

ABSTRACT

From a hypothesis that antenna is defined as construction of transition of transmission lines as a matching between propagation spaces with characteristic impedance of radio frequency. Thus it had been make an experiment to find out the truth of hypothesis. On design and realization of broadband biconical antenna's used to reference test matching with design. with tired specification bandwidth 1000 MHz at frequency region 1500MHz - 2500MHz with limited by $SWR \leq 2$ and have Omidirectional pattern and Linier polarization and also tired gain 2,14 dBi.

For the result of this final project with Biconical Antenna, it reaches 752 MHz for it bandwidth, omni directional pattern, Elliptical polarization, and 3,88 dBi gain.

The project hoped generate prototype can be use that the function maximum.