



Fig. 1. (a) A comparison of the theoretical and experimental results for forward transmission versus frequency. The cutoff wavelength λ_c is 18.03 mm for the TE_{02} mode. This figure replaces Fig. 9(a) in the original paper. (b) A comparison of the theoretical and experimental results for return loss during the forward transmission case of Fig. 1(a). This figure replaces Fig. 9(b) in the original paper.

of Section IV regarding the impact of finite helix thickness on the TE_{02} mode frequency response.

Correction to “Theoretical Study of Variation of Propagation Constant in a Cylindrical Waveguide Due to Chirality: Chiro-Phase-Shifting”

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Owing to the delay in sending the proofread galley of our paper¹ to the IEEE Transactions/Journals Department, several typographical misprints, which were made during the typesetting of our manuscript, appeared in the print. These are corrected below.

- 1) On p. 1691, in the second and third lines from the bottom of the first column, $E^{(1)}$, $E^{(1)}$, $E^{(1)}$, and $E^{(1)}$ should obviously read: $E^{(1)}$, $D^{(1)}$, $H^{(1)}$, $B^{(1)}$.
- 2) On p. 1691, in the denominator of the right hand side of (1), $B^{(0)}$ should be bold faced $B^{(0)}$.
- 3) On p. 1693, on the right hand side of (5), second Bessel function should be primed. Thus (5) should read

$$\begin{aligned} \frac{\xi_c}{2} \text{Im}(\mathbf{E}^{(0)} \cdot \mathbf{B}^{(0)*})|_{\rho \rightarrow \text{Rod's Center}} &= p \xi_c Z_{TE_{11}} \\ &\times \mu |C|^2 \frac{\beta^2}{\left(\frac{x'_{11}}{R}\right)^3 \rho_0} J_1\left(\frac{x'_{11}}{R} \rho_0\right) J'_1\left(\frac{x'_{11}}{R} \rho_0\right). \end{aligned} \quad (5)$$

- 4) On p. 1693, in (3b), (3c), (4b), and (4c), one set of parentheses is enough for the variable x'_{11}/R .
- 5) On p. 1693, in fifteenth line after (4c), “the n” should read “then”.
- 6) In the list of references, the name of the author of [10] is misspelled. It should be “Waldron.”

Furthermore, on p. 1693, it would be very helpful to have the following statement after (6) and before the beginning of the next sentence: “... where $|_c$ denotes the contribution of chirality to the relative variation of β .”

The rest of the paper is unaffected by the correction of the above typographical misprints.

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