

## DAFTAR GAMBAR

Gambar 2. 1 Arsitektur LTE <sup>[16]</sup> .....	6
Gambar 2. 2 Kanal Fisik LTE <sup>[19]</sup> .....	8
Gambar 2. 3 <i>Backhaul</i> <sup>[13]</sup> .....	11
Gambar 2. 4 Perencanaan Frekuensi dan Polarisasi <sup>[21]</sup> .....	20
Gambar 2. 5 Grafik Eb/No dan <i>Coding Gain</i> <sup>[21]</sup> .....	22
Gambar 3. 1 Diagram Alir Perencanaan .....	24
Gambar 3. 2 Selat Sunda .....	25
Gambar 3. 3 Model Topologi <i>Backhaul</i> .....	35
Gambar 4. 1 Spektrum <i>Band</i> 900 MHz di Indonesia .....	45
Gambar 4. 2 Nilai MAPL .....	46
Gambar 4. 3 Analisis Radius <i>Cell</i> .....	47
Gambar 4. 4 Plot <i>Coverage</i> RSRP .....	48
Gambar 4. 5 Distribusi CDF Nilai RSRP .....	48
Gambar 4. 6 Plot <i>Coverage Downlink Throughput</i> .....	49
Gambar 4. 7 Distribusi Nilai CDF <i>Downlink Throughput</i> .....	49
Gambar 4. 8 Plot <i>Coverage Uplink Throughput</i> .....	50
Gambar 4. 9 Distribusi Nilai CDF <i>Uplink Throughput</i> .....	50
Gambar 4. 10 Lintasan <i>Link Site</i> 81735- Pulau Rimaubalak .....	51
Gambar 4. 11 Lintasan <i>Link Site</i> 81735- Pulau Prajurit .....	52
Gambar 4. 12 Lintasan <i>Link Site</i> Pulau Merak Besar - 280777 .....	53
Gambar 4. 13 Lintasan <i>Link Site</i> Tempurung - 280777 .....	54
Gambar 4. 14 Grafik Trafik <i>Throughput</i> Tiap <i>Site</i> .....	55
Gambar 4. 15 <i>Connection Success Rate</i> .....	55