

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.