

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3893 - L2 Version 001  
Chandra X-Ray Center

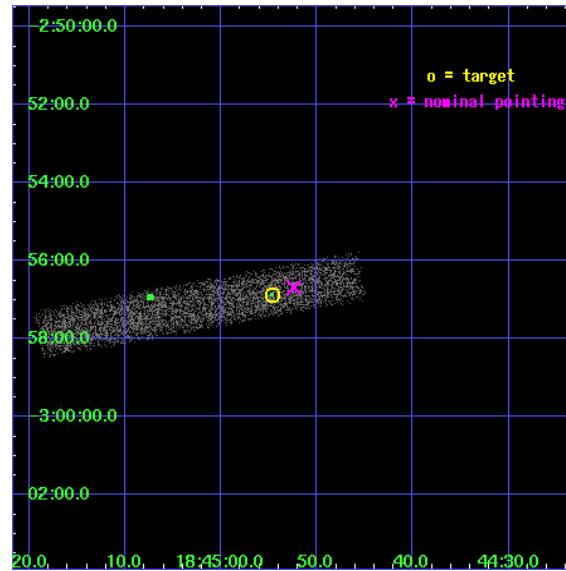
L2 Processing Date : Aug 10 2006

## Contents

<b>1</b>	<b>Front</b>	<b>2</b>
<b>2</b>	<b>OBI</b>	<b>3</b>
2.1	OBI . . . . .	3
2.1.1	Images . . . . .	3
2.1.2	Bias . . . . .	3
2.1.3	Parameters . . . . .	4
2.1.4	Events . . . . .	4
2.2	Compared Parameters . . . . .	5
2.3	Aspect . . . . .	6
2.4	Star Slots . . . . .	9
2.4.1	Slot 3 . . . . .	9
2.4.2	Slot 4 . . . . .	10
2.4.3	Slot 5 . . . . .	11
2.4.4	Slot 6 . . . . .	12
2.4.5	Slot 7 . . . . .	13
2.5	FID Slots . . . . .	14
2.5.1	Slot 0 . . . . .	14
2.5.2	Slot 1 . . . . .	15
2.5.3	Slot 2 . . . . .	16
<b>3</b>	<b>Point Sources</b>	<b>17</b>
<b>A</b>	<b>Summary</b>	<b>18</b>
A.1	Status . . . . .	18
A.2	Comments . . . . .	18

# 1 Front

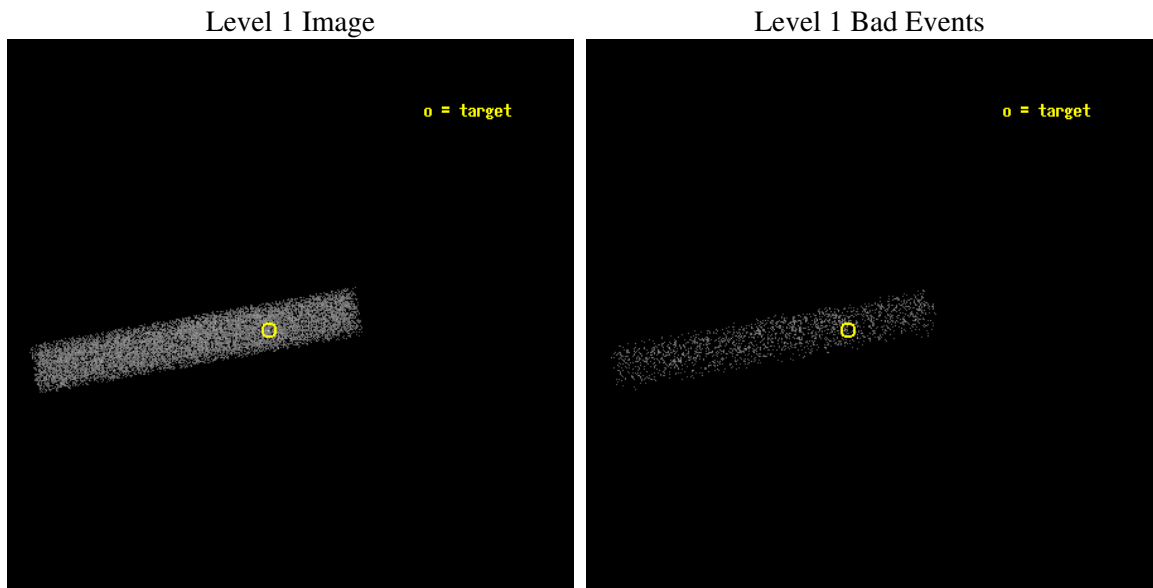
seq_num	500372
obs_id	3893
title	IS AX J1845-0258 AN ANOMALOUS X-RAY PULSAR?
observer	Professor Victoria Kaspi
object	AX J1845-0258
dtcycle	0
cycle	P
ra_targ	281.2275
dec_targ	-2.948056
ra_nom	281.21843460644
dec_nom	-2.9447097428928
roll_nom	169.88754844963
revision	2
ontime	12857.200191587
livetime	11660.801915098
ontime7	12857.200191587
l2events	6583



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-10T03:56:40
revision	2

sched_exp_time	12000.000000
ontime	12859.264337033
ontime7	12859.264337033
l1events	14484

### 2.1.4 Events

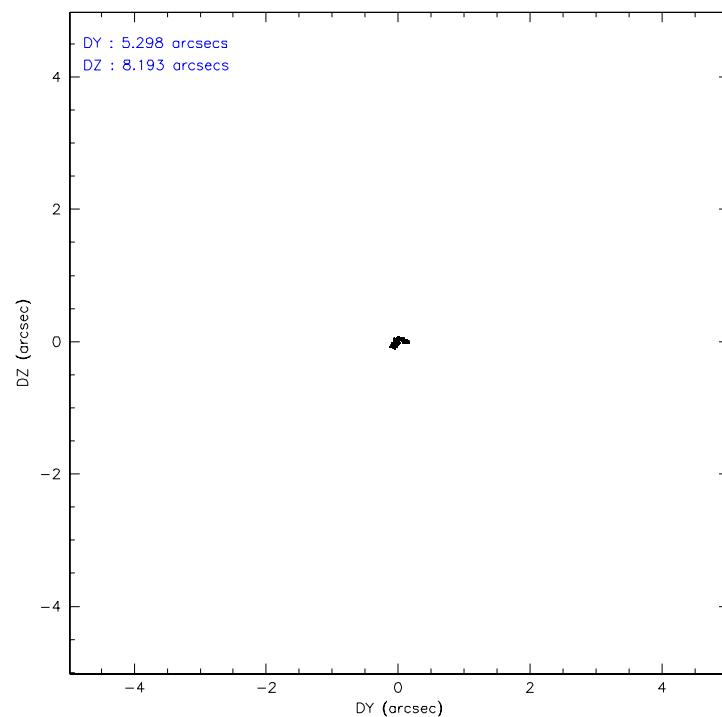
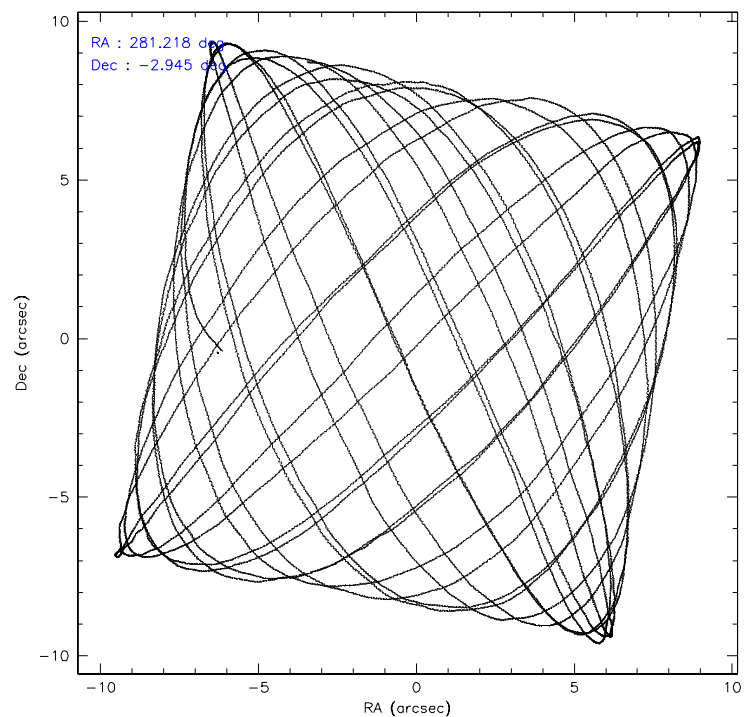
	<b>ccd 7</b>
level 1 events	14484
rejected events	7574
rejected %	52%

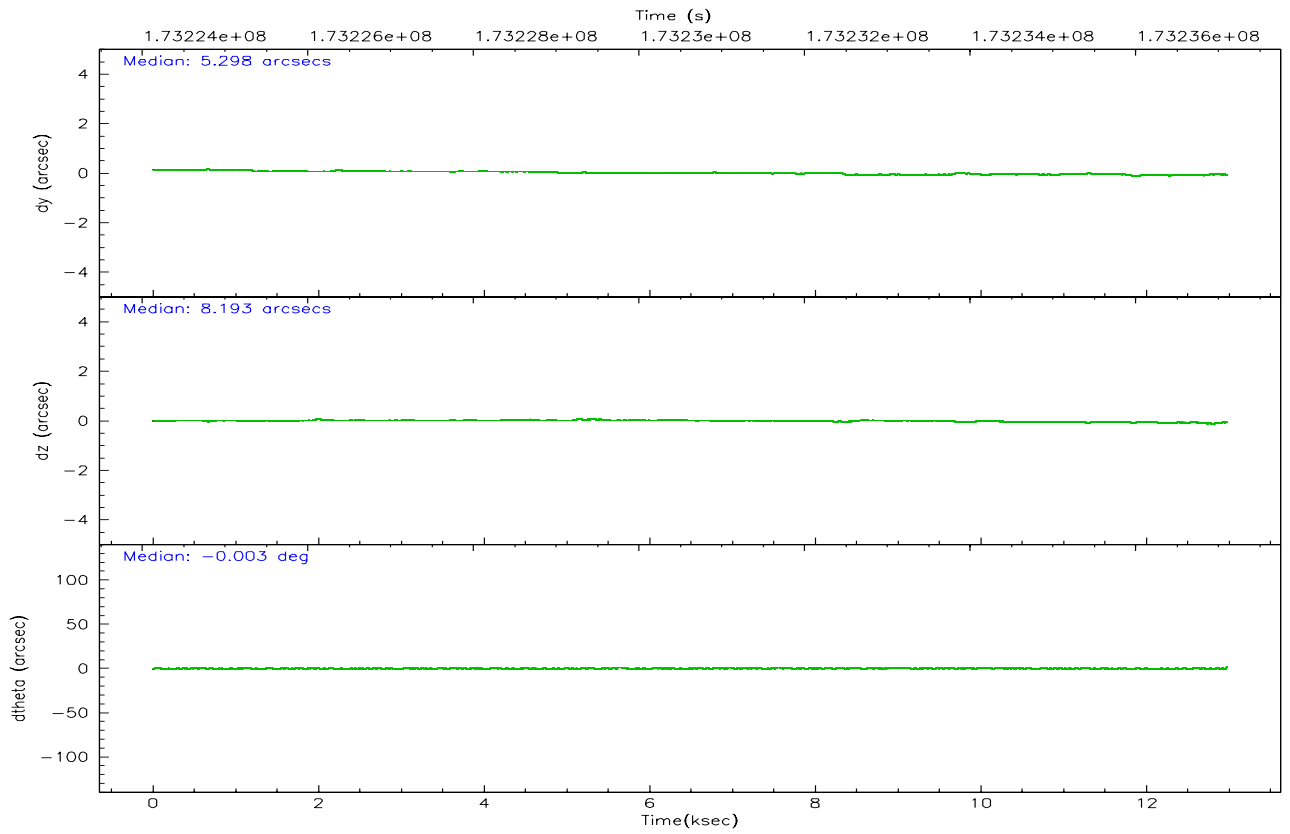
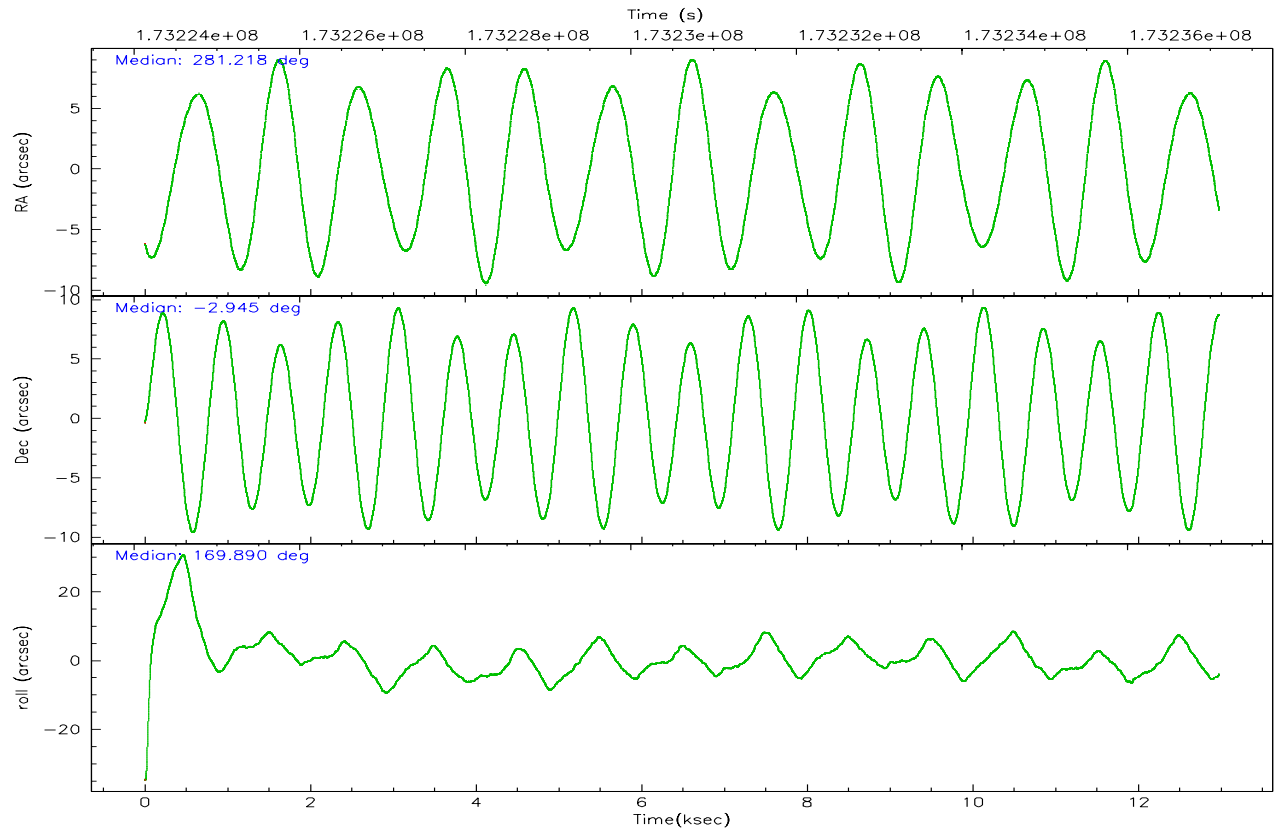
	<b>ccd 7</b>
grade 0 events	601
	4%
grade 1 events	7
	0%
grade 2 events	1510
	10%
grade 3 events	683
	4%
grade 4 events	687
	4%
grade 5 events	956
	6%
grade 6 events	3429
	23%
grade 7 events	6611
	45%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	1/8	1/8
Pointing RA	281.243924	281.2184346064382	Subarray start row	0	449
Pointing Dec	-2.935103	-2.944709742892767	Subarray row count	1024	128
Pointing Roll	169.732270	169.8875484496271	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	173225106.184000	173223747.24417			
Observation start date	2003-06-28T22:04:02	2003-06-28T21:42:27			
Observation end time	173237106.184000	173237948.10728			
Observation end date	2003-06-29T01:24:02	2003-06-29T01:39:08			
Read mode	TIMED	TIMED			

### 2.3 Aspect





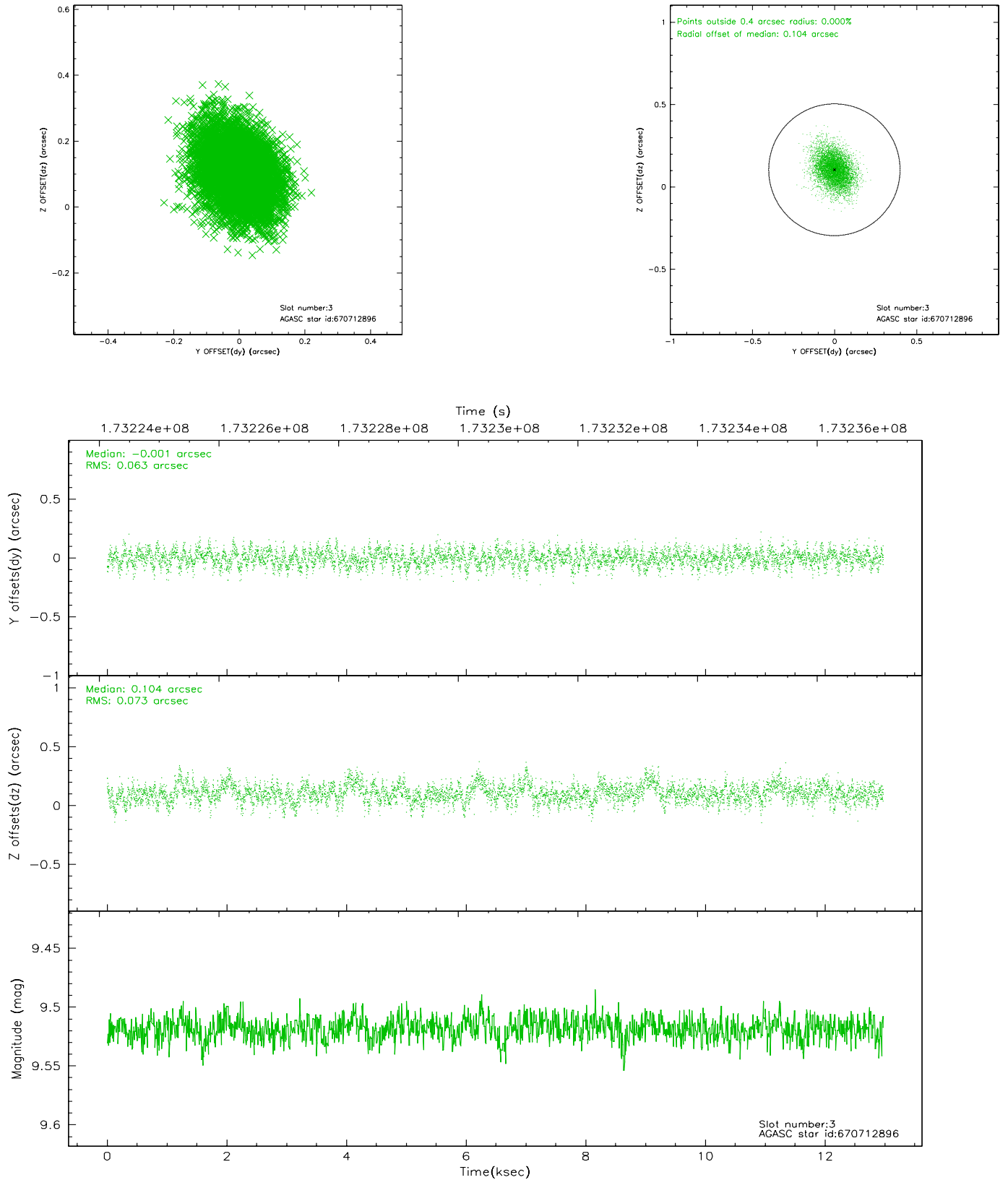
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3165	-0.020	-0.013	0.008	0.017	0.000000	0.000000	-758.06	-1729.39
1	FID	ACIS-S-4	7.21	3165	0.022	0.013	0.007	0.026	0.000000	0.000000	2155.12	178.70
2	FID	ACIS-S-5	7.23	3165	-0.034	0.009	0.008	0.020	0.000000	0.000000	-1810.41	172.84
3	GUIDE	670712896	9.52	6325	-0.001	0.104	0.102	0.169	281.136637	-3.286600	154.09	1314.71
4	GUIDE	670713328	7.55	6330	-0.130	-0.025	0.059	0.091	280.824681	-3.187771	1320.68	1164.17
5	GUIDE	670714008	9.02	6323	-0.007	0.036	0.079	0.128	281.129237	-3.153193	265.99	846.45
6	GUIDE	670830264	8.75	6328	0.096	-0.037	0.070	0.111	281.361536	-3.231556	-605.97	975.12
7	GUIDE	670713072	9.00	6325	0.046	-0.077	0.101	0.160	281.205407	-3.604132	-293.05	2394.88

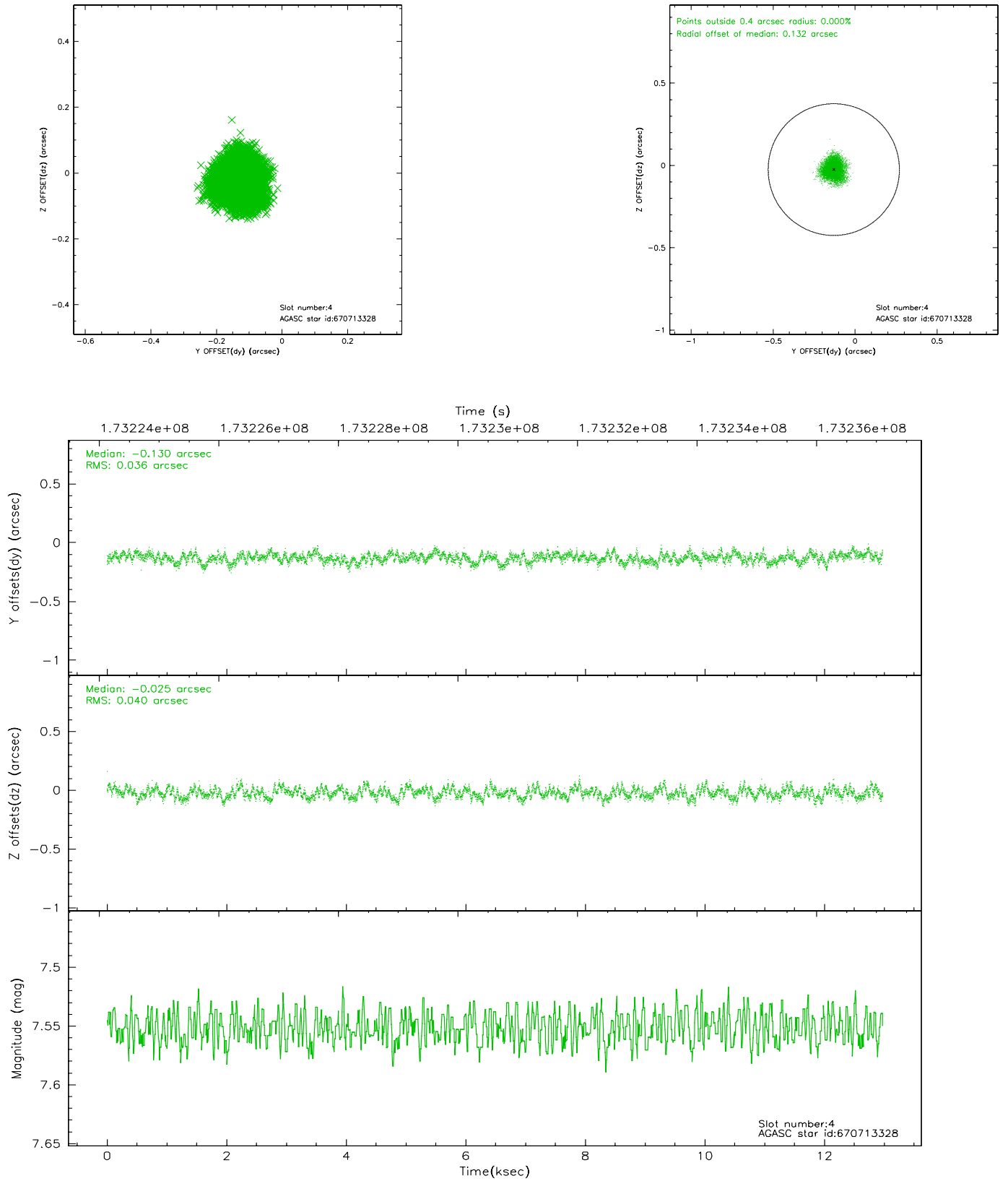


## 2.4 Star Slots

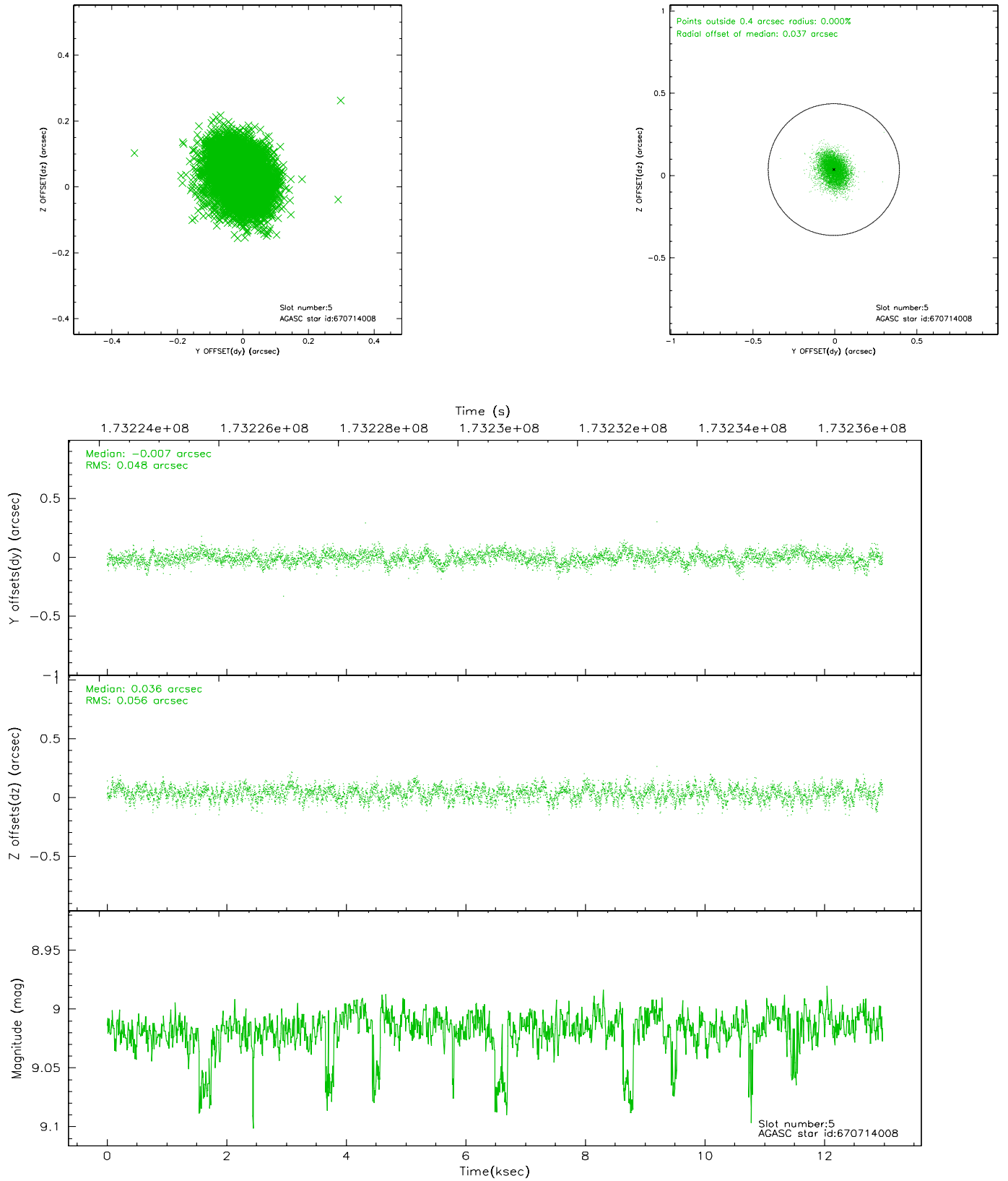
### 2.4.1 Slot 3



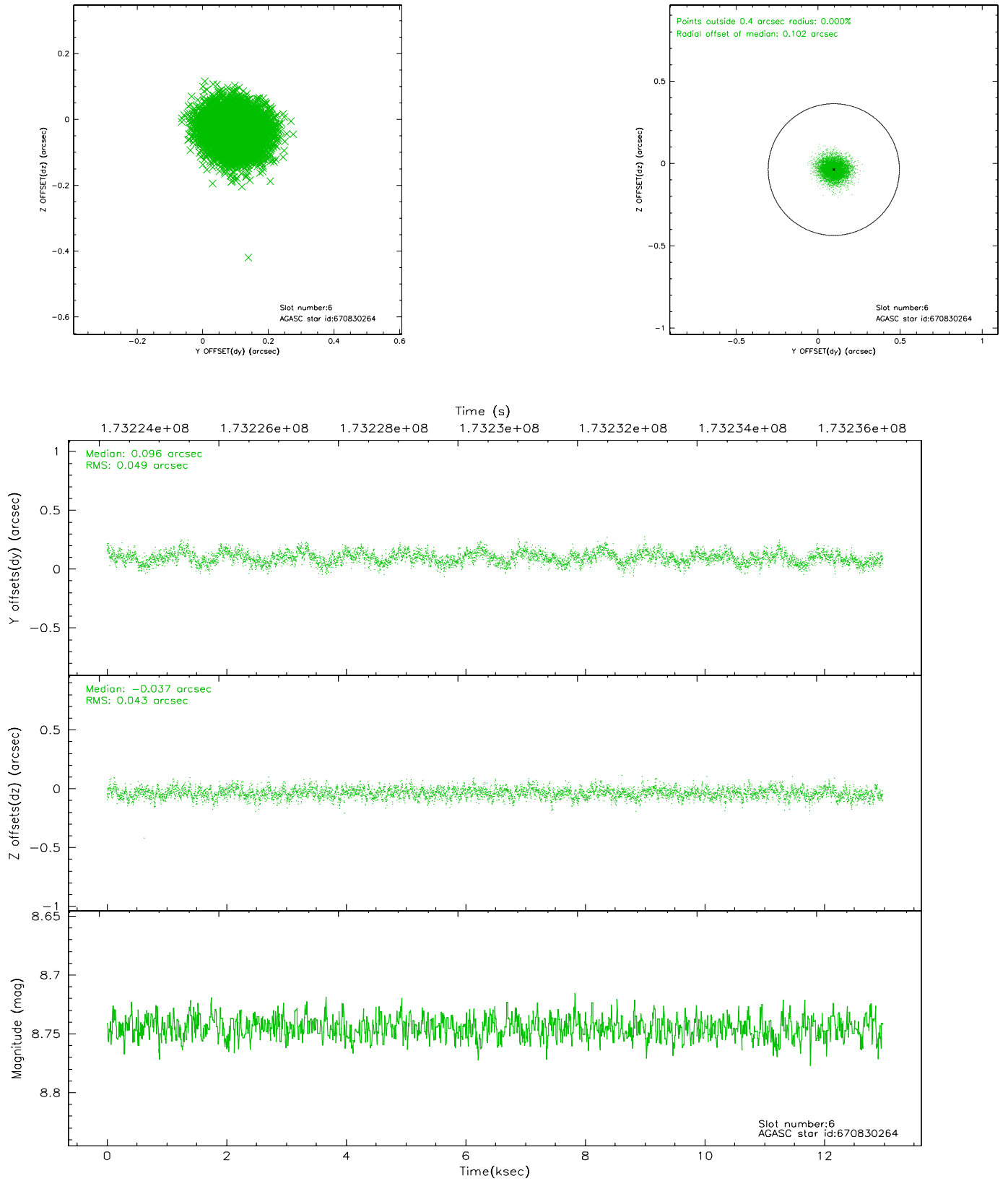
## 2.4.2 Slot 4



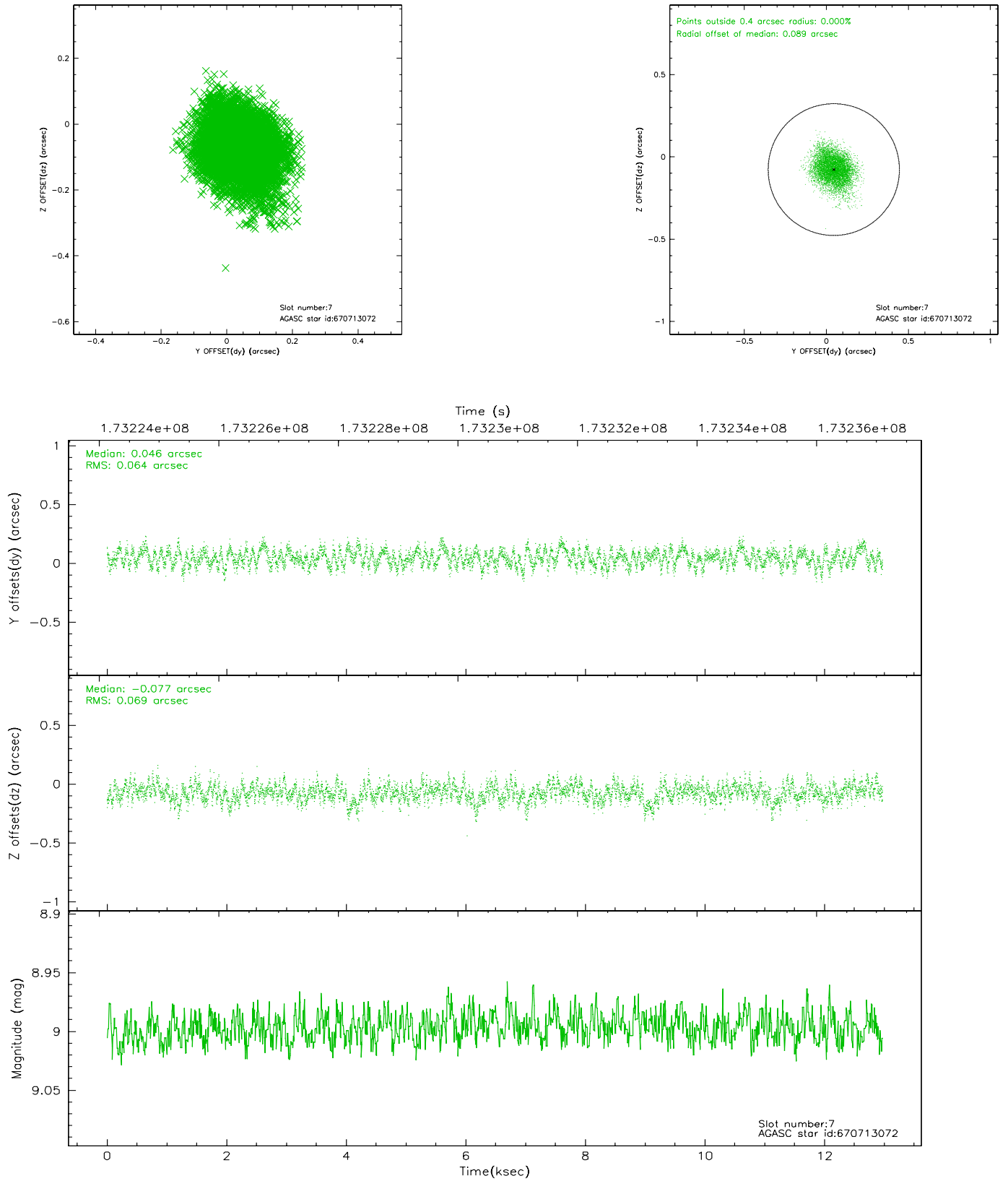
### 2.4.3 Slot 5



## 2.4.4 Slot 6

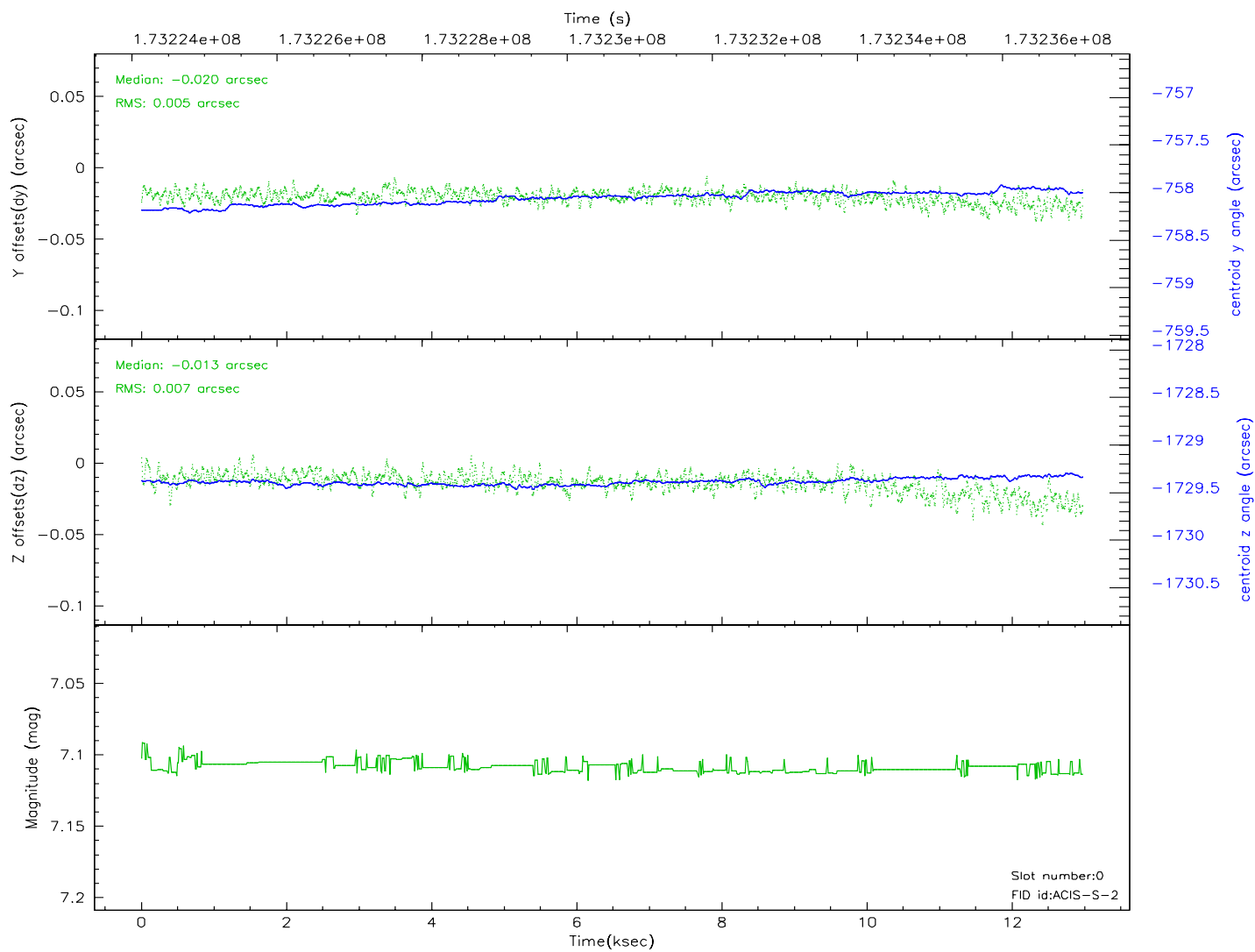
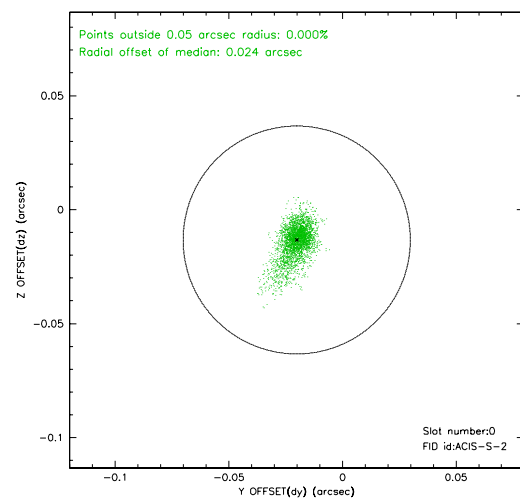
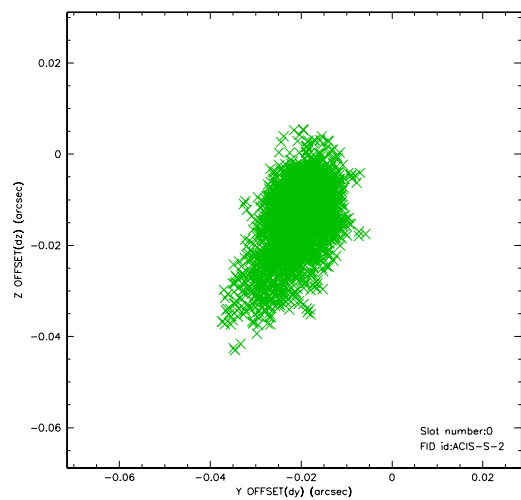


## 2.4.5 Slot 7

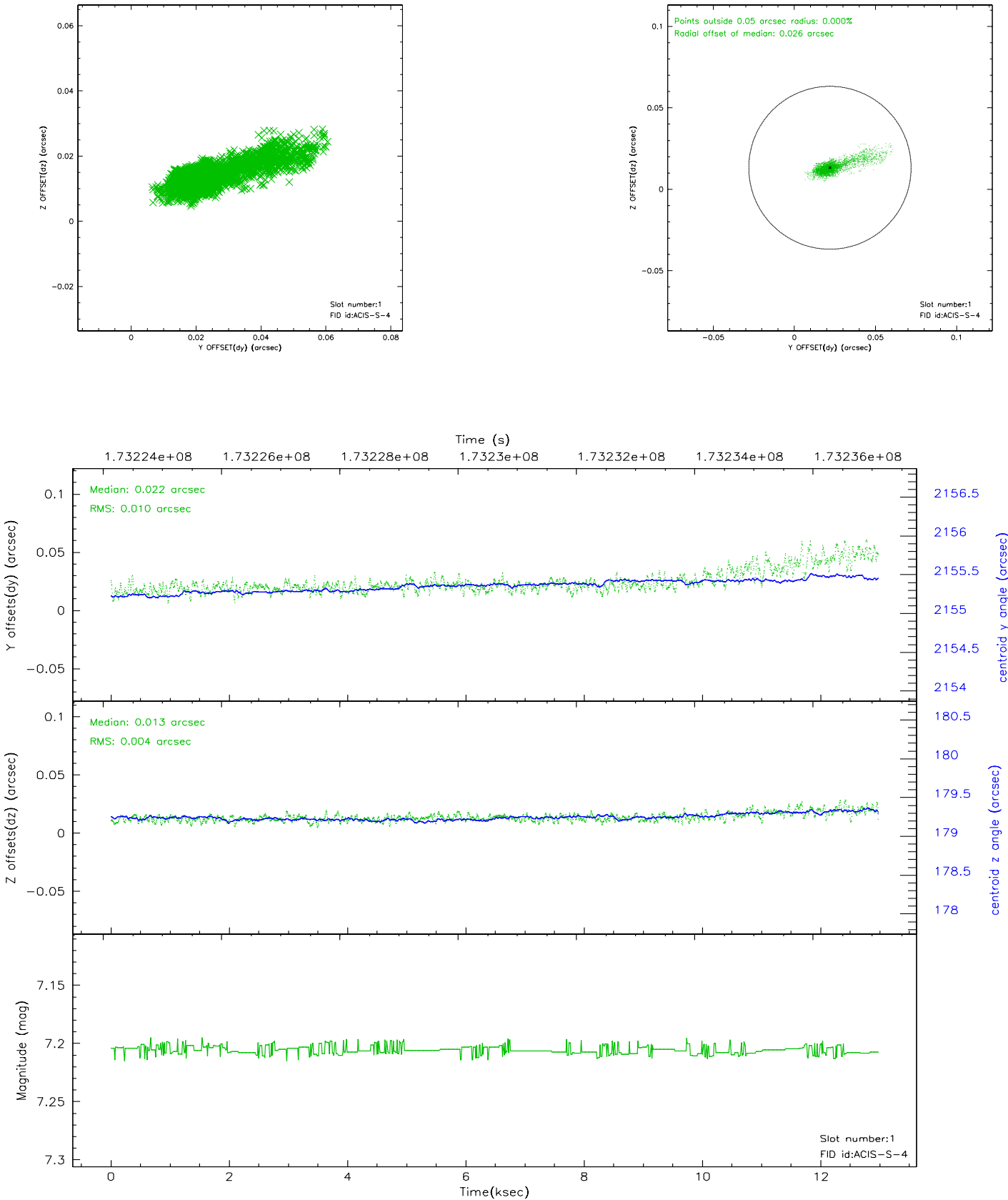


## 2.5 FID Slots

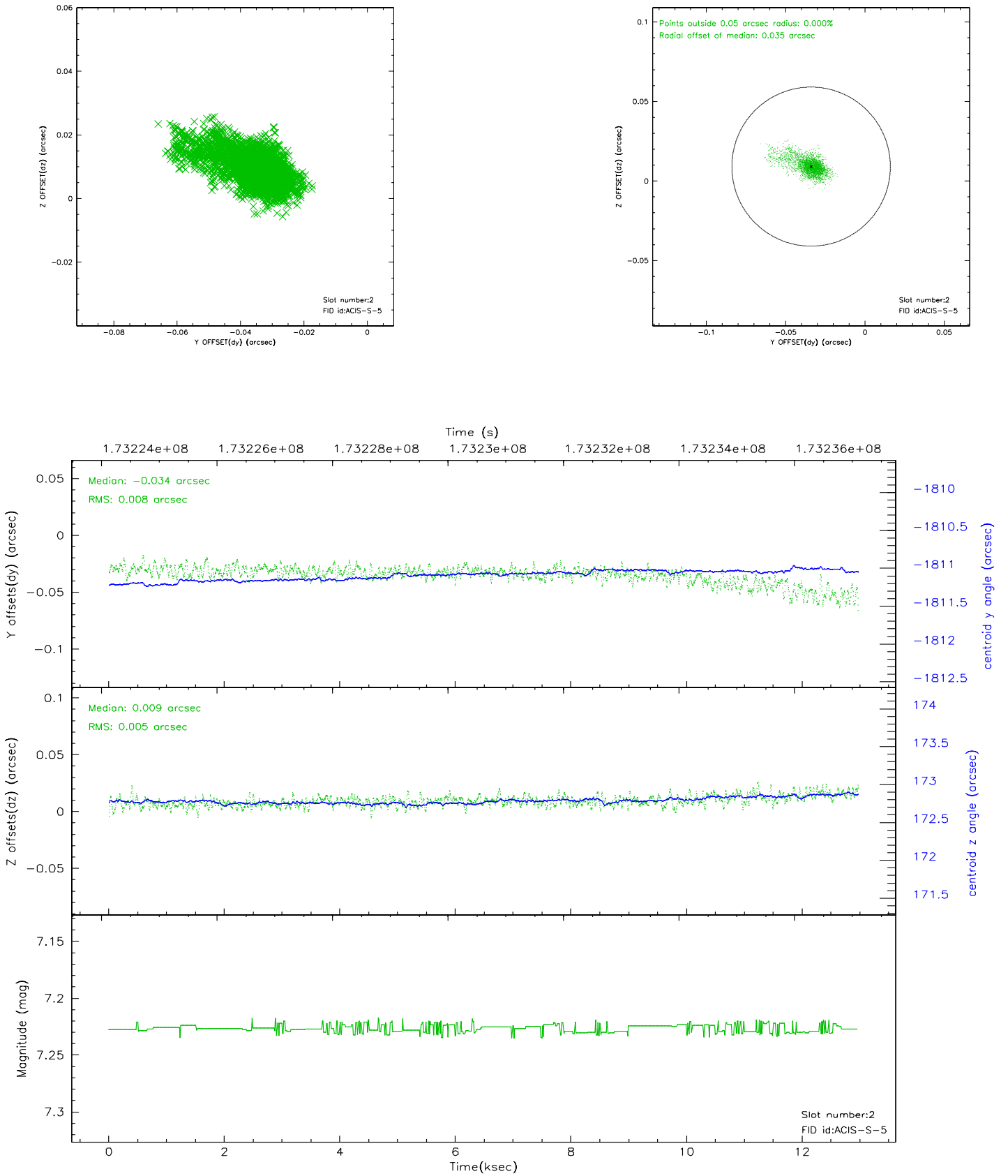
### 2.5.1 Slot 0



2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

3.73 arcmin



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.86

### A.2 Comments

Monitor constraint met.