

Abstracts

MLS--A Practical Application of Microwave Technology (Dec. 1976 [T-MTT])

R.M. Cox and J.R. Sebring. "MLS--A Practical Application of Microwave Technology (Dec. 1976 [T-MTT])." 1976 Transactions on Microwave Theory and Techniques 24.12 (Dec. 1976 [T-MTT] (1976 Symposium Issue)): 964-971.

A brief system overview of the U.S. candidate of the microwave landing system (NILS) is presented. Practical implementation of two types of ground antenna designs are presented, including measured data. Phased array designs are presented as high-performance implementations. Lens array designs have proven to be acceptable solutions for limited-scan medium-performance requirements.

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