

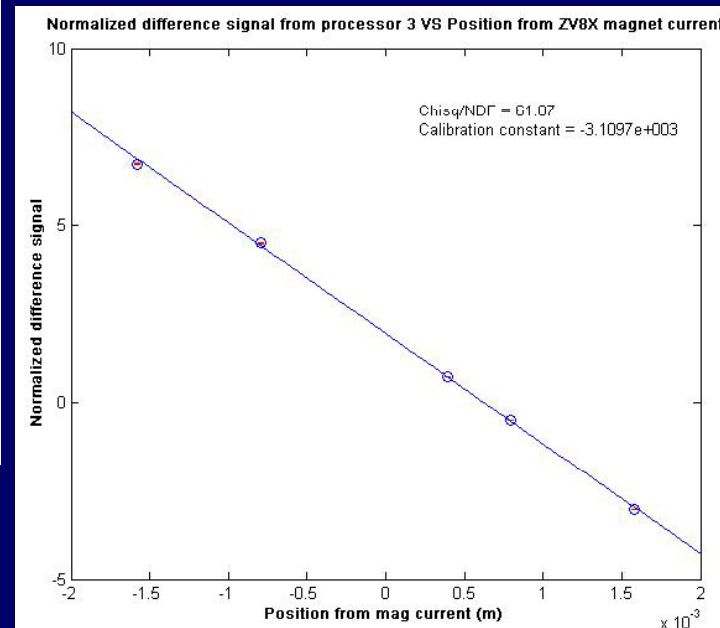
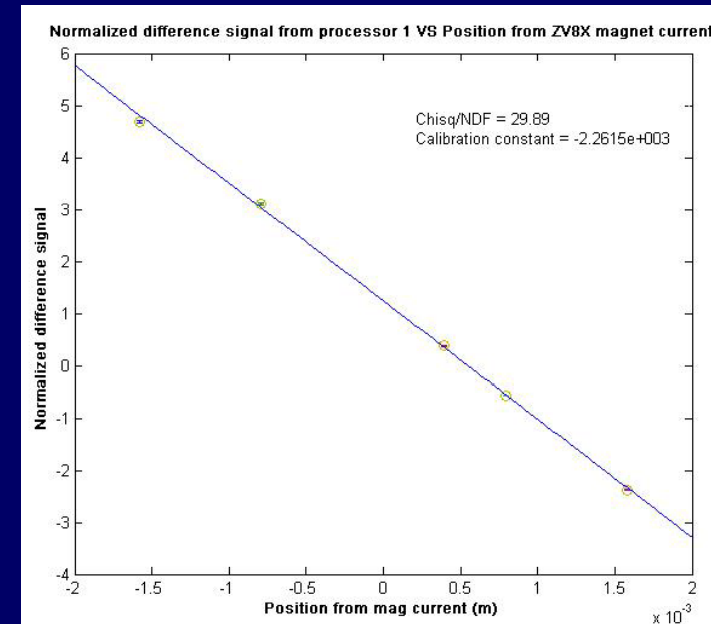
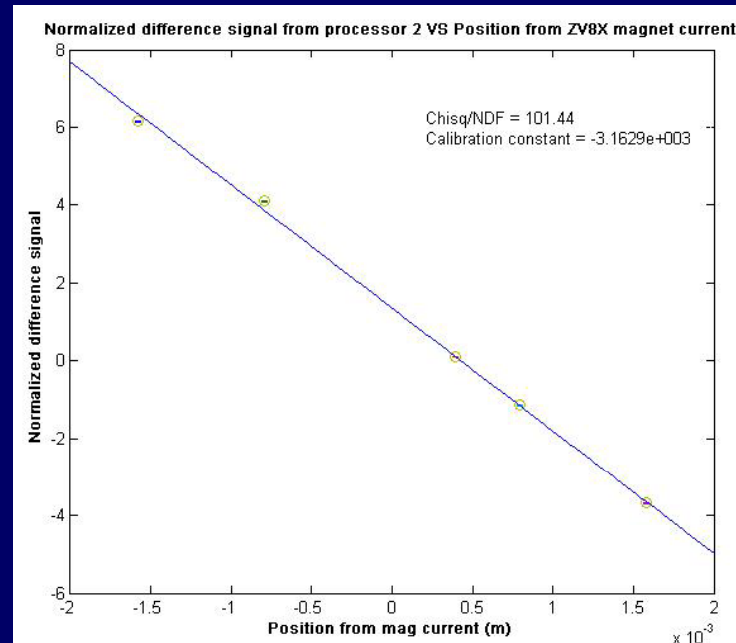
# Analogue BPM data analysis

Calibration & resolution  
calculations

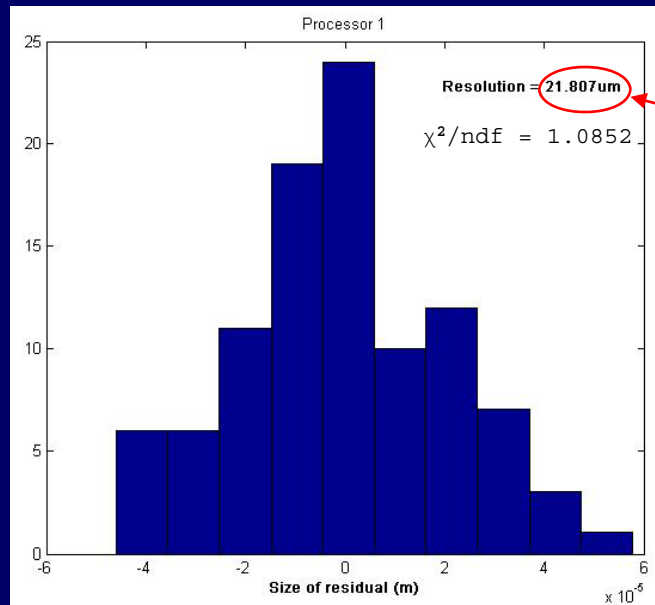
# ATF day shift 13/05/08 (calibration)

Setup - 3 analogue processors on  
BPM 11 with output from processor #1  
split and fed into digital board.

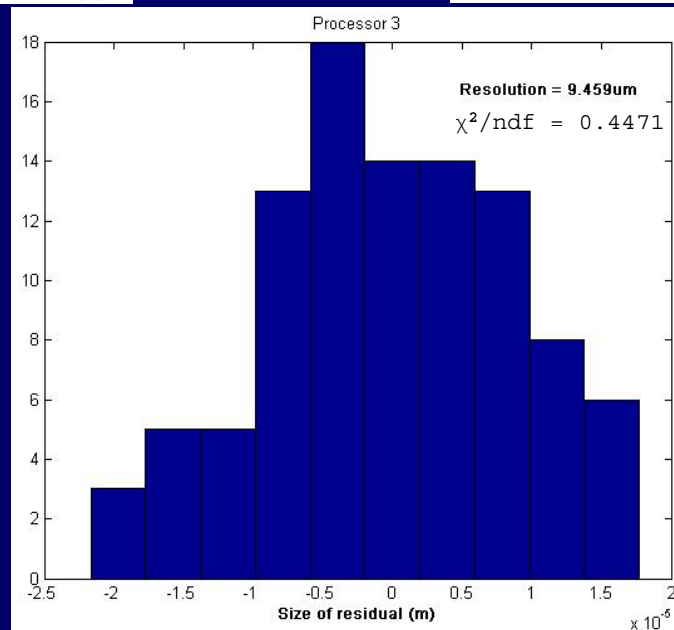
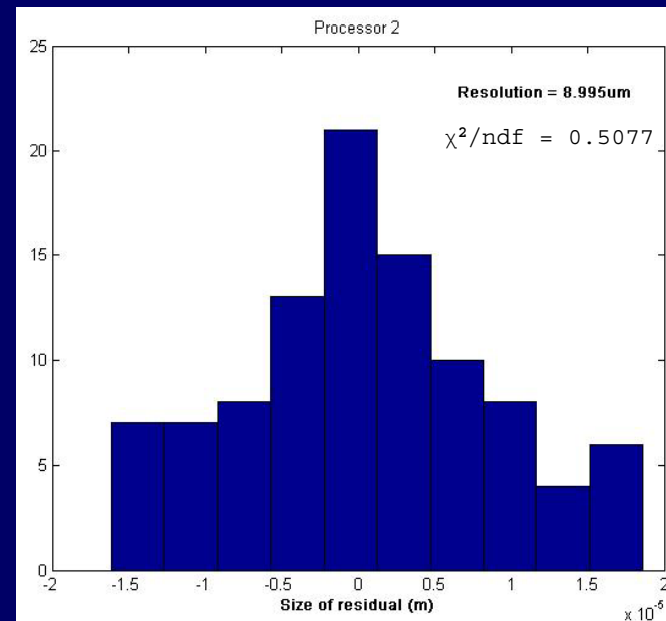
Data taken with single bunch beam.



# ATF day shift 13/05/08 (resolution)



P1 res is 2x p2&p3.  
P1 signal was split  
(1/2 in digital board)



# Resolution for Oct '07 – May '08

Run	Processor #	Resolution (um)
Oct '07	P1 (3 BPM, 10)	41.37
	P3 (3 BPM, 11)	25.37
	P4 (3 BPM, 12)	24.73
Dec '07	P1	13.86
	P2	14.25
	P3	11.35
	P4	13.30
March '08	P1	12.92
	P2	11.35
	P3	9.28
	P4	20.20
May '08	P1	21.81
	P2	9.00
	P3	9.46