

# 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 paper's main idea is interesting, but its presentation could be improved. Following are some suggestions:

- 1) In Fig. 12, adding an isometric view could help to visualize the antenna. Furthermore, "G" and "S" dimensions could be better depicted.
- 2) "t\_patch" and "t\_sub" are not defined. (We understand that they are metallization and substrate thicknesses, but they could be, at least, commented.)
- 3) Fig. 13 could be better positioned. Furthermore, the source (red sheet) seems to be oversized.
- 4) In Figs. 20-22, the "green circle" must be, at least, cited. Again, we understand its meaning, but it could be commented.
- 5) The measurement setup could be better described.
- 6) In Fig. 24, the authors could comment on the difference between the measured and simulated results, specifically near 5 GHz and 9 GHz.
- 7) Fig. 26 could be improved; it seems to be so crowded.