

# 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 manuscript required some revision as suggested below:

Better to include the percentage variation with standard values.

Include the VSWR values in the abstract section.

Equation 1 is well known; better to remove it.

Introduction needs revision. Go through other related articles on how to arrange the introduction section.

Related work needs revision; better to list them only.

Figure 2 is totally misleading; needs revision.

Include the top, bottom, and side views.

Fig needs heavy revision, and it is of low resolution.

How the reflector is designed needs more explanation.

Why gain is too low in improvement needs explanation.

Remove Fig. 13 as it is misleading.

Plot the figure from MATLAB. Show the 2D plot of the radiation pattern.