que se aprueba el Reglamento de uso del dominio público radioeléctrico por radioaficionados*. <https://www.boe.es/boe/dias/2013/07/12/pdfs/BOE-A-2013-7624.pdf> (current as of 2013-07-12)

—: *Resolución de 25 de junio de 2015, de la Secretaría de Estado de Telecomunicaciones y para la Sociedad de la Información, por la que se publican los requisitos técnicos de las interfaces reglamentadas IR-46 a IR-54 e IR-56 a IR-67 relativas a los equipos de radioaficionados*. <https://www.boe.es/boe/dias/2015/07/09/pdfs/BOE-A-2015-7704.pdf> (current as of 2015-07-09)

—: *Resolución de 3 de noviembre de 2015, de la Secretaría de Estado de Telecomunicaciones y para la Sociedad de la Información, por la que se publican los requisitos técnicos de las interfaces reglamentadas IR- 240 a IR- 257 relativas a los equipos de radioaficionados por satélite*. <https://www.boe.es/boe/dias/2015/11/13/pdfs/BOE-A-2015-12281.pdf> (current as of 2015-11-13)

—: *Resolución de 6 de noviembre de 2015, de la Secretaría de Estado de Telecomunicaciones y para la Sociedad de la Información, por la que se publican los requisitos técnicos de las interfaces reglamentadas IR- 234 a IR- 239, relativas a los equipos de radioaficionados*. <https://www.boe.es/boe/dias/2015/11/20/pdfs/BOE-A-2015-12559.pdf> (current as of 2015-11-20)

Ministerio de Asuntos Económicos y Transformación Digital: *Orden ETD/625/2023, de 12 de junio, por la que se modifica la Orden ETD/1449/2021, de 16 de diciembre, por la que se aprueba el Cuadro Nacional de Atribución de Frecuencias*. <https://www.boe.es/boe/dias/2023/06/16/pdfs/BOE-A-2023-14422.pdf> (current as of 2023-06-12)

Unión Radioaficionados Españoles: *Bandas atribuidas*. <https://www.ure.es/bandas-atribuidas> (current as of 2023-01-09)

—: *Resolución de la Secretaría de Estado de Telecomunicaciones e Infraestructuras Digitales por la que se autoriza la realización, en determinadas condiciones y con carácter temporal y experimental, de emisiones del servicio de aficionados en la banda de frecuencias 2400 a 2410 MHz por titulares de autorizaciones de radioaficionado*. <https://www.ure.es/?wpdmdl=1483546> (current as of 2024-01-09)

—: *Resolución de la Secretaría de Estado de Telecomunicaciones e Infraestructuras Digitales por la que se autoriza, en determinadas condiciones y con carácter temporal y experimental, la utilización de frecuencias en la banda de 1800 kHz por titulares de autorizaciones de radioaficionado*. <https://www.ure.es/?wpdmdl=753763> (current as of 2024-01-09)

—: *Resolución de la Secretaría de Estado de Telecomunicaciones e Infraestructuras Digitales por la que se autoriza, en determinadas condiciones y con carácter temporal y experimental, el uso de la banda de frecuencias de 40 MHz (8 metros) por titulares de autorizaciones de radioaficionado*. <https://www.ure.es/?wpdmdl=1503648> (current as of 2024-04-02)

Sweden

Implementation	CEPT Licence T/R 61-01 implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	HAREC T/R 61-02 implemented SM/ or SA/ Optional digit designating the region (län): SM1/ Gotland SM2/ Norrbotten, Västerbotten SM3/ Gävleborg, Jämtland, Västernorrland SM4/ Dalarna, Örebro, Värmland SM5/ Östergötland, Södermanland, Uppsala, Västmanland SM6/ Halland, Västra Götaland SM7/ Blekinge, Jönköping, Kalmar, Kronoberg, Skåne SMØ/ Stockholm		
Extensions	/M, /P (optional)		
Equivalent national class	Class 1/HAREC		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	any
630 m	472.000 – 479.000 kHz	1 W EIRP	any
160 m	1.810 – 1.850 MHz	200 W ¹	any
	1.850 – 1.900 MHz	10 W	any
	1.900 – 1.950 MHz	100 W	any
	1.950 – 2.000 MHz	10 W	any
80 m	3.500 – 3.800 MHz	200 W ¹	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any
40 m	7.000 – 7.200 MHz	200 W ¹	any
30 m	10.100 – 10.150 MHz	150 W	any
20 m	14.000 – 14.350 MHz	200 W ¹	any
17 m	18.068 – 18.168 MHz	200 W ¹	any
15 m	21.000 – 21.450 MHz	200 W ¹	any
12 m	24.890 – 24.990 MHz	200 W ¹	any
10 m	28.000 – 29.700 MHz	200 W ¹	any
6 m	50.000 – 52.000 MHz	200 W	any
4 m			
2 m	144.000 – 146.000 MHz	200 W ¹	any
70 cm	432.000 – 438.000 MHz	200 W ¹	any
23 cm	1.240 – 1.300 GHz	200 W ¹	any
13 cm	2.400 – 2.450 GHz	100 mW	any
9 cm			
6 cm	5.650 – 5.850 GHz	200 W ¹	any
3 cm	10.000 – 10.500 GHz	200 W ¹	any
1.2 cm	24.000 – 24.250 GHz	200 W ¹	any
6 mm	47.000 – 47.200 GHz	200 W ¹	any
4 mm	75.500 – 81.000 GHz	200 W ¹	any
2.5 mm	122.250 – 123.000 GHz	200 W ¹	any
2 mm	134.000 – 141.000 GHz	200 W ¹	any
1.2 mm	241.000 – 250.000 GHz	200 W ¹	any

Notes

¹ 1 kW PEP on application, special permission required, issued per calendar year (temporarily approved until 2026-12-31)

Info

Post- och telestyrelsen (PTS): *Post- och telestyrelsens allmänna råd (PTSFS 2019:1) om den svenska frekvensplanen.*

https://pts.se/contentassets/dd03b7d4f64543dabddb305f96a54ea2/pts_allmanna-rad-om-den-svenska-frekvensplanen-ptsfs2019-1.pdf (current as of 2019-06-17)

—: *Amateur radio licences in Sweden.* <https://pts.se/contentassets/8a829f8840544a8d9e83f3c69f0eaa70/amateur-radio-in-sweden-1.pdf> (current as of 2022-07-01)

—: *Amatörradio med effekt tillförd antennsystemet på upp till 1000 W (p.e.p.).* <https://radiotillstand.pts.se/amateur/create> (current as of 2024-06-14)

Switzerland

Implementation	CEPT Licence T/R 61-01 implemented			CEPT Novice Licence ECC/REC/(05)06 implemented		
	HAREC T/R 61-02 implemented			ERC Report 32 applied		
Call sign prefix	HB9/			HB3/		
Extensions	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Equivalent national class	CEPT Concession			Class 3 Concession ¹		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	any			
630 m	472.000 – 479.000 kHz	5 W EIRP	any			
160 m	1.810 – 2.000 MHz	1 kW	any	1.810 – 2.000 MHz	100 W	any
80 m	3.500 – 3.800 MHz	1 kW	any	3.500 – 3.800 MHz	100 W	any
60 m	5.3515 – 5.3665 MHz	15 W EIRP	any			
40 m	7.000 – 7.200 MHz	1 kW	any			
30 m	10.100 – 10.150 MHz	1 kW	any			
20 m	14.000 – 14.350 MHz	1 kW	any			
17 m	18.068 – 18.168 MHz	1 kW	any			
15 m	21.000 – 21.450 MHz	1 kW	any	21.000 – 21.450 MHz	100 W	any
12 m	24.890 – 24.990 MHz	1 kW	any			
10 m	28.000 – 29.700 MHz	1 kW	any	28.000 – 29.700 MHz	100 W	any
6 m	50.000 – 52.000 MHz	100 W	any			
4 m	70.000 – 70.0375 MHz	25 W ERP	any			
	70.1125 – 70.500 MHz	25 W ERP	any			
2 m	144.000 – 146.000 MHz	1 kW	any	144.000 – 146.000 MHz	50 W	any
70 cm	430.000 – 440.000 MHz	1 kW	any	430.000 – 440.000 MHz	50 W	any
23 cm	1.240 – 1.260 GHz ²	1 kW	any			
	1.260 – 1.270 GHz ³	1 kW	any			
	1.270 – 1.300 GHz	1 kW	any			
13 cm	2.300 – 2.308 GHz ²	100 W	any			
	2.308 – 2.312 GHz	100 W	any			
	2.312 – 2.450 GHz ²	100 W	any			
9 cm	5.650 – 5.670 GHz ^{2,3}	100 W	any			
6 cm	5.670 – 5.725 GHz ²	100 W	any			
	5.725 – 5.850 GHz	100 W	any			
3 cm	10.000 – 10.500 GHz	100 W	any			
1.2 cm	24.000 – 24.250 GHz	10 W	any			
6 mm	47.000 – 47.200 GHz	10 W	any			
4 mm	76.000 – 81.500 GHz	10 W	any			
2.5 mm	122.250 – 123.000 GHz	10 W	any			
2 mm	134.000 – 141.000 GHz	10 W	any			
1.2 mm	241.000 – 250.000 GHz	10 W	any			

Notes

- ¹ Only unmodified commercial transmitters permitted
- ² Special permission required
- ³ Satellite communication (uplink) only

Info

Bundesamt für Kommunikation (BAKOM): *Auszug aus dem Fernmeldegesetz und den entsprechenden Verordnungen. Auszug aus den Bestimmungen des Radioreglements für den Amateurfunk.*

[https://www.bakom.admin.ch/dam/bakom/de/dokumente/bakom/frequenzen_und_antennen/Frequenznutzung mit oder ohne Konzessionen/Amateurfunk/vorschriften_fueramateurfunk.pdf.download.pdf/vorschriften_fueramateurfunk.pdf](https://www.bakom.admin.ch/dam/bakom/de/dokumente/bakom/frequenzen_und_antennen/Frequenznutzung%20mit%20oder%20ohne%20Konzessionen/Amateurfunk/vorschriften_fueramateurfunk.pdf.download.pdf/vorschriften_fueramateurfunk.pdf) (current as of 2019-01-22)

—: *National Frequency Allocation Plan online.* <https://www.ofcomnet.ch/#/fatTable> (current as of 2022-04-13)

—: *Verordnung des BAKOM über die Nutzung des Funkfrequenzspektrums.* <https://www.fedlex.admin.ch/eli/cc/2020/914/de> (current as of 2024-06-01)

Türkiye

Implementation	CEPT Licence T/R 61-01 implemented ¹ HAREC T/R 61-02 implemented			CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	TA1/ Çanakkale Avrupa, Edirne, İstanbul Avrupa, Kırklareli, Tekirdağ TA2/ Ankara, Bartın, Bilecik, Bolu, Düzce, Eskişehir, İstanbul Asya, Karabük, Kırıkkale, Kocaeli, Sakarya, Yalova, Zonguldak TA3/ Balıkesir, Bursa, Çanakkale Asya, İzmir, Manisa TA4/ Afyonkarahisar, Antalya, Aydın, Burdur, Denizli, Isparta, Kütahya, Muğla, Uşak TA5/ Adana, Aksaray, Hatay, Karaman, Konya, Mersin, Nevşehir, Niğde, Osmaniye TA6/ Amasya, Çankırı, Çorum, Kastamonu, Kırşehir, Samsun, Sinop, Tokat, Yozgat TA7/ Bayburt, Erzincan, Giresun, Gümüşhane, Kayseri, Ordu, Sivas, Trabzon, Tunceli TA8/ Adıyaman, Bingöl, Diyarbakır, Elâzığ, Gaziantep, Kahramanmaraş, Kilis, Malatya, Mardin, Şanlıurfa, Şırnak TA9/ Ağrı, Ardahan, Artvin, Batman, Bitlis, Erzurum, Hakkâri, Iğdır, Kars, Muş, Rize, Siirt, Van TAØ/ Islands			
Extensions	CEPT Licence with CW examination (5 wpm): Class A CEPT Licence without CW examination: Class B HAREC: Class B			
Equivalent national class²				
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	
2200 m	135.700 – 137.800 kHz	1 W EIRP	A1A, A1B, A1D	
630 m	472.000 – 479.000 kHz	5 W EIRP	A1A, A1B, A1D	
160 m	1.810 – 1.832 MHz	400 W	A1A, A1D	
	1.832 – 1.835 MHz	400 W	A1A, A1D, J3E	
	1.835 – 1.850 MHz	400 W	A1A, A1D	
80 m	3.500 – 3.800 MHz	400 W	³	
60 m	5.3515 – 5.3665 MHz	15 W EIRP	³	
40 m	7.000 – 7.200 MHz	400 W	³	
30 m	10.100 – 10.150 MHz	100 W	CW, digital	
20 m	14.000 – 14.350 MHz	400 W	³	
17 m	18.068 – 18.168 MHz	400 W	³	
15 m	21.000 – 21.450 MHz	400 W	³	
12 m	24.890 – 24.990 MHz	400 W	³	
10 m	28.000 – 29.700 MHz	400 W	^{4 5}	
6 m	50.000 – 52.000 MHz	100 W	⁴	
4 m				
2 m	144.000 – 146.000 MHz	400 W/5 W ⁶	⁴	
70 cm	430.200 – 430.700 MHz	400 W	⁴	
	431.550 – 431.825 MHz	400 W	⁴	
	432.000 – 432.975 MHz	400 W/5 W ⁶	⁴	
	433.400 – 433.575 MHz	400 W	⁴	
	435.000 – 437.975 MHz	400 W	⁴	
	439.150 – 439.425 MHz	400 W	⁴	
23 cm	1.240 – 1.300 GHz	400 W/5 W ⁶	⁴	
13 cm				
9 cm				
6 cm	5.650 – 5.670 GHz	400 W	⁴	
	5.820 – 5.850 GHz	400 W	⁴	
3 cm	10.450 – 10.452 GHz	400 W	⁴	
1.2 cm	24.000 – 24.050 GHz	400 W	⁴	
6 mm	47.000 – 47.200 GHz	400 W	⁴	
4 mm	75.500 – 76.000 GHz	400 W	⁴	
2.5 mm				
2 mm	134.000 – 142.000 GHz	400 W	⁴	
1.2 mm				

Notes

¹ Copies of the official letters from the Undersecretariat of Customs (<http://www.tcswat.org/images/Customs.gif>), the Police Headquarters (<https://www.tcswat.org/images/EGM.pdf>) and the Telecommunications Authority (TK)

(<http://www.tcsbat.org/images/TK.gif> and <https://www.tcsbat.org/images/TK2.gif>) should be printed out and presented at the customs.

² According to CEPT Recommendation T/R 61-01, a CW examination is required for the use of hf bands (below 30 MHz).

³ A1A, A1B, A1D, A2A, A3J, F1A, F1D, F2B, F2A, H3E, J2A, J2B, J2D, J3C, J3E, R3E

⁴ A1A, A1B, A1D, A2A, A2B, A3J, A3F, J3F, F1A, F1D, F2B, F2A, F2B, F3E, F3F, G3E, H3E, J2A, J2B, J2C, J2D, J3E, J3F, R3E

⁵ F3E, G3E only 29.500–29.700 MHz

⁶ 5 W PEP for FM with handheld equipment

Info

Bilgi Teknolojileri ve İletişim Kurulu (BTK): *Amatör Telsiz Arayüz Özellikleri Dokümanları*.

<https://www.btk.gov.tr/uploads/boarddecisions/telsiz-arayuz-dokumanlari/247-web.pdf> (current as of 2018-07-23)

—: *Amatör Sistemleri Telsiz Arayüz Özellikleri Dokümanları*. <https://www.btk.gov.tr/uploads/pages/amator-sistemleri-tad.pdf> (current as of 2018-12-28)

—: *Milli frekans planı*. <https://www.btk.gov.tr/uploads/pages/milli-frekans-planı-23012023.pdf> (current as of 2023-01-23)

Türkiye Radyo Amatörleri Cemiyeti (TRAC): *Foreign operators*. <https://trac.org.tr/tr/foreign-operators> (current as of 2023-02-08)

Giresun Telsiz Radyo Amatörleri Derneği (GİTRAD): *Amatör Cihaz ve Sistemleri Teknik Ölçütleri ve Band Planı*. <https://gitrad.org.tr/wp-content/uploads/2023/05/fremi.pdf> (current as of 2023-05-13)



Ukraine

Implementation	CEPT Licence			CEPT Novice Licence		
	T/R 61-01 implemented			ECC/REC/(05)06 implemented according to national amateur radio regulations, but Ukraine not included in the List of CEPT Countries (ECC/REC/(05)/06, Annex 2)		
	HAREC			ERC Report 32 applied		
	T/R 61-02 implemented			UT/		
Call sign prefix	/AM, /M, /MM, /P (optional)			/AM, /M, /MM, /P (optional)		
Extensions	Category A			Category B		
Equivalent national class						
Band	Frequency Range	Power (PEP)	Bandwidth/Modes ¹	Frequency Range	Power (PEP)	Bandwidth/Modes ¹
2200 m	135.700 – 137.800 kHz	1 W EIRP	CW, digital			
630 m	1.810 – 1.838 MHz	100 W	CW	1.810 – 1.838 MHz	50 W	CW
160 m	1.838 – 1.840 MHz	100 W	CW, digital	1.838 – 1.840 MHz	50 W	CW, digital
	1.840 – 1.842 MHz	100 W	CW, SSB, digital	1.840 – 1.842 MHz	50 W	CW, SSB, digital
	1.842 – 1.850 MHz	100 W	CW, SSB	1.842 – 1.850 MHz	50 W	CW, SSB
	1.850 – 1.900 MHz	10 W	CW, SSB	1.850 – 1.900 MHz	5 W	CW, SSB
	1.900 – 2.000 MHz	10 W	CW, SSB, AM	1.900 – 2.000 MHz	5 W	CW, SSB, AM
80 m	3.500 – 3.573 MHz	200 W	CW	3.500 – 3.573 MHz	100 W	CW
	3.573 – 3.600 MHz	200 W	CW, digital	3.573 – 3.600 MHz	100 W	CW, digital
	3.600 – 3.620 MHz	200 W	CW, SSB, digital	3.600 – 3.620 MHz	100 W	CW, SSB, digital
	3.620 – 3.730 MHz	200 W	CW, SSB	3.620 – 3.700 MHz	100 W	CW, SSB
	3.730 – 3.740 MHz	200 W	CW, SSB, SSTV	3.730 – 3.740 MHz	100 W	SSTV
	3.740 – 3.800 MHz	200 W	CW, SSB			
60 m	7.000 – 7.040 MHz	200 W	CW	7.000 – 7.040 MHz	100 W	CW
40 m	7.040 – 7.050 MHz	200 W	CW, digital, SSTV	7.040 – 7.050 MHz	100 W	CW, digital, SSTV
	7.050 – 7.080 MHz	200 W	CW, SSB, digital, SSTV	7.050 – 7.080 MHz	100 W	CW, SSB, digital, SSTV
	7.080 – 7.200 MHz	200 W	CW, SSB	7.080 – 7.100 MHz	100 W	CW, SSB
30 m	10.100 – 10.140 MHz	200 W	CW	10.100 – 10.140 MHz	100 W	CW
	10.140 – 10.150 MHz	200 W	CW, digital	10.140 – 10.150 MHz	100 W	CW, digital
20 m	14.000 – 14.070 MHz	200 W	CW	14.000 – 14.070 MHz	100 W	CW
	14.070 – 14.099 MHz	200 W	CW, digital	14.070 – 14.099 MHz	100 W	CW, digital
	14.099 – 14.101 MHz ²			14.099 – 14.101 MHz ²		
	14.101 – 14.112 MHz	200 W	CW, SSB, digital	14.101 – 14.112 MHz	100 W	CW, digital
	14.112 – 14.225 MHz	200 W	CW, SSB	14.112 – 14.250 MHz	100 W	CW
	14.225 – 14.235 MHz	200 W	CW, SSB, SSTV			
	14.235 – 14.350 MHz	200 W	CW, SSB	18.068 – 18.100 MHz	100 W	CW
17 m	18.068 – 18.100 MHz	200 W	CW	18.100 – 18.109 MHz	100 W	CW, digital
	18.100 – 18.109 MHz	200 W	CW, digital	18.109 – 18.111 MHz ²		
	18.109 – 18.111 MHz ²			18.111 – 18.168 MHz	100 W	CW, SSB
	18.111 – 18.168 MHz	200 W	CW, SSB	21.000 – 21.074 MHz	100 W	CW
15 m	21.000 – 21.074 MHz	200 W	CW	21.074 – 21.120 MHz	100 W	CW, digital
	21.074 – 21.120 MHz	200 W	CW, digital	21.120 – 21.149 MHz	100 W	CW
	21.120 – 21.149 MHz	200 W	CW	21.149 – 21.151 MHz ²		
	21.149 – 21.151 MHz ²			21.151 – 21.250 MHz	100 W	CW, SSB
	21.151 – 21.335 MHz	200 W	CW, SSB	21.250 – 21.450 MHz	100 W	CW
	21.335 – 21.345 MHz	200 W	CW, SSB, SSTV			
	21.345 – 21.450 MHz	200 W	CW, SSB	24.890 – 24.915 MHz	100 W	CW
12 m	24.890 – 24.915 MHz	200 W	CW	24.915 – 24.929 MHz	100 W	CW, digital
	24.915 – 24.929 MHz	200 W	CW, digital	24.929 – 24.931 MHz ²		
	24.929 – 24.931 MHz ²			24.931 – 24.990 MHz	100 W	CW, SSB
	24.931 – 24.990 MHz	200 W	CW, SSB	28.000 – 28.070 MHz	100 W	CW
10 m	28.000 – 28.070 MHz	200 W	CW	28.070 – 28.150 MHz	100 W	CW, digital
	28.070 – 28.150 MHz	200 W	CW, digital	28.150 – 28.199 MHz	100 W	CW
	28.150 – 28.199 MHz	200 W	CW	28.199 – 28.201 MHz ²		
	28.199 – 28.201 MHz ²			28.201 – 28.300 MHz	100 W	CW, SSB
	28.201 – 28.300 MHz	200 W	CW, SSB	28.300 – 28.320 MHz	100 W	CW, SSB, digital
	28.300 – 28.320 MHz	200 W	CW, SSB, digital			
	28.320 – 28.675 MHz	200 W	CW, SSB	28.320 – 28.675 MHz	100 W	CW, SSB

6 m	28.675 – 28.685 MHz	200 W	CW, SSB, SSTV	28.675 – 28.685 MHz	100 W	CW, SSB, SSTV
	28.685 – 28.800 MHz	200 W	CW, SSB	28.685 – 28.800 MHz	100 W	CW, SSB
	28.800 – 29.200 MHz	200 W	CW, SSB, AM	28.800 – 29.200 MHz	100 W	CW, SSB, AM
	29.200 – 29.300 MHz	200 W	CW, SSB, AM, digital	29.200 – 29.300 MHz	100 W	CW, SSB, AM, digital
	29.300 – 29.510 MHz ³	200 W		29.300 – 29.510 MHz ³	100 W	
	29.510 – 29.520 MHz ⁴			29.510 – 29.520 MHz ⁴		
	29.520 – 29.700 MHz	200 W	CW, SSB, FM	29.520 – 29.700 MHz	100 W	CW, SSB, FM
	50,000 – 50,080 MHz ²					
	50,080 – 50,100 MHz	50 W	CW			
	50,100 – 50,300 MHz	50 W	CW, SSB			
	50,300 – 50,400 MHz	50 W	digital			
	50,400 – 50,500 MHz	50 W	CW, digital			
	50,500 – 52,000 MHz	50 W	CW, SSB, digital			
4 m 2 m	144.000 – 144.035 MHz ⁵	5 W		144.035 – 144.110 MHz	5 W	CW
	144.035 – 144.110 MHz	5 W	CW	144.110 – 144.150 MHz	5 W	CW, digital
	144.110 – 144.150 MHz	5 W	CW, digital	144.150 – 144.180 MHz	5 W	CW, SSB, digital
	144.150 – 144.180 MHz	5 W	CW, SSB, digital	144.180 – 144.360 MHz	5 W	CW, SSB
	144.180 – 144.360 MHz	5 W	CW, SSB	144.360 – 144.399 MHz	5 W	CW, SSB, digital
	144.360 – 144.399 MHz	5 W	CW, SSB, digital	144.400 – 144.490 MHz ²		
	144.400 – 144.490 MHz ²			144.500 – 144.794 MHz	5 W	CW, SSB, FM, digital, SSTV, RTTY
	144.500 – 144.794 MHz	5 W	CW, SSB, FM, digital, SSTV, RTTY	144.794 – 144.994 MHz	5 W	digital
	144.794 – 144.994 MHz	5 W	digital	145.194 – 145.806 MHz	5 W	FM, digital
	145.194 – 145.806 MHz	5 W	FM, digital	145.806 – 146.000 MHz ³	5 W	
	145.806 – 146.000 MHz ³	5 W				
	430.000 – 432.000 MHz	5 W	FM, digital	430.000 – 432.000 MHz	5 W	FM, digital
	432.000 – 432.025 MHz ⁵	5 W		432.025 – 432.100 MHz	5 W	CW
	432.025 – 432.100 MHz	5 W	CW	432.100 – 432.500 MHz	5 W	CW, SSB, digital
	432.100 – 432.500 MHz	5 W	CW, SSB, digital	432.500 MHz	5 W	SSTV
70 cm	432.500 MHz	5 W	SSTV	432.500 – 433.394 MHz	5 W	CW, SSB, FM, AM, digital
	432.500 – 433.394 MHz	5 W	CW, SSB, FM, AM, digital	433.394 – 433.400 MHz	5 W	FM
	433.394 – 433.400 MHz	5 W	FM	433.400 MHz	5 W	SSTV
	433.400 MHz	5 W	SSTV	433.400 – 433.500 MHz	5 W	FM
	433.400 – 433.500 MHz	5 W	FM	433.500 MHz	5 W	FM, digital
	433.500 MHz	5 W	FM, digital	433,500 – 433.581 MHz	5 W	CW, FM, digital
	433,500 – 433,581 MHz	5 W	CW, FM, digital	433.581 – 435.000 MHz	5 W	CW, SSB, FM, AM, digital
	433,581 – 435,000 MHz	5 W	CW, SSB, FM, AM, digital	435.000 – 438.000 MHz ³	5 W	digital
	435.000 – 438.000 MHz ³	5 W		438.000 – 438.025 MHz	5 W	FM
	438.000 – 438.025 MHz	5 W	FM	438.025 – 438.175 MHz	5 W	FM, digital
	438.025 – 438.175 MHz	5 W	FM, digital	438.175 – 440.000 MHz	5 W	FM
	438.175 – 440.000 MHz	5 W	FM			
23 cm 13 cm 9 cm 6 cm	5.650 – 5.660 GHz	5 W	CW, SSB, FM	5.650 – 5.670 GHz	5 W	CW, SSB, FM
	5.660 – 5.670 GHz ⁶	5 W	CW, SSB, FM			
	5.830 – 5.850 GHz ⁶	5 W				
	10.100 – 10.150 GHz	5 W	CW, SSB, FM	10.100 – 10.150 GHz	5 W	CW, SSB, FM
	24.000 – 24.050 GHz	5 W	CW, SSB, FM	24.000 – 24.050 GHz	5 W	CW, SSB, FM
	47.000 – 47.200 GHz	5 W	CW, SSB, FM	47.000 – 47.200 GHz	5 W	CW, SSB, FM
	76.000 – 81.000 GHz	5 W	CW, SSB, FM	76.000 – 81.000 GHz	5 W	CW, SSB, FM
	122.250 – 123.000 GHz	5 W	CW, SSB, FM	122.250 – 123.000 GHz	5 W	CW, SSB, FM
	134.000 – 141.000 GHz	5 W	CW, SSB, FM	134.000 – 141.000 GHz	5 W	CW, SSB, FM
	241.000 – 250.000 GHz	5 W	CW, SSB, FM	241.000 – 250.000 GHz	5 W	CW, SSB, FM
3 cm 1.2 cm 6 mm 4 mm 2.5 mm 2 mm 1.2 mm						

Notes

- ¹ Bandwidth and modes according to IARU Region 1 band plan (please refer to the list at the end of this document)
- ² Beacon stations, reception only
- ³ Satellite communication
- ⁴ Guard channel
- ⁵ EME communication
- ⁶ Satellite, EME communication

Info

National Commission for the State Regulation of Communications and Informatization: *Postanova pro zatverdzenya Rehlamentu amators'koho radiozv'yazku Ukrainy*. <https://zakon.rada.gov.ua/laws/show/z1106-23> (current as of 2023-06-29)

Kabinet Ministriv Ukraini: *Natsional'na tablyta rozpodilu smuh radiochastot Ukrainy*. <https://zakon.rada.gov.ua/laws/file/text/111/f531833n283.docx> (current as of 2023-12-19)



United Kingdom of Great Britain and Northern Ireland

Implementation¹	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 implemented		CEPT Novice Licence ECC/REC/(05)06 not implemented
Call sign prefix	M/ England MD/ Isle of Man MI/ Northern Ireland MJ/ Jersey MM/ Scotland MU/ Guernsey MW/ Wales		
Extensions	/M, /MM, /P (optional)		
Equivalent national class	Full Licence		
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m	135.700 – 137.800 kHz	1 W ERP	any
630 m	472.000 – 479.000 kHz	5 W EIRP	any
160 m	1.810 – 1.850 MHz	1 kW	any
	1.850 – 2.000 MHz	32 W	any
80 m	3.500 – 3.800 MHz	1 kW	any
60 m ²	5.2585 – 5.264 MHz	100 W ³	6 kHz
	5.276 – 5.284 MHz	100 W ³	6 kHz
	5.2885 – 5.292 MHz	100 W ³	6 kHz
	5.298 – 5.307 MHz	100 W ³	6 kHz
	5.313 – 5.323 MHz	100 W ³	6 kHz
	5.333 – 5.338 MHz	100 W ³	6 kHz
	5.354 – 5.358 MHz	100 W ³	6 kHz
	5.362 – 5.3745 MHz	100 W ³	6 kHz
	5.378 – 5.382 MHz	100 W ³	6 kHz
	5.395 – 5.4015 MHz	100 W ³	6 kHz
	5.4035 – 5.4065 MHz	100 W ³	6 kHz
40 m	7.000 – 7.200 MHz	1 kW	any
30 m	10.100 – 10.150 MHz	400 W	any
20 m	14.000 – 14.350 MHz	1 kW	any
17 m	18.068 – 18.168 MHz	1 kW	any
15 m	21.000 – 21.450 MHz	1 kW	any
12 m	24.890 – 24.990 MHz	1 kW	any
10 m	28.000 – 29.700 MHz	1 kW	any
6 m	50.000 – 51.000 MHz	1 kW	any
	51.000 – 52.000 MHz	100 W	any
4 m	70.000 – 70.500 MHz	160 W	any
2 m	144.000 – 146.000 MHz	1 kW	any
70 cm	430.000 – 432.000 MHz ⁴	40 W ERP	any
	432.000 – 440.000 MHz	400 W	any
23 cm	1.240 – 1.325 GHz	400 W	any
13 cm	2.310 – 2.350 GHz	400 W	any
	2.390 – 2.450 GHz	400 W	any
9 cm	3.400 – 3.410 GHz	400 W	any
6 cm	5.650 – 5.680 GHz	400 W	any
	5.755 – 5.765 GHz	400 W	any
	5.820 – 5.850 GHz	400 W	any
3 cm	10.000 – 10.125 GHz	400 W	any
	10.225 – 10.500 GHz	400 W	any
1.2 cm	24.000 – 24.050 GHz	1 kW	any
	24.050 – 24.150 GHz ⁵	400 W	any
	24.150 – 24.250 GHz	400 W	any
6 mm	47.000 – 47.200 GHz	1 kW	any
4 mm	75.500 – 75.875 GHz	400 W	any
	75.875 – 76.000 GHz	1 kW	any
	76.000 – 77.500 GHz	400 W	any
	77.500 – 78.000 GHz	1 kW	any
	78.000 – 81.000 GHz	400 W	any
2.5 mm	122.250 – 123.000 GHz	400 W	any
2 mm	134.000 – 136.000 GHz	1 kW	any
	136.000 – 141.000 GHz	400 W	any
1.2 mm	241.000 – 248.000 GHz	400 W	any
	248.000 – 250.000 GHz	1 kW	any

Notes

¹ T/R 61-01, T/R 61-02 and ECC/REC/(05)06 are not implemented in the British Overseas Territories (VP2, VP5, VP6, VP8, VP9, VPØ, VQ9, ZB2, ZC4, ZD7, ZD8, ZD9, ZF)

- ² No mobile or portable operation permitted
- ³ Maximum radiated power 200 W EIRP
- ⁴ 431.000–432.000 MHz not available within 100 km radius of Charing Cross, London (51° 30' 30" N 0° 7' 24" W)
- ⁵ Special permission required

Info

Office of Communications (Ofcom): *Amateur Radio Wireless Telegraphy Licence Conditions Booklet*.

https://www.ofcom.org.uk/__data/assets/pdf_file/0015/214116/emf-amateur-licence-terms-and-conditions.pdf (current as of 2024-04-18)

—: *UK Frequency Allocation Table (UKFAT)*. <http://static.ofcom.org.uk/static/spectrum/fat.html> (current as of 2022-08-03)



*United States of America – ITU Region 2

United States (conterminous states including District of Columbia, Alaska, Hawaii), Johnston Island, Midway Island, Navassa Island, U.S. Virgin Islands, Puerto Rico, Desecheo Island

Implementation	CEPT Licence			CEPT Novice Licence		
	T/R 61-01 implemented			ECC/REC/(05)06 implemented		
Call sign prefix	HAREC			ERC Report 32 not applied		
	T/R 61-02 not implemented					
Extensions	/M			/M		
	Amateur Extra Class			Amateur Extra Class ²		
Equivalent national class						
Band	Frequency Range	Power (PEP)	Bandwidth/ Modes	Frequency Range	Power (PEP)	Bandwidth/ Modes
2200 m ³	135.700 – 137.800 kHz	1 W EIRP	CW, RTTY, data, phone, image	135.700 – 137.800 kHz	1 W EIRP	CW, RTTY, data, phone, image
630 m ³	472.000 – 479.000 kHz	5 W EIRP ⁴	CW, RTTY, data, phone, image	472.000 – 479.000 kHz	5 W EIRP ⁴	CW, RTTY, data, phone, image
160 m	1.800 – 2.000 MHz	1.5 kW	CW, RTTY, data, phone, image	1.800 – 2.000 MHz	1.5 kW	CW, RTTY, data, phone, image
80 m	3.500 – 3.600 MHz	1.5 kW	CW, RTTY, data	3.500 – 3.600 MHz	1.5 kW	CW, RTTY, data
75 m	3.600 – 4.000 MHz	1.5 kW	CW, phone, image	3.600 – 4.000 MHz	1.5 kW	CW, phone, image
60 m	5.3305 MHz	100 W ERP	2.8 kHz ⁵	5.3305 MHz	100 W ERP	2.8 kHz ⁵
	5.3465 MHz	100 W ERP	2.8 kHz ⁵	5.3465 MHz	100 W ERP	2.8 kHz ⁵
	5.3570 MHz	100 W ERP	2.8 kHz ⁵	5.3570 MHz	100 W ERP	2.8 kHz ⁵
	5.3715 MHz	100 W ERP	2.8 kHz ⁵	5.3715 MHz	100 W ERP	2.8 kHz ⁵
	5.4035 MHz	100 W ERP	2.8 kHz ⁵	5.4035 MHz	100 W ERP	2.8 kHz ⁵
40 m	7.000 – 7.075 MHz	1.5 kW	CW, RTTY, data	7.000 – 7.075 MHz	1.5 kW	CW, RTTY, data
	7.075 – 7.100 MHz	1.5 kW	CW, RTTY, data, phone ⁶ , image ⁶	7.075 – 7.100 MHz	1.5 kW	CW, RTTY, data, phone ⁶ , image ⁶
	7.100 – 7.125 MHz	1.5 kW	CW, RTTY, data	7.100 – 7.125 MHz	1.5 kW	CW, RTTY, data
	7.125 – 7.300 MHz	1.5 kW	CW, phone, image	7.125 – 7.300 MHz	1.5 kW	CW, phone, image
30 m	10.100 – 10.150 MHz	200 W	CW, RTTY, data	10.100 – 10.150 MHz	200 W	CW, RTTY, data
20 m	14.000 – 14.150 MHz	1.5 kW	CW, RTTY, data	14.000 – 14.150 MHz	1.5 kW	CW, RTTY, data
	14.150 – 14.350 MHz	1.5 kW	CW, phone, image	14.150 – 14.350 MHz	1.5 kW	CW, phone, image
17 m	18.068 – 18.110 MHz	1.5 kW	CW, RTTY, data	18.068 – 18.110 MHz	1.5 kW	CW, RTTY, data

	18.110 – 18.168 MHz	1.5 kW	CW, phone, image	18.110 – 18.168 MHz	1.5 kW	CW, phone, image
15 m	21.000 – 21.200 MHz	1.5 kW	CW, RTTY, data	21.000 – 21.200 MHz	1.5 kW	CW, RTTY, data
	21.200 – 21.450 MHz	1.5 kW	CW, phone, image	21.200 – 21.450 MHz	1.5 kW	CW, phone, image
12 m	24.890 – 24.930 MHz	1.5 kW	CW, RTTY, data	24.890 – 24.930 MHz	1.5 kW	CW, RTTY, data
	24.930 – 24.990 MHz	1.5 kW	CW, phone, image	24.930 – 24.990 MHz	1.5 kW	CW, phone, image
10 m	28.000 – 28.300 MHz	1.5 kW	CW, RTTY, data	28.000 – 28.300 MHz	1.5 kW	CW, RTTY, data
	28.300 – 29.700 MHz	1.5 kW	CW, phone, image	28.300 – 29.700 MHz	1.5 kW	CW, phone, image
6 m	50.000 – 50.100 MHz	1.5 kW	CW	50.000 – 50.100 MHz	1.5 kW	CW
	50.100 – 54.000 MHz	1.5 kW	any	50.100 – 54.000 MHz	1.5 kW	any
4 m						
2 m	144.000 – 144.100 MHz	1.5 kW	CW	144.000 – 144.100 MHz	1.5 kW	CW
	144.100 – 148.000 MHz	1.5 kW	any	144.100 – 148.000 MHz	1.5 kW	any
1.25 m	222.000 – 225.000 MHz	1.5 kW	any	222.000 – 225.000 MHz	1.5 kW	any
70 cm	420.000 – 450.000 MHz ⁷	1.5 kW ⁸	any	420.000 – 450.000 MHz ⁷	1.5 kW ⁸	any
33 cm	902.000 – 928.000 MHz ⁹	1.5 kW ¹⁰	any	902.000 – 928.000 MHz ⁹	1.5 kW ¹⁰	any
23 cm	1.240 – 1.300 GHz	1.5 kW	any	1.240 – 1.300 GHz	1.5 kW	any
13 cm	2.300 – 2.310 GHz	1.5 kW	any	2.300 – 2.310 GHz	1.5 kW	any
	2.390 – 2.450 GHz	1.5 kW	any	2.390 – 2.450 GHz	1.5 kW	any
9 cm						
6 cm	5.650 – 5.925 GHz	1.5 kW	any	5.650 – 5.925 GHz	1.5 kW	any
3 cm	10.000 – 10.500 GHz	1.5 kW	any	10.000 – 10.500 GHz	1.5 kW	any
1.2 cm	24.000 – 24.250 GHz	1.5 kW	any	24.000 – 24.250 GHz	1.5 kW	any
6 mm	47.000 – 47.200 GHz	1.5 kW	any	47.000 – 47.200 GHz	1.5 kW	any
4 mm	76.000 – 81.000 GHz	316 W EIRP	any	76.000 – 81.000 GHz	316 W EIRP	any
2.5 mm	122.250 – 123.000 GHz	1.5 kW	any	122.250 – 123.000 GHz	1.5 kW	any
2 mm	134.000 – 141.000 GHz	1.5 kW	any	134.000 – 141.000 GHz	1.5 kW	any
1.2 mm	241.000 – 250.000 GHz	1.5 kW	any	241.000 – 250.000 GHz	1.5 kW	any
	>275.000 GHz	1.5 kW	any	>275.000 GHz	1.5 kW	any

Notes

- ¹ Guest licence and landing permission required
- ² In a letter to the DARC dated March 6, 2008, the FCC confirms this equivalence: "As the phrase 'a CEPT radio-amateur license' is used in Part 97, it includes all categories of CEPT radio-amateur licenses. In that the CEPT category 'Novice' is a CEPT license, our rules authorize these license holders the frequency privileges we authorize our Amateur Extra Class licensees." For US citizens, Amateur Extra and Advanced Classes are equivalent to the CEPT Licence, whereas the General Class is equivalent to the CEPT Novice Licence.
- ³ Special permission required
- ⁴ 1 W EIRP in Alaska within 800 km (496 miles) from Russia
- ⁵ 150HA1A, 60H0J2B, 2K80J2D, 2K80J3E only; CW and data modes must be centered 1.5 kHz above the channel frequencies
- ⁶ Phone and image only south of 20° N and west of 130° W
- ⁷ 420.000–430.000 MHz: regional restrictions
- ⁸ 50 W PEP in restricted areas
- ⁹ Regional restrictions in Colorado, New Mexico, Texas, Wyoming
- ¹⁰ 50 W PEP within 150 miles (241 km) of the boundaries of the White Sands Missile Range, Texas/New Mexico (between 34° 30' N and 31° 41' N, 107° 30' W and 104° 11' W)

Info

American Radio Relay League (ARRL): *US Amateur Radio Bands*. <http://www.arrl.org/files/file/Regulatory/Band Chart/Band Chart - 11X17 Color.pdf> (current as of 2017-09-22)

U. S. Government Publishing Office (GPO): *Code of Federal Regulations (CFR). Title 47. Chapter I. Subchapter D. Part 97 – Amateur Radio Service*. <https://www.ecfr.gov/current/title-47/chapter-I/subchapter-D/part-97> (current as of 2023-05-25)

*United States of America – ITU Region 3

Baker Island, Howland Island, Guam Island, Jarvis Island, Palmyra Island, Kingman Reef, American Samoa, Wake Island, Northern Mariana Islands

Implementation	CEPT Licence T/R 61-01 implemented HAREC T/R 61-02 not implemented				CEPT Novice Licence ECC/REC/(05)06 implemented			
Call sign prefix	KH1/ Baker Island ¹ , Howland Island ¹ KH2/ Guam Island KH5/ Jarvis Island ¹ , Palmyra Island ¹ KH5K/ Kingman Reef ¹ KH8/ American Samoa KH9/ Wake Island ¹ (Islets Peale, Wake, Wilkes) KHØ/ Commonwealth of Northern Mariana Islands				ERC Report 32 not applied KH1/ Baker Island ¹ , Howland Island ¹ KH2/ Guam Island KH5/ Jarvis Island ¹ , Palmyra Island ¹ KH5K/ Kingman Reef ¹ KH8/ American Samoa KH9/ Wake Island ¹ (Islets Peale, Wake, Wilkes) KHØ/ Commonwealth of Northern Mariana Islands			
Extensions	/M				/M			
Equivalent national class	Amateur Extra Class				Amateur Extra Class ²			
Band	Frequency Range		Power (PEP)	Bandwidth/ Modes	Frequency Range		Power (PEP)	Bandwidth/ Modes
2200 m ³	135.700	– 137.800 kHz	1 W EIRP	CW, RTTY, data, phone, image	135.700	– 137.800 kHz	1 W EIRP	CW, RTTY, data, phone, image
630 m ³	472.000	– 479.000 kHz	5 W EIRP	CW, RTTY, data, phone, image	472.000	– 479.000 kHz	5 W EIRP	CW, RTTY, data, phone, image
160 m	1.800	– 2.000 MHz	1.5 kW	CW, RTTY, data, phone, image	1.800	– 2.000 MHz	1.5 kW	CW, RTTY, data, phone, image
80 m	3.500	– 3.750 MHz	1.5 kW	CW, RTTY, data	3.500	– 3.750 MHz	1.5 kW	CW, RTTY, data
75 m	3.750	– 3.900 MHz	1.5 kW	CW, phone, image	3.750	– 4.900 MHz	1.5 kW	CW, phone, image
60 m	5.3305 MHz	5.3305 MHz	100 W ERP	2.8 kHz ⁴	5.3305 MHz	5.3305 MHz	100 W ERP	2.8 kHz ⁴
		5.3465 MHz	100 W ERP	2.8 kHz ⁴		5.3465 MHz	100 W ERP	2.8 kHz ⁴
		5.3570 MHz	100 W ERP	2.8 kHz ⁴		5.3570 MHz	100 W ERP	2.8 kHz ⁴
		5.3715 MHz	100 W ERP	2.8 kHz ⁴		5.3715 MHz	100 W ERP	2.8 kHz ⁴
		5.4035 MHz	100 W ERP	2.8 kHz ⁴		5.4035 MHz	100 W ERP	2.8 kHz ⁴
40 m	7.000	– 7.050 MHz	1.5 kW	CW, RTTY, data	7.000	– 7.050 MHz	1.5 kW	CW, RTTY, data
	7.050	– 7.075 MHz	200 W	CW, RTTY, data	7.050	– 7.075 MHz	200 W	CW, RTTY, data
	7.075	– 7.100 MHz	1.5 kW	CW, RTTY, data, phone, image	7.075	– 7.100 MHz	1.5 kW	CW, RTTY, data, phone, image
	7.100	– 7.125 MHz	1.5 kW	CW, RTTY, data	7.100	– 7.125 MHz	1.5 kW	CW, RTTY, data
	7.125	– 7.200 MHz	1.5 kW	CW, phone, image	7.125	– 7.200 MHz	1.5 kW	CW, phone, image
	10.100	– 10.150 MHz	200 W	CW, RTTY, data	10.100	– 10.150 MHz	200 W	CW, RTTY, data
20 m	14.000	– 14.150 MHz	1.5 kW	CW, RTTY, data	14.000	– 14.150 MHz	1.5 kW	CW, RTTY, data
	14.150	– 14.350 MHz	1.5 kW	CW, phone, image	14.150	– 14.350 MHz	1.5 kW	CW, phone, image
17 m	18.068	– 18.110 MHz	1.5 kW	CW, RTTY, data	18.068	– 18.110 MHz	1.5 kW	CW, RTTY, data
	18.110	– 18.168 MHz	1.5 kW	CW, phone, image	18.110	– 18.168 MHz	1.5 kW	CW, phone, image
15 m	21.000	– 21.200 MHz	1.5 kW	CW, RTTY, data	21.000	– 21.200 MHz	1.5 kW	CW, RTTY, data
	21.200	– 21.450 MHz	1.5 kW	CW, phone, image	21.200	– 21.450 MHz	1.5 kW	CW, phone, image
12 m	24.890	– 24.930 MHz	1.5 kW	CW, RTTY, data	24.890	– 24.930 MHz	1.5 kW	CW, RTTY, data
	24.930	– 24.990 MHz	1.5 kW	CW, phone, image	24.930	– 24.990 MHz	1.5 kW	CW, phone, image
10 m	28.000	– 28.300 MHz	1.5 kW	CW, RTTY, data	28.000	– 28.300 MHz	1.5 kW	CW, RTTY, data
	28.300	– 29.700 MHz	1.5 kW	CW, phone, image	28.300	– 29.700 MHz	1.5 kW	CW, phone, image
6 m	50.000	– 50.100 MHz	1.5 kW	CW	50.000	– 50.100 MHz	1.5 kW	CW
	50.100	– 54.000 MHz	1.5 kW	any	50.100	– 54.000 MHz	1.5 kW	any

4 m							
2 m	144.000 – 144.100 MHz	1.5 kW	CW	144.000 – 144.100 MHz	1.5 kW	CW	
	144.100 – 148.000 MHz	1.5 kW	any	144.100 – 148.000 MHz	1.5 kW	any	
1.25 m							
70 cm	430.000 – 440.000 MHz	1.5 kW	any	430.000 – 440.000 MHz	1.5 kW	any	
33 cm							
23 cm	1.240 – 1.300 GHz	1.5 kW	any	1.240 – 1.300 GHz	1.5 kW	any	
13 cm	2.300 – 2.310 GHz	1.5 kW	any	2.300 – 2.310 GHz	1.5 kW	any	
	2.390 – 2.450 GHz	1.5 kW	any	2.390 – 2.450 GHz	1.5 kW	any	
9 cm							
6 cm	5.650 – 5.850 GHz	1.5 kW	any	5.650 – 5.850 GHz	1.5 kW	any	
3 cm	10.000 – 10.500 GHz	1.5 kW	any	10.000 – 10.500 GHz	1.5 kW	any	
1.2 cm	24.000 – 24.250 GHz	1.5 kW	any	24.000 – 24.250 GHz	1.5 kW	any	
6 mm	47.000 – 47.200 GHz	1.5 kW	any	47.000 – 47.200 GHz	1.5 kW	any	
4 mm	76.000 – 81.000 GHz	1.5 kW	any	76.000 – 81.000 GHz	1.5 kW	any	
2.5 mm	122.250 – 123.000 GHz	1.5 kW	any	122.250 – 123.000 GHz	1.5 kW	any	
2 mm	134.000 – 141.000 GHz	1.5 kW	any	134.000 – 141.000 GHz	1.5 kW	any	
1.2 mm	241.000 – 250.000 GHz	1.5 kW	any	241.000 – 250.000 GHz	1.5 kW	any	
	>275.000 GHz	1.5 kW	any	>275.000 GHz	1.5 kW	any	

Notes

- ¹ Guest licence and landing permission required
- ² In a letter to the DARC dated March 6, 2008, the FCC confirms this equivalence: "As the phrase 'a CEPT radio-amateur license' is used in Part 97, it includes all categories of CEPT radio-amateur licenses. In that the CEPT category 'Novice' is a CEPT license, our rules authorize these license holders the frequency privileges we authorize our Amateur Extra Class licensees." For US citizens, Amateur Extra and Advanced Classes are equivalent to the CEPT Licence, whereas the General Class is equivalent to the CEPT Novice Licence.
- ³ Special permission required
- ⁴ A1A, J2B, J2D, J3E only; CW and data modes must be centered 1.5 kHz above the channel frequencies indicated

Info

American Radio Relay League (ARRL): *US Amateur Radio Bands*. <http://www.arrl.org/files/file/Regulatory/Band Chart/Band Chart - 11X17 Color.pdf> (current as of 2017-09-22)

U. S. Government Publishing Office (GPO): *Code of Federal Regulations (CFR). Title 47. Chapter I. Subchapter D. Part 97 – Amateur Radio Service*. <https://www.ecfr.gov/current/title-47/chapter-I/subchapter-D/part-97> (current as of 2023-08-24)

Vatican City

Implementation	CEPT Licence T/R 61-01 not implemented	CEPT Novice Licence ECC/REC/(05)06 not implemented
	HAREC T/R 61-02 not implemented	



IARU Region 1 Band Plan

Band	Frequency Range	Bandwidth	Modes
2200 m	135.700 – 137.800 kHz	200 Hz	CW, QRSS, narrow band digital
630 m	472.000 – 475.000 kHz	200 Hz	CW
	475.000 – 479.000 kHz	500 Hz ¹	narrow band
160 m	1.810 – 1.838 MHz	200 Hz	CW
	1.838 – 1.840 MHz	500 Hz	narrow band
	1.840 – 2.000 MHz	2.7 kHz	any
80 m	3.500 – 3.570 MHz	200 Hz	CW
	3.570 – 3.580 MHz	200 Hz	narrow band
	3.580 – 3.600 MHz	500 Hz	narrow band
	3.600 – 3.800 MHz	2.7 kHz	any
60 m	5.3515 – 5.354 MHz	200 Hz	CW, narrow band
	5.354 – 5.366 MHz	2.7 kHz	any
	5.366 – 5.3665 MHz	20 Hz	weak signal narrow band
40 m	7.000 – 7.040 MHz	200 Hz	CW
	7.040 – 7.050 MHz	500 Hz	narrow band
	7.050 – 7.200 MHz	2.7 kHz	any
30 m	10.100 – 10.130 MHz	200 Hz	CW
	10.130 – 10.150 MHz	500 Hz	narrow band
20 m	14.000 – 14.070 MHz	200 Hz	CW
	14.070 – 14.099 MHz	500 Hz	narrow band
	14.099 – 14.101 MHz		beacon stations
	14.101 – 14.350 MHz	2.7 kHz	any
17 m	18.068 – 18.095 MHz	200 Hz	CW
	18.095 – 18.109 MHz	500 Hz	narrow band
	18.109 – 18.111 MHz	200 Hz	beacon stations
	18.111 – 18.168 MHz	2.7 kHz	any
15 m	21.000 – 21.070 MHz	200 Hz	CW
	21.070 – 21.110 MHz	500 Hz	narrow band
	21.110 – 21.120 MHz	2.7 kHz	any
	21.120 – 21.149 MHz	500 Hz	narrow band
	21.149 – 21.151 MHz		beacon stations
	21.151 – 21.450 MHz	2.7 kHz	any
12 m	24.890 – 24.915 MHz	200 Hz	CW
	24.915 – 24.929 MHz	500 Hz	narrow band
	24.929 – 24.931 MHz		beacon stations
	24.931 – 24.990 MHz	2.7 kHz	any
10 m	28.000 – 28.070 MHz	200 Hz	CW
	28.070 – 28.190 MHz	500 Hz	narrow band
	28.190 – 28.225 MHz		beacon stations
	28.225 – 29.000 MHz	2.7 kHz	any
	29.000 – 29.300 MHz	6 kHz	any
	29.300 – 29.510 MHz	6 kHz	satellite communication
	29.510 – 29.520 MHz		guard channel
	29.520 – 29.700 MHz	6 kHz	any
6 m	50.000 – 50.100 MHz	500 Hz	beacon stations, CW
	50.100 – 50.300 MHz	2.7 kHz	CW, SSB
	50.300 – 50.400 MHz	2.7 kHz	narrow band, digital
	50.400 – 50.500 MHz	1 kHz	digital, CW
	50.500 – 52.000 MHz	12 kHz	any
	52.000 – 54.000 MHz	500 kHz	any
4 m	70.000 – 70.100 MHz	1 kHz	digital, CW
	70.100 – 70.250 MHz	2.7 kHz	SSB, CW, digital
	70.250 – 70.294 MHz	12 kHz	AM, FM
	70.294 – 70.500 MHz	12 kHz	FM
2 m	144.000 – 144.025 MHz	2.7 kHz	any
	144.025 – 144.100 MHz	500 Hz	CW
	144.100 – 144.150 MHz	500 Hz	digital, CW
	144.150 – 144.400 MHz	2.7 kHz	SSB, CW, digital
	144.400 – 144.490 MHz	500 Hz	digital, CW
	144.491 – 144.493 MHz	500 Hz	digital beacon stations
	144.500 – 144.794 MHz	20 kHz	any
	144.794 – 144.9625 MHz	12 kHz	digital
	144.975 – 145.194 MHz	12 kHz	FM, digital voice (repeater stations [input])
	145.194 – 145.206 MHz	12 kHz	FM, digital voice (space communication)
	145.206 – 145.5625 MHz	12 kHz	FM, digital voice
	145.575 – 145.7935 MHz	12 kHz	FM, digital voice (repeater stations [output])
	145.794 – 145.806 MHz	12 kHz	FM, digital voice (space communication)
	145.806 – 146.000 MHz	12 kHz	any (satellite communication)
70 cm	430.000 – 432.000 MHz	20 kHz	any
	432.000 – 432.100 MHz	500 Hz	digital, CW
	432.100 – 432.400 MHz	2.7 kHz	digital, CW, SSB
	432.400 – 432.490 MHz	500 Hz	beacon stations

	432.500 – 433.000 MHz	12 kHz	any
	433.000 – 433.400 MHz	12 kHz	FM, digital voice (repeater stations [input])
	433.400 – 433.600 MHz	12 kHz	FM, digital voice
	433.600 – 434.000 MHz	any	any
	434.000 – 434.594 MHz	12 kHz	any, ATV
	434.594 – 434.981 MHz	12 kHz	any, digital voice (repeater stations [output])
	435.000 – 438.000 MHz	any	any (satellite communication)
	438.000 – 440.000 MHz	any	any
23 cm	1.240 – 1.2405 GHz	2.7 kHz	any (reserved)
	1.2405 – 1.24075 GHz	500 Hz	digital, CW (beacon stations reserved)
	1.24075 – 1.241 GHz	20 kHz	FM, digital voice (reserved)
	1.241 – 1.24325 GHz	20 kHz	any (repeater stations [output])
	1.24325 – 1.260 GHz		ATV, DATV (repeater stations [output])
	1.260 – 1.270 GHz		satellite communication
	1.270 – 1.272 GHz	20 kHz	any (repeater stations [input])
	1.272 – 1.290994 GHz		ATV, DATV
	1.290994 – 1.291481 GHz	20 kHz	FM, digital voice (repeater stations [input])
	1.291481 – 1.296 GHz		any (repeater stations [input])
	1.296 – 1.29615 GHz	500 Hz	digital, CW
	1.29615 – 1.2968 GHz	2.7 kHz	digital, CW, SSB
	1.2968 – 1.296994 GHz	500 Hz	beacon stations
	1.296994 – 1.297481 GHz	20 kHz	FM, digital voice (repeater stations [output])
	1.297481 – 1.297981 GHz	20 kHz	FM, digital voice
	1.298 – 1.299 GHz	20 kHz	any
	1.299 – 1.29975 GHz	150 kHz	any
13 cm	1.29975 – 1.300 GHz	20 kHz	any
	2.300 – 2.320 GHz	20 kHz	any
	2.320 – 2.3208 GHz	any	any
	2.3208 – 2.321 GHz		beacon stations
	2.321 – 2.322 GHz	20 kHz	FM, digital voice
	2.322 – 2.400 GHz	any	any
	2.400 – 2.450 GHz		satellite communication
9 cm	3.400 – 3.4008 GHz	500 Hz	digital, CW
	3.4008 – 3.400995 GHz	500 Hz	digital, CW (beacon stations)
	3.401 – 3.402 GHz	2.7 kHz	any
	3.402 – 3.410 GHz	any	any (satellite communication downlink)
	3.410 – 3.475 GHz	any	any
6 cm	5.650 – 5.670 GHz	2.7 kHz	any (satellite communication uplink)
	5.670 – 5.700 GHz	any	digital
	5.700 – 5.720 GHz	any	ATV
	5.720 – 5.760 GHz	any	any
	5.760 – 5.7608 GHz	2.7 kHz	any
	5.7608 – 5.76099 GHz	any	digital, CW (beacon stations)
	5.761 – 5.762 GHz	2.7 kHz	any
	5.762 – 5.790 GHz	any	any
	5.790 – 5.850 GHz	any	any (satellite communication downlink)
3 cm	10.000 – 10.150 GHz	any	digital
	10.150 – 10.250 GHz	any	any
	10.250 – 10.350 GHz	any	digital
	10.350 – 10.368 GHz	any	any
	10.368 – 10.3688 GHz	2.7 kHz	any
	10.3688 – 10.36899 GHz		beacon stations
	10.369 – 10.370 GHz	2.7 kHz	any
	10.370 – 10.500 GHz		any
1.2 cm	24.000 – 24.048 GHz		any
	24.048 – 24.0488 GHz	2.7 kHz	any (satellite communication)
	24.0488 – 24.048995 GHz		any (beacon stations)
	24.049 – 24.050 GHz	2.7 kHz	any (satellite communication)
	24.050 – 24.250 GHz		any
6 mm	47.000 – 47.088 GHz	any	any
	47.088 – 47.090 GHz	2.7 kHz	any
	47.090 – 47.200 GHz	any	any
4 mm	75.500 – 76.000 GHz	2.7 kHz	any (satellite communication)
	76.000 – 77.500 GHz	any	any
	77.500 – 77.501 GHz	2.7 kHz	any (satellite communication)
	77.501 – 81.500 GHz	any	any
2.5 mm	122.250 – 122.251 GHz	2.7 kHz	any
	122.251 – 123.000 GHz	any	any
2 mm	134.000 – 134.928 GHz	any	any (satellite communication)
	134.928 – 134.930 GHz	2.7 kHz	any
	134.930 – 141.000 GHz	any	any
1.2 mm	241.000 – 248.000 GHz	any	any
	248.000 – 248.001 GHz	any	any (satellite communication)
	248.001 – 250.000 GHz	any	any

Notes

¹ Bandwidth not specified, 500 Hz suggested

Info

IARU Region 1: *IARU Region 1 HF Band Plan*. https://www.iaru-r1.org/wp-content/uploads/2021/06/hf_r1_bandplan.pdf (current as of 2020-10-16)

—: *IARU Region 1 VHF Band Plan*. <https://www.iaru-r1.org/wp-content/uploads/2020/12/VHF-Bandplan.pdf> (current as of 2020-12-02)

—: *IARU Region 1 UHF Band Plan*. <https://www.iaru-r1.org/wp-content/uploads/2021/03/UHF-Bandplan.pdf> (current as of 2021-03-18)

—: *IARU Region 1 SHF Band Plan*. <https://www.iaru-r1.org/wp-content/uploads/2020/12/SHF-Bandplan.pdf> (current as of 2020-12-02)

—: *IARU Region 1 μ Wave Band Plan*. [http://www.iaru-r1.org/wp-content/uploads/2020/12/ \$\mu\$ W-Bandplan.pdf](http://www.iaru-r1.org/wp-content/uploads/2020/12/μW-Bandplan.pdf) (current as of 2020-12-02)

