

	Electromagnetic Fields (EMF) Protection
Country #1	Germany
EMF protection #2	Yes
Instrument type #3	Ordinance
Instrument coverage #4	National
Title of Instrument #5	
a.	26th BImSchV (pollution control order)
b.	BEMFV (Order on the procedure for providing proof as regards limiting exposure to electromagnetic fields)
Issued by whom? #6	a. Federal Ministry for Environment, Nature Conservation and Nuclear Safety (BMU)
	b. Federal Ministry of Economics and Labour (BMWA)
Issued when? #7	a. 16 December 1996
	b. 20 August 2002
Is there a revision pending? #8	Yes
Are the limits based on ICNIRP? #9	Yes
Compliance #10	Mandatory
If mandatory - how is compliance verified? #11	<ol style="list-style-type: none"> 1. Monitoring that the levels of exposure to EMFs comply with the implemented measures via the DIN VDE 0848, the BMWA order BEMFV at the Federal level and the 26th BImSchV at the land and municipal level. 2. Provided the Federal Law for the protection against emissions or an Order based thereon does not stipulate otherwise, reference levels in Table 2 of Annex III to Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz) 3. in addition, within the 9 kilohertz to 50 megahertz frequency range, the limit values for active implants in accordance with draft standard DIN VDE 0848-3-1/A1 (issued February 2001).
Group protected #12	Public
Frequency range covered #13	a. 16 2/3 Hz; 50 Hz; 10 MHz – 300 GHz
	b. 9 kHz – 300 GHz
Quantities #14	Basic restriction and reference levels
Basic restriction quantities #15	SAR

SAR details #16	
a. averaging time	
b. averaging mass	
c. measurement method	
Reference level quantities #17	RMS values of electric and magnetic field, magnetic flux density and power density
Measurement method for reference level quantities #18	German Standard DIN VDE 0848 Part 1 (issued August 2000)
Multiple frequency exposure #19	Yes
Pulsed field exposure #20	Yes
Contact details #21	<p># 5 a.</p> <p>Dr. Axel Böttger, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Robert-Schuman-Platz 3, Postfach 12 06 29, 53048 Bonn,</p> <p>Germany, tel. +49 (1888) 305 2960, fax: +49 (1888) 305 2899,</p> <p>E-Mail : Axel.Boettger@bmu.bund.de</p> <p>Elisabeth Meyer zu Rheda, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Robert-Schuman-Platz 3, Postfach 12 06 29, 53048 Bonn, Germany, tel. +49 (1888) 305 2911, fax: +49 (1888) 305 2899,</p> <p>E-Mail : Elisabeth.MeyerzuRheda@bmu.bund.de</p> <p># 5 b</p> <p>Dieter Garvert, Federal Ministry of Economics and Labour, Villemombler Str. 76,</p> <p>53123 Bonn, Germany, tel./fax: +49-228-615-3258/3265,</p> <p>E-Mail: dieter.garvert@bmwa.bund.de</p>
Request for limit data #22	
	<p>Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit(http://www.bmu.de/)</p> <ol style="list-style-type: none"> 1. Title: Deutsches Mobilfunk-Forschungsprogramm 2. Editor: Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit 3. Publisher: Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit

EMF handbook
for general
public #23

4. Publishing Year: 2003
5. Number of pages:26
6. Basis on WHO Brochure? No
7. Language: German
8. Contact: <http://www.bmu.de>

Bundesamt fuer Strahlenschutz (<http://www.bfs.de/>)

1. Title: Mobilfunk: Wie funktioniert das?
2. Editor: Bundesamt für Strahlenschutz
3. Publisher: Bundesamt für Strahlenschutz
4. Title: Mobilfunk: Wie funktioniert das eigentlich?
5. Publisher: Bundesamt fuer Strahlenschutz

4. Publishing Year: 2003

5. Number of Pages: 20

6. Basis on WHO Brochure? No

7. Language: German
8. Contact: <http://www.bfs.de/elektro/papiere>

1. Title : Strahlen Themen: Mobilfunk und Sendetürme
2. Editor :Bundesamt für Strahlenschutz
3. Publisher : Bundesamt für Strahlenschutz
4. Publishing Year: 2001
5. Number of pages: 4
6. Basis on WHO Brochure? No
7. Language: German
8. Contact: <http://www.bfs.de>

1. Title : Strahlen Themen: Strahlenschutz bei Radio- und Mikrowellen
2. Editor :Bundesamt für Strahlenschutz
3. Publisher : Bundesamt für Strahlenschutz
4. Publishing Year: 2002
5. Number of pages: 4
6. Basis on WHO Brochure? No
7. Language: German
8. Contact: <http://www.bfs.de>

Strahlenschutzkommission (<http://www.ssk.de/>)

1. Title: Grenzwerte und Vorsorgemaßnahmen zum Schutz der Bevölkerung vor elektromagnetischen Feldern
2. Editor: Geschäftsstelle der Strahlenschutzkommission, Bonn
3. Publisher: Strahlenschutzkommission

4. Publishing Year: 2001

5. Number of Pages: 66

6. Basis on WHO Brochure? No

7. Language: German, english translation is available

8. Contact: <http://www.ssk.de/>

1. Title: Schutz der Bevölkerung bei Exposition durch elektromagnetische Felder (bis 300 GHz)

2. Editor: Geschäftsstelle der Strahlenschutzkommission, Bonn
3. Publisher: Strahlenschutzkommission

4. Publishing Year: 1999

5. Number of Pages: 116

6. Basis on WHO Brochure? No

7. Language: German

8. Contact: http://www.ssk.de

Comment #24

Database of fixed radio installations in Germany with P > 10 Watt is at <http://emf.regtp.de>

[Europe](#) [World](#)

*Last Updated on 12-Nov-2003
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