

Agreement

Between the National Post and Telecom Agency, Sweden

and

National Telecom Agency, Denmark

Concerning the use of the frequency band 27.5-29.5 GHz

Agreement between the National Post and Telecom Agency, Sweden and the National Telecom Agency, Denmark concerning the use of the frequency band 27.5-29.5 GHz .

Section 1 – Use of channels

- 1.1 Denmark may use its preferential frequencies without coordination with Sweden, if the spectral power flux density of every single carrier produced by a base station does not exceed $-110 \text{ dBW}/(\text{MHz}/\text{m}^2)$ at a distance of 15 kilometer and beyond (from the Swedish coastline) in Sweden.
- 1.2 Sweden may use its preferential frequencies without coordination with Denmark, if the spectral power flux density of every single carrier produced by a base station does not exceed $-110 \text{ dBW}/(\text{MHz}/\text{m}^2)$ at a distance of 15 kilometer and beyond (from the Danish coastline) in Denmark.
- 1.3 Denmark may use its non-preferential frequencies without coordination with Sweden, if the spectral power flux density of every single carrier produced by a base station does not exceed $-110 \text{ dBW}/\text{MHz}/\text{m}^2$ at the Swedish coastline.
- 1.4 Sweden may use its non-preferential frequencies without coordination with Denmark, if the spectral power flux density of every single carrier produced by a base station does not exceed $-110 \text{ dBW}/\text{MHz}/\text{m}^2$ at the Danish coastline.
- 1.5 The division into preferential frequencies are listed in Annex 1. Channel numbering is in accordance with ERC/DEC/(00)09.

Section 2 – General

- 2.1 If a country use part of the frequency band for other purposes than FWA, the limits of this agreement shall still apply.
- 2.2 A power flux density exceeding the above mentioned values shall be coordinated with the other administration.
- 2.3 Frequency coordination may take place between the operators in Denmark and Sweden.
- 2.4 The above mentioned power flux densities are to be calculated on the basis of the ITU-R Recommendation P.452-9. The calculation shall be carried out on the basis of free space propagation only.
- 2.5 For this agreement only, the coastline of Denmark shall be defined as excluding the islands of Middelgrunden, Flakfortet and Saltholm and the coastline of Sweden shall be defined as excluding the island of Ven.

Section 3 – Revision

- 3.1 This agreement may be revised or cancelled as desired by one of the administrations with a notice of one year.
- 3.2 Existing and planned stations may continue to operate even if the agreement is cancelled or revised.

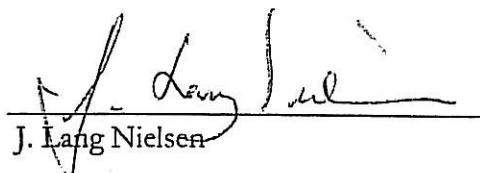
This agreement has been drawn up in two identical copies, one for Denmark and one for Sweden.

Stockholm, 22 October 2001

Copenhagen, 30 October 2001



Marianne Treschow



J. Lang Nielsen

Division into preferential frequencies
in part of the band 27.5-29.5 GHz

Channel #	28 MHz channels center frequencies		Preferential channels
	Lower band Base TX	Upper band Base RX	
11	27842.5	28850.5	Denmark
12	27870.5	28878.5	Denmark
13	27898.5	28906.5	Denmark
14	27926.5	28934.5	Denmark
15	27954.5	28962.5	Sweden
16	27982.5	28990.5	Sweden
17	28010.5	29018.5	Denmark
18	28038.5	29046.5	Sweden
19	28066.5	29074.5	Sweden
20	28094.5	29102.5	Denmark
21	28122.5	29130.5	Sweden
22	28150.5	29158.5	Sweden
23	28178.5	29186.5	Denmark
24	28206.5	29214.5	Sweden
25	28234.5	29242.5	Sweden
26	28262.5	29270.5	Denmark
27	28290.5	29298.5	Sweden
28	28318.5	29326.5	Sweden
29	28346.5	29354.5	Denmark
30	28374.5	29382.5	Sweden
31	28402.5	29410.5	Sweden
32	28430.5	29438.5	Denmark