

LIST OF TABLES

1.1	Frequency band designation[3].	3
2.1	Advantage and Disadvantage of Yagi Antenna	22
3.1	Pin Functions of IC LM 386	28
3.2	Hardware (electronic components)	28
3.3	Software PROTEUS 8.0	29
4.1	Measurement Analyst with oscilloscope	32
4.2	Measurement result of Gain Antenna with Oscilloscope	32
4.3	Result in formula	33
4.4	Result In Design	34
4.5	Simulation and field test results comparison	34
4.6	Standards and tolerances using external test equipment for calibration	34
4.7	comparison antenna array receiver directional and YAGI	36
4.8	comparison antenna array transmitter directional and YAGI.....	37