5G Acronyms

Acronym	Definition
(R)AN	(Radio) Access Network
4G-GUTI	4G-Globally Unique Temporary Identifier
5G-AN	5G Access Network
5GC	5G Core Network
5GCN	5G Core Network
5G-GUTI	5G-Globally Unique Temporary Identifier
5GMM	5GS Mobility Management
5GS	5G System
5GSM	5GS Session Management
5G-S-TMSI	5G S-Temporary Mobile Subscription Identifier
5G-TMSI	5G Temporary Mobile Subscription Identifier
5QI	5G QoS Identifier
AF	Application Function
AKA	Authentication and Key Agreement
AMF	Access and Mobility Management Function
AN	Access Nework
AS	Access Stratum
AUSF	Authentication Server Function
BBU	Base Band Unit
BSF	Binding Support Function
CAPIF	Common API Framework for 3GPP northbound APIs
CP	Control Plane
DL	Downlink
DN	Data Network
DNAI	DN Access Identifier

DNN	Data Network Name
DRX	Discontinious Reception
EAP-AKA'	Improved Extensible Authentication Protocol method for 3rd generation Authentication and Key
EBI	EPS Bearer Identity
EMM	EPS Mobility Management
eMBB	enhanced Mobile BroadBand
EPC	Evolved Packet Core Network
EPD	Extended Protocol Discriminator
EPS	Evolved Packet System
ESM	EPS Session Management
E-UTRAN	Evolved Universal Terrestrial Radio Access Network
FQDN	Fully Qualified Domain Name
GFBR	Guaranteed Flow Bit Rate
GFBR	Guaranteed Flow Bit Rate
GMLC	Gateway Mobile Location Centre
GPSI	Generic Public Subscription Identifier
GUAMI	Globally Unique AMF Identifier
HR	Home Routed (roaming)
LADN	Local Area Data Network
LBO	Local Break Out (roaming)
LMF	Location Management Function
LPP	LTE Positioning Protocol
LRF	Location Retrieval Function
MIoT	Massive Internet of Things
ME	Mobile Equipment
MFBR	Maximum Flow Bit Rate
mMTC	massive machine type communications
MICO	Mobile Initiated Connection Only
N3IWF	Non-3GPP Inter-Working Function
NAI	Network Access Identifier
NEF	Network Exposure Function
NF	Network Function
ngKSI	Key Set Identifier for Next Generation Radio Access Network
NR	New Radio

NRF	Network Repository Function
NSI ID	Network Slice Instance Identifier
NSSAI	Network Slice Selection Assistance Information
NSSF	Network Slice Selection Function
NSSP	Network Slice Selection Policy
PCF	Policy Control Function
PDB	Packet Delay Budget
PDU Session	Protocol Data Unit Session
PEI	Permanent Equipment Identifier
PER	Packet Error Rate
PFD	Packet Flow Description
PFDF	Packet Forward Data Function
PPD	Paging Policy Differentiation
PPI	Paging Policy Indicator
PSA	PDU Session Anchor
QFI	QoS Flow Identifier
QoE	Quality of Experience
QoS	Quality of Service
QRI	QoS Rule Identifier
RQA	Reflective QoS Attribute
RQI	Reflective QoS Indication
RRM	Radio Resource Mangement
SA	Security Association
SA NR	Standalone New Radio
SBA	Service Based Architecture
SBI	Service Based Interface
SD	Slice Differentiator
SDF	Service Data Flow
SEAF	Security Anchor Functionality
SEPP	Security Edge Protection Proxy
SMF	Session Management Function
SNN	Serving Network Name
S-NSSAI	Single Network Slice Selection Assistance Information
SSC	Session and Service Continuity

SST	Slice/Service Type
SUCI	Subscription Concealed Identifier
SUPI	Subscription Permanent Identifier
TA	Tracking Area
TAC	Tracking Area Code
TAI	Tracking Area Identity
UDR	Unified Data Repository
UDSF	Unstructured Data Storage Function
UL	Uplink
UL CL	Uplink Classifier
UPF	User Plane Function
URSP	UE Route Selection Policy
URLLC	Ultra-Reliable and Low Latency Communications