Radio Frequency and Microwave Measurements

# 2.1 Introduction

# 2.2 Electromagnetic Wave Parameters

## 2.2.1 Wave Definitions

## 2.2.2 Derived Metrics and Figures of Merit

# 2.3 Vector Network Analysers

## 2.3.1 Architecture

## 2.3.2 Error Models

## 2.3.3 Calibration

# 2.4 Large Signal Vector Network Analysers

## 2.4.1 Absolute 8-Term Error Model

## 2.4.2 Power Meter Calibration

## 2.4.3 Phase References

# 2.5 Conclusions