

	<b>Electromagnetic Fields (EMF) Protection</b>	
Country #1	France	
EMF protection #2	Yes	
Instrument type #3	Ordinance and Decree	Recommendation
Instrument coverage #4	National	
Title of Instrument #5		
a.	<b>Base station</b> <u>Décret 2002-775 du 3 mai 2002 regarding public exposure to radiocommunication setups</u>	<u>Interministerial Guideline</u> as regards to mobile telephony base stations (BTS)
b.	<b>Mobile terminals</b> <u>Décret n°2003-961 du 8 octobre 2003 regarding the conformity assessment of mobile terminals.</u> Two « arrêtés » (implementing law) written in application of this decree : <u>1st arrêté du 8 octobre 2003</u> determines the limit exposure values for mobile terminals <u>2nd arrêté du 8 octobre 2003</u> makes the information compulsory about the SAR of mobile phones as well as the correct way of use.	UTE C 99-111 - Recommendation concerning exposure of workers to electromagnetic fields
Issued by whom? #6	Ministry of Industry	a. Government
		b. AFNOR/UTE: French National Standard Body
Issued when? #7	a. May, 3, 2002	a. October, 16, 2001
	b. October, 8, 2003	b. October, 2002
Is there a revision pending? #8	No	a. Yes
		b. No
Are the limits based on ICNIRP? #9	Yes ( <a href="#">EC 1999/519</a> )	Yes ( <a href="#">EC 2004/40</a> )
Compliance #10	Mandatory	a. Just informative
		b. Voluntary
	Base stations: measurements by <a href="#">ANFR</a> (National Frequencies Agency) and/or agreed measurement Societies.	a. Base stations: measurements by ANFR

If mandatory - how is compliance verified? #11	<p>Arrêté 2003-961 du 3 novembre 2003: Evaluation of conformity of telecommunications terminal equipment and radiofrequency equipment and their conditions to be put in the service according to the Telecommunications Law</p> <p>Others: <a href="#">ECC recommendation (02)04</a> measuring non-ionising electromagnetic radiation (9 kHz – 300 GHz).</p>	b. Minimum health and safety req. regarding workers exposure
Group protected #12	Public	<p>a. Public</p> <p>b. Occupational</p>
Frequency range covered #13	0 Hz - 300 GHz	<p>a. 900 MHz, 1800 MHz</p> <p>b. 0 Hz - 300 GHz</p>
Quantities #14	Basic restrictions and reference levels	<p>a. Reference levels and distances to antennas</p> <p>b. Basic restrictions and reference levels</p>
Basic restriction quantities #15	Magnetic flux (mT), current density (mA/m <sup>2</sup> ), SAR (W/kg)	<p>a. EC 1999/519</p> <p>b. EC 2004/40, <a href="#">ICNIRP</a></p>
SAR details #16	EC 1999/519	<p>a. EC 1999/519</p> <p>b. EC 2004/40, <a href="#">ICNIRP</a></p>
a. averaging time	6 minutes	6 minutes
b. averaging mass	10 g	10 g
c. measurement method	<p>mobile phone: EN 50360-2001</p> <p>EAS and RFID: EN 50364-2001</p> <p>other radio: EN 50371:2002</p> <p>other any: <a href="#">ECC REC (02)04</a></p>	<p>a.b. mobile phone: EN 50360-2001</p> <p>EAS and RFID: EN 50364-2001</p> <p>other radio: EN 50371:2002</p> <p>other any: <a href="#">ECC REC (02)04</a></p>
Reference level quantities #17	EC 1999/519	a.b. RMS electric and magnetic field strength at 900 and 1800 MHz
Measurement method for reference level quantities #18	<p>Base stations: <a href="#">National standard ANFR/DR-15</a></p> <p>or CENELEC EN 50385-2002</p> <p>other: <a href="#">ECC REC (02)04</a></p>	<p>a. Base stations: <a href="#">National standard ANFR/DR-15</a> or CENELEC EN 50385-2002</p> <p>other: <a href="#">ECC REC (02)04</a></p>
Multiple frequency exposure #19	Yes	Yes
Pulsed field exposure #20	Yes	Yes
Contact details #21	<p>Philippe Beaussire and Frédéric Jourdain</p> <p>DGS - Bureau 7-B</p> <p>8 Av. de Ségur</p> <p>75 350 Paris SP07</p> <p>France</p>	

Request for limit data #22	<p>E-mail: <a href="mailto:philippe.beaussire@sante.gouv.fr">philippe.beaussire@sante.gouv.fr</a> and <a href="mailto:frederic.jourdain@sante.gouv.fr">frederic.jourdain@sante.gouv.fr</a></p> <p>Union Technique de l'Electricité et de la Communication (UTE)          BP 23          92 262 Fontenay-aux-Roses Cedex          Tel: +33 1 40 93 62 00          Fax: +33 1 40 93 44 08          E-mail: <a href="mailto:ute@ute.asso.fr">ute@ute.asso.fr</a>          Internet: <a href="http://www.ute-fr.com">http://www.ute-fr.com</a></p> <p>To order: <a href="http://www.ute-fr.com/domino2/siteweb.nsf/WFRA/UTE?OpenDocument">http://www.ute-fr.com/domino2/siteweb.nsf/WFRA/UTE? OpenDocument</a></p>
EMF documents for general public #23	<p>Resources available on the websites of the <a href="#">French Health Ministry</a> and of the <a href="#">French Environmental Health and Safety Agency</a> Agence Française de Sécurité Sanitaire Environnementale, AFSSE/Avis &amp; Etudes/ Téléphones Mobiles : Santé &amp; sécurité (official reports &amp; regulation), and of the Ecology Ministry represented by <a href="#">INERIS</a>.</p> <p>Leaflet : Mobile phones : health &amp; security (<a href="#">Plaquette DGS : téléphonie mobile, santé et sécurité</a>), 2002</p> <p><a href="#">AFSSE Statement on mobile phone and health</a> (English/<a href="#">French</a>), 2003</p> <p>Press release about the statement on mobile phone and health (<a href="#">Communiqué de presse concernant l'avis de l'AFSSE</a>), 2003</p> <hr/> <ol style="list-style-type: none"> <li>1. Title: Les effets biologiques des rayonnements non ionisants</li> <li>2. Authors: Annette DUCHÊNE et Jacques JOUSSOT-DUBIEN</li> <li>3. Publisher: Flammarion Médecine-Sciences, Paris</li> <li>4. Publishing Year: 2001</li> <li>5. Number of Pages: 95</li> <li>6. Basis on WHO Brochure? No</li> <li>7. Language: French</li> <li>8. Contact: <a href="http://medecine.flammarion.com/">http://medecine.flammarion.com/</a></li> <li>9. Price: 12.00 €</li> </ol>

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