

ERRATA

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“Measurements to Determine Potential Interference to GPS Receivers from Ultrawideband Transmission Systems”

by

J. Randy Hoffman, Michael G. Cotton, Robert J. Achatz,
Richard N. Statz, and Roger A. Dalke

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Errata

4-10

The 2nd sentence in Section 4.2.1 should read, “The level of broadband noise was set to -93 dBm/20 MHz based on the minimum C/N_0 requirement for C/A code acquisition of 34 dB-Hz [3].”

5-9

Systematic reference error Φ_{ref} in the 3rd equation on this page should be without the superscript ⁽³⁾. The equation should read

$$\gamma = \Delta - \Phi_{ref} = \hat{\epsilon}_{UWB} + \varphi_{ref}$$

5-13,15

In the equations for skewness (3rd equation on 5-13) and excess (1st equation on 5-15), there should be no square root. The equations should read

$$\beta_1 = \frac{1}{\sigma^3 N} \sum_{n=1}^N (\gamma_n - m_\gamma)^3 \quad \beta_2 = \frac{1}{\sigma^4 N} \sum_{n=1}^N (\gamma_n - m_\gamma)^4$$

6-8

Replace “mean α (s)” or “mean α (sec)” on the y-axis of Figures 6.2.6 through 6.2.11 with “mean κ (s)”.

6-11

Replace “PSR accuracy” in the captions of Figures 6.2.12 through 6.2.16 with “PSR precision”.

C-4

In the 2nd sentence in Section C.3, replace “representing a bracketing of a wide range of bandwidths” with “bracketing a representative range of bandwidths.” The sentence should read, “Two different measurement bandwidths were used – 3 MHz and 20 MHz – bracketing a representative range of bandwidths.”