

Apéndice A. Lista de Acrónimos

<i>Acrónimo</i>	<i>Significado</i>
ACI	Adjacent Channel Interference
AM	Amplitude Modulation
AMC	Adaptive Modulation and Coding
AMPS	Advanced Mobile Phone System
ARQ	Automatic Repeat Request
AWGN	Additive White Gaussian Noise
BB	Banda Base
BER	Bit Error Rate
BPSK	Binary Phase Shift Keying
BPF	Band Pass Filter
BW	Bandwidth
CCK	Complementary Code Keying
CD	Corriente Directa
CDMA	Code Division Multiple Access
CDPD	Cellular Digital Packet Data
COFDM	Coded Orthogonal Frequency Division Multiplexing
CRL	Carrier Recovery Loop
CSI	Channel State Information
CWTS	China Wireless Telecommunication Standards group

<i>Acrónimo</i>	<i>Significado</i>
DAB	Digital Audio Broadcasting system
DL	Down Link
DQPSK	Differential Quadrature Phase Shift Keying
DMPSK	Differential M-ary Phase Shift Keying
DS-CDMA	Direct Sequence Code Division Multiple Access
DSP	Digital Signal Processing
Eb/No	Energy per bit to noise energy ratio (similar to SNR)
ETSI	European Telecommunication Standards Institute
ESMR	Enhanced Specialized Mobile Radio
FDD	Frequency Division Duplex
FDM	Frequency Division Multiplexing
FDMA	Frequency Division Multiple Access
FCC	Federal Communication Commission
FFT	Fast Fourier Transform
FH-CDMA	Frequency Hopping Code Division Multiple Access
FIR	Finite Impulse Response filter
FM	Frequency Modulation
GERAN	GSM EDGE Radio Access Network
GFSK	Gaussian Frequency Shift Keying
GMSK	Gaussian Minimum Shift Keying
GSM	Global System for Mobile telecommunications

GPP	General Purpose Processor
<i>Acrónimo</i>	<i>Significado</i>
HPA	High Power Amplifier
HPSK	Hybrid Phase Shift Keying
I()	In Phase
iDEN	Integrated Dispatch Enhanced Network (Motorola designed system for dispatch, cellular, and conference calling)
IEEE	Institute of Electrical and Electronics Engineers
IF	Intermediate Frequency
IFFT	Inverse Fast Fourier Transform
IMTS	Improved Mobile Telephone Service
IP	Internet Protocol
I/Q	In phase / Quadrature
IS-54	International Standard for US Digital Cellular (NADC)
IS-95	International Standard for the CDMA phone system developed by Qualcomm Inc.
ISD	Integrate Sample and Dump
ISDN	Integrated Services Digital Network
ISI	InterSymbol Interference
ISP	Internet Service Provider
ITR	Institute for Telecommunications Research
LAN	Local Area Network

LEO	Low Earth Orbit satellite
LLR	Log Likelihood Ratio
<i>Acrónimo</i>	<i>Significado</i>
LO	Local Oscillator
LPDC	Low Density Parity Check
LPF	Low Pass Filter
MLSE	Maximum Likelihood Sequence Estimator
<i>M</i> -PSK	<i>M</i> -ary Phase Shift Keying
<i>M</i> -QAM	<i>M</i> -ary Quadrature Amplitude Modulation
2-MSK	2-Minimum Shift Keying
MTS	Mobile Telephone Service
OCQPSK	Orthogonal Complex Quadrature Phase Shift Keying
OEM	Onda Electromagnética
OFDM	Orthogonal Frequency Division Multiplexing
OQPSK	Offset Quadrature Phase Shift Keying
OVSF	Orthogonal Variable Spreading Factor
PAMR	Public Access Mobile Radio
PAN	Personal Area Network
PAPR	Peak to Average Power Ratio
PCS	Personal Communications Systems
PDA	Personal Digital Assistant
PDF	Probability Density Function

PLL	Phase Locked Loop
PMR	Private Mobile Radio
PSD	Power Spectral Density
<i>Acrónimo</i>	<i>Significado</i>
Q()	Quadrature
QAM	Quadrature Amplitude Modulation
QASK	Quadratura Amplitude Shift Keying
QoS	Quality of Service
QPSK	Quadrature Phase Shift Keying
RF	Radio Frequency
RMS	Root Mean Square
RRC	Root Raised cosine
SINR	Signal to Interference plus Noise power Ratio
SMS	Short Message Service
SNR	Signal to Noise Ratio
SOPK	Soft Orthogonal Phase shift Keying
SSB	Single SideBand
TDD	Time Division Duplex
TDM	Time Division Multiplexing
TDMA	Time Division Multiple Access
TD-SCDMA	Time Division Synchronous Code Division Multiple Access
TETRA	TErrestrial TRunked RAdio

TWT	Travelling Wave Tube
UL	Up Link
UMTS	Universal Mobile Telecommunications System
UTRAN	Universal Terrestrial Radio Access Network
<i>Acrónimo</i>	<i>Significado</i>
VCO	Voltage Controlled Oscillator
VSELP	Vector Sum Excited Linear Prediction
VSLI	Very Large Scale Integration
WAP	Wireless Area Protocol
WBAN	Wireless Body Area Network
WiFi	Wireless Fidelity
WiMax	Worldwide Interoperability for Microwave Access
xGCM	xG Coded Modulation