

Small antenna efficiency by the reverberation chamber and the Wheeler Cap methods

Two methods of determining an antenna's efficiency are compared. Each of these methods was used to measure the efficiency of three different antennas (two monopole antennas with attenuator and surface mount resistor, and modified folded monopole patch antenna). The experimental results from both methods which were obtained are discussed. The purpose of this paper is to show that the antenna efficiency can be measured accurately in reverberation chamber and highly comparable to traditional Wheeler Cap method.