

Corrigendum

Corrigendum to “The Noise Performance of a Multiple-Input-Port and Multiple-Output-Port Low-Noise Amplifier Connected to an Array of Coupled Antennas”

Frédéric Broydé and Evelyne Clavelier

Excem, 12 Chemin des Hauts de Clairefontaine, 78580 Maule, France

Correspondence should be addressed to Frédéric Broydé; fredbroyde@eurexcem.com

Received 28 April 2016; Accepted 11 July 2016

Copyright © 2016 F. Broydé and E. Clavelier. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

In the article titled “The Noise Performance of a Multiple-Input-Port and Multiple-Output-Port Low-Noise Amplifier Connected to an Array of Coupled Antennas,” [1] the following two corrections are needed.

On page 2, first column, first paragraph, one sentence should read “This possibility is very interesting since hermitian matching provides a maximum power transfer and decorrelated output voltages in the case of 3-dimensional Rayleigh channels (because the matching network modifies

the directional patterns such that they are orthogonal over all directions in space.)” instead of “This possibility is very interesting since hermitian matching provides a maximum power transfer and decorrelated output voltages in the case of 2-dimensional Rayleigh channels (because the matching network modifies the directional patterns such that they are orthogonal over the azimuth).”

In Figure 2, “lossless two-port” should be replaced twice with “noiseless four-port.” The correct figure is shown below.

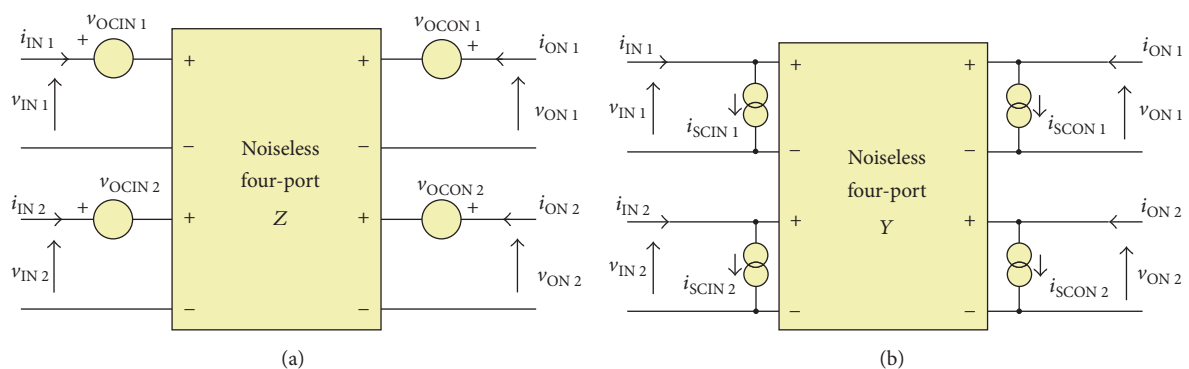


FIGURE 2: Equivalent circuit for a noisy MIPMOP device.

References

- [1] F. Broydé and E. Clavelier, “The noise performance of a multiple-input-port and multiple-output-port low-noise amplifier connected to an array of coupled antennas,” *International Journal of Antennas and Propagation*, vol. 2011, Article ID 438478, 12 pages, 2011.