

## DAFTAR SINGKATAN

3GPP	: <i>3rd Generation Partnership Project</i>
a(hMS)	: Faktor koreksi tinggi antena user equipment
B	: <i>Bandwidth</i>
BS	: <i>Base Station</i>
BTS	: <i>Base Transceiver Station</i>
CS	: <i>The Circuit Switch</i>
CQI	: Channel Quality Index
d	: <i>Radius Cell</i> (m) atau Jarak antara TX-RX (Km)
EIRPDL	: Equivalent Isotropic Radiated Power per Subcarrier DL (dBm)
EIRPUL	: Equivalent Isotropic Radiated Power per Subcarrier UL (dBm)
EPC	: <i>Evolved Packet Core</i>
EPS	: <i>Evolved Packet System</i>
E-UTRAN	: <i>Evolved UMTS Terrestrial Radio Access Network</i>
GeNB	: eNode B Antena Gain (dBi)
GSM	: <i>Global System for Mobile Communication</i>
IM	: <i>Interference Margin</i> (dB)
K	: <i>Constanta Boltzmann</i> ( $1,38 \times 10^{-23}$ ) (JK-1 )
KPI	: <i>Key Performance Indicator</i>
LcUE	: Cable Loss UE (dB)
LTE	: <i>Long Term Evolution</i>
LTE-R	: <i>Long Term Evolution for Railway</i>
MAPL	: <i>Maximum Allowed Path Loss</i>
MAPL <sub>DL</sub>	: Maximum Allowable Path Loss Downlink (dB)

MAPL <sub>UL</sub>	: Maximum Allowable Path Loss Uplink (dB)
MIMO	: Multiple Input Multiple Output
MS	: <i>Mobile Station</i>
MSRS	: Minimum Signal Reception Strength (dBm)
MTDL	: Max Total DL (dBm)
MTUL	: Max Total UL (dBm)
NSDP	: The Number of Subcarrier to Distribute Power
PDN	: <i>Packet Data Network</i>
PDL	: Subcarrier Power eNode B(dBm)
PL	: Penetration Loss (dB)
PS	: <i>Packet Switched</i>
PSTN	: <i>Public Switched Telephone Network</i>
PUMN	: <i>Public Land Mobile Network</i>
RSRP	: <i>Reference Signal Received Power</i>
RxNF	: Rx Noise Figure (dB)
R <sub>X</sub> Sensitivity	: Receiver Sensitivity eNodeB (dBm)
SAE	: <i>System Architecture Evolution</i>
SF	: Shadow Fading Margin (dB)
SINR	: <i>Signal to Noise Ratio</i>
T	: Temperatur (Kelvin)
TEMS	: <i>Test Mobile System</i>
UE	: <i>User Equipment</i>
UMTS	: <i>Universal Mobile Telecommunication System</i>
VoIP	: <i>Voice over IP</i>
WCDMA	: <i>Wideband Code Division Multiple Access</i>