

Electric field strength of mobile base station equipment

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The analysis of channel power and electric field strength at various locations from mobile base stations using power sensor, spectrum analyzer and log-periodic antenna revealed maximum ...

Therefore, a comparative study was designed with the aim of quantifying and comparing the electric field strength (EF), magnetic field strength (MF) and power density (PD) on four sides of cell phone towers ...

In this study, electric field strength measurements were carried out on mobile phone base stations in five suburban and five urban areas, and the 20 points average value and the 3 points average value ...

Extensive comparisons of simple free space propagation calculations and measured maximum field strength values for indoor situations around base station antennas for mobile communication are ...

The study is intended to generate precedent information on the levels of exposure to electric fields from mobile telephone base stations, to provide a mechanism for determining SAR and ...

This paper investigates about the amount of electromagnetic field emits by the tower and compare that values with the guidelines and limits that are to be set by International Commission on Non Ionized ...

This paper presents the analysis of electromagnetic radiation of mobile base stations co-located with high-voltage transmission towers. Although the layout of power poles and towers is ...

Results: The developed formula for electric field estimation is verified comparing the calculated values by its implementation to the practical results obtained by intensive measurements ...

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