

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7381 - L2 Version 2
Chandra X-Ray Center

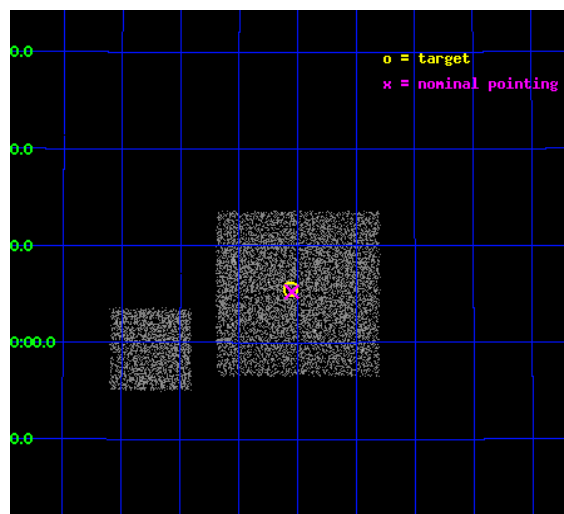
L2 Processing Date : Apr 7 2012

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1 Front

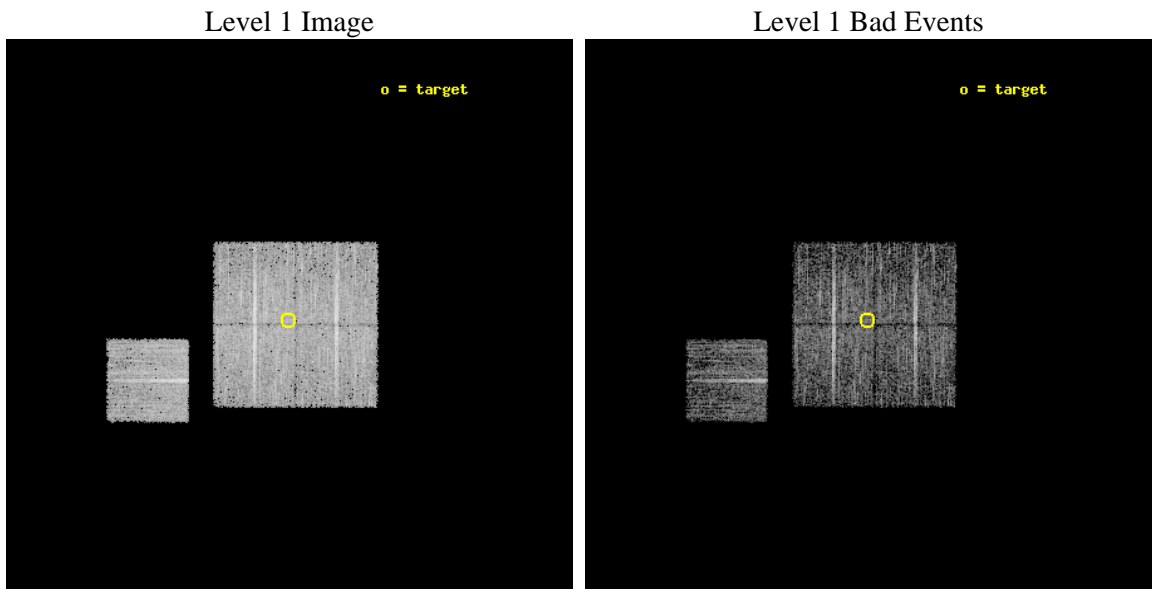
seq_num	900478	Sequence number
obs_id	7381	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 24	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.51454	Observer's specified target RA [deg]
dec_targ	35.091716	Observer's specified target Dec [deg]
ra_nom	216.51228082632	Nominal RA [deg]
dec_nom	35.087424674683	Nominal Dec [deg]
roll_nom	270.20995016285	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4705.3728159666	Sum of GTIs [s]
livetime	4643.8936560809	Livetime [s]
ontime0	4705.2496959567	Sum of GTIs [s]
ontime1	4705.29073596	Sum of GTIs [s]
ontime2	4705.3317759633	Sum of GTIs [s]
ontime3	4705.3728159666	Sum of GTIs [s]
ontime6	4705.2086361051	Sum of GTIs [s]
l2events	13478	Number of level 2 events



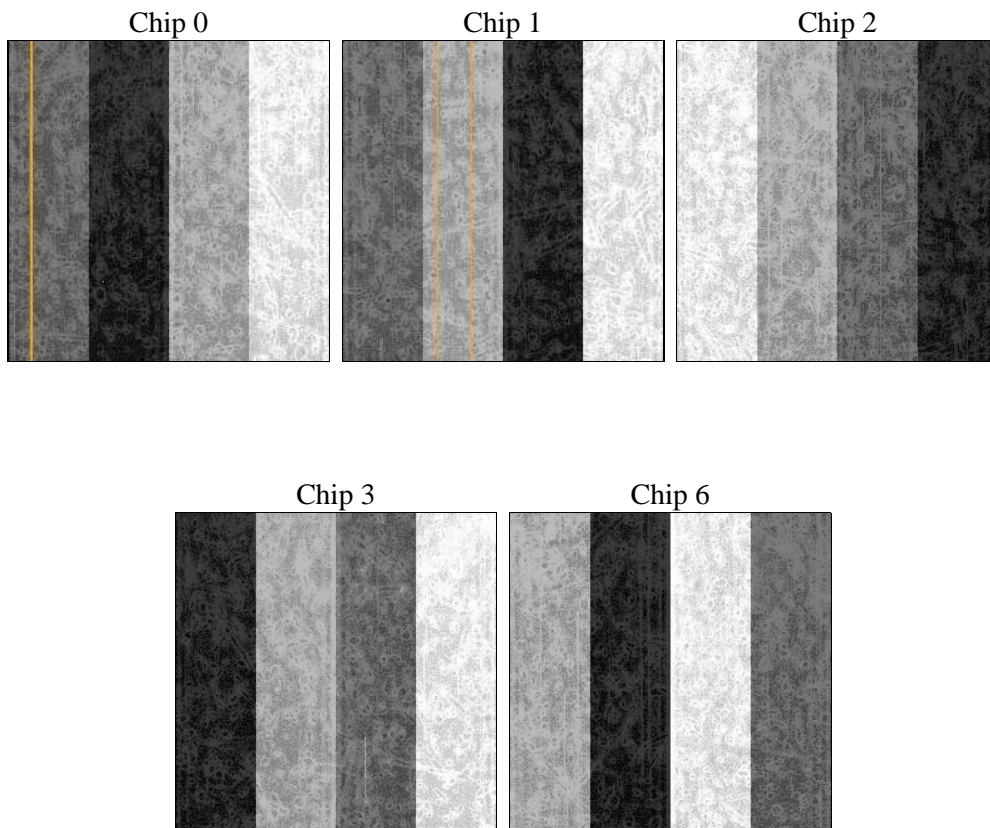
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4928.943000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	4705.3728159666	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4705.2496959567	Sum of GTIs [s]
date	2012-04-07T10:55:45	Date and time of file creation	ontime1	4705.29073596	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4705.3317759633	Sum of GTIs [s]
			ontime3	4705.3728159666	Sum of GTIs [s]
			ontime6	4705.2086361051	Sum of GTIs [s]
			l1events	164312	Number of level 1 events

2.1.4 Events

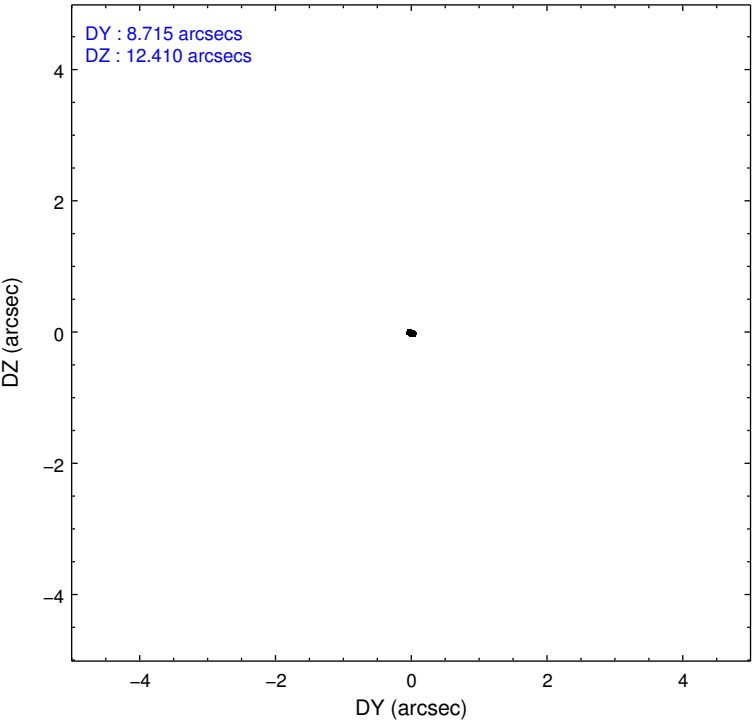
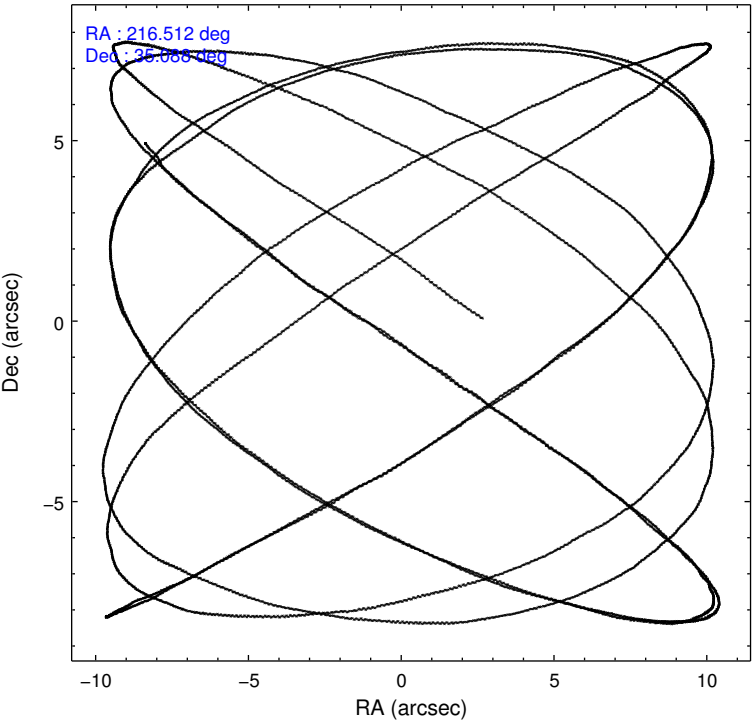
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	31429	31742	34515	33556	33070
rejected events	28169	28365	31299	30356	29719
rejected %	89%	89%	90%	90%	89%

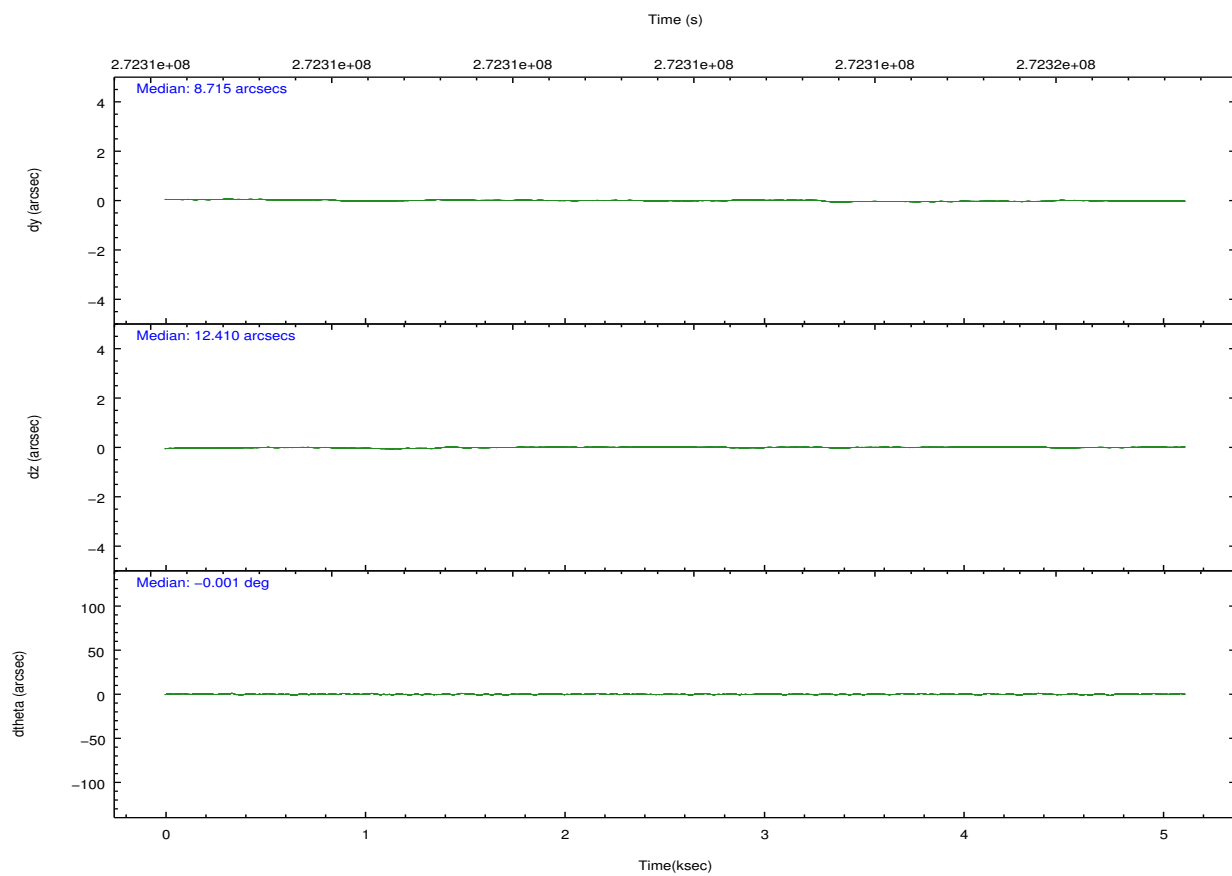
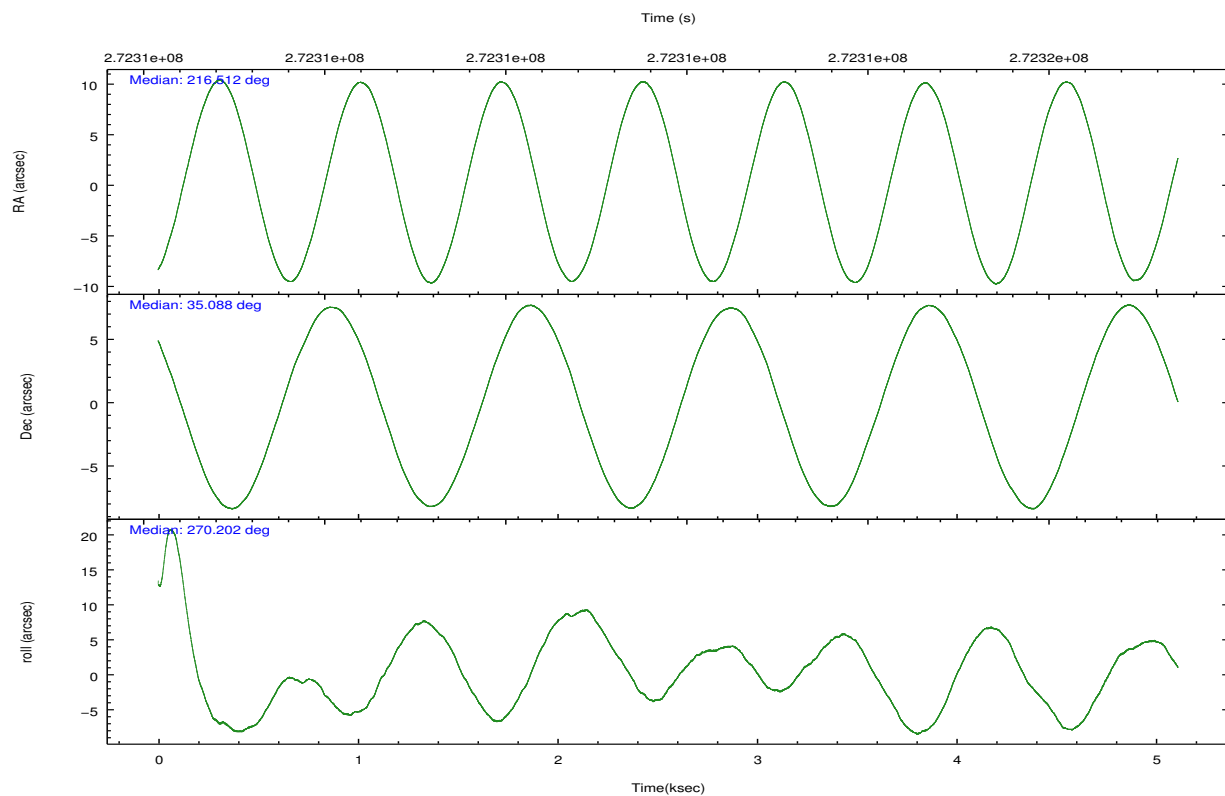
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1182	1104	1241	1259	1130
	3%	3%	3%	3%	3%
grade 1 events	13	26	22	21	13
	0%	0%	0%	0%	0%
grade 2 events	781	741	728	646	757
	2%	2%	2%	1%	2%
grade 3 events	362	433	325	355	388
	1%	1%	0%	1%	1%
grade 4 events	344	380	376	359	387
	1%	1%	1%	1%	1%
grade 5 events	962	1093	886	1130	1068
	3%	3%	2%	3%	3%
grade 6 events	599	724	552	589	694
	1%	2%	1%	1%	2%
grade 7 events	27186	27241	30385	29197	28633
	86%	85%	88%	87%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	216.495343	216.5122808263169	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.111028	35.08742467468251	Alternating exposures requested	N	N
[deg] Pointing Roll	270.011019	270.2099501628463	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	272310514.184000	272310137.82893			
Observation start date	2006-08-18T17:47:29	2006-08-18T17:42:17			
[s] Observation end time (MET)	272315443.184000	272315681.54169			
Observation end date	2006-08-18T19:09:38	2006-08-18T19:14:41			
Read mode	TIMED	TIMED			

2.3 Aspect



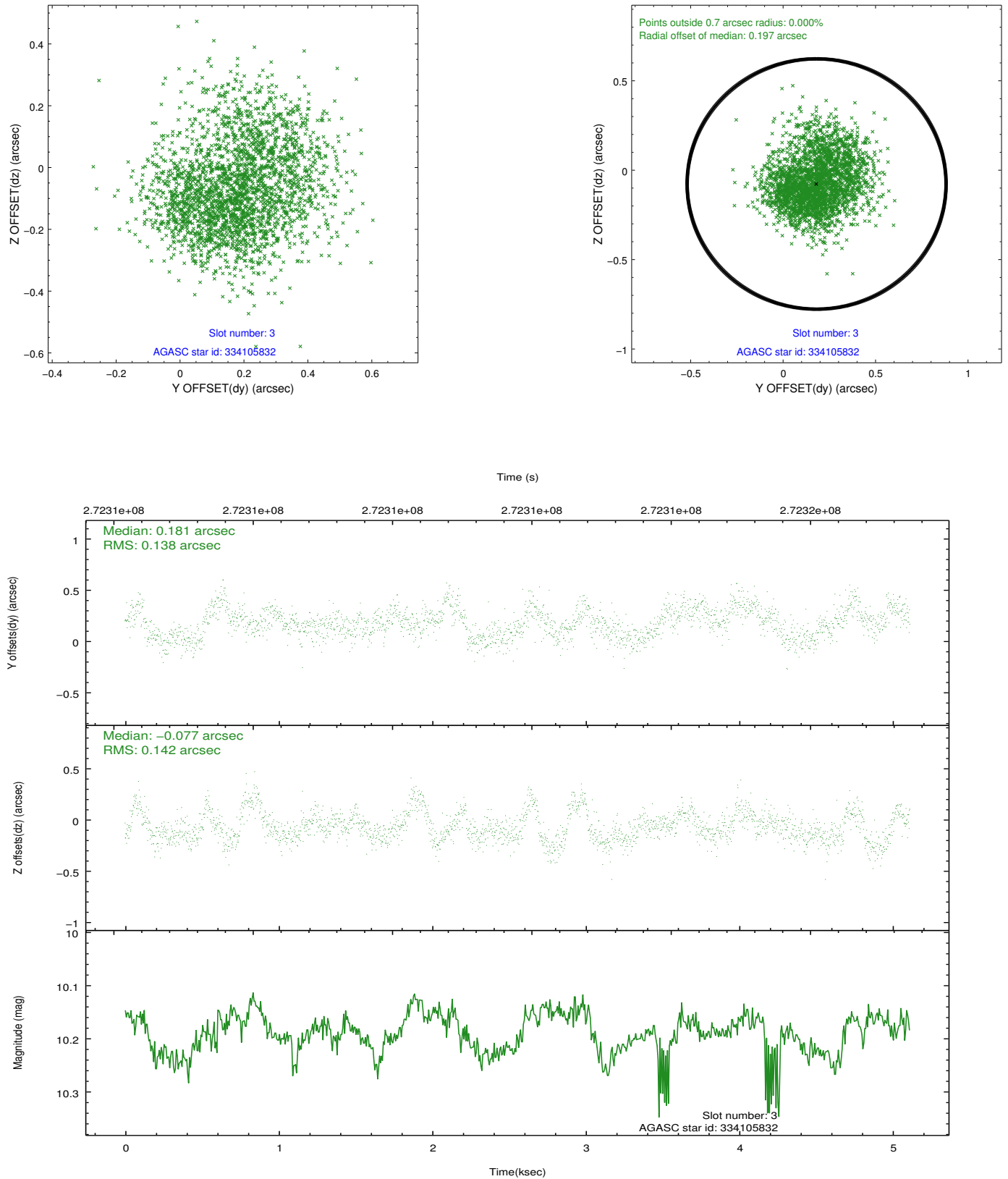


Slot Statistics

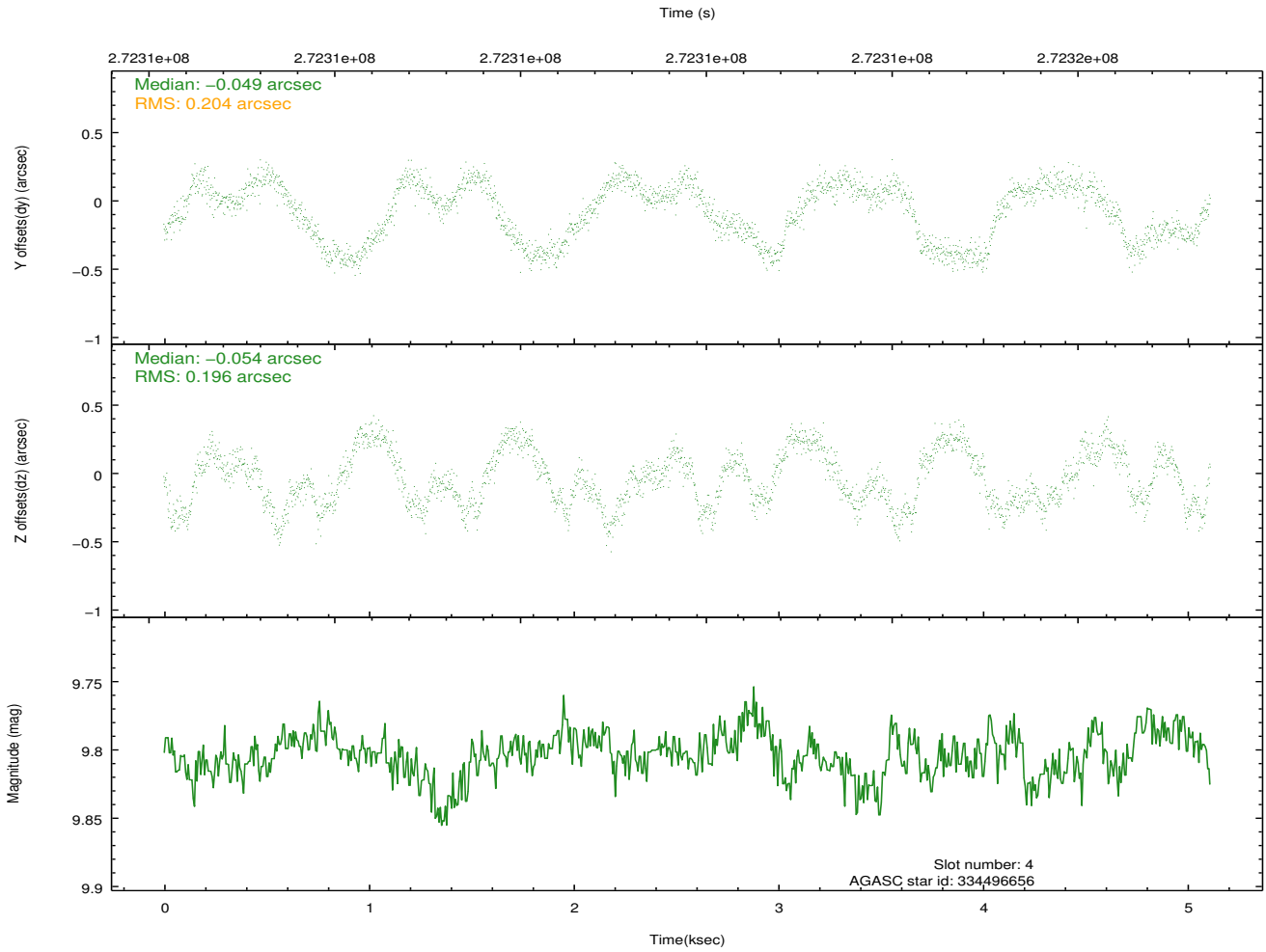
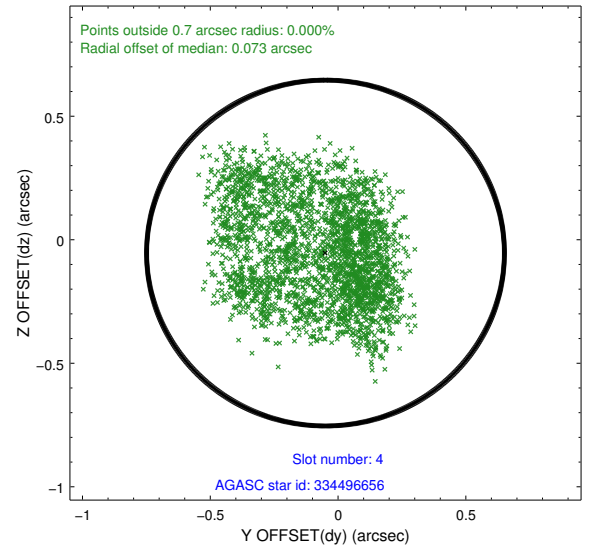
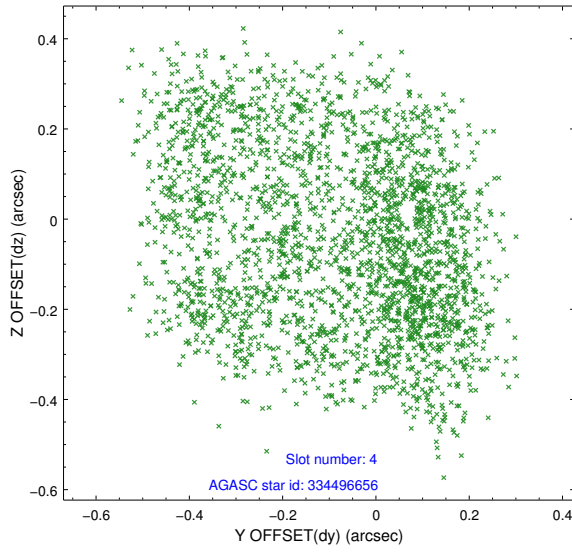
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	1247	0.054	-0.038	0.006	0.010	0.000000	0.000000	930.96	-835.99
1	FID	ACIS-I-5	7.23	1247	-0.196	0.058	0.006	0.010	0.000000	0.000000	-1816.71	1061.04
2	FID	ACIS-I-6	7.24	1247	0.051	0.050	0.007	0.011	0.000000	0.000000	395.25	1706.85
3	GUIDE	334105832	10.19	2481	0.181	-0.077	0.211	0.335	215.847735	34.556918	1989.09	-1920.11
4	GUIDE	334496656	9.80	2492	-0.049	-0.054	0.314	0.447	215.929218	35.031287	283.31	-1669.46
5	GUIDE	335028336	9.47	2493	0.036	0.073	0.105	0.168	217.189840	34.665629	1596.95	2055.94
6	GUIDE	335030384	8.83	2493	0.032	-0.070	0.115	0.183	216.806407	34.722197	1399.43	921.31
7	GUIDE	335414448	7.37	2493	-0.172	0.134	0.121	0.219	216.992261	35.577204	-1680.51	1456.22

2.4 Star Slots

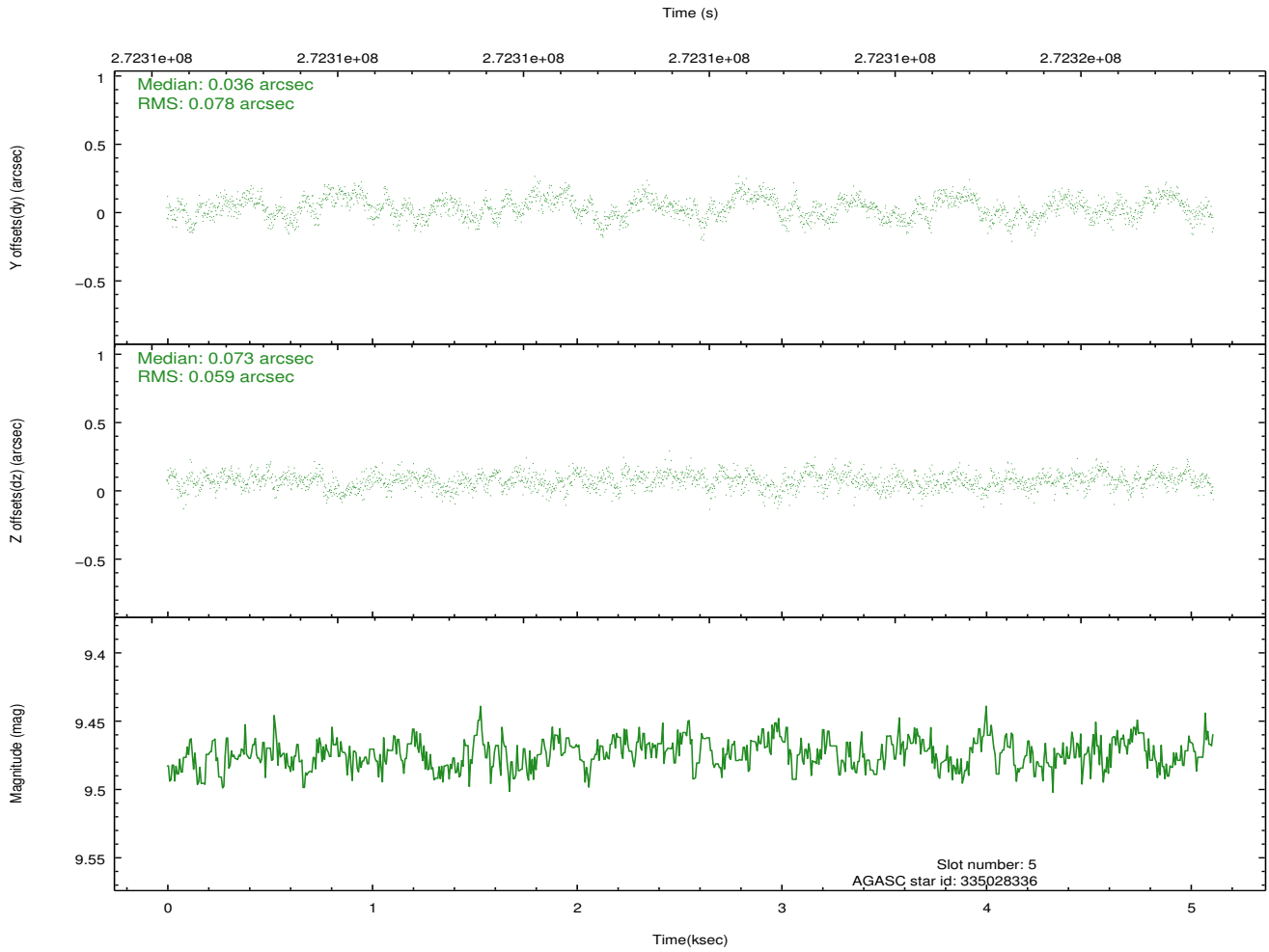
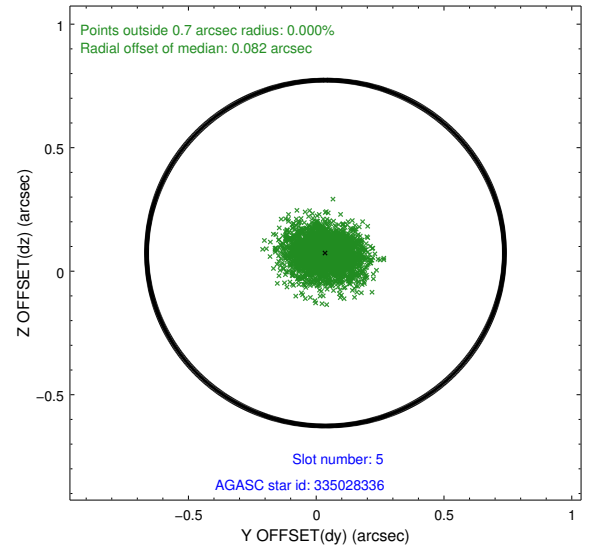
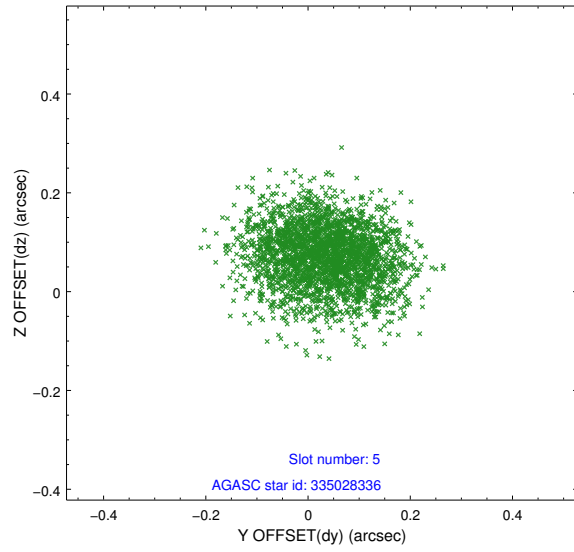
2.4.1 Slot 3



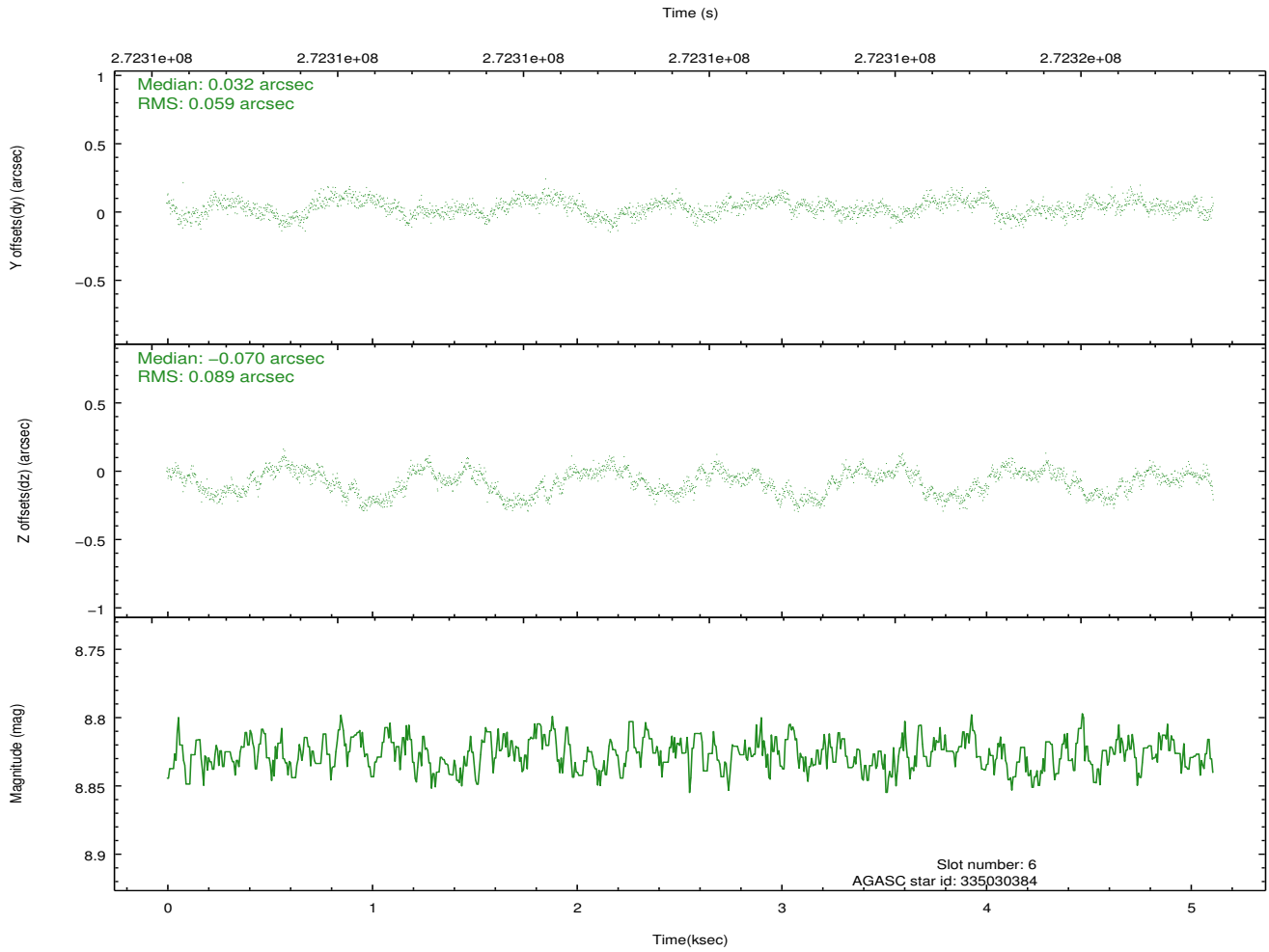
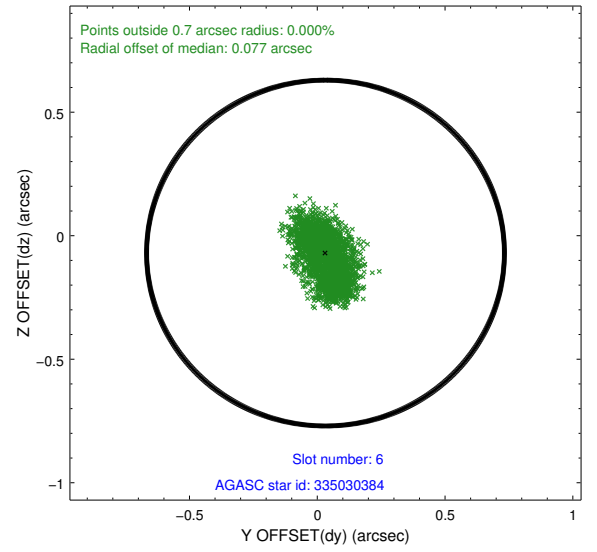
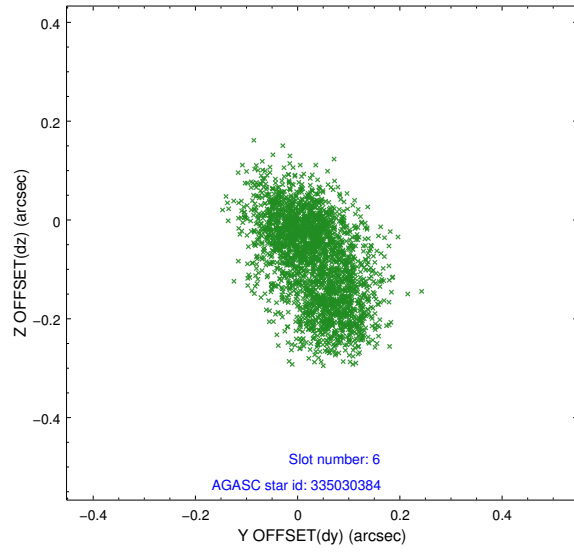
2.4.2 Slot 4



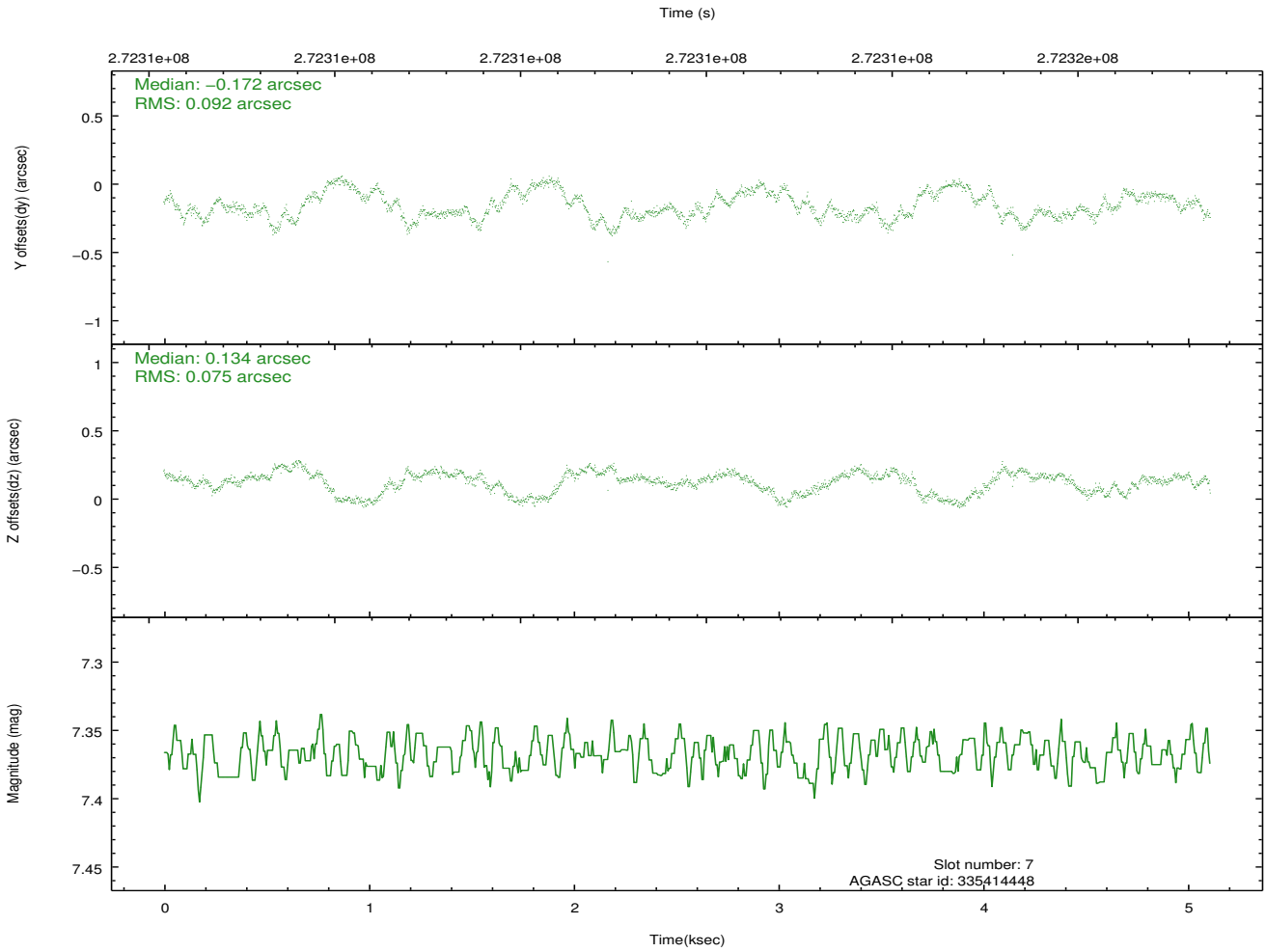
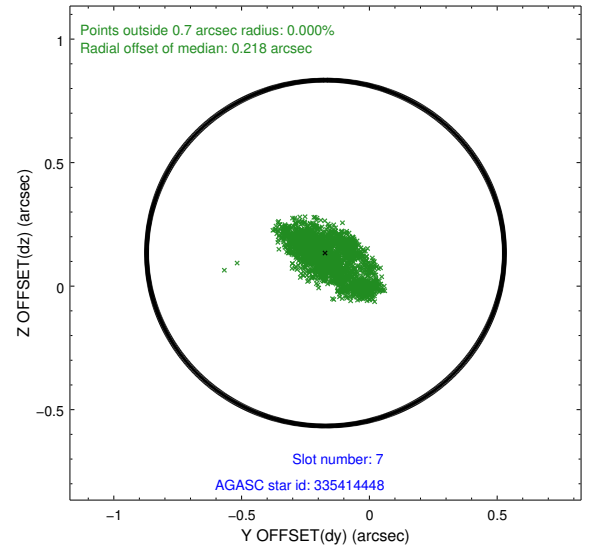
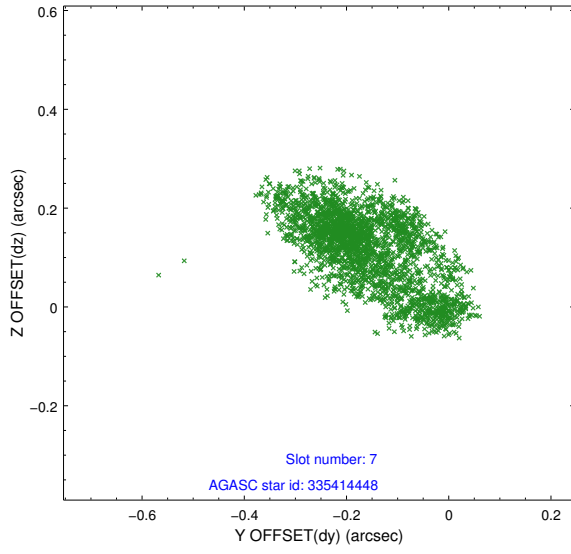
2.4.3 Slot 5



2.4.4 Slot 6

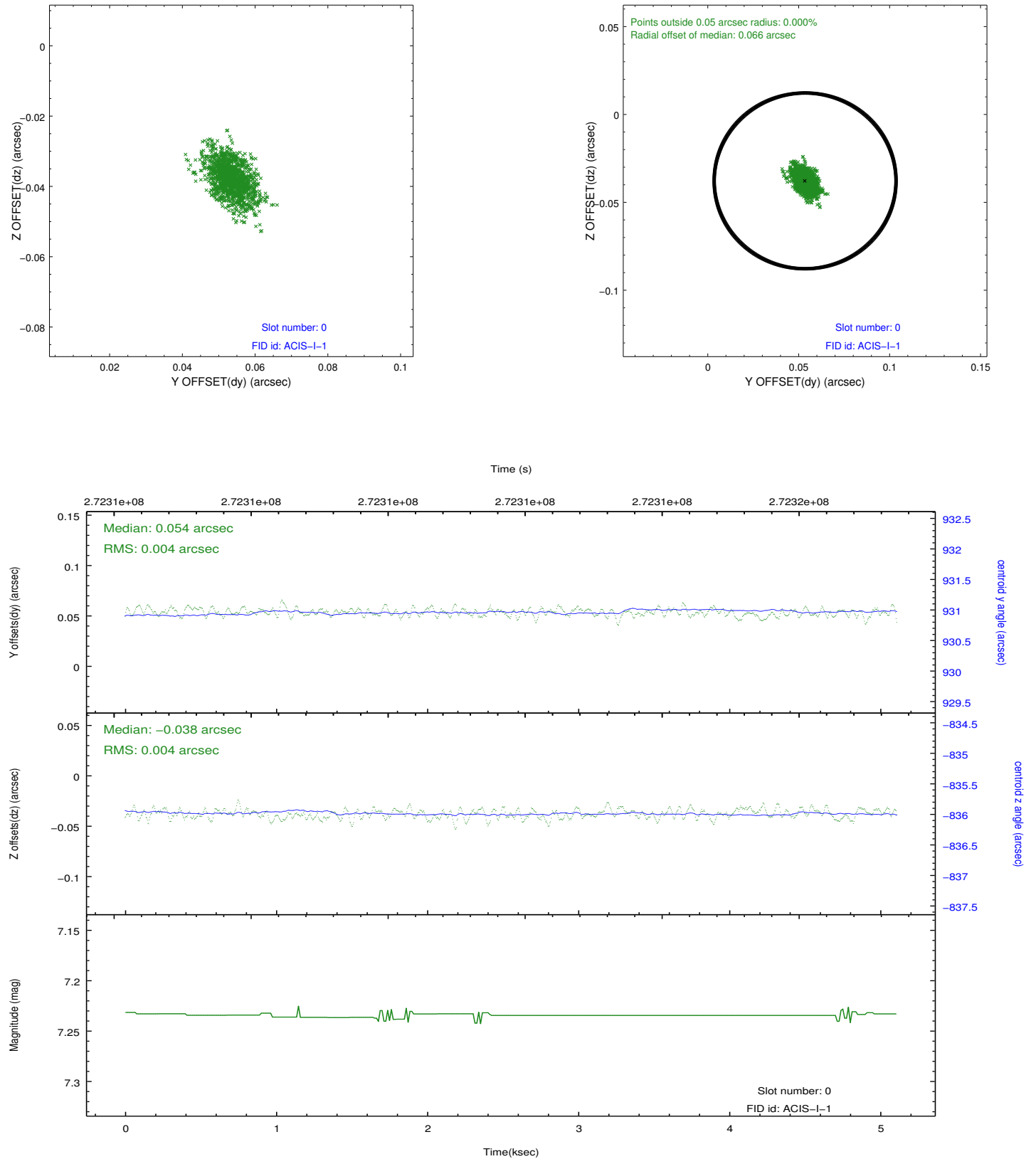


2.4.5 Slot 7

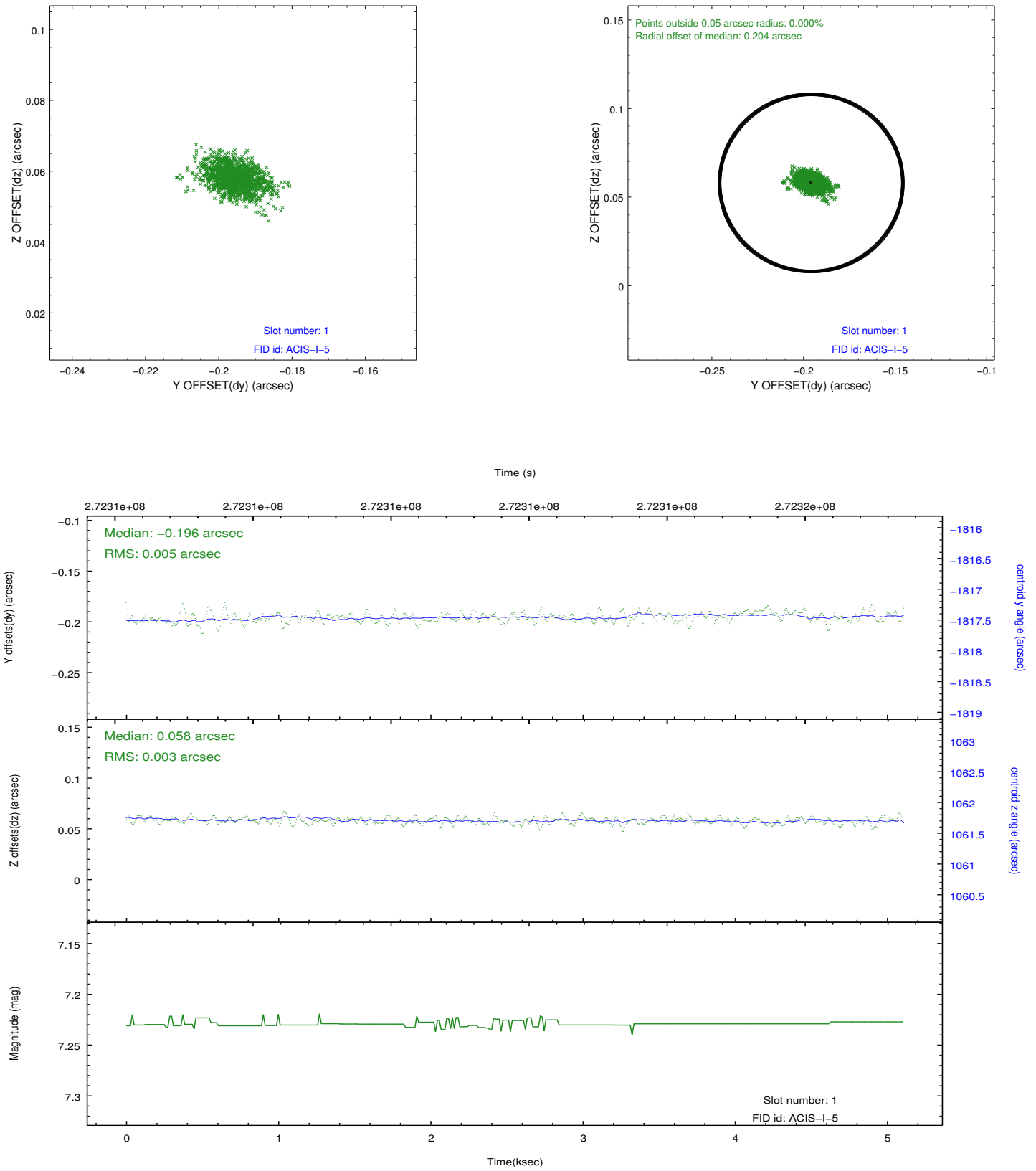


2.5 FID Slots

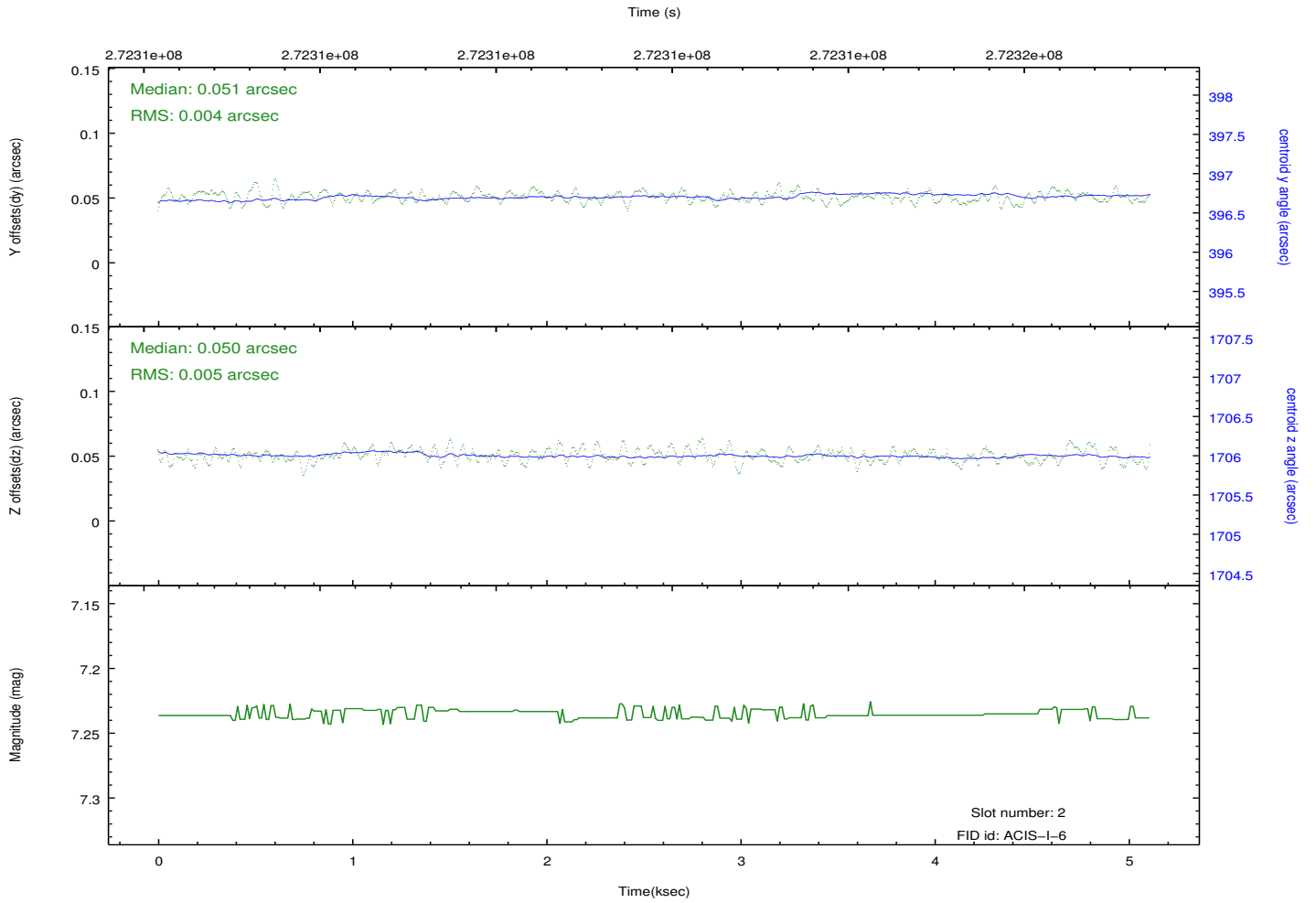
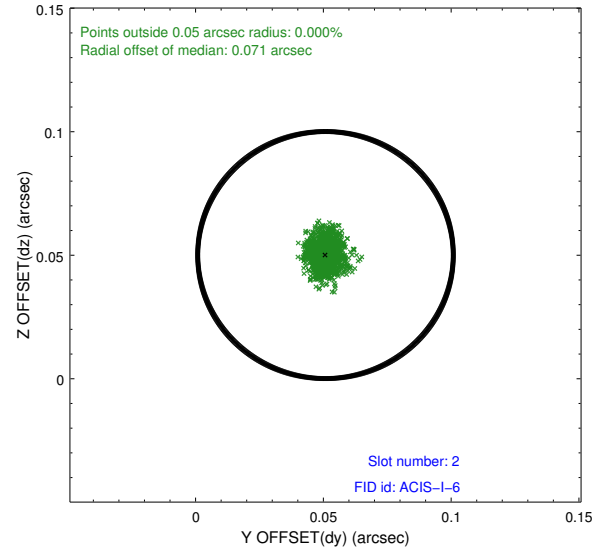
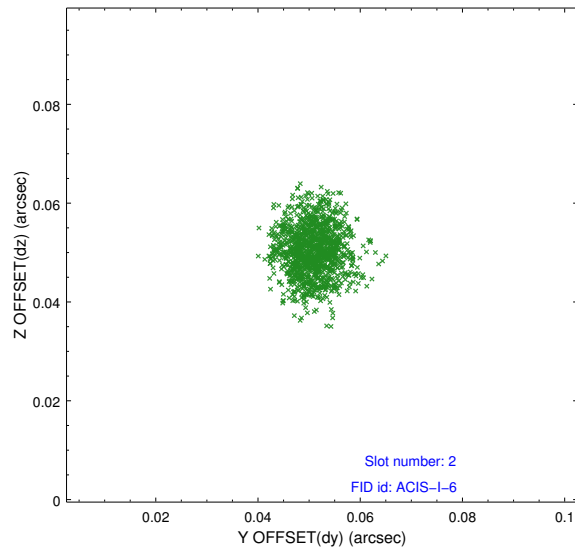
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.70580003

A.2 Comments