

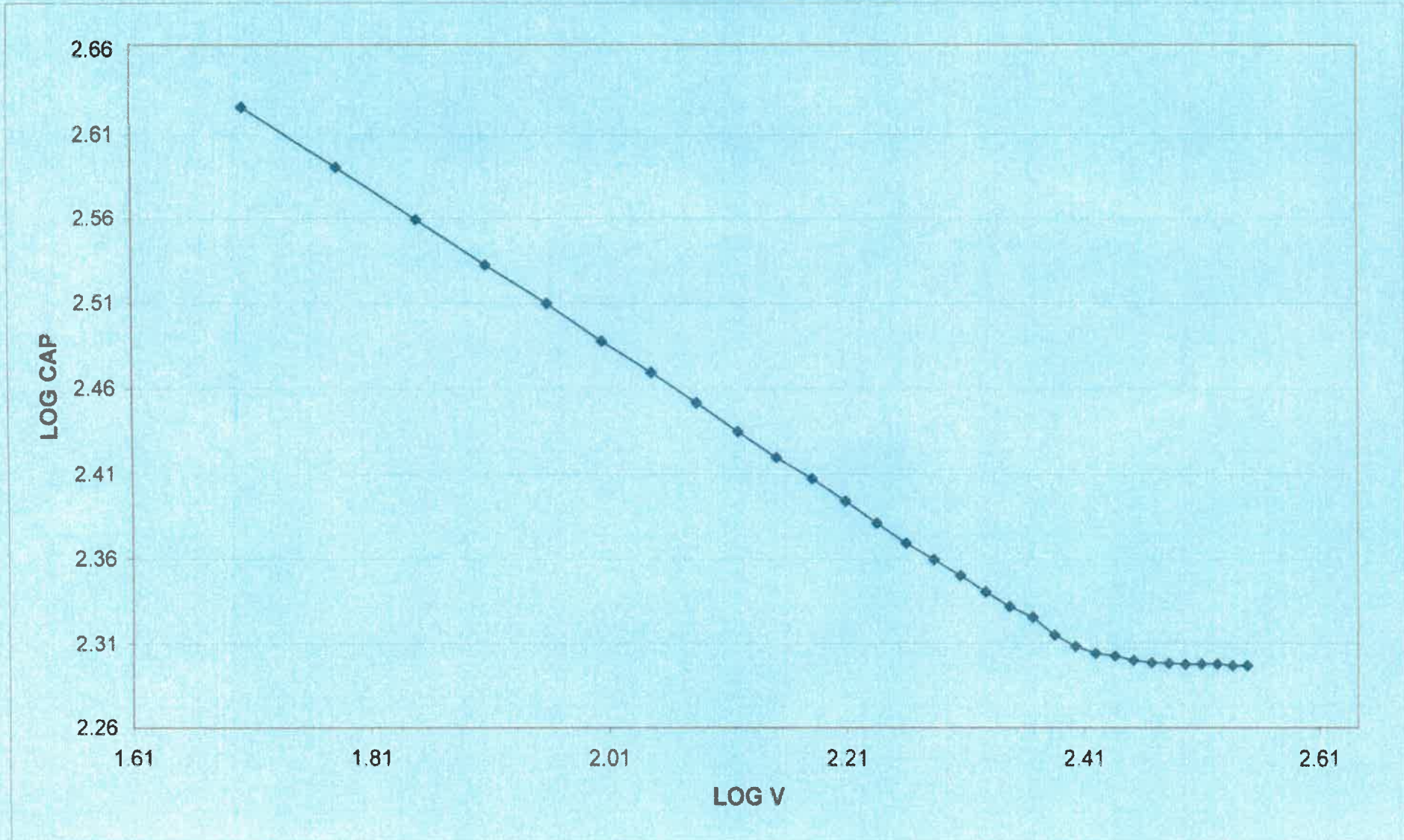
# Depletion Plot

MSX25-1500

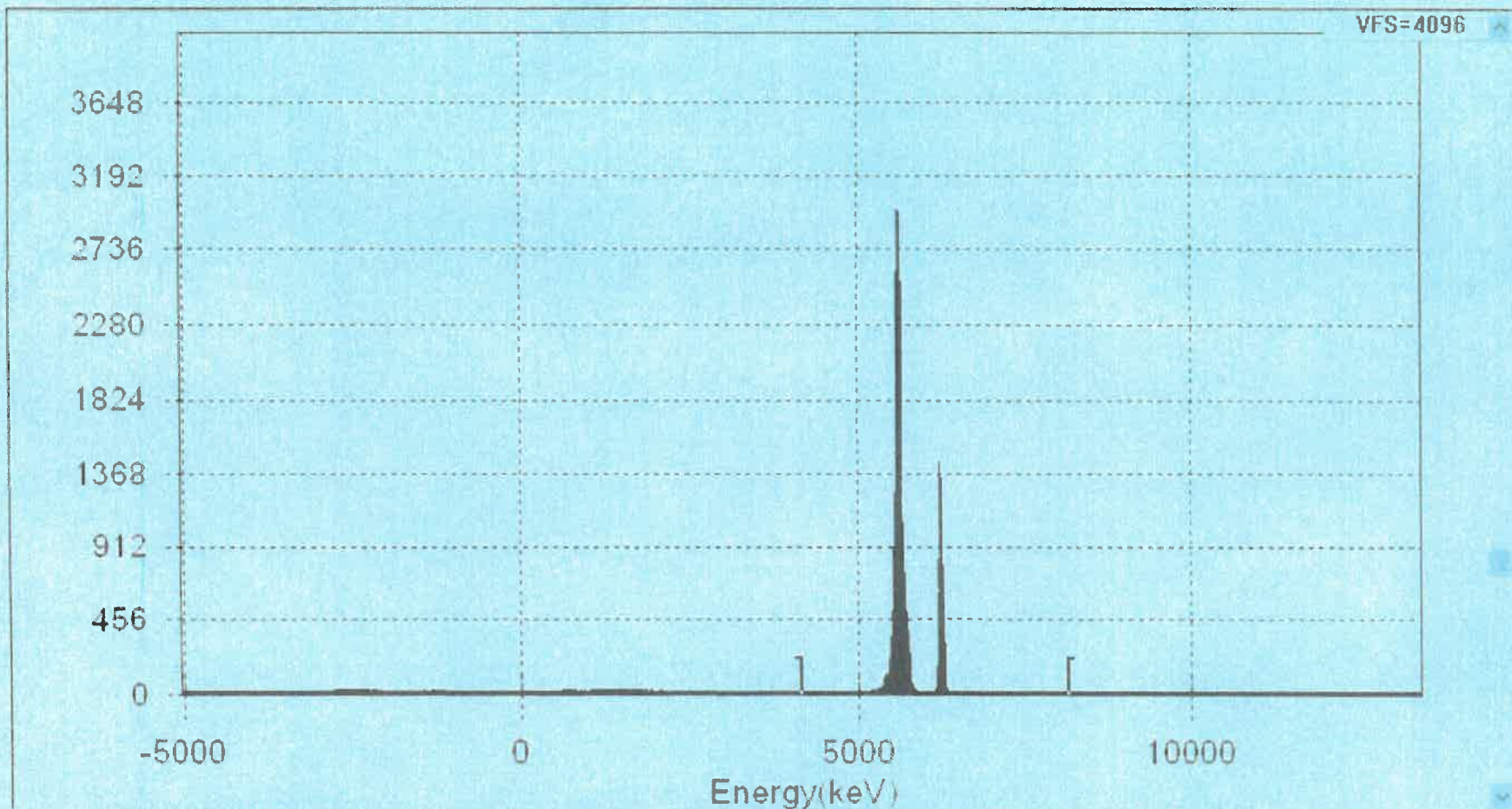
Wafer No.: 3289-4

Thickness: 1497  $\mu\text{m}$

Depletion: 260 Volts



VFS=4096



MSL: 3289-4 MSX25-1500 VBIAS-350 VOLTS IR- 455 nA TEMP-22.1DC T-1497 MICRONS DATE:8TH AUGUST 2017  
DETECTOR LINE (NN+) - 62.5 Kev DETECTOR LINE (P+N) - 46.4 Kev  
SYSTEM- 23.0 Kev SYSTEM- 26.9 Kev  
CALCULATED- 58.1 Kev CALCULATED- 37.8 Kev

**CUSTOMER: AARHUS UNIVERSITY**

**PURCHASE ORDER NUMBER: E-MAIL 05-05-17**

**DATE: 01/08/2017**

**MEASUREMENT DATA IN AIR:**

Measurement data taken in air temperature of 19.2C

Measurement data taken in RH of 51%

**DEVICE TYPE: MSX25-1500**

<b>DEVICE NUMBER</b>	<b>THICKNESS (um)</b>	<b>DEPLETION VOLTAGE (V)</b>	<b>IR @ DEP. (nA)</b>	<b>IR @ DEP.+30V (nA)</b>	<b>VB @ 10uA (V)</b>	<b>VF @ 10mA (V)</b>
3289-4	1497	260	366	375	>350	0.49
3289-5	1490	260	225	230	>350	0.52