

- (1) The loss tangent of the FR4 laminate is stated as 0.0025 on page 2 and as 0.025 on page 5 of the same article.
- (2) The sawtooth in the defected ground-plane is much smaller than the wavelength. A current-distribution computation is required as a proof that it has any effect on the performance of the antenna.
- (3) Figure 3 is unreadable and can not be reproduced in a black-and-white magazine.
- (4) The antenna does not have a balun or other structures to stop currents on the outside surface of the coaxial feedline. Therefore the latter acts as part of the antenna.
- (5) Although the antenna is well matched at low frequencies, its radiation efficiency is declared low. Neither dielectric losses nor copper losses of the proposed structure can explain this drop of efficiency at low frequencies.
- (6) Co-polarization and cross-polarization are not defined, since the desired polarization of the antenna is not defined either.