

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3202 - L2 Version 001
Chandra X-Ray Center

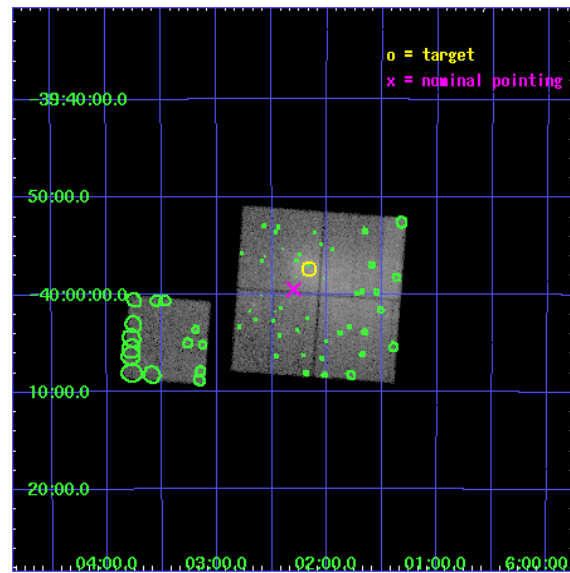
L2 Processing Date : Sep 8 2006

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1 Front

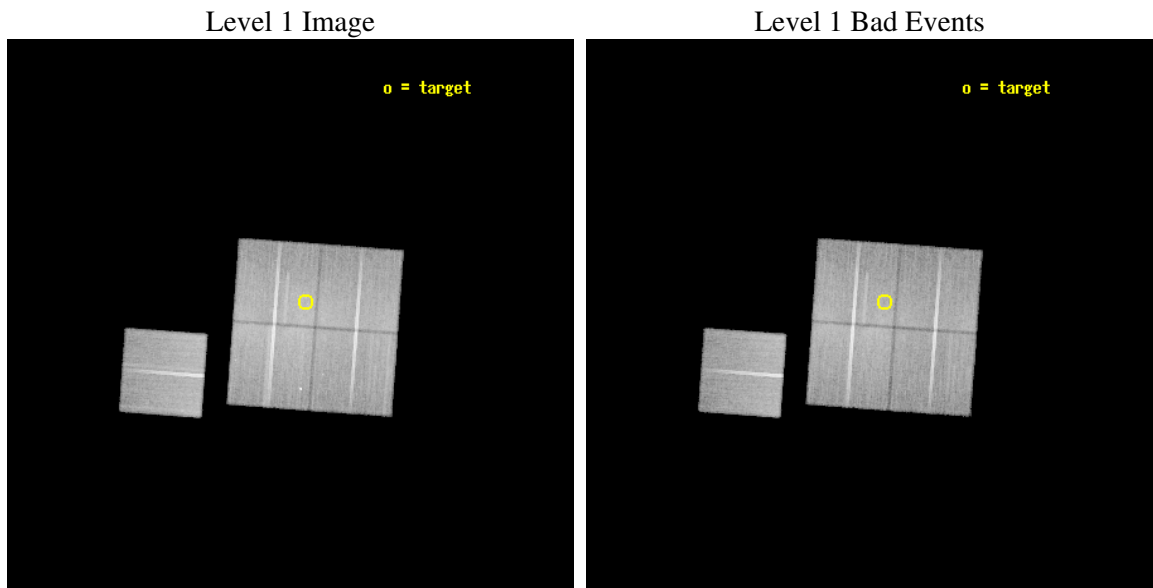
seq_num	800202
obs_id	3202
title	GAS DENSITY DISCONTINUITIES IN MERGING CLUSTERS
observer	Dr Maxim Markevitch
object	A3376
dtcycle	0
cycle	P
ra_targ	90.54167
dec_targ	-39.95583
ra_nom	90.575282306572
dec_nom	-39.991770717311
roll_nom	274.23027530482
revision	3
ontime	44853.777022988
livetime	44267.729405312
ontime0	44860.058953479
ontime1	44856.917983249
ontime2	44850.636192337
ontime3	44853.777022988
ontime6	44850.636062726
l2events	186151



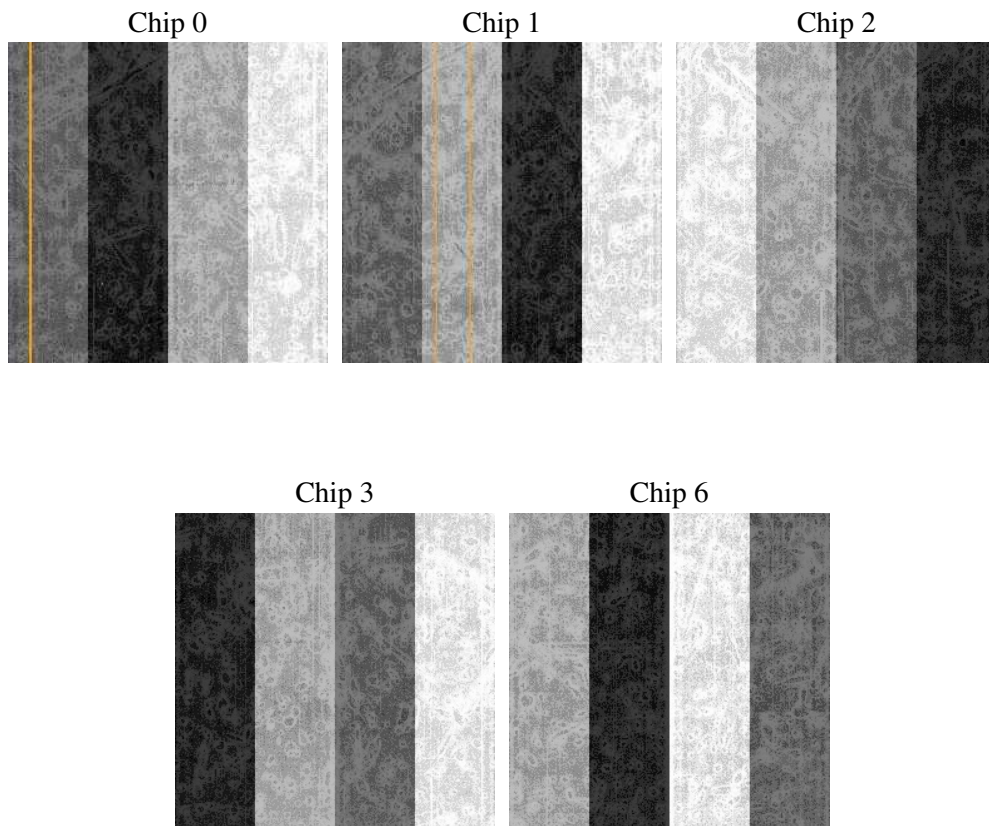
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-08T06:55:57
revision	3

sched_exp_time	44746.224000
ontime	45987.391143098
ontime0	45993.67307359
ontime1	45990.53210336
ontime2	45984.250312448
ontime3	45987.391143098
ontime6	45984.250182837
l1events	1609986

2.1.4 Events

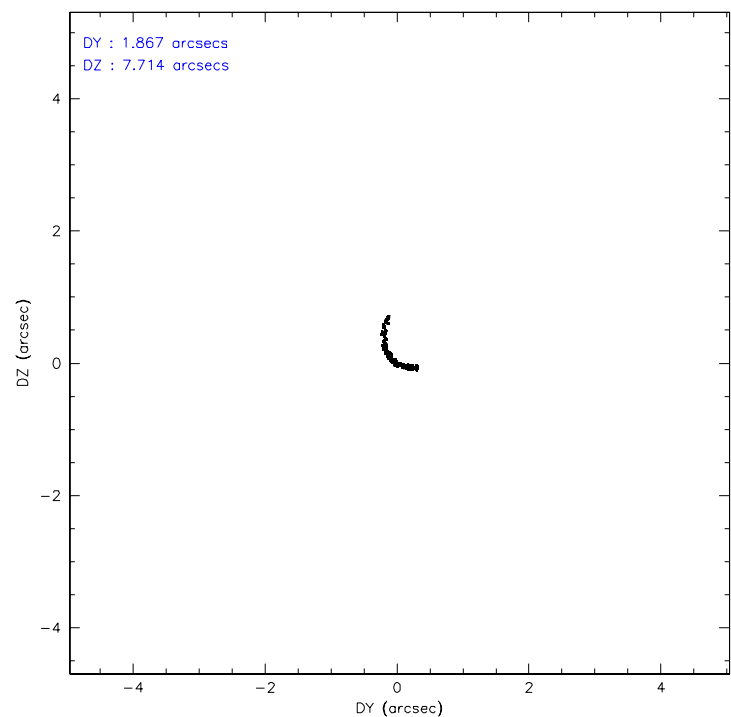
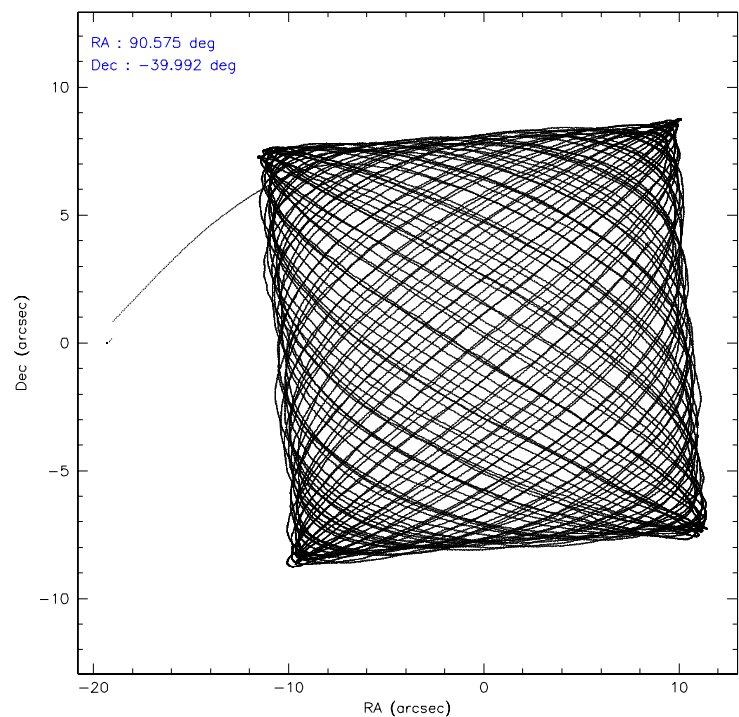
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	298850	311052	349839	331182	319063
rejected events	246732	250063	303711	287227	286266
rejected %	82%	80%	86%	86%	89%

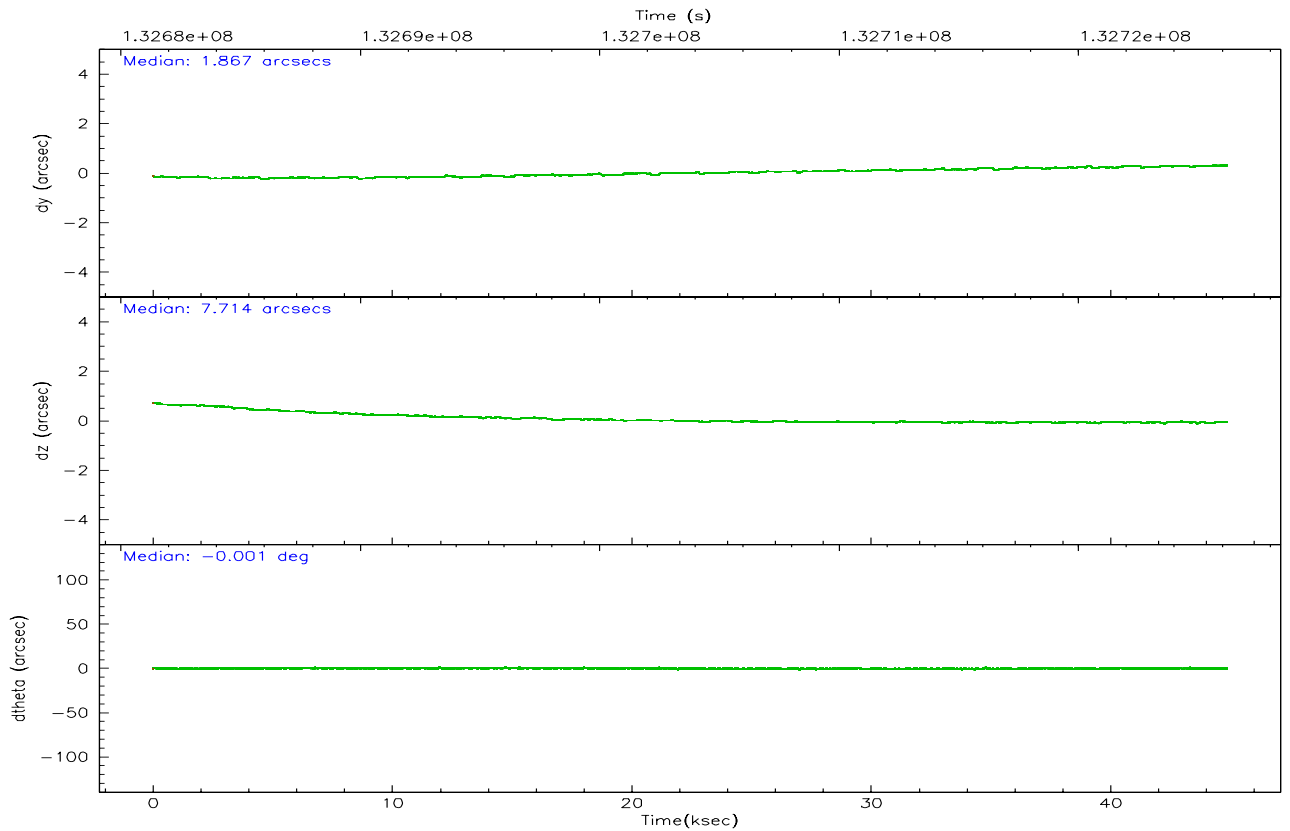
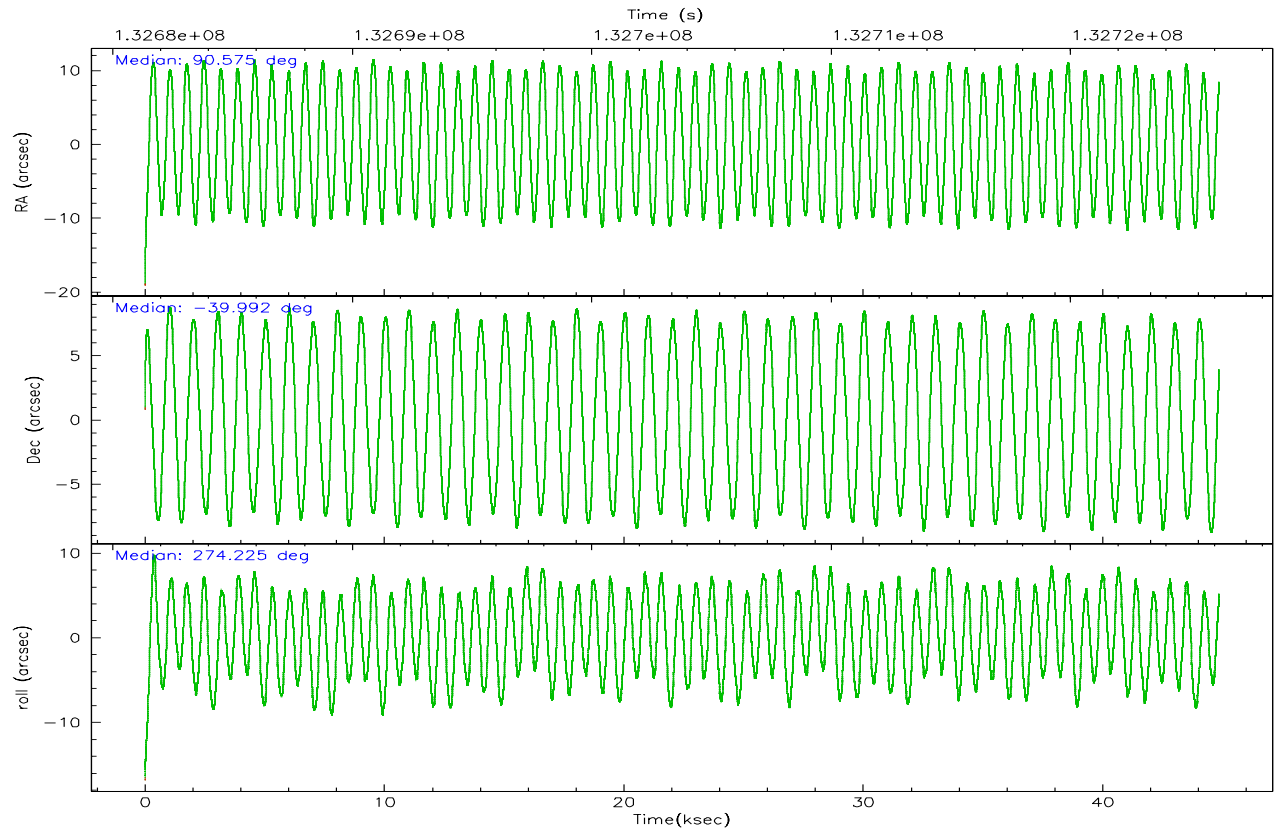
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	29607	36484	23916	25123	13727
	9%	11%	6%	7%	4%
grade 1 events	207	204	256	186	181
	0%	0%	0%	0%	0%
grade 2 events	11142	10474	10761	7616	8511
	3%	3%	3%	2%	2%
grade 3 events	3612	4251	3011	3388	3016
	1%	1%	0%	1%	0%
grade 4 events	3413	4179	4016	3343	2934
	1%	1%	1%	1%	0%
grade 5 events	8451	9215	8059	9048	9548
	2%	2%	2%	2%	2%
grade 6 events	5279	6583	5365	5230	5478
	1%	2%	1%	1%	1%
grade 7 events	237139	239662	294455	277248	275668
	79%	77%	84%	83%	86%

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	90.555093	90.57528230657176	Alternating exposures requested	N	N
Pointing Dec	-39.969151	-39.99177071731099	Primary exposure time	0.000000	3.1
Pointing Roll	274.008621	274.2302753048195			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.592463	-227.5958210972112			
SIM translation stage offset (mm)	-6	-5.996631905718488			
Observation start time	132681464.184000	132679937.18449			
Observation start date	2002-03-16T15:56:40	2002-03-16T15:32:17			
Observation end time	132726210.184000	132726524.46138			
Observation end date	2002-03-17T04:22:26	2002-03-17T04:28:44			
Read mode	TIMED	TIMED			

2.3 Aspect



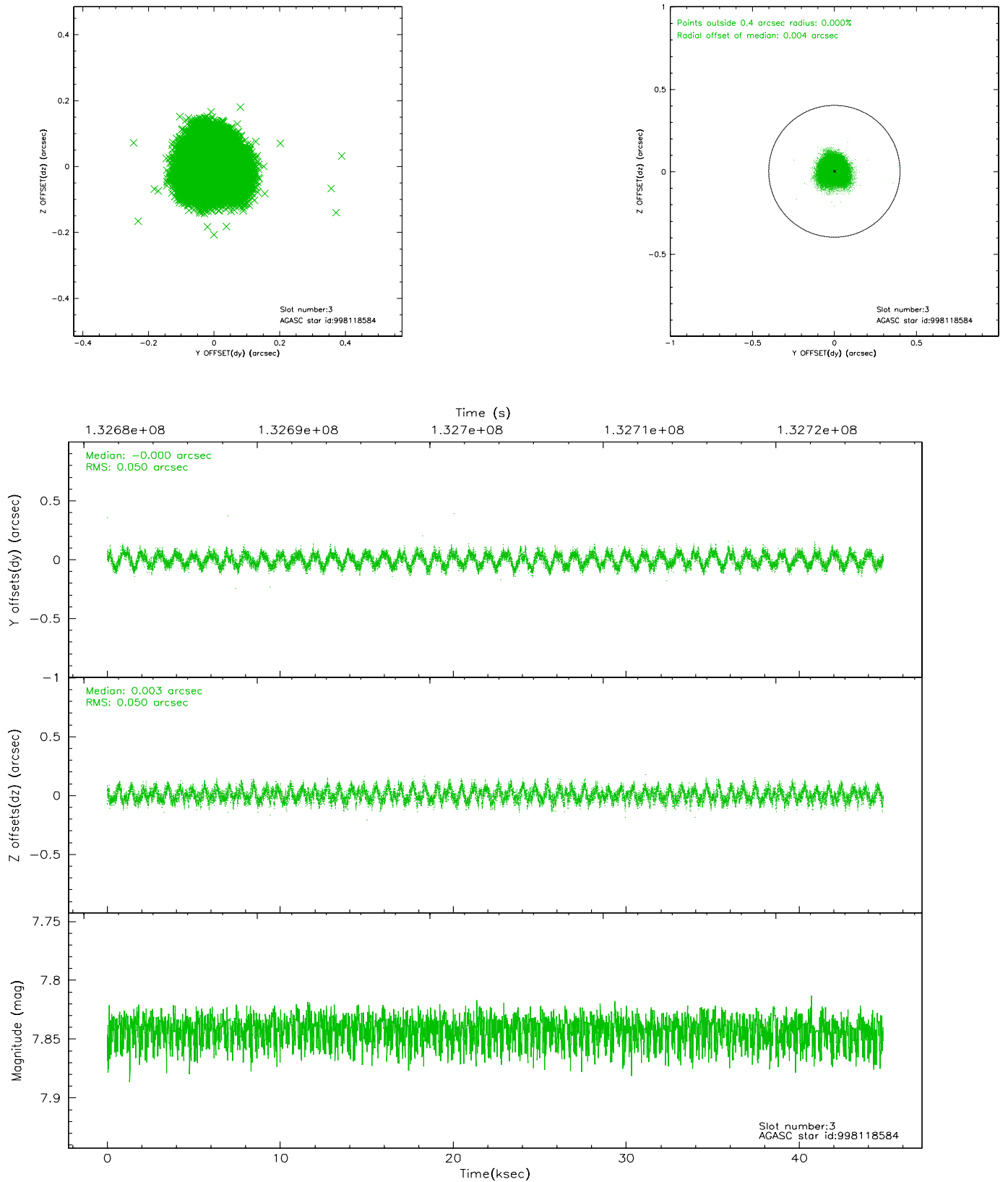


Slot Statistics

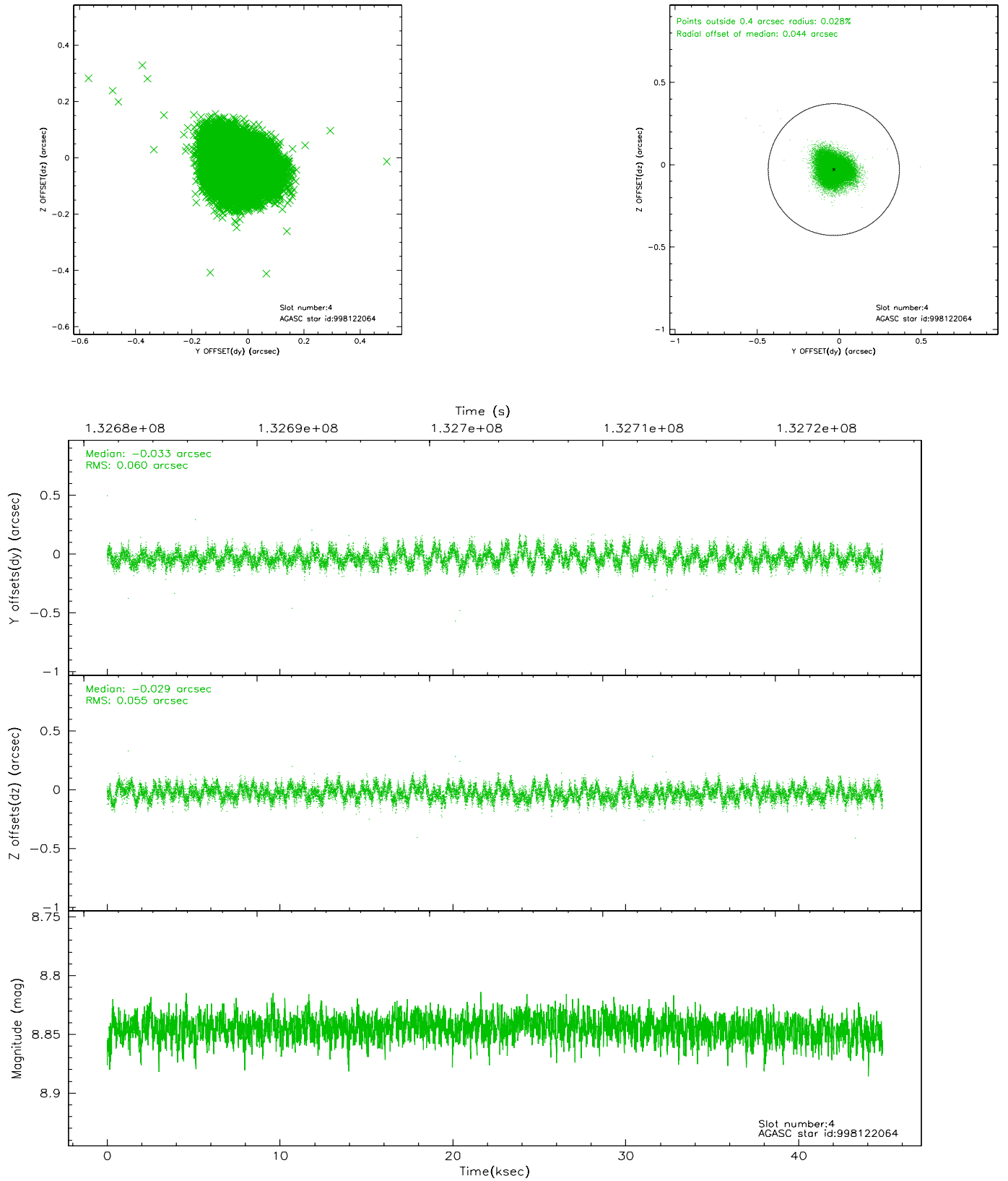
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	10942	0.042	-0.007	0.010	0.016	0.000000	0.000000	937.85	-954.34
1	FID	ACIS-I-5	7.24	10941	-0.094	0.081	0.006	0.010	0.000000	0.000000	-1810.35	943.30
2	FID	ACIS-I-6	7.26	10941	-0.039	-0.003	0.011	0.018	0.000000	0.000000	403.38	1587.66
3	GUIDE	998118584	7.84	21884	-0.000	0.003	0.077	0.112	91.028900	-39.836263	-381.96	1339.82
4	GUIDE	998122064	8.84	21813	-0.033	-0.029	0.087	0.136	90.154340	-40.368326	1359.61	-1196.86
5	GUIDE	998119120	9.12	21874	0.082	0.048	0.206	0.282	90.414762	-40.136836	576.01	-427.33
6	GUIDE	998115240	9.78	21859	-0.018	-0.008	0.097	0.156	90.090736	-39.523214	-1687.79	-1174.44
7	GUIDE	997593480	9.31	21875	-0.025	-0.007	0.090	0.143	90.607549	-39.310496	-2354.86	311.34

2.4 Star Slots

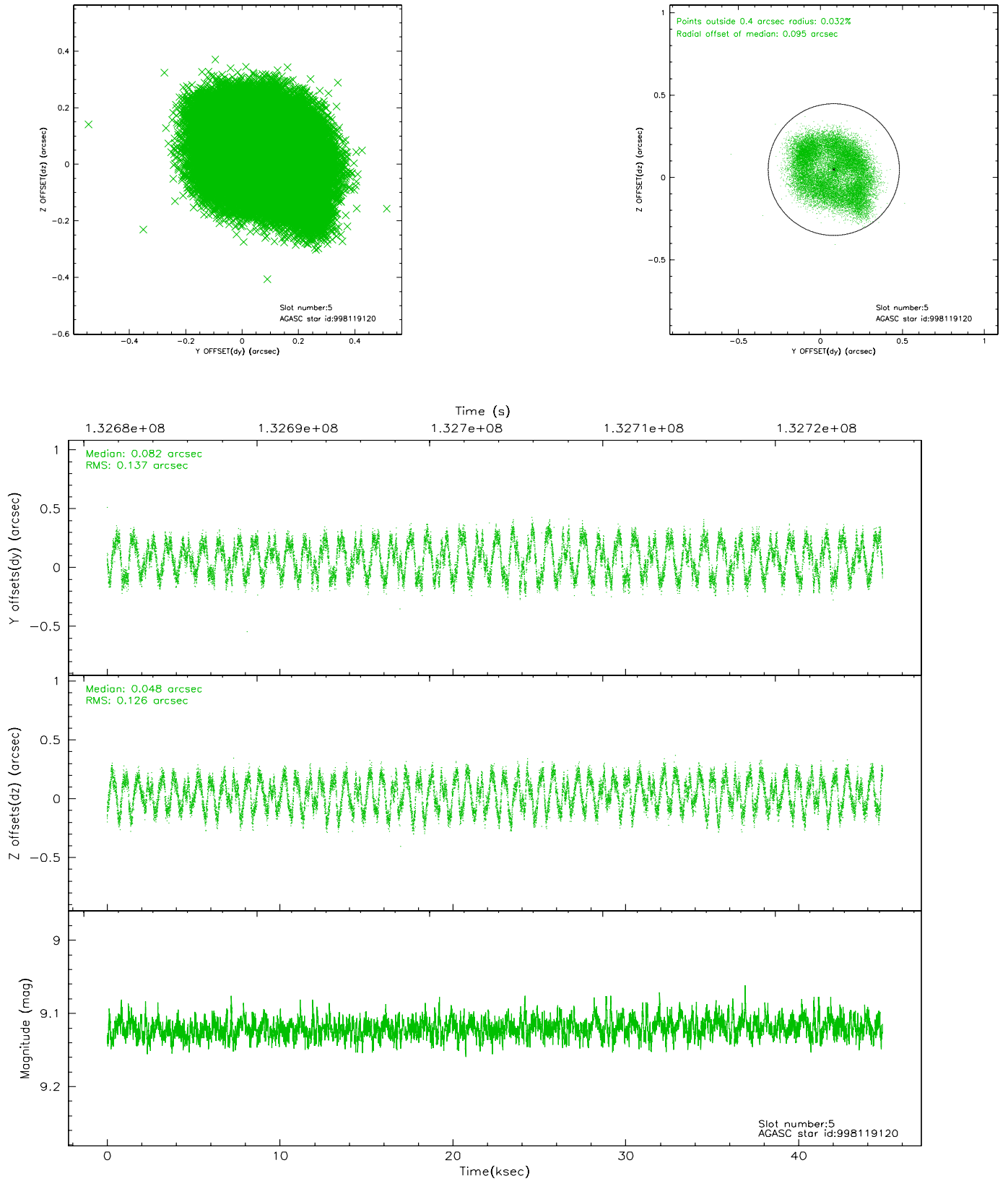
2.4.1 Slot 3



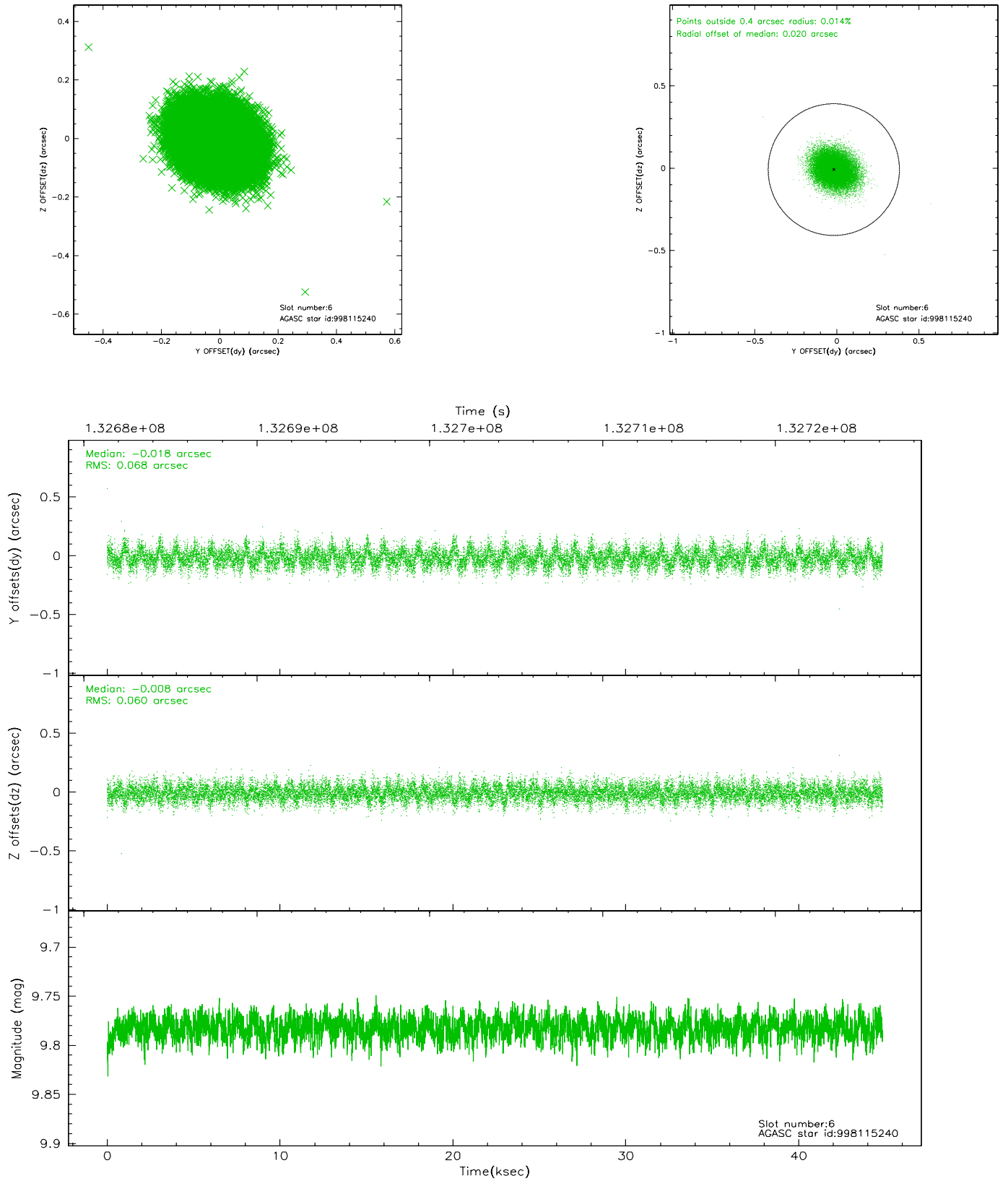
2.4.2 Slot 4



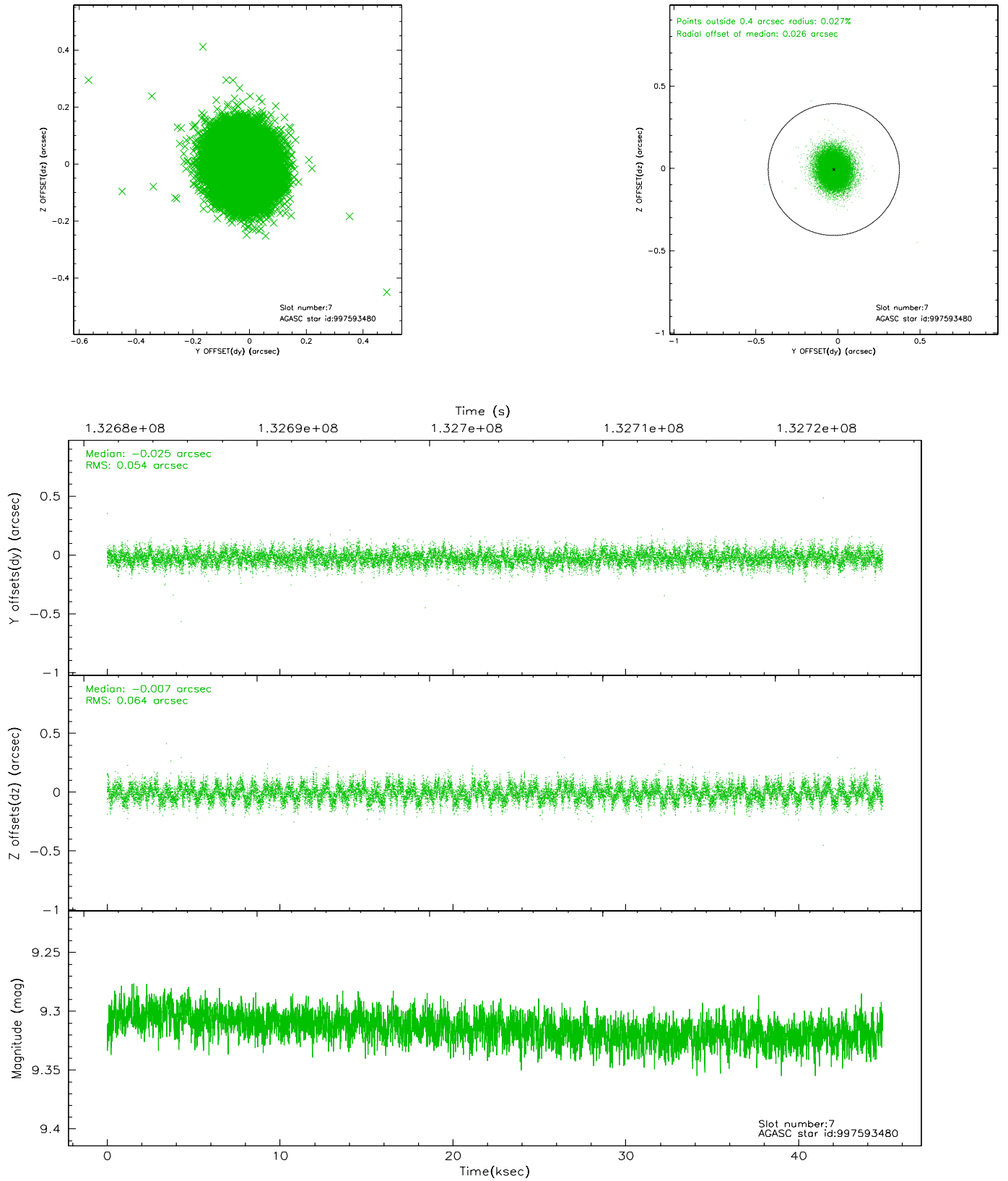
2.4.3 Slot 5



2.4.4 Slot 6

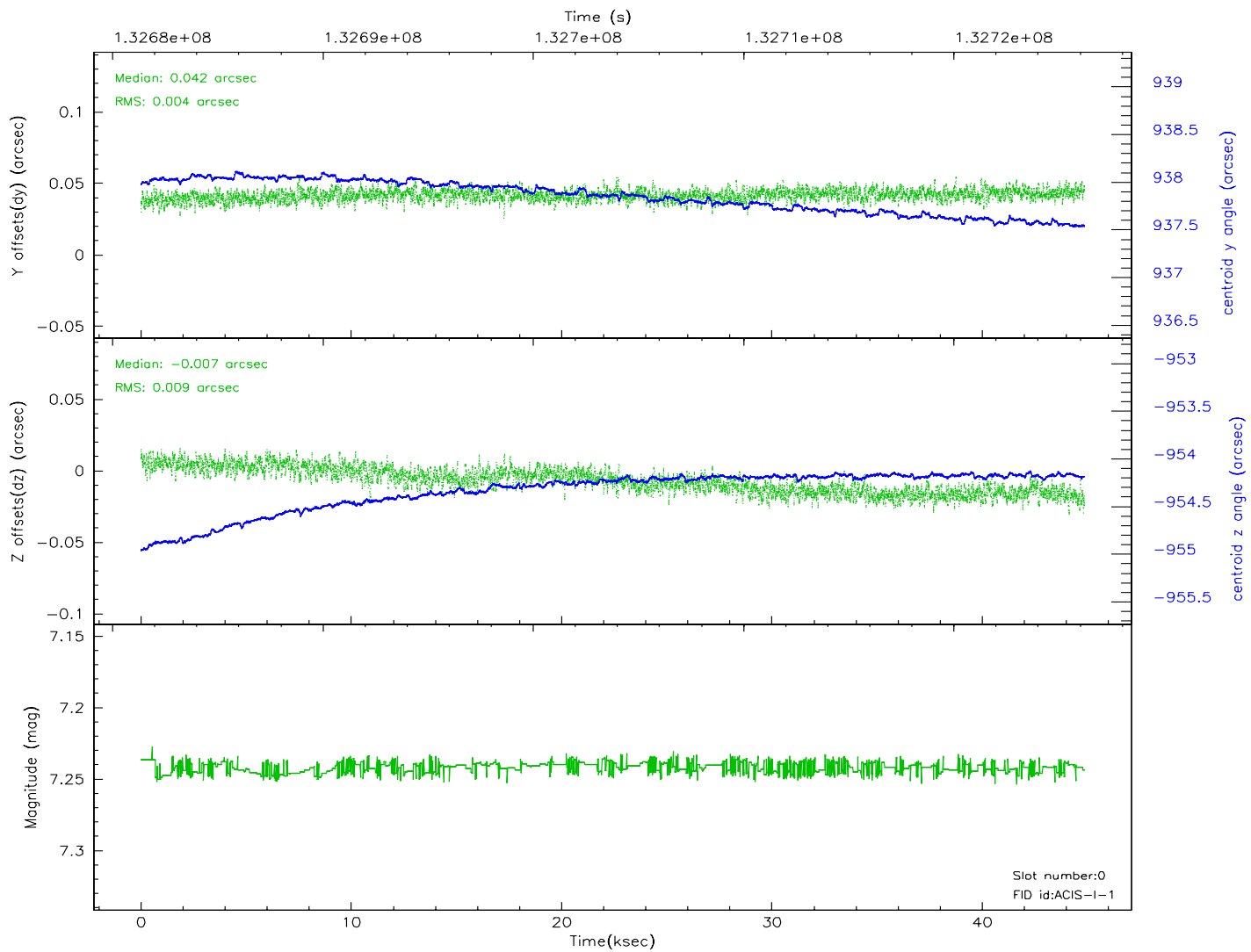
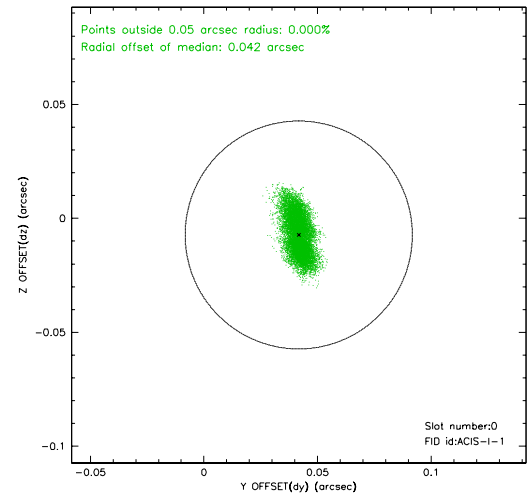
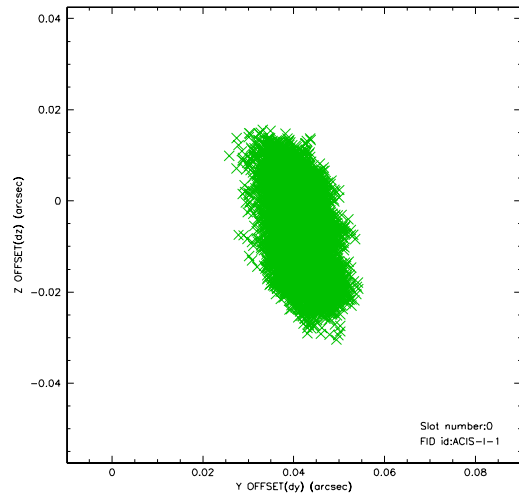


2.4.5 Slot 7

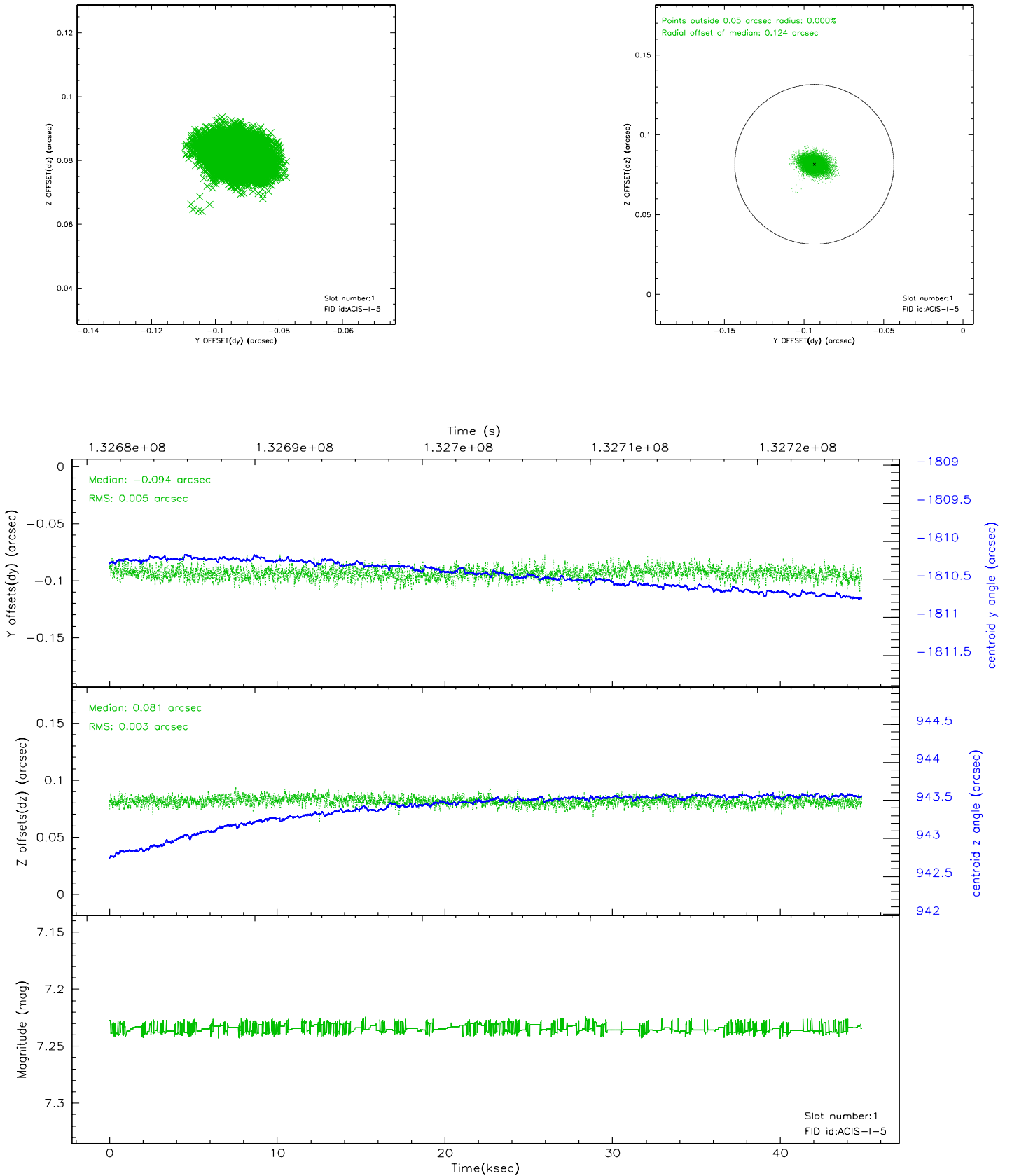


2.5 FID Slots

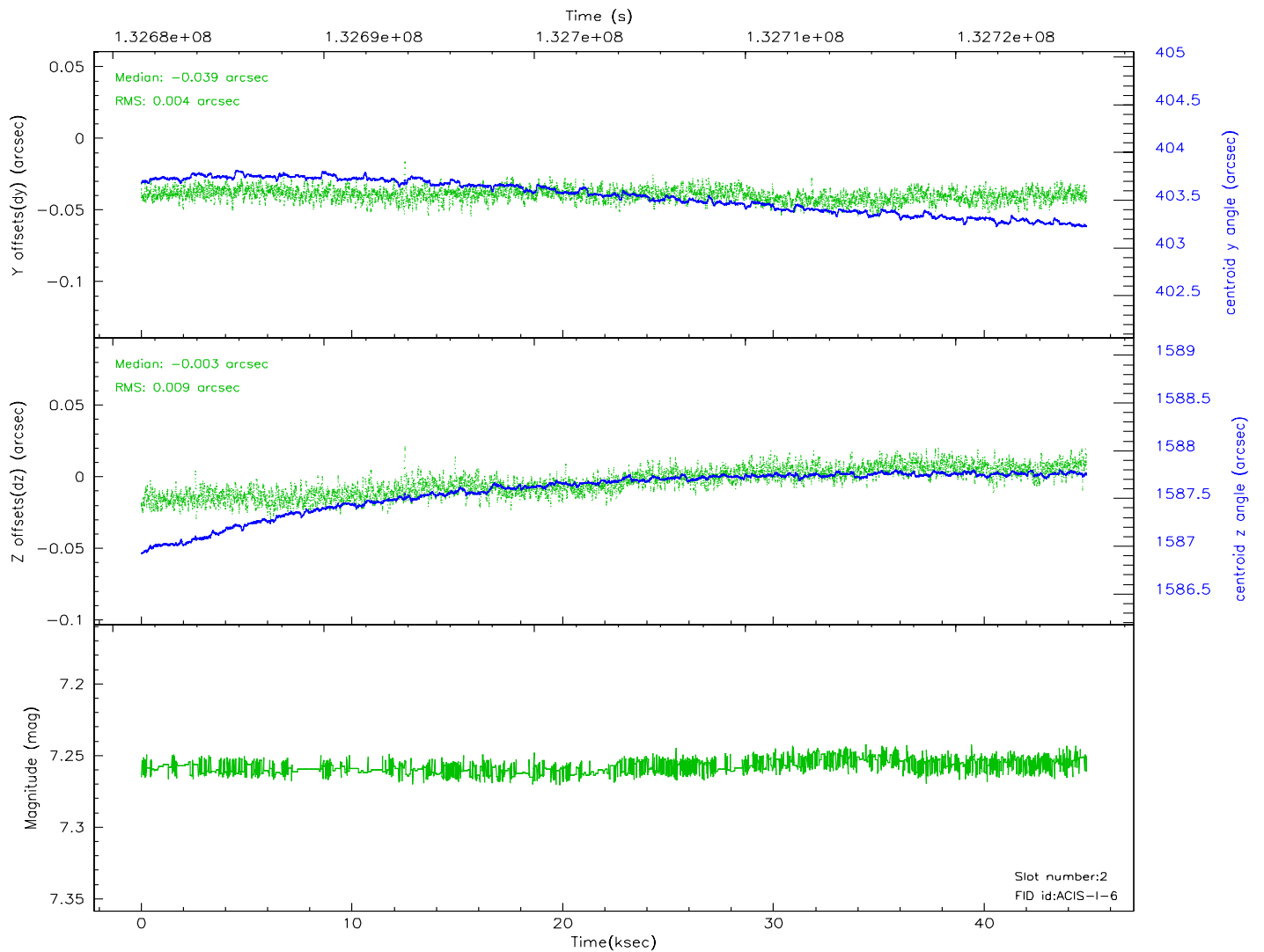
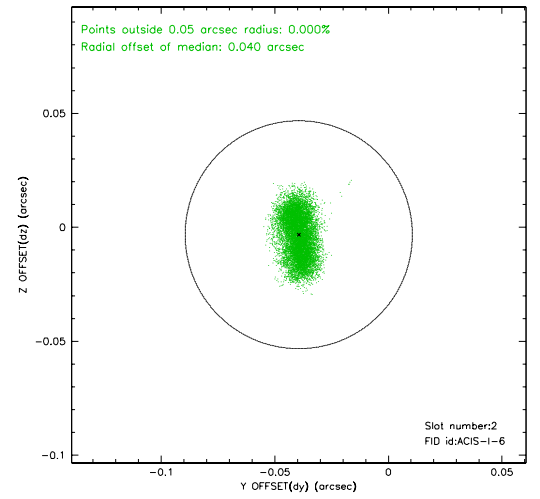
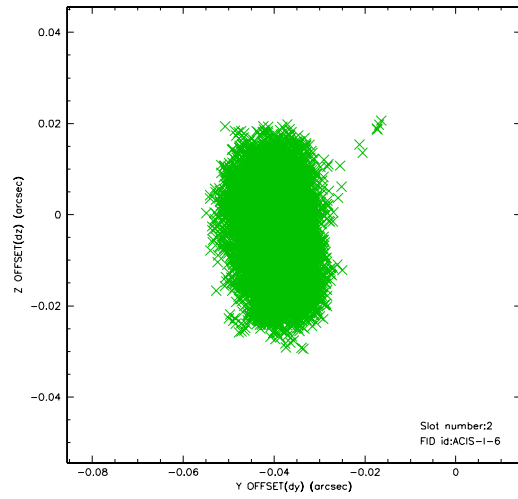
2.5.1 Slot 0



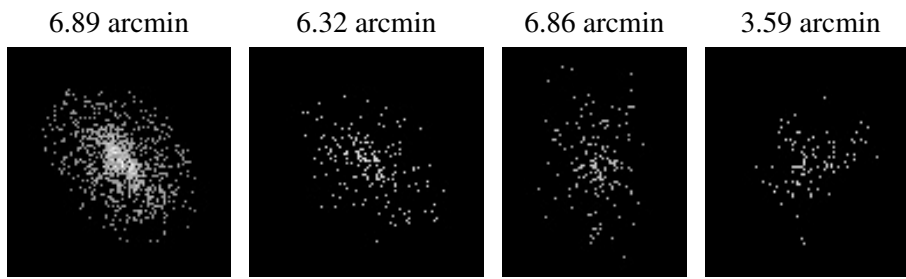
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.09.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.853

A.2 Comments