

# 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.

The authors offered their work on "Investigations on input impedance and radiation pattern of a UWB antenna for microwave imaging," which is an attractive subject for all researchers in the field. However, some changes and suggestions are required in this manuscript, and they are listed as follows:

1. Add some of the recent state-of-the-art references (2023-2024).
2. Include a table for comparing the proposed work with the other related work that the authors are presenting in the literature section.
3. Provide more information about the measurement tests of the proposed UWB antenna.
4. Novelty is not clear, and contribution is absent. The design structure of the proposed antenna is not unique and valid.
5. The proposed antenna is designed for the biomedical field. Thus, measuring the specific absorption rate is very crucial, as it's not mentioned in the proposed paper.