A better Approach to detect the Presence of Cell Phones being used in Prohibited Areas

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Abstract

This handy, pocket-size mobile transmission detector can sense the presence of an activated mobile phone from a distance of one and half meters. So it can be used to prevent the use of mobile phones in examination halls, confidential rooms, etc[2]. There are existing models for the cell phone detectors which works when some transmission occurs from the phone. In this paper, we are proposing a detector which works even when the mobile phone is just in the switched on mode but not being used for any kind of transmission. It is also useful for detecting the use of mobile phone for Spying and unauthorized video transmission[2]. The circuit can detect the incoming calls and outgoing calls, SMS and video transmission even if the mobile phone is kept in the silent mode. The moment the bug detects RF(Radio Frequency) transmission signal from an activated mobile phone, it starts sounding a beep alarm and LED blinks[1]. The alarm continues until the signal transmission ceases.

References
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Index Terms
Computer Science Wireless

Keywords
Cell phone detector; No transmission mobile detector; RF(Radio Frequency) detector; Exam malpractice detector; security; privacy; confidential