

Abstract

An electric field intensity distribution preparation apparatus defines the neighborhood about a repeater as a mesh of an arbitrary size. Then, each mesh is determined whether it is a mesh with sight, a mesh without sight, or a mesh that cannot be reached by a wave on the basis of data of an electronic map. The electric field intensity of each mesh is obtained for the mesh with a sight to produce an electric field intensity distribution of the neighborhood of a repeater. As a result, an electric field intensity distribution preparation apparatus that can easily determine a wave propagation pattern centered about a repeater is provided.