Ministry Of Higher Education & Scientific Research

Diyala University

College Of Engineering

Communications Department

Jamming On Communication Of Multi Frequency Bands And Observing The Objects Movement By Using Wireless Infrared CMOS Camera

A Project Submitted to College of Engineering / Communications Dept in Partial Fulfillment of The Requirements for The Degree of B.Sc. in Communications Engineering

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Abstract

The project demonstrates the methods of eliminating the ability of making connections between two communication destinations objects, Also it utilizes the jammer circuit in order to jam multi communication frequency bands like GSM frequencies. The project uses a designed system to take a top view and to monitor the objects movements on the earth by using wireless (COMS) camera combined by an infrared radiation source for realize night Observation. The jamming device and the wireless camera are carried by a remote controlled helicopter in order to add a flexibility for the process of jamming on communication and to provide the multi level of heights to observation process. The entire system can be used to give primary warnings to protect the academic institutions like our college, our university and other civilian buildings such as banks from the attempts of thieves to ravage or to destroy these institutions ;Software Multisim11.0 was used in the simulation.

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