

 Electromagnetic Fields (EMF) Protection			
Country #1	Sweden		
EMF protection #2	Yes		
Instrument type #3	Ordinance	Guidance	Recommendation
Instrument coverage #4	National		
Title of Instrument #5			
a.	<p>Arbetskyddsstyrelsens kungörelse med föreskrifter om högfrekventa elektromagnetiska fält</p> <p>(engl. "Announcement of the Swedish Work Environment Authority with regulations on high frequency electromagnetic fields")</p>	<p>Myndigheternas försiktighetsprincip om lågfrekventa elektriska och magnetiska fält</p> <p>- Svenska</p> <p>(engl. "Low-Frequency Electrical and Magnetic Fields: The Precautionary Principle for National Authorities")</p> <p>- English</p>	<p>Statens strålskyddsinstitutets allmänna råd om begränsning av allmänhetens exponering för elektromagnetiska fält</p> <p>- Svenska</p> <p>("General Advice on the Limitation of Exposure of the General Public to Electromagnetic Fields")</p> <p>- English</p>
b.	<p>Statens strålskyddsinstitutets föreskrifter om torkning med mikrovågor</p> <p>(engl. "The Swedish Radiation Protection Institute's Regulations on Drying with Microwaves")</p>		
Issued by whom? #6	<p>a. Swedish Work Environment Authority</p> <p>b. Swedish Radiation Protection Authority</p>	<p>Swedish Work Environment Authority; The National Board of Housing, Building and Planning; Electrical Safety Administration; Social Welfare Agency; Swedish Radiation Protection Authority</p>	<p>Swedish Radiation Protection Authority</p>
Issued when? #7	<p>a. 1987</p> <p>b. 1995</p>	1996	2002
Is there a revision pending? #8	<p>a. Yes</p> <p>b. No</p>	No	No
Are the limits based on ICNIRP? #9	<p>a. No. Based on EHC 16 (1981) and NCRP No.86.</p> <p>b. Yes - ICNIRP</p>	No limits given	ICNIRP
Compliance #10	a.b. Mandatory	<p>Voluntary</p> <p>(Not legally binding)</p>	Voluntary
If mandatory - how is compliance	Inspection, measurements, check of operator		

verified? #11			
Group protected #12	a. Occupational only	Public and occupational	Public only
	b. Public only		
Frequency range covered #13	a. 3 MHz - 300 GHz	50 Hz	0 Hz - 300 GHz
	b. 10 MHz - 150 GHz		
Quantities #14	a.b. Reference levels	Reference levels	Basic restrictions and reference levels
Basic restriction quantities #15	No	No	Flux density (0 Hz), current density, SAR, power density
SAR details #16	No SAR	No SAR	
a. averaging time			6 min
b. averaging mass			10 g, local SAR
c. measurement method			CENELEC
Reference level quantities #17	RMS values of electric and magnetic field, magnetic flux density and power density		
Measurement method for reference level quantities #18	CENELEC standard, when available		
Multiple frequency exposure #19	No	No	Yes
Pulsed field exposure #20	Yes	N/A	Yes
Contact details #21	Gert Anger, Swedish Radiation Protection Authority, gert.anger@ssi.se Jan Westman, Swedish Work Environment Authority, jan.westman@av.se		
Request for limit data #22			
EMF handbook for general public #23	<p>RF fields</p> <ol style="list-style-type: none"> Title: Strålning från mobitelesystem. En informationsbroschyr från sex myndigheter. (engl. "<i>Radiation from mobile telecommunication system. An information of six authorities</i>") Publisher: Swedish Radiation Protection Authority, Social Welfare Agency, Swedish Work Environment Authority, National Post and Telecom Authority, Electrical Safety Administration, National Board of Housing, Building and Planning Publishing year: 2002 Pages: 11 		

5. Basis on WHO booklet?: No

6. Language: Swedish

7. Internet link:

http://www.ssi.se/ickejoniserande_stralning/mobiltele/stralning_mobil.pdf

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