

# 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.

In this manuscript, the authors present investigations on the input impedance and radiation characteristics of an ultra-wide bandwidth microstrip antenna. The manuscript is well-organized, and it is worth publishing after addressing the following points.

1. The figures' quality presented in the manuscript is poor. I suggest improving them using a different program to draw.
2. Figures (5, 6, 7, 8) show only the measured radiation pattern at different frequency points. It would be better to compare them with their simulated ones.
3. In Figure 11, a significant gain achievement results from the use of a dual-layer FSS reflector. This achievement should be explained scientifically in the manuscript.