

DAFTAR ISI

LEMBAR PENGESAHAN	Error! Bookmark not defined.
LEMBAR PERNYATAAN	Error! Bookmark not defined.
LEMBAR PERSEMBAHAN	Error! Bookmark not defined.
ABSTRAK.....	Error! Bookmark not defined.
<i>ABSTRACT</i>	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
DAFTAR ISI	1
DAFTAR LAMPIRAN	Error! Bookmark not defined.
DAFTAR GAMBAR	Error! Bookmark not defined.
DAFTAR TABEL.....	Error! Bookmark not defined.
BAB I PENDAHULUAN	Error! Bookmark not defined.
1.1. Latar Belakang.....	Error! Bookmark not defined.
1.2. Rumusan Masalah.....	Error! Bookmark not defined.
1.3. Tujuan	Error! Bookmark not defined.
1.4. Manfaat.....	Error! Bookmark not defined.
1.5. Batasan Masalah	Error! Bookmark not defined.
1.6. Kerangka Pemikiran.....	Error! Bookmark not defined.
1.7. Posisi Penelitian (<i>State of The Art</i>)	Error! Bookmark not defined.
1.8. Sistematika Penulisan.....	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA	Error! Bookmark not defined.
2.1. Konsep Dasar T/R <i>Module Antenna Beamforming</i>	Error! Bookmark not defined.
2.2. Konsep Dasar Penguat dan LNA.....	Error! Bookmark not defined.

2.2.1. Rangkaian DC <i>Biasing</i>	Error! Bookmark not defined.
2.2.2. S – Parameter	Error! Bookmark not defined.
2.2.3. Menentukan Koefisien Pantul dan Kestabilan	Error! Bookmark not defined.
2.2.4. Penguatan (<i>Gain</i>)	Error! Bookmark not defined.
2.2.5. Penyesuaian Impedansi (<i>Matching Impedance</i>)	Error! Bookmark not defined.
2.2.6. Noise Figure	Error! Bookmark not defined.
2.3. Saluran Mikrostrip	Error! Bookmark not defined.
BAB III METODOLOGI PENELITIAN	Error! Bookmark not defined.
3.1. Studi Literatur	Error! Bookmark not defined.
3.2. Analisis Kebutuhan	Error! Bookmark not defined.
3.3. Spesifikasi LNA	Error! Bookmark not defined.
3.4. Perancangan dan Konfigurasi LNA	Error! Bookmark not defined.
3.5. Simulasi rancangan LNA	Error! Bookmark not defined.
3.6. Analisis Simulasi	Error! Bookmark not defined.
3.7. Realisasi dan Pengujian LNA	Error! Bookmark not defined.
3.8. Analisis dan perbandingan	Error! Bookmark not defined.
BAB IV PERANCANGAN DAN REALISASI	Error! Bookmark not defined.
4.1. Spesifikasi	Error! Bookmark not defined.
4.2. Pemilihan Transistor	Error! Bookmark not defined.
4.3. Perancangan Rangkaian DC Bias Transistor	Error! Bookmark not defined.
4.4. Pengujian Faktor Kestabilan	Error! Bookmark not defined.
4.4.1. Transistor BFP420	Error! Bookmark not defined.
4.4.2. Transistor BFP840	Error! Bookmark not defined.
4.5. Perancangan Penyesuai Impedansi	Error! Bookmark not defined.
4.6. Hasil Simulasi Rangkaian	Error! Bookmark not defined.

4.7. Perancangan PCB.....	Error! Bookmark not defined.
4.8. Hasil Realisasi Perancangan LNA 3 GHz....	Error! Bookmark not defined.
BAB V PENGUKURA DAN ANALISA	Error! Bookmark not defined.
5.1. Pengukuran	Error! Bookmark not defined.
5.2. Langkah – langkah Pengukuran.....	Error! Bookmark not defined.
5.2.1. Pengukuran dan Analisis Nilai Level Daya <i>Output</i> dan Gain pada Frekuensi Kerja LNA 3 GHz.....	Error! Bookmark not defined.
5.2.2. Pengukuran dan Analisis Nilai Noise Figure pada Frekuensi Kerja LNA 3 GHz.	Error! Bookmark not defined.
5.2.3. Pengukuran dan Analisis Nilai <i>Return loss input</i> dan <i>Output</i>	Error! Bookmark not defined.
5.2.4. Pengukuran dan Analisis Voltage Standing Ratio (VSWR)	Error! Bookmark not defined.
5.3. Analisis Keseluruhan	Error! Bookmark not defined.
BAB VI KESIMPULAN DAN SARAN.....	Error! Bookmark not defined.
6.1. Kesimpulan.....	Error! Bookmark not defined.
6.2. Saran.....	Error! Bookmark not defined.
DAFTAR PUSTAKA	Error! Bookmark not defined.
LAMPIRAN	Error! Bookmark not defined.