

# PIM Master™ MW82119B

## Passive Intermodulation Analyzer with Site Master™ Cable & Antenna Analyzer Option

### Introduction

Anritsu introduces the first fully integrated Passive Intermodulation (PIM) Analyzer plus Cable and Antenna Analyzer (Option 331) suitable for commissioning and maintaining global wireless networks. This high performance, battery operated unit allows operators to fully characterize infrastructure quality by measuring Return Loss, VSWR, Cable Loss, Passive Intermodulation, Distance-to-Fault, and Distance-to-PIM with a single test instrument.

#### Passive Intermodulation (PIM) Analyzer Highlights

- Measurements: PIM vs. Time, Swept PIM, Noise Floor, Distance-to-PIM
- 3rd, 5th, and 7th order intermodulation products
- Test power: 20 dBm to 46 dBm
- Residual PIM: -125 dBm typical

#### Cable and Antenna Analyzer Highlights (Option 331)

- Measurements: RL, VSWR, Cable Loss, DTF, Phase
- Frequency range: 2 MHz to 3 GHz
- Sweep Speed: 1 ms/data point, typical
- Calibration: OSL and FlexCal™

#### Capabilities and Functional Highlights

- Integrated solution
- Battery operated: >3.0 hour run time
- Display: 8.4 in (213 mm) daylight viewable
- IP54 rated for dust and water spray
- MIL-STD-810G drop test rated
- Stainless steel lifting rings
- Padded soft case for extra protection
- Easy-to-use, menu driven user interface
- Quick Name Matrix simplifies naming in the field
- GPS tag measurements (Option 31)
- High Accuracy Power Meter (Option 19)

































