

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 work is genuine.

Sincere and considerable efforts have been made by the authors in contribution to the article.

The proposed antenna has also been fabricated.

with antenna characteristics results displayed.

Considering all these reasons, the proposed article can be considered for publication.

Provided the following modifications are incorporated in the work:

1. Minimisation of the side lobe magnitude.
2. Please include a state-of-the-art comparison table with the most recent and contemporary works with this proposed work so that we can show the edge in the antenna parameters in this work. THIS IS A MUST.
3. Also, kindly cite latest references, especially those articles published in the last 5 years, in the reference section.
4. Kindly put all the references in the chronological order of citation. As far as I can see, there is a section called "Other References" in the manuscript. This is very confusing and not systematic.
5. Please put numberings in all the subheadings and don't title the section as "Increasing the Size of the Reflector by 50%," as I can see in section 4. It looks very unprofessional. Instead, club all these in section 4 properly.
6. Kindly use standard software like Origin to plot all the graphs.

There is a need to replace all the graphs. It looks very amateur.

.Use filters to enhance the 3D pictures of the models and orient properly with the cartographic axes.

7. Overall typography and grammatical mistakes need to be looked at again for the whole article.

