Agreement between the Norwegian Post and Telecommunications Authority and the Swedish Post and Telecom Agency

concerning the use of the 800 MHz-band (790-862 MHz) for terrestrial systems

[February 2011]

1. Principles and definitions

1.1. The 800 MHz-band, as referred to in this agreement, covers the frequencies from 790 MHz to 862 MHz.

1.2. The agreement considers that the use of the band is in accordance with the Commission Decision 2010/267/EU of 6 May 2010, based on the Block Edge Mask spectrum description, with the Frequency Division Duplex (FDD) arrangement. The use of other arrangements such as Time Division Duplex (TDD) is not covered in this agreement.

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

1.4. This agreement covers the co-ordination of the base stations. The user equipments, or terminals, are allowed to be used on non interfering basis, in accordance with ITU RR 4.4.

1.5. For this agreement the border is defined as the land border or, where appropriate, a line midway between the Norwegian coastline and the Swedish coastline, due to ratified border agreement between Norway and Sweden.

2. Use of frequencies without co-ordination by administrations

2.1. Norway may use the 800 MHz-band without co-ordination with Sweden, if the predicted mean field strength produced by a base station does not exceed **54 dB(µV/m)/5 MHz** at a height of 1.5 m above the ground at the border or beyond.

2.2. Sweden may use the 800 MHz-band without co-ordination with Norway, if the predicted mean field strength produced by a base station does not exceed **54 dB(µV/m)/5 MHz** at a height of 1.5 m above the ground at the border or beyond.

3. General

3.1. If a frequency assignment has to be co-ordinated, the period of co-ordination shall not exceed 45 days from the date an administration receives the request and 20 days after the reminder. If no reply is received after 65 days the frequency assignment shall be considered as co-ordinated.

3.2. The exchange of the co-ordination information shall be in electronic form and sent by e-mail or by other electronic means as appropriate.

3.3. Preliminary co-ordination may take place between the operators concerned. The results of such preliminary co-ordination must be approved by the administrations.

3.4. A complaint in case of harmful interference shall be based on the median values of measurements of field strength, performed at 1.5 meter of receiving antenna height at least on two different occasions over a range of at least 100 m along the border.

3.5. In the presence of interference, the report of harmful interference shall be presented in accordance with Appendix 10 of the Radio Regulations. The other administration shall take all possible steps in order to eliminate the interference.

3.6. The field strength values in this agreement are based on a receiving antenna height of 1.5 m, 10% of the time and 50% of the locations.

3.7. The latest version of ITU-R P.1546 " Method for point-to area predictions for terrestrial services in the frequency range 30-3000 MHz" shall be used.

4. Relation with ITU GE06 (Genève 2006 Agreement)

4.1. From the date 31.12.2010 neither Norway nor Sweden will use the frequencies between 790 MHz and 862 MHz for broadcasting assignments or allotments in reference to Plan entries of ITU GE06, with the exceptions of the DTT frequency use listed in the annex until 31.12.2011.

4.2. The DTT frequency use listed in the annex is protected in accordance with ITU GE06, until 31.12.2011.

5. Revision and cancellation

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

6. Enter into force

6.1. This agreement shall come into effect from date of signature.

6.2. This agreement has been drawn in two identical copies, one for Norway and one for Sweden.

Place	Place
Date	Date
For the Norwegian Post and Telecommunications Authority	For the Swedish Post and Telecom Agency
_____	_____
Geir Jan Sundal (p.p) Director of Frequency Management Department	Urban Landmark Director of Spectrum Department

Annex. Technical specifications for the use of frequencies in the band 790-862 MHz

Site_name	ch	adm_ref_id	erp_h_dbw	long_deg	long_ew	long_min	long_sec	lat_deg	lat_ns	lat_min	lat_sec	sfn_id
HALDEN	62, 68*	HOY06	47,8	11	E	25	45	59	N	10	33	HOY06
VIKTJERNAASEn	62, 68*	VTJ06	30	11	E	21	48	59	N	42	16	HOY06
ØRJE FORT	62, 68*	ORJO03	18,2	11	E	38	46	59	N	28	54	HOY06

* Channel 68 may be used if an interference situation demands it.

Use of frequencies should be according to the ITU GE06 Agreement.