Ministry Of Higher Education & Scientific Research

Diyala University

College Of Engineering

Communication Department



Design of GSM Signal Power Meter

A Project Submitted To College Of Engineering / Communication Dept. In Partial Fulfillment Of The Requirements For The Degree Of B.Sc. In Communication Engineering

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Abstract

The detection of electromagnetic signals is required in all communication systems in order to establish a reliable connection between the sender party and the receiver party. Sometimes the establishment of connections is prohibited especially in hospitals, libraries and exam holes. The main target of this project is to design a detector circuit to senses phone calls activities which use the frequency of cellular network GSM900MHz the design of the circuit is inspired from the idea of crystal radio with the enhancement of adding amplifier circuit LM3914. The designed circuit realized the previous mentioned target by producing light and sound signals when the GSM900MHz signals exist within detection range.

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