

**PRELIMINARY PRODUCT DATA SHEET**

# RAMMS (Remote Automated Microwave Measurement System)

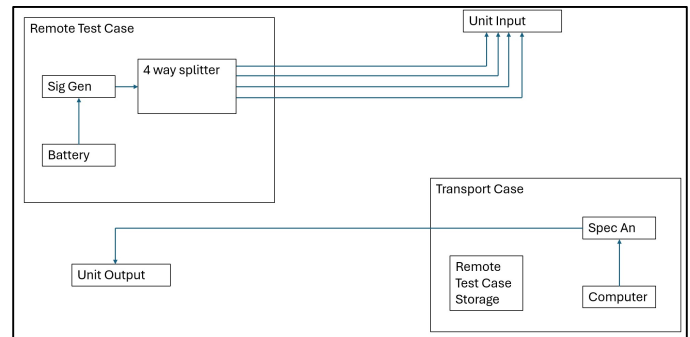
by R. A. Wood Associates

## Introduction

RAMMS was developed to improve and automate a “grooming (loss compensation)” process during installation of an RF system, from antenna to receivers, over very long distances. It removes the need for manual measurement over radio comms and bulky test instrumentation.

This measurement system is provided in a ruggedized weatherproof case, which stores all components in a small (10.25” x 17.93” x 22.06”) footprint. A 15” laptop is included, along with software.

The Signal Source is capable of >24 hours of autonomous operation from 10MHz to 18GHz, and the Measurement Receiver can display various statistics, including gain measurement. Custom measurements such as frequency, amplitude, spurious, etc. are easily adaptable.



## Specification

SIGNAL SOURCE		UNITS
FREQUENCY	0.01 to 18	GHz
INPUT RANGE	-40 to 0	dBm

MEASUREMENT RECIEVER		UNITS
FREQUENCY	0.01 to 18	GHz
INPUT RANGE	-110 to 20	dBm



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