

RH1280 Lifetest Delta Data

From Memo:

Date: May 1, 1996

To: Dinu Patel

From: Jim Johnson

CC: Marc King

From the qualification
summary and approval for the
Actel RH1280

Prepared by:

Ingrid Brill

Co-Op

Orbital Sciences Corporation

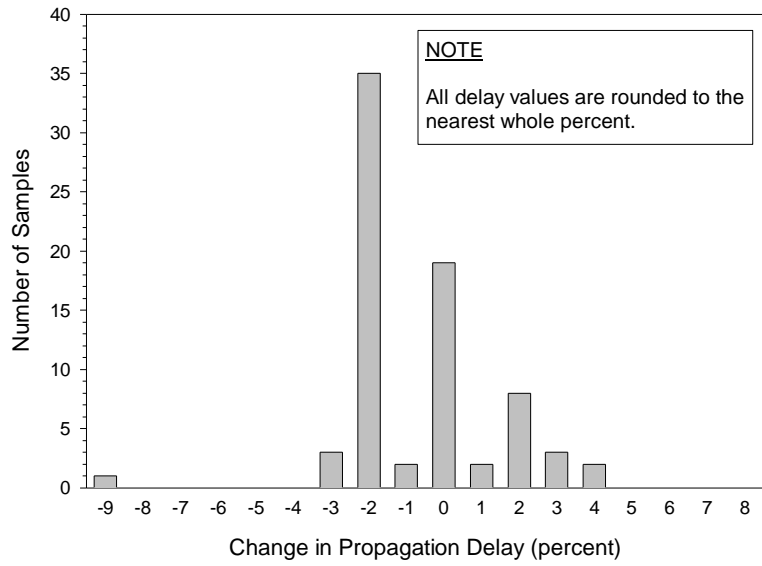
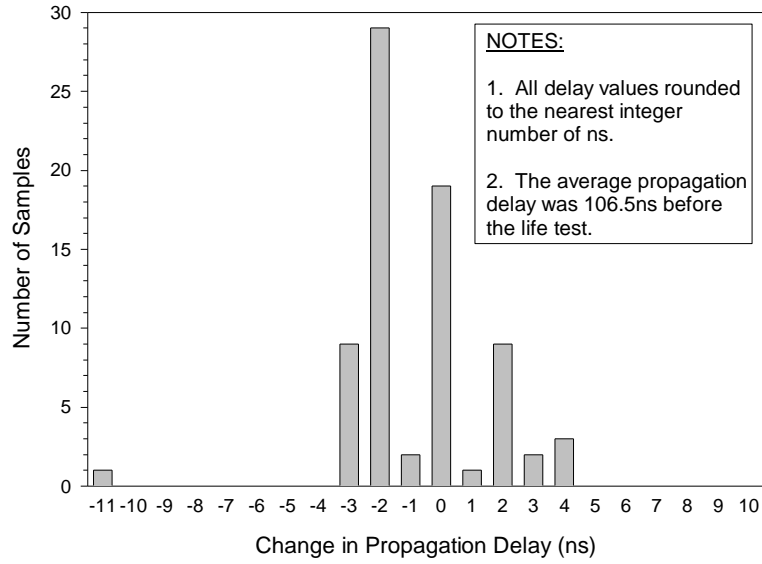
6/14/00

Binning Delay Delta Data Summary (ns)

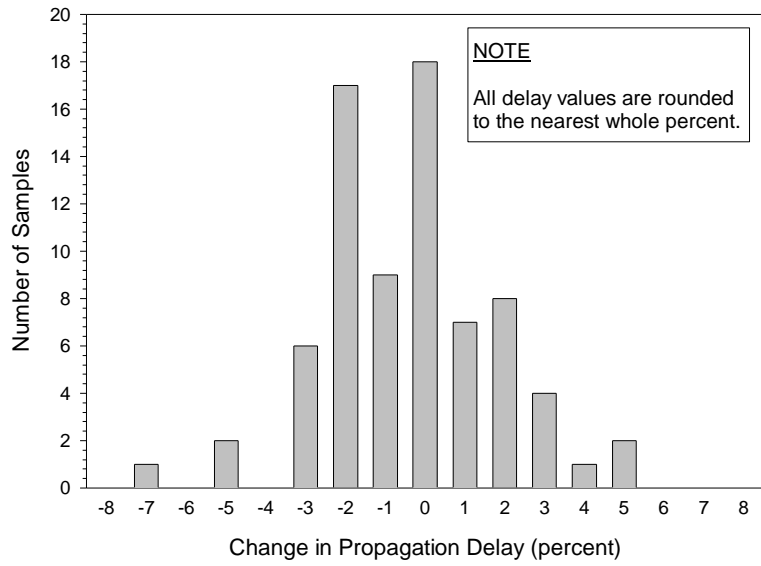
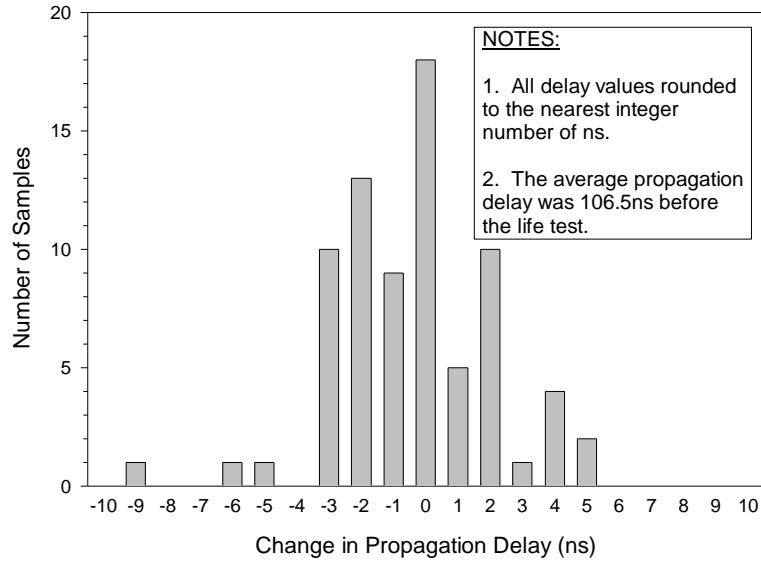
Conditions: Vdd = 4.5V, Temp = 125C

Mod No.	T0	168 hrs T1	T1-T0	500 hrs T2	T2-T0	1000 hrs T3	T3-T0	Spec
Avg	106.5	105.5	-1.0	106.1	-0.5	104.0	-2.7	10.0
Max	120.1	113.7	4.2	113.6	5.3	119.7	7.3	10.0
Min	93.4	96.3	-10.7	96.1	-9.0	93.4	-9.9	10.0
Stddev	4.9	3.7	2.2	3.9	2.4	4.6	2.9	

RH1280 Change in Propagation Delay
 After 168 Hours of a 1000 Hour Life Test
 Tested at 4.5 Volts, 125C



RH 1280 Change in Propagation Delay
 After 500 Hours of a 1000 Hour Life Test
 Tested at 4.5 Volts, 125C



RH1280 Change in Propagation Delay
 After 1000 Hour Life Test
 Tested at 4.5 Volts, 125C

