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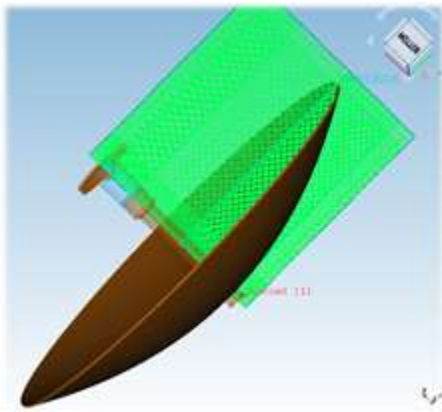
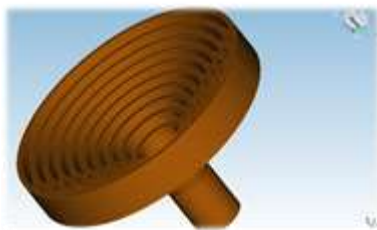
QWED Sp. z o.o.

www.qwed.eu



QWED is a Polish company delivering to its customers two types of products, software for electromagnetic simulation, QuickWave, and fixtures for precise microwave characterisation of materials.

QuickWave is an electromagnetic software allowing for solving general EM problems and performing the design activities of standard microwave and mmWave components and systems. Next to 3D solver, QuickWave offers BOR solver allowing for decreasing computational effort and required computer resources by orders of magnitude when analysing structures exhibiting axial symmetry such as feeding horns, dual-reflector antennas, etc. Implementing GPU and MultiGPU computation, QuickWave BOR becomes uniquely efficient tool for regular and demanding antenna design and optimization work.



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Our fixtures for precise microwave and mmWave measurements of materials allow to measure dielectric constant and loss tangent of antenna substrates (e.g. laminates, ceramics, etc.) or radomes as well as conductivity of conductor cladding creating radiating patches and traces. QWED fixtures cover wide frequency range from 1 to 170 GHz and support scientists, researchers and engineers in their work towards 5G/6G and other emerging technologies, including AI data centres, their electronic systems as well as immersion cooling by characterizing dielectric properties of electronic coolants.

