

ABSTRACT

In the agenda of optimization of systems simply many met by barricade and resistance because complication in the case of scheme and some something else required many minds and energy which must be rendered. But progressively expand it the existing technology have been able to engineer wireless in the case of scheme of system wireless, by using software: CAD, PCAD, MULTISIM and other.

Answers to above thing hence writer wishes also gives contribution in the form of software for antenna simulation. Type antenna which simulation writer is halfwave dipole antenna. Halfwave dipole antenna usually is called as single dipole antenna. Halfwave dipole antenna or single dipole antenna is resonance antenna having overall length $\frac{1}{2} \lambda$. Single dipole antenna is dipole antenna often is applied because tending to more efficiently is compared to short dipole antenna.

Measurement of antenna done to know made antenna characteristic which is made. Then from data gotten from measurement can be made comparison with scheme result later on is done analysis from the result.

Keyword : Single dipole, Radiation pattern, Antenna parameter.