

UCSC Test Data 1

Full depletion voltage				
Sensor #	Vfd, [V]			
1800	132.4			
1801	135.5			
1802	135.0			
1803	132.6			
Spec	<300 V			
Vfd+10%V	148.5			
Leakage current near full depletion				
Active L[cm]	Active width[cm]		Active Area [cm^2]	
9.833	3.8372		37.7311876	
Sensor #	I_leak @ Vfd+10%V [A]		[nA]	I[nA]/cm^2
1800	7.54E-08		75.35	1.997046867
1801	1.78E-07		178.12	4.720763149
1802	1.55E-07		154.75	4.101414767
1803	6.00E-08		60.01	1.590381958
Spec				<100
Leakage current at 350 V				
Sensor #	I_leak @ 350 V [A]		[uA]	
1800	8.94E-08		0.089	
1801	2.03E-07		0.203	
1802	1.78E-07		0.178	
1803	7.08E-08		0.071	
Spec			<16	