

MANUAL CHANGES **September, 01**

Manual for Model Number	81110A,81104A
Manual printed on	April 2000
	Edition 1.1, E0400
Manual Part Number	81110-91021

Make all ERRATA corrections.

Check the following table for your instrument serial prefix/serial number/EDC and make the listed changes to your manual

New Item

Serial Prefix or Serial Number	Manual Change	Serial Prefix or Serial Number	Manual Change
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ERRATA

81104A		81110A	
DE387 00466		DE387 00805	
Serialnumber independent	1	Serialnumber independent	1

Reference Guide: 81110A/81105A (P/N 81110-91021), page 106

Chapter: Agilent 81110A/81105A Specifications

Width Accuracy

81111A: $\pm 0.5\%$ $\pm 250\text{ps}^{(*)}$ after selfcal, typical $\pm 3\%$ $\pm 250\text{ps}^{(*)}$ without selfcal

81105A: $\pm 5\%$ $\pm 250\text{ps}^{(*)}$

(*) Width accuracy specification is valid up to 5.5Vpp amplitude. Above 5.5Vpp, the width may increase typically up to +300ps .

Page 103, Power consumption: 170VA max.

Page 104, Specifications change to read:

Recalibration period
3 years recommended

Page 7, Output Modules for Agilent 81110A Mainframes add:

The 81111A output modules are fitted with single ended outputs. Therefore the connectors for the complementary outputs have no functionality. Complementary outputs are only available when 81112A output modules are installed.

(The 81110A always is fitted with connectors for the normal and the complementary outputs, regardless of the configuration. It has been designed this way to allow the easy retrofit of the output channels.)

Page 106, Glitch-free timing changes change to read:

This applies to continuous mode with timing values $< 100\text{ ms}$ (frequency: $> 10\text{ Hz}$), and consecutive values between one-half and twice the previous value.

Page 106, Width add:

The pulse width is specified at fastest transitions.

Page 107, Delay add:

Delay and Double Pulse Delay are specified at fastest leading edges.

INDEX OF MANUAL CHANGE

MANUAL CHANGE	FRAME
ERRATA	
1	See attached Declaration of Conformity

MANUAL CHANGE 1

On page 102, Specifications change to read:
See attached Declaration of conformity

DECLARATION OF CONFORMITY

According to ISO/IEC Guide 22 and CEN/CENELEC EN 45014



Manufacturer's Name: Agilent Technologies Deutschland GmbH
Manufacturer's Address: Boeblingen Verifications Solutions (BVS)
Herrenberger Str. 130
D-71034 Boeblingen

Declares, that the product

Product Name:	Family of Pulse-/Data Generators
System Number:	81100
Product Modules:	81101A 50 MHz Pulse/Pattern Generator
	81104A 80 MHz Pulse/Pattern Generator
	81110A 330/165 MHz Pulse/Pattern Generator
	81111A 165 MHz , 10 V Output Module
	81112A 330 MHz , 3.5 V Output Module
	81130A 400/660 MHz Pulse/Pattern Generator
	81131A 400 MHz , 3.5 V Output Module
	81132A 660 MHz , 2.5 V Output Module
	E8305A ^(a) VXI Plug-in 250 MHz Pulse Generator
	E8306A ^(a) VXI Plug-in 100 MHz Clock Generator
	E8311A ^(a) VXI Plug-in 165MHz Pulse/Pattern Generator
	E8312A ^(a) VXI Plug-in 330MHz Pulse/Pattern Generator

Conforms with the following European Directives:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC (including 93/68/EEC) and carries the CE Marking accordingly.

Conforms with the following product standards:

EMC (Technical Construction File) The product modules marked by ^(a) herewith comply with the requirements of the EMC Directive 89/336/EEC (including 93/68/EEC) and carry the CE Marking accordingly (European Union).
Against: EMC test specification EN 55011:1991 (Group 1, Class A)
As detailed in Electromagnetic Compatibility (EMC) Certificate of Compliance No. B801356L
Assessed by: CETECOM ICT Services GmbH, D-66117 Saarbruecken

Standard	Limit
EMC	
IEC 61326-1:1997+A1:1998 / EN 61326-1:1997+A1:1998	
CISPR 11:1997 / EN 55011:1998	Group 1 Class A (1)
IEC 61000-4-2:1995+A1:1998 / EN 61000-4-2:1995	4kV CD, 8kV AD
IEC 61000-4-3:1995 / EN 61000-4-3:1995	3 V/m, 80-1000 MHz
IEC 61000-4-4:1995 / EN 61000-4-4:1995	0.5kV signal lines, 1kV power lines
IEC 61000-4-5:1995 / EN 61000-4-5:1995	0.5 kV line-line, 1 kV line-ground
IEC 61000-4-6:1996 / EN 61000-4-6:1996	3V, 0.15-80 MHz
IEC 61000-4-11:1994 / EN 61000-4-11:1994	1 cycle/100%
Canada: ICES-001:1998	
Australia/New Zealand: AS/NZS 2064.1	

Safety IEC 61010-1:1990+A1:1992+A2:1995 / EN 61010-1:1993+A2:1995
Canada: CSA C22.2 No. 1010.1:1992

Supplemental Information:

⁽¹⁾ The products were tested in a typical configuration with Agilent Technologies test systems.

2001-May-02

Date


Hans-Martin Fischer
Name

Product Regulations Engineer

Title

For further information, please contact your local Agilent Technologies sales office, agent or distributor.
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