

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5028 - L2 Version 001
Chandra X-Ray Center

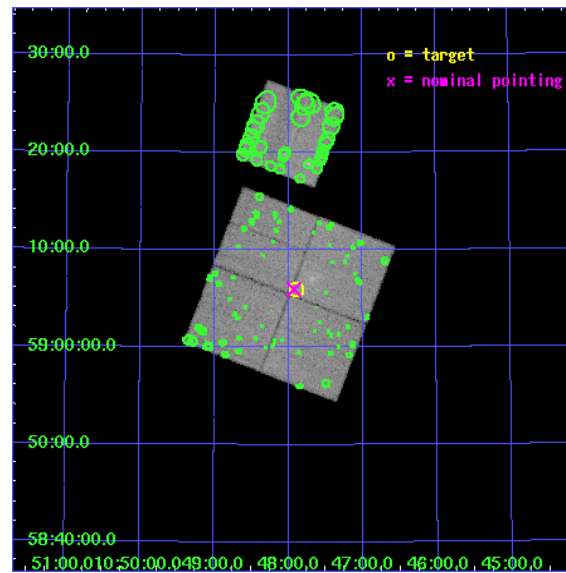
L2 Processing Date : Apr 17 2006

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1 Front

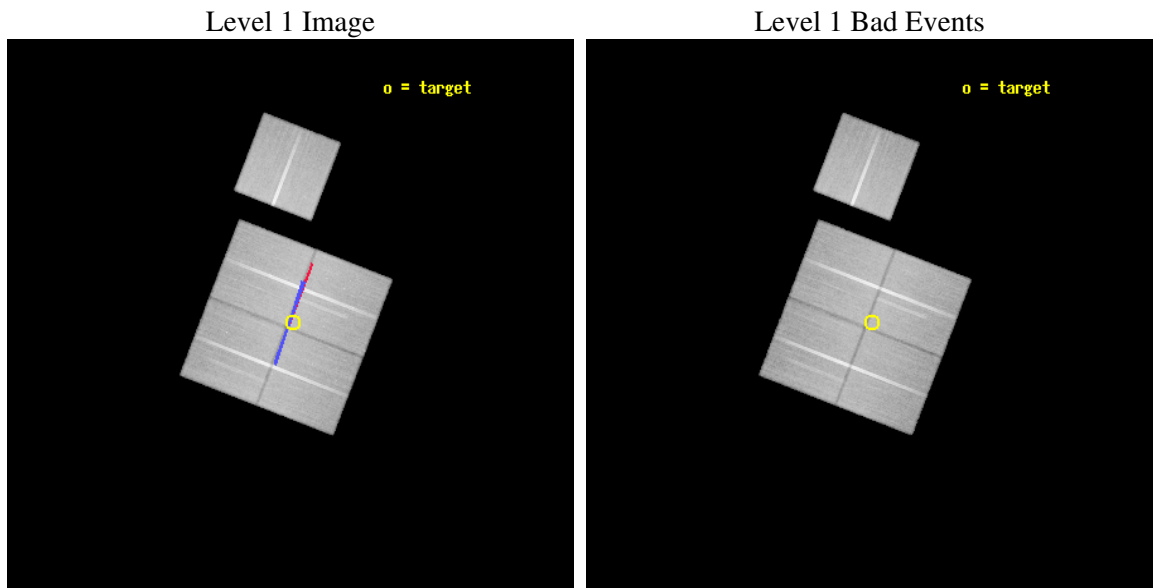
seq_num	900335
obs_id	5028
title	The Balance of Power between Starbursts and AGN: a Chandra/SIRTf Survey.
observer	Dr. BELINDA WILKES
object	SWIRE LOCKMAN 6
dtcycle	0
cycle	P
ra_targ	161.972668
dec_targ	59.099166
ra_nom	161.98167687036
dec_nom	59.099015329643
roll_nom	21.20095822171
revision	2
ontime	72087.358891159
livetime	71145.484477305
ontime0	72077.935950547
ontime1	72074.794960439
ontime2	72081.076940715
ontime3	72087.358891159
ontime6	72084.217930883
l2events	273616



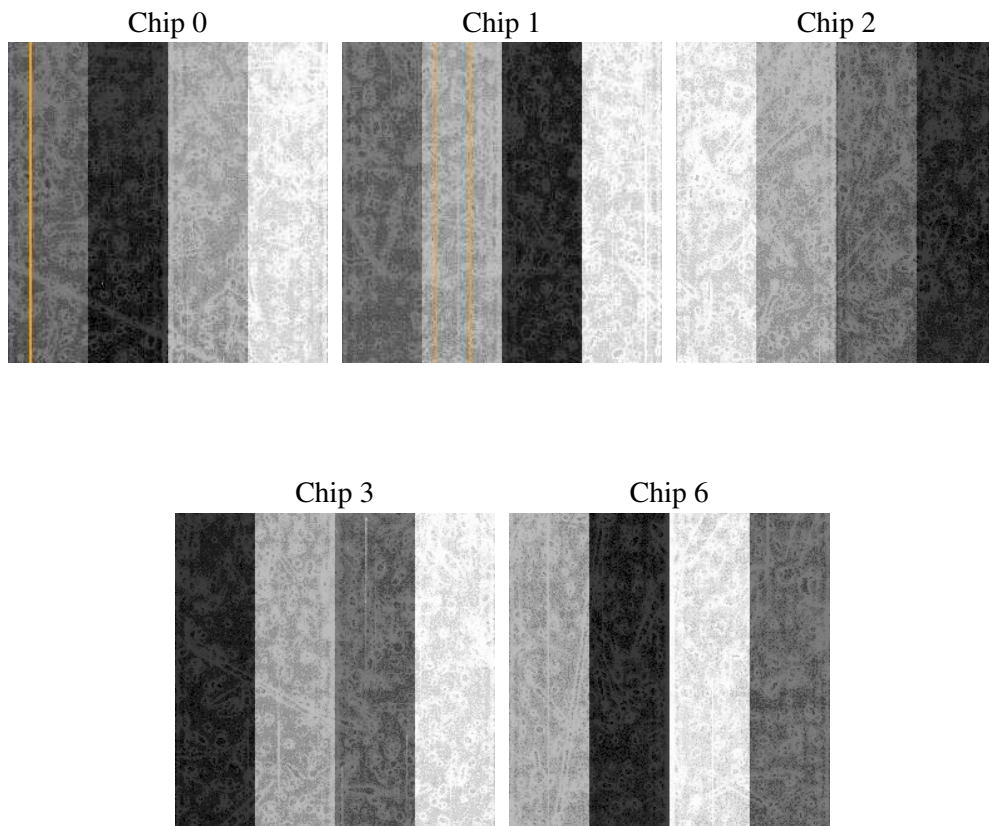
2 OBI

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	2006-04-17T22:34:35
revision	2

sched_exp_time	71950.000000
ontime	72767.591243356
ontime0	72758.168302745
ontime1	72755.027292728
ontime2	72761.309292912
ontime3	72767.591243356
ontime6	72764.450263172
l1events	2576573

2.1.4 Events

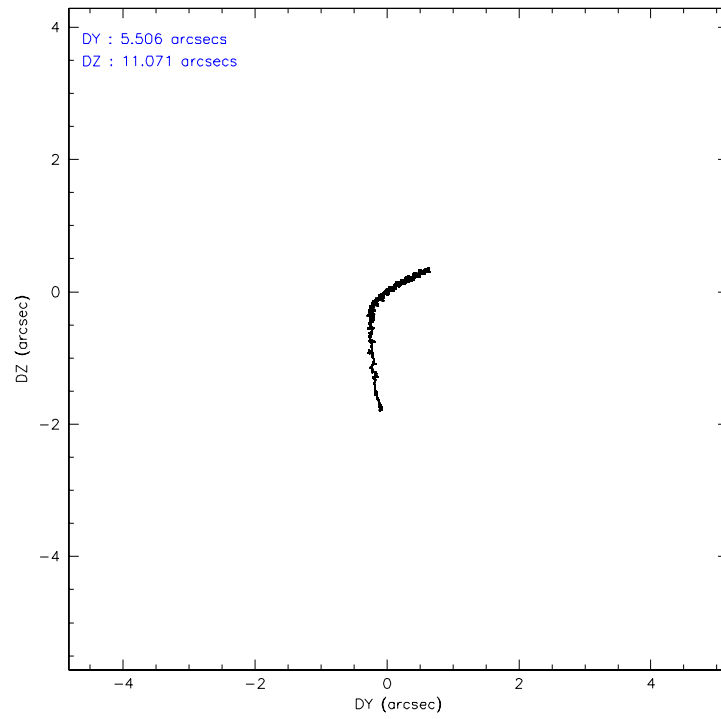
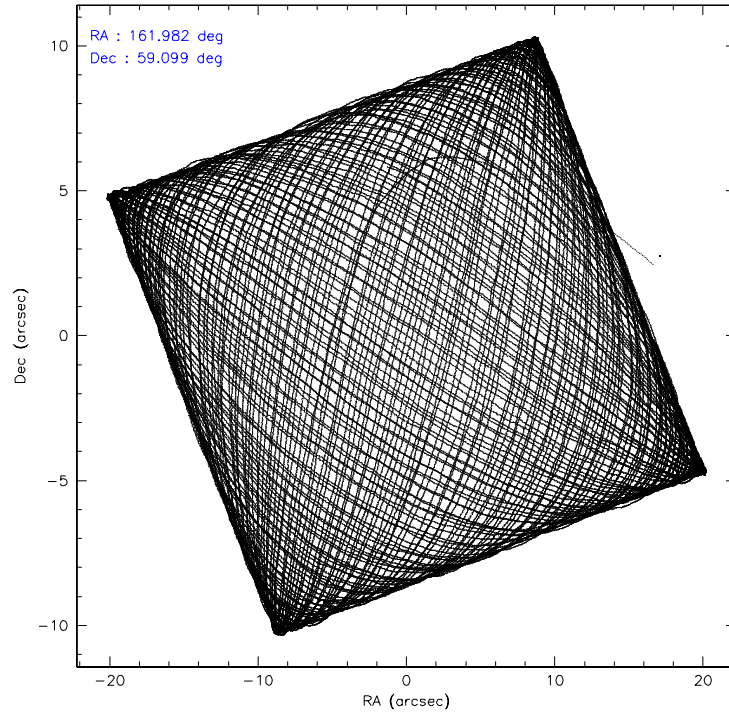
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	491964	487563	535395	529466	532185
rejected events	429110	421752	473168	466154	470398
rejected %	87%	86%	88%	88%	88%

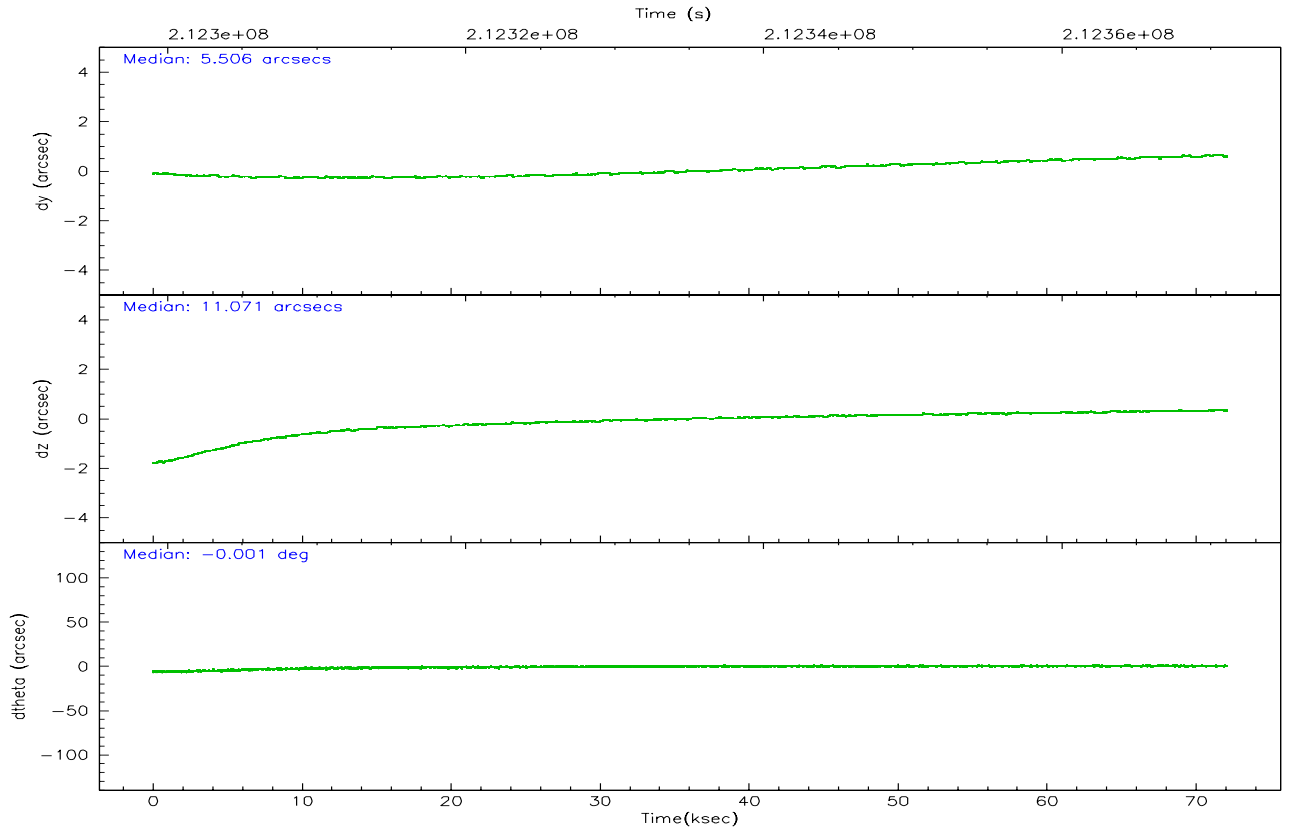
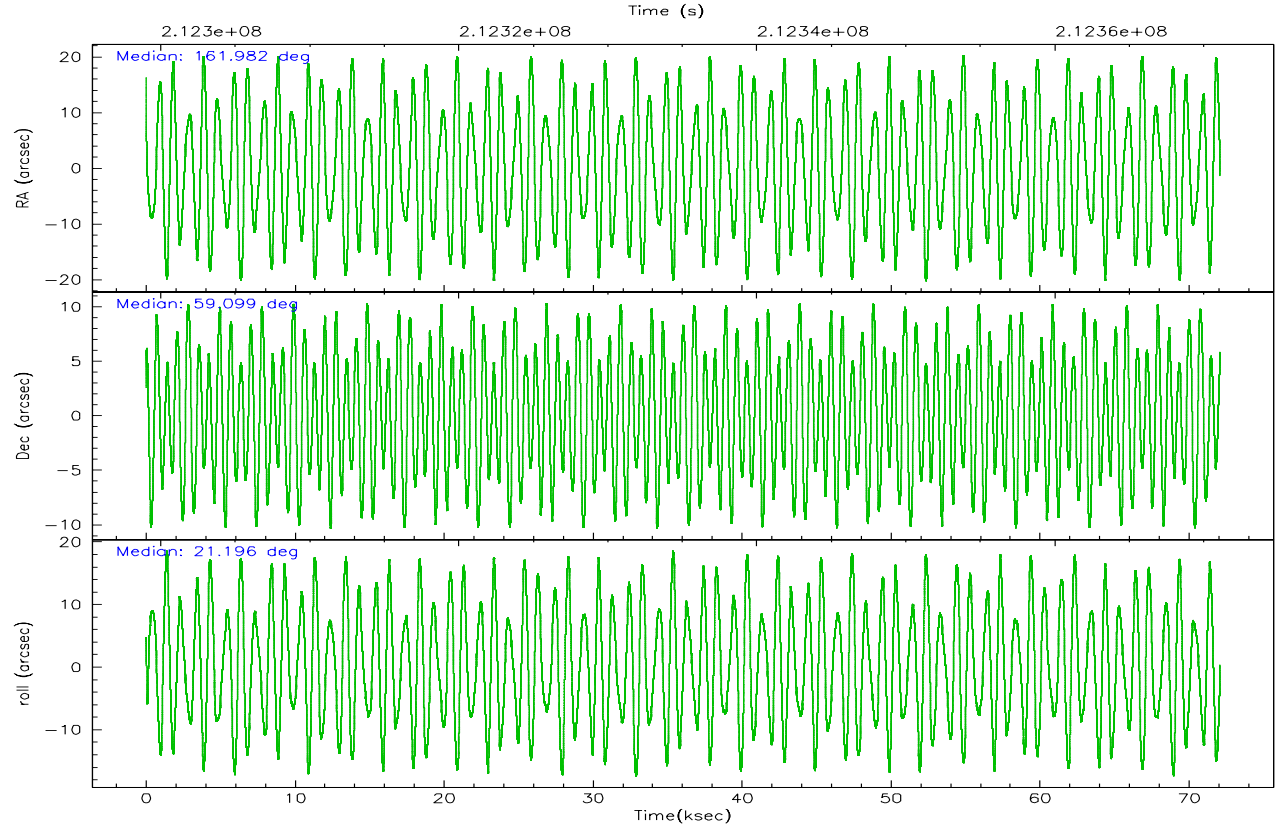
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	26909	26055	27955	28572	24808
	5%	5%	5%	5%	4%
grade 1 events	296	241	306	333	245
	0%	0%	0%	0%	0%
grade 2 events	13824	14609	12886	12282	13122
	2%	2%	2%	2%	2%
grade 3 events	6233	6626	5999	6232	6279
	1%	1%	1%	1%	1%
grade 4 events	5819	6570	5827	6065	6066
	1%	1%	1%	1%	1%
grade 5 events	21375	22553	20851	23794	24078
	4%	4%	3%	4%	4%
grade 6 events	11061	12977	10524	11134	12527
	2%	2%	1%	2%	2%
grade 7 events	406447	397932	451047	441054	445060
	82%	81%	84%	83%	83%

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	161.948470	161.9816768703647	Alternating exposures requested	N	N
Pointing Dec	59.077613	59.09901532964346	Primary exposure time	0.000000	3.1
Pointing Roll	21.020758	21.20095822171003			
Roll angle	19.200000	19.200000			
Roll tolerance	1.800000	1.800000			
Roll constraint allows 180D rotation	Y	Y			
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	212299148.184000	212297836.47496			
Observation start date	2004-09-23T03:58:04	2004-09-23T03:37:16			
Observation end time	212371098.184000	212372111.56579			
Observation end date	2004-09-23T23:57:14	2004-09-24T00:15:11			
Read mode	TIMED	TIMED			

2.3 Aspect



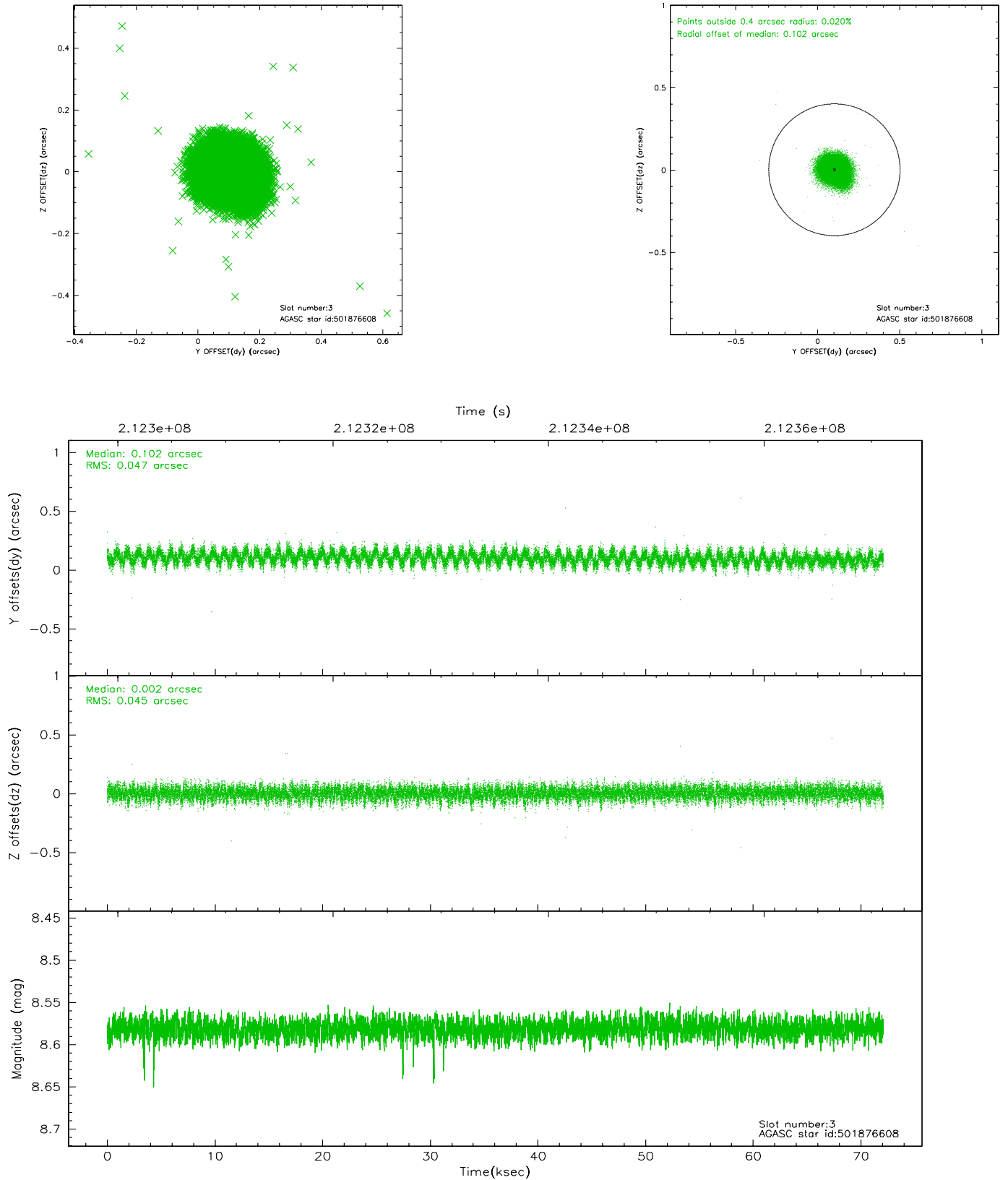


Slot Statistics

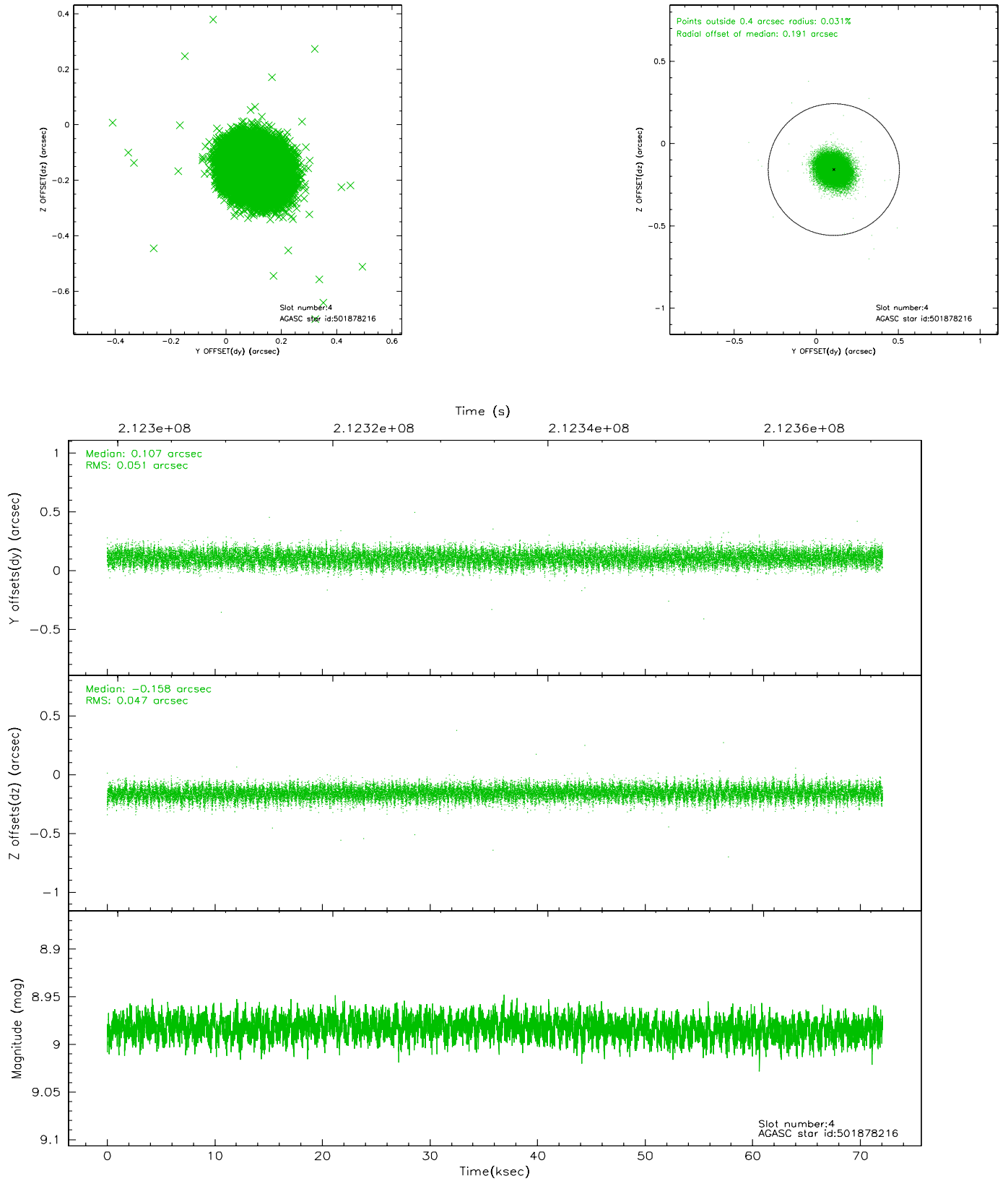
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	17584	0.018	0.011	0.010	0.046	0.000000	0.000000	934.14	-834.42
1	FID	ACIS-I-5	7.23	17583	-0.138	0.045	0.010	0.023	0.000000	0.000000	-1814.12	1063.18
2	FID	ACIS-I-6	7.25	17584	0.029	0.014	0.011	0.033	0.000000	0.000000	399.81	1707.54
3	GUIDE	501876608	8.58	35154	0.102	0.002	0.069	0.110	161.204341	58.717464	-1760.49	-704.12
4	GUIDE	501878216	8.98	35154	0.107	-0.158	0.074	0.119	161.663048	59.249982	-267.10	768.67
5	GUIDE	501880360	8.29	35083	-0.093	-0.228	0.075	0.116	161.850113	59.665463	592.31	2039.65
6	GUIDE	501878640	8.43	35090	-0.133	0.126	0.076	0.119	163.346309	59.049577	2389.47	-996.73
7	GUIDE	501875280	9.88	35138	0.016	0.252	0.125	0.208	161.800922	58.322389	-1234.96	-2437.30

2.4 Star Slots

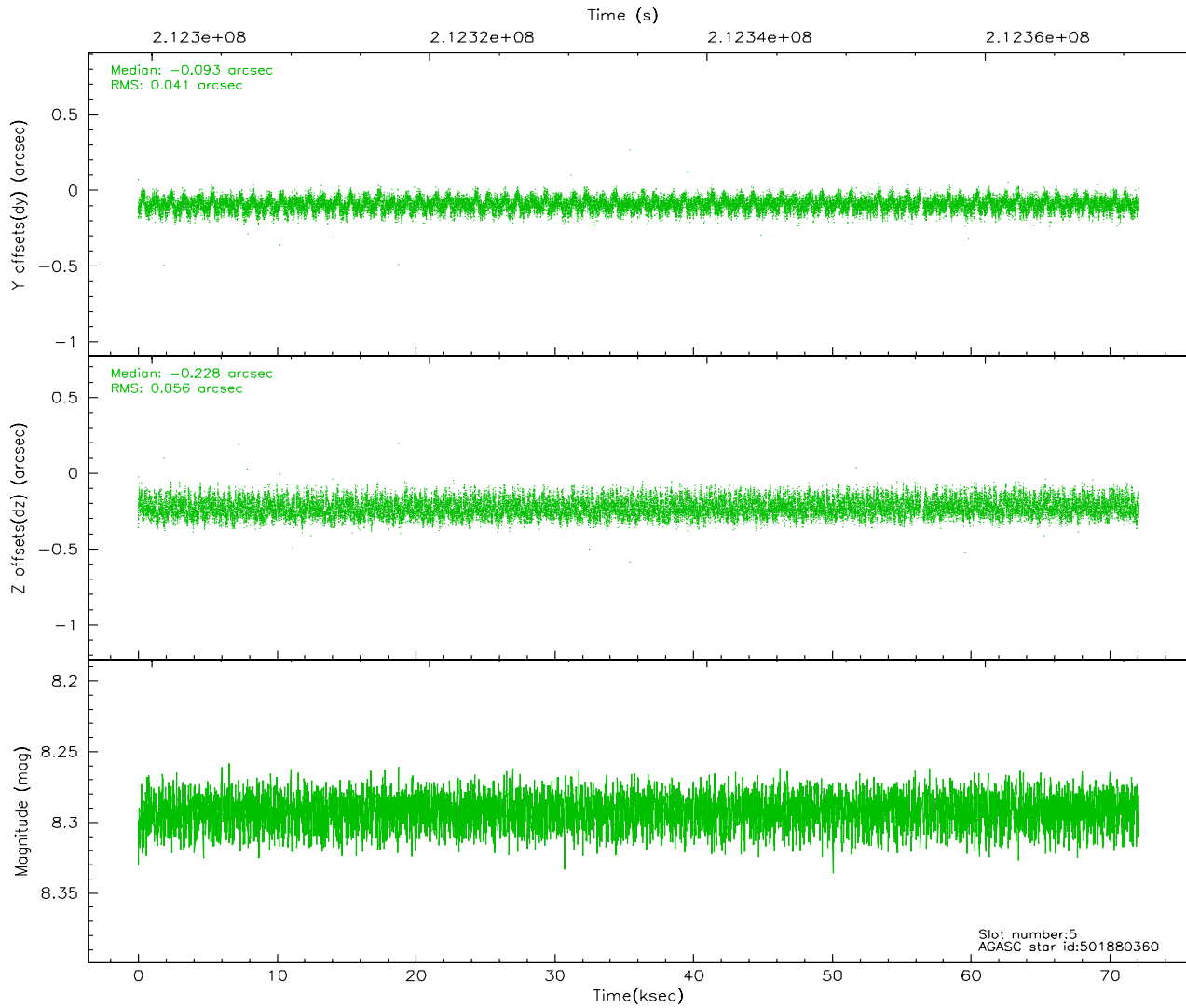
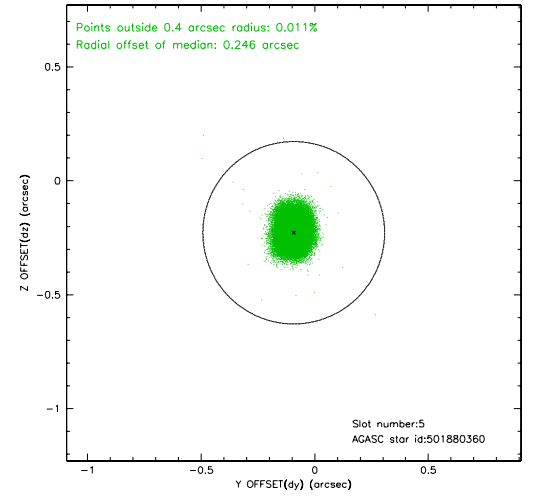
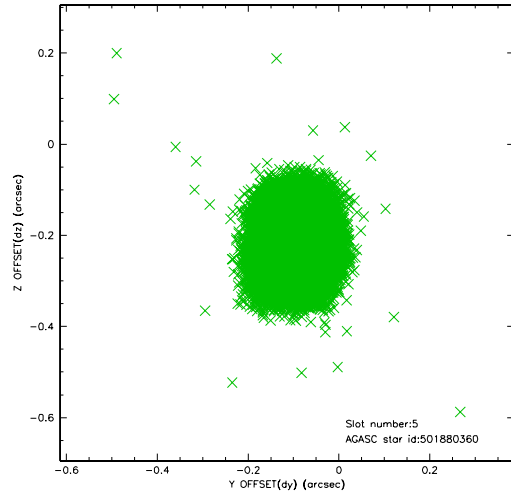
2.4.1 Slot 3



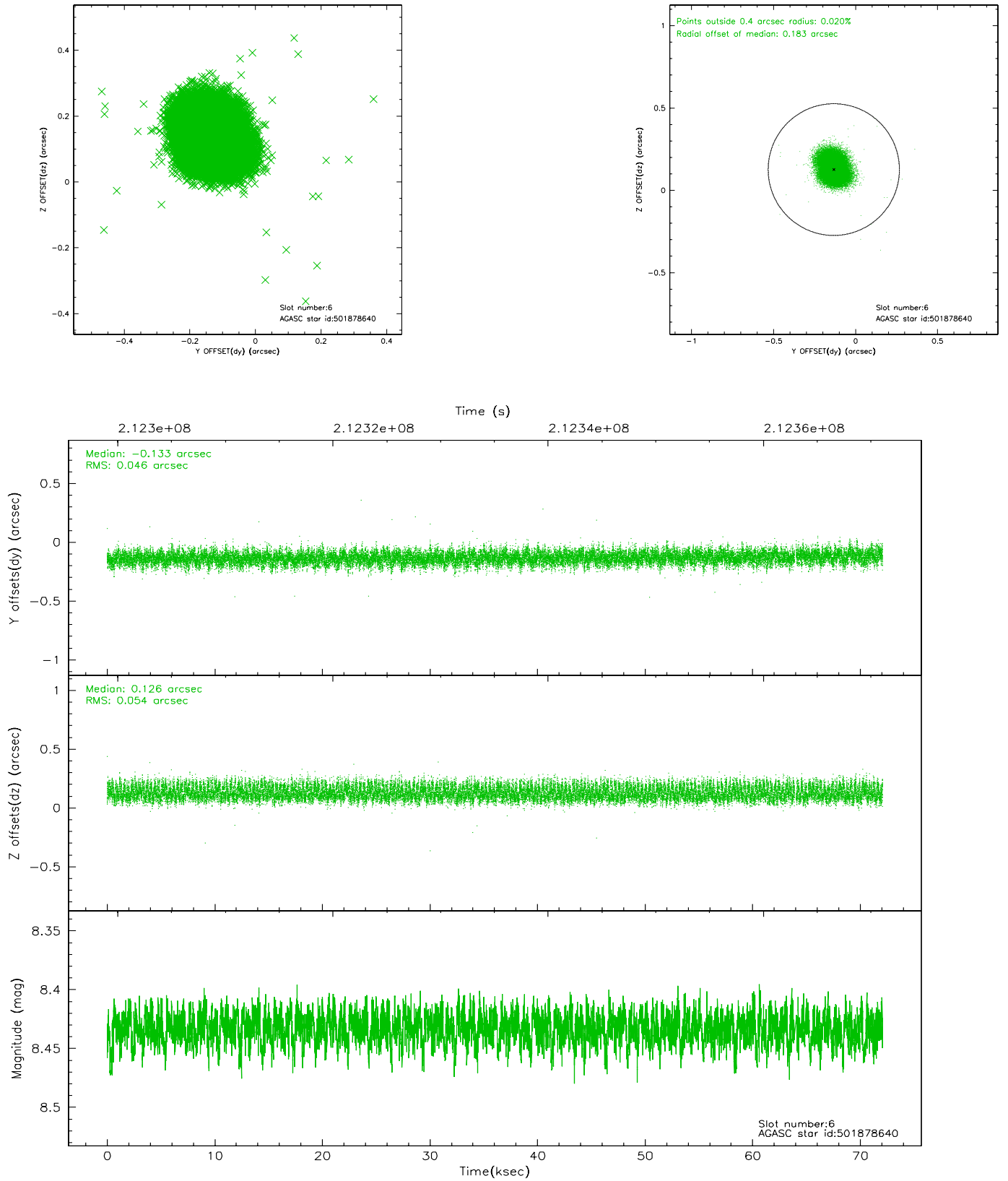
2.4.2 Slot 4



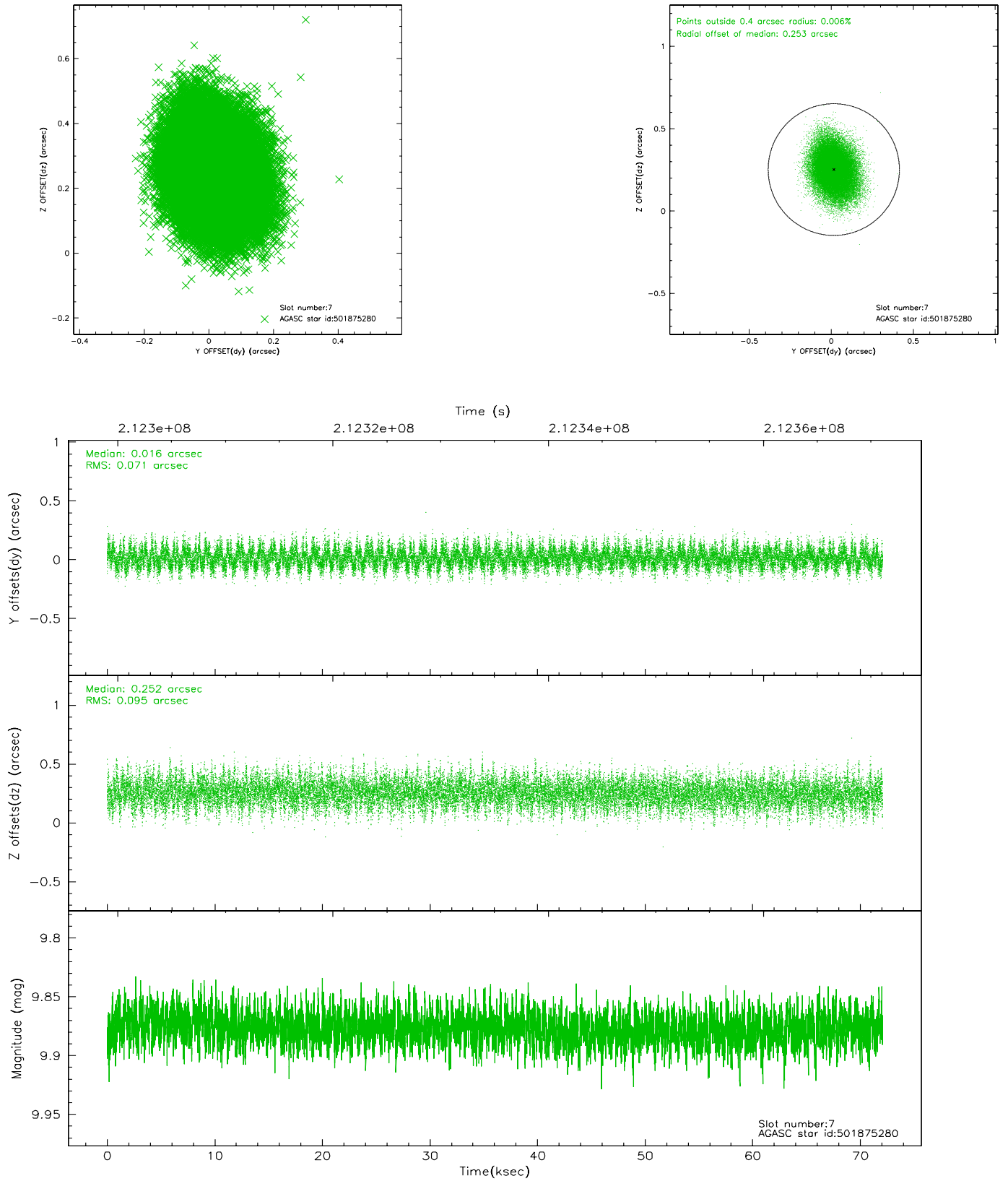
2.4.3 Slot 5



2.4.4 Slot 6

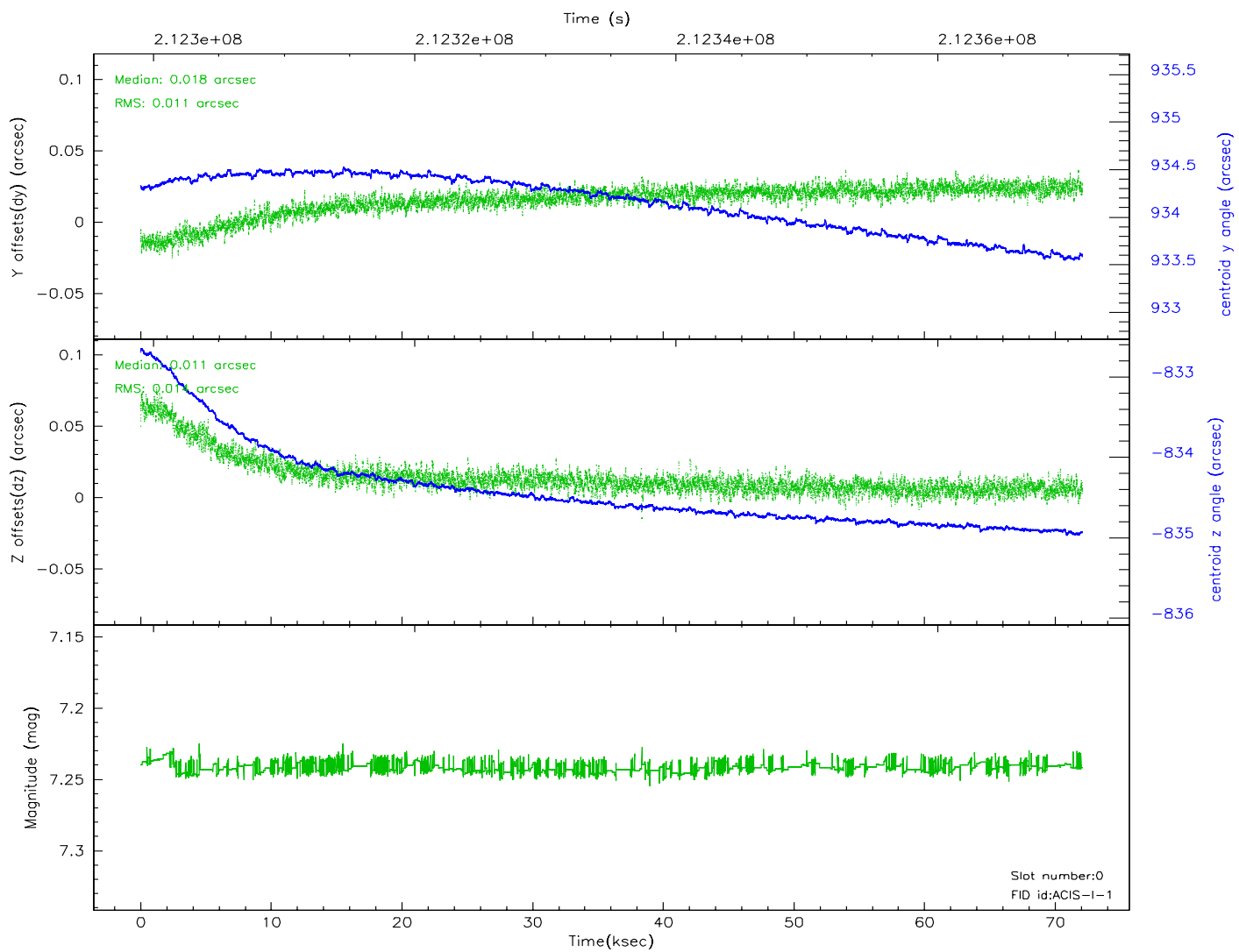
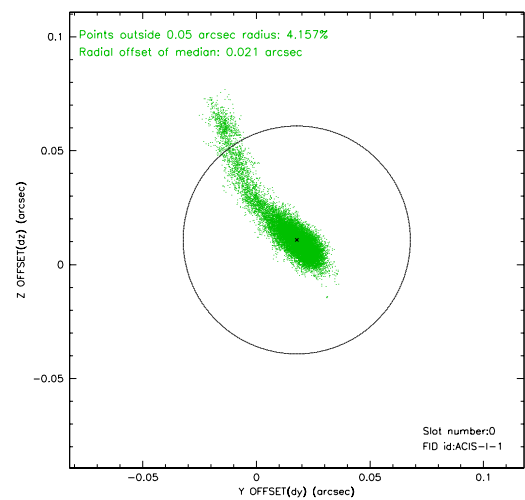
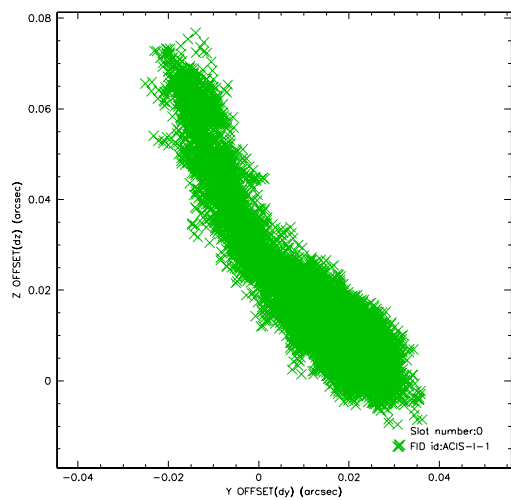


2.4.5 Slot 7

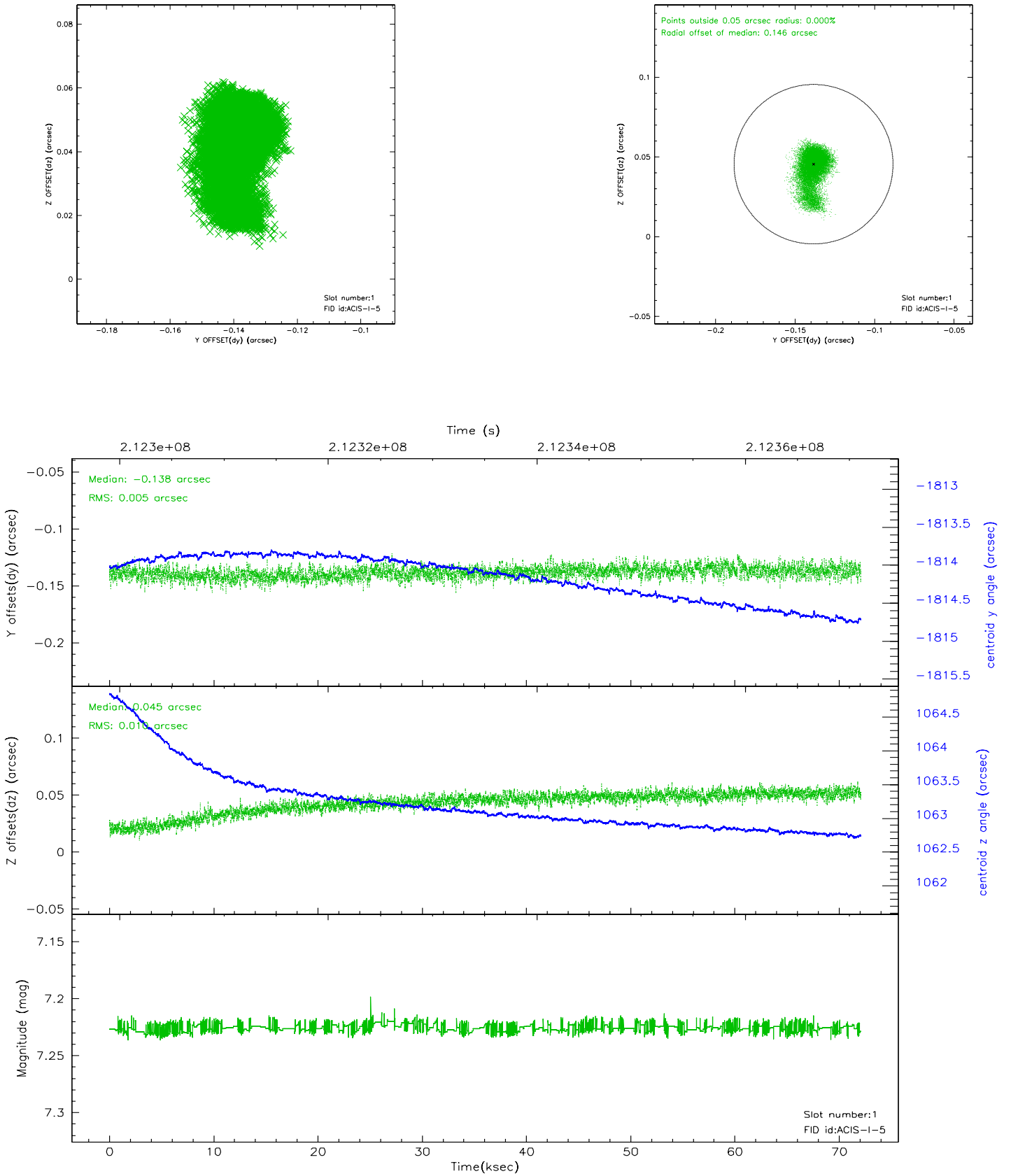


2.5 FID Slots

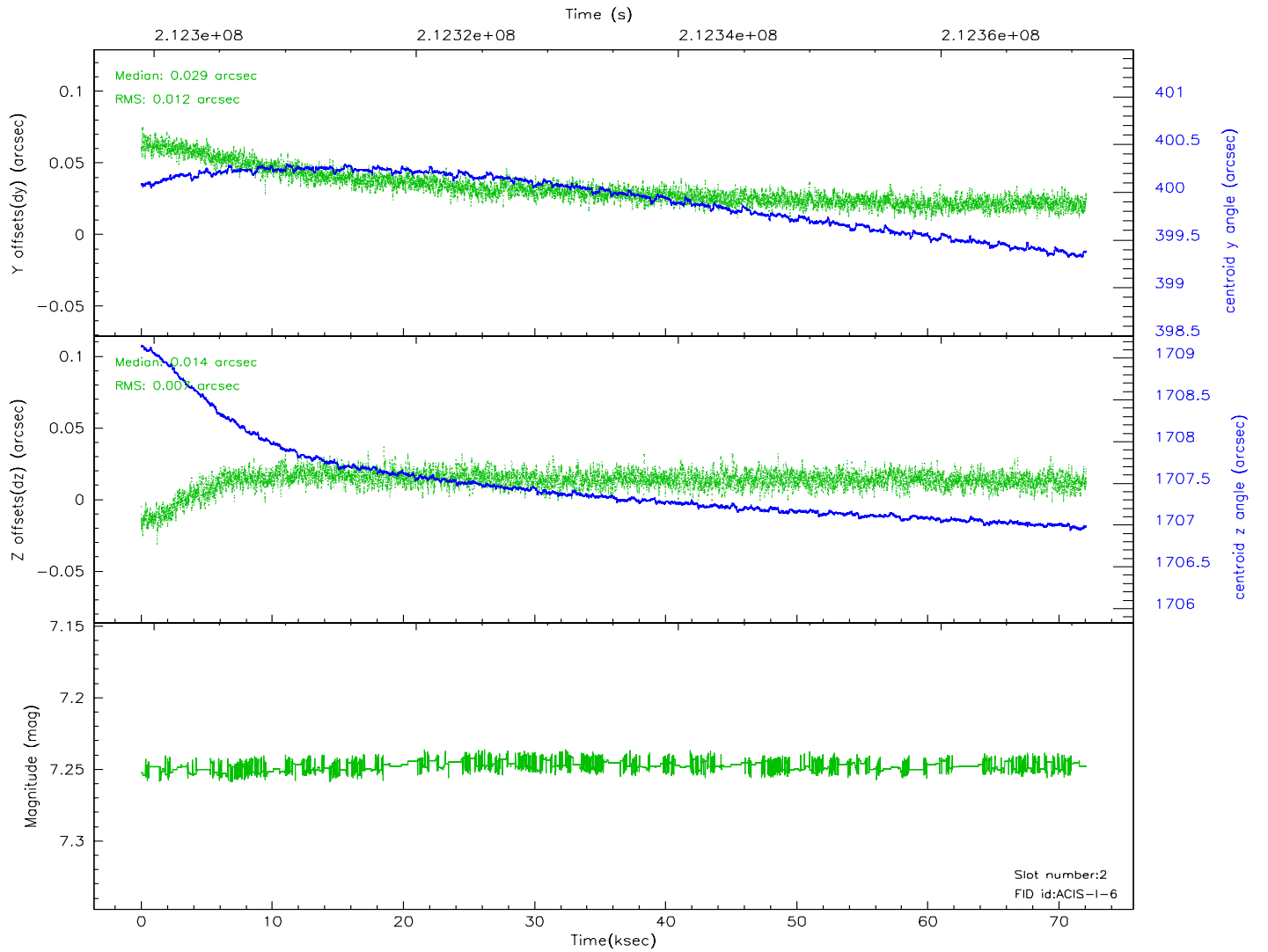
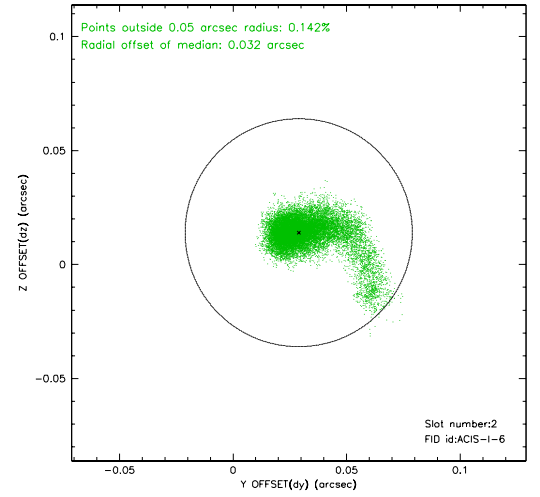
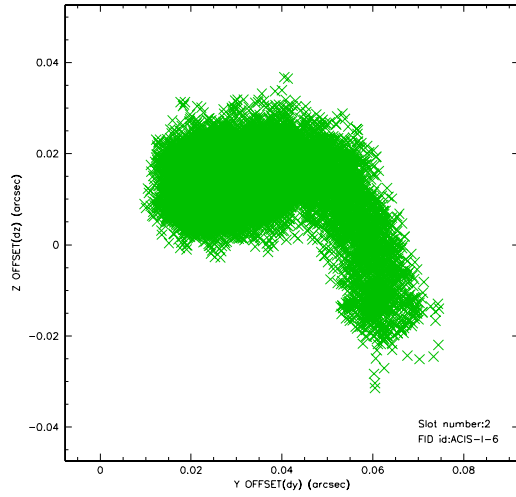
2.5.1 Slot 0



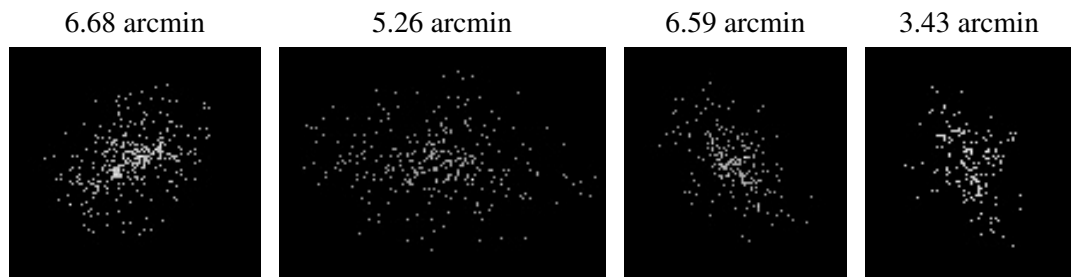
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.087

A.2 Comments

Roll constraint not met.

Focal plane temperature is elevated during initial ~10 ksec of observation.