

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 authors have made efforts to design an antenna with improved input impedance and directivity. The manuscript requires major revision as mentioned below:

The authors must mention the characteristics of the antenna required for a UWB antenna for microwave imaging, as the title of the paper is "Investigations on Input Impedance and Radiation Pattern of a UWB Antenna for Microwave Imaging," which is missing.

There are several reported techniques that can improve the input impedance, gain, and directivity of a UWB antenna. Authors must do more literature review before suggesting any design.

References must be updated with the latest ones, and the design must be compared with some of the latest designs, mentioning the novelty of the designed antenna.