

Abstracts

Synthesizing Air with a Radome Sandwich (Correspondence)

H.F. Mathis and R.F. Mathis. "Synthesizing Air with a Radome Sandwich (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.5 (Sep. 1965 [T-MTT]): 708-708.

It is possible to design lossless radome sandwiches which have a transmission coefficient of unity and an insertion phase angle of zero. If the magnitude and phase of the electric field within the sandwich approximates that of the electric field in air, the edge diffraction of the sandwich should be small.

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