

# Conical Antenna

Handbook of Conical Antennas and Scatterers An Investigation of the High Frequency Wide Angle Conical Antenna The Application of Periodic Structures to Conical Antenna Design The Handbook of Antenna Design A Simplified Formulation and Computation for Conical Monopole Antennas A Conical Monopole Antenna Above a Hemispherical Finite Screen On Conical Horn Antennas Handbook of conical antennas and scatters The Far Zone Fields of a Cap-fed Conical Antenna Monolithic Millimetre - Submillimetre Wave Active Conical Horn Antenna Arrays Monolithic Millimeter-submillimeter Wave Active Conical Horn Antenna Arrays Diccionario de Derecho Canónico arreglado á la Jurisprudencia eclesiatica española, antigua y moderna Design and Analysis of Corrugated Conical Horn Antennas with Terahertz Applications Dynamic Analysis of a Loaded Conical Antenna Over a Ground Plane Maximum Gain of Spherical and Conical Antennas Physical Size Reduction of the Conical Log-spiral Antenna by Use of a Zigzag Geometry Folded conical helix antenna Frequency-independence and Symmetry Properties of Corrugated Conical Horn Antennas with Small Flare Angles Cylindrical, Conical and Spherical Antenna Arrays Five-meter-diameter Conical Furlable Antenna R. M. Bevensee S. J. Towaij Charity Basaza Mulenga Alan W. Rudge Mark T. Ma D. R. Kadakia H. E. M. Koop Scott Paul Stewart (Jr.) Vassileios Douvalis Fiachra Cahill Donald R. Wilton L. I. Ponomarev Steven Lee Mathews Justin Austin Dobbins Martinus Elisabeth Johannes Jeuken Jean Francois Gobert J. W. Fortenberry Handbook of Conical Antennas and Scatterers An Investigation of the High Frequency Wide Angle Conical Antenna The Application of Periodic Structures to Conical Antenna Design The Handbook of Antenna Design A Simplified Formulation and Computation for Conical Monopole Antennas A Conical Monopole Antenna Above a Hemispherical Finite Screen On Conical Horn Antennas Handbook of conical antennas and scatters The Far Zone Fields of a Cap-fed Conical Antenna Monolithic Millimetre - Submillimetre Wave Active Conical Horn Antenna Arrays Monolithic Millimeter-submillimeter Wave Active Conical Horn Antenna Arrays Diccionario de Derecho Canónico arreglado á la Jurisprudencia eclesiatica española, antigua y moderna Design and Analysis of Corrugated Conical Horn Antennas with Terahertz Applications Dynamic Analysis of a Loaded Conical Antenna Over a Ground Plane Maximum Gain of Spherical and Conical Antennas Physical Size Reduction of the Conical Log-spiral Antenna by Use of a Zigzag Geometry Folded conical helix antenna Frequency-independence

and Symmetry Properties of Corrugated Conical Horn Antennas with Small Flare Angles Cylindrical, Conical and Spherical Antenna Arrays Five-meter-diameter Conical Furlable Antenna *R. M. Bevensee S. J. Towaij Charity Basaza Mulenga Alan W. Rudge Mark T. Ma D. R. Kadakia H. E. M. Koop Scott Paul Stewart (Jr.) Vassileios Douvalis Fiachra Cahill Donald R. Wilton L. I. Ponomarev Steven Lee Mathews Justin Austin Dobbins Martinus Elisabeth Johannes Jeukens Jean Francois Gobert J. W. Fortenberry*

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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