IEEE Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz

Sponsor
IEEE Electromagnetic Compatibility Society

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Correction Sheet
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Corrections to the standard are shown on the reverse of this page.
On page 32, Equations 13B, 13C, 13E, and 13G should be corrected as follows:

Replace “2π” in the denominator with “2πr” in Equations 13B and 13C:

\[ H_{\rho_1} = \frac{NI}{2\pi r} D[f(\rho_1) + g(\rho_1)E] \]  
(13B)

\[ H_{\rho_2} = \frac{NI}{2\pi r} F[f(\rho_2) + g(\rho_2)G] \]  
(13C)

In Equations 13E and 13G, the power of 2 should be added to the last term in the numerator. In Equation 13G, the “+” in the numerator of the last term should be changed to a “–”.

\[ E = \frac{1 - \left(\frac{y}{r}\right)^2 - \left(\frac{x}{r} + \frac{1}{2}\right)^2}{\left(1 - \frac{y}{r}\right)^2 + K_1^2} \]  
(13E)

\[ G = \frac{1 - \left(\frac{y}{r}\right)^2 - \left(\frac{x}{r} - \frac{1}{2}\right)^2}{\left(1 - \frac{y}{r}\right)^2 + K_2^2} \]  
(13G)