

## **Abstract**

Helical antenna is the one of antenna consisted of by strand of metal circumference which is in the form of helik or spiral. Antenna helik can operate on one of two mode principles that is normal of mode ( Broadside) or axial mode ( endfire ).

In this Helical antenna simulation which in debate is principle using axial mode. simulation characteristic of Helical antenna unique axial this mode applies language program of Visual Basic 6.0 is language program which its the instruction have been like man language so that easier to be applied.

Antenna characteristic helical which in simulation is Impedansi, VSWR, Return Loss, Gain , Radiation pattern, Beamwidth.

**Keyword : Antenna Helical, Visual Basic 6.0, Impedance, VSWR, RETURN LOSS, Gain , Radiation pattern, Beamwidth.**