Analog Out Noise:

internal vref
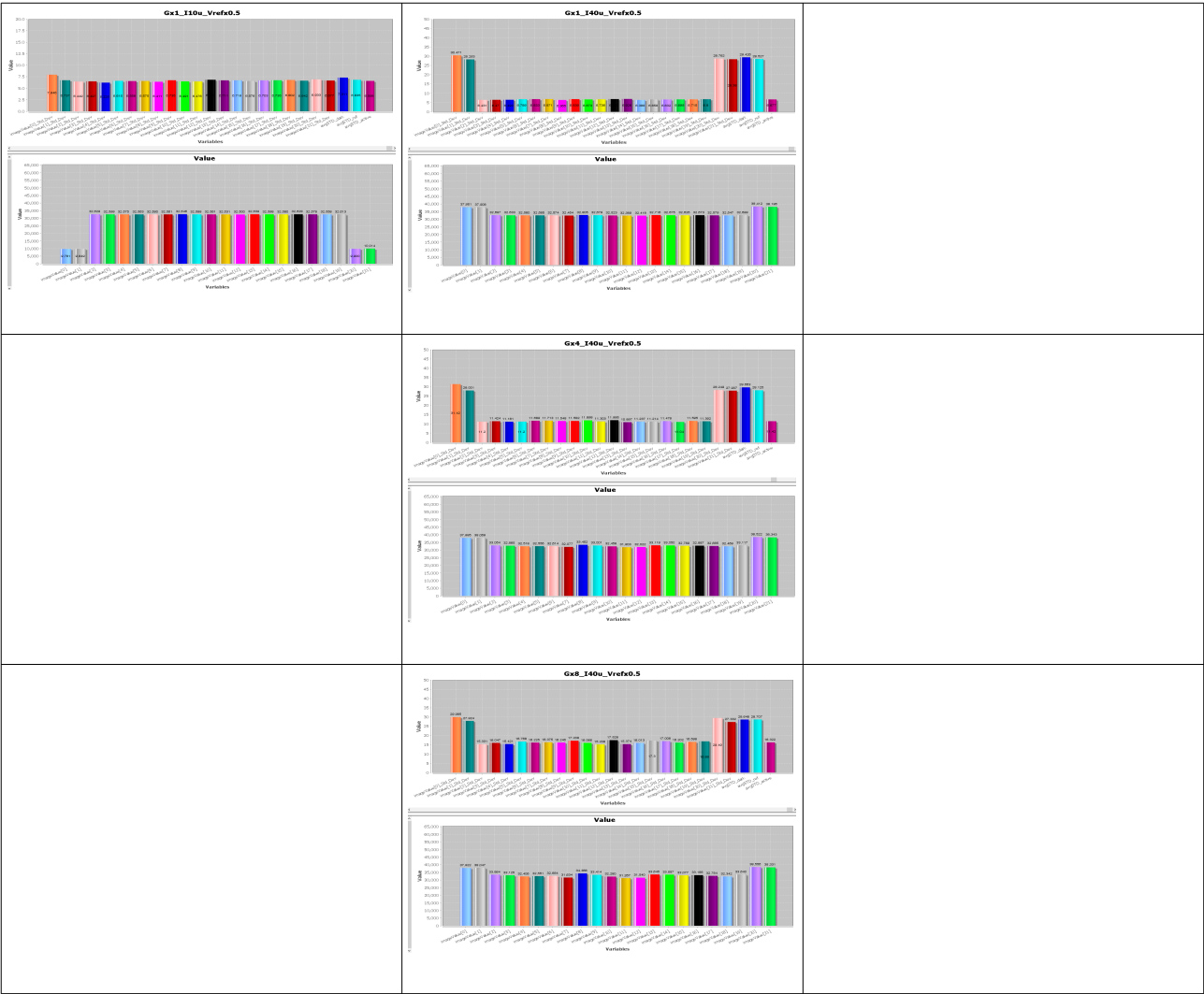last 1000 counts

Gain \ Ipix	10uA		40uA		60uA	
1	Dark	12.586	Dark	46.053	Dark	
	Ref	12.857	Ref	44.624	Ref	
	Active	13.296	Active	13.151	Active	
4	Dark		Dark	48.377	Dark	
	Ref		Ref	48.692	Ref	
	Active		Active	16.175	Active	
8	Dark		Dark	47.261	Dark	19.485
	Ref		Ref	48.045	Ref	19.019
	Active		Active	20.495	Active	17.955

D/R saturation
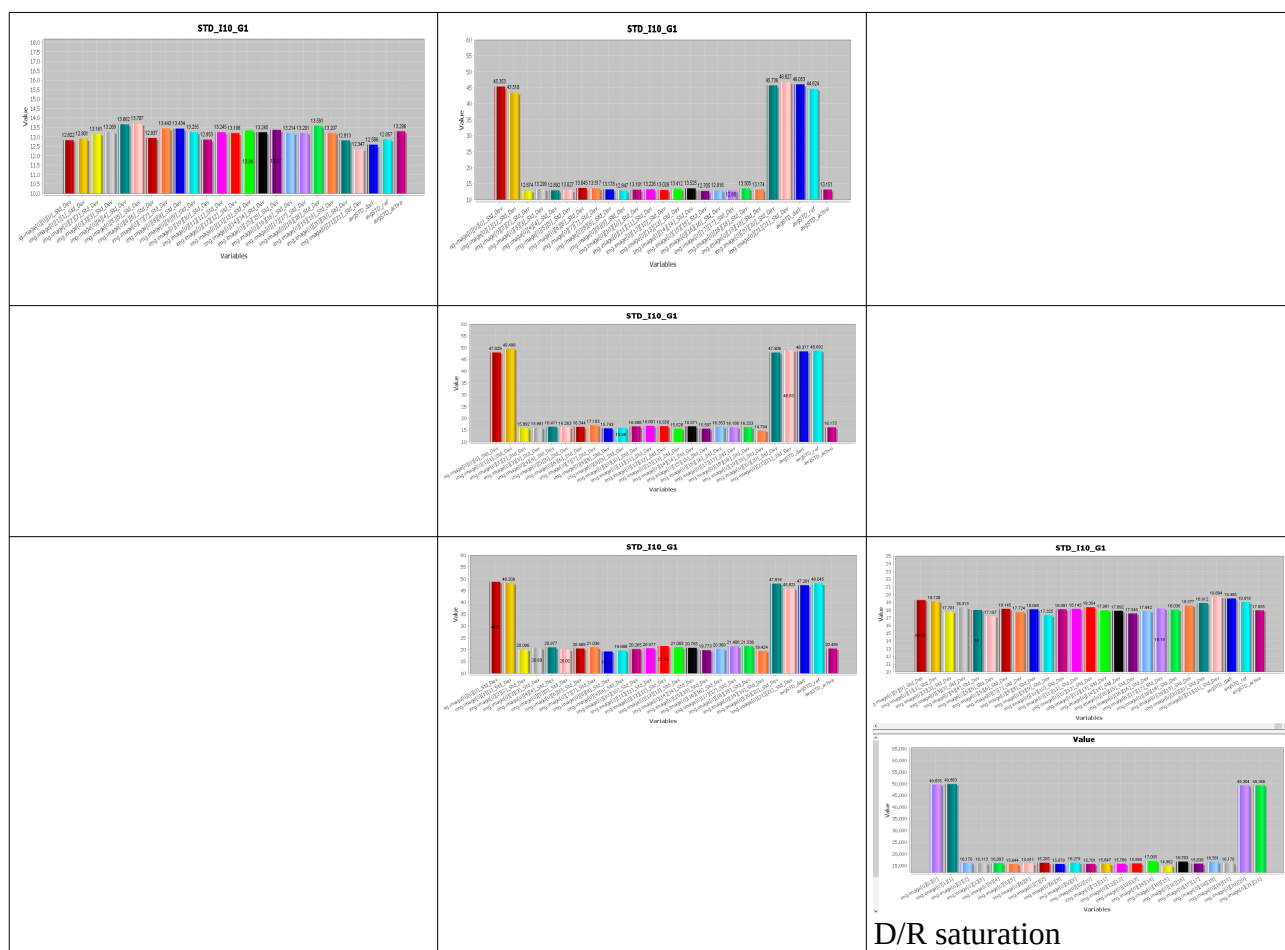
Analog Out Noise:

external vref *0.5
last 1000 counts
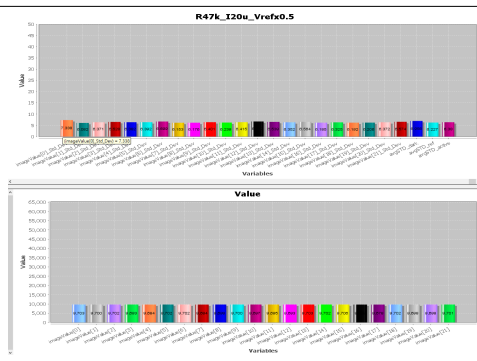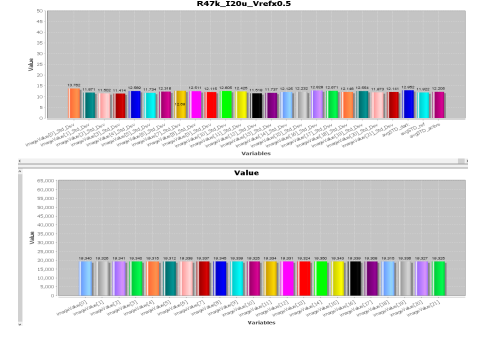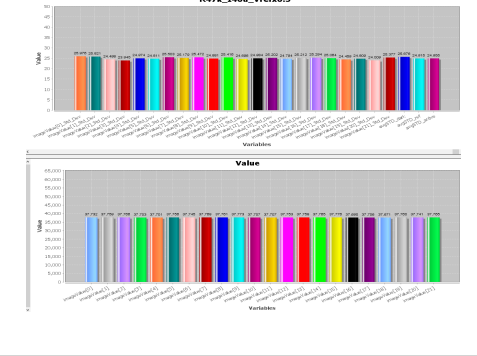
Gain \ Ipix	10uA		40uA		60uA
1	Dark	7.311	Dark	29.426	Dark
	Ref	6.835	Ref	28.527	Ref
	Active	6.598	Active	6.677	Active
4	Dark		Dark	29.663	Dark
	Ref		Ref	28.125	Ref
	Active		Active	11.42	Active
8	Dark		Dark	28.648	Dark
	Ref		Ref	28.707	Ref
	Active		Active	16.322	Active

Ipix noise:

external vref *0.5
last 1000 counts

Ipix \ Gain	4	
10u	Active	6.38
20u	Active	12.205
40u	Active	24.955

Ipix \ Gain	4
10u	
20u	
40u	

system test

Vref * ¼ to Ext. ADC with ADA4891

Vref * ½ to Ext. ADC with ADA4891