



Key Waveform

Test Waveform

File Name: C:\ChromWave\Data Directory\Demo\1000 mV Linearity.vp
 File Status: Active, File Version: 2, Index Adjustment: 1 and 0
 User: Administrator, Notebook Reference: (none specified), Instrument: (none specified)

ChromWave Version 3.1.0

KEY: Serial Number: 0903029300 Calibrated: Feb 22, 2005 Certification Number: 00081
 Notebook Reference: ADIVP/CAL/005, p. 52 Waveform Number: 1 (1000 points)
 Voltage Range: 0 to 1000 mV, Rate: 5.0 Hz, Resolution: 0.0570 mV
 Theoretical Run Time based on KEY points and frequency: 3.3333 minutes.

TEST: File Name: C:\ChromWave\Data Directory\Demo\1000 mV Linearity.vp (3217 points)
 File Status: Active, File Version: 2, Index Adjustment: 1 and 0
 User: Administrator, Notebook Reference: (none specified), Instrument: (none specified)

Peak Number	KEY Height(mV)	TEST Height(mV)	TEST MAX Height(mV)	Residual Height(mV)
1	971.7112	975.3839	984.5400	3.6727
2	485.2661	487.0456	496.2055	1.7795
3	242.9320	243.8410	253.0064	0.9090
4	121.1593	121.6219	130.7996	0.4625
5	60.3429	60.5635	69.7570	0.2205
6	29.8825	30.0163	39.2146	0.1338
7	14.9448	14.9809	24.1846	0.0361
8	7.4717	7.4859	16.6966	0.0142

First order linear least squares fit of TEST peak heights (dependent) against KEY peak heights (independent).

Linear least squares results ($y = ax + b$)

a = 1.0038, b = -0.0073, r = 1.0000

HISTORY INFORMATION

File Version: 2

File Status: Active

File Name: C:\ChromWave\Data Directory\Demo\1000 mV Linearity.vp

Created: Feb 13, 2006 03:21:05 PM by Administrator (User ID = 1)

Last Saved: Feb 13, 2006 03:47:58 PM by Administrator (User ID = 1)