

Abstracts

Edge-Guided Magnetoplasmons on Curved Interfaces in Submillimeter Wave Devices

D.M. Bolle and J.-F. Wagen. "Edge-Guided Magnetoplasmons on Curved Interfaces in Submillimeter Wave Devices." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 354-355.

We consider an interface between dielectric and semiconductor semispaces, curved along the direction of propagation and infinite in the transverse direction. The semiconductor is magnetically polarized in the Voigt configuration. We give approximate expressions for the loss due to curvature.

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