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American National Standard (ANSI)

**IEEE Std 1309-1996**

# **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 “2 ” in the denominator with “2 r” in Equations 13B and 13C:

$$H_1 = \frac{NI}{2r} D[f(\cdot) + g(\cdot)E] \quad (13B)$$

$$H_2 = \frac{NI}{2r} F[f(\cdot) + g(\cdot)G] \quad (13C)$$

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 “-”.

$$E = \frac{1 - \frac{y}{r} - \frac{x}{r} + \frac{1}{2}}{1 - \frac{y}{r} + K_1} \quad (13E)$$

$$G = \frac{1 - \frac{y}{r} - \frac{x}{r} - \frac{1}{2}}{1 - \frac{y}{r} + K_2} \quad (13G)$$