

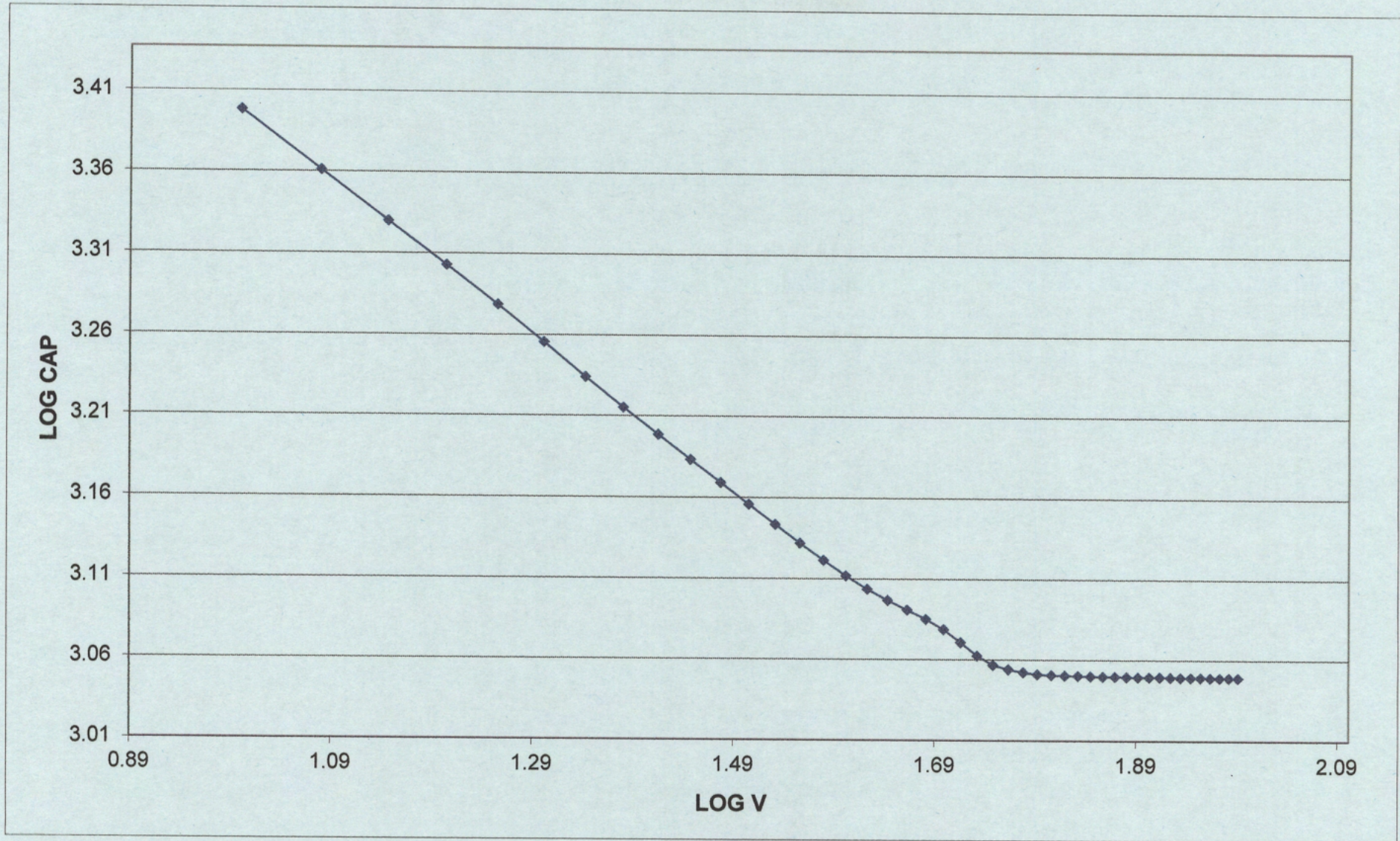
depletion Plot

S5-300

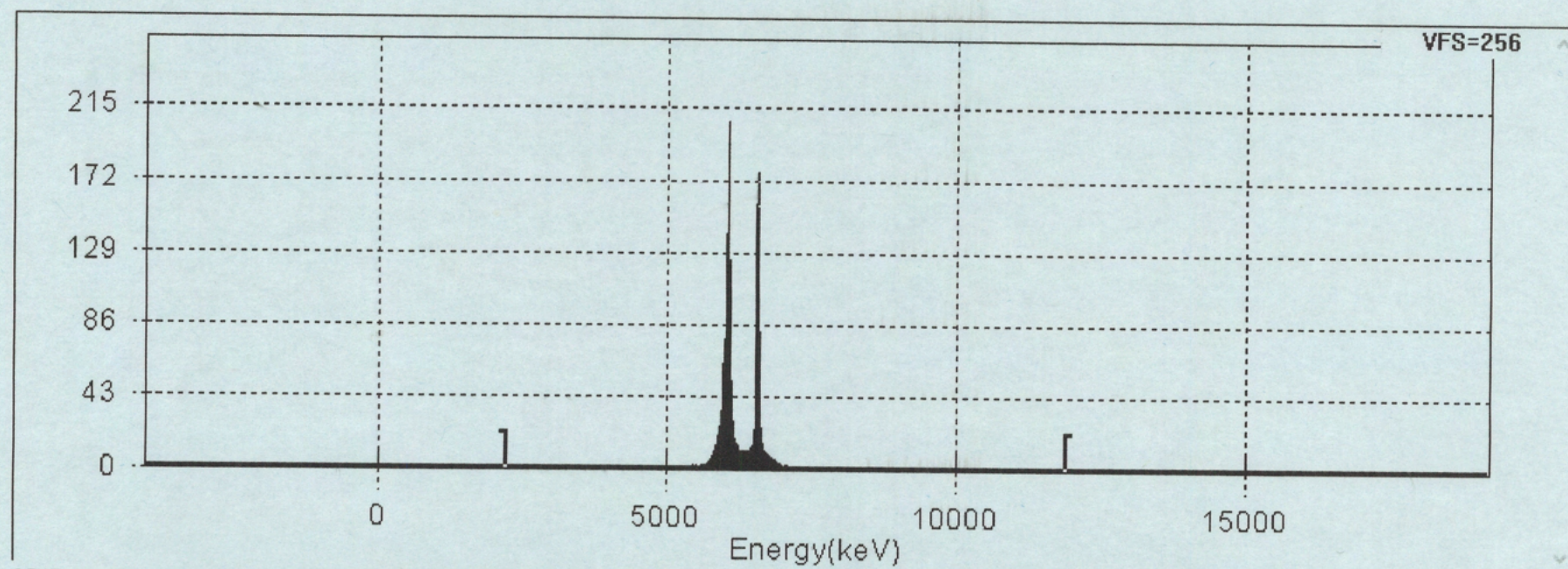
Wafer No.: 3547-14

Thickness: 290 um

Depletion: 62 Volts



VFS=256 ^

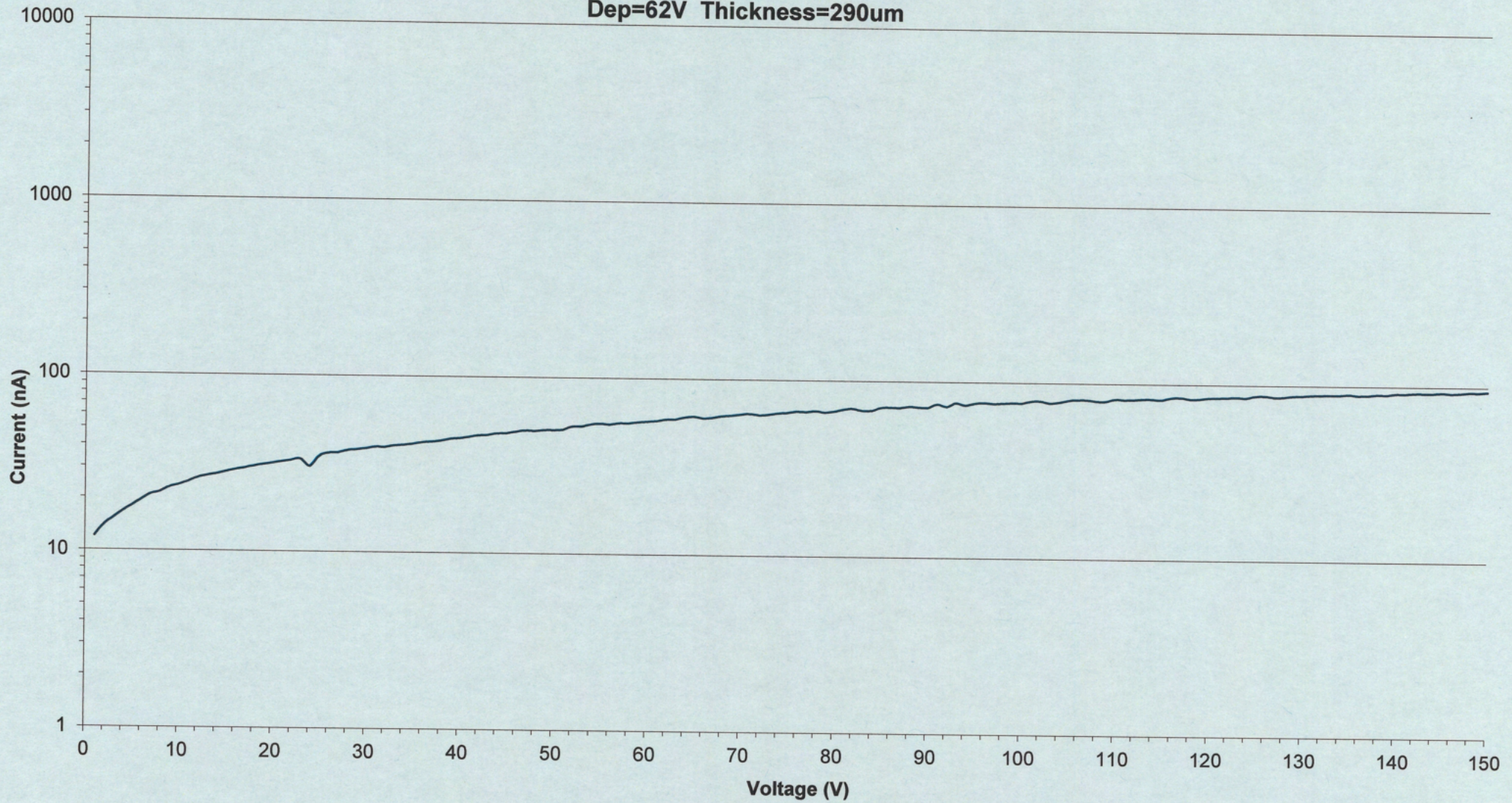


3547-14 DESIGN S5-300 PAVIA VBIAS- 80 VOLTS IR- 70 nA TEMP-22.1DC T= 290 MICRONS DATE:11/10/2022
LEAKAGE TOTAL FOR ALL STRIPS BIASED

DETECTOR LINE - 32.0 Kev (NN+)	DETECTOR LINE- 33.9 Kev
SYSTEM- 24.0 Kev	SYSTEM- 23.5 Kev
CALCULATED- 21.2 Kev	CALCULATED- 24.4 Kev

RESOLUTION OF OHMIC JUNCTION STRIP 4 A-GRADE

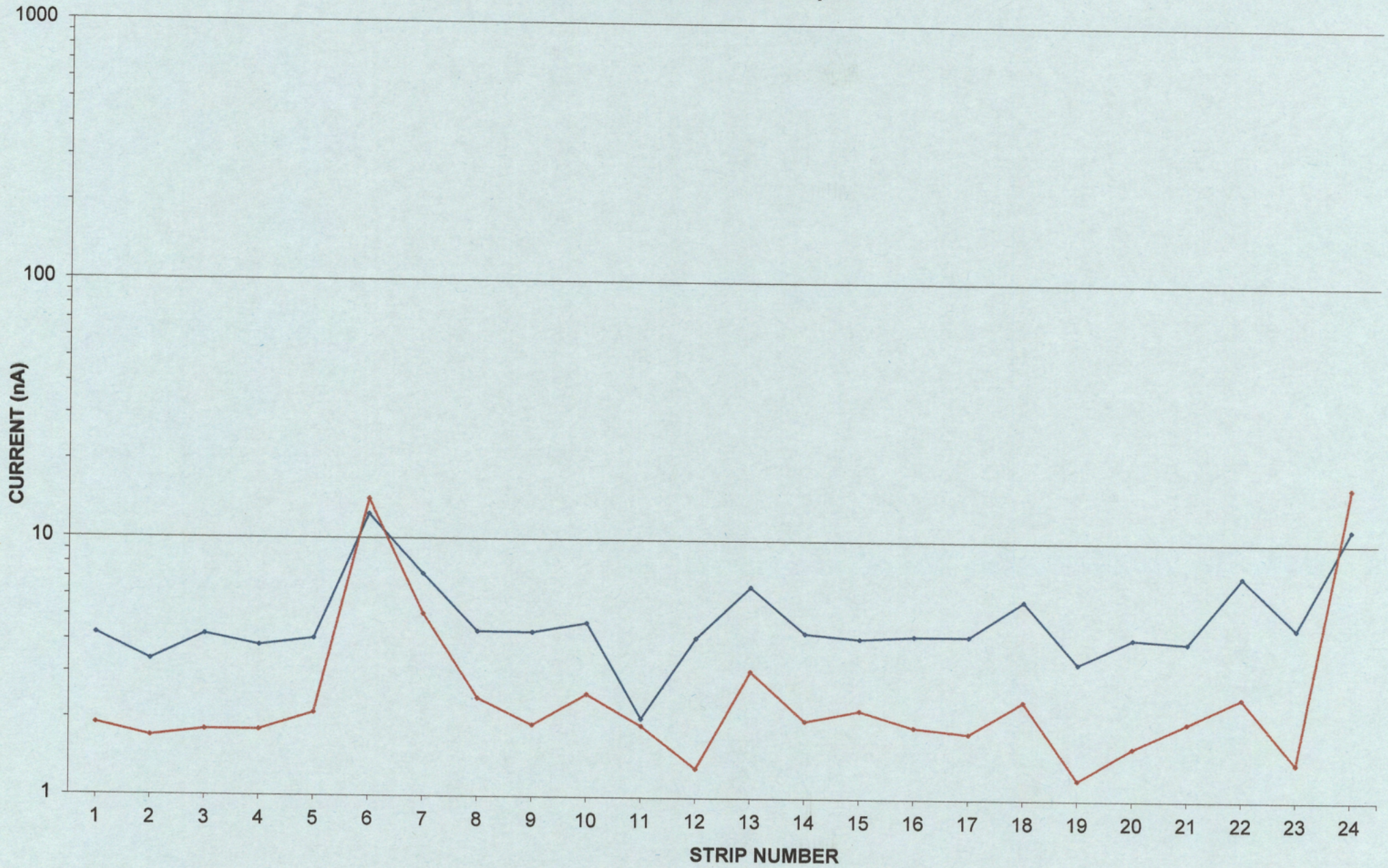
S5-300 D/S
3547-14 TOTAL DETECTOR IV
Dep=62V Thickness=290um



— All sectors combined

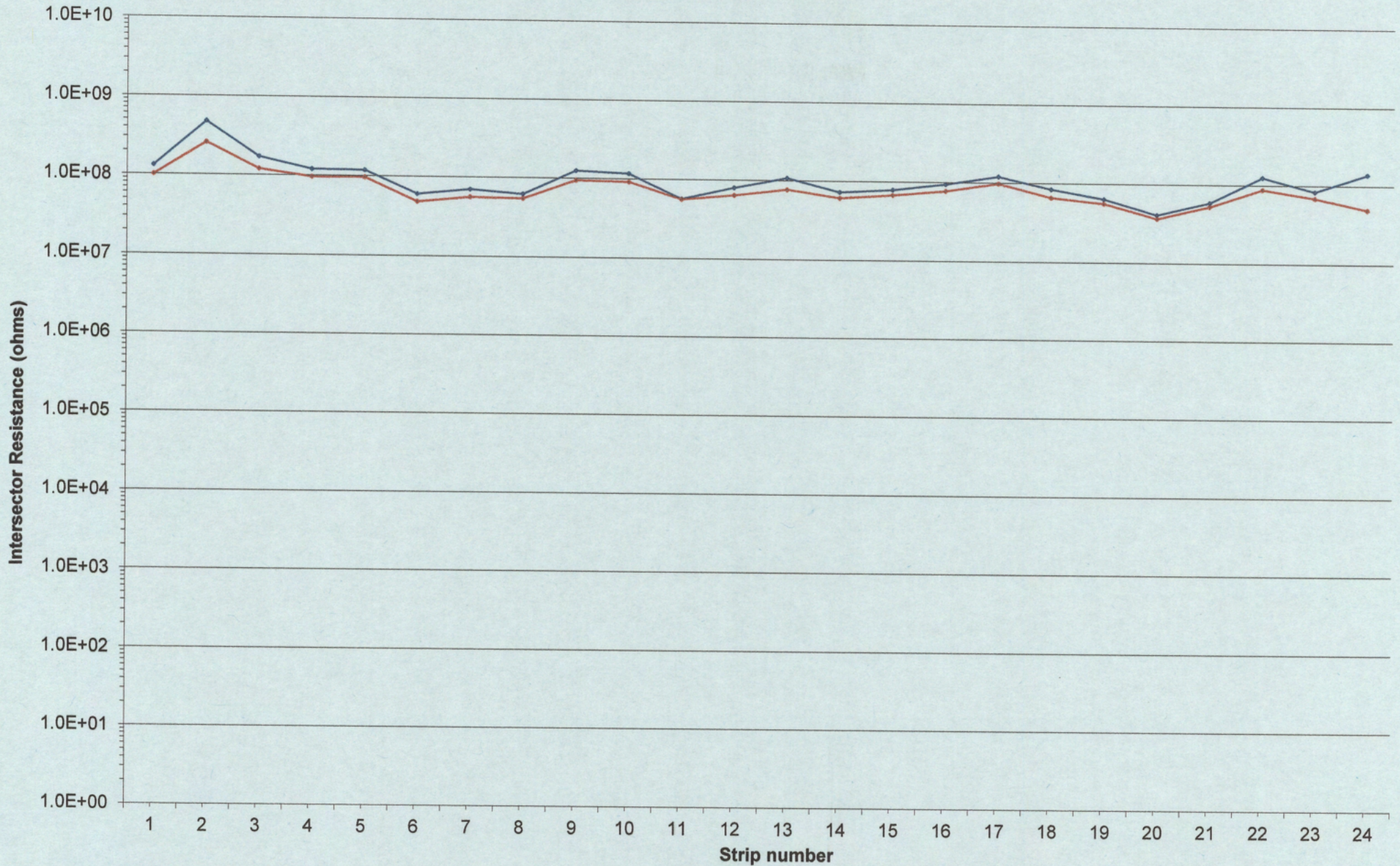
8 August 2022

S5_300 D/S
3547-14 Junction side Dep=62V



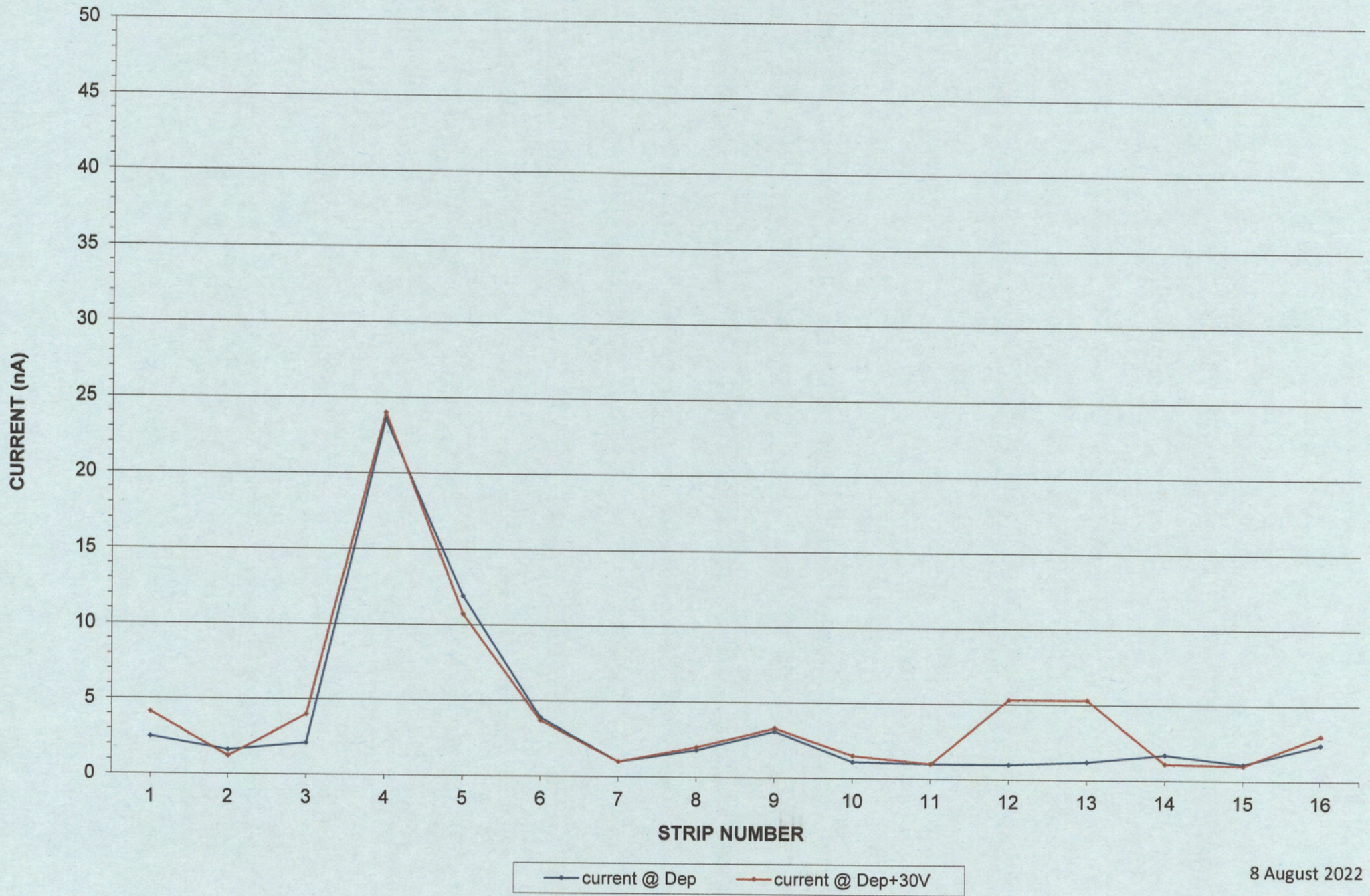
—●— current @ Dep —●— current @ Dep+30V

S5_300 D/S
3547-14 Junction side Dep=62V



Inter @ Dep Inter @ Dep+30V

S5_300 D/S
3547-14 Ohmic side Dep=62V



S5_300 D/S
3547-14 Ohmic side Dep=62V

