

Personal notes

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ISTIC

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Contents

Contents Introduction Résumé Rapide		ii iii iv			
			1	Foundations of RF and Antennas 1.1 Basic Concepts	e . 1
			\mathbf{A}	Example of Appendix Chapter	2
В	Glossary Glossary Acronyms	3 3			

Introduction

Résumé Rapide

Foundations of RF and Antennas

1.1 Basic Concepts

Electromagnetic Waves
RF Spectrum and Frequency Bands
Wave Propagation Mechanisms

1.2 RF Basics and Transmission

Modulation Techniques

Transmission Lines and Waveguides

Power Measurements (dB, dBm)

Example of Appendix Chapter



Glossary

FPGA A **FPGA** is a type of configurable integrated circuit that can be repeatedly programmed after manufacturing.

VHDL The VHDL is a hardware description language that can model the behavior and structure of digital systems at multiple levels of abstraction, ranging from the system level down to that of logic gates, for design entry, documentation, and verification purposes.

Acronyms

FPGA Field Progammable Gate Array

VHDL VHSIC Harware Description Language

VHSIC Very High Speed Integrated Circuit Program