

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 5295 - L2 Version 001  
Chandra X-Ray Center

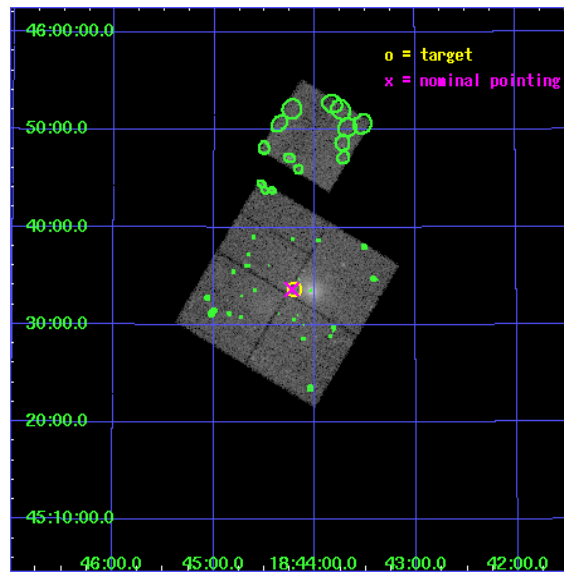
L2 Processing Date : Jun 4 2006

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# 1 Front

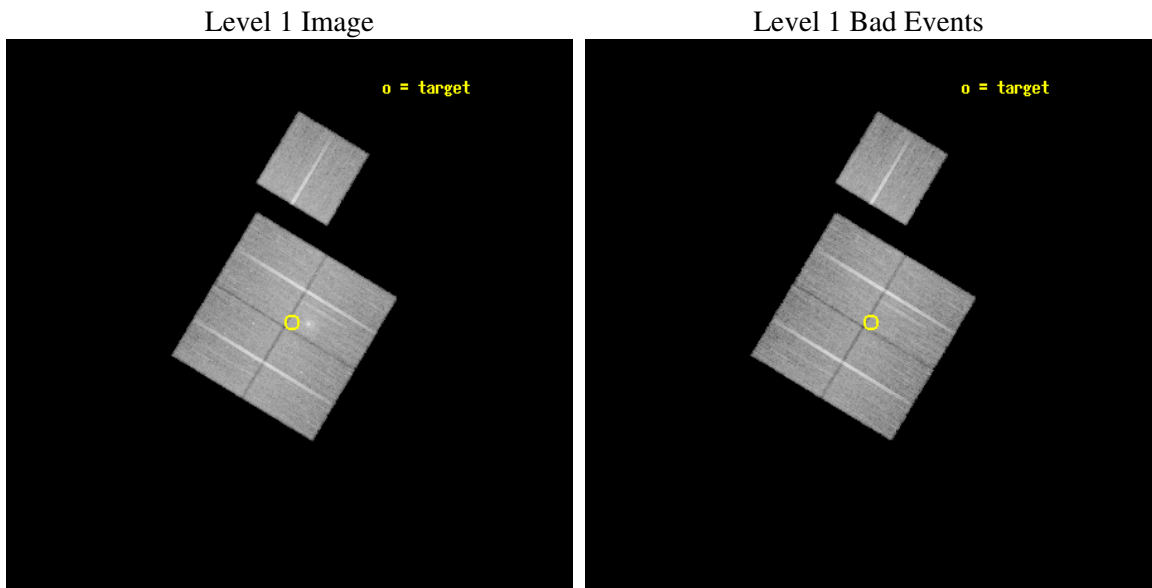
seq_num	700842
obs_id	5295
title	Shocks and Bubbles in the ICM: A Chandra Observation of 3C 388
observer	Dr. Stephen Murray
object	3C 388
dtcycle	0
cycle	P
ra_targ	281.05064
dec_targ	45.560172
ra_nom	281.05719015344
dec_nom	45.560816920159
roll_nom	31.034902556433
revision	2
ontime	31114.658969909
livetime	30708.123044188
ontime0	31114.65899983
ontime1	31114.658950031
ontime2	31114.658979952
ontime3	31114.658969909
ontime6	31114.658969909
l2events	115389



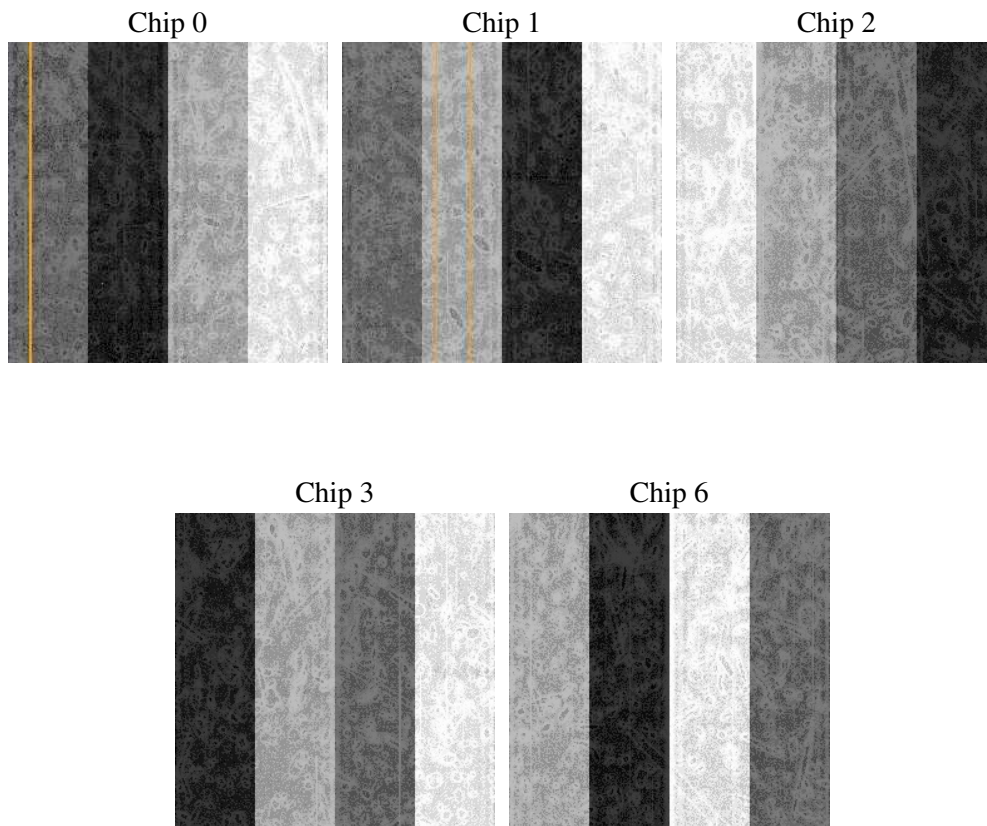
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T03:20:24
revision	2

sched_exp_time	31000.000000
ontime	31121.046519667
ontime0	31121.04657948
ontime1	31121.046499789
ontime2	31121.04652971
ontime3	31121.046519667
ontime6	31121.046519667
l1events	920074

### 2.1.4 Events

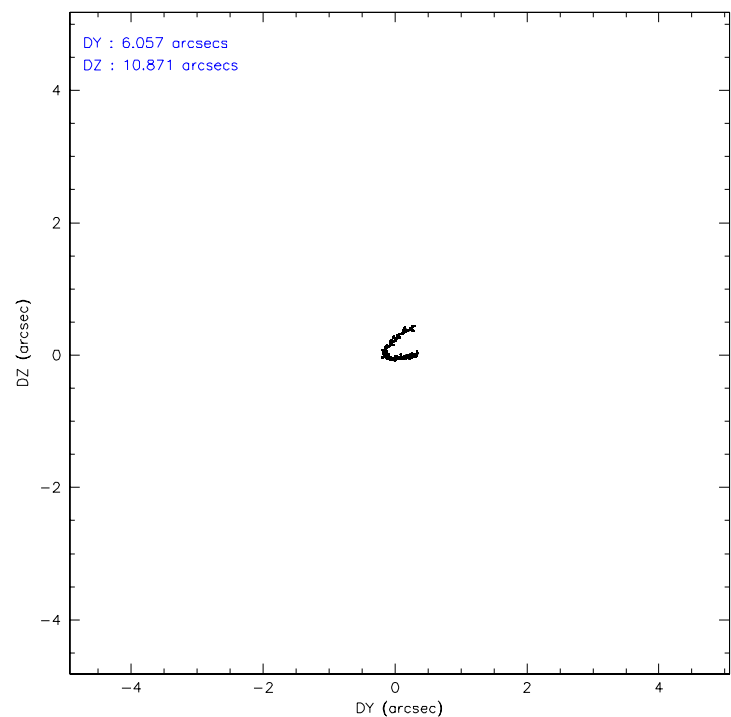
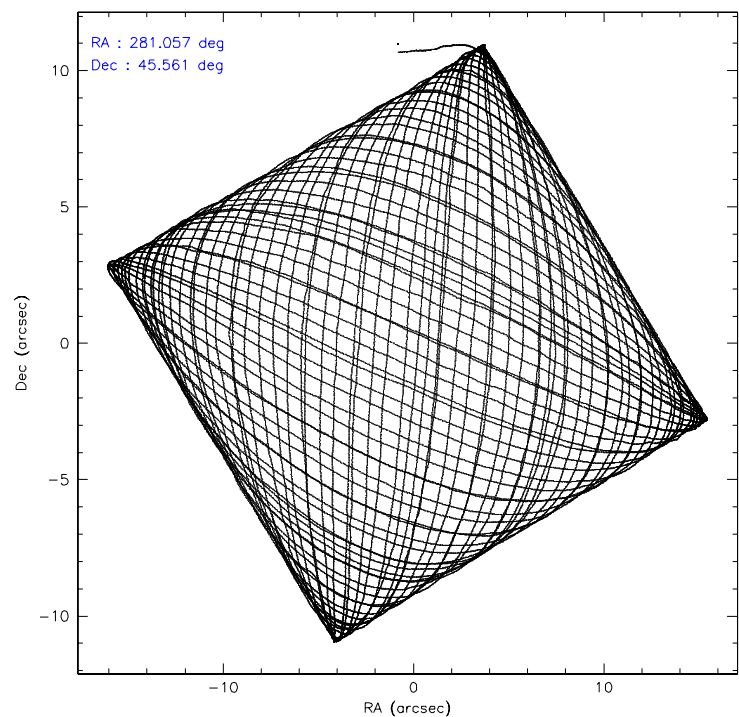
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	172248	178840	187833	195888	185265
rejected events	146676	152684	163757	163318	162453
rejected %	85%	85%	87%	83%	87%

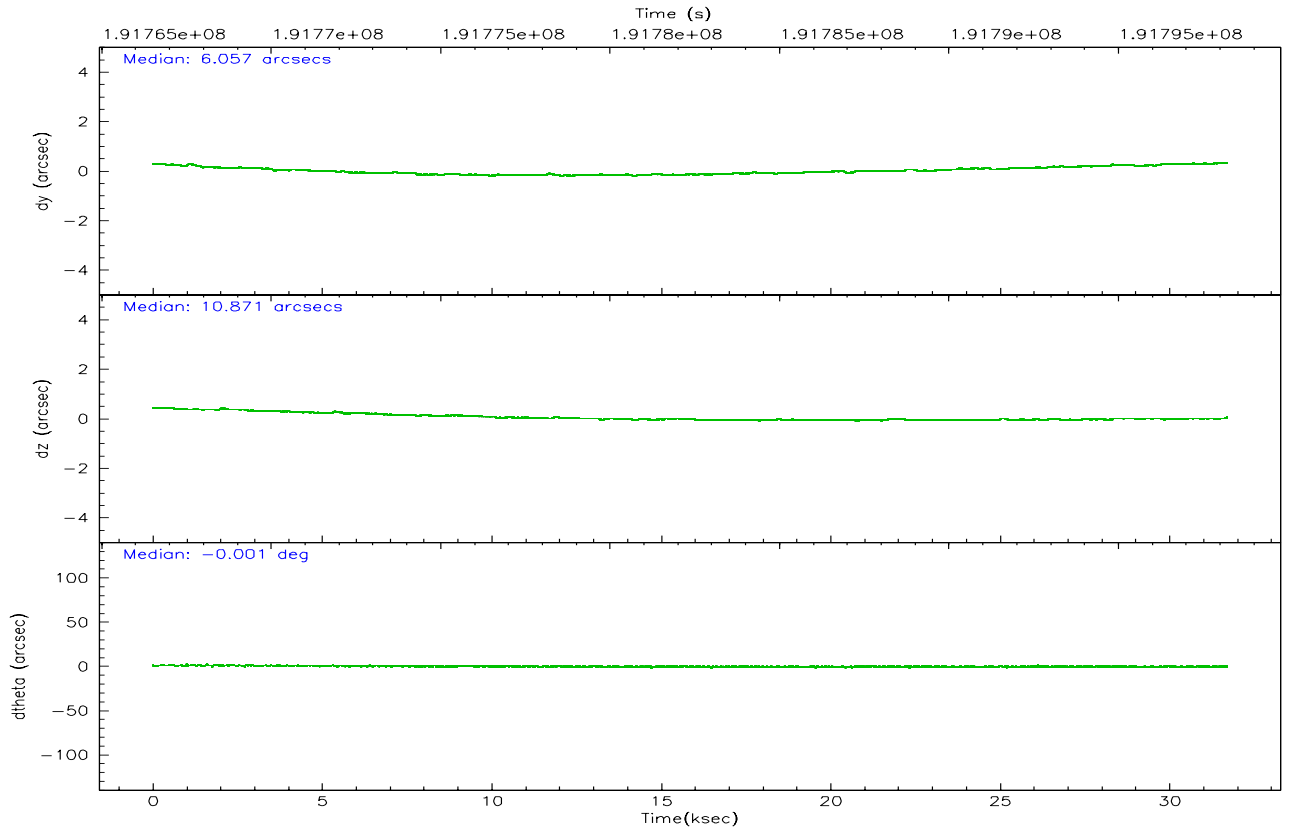
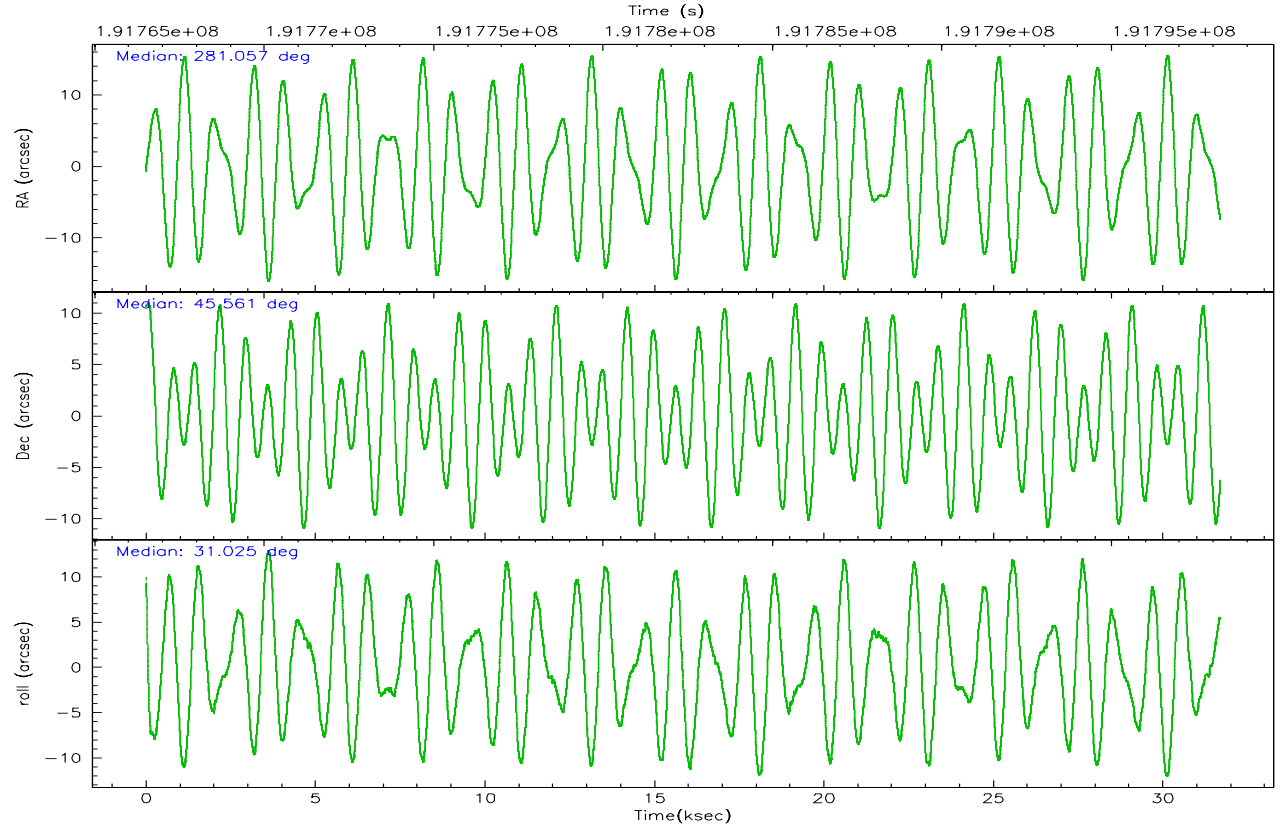
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	11641	11186	11342	18332	9153
	6%	6%	6%	9%	4%
grade 1 events	132	86	117	153	93
	0%	0%	0%	0%	0%
grade 2 events	5149	5337	4786	5241	4561
	2%	2%	2%	2%	2%
grade 3 events	2434	2492	2158	2502	2225
	1%	1%	1%	1%	1%
grade 4 events	2202	2407	2140	2412	2261
	1%	1%	1%	1%	1%
grade 5 events	7735	8125	7534	8646	8598
	4%	4%	4%	4%	4%
grade 6 events	4160	4736	3656	4089	4613
	2%	2%	1%	2%	2%
grade 7 events	138795	144471	156100	154513	153761
	80%	80%	83%	78%	82%

## 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	281.038407	281.0571901534375	Alternating exposures requested	N	N
Pointing Dec	45.536821	45.56081692015901	Primary exposure time	0.000000	3.1
Pointing Roll	30.839625	31.03490255643299			
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	191767204.184000	191765989.84282			
Observation start date	2004-01-29T12:39:00	2004-01-29T12:19:49			
Observation end time	191798204.184000	191799716.9568			
Observation end date	2004-01-29T21:15:40	2004-01-29T21:41:56			
Read mode	TIMED	TIMED			

2.3 Aspect



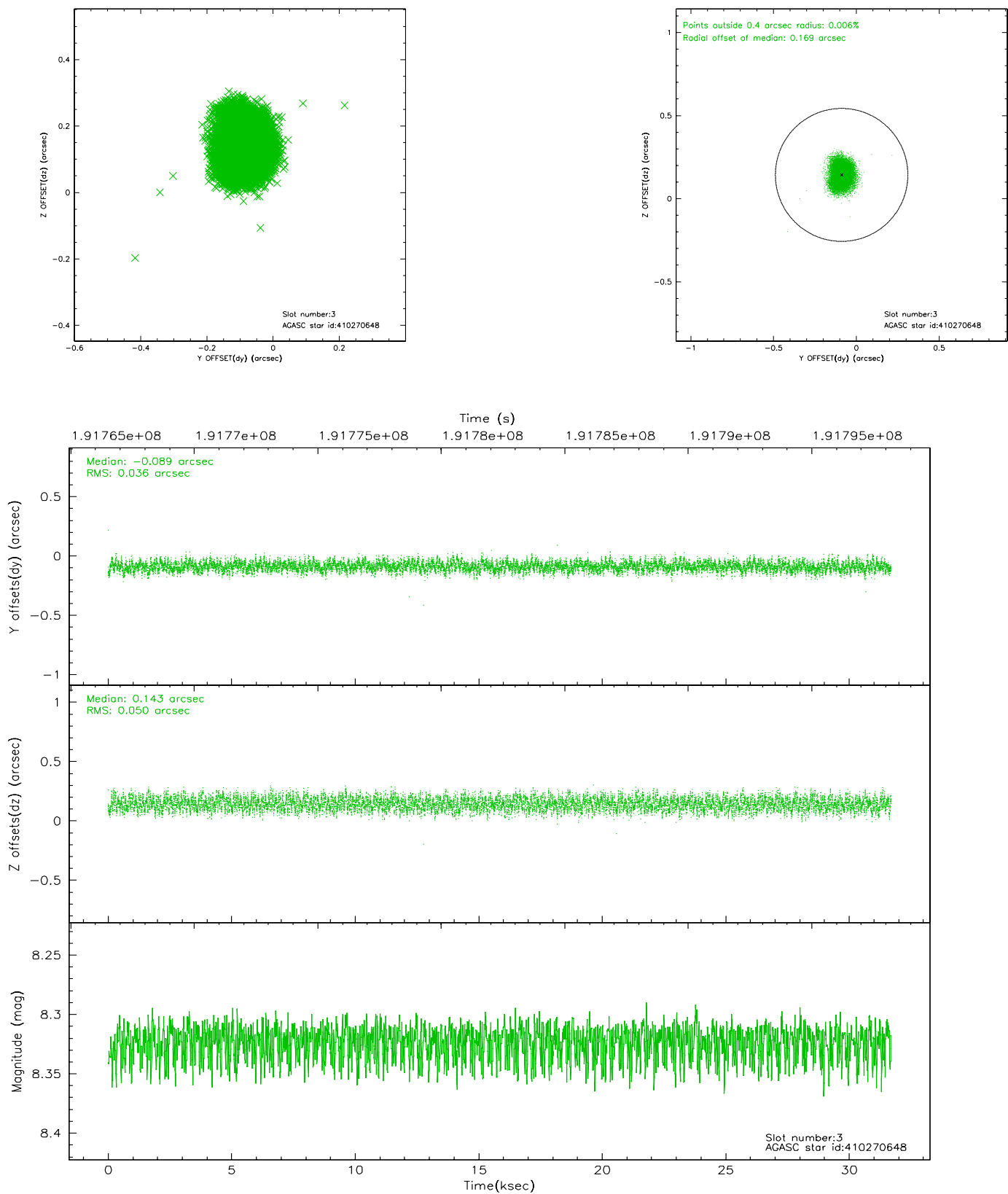


### Slot Statistics

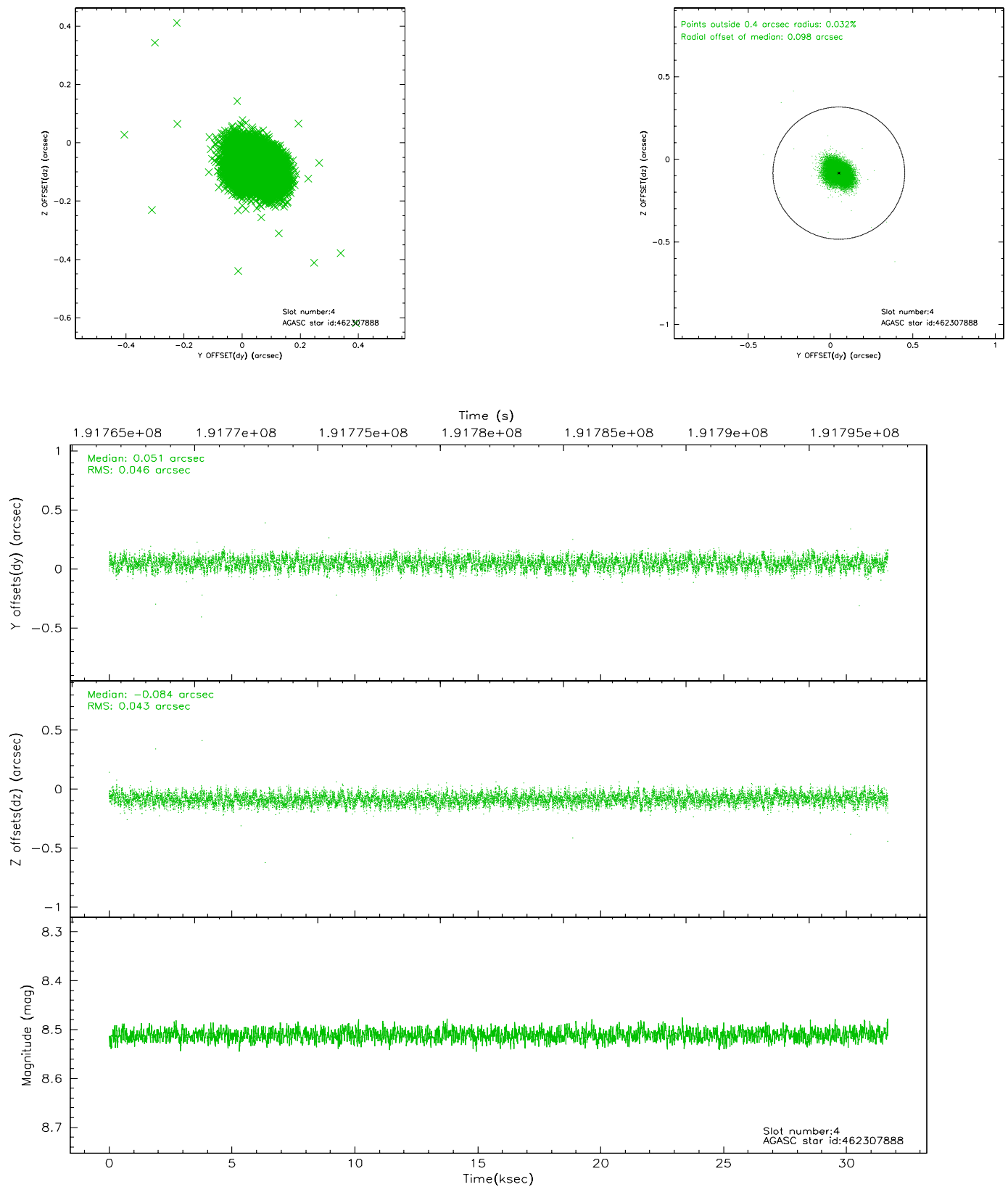
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	7730	0.009	0.016	0.007	0.013	0.000000	0.000000	933.62	-834.44
1	FID	ACIS-I-5	7.23	7730	-0.121	0.041	0.007	0.011	0.000000	0.000000	-1814.55	1063.10
2	FID	ACIS-I-6	7.25	7729	0.021	0.013	0.007	0.012	0.000000	0.000000	399.16	1707.60
3	GUIDE	410270648	8.32	15460	-0.089	0.143	0.066	0.105	281.097411	44.889988	-1063.94	-2076.24
4	GUIDE	462307888	8.51	15456	0.051	-0.084	0.068	0.105	280.411703	45.917665	-641.85	1986.99
5	GUIDE	464017248	8.33	15457	0.054	-0.013	0.079	0.137	282.279643	45.321328	2312.98	-2255.23
6	GUIDE	464018424	7.26	15460	0.012	0.050	0.082	0.127	282.151184	45.261757	1924.42	-2278.24
7	GUIDE	462305872	9.14	15451	-0.038	-0.092	0.108	0.189	280.002199	45.867625	-1611.27	2368.25

## 2.4 Star Slots

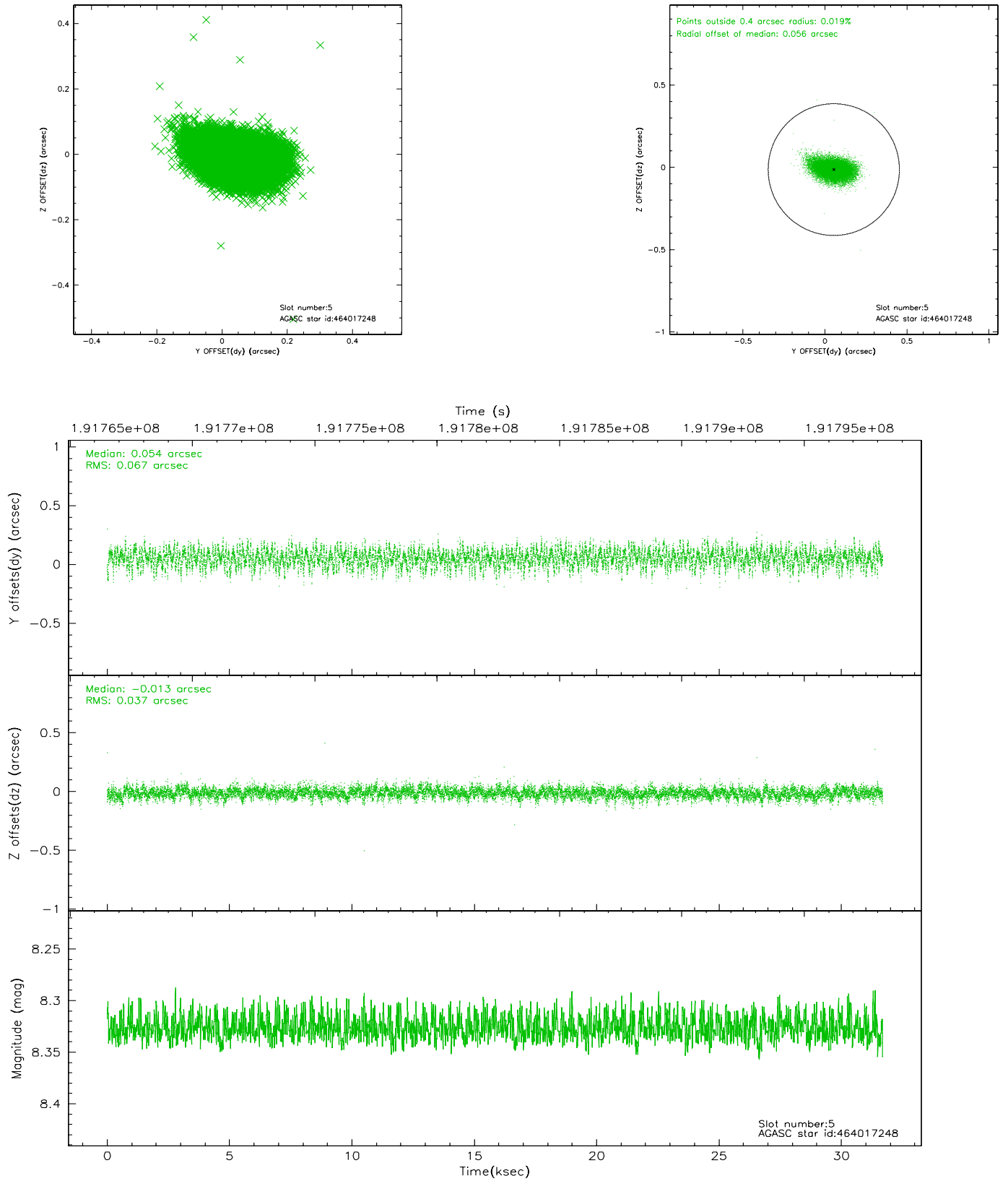
### 2.4.1 Slot 3



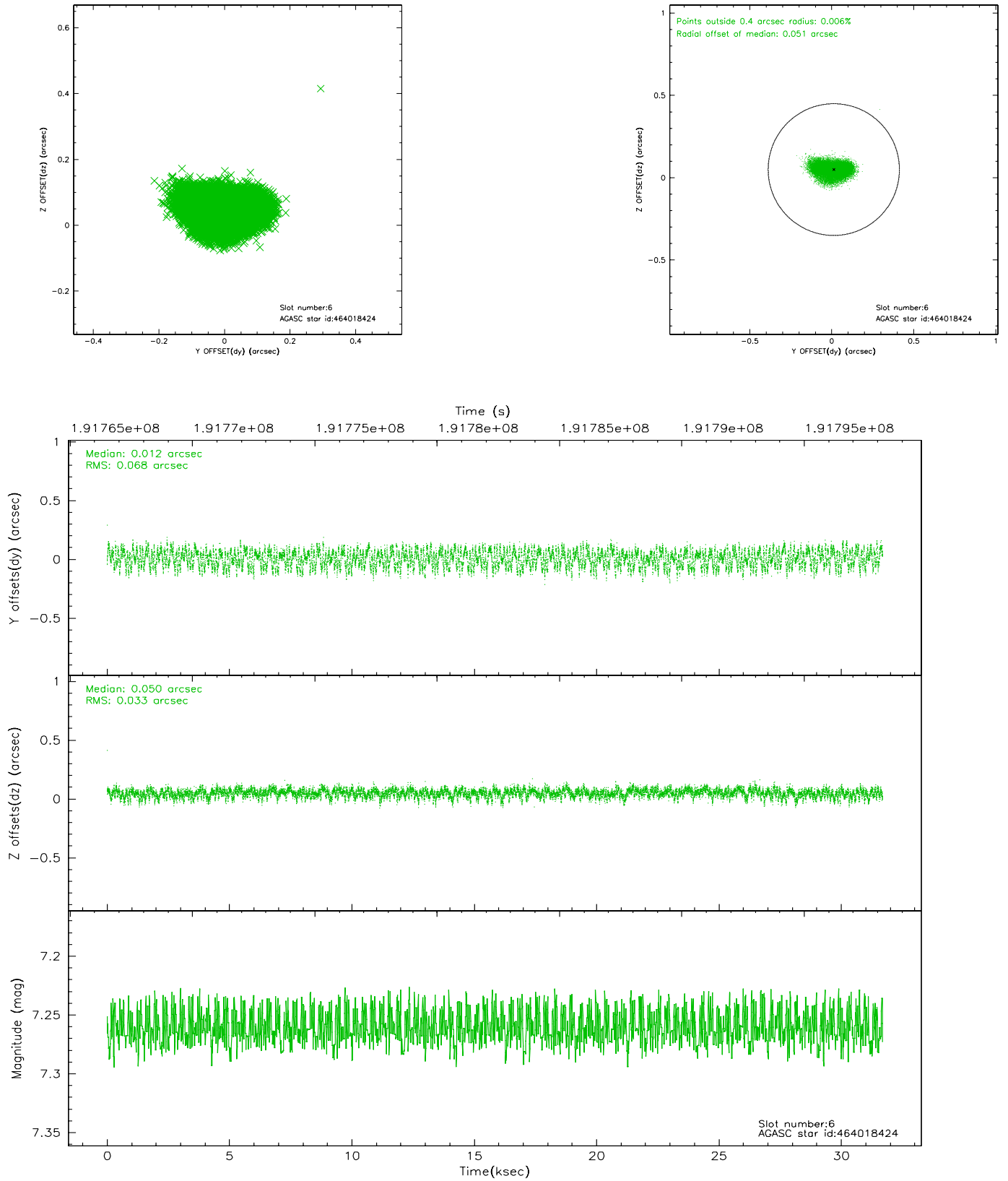
## 2.4.2 Slot 4



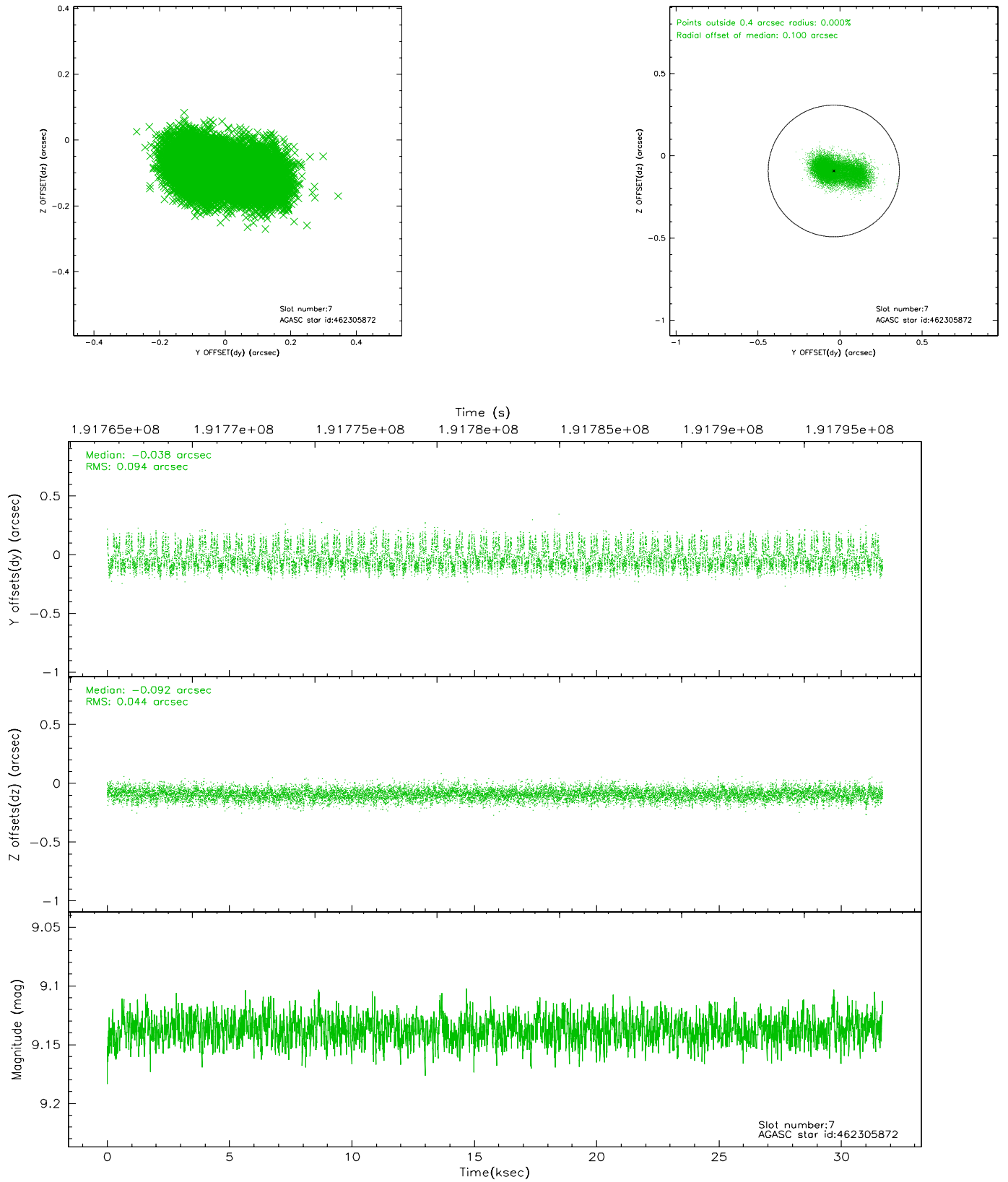
### 2.4.3 Slot 5



## 2.4.4 Slot 6

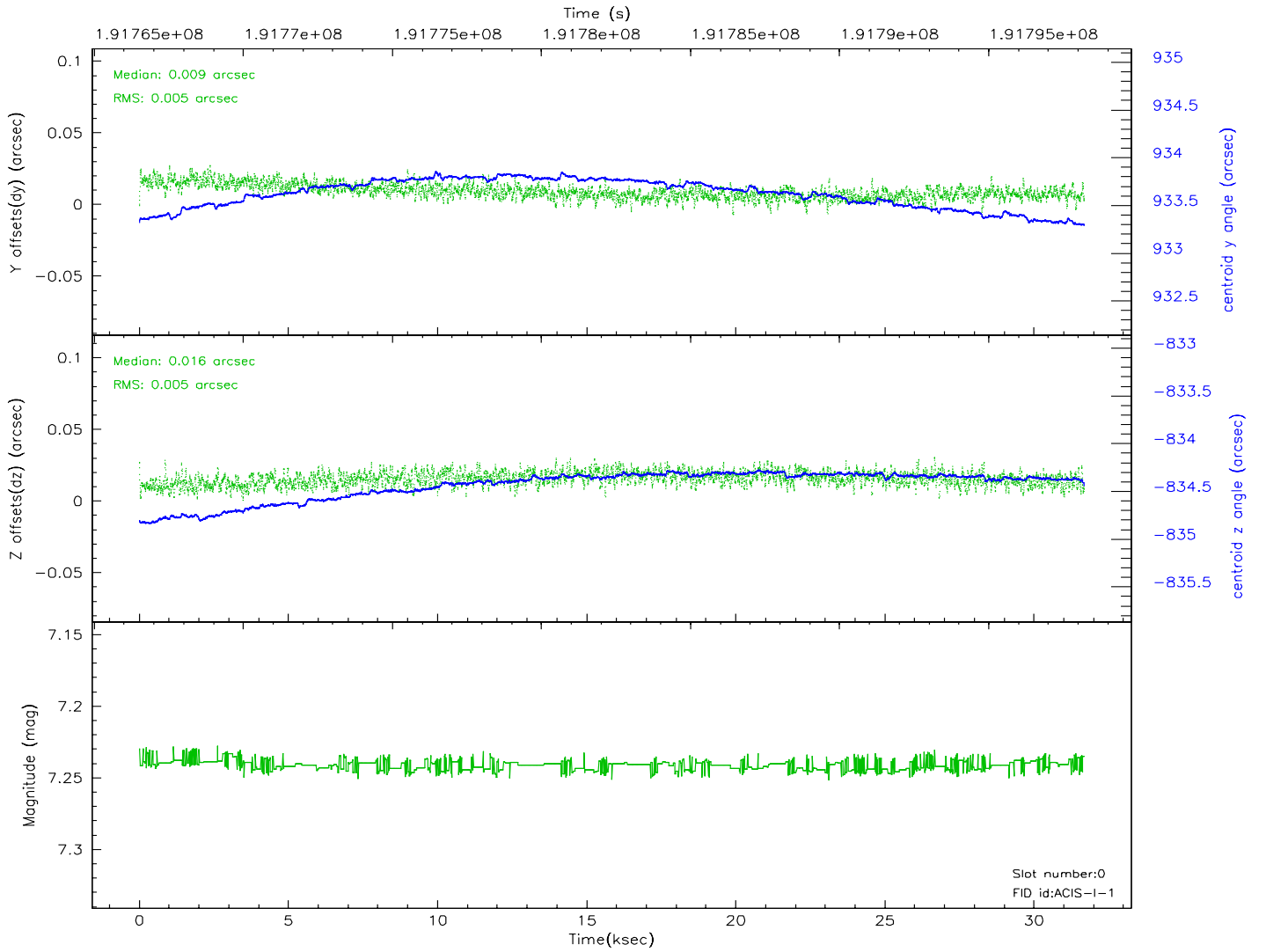
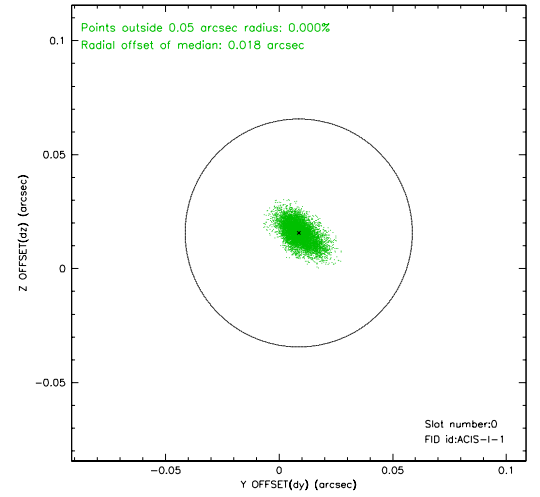
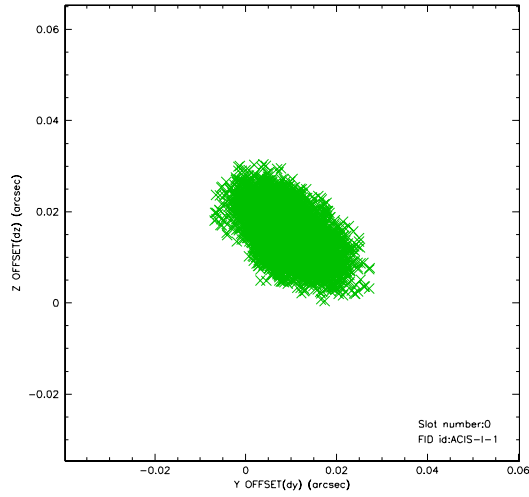


## 2.4.5 Slot 7

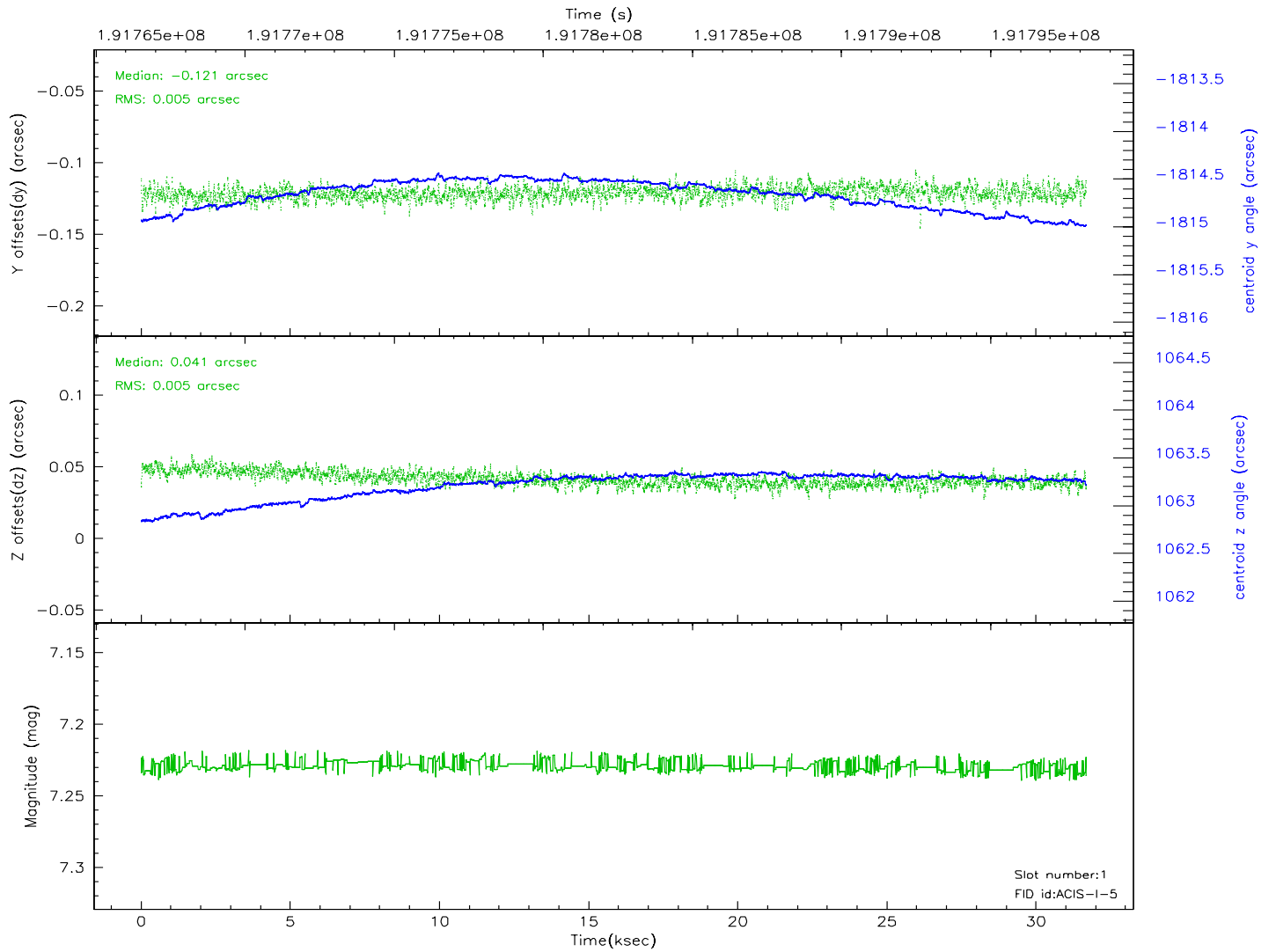
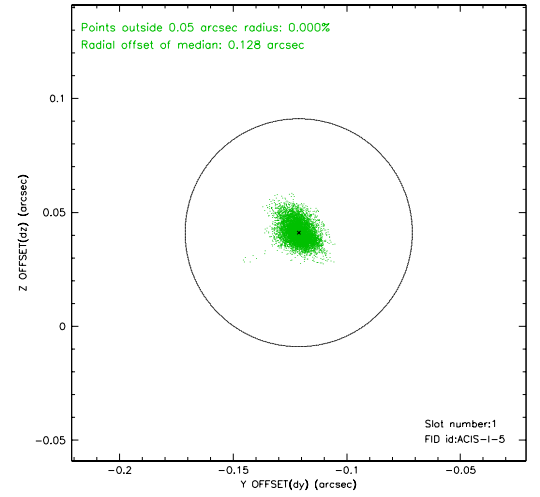
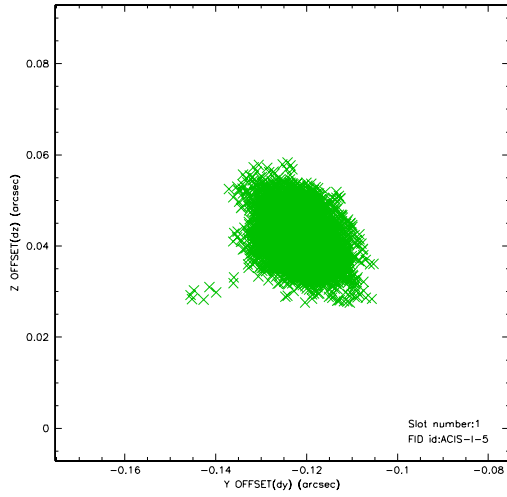


## 2.5 FID Slots

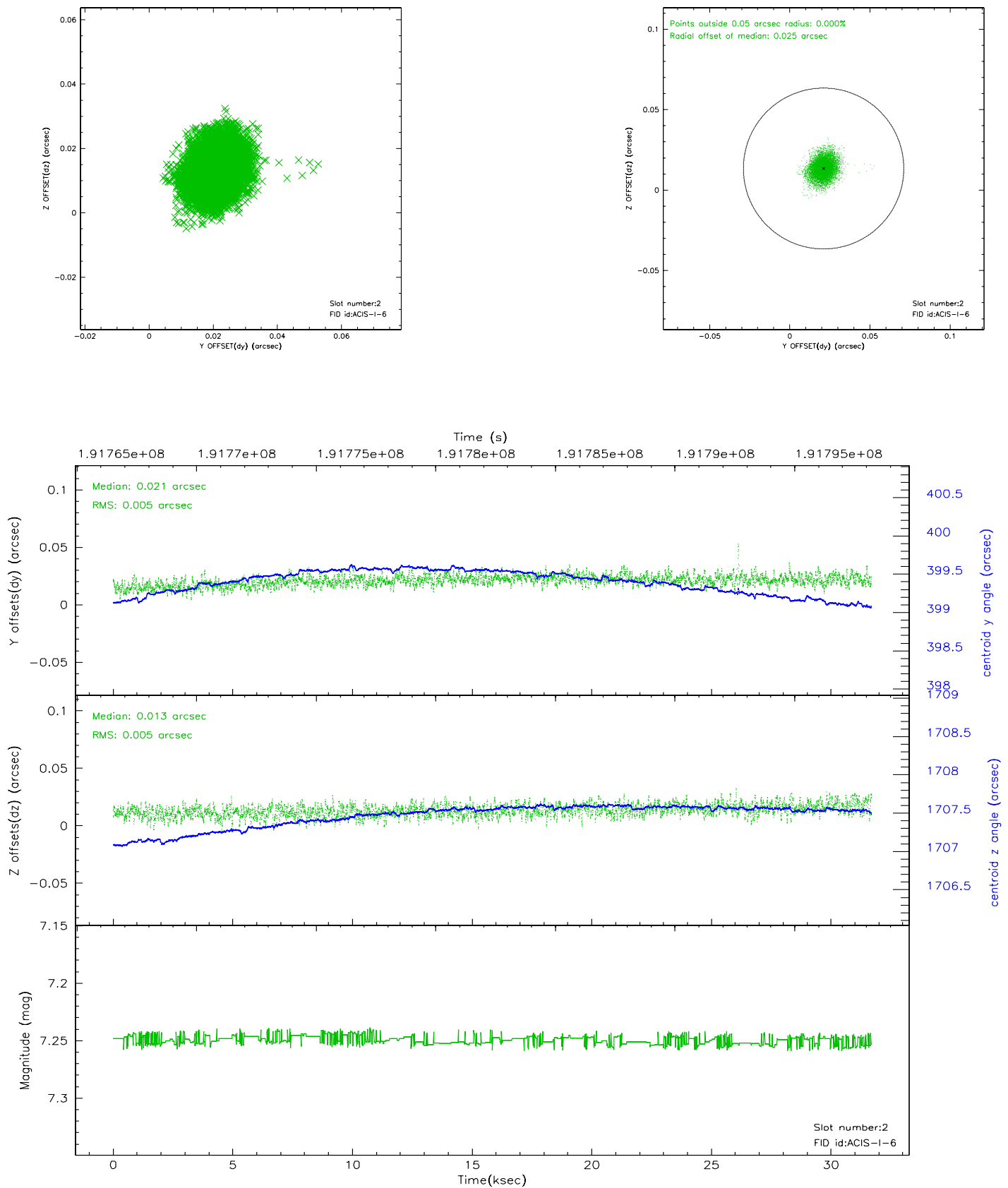
### 2.5.1 Slot 0



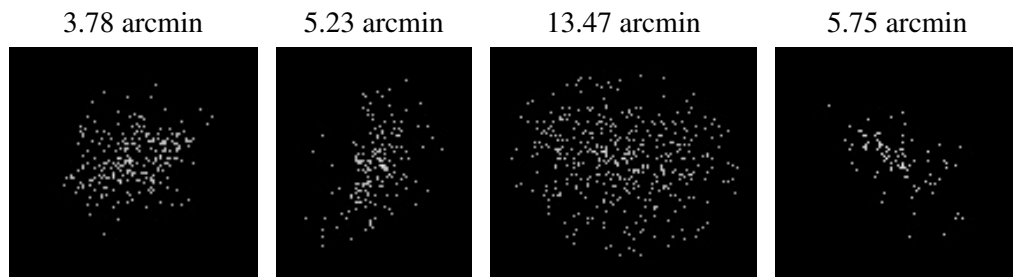
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.117

### A.2 Comments