



GOOD WILL INSTRUMENT CO.,LTD

Electricity Calibration Laboratory

Calibration Report

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Cal. Report No.:	The calibration results only represent the accuracy /validity of the calibrated instrument.
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Address: No.7-1, Jhongsing Road., Tucheng District, New Taipei City 236, Taiwan (R.O.C.)
TEL:886-2-22680389 EXT:308

Applicant:

Address:

MFG./Model No.: GW GFG-8216A

I.D.No.:

Nomenclature:
Function GeneratorCal. Procedure Used:
GWS-Q3-2S-390

Receipt Date:

Calibration Date:

Condition of calibration

Temperature 23 ± 2 °CR.H. 45 ± 15 %

Standards Employed

I.D.No.

MFG./Model No.

Nomenclature

Test Date

Due Date

INFORMATION ONLY

Calibration Sources

Measurement Parameter

Test Number

Test Date

Due Date

Good Will Instrument Co., Ltd. hereby certifies that the equipment noted herein has been compared with the above listed standards. The standards used to perform this calibration are traceable to the national measurement standards of R.O.C. or other countries. The Good Will Instrument Co., Ltd. calibration laboratory is in compliance with the requirements of the ISO/IEC 17025.

Signature

Cal. Report No.:

Calibration Data**1.Function Generator:****1-1.Amplitude Check: (Sine Wave, Into 50 Ω load)**

<u>Setting</u>	<u>Standard</u>
10Hz, Amp. Max.	11.5 Vpp
1kHz, Amp. Max.	11.5 Vpp
1MHz, Amp. Max.	11.5 Vpp
3MHz, Amp. Max.	11.4 Vpp

1-2.Frequency Check:

<u>Setting</u>	<u>Standard</u>
1 Hz	1.00005 Hz
10 Hz	10.0001 Hz
100 Hz	100.007 Hz
1 kHz	1.00005 kHz
10 kHz	10.0005 kHz
100 kHz	100.005 kHz
1 MHz	1.00005 MHz
3 MHz	3.00005 MHz

INFORMATION ONLY**1-3.CMOS Output Level Check:****(Frequency :1kHz ,Amplitude: Max.)**

<u>Setting</u>	<u>Standard</u>
4 Vpp	4.4 Vpp
14.5 Vpp	14.8 Vpp

1-4.TTL Output Level Check:**(Frequency :1kHz ,Amplitude: Max.)**

<u>Standard</u>
5.0 Vpp

Cal. Report No.:

Calibration Data**1-5.Distortion Check:**

<u>Frequency</u>	<u>Standard</u>
20 Hz	0.57 %
100 Hz	0.60 %
1 kHz	0.60 %
10 kHz	0.58 %
100 kHz	0.36 %

2.Frequency Counter:**2-1.Sensitivity Check:**

<u>Frequency</u>	<u>Sensitivity</u>
1 kHz	7.1 mVrms
100 kHz	6.5 mVrms
1 MHz	3.5 mVrms
100 MHz	3.7 mVrms

INFORMATION ONLY**2-2.Frequency Check:**

<u>Standard</u>	<u>Reading</u>
10 Hz	9.99997 Hz
100 Hz	99.9997 Hz
1 kHz	999.997 Hz
10 kHz	9.99997 kHz
100 kHz	99.9997 kHz
1 MHz	999.997 kHz
10 MHz	9.99997 MHz
100 MHz	99.9997 MHz

Cal. Report No.:

Instruction of this calibration report

- 1.The Setting value listed in the item 1-1,1-2,1-3,1-4 and 1-5 is the output setting value of GFG-8216A,and the “Standard” value is obtained by tracing and compensating the average value of the 5 times measurement results.
- 2.The reading value listed in the item 2-2 is obtained from the average value of the 5 times measurement results.“Standard” is the output stanard value.
- 3.The adjustment period: during Mar.21~23,2012.
- 4.The calibration results only represent the accuracy/validity of the calibrated instrument.
- 5.The owner of the calibrated instruments can use this report without any restrictions.
- 6.No part of this reoprt may be reproduced in any form or by any means, or stored in a data base or retrieval system, without the prior written permission of the calibration laboratory.
- 7.This calibration laboratory is an approved and recognized laboratory by the Council of Taiwan Accreditation Foundation.
- 8.Relative expansion uncertainty :
The smallest measurement capability represents a relative expansion uncertainty using a coverage factor approximately $k=2$ at 95% level of confidence.

Freq : 0.0020 %

INFORMATION ONLY