DAFTAR ISTILAH

LTE $\quad\quad\quad$ = *Long Term Evolution*

3GPP $\quad\quad$ = *Third Generation Partnership Project*

$MAPL$ $\quad\quad$ = *Maximum Allowable Path Loss*

$MaxTP$ $\quad$ = *Max Transmit Power* (dBm)

SP $\quad\quad\quad$ = *Subcarrier Power*

AG $\quad\quad\quad$ = *Antenna Gain* (dBi)

$3dB\ Sp_{Loss}$ = *3dB Hybrid Coupler ½ Way Splitter Loss* (dB)

$\frac{1}{2}Cab_{Loss}$ $\quad$ = ½ " *Cable Loss* (dB)

PI_{PA} $\quad\quad$ = *Power Input for Panel Antenna*

T_{Loss} $\quad\quad$ = *Train Loss* (dB)

B_{Loss} $\quad\quad$ = *Body Loss* (dB)

$EngM$ $\quad\quad$ = *Engineering Margin* (dB)

$MinSL$ $\quad\quad$ = *Minimum Signal Level Requirement* (dBm)

L_T $\quad\quad\quad$ = *Link budget* total (MAPL)

L_{FSL} $\quad\quad$ = *Free Space Loss* antara transmiter dan *receiver*

L_C $\quad\quad\quad$ = *Constant Loss* (37 dB)

w $\quad\quad\quad$ = Jumlah tipe dinding

n_{wi} $\quad\quad\quad$ = Jumlah dinding yang dilewati sinyal

L_{wi} $\quad\quad\quad$ = Nilai *loss* pada dinding

L_f $\quad\quad\quad$ = *Loss* pada lantai (18,3 dB)

n_f $\quad\quad\quad$ = Jumlah lantai yang dilewati sinyal

b $\quad\quad\quad$ = *Empirical parameter*

d_{km} $\quad\quad$ = *Cell radius* dalam kilometer

eNode B $\quad$ = *Evolved Node B*, penamaan *base station* pada teknologi 4G