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On electrical characteristics of comb-shaped microstrip antennas

Markina A., Pleshchinskii N., Tumakov D.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2017 IEEE. The microstrip antennas with symmetrical comb-shaped radiator are considered. The influence of depth of the cuts on main electrical characteristics of four- and eight-comb antennas is researched. The resonance frequency, the bandwidth and reflection coefficient are chosen as characteristics. The graphs of unknown dependencies are constructed for the two basic frequencies.

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Keywords

Comb-shaped microstrip antenna, Electrical characteristics

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