

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6295 - L2 Version 002
Chandra X-Ray Center

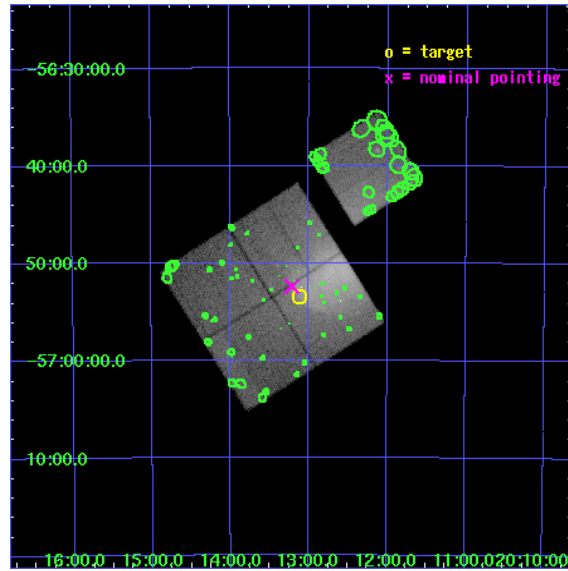
L2 Processing Date : Mar 10 2006

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1 Front

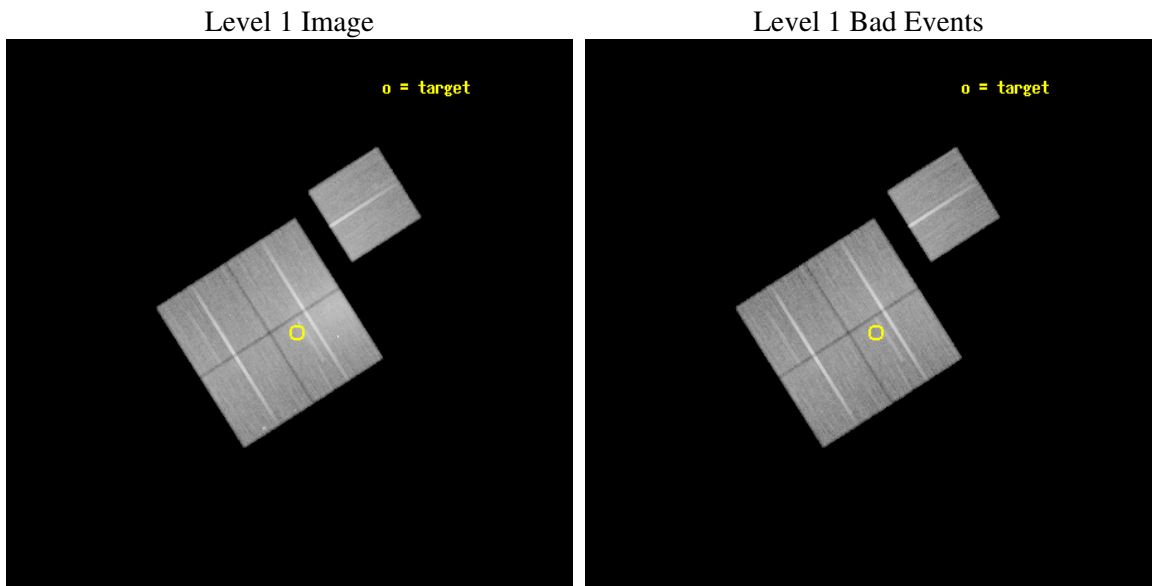
seq_num	800466
obs_id	6295
title	A CHANDRA TREASURY OBSERVATION OF THE BEST EXAMPLE OF A CLUSTER COLD FRONT
observer	Dr Alexey Vikhlinin
object	Abell 3667
dtcycle	0
cycle	P
ra_targ	303.280208
dec_targ	-56.89
ra_nom	303.30366284422
dec_nom	-56.873360179896
roll_nom	57.514373773229
revision	2
ontime	50145.096686929
livetime	49489.914082432
ontime0	50136.094962448
ontime1	50145.517913163
ontime2	50145.517953038
ontime3	50145.096686929
ontime6	50151.799903572
l2events	343477



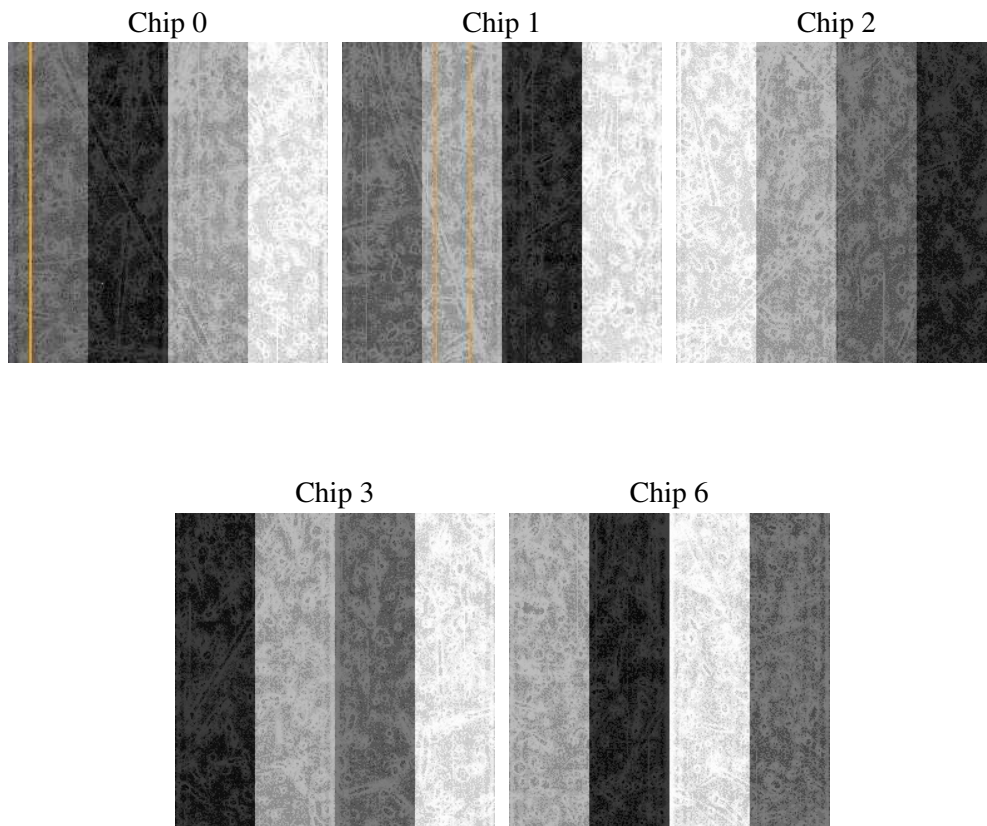
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-10T13:22:15
revision	2

sched_exp_time	50000.000000
ontime	51584.837544262
ontime0	51581.696623802
ontime1	51591.119584411
ontime2	51587.978604198
ontime3	51584.837544262
ontime6	51597.401564926
l1events	1796571

2.1.4 Events

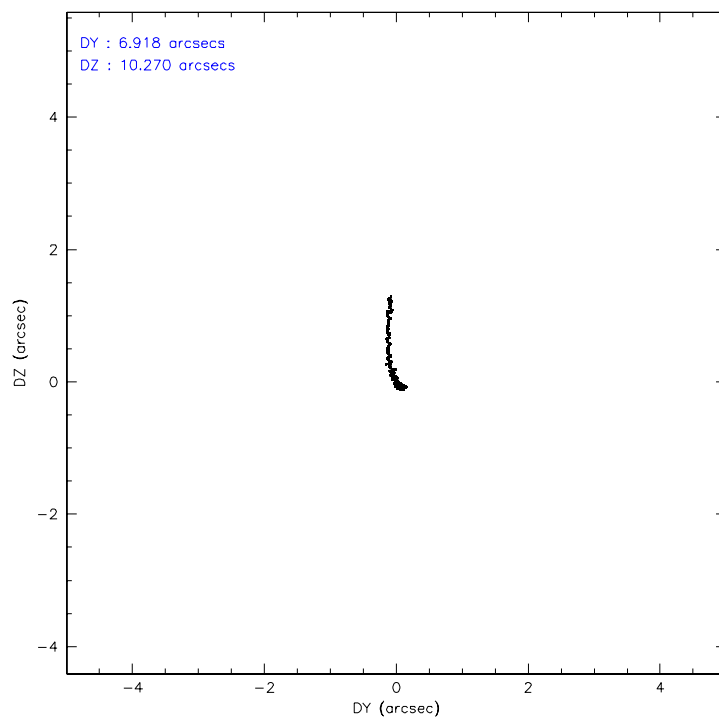
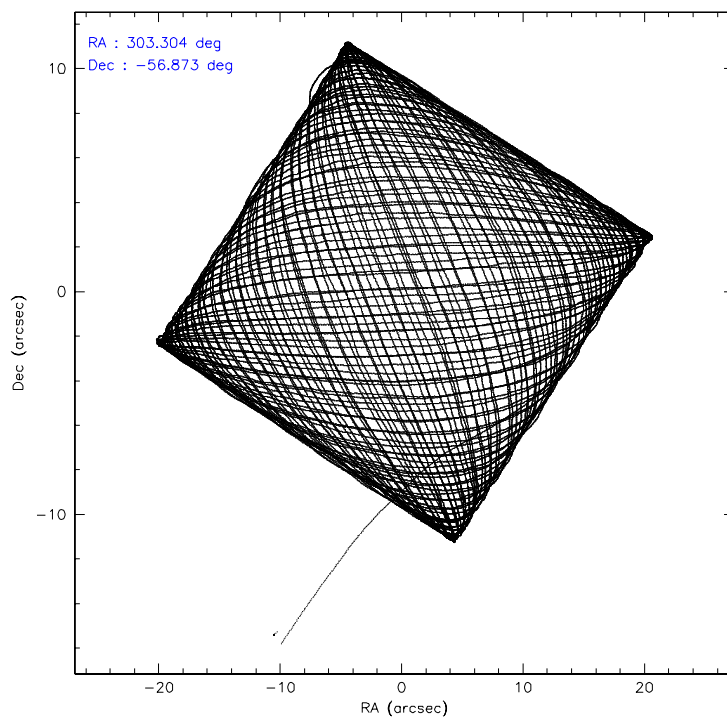
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	308124	318095	379409	437503	353440
rejected events	265411	271039	300731	293144	286485
rejected %	86%	85%	79%	67%	81%

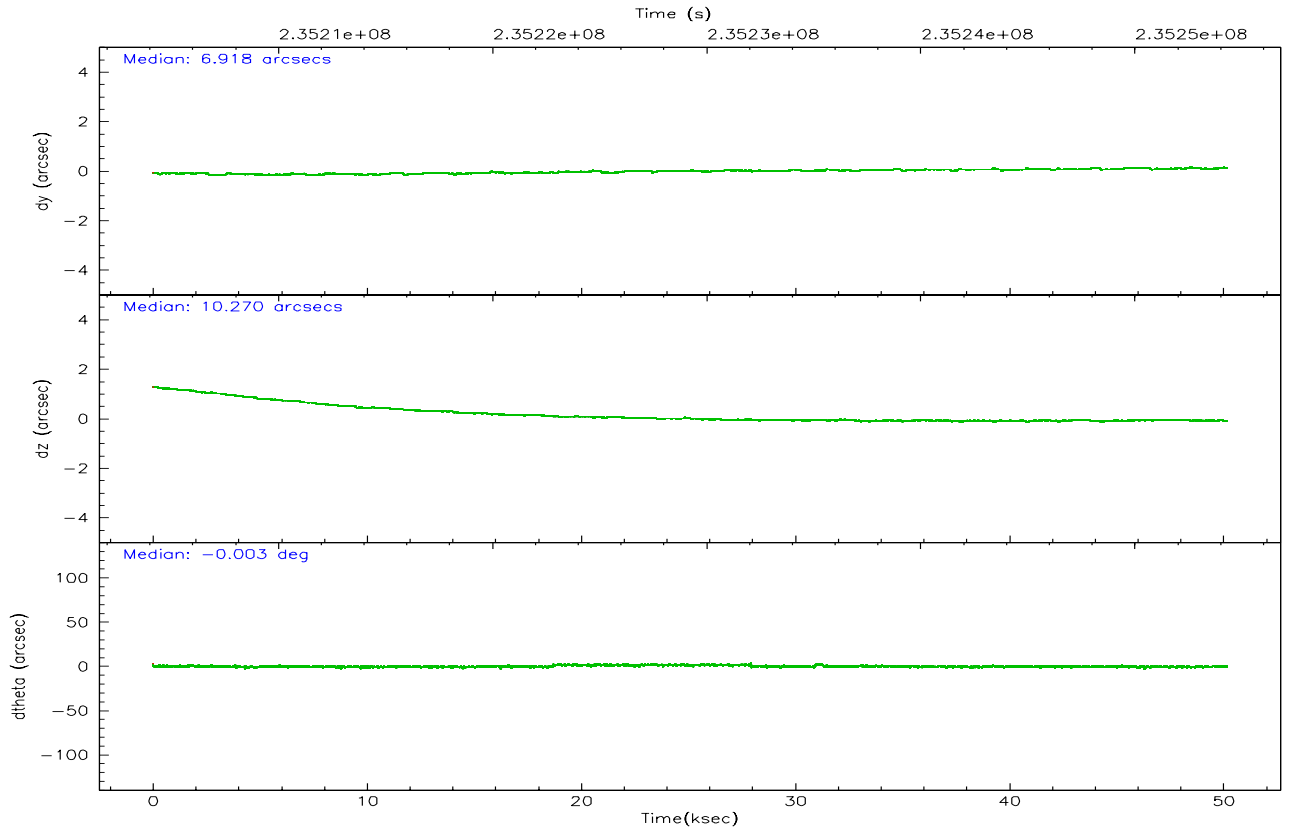
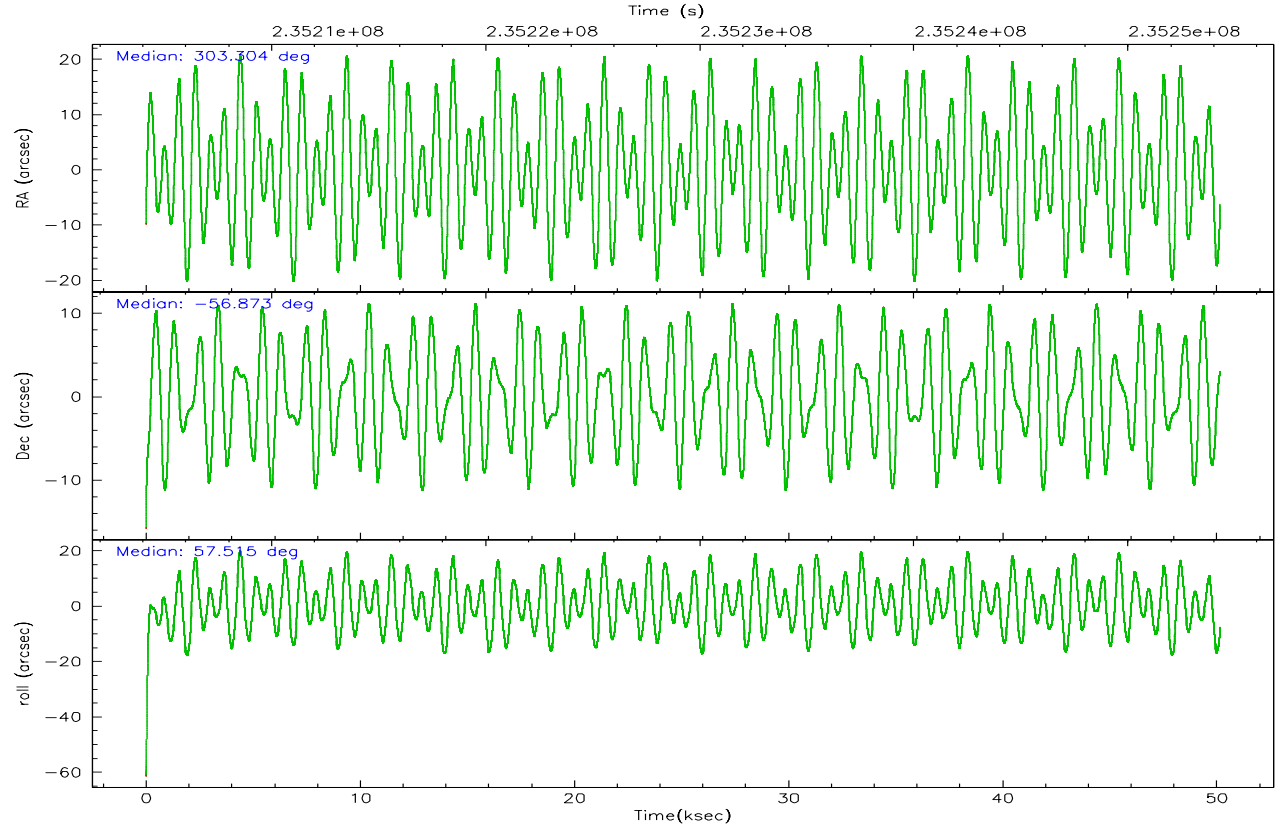
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	20217	23039	50848	105107	40101
	6%	7%	13%	24%	11%
grade 1 events	191	225	382	653	264
	0%	0%	0%	0%	0%
grade 2 events	8888	8980	12137	17829	10617
	2%	2%	3%	4%	3%
grade 3 events	4135	4257	4851	6923	4797
	1%	1%	1%	1%	1%
grade 4 events	3905	4393	4979	7038	4671
	1%	1%	1%	1%	1%
grade 5 events	11666	12308	11064	13213	12823
	3%	3%	2%	3%	3%
grade 6 events	6520	7497	6932	8751	7891
	2%	2%	1%	2%	2%
grade 7 events	252602	257396	288216	277989	272276
	81%	80%	75%	63%	77%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	303.301711	303.3036628442243	Alternating exposures requested	N	N
Pointing Dec	-56.900714	-56.87336017989637	Primary exposure time	0.000000	3.1
Pointing Roll	57.304058	57.51437377322921			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-228.592463	-228.5990329025337			
SIM translation stage offset (mm)	-5	-4.993420100396037			
Observation start time	235204300.184000	235202601.28481			
Observation start date	2005-06-15T06:30:36	2005-06-15T06:03:21			
Observation end time	235254300.184000	235254954.6997			
Observation end date	2005-06-15T20:23:56	2005-06-15T20:35:54			
Read mode	TIMED	TIMED			

2.3 Aspect



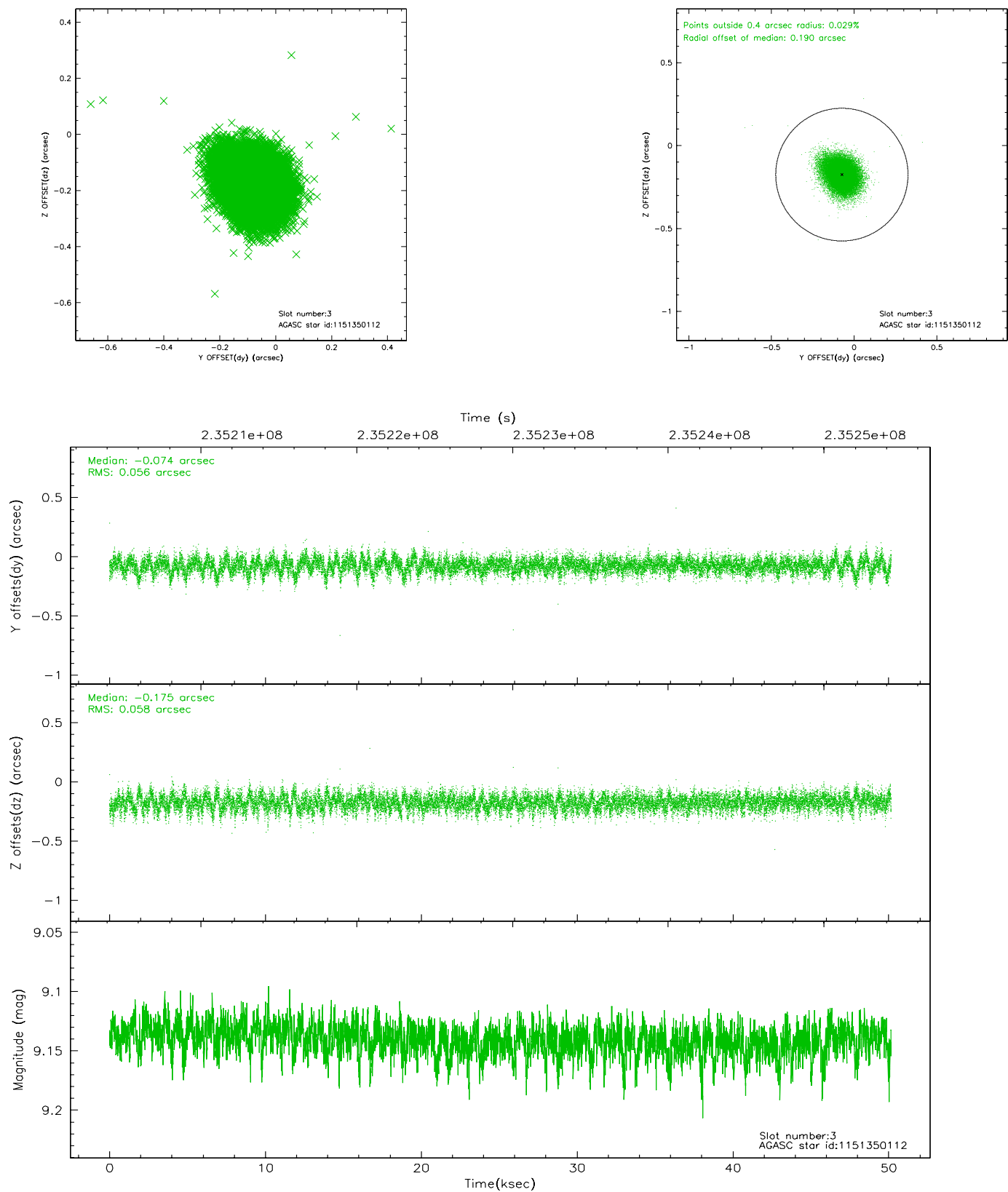


Slot Statistics

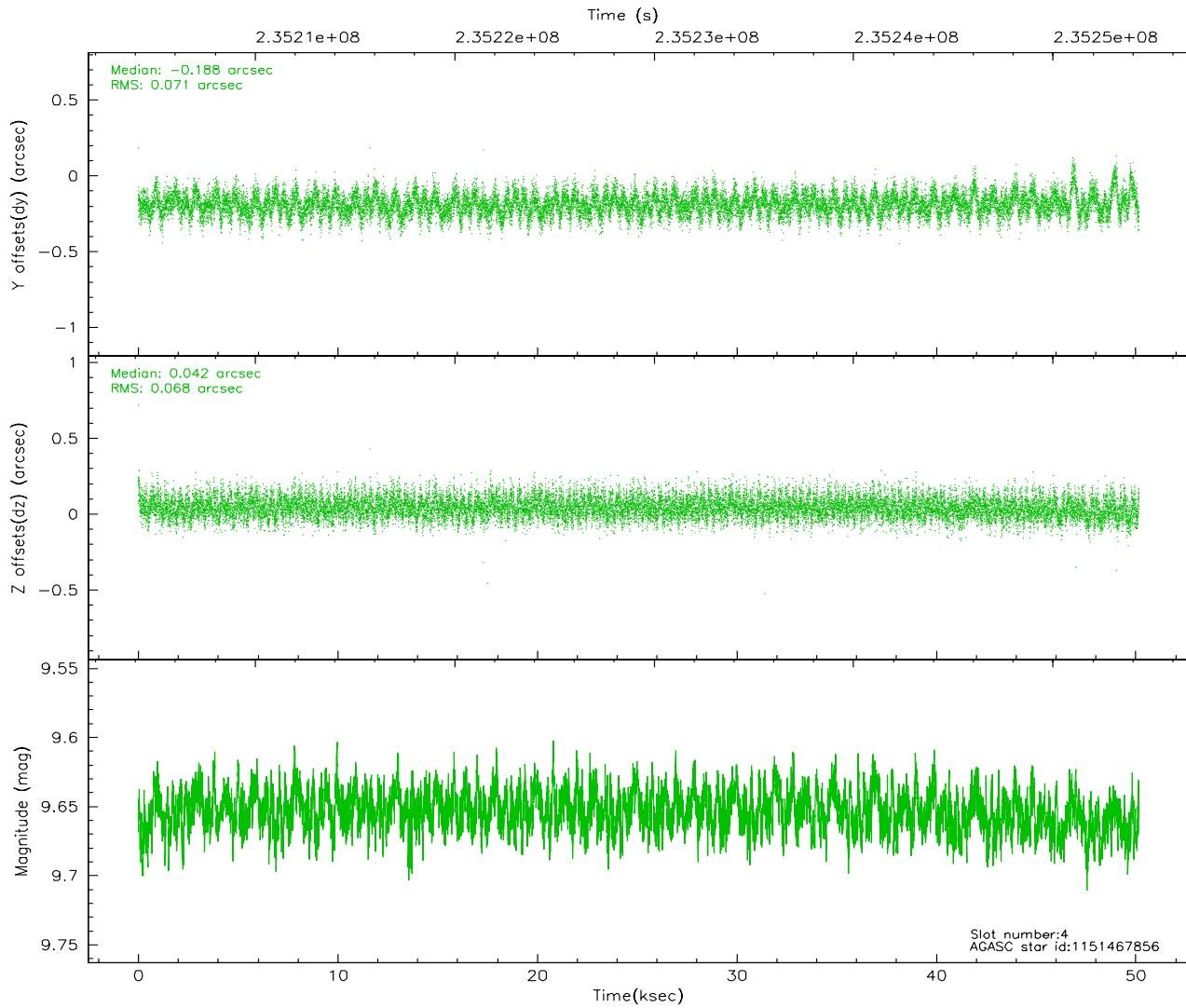
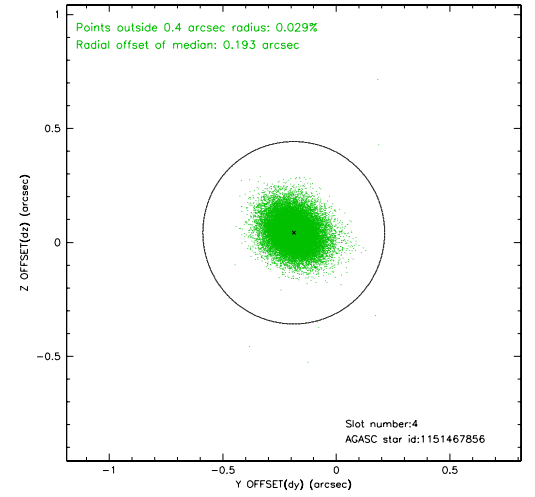
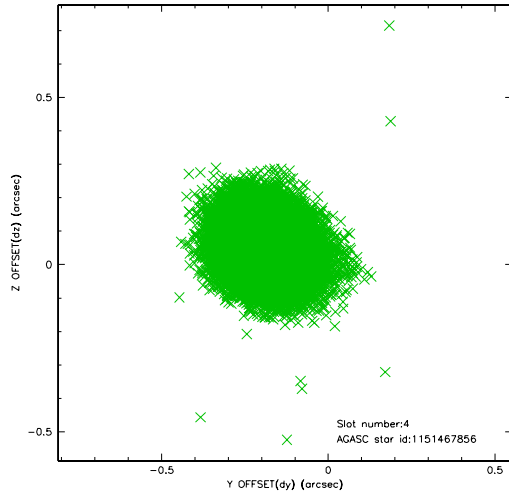
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	7.15	12234	-0.009	0.095	0.017	0.036	0.000000	0.000000	2152.33	964.23
1	FID	ACIS-I-5	7.23	12236	-0.155	0.056	0.010	0.019	0.000000	0.000000	-1815.50	961.26
2	FID	ACIS-I-6	7.26	12236	0.067	-0.083	0.014	0.025	0.000000	0.000000	398.29	1605.49
3	GUIDE	1151350112	9.14	24457	-0.074	-0.175	0.085	0.141	303.241865	-56.846660	100.42	204.18
4	GUIDE	1151467856	9.65	24443	-0.188	0.042	0.104	0.170	303.931677	-56.775960	1044.67	-806.08
5	GUIDE	1151471240	9.45	24448	0.167	0.015	0.087	0.140	303.425045	-57.451391	-1538.85	-1271.94
6	GUIDE	1151472992	9.62	24450	0.002	0.167	0.100	0.160	303.531180	-57.237033	-777.70	-1030.42
7	GUIDE	1151340776	9.13	24455	0.094	-0.047	0.071	0.118	302.320116	-57.331751	-2347.24	759.60

2.4 Star Slots

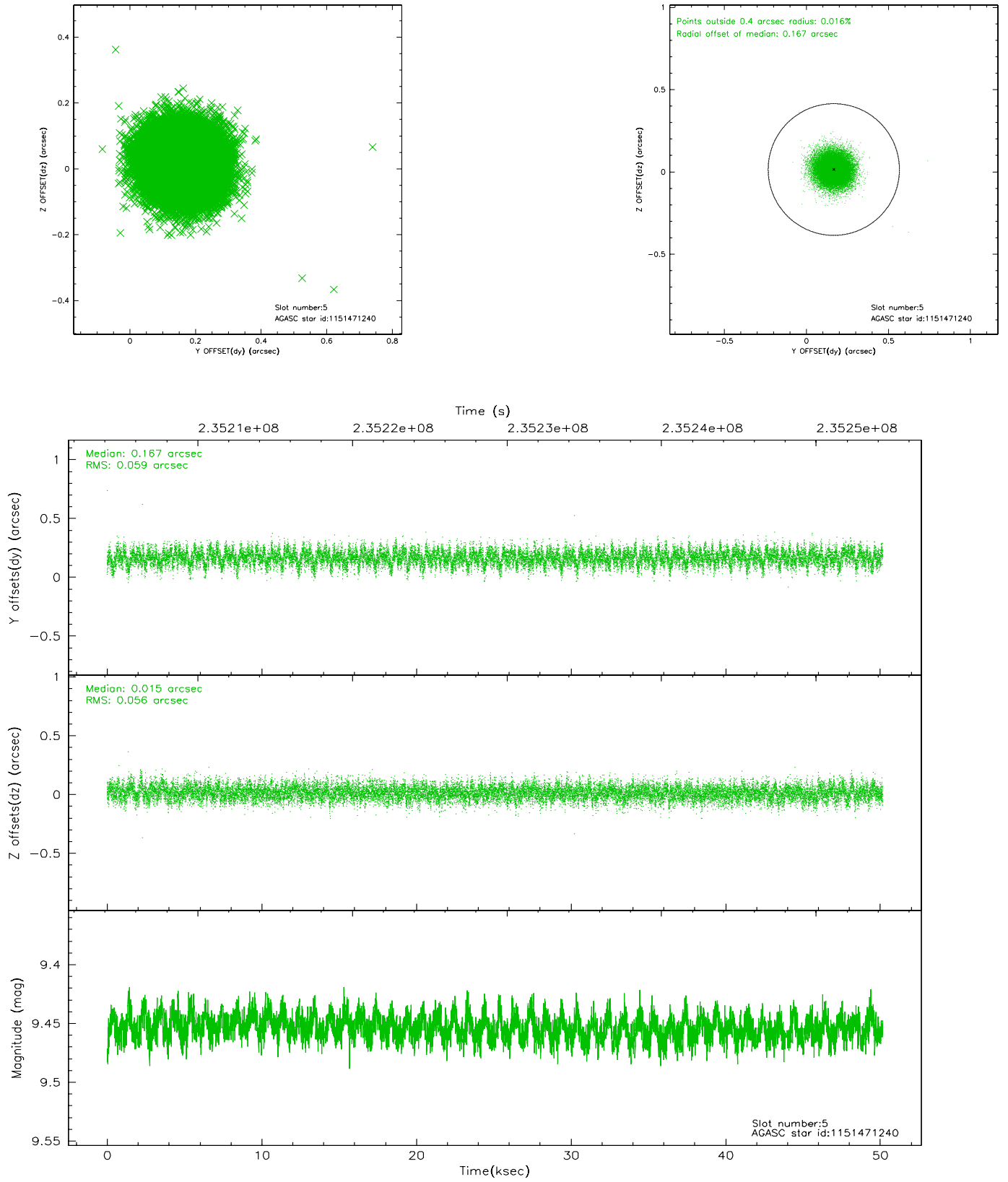
2.4.1 Slot 3



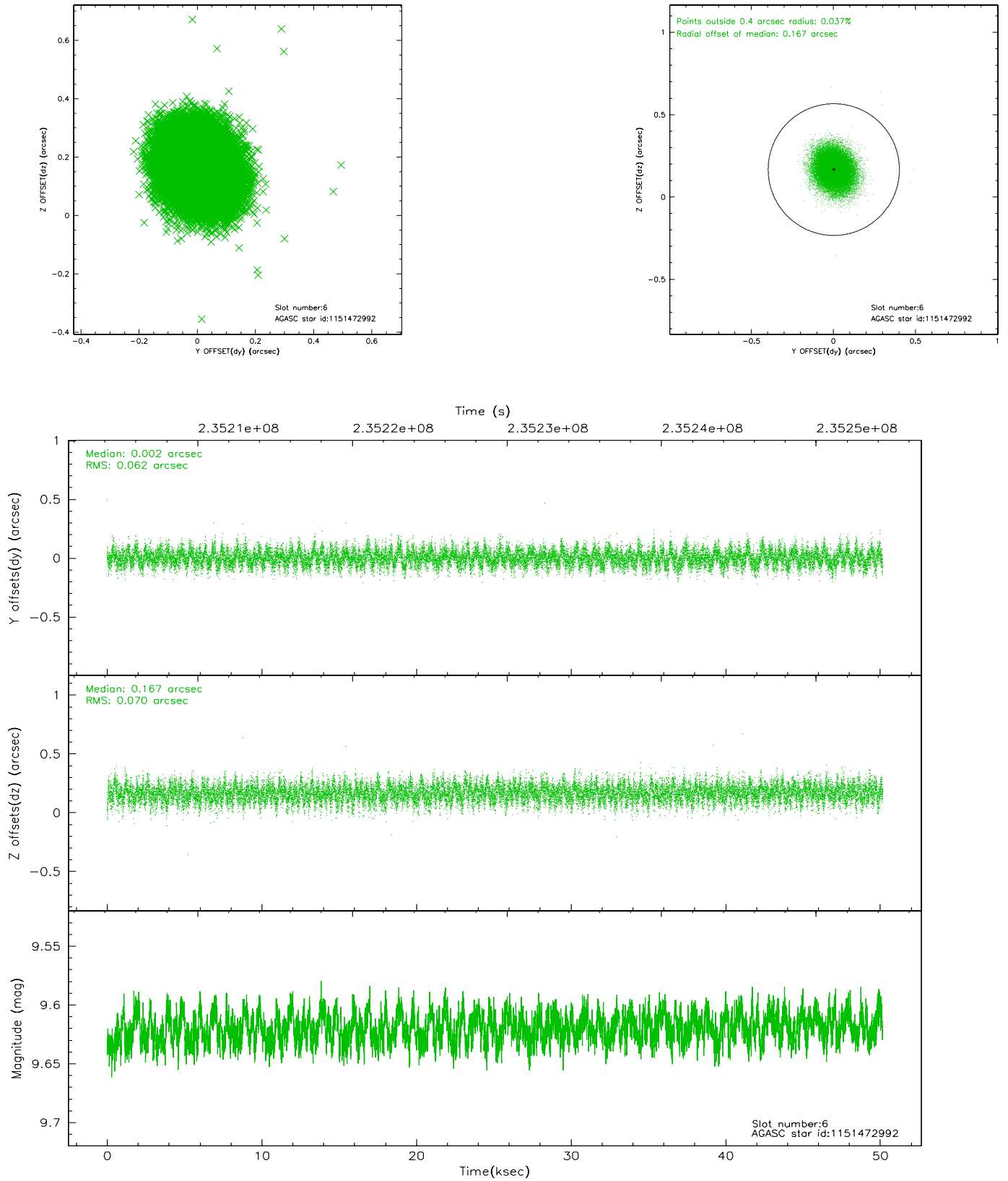
2.4.2 Slot 4



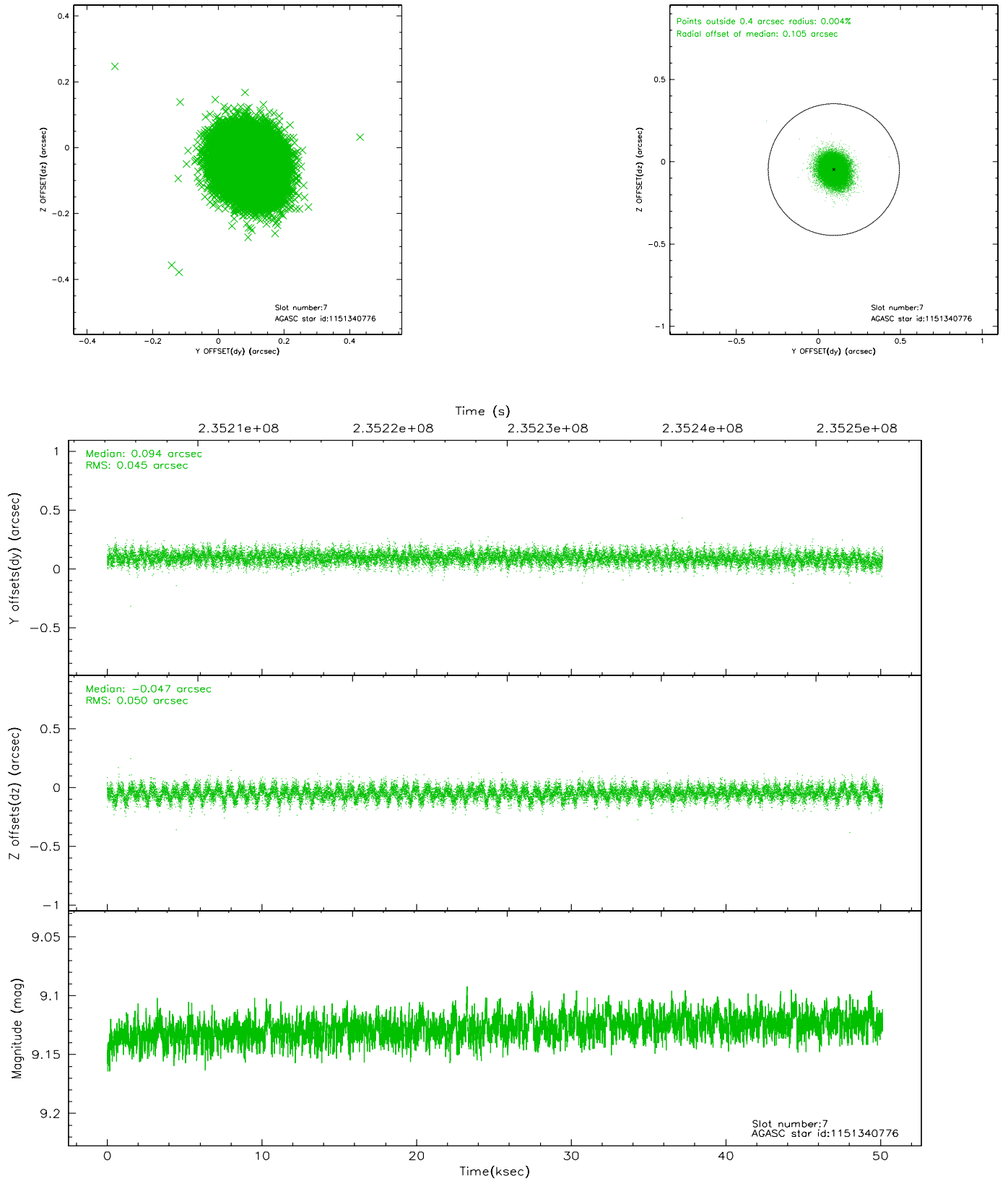
2.4.3 Slot 5



2.4.4 Slot 6

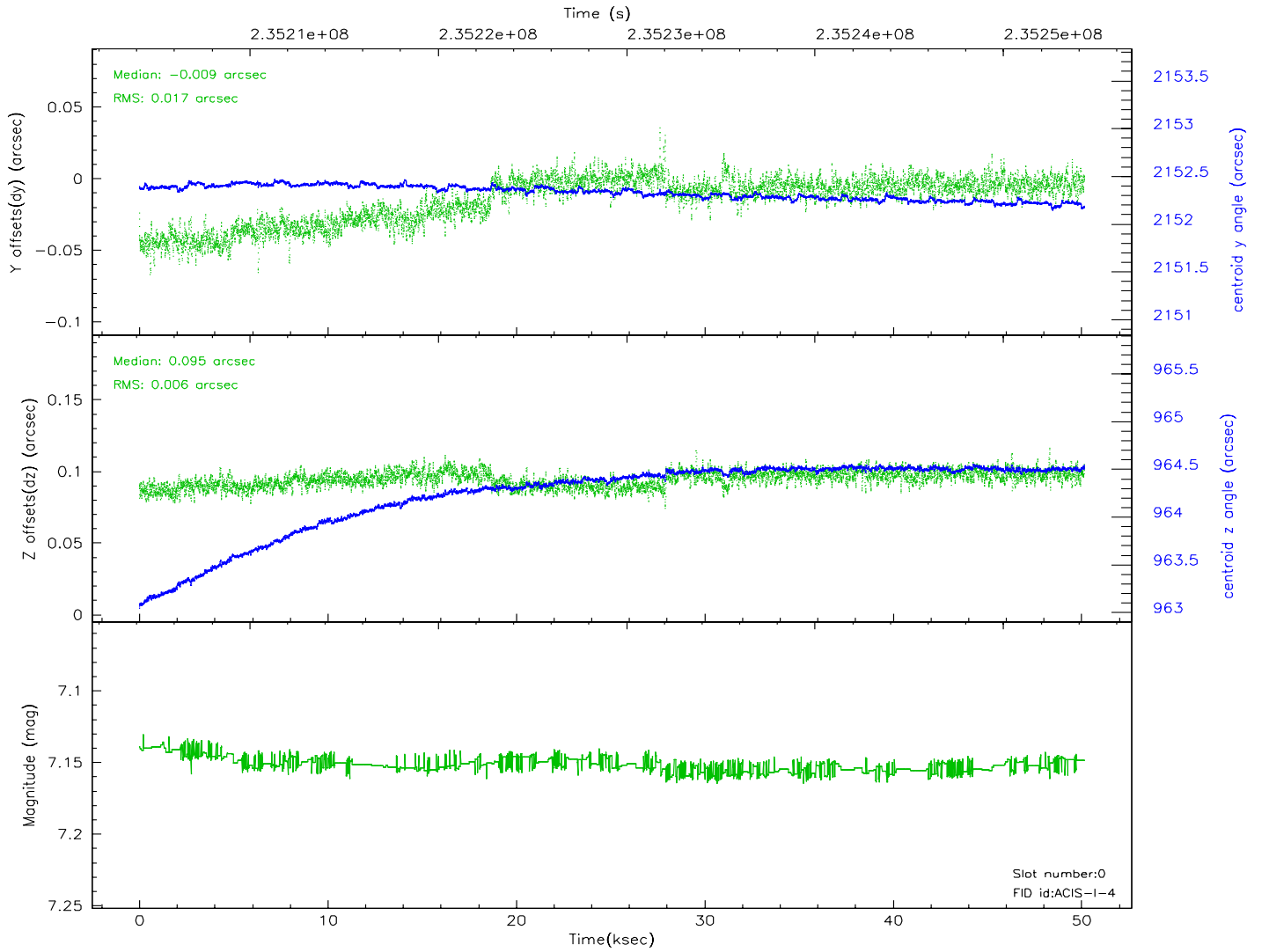
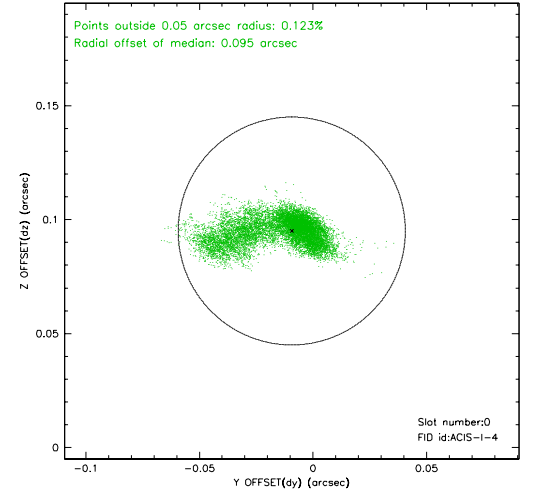
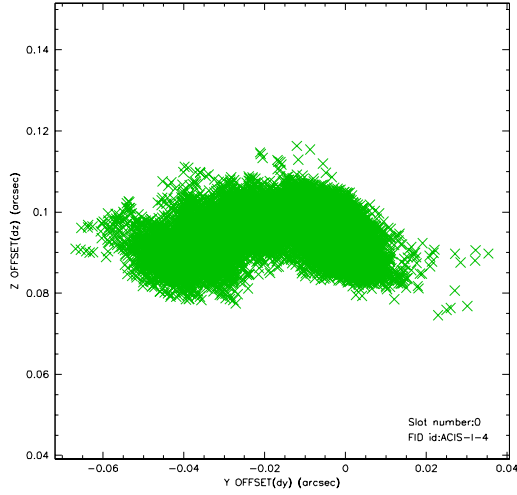


2.4.5 Slot 7

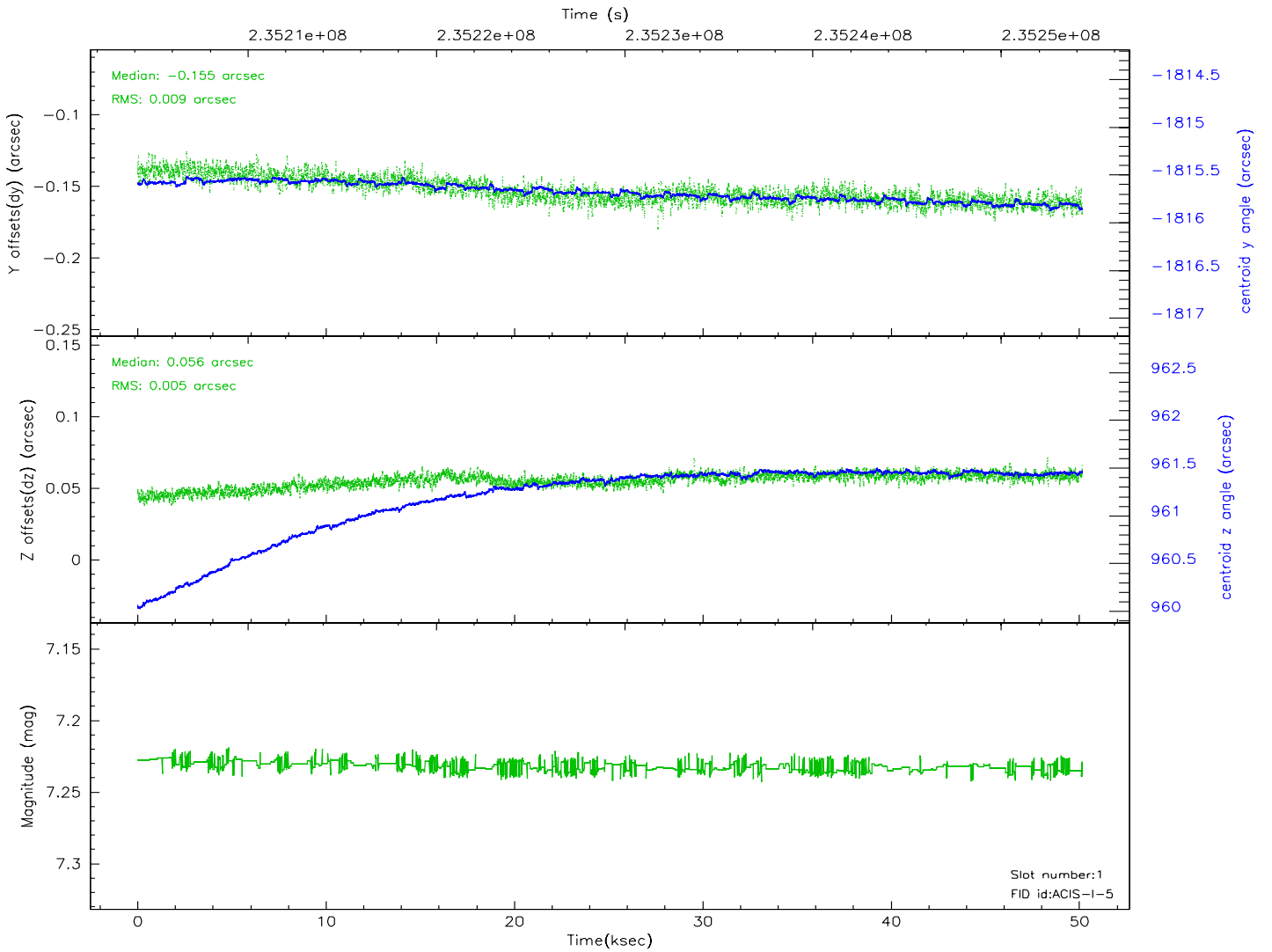
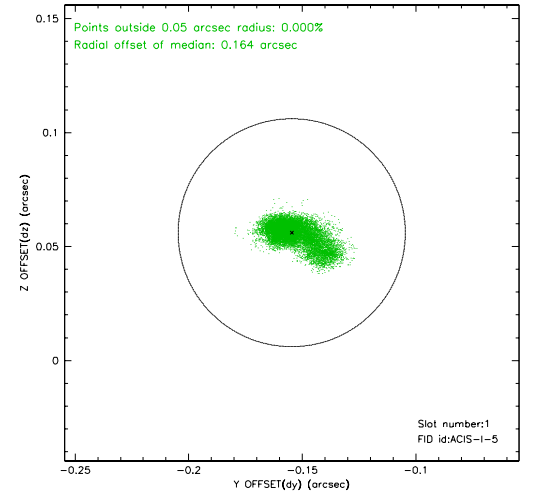
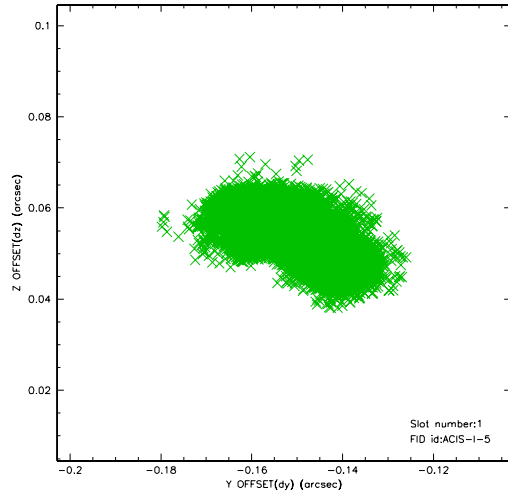


2.5 FID Slots

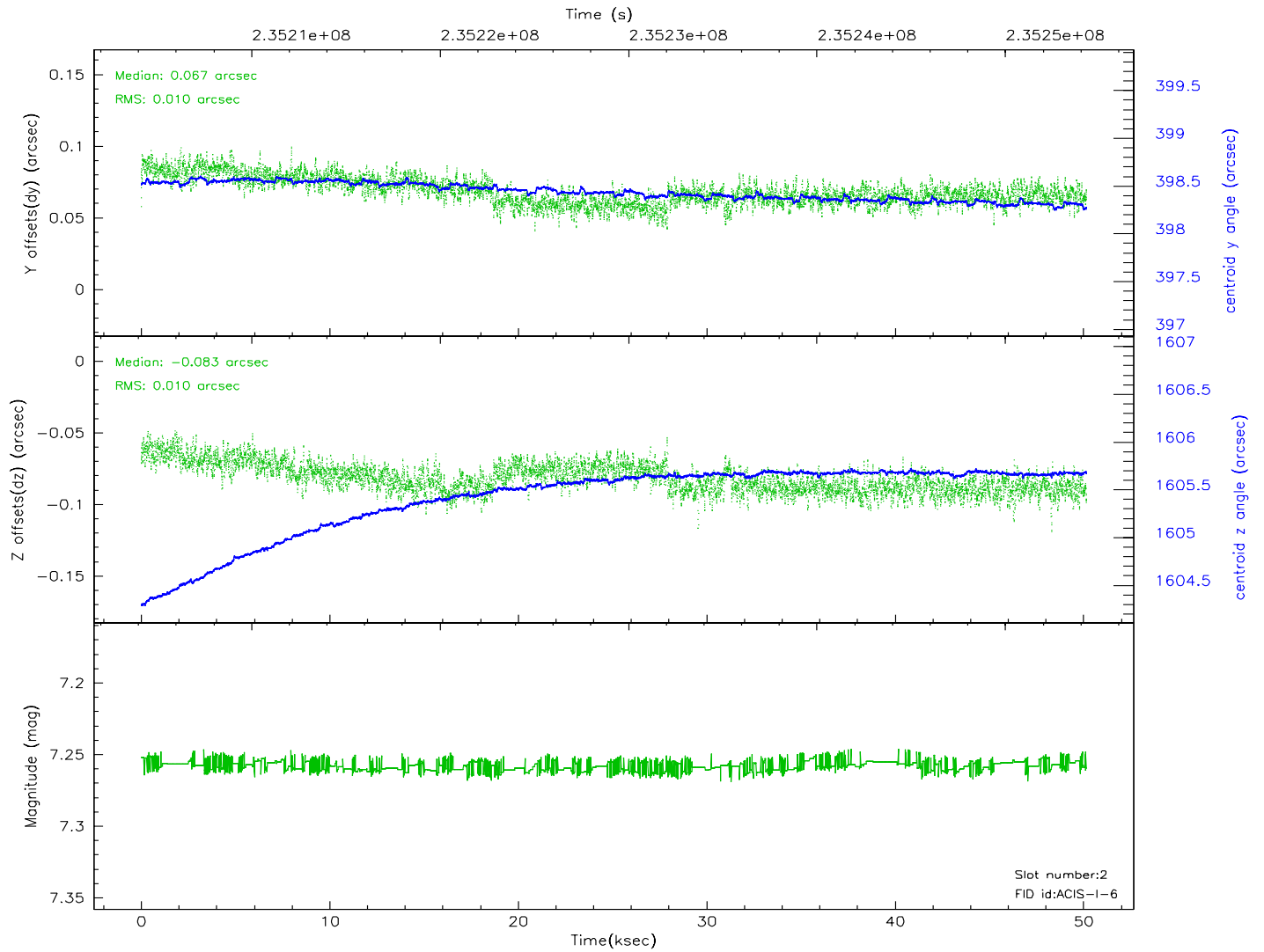
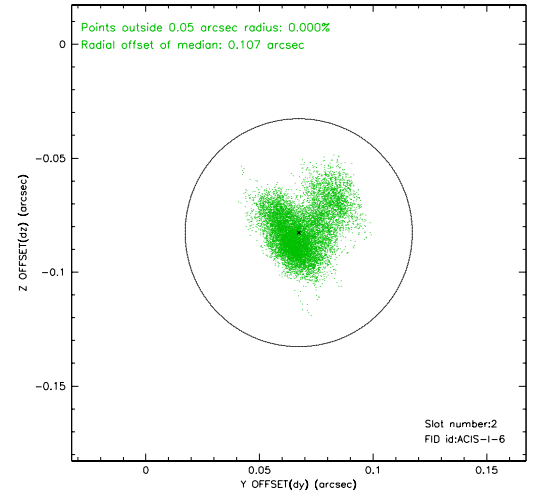
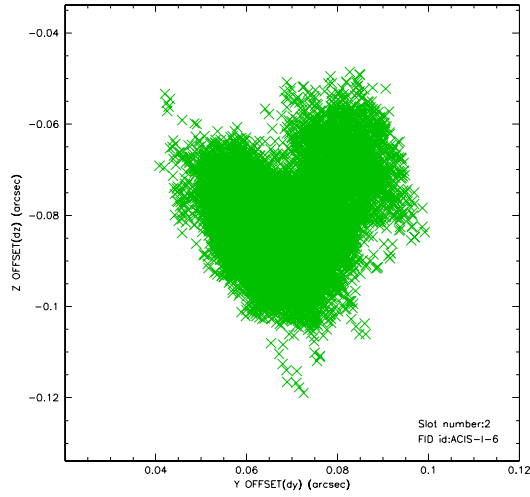
2.5.1 Slot 0



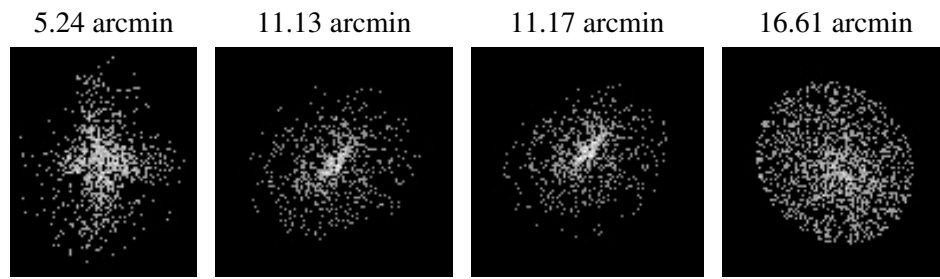
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.14509

A.2 Comments