COMMENTS AND CORRECTIONS

Correction to "System Design of Gigabit HAPS Mobile Communications"

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In the above article [1], there was an incorrect statement on antenna pattern related to (1) in Section III-B. The sentence just after (1) should be read as "where Ψ_b is the half-power beamwidth divided by 2, $\Psi_1 = \Psi_b \sqrt{-L_N/3}$, $\Psi_2 = 3.745\Psi_b$, $X = L_N + A \log_{10}(\Psi_2)$, and $\Psi_3 = 10^{(X-L_F)/A}$." The definitions of Ψ_b and Ψ_3 are modified.

The authors requested this correction for complementing incorrect explanation on antenna pattern.

REFERENCE

[1] Y. Shibata, N. Kanazawa, M. Konishi, K. Hoshino, Y. Ohta, and A. Nagate, "System design of gigabit HAPS mobile communications," *IEEE Access*, vol. 8, pp. 157995–158007, 2020.

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