

Analysis of Microstrip Resonator with a Dielectric Protective Layer Radiating into Human Body

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The originality of this communication is that previous modelization does not obtain the resonant frequencies of the rectangular microstrip resonator with a dielectric protective layer radiating into human body (that's to say the resonant frequency and the Q factor). This analysis is based on the two dimensional Spectral Domain Approach (S.D.A.). The comparison with experiment shows that the method improves the previous one dimensional modelization.

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