
List of Acronyms

2D	Two-Dimensional
3D	Three-Dimensional
ACS	Asymmetrical Coplanar Strip
CPS	Coplanar Stripline
CPW	Coplanar Waveguide
CSRR	Complementary Split Ring Resonator
CST MWS	Computer Simulation Technology Microwave Studio
DGS	Defected Ground Structure
DLTTLPA	Dielectric Loaded Trapezoidal Toothed Log-periodic Antenna
DRA	Dielectric Resonator Antenna
EBG	Electromagnetic Band Gap
ECC	Envelope Correlation Coefficient
EM	Electromagnetic
EMC	Electromagnetic Compatibility
FCC	Federal Communication Commission
FEM	Finite Element Method
FIA	Frequency Independent Antenna
HF	High Frequency
HFSS	High Frequency Structure Simulator
HiperLAN	High Performance Radio LAN
HSRS	Hexagonal Split Ring Slot
IDCLLR	Interdigital Capacitance Loading Loop Resonators
ITU	International Telecommunication Union
JJA	Josephson Junction Array
LPA	Log-Periodic Antenna
LPDA	Log-Periodic Dipole Array
MEBG	Metallo Electromagnetic Band Gap
MIMO	Multiple-Input-Multiple-Output
MPA	Microstrip Patch Antenna
MS	Microstrip Line

MS-to-CPS	Microstrip Line-to-Coplanar Stripline
PCB	Printed Circuit Board
PMA	Planar Monopole Antenna
PSD	Power Spectral Density
QSCA	Quasi-Self-Complementary Antenna
RSRS	Rectangular Split Ring Slot
SAMC	Spiral Artificial Magnetic Conductor
SCA	Self-Complementary Antenna
SFF	System Fidelity Factor
SIR	Stepped Impedance Resonator
SNR	Signal to Noise Ratio
TLPA	Toothed Log-Periodic Antenna
TTLPA	Trapezoidal Toothed Log-Periodic Antenna
TV	Television
UHF	Ultra High Frequency
UMTS	Universal Mobile Telecommunication Service
UWB	Ultrawideband
VNA	Vector Network Analyzer
VSWR	Voltage Standing Wave Ratio
WiMAX	Worldwide Interoperability for Microwave Access
WLAN	Wireless Local Area Network