

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3743 - L2 Version 002  
Chandra X-Ray Center

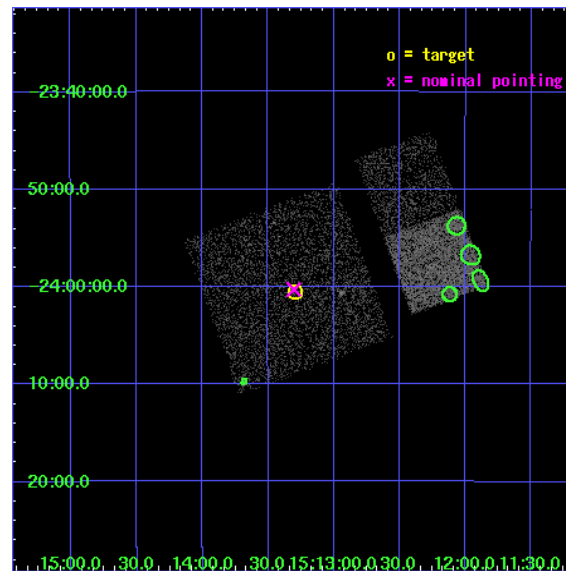
L2 Processing Date : Aug 1 2006

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# 1 Front

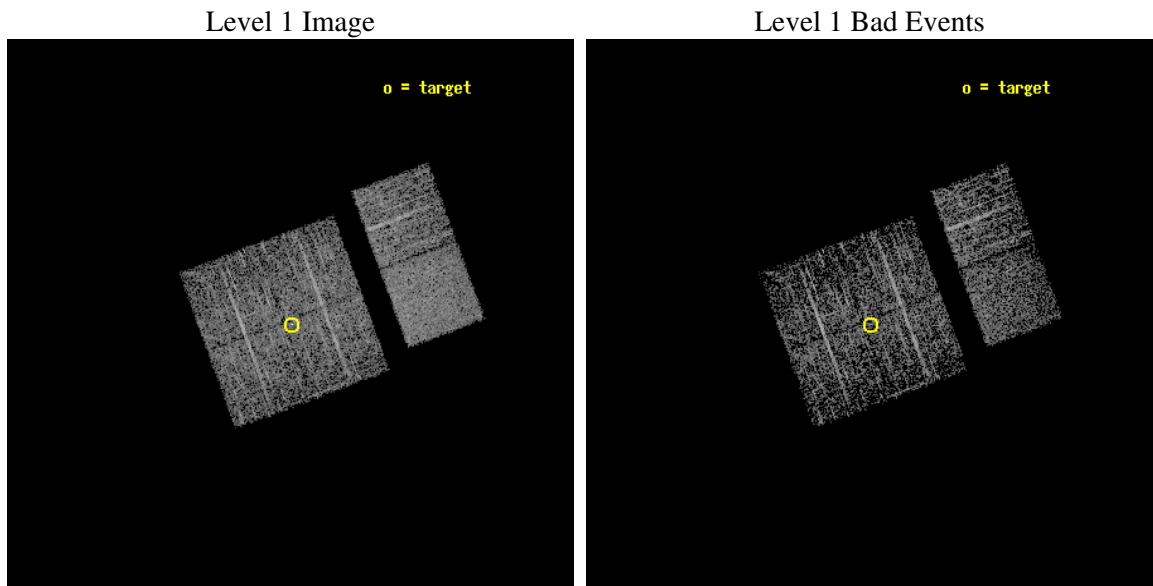
seq_num	200213
obs_id	3743
title	ON THE ORIGIN OF THE X-RAY EMISSION IN LATE B-TYPE STARS
observer	Dr. Nuria Huelamo
object	HD134946
dtcycle	0
cycle	P
ra_targ	228.3225
dec_targ	-24.008306
ra_nom	228.32593771741
dec_nom	-24.004784885671
roll_nom	69.714867482884
revision	3
ontime	2361.5999912024
livetime	2331.695990129
ontime0	2361.5999912024
ontime1	2358.3589909971
ontime2	2361.5999912024
ontime3	2361.5999912024
ontime6	2361.5999912024
ontime7	2361.5999912024
l2events	15847



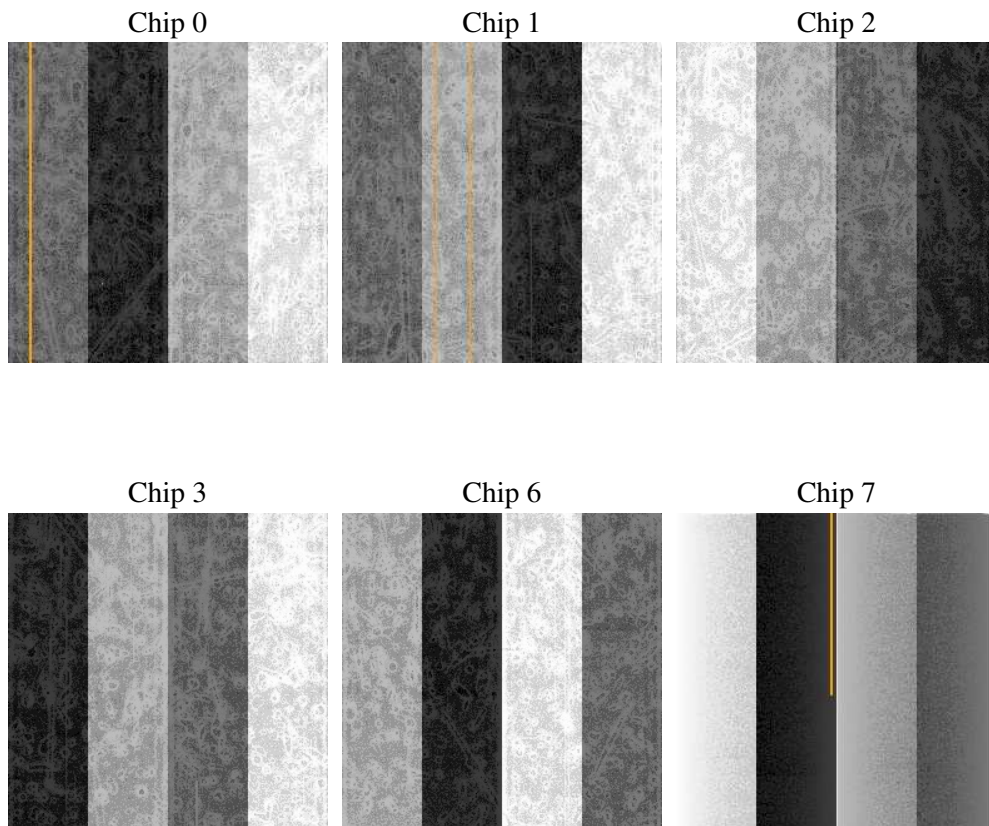
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-08-01T16:58:55
revision	3

sched_exp_time	2400.000000
ontime	2365.9326298237
ontime0	2369.1736499369
ontime1	2365.9326497316
ontime2	2365.9326099455
ontime3	2365.9326298237
ontime6	2365.9326099455
ontime7	2365.9326298237
l1events	94744

### 2.1.4 Events

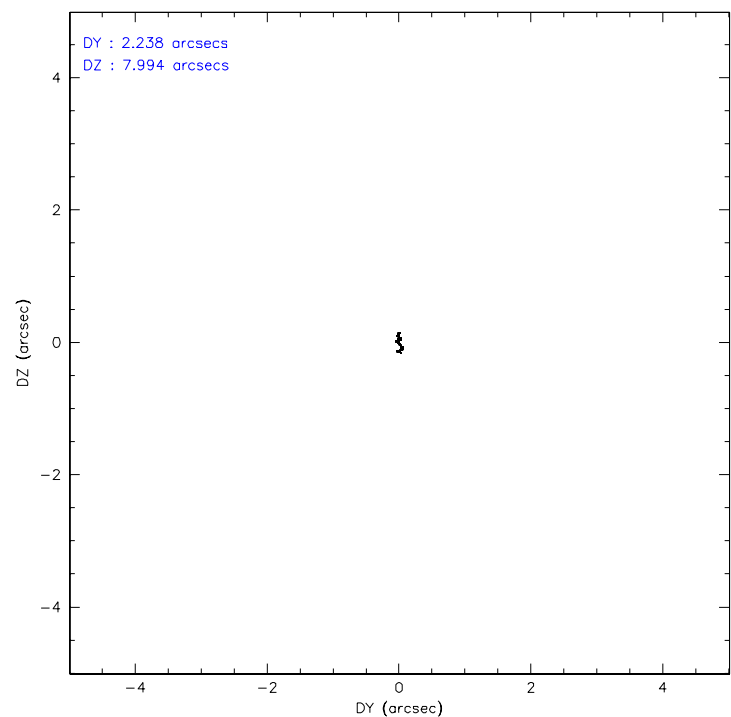
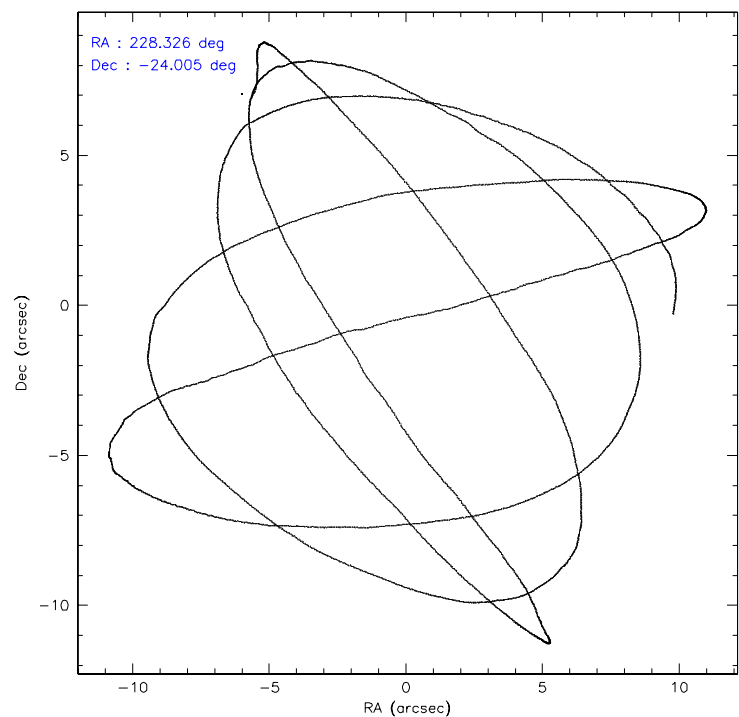
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	14348	13881	14749	14902	16385	20479
rejected events	12557	11955	12993	12787	14589	12572
rejected %	87%	86%	88%	85%	89%	61%

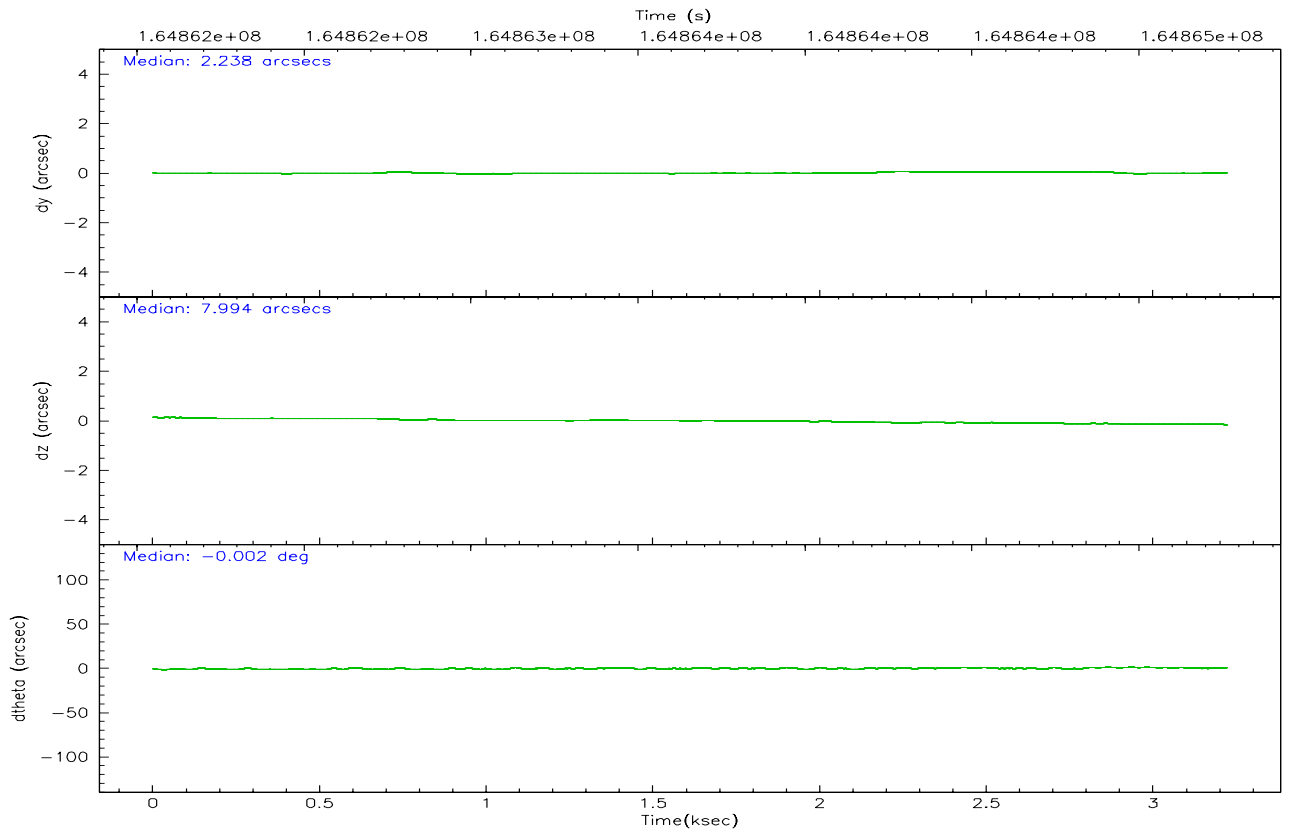
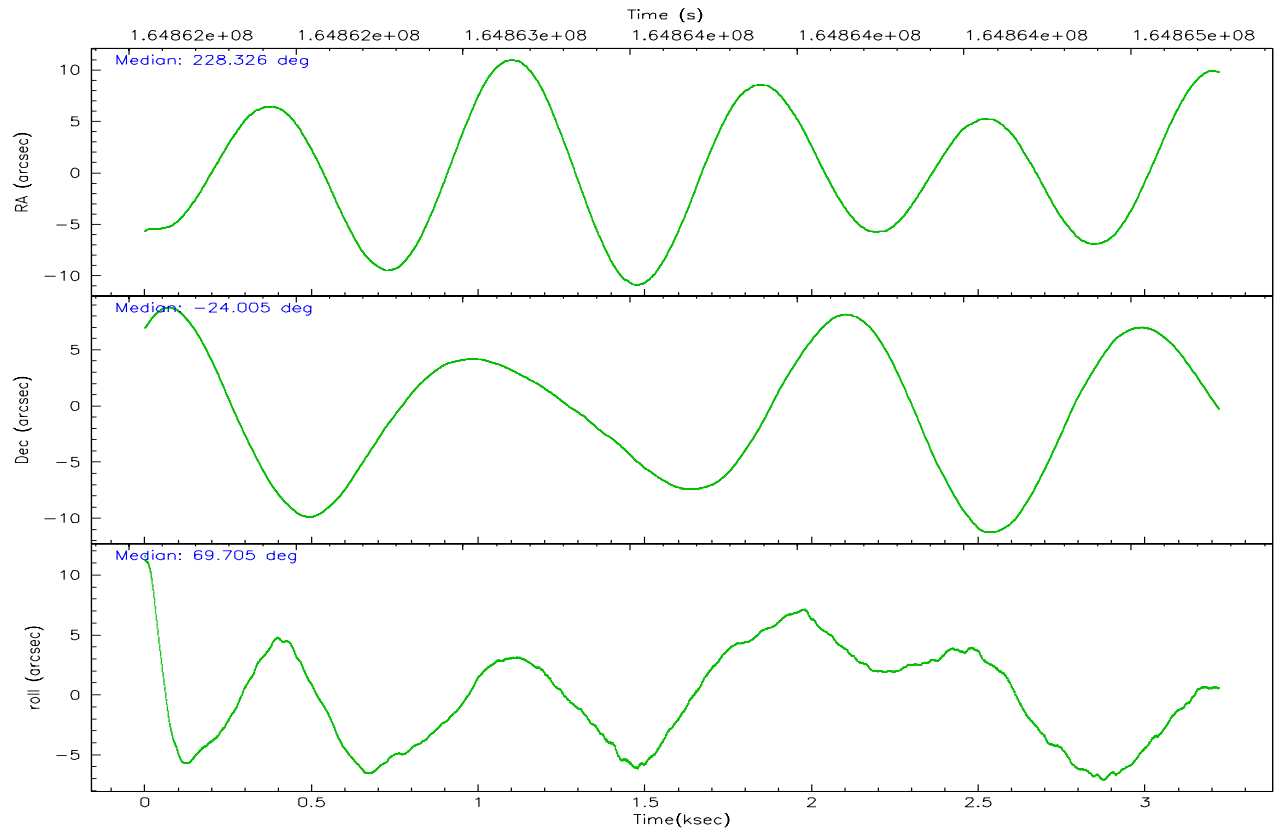
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	799	808	837	1058	730	463
	5%	5%	5%	7%	4%	2%
grade 1 events	11	5	2	13	5	12
	0%	0%	0%	0%	0%	0%
grade 2 events	372	403	318	368	363	1967
	2%	2%	2%	2%	2%	9%
grade 3 events	177	186	151	177	176	427
	1%	1%	1%	1%	1%	2%
grade 4 events	163	185	178	183	160	404
	1%	1%	1%	1%	0%	1%
grade 5 events	595	652	577	662	683	1340
	4%	4%	3%	4%	4%	6%
grade 6 events	287	350	278	332	370	4665
	2%	2%	1%	2%	2%	22%
grade 7 events	11944	11292	12408	12109	13898	11201
	83%	81%	84%	81%	84%	54%

## 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	228.331156	228.3259377174098	Alternating exposures requested	N	N
Pointing Dec	-24.031899	-24.00478488567104	Primary exposure time	0.000000	3.2
Pointing Roll	69.508285	69.71486748288416			
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	164862872.184000	164861587.79014			
Observation start date	2003-03-24T03:13:28	2003-03-24T02:53:07			
Observation end time	164865272.184000	164865807.71532			
Observation end date	2003-03-24T03:53:28	2003-03-24T04:03:27			
Read mode	TIMED	TIMED			

### 2.3 Aspect





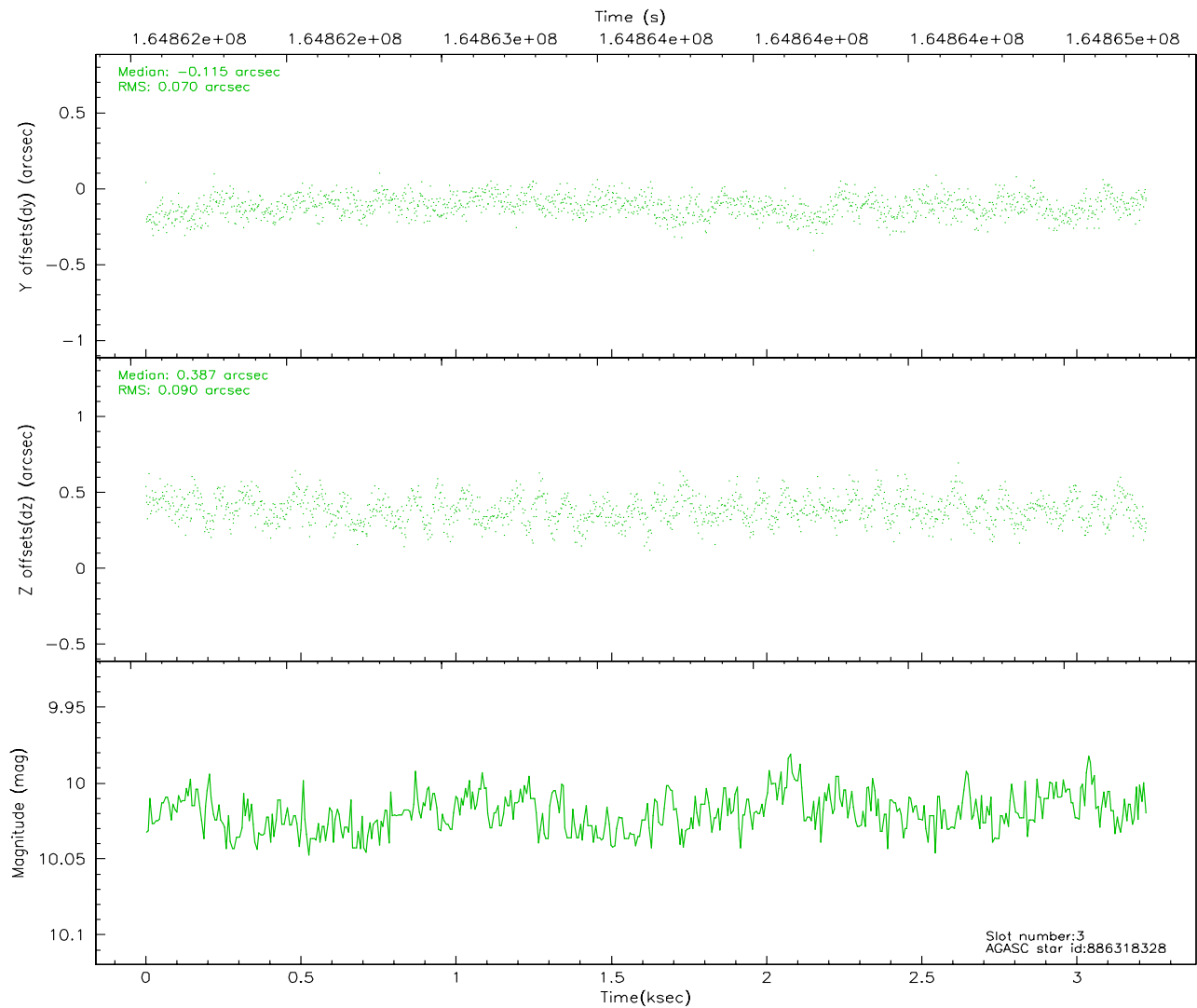
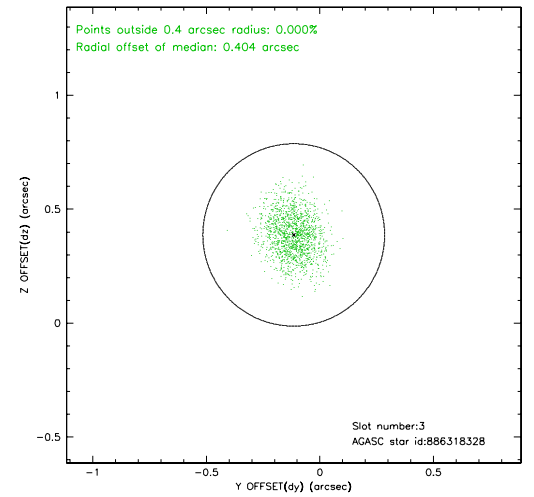
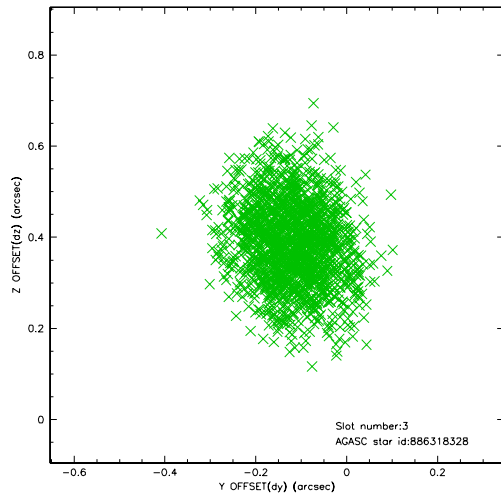
### Slot Statistics

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	786	-0.046	0.036	0.006	0.010	0.000000	0.000000	937.52	-831.37
1	FID	ACIS-I-5	7.24	787	-0.015	0.014	0.006	0.010	0.000000	0.000000	-1809.45	1065.12
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	886318328	10.02	1572	-0.115	0.387	0.123	0.198	228.937889	-24.316027	-265.47	-2224.14
4	GUIDE	886322056	8.76	1573	-0.081	-0.081	0.063	0.101	228.442150	-23.540855	1783.27	274.11
5	GUIDE	886835480	7.69	1572	0.154	-0.056	0.063	0.095	228.474887	-24.378799	-1004.03	-879.29
6	GUIDE	886182992	9.35	1570	-0.189	-0.328	0.110	0.174	227.809601	-23.423133	1445.20	2378.93
7	GUIDE	886315248	9.91	1570	0.239	0.082	0.105	0.172	228.691068	-24.374839	-743.68	-1537.16

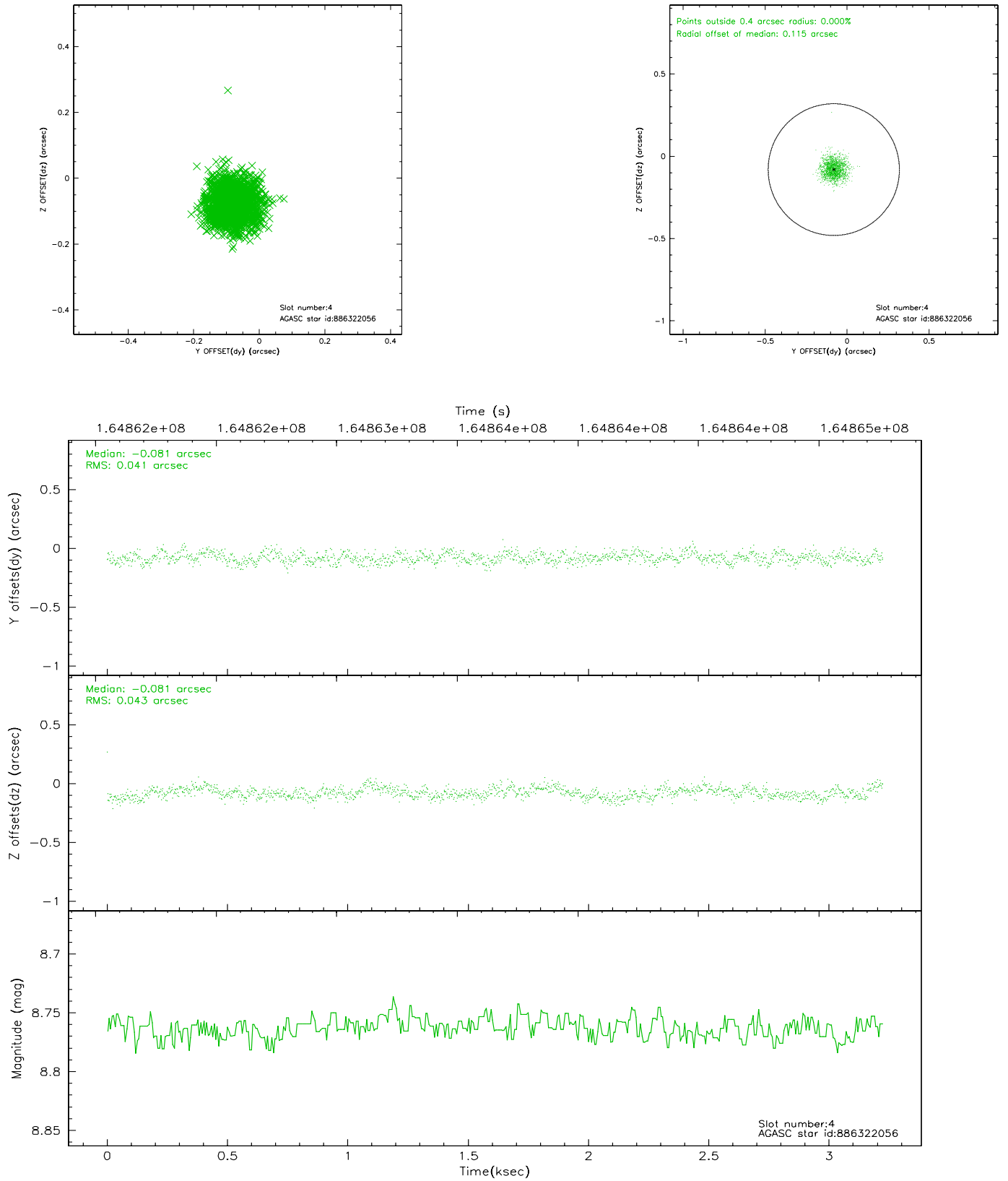


## 2.4 Star Slots

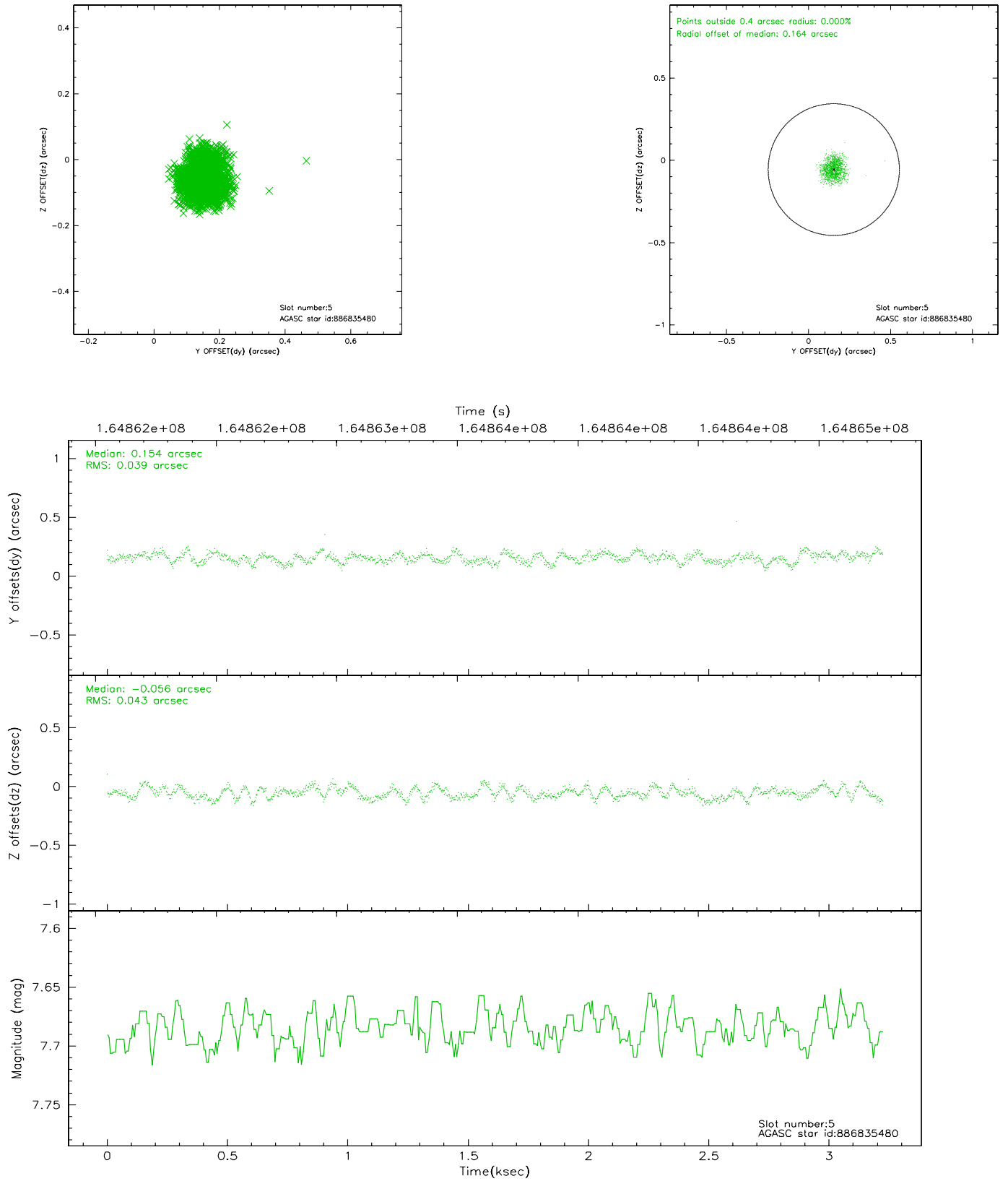
### 2.4.1 Slot 3



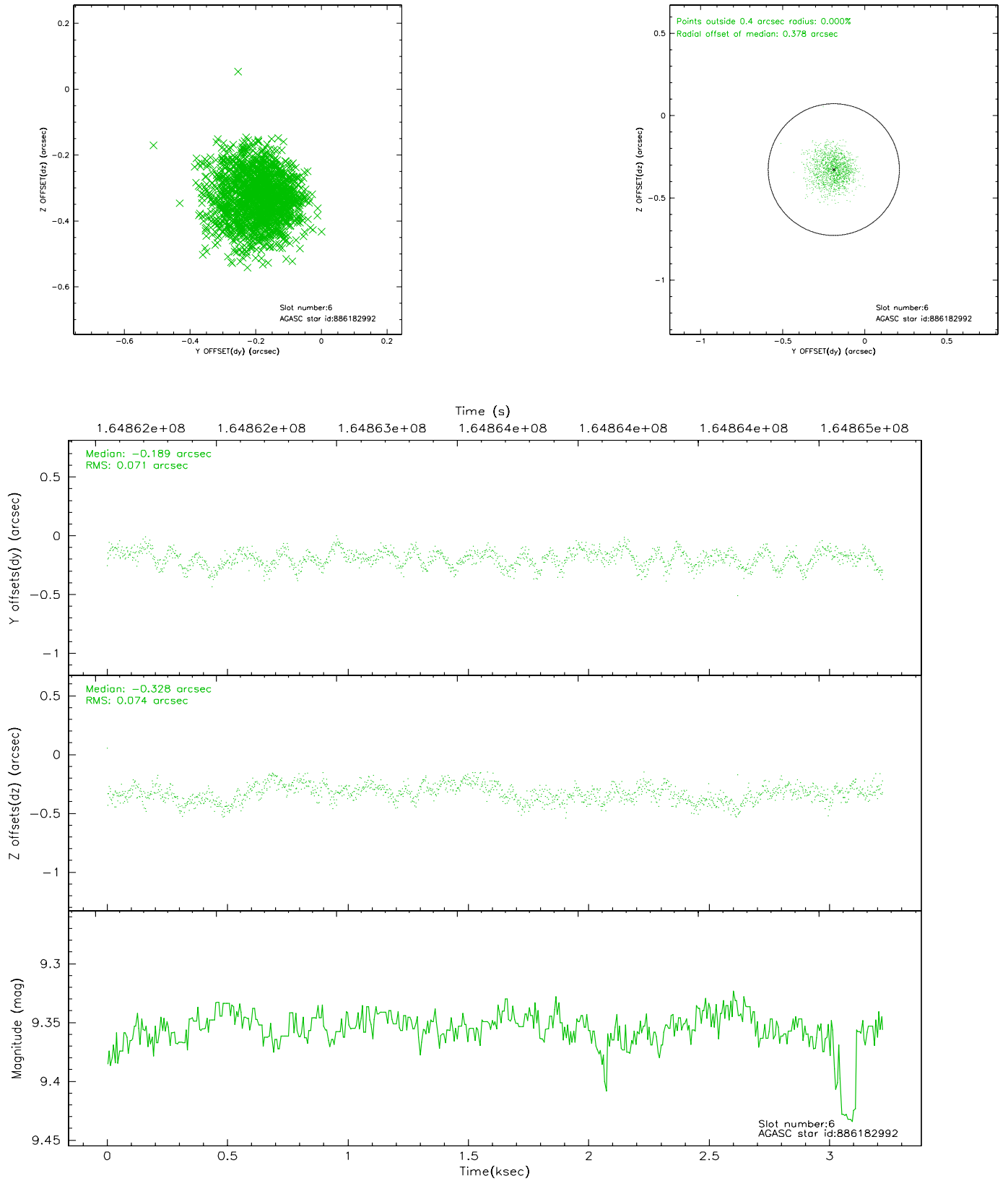
## 2.4.2 Slot 4



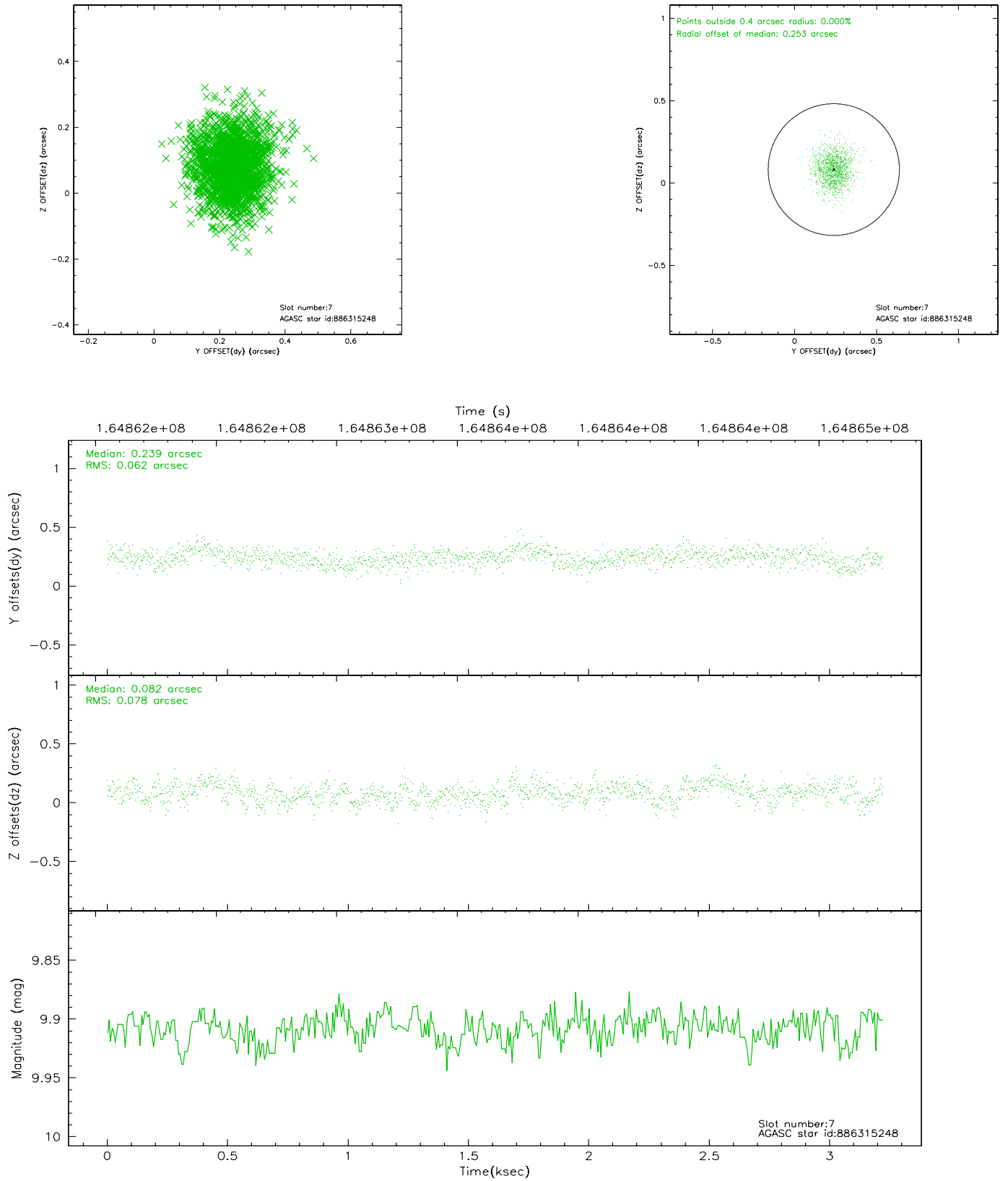
### 2.4.3 Slot 5



## 2.4.4 Slot 6

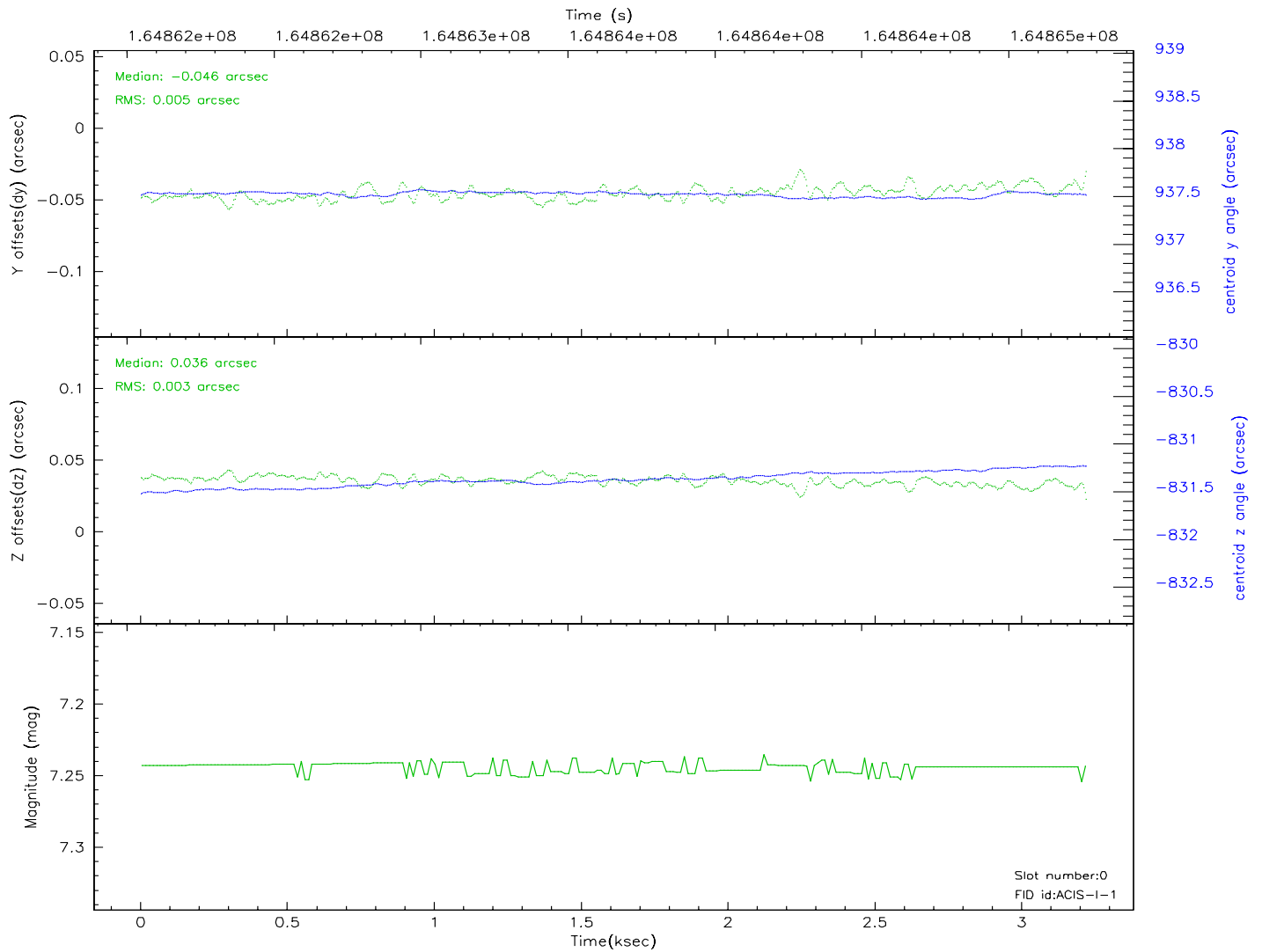
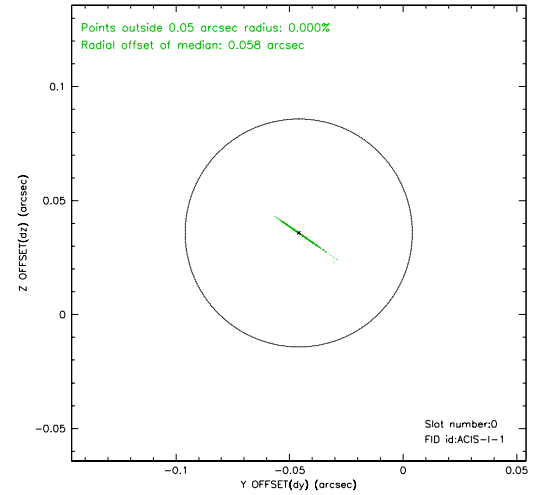
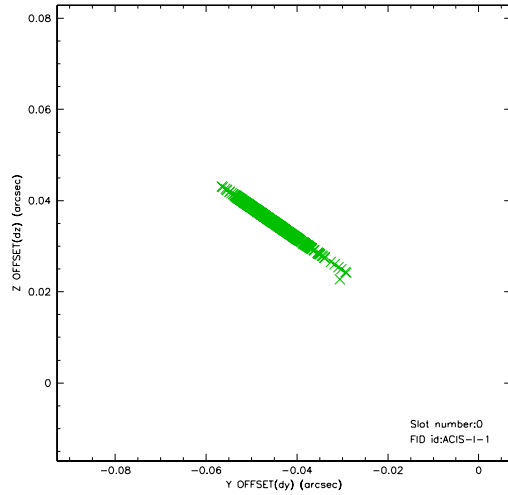


## 2.4.5 Slot 7

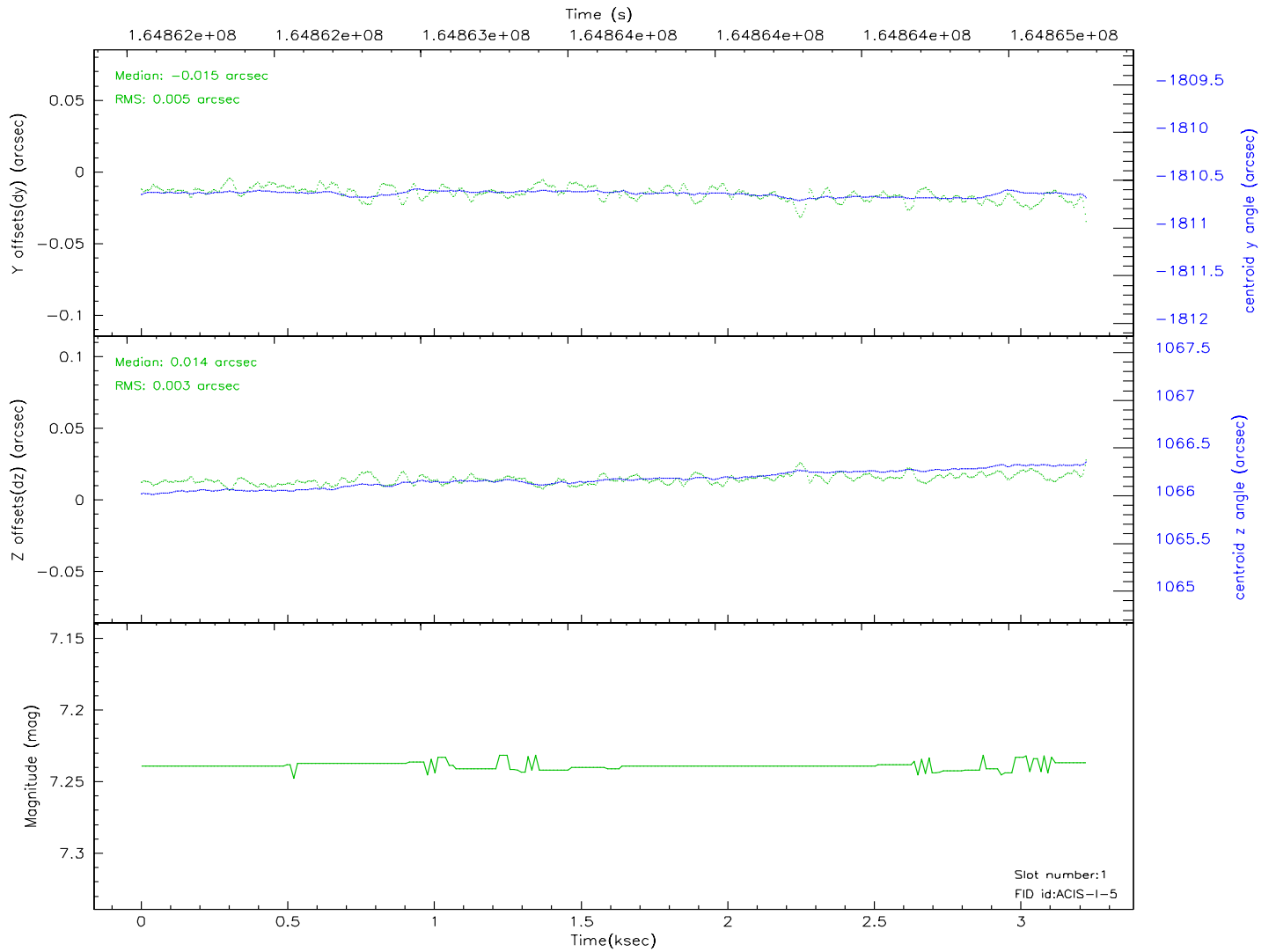
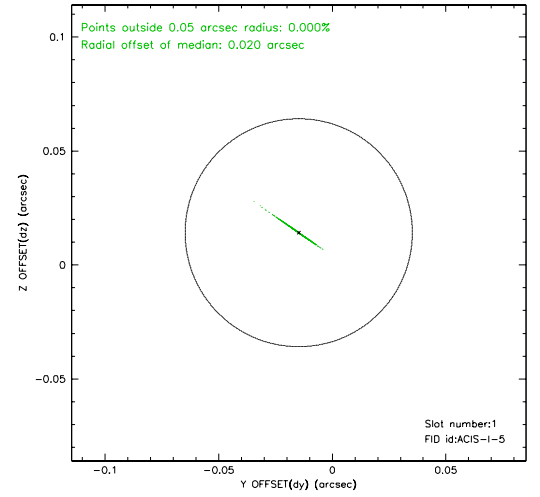
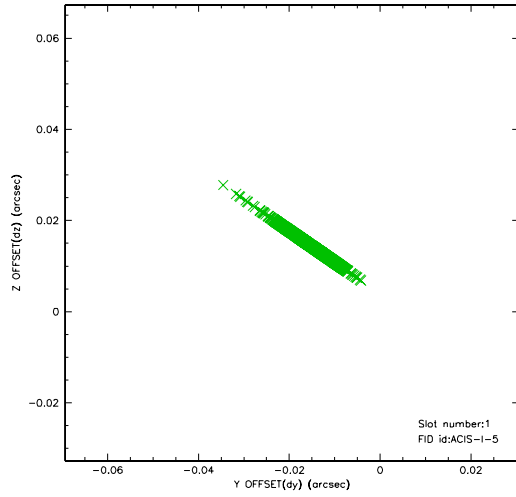


## 2.5 FID Slots

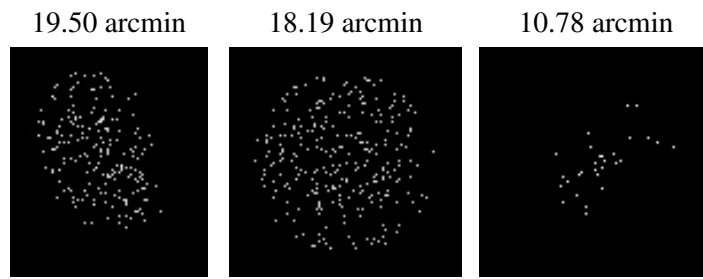
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 3 Point Sources





## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.364

### A.2 Comments