

Analysis of Wide Inclined Slot Coupled Narrow Wall Coupler Between Dissimilar Rectangular Waveguides (Comments)

S.R. Rengarajan. "Analysis of Wide Inclined Slot Coupled Narrow Wall Coupler Between Dissimilar Rectangular Waveguides (Comments)." 1995 Transactions on Microwave Theory and Techniques 43.8 (Aug. 1995 [T-MTT]): 1995-1996.

The reply to our recent comments on the above paper has not addressed the main issue raised in [2]. D. Satyanarayana and A. Chakrabarty apparently do not understand the significance of the incompleteness of the eigenfunction expansions for the dyadic Green's functions in the source region of waveguides, and the relationship between the source region singularity. and the 'TE/sub 00/ mode'. This conclusion is based on 1) their statement, "Also, it is no way connected with the singularity as pointed out in the comments", and 2) by the fact that they do not understand the discussions on the singularity term containing $\delta(z - z')$ in our original paper and still they seem to be not clear whether our Green's functions are complete. Therefore additional discussions, are warranted.

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