Agreement between the National IT and Telecom Agency, Denmark and the National Post and Telecom Agency, Sweden

concerning the use of the frequency band 2500-2690 MHz for terrestrial (mobile) systems

Mars 2008

1 Principles

This agreement is based on the concept of field strength levels.

2 Definition of coastline

For this agreement only the coastline of Denmark is defined as excluding the islands of Middlegrund, Flakfortet, Saltholm, and Pepparholm and the coastline of Sweden is defined as excluding the island of Ven.

3 Use of frequencies without co-ordination by administrations

3.1 Establishment of agreements between operators is encouraged to the extent possible. Subject to agreement between operators other technical characteristics can be used, i.e. other field strength limits, propagation models or preferential frequencies and/or codes. It is recommended to take ECC Rec(01)01 into consideration when developing such agreements.

3.2 Sweden may use the frequency band 2500-2620 MHz without co-ordination with Denmark, if the predicted mean field strength of each carrier produced by a base station does not exceed a value of 21 dBuV/m/5MHz or 14 dBuV/m/MHz at a height of 3 m above surface at the Danish coastline or beyond.

3.3 Denmark may use the frequency band 2500-2620 MHz without co-ordination with Sweden, if the predicted mean field strength of each carrier produced by a base station does not exceed a value of 21 dBuV/m/5MHz or 14 dBuV/m/MHz at a height of 3 m above surface at the Swedish coastline or beyond.

3.4 Sweden may use the frequency band 2620-2690 MHz without coordination with Denmark if the predicted mean field strength of each carrier produced by a base station does not exceed a value of 37 dBuV/m/5MHz or 30 dBuV/m/MHz at a height of 3 m above surface at the Danish coastline or beyond.

3.5 Denmark may use the frequency band 2620-2690 MHz without coordination with Sweden if the predicted mean field strength of each carrier produced by a base station does not exceed a value of 37 dBuV/m/5MHz or 30 dBuV/m/MHz at a height of 3 m above surface at the Swedish coastline or beyond.

4 General

4.1 If a frequency assignment has to be coordinated the period of coordination shall not exceed 45 days from the date of the receipt of the request and 20 days after the reminder. If no reply is received after 65 days the frequency assignment shall be considered as coordinated.

4.2 A complaint in case of harmful interference shall be based on the median values of measurements of field strength, performed at 3 meter of receiving antenna height at least on two different occasions over a range of at least 100 meter along the coastline.

4.3 The field strength values in this agreement are based on a receiving antenna height of 3 meter, 10 % of the time and 50 % of locations.

4.4 Countries shall use the latest version of ITU-R P.1546 “Method for point-to area predictions for terrestrial services in the frequency range 30-3000 MHz” as specified in ERC/REC.(01)01 Annex 2 for field strength calculations relating to this agreement.

5 Revision and cancellation

5.1 This agreement may be revised or cancelled as desired by one of the administrations with a notice of six months.

5.2 In case this agreement is cancelled and new one is not concluded the co-ordination procedure will be based on the latest version of CEPT ERC Recommendation (01)01 Annex 5.

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This agreement shall come into effect from date of signature.

This agreement has been drawn up in two identical copies, of which each administration has taken one each.

Stockholm / 2008

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Johan Mårtensson

Copenhagen / 2008

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Robert Lindgaard