

Wavelength	Frequency Band	Subband	Service	Status	Maximum Power (if allowed)		
					HAREC	NOVICE	BASE
3km	135.7-137.8 kHz		A	S	1 W ERP	x	x
600m	472-479 kHz		A	S	1 W ERP	1 W ERP	x
160m	1810-2000 kHz	1810-1830 kHz	A	P	10 W ERP	10 W ERP	x
		1830-1850 kHz		P	100 W PEP *	100 W PEP	x
		1850-2000 kHz		S	10 W ERP	10 W ERP	x
80m	3500-3800 kHz		A	P	100 W PEP *	100 W PEP	x
60m	5351.5-5366.5 kHz		A	S	15 W EIRP	15 W EIRP	x
40m	7000-7200 kHz	7000-7100 kHz	A/AS	PEX	100 W PEP *	x	x
		7100-7200 kHz	A	P	100 W PEP *	x	x
30m	10100-10150 kHz		A	S	100 W PEP *	x	x
20m	14000-14350 kHz	14000-14250	A/AS	PEX	100 W PEP *	x	x
		14250-14350 kHz	A	P	100 W PEP *	x	x
17m	18068-18168 kHz		A/AS	P	100 W PEP *	x	x
15m	21000-21450 kHz		A/AS	PEX	100 W PEP *	100 W PEP	x
12m	24890-24990		A/AS	PEX	100 W PEP *	x	x
10m	28000-29700		A/AS	PEX	100 W PEP *	100 W PEP	25W PEP
6m	50.0-52.0 MHz		A	S	100 W PEP *	100 W PEP	x
4m	70.15-70.25 MHz		A	S	10 W ERP	10 W ERP	x
2m	144-146 MHz		A/AS	PEX	100 W PEP *	100 W PEP	25W PEP
70cm	430-440 MHz	430-435 MHz	A	P	100 W PEP *	100 W PEP	25W PEP
		435-438 MHz	A/AS	P/S			
		438-440 MHz	A	P			
23cm	1240-1300 MHz	1240-1260 MHz	A	S	100 W PEP *	100 W PEP	x
		1260-1270 MHz	A/AS				
12cm	2300-2450 MHz	2300-2400 MHz	A	S	100 W PEP *	100 W PEP	x
		2400-2450 MHz	A/AS				
10cm	3400-3410 MHz		A	S	100 W PEP *	100 W PEP	x
6cm	5650-5850 MHz	5650-5670 MHz	A/AS	S	100 W PEP *	100 W PEP	x
		5670-5830 MHz	A				
		5830-5850 MHz	A/AS				
3cm	10-10.5 GHz	10-10.45 GHz	A	S	100 W PEP *	100 W PEP	x
		10.45-10.50 GHz	A/AS				
12mm	24-24.25 GHz	24-24.05 GHz	A/AS	P	100 W PEP *	100 W PEP	x
		24.05-24.25 GHz	A	S			
4mm	75.5-81 GHz	75.5-76 GHz	A/AS	P	100 W PEP *	100 W PEP	x
		76-81 GHz	A/AS	S			
2mm	134-141 GHz	134-136 GHz	A/AS	P	100 W PEP *	100 W PEP	x
		136-141 GHz		S			
2mm	142-149 GHz	142-144 GHz	A/AS	PEX	100 W PEP *	100 W PEP	x
		144-149 GHz		S			
1.2mm	241-250 GHz	241-248 GHz	A/AS	S	100 W PEP *	100 W PEP	x
		248-250 GHz		PEX			

### Explanations:

- \*: 1000 W PEP allowed one year after the establishment of the certificate
- x: not permitted
- A: amateur radio
- AS: amateur radio over satellite
- P: primary radio service
- PEX: primary-exclusive radio service
- S: secondary radio service
- ERP: effective radiated power
- EIRP: effective isotropically radiated power
- PEP: peak envelope power

Please refer to the regulatory authority (Luxembourg: ILR; [www.ilr.lu](http://www.ilr.lu)) for the latest legislation and more information.