
List of Acronyms

AOA	Angle of Arrival
AWGN	Additive White Gaussian Noise
AMPS	Advanced Mobile Phone System
CTIA	Cellular Telecommunication Industry Association
CSI	Channel State Information
CST MWS	Computer Simulation Technology Microwave Studio
CDF	Cumulative Distribution Function
CTIA	Cellular Telecommunication Industry Association
DGS	Defected Ground Structure
EBG	Electromagnetic Band Gap
EDG	Effective Diversity Gain
EDGE	Enhance Data Rate for GSM Evolution
EMC	Electromagnetic Compatible
FEM	Finite Element Method
FIT	Finite Integration Technique
GPRS	General Packet Radio Service
GSM	Global System for Mobile Communications
HFSS	High Frequency Structure Simulator
IMT	International Mobile Telecommunications
IFA	Inverted-F Antenna
ITU	International Telecommunication Union
IMT-A	International Mobile Telecommunications–Advance
ITU-R	International Telecommunication Union-Radio Communications Sector
LOS	Line-of-Sight
LTE-A	Long Term Evolution-Advanced
MIMO	Multiple Input Multiple Output
MISO	Multiple Input and Single Output

MAS	Multi Antenna System
NMT	Nordic Mobile Telephone
PDA	Personal Digital Assistant
PEC	Perfect Electric Conductor
PIFA	Planar Inverted-F Antenna
PMA	Planar Monopole Antenna
PCB	Printed Circuit Board
QoS	Quality of Service
RDF	Radio Direction Finding
SNR	Signal-to-Noise Ratio
SIMO	Single Input Multiple Output
SISO	Single Input Single Output
SC-MSA	Short-Circuit Rectangular Microstrip Antennas
SAR	Specific Absorption Rate
SRR	Split Ring Resonator
SMA	Sub Miniaturization Version A
SAM	Specific Anthropomorphic Mannequin ()
TACS	Total Access Communication System
TL	Transmission Line
TRP	Total Radiated Power
USB	Universal Serial Bus
WiBro	Wireless Broadband Internet
Wi-Fi	Wireless Fidelity
WLAN	Wireless Local Area Network
WiMAX	Worldwide Interoperability for Microwave Access