

Abstracts

Frequency dependence of Bloch impedance in a periodic transmission line structure

E. Takagi. "Frequency dependence of Bloch impedance in a periodic transmission line structure." 2001 MTT-S International Microwave Symposium Digest 01.2 (2001 Vol. II [MWSYM]): 779-782 vol.2.

Frequency dependence of Bloch impedance in a periodic structure was calculated by using simple F-matrix formula. Also, relationship between band-gap on-set frequency and reactance factor was evaluated. Finally, formula was checked by the experiment.

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