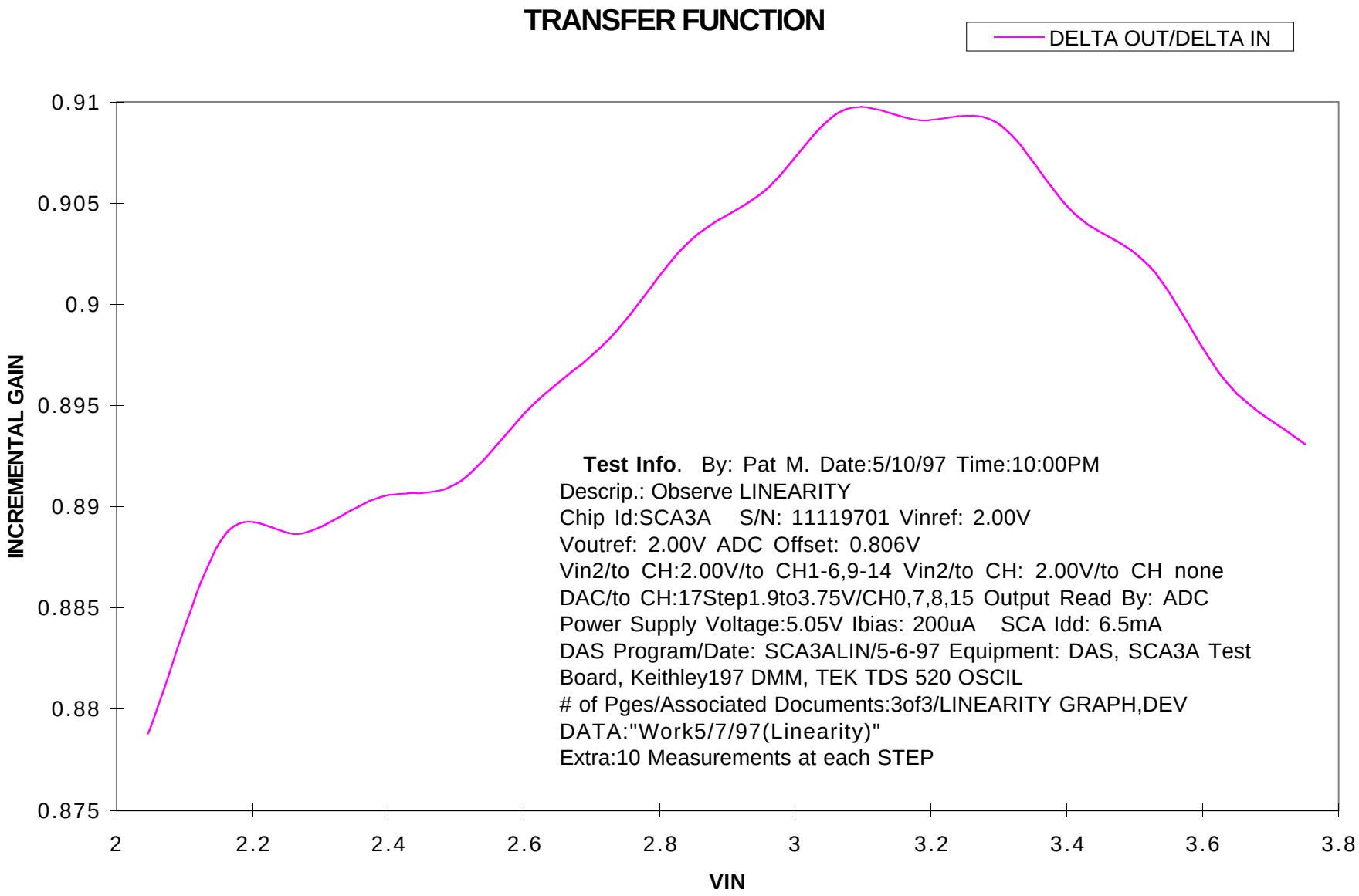
TRANSFER FUNCTION
DELTA OUT/DELTA IN
INCREMENTAL GAIN
0.91
0.905
0.9
0.895
0.89
0.885
0.88
0.875
2
2.2
2.4
2.6
2.8
3
3.2
3.4
3.6
3.8
VIN
Test Info. By: Pat M. Date:5/10/97 Time:10:00PM
Descrip.: Observe LINEARITY
Chip Id:SCA3A S/N: 11119701 Vinref: 2.00V
Voutref: 2.00V ADC Offset: 0.806V
Vin2/to CH:2.00V/to CH1-6,9-14 Vin2/to CH: 2.00V/to CH none
DAC/to CH:17Step1.9to3.75V/CH0,7,8,15 Output Read By: ADC
Power Supply Voltage:5.05V Ibias: 200uA SCA Idd: 6.5mA
DAS Program/Date: SCA3ALIN/5-6-97 Equipment: DAS, SCA3A Test
Board, Keithley197 DMM, TEK TDS 520 OSCIL
# of Pges/Associated Documents:3of3/LINEARITY GRAPH,DEV
DATA:"Work5/7/97(Linearity)"
Extra:10 Measurements at each STEP