

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 736 - L2 Version 001  
Chandra X-Ray Center

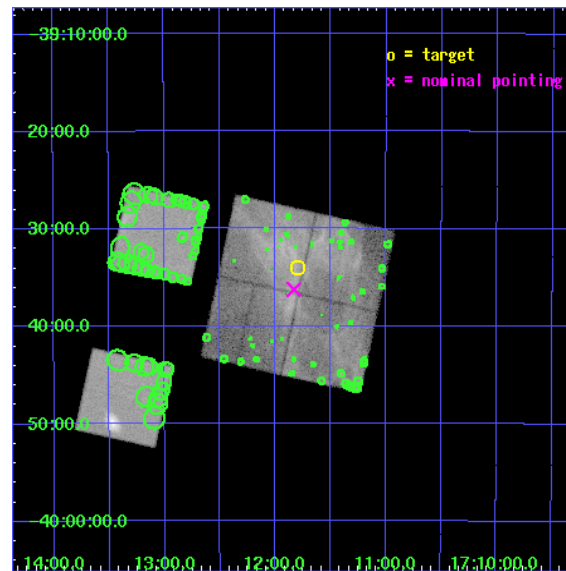
L2 Processing Date : May 31 2007

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# 1 Front

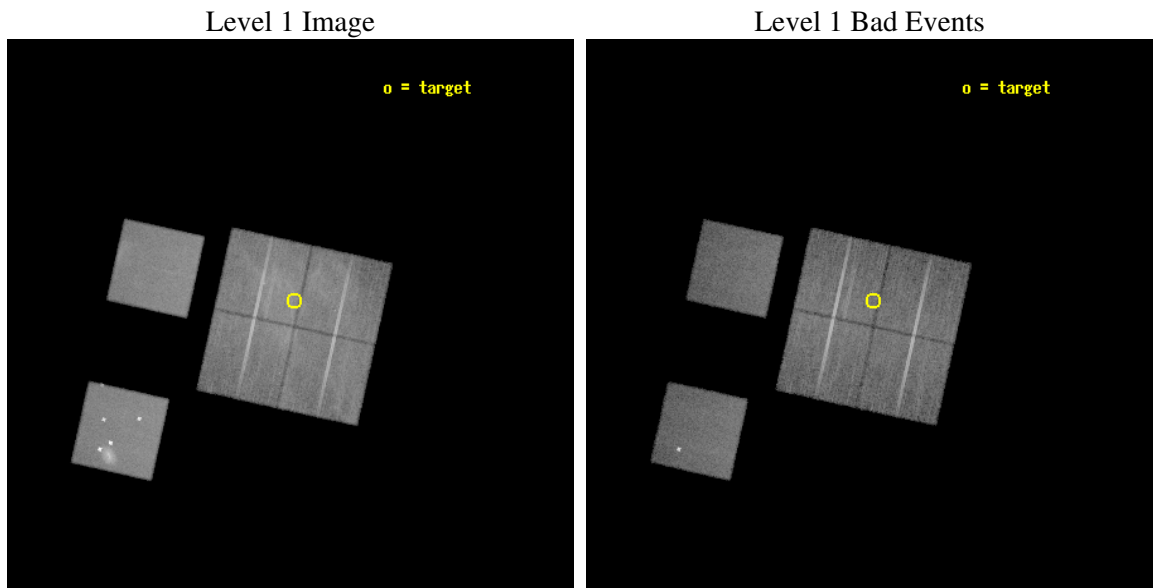
seq_num	500032
obs_id	736
title	AN AXAF STUDY OF THE NONTHERMAL EMISSION IN G347.5-0.5
observer	Dr. Patrick Slane
object	G347.5-0.5
dtcycle	0
cycle	P
ra_targ	257.95
dec_targ	-39.566667
ra_nom	257.95800835079
dec_nom	-39.604075049258
roll_nom	282.49669047331
revision	3
ontime	30003.118117407
livetime	29623.200570096
ontime0	30009.600027949
ontime1	30006.35905771
ontime2	30009.600027949
ontime3	30003.118117407
ontime5	30009.600027949
ontime7	30009.600027949
l2events	526240



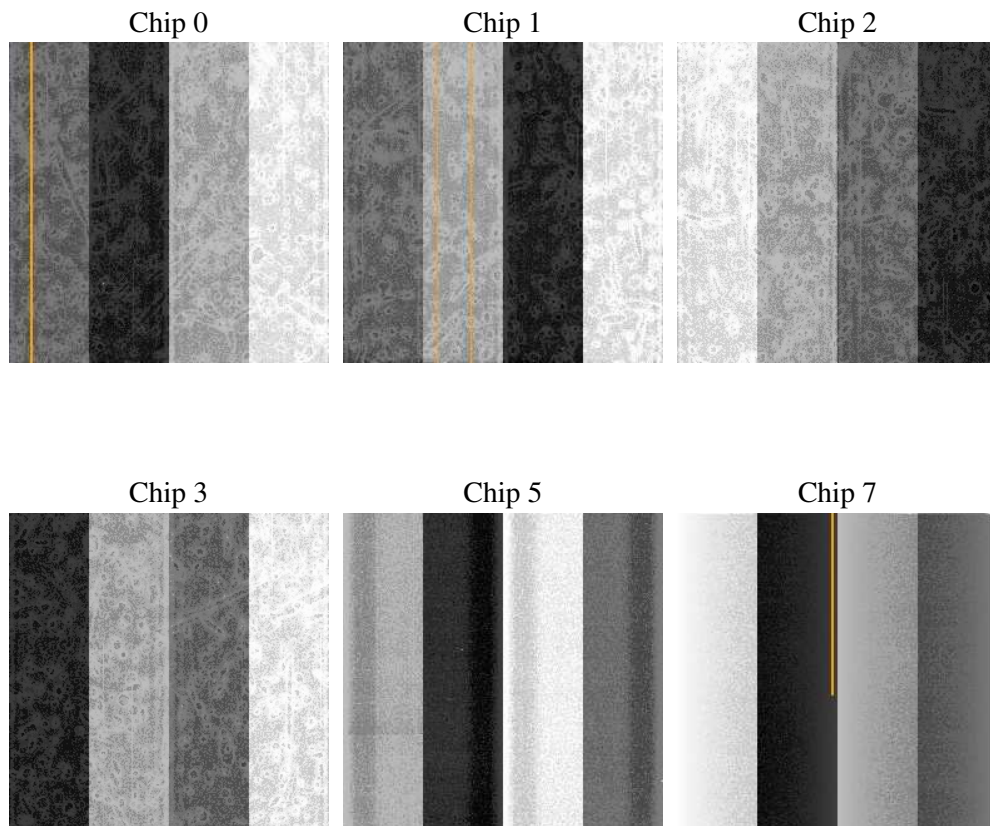
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-05-31T22:25:37
revision	3

sched_exp_time	30000.000000
ontime	30003.118117407
ontime0	30009.600027949
ontime1	30006.35905771
ontime2	30009.600027949
ontime3	30003.118117407
ontime5	30009.600027949
ontime7	30009.600027949
l1events	1398067

### 2.1.4 Events

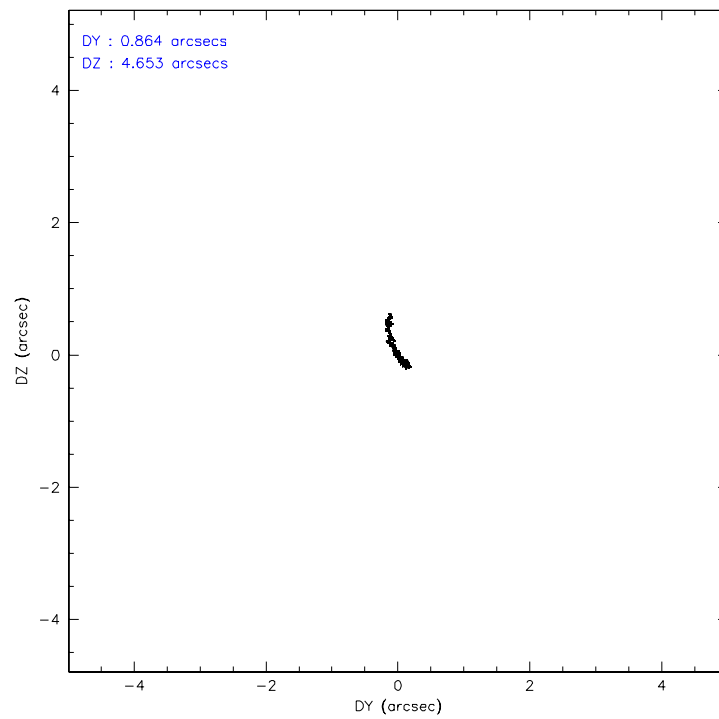
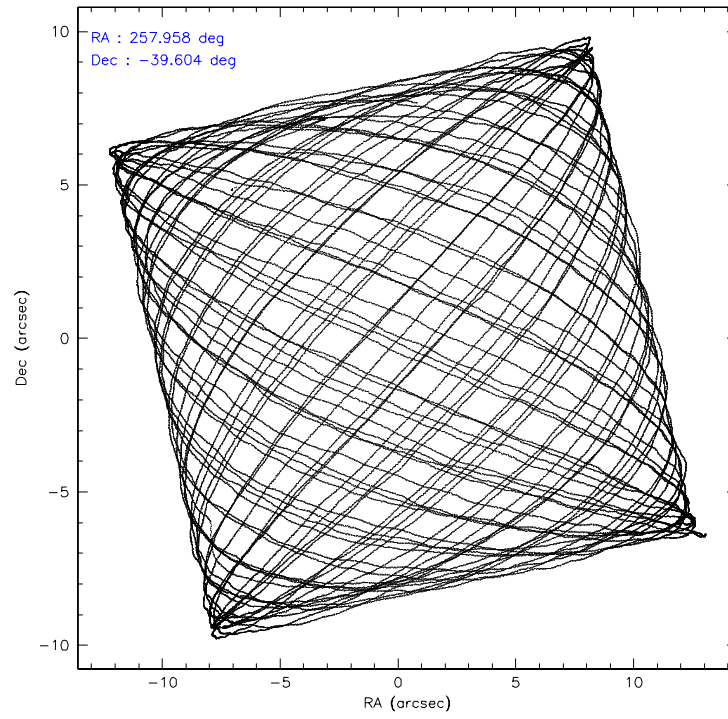
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	212660	212523	204050	249591	275397	243846
rejected events	142824	135891	150979	150759	125254	118956
rejected %	67%	63%	73%	60%	45%	48%

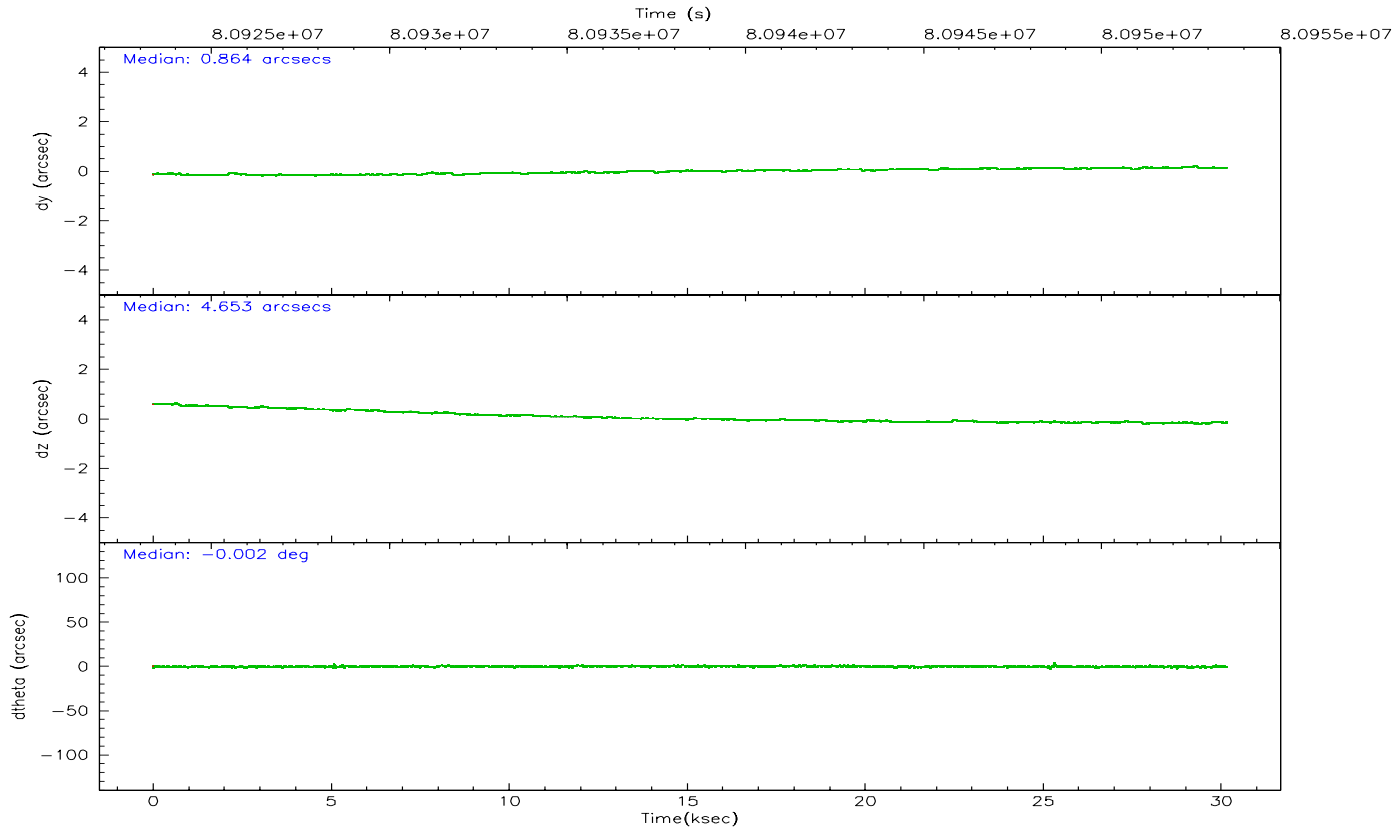
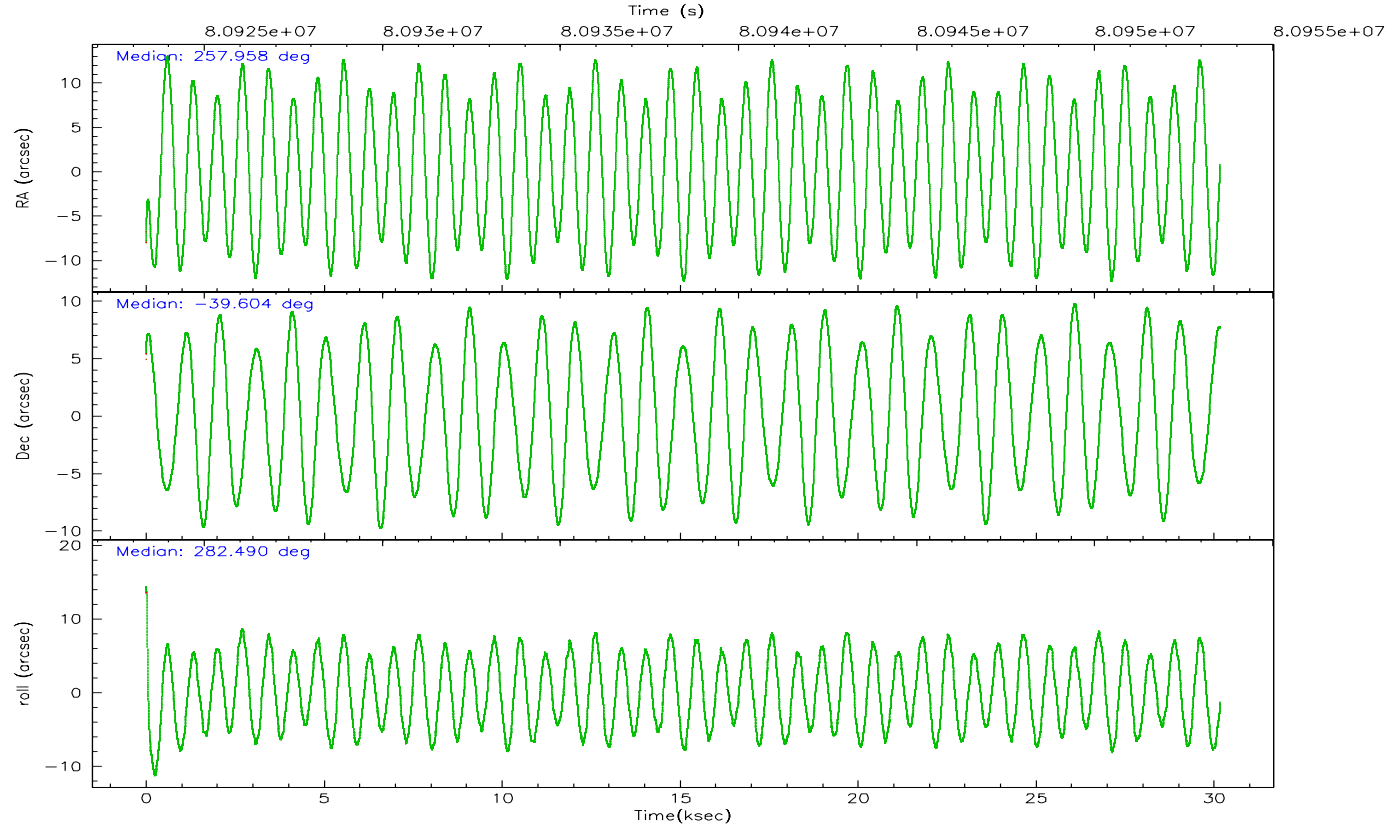
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	48153	53087	35907	71746	34984	18021
	22%	24%	17%	28%	12%	7%
grade 1 events	226	248	179	327	288	189
	0%	0%	0%	0%	0%	0%
grade 2 events	9618	10047	7570	12345	40832	27371
	4%	4%	3%	4%	14%	11%
grade 3 events	3612	4146	2813	4639	8255	12249
	1%	1%	1%	1%	2%	5%
grade 4 events	3451	3977	2856	4515	7598	12477
	1%	1%	1%	1%	2%	5%
grade 5 events	5983	6283	5496	6398	19146	20214
	2%	2%	2%	2%	6%	8%
grade 6 events	5022	5392	3937	5609	58509	54801
	2%	2%	1%	2%	21%	22%
grade 7 events	136595	129343	145292	144012	105785	98524
	64%	60%	71%	57%	38%	40%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	257.934006	257.9580083507875	Subarray requested	NONE	NONE
Pointing Dec	-39.583680	-39.60407504925803	Alternating exposures requested	N	N
Pointing Roll	282.272699	282.4966904733055	Primary exposure time	3.200000	3.2
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	80923528.184000	80922540.18085501			
Observation start date	2000-07-25T14:44:24	2000-07-25T14:29:00			
Observation end time	80953528.184000	80953662.25701199			
Observation end date	2000-07-25T23:04:24	2000-07-25T23:07:42			
Read mode	TIMED	TIMED			

## 2.3 Aspect





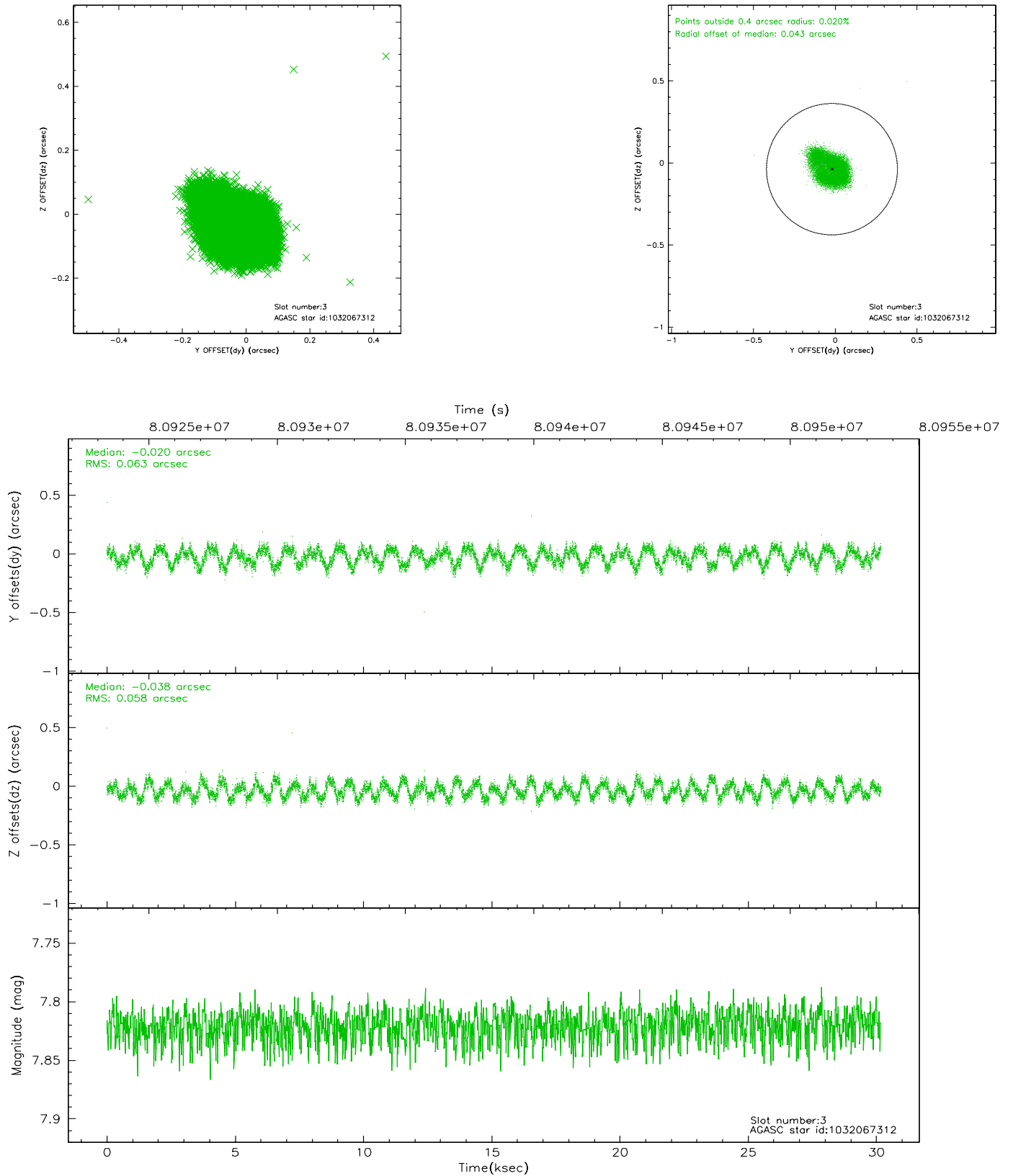
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	7359	-0.017	-0.001	0.009	0.016	0.000000	0.000000	-755.19	-834.43
1	FID	ACIS-I-4	7.19	7358	-0.077	0.020	0.009	0.017	0.000000	0.000000	2158.77	1071.73
2	FID	ACIS-I-5	7.23	7360	-0.006	0.050	0.010	0.016	0.000000	0.000000	-1808.92	1069.69
3	GUIDE	1032067312	7.82	14717	-0.020	-0.038	0.092	0.142	258.048957	-39.760316	688.73	176.71
4	GUIDE	1031405768	7.88	14716	-0.060	-0.091	0.059	0.098	257.178877	-39.338023	-1302.68	-1867.56
5	GUIDE	1031932624	8.33	14714	0.147	-0.006	0.080	0.127	257.431727	-40.221910	1955.36	-1837.28
6	GUIDE	1031932008	8.82	14713	-0.051	0.018	0.081	0.132	257.163205	-39.994917	1003.68	-2392.86
7	GUIDE	1031546704	9.16	14713	-0.009	0.118	0.096	0.155	258.328569	-39.071177	-1566.61	1470.08

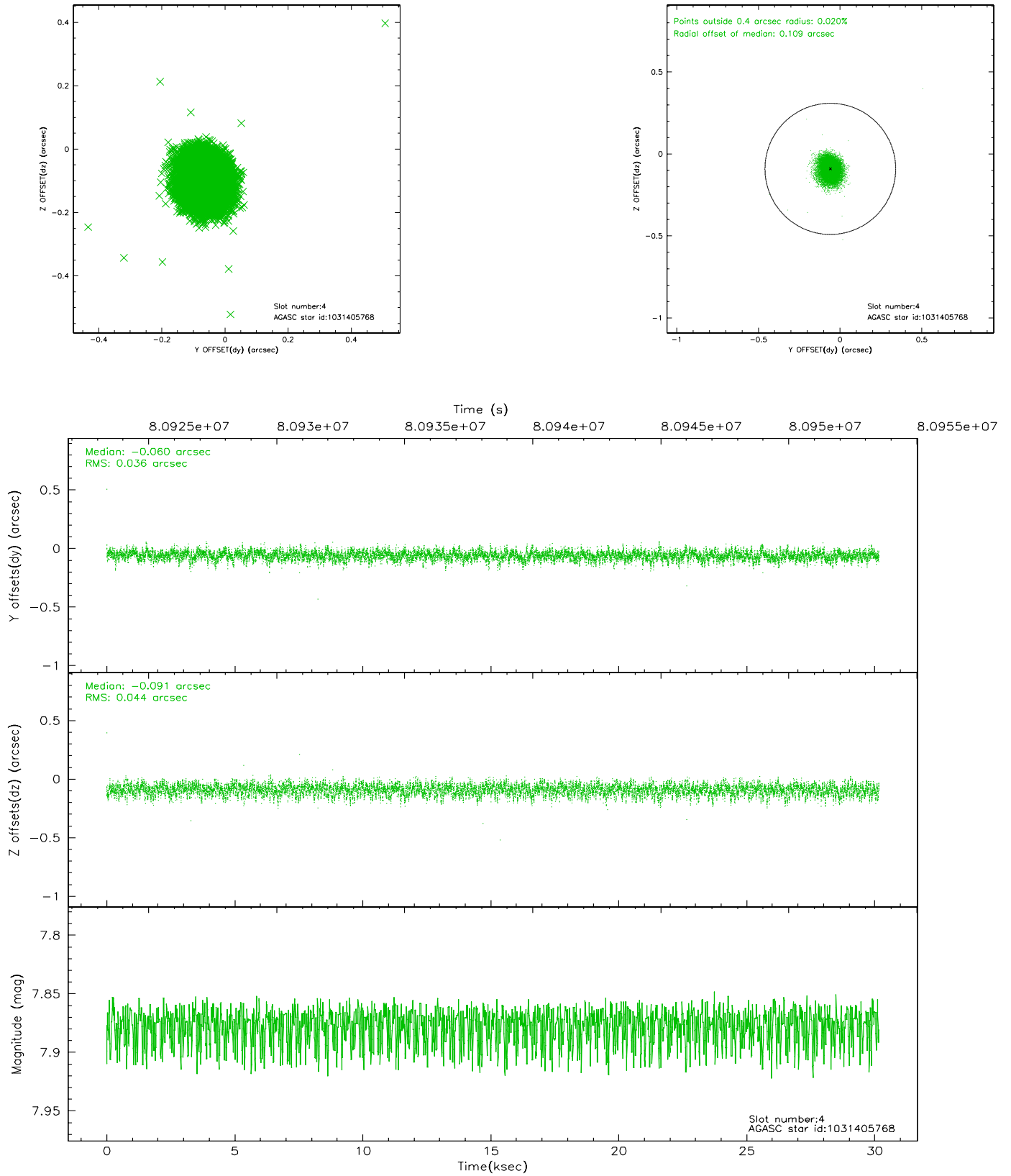


## 2.4 Star Slots

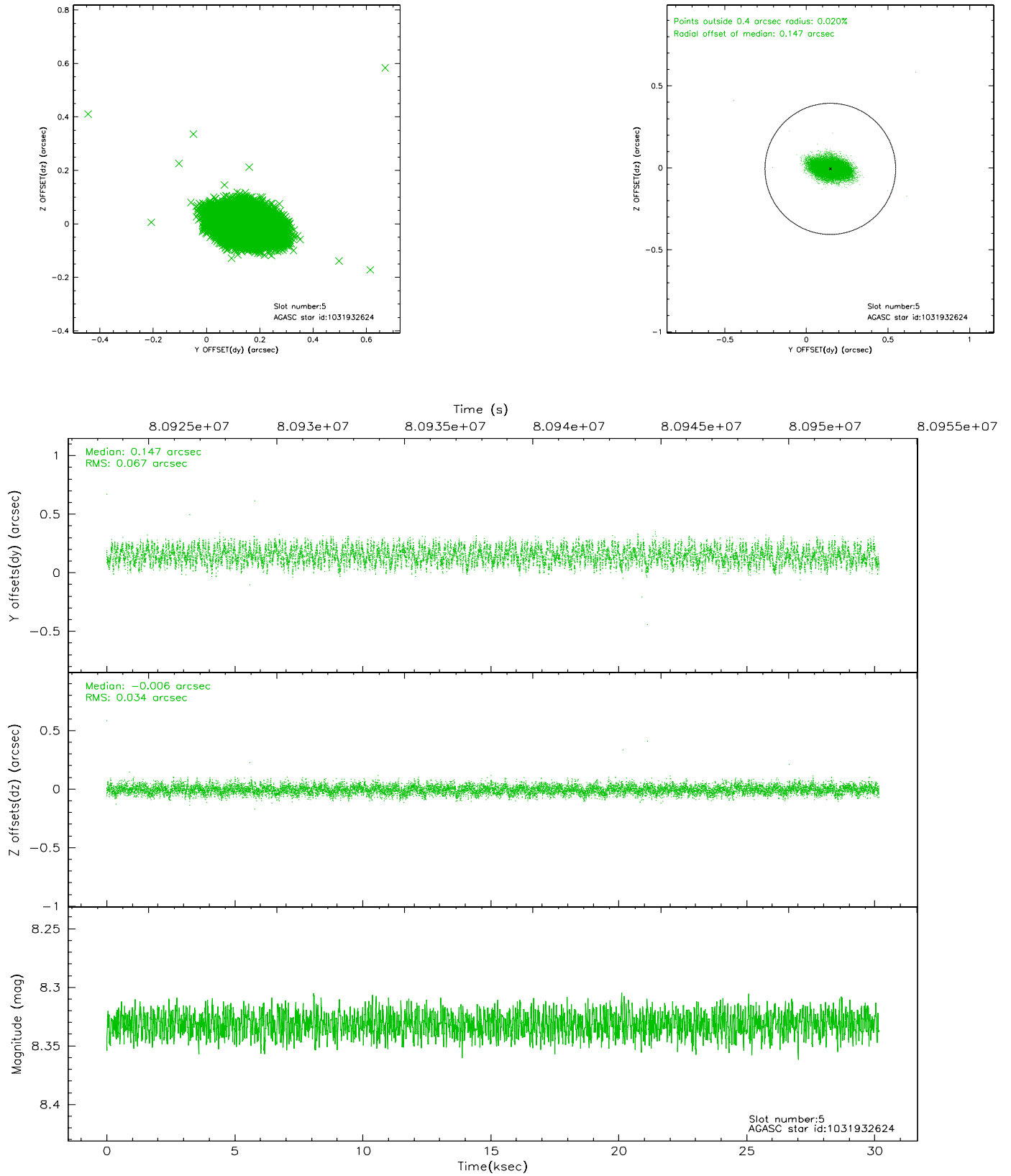
### 2.4.1 Slot 3



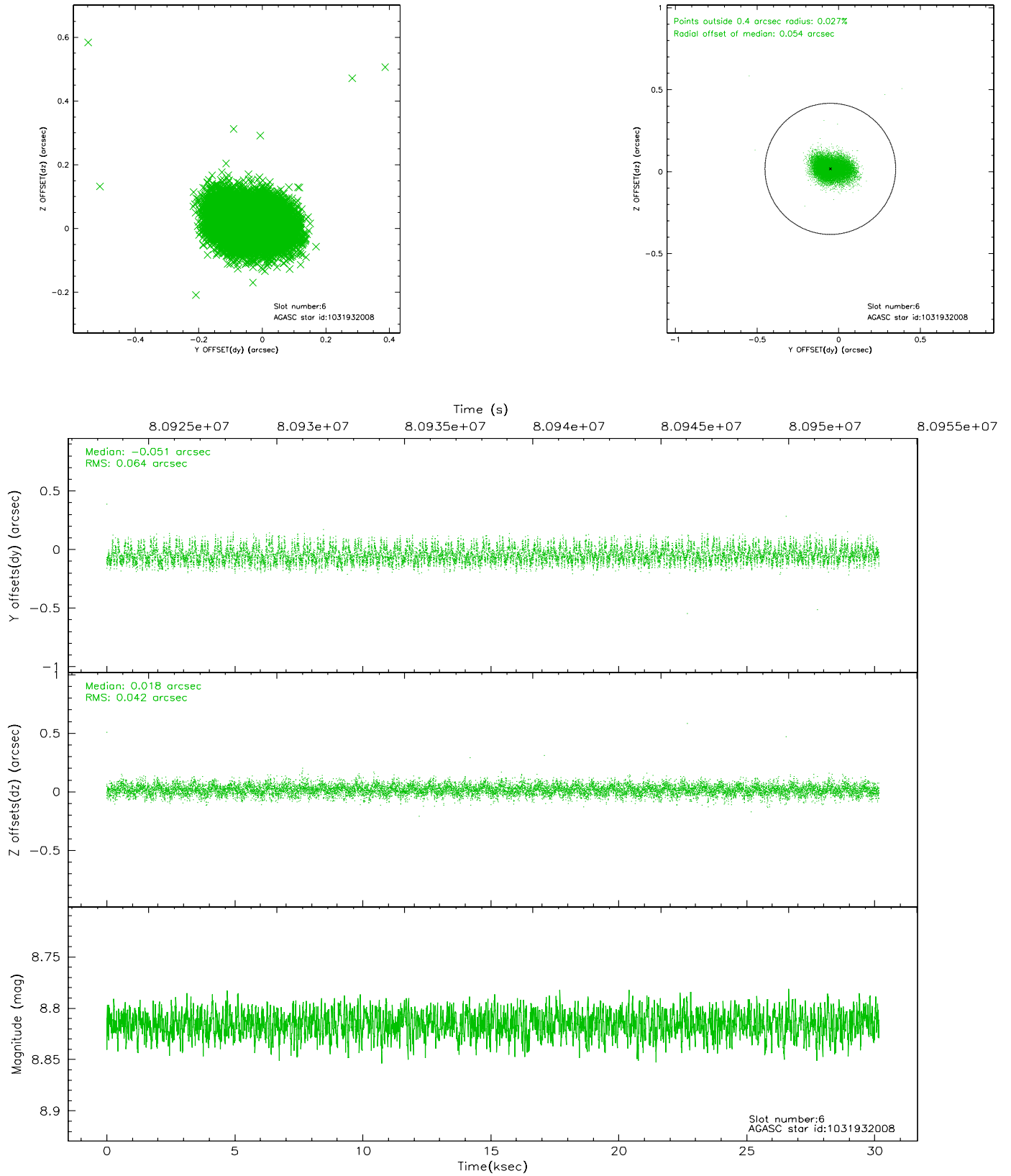
## 2.4.2 Slot 4



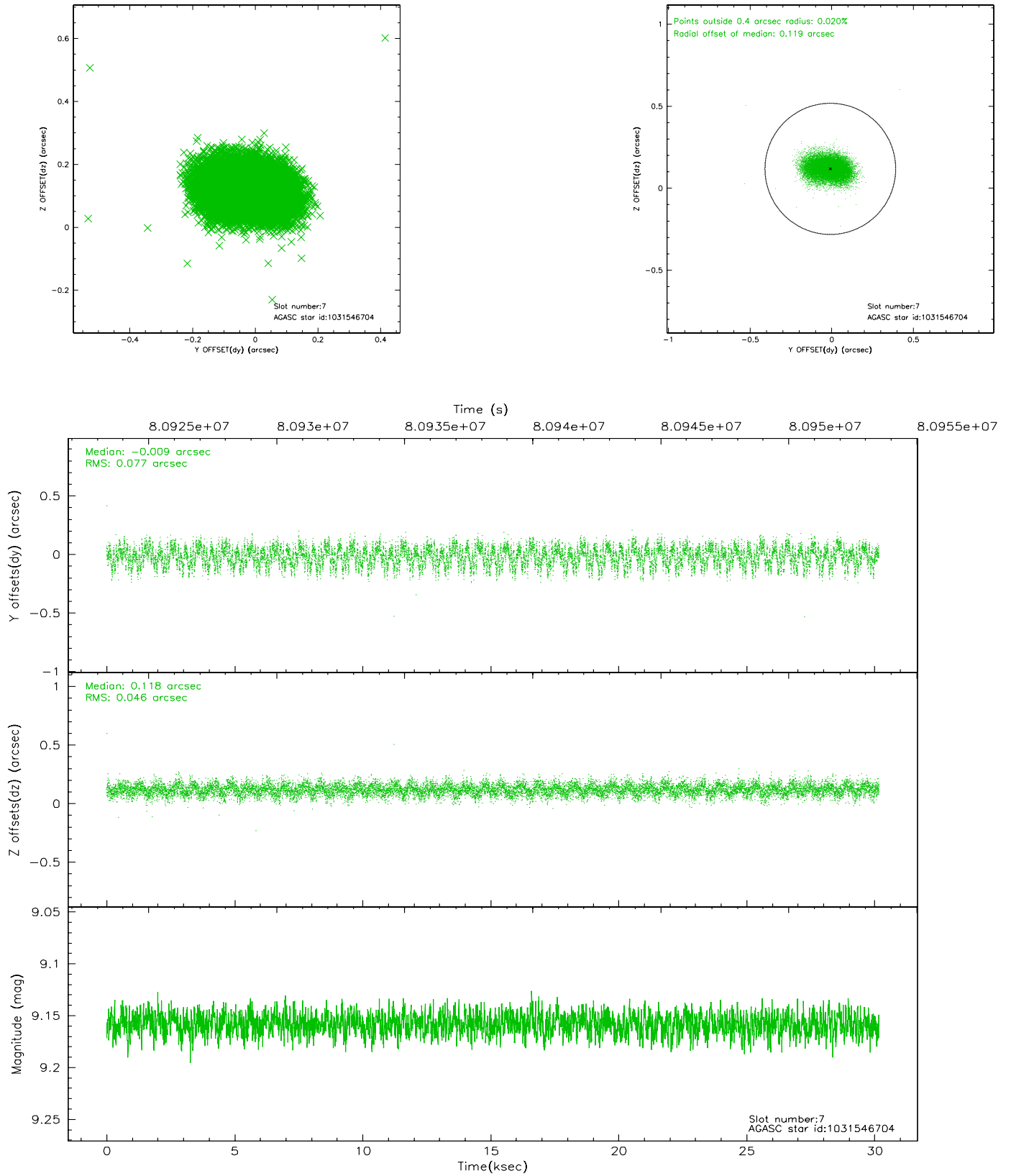
### 2.4.3 Slot 5



## 2.4.4 Slot 6

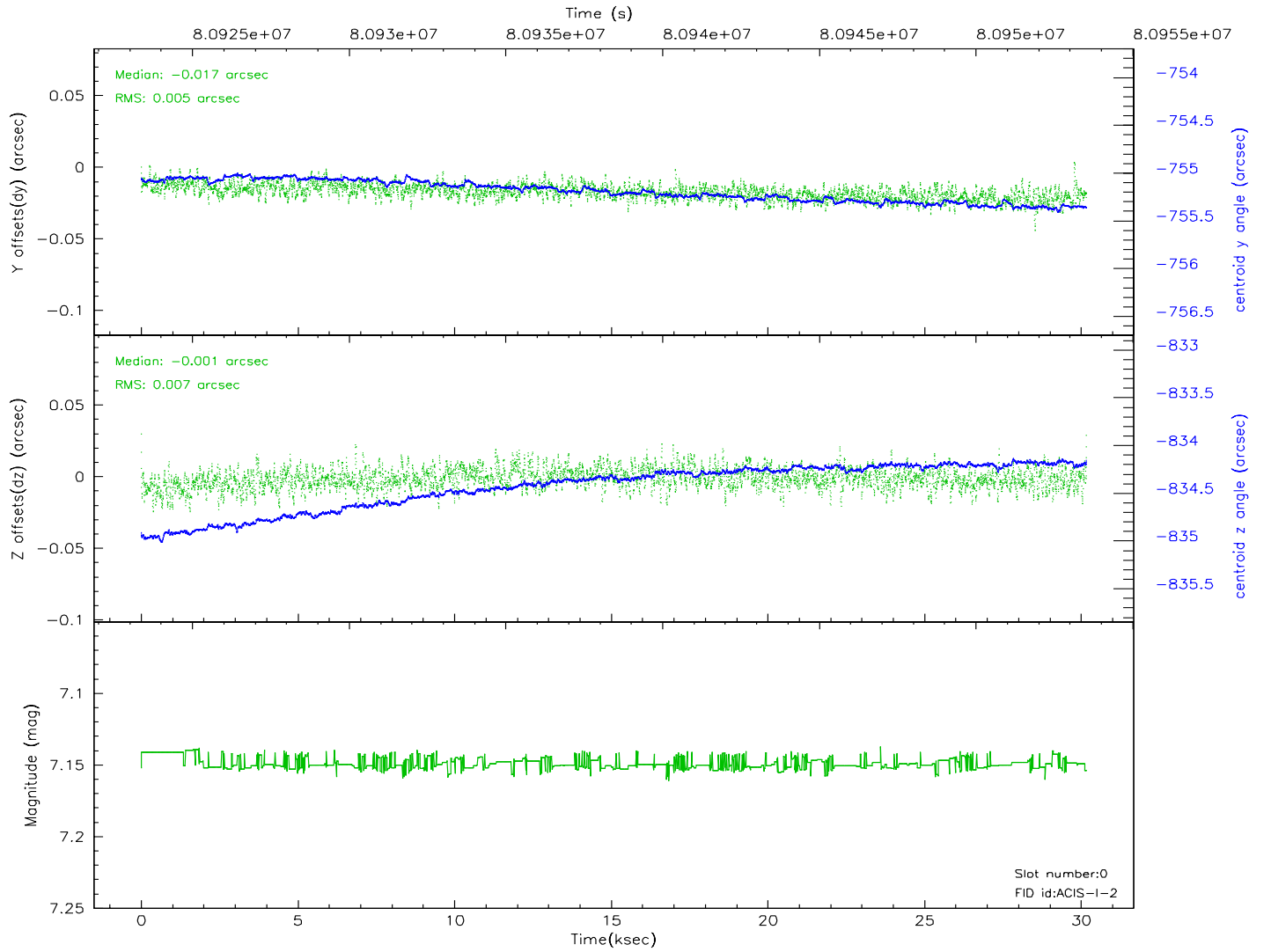
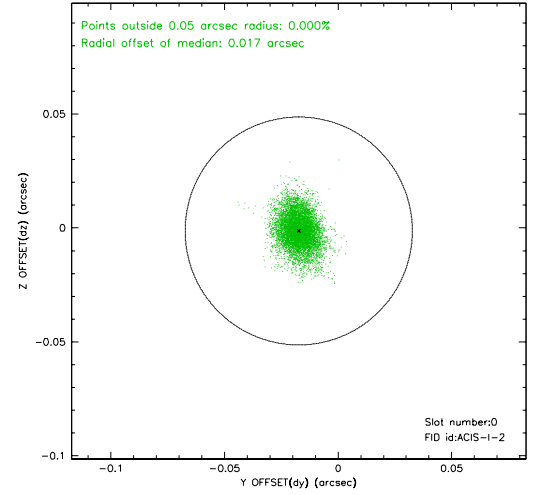
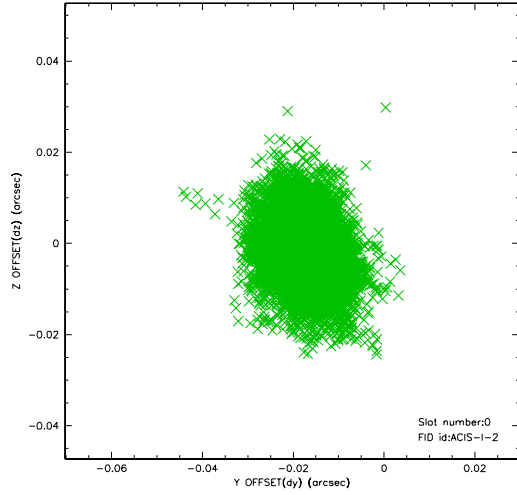


## 2.4.5 Slot 7

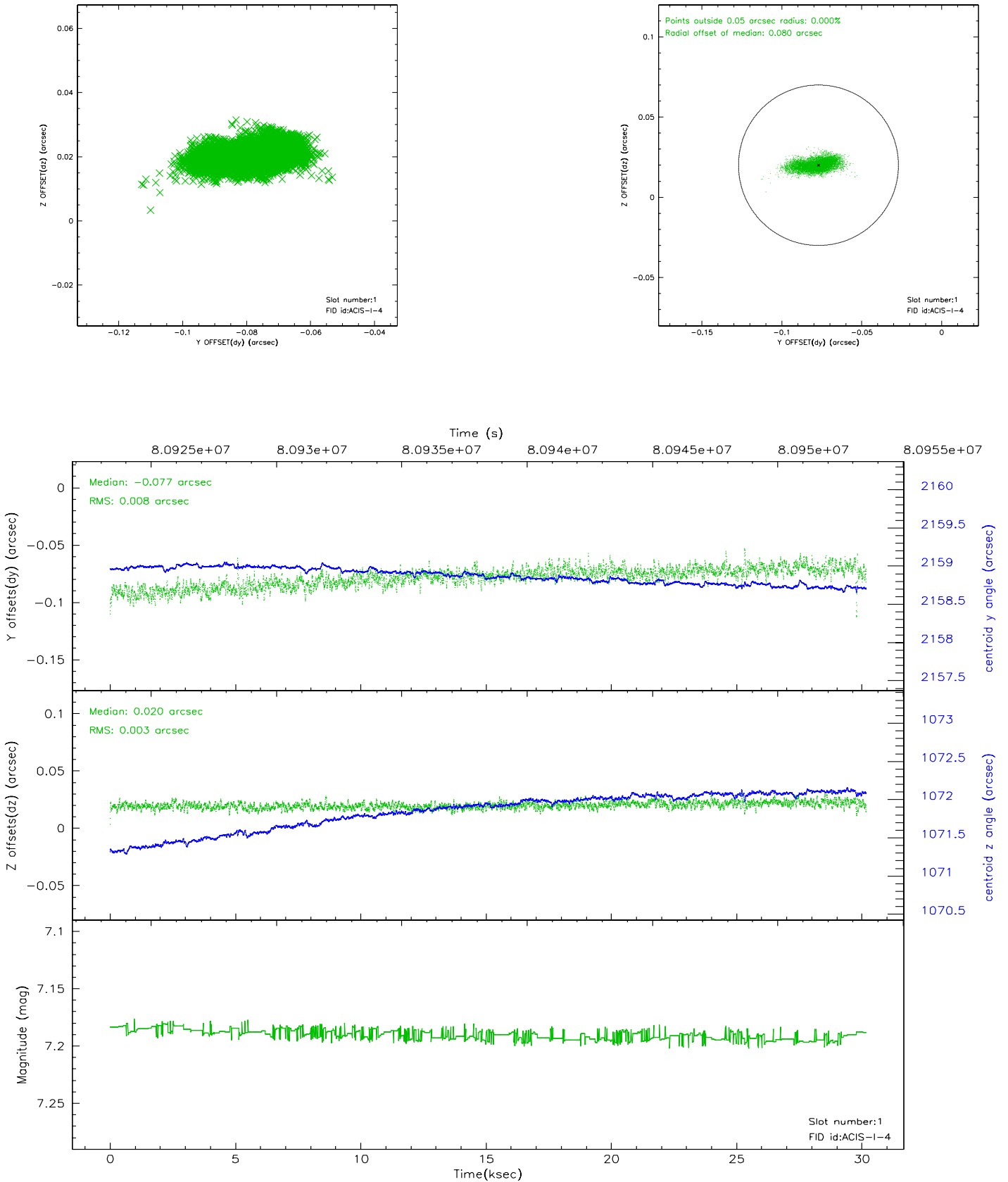


## 2.5 FID Slots

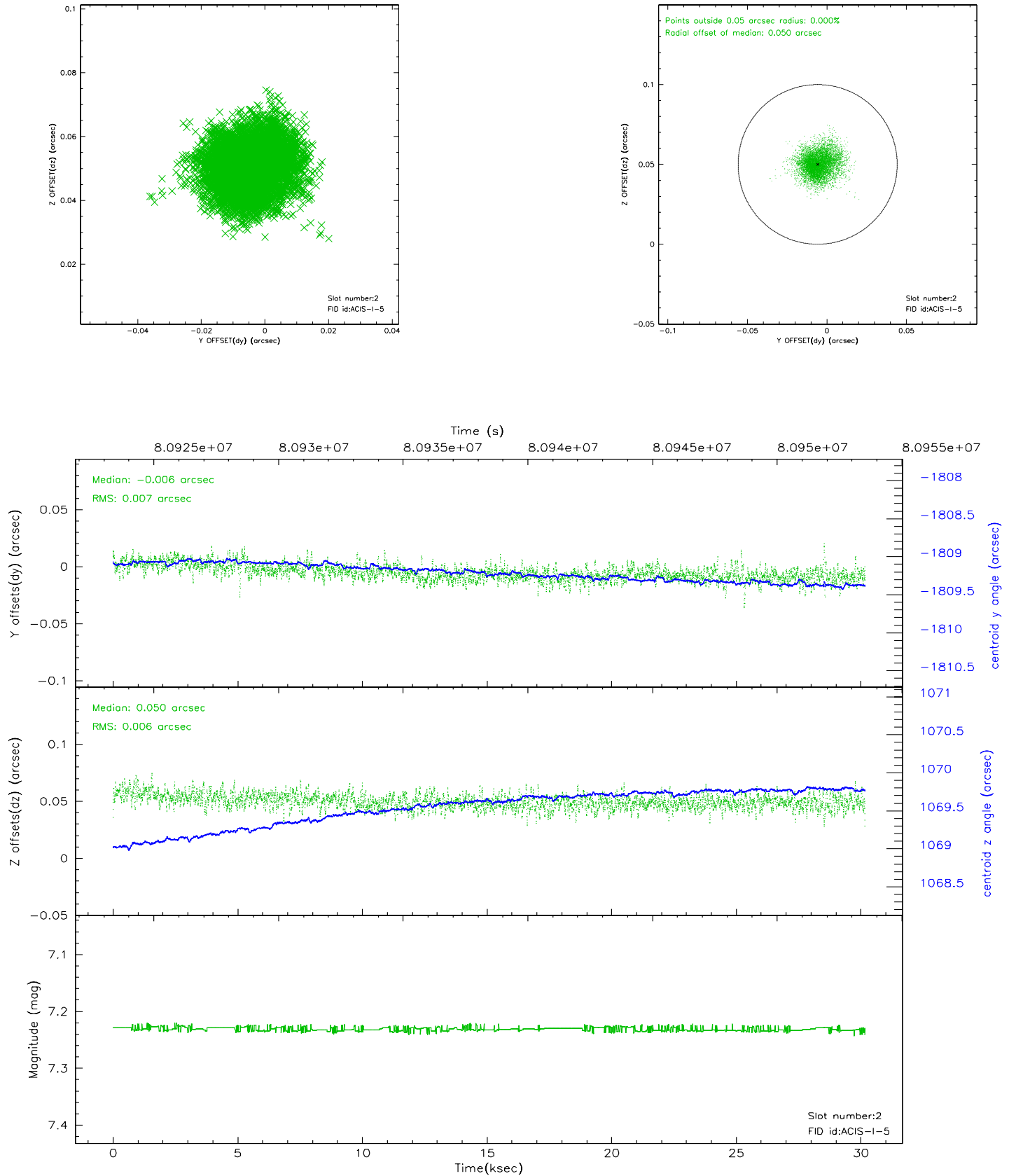
### 2.5.1 Slot 0



## 2.5.2 Slot 1

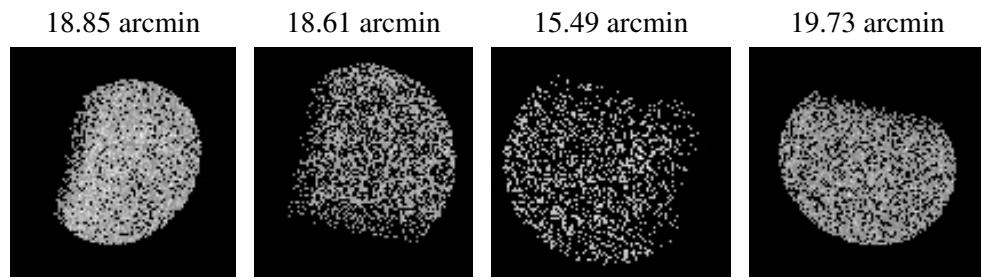


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.009

### A.2 Comments