

Office/Departement  
Centre for Telcoms

**Contact:**  
**Telefon:** +45 3392 7500  
**E-mail:** frekvens@ens.dk

**Application for temporary frequency licence**

Name of applicant		
Address	Postal Code / City	
Country	Contact Person	
Email	Telephone	Order Number (optional)
Bank, account number, IBAN and Swift number. (For the use of potential repayment)		

**Application concerning**

<input type="checkbox"/> Land mobile radio* <input type="checkbox"/> Simplex use <input type="checkbox"/> Duplex use <input type="checkbox"/> mobile radio devices <input type="checkbox"/> Base station  <input type="checkbox"/> Remote control  <input type="checkbox"/> Wireless microphones*  <input type="checkbox"/> Fixed link  <input type="checkbox"/> VSAT/SNG (Less than 60dBW EIRP licence exempt in Denmark)*  <input type="checkbox"/> Moving camera*  <input type="checkbox"/> Other use _____
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\*See guidelines

Danish Energy Agency  
Amaliegade 44  
DK-1256 Copenhagen K  
  
P: +45 3392 6700  
E: ens@ens.dk  
  
www.ens.dk

**Installation data**

Name of street or location	Antenna height (m)
City	Service area or geographical position in degrees, minutes and seconds
Radiated power from base station antenna:	Radiated power from mobile antenna:
Channel bandwidth (kHz/MHz)	Terrain height above sea level (m)
Service period	

**Frequencies or frequency bands**

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**Modulation**

<input type="checkbox"/> Speech	<input type="checkbox"/> Digital
<input type="checkbox"/> Data transmission	<input type="checkbox"/> Other

**Remarks**

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Please send the application by e-mail: [frekvens@ens.dk](mailto:frekvens@ens.dk)

**Guidelines to applications**

For some of the applications mentioned in the application form, a licence is not always needed. This guideline gives a brief overview of some of the rules and possibilities.

**Land mobile radio**

In the frequency band 446.0-446.2 MHz (PMR 446) LMR may be used without a licence if equipment complies with the requirements in [Radio Interface 00 022](#).

In other frequency bands a licence is required.

**Moving camera**

Moving cameras may be used without a licence in the following frequency bands, if equipment complies with the requirements in [Radio Interface 00 032](#).

- 2400-2483.5 MHz
- 5725.0-5875.0 MHz
- 57.1-58.9 GHz

For equipment operating in the following frequency bands a licence is required.

- 2025-2105 MHz
- 2200-2280 MHz

All licensees share the same set of frequencies available in the frequency band. The maximum transmitted power is 5 W ERP. A channel arrangement for the use of the frequencies has been defined and can be found [here](#)

**VSAT/SNG**

If the transmitted power does not exceed 60 dBW EIRP, then terminals for FSS (e.g. VSAT and SNG) can be used without a licence in the frequency bands listed below:

- 10.70-12.75 GHz
- 14.00-14.50 GHz
- 19.70-20.20 GHz
- 29.50-30.00 GHz

In the vicinity of airports there are certain minimum distances to the fence/boundary of the airport you have to respect - see below:

Power (EIRP)	34-50 dBW	50-55,3 dBW	55.3-57 dBW	57-60 dBW
Minimum distance	500 m	1800 m	2300 m	3500 m

For other frequencies and higher transmitted power a licence is required.

### Wireless microphones

Wireless microphones may be used without a licence in several frequency bands under certain conditions. In other frequency bands a licence is required and issued by the Danish Business Authority. The conditions are described in [Radio Interface 00 025](#).

Frequency bands, which may be used license exempt for wireless microphones, are listed in table below.

Frequency band [MHz]	Maximum transmitted power [mW ERP]	Maximum bandwidth [kHz]	Remarks
32-39.4	2	50	Only some frequencies may be used in this band
138.250-142.070	50	200	Only some frequencies may be used in this band
169.4000-196.5875	500	50	Radio systems to use for aids for the hearing impaired
169.8250-173.9625	10	50	Radio systems to use for aids for the hearing impaired. Only some frequencies may be used in this band.
180.5-222.5	2	50	Radio systems to use for aids for the hearing impaired. Only some frequencies may be used in this band
470-790	50	200	Only interleaved spectrum may be used ( <a href="#">White spaces</a> ).
823-83 MHz	See table 1 in <a href="#">radio interface 00 025</a>	200	
863-865	10	200	
1785-1800	10	200	

Further information about wireless microphones can be found [here](#).