

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4173 - L2 Version 001
Chandra X-Ray Center

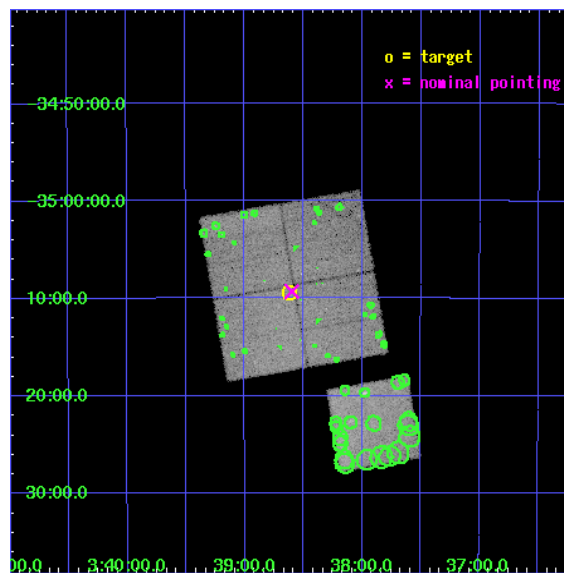
L2 Processing Date : Aug 3 2006

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1 Front

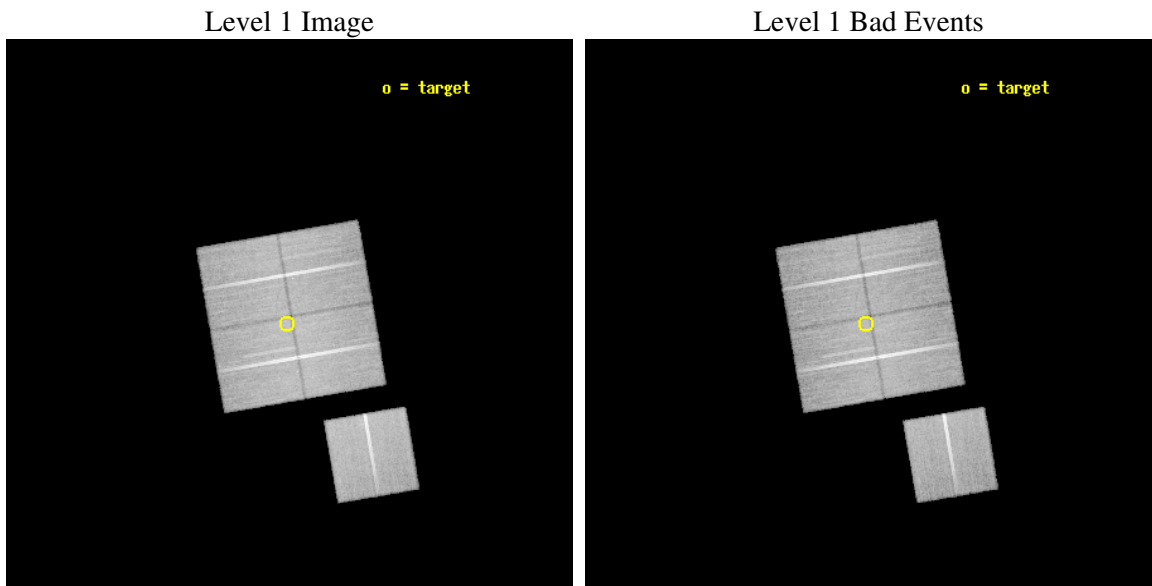
seq_num	800329
obs_id	4173
title	SURVEYING THE FORNAX CLUSTER OF GALAXIES
observer	Dr Caleb Scharf
object	FORNAX CLUSTER
dtcycle	0
cycle	P
ra_targ	54.6542
dec_targ	-35.1577
ra_nom	54.64943998607
dec_nom	-35.155187114368
roll_nom	170.2059426426
revision	2
ontime	45693.917991668
livetime	45096.893313734
ontime0	45684.495071054
ontime1	45697.059051543
ontime2	45684.495031208
ontime3	45693.917991668
ontime6	45693.918031454
l2events	159578



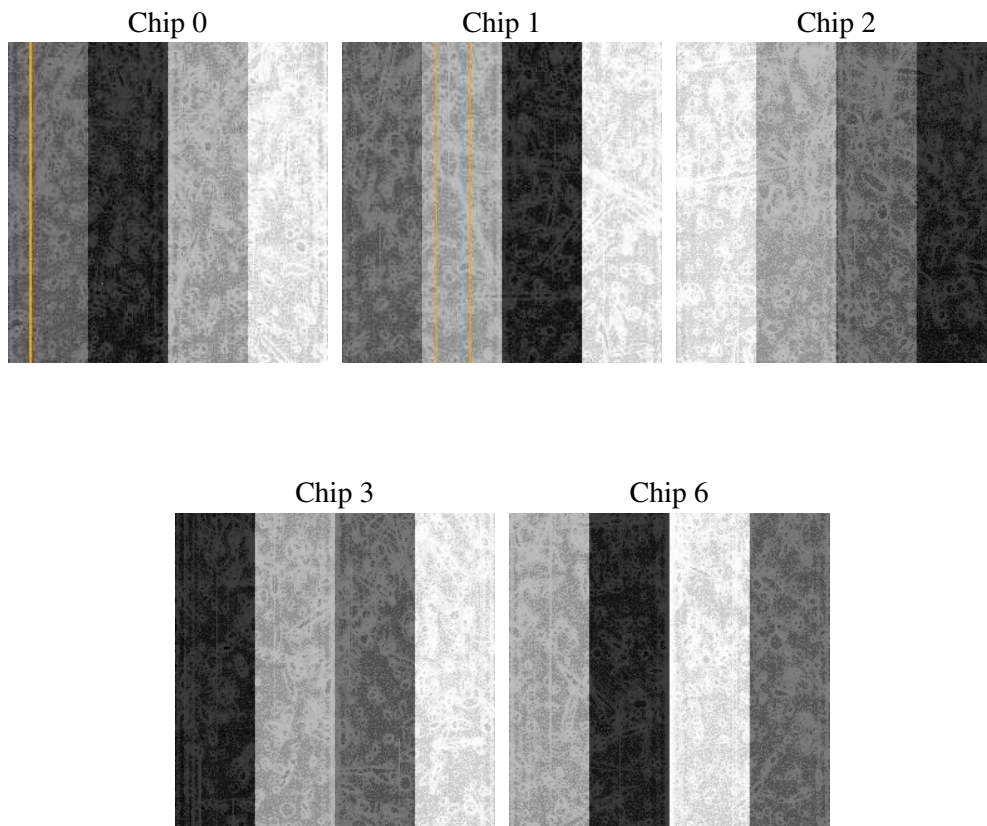
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-08-03T04:06:51
revision	2

sched_exp_time	45927.670000
ontime	45698.420567691
ontime0	45688.997647077
ontime1	45701.561657488
ontime2	45688.997637153
ontime3	45698.420567691
ontime6	45698.420637399
l1events	1262603

2.1.4 Events

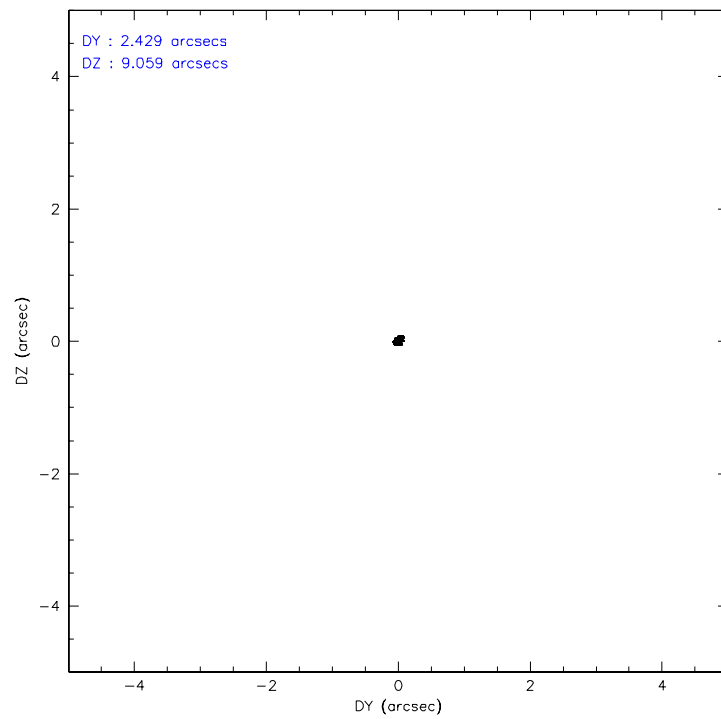
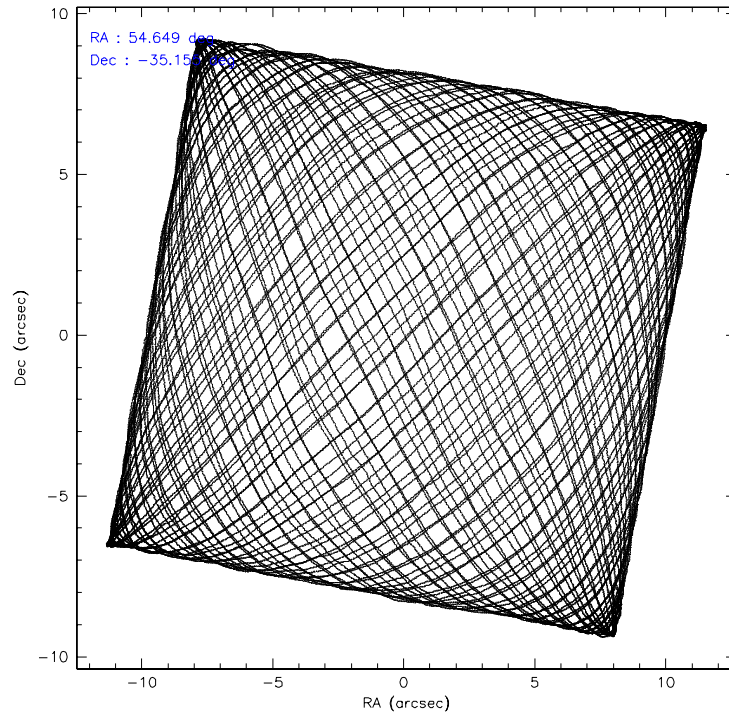
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	236679	241144	264040	258784	261956
rejected events	206357	205942	227310	221815	218081
rejected %	87%	85%	86%	85%	83%

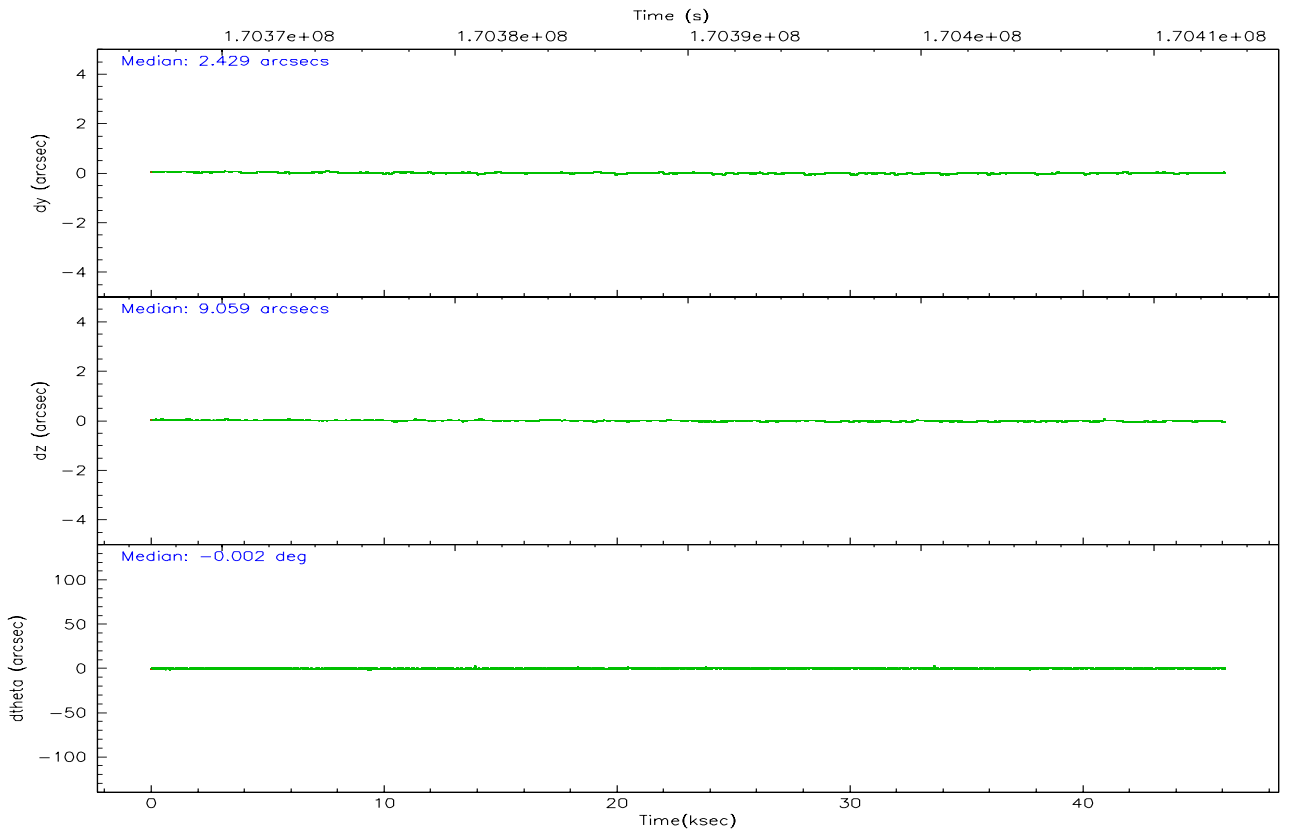
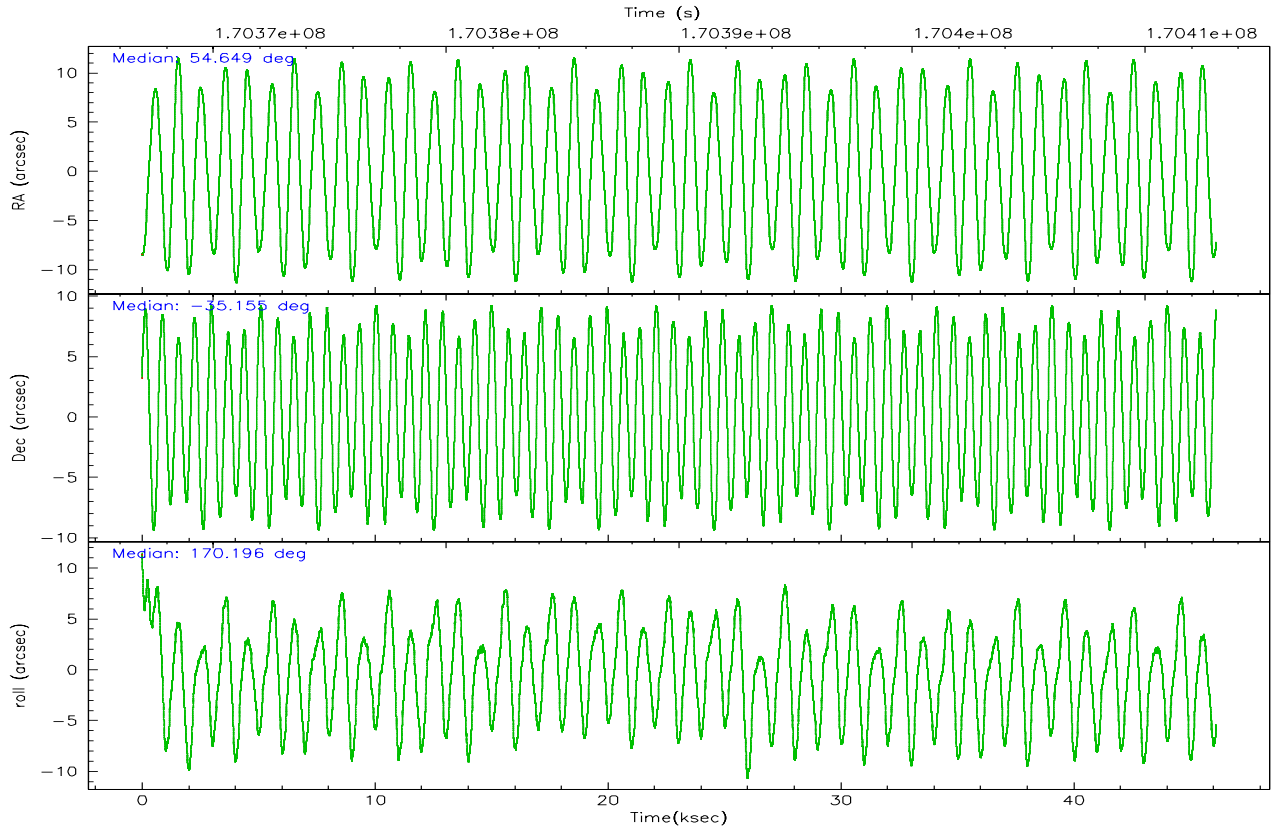
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	13714	16813	19840	20215	25116
	5%	6%	7%	7%	9%
grade 1 events	129	149	180	184	145
	0%	0%	0%	0%	0%
grade 2 events	6124	6463	6513	6101	6868
	2%	2%	2%	2%	2%
grade 3 events	3051	3199	2949	2959	3254
	1%	1%	1%	1%	1%
grade 4 events	2819	3264	2935	3084	3170
	1%	1%	1%	1%	1%
grade 5 events	8526	8924	7887	9398	9310
	3%	3%	2%	3%	3%
grade 6 events	4615	5468	4497	4614	5472
	1%	2%	1%	1%	2%
grade 7 events	197701	196864	219239	212229	208621
	83%	81%	83%	82%	79%

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	54.680810	54.64943998607008	Alternating exposures requested	N	N
Pointing Dec	-35.145620	-35.15518711436815	Primary exposure time	0.000000	3.1
Pointing Roll	170.015318	170.2059426425957			
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	170367129.184000	170366753.86035			
Observation start date	2003-05-26T20:11:05	2003-05-26T20:05:53			
Observation end time	170413057.184000	170413371.88733			
Observation end date	2003-05-27T08:56:33	2003-05-27T09:02:51			
Read mode	TIMED	TIMED			

2.3 Aspect



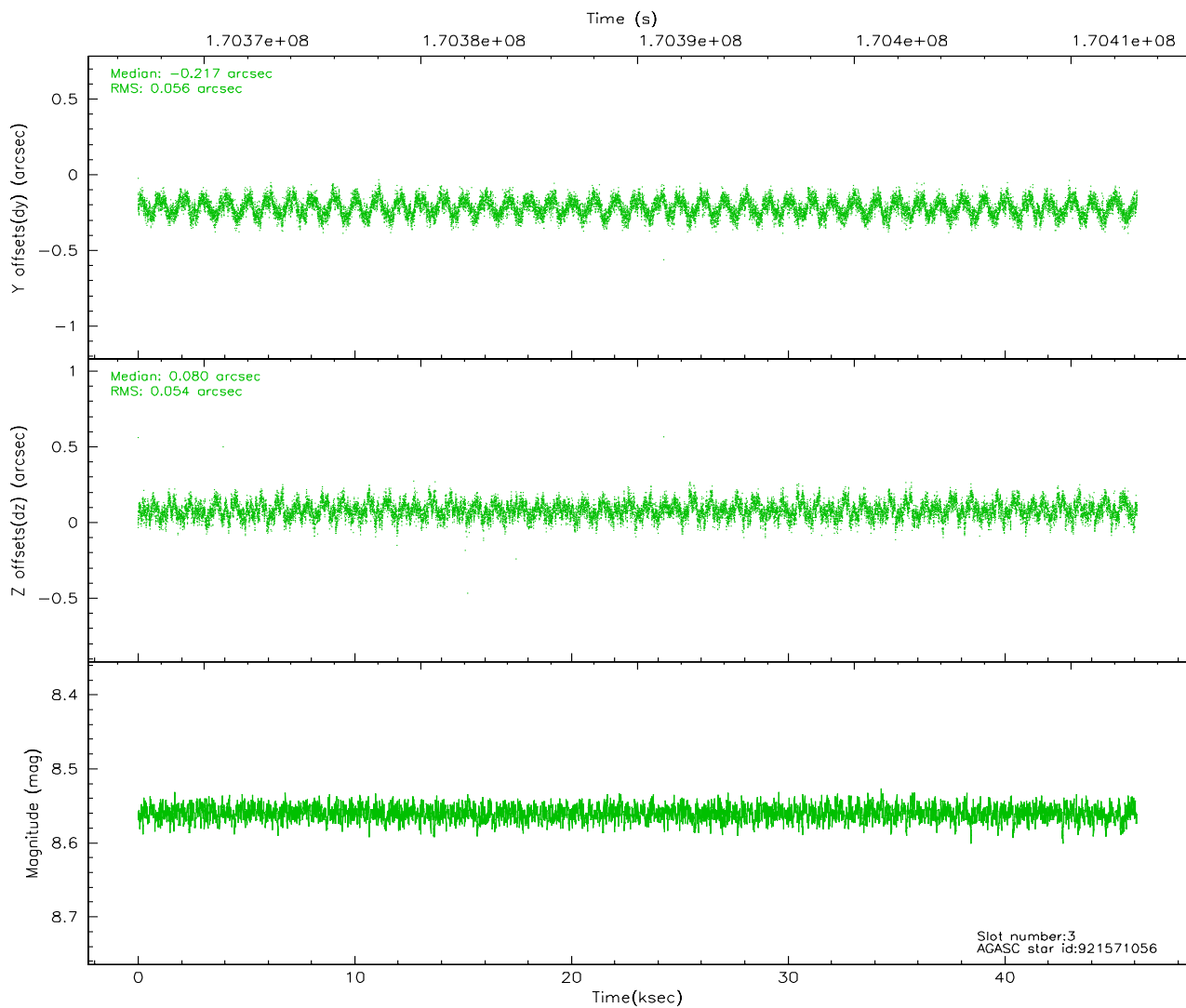
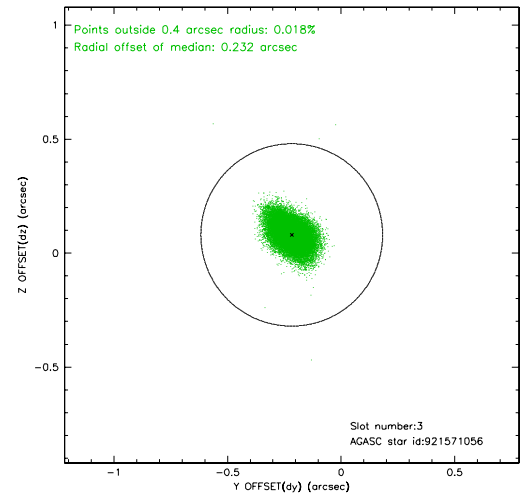
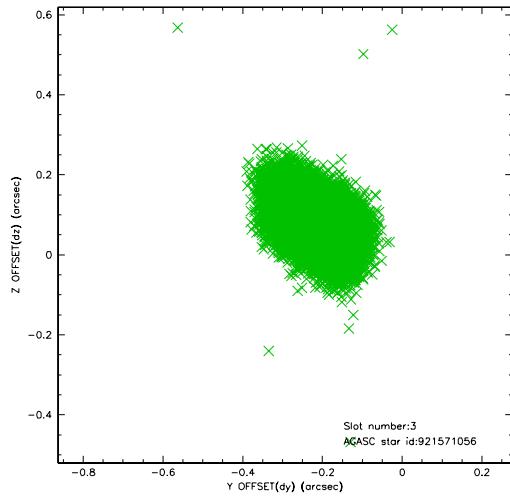


Slot Statistics

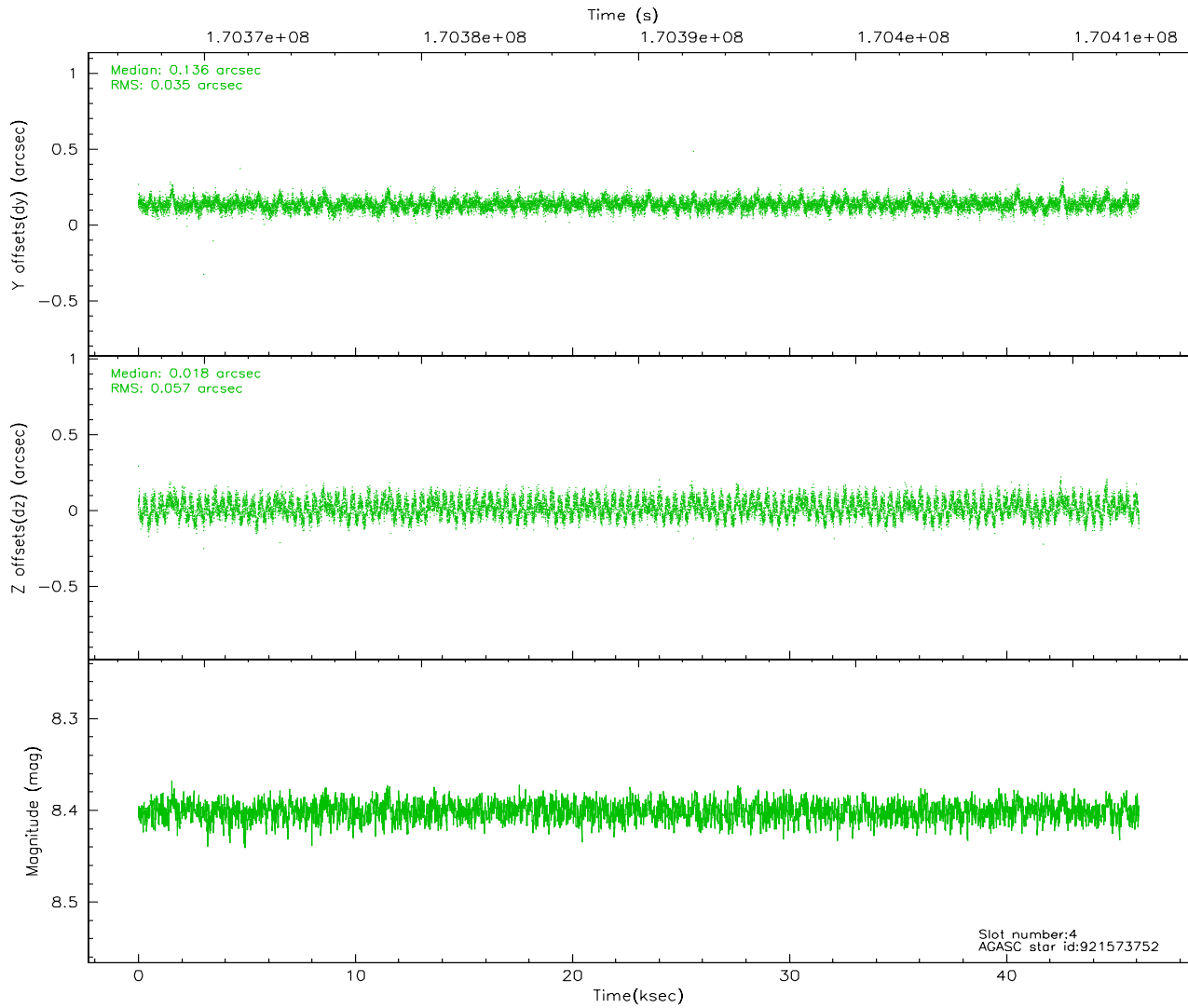
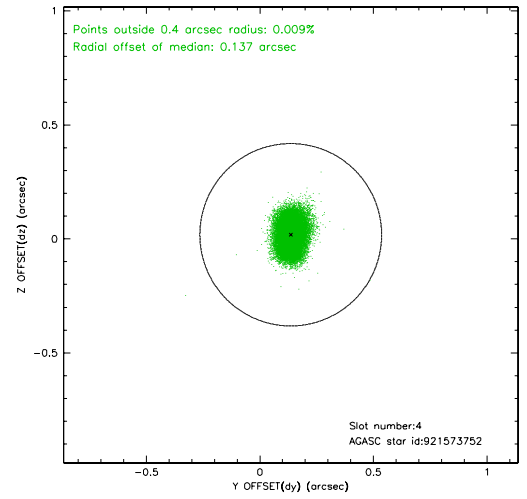
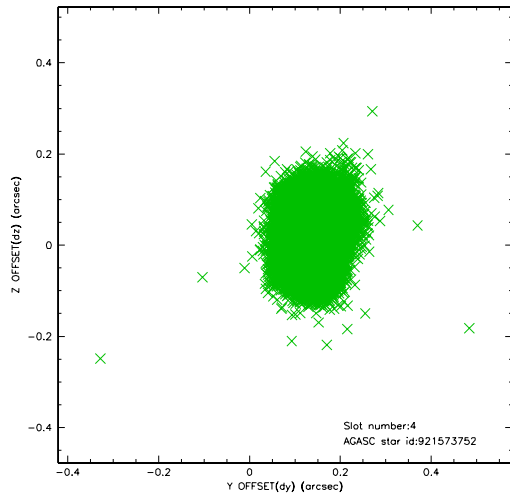
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	11249	-0.051	0.086	0.006	0.011	0.000000	0.000000	937.33	-832.42
1	FID	ACIS-I-5	7.23	11247	-0.038	0.014	0.006	0.011	0.000000	0.000000	-1810.78	1064.99
2	FID	ACIS-I-6	7.26	11248	-0.002	-0.029	0.007	0.011	0.000000	0.000000	402.92	1709.45
3	GUIDE	921571056	8.56	22489	-0.217	0.080	0.083	0.133	54.339011	-34.649674	1306.33	-1580.61
4	GUIDE	921573752	8.40	22495	0.136	0.018	0.073	0.114	55.297577	-34.906150	-1644.37	-1159.30
5	GUIDE	921575528	7.96	22489	0.081	0.129	0.060	0.095	55.012292	-34.549755	-596.00	-2280.81
6	GUIDE	921966544	7.91	22497	0.039	-0.124	0.069	0.105	54.743508	-35.636012	-486.87	1707.02
7	GUIDE	921970112	9.58	22480	-0.041	-0.097	0.141	0.228	54.291262	-35.695592	777.67	2149.97

2.4 Star Slots

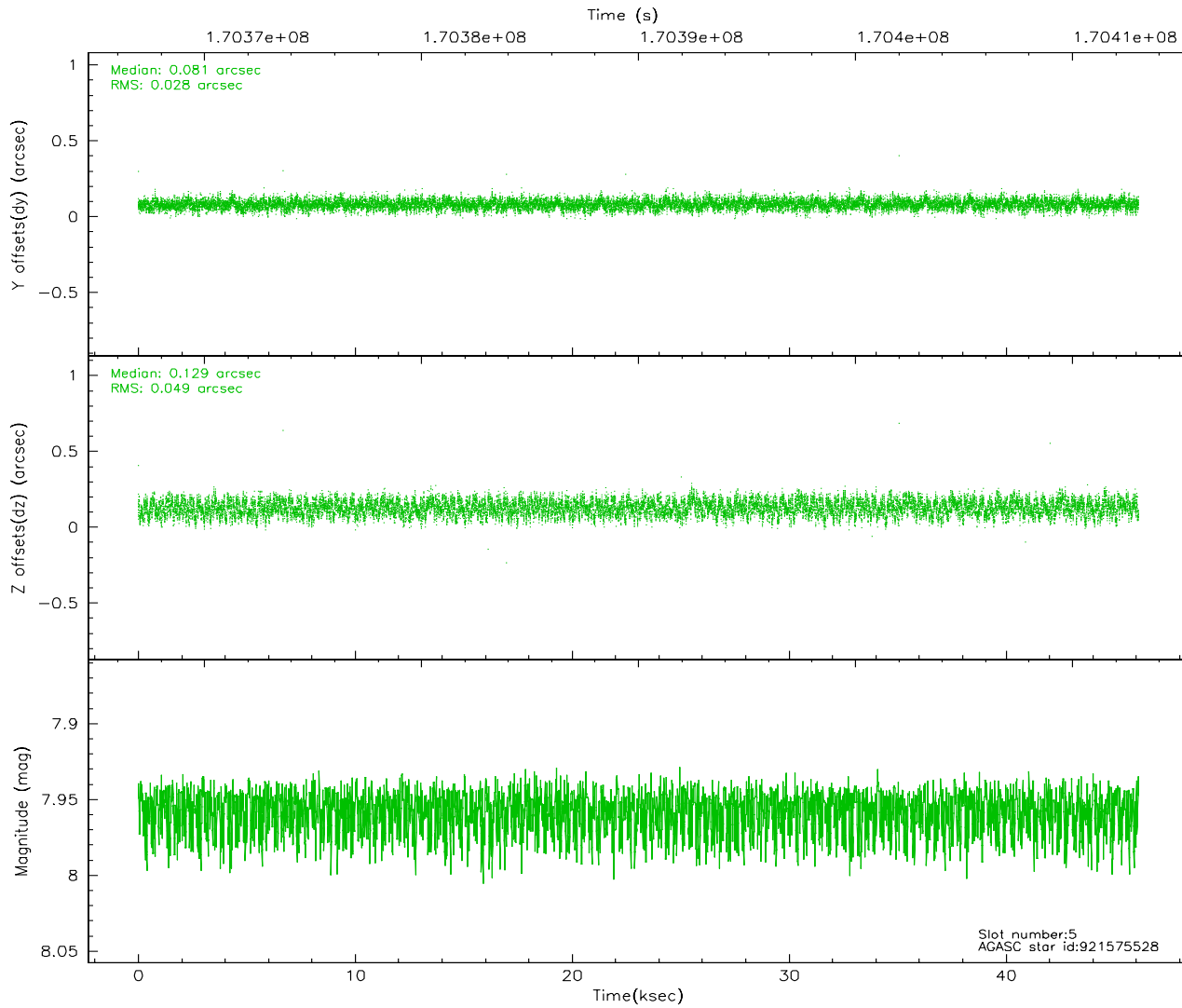
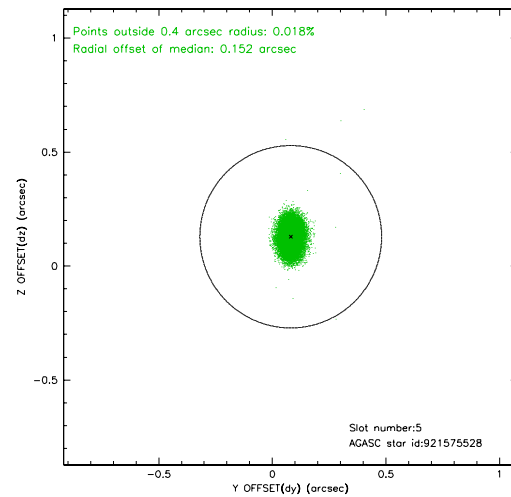
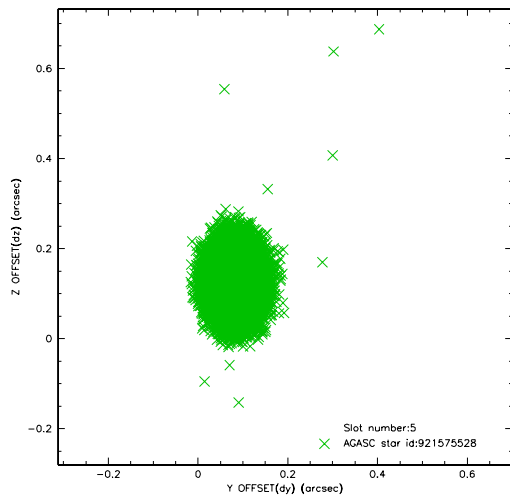
2.4.1 Slot 3



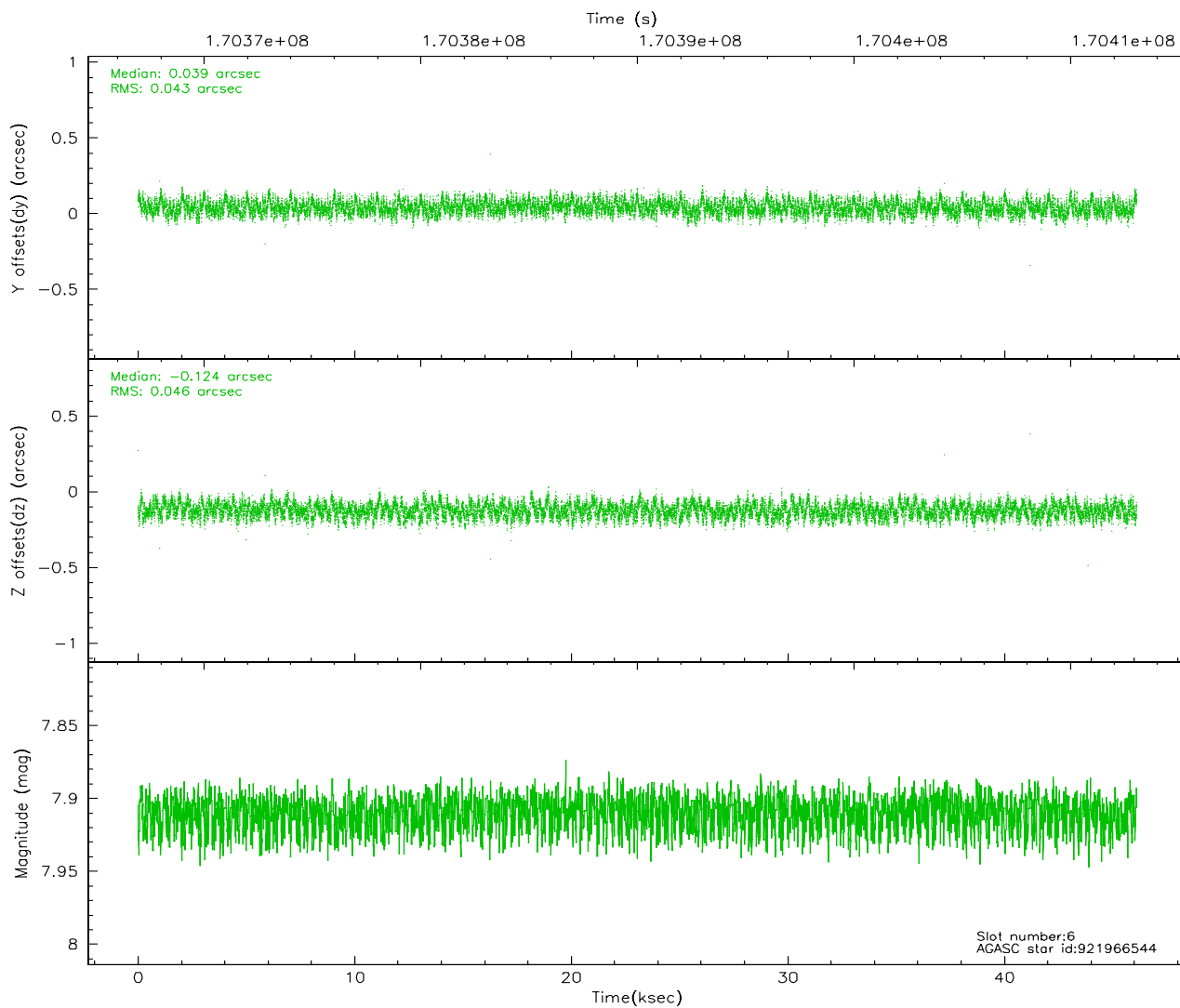
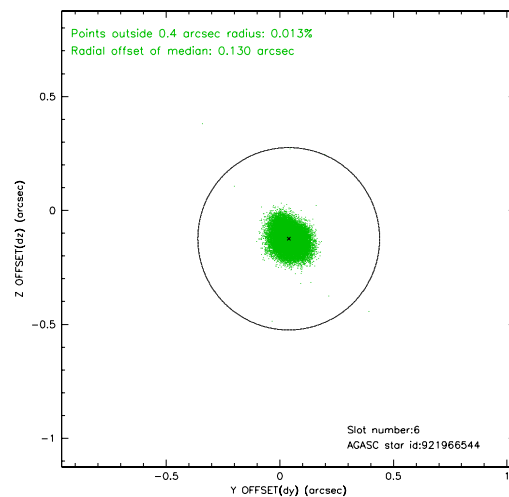
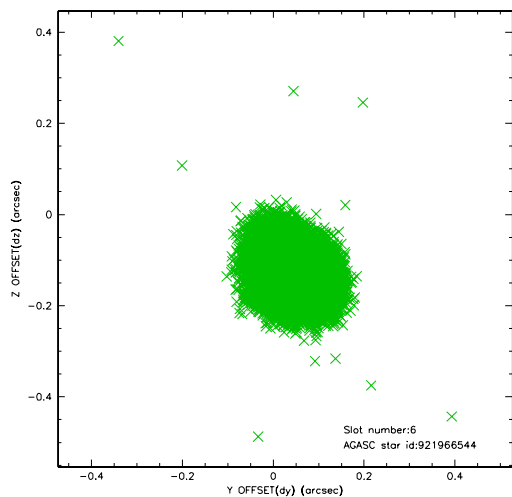
2.4.2 Slot 4



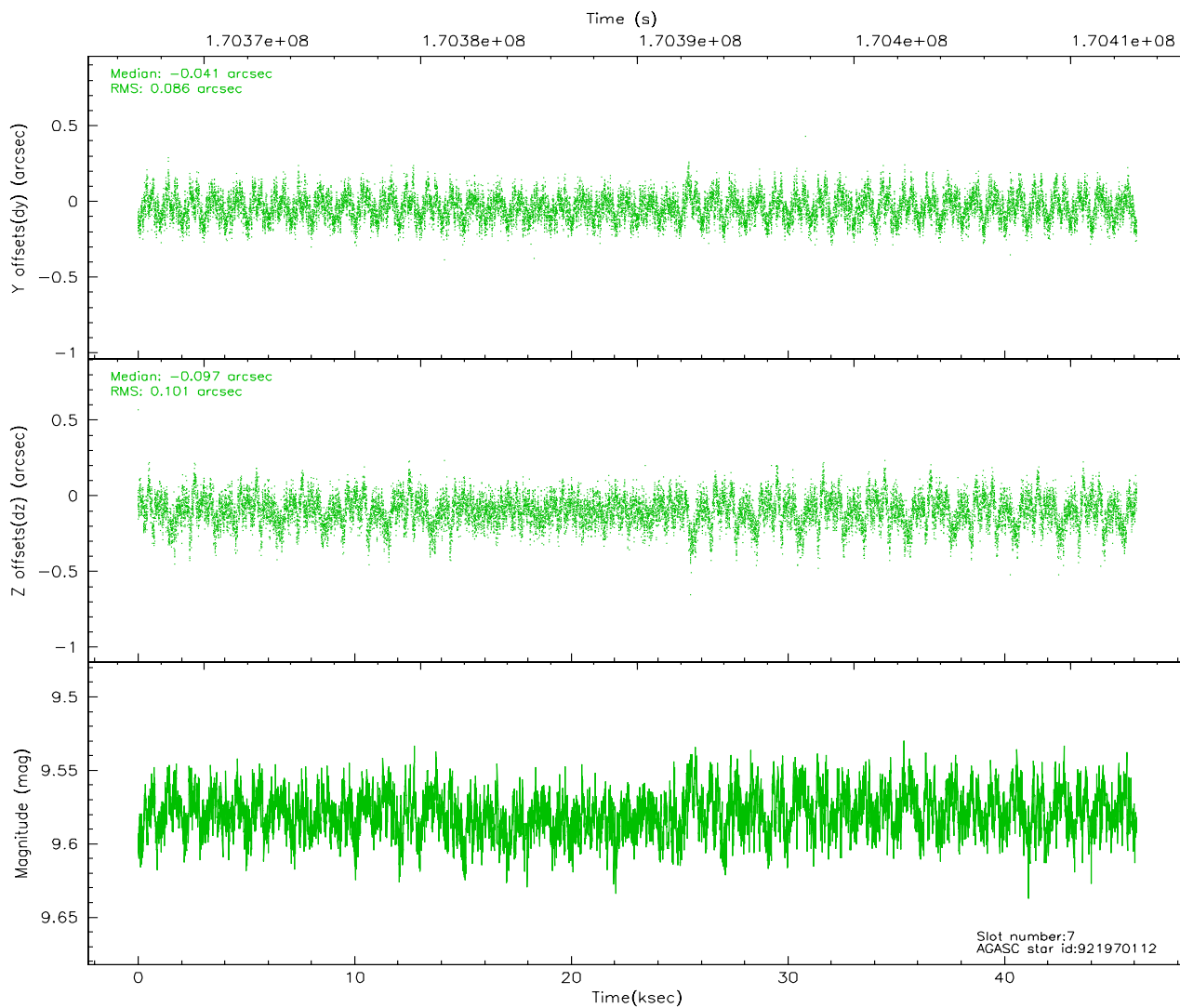
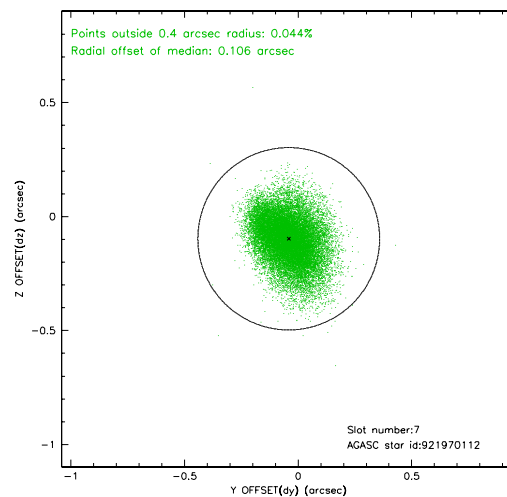
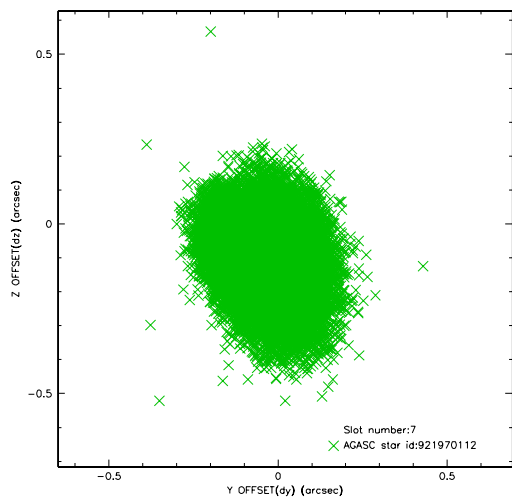
2.4.3 Slot 5



2.4.4 Slot 6

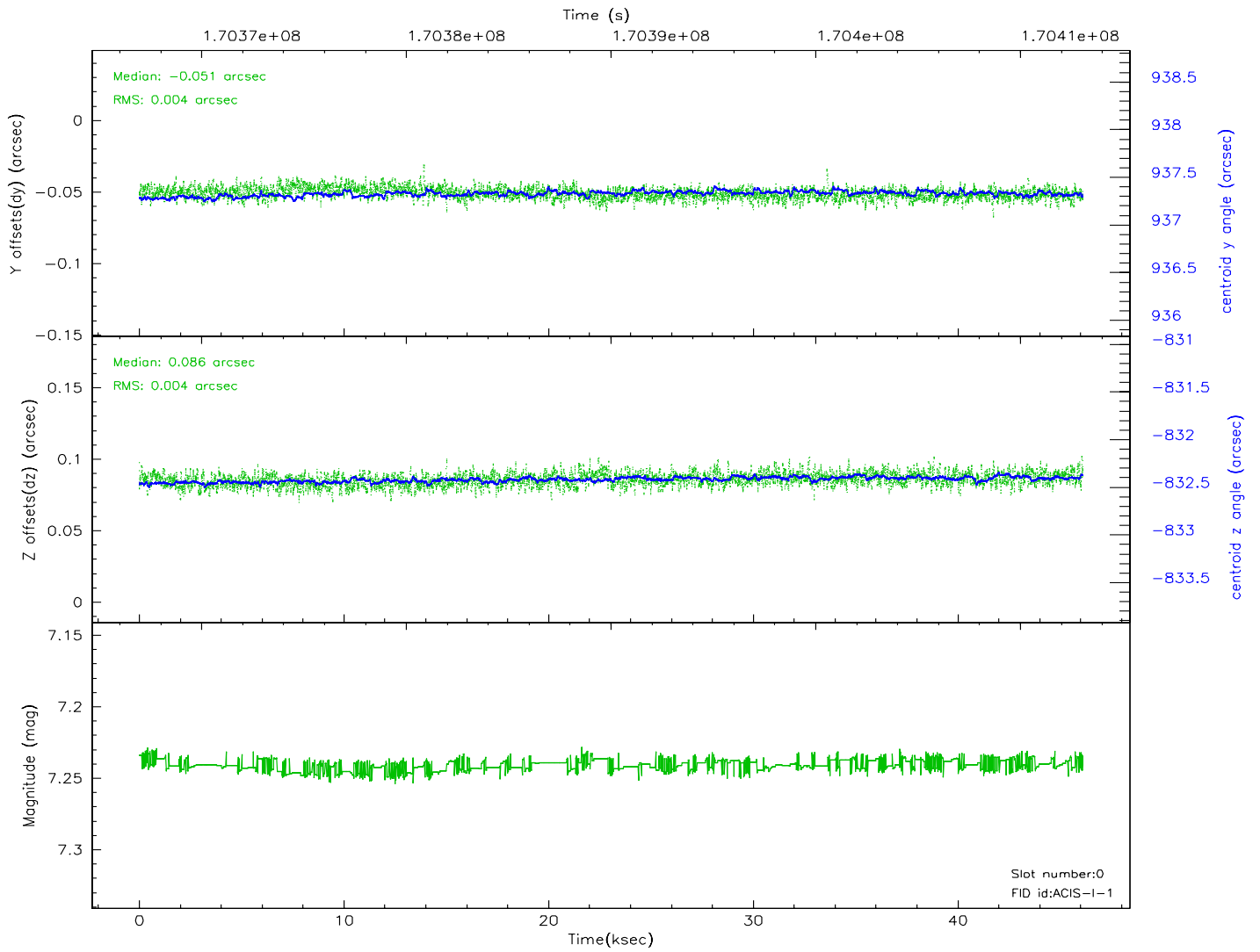
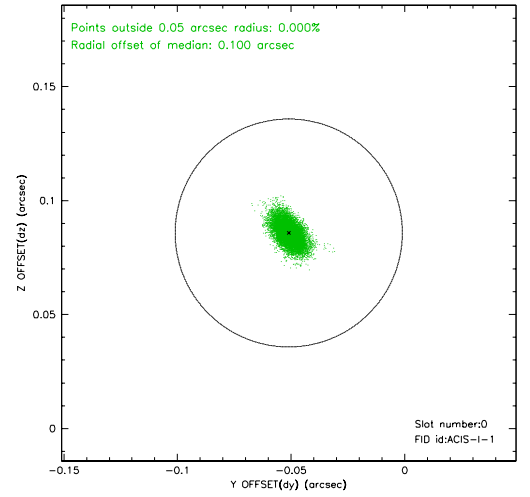
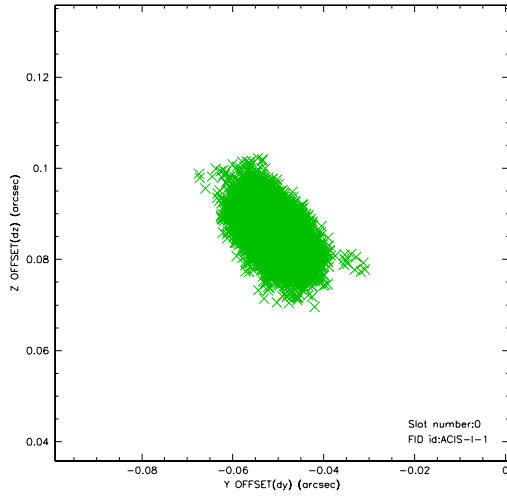


2.4.5 Slot 7

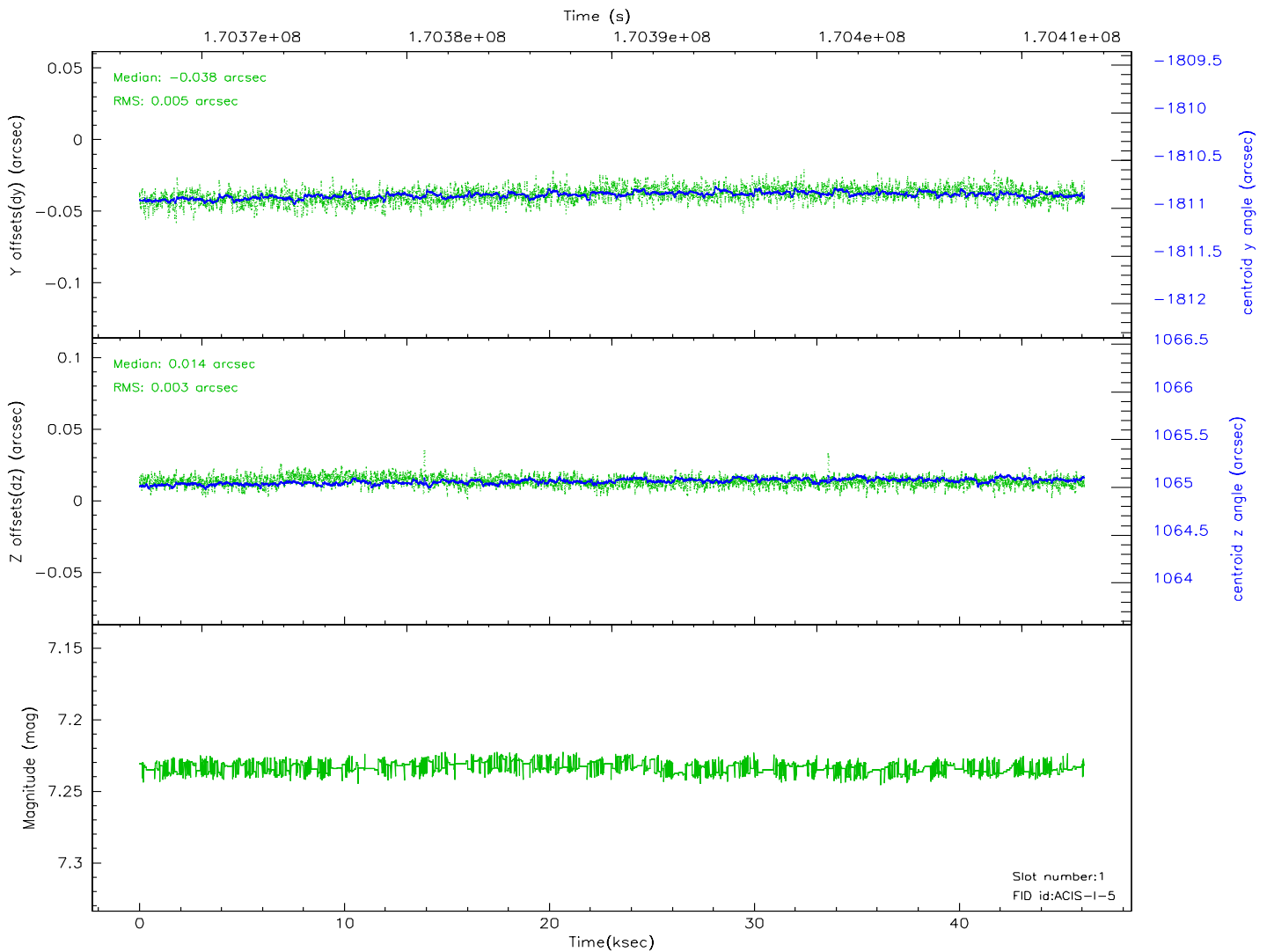
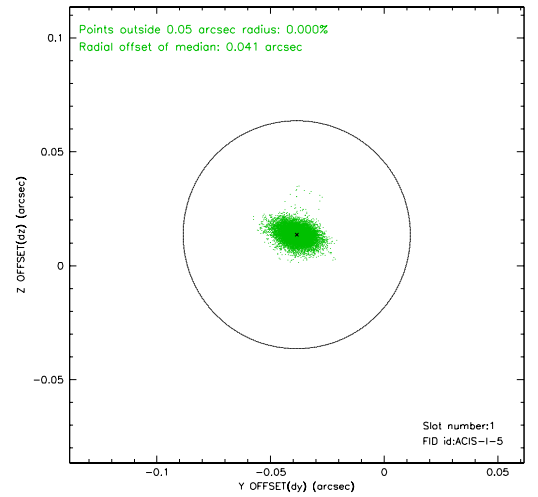
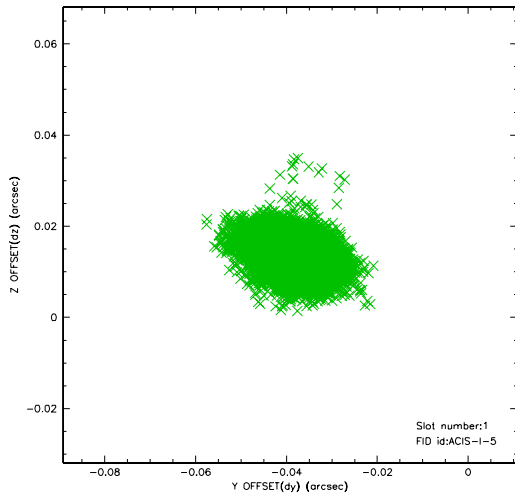


2.5 FID Slots

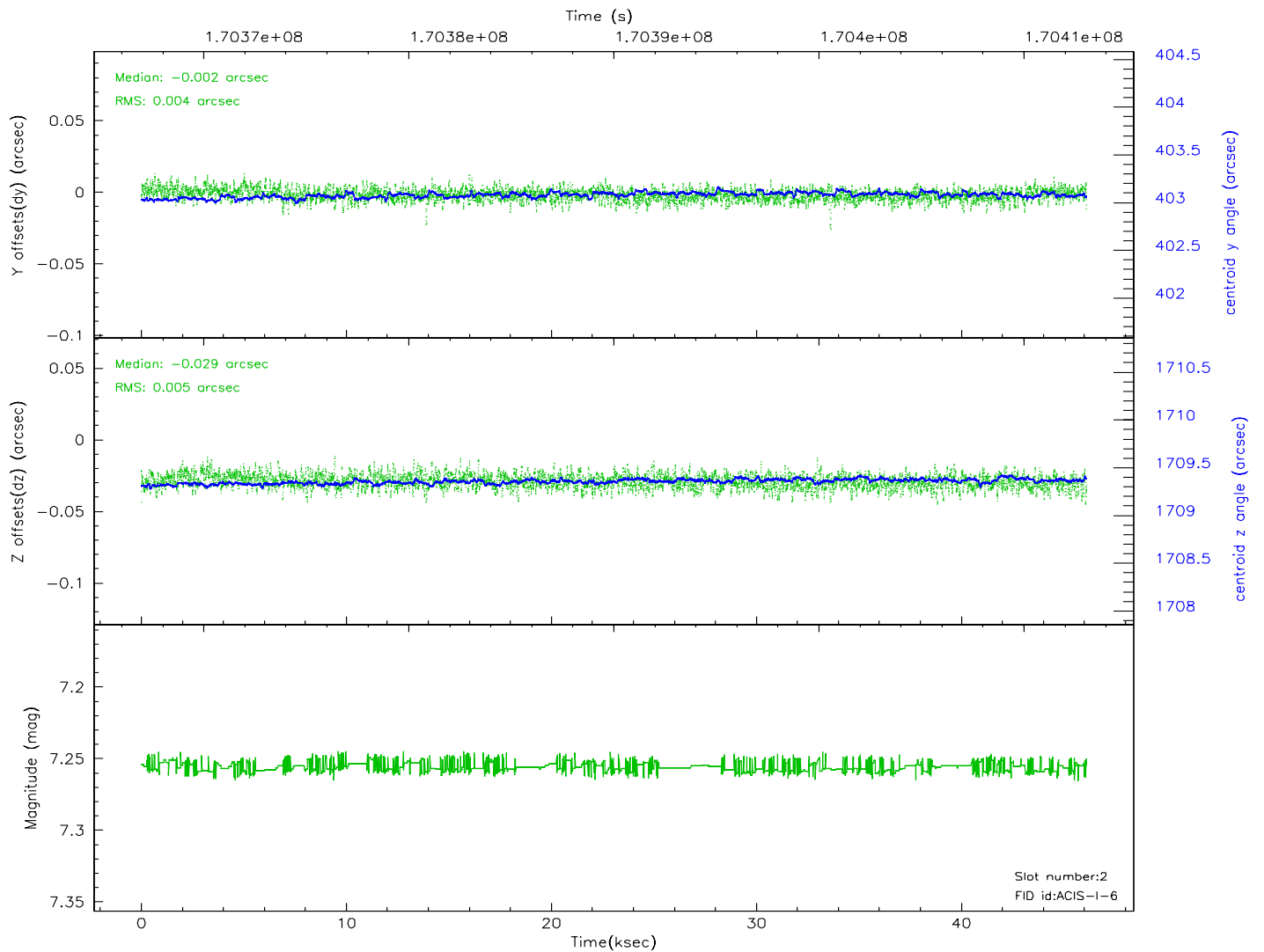
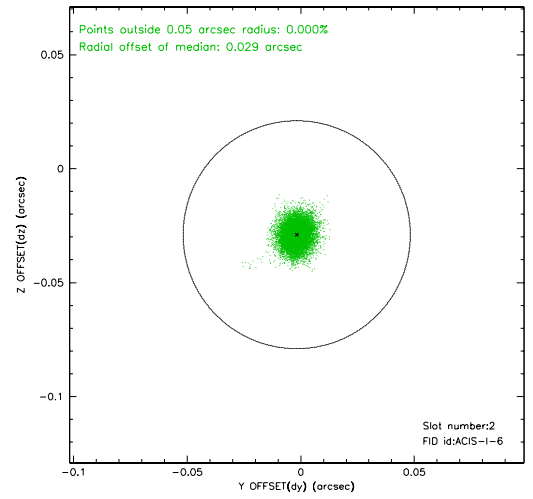
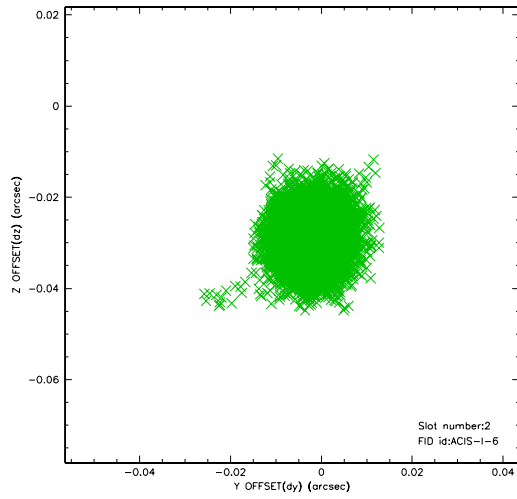
2.5.1 Slot 0



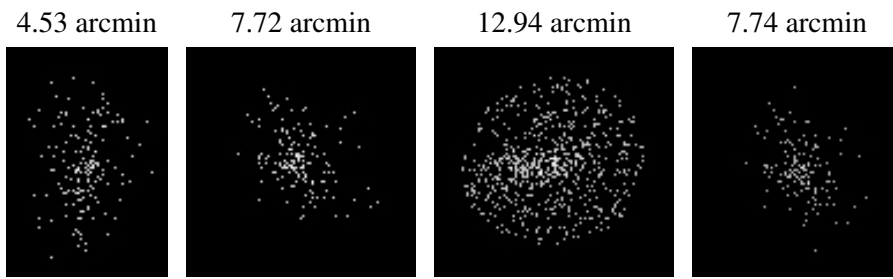
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.678

A.2 Comments