



measurement. The proposed analysis provides reasonably good estimation of the parameters of the given rectangular reentrant cavity over practical parametric regimes: cavity aspect ratio $Y/X \in (1.0, 1.5)$; and normalized cavity parameters $G/H \in (0.08, 0.2)$ and $(X - R_0)/H \in (0.6, 1.2)$. These parameters being normalized, the proposed formulation is valid for any frequency or wavelength.

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