

<u>Abbreviation / Acronym</u>	<u>Definition</u>
A	Amp
AC	Alternating Current
ACLR	Adjacent Channel Leakage Power Ratio
ACP	Adjacent Channel Power
A/D	Analog-to-Digital Conversion
ADC	Analog-to-Digital Converter
	Automatic Data Collection
AGC	Automatic Gain Control
AISG	Antenna Interface Standards Group
ALD	Antenna Line Device
AM	Amplitude Modulation
AMPS	Advanced Mobile Phone System
AN	Access Node
ANSI	American National Standards Institute
APC	Automatic Power Control
	Adaptive Predictive Coding
APCO	Association of Public Safety Communications Officials
API	Applications Programmable Interface
APTT	Analog Push To Talk
ASG	Applications Support Group
ASIC	Application Specific Integrated Circuit
ATE	Automatic (Automated) Test Equipment
ATP	Acceptance Test Procedure
ATS	Automatic Transfer Switch
ATTEN	Attenuator
AWG	American Wire Gauge
BER	Bit Error Rate
BIS	Bureau of Industry and Security
BMU	Base Station Master Unit
BOM	Bill Of Materials
BPF	Band Pass Filter
BS	Base Station
BSC	Base Station Controller
BSI	Bilateral Symmetric Interference
BTCM	Battery Temperature Compensation and Monitoring
BTS	Base Transceiver Station (System)
BTU	British Thermal Unit
BW	BandWidth
°C	Degrees Celsius
CAD	Computer Aided Design
CCA	Circuit Card Assembly
CCW	Counter-Clockwise
CDMA	Code Division Multiple Access
CDPD	Cellular Digital Packet Data
CFM	Cubic Feet per Minute
CILOC	Current Injector and Layer One Converter
CL	Centerline
CNF	Cylindrical Near Field
CO	Central Office
COLT	Cell on Light Truck
COW	Cell on Wheels

CR.....	Cognitive Radio
.....	Congestion Relief (iDEN)
CTIA.....	Cellular Telephone Industry Association
CTRL.....	Control
CW.....	Clockwise
	Continuous Wave
dB.....	Decibel
dBc.....	Decibels referenced to a carrier level
dBm.....	Decibels referenced to a specific power level (one milliwatt)
dBw.....	Decibels referenced to a specific power level (one watt)
DAP.....	Dispatch Application Processor
DCCP.....	Datagram Congestion Control Protocol
DDA.....	Donor Duplexer Assembly
DDS.....	Direct digital synthesis
DFS.....	Dynamic Frequency Selection
DIN.....	Deutsches Insitut für Normung eV
DLNA.....	Duplexer Low Noise Amplifier
DPTT.....	Digital Push To Talk
DQPSK.....	Differential Quadrature Phase Shift Keyed
DSP.....	Digital Signal Processing
DSA.....	Dynamic Spectrum Access
DT.....	Downtilt
DTx.....	Discontinuous Transmission
DUT.....	Device Under Test
EAR.....	Export Administration Regulations
ECCN.....	Export Control Classification Number
ECD.....	Estimated Completion Date
ECM.....	Electronic Counter Measure
EDGE.....	Enhanced Data for GSM Evolution
EEPROM.....	Electrically-Erasable Programmable Read-Only Memory
EIA.....	Electronic Industries Association
EMC.....	Electromagnetic Compatibility
EMI.....	Electromagnetic Interference
EPROM.....	Electrically Programmable Read-Only Memory
	Erasable Programmable Read-Only Memory
ESD.....	Electrostatic Discharge
ESG.....	Electronic Signal Generator
ETDMA.....	Extended Time Division Multiple Access
ETSI.....	European Telecommunications Standard Institute
EUT.....	Equipment Under Test
°F.....	Degrees Fahrenheit
FAR.....	Failure Analysis Report
FCC.....	Federal Communications Commission
FCPA.....	Foreign Corrupt Practices Act
FDD.....	Frequency Division Duplexing
FDMA.....	Frequency Division Multiple Access
FET.....	Field Effect Transistor
FHMA.....	Frequency Hopping Multiple Access
FM.....	Frequency Modulation
FOC.....	Fiber Optic Cable
FON.....	Fiber Optic Node
FOR.....	Fiber Optic Repeater
FOU.....	Fiber Optic Unit

FRU	Field Replaceable Unit
FSK.....	Frequency Shift Key modulation
Gbps	Gigabits per second
GBps.....	Gigabytes per second
GCS	Group Call Service
GFCI	Ground Fault Circuit Interrupter
GFI.....	Ground Fault Interrupter
GHz.....	Gigahertz
GMSK	Gaussian Minimum Shift Keying
GSC	Golay Sequential Code
GSM.....	Global System for Mobile Communications
GWS	Global Wireless Solutions
HAAT	Height Above Average Terrain
HP	Horse Power
HPF.....	High Pass Filter
HSDPA	High Speed Downlink Packet Access
HTTP	Hypertext Transfer Protocol
HVAC.....	Heating Ventilation and Air Conditioning
HW.....	Hardware
Hz	Hertz
I.....	Current
IA	Intelligent antenna
IC	Integrated Circuit
ICIS.....	Interagency Communications Interoperability System
IMD	Intermodulation Distortion
IRET.....	Internal Remote Electrical Downtilt
IRL	Input Return Loss
IS-54	Interim Standard 54 for TDMA
IS-95	Interim Standard 95 for CDMA
ISDN	Integrated Services Digital Network
ISM	Industrial, Scientific and Medical unlicensed frequency bands
ISO.....	{International Organization for Standardization
IXC.....	Inter-exchange Carrier
JTRS.....	Joint tactical radio (recon) system
kHz.....	KiloHertz
kV.....	Kilovolt
kVA	Kilovolt Amp
kW.....	Kilowatt
kg.....	Kilogram
LBS	Location Based Services
lbs	Pounds (weight)
LDA.....	Linear Discrete Amplifier (Class A or AB)
LGL.....	Lower Guardband Limit
LMR	Land Mobile Radio
LMS	Land Mobile Systems
LNA.....	Low Noise Amplifier
LO	Local Oscillator
LPA.....	Linear Power Amplifier
LPF	Low Pass Filter

LSL	Lower Specification Limit
LTE	Long Term Evolution
LVD	Low Voltage Disconnect
MAC	Media access control
Mbps	Megabits per second
MCPA	MultiCarrier Power Amplifier
MFRM	Multiple Frequency Radio Mobile Multifunction Frequency Radio Modulation
MHz	MegaHertz
MIMO	Multiple input multiple output
ML	Mismatch Loss
MMSE	Minimum Mean Square Error
MOV	Metal Oxide Varistor
MPH	Miles Per Hour
Mps	Meters Per Second
MRC	Maximal Ratio Combining
MSO	Mobile Switching Office
MTBF	Mean Time Between Failures
MTS	Manual Transfer Switch
MTSO	Master Telephone Switch Office
MU	Measurement Uncertainty
MVNO	Mobil Virtual Network Operator
M&TE	Measuring and Test Equipment
NAMPS	Narrow-band Analog Mobile Phone System
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute for Standards and Technology
NMT	Nordic Mobile Telephone
NOC	Network Operations Center
OCM	Optical Converter Module
OEM	Original Equipment Manufacturer
OFDM	Orthogonal Frequency Division Multiplexing
OOB	Out Of Box
O/P	Output
OPM	Oscillation Protection Mode
ORD	Optical to RF Distribution
OPAF	Outdoor Powerwave Amplifier Frame
OS	Outdoor Shelter
OSHA	Occupational Safety and Health Administration
PA	Power Amplifier
PAF	Powerwave Amplifier Frame
PAR	Peak to Average Ratio
PBX	Phone box exchange
PCB	Printed Circuit Board
PCMCIA	Personal Computer Memory Card International Association
PCN	Personal Communications Network
PCS	Personal Communications Services Personal Communication System(s)
PDA	Personal Digital Assistant
PDU	Power Distribution Unit
PEP	Peak Envelope Power
PLL	Phase Locked Loop

PM	Phase Modulation Preventive Maintenance Project Manager
PMR	Peak to Minimum Ratio
PO	Purchase Order
POI	Point of Interconnect
POP	Point of Presence
PPM	Parts Per Million
PS	Public Safety
PSAP	Public Safety Access Point
PSI	Pounds per Square Inch
PSTN	Public Switched Telephone Network
PTT	Push To Talk
QA	Quality Assurance
QAM	Quadrature Amplitude Modulation
QoS	Quality of Service
RBW	Resolution BandWidth
RF	Radio Frequency
RFI	Radio Frequency Interference Request for Information
RFQ	Request For Quotation
RFS	RF Solutions
RFSU	RF Switching Unit
RL	Return Loss
RMA	Rack-Mounted Amplifier Return Material Authorization
RMS	Root Mean Square
RRM	Radio resource management
RSS	Root Sum Square
RSSI	Receive Signal Strength Indicator
RMU	Remote Master Unit
Rx	Receive, Receiver
SAD	Silicone Avalanche Diode
SCA	Software communications architecture
SCTP	Stream Control Transmission Protocol
SCHPA	Single-Channel High Power Amplifier
SCPA	Single Channel Power Amplifier
SDA	Service Duplexer Assembly
SDMA	Spatial division multiple access
SDR	Software Defined Radio
SDU	Site Distribution Unit
SED	Shippers Export Declaration
SIM	System Interface Module
SMA	SubMiniature Type A (coaxial connector)
SMT	Surface Mount Technology
SMTP	Simple Mail Transfer Protocol
SN	Serial Number
SNMP	Simple Network Management Protocol
SNF	Spherical Near Field
SO	System Outage
SOE	Sequence of Events
SPDT	Single Pole Double Throw
SPST	Single Pole Single Throw

SSPA	Solid State Power Amplifier
SW	Software
TCP	Transmission Control Protocol
TDMA.....	Time Division Multiple Access
TRU	Transmit Receive Unit
TRX.....	Transceiver (Transmit / Receiver) Unit
TVSS	Transient Voltage Surge Suppression
Tx.....	Transmit, Transmitter
UART	Universal Asynchronous Receiver Transmitter
UCL.....	Upper Control Limit
UCLR	Upper Control Limit for Range
UDP	User Datagram Protocol
UGL	Upper Guardband Limit
UL	Underwriters Laboratories
UML	Unified Modeling Standard
UMTS.....	Universal Mobile Telecommunications System
UNL.....	Unit Nominal Level
URG	Unit Reference Gain
URL.....	Uniform Resource Locator
USL.....	Upper Specification Limit
USRP	Universal Software Radio Peripheral
UUT	Unit Under Test
VBW.....	Video BandWidth
VCC	Voice call continuity
VCO	Voltage Controlled Oscillator
VIDA	Voice Interoperable Data Access
VOFDM.....	Vector Orthogonal Frequency Division Multiplexing
VSWR	Voltage Standing Wave Ratio
VVA.....	Voltage Variable Attenuator
W	Watt
WCDMA.....	Wideband Code Division Multiple Access
XML	Extensive Markup Language
XMT	Transmit
XMTR.....	Transmitter