

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: Place of the measurements: | (*) (*) | I declare to be authorized to publish the following proposed data |
| Working sector: | | |

Equipment under examination

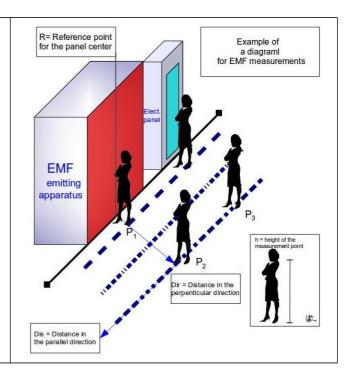
| Manufacturer: (*) | Model: | (*) |
|-------------------|--------|-----|
| Serial No. | Type: | |

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

Sample file, if available, of the signal, in case of narrow-band measurement file .csv



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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 | Applicator Diagram | x | Y | Z |
|--------------------------|-----------------------|---|---|---|
| sources | | | | |
| 1] | | | | |
| — | | | | |
| X | | | | |
| 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 | [μΤ]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 cur | rents in the | limbs : |
|-------------------------|--------------|---------|
|-------------------------|--------------|---------|

| Frequency | | | Hz/kHz/MHz | | | | | |
|------------------|--------|----------------------------|------------|-----|----------|-------------|------------|------|
| Measur. point | P | osition details, if any | Right | arm | Left arm | Right ankle | Left ankle | Feet |
| P | | | | | | | | |
| P | | | | | | | | |
| P | | | | | | | | |
| The measureme | ent po | oints 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: | |
|--------|--|
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| | |

Pdf of the measurement report, if any: