

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4494 - L2 Version 001
Chandra X-Ray Center

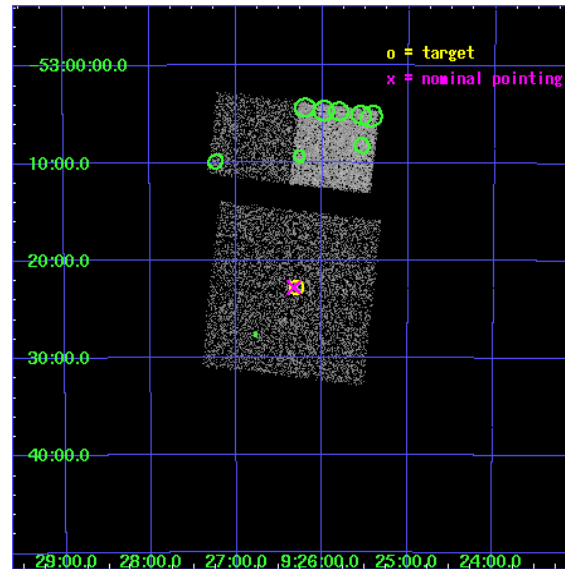
L2 Processing Date : Jun 4 2006

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1 Front

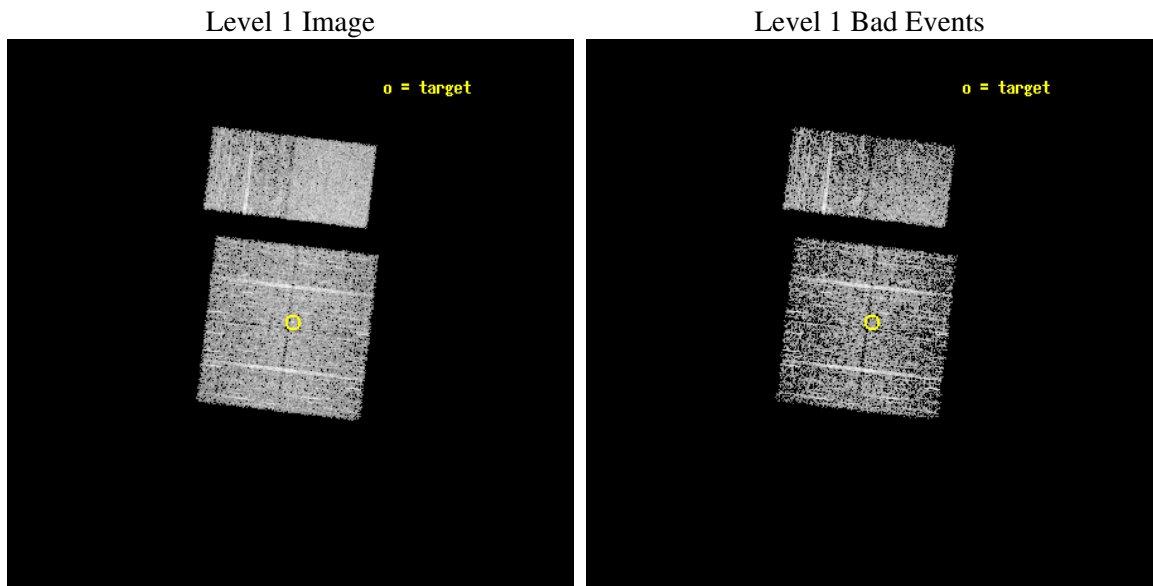
seq_num	200263
obs_id	4494
title	Planet formation and the missing 10 Myr old stars
observer	Prof. Eric Feigelson
object	HIP 46283
dtcycle	0
cycle	P
ra_targ	141.575
dec_targ	-53.378889
ra_nom	141.58213440962
dec_nom	-53.380163310278
roll_nom	6.6965311047336
revision	2
ontime	3276.799987793
livetime	3235.3071732955
ontime0	3276.799987793
ontime1	3276.799987793
ontime2	3276.799987793
ontime3	3276.799987793
ontime6	3276.799987793
ontime7	3276.799987793
l2events	20867



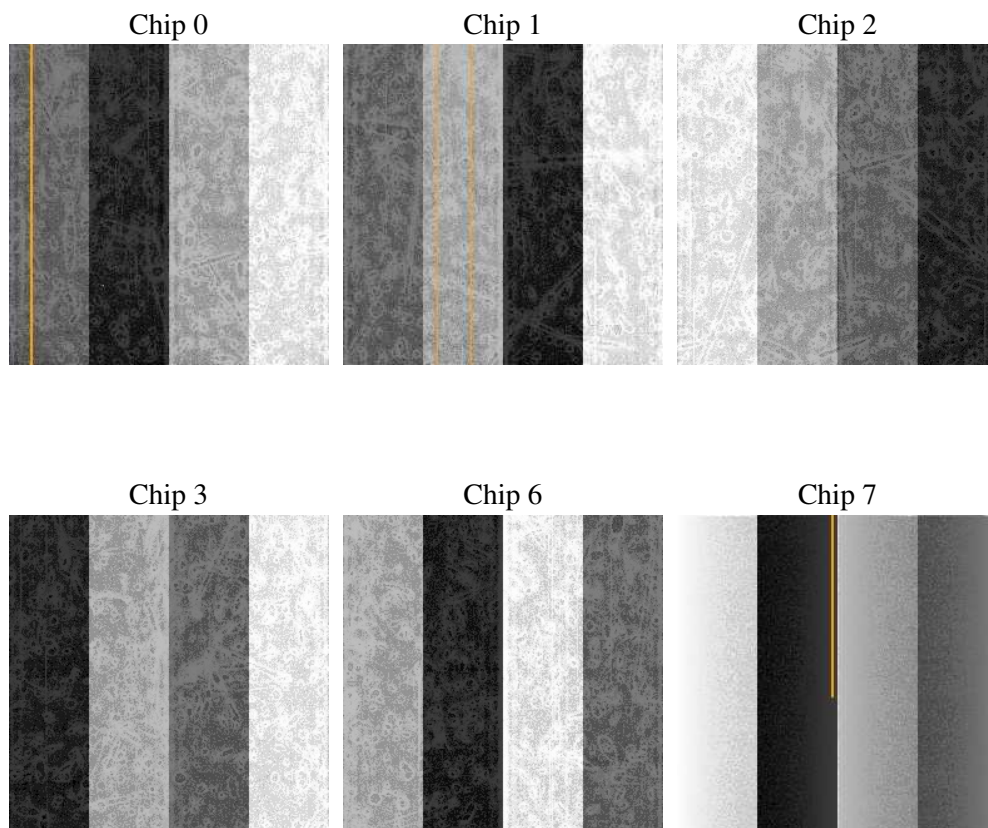
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-04T06:17:22
revision	2

sched_exp_time	3152.000000
ontime	3279.892863512
ontime0	3279.892863512
ontime1	3279.892863512
ontime2	3279.892863512
ontime3	3279.892863512
ontime6	3279.892863512
ontime7	3279.8928934336
l1events	123567

2.1.4 Events

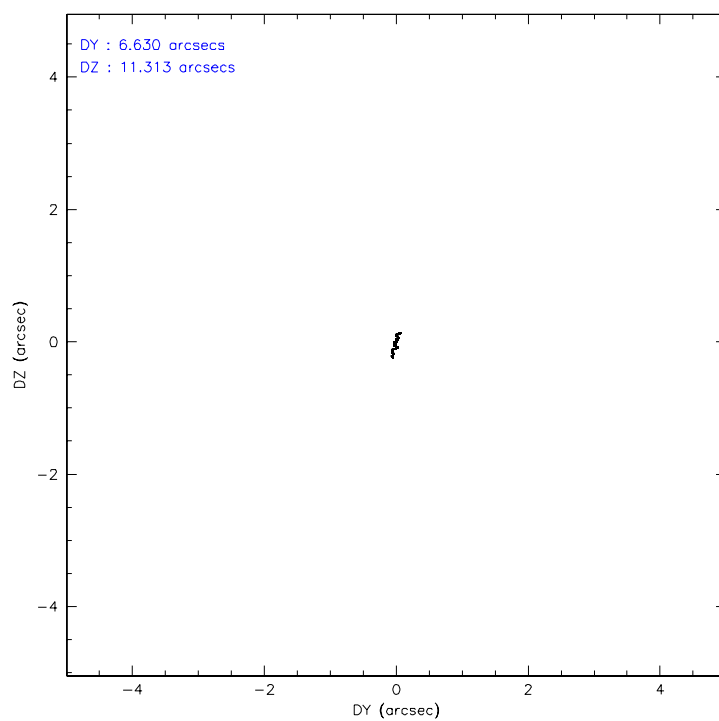
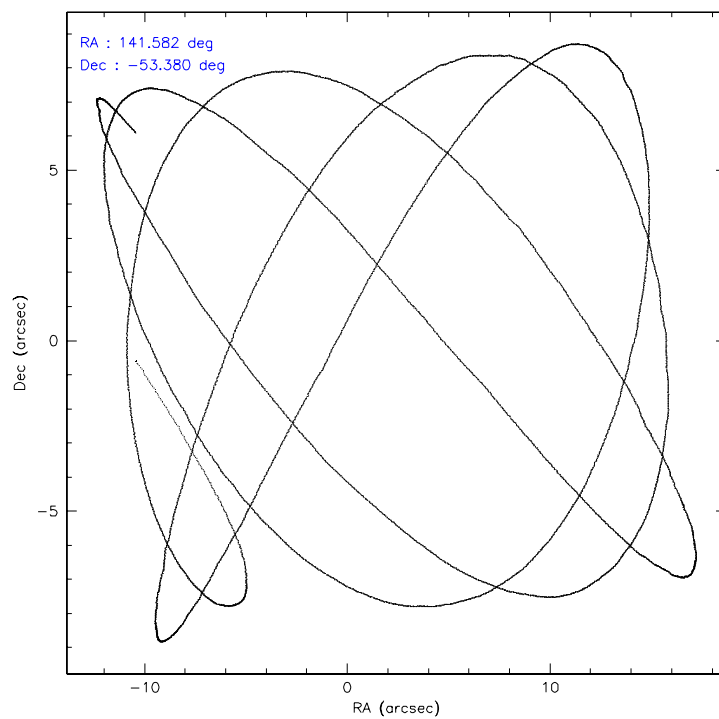
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	18125	18653	18899	19494	20894	27502
rejected events	15686	16077	16594	17026	18454	17059
rejected %	86%	86%	87%	87%	88%	62%

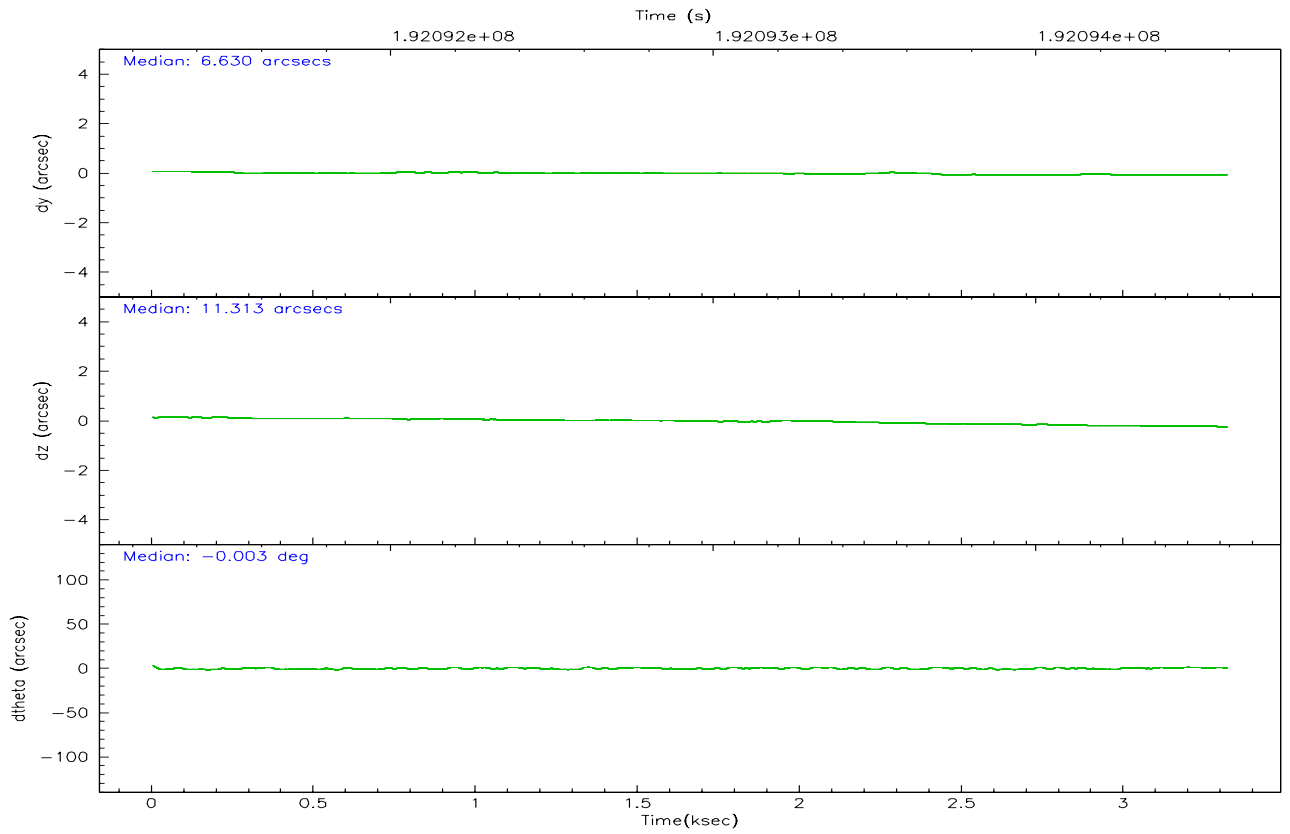
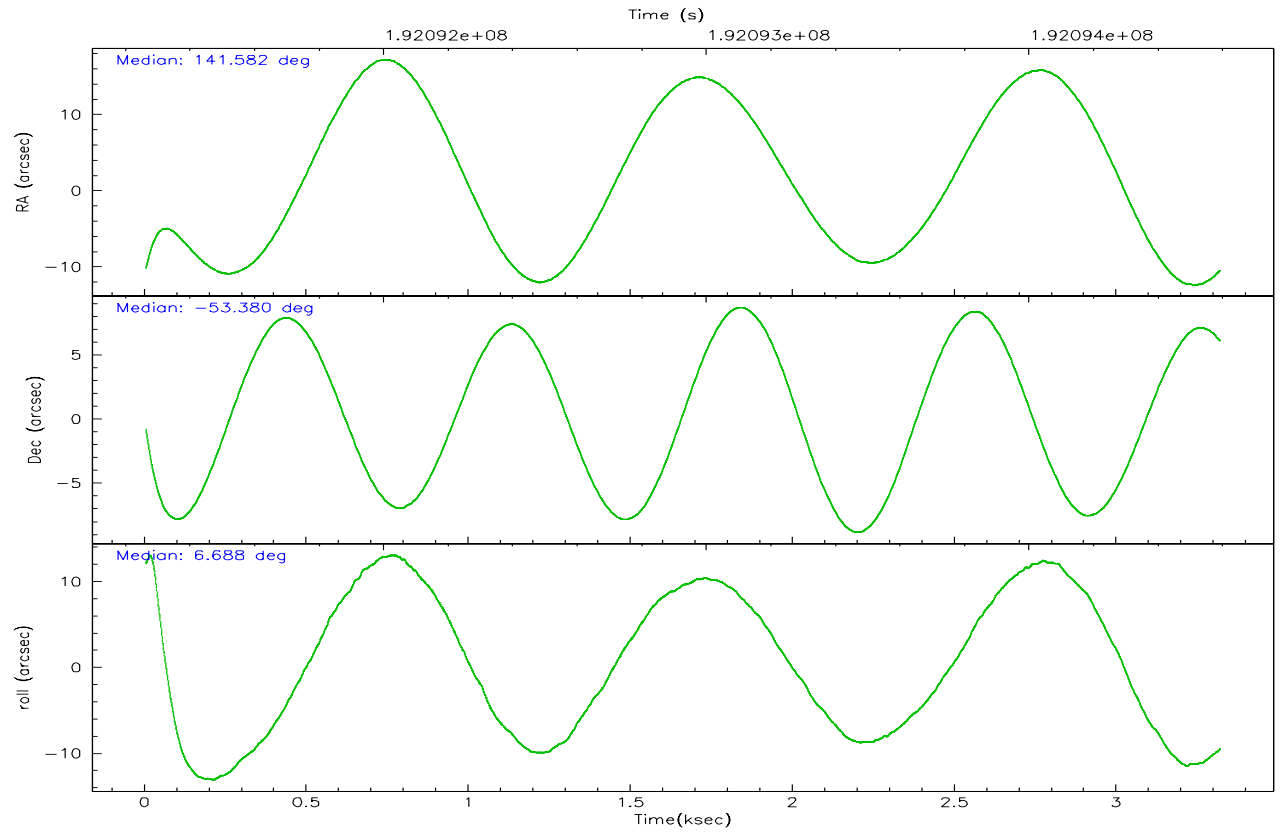
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1067	1042	1069	1173	990	609
	5%	5%	5%	6%	4%	2%
grade 1 events	11	6	14	13	13	16
	0%	0%	0%	0%	0%	0%
grade 2 events	522	557	440	466	480	2551
	2%	2%	2%	2%	2%	9%
grade 3 events	242	251	196	220	218	523
	1%	1%	1%	1%	1%	1%
grade 4 events	204	248	198	217	250	536
	1%	1%	1%	1%	1%	1%
grade 5 events	796	805	749	892	946	1791
	4%	4%	3%	4%	4%	6%
grade 6 events	405	479	405	395	502	6237
	2%	2%	2%	2%	2%	22%
grade 7 events	14878	15265	15828	16118	17495	15239
	82%	81%	83%	82%	83%	55%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	141.545753	141.5821344096224	Alternating exposures requested	N	N
Pointing Dec	-53.396633	-53.38016331027833	Primary exposure time	0.000000	3.2
Pointing Roll	6.458538	6.696531104733639			
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	192091435.184000	192090394.6695			
Observation start date	2004-02-02T06:42:51	2004-02-02T06:26:34			
Observation end time	192094587.184000	192095534.53223			
Observation end date	2004-02-02T07:35:23	2004-02-02T07:52:14			
Read mode	TIMED	TIMED			

2.3 Aspect



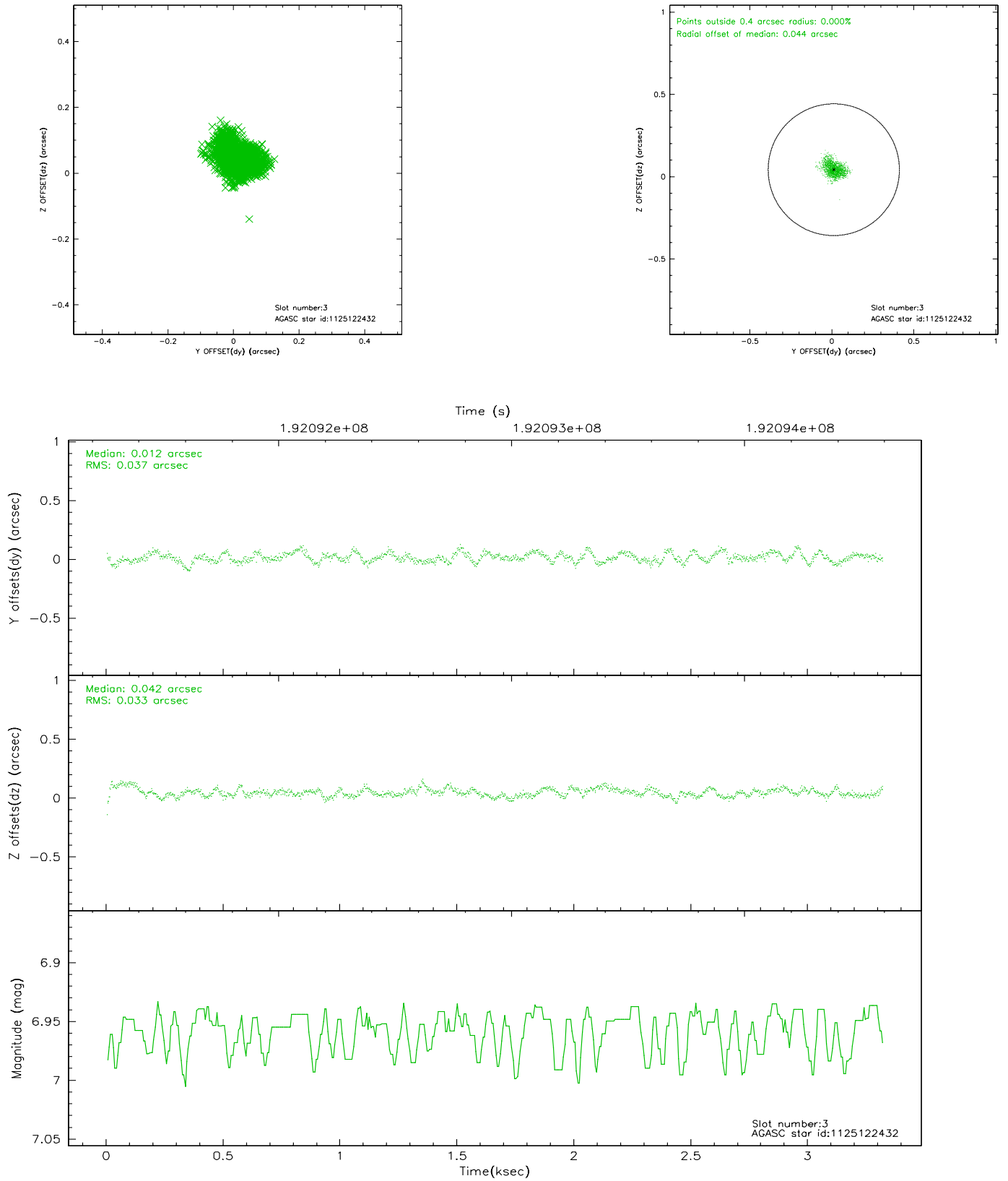


Slot Statistics

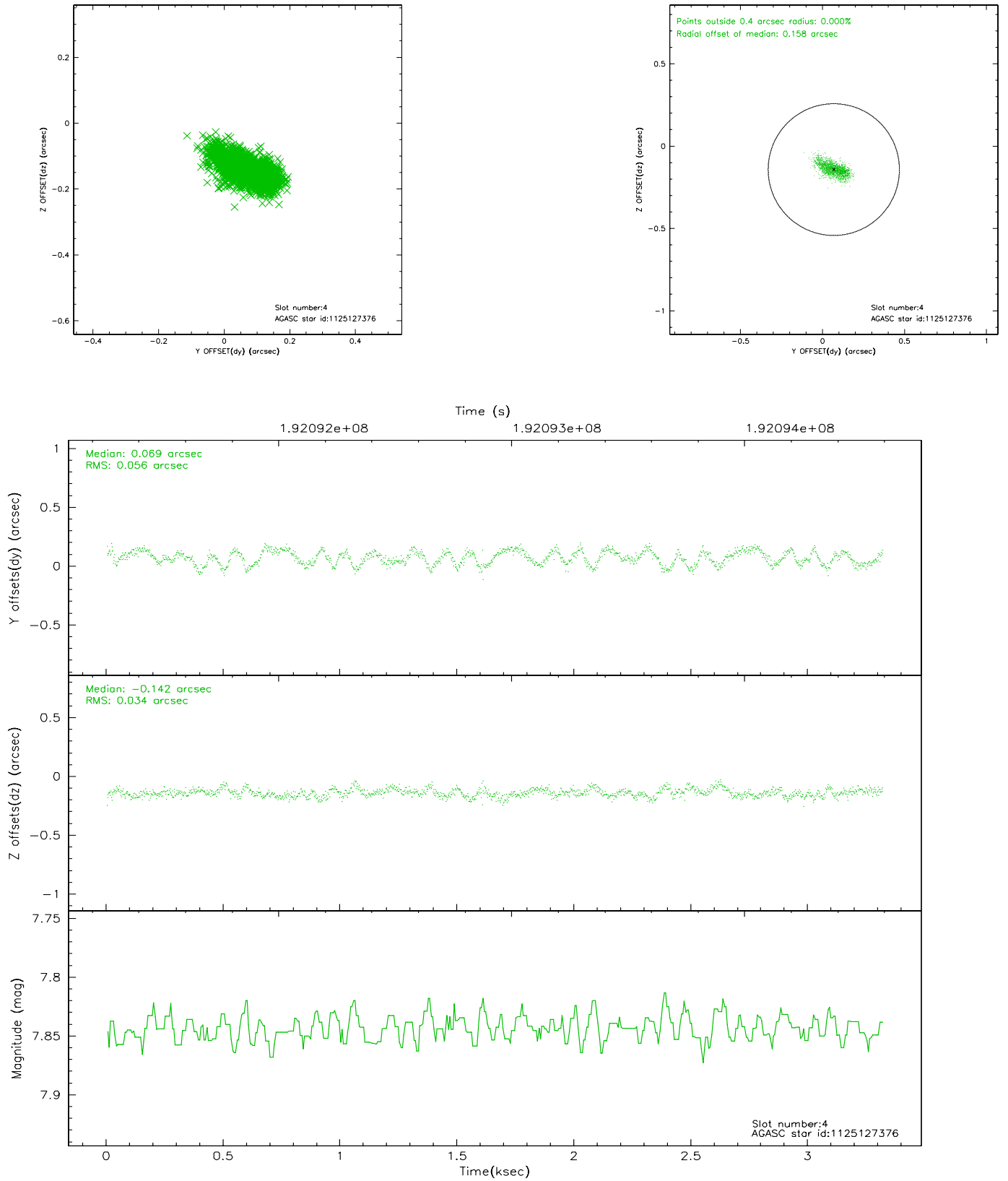
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.13	809	-0.059	-0.092	0.009	0.017	0.000000	0.000000	-761.15	-841.26
1	FID	ACIS-I-4	7.18	809	0.061	0.065	0.005	0.010	0.000000	0.000000	2152.14	1064.13
2	FID	ACIS-I-5	7.23	809	-0.102	0.096	0.009	0.014	0.000000	0.000000	-1812.58	1064.16
3	GUIDE	1125122432	6.96	1619	0.012	0.042	0.053	0.087	141.989062	-53.517300	894.57	-541.12
4	GUIDE	1125127376	7.84	1619	0.069	-0.142	0.070	0.115	140.779490	-52.885819	-1447.08	2005.03
5	GUIDE	1125134696	8.31	1619	-0.058	0.096	0.054	0.086	142.058153	-53.920695	867.32	-1999.35
6	GUIDE	1125138832	9.19	1619	0.011	-0.016	0.074	0.116	141.946612	-53.143478	963.70	804.75
7	GUIDE	1125140952	7.09	1618	-0.035	0.019	0.054	0.085	141.490275	-53.839526	-294.74	-1570.53

2.4 Star Slots

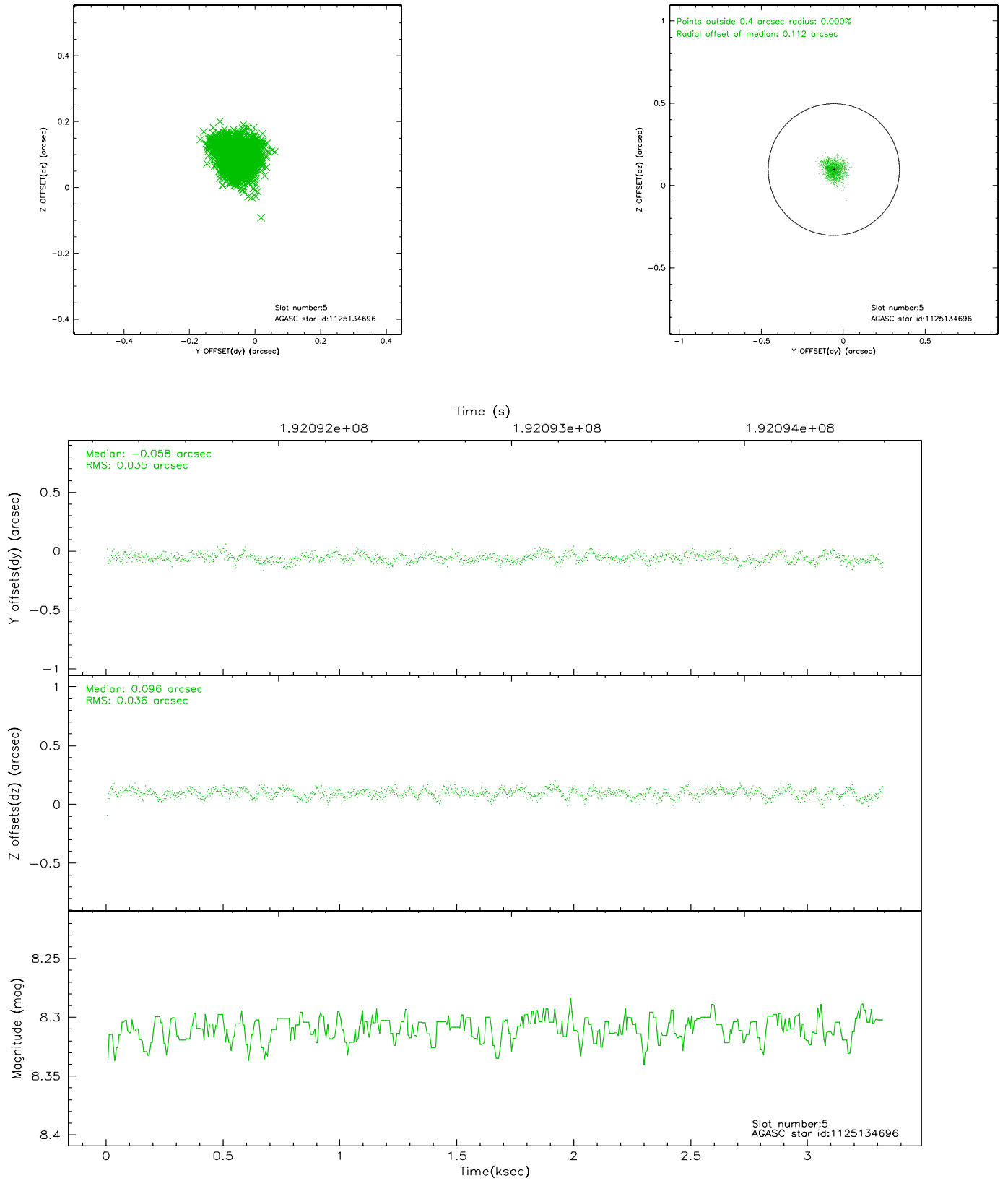
2.4.1 Slot 3



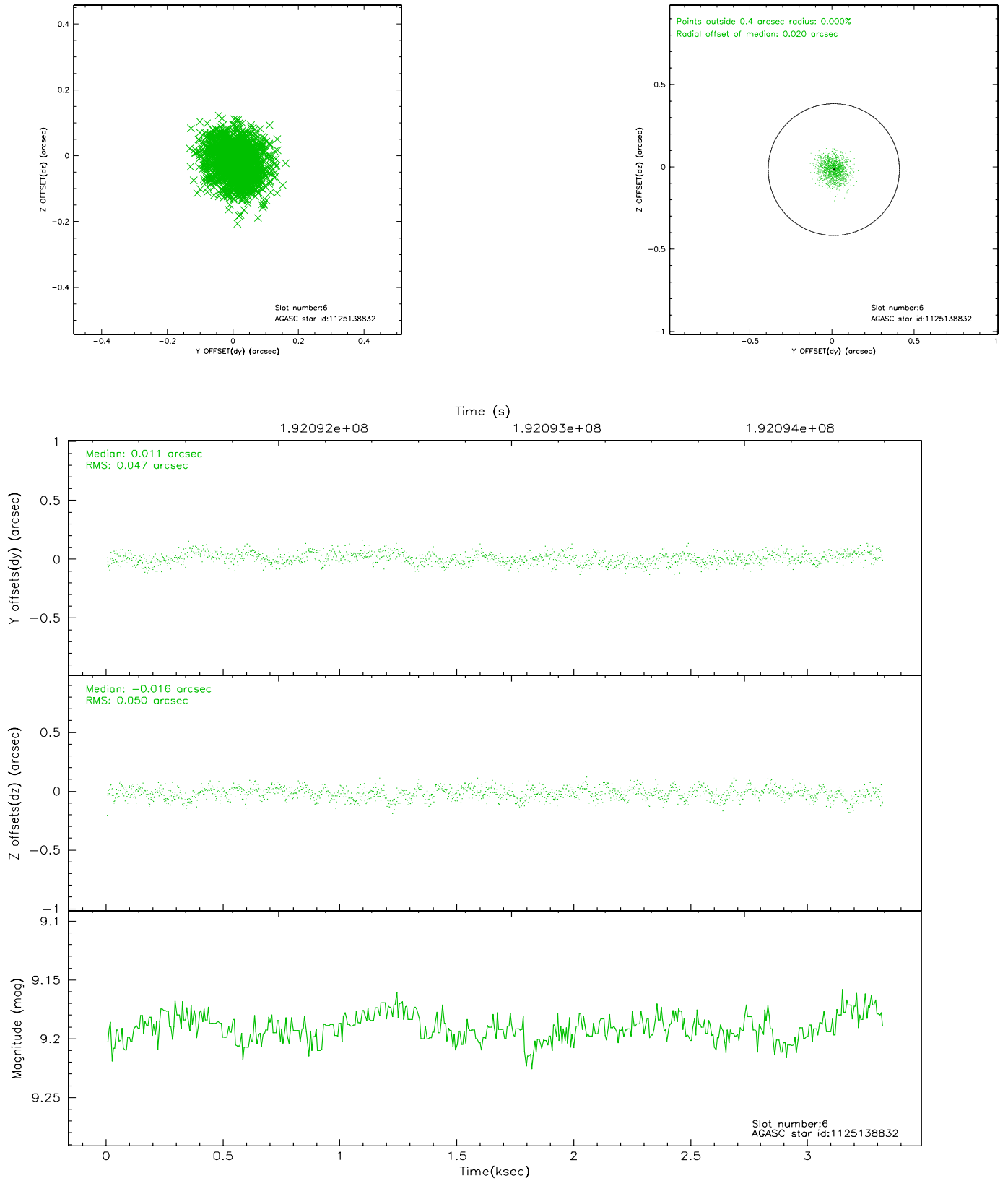
2.4.2 Slot 4



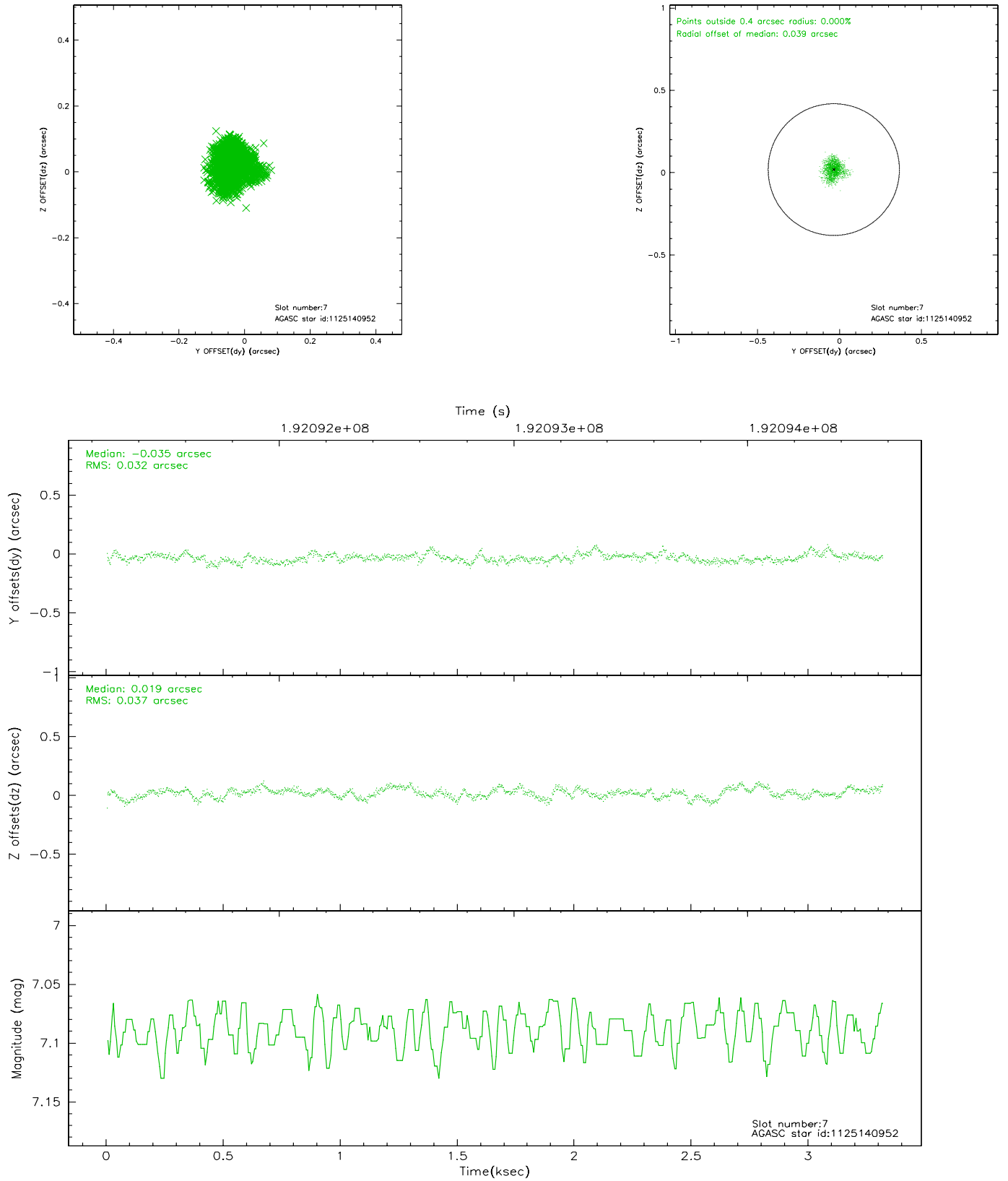
2.4.3 Slot 5



2.4.4 Slot 6

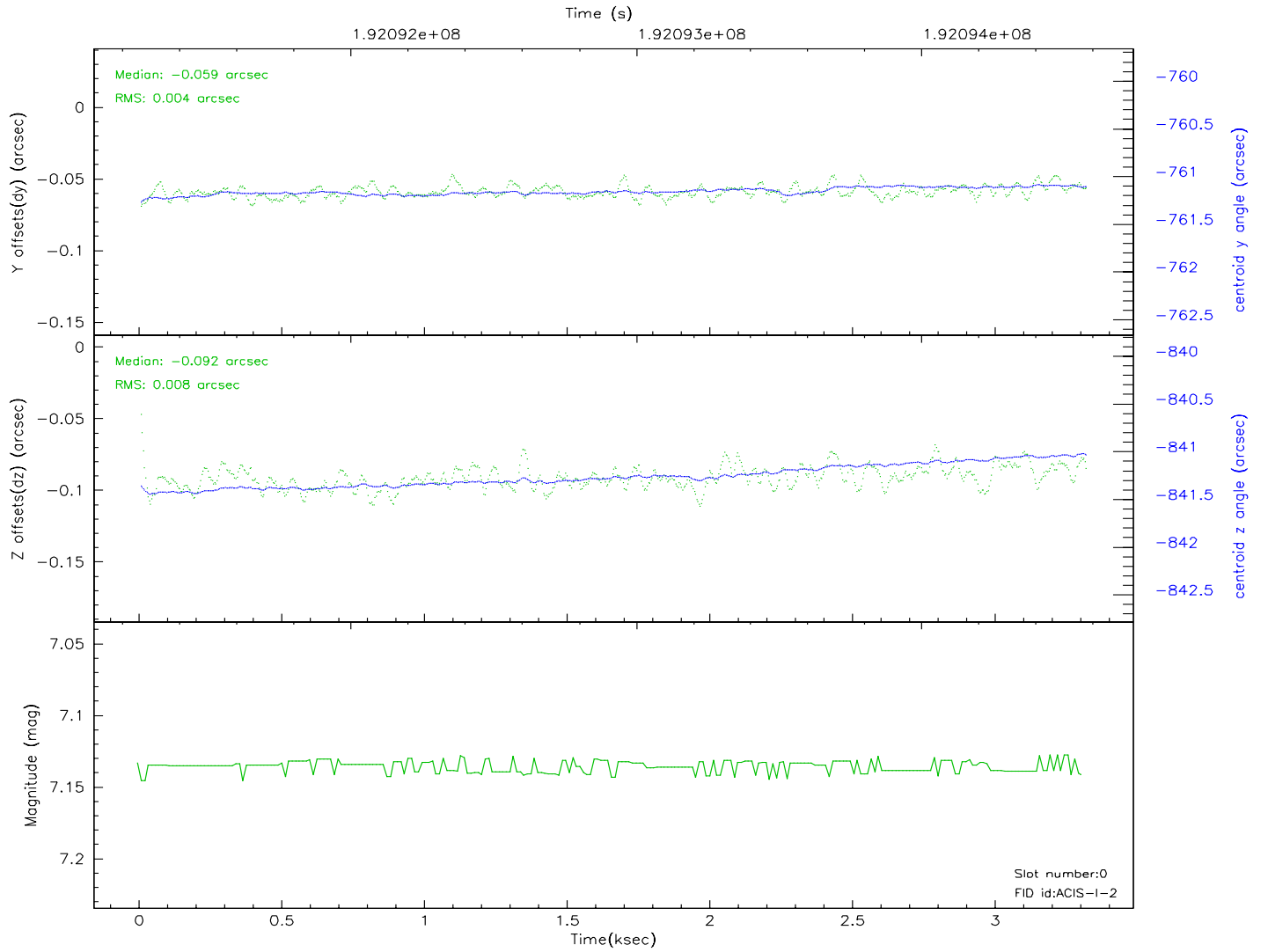
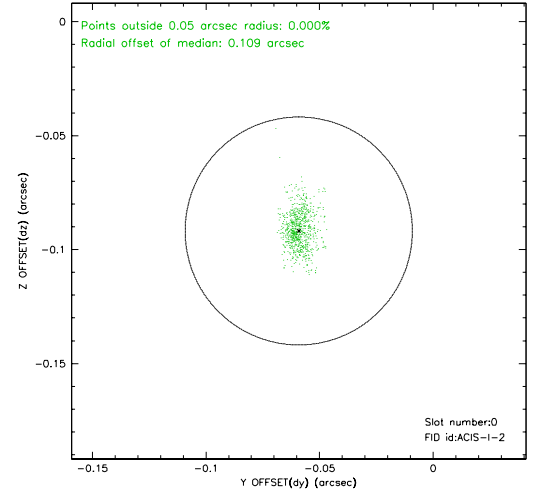
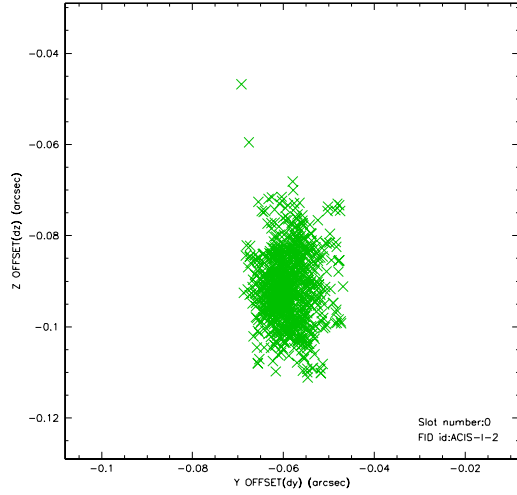


2.4.5 Slot 7

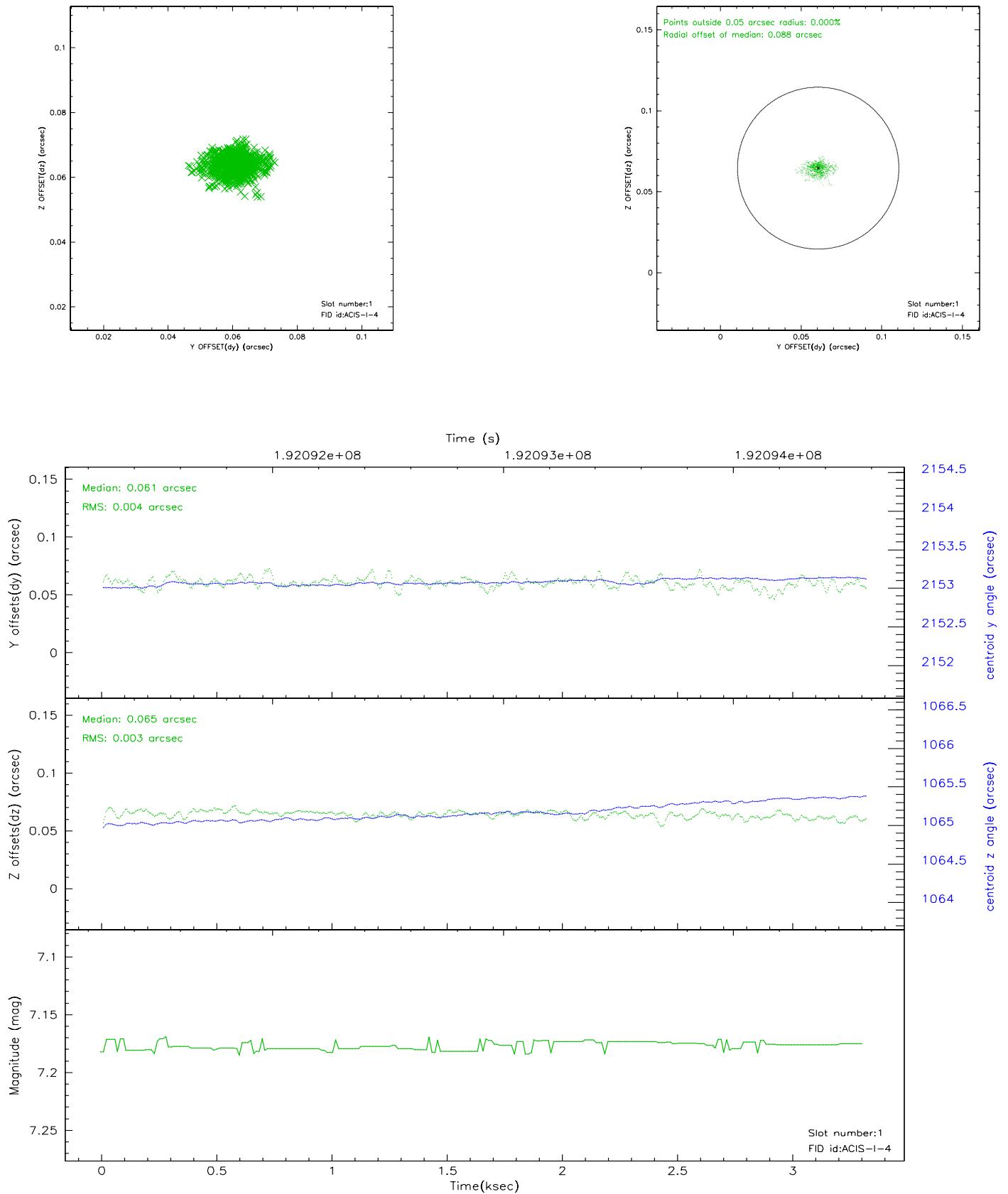


2.5 FID Slots

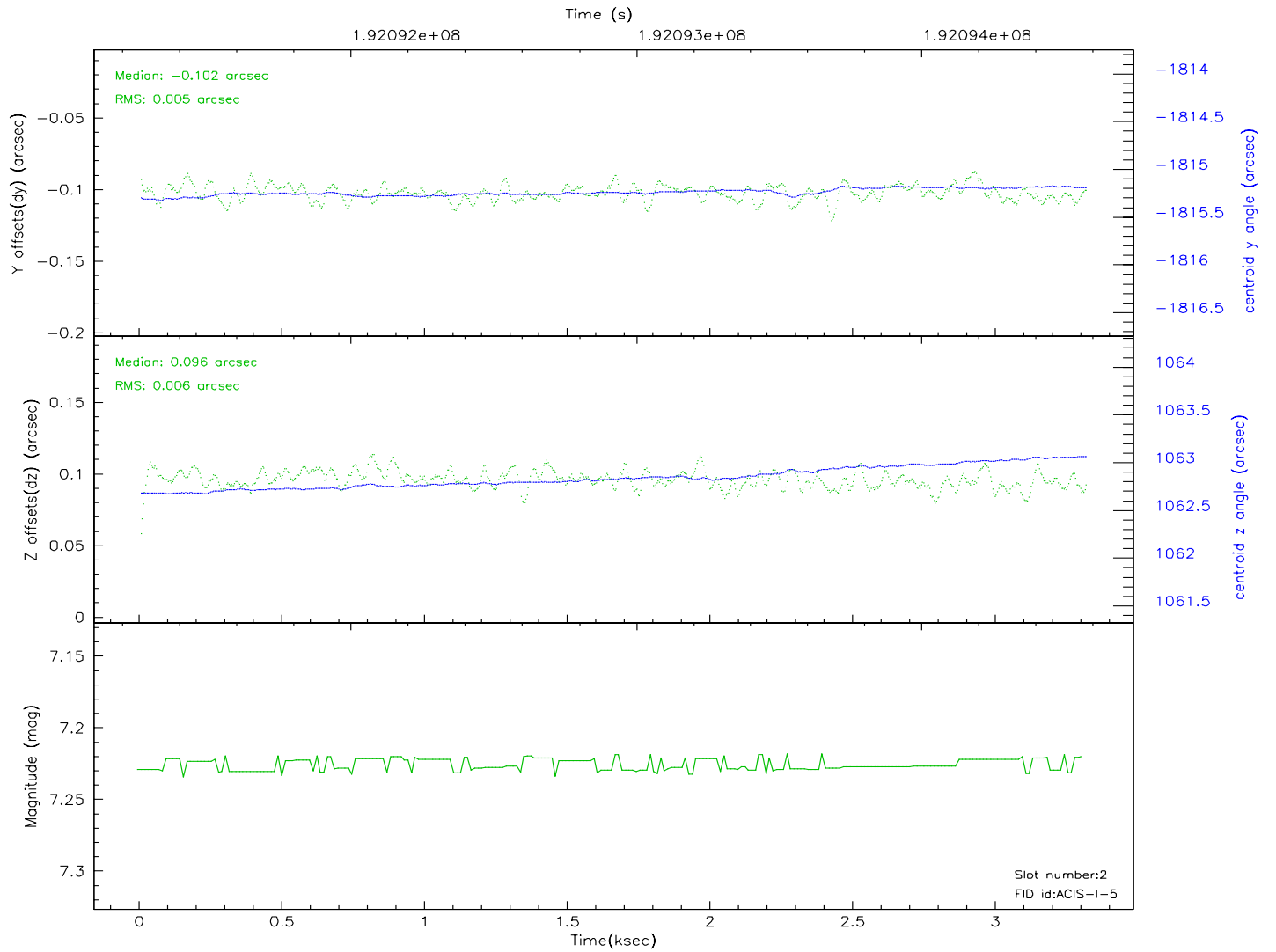
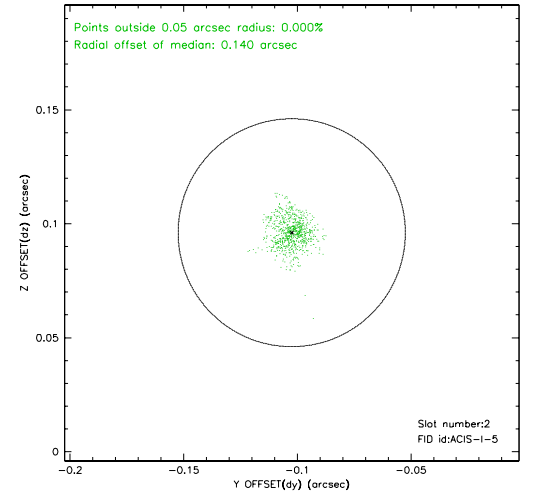
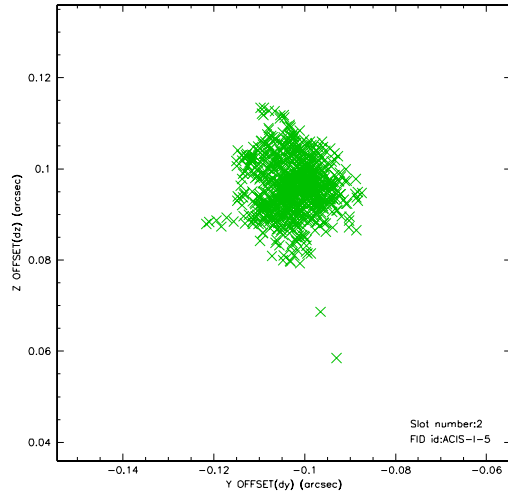
2.5.1 Slot 0



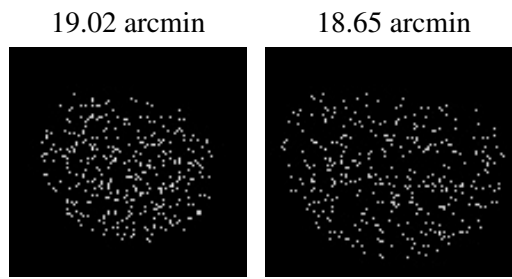
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.276

A.2 Comments