

Front Side Data

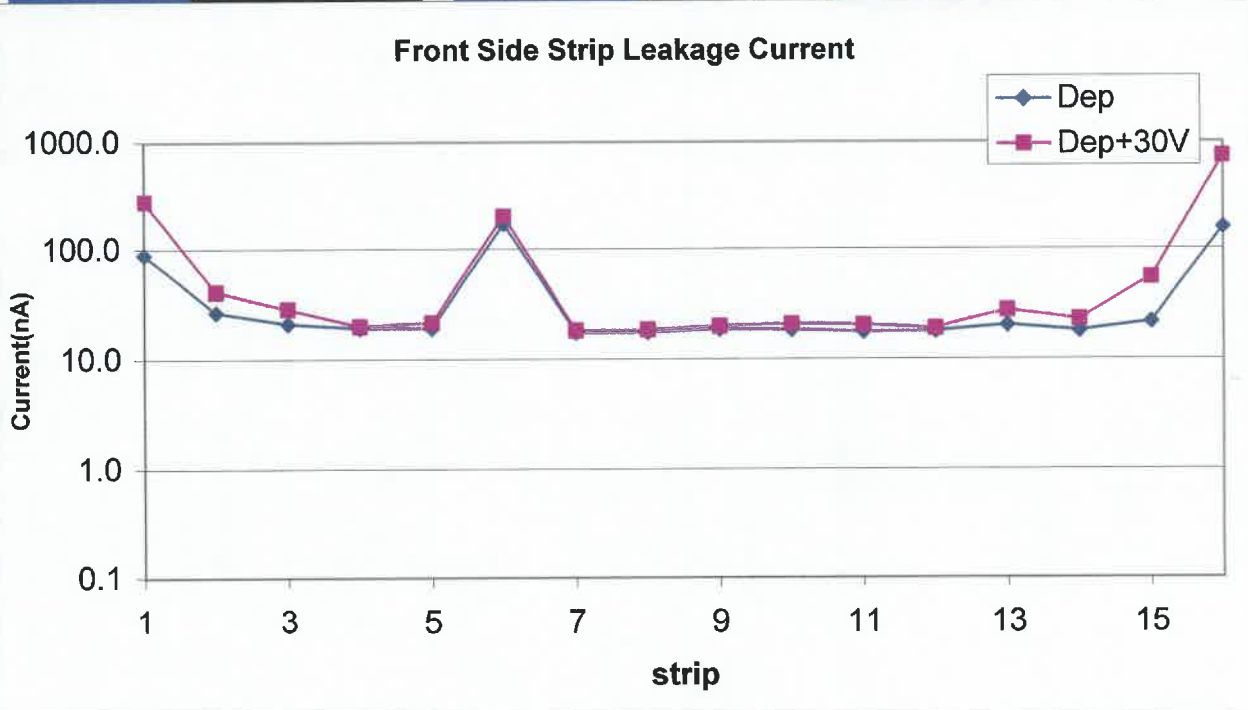
Wafer No.: **2495-18**

Thickness: **524** um

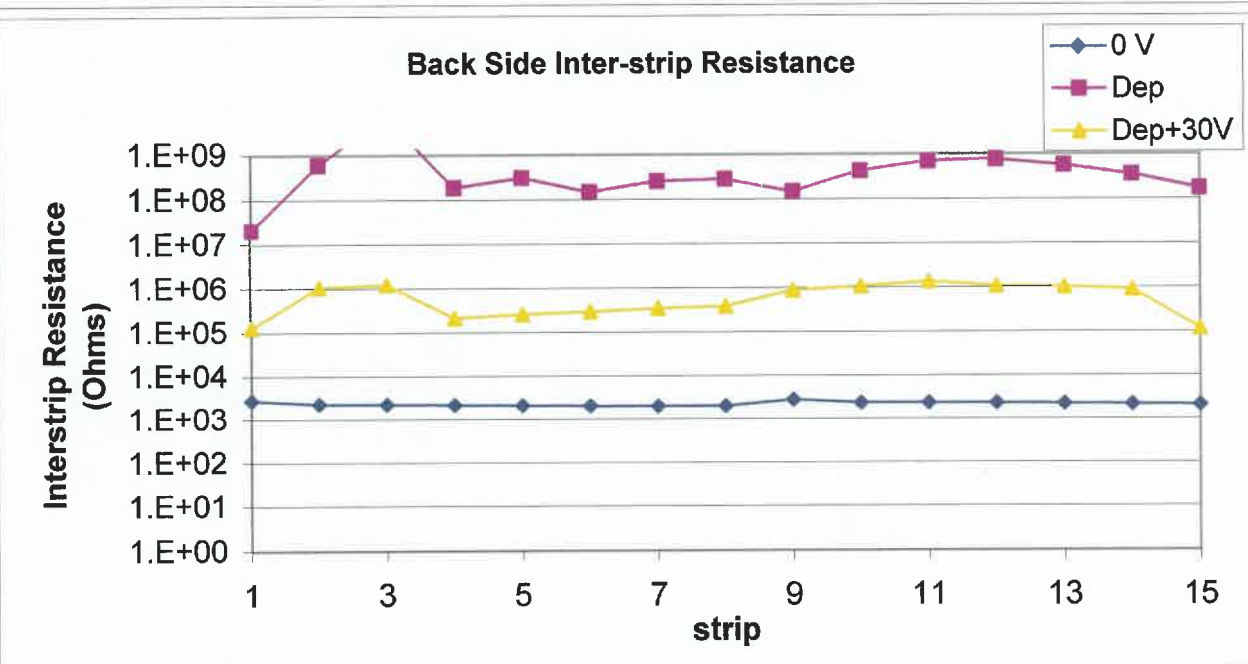
Depletion: **40** Volts

Back Side Data

Strip	Current(nA)	
	DEP	Dep+30V
1	88.90	279.90
2	26.50	40.50
3	20.90	28.50
4	19.10	19.70
5	19.10	21.30
6	170.30	203.20
7	17.40	18.10
8	17.50	18.40
9	18.60	19.70
10	18.40	20.60
11	17.60	20.10
12	17.90	18.80
13	20.20	27.50
14	18.00	22.80
15	21.60	54.30
16	158.10	738.20
total	670.10	1551.60



Strip	Back Resistance (Ω)		
	0V	DEP	Dep+30V
1	2.8E+03	2.1E+07	1.3E+05
2	2.3E+03	6.1E+08	1.1E+06
3	2.3E+03	7.1E+09	1.3E+06
4	2.2E+03	1.9E+08	2.2E+05
5	2.1E+03	3.1E+08	2.6E+05
6	2.1E+03	1.5E+08	3.0E+05
7	2.0E+03	2.6E+08	3.6E+05
8	2.0E+03	2.8E+08	4.0E+05
9	2.8E+03	1.5E+08	8.9E+05
10	2.4E+03	4.3E+08	1.1E+06
11	2.4E+03	6.9E+08	1.4E+06
12	2.4E+03	7.6E+08	1.1E+06
13	2.3E+03	5.6E+08	1.1E+06
14	2.2E+03	3.5E+08	9.3E+05
15	2.2E+03	1.7E+08	1.2E+05



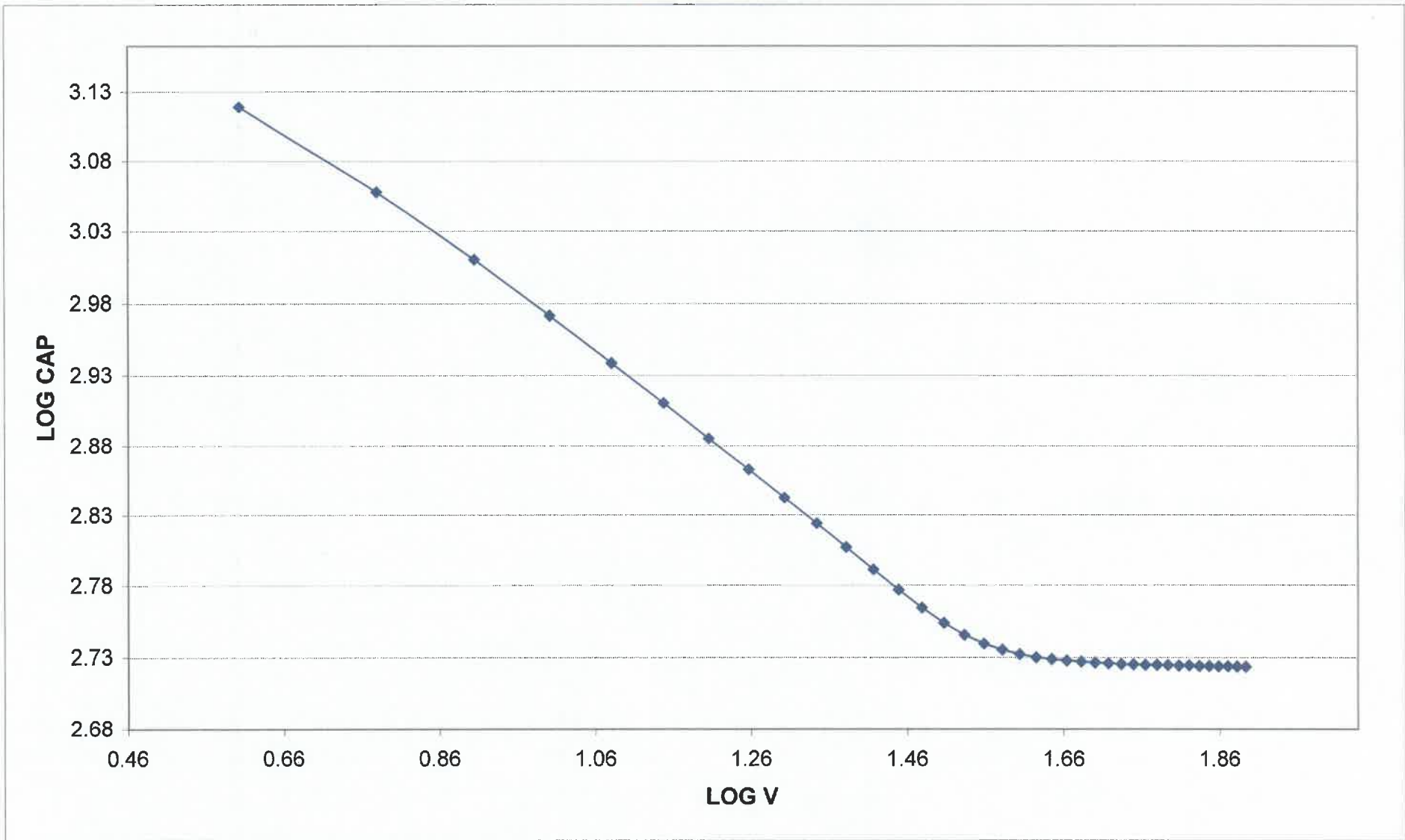
depletion Plot

W1-500

Wafer No.: **2495-18**

Thickness: **524** μm

Depletion: **40** Volts



Resolution Plot

W1-500_TYPE-9G

Wafer No.: **2495-18**

Thickness: **524** um

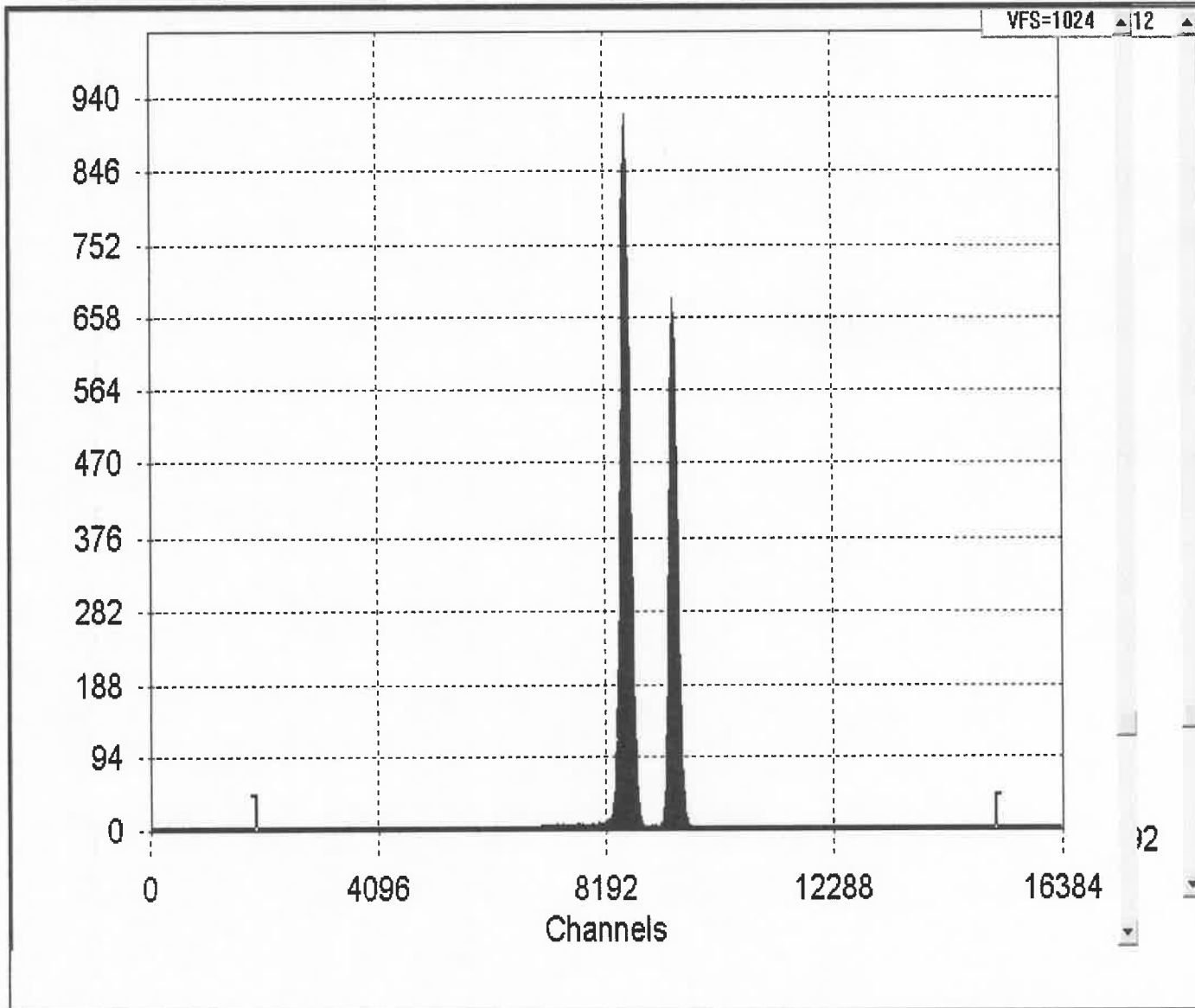
VFS=1024 ▲12 ▲

JUNCTION

DET LINE: **118** KeV
SYSTEM: **101** KeV
CAL: **61** KeV

OHMIC

DET LINE: **131** KeV
SYSTEM: **102** KeV
CALC: **82.2** KeV



Source
Am 241

Rise Time
1

Flat Top
0

BIAS VOLTS= **75** V

Leakage **557** nA