

Letters

Correction to "Analysis of an End Launcher for a Circular Cylindrical Waveguide"

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In the above paper¹ the expressions (10) and (11) should have read as follows:

$$E_{ABz}(\rho, \phi, z) = \frac{1}{j\omega\epsilon} \sum_{n=0}^{\infty} \sum_{p=1}^{\infty} \frac{I_0 \epsilon_n}{\pi a^2 \gamma} \cdot \frac{J_n(\kappa_p D) J_n(\kappa_p \rho)}{[J'_n(\kappa_p a)]^2} \cos(\eta\phi) \cdot \{ke^{-\gamma z} \sin k(L_1 + l) - e^{-\gamma L_1} \cdot \cosh(\gamma z)[\gamma \cos(kl) + k \sin(kl)]\} \quad (10)$$

and

$$X_2 = \frac{120}{\cos^2 k(L_1 + l)} \sum_{h=0}^{\infty} \sum_{p=1}^{\infty} \left[\frac{J_n(\kappa_p D)}{J'_n(\kappa_p a)} \right]^2 \frac{\epsilon_n(\gamma/k)}{(x_p a)^2} \cdot \left[\frac{k^2}{\gamma^2} \sin^2 k(L_1 + l) + \frac{k}{2\gamma} \sin 2k(L_1 + l) - 2e^{-\gamma L_1} \sin k(L_1 + l) \cdot \frac{k}{\gamma} \cdot \left\{ \cos(kl) + \frac{k}{\gamma} \sin(kl) \right\} + \left(\frac{k}{\gamma} \sin(kl) \right)^2 - \cos^2(kl) + e^{-2\gamma L_1} \left\{ \frac{k}{\gamma} \sin(kl) + \cos(kl) \right\}^2 \right]. \quad (11)$$

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