Abstract

Internet-based technology such as mobile and computers have been widely grown over the world in the recent years. Indoor Internet wireless has spread rapidly instead of a traditional method which using cable-based services to get the Internet services. Today hardly non-exist these devices in any house or office. A lot of people concerned about the effect these devices especially effect on children. Hundreds of reports talked about the Electromagnetic field (EMF) emitted by wireless devices and its effect on both human and animal. In Iraq the wireless broadcasting has been divided into two types, these kinds include indoor wireless broadcasting and outdoor wireless broadcasting by using towers. In this paper, comparing between two type of broadcasting from the perspective of power density which is accredited by most of the organization that specializes in EMF. In the indoor broadcasting, different types of wireless broadcasting devices take as a sample to measure the power density, whilst, the in outdoor broadcasting Previous measurements take to compare with indoor measurements. The measurements obtained from this study show that the effects of the internal broadcasting
devices are more influential than the external broadcasting devices that connected to the towers, especially for very close distances. Therefore, this study emphasizes to remove these devices from the bedrooms and classrooms and patients rooms.

References

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Index Terms

Computer Science Information Sciences

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EMF, Wireless device, Broadcasting, Power density.