

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. Please check the formatting; it should be uniform throughout the paper.
2. The well-established relations equations that have been included should be duly acknowledged.
3. The figures can be made more informative by including more details and labeling (e.g., Fig. 2, 13). The same can be done for other figures also.
4. The details of the measurement setup and methodology (VSWR & radiation pattern) may be included to showcase the authenticity of the measurements.
5. Tables 1 & 2 need improvement in formatting.
6. It should be clearly indicated whether the effects of the parameters length, width, and extrusion depth have been taken independently and whether the cumulative/combined effect may also be explored to arrive at a conclusion.
7. Fig. 24: The variation in the simulated and measured results must be explained.
8. The data regarding the effect of the size of the reflector may also be presented in tabular and graphical form to better illustrate it.
9. The conclusion may also include the gain enhancement attribute to highlight the work.
10. Future scope may be included (optional).