

DAFTAR GAMBAR

| | |
|---|----|
| Gambar 2.1 Antena <i>Microstrip</i> | 9 |
| Gambar 2.2 <i>Proximity Coupled</i> dengan konektor..... | 11 |
| Gambar 3.1 Diagram Alir | 14 |
| Gambar 3.2 Antena <i>single element</i> | 16 |
| Gambar 3.3 <i>Return Loss</i> | 16 |
| Gambar 3.4 VSWR | 17 |
| Gambar 3.5 Polaradiasi | 17 |
| Gambar 3.6 Desain konektor..... | 18 |
| Gambar 3.7 Antena <i>single element</i> | 18 |
| Gambar 3.8 <i>Return Loss</i> teroptimasi..... | 19 |
| Gambar 3.9 VSWR teroptimasi | 19 |
| Gambar 3.10 Polaradiasi teroptimasi..... | 19 |
| Gambar 3.11 Polarisasi | 20 |
| Gambar 3.12 Besar rotasi dan jarak antar elemen..... | 21 |
| Gambar 4.1 <i>Return Loss</i> 2 elemen | 23 |
| Gambar 4.2 VSWR 2 elemen..... | 23 |
| Gambar 4.3 <i>Mutual Coupling</i> 2 elemen..... | 24 |
| Gambar 4.4 Polarisasi 2 elemen..... | 24 |
| Gambar 4.5 Polaradiasi 2 elemen..... | 24 |
| Gambar 4.6 <i>Return Loss</i> 4 elemen | 25 |
| Gambar 4.7 VSWR 4 elemen..... | 26 |
| Gambar 4.8 <i>Mutual Coupling</i> 4 elemen..... | 26 |
| Gambar 4.9 Polarisasi 4 elemen..... | 26 |
| Gambar 4.10 Polaradiasi 4 elemen..... | 27 |
| Gambar 4.11 <i>Return Loss</i> 8 elemen | 28 |
| Gambar 4.12 VSWR 8 elemen..... | 28 |
| Gambar 4.13 <i>Mutual Coupling</i> 8 elemen..... | 28 |
| Gambar 4.14 Polarisasi 8 elemen..... | 29 |
| Gambar 4.15 Polaradiasi 8 elemen..... | 29 |
| Gambar 4.16 <i>Return Loss</i> 16 elemen | 30 |

| | |
|--|----|
| Gambar 4.17 VSWR 16 elemen..... | 31 |
| Gambar 4.18 <i>Mutual Coupling</i> 16 elemen..... | 31 |
| Gambar 4.19 Polarisasi 16 elemen..... | 31 |
| Gambar 4.20 Polaradiasi 16 elemen..... | 32 |
| Gambar 4.21 <i>Return Loss</i> 32 elemen..... | 34 |
| Gambar 4.22 VSWR 32 elemen..... | 34 |
| Gambar 4.23 <i>Mutual Coupling</i> 32 elemen..... | 34 |
| Gambar 4.24 Polarisasi 32 elemen..... | 35 |
| Gambar 4.25 Polaradiasi 32 elemen..... | 35 |
| Gambar 4.26 <i>Return Loss</i> 64 elemen..... | 37 |
| Gambar 4.27 VSWR 64 elemen..... | 38 |
| Gambar 4.28 <i>Mutual Coupling</i> 64 elemen..... | 38 |
| Gambar 4.29 Polarisasi 64 elemen..... | 38 |
| Gambar 4.30 Polaradiasi 64 elemen..... | 39 |