

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4886 - L2 Version 001
Chandra X-Ray Center

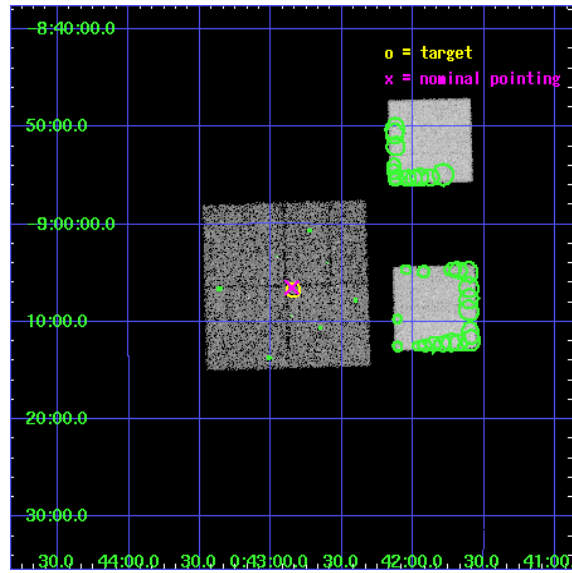
L2 Processing Date : Apr 19 2006

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1 Front

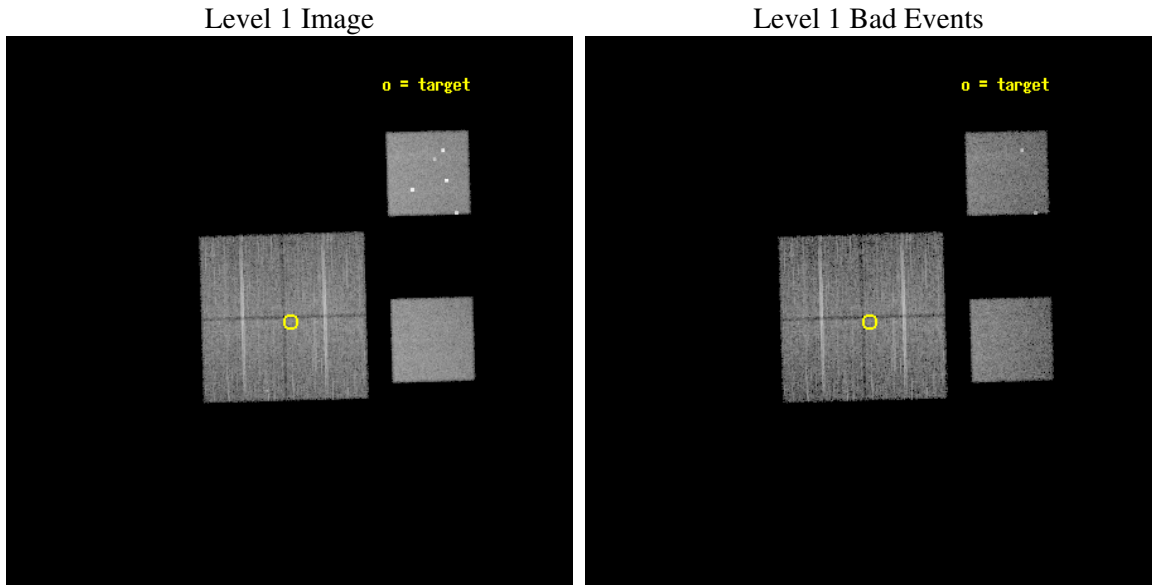
seq_num	700968
obs_id	4886
title	AGN in low-redshift Clusters of Galaxies
observer	Prof. Paul Martini
object	Abell85-P6
dtcycle	0
cycle	P
ra_targ	10.71125
dec_targ	-9.1125
ra_nom	10.713225663658
dec_nom	-9.1083149963832
roll_nom	88.404994876271
revision	3
ontime	9740.6770127118
livetime	9617.3346952453
ontime0	9750.3999636769
ontime1	9750.3999636769
ontime2	9747.1589534581
ontime3	9740.6770127118
ontime5	9747.1589733958
ontime7	9743.9179831147
l2events	119056



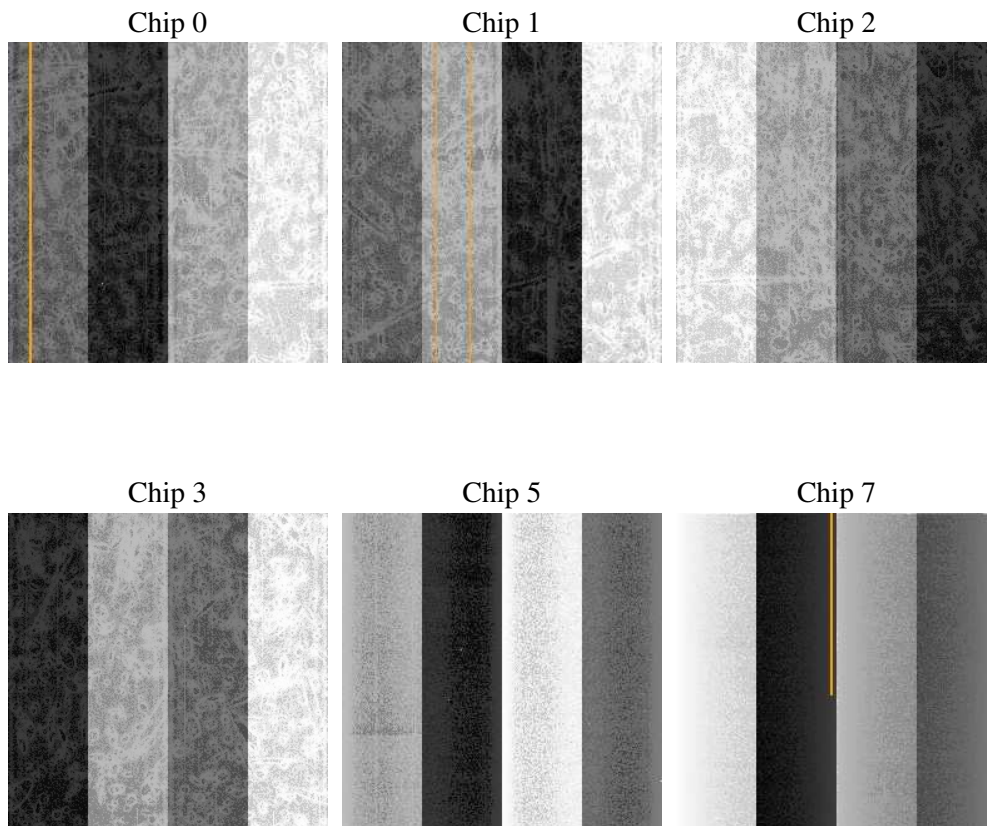
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-19T08:20:58
revision	3

sched_exp_time	9991.494000
ontime	9745.723023653
ontime0	9755.4459547102
ontime1	9755.4459746182
ontime2	9752.2049643993
ontime3	9745.723023653
ontime5	9752.2049843371
ontime7	9748.963974148
l1events	501536

2.1.4 Events

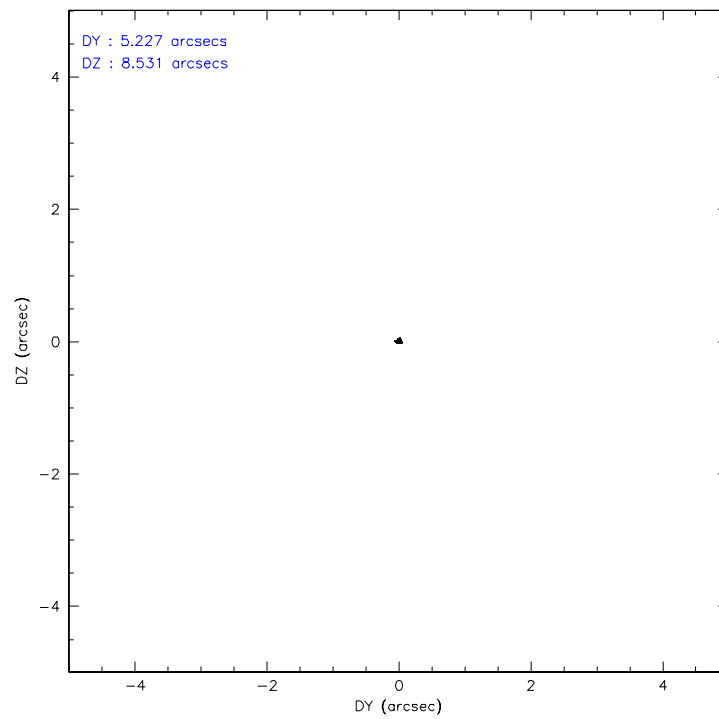
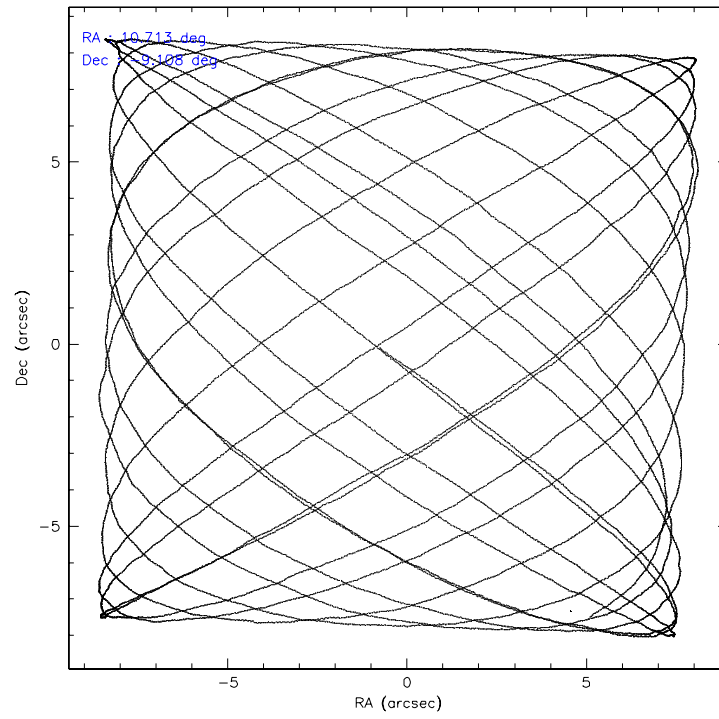
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	67585	67356	71511	72988	116670	105426
rejected events	58715	57983	62959	63700	61575	61809
rejected %	86%	86%	88%	87%	52%	58%

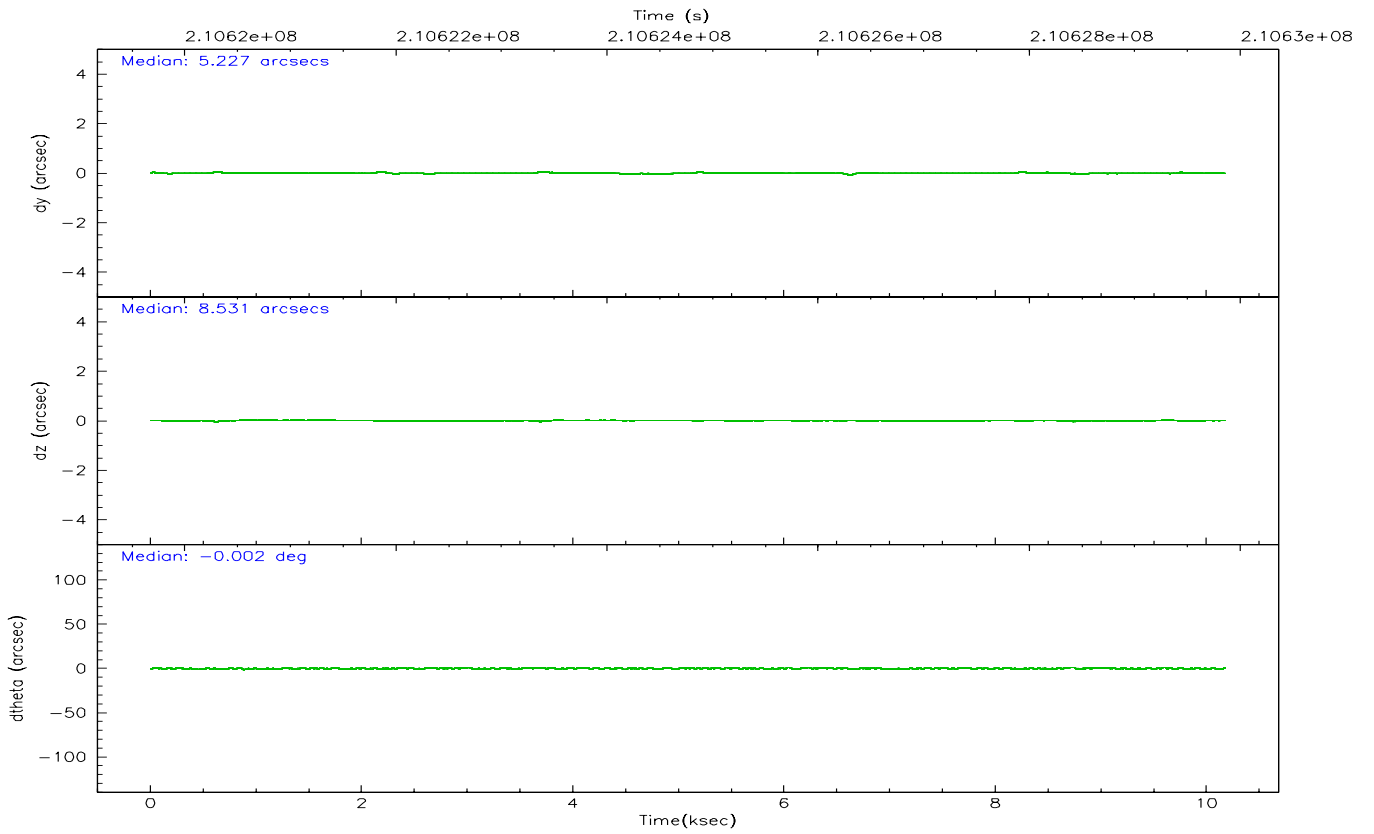
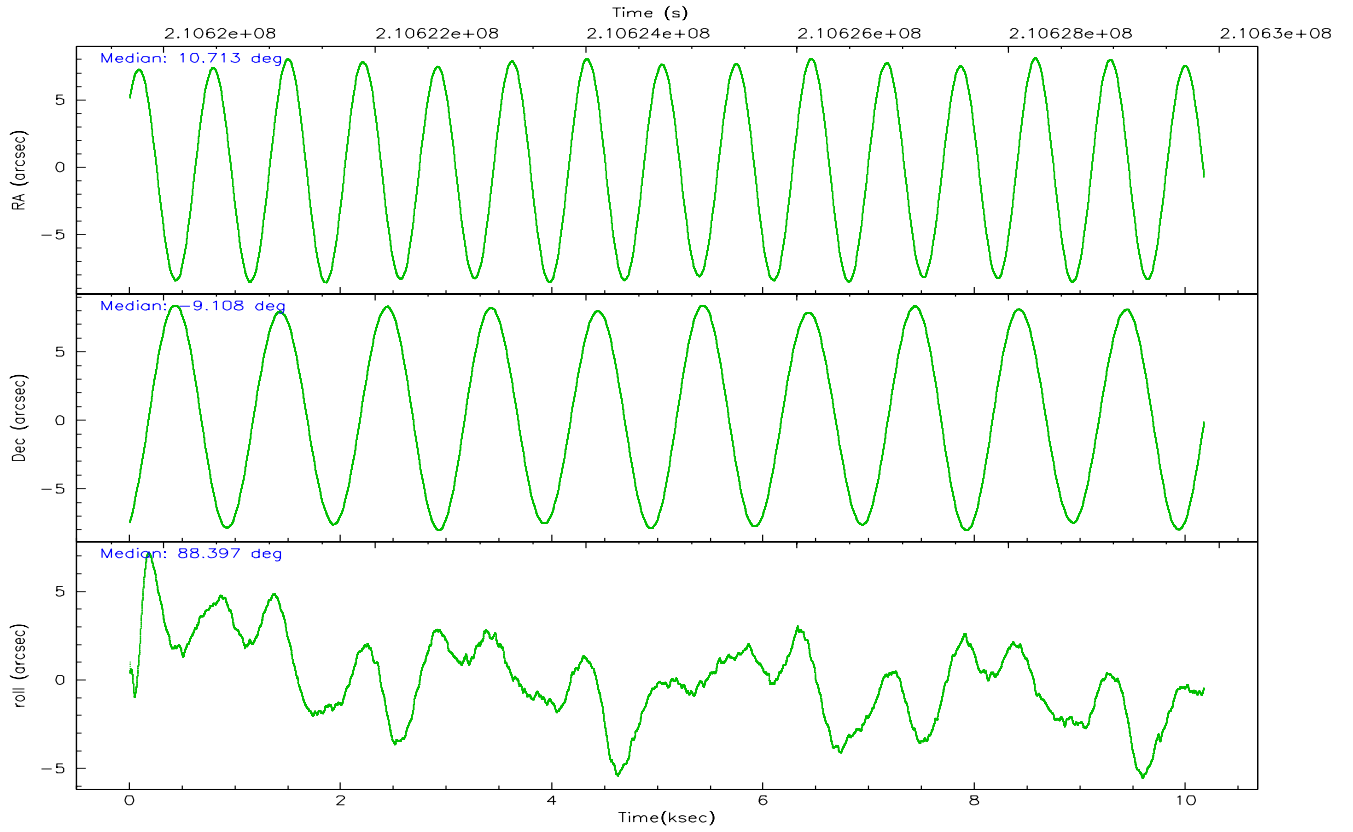
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	3790	3749	3836	4373	9086	3559
	5%	5%	5%	5%	7%	3%
grade 1 events	43	48	48	52	229	69
	0%	0%	0%	0%	0%	0%
grade 2 events	1822	2019	1701	1680	15351	11090
	2%	2%	2%	2%	13%	10%
grade 3 events	873	914	794	878	1111	2446
	1%	1%	1%	1%	0%	2%
grade 4 events	828	902	851	906	1096	2357
	1%	1%	1%	1%	0%	2%
grade 5 events	2908	3112	2801	3202	5351	6609
	4%	4%	3%	4%	4%	6%
grade 6 events	1562	1798	1371	1458	28492	24191
	2%	2%	1%	1%	24%	22%
grade 7 events	55759	54814	60109	60439	55954	55105
	82%	81%	84%	82%	47%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012357	ACIS-012357	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	10.726495	10.71322566365767	Alternating exposures requested	N	N
Pointing Dec	-9.132316	-9.10831499638317	Primary exposure time	0.000000	3.2
Pointing Roll	88.198409	88.40499487627142			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	210619866.184000	210619490.63755			
Observation start date	2004-09-03T17:30:02	2004-09-03T17:24:50			
Observation end time	210629858.184000	210630094.77552			
Observation end date	2004-09-03T20:16:34	2004-09-03T20:21:34			
Read mode	TIMED	TIMED			

2.3 Aspect



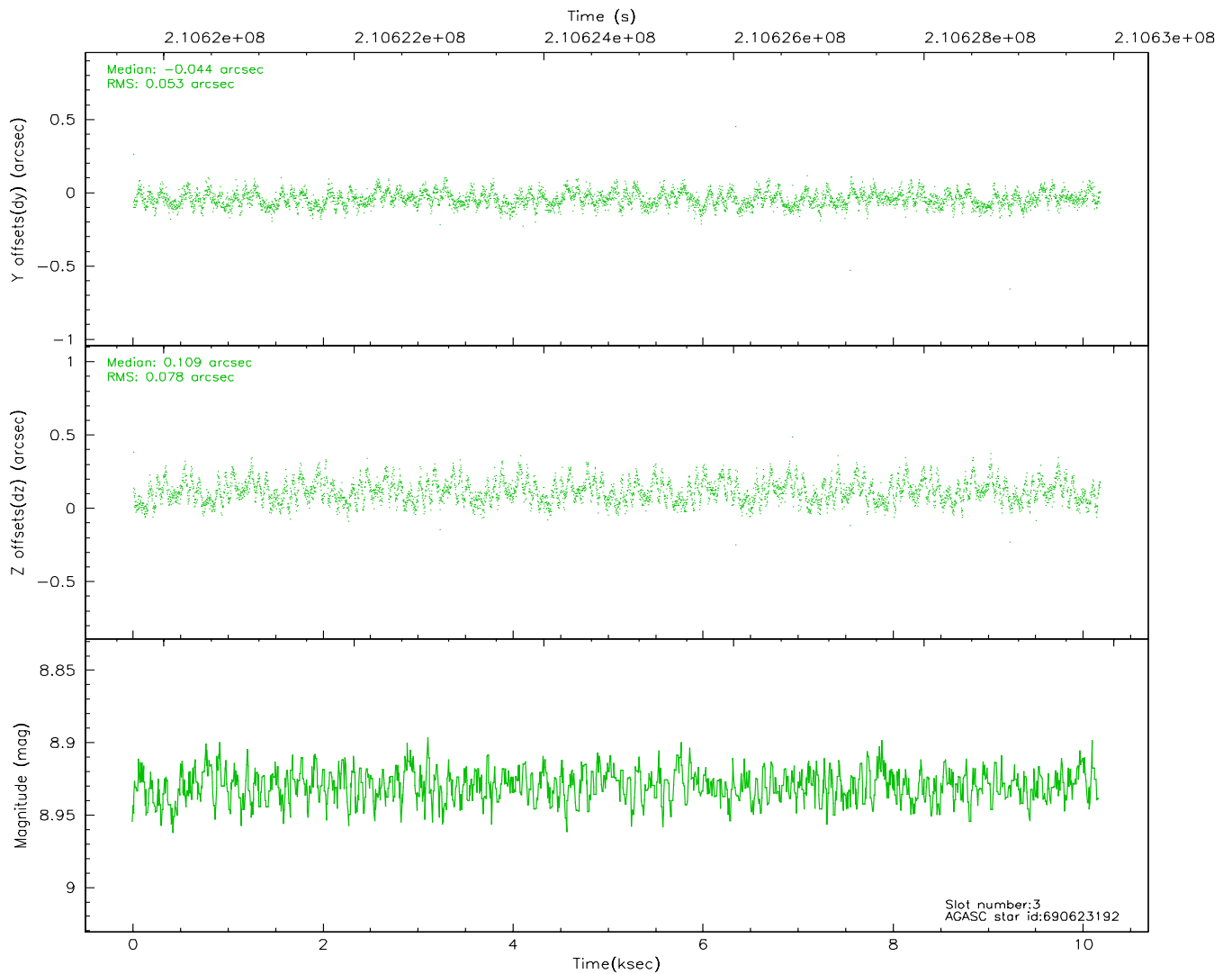
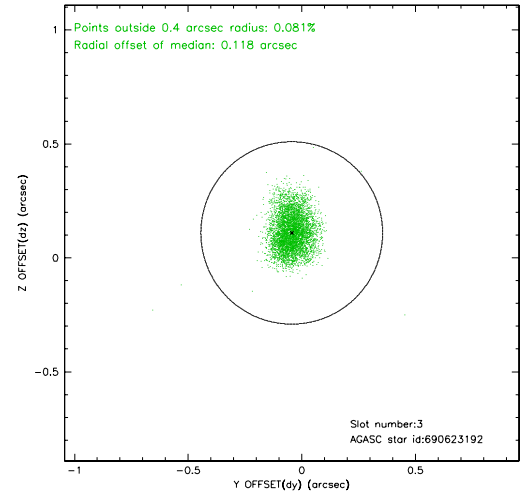
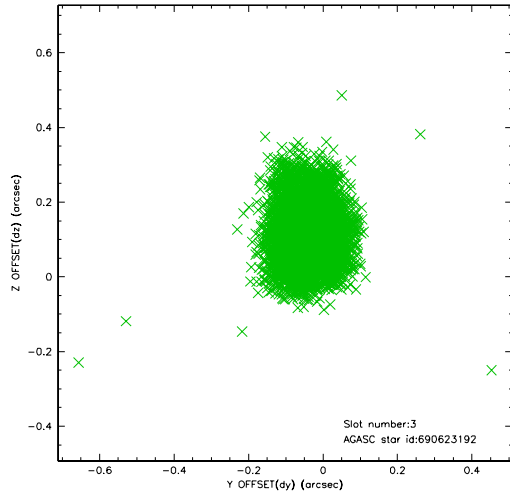


Slot Statistics

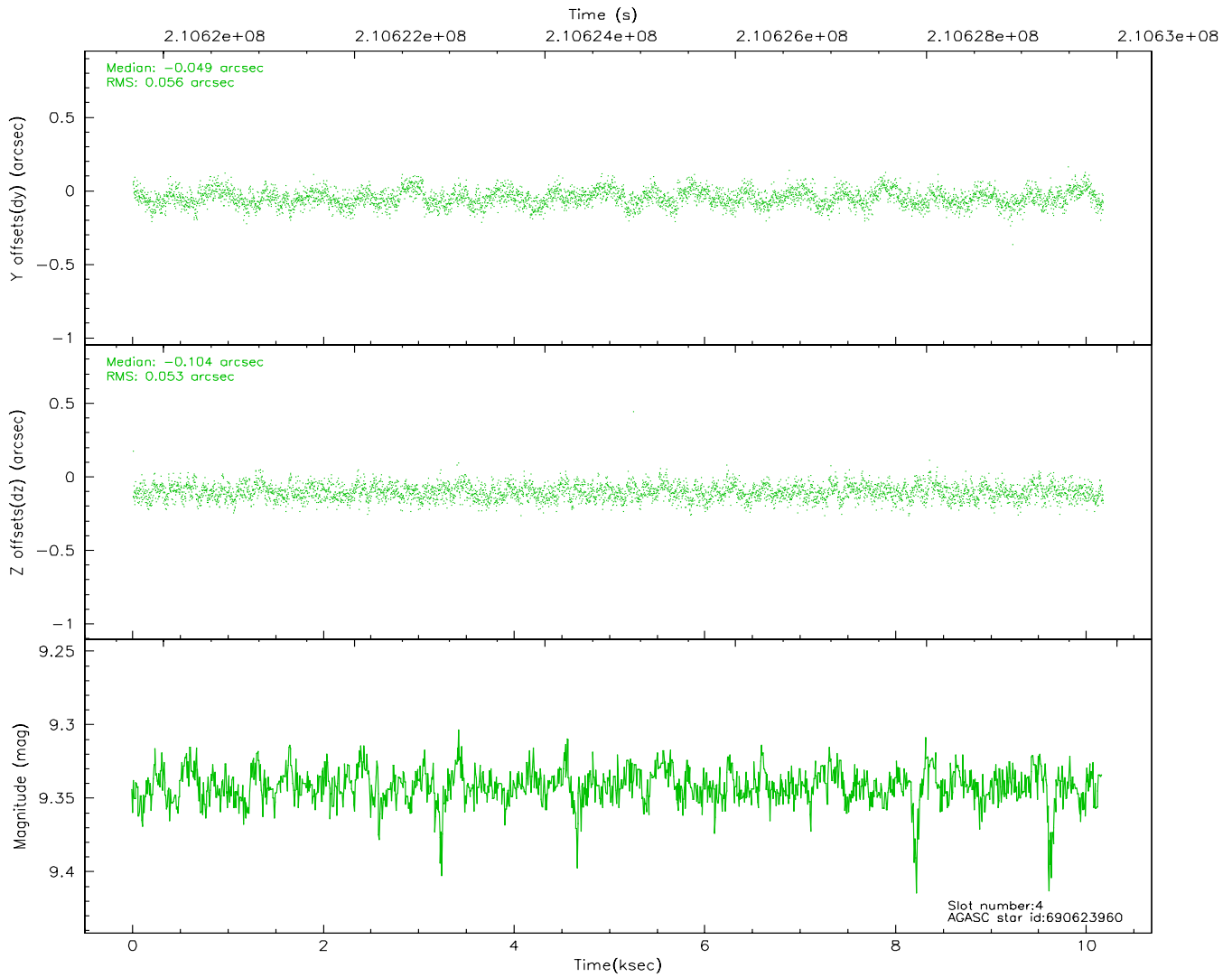
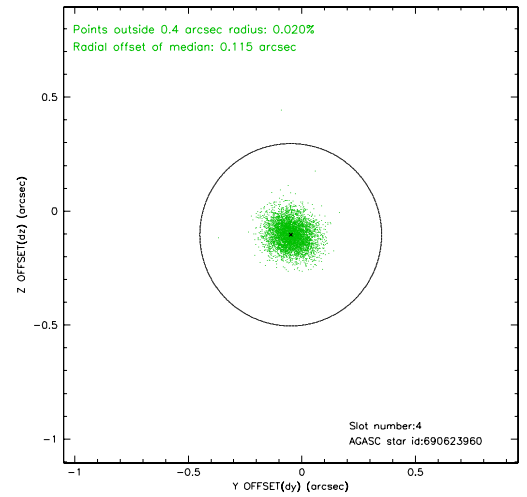
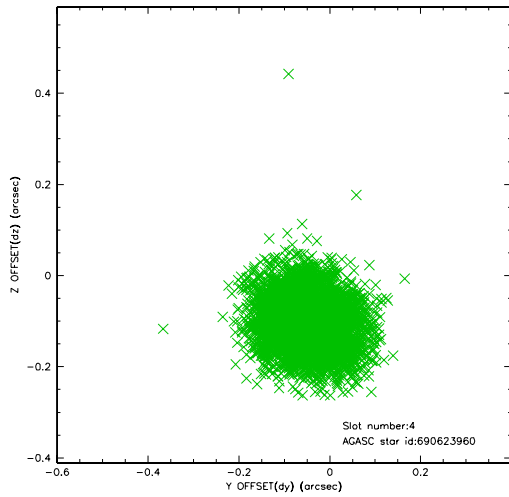
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2480	0.000	0.062	0.006	0.010	0.000000	0.000000	934.51	-831.90
1	FID	ACIS-I-5	7.23	2479	-0.135	0.039	0.006	0.009	0.000000	0.000000	-1813.45	1065.30
2	FID	ACIS-I-6	7.25	2479	0.043	-0.031	0.006	0.011	0.000000	0.000000	399.52	1710.33
3	GUIDE	690623192	8.93	4957	-0.044	0.109	0.100	0.160	11.363175	-9.544394	-1413.08	-2305.86
4	GUIDE	690623960	9.34	4954	-0.049	-0.104	0.082	0.132	10.570675	-9.168103	-146.32	549.44
5	GUIDE	690625776	9.14	4957	-0.020	0.082	0.092	0.149	10.846019	-9.315741	-646.09	-446.13
6	GUIDE	690632656	9.26	4953	0.025	-0.133	0.080	0.130	10.397747	-9.674983	-1989.91	1104.70
7	GUIDE	690636928	9.26	4952	0.089	0.039	0.082	0.140	11.054156	-9.568424	-1533.03	-1211.49

2.4 Star Slots

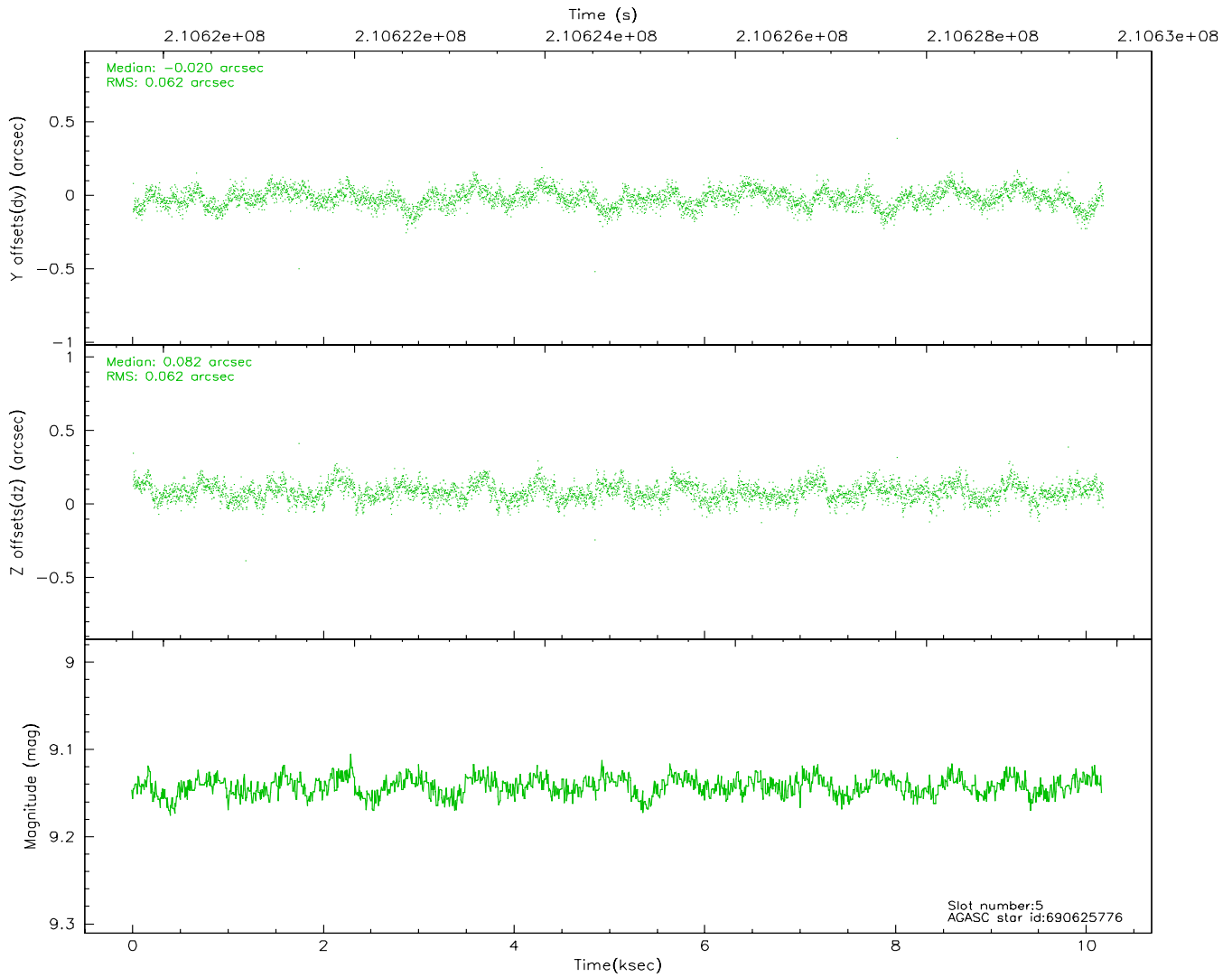
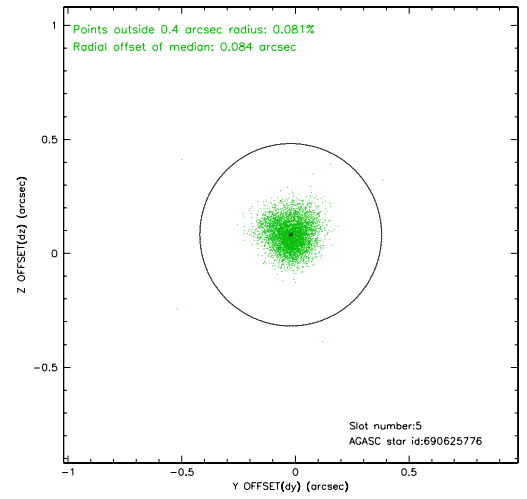
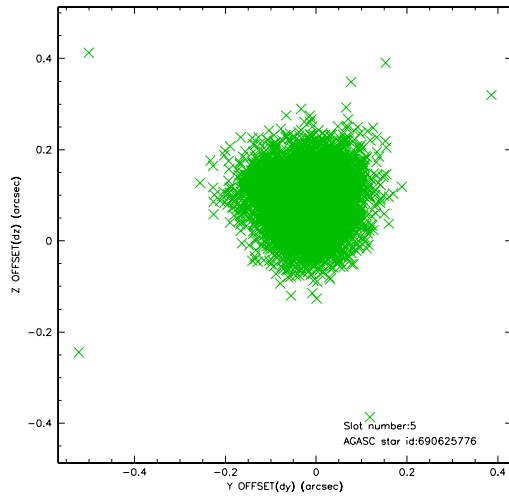
2.4.1 Slot 3



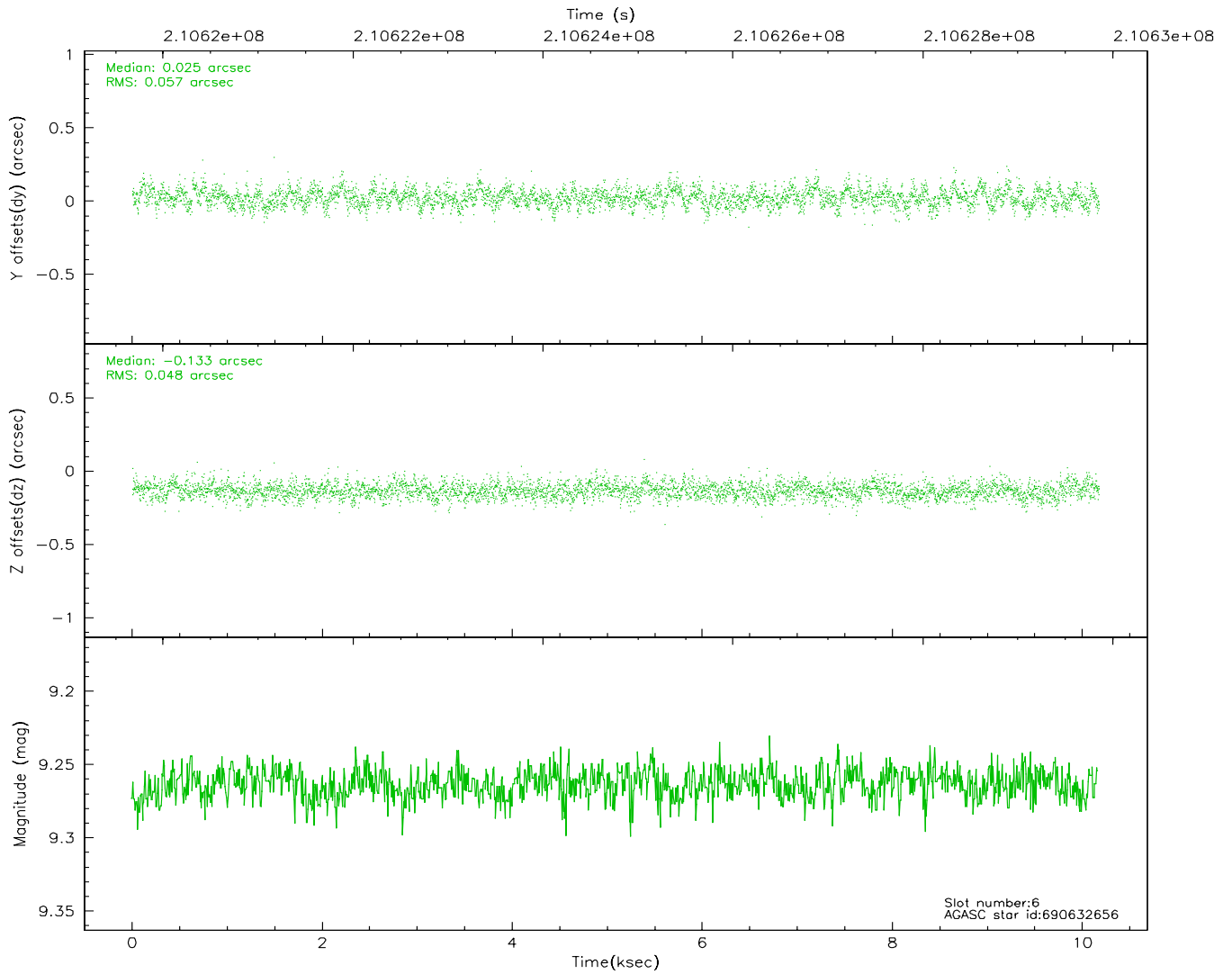
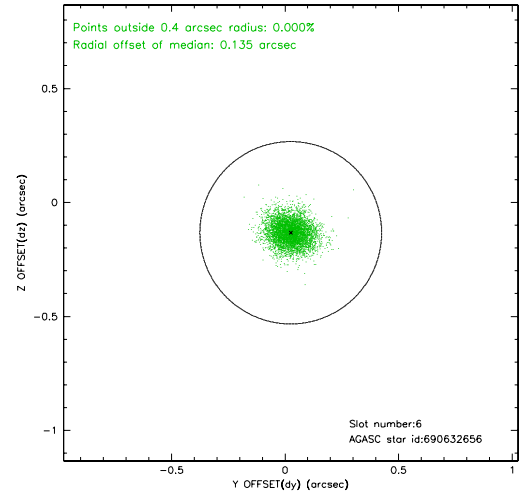
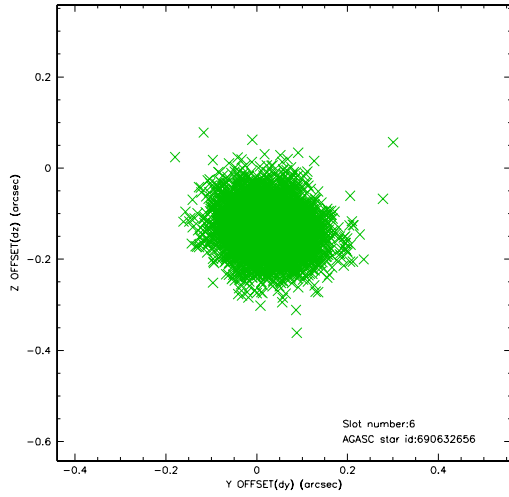
2.4.2 Slot 4



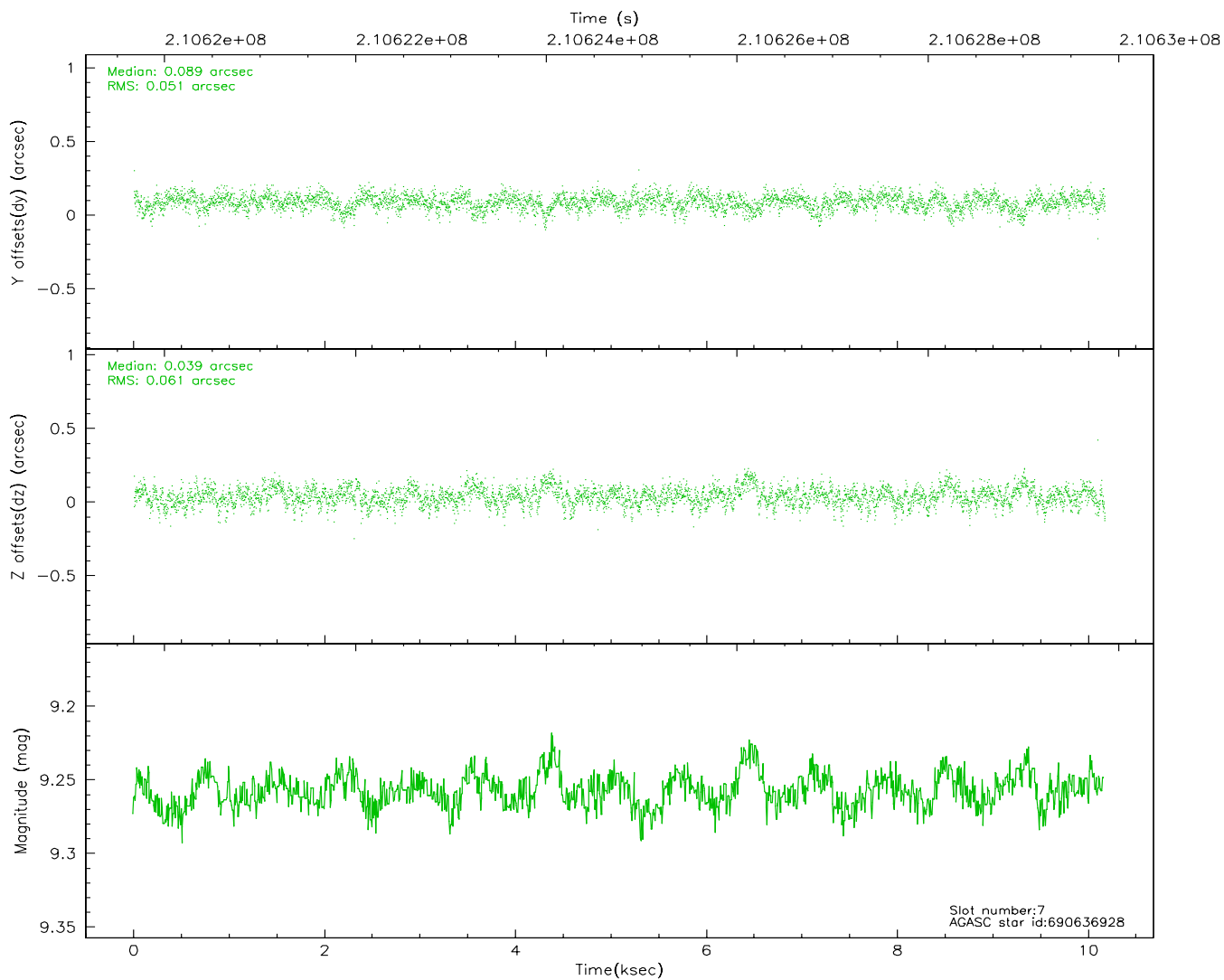
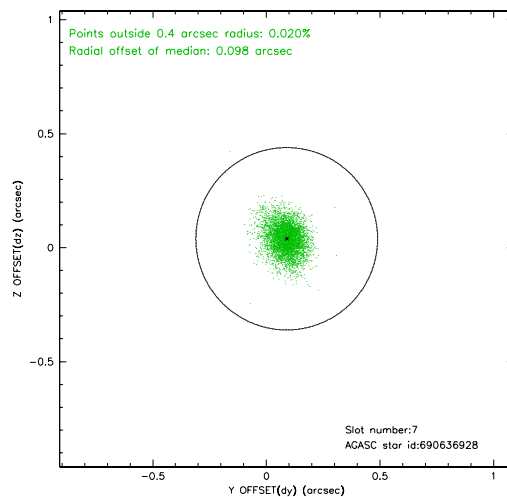
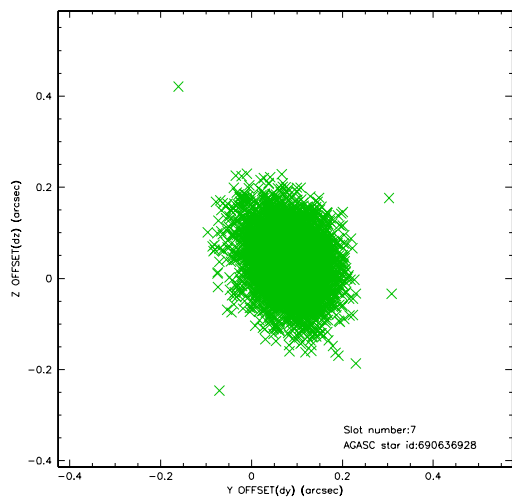
2.4.3 Slot 5



2.4.4 Slot 6

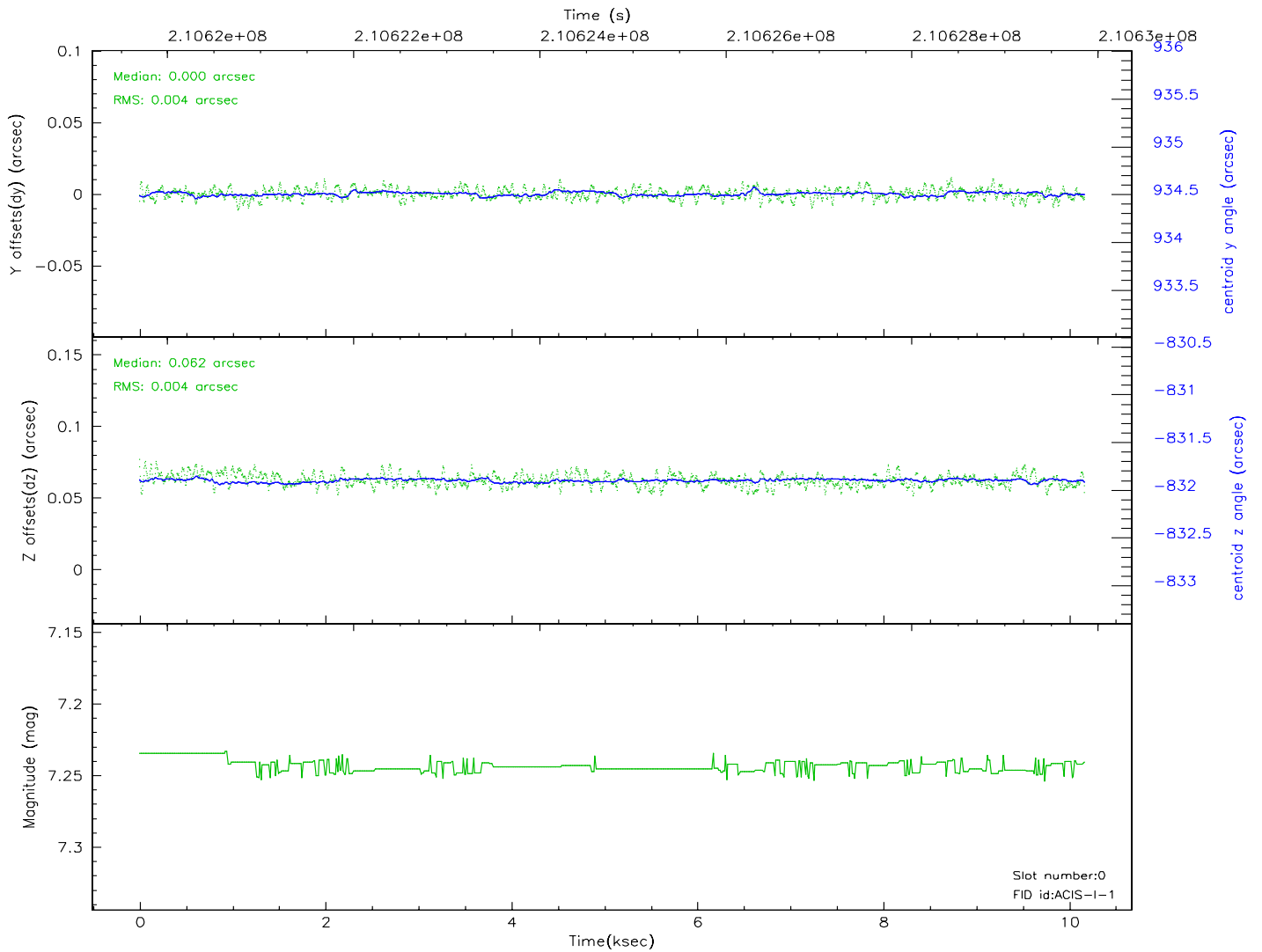
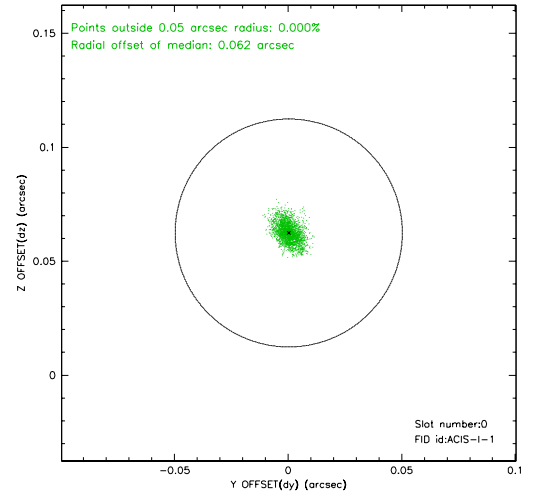
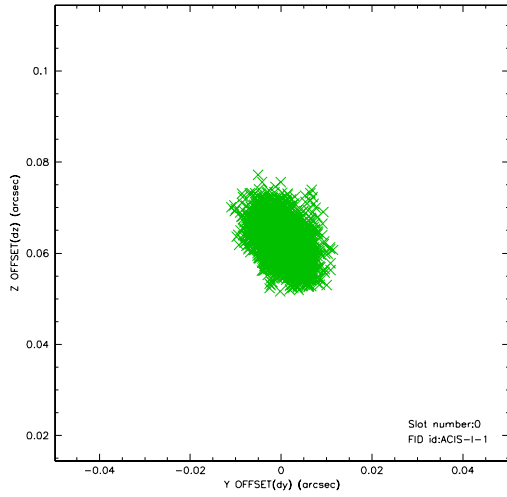


2.4.5 Slot 7

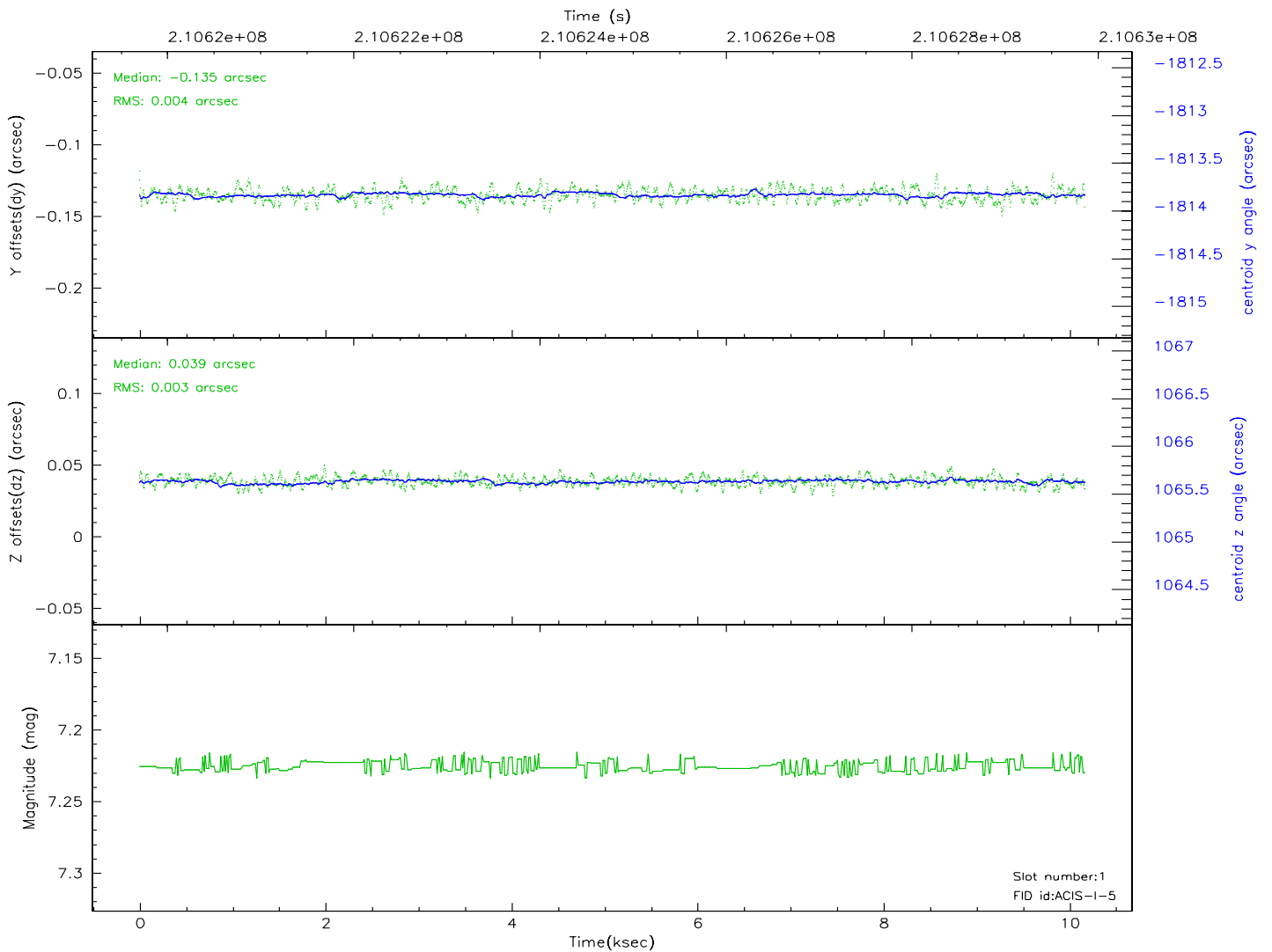
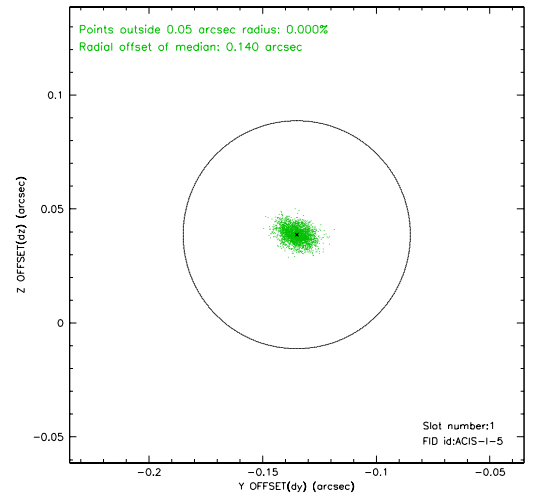
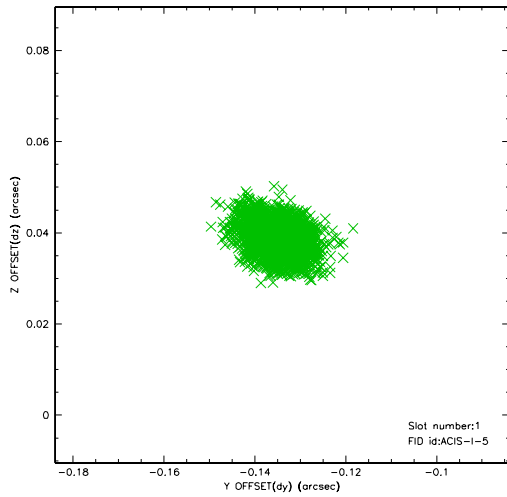


2.5 FID Slots

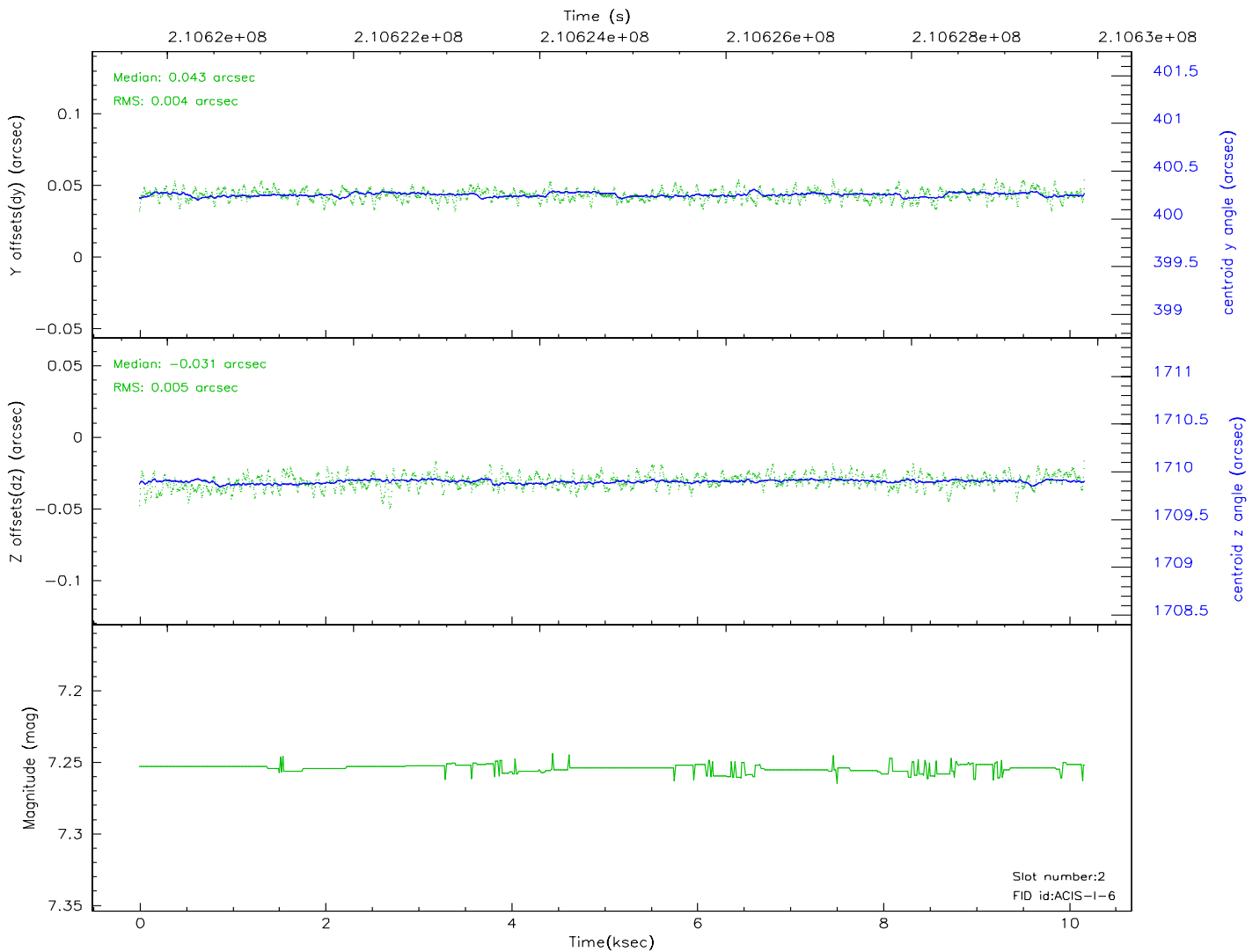
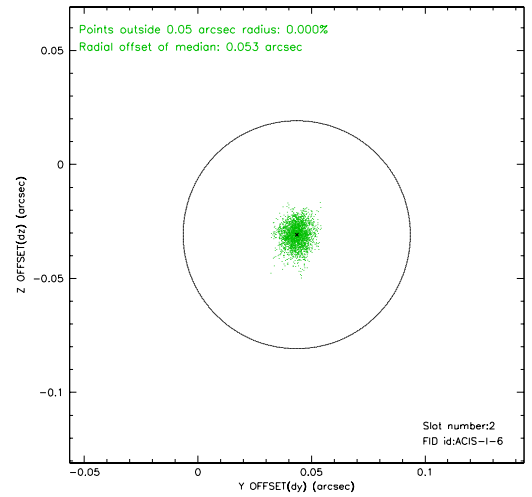
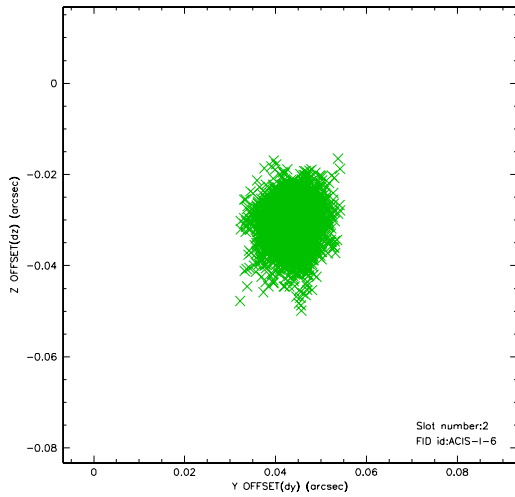
2.5.1 Slot 0



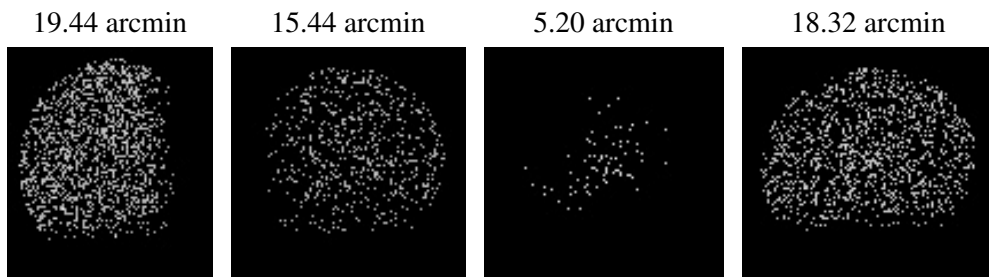
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.74

A.2 Comments