

Corrections to "A New Model for the Apparent Characteristic Impedance of Finned Waveguide and Finlines"

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In the above paper,¹ the coefficients of (25) should have read

$$p = [AN^2 + 2BN - \bar{\alpha}_1^2] / BN^2$$

$$q = \left[B + 2AN - \frac{N}{4} (b/a)^2 (\lambda/b)^2 - 2\bar{\alpha}_1 \bar{\alpha}_2 \right] / BN^2$$

$$r = \left[A - \frac{1}{4} (b/a)^2 (\lambda/b)^2 - \bar{\alpha}_2^2 \right] / BN^2$$

$$A = 1 + b_1(s/a)(\epsilon_r - 1)$$

$$B = a_1(s/a)(\epsilon_r - 1)$$

$$\bar{\alpha}_1 = \alpha_1 / Z_0(f)$$

$$\bar{\alpha}_2 = \alpha_2 / Z_0(f)$$

and α_1 and α_2 are given by (20a) and (20b), respectively.

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¹P. Pramanick and P. Bhartia, *IEEE Trans. Microwave Theory Tech.*, vol. MTT-34, pp. 1437-1441, Dec. 1986.

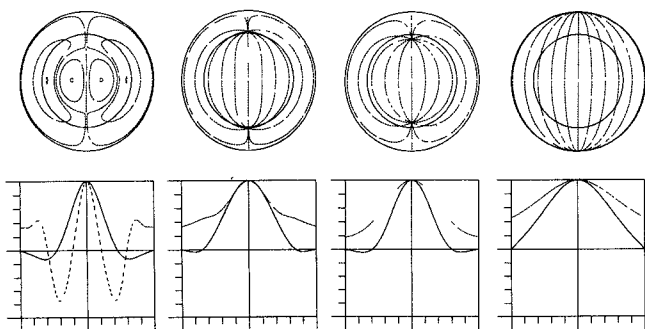


Fig. 20. Magnetic fields for HEE₁₂ mode at $z = L/2$.

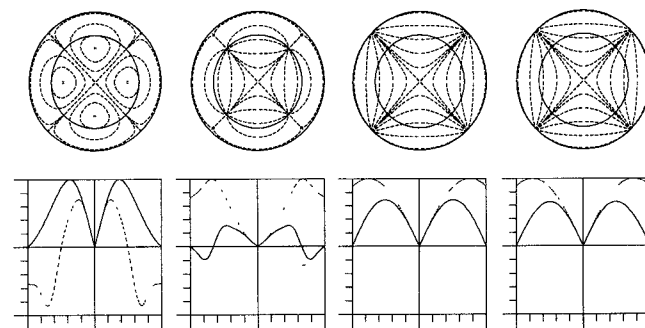


Fig. 22. Magnetic fields for HEE₂₁ mode at $z = L/2$.