Abstract

This paper presents modeling of annular patch antenna. The S and Z parameters of an Annular patch Microstrip antenna are investigated and optimization. The optimization is performed by varying the inner and outer radius of annular Ring. The impedance and radiation characteristics of annular patch antenna are examined and compared. It is able to achieve a return loss less than -36 dB and VSWR.

References

- C.A. Balanis, Antenna Theory and Design, New York; Wiley, 1997

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Computer Science
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Return loss  annular patch  Impedance  Microstrip antenna  resonant frequency
dielectric material
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