

Conical Antenna

An Investigation of the High Frequency Wide Angle Conical Antenna Handbook of Conical Antennas and Scatterers The Application of Periodic Structures to Conical Antenna Design A Conical Monopole Antenna Above a Hemispherical Finite Screen The Handbook of Antenna Design A Simplified Formulation and Computation for Conical Monopole Antennas Handbook of conical antennas and scatters On Conical Horn Antennas The Far Zone Fields of a Cap-fed Conical Antenna Monolithic Millimeter-submillimeter Wave Active Conical Horn Antenna Arrays Monolithic Millimetre - Submillimetre Wave Active Conical Horn Antenna Arrays Five-meter-diameter Conical Furlable Antenna Dynamic Analysis of a Loaded Conical Antenna Over a Ground Plane Diccionario de Derecho Canónico arreglado á la Jurisprudencia eclesiastica española, antigua y moderna Design and Analysis of Corrugated Conical Horn Antennas with Terahertz Applications Tables of Impedance and Radian Effective Length of Wide-Angle Conical Antennas Maximum Gain of Spherical and Conical Antennas A Theoretical Investigation of Spherically-capped Conical Antennas Cylindrical, Conical and Spherical Antenna Arrays Folded conical helix antenna S. J. Towaij R. M. Bevensee Charity Basaza Mulenga D. R. Kadakia Alan W. Rudge Mark T. Ma H. E. M. Koop Scott Paul Stewart (Jr.) Vassileios Douvalis J. W. Fortenberry Donald R. Wilton Fiachra Cahill L. I. Ponomarev Charles Herach Papas Jean Francois Gobert Justin Austin Dobbins An Investigation of the High Frequency Wide Angle Conical Antenna Handbook of Conical Antennas and Scatterers The Application of Periodic Structures to Conical Antenna Design A Conical Monopole Antenna Above a Hemispherical Finite Screen The Handbook of Antenna Design A Simplified Formulation and Computation for Conical Monopole Antennas Handbook of conical antennas and scatters On Conical Horn Antennas The Far Zone Fields of a Cap-fed Conical Antenna Monolithic Millimeter-submillimeter Wave Active Conical Horn Antenna Arrays Monolithic Millimetre - Submillimetre Wave Active Conical Horn Antenna Arrays Five-meter-diameter Conical Furlable Antenna Dynamic Analysis of a Loaded Conical Antenna Over a Ground Plane Diccionario de Derecho Canónico arreglado á la Jurisprudencia eclesiastica española, antigua y moderna Design and Analysis of Corrugated Conical Horn Antennas with Terahertz Applications Tables of Impedance and Radian Effective Length of Wide-Angle Conical Antennas Maximum Gain of Spherical and Conical Antennas A Theoretical Investigation of Spherically-capped Conical Antennas Cylindrical, Conical and Spherical Antenna Arrays Folded conical helix antenna S. J. Towaij R. M. Bevensee Charity Basaza Mulenga D. R. Kadakia Alan W. Rudge Mark T. Ma H. E. M. Koop Scott Paul Stewart (Jr.) Vassileios Douvalis J. W. Fortenberry Donald R. Wilton Fiachra Cahill L. I. Ponomarev Charles Herach Papas Jean Francois Gobert Justin Austin Dobbins

this book presents the fundamental background theory and analytical techniques of antenna design it deals with a very wide range of antenna types operating from very low frequencies to millimetre waves

three integral equations are derived and formulated for numerical solution for the currents induced on a resistively loaded conical antenna over a ground plane the first integral equation is a relatively simple one for a cone without a topcap the second and third integral equations are applicable to a cone with or without a topcap but the latter equation is relatively cumbersome involving complicated kernels with various singularities a computer code has been developed for each of the three methods numerical data for current distributions input impedances and radiation patterns are presented for resistively loaded and unloaded structures both with and without topcap author

the optimization of the gain function of spherical and conical antennas consisting of a system of slotted radiating elements is solved by means of singular vector functions spherical antenna q dependence on sphere elector radius is investigated and the maximum gain of

spherical antennas is compared to the maximum gain of an equivalent co phased aperture author

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