

DAFTAR SINGKATAN

3GPP	: 3rd Generation Partnership Project
AAU	: <i>Active Antenna Unit</i>
dBi	: <i>Decibel Isotropic</i>
dBm	: <i>Decibel Milliwatt</i>
EPC	: <i>Evolved Packet Core</i>
E-UTRAN	: <i>Evolved UMTS Terrestrial Radio Access Network</i>
FDD	: <i>Frequency Division Duplex</i>
HSPA	: <i>High Speed Packet Access</i>
HSS	: <i>Home Subscriber Server</i>
KPI	: <i>Key Performance Indicator</i>
LTE	: <i>Long Term Evolution</i>
MAPL	: <i>Maximum Allowable Path Loss</i>
Mbps	: <i>Megabit per second</i>
MHz	: <i>Megahertz</i>
MIMO	: <i>Multiple Input and Multiple Output</i>
MME	: <i>Mobile Management Entity</i>
MS	: <i>Mobile Station</i>
OFDMA	: <i>Orthogonal Frequency Division Multiple Access</i>
PCRF	: <i>Policy Control and Rules Function</i>
P-GW	: <i>Packet Data Network Gateway</i>
QAM	: <i>Quadrature Amplitude Modulation</i>
QPSK	: <i>Quadrature Phase Shift Keying</i>
RF	: <i>Radio Frequency</i>
RSRP	: <i>Reference Signal Received Power</i>
SAE	: <i>System Architecture Evolution</i>
SC-FDMA	: <i>Single Carrier Frequency Division Multiple Access</i>
S-GW	: <i>Serving Gateway</i>
SINR	: <i>Signal to Interference Noise Ratio</i>
UE	: <i>User Equipment</i>
USIM	: <i>Universal Subscriber Identity Module</i>
UMTS	: <i>Universal Mobile Telecommunications System</i>

$MAPL_{downlink}$: *Maximum Allowable Path Loss downlink* (dB)

$EIRP_{subcarrier}$: *Equivalent Isotropic Radiated Power subcarrier* (dBm)