

# **Abstract**

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## **Performance of wire antenna for mobile communication's handset at 1800 MHz**

Today, antennas used in mobile communication systems have been recognized as critical elements that can either enhance or constrain performance. We have investigated the application of three different types of antennas ( Inverted F, Normal mode helical, and Sleeve monopole antennas) for portable communication system (PCC) at 1800 MHz, which are placed outside and inside the handsets.