

**“3D Ultra wide band antennas with controlled stop band”**, pp.312-317

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**Abstract** – This paper presents volume Ultra Wideband antennas modified to incorporate a filtering function. The solution consists in creating stubs in the shape of the antenna. Two particular topologies are studied and modified to include the filtering function. This function is modeled to control the parameters of the created stop band. The optimisation of the stop band is studied in the respect of the matching band of the antenna.