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## Glossary

ACB	Association of Competent Bodies (Europe)
ACMA	Australian Communications and Media Authority
ADSL	Asymmetrical Digital Subscriber Line
AE	Associated (ancillary) equipment
ALSE	Absorber Lined Shielded Enclosure
AM	Amplitude modulation
AMN	Artificial Mains Network
ANSI	American National Standards Institute
ASIC	Application Specific Integrated Circuit
BBC	British Broadcasting Corporation
BCI	Bulk current injection
BPL	Broadband over Power Lines
BSMI	Bureau of Standards, Metrology and Inspection (Taiwan)
CAD	Computer-aided design
CB	Citizen's band
CBN	Common bonded network
CCC	China Compulsory Certification
CCTV	Closed circuit television
CDN	Coupling/decoupling network
CEN	European Committee for Standardization
CENELEC	European Committee for Electrotechnical Standardization
CISPR	International Special Committee for Radio Interference
CMAD	Common mode absorbing device
CMR	Common mode rejection
CW	Carrier wave (unmodulated continuous RF)
DIS	Draft International Standard
DTI	Department of Trade and Industry
E field	Electric field
EAEU	Eurasian Economic Union
EC	European Commission
EEA	European Economic Area
EED	Electro-explosive device
EEPROM	Electrically erasable programmable read-only memory
EFT/B	Electrical Fast Transient/Burst
EMC	Electromagnetic compatibility
EMCTLA	EMC Test Laboratories Association (UK)
EMF	Electromagnetic Fields
EMI	Electromagnetic interference

EMP	Electromagnetic pulse
EMR	Electromagnetic radiation
EOTC	European Organization for Testing and Certification
ESA	Electronic sub assembly
ESD	Electrostatic discharge
ETSI	European Telecommunications Standards Institute
EU	European Union
EUT	Equipment under test
FAR	Fully Anechoic Room
FCC	Federal Communications Commission (US)
FET	Field effect transistor
FEXT	Far-end crosstalk
FFT	Fast Fourier Transform
GDT	Gas discharge tube
GSM	Groupe Special Mobile
GTEM	Gigahertz TEM cell
H field	Magnetic field
HEMP	High-altitude Electromagnetic Pulse
HF	High frequency
HPEM	High Power Electromagnetic
HV	High voltage
I/O	Input/output
IC	Integrated circuit; also Industry Canada
ICNIRP	International Commission on Non-Ionizing Radiation Protection
IEC	International Electrotechnical Commission
IEEE-488	IEEE standard for data communications between test instruments
IEMI	Intentional EMI
IF	Intermediate frequency
IGBT	Insulated gate bipolar transistor
ISDN	Integrated Services Digital Network
ISM	Industrial, scientific and medical
ISN	Impedance stabilization network
ISO	International Standards Organization
ITE	Information technology equipment
ITO	Indium Tin Oxide
ITU	International Telecommunications Union
LAN	Local Area Network
LCL	Longitudinal Conversion Loss
LEMP	Lightning Electromagnetic Pulse
LF	Low frequency
LISN	Line impedance stabilizing network
LLA	Large Loop Antenna
LP	Log periodic
LPS	Lightning protection system
LRU	Line replaceable unit
LV	Low voltage

MDD	Medical Devices Directive
MESH-BN	Mesh bonded network
MF	Medium frequency
MOSFET	Metal oxide semiconductor FET
MOV	Metal oxide varistor
MS	Mains signalling
MV	Medium voltage
NATA	National Association of Testing Authorities, Australia
NEMP	Nuclear electromagnetic pulse
NEXT	Near-end crosstalk
NPL	National Physical Laboratory
NSA	Normalized Site Attenuation (also NSIL, Normalized Site Insertion Loss)
NVRAM	Non Volatile Random Access Memory
OATS	Open area test site
OEM	Original equipment manufacturer
OJEU	Official Journal of the European Union
PC	Personal computer
PCB	Printed circuit board
PEC	Parallel earth conductor
PFC	Power factor correction
PLC	Programmable logic controller
PLT	Power line telecommunication
PRF	Pulse repetition frequency
PSU	Power supply unit
PWM	Pulse width modulation
QP	Quasi-peak
RAM	Random access memory (also RF absorbent material)
RF	Radio frequency
RFI	Radio frequency interference
RMS	Root mean square
ROM	Read only memory
RTCA	Radio Technical Commission of America
SAE	Society of Automotive Engineers
SI	Statutory Instrument (also Système Internationale)
SIL	Safety Integrity Level
SMPS	Switched mode power supply
SMT	Surface mount technology
SPD	Surge protection device
STI	Surface transfer impedance
TCB	Telecommunications Certification Body (US)
TEM	Transverse electromagnetic mode
TETRA	Trans European Trunked Radio Access
THD	Total harmonic distortion
TTE	Telecommunications terminal equipment
TVS	Transient voltage suppressor

UART	Universal asynchronous receiver/transmitter
UKAS	United Kingdom Accreditation Service
USB	Universal Serial Bus
VCCI	Voluntary Control Council for Interference (Japan)
VDE	Verband Deutscher Elektrotechniker (Association of German Electrical Engineers)
VDR	Voltage dependent resistor
VDSL	Very high speed digital subscriber line
VDU	Visual display unit
VLSI	Very large scale integration
VSWR	Voltage standing wave ratio
ZnO	Zinc Oxide (varistor)