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RADIO WAVE PROPAGATION AND ANTENNAS. INTRODUCTION The most important element in a radio circuit is the antenna. You may have a powerful transmitter and a frequency, but without the correct antenna, communication will be less than desirable, if not impossible.

RADIO WAVE PROPAGATION AND ANTENNAS

Antennas & Propagation CS 6710 Spring 2010 Rajmohan Rajaraman. Introduction An antenna is an electrical conductor or ... oHalf-wave dipole antenna (or Hertz antenna) oQuarter-wave vertical antenna (or Marconi antenna) Parabolic Reflective Antenna oUsed for terrestrial microwave and satellite applications

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must communicate, navigate, and be ready to fight the ship 24 hours a day depend on you to keep these emitters and sensors operational. In this volume, we will review wave propagation, antenna

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Dr.V.Thirimurthulu Lecture Notes Antenna & Wave Propagation CREC Dept. of ECE P a g e | 5 1.

Fundamental Concept 1.1 Introduction: An antenna (or aerial) is an electrical device which converts electric power into radio waves, and vice versa.

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