

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6353 - L2 Version 002  
Chandra X-Ray Center

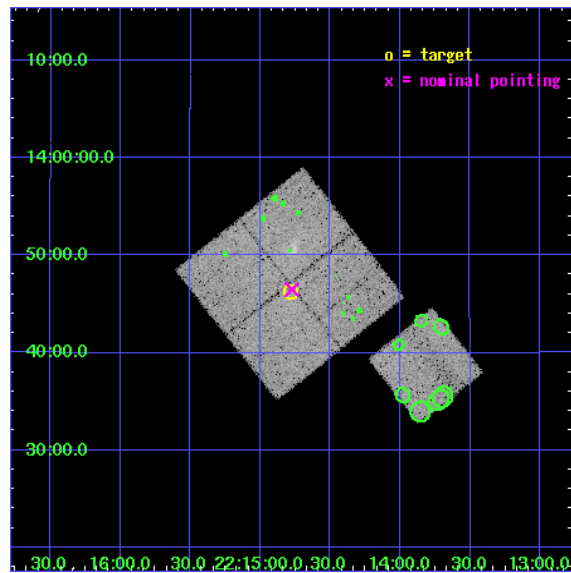
L2 Processing Date : Mar 15 2006

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# 1 Front

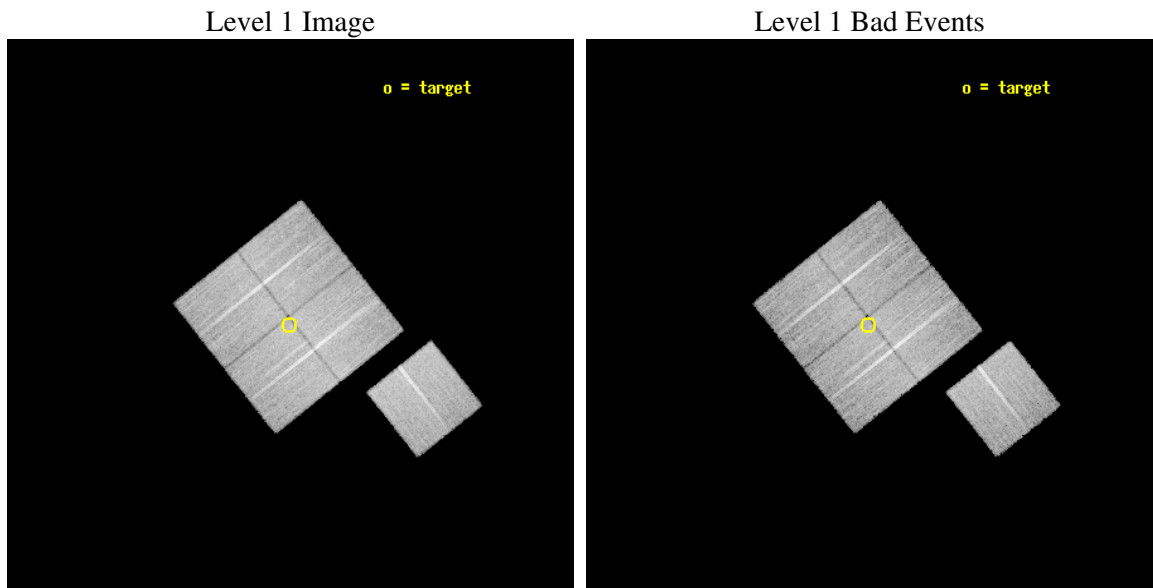
seq_num	701058
obs_id	6353
title	A Chandra Study of Two Nearby, Powerful Radio Galaxies in Poor Environments
observer	Dr. Ralph Kraft
object	3C 442A
dtcycle	0
cycle	P
ra_targ	333.695833
dec_targ	13.77111
ra_nom	333.6935723404
dec_nom	13.775156278766
roll_nom	141.50925978953
revision	2
ontime	14170.058972597
livetime	13984.916720274
ontime0	14170.058982491
ontime1	14170.058962554
ontime2	14166.917992234
ontime3	14170.058972597
ontime6	14170.058982521
l2events	90724



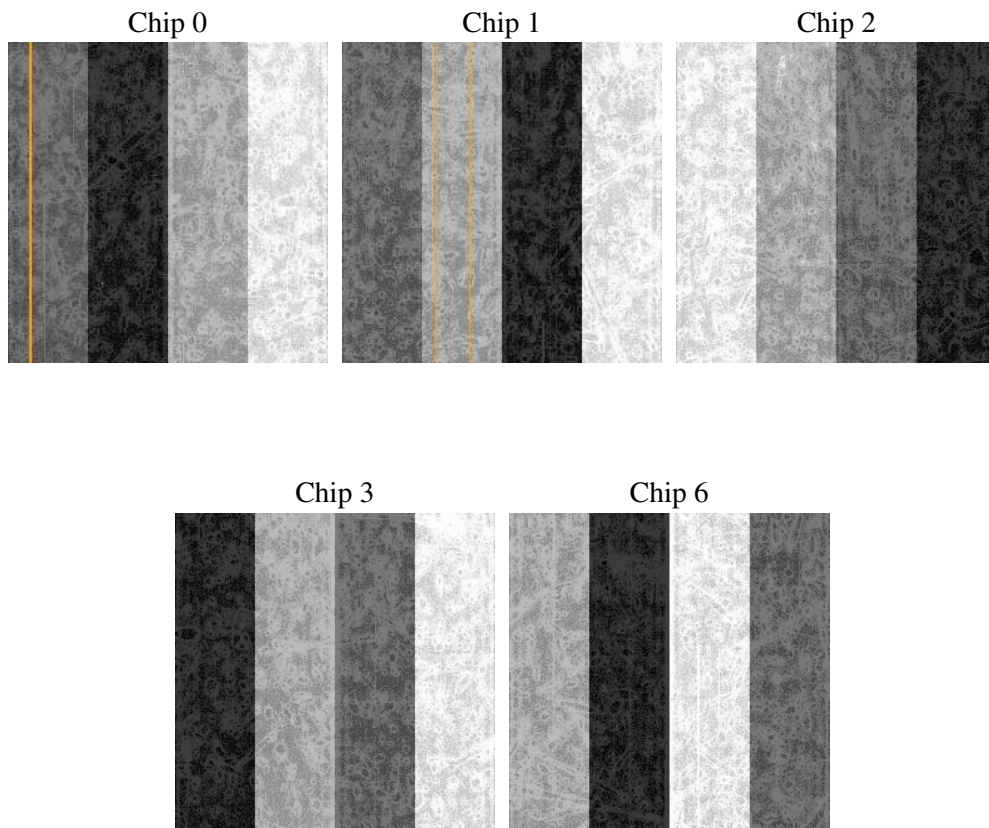
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-15T23:15:47
revision	2

sched_exp_time	14000.000000
ontime	15406.671025425
ontime0	15406.67103532
ontime1	15406.671015382
ontime2	15403.530035168
ontime3	15406.671025425
ontime6	15406.671035349
l1events	662352

### 2.1.4 Events

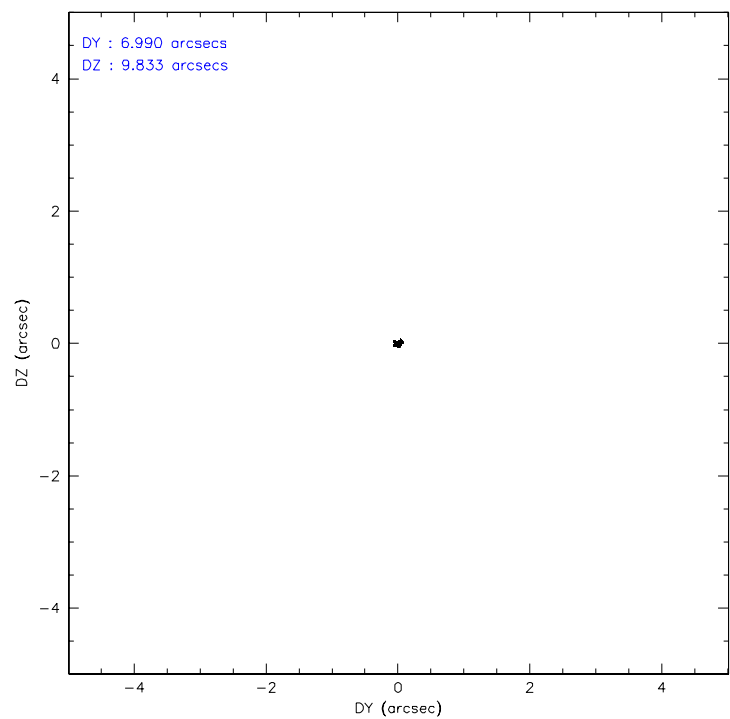
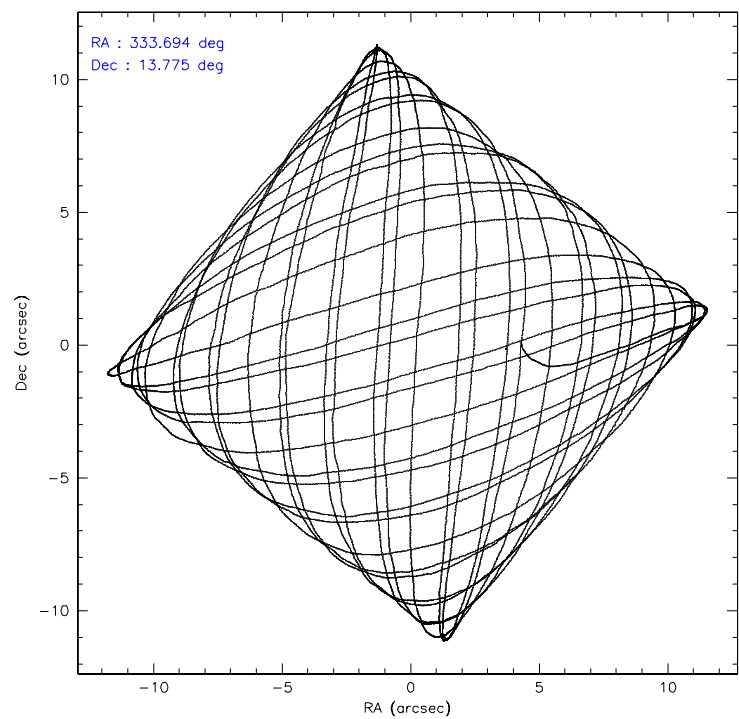
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	126402	125989	139972	133680	136309
rejected events	103660	104913	119250	114198	117158
rejected %	82%	83%	85%	85%	85%

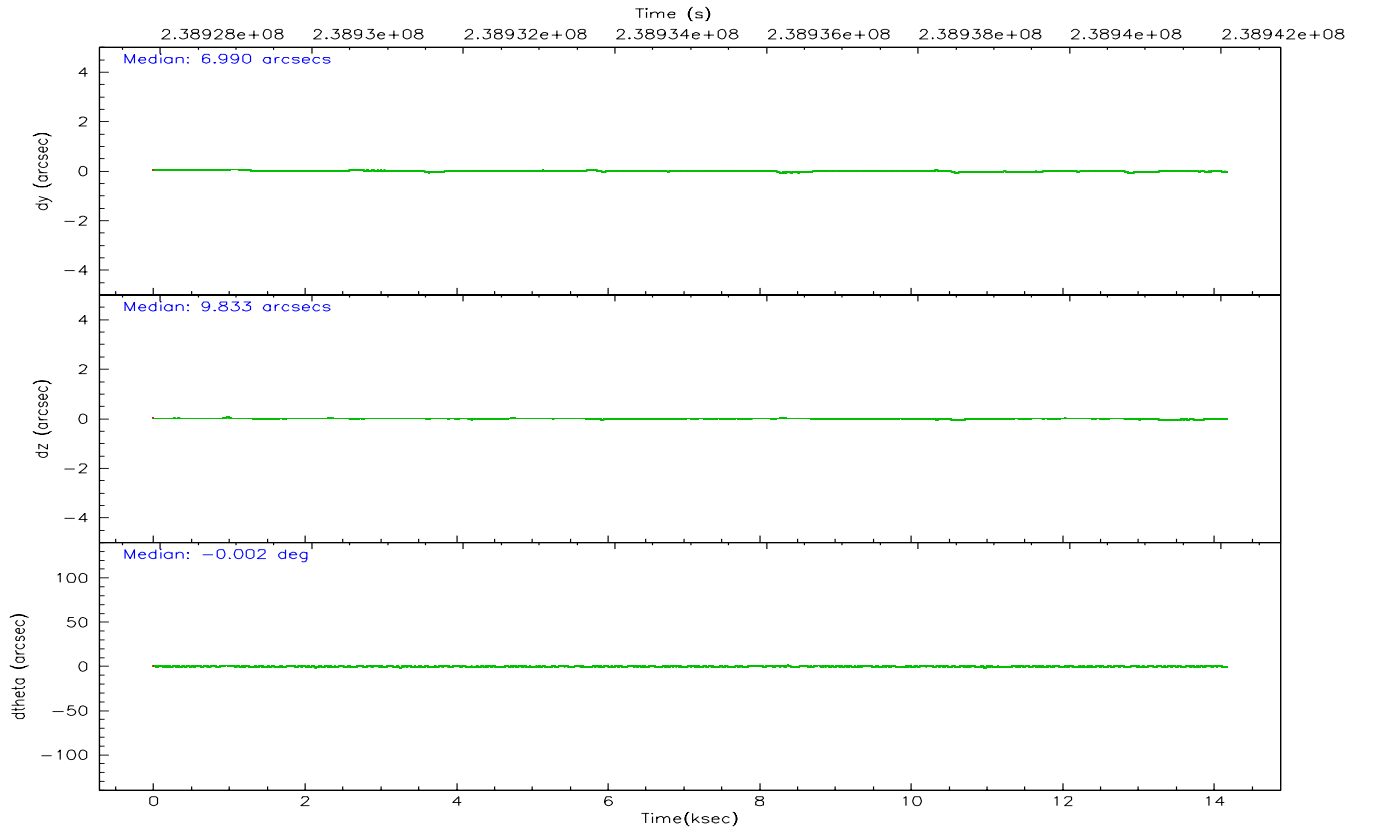
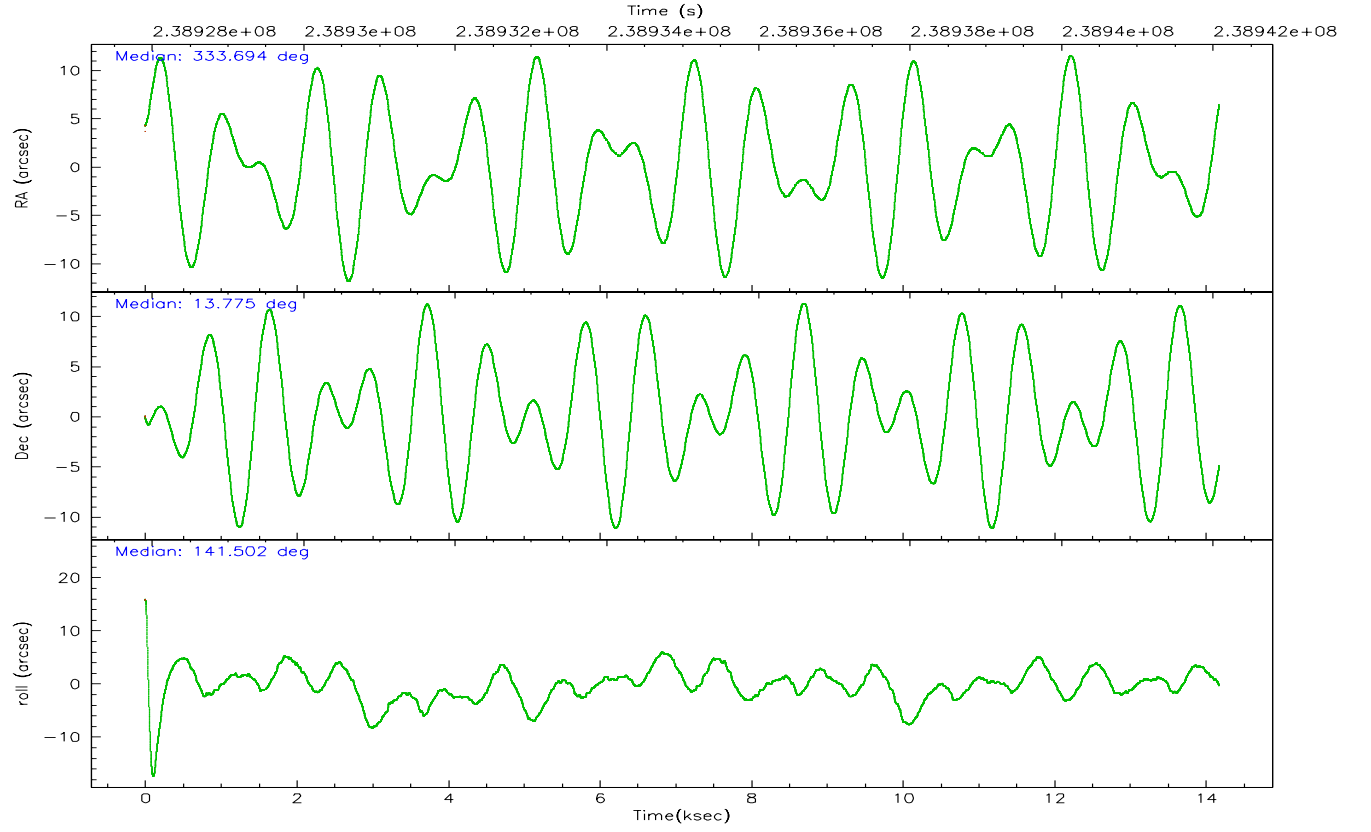
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	12726	10179	11415	10413	9130
	10%	8%	8%	7%	6%
grade 1 events	101	86	110	80	75
	0%	0%	0%	0%	0%
grade 2 events	4741	4867	4294	3831	4403
	3%	3%	3%	2%	3%
grade 3 events	1849	1829	1681	1713	1636
	1%	1%	1%	1%	1%
grade 4 events	1676	1827	1756	1722	1653
	1%	1%	1%	1%	1%
grade 5 events	5034	5399	4854	5725	5777
	3%	4%	3%	4%	4%
grade 6 events	3579	4103	3269	3552	4043
	2%	3%	2%	2%	2%
grade 7 events	96696	97699	112593	106644	109592
	76%	77%	80%	79%	80%

## 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	333.721449	333.6935723403955	Alternating exposures requested	N	N
Pointing Dec	13.771246	13.77515627876632	Primary exposure time	0.000000	3.1
Pointing Roll	141.293904	141.5092597895286			
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	238928075.184000	238926468.99261			
Observation start date	2005-07-28T08:53:31	2005-07-28T08:27:48			
Observation end time	238942075.184000	238942682.44335			
Observation end date	2005-07-28T12:46:51	2005-07-28T12:58:02			
Read mode	TIMED	TIMED			

## 2.3 Aspect





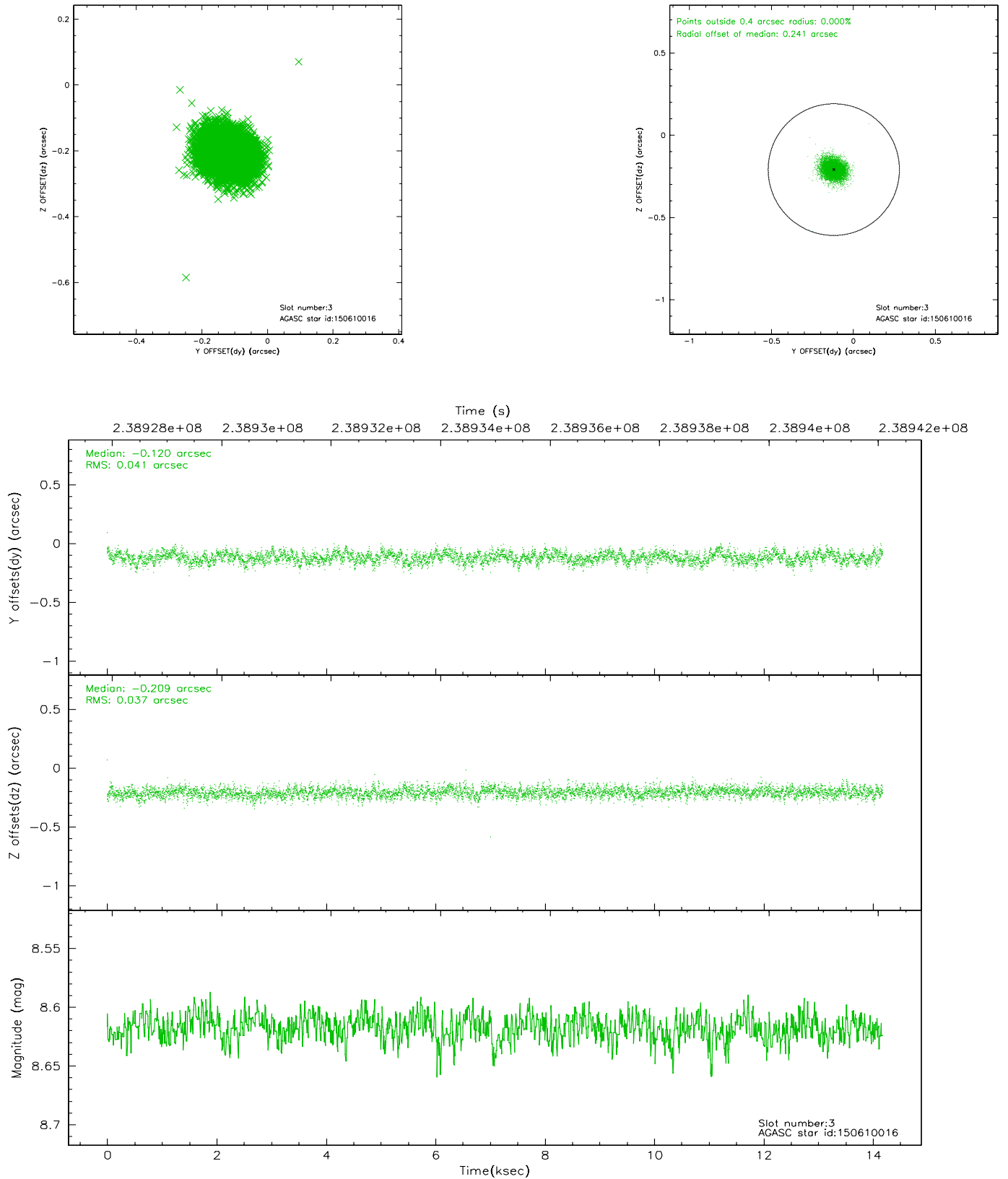
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	3459	-0.017	0.049	0.006	0.011	0.000000	0.000000	932.68	-833.25
1	FID	ACIS-I-5	7.23	3459	-0.127	0.018	0.006	0.010	0.000000	0.000000	-1815.37	1064.03
2	FID	ACIS-I-6	7.25	3459	0.052	0.004	0.006	0.010	0.000000	0.000000	397.92	1708.91
3	GUIDE	150610016	8.62	6917	-0.120	-0.209	0.058	0.094	333.607680	13.272180	-812.53	1651.30
4	GUIDE	150610304	6.76	6918	0.002	0.098	0.045	0.071	334.517012	13.950326	-1763.09	-2244.60
5	GUIDE	150614840	8.68	6915	0.123	0.011	0.081	0.133	333.996804	13.803587	-677.89	-693.30
6	GUIDE	150606032	8.77	6886	-0.045	-0.063	0.067	0.108	333.468551	13.881130	937.41	243.98
7	GUIDE	150605048	8.31	6914	0.039	0.168	0.063	0.101	334.582600	13.956006	-1927.91	-2404.38

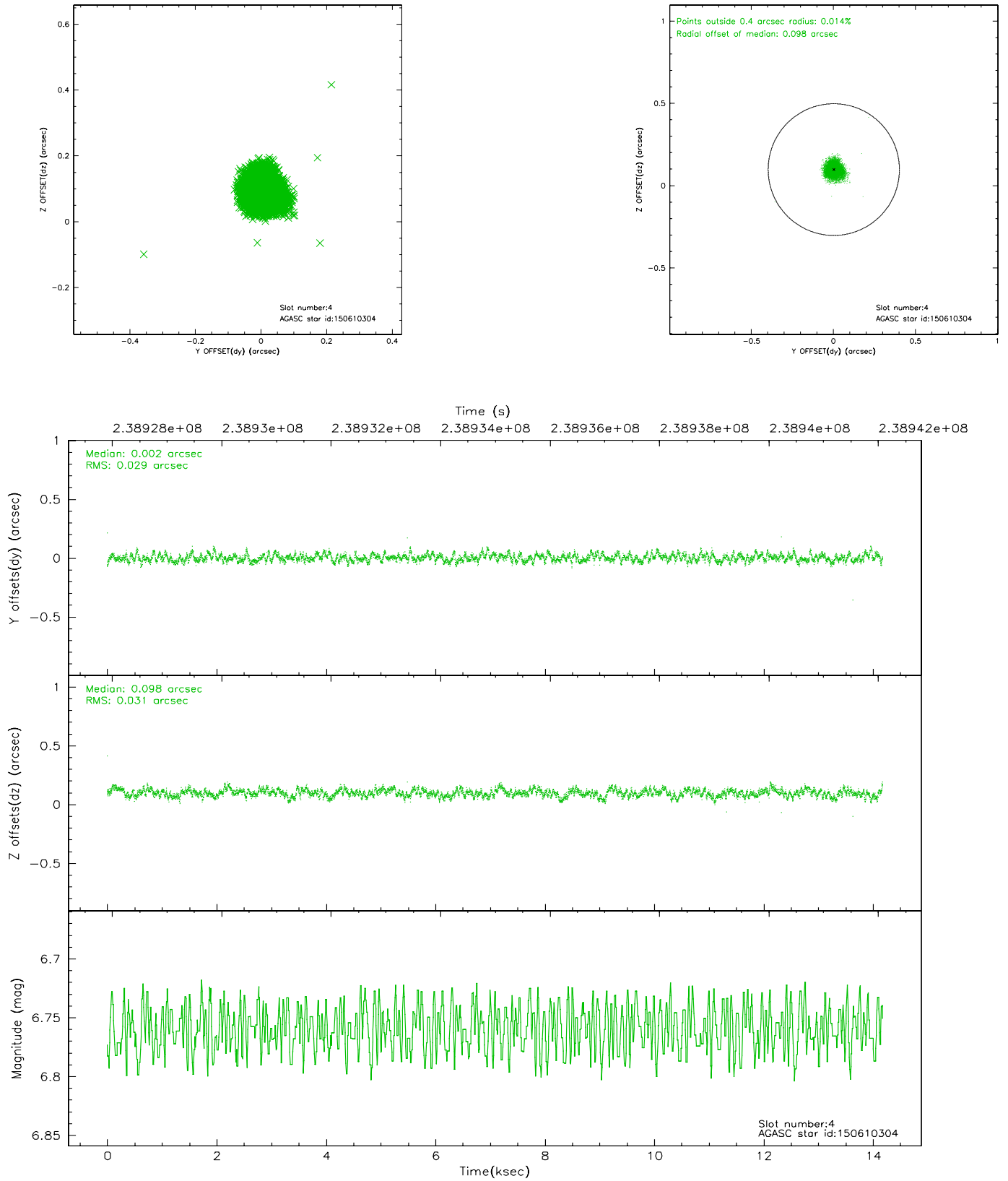


## 2.4 Star Slots

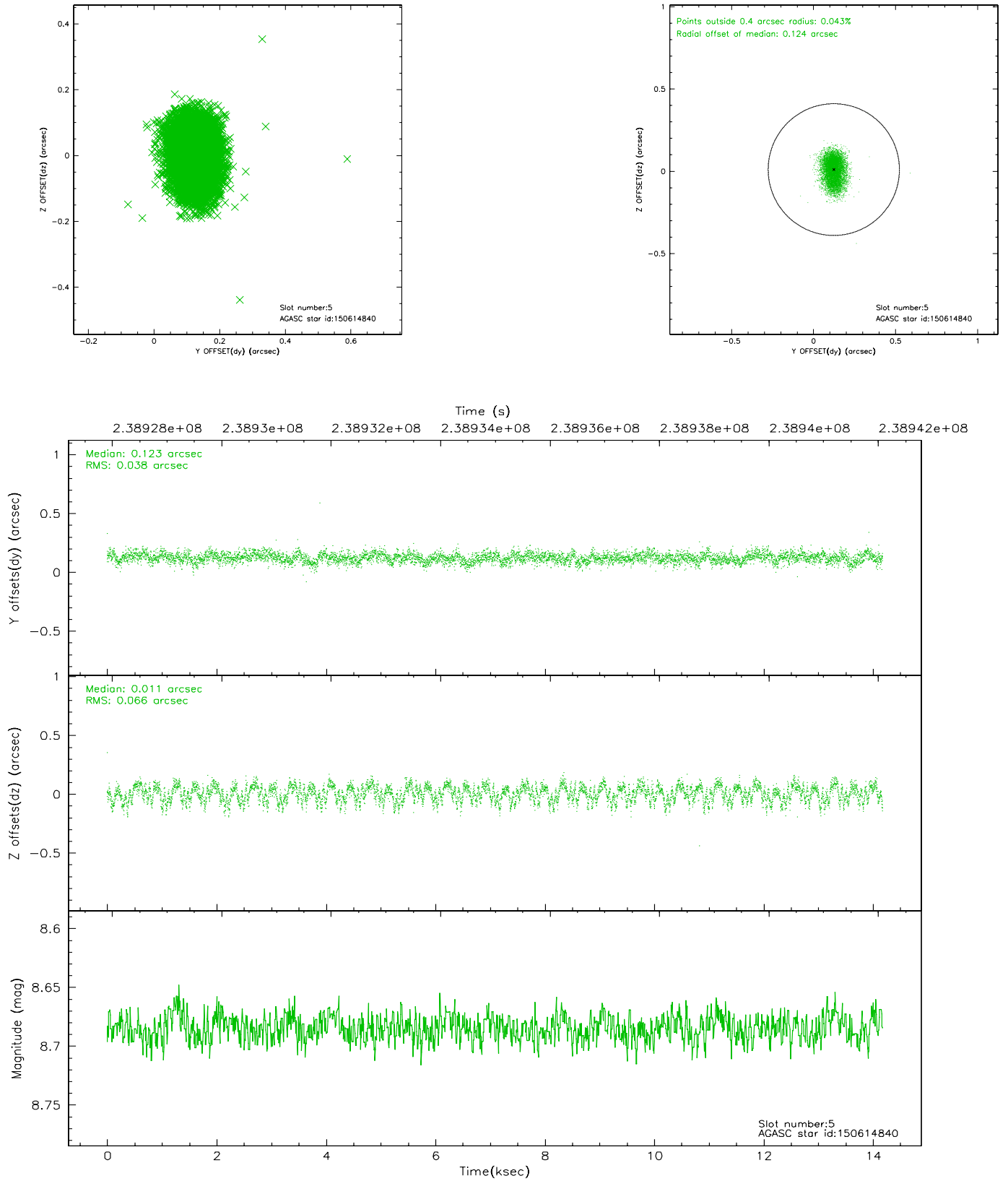
### 2.4.1 Slot 3



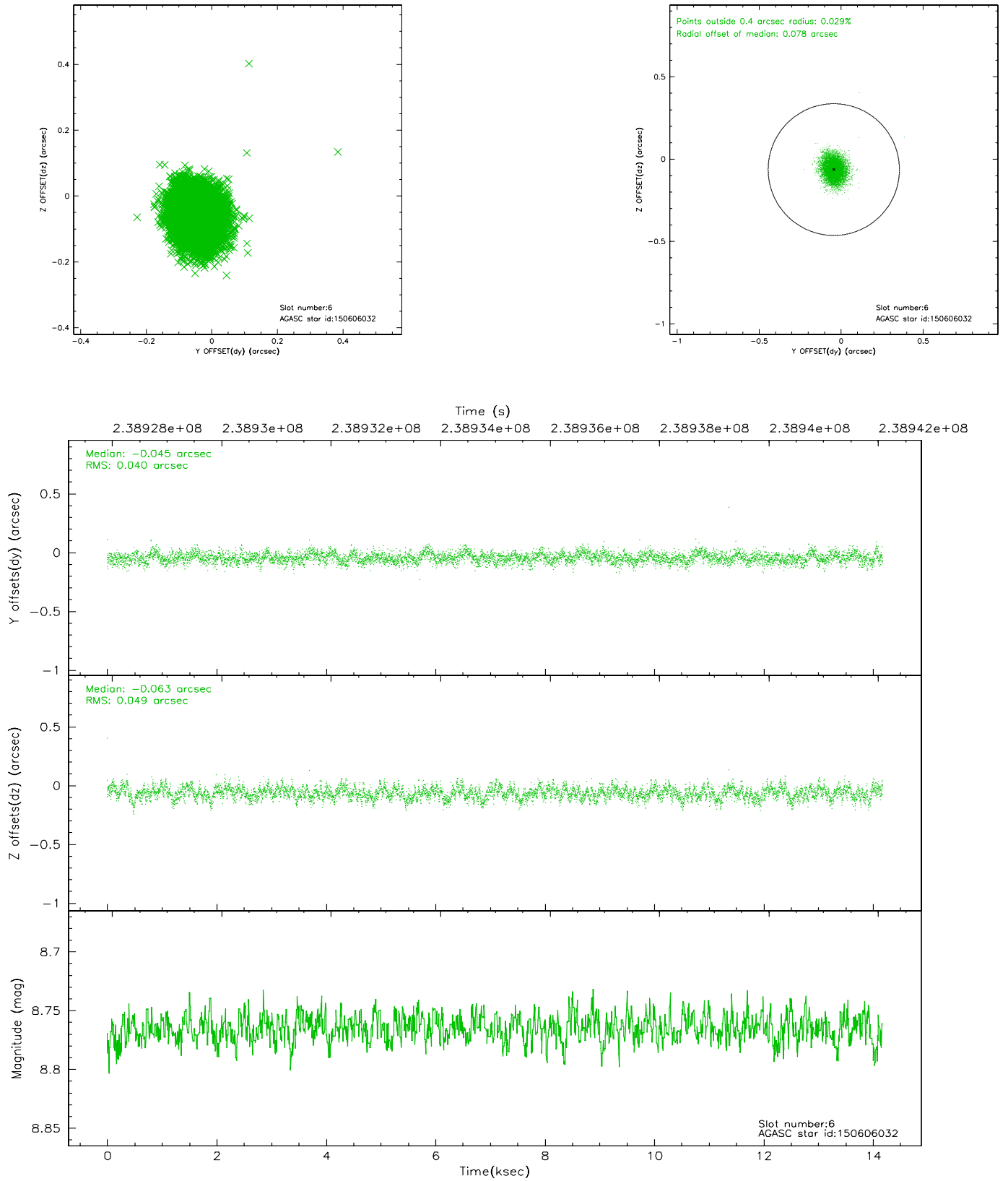
## 2.4.2 Slot 4



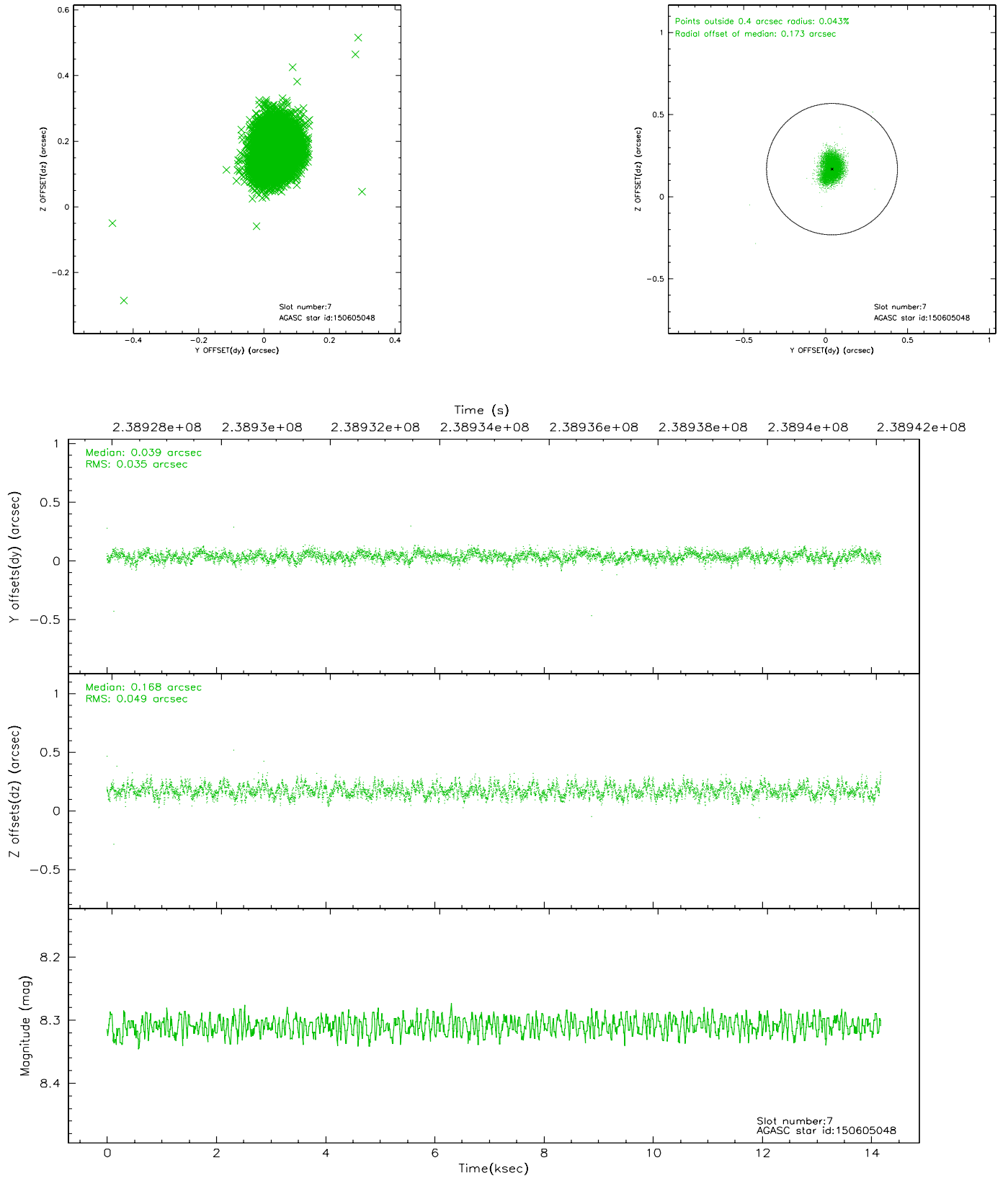
### 2.4.3 Slot 5



## 2.4.4 Slot 6

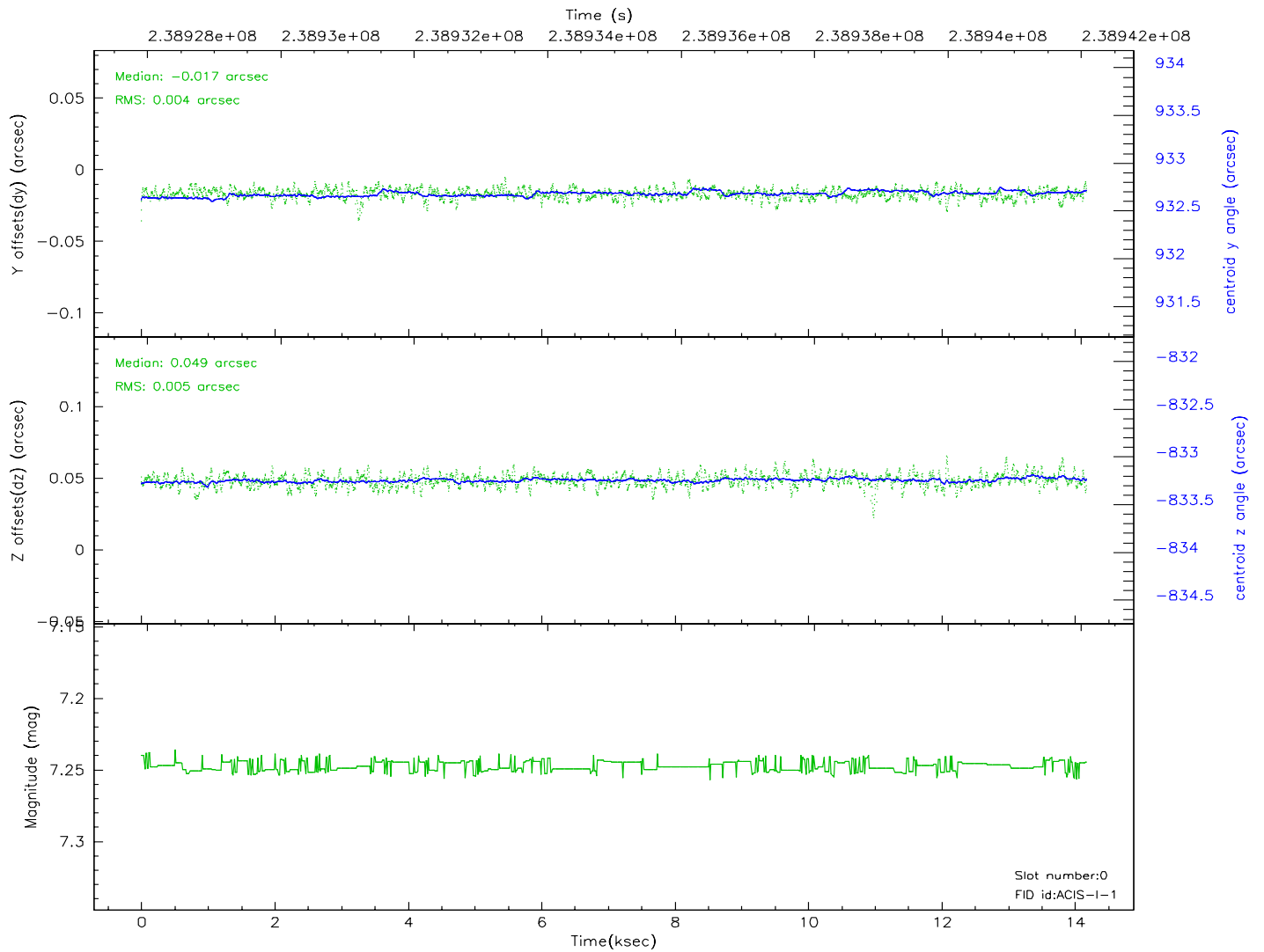
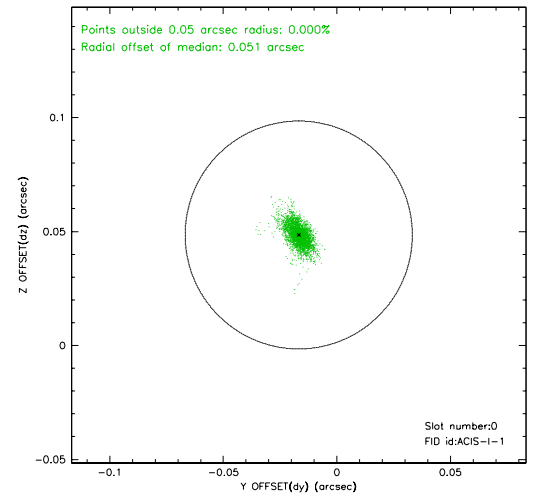
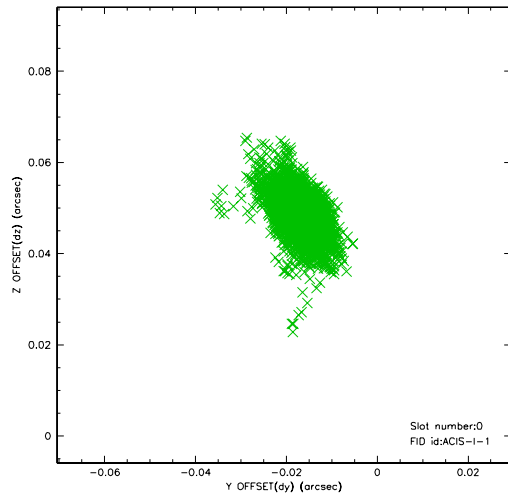


## 2.4.5 Slot 7

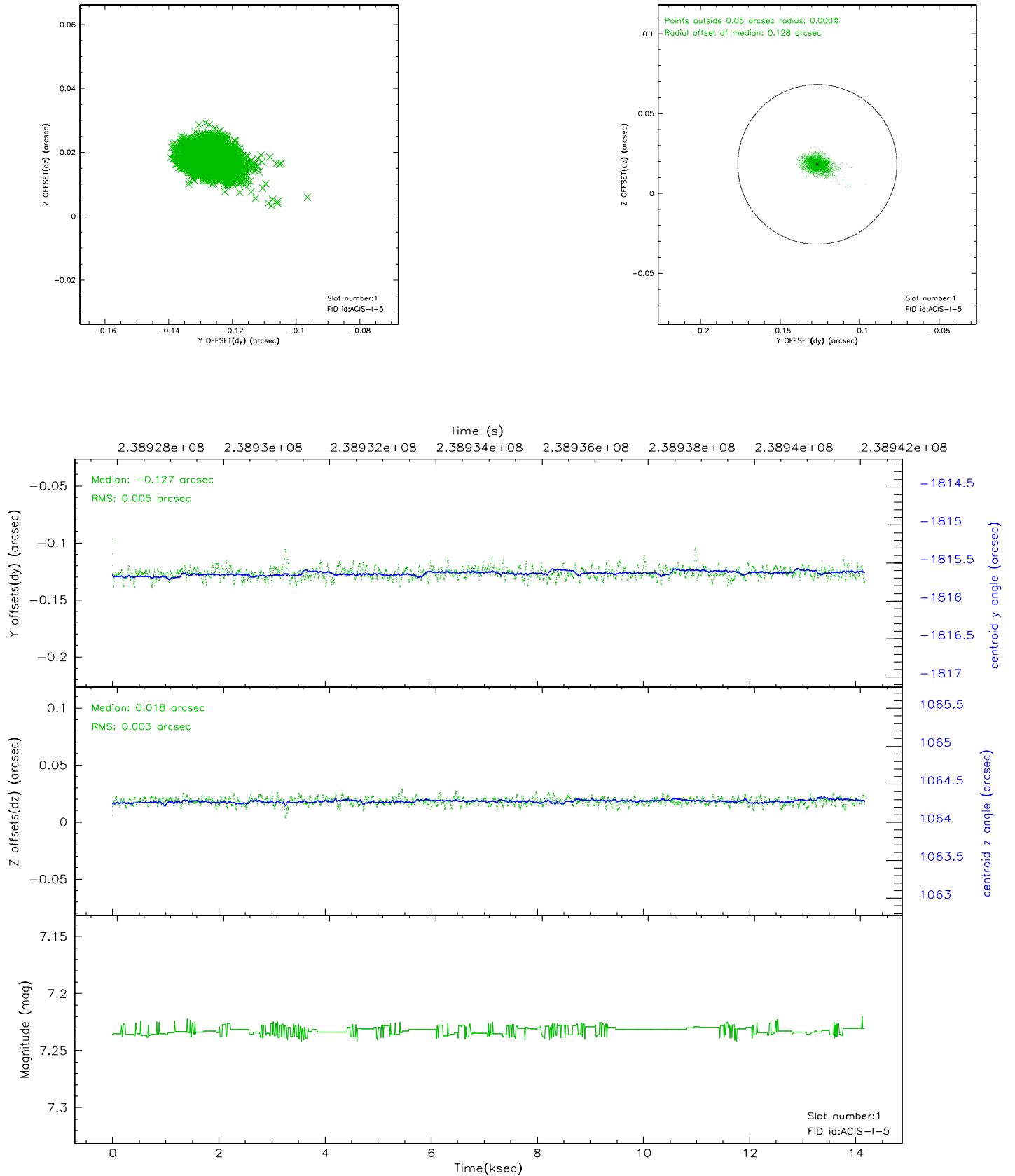


## 2.5 FID Slots

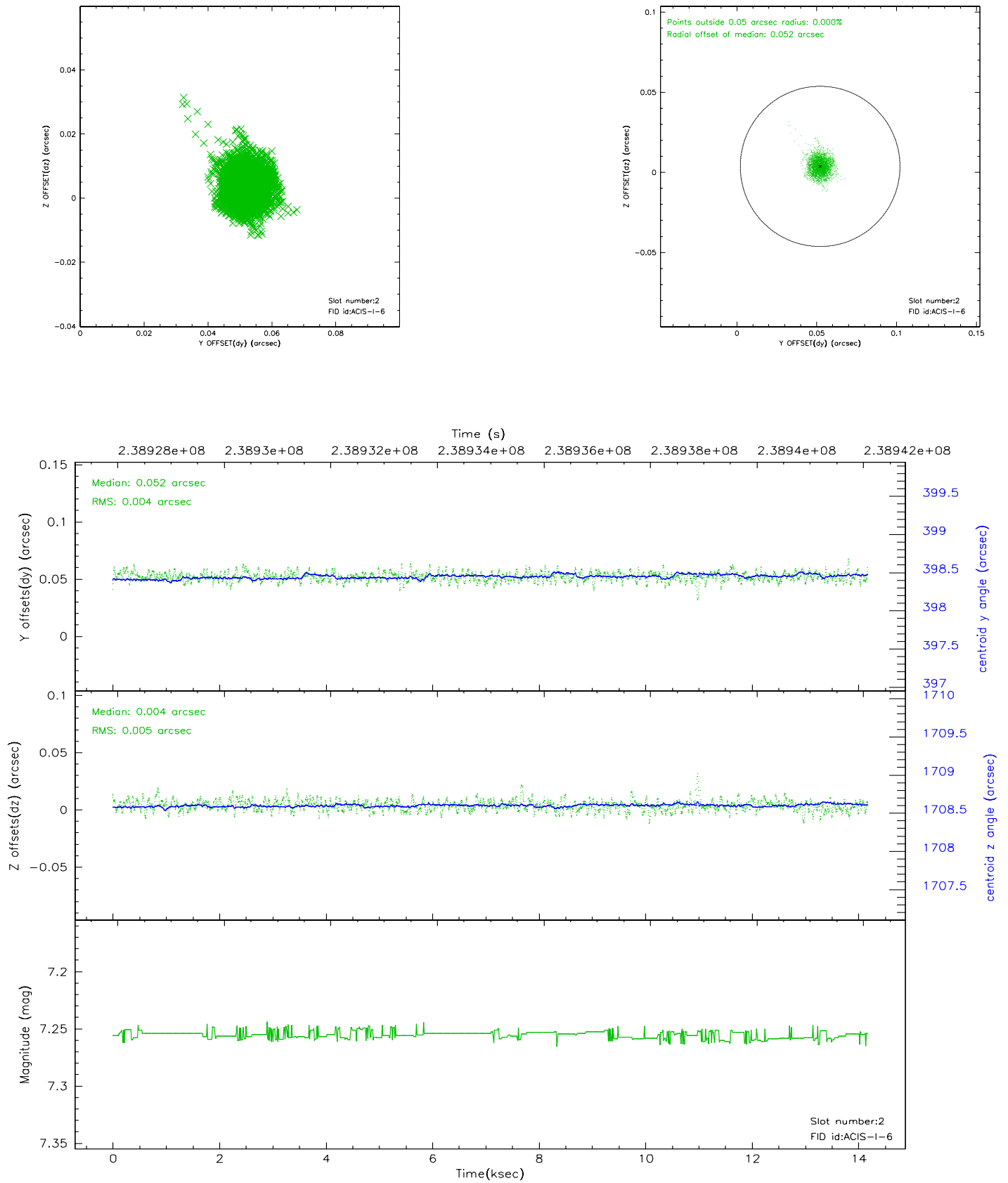
### 2.5.1 Slot 0



## 2.5.2 Slot 1

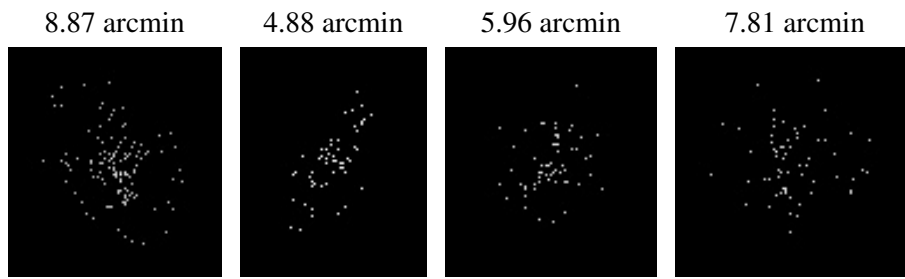


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.1700589

### A.2 Comments