

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 2542 - L2 Version 001  
Chandra X-Ray Center

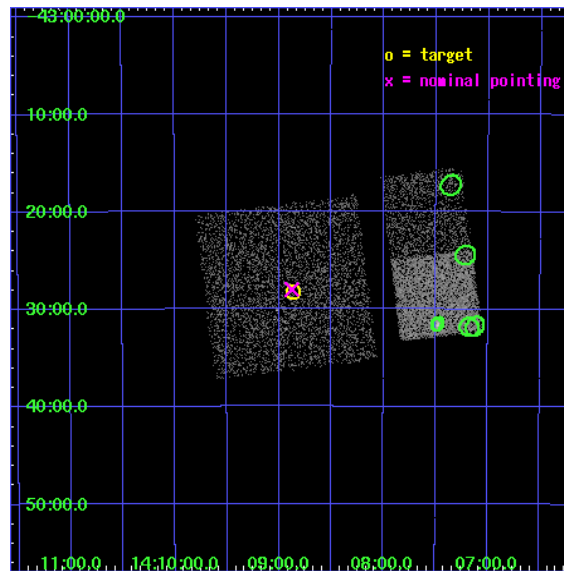
L2 Processing Date : Aug 25 2006

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# 1 Front

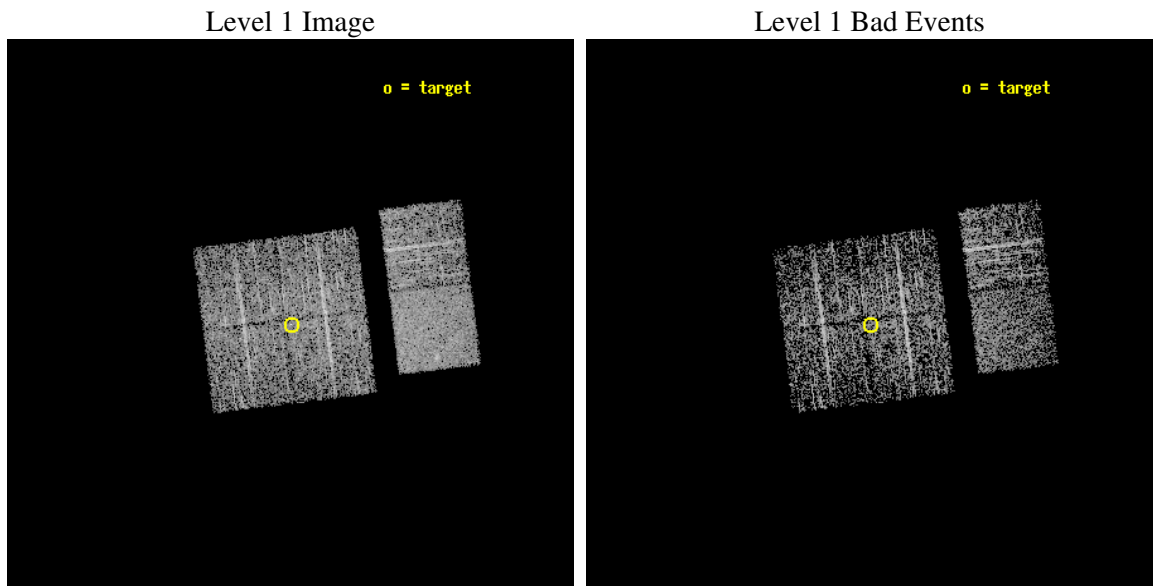
seq_num	200150
obs_id	2542
title	ON THE ORIGIN OF THE X-RAY EMISSION IN LATE B-TYPE STARS
observer	Dr. Nuria Huelamo
object	HD123445
dtcycle	0
cycle	P
ra_targ	212.21625
dec_targ	-43.470778
ra_nom	212.21945390019
dec_nom	-43.46676956329
roll_nom	82.927426086005
revision	2
ontime	2262.400002107
livetime	2233.7521310266
ontime0	2262.400002107
ontime1	2262.400002107
ontime2	2262.400002107
ontime3	2262.400002107
ontime6	2262.400002107
ontime7	2262.400002107
l2events	15206



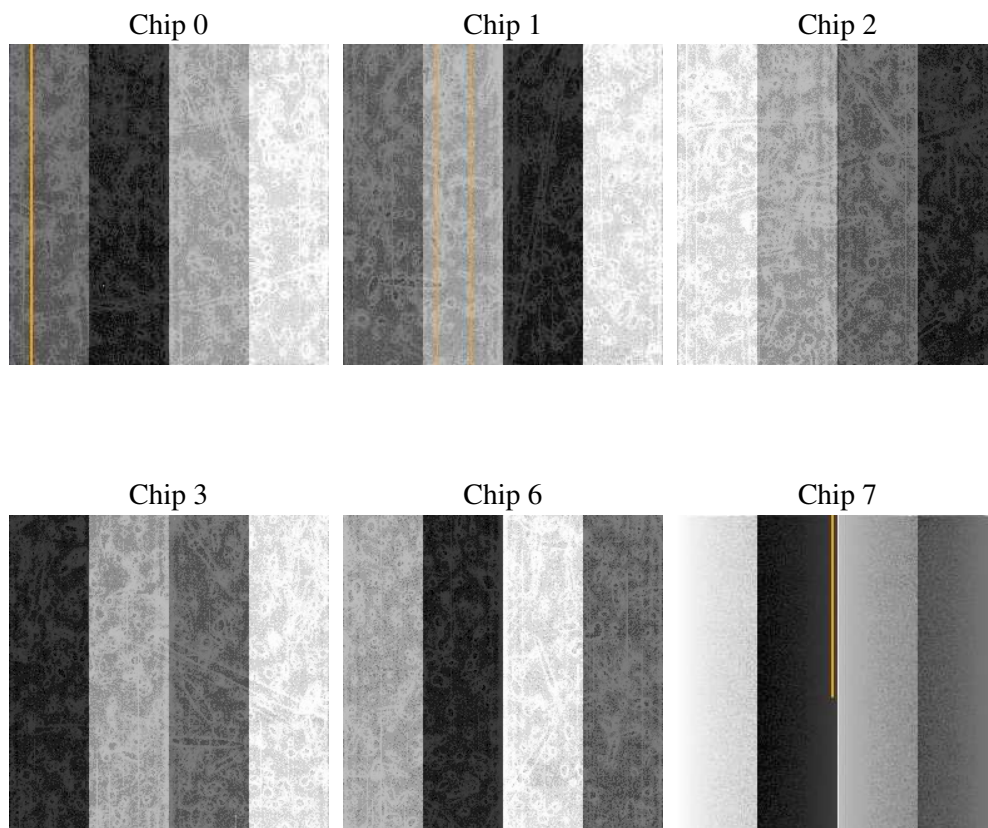
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-25T21:33:35
revision	2

sched_exp_time	2300.000000
ontime	2268.6983713806
ontime0	2268.6983713806
ontime1	2268.6983713806
ontime2	2268.6983713806
ontime3	2268.6983713806
ontime6	2268.6983713806
ontime7	2268.6983713806
l1events	89081

### 2.1.4 Events

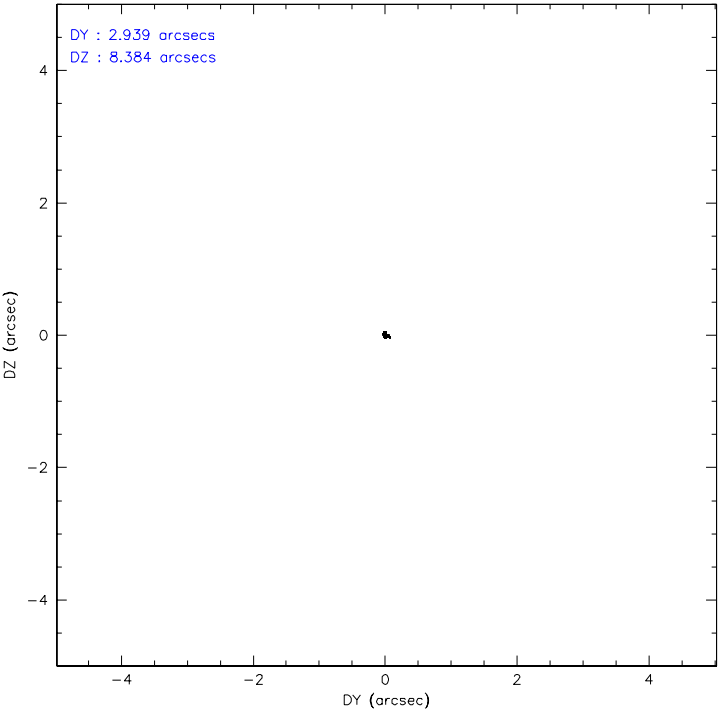
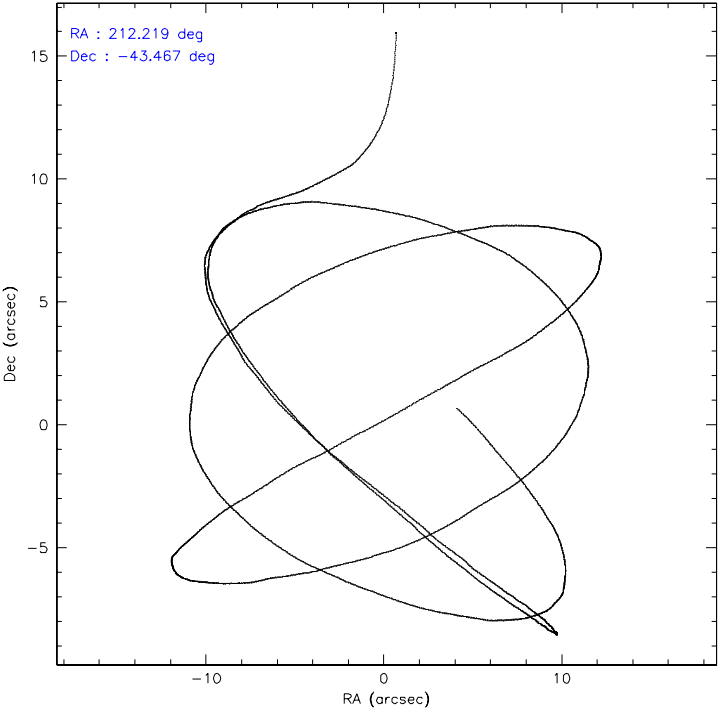
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	12919	12684	14984	14284	15331	18879
rejected events	11035	10812	13058	12457	13487	11396
rejected %	85%	85%	87%	87%	87%	60%

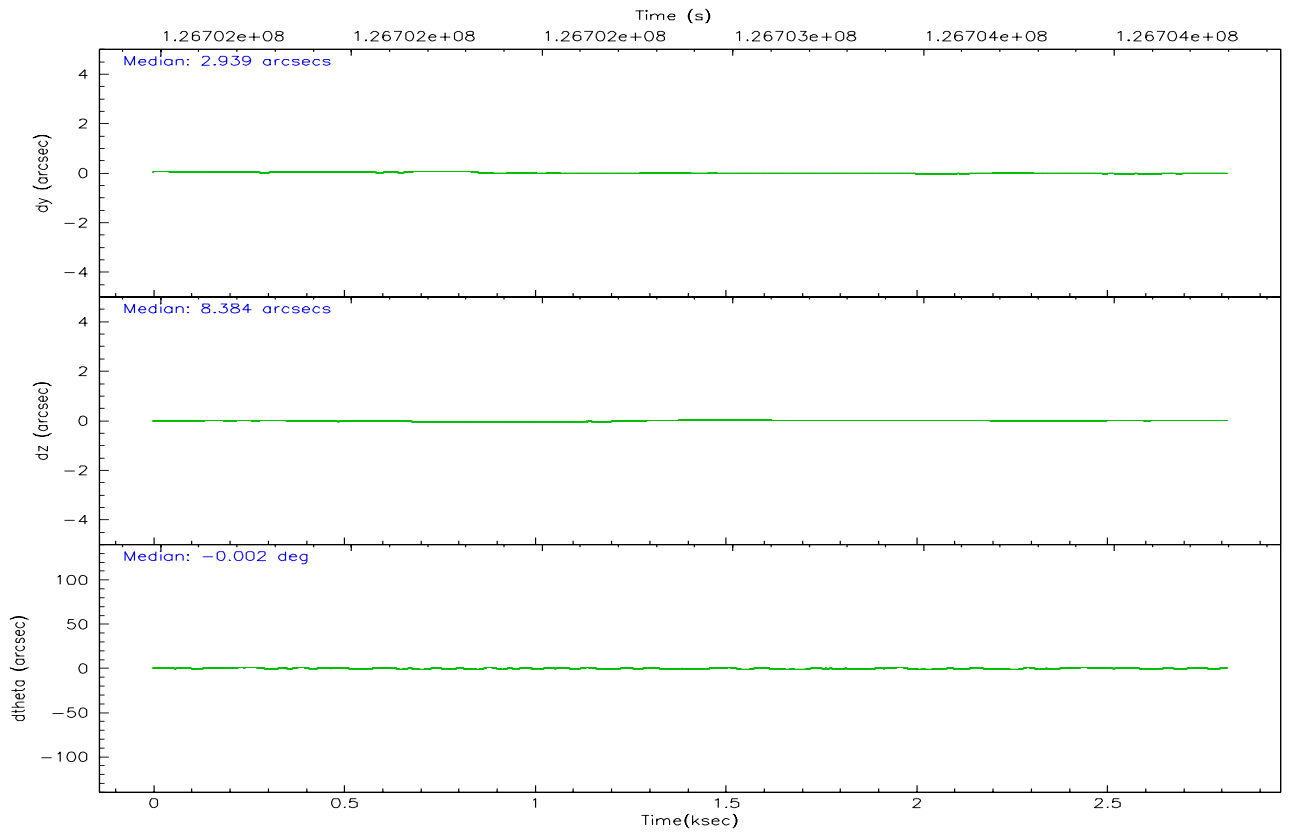
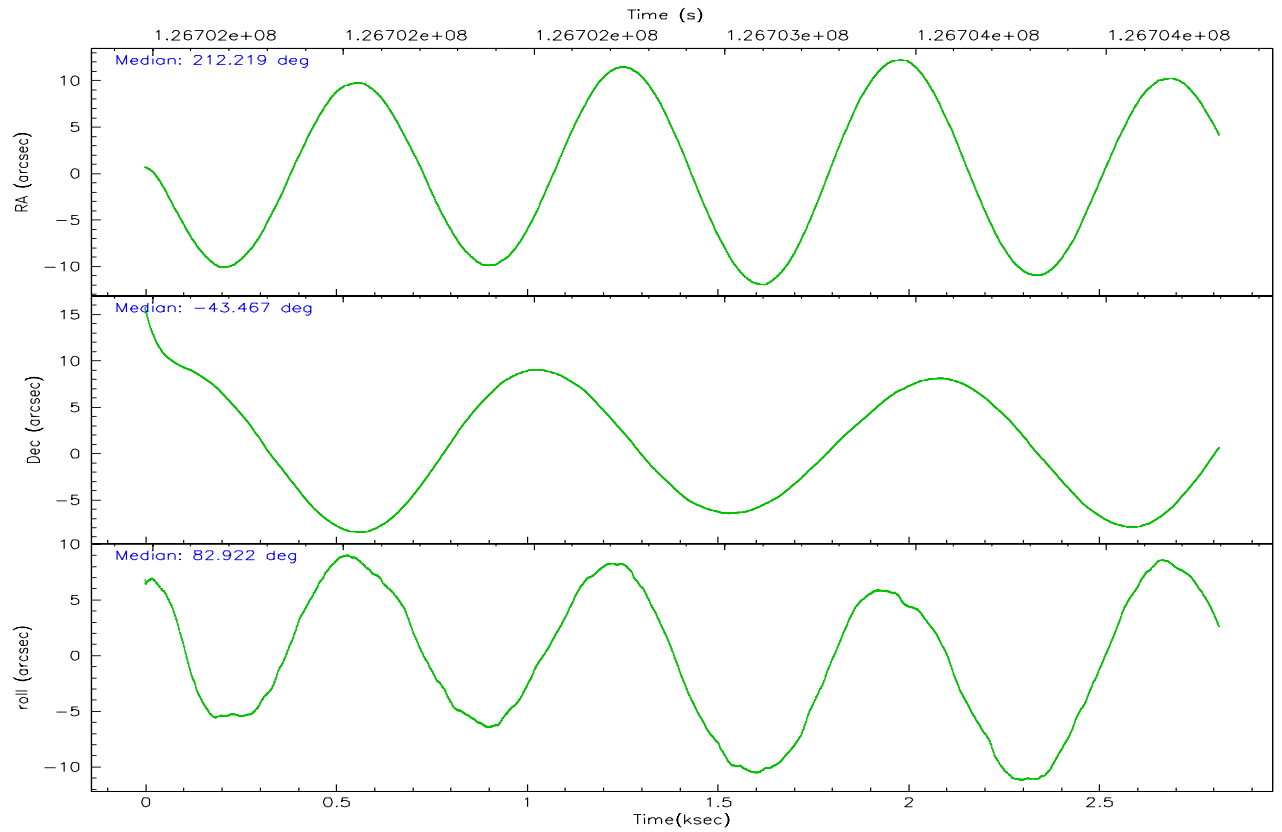
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	841	771	826	844	763	632
	6%	6%	5%	5%	4%	3%
grade 1 events	11	8	5	7	2	15
	0%	0%	0%	0%	0%	0%
grade 2 events	425	421	450	375	420	1945
	3%	3%	3%	2%	2%	10%
grade 3 events	164	179	141	156	169	384
	1%	1%	0%	1%	1%	2%
grade 4 events	169	170	171	155	148	444
	1%	1%	1%	1%	0%	2%
grade 5 events	520	560	461	554	590	1281
	4%	4%	3%	3%	3%	6%
grade 6 events	292	339	342	301	346	4100
	2%	2%	2%	2%	2%	21%
grade 7 events	10497	10236	12588	11892	12893	10078
	81%	80%	84%	83%	84%	53%

## 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	212.234286	212.2194539001935	Alternating exposures requested	N	N
Pointing Dec	-43.491936	-43.46676956328995	Primary exposure time	0.000000	3.2
Pointing Roll	82.728955	82.92742608600514			
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	126701994.184000	126700854.15575			
Observation start date	2002-01-06T10:58:50	2002-01-06T10:40:54			
Observation end time	126704294.184000	126705107.39342			
Observation end date	2002-01-06T11:37:10	2002-01-06T11:51:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect





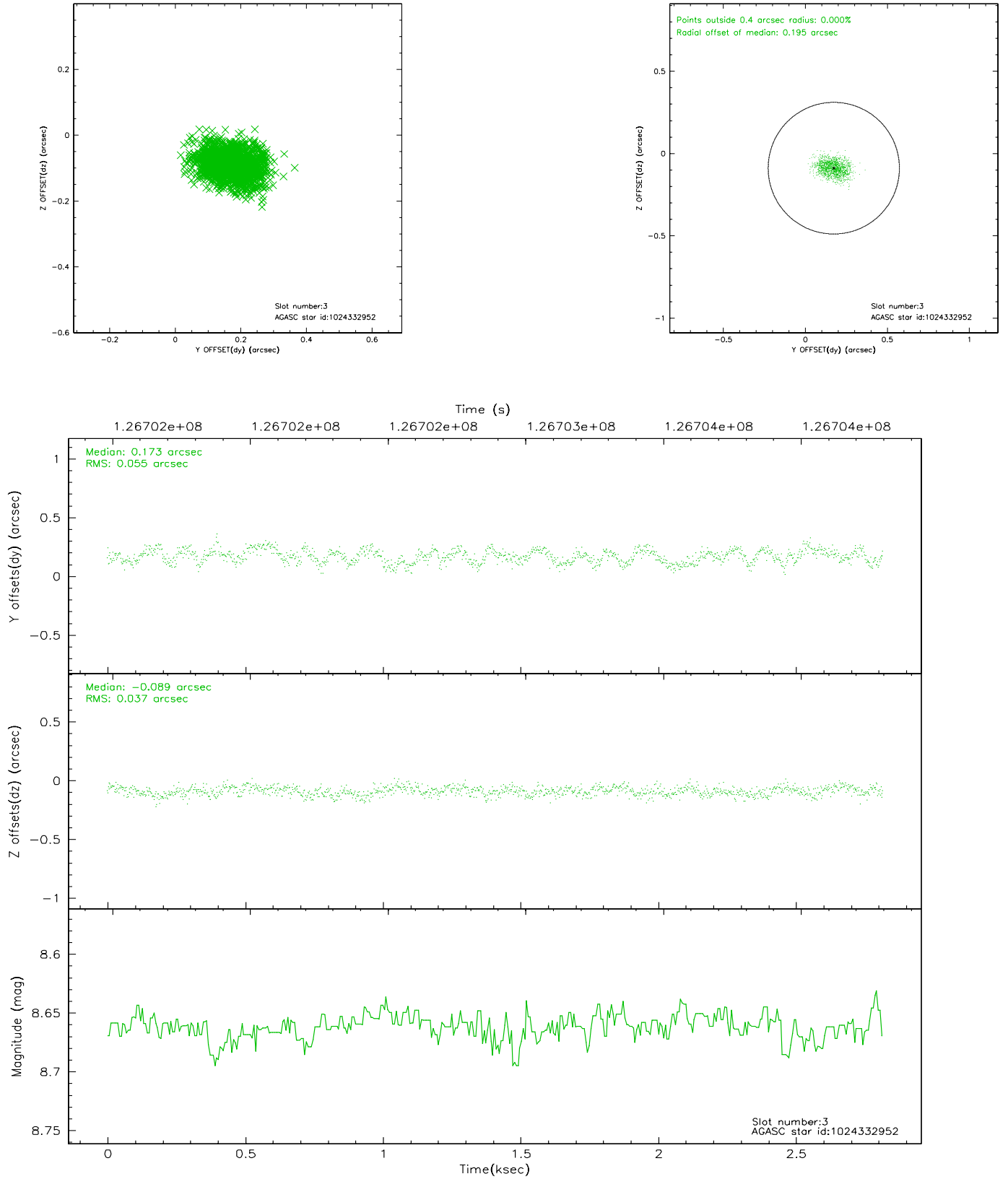
### Slot Statistics

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	687	-0.048	0.094	0.006	0.011	0.000000	0.000000	936.79	-831.72
1	FID	ACIS-I-5	7.24	687	-0.010	0.027	0.006	0.011	0.000000	0.000000	-1809.99	1064.58
2	FID	ACIS-I-6	7.26	687	-0.033	-0.051	0.006	0.011	0.000000	0.000000	399.90	1711.58
3	GUIDE	1024332952	8.66	1372	0.173	-0.089	0.072	0.112	211.978360	-43.993176	-1874.73	428.30
4	GUIDE	1023813648	8.51	1374	-0.239	-0.087	0.060	0.097	212.262640	-42.984832	1818.72	156.97
5	GUIDE	1024329408	9.66	1374	-0.163	-0.100	0.092	0.149	211.643889	-43.252679	654.06	1643.56
6	GUIDE	1024334328	9.32	1373	0.294	-0.063	0.076	0.125	211.871232	-43.943075	-1731.51	728.31
7	GUIDE	1024471160	9.35	1373	-0.062	0.340	0.094	0.153	213.115503	-43.510435	211.97	-2291.69

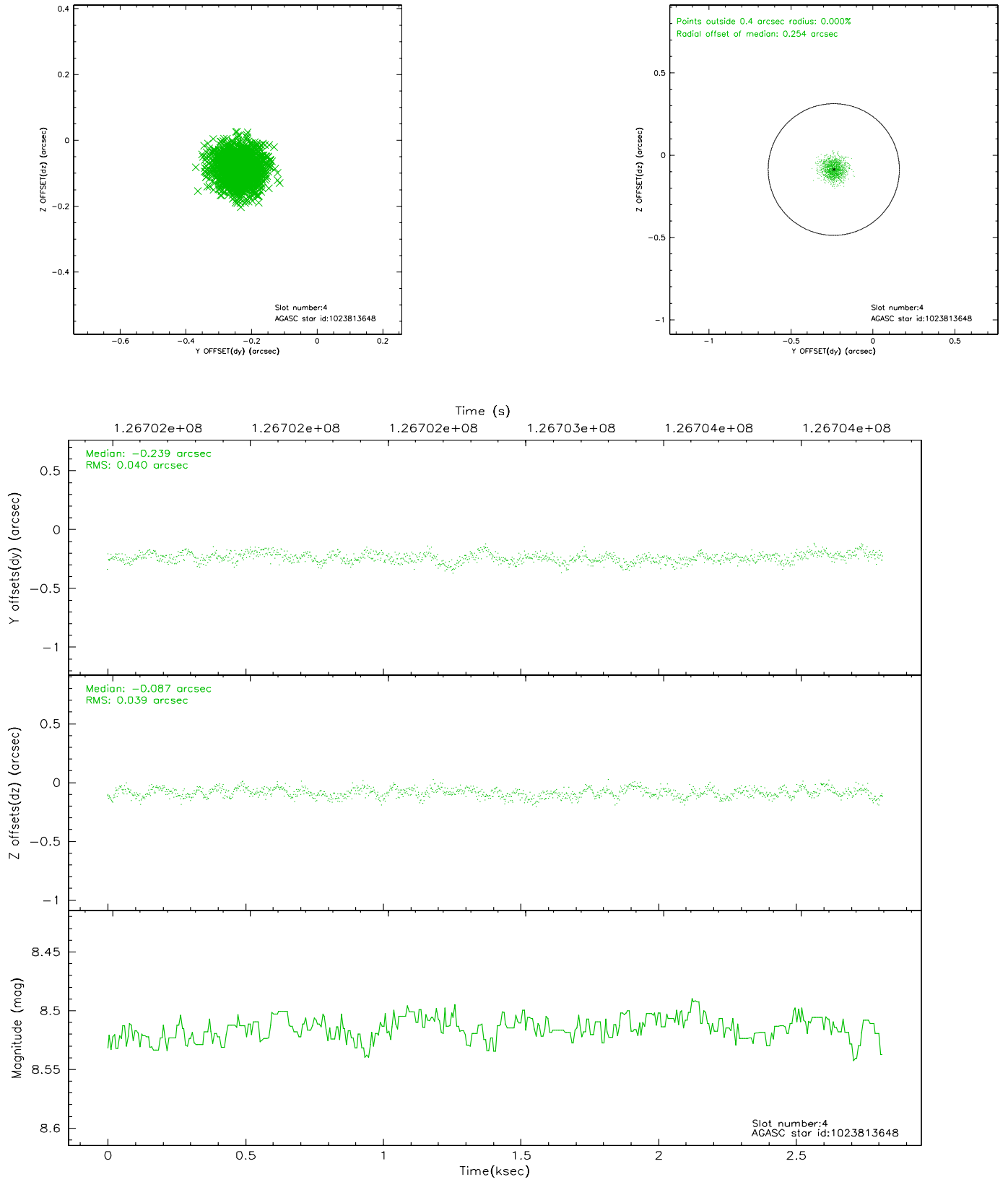


## 2.4 Star Slots

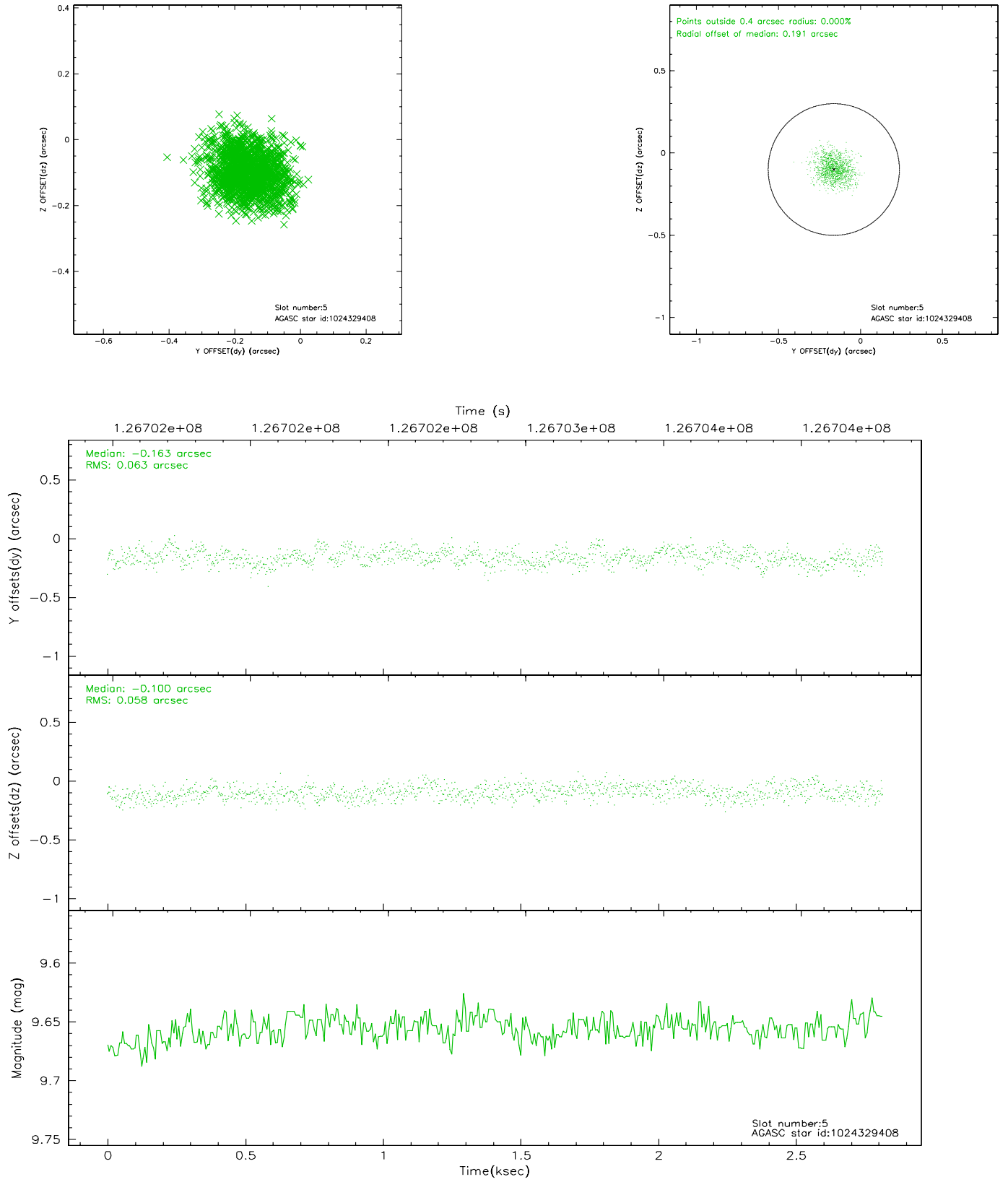
### 2.4.1 Slot 3



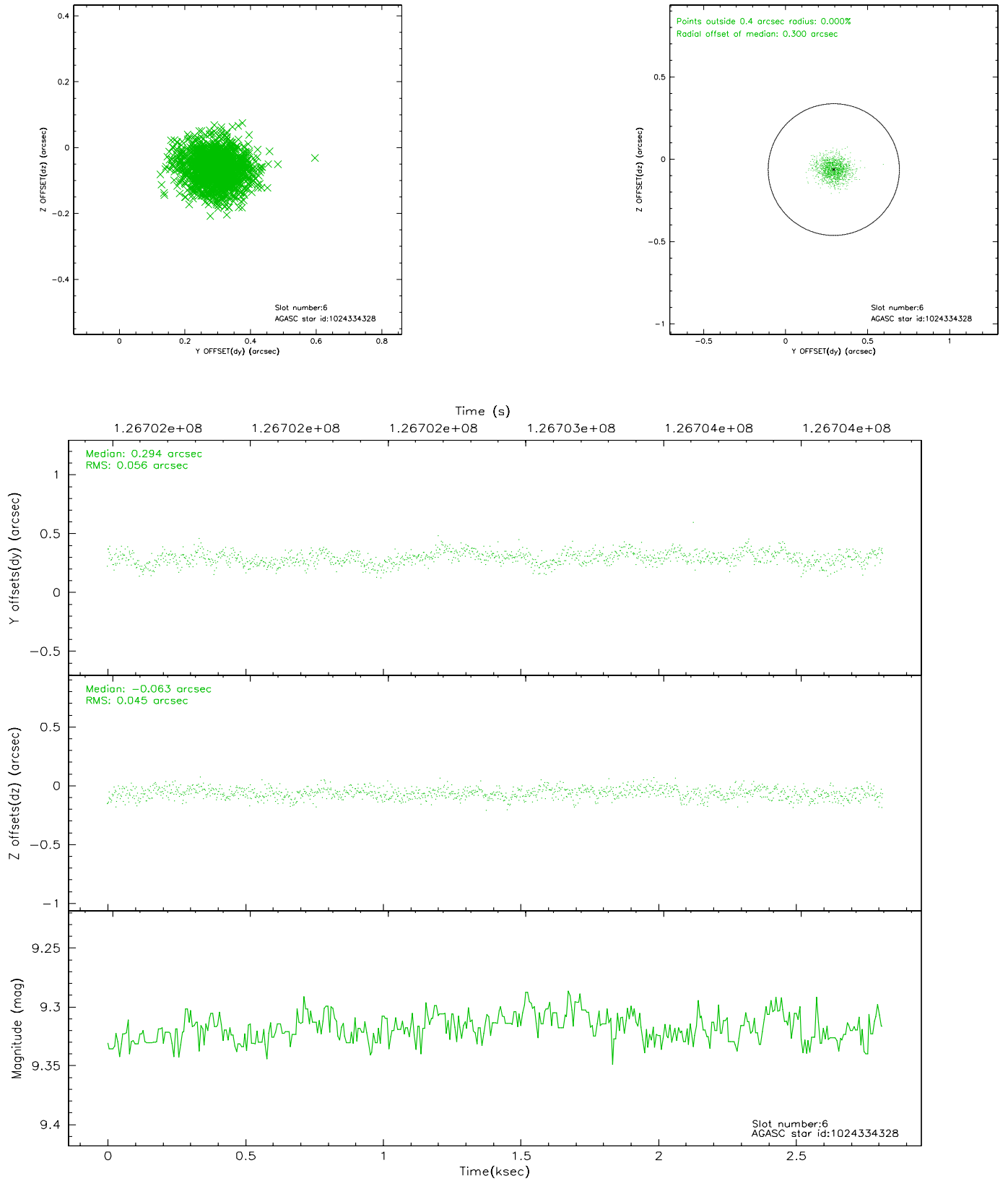
## 2.4.2 Slot 4



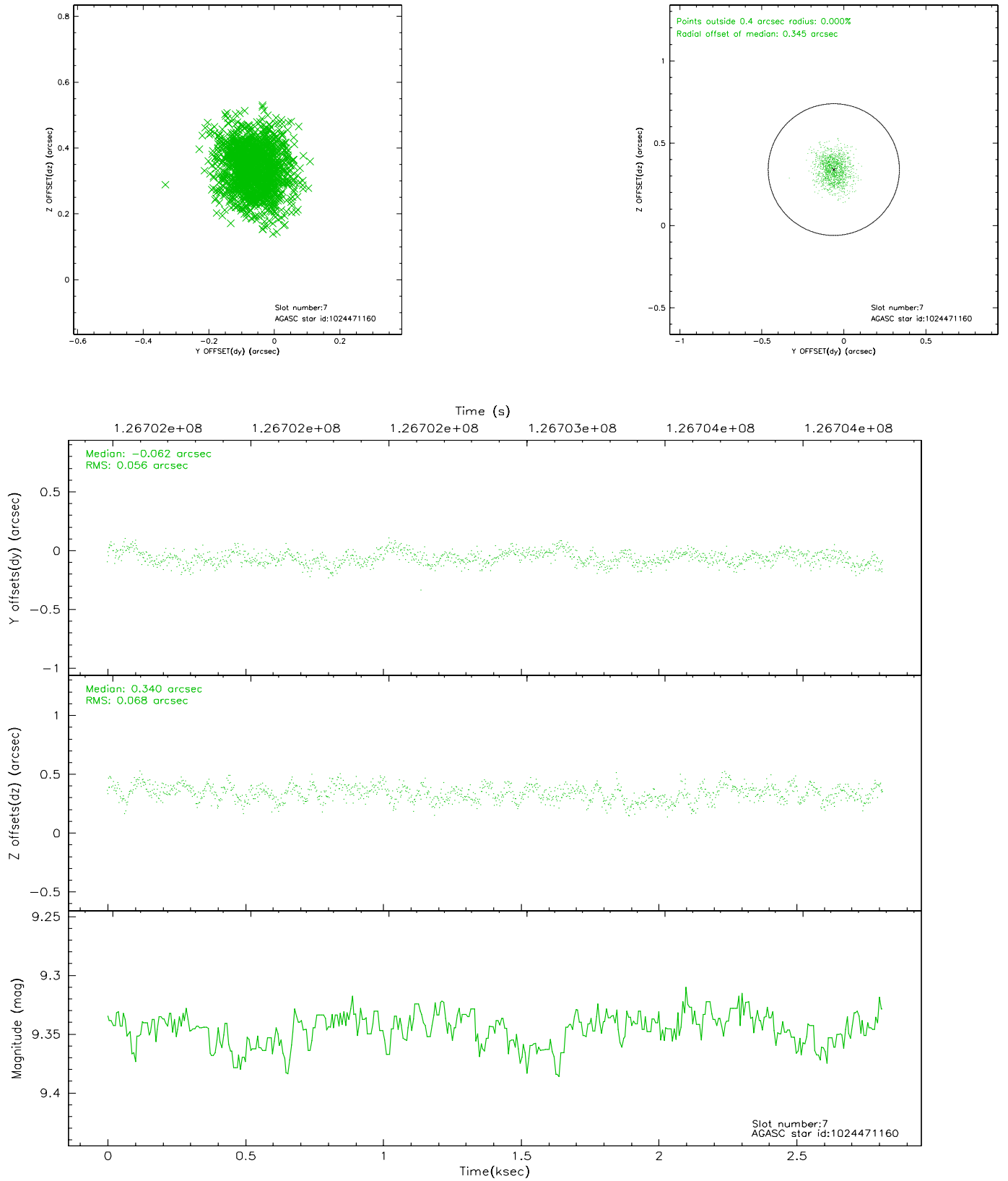
### 2.4.3 Slot 5



## 2.4.4 Slot 6

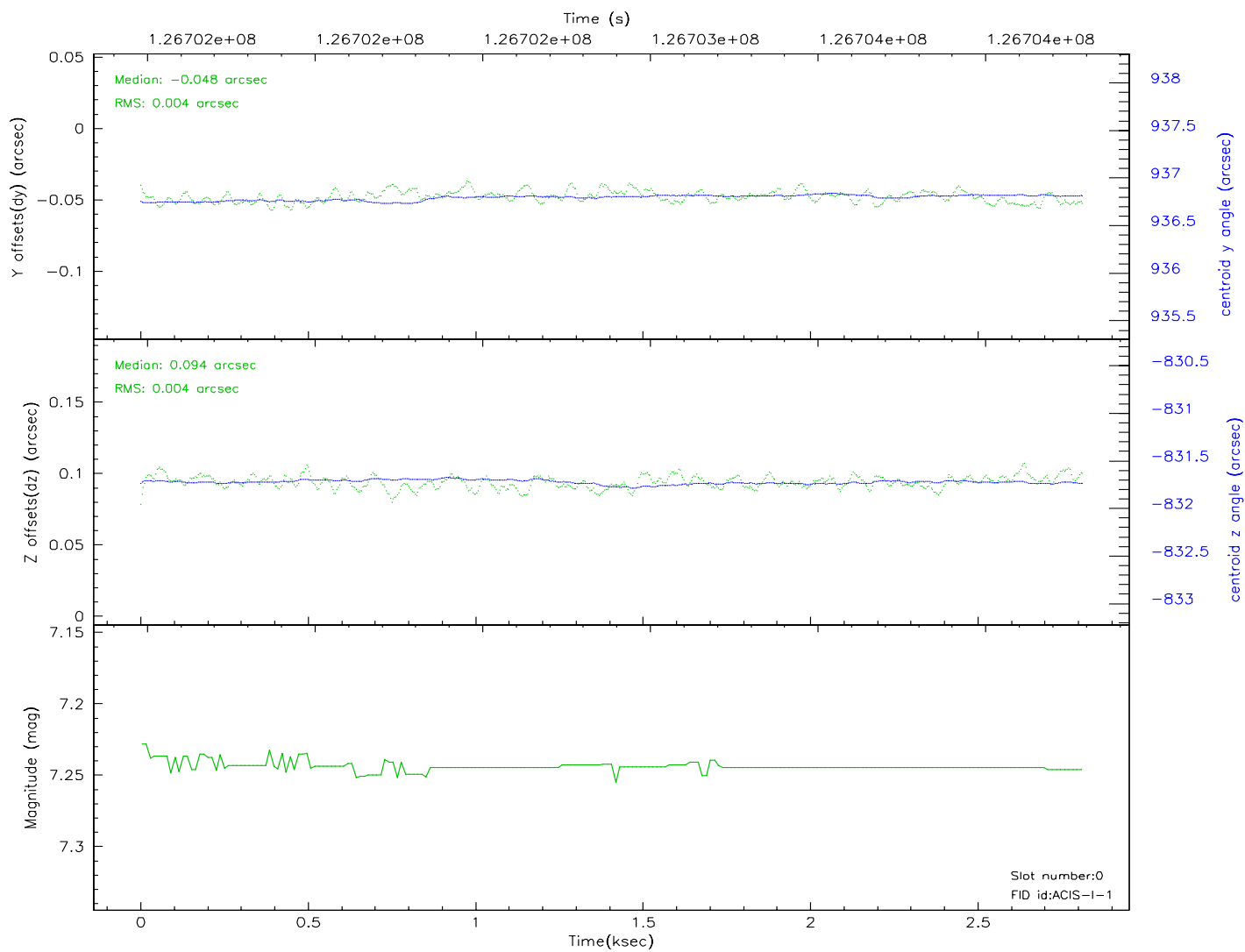
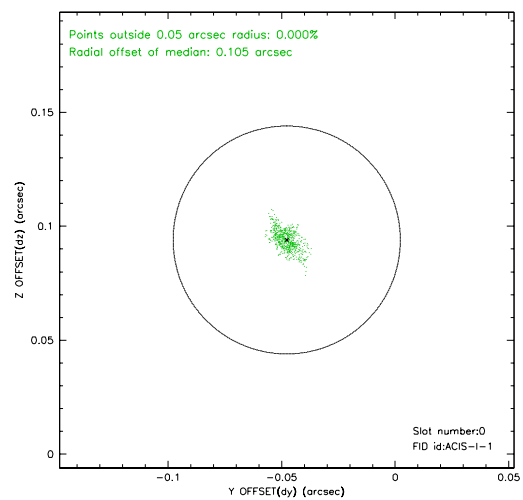
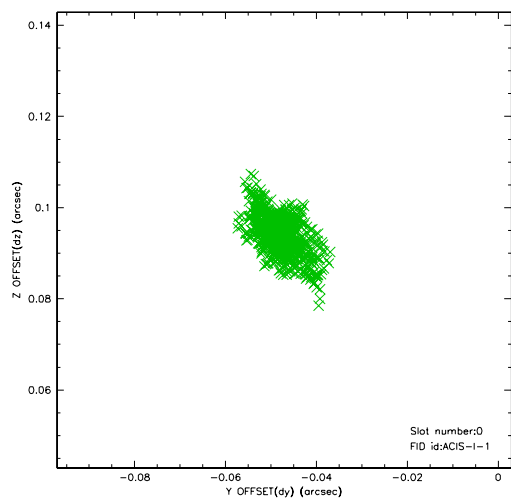


## 2.4.5 Slot 7

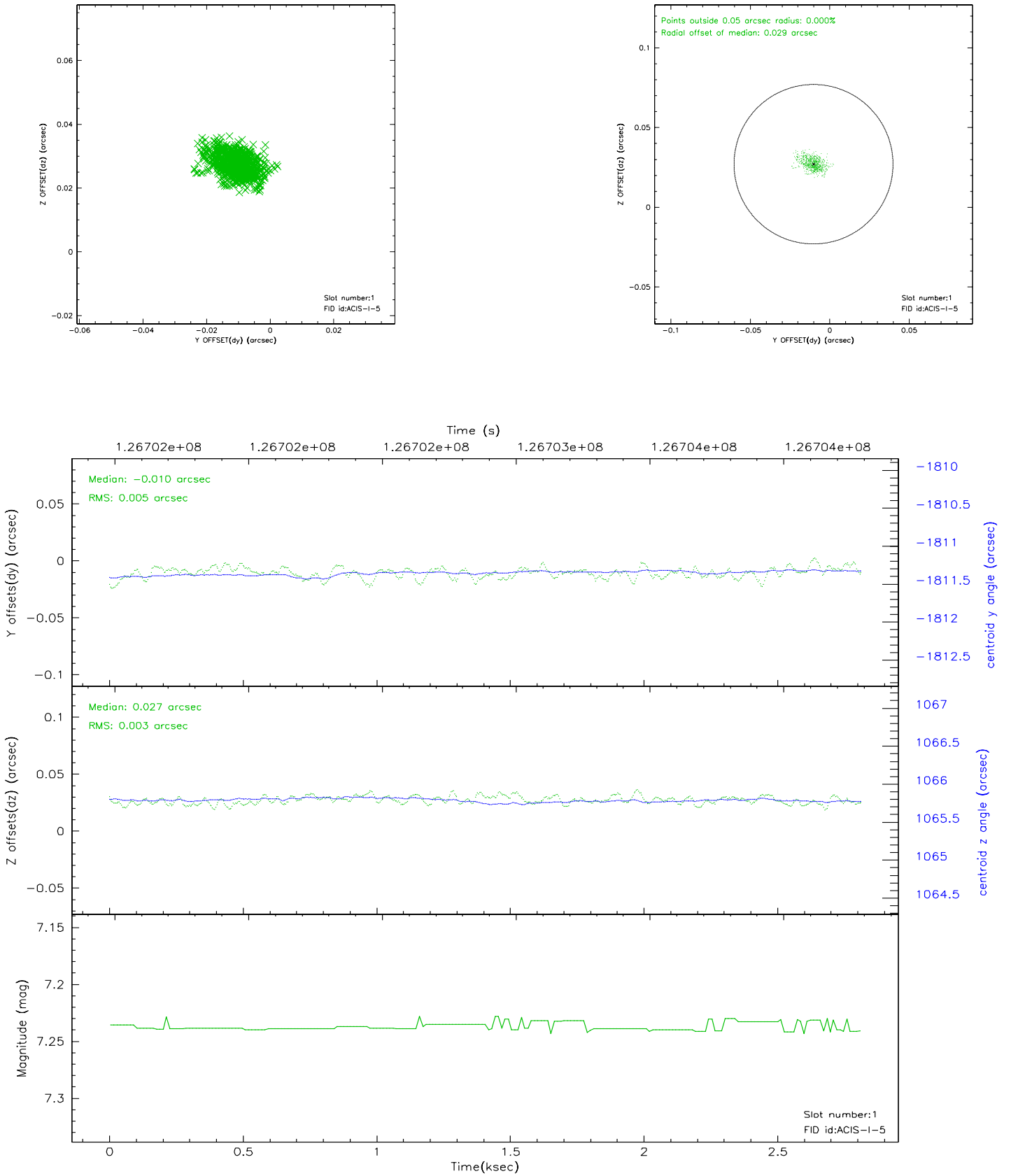


## 2.5 FID Slots

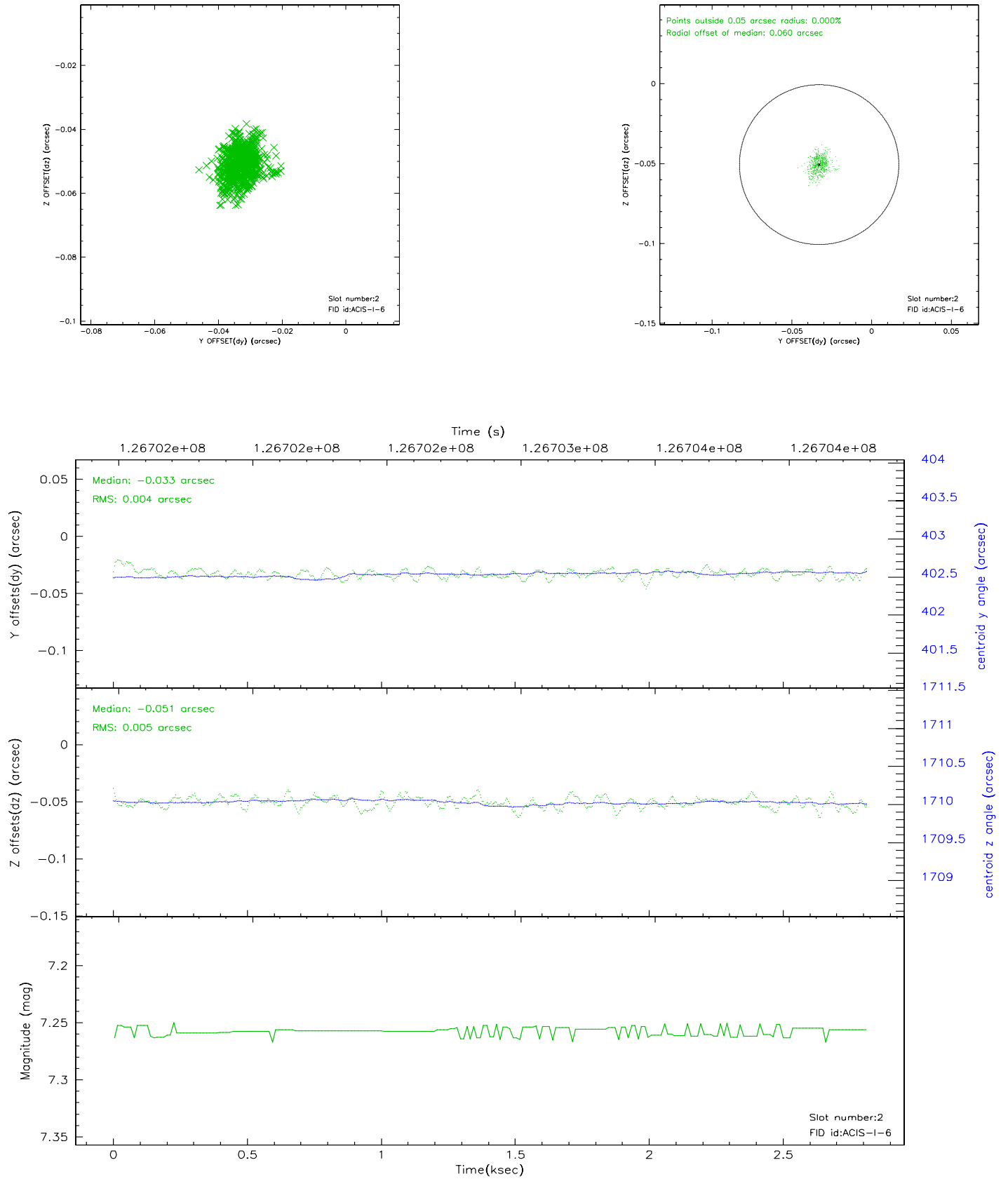
### 2.5.1 Slot 0



## 2.5.2 Slot 1

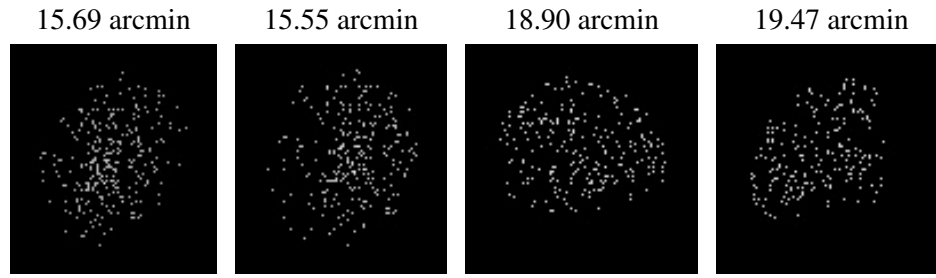


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.265

### A.2 Comments