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Abbreviations and Acronyms

1G	first generation
2G	second generation
3G	third generation
AMPS	advanced mobile phone system
ADC	analog-to-digital conversion
AWGN	additive white Gaussian noise
BPSK	binary phase-shift keying
BER	bit error rate
bps	bit per second
CDMA	code division multiple access
DS-CDMA	direct sequence code division multiple access
dB	decibel
EIA IS-95	Electronic Industries Association Interim Standard - 95
FDMA	frequency division multiple access
FEC	forward error correction
FH-CDMA	frequency hopping code division multiple access

GSM	Group Special Mobile or Global System for Mobile Communications
GA	Gaussian approximation
IS-95	interim standard 95
ISI	intersymbol interference
ITU	International Telecommunication Union
IP	Internet Protocol
IMT-2000	International Mobile Telecommunications by the year 2000
kbps	kilobits per second
LOS	line of sight
Layer 2	data link layer
MAI	multiple access interference
MCM	multi carrier modulation
MAC	media access control
MIMO	multiple inputs multiple outputs
MFSK	M-ary frequency shift keying
MC-CDMA	multicarrier code division multiple access
MT-CDMA	multitone code division multiple access
Mbps	megabits per second

NMT	Nordic mobile telephony
OFDM	orthogonal frequency division multiplexing
pdf	probability density function
PN	pseudo-noise
QS	Quasi synchronous
QoS	quality of service
QPSK	quadrature phase-shift keying
RF	radio frequency
rms	root mean square
SINR	signal to interference and noise ratio
SGA	standard Gaussian approximation
SNR	signal to noise ratio
TIA IS-95	Telecommunications Industry Association Interim Standard - 95
TDMA	time division multiple access
TCP	transmission control protocol
UHF	ultra high frequency
WLL	wireless local loop