Abstract

A VARACTOR diode is placed on every slot to alter the current direction, which determines the polarization state. The influences of the slots and varactor diodes on antenna performance are minimized because the slots and diodes are not on the patch. The simulated results verified the effectiveness of the proposed antenna configuration. A variation in parameters like RL, gain and radiated power is achieved.

References


**Index Terms**

Computer Science Wireless

**Keywords**

Reconfigurable, varactor, gain, RL.