

Vector Network Analyzer MU3230



MU3230 VECTOR NETWORK ANALYZER is a personal computer driven Vector Network Analyzer capable of operation over the range of 10 MHz. to 6 GHz. It incorporates a S-parameter test set allowing direct measurements of forward and reverse parameters over an 80 dB dynamic range.

This analyzer satisfies the need to characterize the behaviour of passive and active components fast, accurate and complete. The PC allows easy storage and printing of the testresults.

The 6 GHz. range makes this analyzer suitable for testing in Cellular, TETRA, GSM, PCS, IMT2000, WLL, DMB and Bleu-tooth. It simplifies testing of filters, amplifiers and mixers with a wide variety of available calibration options, including mixed connector, power meter accurate and vector-error frequency translated correction.

All against an extremely competitive costlevel.

Specifications

Frequency Characteristics

Range	10 MHz - 6.0 GHz
Resolution	10 KHz
Accuracy	< 5 ppm
Sweep Time	< 500 us / point

Measurements Characteristics

Mode	S11 / S21 / S12 / S22
Dynamic Range	> 80 dB
Number of Data Points	101 / 201 / 501
Display Mode	Log Mag./VSWR/Phase/Smith-chart

Test Port

Input Impedance	50 Ω
Connector	N-female
Port Output Power (Max.)	0 dBm
Port Attenuation	0 - 30 dB (1 dB step)
Max. Input Damage Level	> 20 dBm, > 45 Vdc

Test Cable

Cable Connector	N-male to SMA-male
Length	60 cm

Calibration Kit

Type	SMA-female OPEN/SHORT/LOAD/THRU
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Power Requirements

AC Input	80 - 240 VAC, 50/60 Hz
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Physical Specifications

Interface	RS232, USB
Dimension (mm)	435 x 370 x 183
Weight	15 Kg

Environment Specifications

Operational Temperature	0 - 30 °C
Storage Temperature	-40 - 70 °C

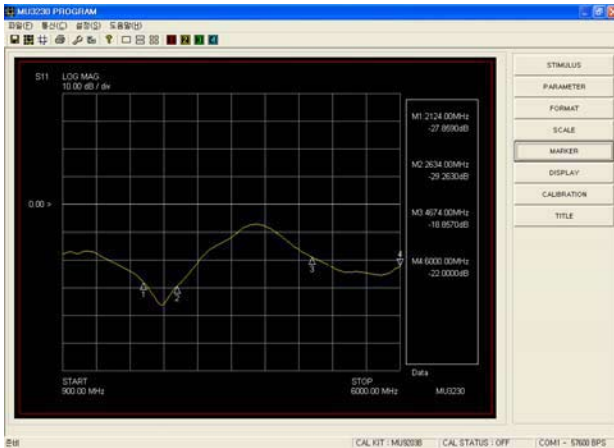
Accessories included:



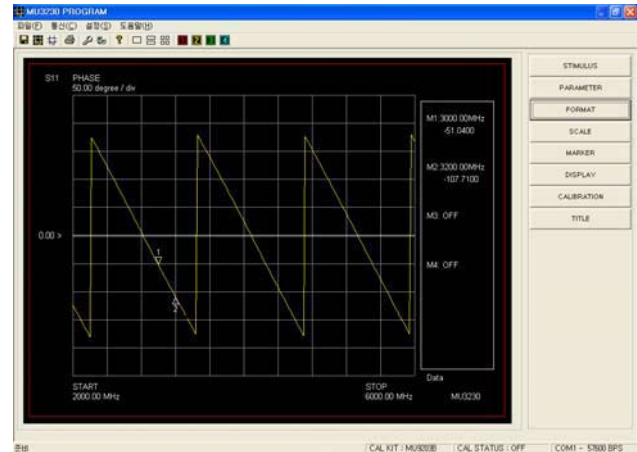
- Test Cables(2 EA)
- SMA Calibration Kits
 - Short(1EA)
 - Open(1EA)
 - Load(1EA)
 - Thru(1EA)
- PC Interface Cable

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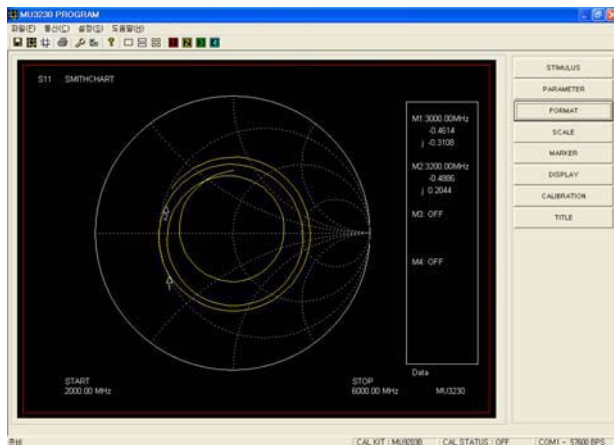
Display Formats



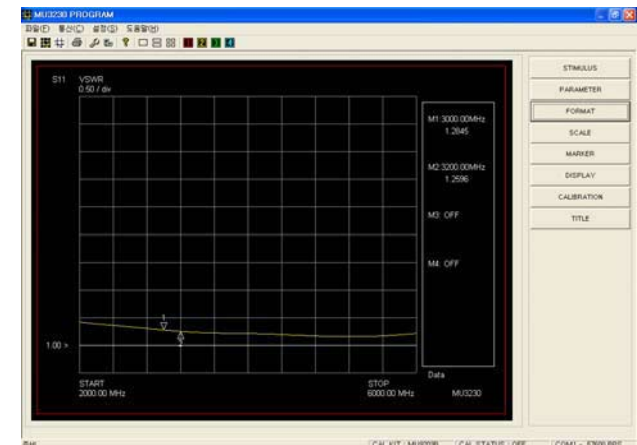
LOG MAG.



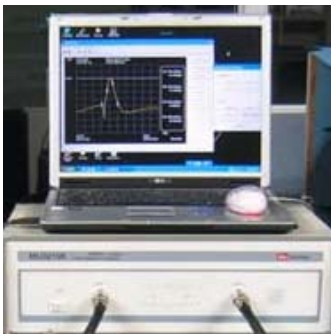
PHASE



SMITH CHART



VSWR



The user interface software is developed for easy use of the analyzer.

It provides many useful features as memory functions, and easy step by step calibration procedures. The standard calibration kit will be included in the delivery of the Vector Network Analyzer.

An external PC is connected with the RS232C and it controls the MU3230 in the serial communication, measures active or passive RF devices, and displays test results in the above displayed formats.

The external PC controls not only the actual measurements but also printing, plotting, and saving of the test results.

► Specifications and S/W are subject to change without notice

FOR INFORMATION PLEASE CONTACT:

TTR -- TRM Technical Representatives
 Aletta Jacobsstraat 6
 3141 XV Maassluis -- The Netherlands
 Tel: +31 (0)10 5922 810 -- Fax: +31 (0)10 5918 786
 mail: thom@trm-tr.com