WireIE List of Technical Acronyms

TERM	EXPLANATION
3GPP	Third Generation Partnership Project
3GPP2	3G Partnership Project 2
AAS	Adaptive Antenna System also Advanced Antenna System
ACK	Acknowledge
AES	Advanced Encryption Standard
AG	Absolute Grant
AMC	Adaptive Modulation and Coding
A-MiMO	Adaptive Multiple Input Multiple Output (Antenna)
AP	Access point
ARQ	Automatic Repeat reQuest
ASM	Adaptive MIMO Switching
ASN	Access Service Network
ASP	Application Service Provider
BE	Best Effort
BRAN	Broadband Radio Access Network
BS	Base station
BSU	Base station unit
BWA	Broadband Wireless Access
CC	Chase Combining (also Convolutional Code)
CCI	Co-Channel Interference
CCM	Counter with Cipher
CDF	Cumulative Distribution Function
CDMA	Code Division Multiple Access
CINR	Carrier to Interference + Noise Ratio
CMAC	Cipher Based Media Access Control
CP	Cyclic Prefix
CQI	Channel Quality Indicator
CSMA/CA	Carrier sense multiple access with collision avoidance
CSMA/CD	Carrier sense multiple access with collision detection
CSN	Connectivity Service Network
CSTD	Cyclic Shift Transmit Diversity
CTC	Convolutional Turbo Code
DL	Downlink
DOCSIS	Data over Cable Service Interface Specification
DSL	Digital Subscriber Line
DSSS	Direct sequence spread spectrum
DVB	Digital Video Broadcast
EAP	Extensible Authentication Protocol
EESM	Exponential Effective SIR Mapping
EIRP	Effective Isotropic Radiated Power
ErtVR	Extended Real Time Variable Rate

ETSI	European Telecommunications Standards Institute
FBSS	Fast Base Station Switch
FCC	Federal Communications Commission
FCH	Frame Control Header
FDD	Frequency Division Duplex
FFT	Fast Fourier Transform
FTP	File Transfer Protocol
FUSC	Fully Used Sub Channel
GPS	Global Positioning System
HARQ	Hybrid Automatic Repeat reQuest
HHO	Hard Hand Off
HiperMAN	High Performance Metropolitan Area Network
HMAC	keyed Hash Message Authentication Code
HO	Hand Off
HTTP	Hyper Text Transfer Protocol
IE	Information Element
IEEE	Institute of Electrical and Electronics Engineers
IEFT	Internet Engineering Task Force
IFFT	Inverse Fast Fourier Transform
IMS	IP Multimedia subsystem. An architectural framework for delivering internet protocol (IP) multimedia to mobile users. Developed under 3GPP and is an evolution of 3G mobile networks beyond GSM.
IP	Internet Protocol
IR	Incremental Redundancy
ISI	Inter Symbol Interference
LAN	Local area network
LDPC	Low Density Parity Check
LOS	Line of Sight
LTE	Long Term Evolution. Specification defined by 3GPP for next evolution mobile communication systems. A complementary framework for core network evolution based on IP and incorporating IMS.
MAC	Media Access Control
MAI	Multiple Access Interference
MAN	Metropolitan area network
MAP	Media Access Protocol
MBS	Multicast and Broadcast Service
MDHO	Macro Diversity Hand Over
MIMO	Multiple Input Multiple Output (Antenna)
MMS	Multimedia Message Service
MPLS	Multi Protocol Label Switching
MS	Mobile Station
MSO	Mobile Switching Office
MSO	Multi Services Operator
NACK	Negative Acknowledge
NAP	Network Access Provider
NLOS	Non Line of Site
NRM	Network Reference Model
nrtPS	Non Real Time Packet Service
NSP	Network Service Provider

OFDM	Orthogonal Frequency Division Multiplex
OFDMA	Orthogonal Frequency Division Multiple Access
P2MP	Point to Multipoint
P2P	Point to Point
PAN	Personal area network
PER	Packet Error Rate
PF	Proportional Fair (Scheduler)
PHY	Physical layer
PKM	Public Key Management
PoP	Point of presence
PUSC	Partially Used Sub Channel
QAM	Quadrature Amplitude Modulation
QoS	Quality of service
QPSK	Quadrature Phase Shift Keying
RF	Radio frequency
RG	Relative Grant
RR	Round Robin (Scheduler)
RRI	Reverse Rate Indicator
RTG	Receive/transmit Transition Gap
rtPS	Real Time Packet Service
RUIM	Removable User Identify Module
SDMA	Space (or Spatial) Division (or Diversity) Multiple Access
SF	Spreading Factor
SFN	Single Frequency Network
SGSN	Serving GPRS Support Node
SHO	Soft Hand Off
SIM	Subscriber Identify Module
SINR	Signal to Interference + Noise Ratio
SISO	Single Input Single Output (Antenna)
SLA	Service Level Agreement
SM	Spatial Multiplexing
SMS	Short Message Service
SNIR	Signal to Noise + Interference Ratio
SNR	Signal to Noise Ratio
S-OFDMA	Scalable Orthogonal Frequency Division Multiple Access
SS	Subscriber station
STC	Space Time Coding
TDD	Time Division Duplex
TEK	Traffic Encryption Key
TTG	Transmit/receive Transition Gap
TTI	Transmission Time Interval
TU	Typical Urban (as in channel model)
UE	User Equipment
UGS	Unsolicited Grant Service
UL	Uplink
UMTS	Universal Mobile Telephone System
USIM	Universal Subscriber Identify Module
UWB	Ultra Wide Band

VLAN	Virtual Local Area Network
VoIP	Voice over Internet Protocol
VPN	Virtual Private Network
VSF	Variable Spreading Factor
WAN	Wide area network
WAP	Wireless Application Protocol
WDSL	Wireless DSL
WiBro	Wireless Broadband (Service)
Wi-Fi	Wireless fidelity. Used generically when referring to any type of 802.11 network
WiMAX	Worldwide Interoperability for Microwave Access
WISP	Wireless Internet service provider
WLAN	Wireless local area network
WMAN	Wireless metropolitan area network
WWAN	Wireless wide area networks