

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4756 - L2 Version 002
Chandra X-Ray Center

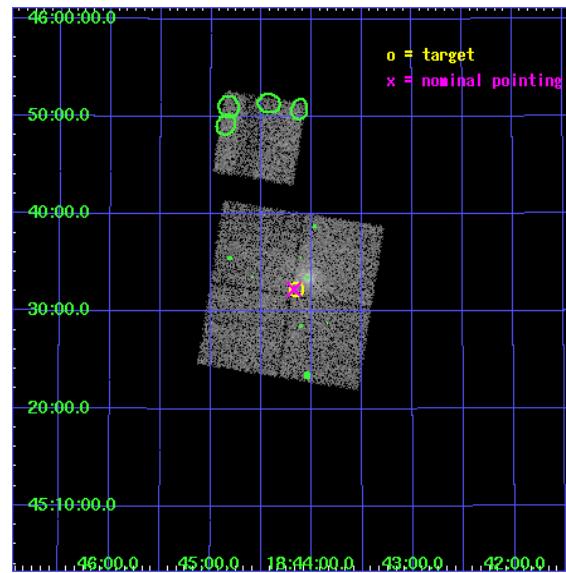
L2 Processing Date : Oct 2 2006

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1 Front

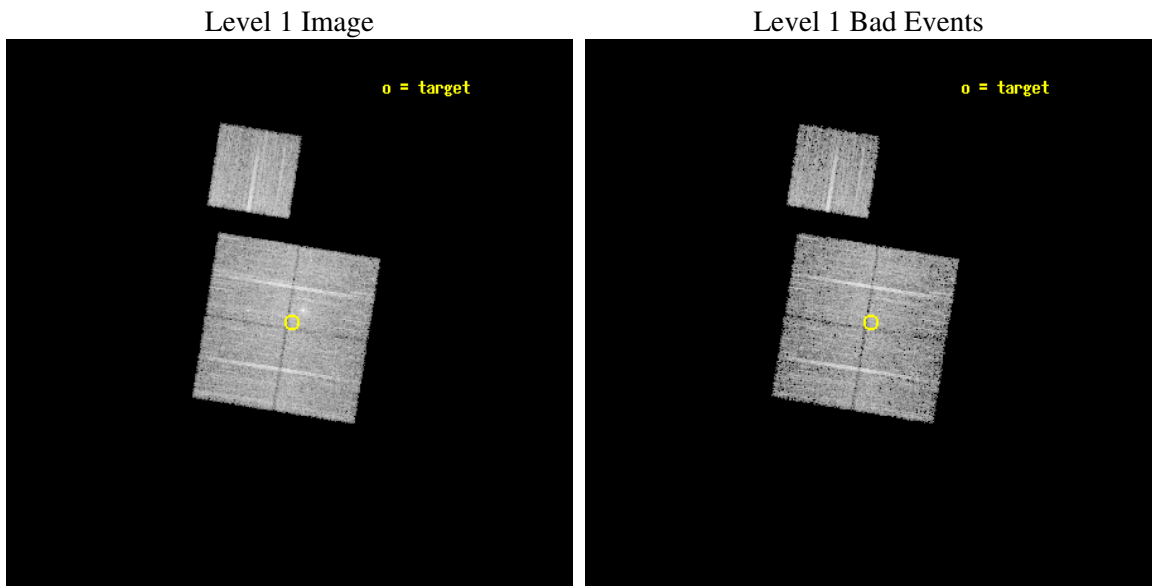
seq_num	700842
obs_id	4756
title	Shocks and Bubbles in the ICM: A Chandra Observation of 3C 388
observer	Dr. Stephen Murray
object	3C 388
dtcycle	0
cycle	P
ra_targ	281.037758
dec_targ	45.539203
ra_nom	281.04424508285
dec_nom	45.538099414163
roll_nom	9.1629625951946
revision	4
ontime	7780.8360940516
livetime	7679.1737423146
ontime0	7787.1180444956
ontime1	7787.1180744469
ontime2	7790.2590147555
ontime3	7780.8360940516
ontime6	7780.8360641301
l2events	41086



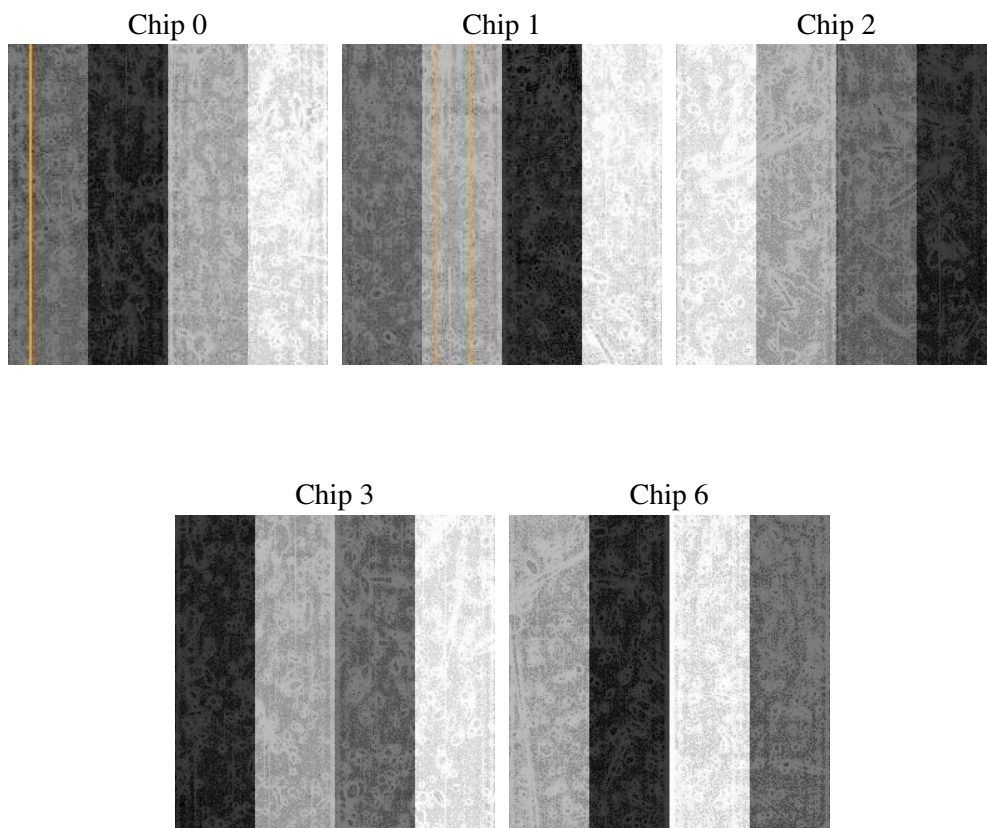
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-02T17:56:40
revision	4

sched_exp_time	38516.981000
ontime	7915.3246445358
ontime0	7921.6066249013
ontime1	7921.6066548526
ontime2	7924.7475652397
ontime3	7915.3246445358
ontime6	7915.3246146142
l1events	271201

2.1.4 Events

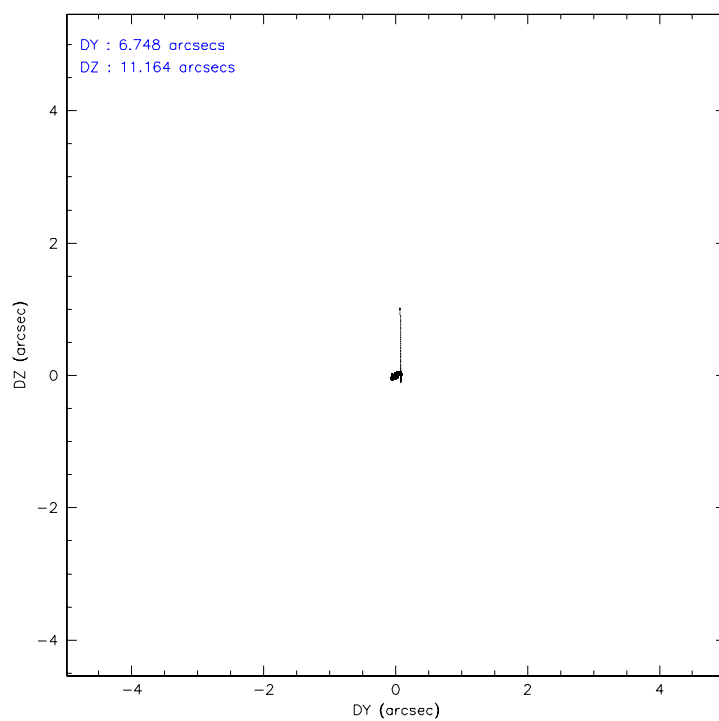
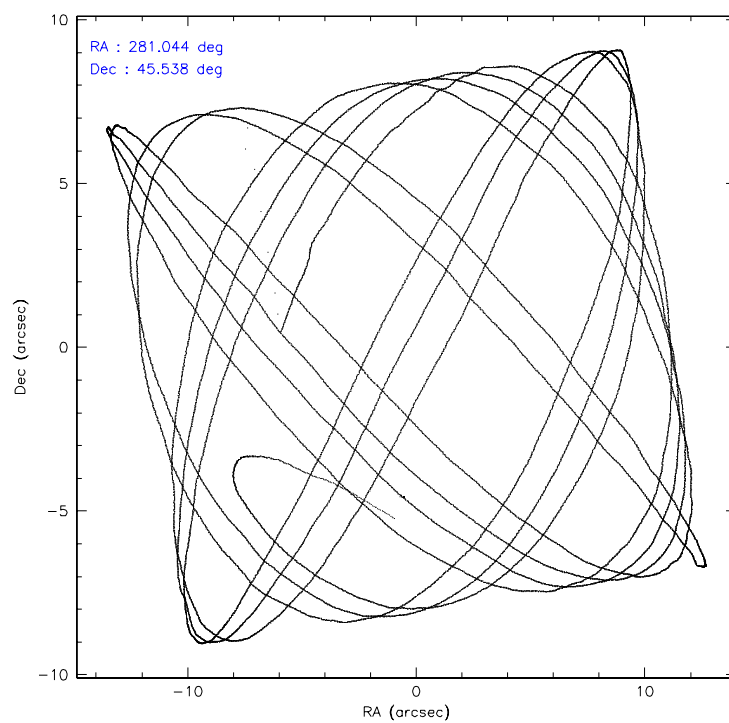
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	49412	50068	57090	58131	56500
rejected events	39787	40949	46618	46761	47213
rejected %	80%	81%	81%	80%	83%

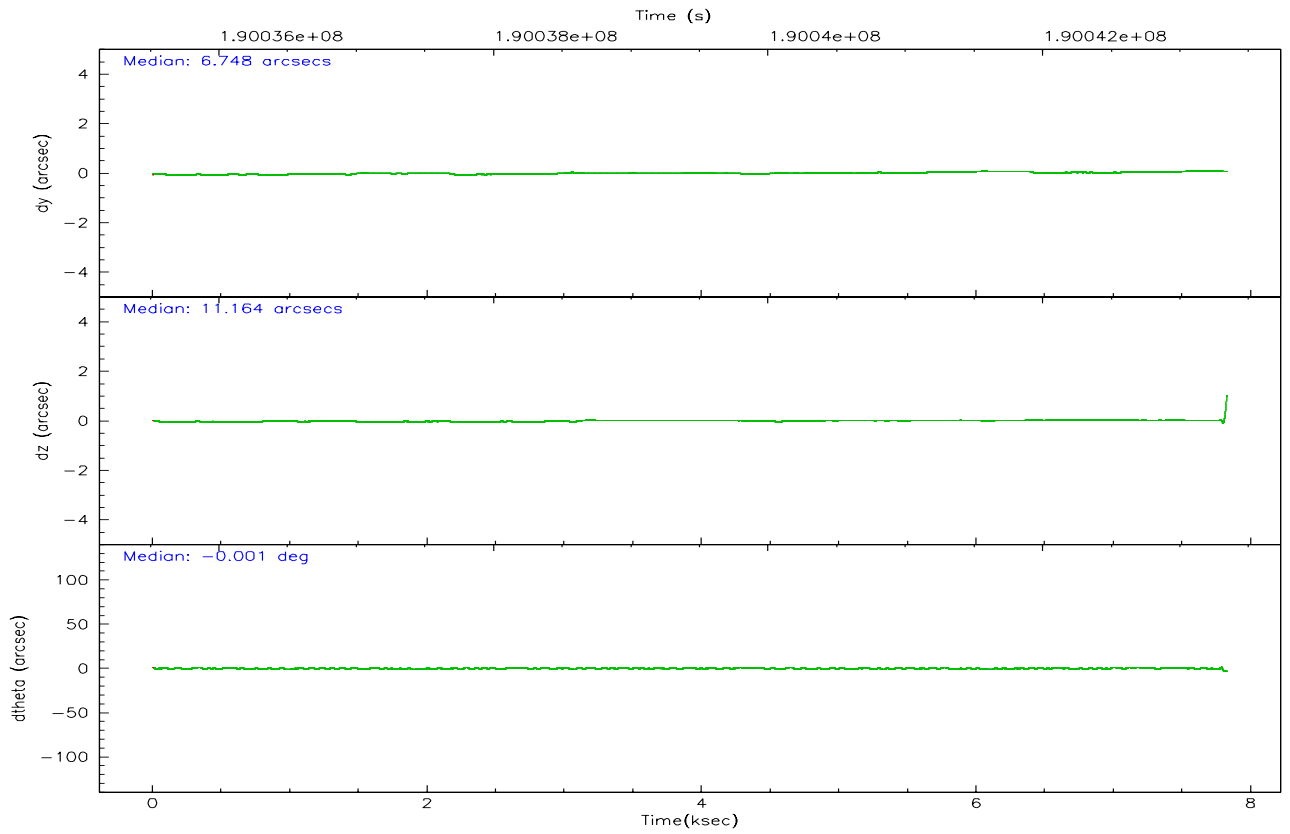
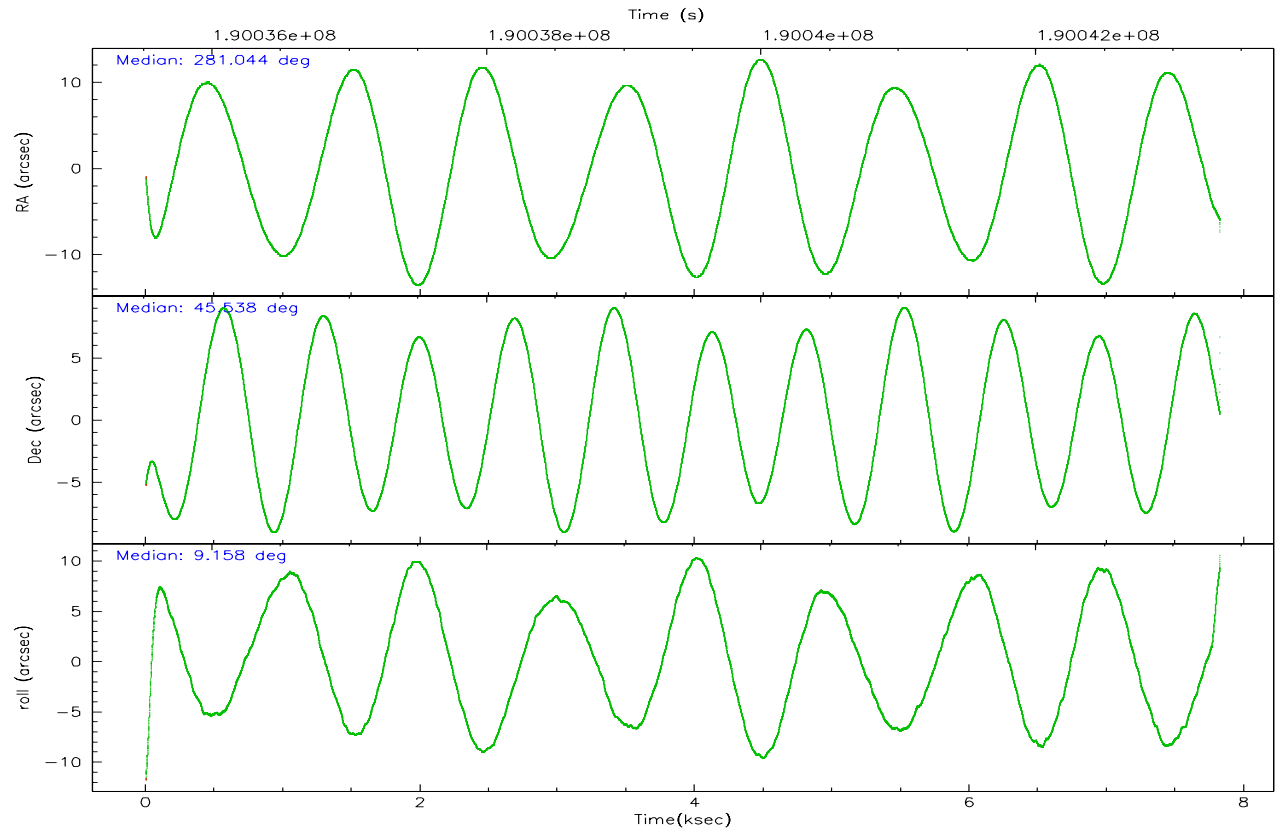
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4102	3303	5041	5558	3757
	8%	6%	8%	9%	6%
grade 1 events	34	25	56	44	32
	0%	0%	0%	0%	0%
grade 2 events	2666	2748	2398	2626	2624
	5%	5%	4%	4%	4%
grade 3 events	564	623	533	594	545
	1%	1%	0%	1%	0%
grade 4 events	593	615	866	674	560
	1%	1%	1%	1%	0%
grade 5 events	1858	1904	1809	2097	2066
	3%	3%	3%	3%	3%
grade 6 events	1851	1973	1813	2116	1962
	3%	3%	3%	3%	3%
grade 7 events	37744	38877	44574	44422	44954
	76%	77%	78%	76%	79%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	281.013975	281.0442450828475	Subarray requested	NONE	NONE
Pointing Dec	45.520713	45.53809941416324	Alternating exposures requested	N	N
Pointing Roll	8.975899	9.162962595194623	Primary exposure time	0.000000	3.1
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	190035686.184000	190035364.90485			
Observation start date	2004-01-09T11:40:22	2004-01-09T11:36:04			
Observation end time	190074203.184000	190043368.1052			
Observation end date	2004-01-09T22:22:19	2004-01-09T13:49:28			
Read mode	TIMED	TIMED			

2.3 Aspect



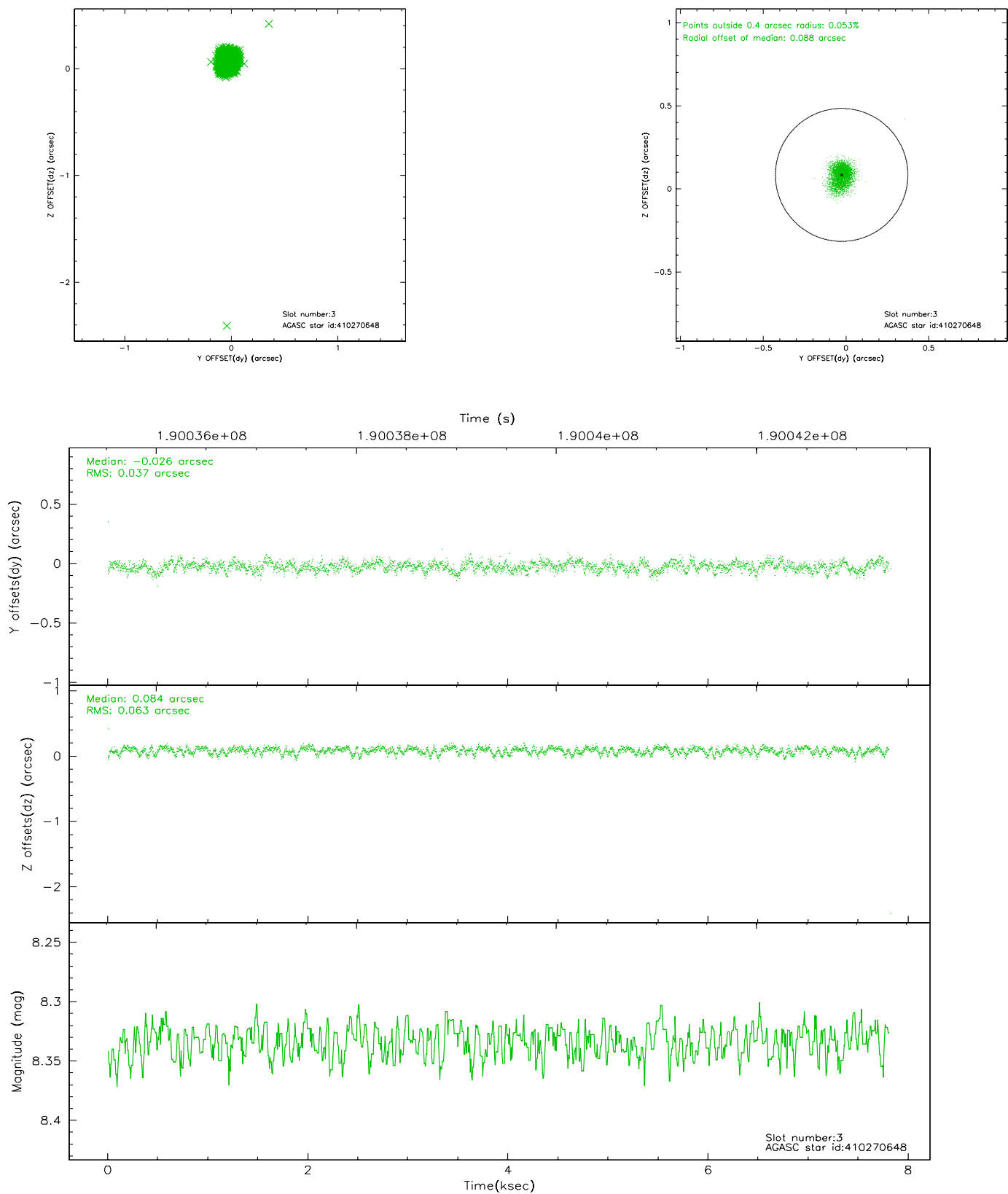


Slot Statistics

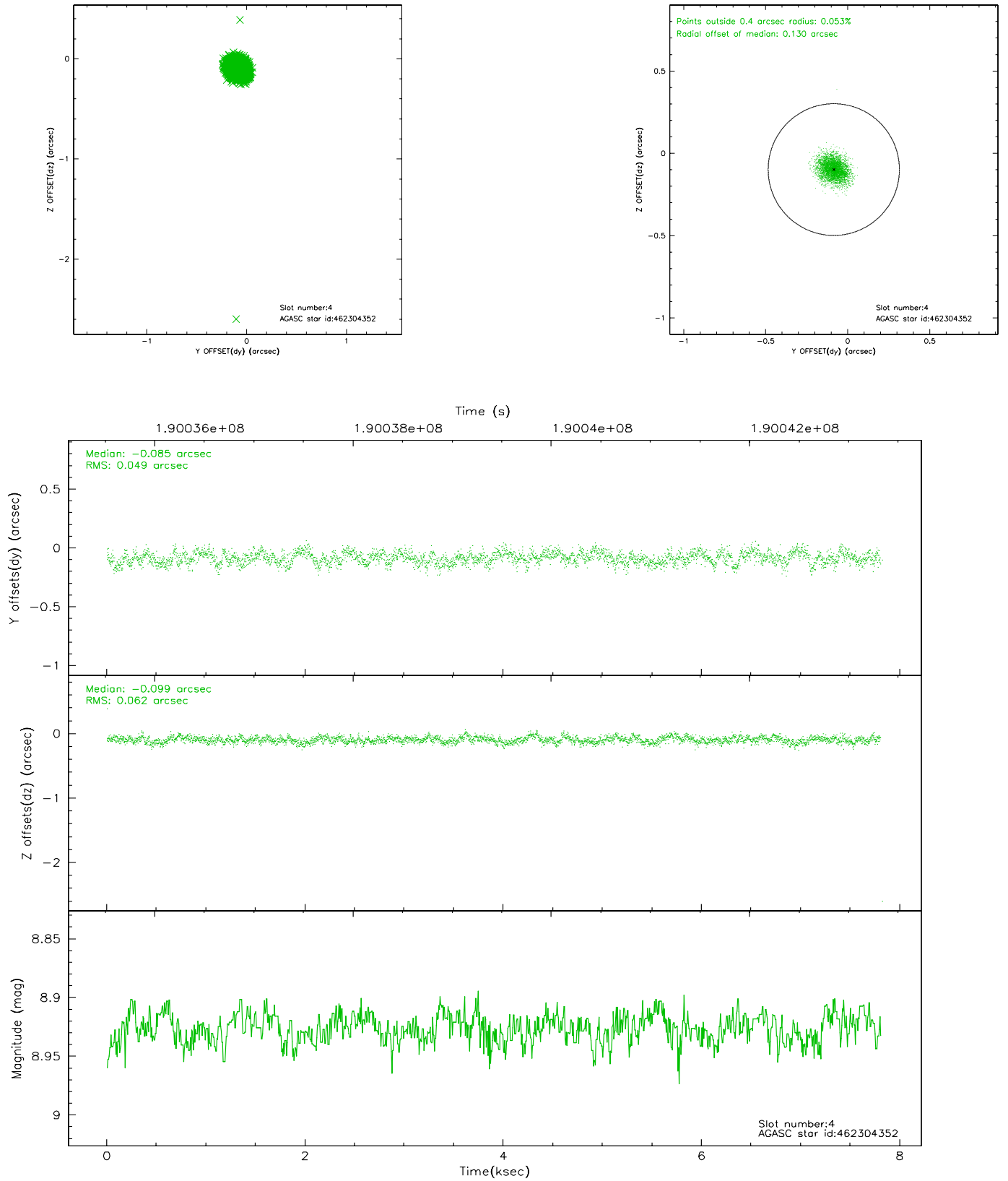
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1900	0.003	0.023	0.006	0.010	0.000000	0.000000	932.92	-834.66
1	FID	ACIS-I-5	7.23	1899	-0.099	0.042	0.005	0.009	0.000000	0.000000	-1814.84	1062.55
2	FID	ACIS-I-6	7.25	1901	0.005	0.005	0.006	0.010	0.000000	0.000000	397.74	1707.78
3	GUIDE	410270648	8.33	3798	-0.026	0.084	0.064	0.106	281.097411	44.889988	-143.90	-2275.57
4	GUIDE	462304352	8.93	3798	-0.085	-0.099	0.072	0.114	281.113153	45.826830	417.38	1049.40
5	GUIDE	462307888	8.50	3795	0.037	-0.040	0.063	0.104	280.411703	45.917665	-1266.21	1652.81
6	GUIDE	464004928	9.36	3794	0.045	0.072	0.084	0.136	281.760512	46.203785	2221.77	2148.30
7	GUIDE	462305872	9.12	3799	0.030	-0.014	0.083	0.132	280.002199	45.867625	-2307.50	1645.72

2.4 Star Slots

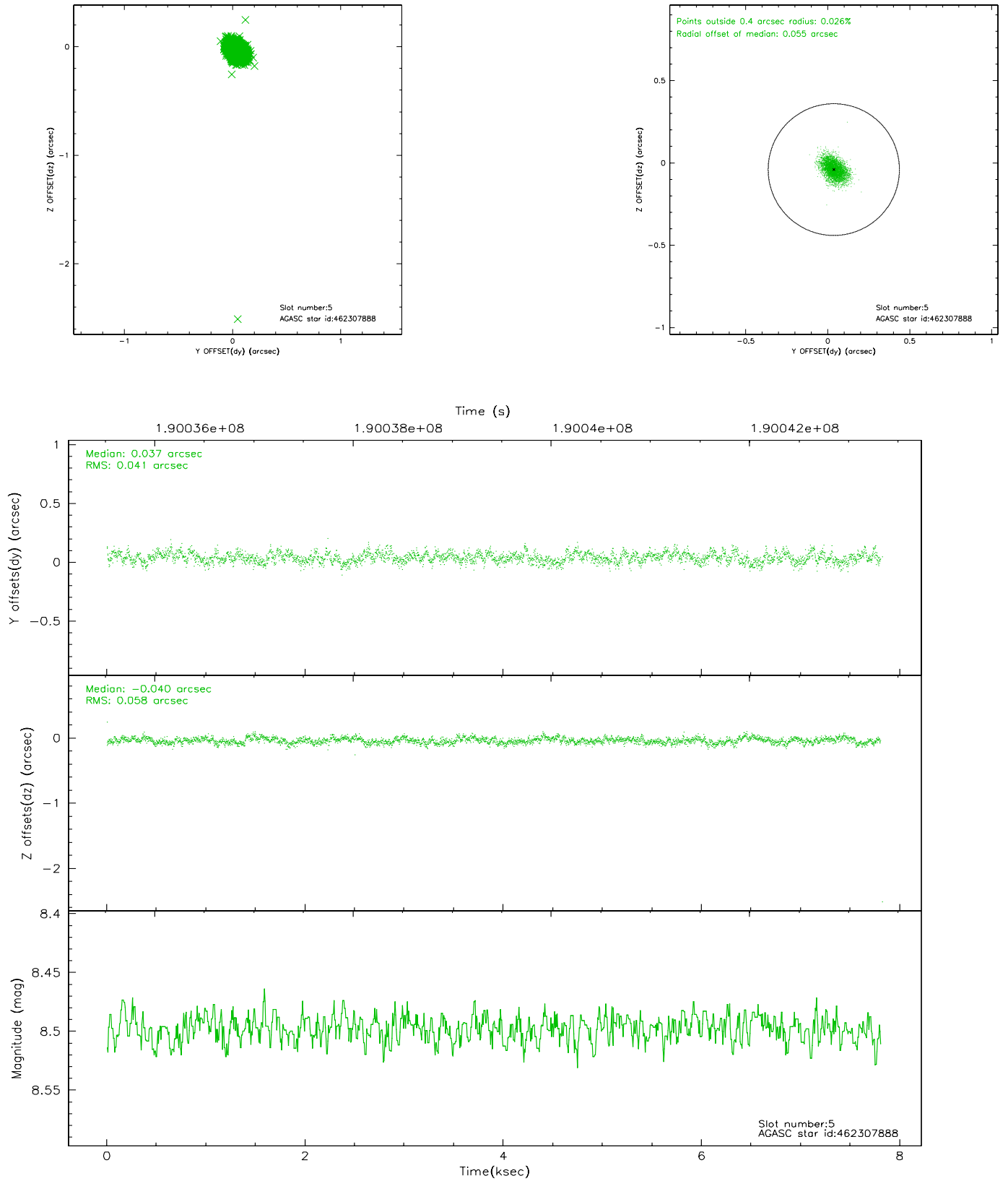
2.4.1 Slot 3



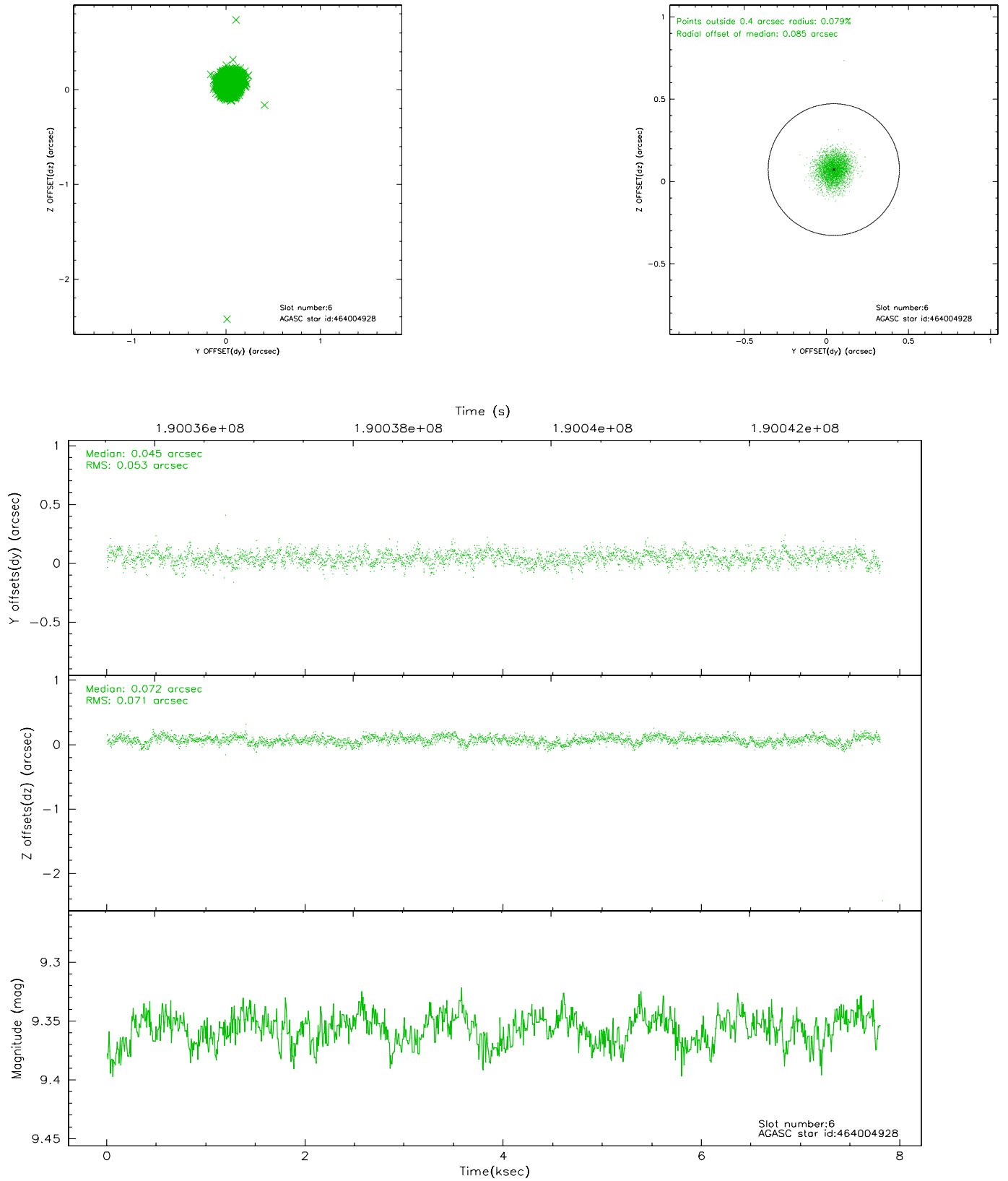
2.4.2 Slot 4



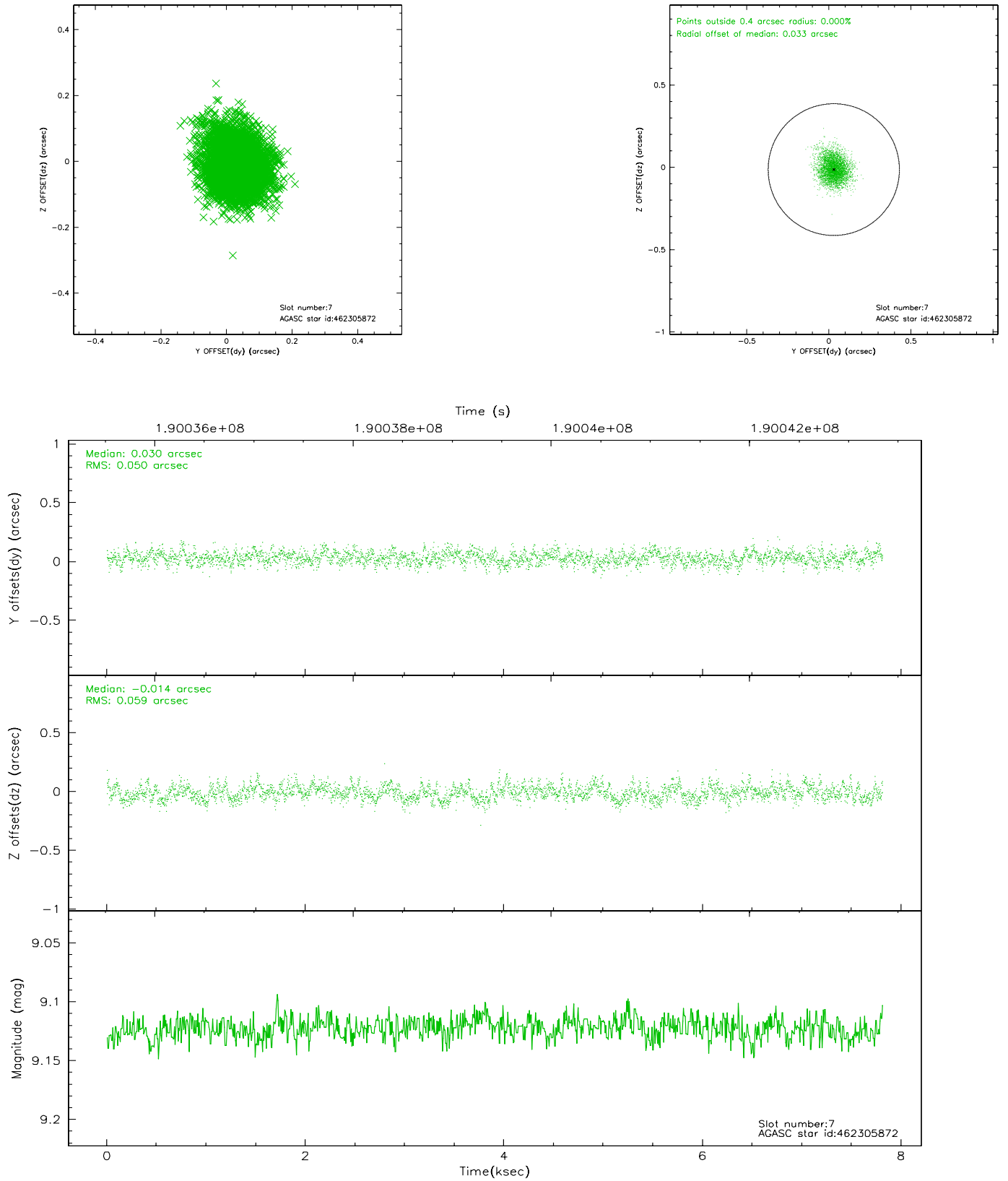
2.4.3 Slot 5



2.4.4 Slot 6

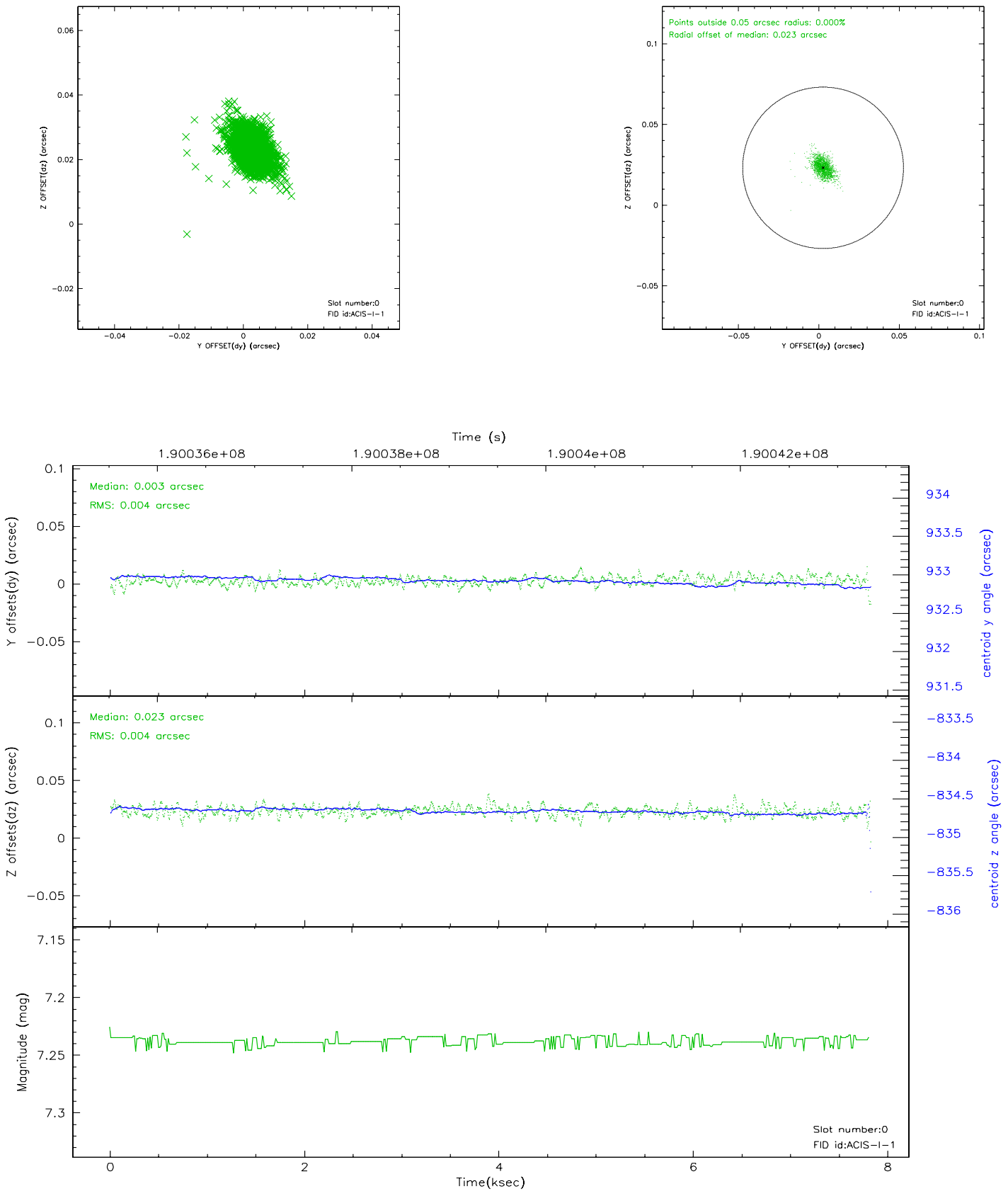


2.4.5 Slot 7

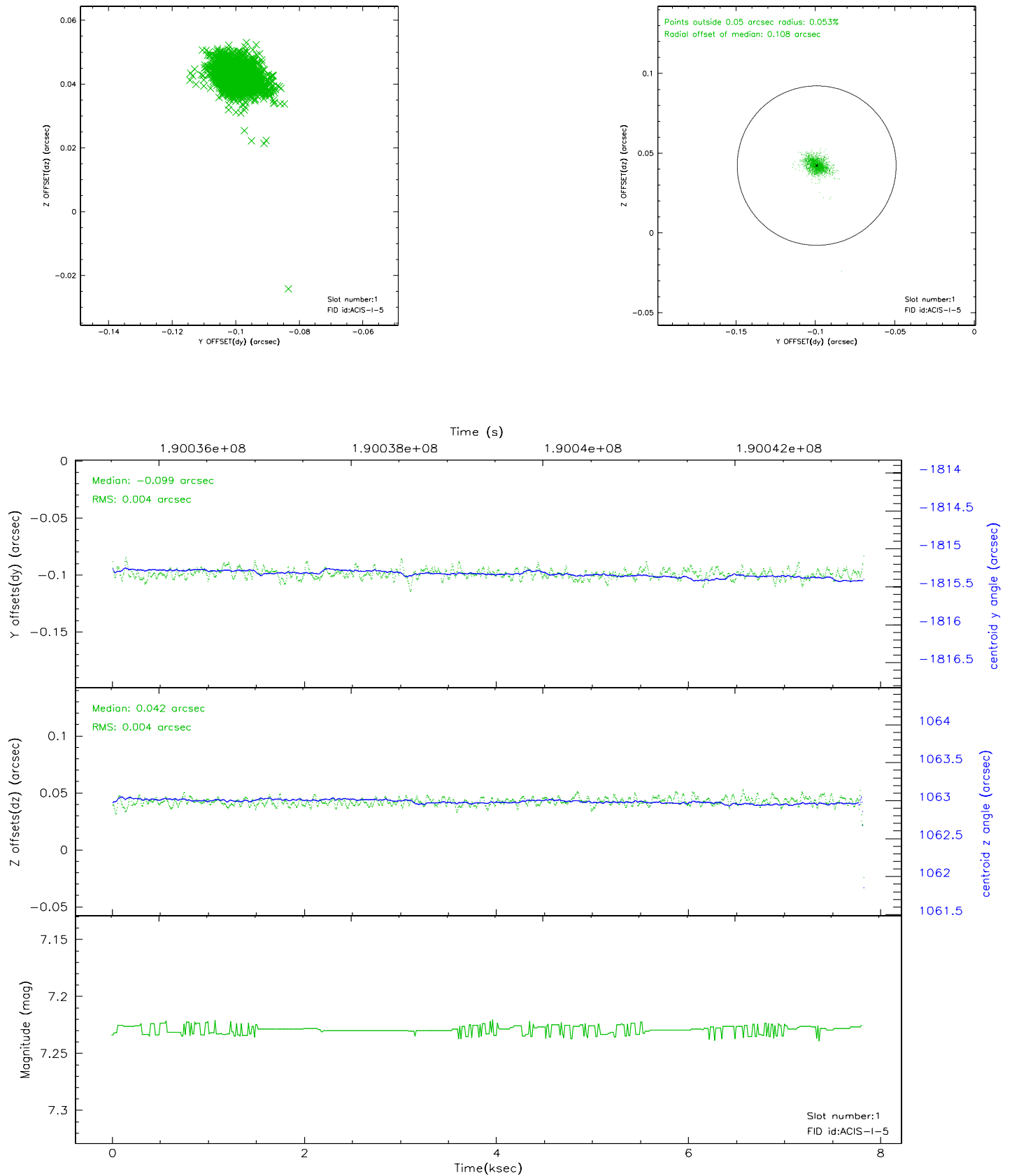


2.5 FID Slots

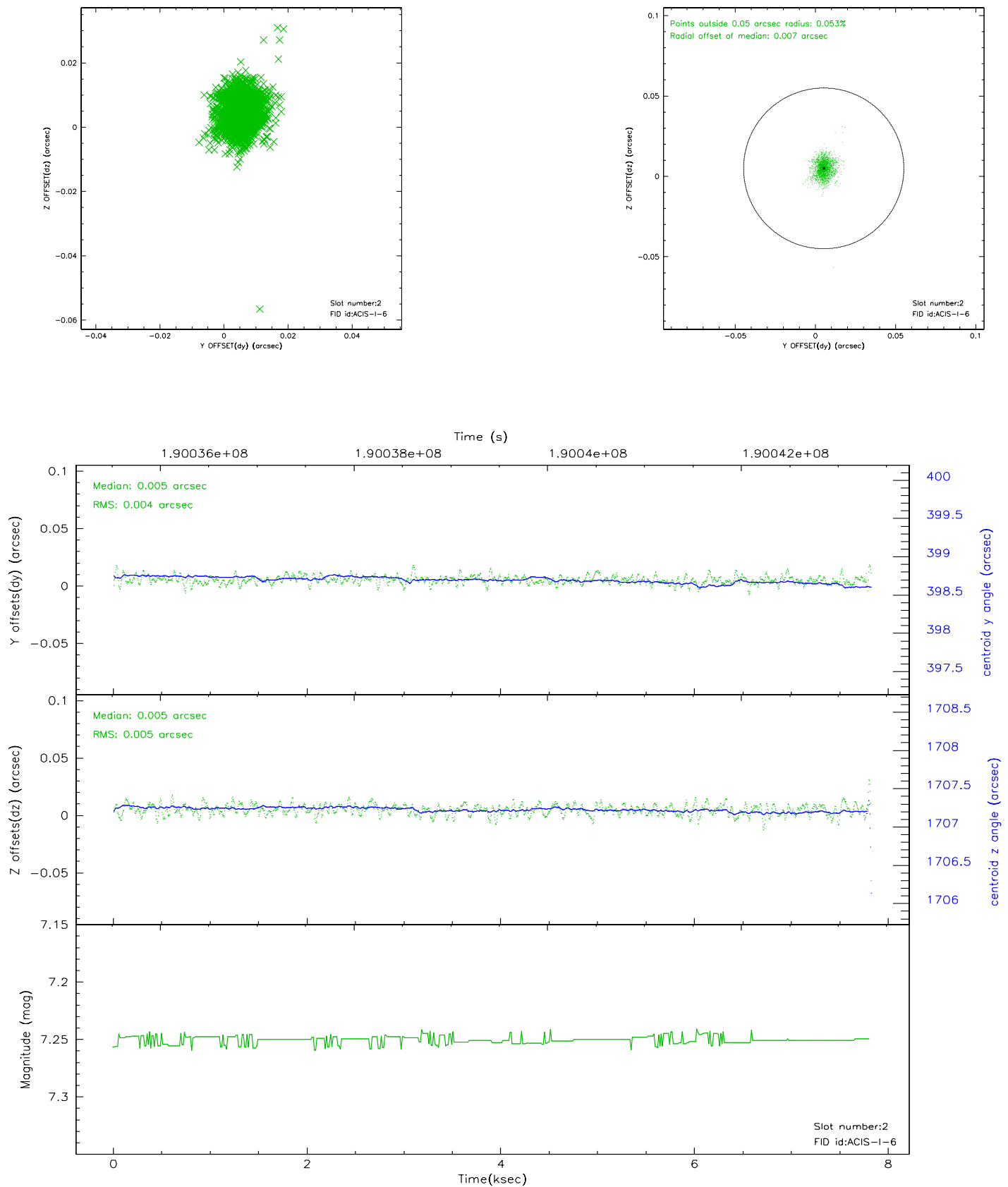
2.5.1 Slot 0



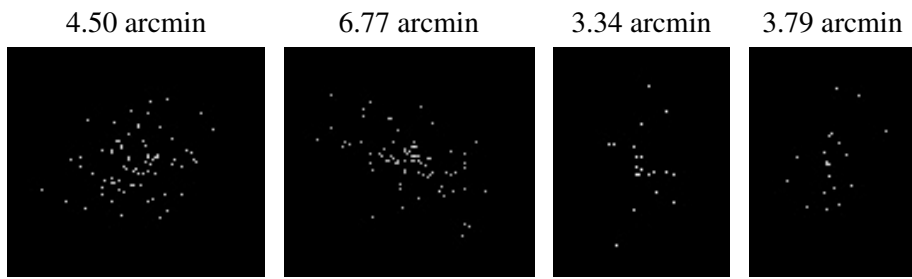
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.783

A.2 Comments

This observation was interrupted by safing of the science instruments due to high solar radiation environment. The observation was interrupted at 2004:9:13:47.