

Design and development of telecommunication devices on the basis of metamaterialiv and integral multi-layered technologies.

State registration –0110U001222

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Results

The principles of construction, modeling and design, design methodology in the range of 5...100 GHz telecommunication devices (TAP) and their components (filters, amplifiers, etc.) and hardware components (lines, transitions, etc.) through the use of metamaterials and integral multi-layer LTCC technologyand, LCP, and examples of implementation of the devices on that basis.

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