

# PRODUCT INTRODUCTION

Additional upgrades or features for

**MX268130A/330A/730A**

**MX860830A/930A**

**Ver.4.1**

**Wireless LAN measurement software**

**ANRITSU CORPORATION**

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MX268x30A/MX860x30A-E-I-3

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**Additional function**

**1. IEEE802.11g (ERP-OFDM, DSSS-OFDM, ERP-DSSS/CCK)**

**Modulation analysis:**

[IEEE802.11a, **IEEE802.11g (ERP-OFDM, DSSS-OFDM)**, HiSWANa, HiperLAN2]

Frequency (Carrier frequency, Carrier frequency error)

Modulation Characteristic (EVM-RMS, EVM-Peak, Phase error-RMS)

OFDM-spectrum (Carrier leak, Spectrum flatness)

Display waveform (Constellation, EVM vs Symbol, EVM vs Sub-carrier, Phase error vs Symbol, Spectrum flatness)

[IEEE802.11b, **IEEE802.11g (ERP-DSSS/CCK)**]

Frequency (Carrier frequency, Carrier frequency error)

Modulation Characteristic (EVM-RMS, EVM-Peak, Phase error-RMS, Amplitude error-RMS, Origin offset)

Display waveform (Constellation, EVM vs Chip, Phase error vs Chip, Eye-diagram)

**Power**

Average power, Maximum Power, Carrier off power, Burst on/off ratio, Burst rising/falling time \*2

**Occupied bandwidth, Spreading bandwidth \*2**

**Adjacent channel power \*1**

**Spectrum mask**

**Spurious,**

**Out-band leakage power**

**CCDF, APD**

**Chip clock tolerance \*2**

**Macro function (Batch processing)**

\*1 IEEE802.11a, HiSWANa and HiperLAN2

\*2 IEEE802.11b and **IEEE802.11g (ERP-DSSS/CCK)**

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## **Additional function**

2. No Power Meter nor Level Calibration using PM capabilities

However limited to MS8608A, MS8609A only, calibration can be done utilizing the built-in power meter.

3. Chip clock tolerance

IEEE standard measurement items added following Motorola's request.

4. Macro function (Batch processing)

4-1. Data can be saved in a csv file.

Measurement results using Macro function can be saved in a csv file. The csv file can be edited on an excel spreadsheet.

4-2. Secondary Emission measurement function

5. Spurious emissions measurement function

5-1. Possible to set the Margin at once.

5-2. Table of TELEC standards revised partially.

6. RF Power transient

Width of the horizontal axis in the graph was fixed to 8us. Now the width can be changed between 8us and 40us.

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Specifications are subject to change without notice.

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