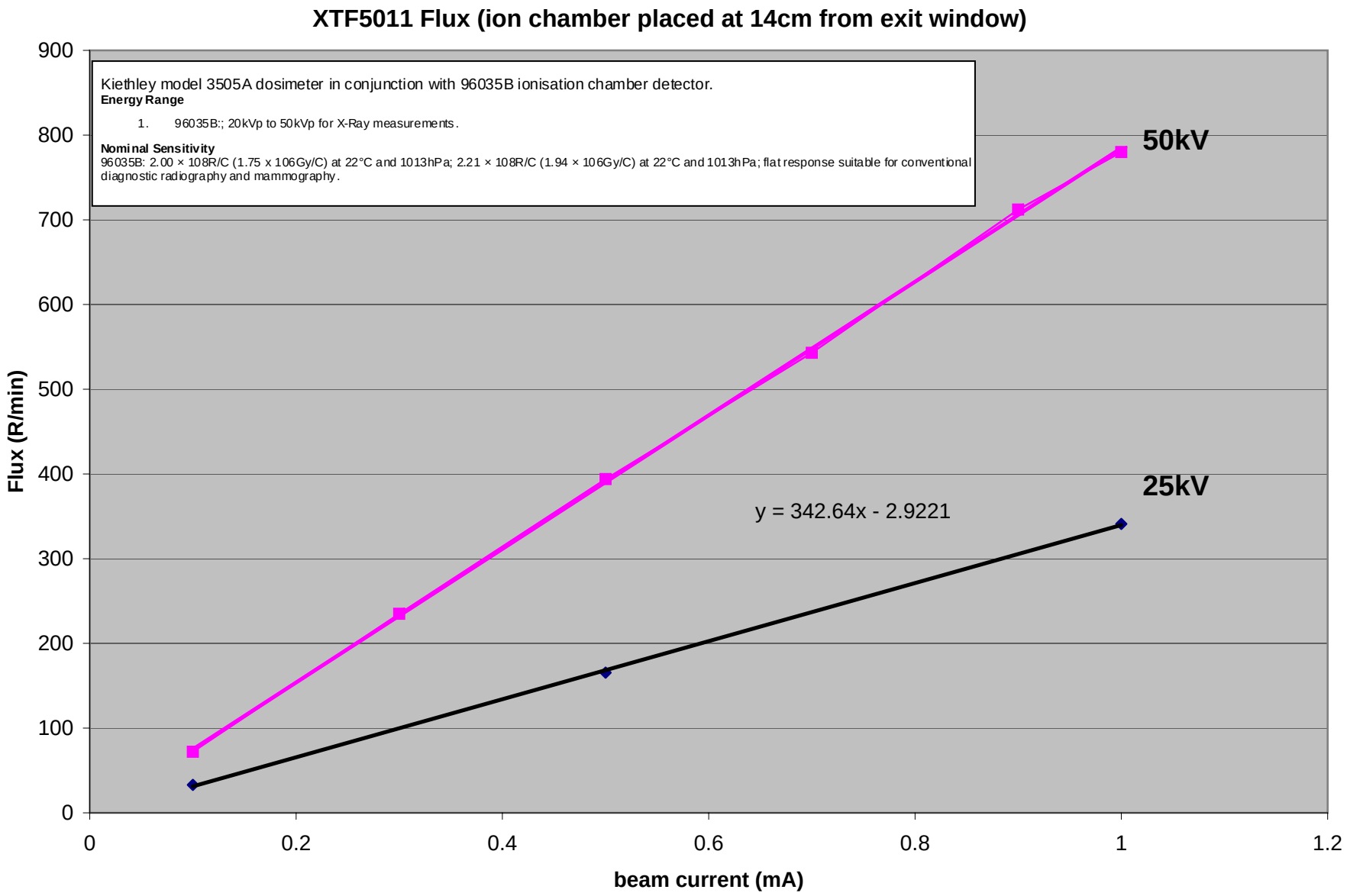
XTF5011 Flux (ion chamber placed at 14cm from exit window)
Kiethley model 3505A dosimeter in conjunction with 96035B ionisation chamber detector.
Energy Range
1. 96035B:; 20kVp to 50kVp for X-Ray measurements.
Nominal Sensitivity
96035B: 2.00 × 108R/C (1.75 x 106Gy/C) at 22°C and 1013hPa; 2.21 × 108R/C (1.94 × 106Gy/C) at 22°C and 1013hPa; flat response suitable for conventional diagnostic radiography and mammography.
50kV
25kV
y = 342.64x - 2.9221
Flux (R/min)
beam current (mA)
0
100
200
300
400
500
600
700
800
900
0
0.2
0.4
0.6
0.8
1
1.2