

GLOSSARY

2, 3, 4 G	2 nd to 4 th Generation Mobile Communication Systems
ACTH	Adrenocorticotropic Hormone
AEP	Auditory Evoked Potential
AGNIR	Independent Advisory Group on Non-Ionizing Radiation
AIF	Apoptosis Inducing Factor
AM	Amplitude Modulation
AMPS	Advanced Mobile Phone System (analog)
ANOVA	Analysis of Variance
CAS	Contralateral Acoustic Stimulation
CASA	Computer Assisted Sperm Analysis
CAT	Catalase
CDMA	Code Division Multiple Access
CNS	Central Nervous System
CW	Continuous Radiofrequency Wave
DAB	Digital Audio Broadcasting
DBMA	Dimethylbenz (A)anthracene
DCS	Digital-Coded Squelch
DECT	Digital Enhanced Cordless Telecommunications
DEN	Diethylnitrosamine
DMBA	7,12-Dimethylbenz(a)anthracene
DNA	Deoxyribonucleic acid
DPOEA	Distortion Product Otoacoustic Emission
EEG	Electroencephalography
EFHRAN	European Health Risk Assessment Network on Electromagnetic Fields
EHF	Extremely High Frequency
EHS	Electromagnetic Hypersensitivity Syndrome
EIRP	Equivalent Isotropically Radiated Power
ELF	Extremely Low Frequency
EMF	Electromagnetic Fields
ENU	N-ethyl-N-nitrosourea
EPRI	Electric Power Research Institute
FCC	Federal Communications Commission
FDG	Fluorodeoxyglucose
FDMA	Frequency Division Multiplexing Access
FOPH	Swiss Federal Office of Public Health

FM	Frequency Modulation
GHz	Gigahertz
GPx	Glutathione peroxidase
GSM	Global System for Mobile Communication
HAN	Home Area Network
HF	High Frequency
Hz	Hertz
hsp	heat shock protein
HSPA	High Speed Packet Access
HSDPA	High Speed Downlink Packet Access
ICNIRP	International Commission on Non-Ionizing Radiation Protection
IEEE	Institute of Electrical and Electronics Engineers
IEI	Idiopathic Environmental Intolerance
ISM Band	Industrial, Scientific, and Medical
Kg	Kilogram
LAN	Local Area Network
LF	Low Frequency
LTE	Long Term Evolution
MANOVA	Multivariate Analysis of Variance
MBPS	Mobile Phone Base Station
MCS	Multiple Chemical Sensitivities
MDA	Malondialdehyde
MF	Medium Frequency
MRI	Magnetic Resonance Imaging
MHz	Megahertz
MPBS	Mobile Phone Base Station
MX	3-Chlor-4-(dichloromethyl)-5-Hydroxy-2-(5h)furanone
NIRS	Near Infrared Spectroscopy
NMR	Nuclear Magnetic Resonance
NSPS	Non-Specific Physical Symptoms
ODC	Ornithine Decarboxylase
OER	Observed Expected Ratios
OFDMA	Orthogonal Frequency Division Multiple Access
OR	Odds Ratio
PKC	Protein Kinase C
PEM	Personal Exposure Meters
PET	Positive Emission Tomography

PMA	Phorbol-12-myristate-13 acetate
PTA	Pure Tone Audiometry
PW	Pulse Wave
PWC	Power Control
PTA	Pure Tone Audiometry
rCBF	Regional Cerebral Blood Flow
RF	Radiofrequency
RFA	RF Ablation
RF-EMF	Radiofrequency Electromagnetic Fields
RMS	Root-Mean-Square
RNA	Ribonucleic Acid
ROS	Reactive Oxygen Species
RR	Relative Risk
SAR	Specific Absorption Rate
SCENIHR	Scientific Committee on Emerging and Newly Identified Health Risks
SMP	Software Modified Phone
SMR	Standardized Mortality Ratio
SOD	Superoxide Dismutase
TAC	Total Antioxidant Capacity
TDMA	Time Division Multiple Access
TEM	Transverse Electromagnetic Cell
TEOAE	Transiently Evoked Otoacoustic Emissions
TETRA	Terrestrial Trunked Radio
TPA	12-O-tetradecanoylphorbol-13-acetate
UHF	Ultra High Frequency
ULF	Ultra Low Frequency
UMTS	Universal Mobile Telecommunications Systems
USB	Universal Serial Bus
VGCC	Voltage-Gated Calcium Channels
VHF	Very High Frequency
VLF	Very Low Frequency
W	Watts
WCDMA	Wideband CDMA (Code Division Multiple Access)
WHO	World Health Organization
WiFi	Wireless Fidelity, Wireless Internet
WiMax	Worldwide Interoperability for Microwave Access
WLAN	Wireless Local Area Networks