

looking for the roots of $F(\beta)$, the real part of the numerical value of $y_c - y_m$ is monitored."

In the caption for Fig. 7, the symbols next to the dot should be 1×1 , instead of $|X|$.

The letter "c" in the expression for $\pi\Gamma'(0,0)$, shown in the Appendix, should be capitalized, for consistency with (9).

Corrections to "Accurate Wide-Range Design Equations for the Frequency-Dependent Characteristics of Parallel Coupled Microstrip Lines"

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In the above paper,¹ the following misprints have to be corrected.

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¹M. Kirschning and R. H. Jansen, IEEE Trans. Microwave Theory Tech., vol. MTT-32, pp. 83-90, Jan. 1984.

1) In the last line of the second column on page 84, the expression for the static even-mode value of the effective dielectric constant of coupled microstrip reads

$$\epsilon_{\text{eff},e}(0) = 0.5 \cdot (\epsilon_r + 1) \\ + 0.5(\epsilon_r - 1) \cdot (1 + 10/v)^{-a} e^{(v)b} e^{(\epsilon_r)}$$

i.e., the term $-a_e \cdot b_e$ is in the exponent of the term $(1 + 10/v)$.

2) In the first line of (4) on page 85, read $-\epsilon_{\text{eff}}(0)$ instead of $+\epsilon_{\text{eff}}(0)$.

3) For the quantity Q_{10} of (9) on page 86, the closing parenthesis on the right side of the expression has to be added, which results in

$$Q_{10} = Q_2^{-1} \cdot (Q_2 Q_4 - Q_5 \cdot \exp(\ln(u) \cdot Q_6 \cdot u^{-Q_9})).$$

4) In the denominator of the expression describing the frequency dependent even-mode coupled microstrip characteristic impedance $Z_{L_e}(f_n)$, i.e., in the second line of (10) on page 86, the appropriate term is

$$\epsilon_{\text{eff}}(0)^{C_e} \text{ instead of } \epsilon_{\text{eff}}(f_n)^{C_e}$$

to give the correct frequency dependence.