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Microstrip, Stripline, CPW, and SIW Design

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 the dimension of the proposed C band
 microstrip antenna is 40X40mm which is
 fabricated using copper. The side width
 of the patch antenna is 1.72mm and it is
 fed with 50 and feed line is connected to
 standard connector. The design of the
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- Relative Permittivity (ϵ_r) or Dielectric Constant (D_k) - D_k is the property of a material which alters the Electric field in the wave. - D_k is a very important property for microwave PCB design. - Materials used in PCB technology generally have D_k from 2 to 10 (D_k is dimensionless). $D_k = \epsilon - j\epsilon'$, where: ϵ = energy stored, and ϵ' = energy

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AND ANALYSIS OF TRIANGULAR SLOT MICROSTRIP PATCH ANTENNA FOR C BAND APPLICATION Akila G1& Mrs. Binisha X.M2& Mrs. Riyaz Fathima 3H 1PG Scholar, Department Of Electronics and Communication Engineering, PET Engg. College, Vallioor, India
2,3Assistant Professor, Department Of Electronics and Communication Engg., PET Engg.

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