

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 4741 - L2 Version 002
Chandra X-Ray Center

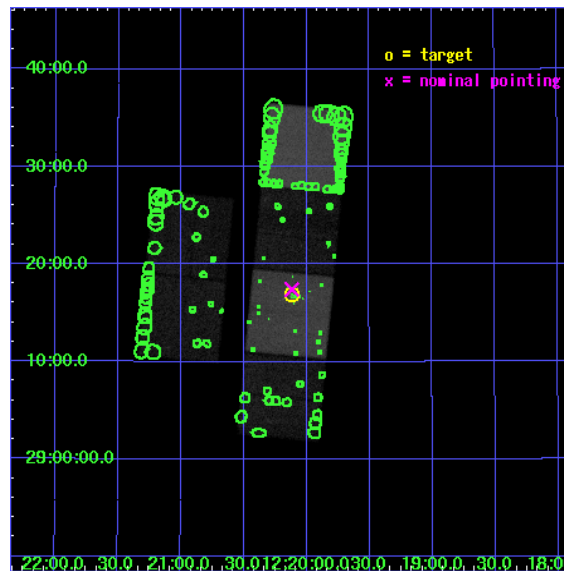
L2 Processing Date: Feb 21 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

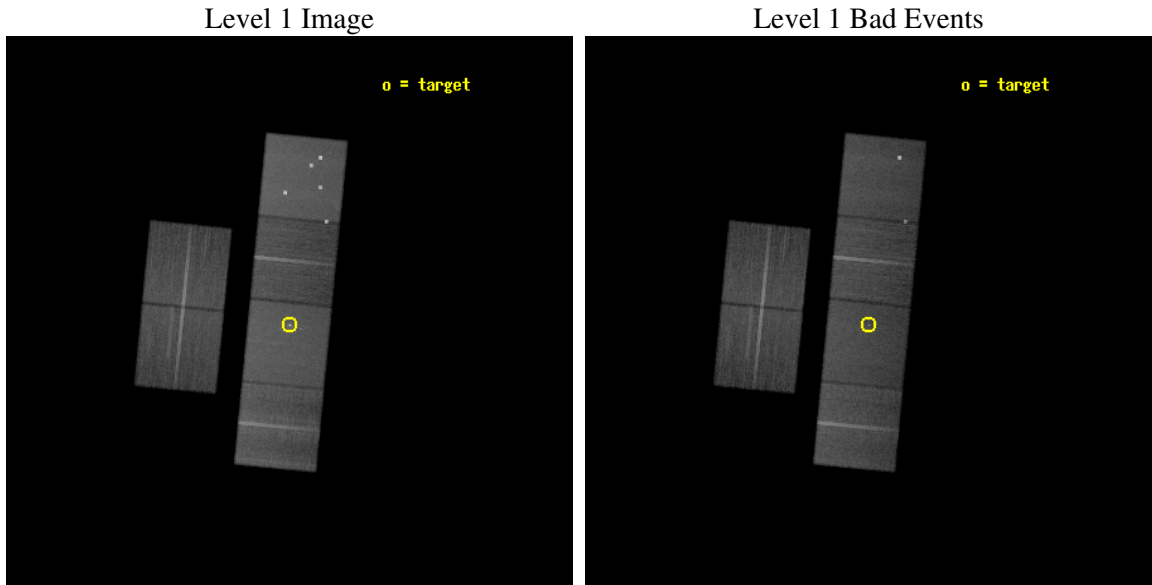
seq_num	600396
obs_id	4741
title	Observing LMXBs in High Globular Cluster Specific Frequency Elliptical Galaxies
observer	Dr. Jimmy Irwin
object	NGC4278
dtcycle	0
cycle	P
ra_targ	185.028333
dec_targ	29.280833
ra_nom	185.02920437793
dec_nom	29.290456294707
roll_nom	95.582715187212
revision	2
ontime	37942.399858654
livetime	37461.950345473
ontime2	37932.676907688
ontime3	37942.399858654
ontime5	37942.399858654
ontime6	37939.158848435
ontime7	37942.399858654
ontime8	37942.399858654
l2events	436893



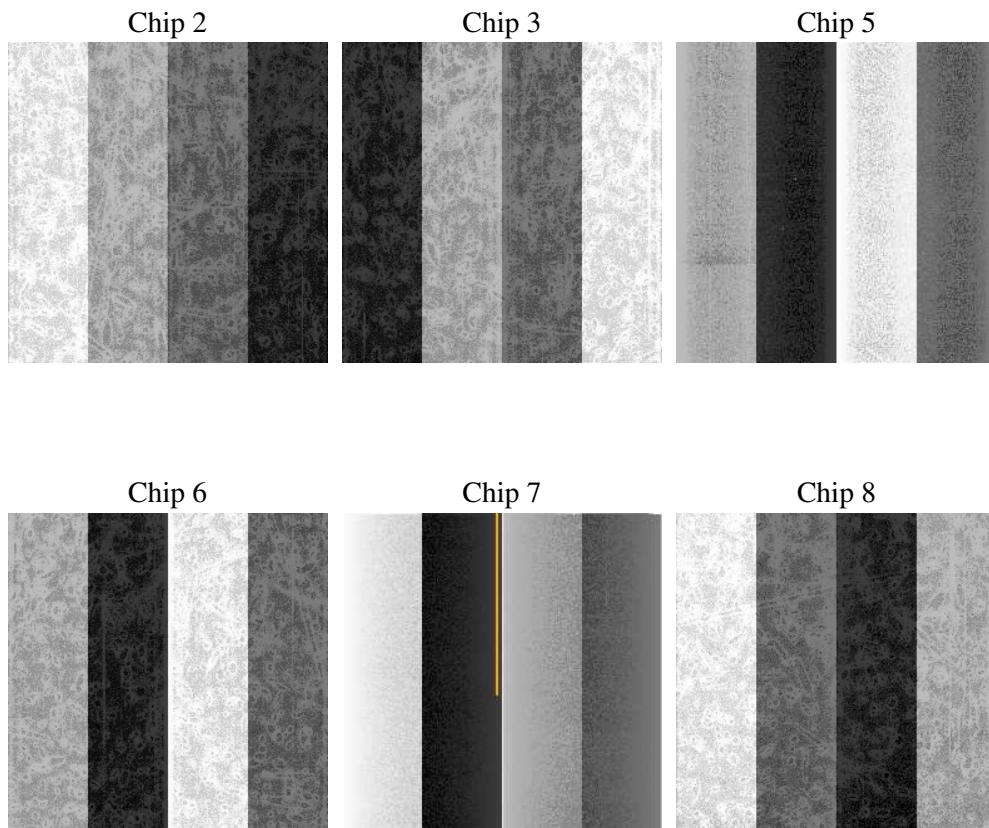
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-21T23:39:05
revision	2

sched_exp_time	38000.000000
ontime	37945.783365995
ontime2	37936.060395122
ontime3	37945.783346087
ontime5	37945.783365995
ontime6	37942.542355776
ontime7	37945.783365995
ontime8	37945.783346087
l1events	2012605

2.1.4 Events

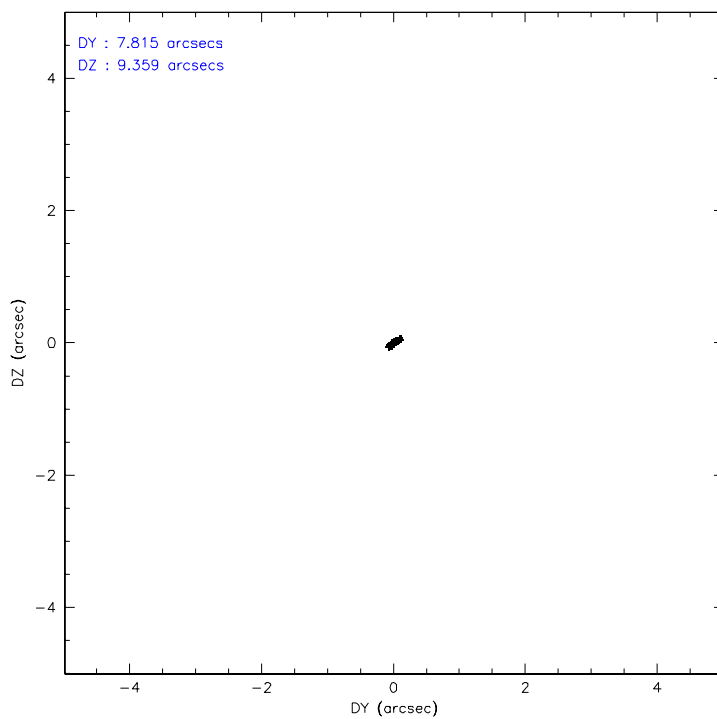
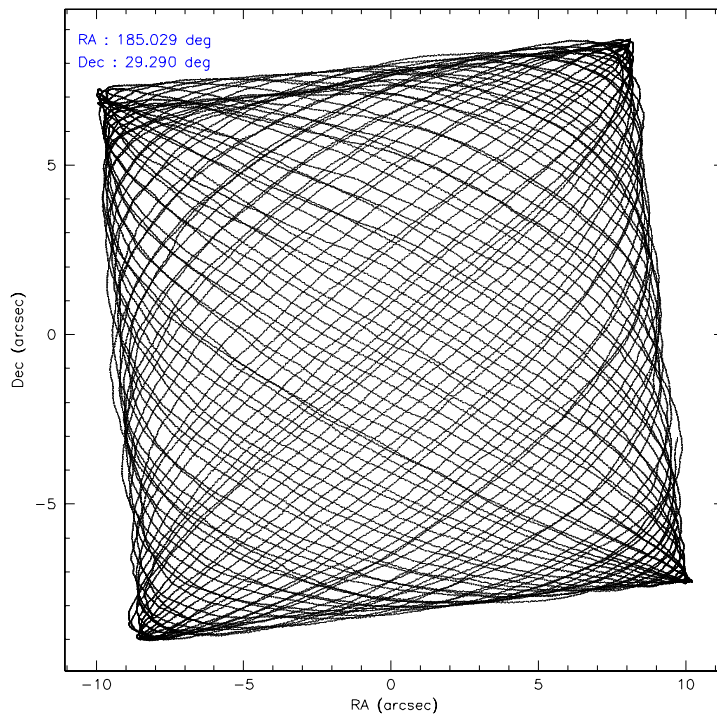
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	279789	267904	446252	281397	385735	351528
rejected events	247073	235673	240646	247463	233664	276527
rejected %	88%	87%	53%	87%	60%	78%

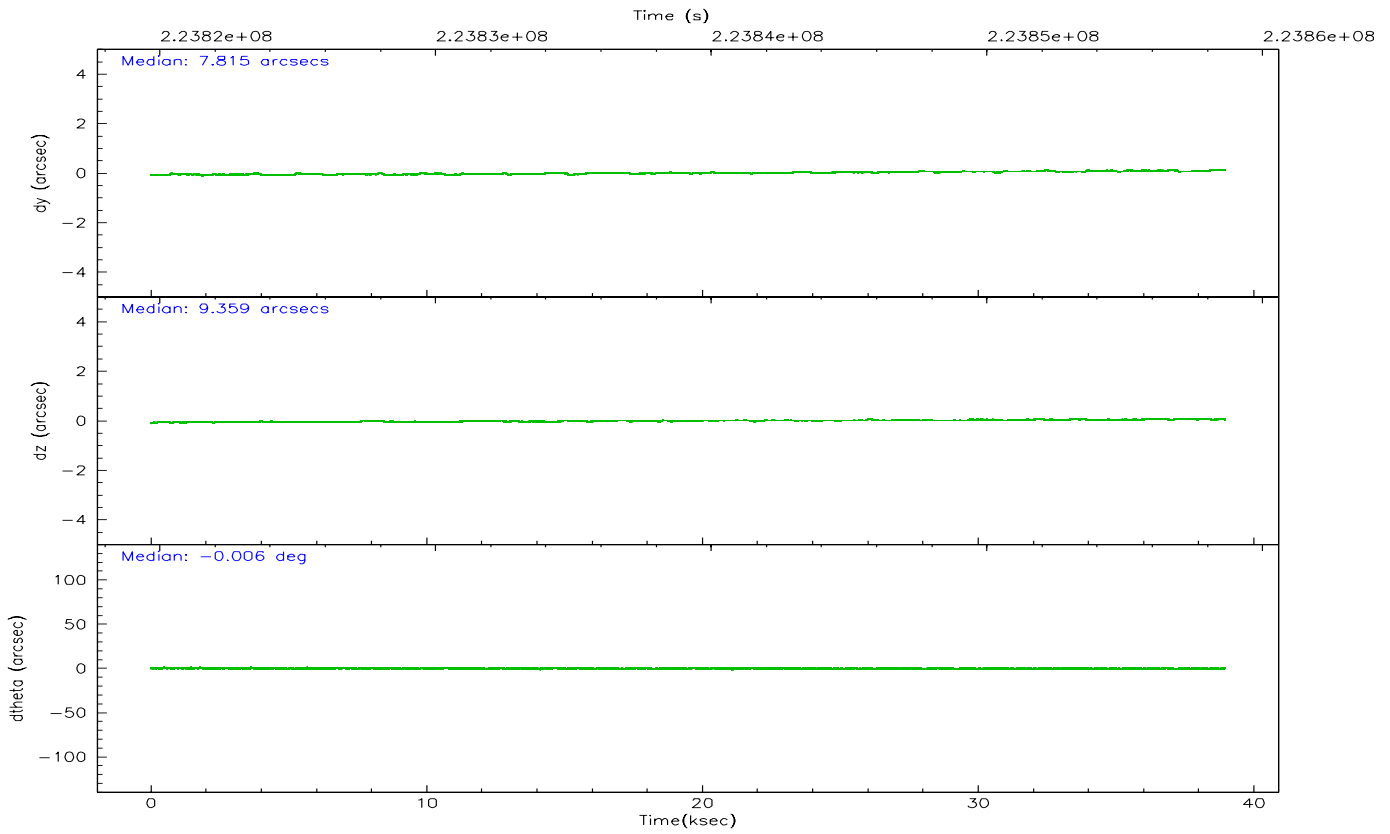
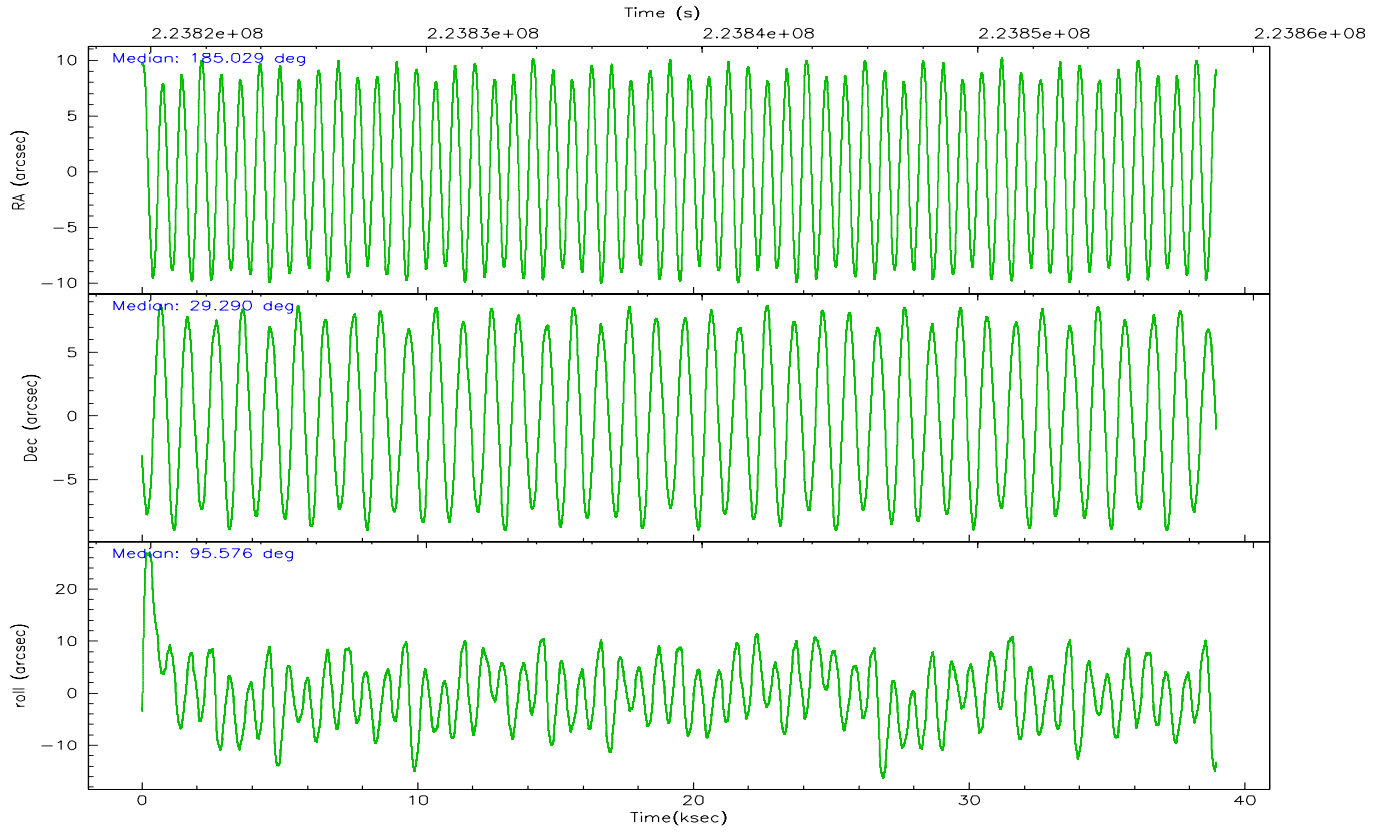
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	14170	14200	34204	13532	10885	23820
	5%	5%	7%	4%	2%	6%
grade 1 events	196	180	1458	124	373	248
	0%	0%	0%	0%	0%	0%
grade 2 events	6907	6294	58440	7186	37627	16426
	2%	2%	13%	2%	9%	4%
grade 3 events	3006	3021	4053	3241	7779	7737
	1%	1%	0%	1%	2%	2%
grade 4 events	3050	3043	4144	3092	7475	7316
	1%	1%	0%	1%	1%	2%
grade 5 events	10816	12118	21228	12887	23982	16952
	3%	4%	4%	4%	6%	4%
grade 6 events	5585	5676	104786	6885	88319	19705
	1%	2%	23%	2%	22%	5%
grade 7 events	236059	223372	217939	234450	209295	259324
	84%	83%	48%	83%	54%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	185.047713	185.0292043779285	Alternating exposures requested	N	N
Pointing Dec	29.268540	29.29045629470699	Primary exposure time	0.000000	3.2
Pointing Roll	95.417034	95.58271518721207			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	223820640.184000	223819291.58012			
Observation start date	2005-02-03T12:22:56	2005-02-03T12:01:31			
Observation end time	223858640.184000	223859461.33194			
Observation end date	2005-02-03T22:56:16	2005-02-03T23:11:01			
Read mode	TIMED	TIMED			

2.3 Aspect



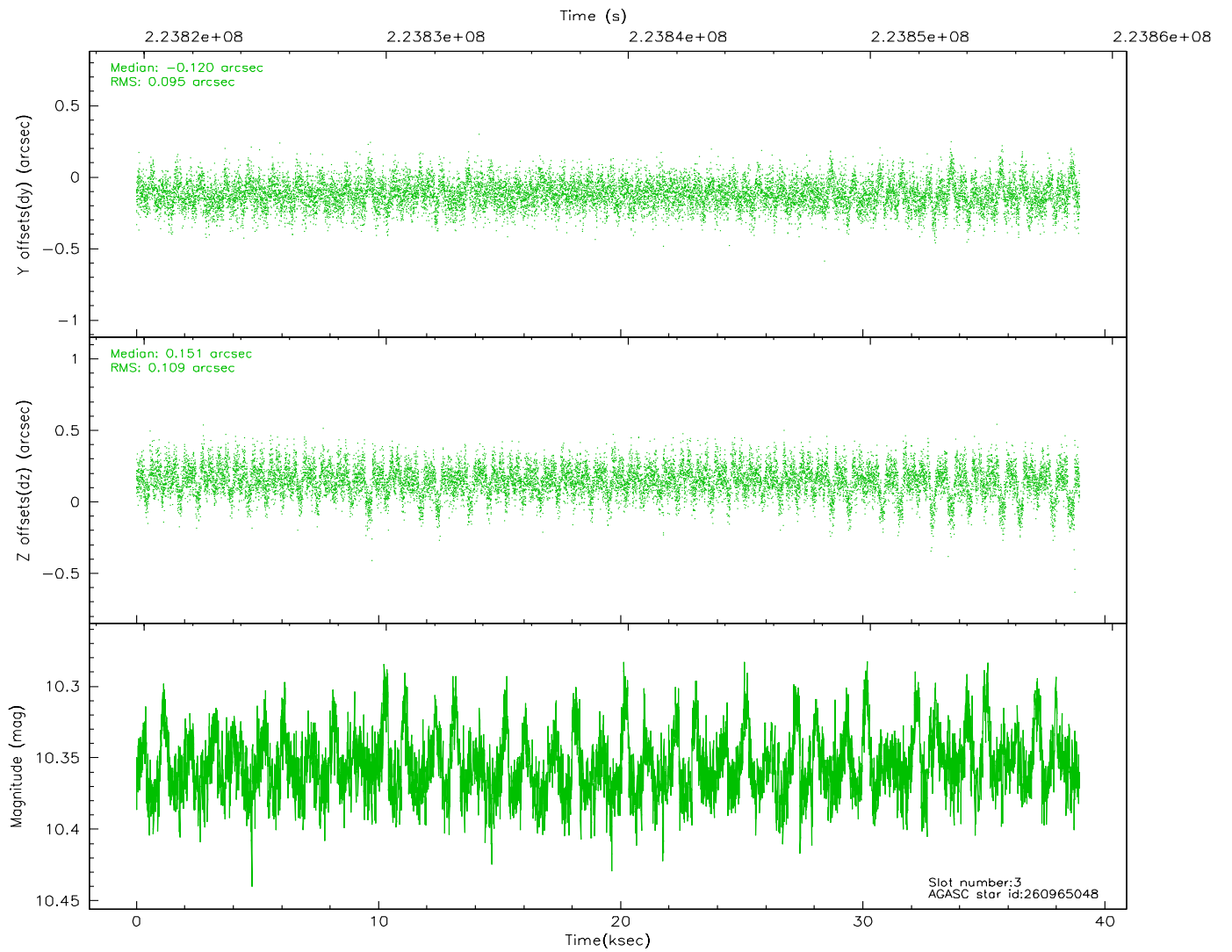
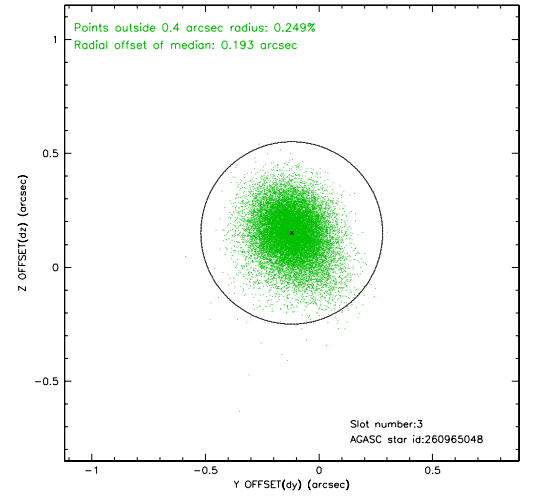
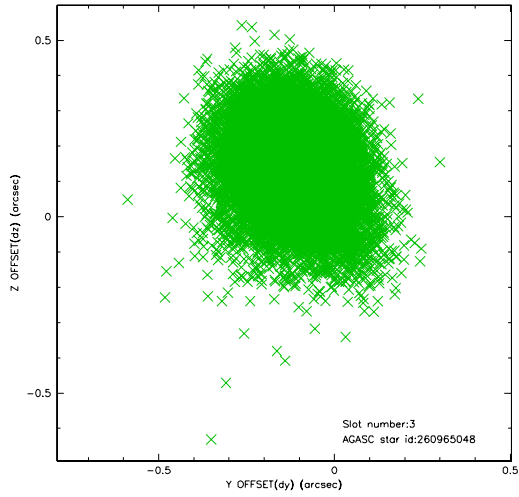


Slot Statistics

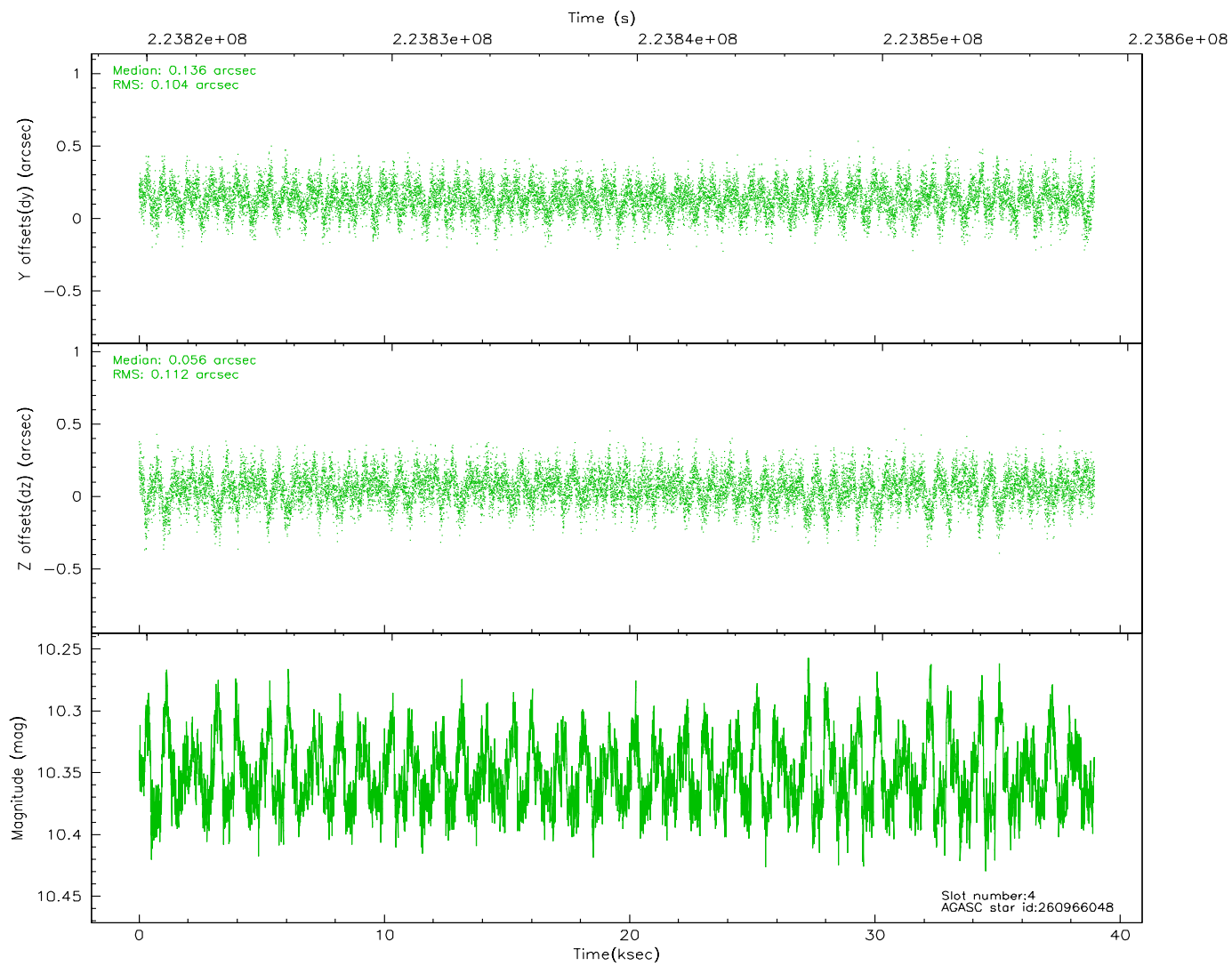
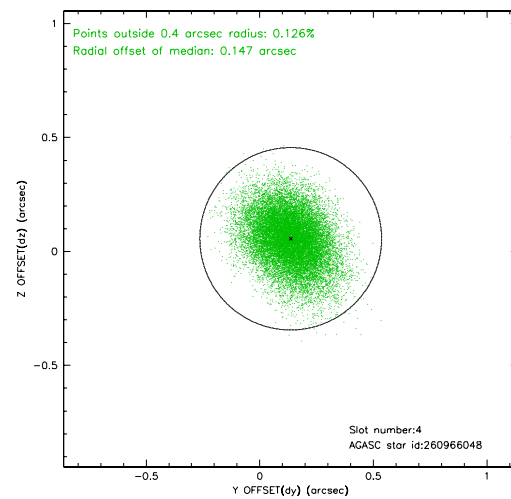
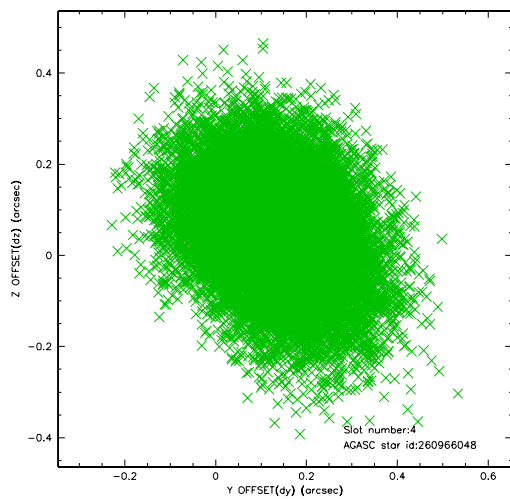
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	9502	0.030	0.006	0.006	0.010	0.000000	0.000000	935.48	-1726.15
1	FID	ACIS-S-5	7.24	9502	-0.059	0.031	0.007	0.011	0.000000	0.000000	-1813.60	171.40
2	FID	ACIS-S-6	7.35	9502	0.008	-0.026	0.007	0.012	0.000000	0.000000	400.98	815.33
3	GUIDE	260965048	10.36	18494	-0.120	0.151	0.149	0.257	185.120667	29.682199	1461.13	-367.00
4	GUIDE	260966048	10.35	18979	0.136	0.056	0.161	0.266	185.169624	29.533581	914.46	-469.61
5	GUIDE	260967848	10.35	18983	-0.177	-0.050	0.157	0.255	184.894103	29.822741	2031.71	289.77
6	GUIDE	260969864	10.17	18910	0.149	0.060	0.163	0.266	184.508412	28.652291	-2043.86	1905.50
7	GUIDE	260979504	6.11	19004	0.015	-0.210	0.096	0.163	184.377399	28.937186	-982.33	2214.77

2.4 Star Slots

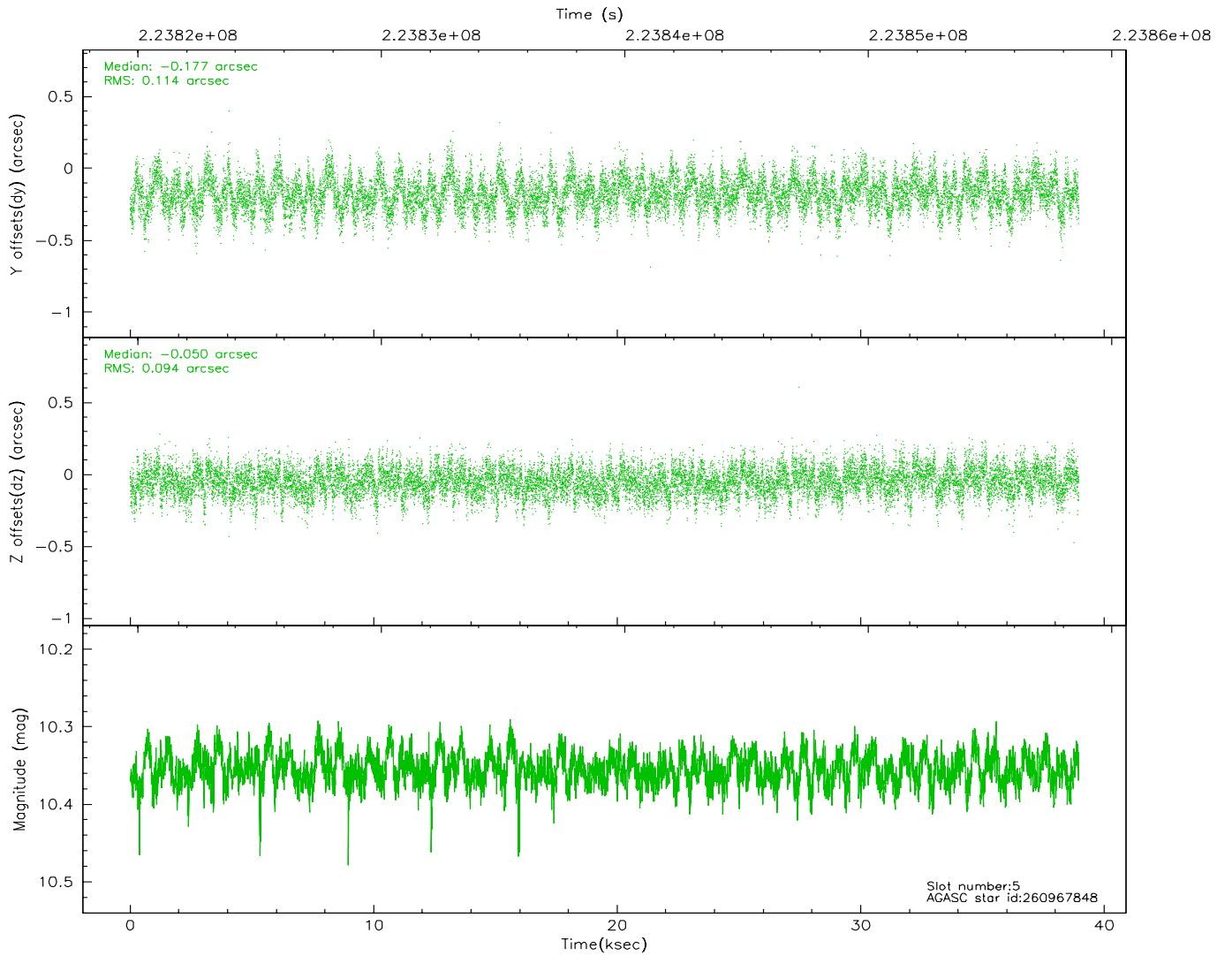
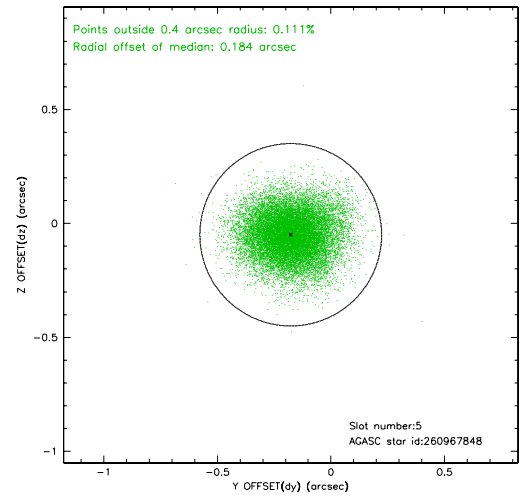
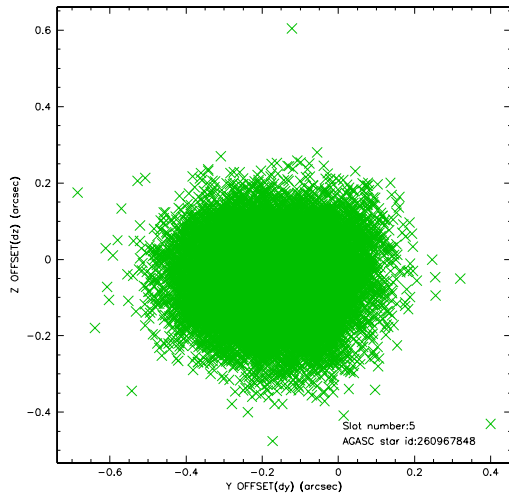
2.4.1 Slot 3



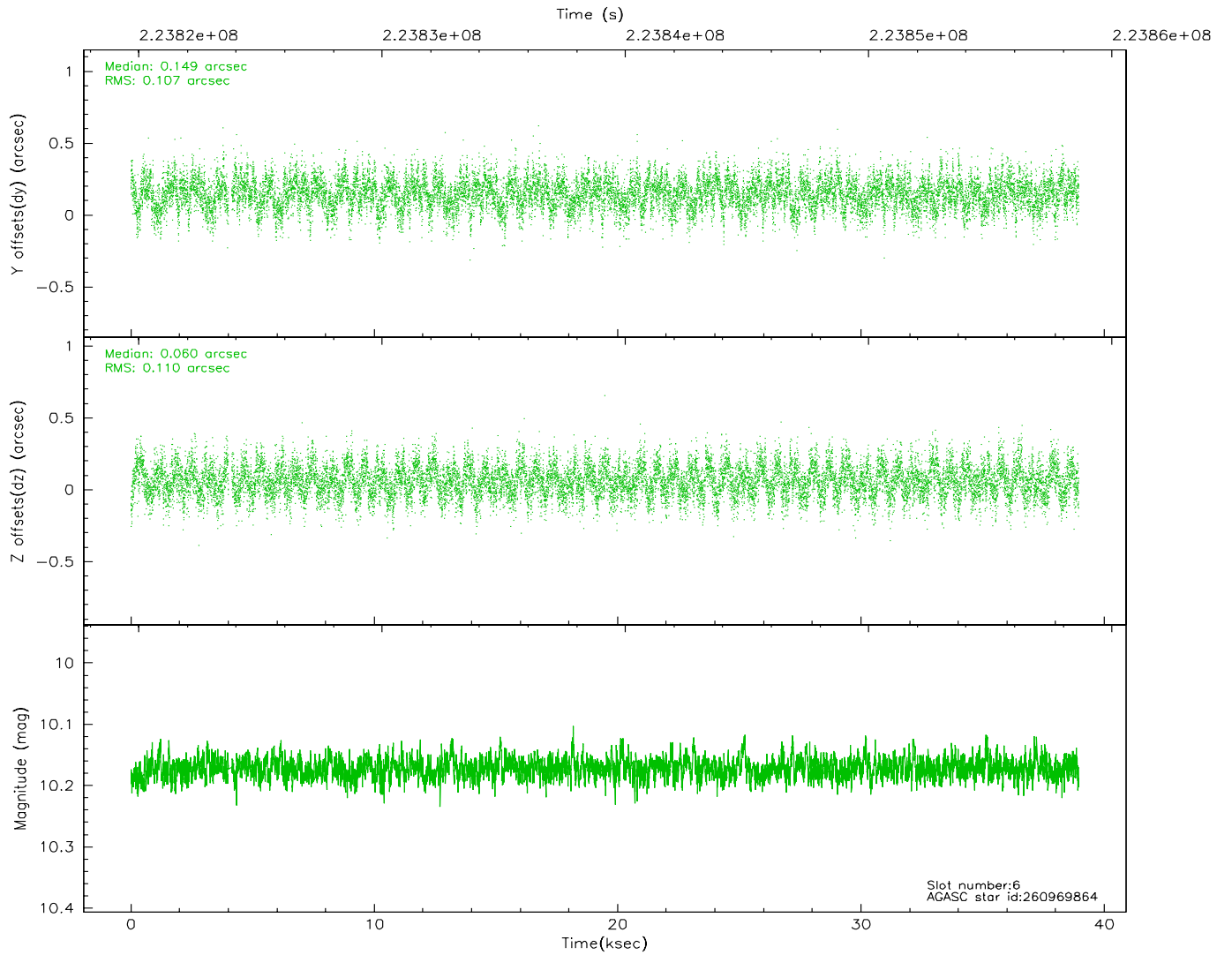
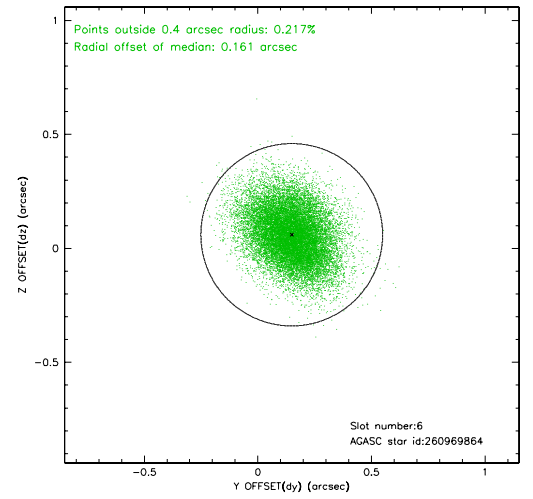
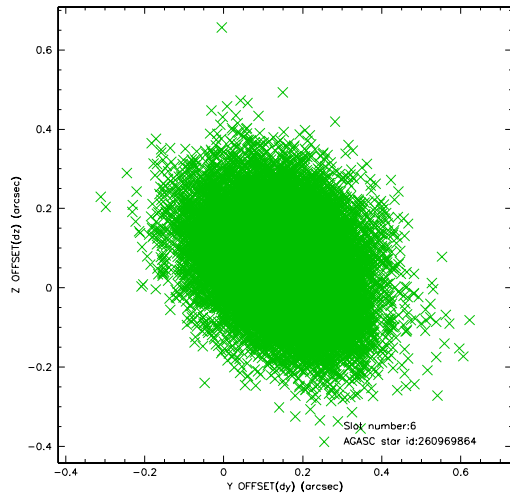
2.4.2 Slot 4



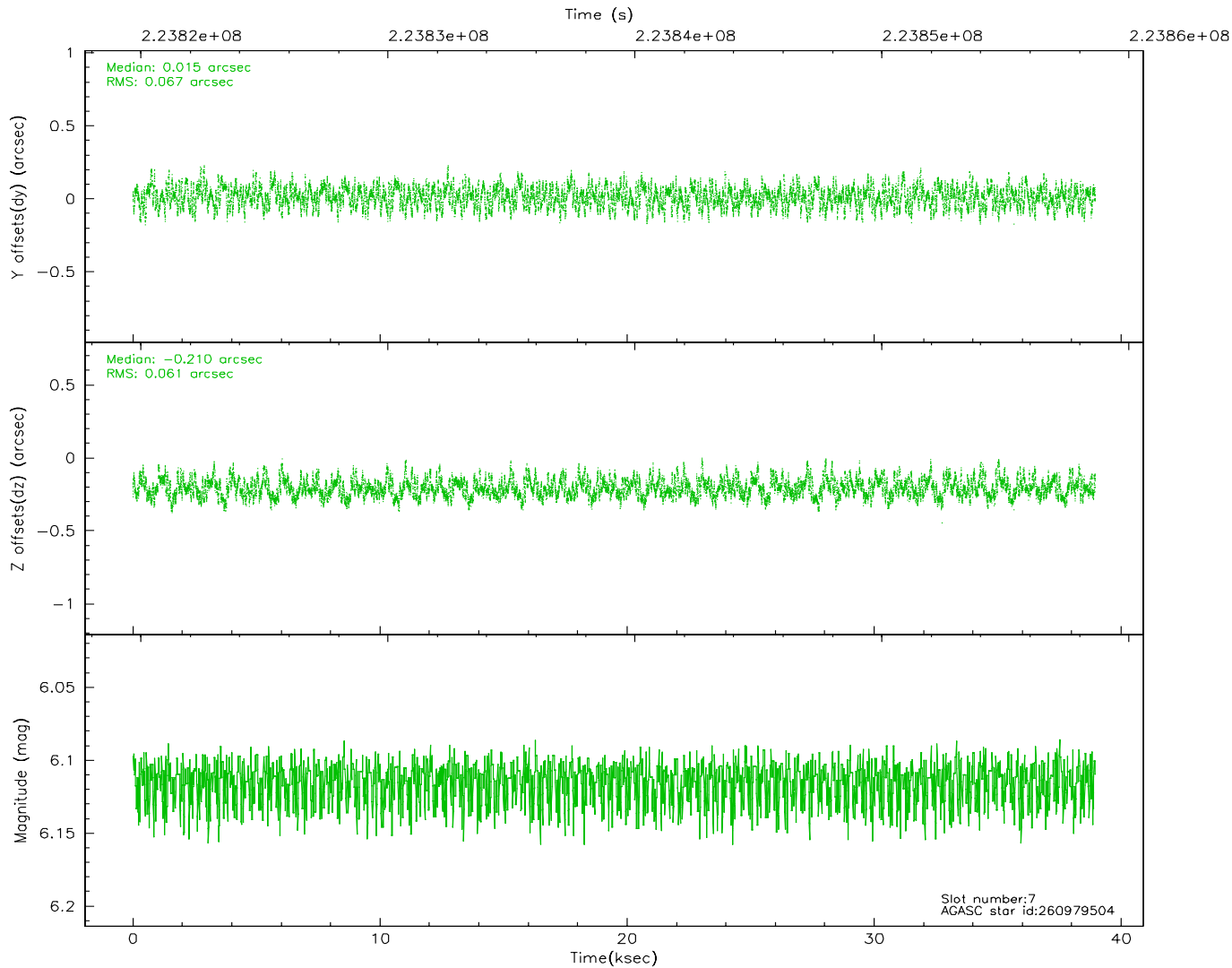
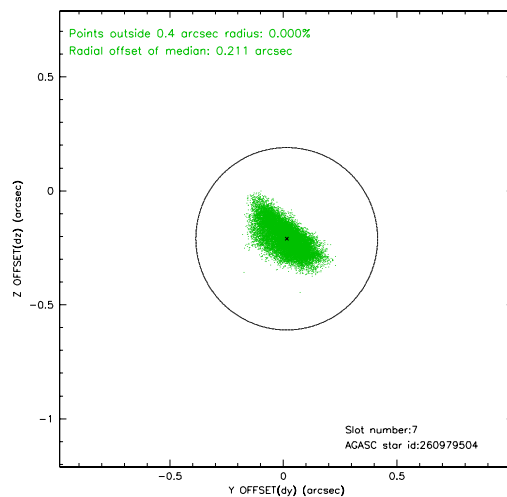
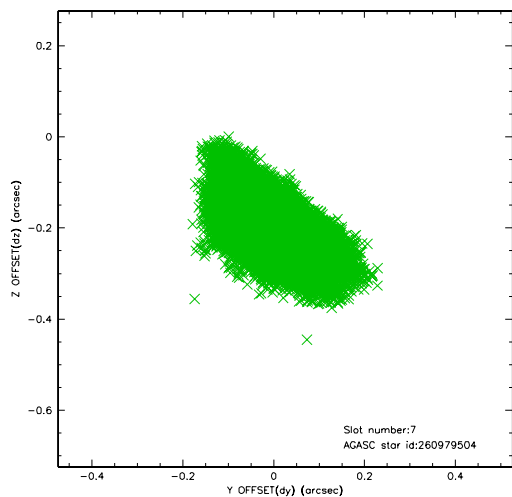
2.4.3 Slot 5



2.4.4 Slot 6

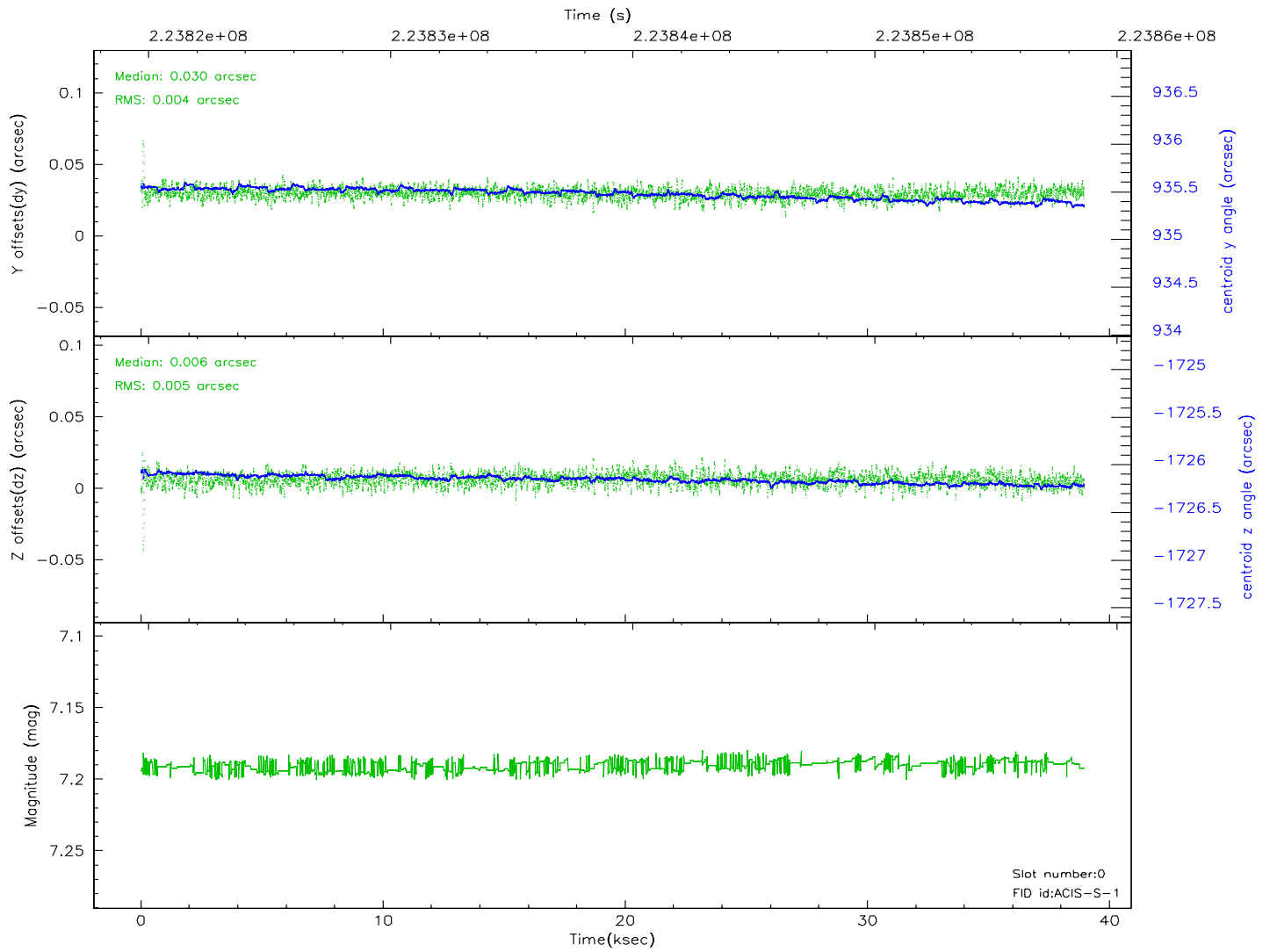
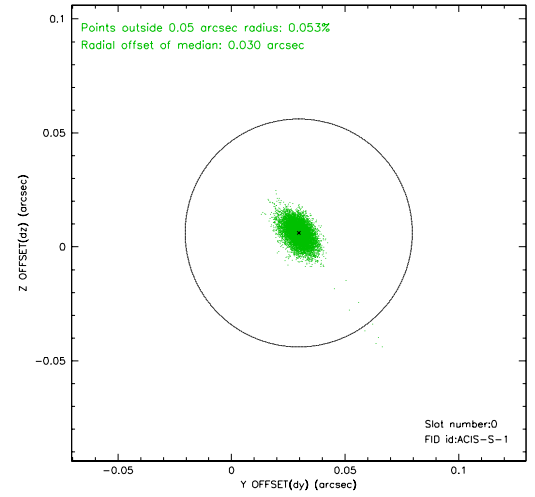
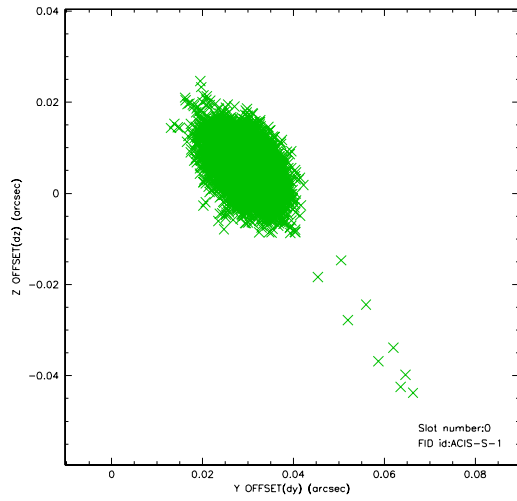


2.4.5 Slot 7

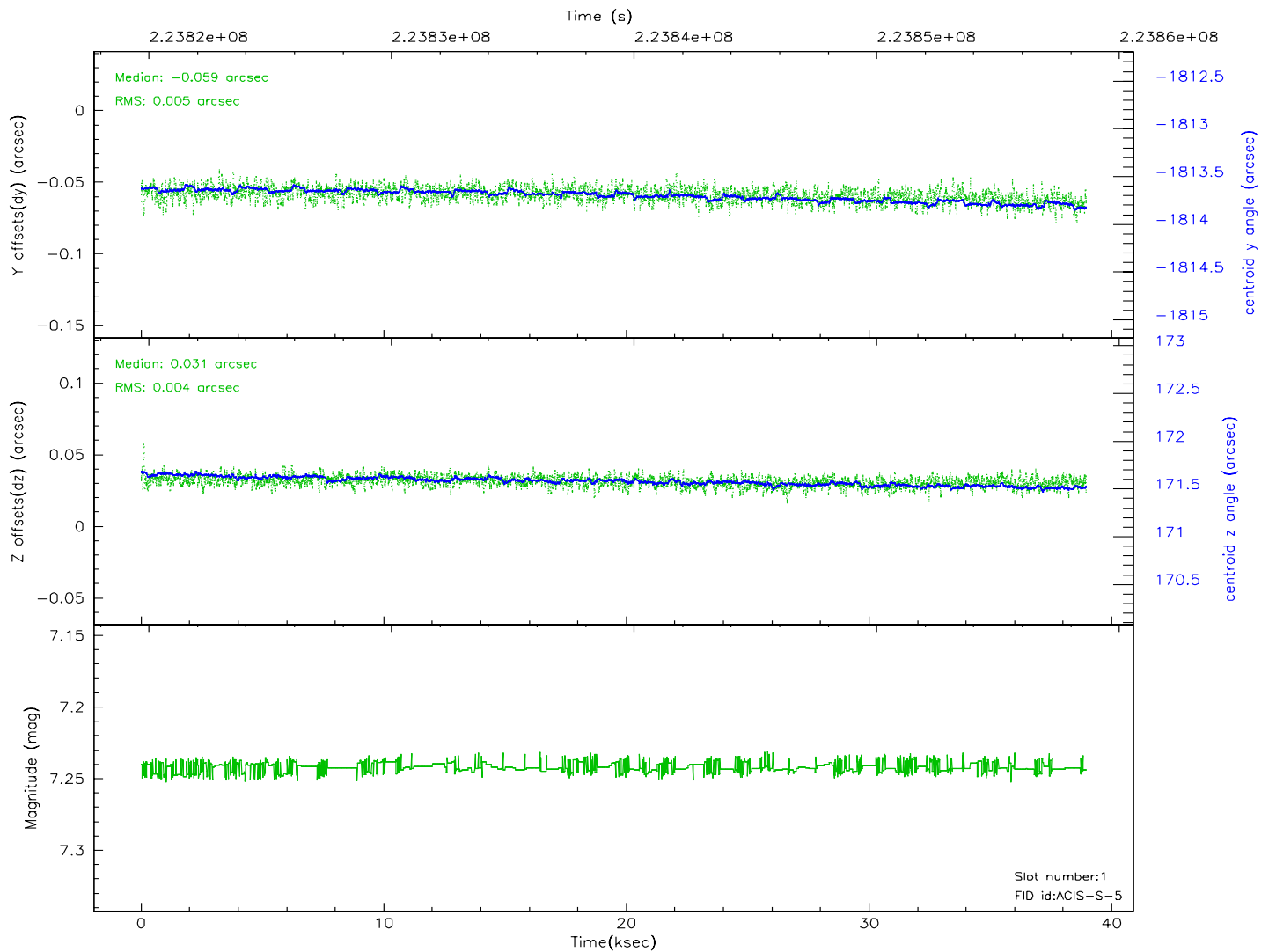
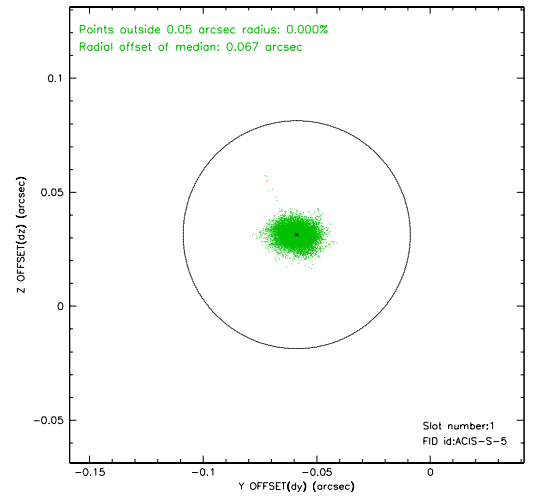
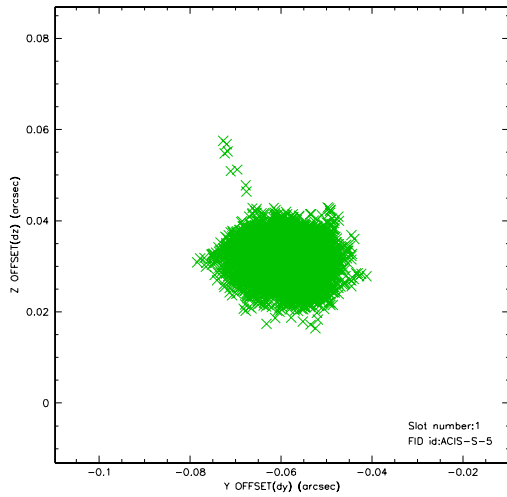


2.5 FID Slots

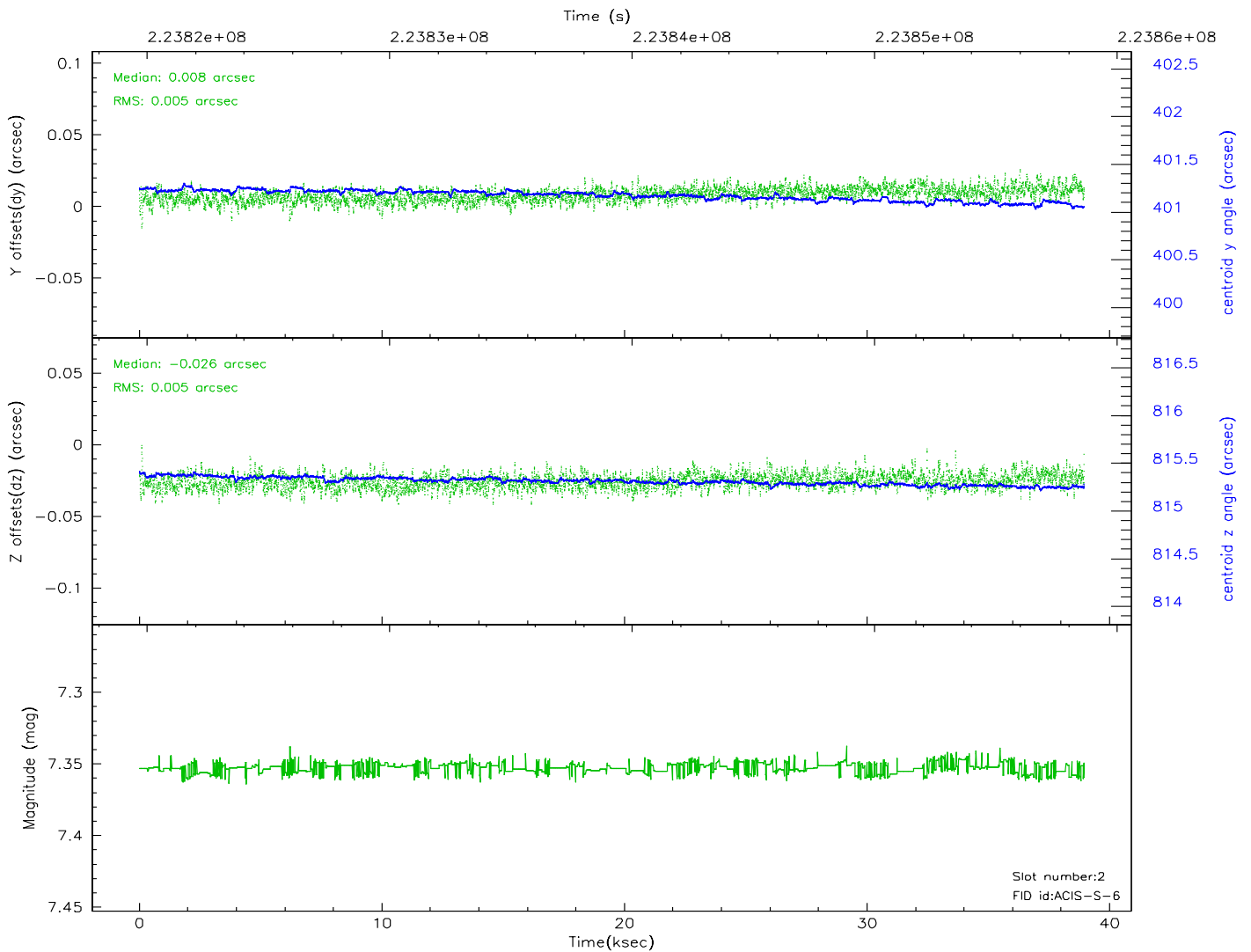
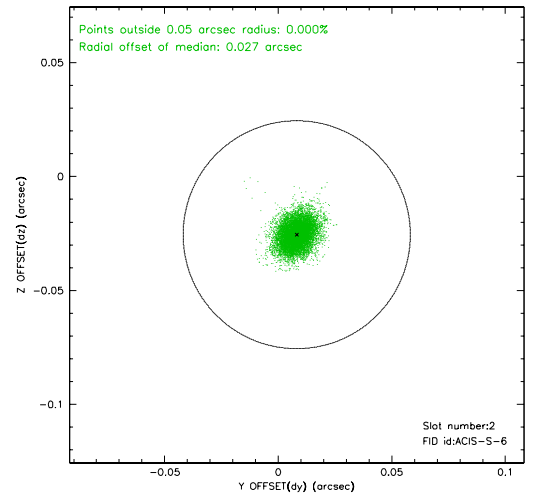
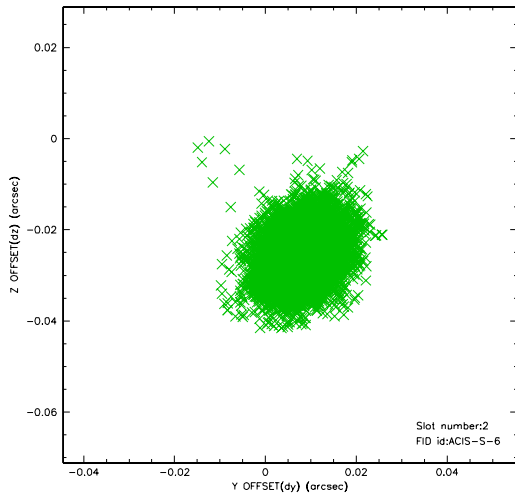
2.5.1 Slot 0



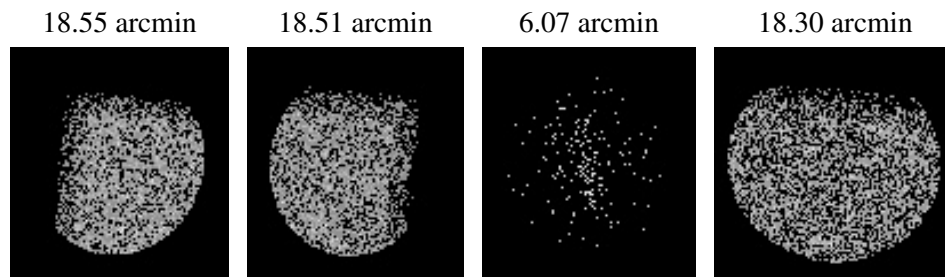
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.94239

A.2 Comments