

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5404 - L2 Version 002
Chandra X-Ray Center

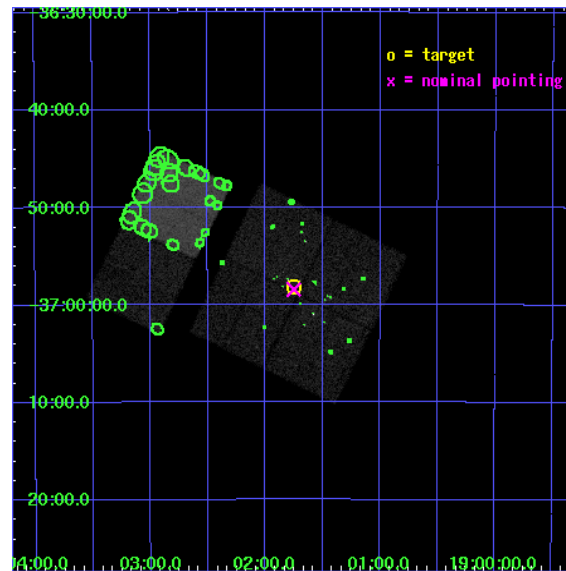
L2 Processing Date : Mar 19 2006

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1 Front

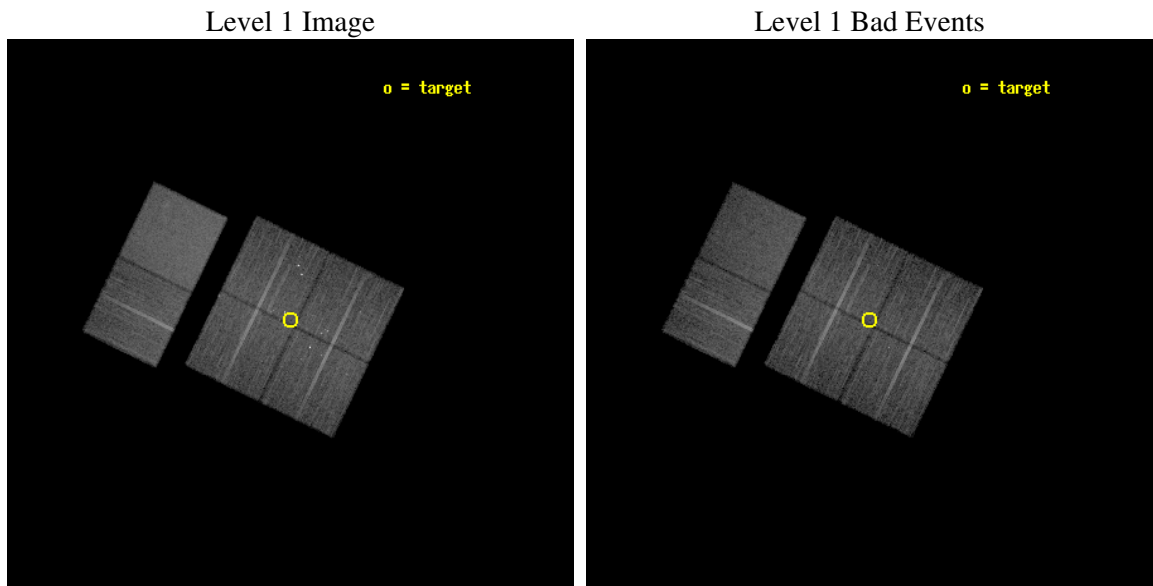
seq_num	200338
obs_id	5404
title	Simultaneous X-ray and Radio Monitoring of YSO Activity in the Coronet Cluster
observer	Jan Forbrich
object	Coronet Cluster
dtcycle	0
cycle	P
ra_targ	285.4375
dec_targ	-36.969167
ra_nom	285.43778962462
dec_nom	-36.973787043851
roll_nom	295.98757598668
revision	2
ontime	15174.399943471
livetime	14982.25255446
ontime0	15174.399943471
ontime1	15174.399943471
ontime2	15174.399943471
ontime3	15174.399943471
ontime6	15171.15895319
ontime7	15174.399943471
l2events	118588



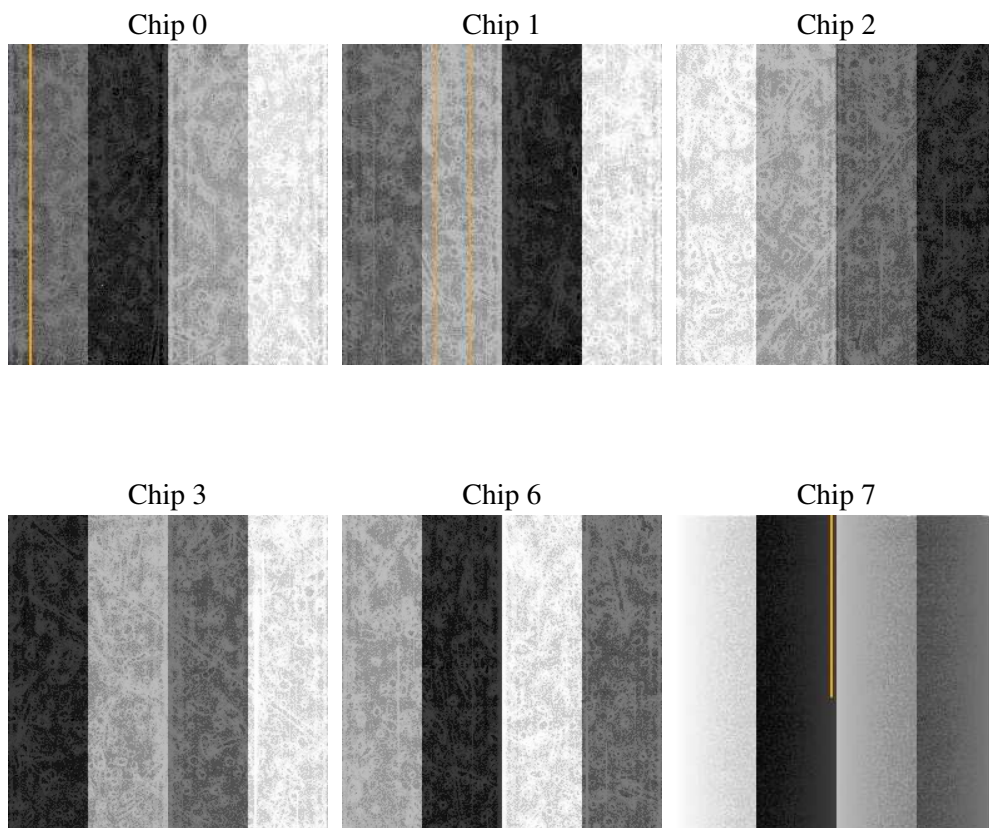
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-19T04:37:10
revision	2

sched_exp_time	15000.000000
ontime	16707.411746114
ontime0	16710.65274632
ontime1	16710.65274632
ontime2	16707.411746114
ontime3	16707.411746114
ontime6	16704.170755833
ontime7	16707.411746114
l1events	742803

2.1.4 Events

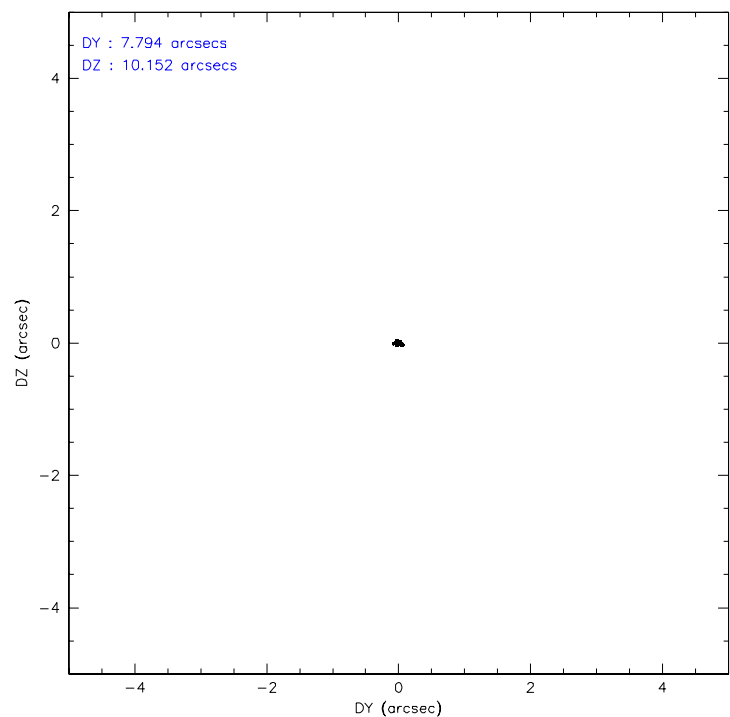
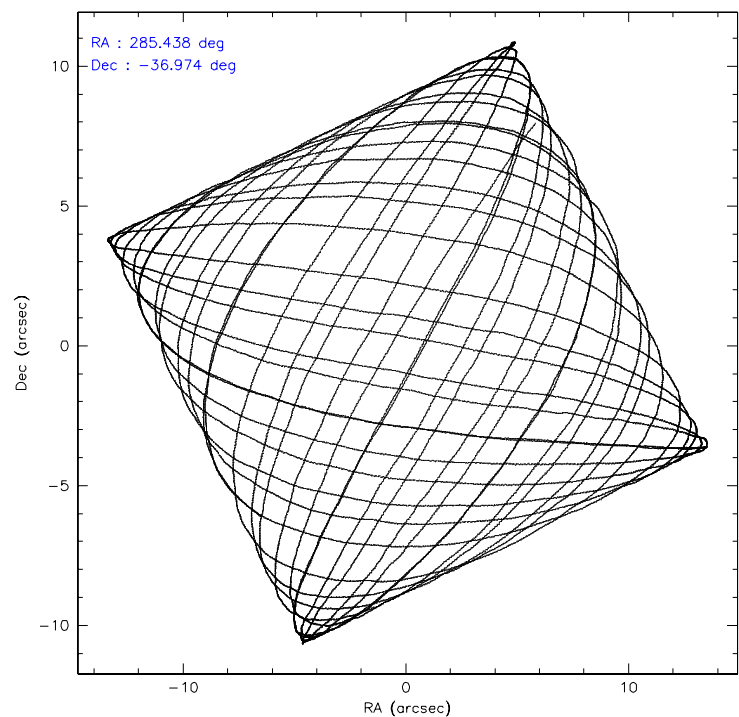
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	112590	113348	115253	118840	120322	162450
rejected events	96252	98618	102418	102025	107621	106920
rejected %	85%	87%	88%	85%	89%	65%

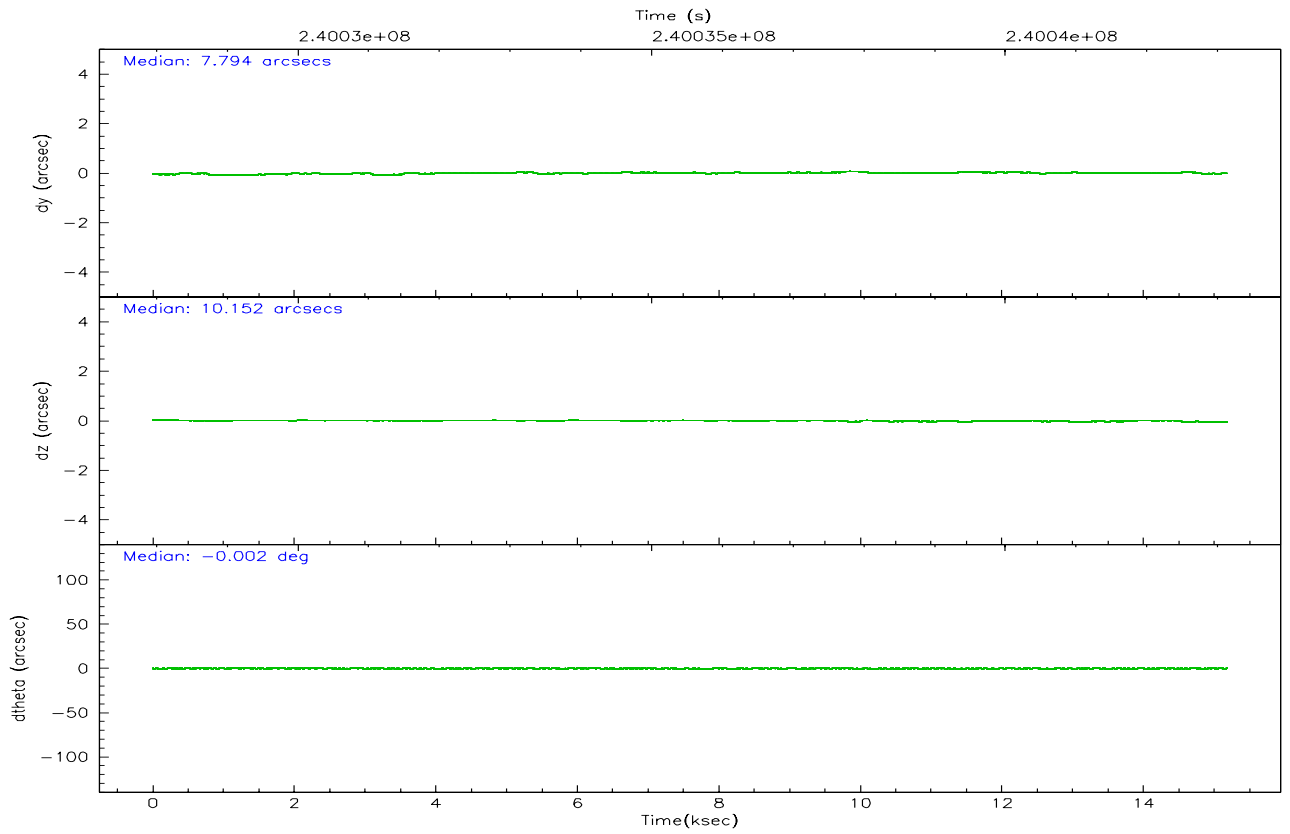
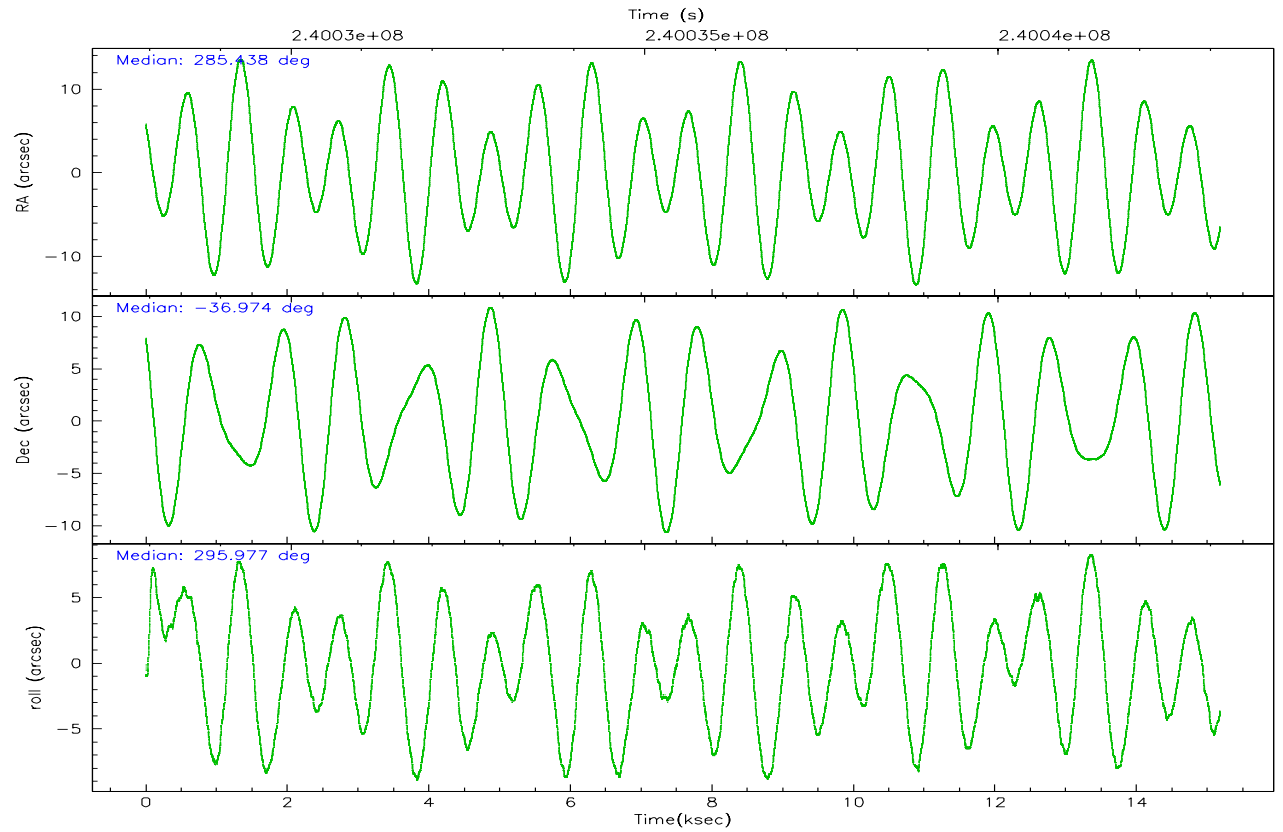
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	8840	6710	6263	9312	5316	3382
	7%	5%	5%	7%	4%	2%
grade 1 events	173	88	64	126	49	83
	0%	0%	0%	0%	0%	0%
grade 2 events	3396	3546	2862	3212	3020	15289
	3%	3%	2%	2%	2%	9%
grade 3 events	1594	1532	1335	1522	1382	2970
	1%	1%	1%	1%	1%	1%
grade 4 events	1372	1394	1359	1472	1401	2876
	1%	1%	1%	1%	1%	1%
grade 5 events	4840	5202	4637	5455	5842	10701
	4%	4%	4%	4%	4%	6%
grade 6 events	2548	2920	2278	2689	2918	36629
	2%	2%	1%	2%	2%	22%
grade 7 events	89827	91956	96455	95052	100394	90520
	79%	81%	83%	79%	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	285.409329	285.4377896246159	Alternating exposures requested	N	N
Pointing Dec	-36.958568	-36.9737870438506	Primary exposure time	0.000000	3.2
Pointing Roll	295.761774	295.987575986678			
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	240028136.184000	240026305.31798			
Observation start date	2005-08-10T02:27:52	2005-08-10T01:58:25			
Observation end time	240043136.184000	240044008.6063			
Observation end date	2005-08-10T06:37:52	2005-08-10T06:53:28			
Read mode	TIMED	TIMED			

2.3 Aspect



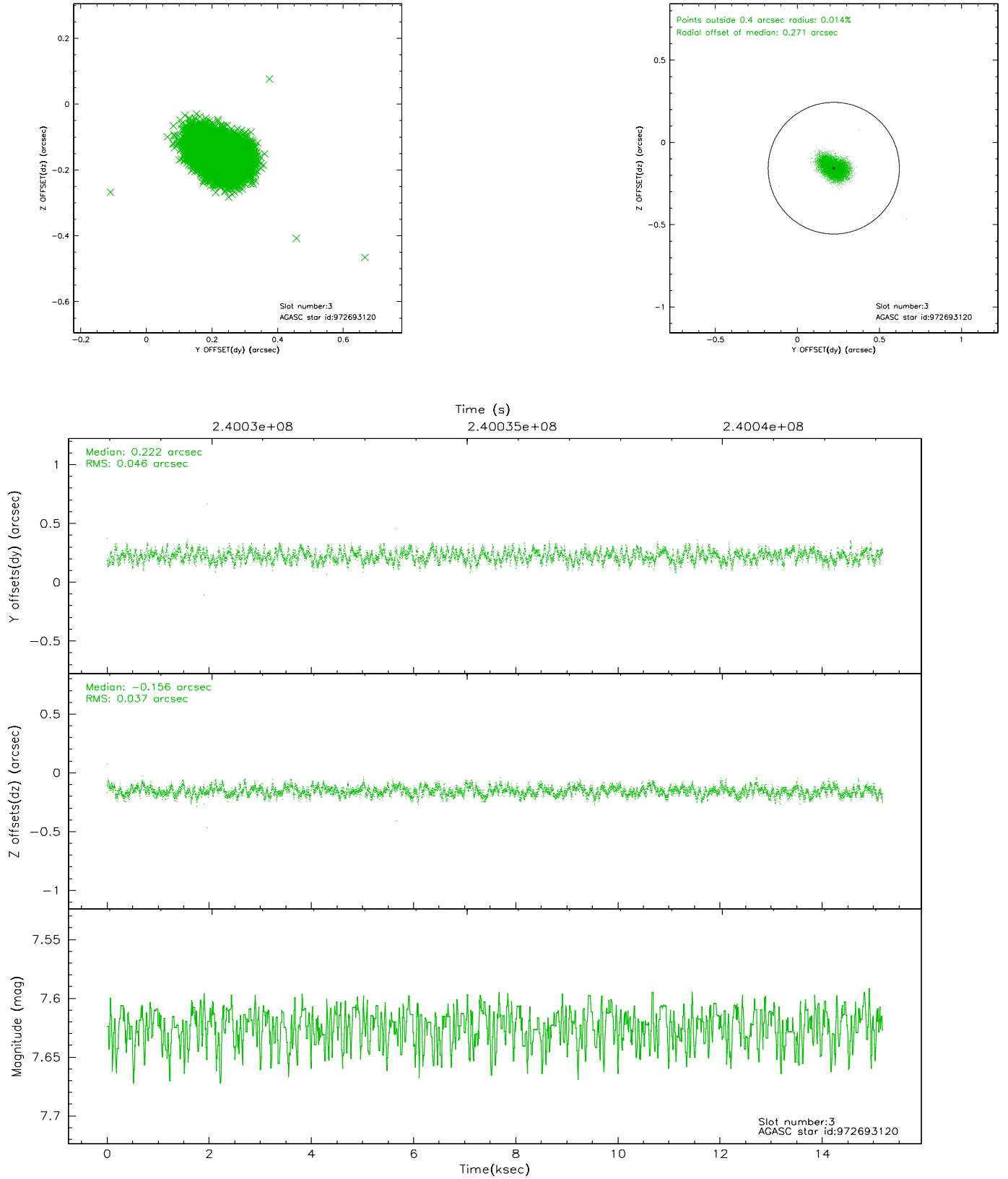


Slot Statistics

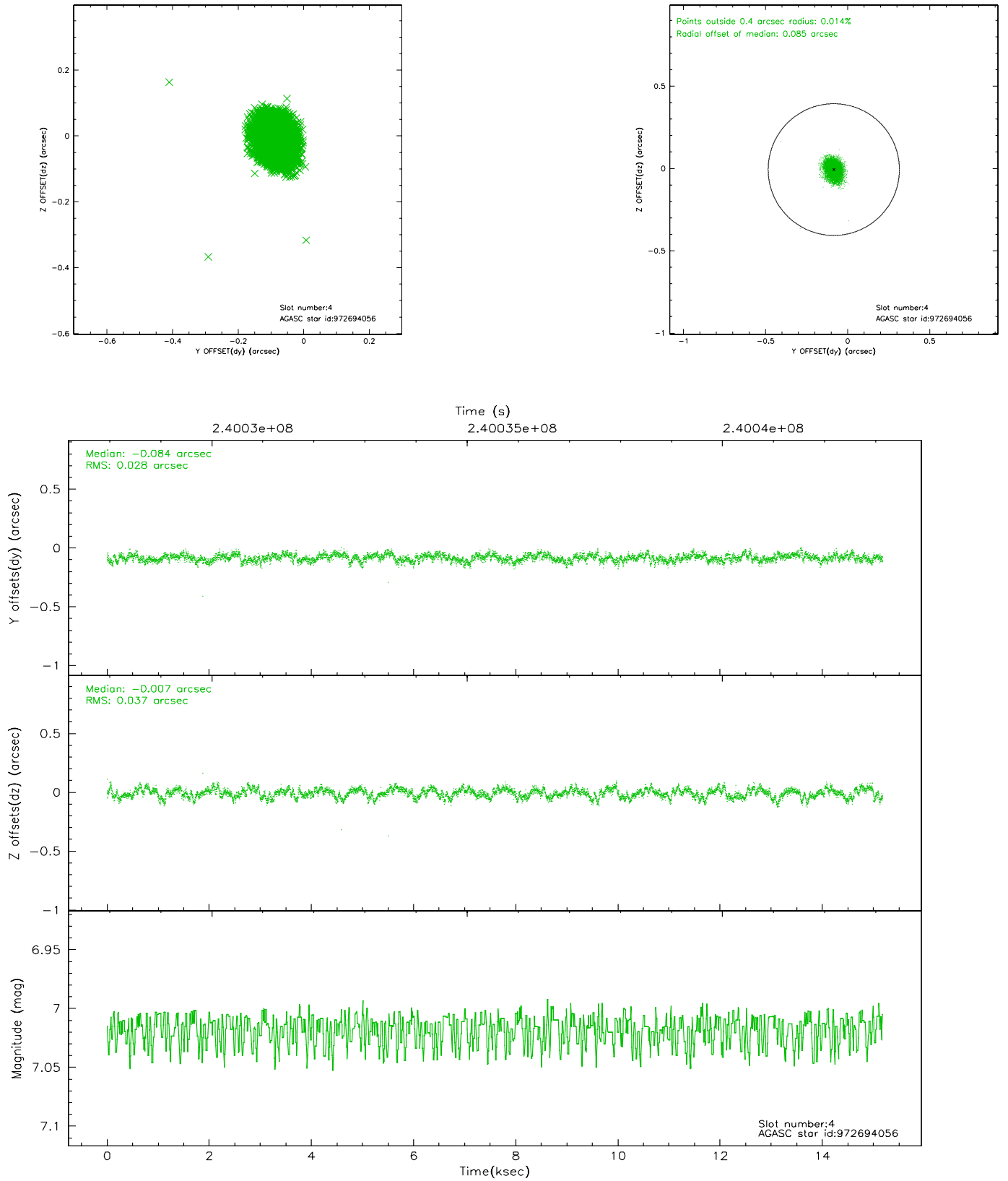
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	3703	0.002	0.024	0.007	0.012	0.000000	0.000000	931.87	-833.60
1	FID	ACIS-I-5	7.23	3703	-0.156	0.025	0.006	0.011	0.000000	0.000000	-1816.23	1063.74
2	FID	ACIS-I-6	7.25	3703	0.063	0.022	0.006	0.011	0.000000	0.000000	397.15	1708.58
3	GUIDE	972693120	7.62	7406	0.222	-0.156	0.063	0.100	285.412210	-36.890704	-215.88	113.53
4	GUIDE	972694056	7.02	7407	-0.084	-0.007	0.049	0.080	285.682787	-36.657985	-630.28	1181.03
5	GUIDE	1037567144	8.75	7396	-0.027	0.032	0.077	0.125	284.940440	-37.605390	1519.56	-2217.38
6	GUIDE	972689192	8.93	7403	-0.069	0.039	0.139	0.201	284.589186	-37.133486	-445.88	-2398.24
7	GUIDE	972816680	9.14	7401	-0.026	0.092	0.101	0.158	286.054324	-36.904693	637.92	1753.71

2.4 Star Slots

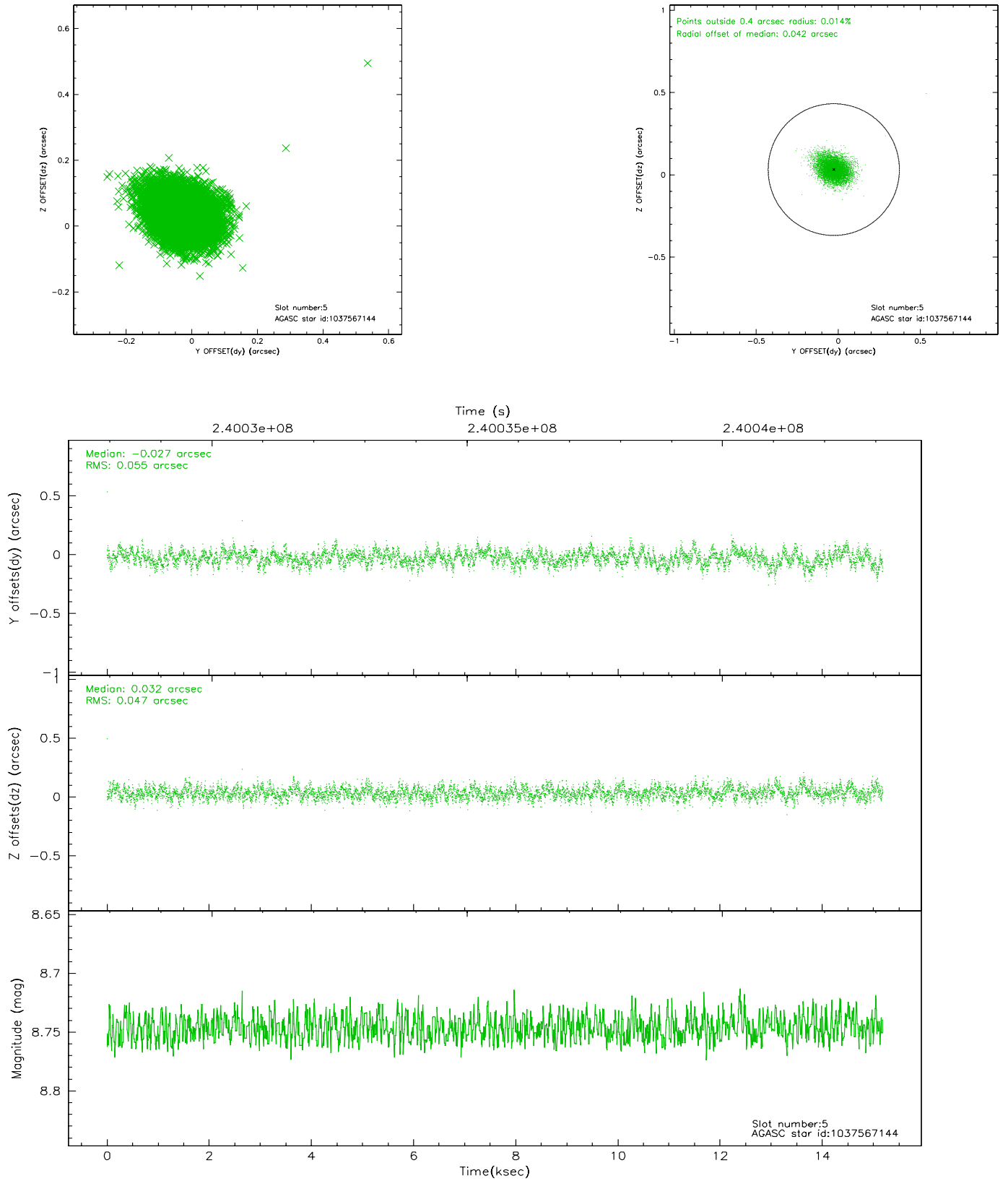
2.4.1 Slot 3



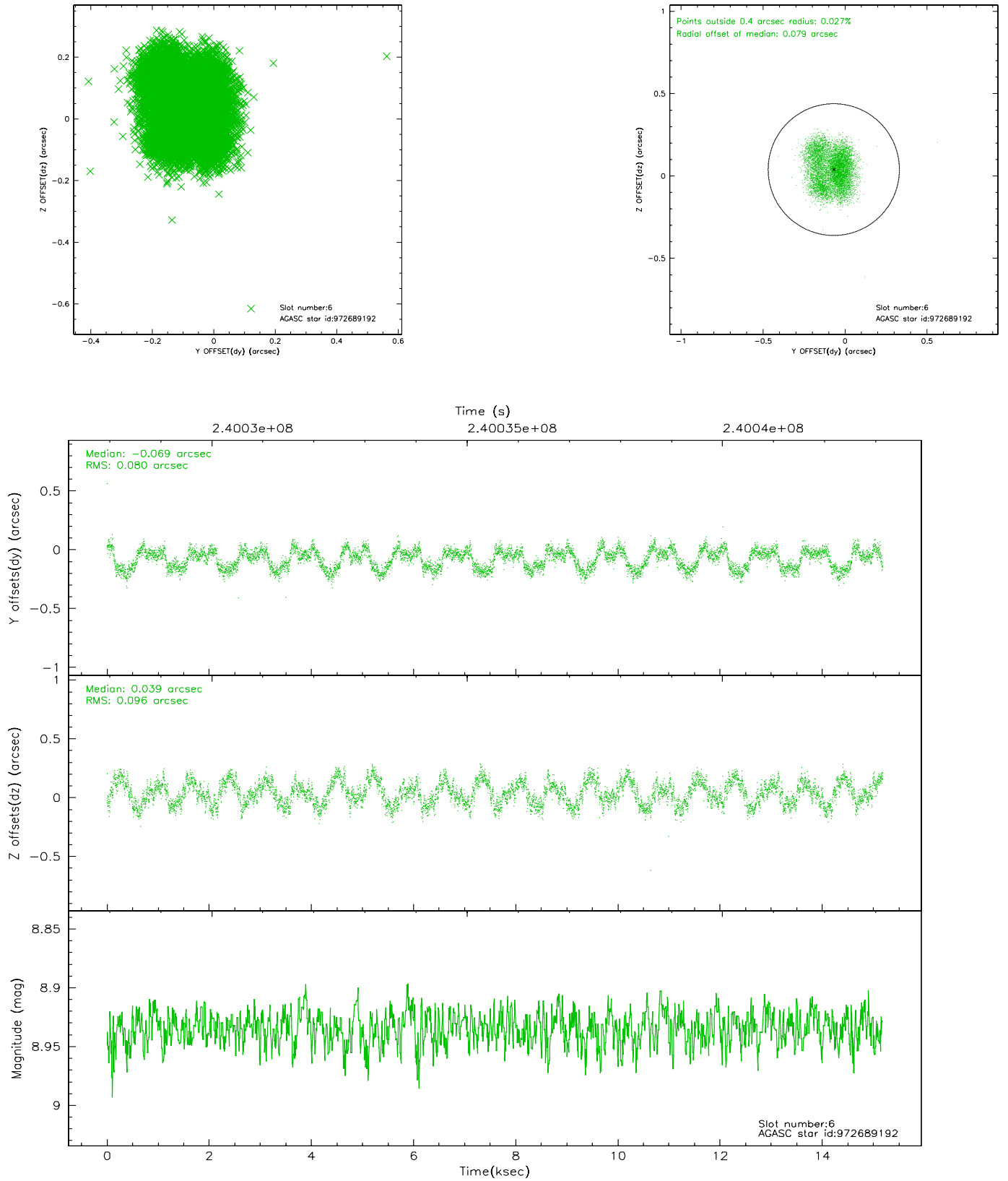
2.4.2 Slot 4



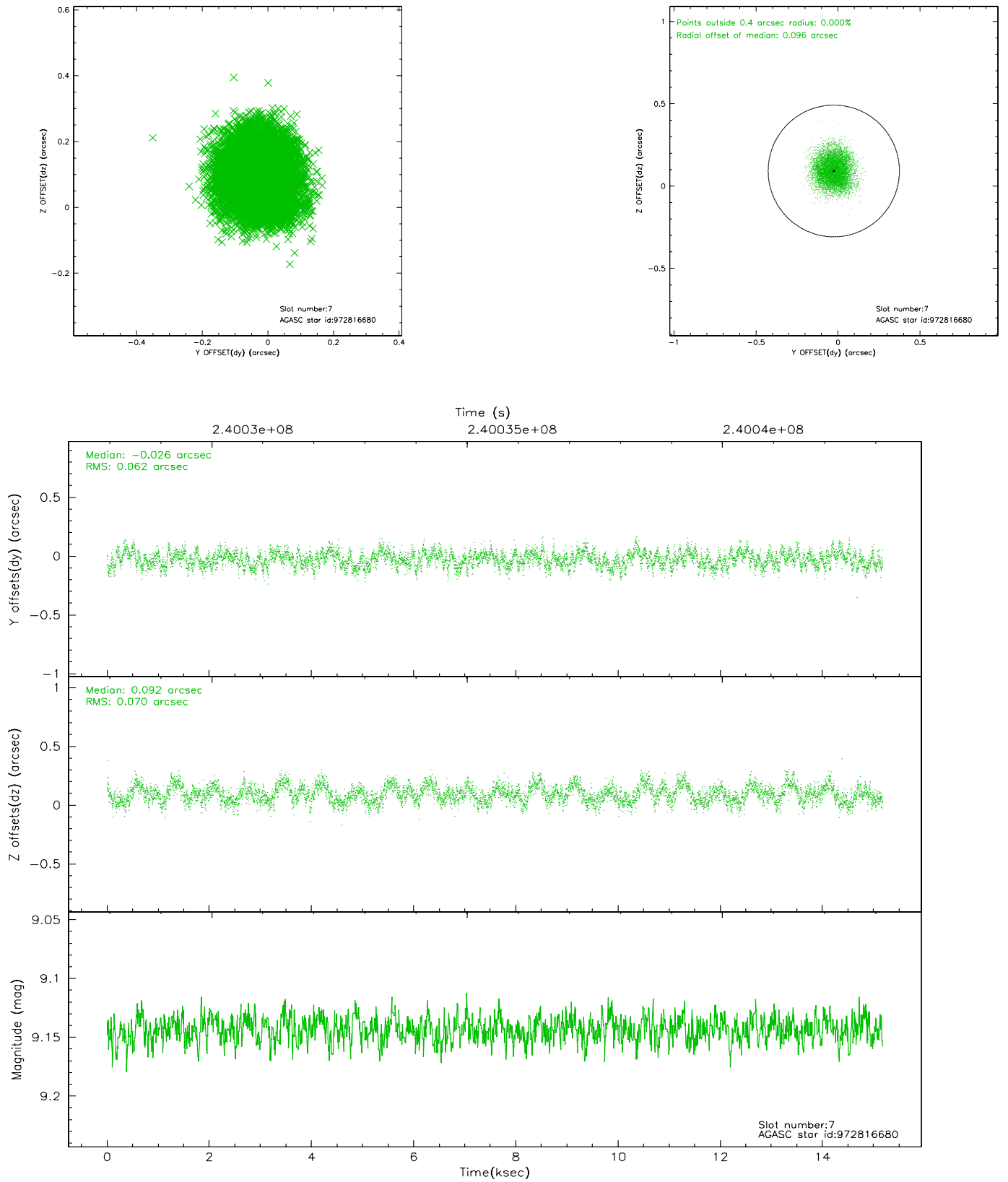
2.4.3 Slot 5



2.4.4 Slot 6

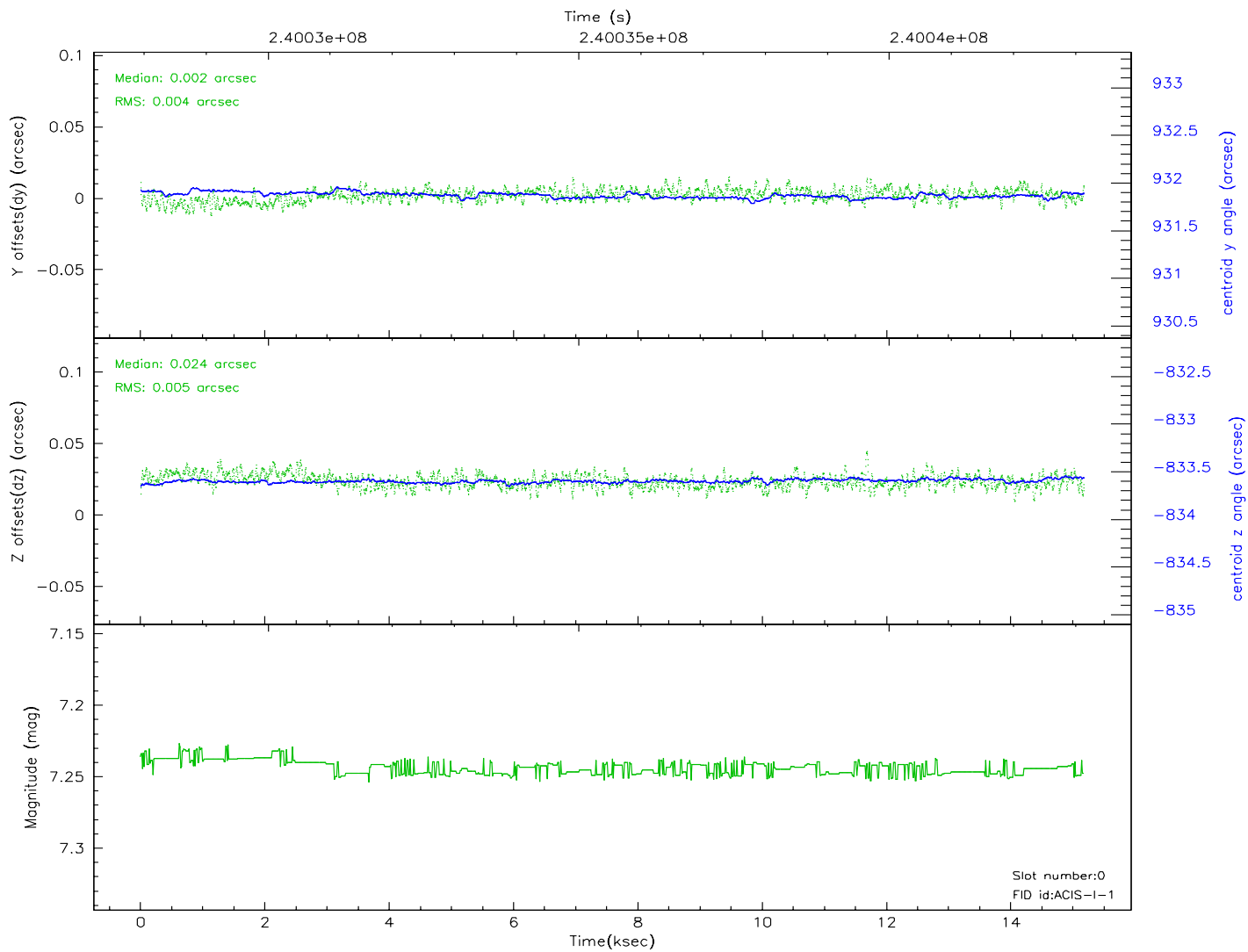
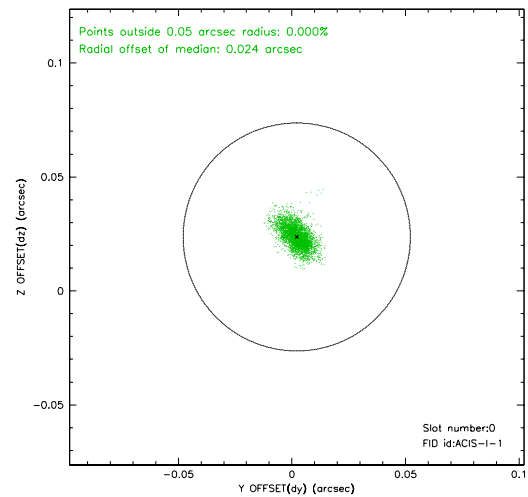
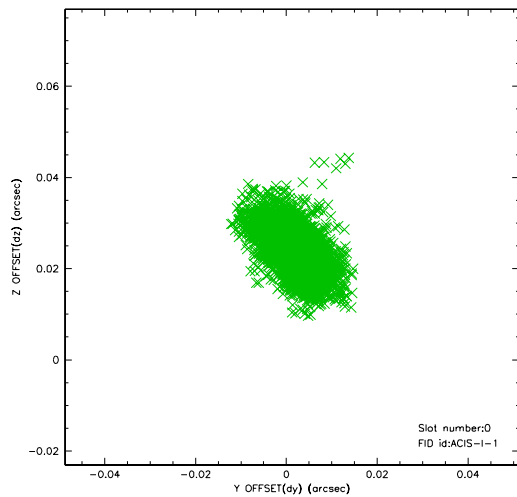


2.4.5 Slot 7

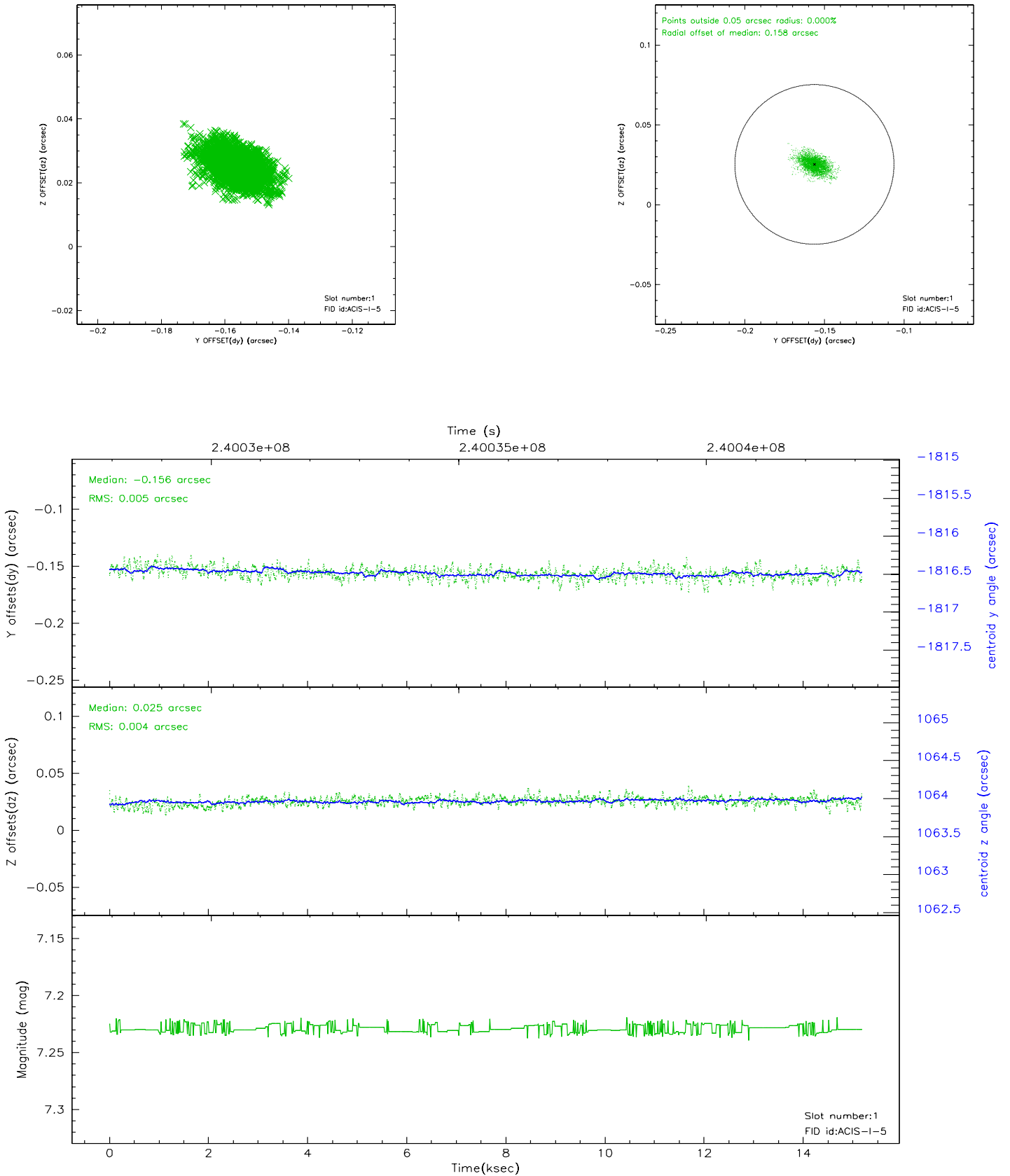


2.5 FID Slots

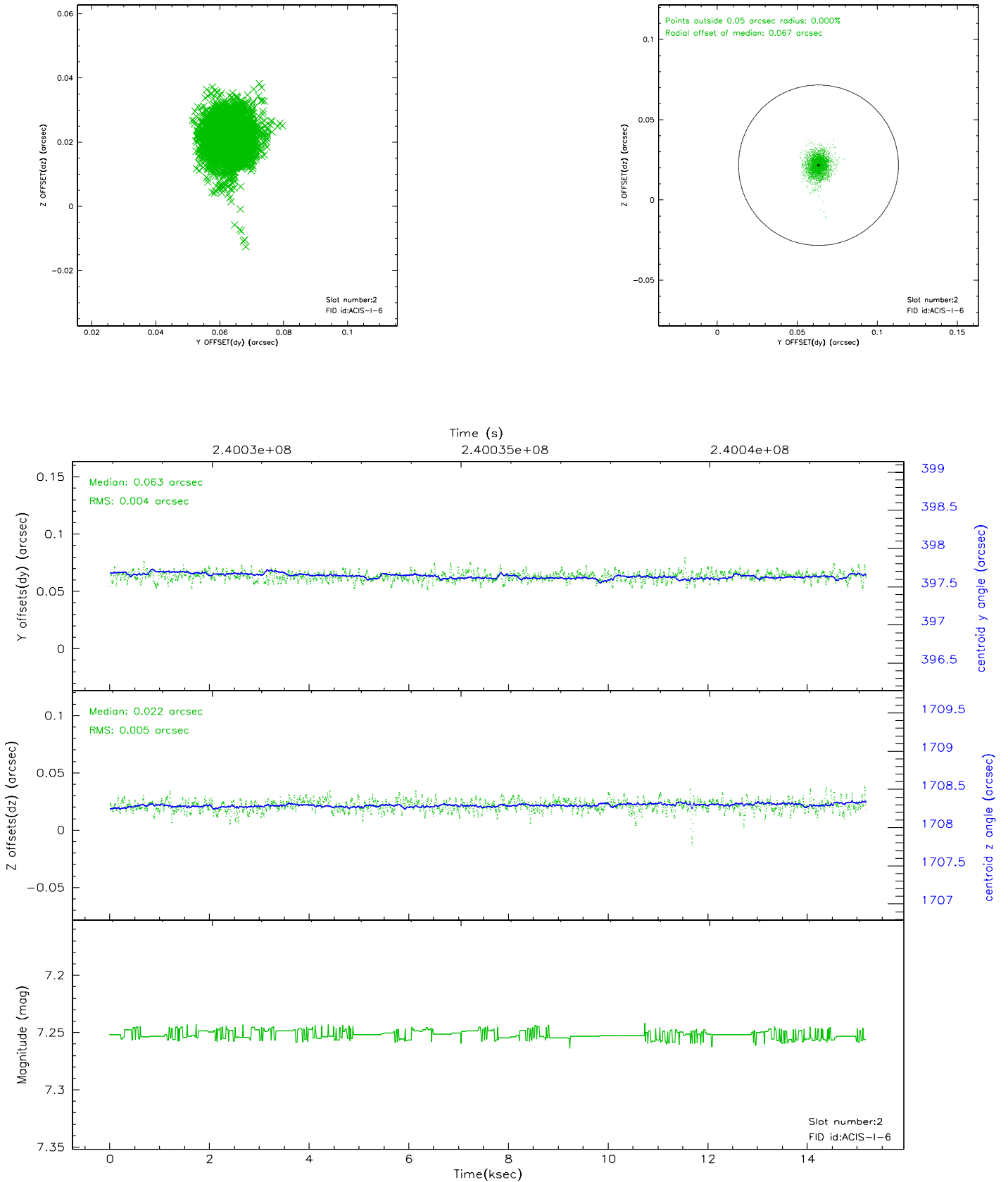
2.5.1 Slot 0



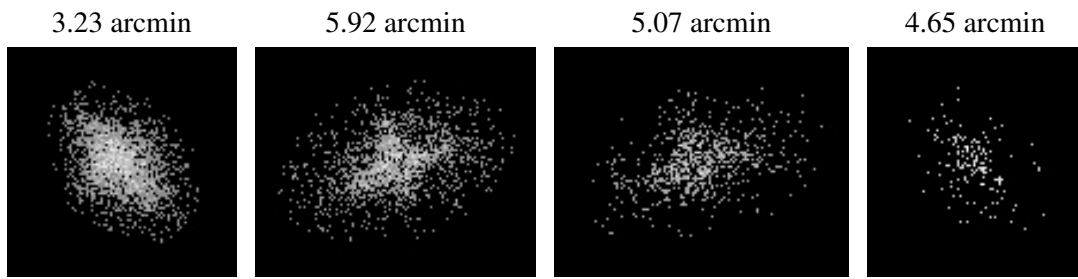
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.1743999

A.2 Comments

Charge time:

New charge time is less than charge time used in previously distributed version

NEW CHARGE TIME = 15.174400 ks, 1 Obis

PREVIOUS CHARGE TIME = 16.707410 ks, 1 Obis.