

Creation of a Unified System for Monitoring Communication Objects on the Basis of Temporal and Spatial Dynamics of Electromagnetic Fields

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Abstract: The existing electromagnetic monitoring system has been studied in order to improve the electromagnetic safety of territories where transmitting radio engineering objects of telecommunication networks are located. Recommendations for upgrading the existing electromagnetic monitoring system and operating base stations are presented. The shortcomings of the current system of monitoring and control of the electromagnetic environment are identified and ways to solve them are proposed.