

Detector Profile W1-250

Wafer No.: **2069-21**

Thickness: **255** μm

Depletion: **15** Volts

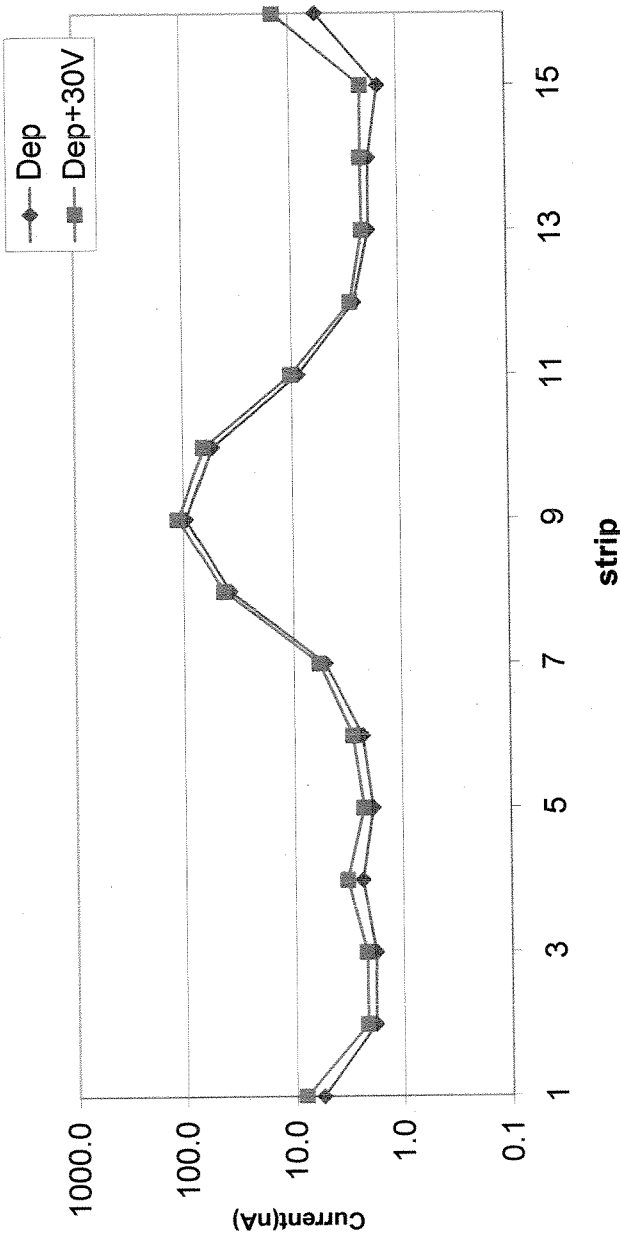
Back Side Data

Front Side Data

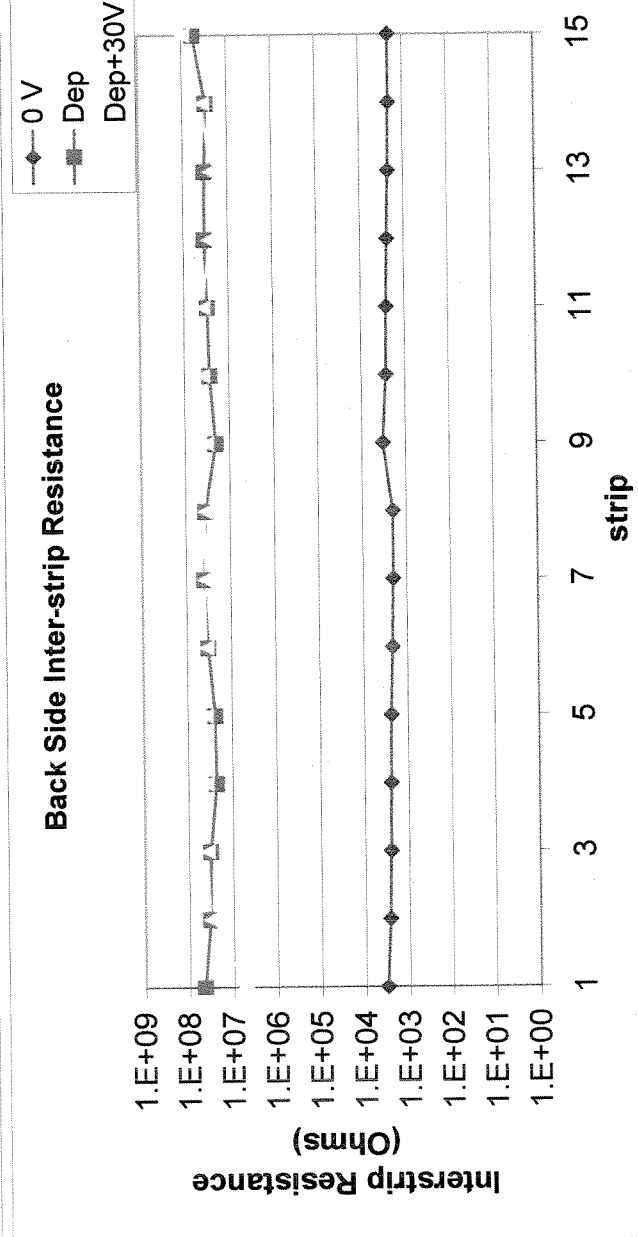
Strip	Current (nA)	
	Dep	Dep+30V
1	5.58	8.06
2	1.82	2.16
3	1.79	2.18
4	2.36	3.26
5	1.87	2.27
6	2.32	2.85
7	5.05	5.75
8	37.60	42.71
9	93.84	110.37
10	53.97	64.07
11	8.68	10.19
12	2.59	2.81
13	1.88	2.16
14	1.85	2.21
15	1.51	2.17
16	5.63	13.97
Total	228.33	277.17

Strip	Back Resistance (Ω)	
	0V	Dep
1	3.2E+03	4.5E+07
2	2.7E+03	3.3E+07
3	2.6E+03	3.2E+07
4	2.5E+03	2.3E+07
5	2.4E+03	2.4E+07
6	2.2E+03	3.3E+07
7	2.0E+03	4.0E+07
8	2.0E+03	3.6E+07
9	3.3E+03	2.1E+07
10	2.7E+03	2.7E+07
11	2.6E+03	3.0E+07
12	2.4E+03	3.4E+07
13	2.2E+03	3.3E+07
14	2.1E+03	3.0E+07
15	2.1E+03	5.5E+07

Front Side Strip Leakage Current



Back Side Inter-strip Resistance



Resolution Plot

Design W1 (DS)

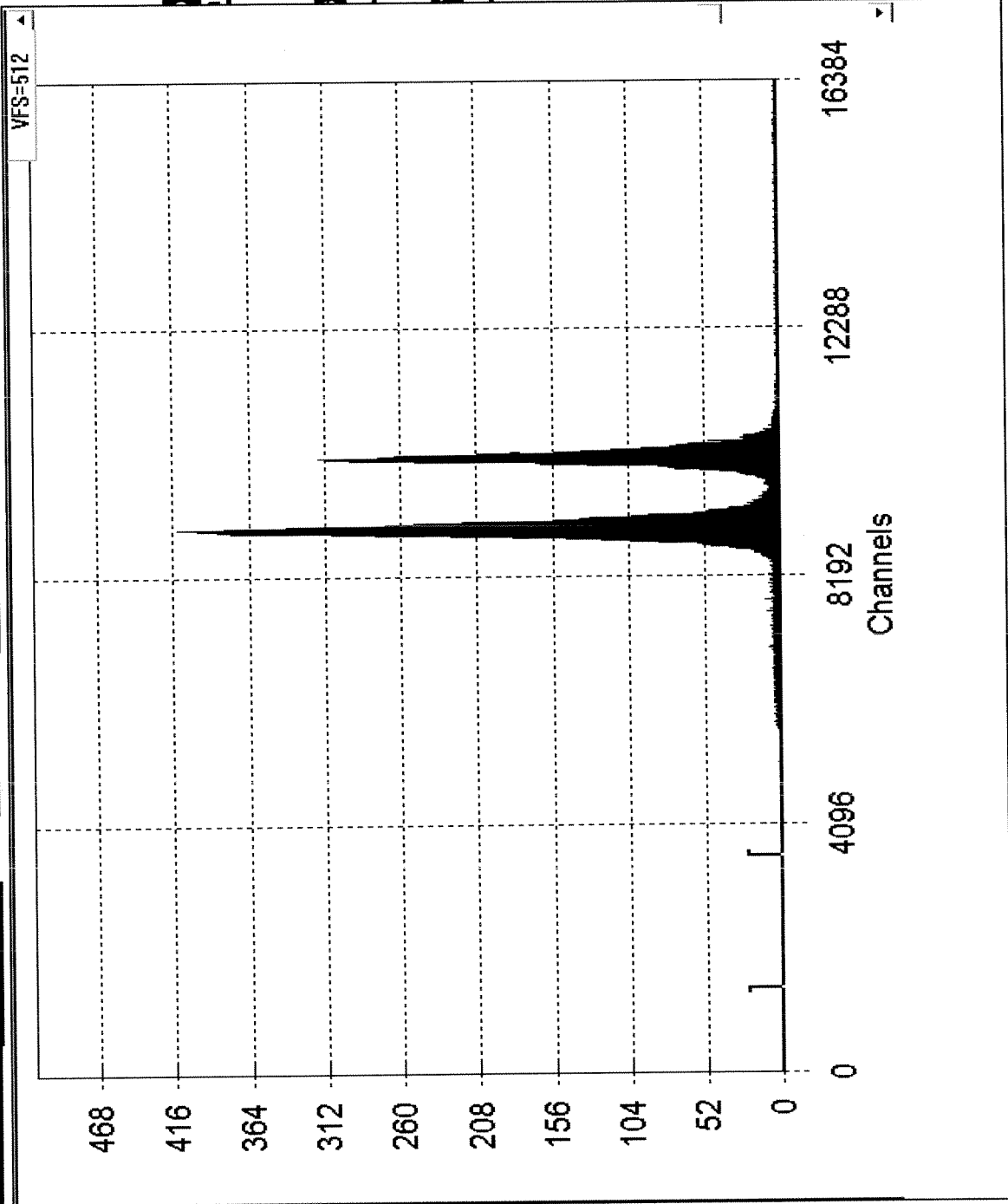
Wafer No.: **2069-21B** Thickness: **255** μm

JUNCTION

ET LINE: **140** KeV
SYSTEM: **105** KeV
AL: **93** KeV

HMIC

ET LINE: **147** KeV
SYSTEM: **108** KeV
ALC: **100** KeV



Source: **241**

Exposure Time: **1**

Start Top: **0**

BIAS VOLTS = **50** V Leakage **513** nA