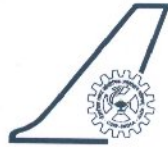


Documentation Sheet



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Title *Electromagnetic Propagation in Classical Multilayered Media*

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Division ALD

NAL Project No: A-8-604

Document No. PD AL 1220

Date of issue June 2012

Contents Pages Figures Tables References

External Participation Nil

Sponsor CSIR-NAL

Approval Chairman, Systems Engineering Cluster

Remarks x

Keywords Reflection coefficient, Transmission coefficient, Permittivity, Permeability, Multilayered medium, Dielectric

Abstract

EM wave propagation in a layered media is directly related to the reflection/transmission coefficients of the medium. In this document the reflection/transmission of a plane wave is studied for multilayered semi-infinite and finite dielectric media. The simulated results are validated against the results available in open literature. The effect of the layer thickness on the values of reflection coefficient is analyzed. The study carried out is geared towards understanding EM wave propagation in multilayered dielectric-metamaterial media.