

Acronyms

Acronym	Description
3G	3rd Generation
3GPP	3rd Generation Partnership Project
AMC	Adaptive Modulation and Coding scheme
ARQ	Automatic Repeat Request
BW	Bandwidth
BS	Base Station
CDMA	Code Division Multiple Accesses
DL	Downlink
eNB	Enhanced Base station
FTB	Fixed Transmission Bandwidth
FPC	Fractional Power Control
FDD	Frequency Division Duplex
FDMA	Frequency division multiple access
G-IPC	Generalized Interference based Power Control
GSM	Global System for Mobile Communications
PAPR	Peak-to-Average Power Ratio
HSPA	High Speed Packet Access
HARQ	Hybrid Automatic Repeat Request
IoT	Interference over Thermal noise
IP	Internet Protocol
LA	Link Adaptation
LTE	Long Term Evolution
MRC	Maximal Ratio Combining

MIMO	Multi Input Multi Output
OFDM	Orthogonal Frequency Division Multiplexing
OFDMA	Orthogonal Frequency Division Multiple Access
PG	Pathgain
PL	Pathloss
PHY	Physical Layer
PRB	Physical Resource Block
PUSCH	physical uplink shared channel
PC	power control
PSD	Power Spectral Density
QoS	Quality of Service
RRC	Radio Resource Control
RRM	Radio Resource Management
RSRP	Reference Symbol Received Power
SINR	Signal to Interference Noise Ratio
SNR	Signal-to-Noise Ratio
SC-FDMA	Single Carrier- Frequency Division Multiple Access
SDMA	Space Division Multiple Accesses
TDD	Time Division Duplex
TDM	Time division multiplexing
TDMA	Time division multiple access
TPC	Transmit power control
TTI	Time Transmission Interval
Tx	Transmitting power
UL	Uplink
UE	User Equipment

UTRA	Universal terrestrial radio access
UTRAN	Universal terrestrial radio access network
WCDMA	Wideband Code Division Multiple Access