

Review of: "Investigations on Input Impedance and Radiation Pattern of a UWB Antenna for Microwave Imaging"

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Potential competing interests: No potential competing interests to declare.

1. Comparison of reflection coefficients, gain, and radiation with simulation results is missing from the article and must be added and analyzed.
2. A detailed comparison of the performance of the proposed UWB antenna with the existing related state-of-the-art work needs to be added.
3. 'Time digitizer converter' has three consecutive occurrences of the abbreviation 'TDC' on page 3, which needs only to be labeled on the first occurrence by convention.
4. There are several abbreviations in the article that are not labeled in full or are incorrectly labeled when they first appear, such as 'UWB', 'VSWR', and 'FSS', even though they are well known to researchers.
5. The clarity of the images in the article must be further improved to enhance readability.
6. The citation format of references needs to be standardized, including the author's name, year, initial case of the paper's title, and other information that needs to be further proofread.