



P.A.F. - PHYSICAL AGENTS PORTAL

Tuscany Region - Health agency USL 7 of Siena
Public Health Laboratory - South East Tuscany Area - **Physical Agents Laboratory**



✉ Strada del Ruffolo - 53100 Siena (Italy) - ☎ Tel +39 0577 536097 - Fax +39 0577 536754

TECHNICAL FORM FOR NIR DATA COLLECTION

Test report form for EMF emission measurement data

Personal details

Test performed by:	(*)	Report completed by:
Date:	(*)	I declare to be authorized to publish the following proposed data
Place of the measurements:	(*)	
Working sector:		

Equipment under examination

Manufacturer:	(*)	Model:	(*)
Serial No.		Type:	

Instrumentation used for the measurement

Broadband meter:		Narrow-band meter:	
Brand:		Brand:	
Model:		Model:	
Brand of the antenna:		Brand of the antenna:	
Model of the antenna:		Model of the antenna:	
Data related to the calibration of the instruments issued by the EA center (or equivalent):		Data related to the calibration of the instruments issued by the EA center (or equivalent):	

Diagram of the measurement

Draw a graphical diagram of the measurement points in relation to the EMF source and /or add pictures of the measurements in jpeg format.

EMF technical specifications

<p>Sample file, if available, of the signal, in case of narrow-band measurement file .csv</p>	
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Technical specifications of the emission sources

Applicator Description	
Brand of the applicator (If not spun off from machinery repeat the data of the machinery)	
Model of the applicator	
Max power that can be delivered by the applicator [W]	
Working frequency/ies [Hz/ kHz/ MHz]	

Geometry of the emission sources 	Applicator Diagram	X	Y	Z

Source Measurements

Measurement point	R = Reference	Dir = perpendicular distance [cm]	Dis = parallel distance [cm]	H = Height from the ground [cm]	[Hz]Prevailing frequency	[V/m]Electric field	[μ.T]Magnetic field	[W]Power	Percentage of the action level Workers [%]	[%]Percentage of the action level Population
P1										
P2										
P3										
P4										
P5										
P6										
P7										
P8										
P9										

(Encode main ex.: control panel, side wall etc.)



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Measurements of the currents in the limbs

Frequency		Hz/kHz/MHz
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Measur. point	Position details, if any	Right arm	Left arm	Right ankle	Left ankle	Feet
P__						
P__						
P__						

The measurement points are always the same

Zoning (safety distances)

Zones	meters
Zone 0 is the area within which the levels of exposure are surely lower or same as reference levels for the general public (compliance with the Recommendation 199/519/EC).	
Zone 1 is the area within which the levels of exposure exceed the reference levels for the general public, but are lower or same as action levels set in the 2004/40/EC Directive	
Zone 2 is the area within which the levels of exposure to electromagnetic fields exceed the action values set in the 2004/40/EC Directive	

Notes:

Pdf of the measurement report, if any:

