

Wireless and Information Technologies

2. Measurement Systems



Human Exposure to RF Electromagnetic Fields

Instrument:	Handheld selective radiation meter
Model:	Narda SRM-3006
Frequency Range:	9 kHz to 6 GHz
Antenna:	Triaxial E-field antenna 27 MHz to 3 GHz
Special feature: measurements	Code selective UMTS and LTE
Tests:	Field measurements of electric field strengths for different radio services in terms of human exposure in RF electromagnetic fields



Human Exposure to ELF Fields

Instrument:	Combined E- and H- field analyser
Model:	Narda EHP-50F
Frequency range:	1 Hz to 400 kHz
Special feature:	Weighted peak assessment, FFT spectral analysis
Tests:	Field measurements of ELF electric and magnetic fields, e.g., at electrical power supply sites (overhead lines, transformer stations)

