1G	First Generation
2G	Second Generation
3G	Third Generation
3GPP	Third Generation Partnership Project
4G	Fourth Generation
5G	Fifth Generation
5G AKA	Fifth Generation Authentication and Key Agreement
5GC	Fifth Generation Core Network
5G-EIR	Fifth Generation Equipment Identity Register
5GMM	Fifth Generation Mobility Management
5GSM	Fifth Generation Session
5QI	Fifth Generation QoS Identifier
AAA	Authentication, Authorization and Accounting
AES	Advanced Encryption System
AF	Application Function
AKA	Authentication and Key Agreement
AMBR	Aggregate Maximum Bit Rate
AMF	Access and Mobility Management Function
AMFI	Access and Mobility Management Function Identifier
API	Application Programming Interface
APN	Access Point Name
ARP	Allocation and Retention Priority
ARPF	Authentication Credential Repository and Processing Function
AS	Access Stratum
ATM	Asynchronous Transfer Mode
AUSF	Authentication Server Function
AUTN	Authentication Token
BCCH	Broadcast Control Channel
BSC	Base Station Controller
BTS	Base Transceiver Station
BWP	Bandwidth Part
CA	Carrier Aggregation
CCCH	Common Control Channel
CK	Cipher Key
CM	Connection Management
CoMP	Coordinated Multi Point
CORESET	Control Resource Set
COTS	Commercial Off The Shelf
CPRI	Common Public Radio Interface
CQI	Channel Quality Indicator
CS	Circuit-Switched
CSI-RS	Channel State Information-Reference Signal
CSFB	Circuit Switched Fallback
CUPS	Control and User Plane Separation
DC	Dual Connectivity
DCI	Downlink Control Information
DEI	Drop Eligibility Indicator

DHCP   Dynamic Host Configuration Protocol
DHCPv4   Dynamic Host Configuration Protocol version 4
DHCPv6   Dynamic Host Configuration Protocol version 6
DiffServ   Differentiated Services
DL   Downlink
DL-SCH   Downlink Shared Channel
DM-RS   Demodulation Reference Signal
DN   Data Network
DNN   Data Network Name
DNS   Domain Name Server
DPI   Deep Packet Inspection
DRB   Data Radio Bearer
DRX   Discontinuous Reception
DTCH   Dedicated Traffic Channel

E1-AP   E1 Application Protocol
EAP-AKA   Extensible Authentication Protocol-Authentication and Key Agreement
ECM   EPS Connection Management
EDGE   Enhanced Data rates for Global Evolution
EIR   Equipment Identity Register
eMBB   Enhanced Mobile Broadband
EMM   EPS Mobility Management
eNB   Evolved Universal Terrestrial Radio Access Network Node B
EN-DC   Evolved Universal Terrestrial Radio Access – NR Dual Connectivity
EPC   Evolved Packet Core
EPS   Evolved Packet System
ESM   Evolved Packet System Session Management
ESP   Encapsulating Security Payload
ETSI   European Telecommunications Standards Institute
E-UTRA   Evolved Universal Terrestrial Radio Access
E-UTRAN   Evolved Universal Terrestrial Radio Access Network
eV2X   Enhancement of Vehicle-to-Everything

F1-AP   F1 Application Protocol
FDMA   Frequency Division Multiple Access
FR1   Frequency Range 1

GBR   Guaranteed Bit Rate
GERAN   GSM/EDGE Radio Access Network
GFBR   Guaranteed Flow Bit Rate
gNB   Next Generation NodeB
gNB-CU   Next Generation NodeB Central Unit
gNB-CU-CP   Next Generation NodeB Central Unit Control Plane
gNB-CU-UP   Next Generation NodeB Central Unit User Plane
gNB-DU   Next Generation NodeB Distributed Unit
GNSS   Global Navigation Satellite System
GPRS   General Packet Radio Service
GPS   Global Positioning System
GSM   Global System for Mobile communications
GTP   GPRS Tunnelling Protocol
GTP-U   GTP – User Plane
GTPv1-U   GTP version 1 – User Plane

GTPv2-C	GTP version 2 – Control Plane
GUAMI	Globally Unique Access and Mobility Management
GUTI	Globally Unique Temporary Identity
HARQ	Hybrid Automatic Repeat Request
H-NSSF	Home Network Slice Selection Function
H-PCF	Home Policy and Charging Function
HPLMN	Home Public Land Mobile Network
HSDPA	High Speed Downlink Packet Access
H-SMF	Home Session Management Function
HSPA	High Speed Packet Access
HSPA+	High Speed Packet Access+
HSS	Home Subscriber Server
HSUPA	High Speed Uplink Packet Access
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol
HTTPS	Hypertext Transfer Protocol Secure
H-UPF	Home User Plane Function
IEEE	Institute of Electrical and Electronics Engineers
IETF	Internet Engineering Task Force
IK	Integrity Key
IKEv2	Internet Key Exchange version 2
IMEI	International Mobile Equipment Identity
IMS	IP Multimedia Subsystem
IMSI	International Mobile Subscriber Identity
IMT	International Mobile Telecommunications
IMT-2020	International Mobile Telecommunications 2020
IP	Internet Protocol
IPsec	IP Security
IPv4	Internet Protocol version 4
IPv6	Internet Protocol version 6
IPX	Internet Protocol Packet Exchange
I-RNTI	Inactive Radio Network Temporary Identifier
ITU-R	International Telecommunication Union – Radiocommunications sector
I-UPF	Intermediate User Plane Function
JPEG	Joint Photographic Experts Group
JSON	Javascript Object Notation
KDF	Key Derivation Function
LDAP	Lightweight Directory Access Protocol
LTE	Long Term Evolution
LTE-A	Long Term Evolution – Advanced
MAC	Medium Access Control
MAC	Message Authentication code
MCC	Mobile Country Code
MCG	Master Cell Group
ME	Mobile Equipment
MEC	Mobile-Edge Computing

MeNB	Master Evolved Universal Terrestrial Radio Access Network Node B
MFBR	Maximum Flow Bit Rate
MgNB	Master Next Generation NodeB
MGW	Media Gateway
MIB	Master Information Block
MIMO	Multiple Input Multiple Output
mIoT	Massive Internet of Things
MME	Mobility Management Entity
mMTC	Massive Machine Type Communications
MNC	Mobile Network Code
MR-DC	Multi-Radio Access Technology Dual Connectivity
MSC	Mobile-services Switching Centre
MTC	Machine Type Communications
MVNO	Mobile Virtual Network Operator
N3IWF	Non-3GPP Interworking Function
NAI	Network Access Identifier
NAPT	Network Address and Port Translation
NAS	Non-Access Stratum
NAT	Network Address Translation
NE-DC	New Radio - Evolved Universal Terrestrial Radio Access Dual Connectivity
NEF	Network Exposure Function
NF	Network Function
NFV	Network Functions Virtualization
NFVI	Network Functions Virtualization Infrastructure
NFV-MANO	Network Functions Virtualization Management and Orchestration
NG-AP	Next Generation Application Protocol
NGEN-DC	Next Generation Radio Access Network - Evolved Universal Terrestrial Radio Access - New Radio Dual Connectivity
NG-RAN	Next Generation Radio Access Network
NH	Next Hop
NR	New Radio
NRF	Network Repository Function
NRF	Network Resource Function
NSA	Non Standalone
NSSAI	Network Slice Selection Assistance Information
NSSF	Network Slice Selection Function
OFDMA	Orthogonal Frequency Division Multiple Access
PBCH	Physical Broadcast Channel
PCC	Policy and Charging Control
PCCH	Paging control channel
PCI	Physical cell ID
PCell	Primary Cell
PCF	Policy and Charging Function
PCP	Priority Code Point
PCRF	Policy and Charging Rules Function
P-CSCF	Proxy Call Session Control Function
PCU	Packet Control Unit
PDCP	Packet Data Convergence Protocol
PDF	Portable Document Format

PDN	Packet Data Network
PDN-GW	Packet Data Network Gateway
PDSCH	Physical Downlink Shared Channel
PDU	Packet Data Unit
PEI	Permanent Equipment Identifier
PER	Packet Error Rate
PFCP	Packet Forwarding Control Protocol
PFD	Packet Filter Description
PLMN	Public Land Mobile Network
PLMN-ID	Public Land Mobile Network Identity
PS	Packet-Switched
PSCell	Primary Secondary Cell
PSS	Primary Synchronization Signal
PSTN	Public Switched Telephone Network
PT-RS	Phase Tracking Reference Signal
PtP	Point-to-Point
PTP	Precision Time Protocol
PUCCH	Physical Uplink Control Channel
PUSCH	Physical Uplink Shared Channel
PWS	Public Warning System
QCI	Quality of Service Class Identifier
QFI	Quality of Service Flow Identifier
QoS	Quality of Service
RAN	Radio Access Network
RAND	Random Number
RAT	Radio Access Technology
RE	Radio Element
REST	REpresentational State Transfer
RF	Radio Frequency
RFC	Request for Comment
RFSP	Radio Access Technology/Frequency Selection Priority
RLC	Radio Link Control
RM	Registration Management
RNA	Radio Access Network-based Notification Area
RNC	Radio Network Controller
RPC	Remote Procedure Call
RQA	Reflective Quality of Service Attribute
RQI	Reflective Quality of Service Indicator
RRC	Radio Resource Control
RRH	Remote Radio Head
RRM	Radio Resource Management
S1-AP	S1 Application Protocol
SA	Standalone
SAE	System Architecture Evolution
SCell	Secondary Cell
SCG	Secondary Cell Group
SCTP	Stream Control Transmission Protocol
SD	Slice Differentiator
SDAP	Service Data Adaptation Protocol

SDF	Service Data Flow
SDN	Software Defined Networking
SDP	Session Description Protocol
SDR	Software Defined Radio
SEAF	Security Anchor Function
SFN	System Frame Number
SeNB	Secondary Evolved Universal Terrestrial Radio Access Network Node B
SEPP	Security Edge Protection Proxy
SgNB	Secondary Next Generation NodeB
SGSN	Serving General Packet Radio Service Support Node
SGW	Serving Gateway
SIB	System Information Block
SIP	Session Initiation Protocol
SMF	Session Management Function
SMS	Short Message Service
SN	Secondary Node
SN	Sequence Number
S-NSSAI	Single Network Slice Selection Assistance Information
SOAP	Simple Object Access Protocol
SON	Self Optimizing Network
SPR	Subscription Profile Repository
SRB	Signalling Radio Bearer
SRS	Sounding Reference Signal
SRVCC	Single Radio Voice Call Continuity
SSB	Synchronization Signal Block
SSC	Session and Service Continuity
SSS	Secondary Synchronization Signal
SST	Slice/Service Type
SUCI	Subscription Concealed Identifier
SUPI	Subscriber Permanent Identifier
TA	Tracking Area
TAC	Tracking Area Code
TAI	Tracking Area Identifier
TAU	Tracking Area Update
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TDD	Time Division Duplex
TDF	Traffic Detection Function
TDM	Time Division Multiplexing
TDMA	Time Division Multiple Access
TEID	Tunnel Endpoint Identifier
TMSI	Temporary Mobile Subscriber Identity
TNLA	Transport Network Layer Association
TS	Technical Specification
UCI	Uplink Control Information
UDM	Unified Data Management
UDR	Unified Data Repository
UDR	User Data Repository
UDSF	Unstructured Data Storage Function
UE	User Equipment
UE-AMBR	UE-specific Aggregate MBR

UHF	Ultra High Frequency
UICC	Universal Integrated Circuit Card
UL	Uplink
UL CL	Uplink Classifier
UMTS	Universal Mobile Telecommunications System
UPF	User Plane Function
URA	UTRAN Registration Area
URI	Uniform Resource Identifier
URLLC	Ultra Reliable Low Latency Communication
USIM	Universal Subscriber Identity Module
UTC	Universal Coordinated Time
UTRAN	UMTS Terrestrial Radio Access Network
UUID	Universally Unique Identifier
V2X	Vehicle-to-Everything
VID	Virtual Local Area Network Identifier
VLAN	Virtual Local Area Network
VN	Virtual Network
VNF	Virtualized Network Function
V-NSSF	Visited Network Slice Selection Function
VoIP	Voice over Internet Protocol
VoLTE	Voice over Long Term Evolution
V-PCF	Visited Policy and Charging Function
VPLMN	Visited Public Land Mobile Network
V-SMF	Visited Session Management Function
V-UPF	Visited User Plane Function
WCDMA	Wideband Code Division Multiple Access
Wi-Fi	Wireless Fidelity
WiMAX	Worldwide Interoperability for Microwave Access
X2-AP	X2 Application Protocol
Xn-AP	Xn Application Protocol
XRES	Expected Response