



Tem Horn Antenna Design Principles (Classic Reprint) (Paperback)

By Chriss a Grosvenor

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Tem Horn Antenna Design Principles Certain antennas on the market today are used for electromagnetic compatibility measurements such as radiated immunity and emissions testing. These are designed to cover a broad frequency spectrum while maintaining specified directional properties. However, trying to meet both en teria leads to distortion either in the phase or amplitude properties of the incoming signal. Designing an antenna with desired qualities in the time - domain will translate to an antenna with a broadband response in the frequency domain. A well-designed time-domain antenna should accurately reproduce the time waveform of the incoming field, thus preserving the amplitude and phase of the incoming signal [1 To provide desirable time-domain fidelity, an antenna must have both a constant amplitude response and a linear phase response in the frequency domain. Applications for which this characteristic is important include electromagnetic compatibility (emg) facility evaluations site attenuation measurements to determine ambient loss room imaging studies [7] and shielding effectiveness studies on aircraft [8. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is...



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