

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3298 - L2 Version 001
Chandra X-Ray Center

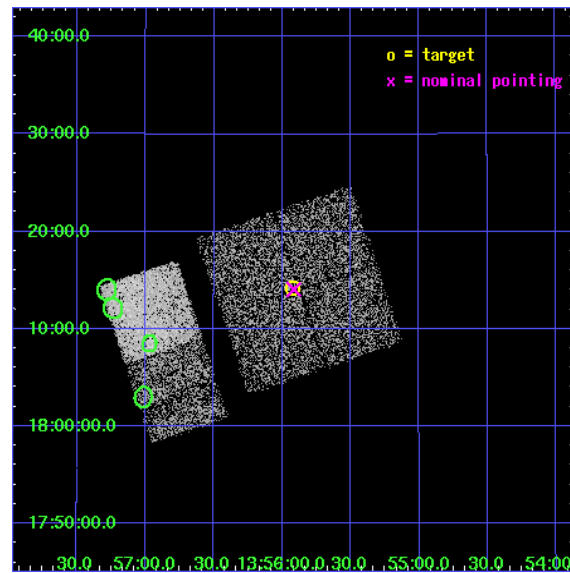
L2 Processing Date : Sep 26 2006

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1 Front

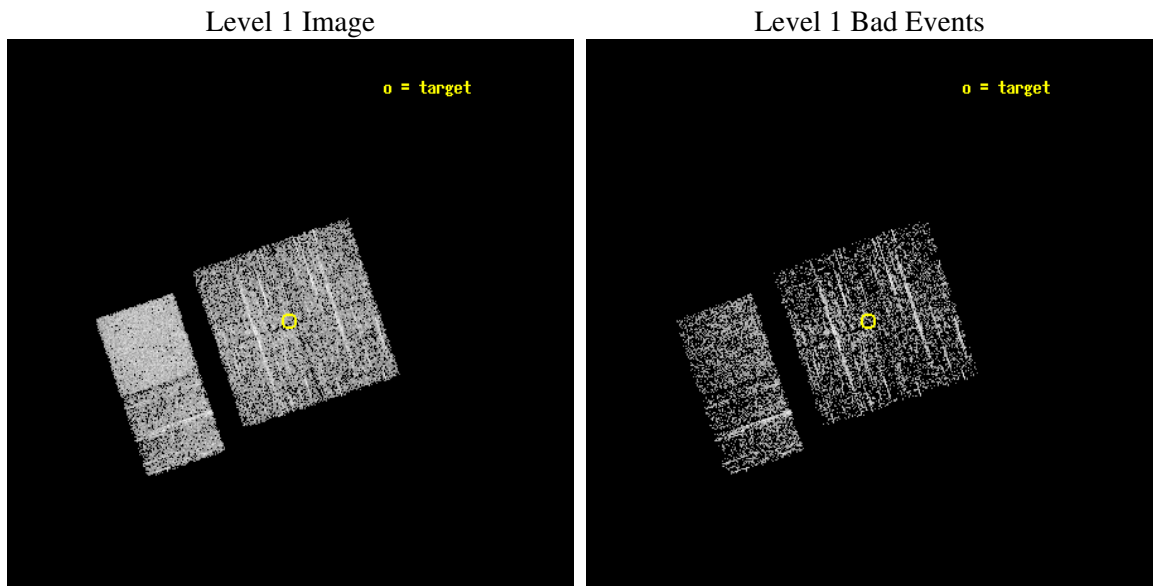
seq_num	900137
obs_id	3298
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY
observer	DR. FABIO LA FRANCA
object	H135556
dtcycle	0
cycle	P
ra_targ	208.982083
dec_targ	18.237972
ra_nom	208.97886832204
dec_nom	18.234503762054
roll_nom	251.47375458103
revision	3
ontime	1308.7999951243
livetime	1292.2271815213
ontime0	1308.7999951243
ontime1	1308.7999951243
ontime2	1308.7999951243
ontime3	1308.7999951243
ontime6	1308.7999951243
ontime7	1308.7999951243
l2events	22450



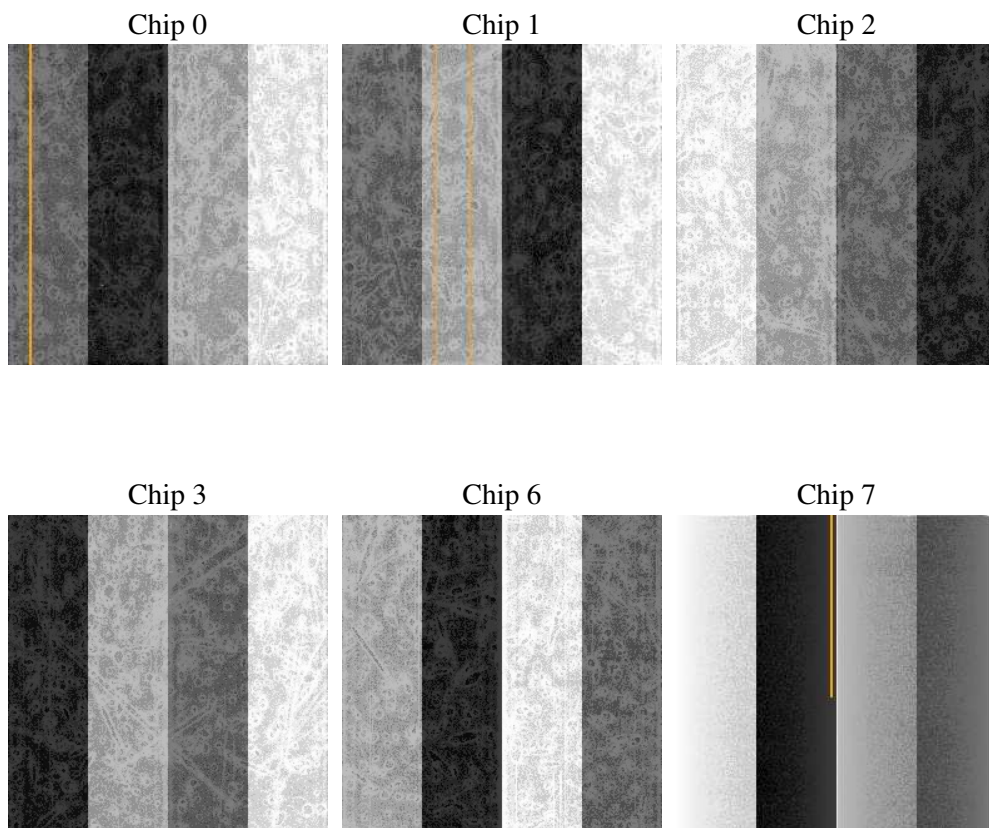
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-26T09:42:39
revision	3

sched_exp_time	1554.355000
ontime	1312.6048939228
ontime0	1312.6048939228
ontime1	1312.6048939228
ontime2	1312.6049138308
ontime3	1312.6048939228
ontime6	1312.6048939228
ontime7	1312.6049138308
l1events	68099

2.1.4 Events

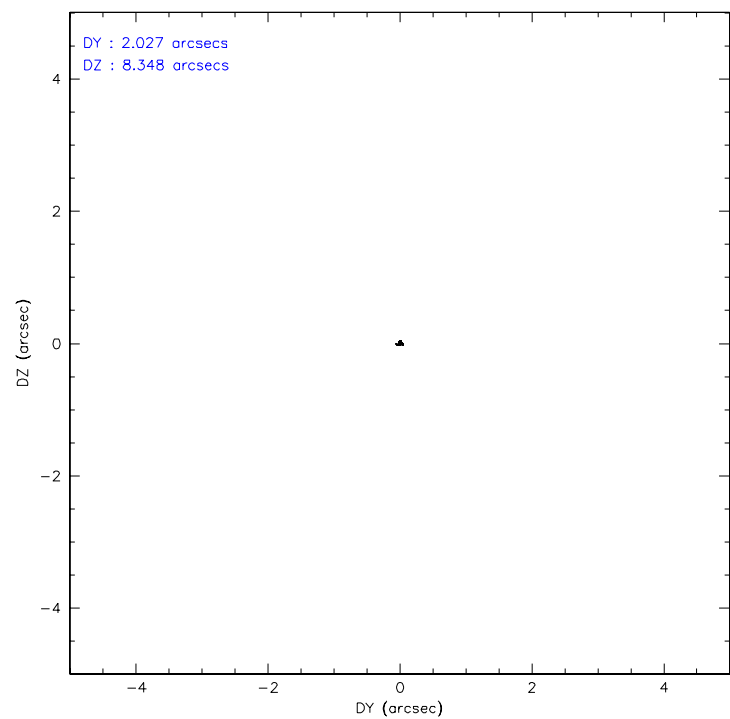
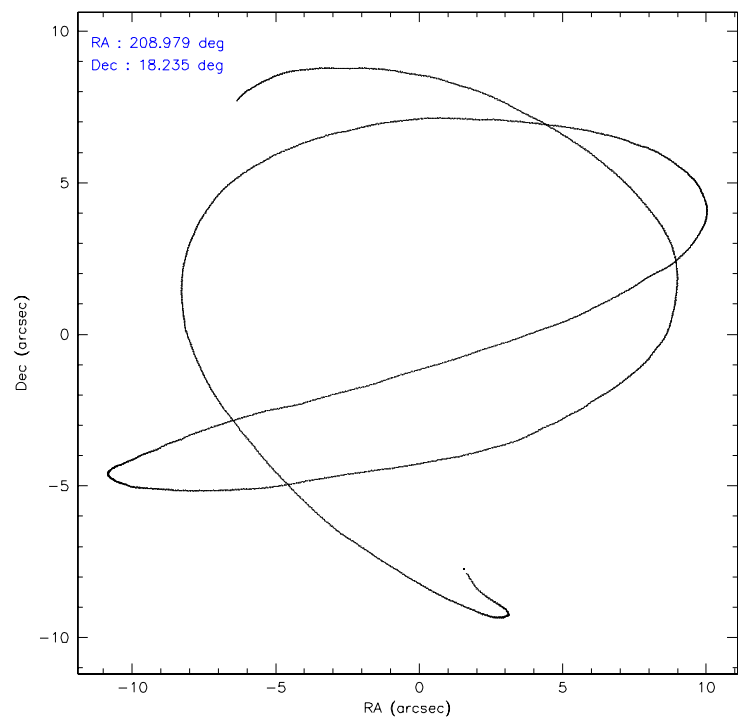
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	9436	9756	10340	10006	10711	17850
rejected events	6792	7029	7644	7410	7641	7718
rejected %	71%	72%	73%	74%	71%	43%

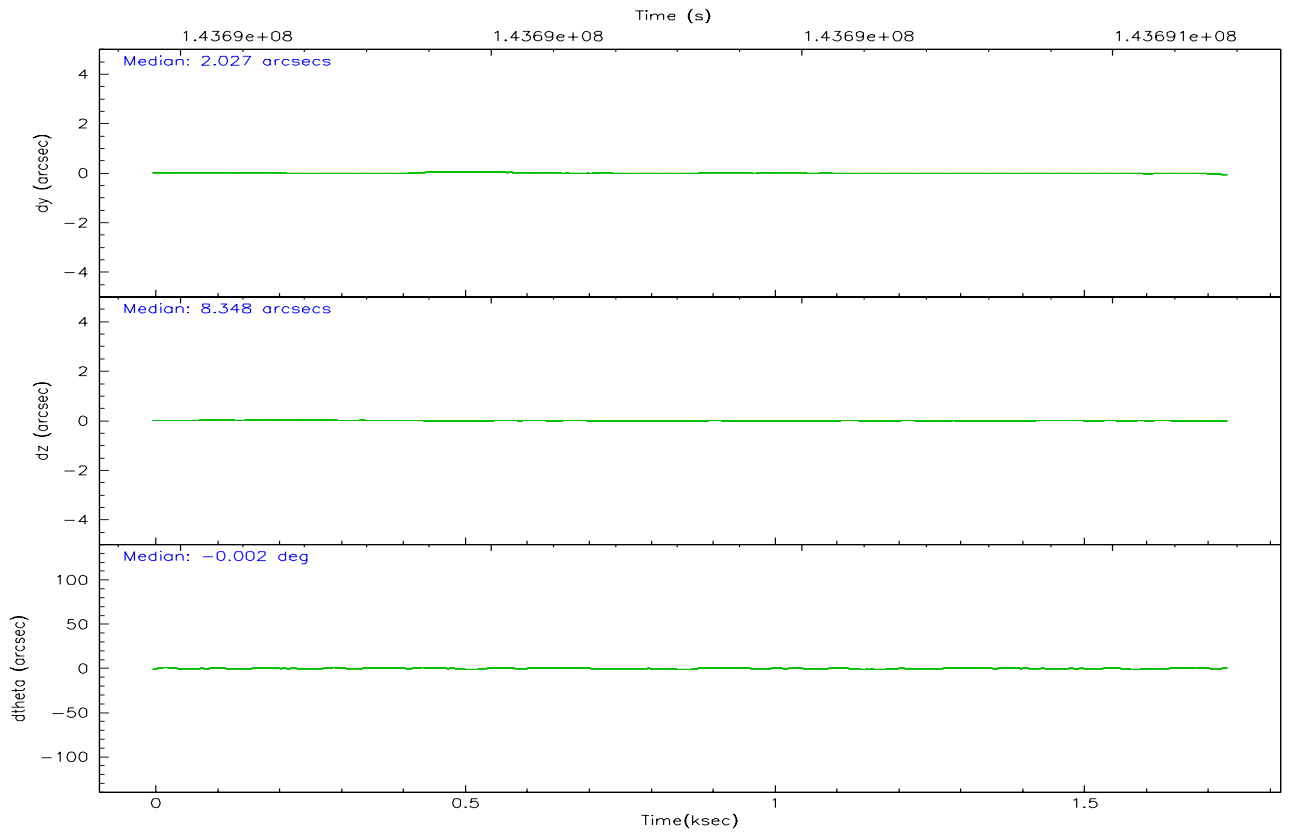
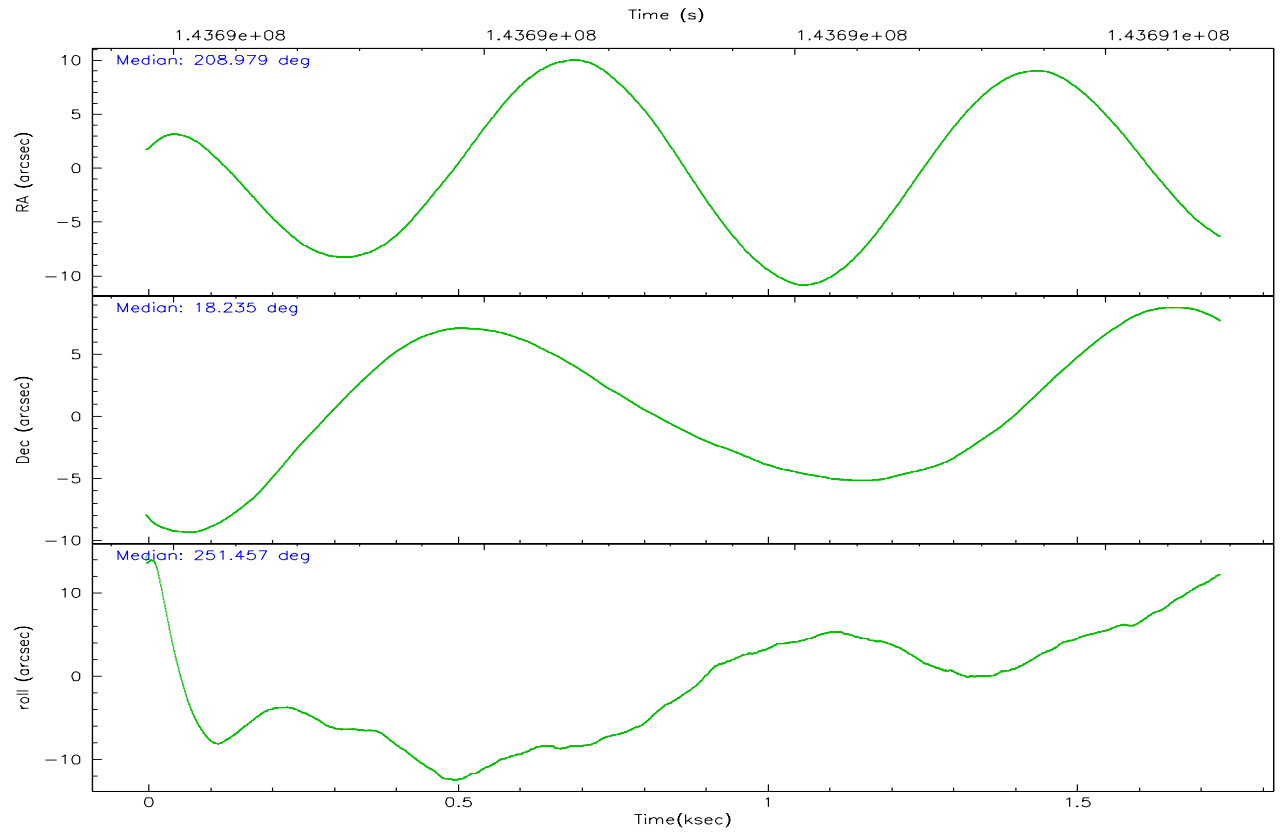
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1617	1594	1684	1607	1997	886
	17%	16%	16%	16%	18%	4%
grade 1 events	8	4	10	6	4	13
	0%	0%	0%	0%	0%	0%
grade 2 events	454	504	461	423	473	2282
	4%	5%	4%	4%	4%	12%
grade 3 events	133	150	155	132	159	566
	1%	1%	1%	1%	1%	3%
grade 4 events	147	148	132	143	151	485
	1%	1%	1%	1%	1%	2%
grade 5 events	293	315	314	322	358	804
	3%	3%	3%	3%	3%	4%
grade 6 events	310	346	276	306	304	5965
	3%	3%	2%	3%	2%	33%
grade 7 events	6474	6695	7308	7067	7265	6849
	68%	68%	70%	70%	67%	38%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	208.972993	208.9788683220388	Subarray requested	NONE	NONE
Pointing Dec	18.261310	18.23450376205442	Alternating exposures requested	N	N
Pointing Roll	251.266787	251.4737545810284	Primary exposure time	0.000000	3.2
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	143689633.184000	143688968.5837			
Observation start date	2002-07-22T01:46:09	2002-07-22T01:36:08			
Observation end time	143691188.184000	143691502.3838			
Observation end date	2002-07-22T02:12:04	2002-07-22T02:18:22			
Read mode	TIMED	TIMED			

2.3 Aspect



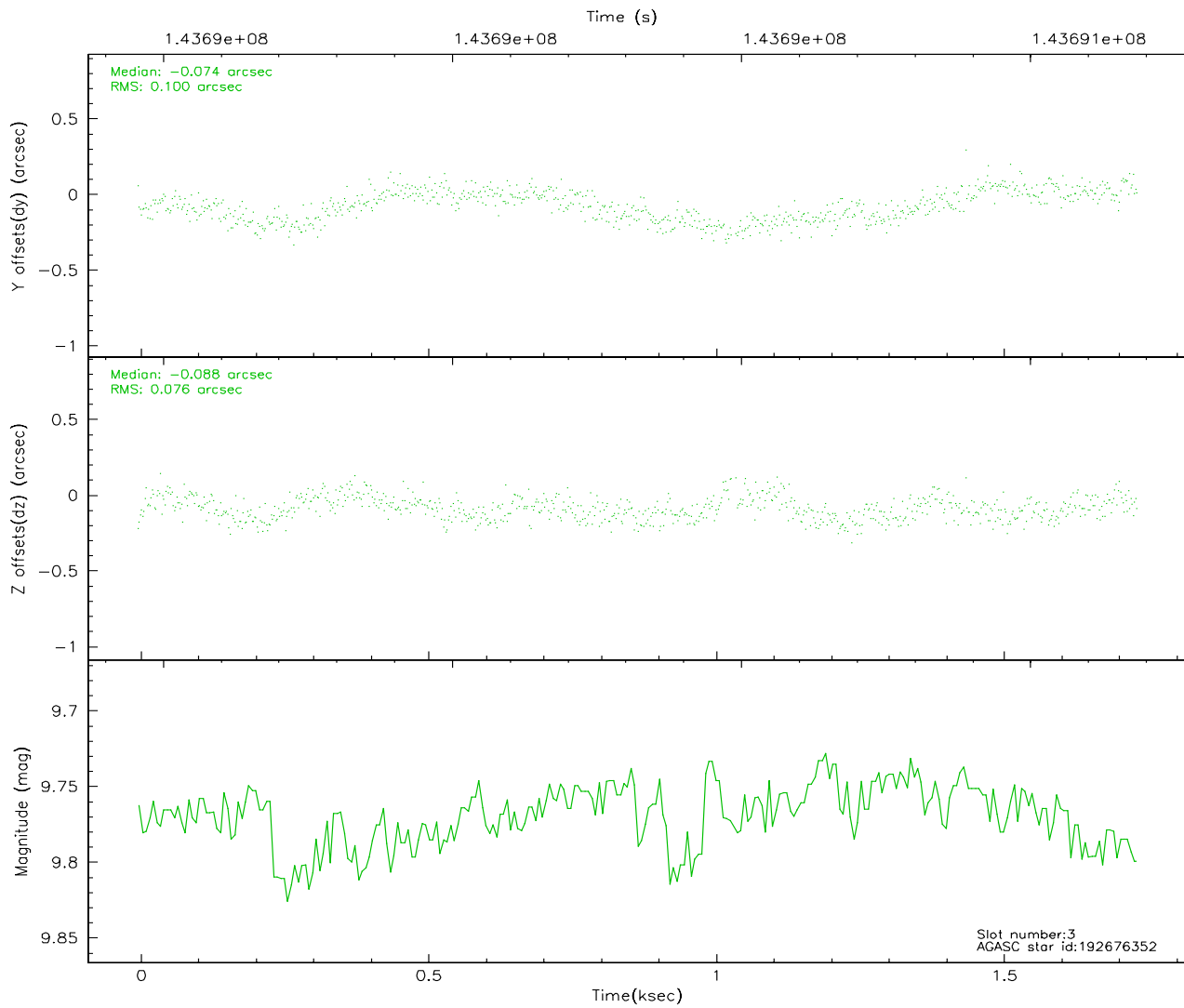
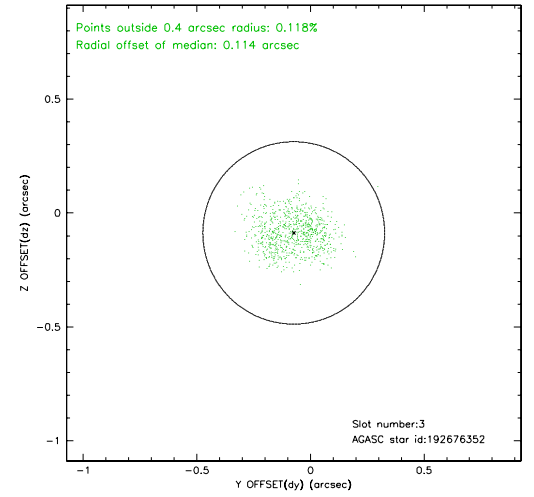
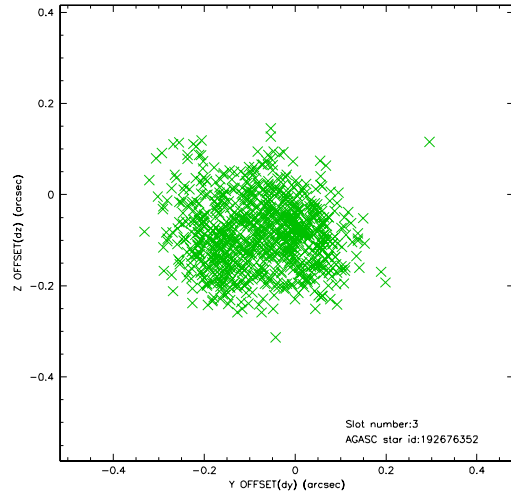


Slot Statistics

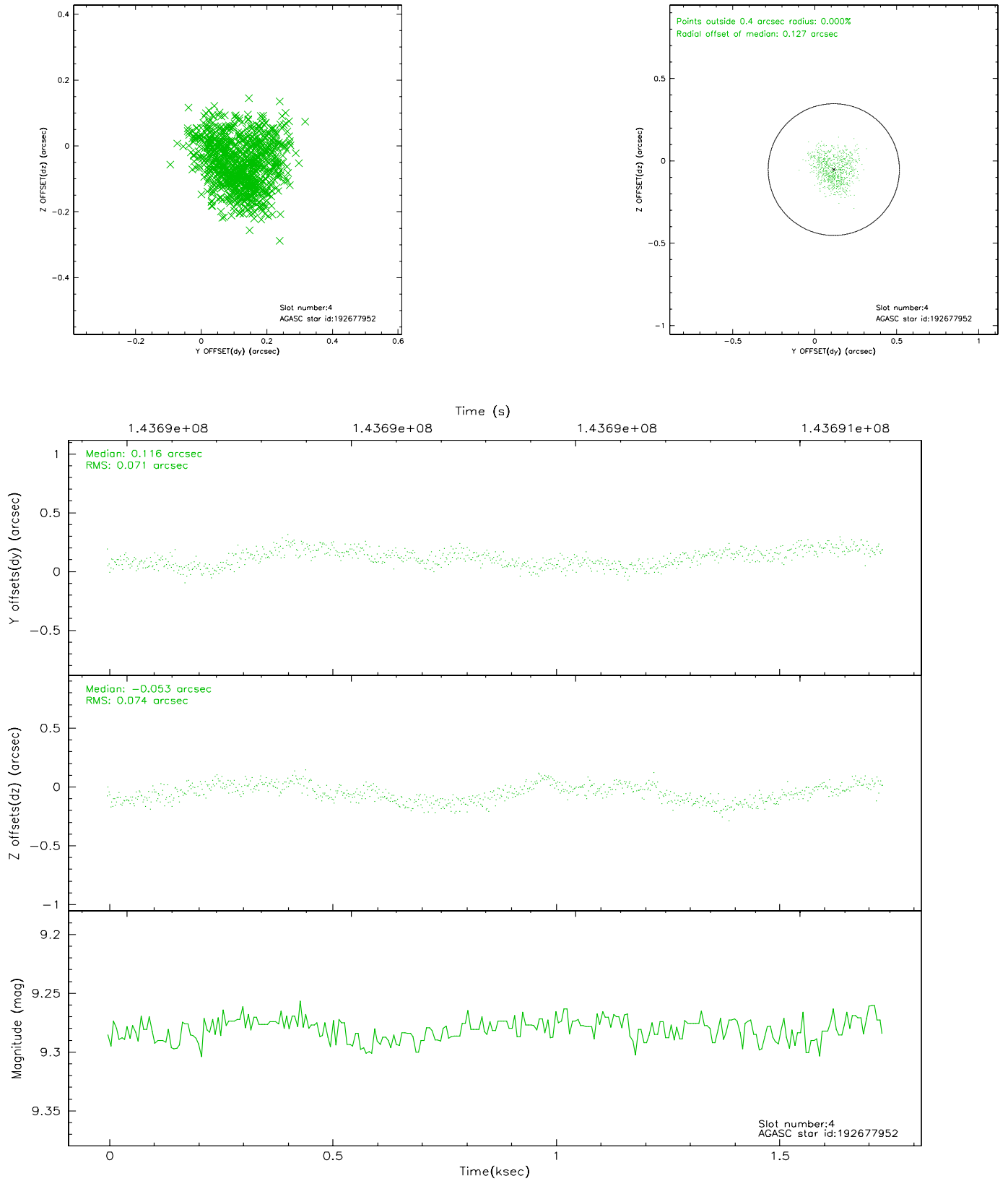
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	424	-0.051	0.091	0.009	0.014	0.000000	0.000000	937.74	-831.69
1	FID	ACIS-I-5	7.24	424	-0.017	0.021	0.008	0.014	0.000000	0.000000	-1808.21	1063.85
2	FID	ACIS-I-6	7.26	424	-0.023	-0.042	0.008	0.012	0.000000	0.000000	399.22	1712.58
3	GUIDE	192676352	9.77	844	-0.074	-0.088	0.136	0.207	208.584068	18.171137	735.32	-1156.95
4	GUIDE	192677952	9.28	848	0.116	-0.053	0.112	0.166	208.719264	18.036016	1049.17	-564.34
5	GUIDE	192678280	7.54	848	-0.104	0.147	0.092	0.147	209.396717	18.260570	-461.90	1370.46
6	GUIDE	192682712	9.60	847	0.147	0.155	0.151	0.224	209.161472	17.691572	1735.28	1271.89
7	GUIDE	192681008	10.06	845	-0.095	-0.165	0.378	0.501	208.704210	18.398710	-170.34	-1028.32

2.4 Star Slots

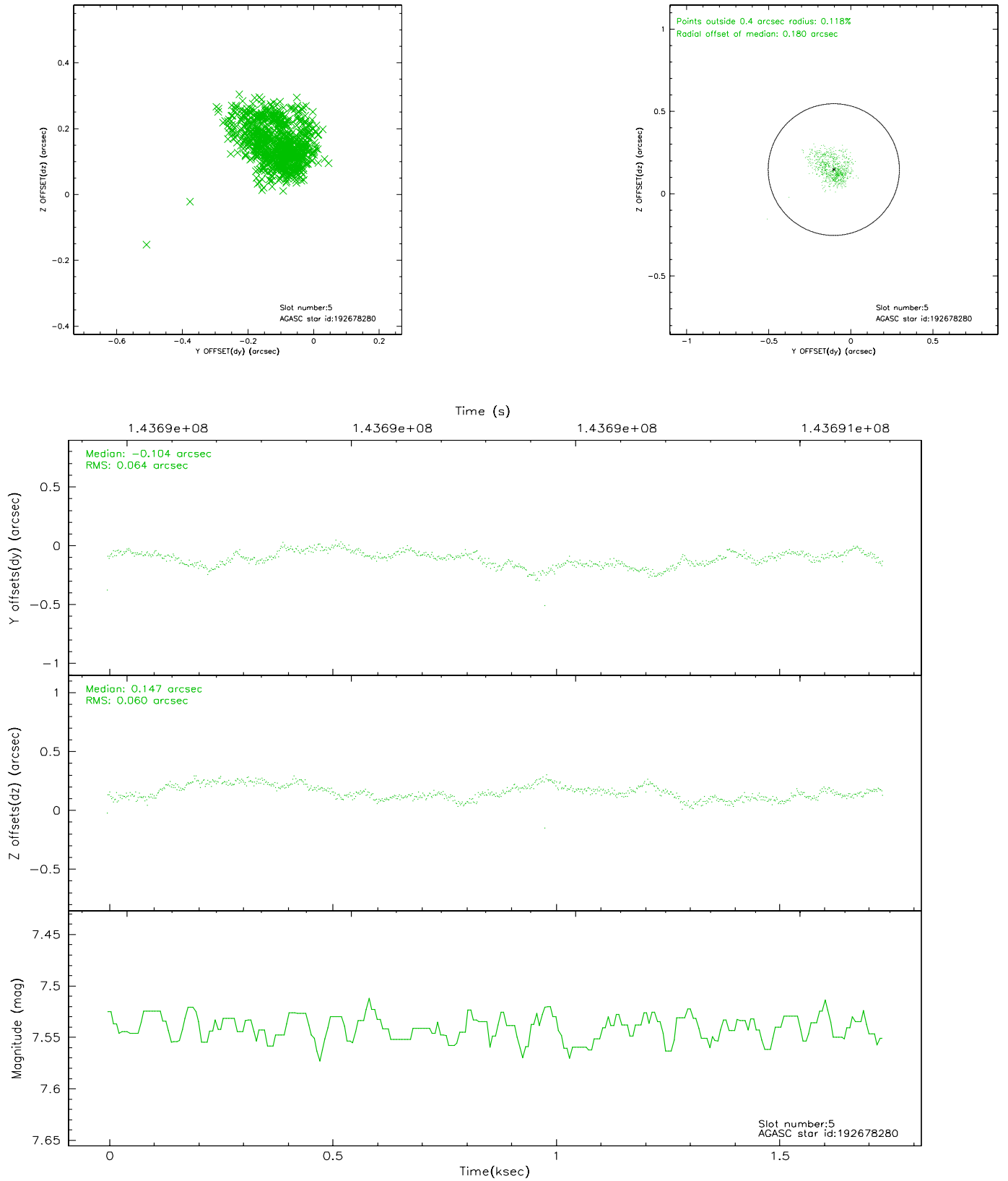
2.4.1 Slot 3



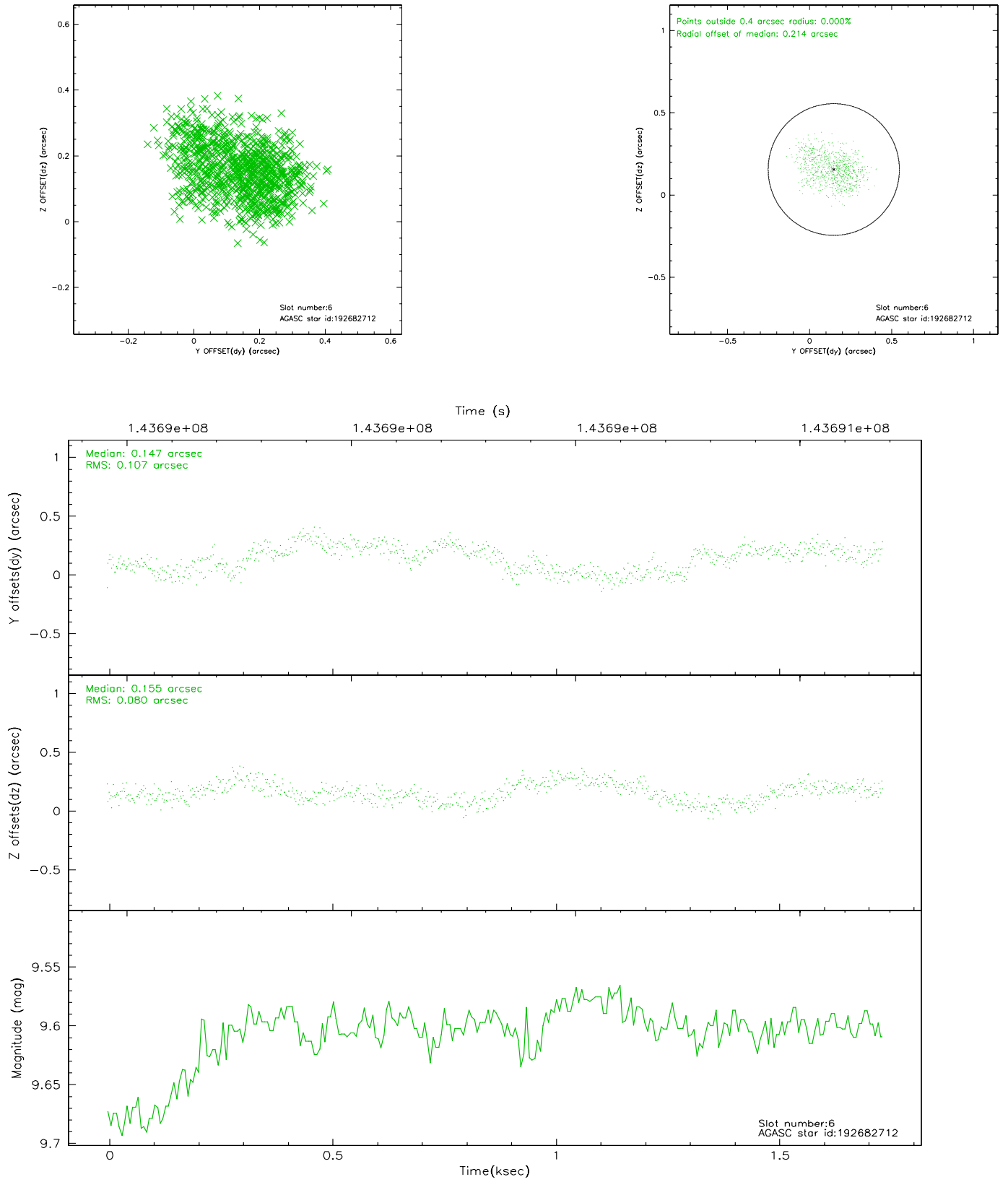
2.4.2 Slot 4



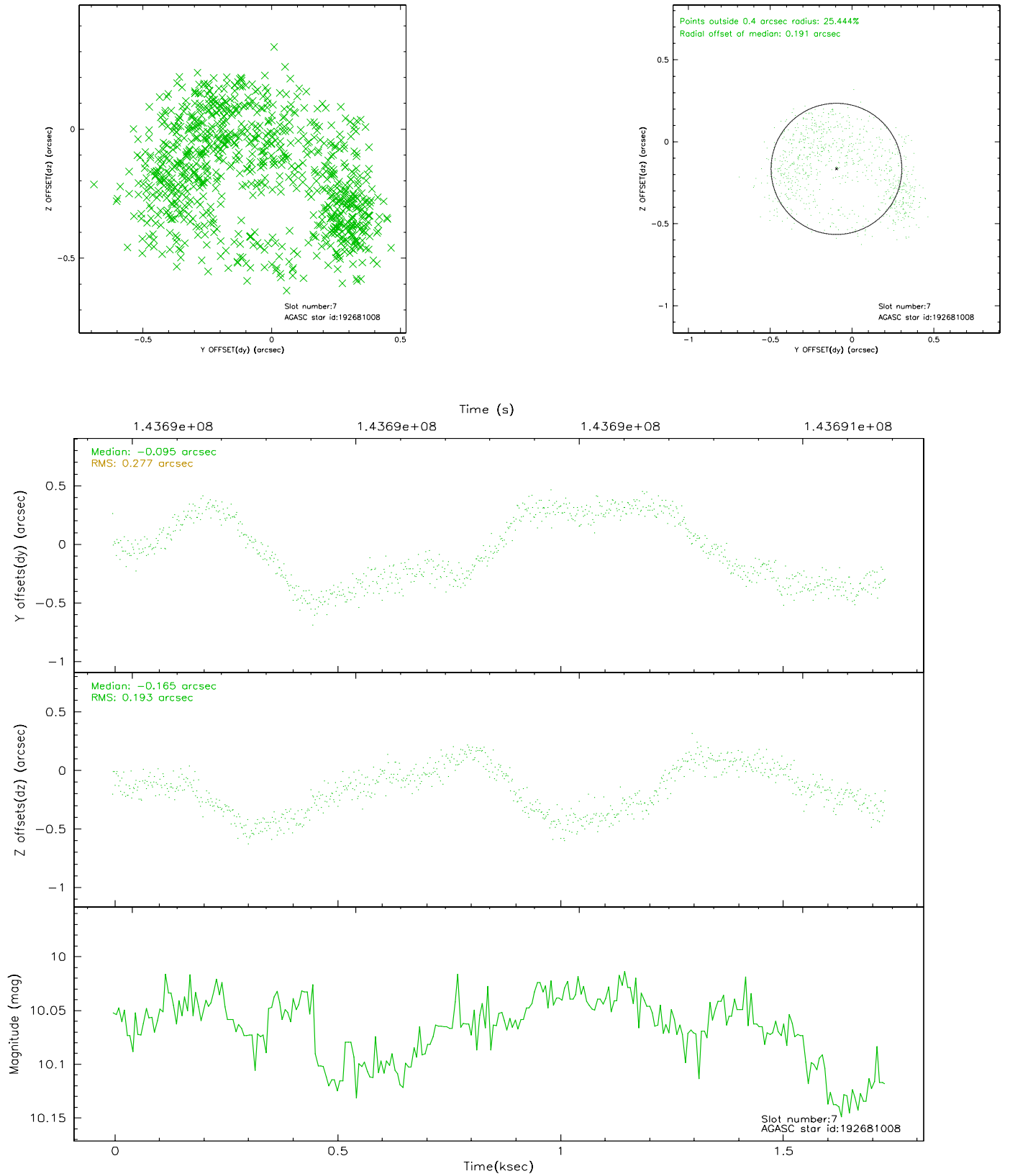
2.4.3 Slot 5



2.4.4 Slot 6

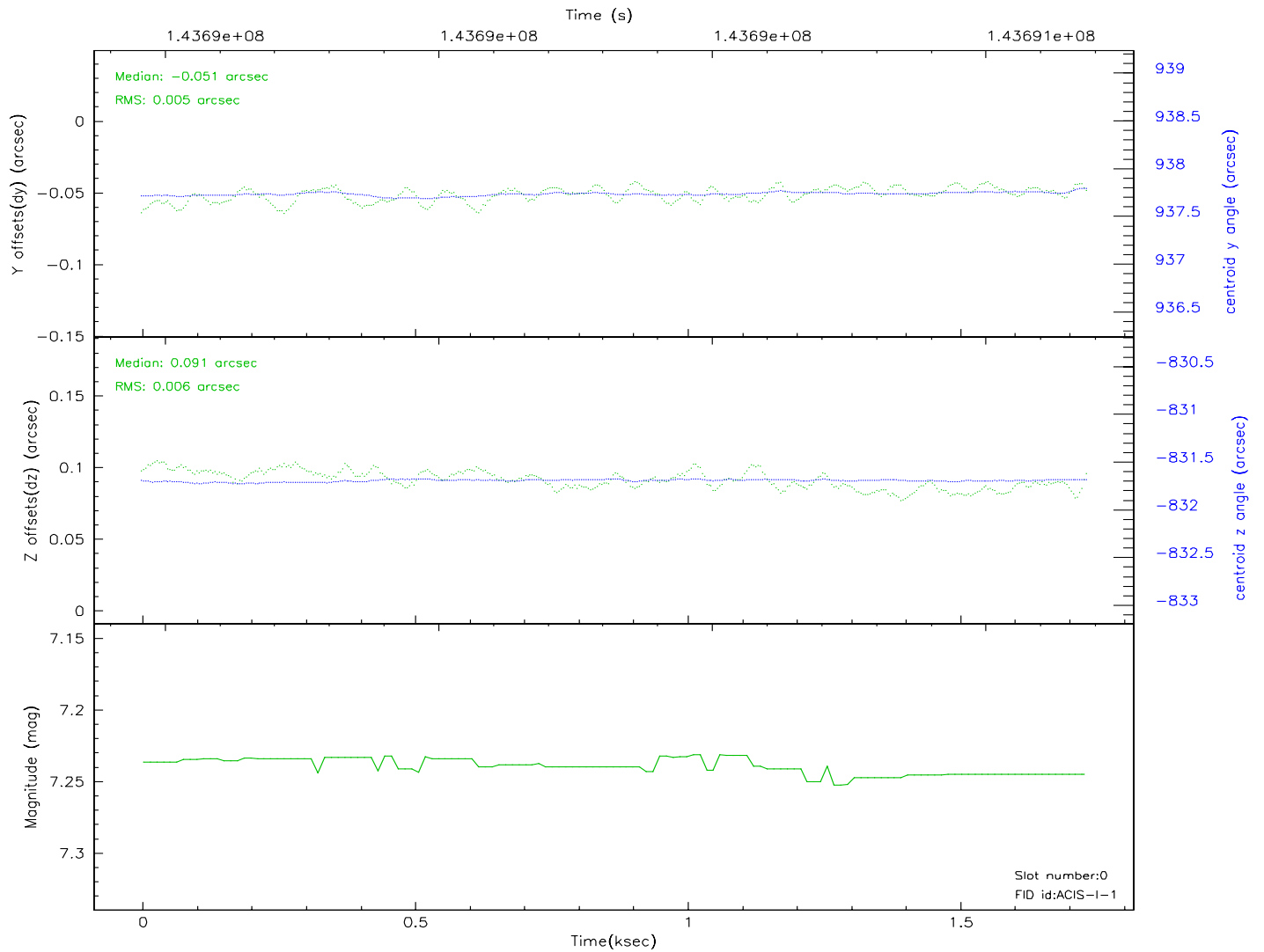
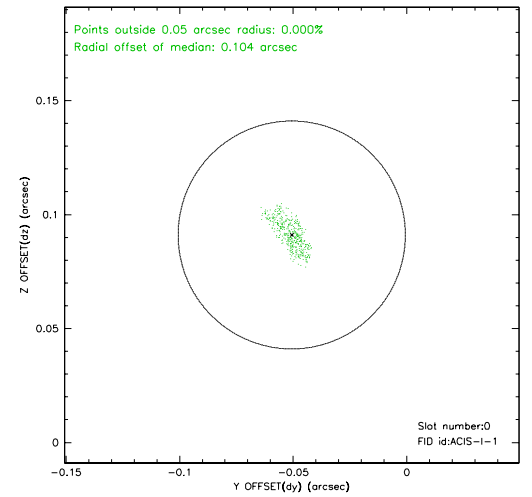
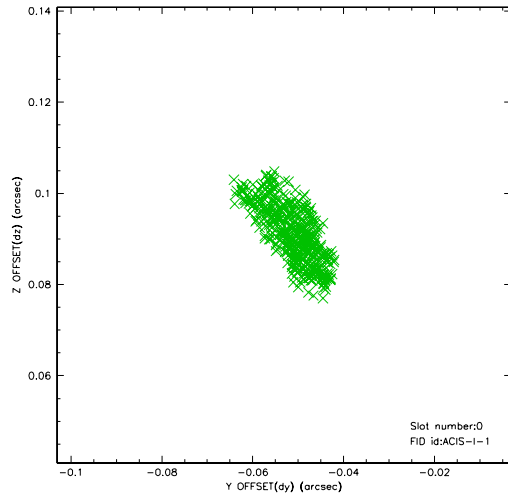


2.4.5 Slot 7

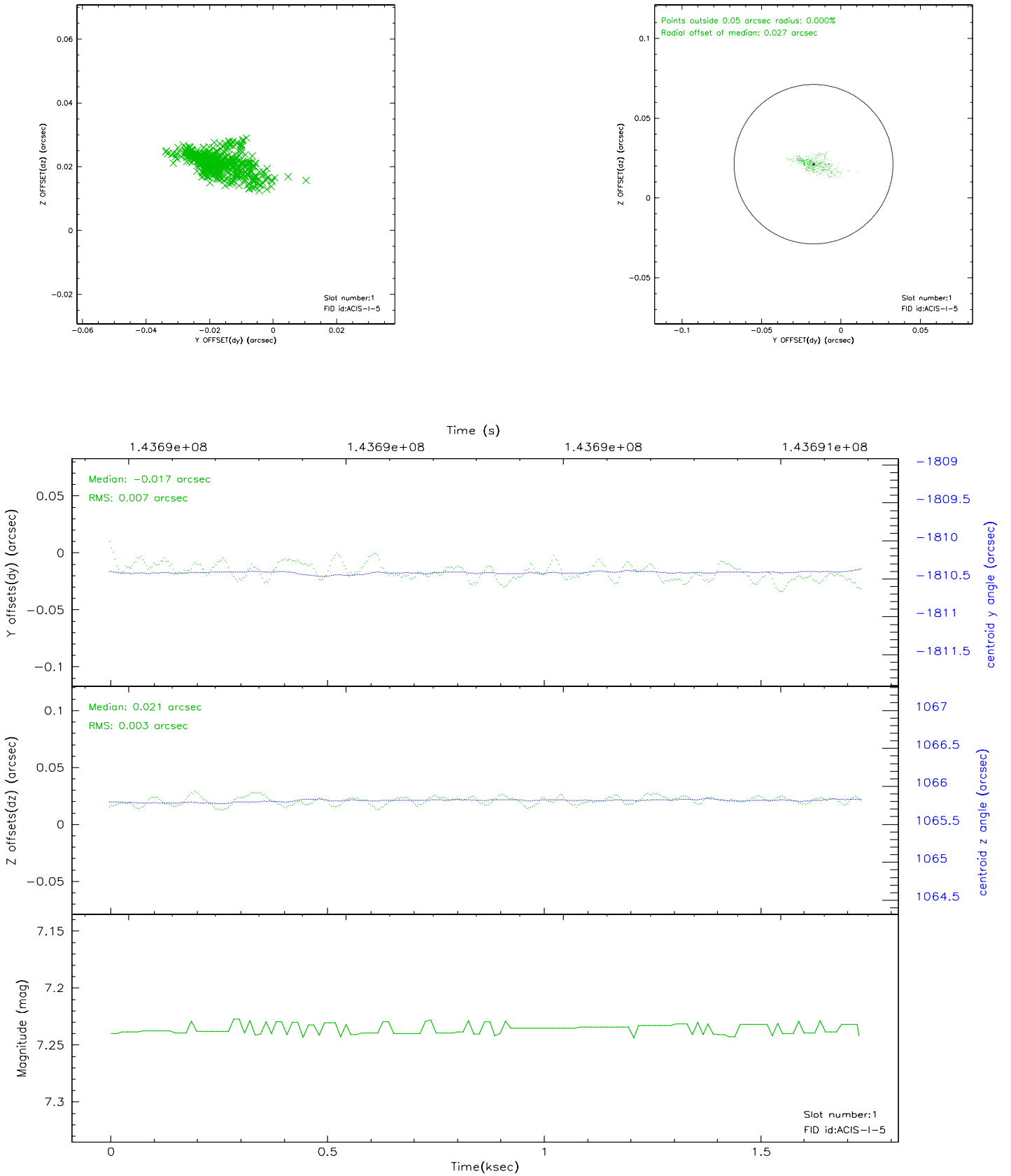


2.5 FID Slots

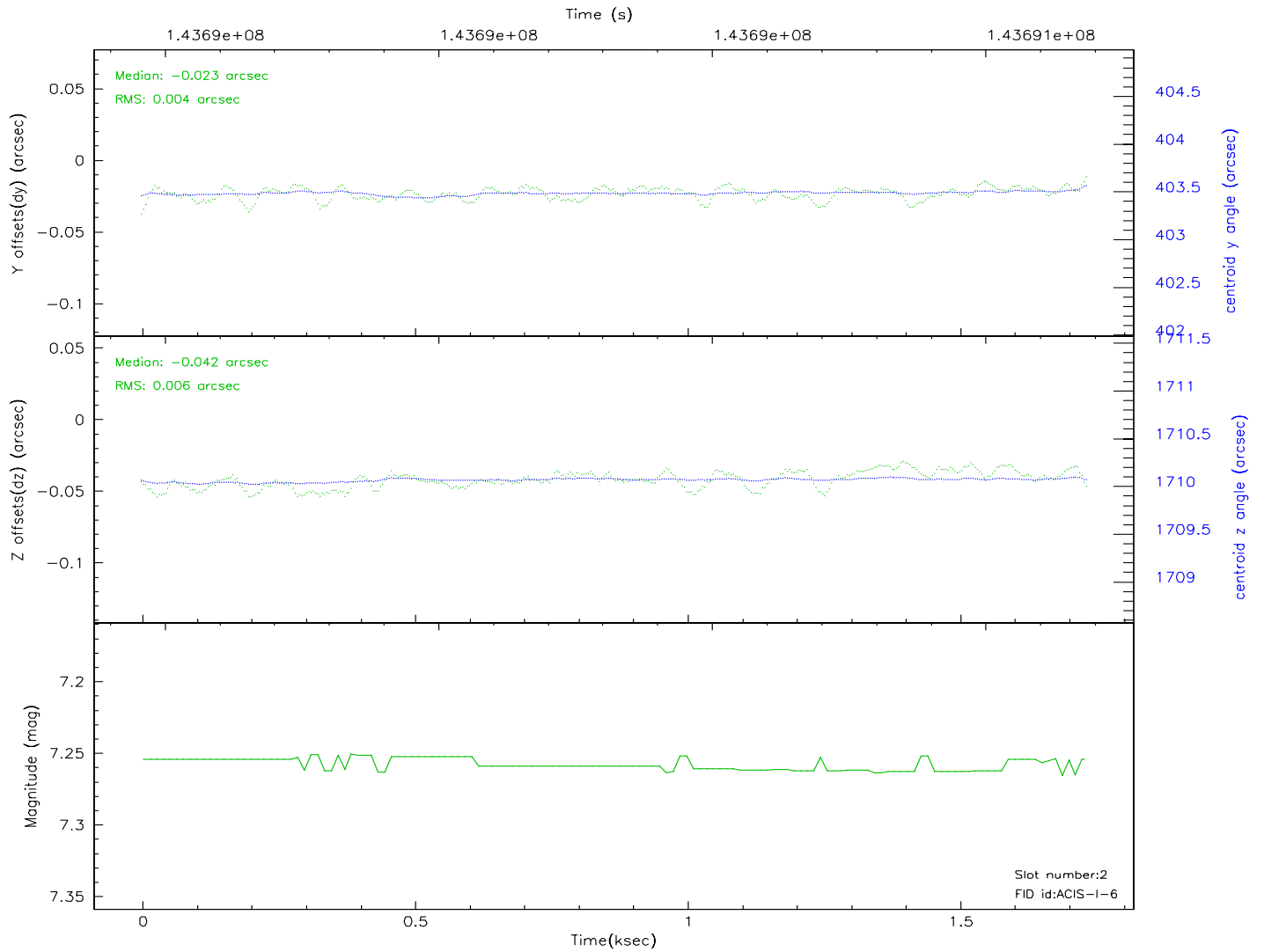
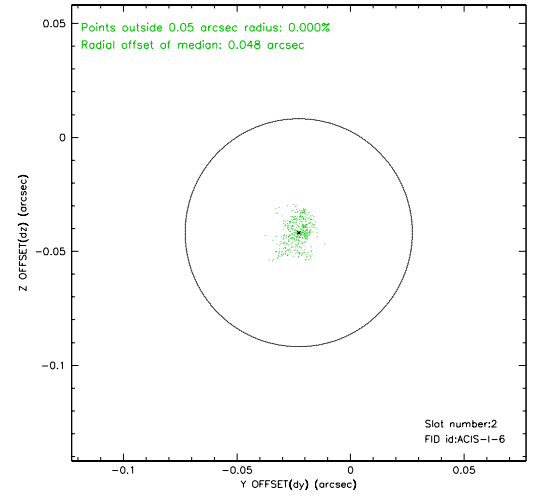
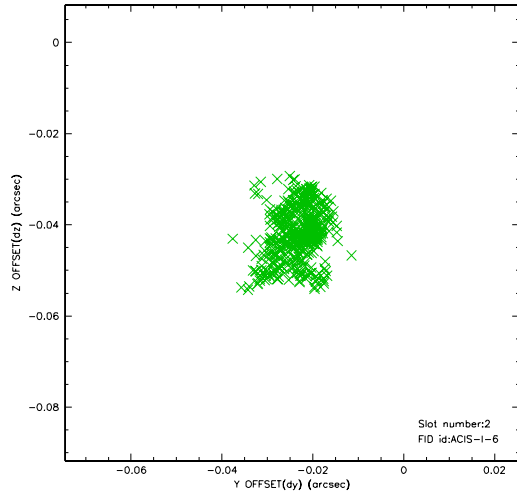
2.5.1 Slot 0



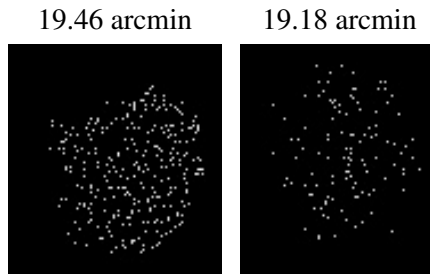
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.308

A.2 Comments

The guide star in slot 7 has an RMS > 0.2 arcsec; however, since only one star is affected, this should not degrade the aspect solution.