

LIST OF TABLES

1.1	Schedule and milestone of completing this undergraduate thesis.	4
2.1	Type of Substrate Materials.	7
3.1	The Specification for initial antenna design.	15
3.2	Targeted parameters of this thesis.	15
3.3	The Specification for Antenna Initial Design.	16
3.4	The Change in Specification for Antenna Iteration 1.	18
3.5	The Changes in Specification for the Final Antenna Iteration.	20
3.6	The VSWR Analysis.	23
3.7	Farfield Directivity properties of 5 GHz Azimuth radiation pattern .	27
3.8	Farfield Directivity properties of 5 GHz Elevation radiation pattern .	28
3.9	Farfield Directivity properties of 6 GHz Azimuth radiation pattern .	29
3.10	Farfield Directivity properties of 6 GHz Elevation radiation pattern .	30
3.11	3D Model Simulation Software Results	30