

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7377 - L2 Version 2
Chandra X-Ray Center

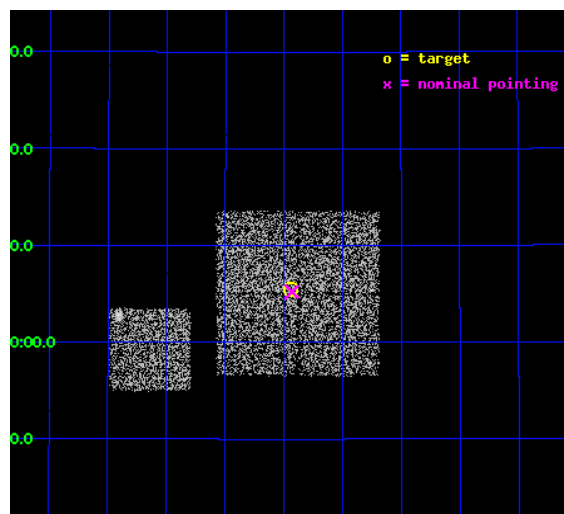
L2 Processing Date : Apr 7 2012

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1 Front

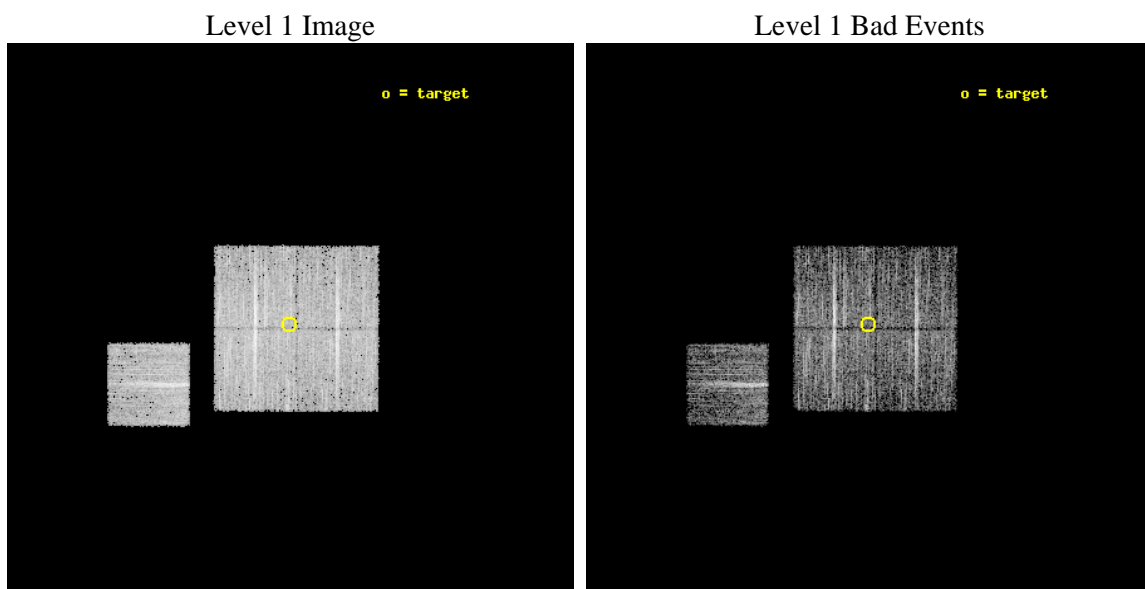
seq_num	900474	Sequence number
obs_id	7377	Observation id
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)	Propo
observer	Dr Stephen Murray	Principal investigator
object	Bootes2 14	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.23529	Observer's specified target RA [deg]
dec_targ	35.091426	Observer's specified target Dec [deg]
ra_nom	218.23312808205	Nominal RA [deg]
dec_nom	35.087042261239	Nominal Dec [deg]
roll_nom	270.20998195604	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4882.5000375509	Sum of GTIs [s]
livetime	4818.7065801161	Livetime [s]
ontime0	4882.5000375509	Sum of GTIs [s]
ontime1	4882.5000375509	Sum of GTIs [s]
ontime2	4882.5000375509	Sum of GTIs [s]
ontime3	4882.5000375509	Sum of GTIs [s]
ontime6	4882.5000375509	Sum of GTIs [s]
l2events	13845	Number of level 2 events



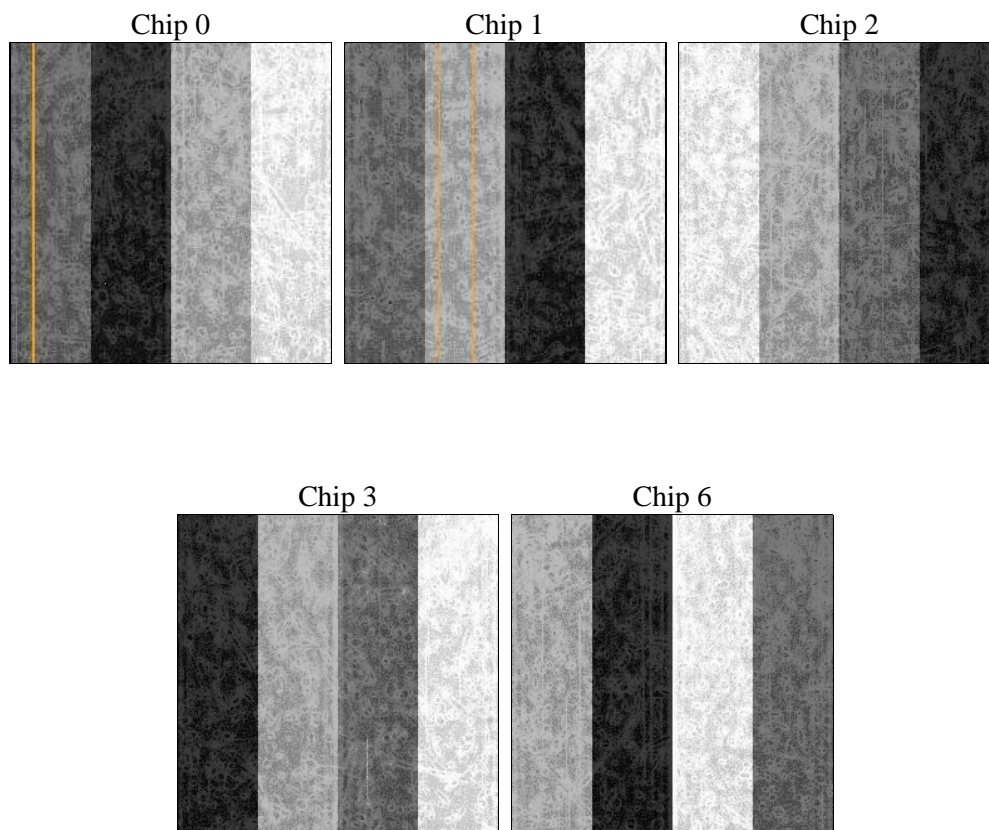
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4700.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	4882.5000375509	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	4882.5000375509	Sum of GTIs [s]
date	2012-04-07T10:11:46	Date and time of file creation	ontime1	4882.5000375509	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4882.5000375509	Sum of GTIs [s]
			ontime3	4882.5000375509	Sum of GTIs [s]
			ontime6	4882.5000375509	Sum of GTIs [s]
			l1events	180146	Number of level 1 events

2.1.4 Events

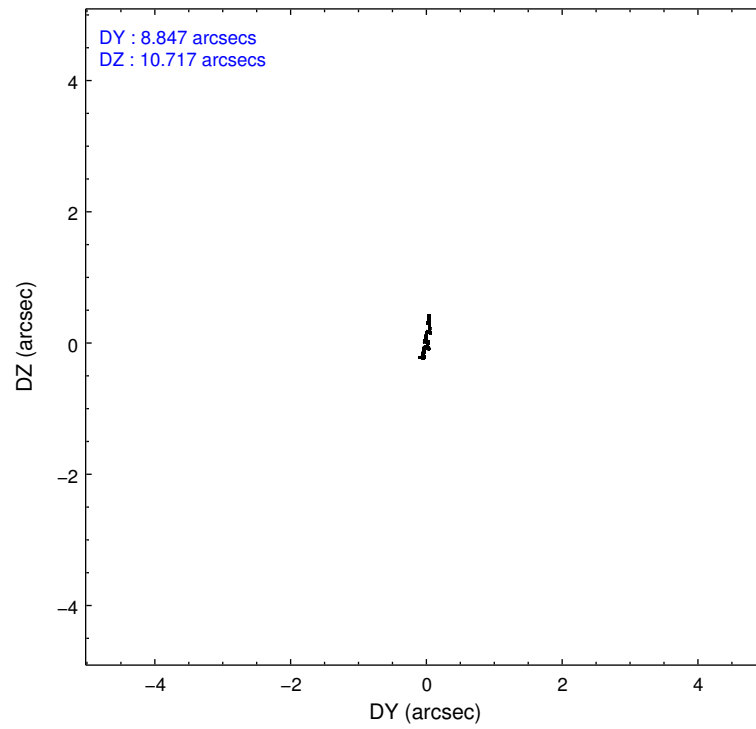
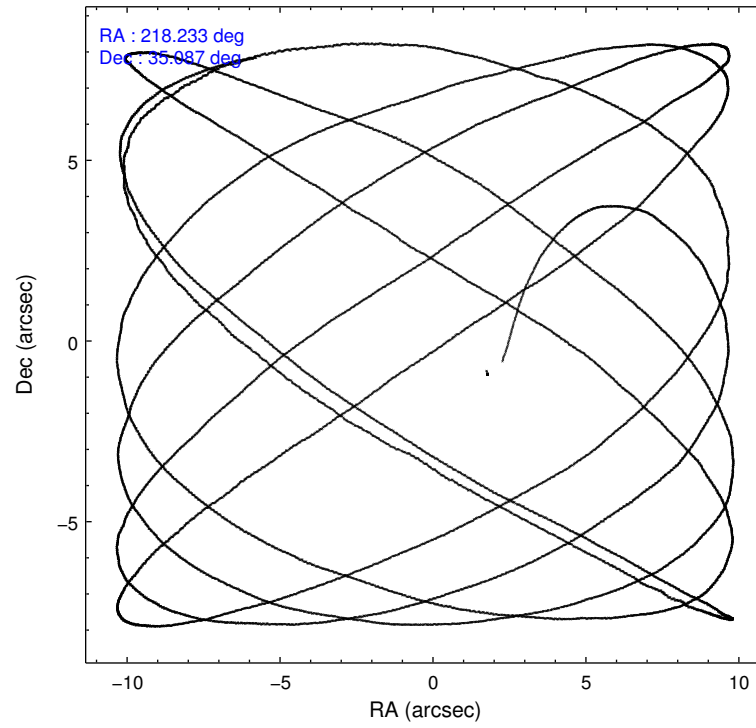
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	34319	32451	40269	38215	34892
rejected events	30968	28919	36975	35004	31340
rejected %	90%	89%	91%	91%	89%

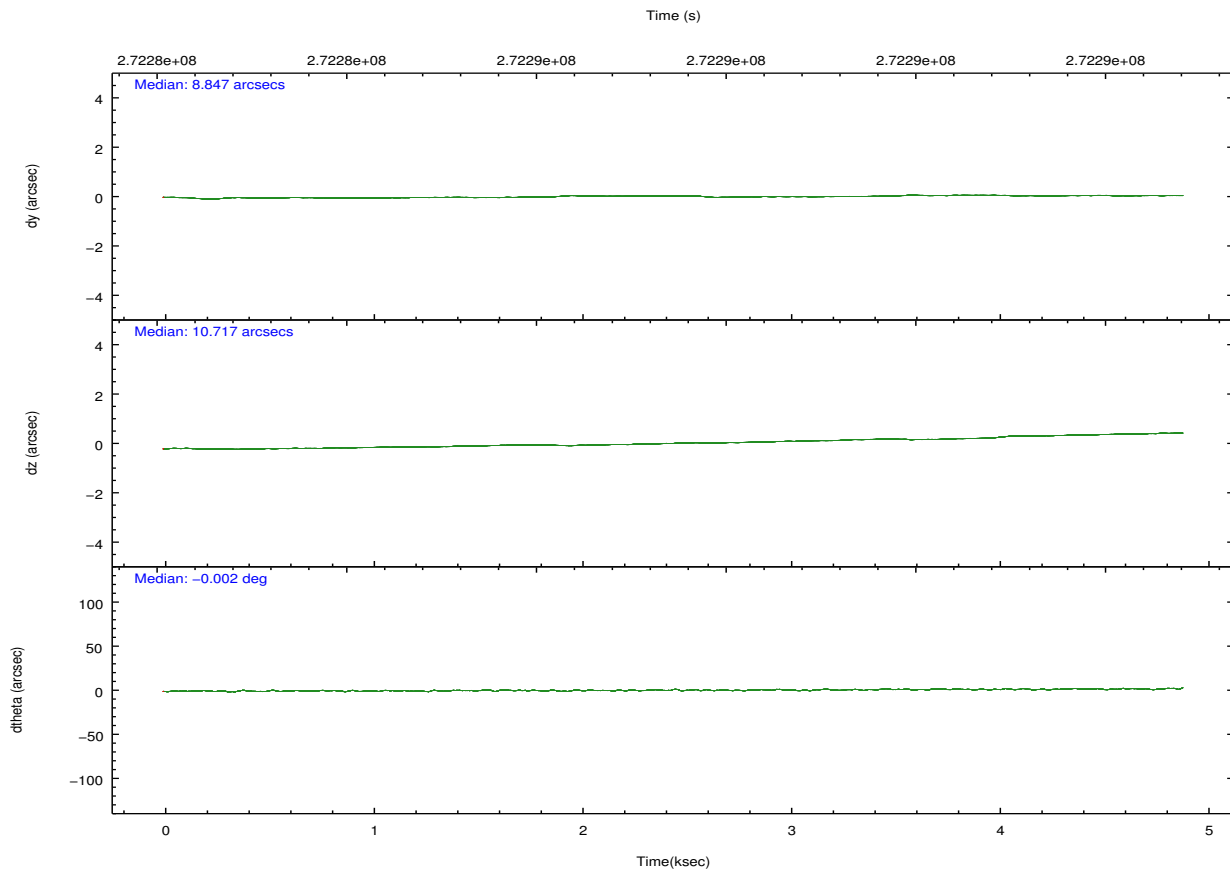
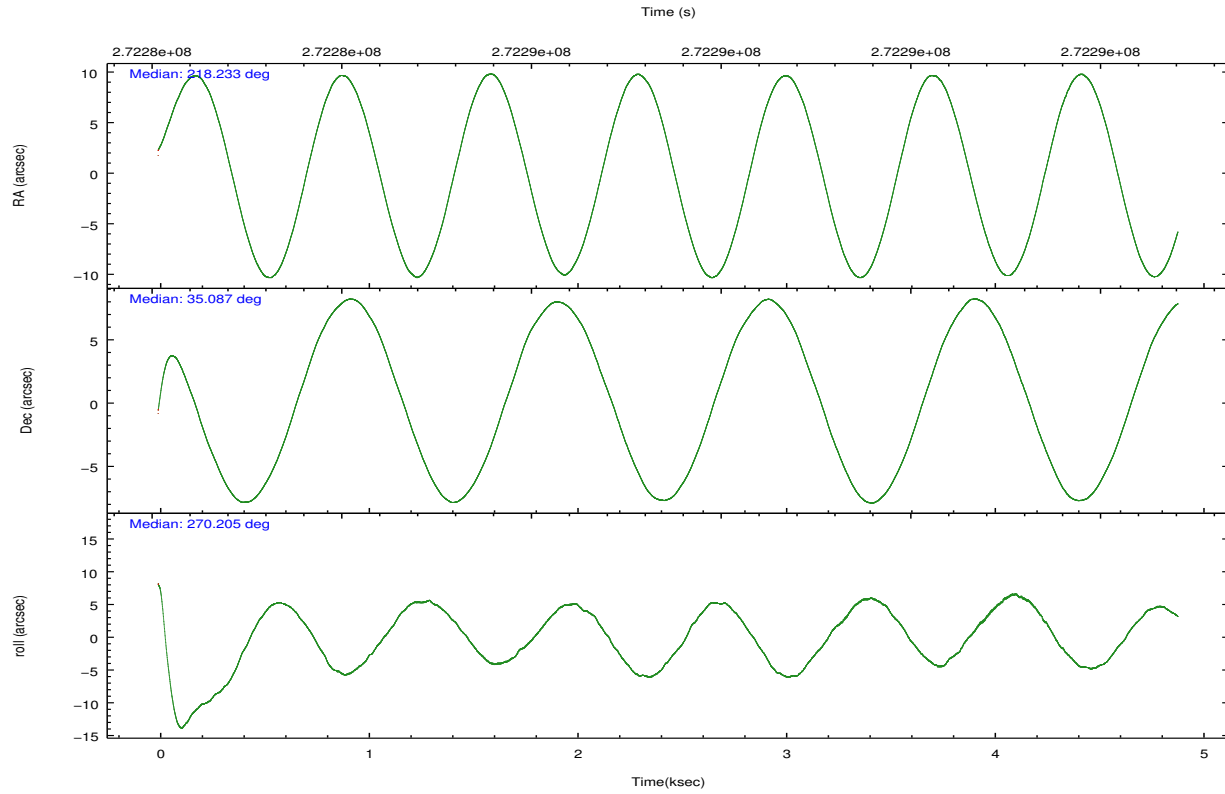
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1222	1214	1255	1234	1360
	3%	3%	3%	3%	3%
grade 1 events	16	16	26	18	22
	0%	0%	0%	0%	0%
grade 2 events	874	842	785	695	758
	2%	2%	1%	1%	2%
grade 3 events	387	456	366	381	396
	1%	1%	0%	0%	1%
grade 4 events	367	407	362	377	408
	1%	1%	0%	0%	1%
grade 5 events	1030	1116	955	1219	1218
	3%	3%	2%	3%	3%
grade 6 events	595	722	601	615	726
	1%	2%	1%	1%	2%
grade 7 events	29828	27678	35919	33676	30004
	86%	85%	89%	88%	85%

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	218.216142	218.2331280820534	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.110737	35.08704226123881	Alternating exposures requested	N	N
[deg] Pointing Roll	270.011017	270.2099819560424	[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)	272284464.184000	272283391.47767			
Observation start date	2006-08-18T10:33:19	2006-08-18T10:16:31			
[s] Observation end time (MET)	272289164.184000	272289298.04045			
Observation end date	2006-08-18T11:51:39	2006-08-18T11:54:58			
Read mode	TIMED	TIMED			

2.3 Aspect



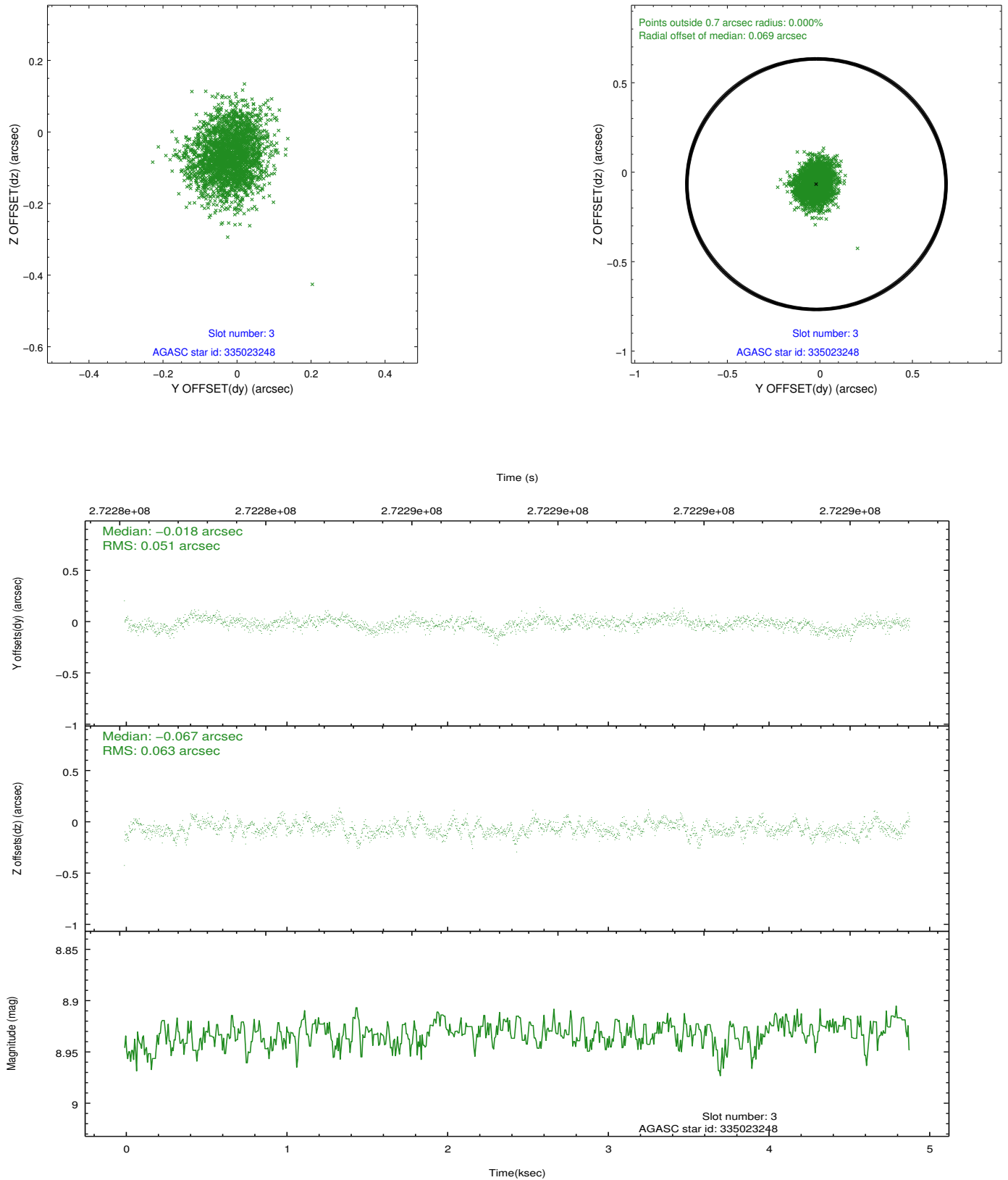


Slot Statistics

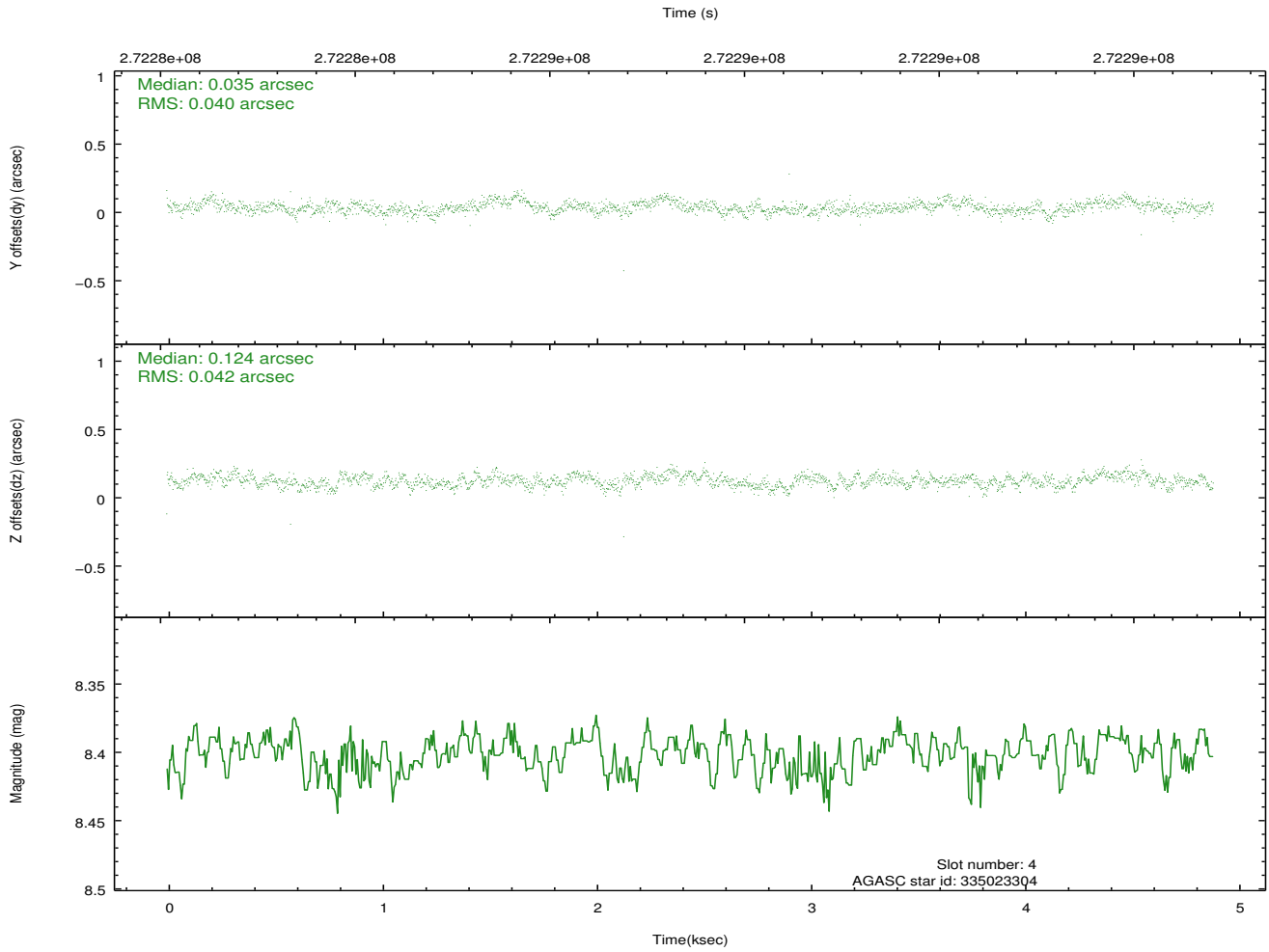
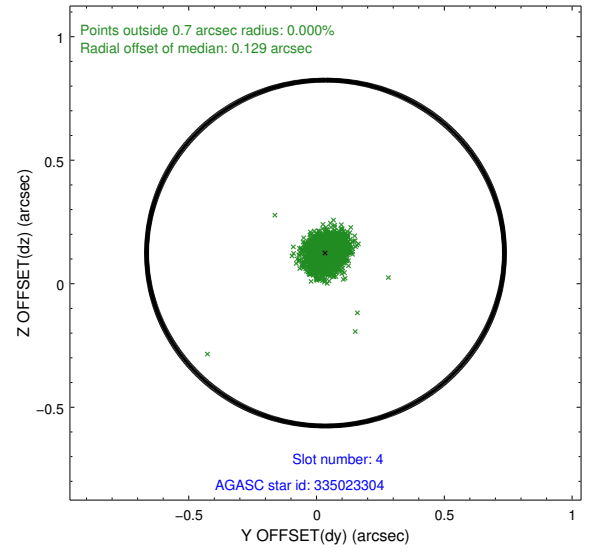
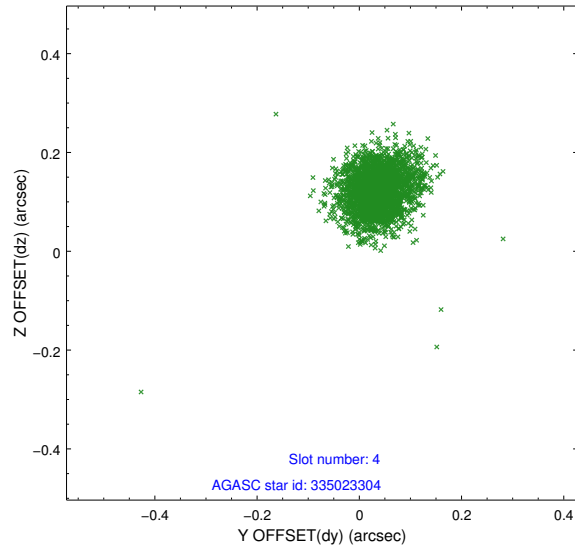
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1193	0.051	-0.049	0.011	0.018	0.000000	0.000000	930.83	-834.29
1	FID	ACIS-I-5	7.23	1193	-0.215	0.047	0.008	0.012	0.000000	0.000000	-1816.83	1062.69
2	FID	ACIS-I-6	7.25	1193	0.072	0.073	0.008	0.013	0.000000	0.000000	395.06	1708.62
3	GUIDE	335023248	8.93	2383	-0.018	-0.067	0.087	0.141	217.634832	34.944512	593.40	-1715.24
4	GUIDE	335023304	8.40	2383	0.035	0.124	0.059	0.097	218.883608	34.686545	1521.20	1975.42
5	GUIDE	335415168	9.80	2381	0.125	-0.000	0.136	0.210	217.681296	35.301767	-691.30	-1571.05
6	GUIDE	335419056	10.28	2384	-0.121	-0.014	0.174	0.290	217.429800	35.467704	-1293.92	-2306.48
7	GUIDE	335422272	9.47	2384	-0.011	-0.038	0.107	0.168	217.586135	35.522660	-1489.65	-1846.40

2.4 Star Slots

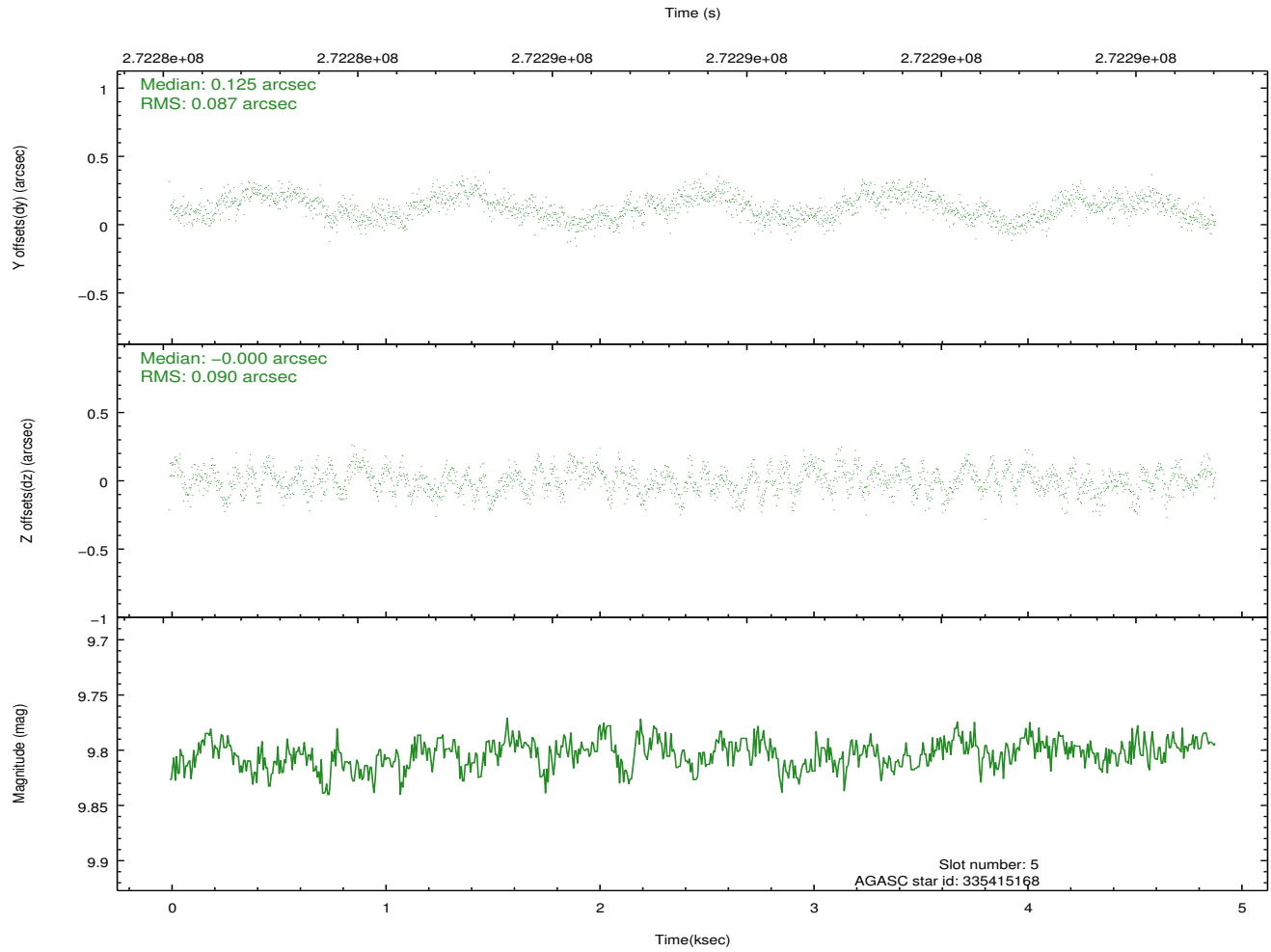
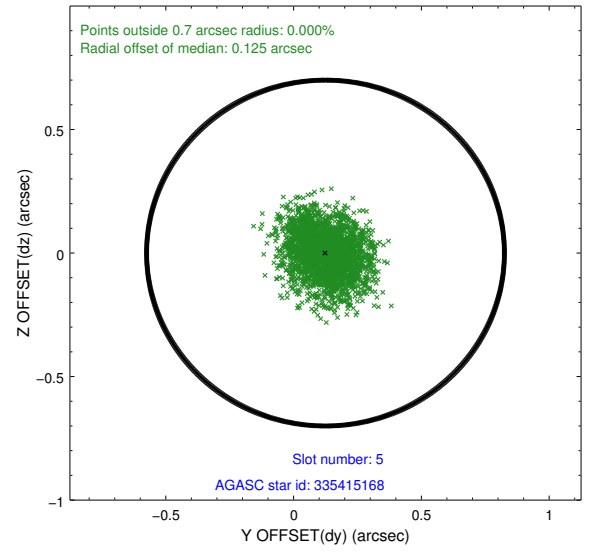
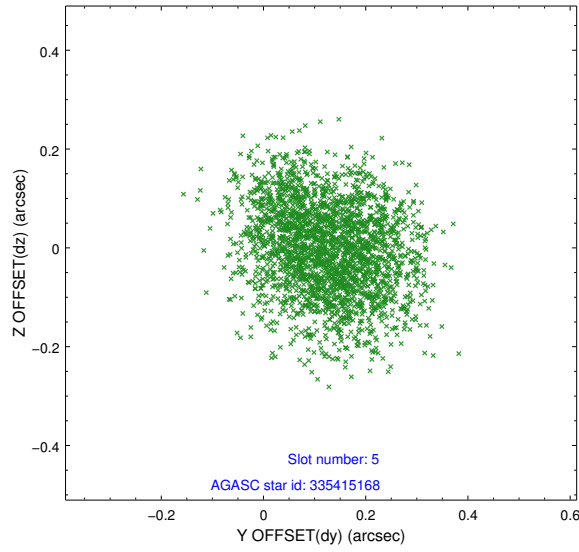
2.4.1 Slot 3



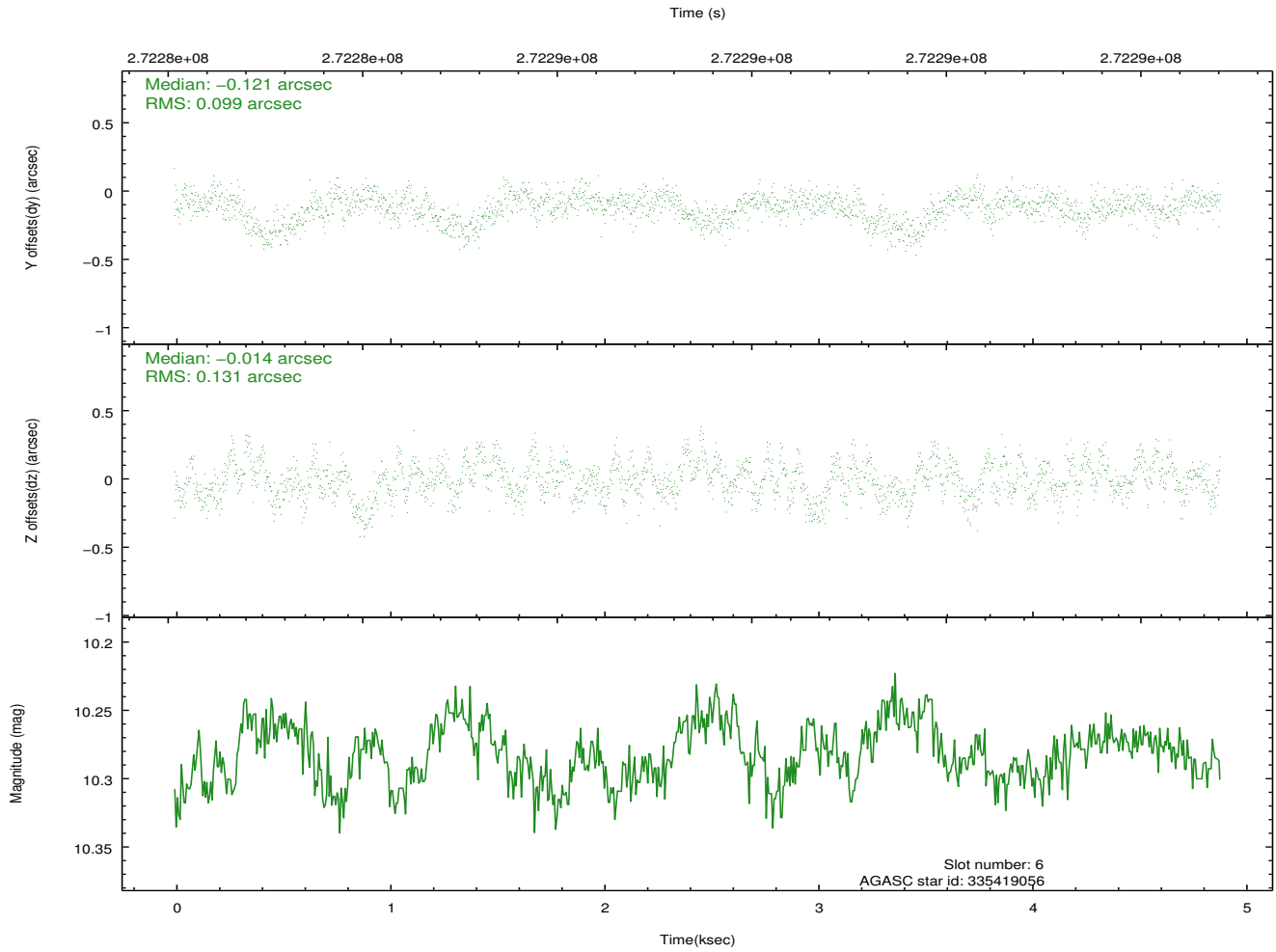
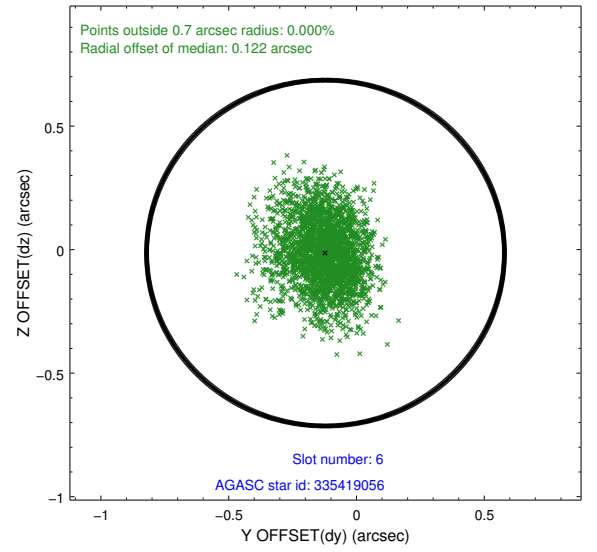
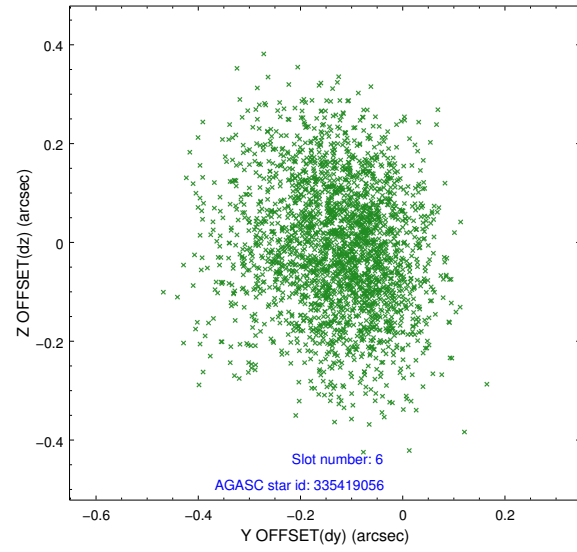
2.4.2 Slot 4



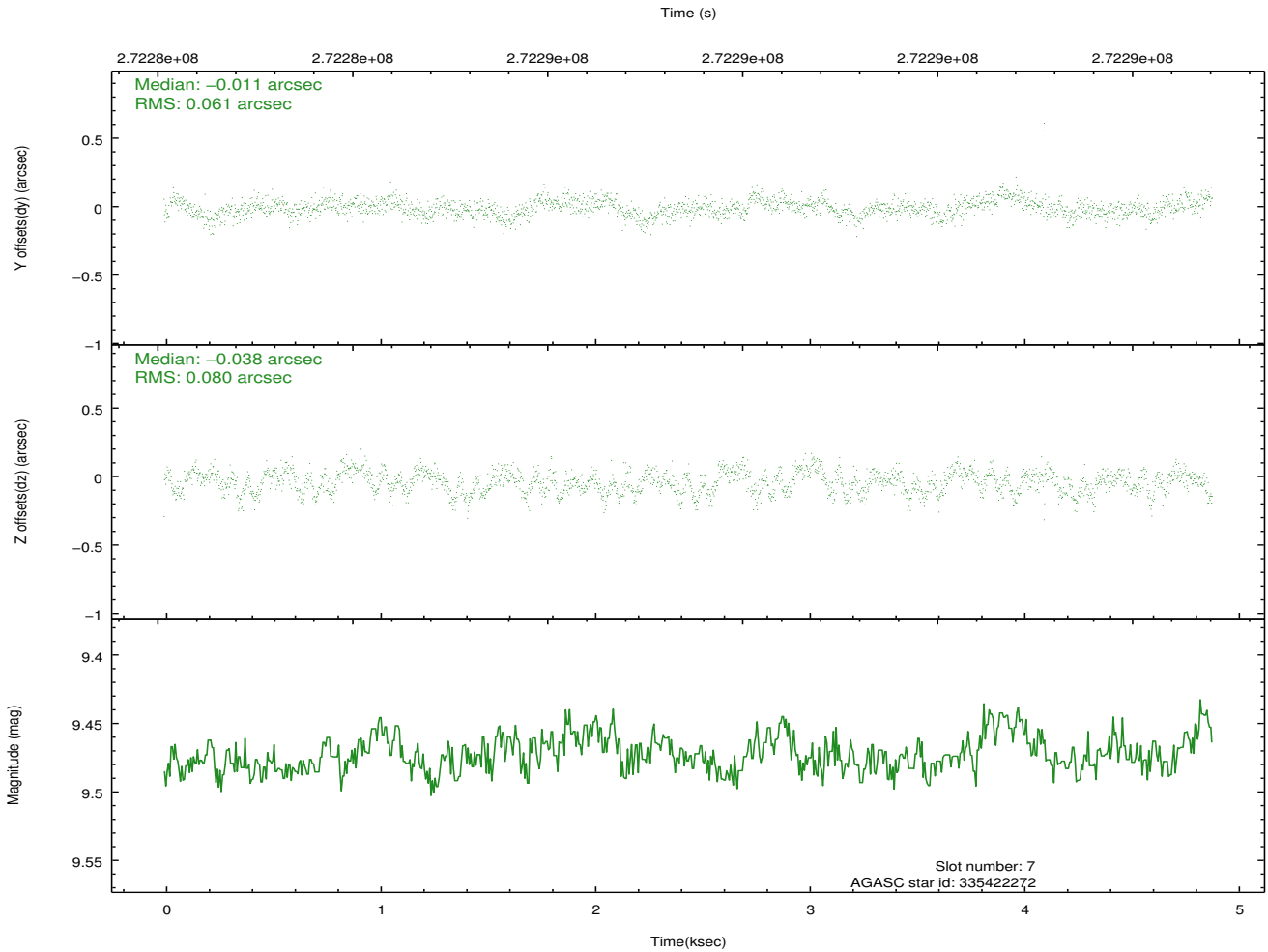
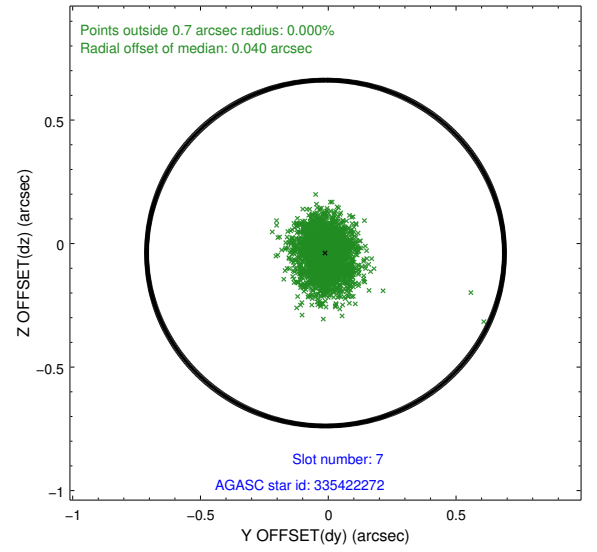
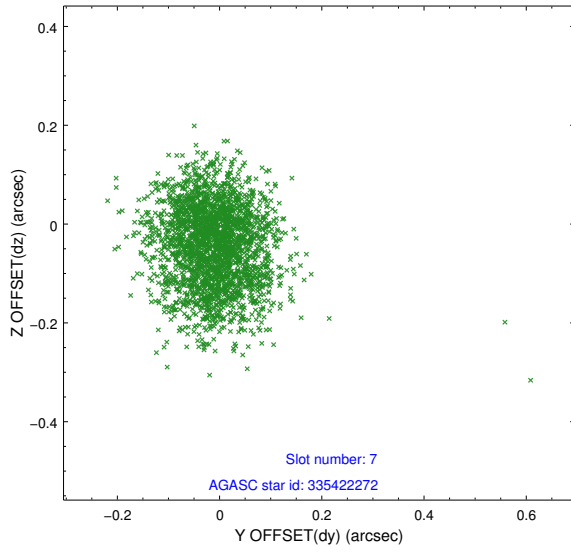
2.4.3 Slot 5



2.4.4 Slot 6

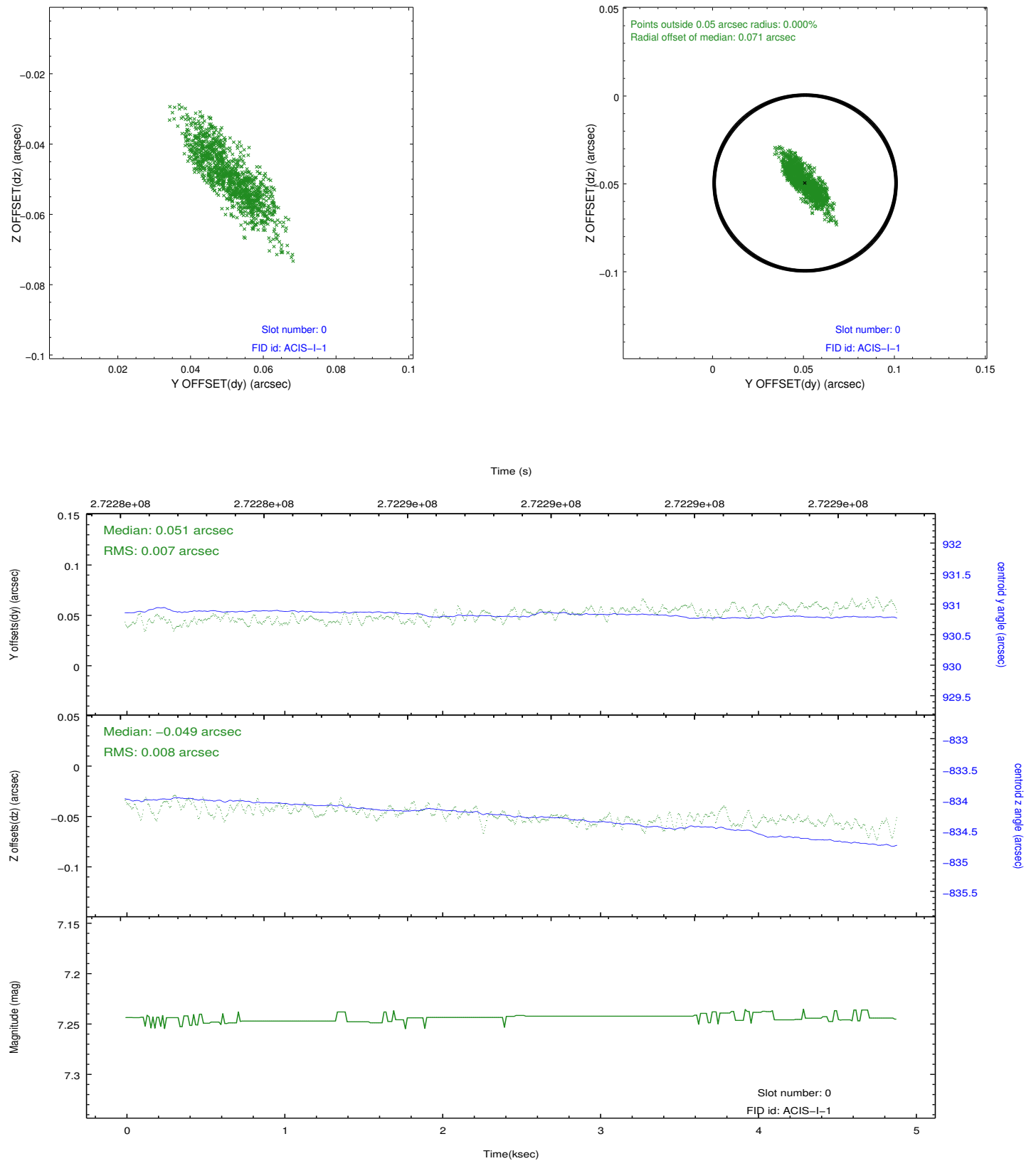


2.4.5 Slot 7

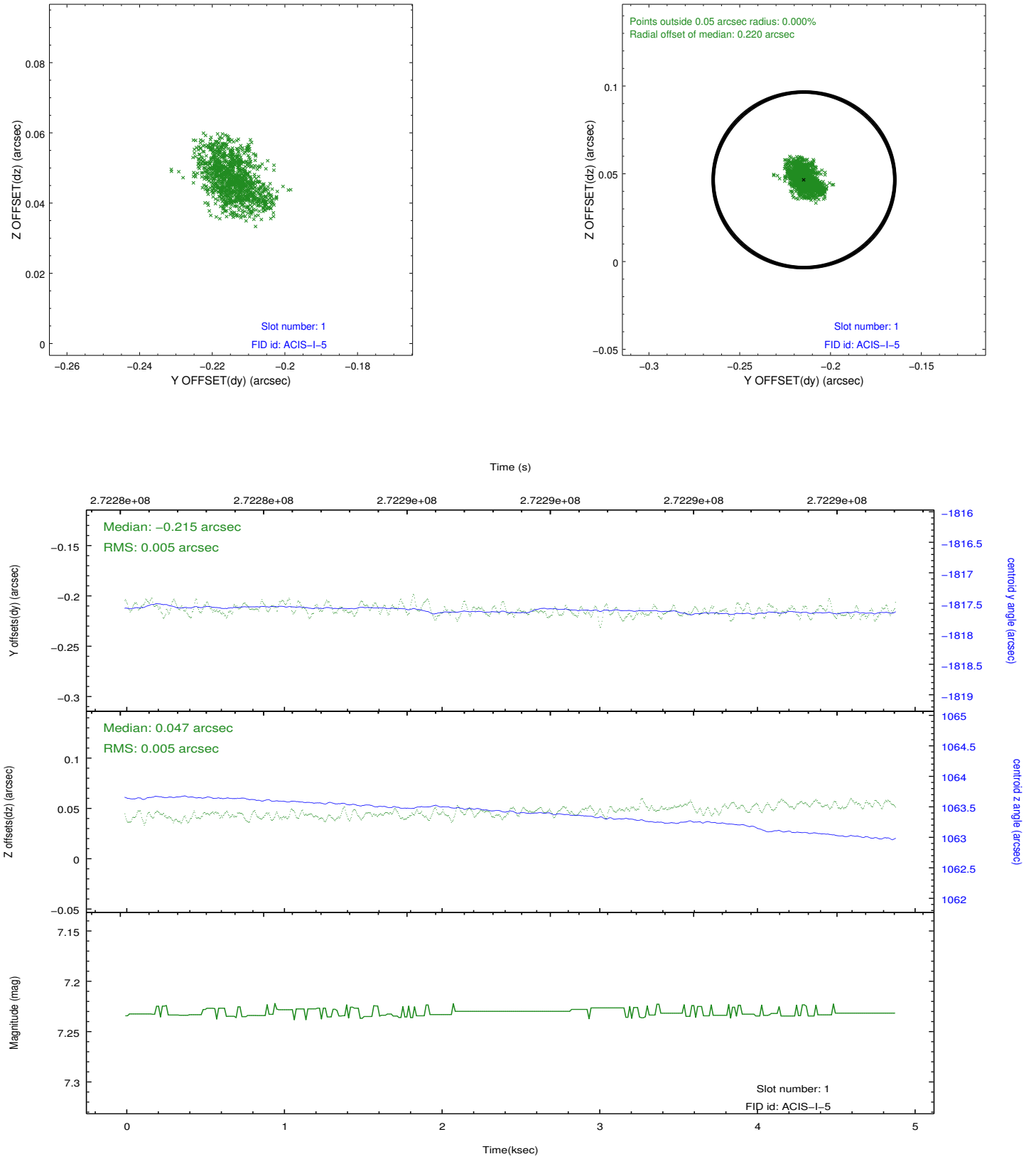


2.5 FID Slots

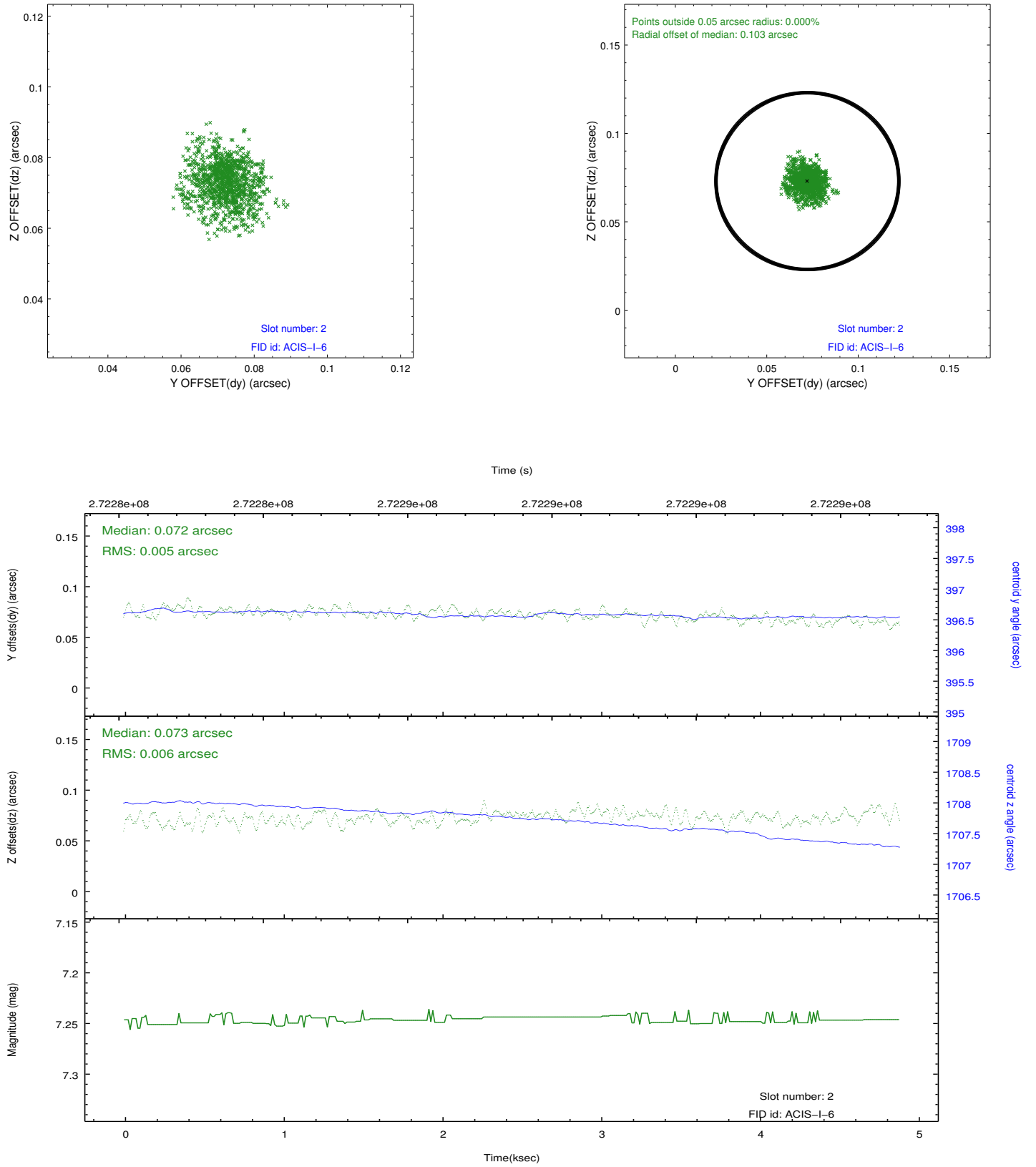
2.5.1 Slot 0



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	4.88250003

A.2 Comments