

Abstracts

Guidance characteristics of two-dimensionally periodic impedance surface

R.B. Hwang and S.T. Peng. "Guidance characteristics of two-dimensionally periodic impedance surface." 1999 MTT-S International Microwave Symposium Digest 99.1 (1999 Vol. 1 [MWSYM]): 65-68 vol. 1.

We have modeled a general two-dimensionally periodic structure by a planar surface impedance that is periodic in two dimensions. For the first time, a set of dispersion curves is rigorously constructed to explain new and interesting phenomena that do not occur in the one-dimensional case.

[Return to main document.](#)