

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 6204 - L2 Version 002  
Chandra X-Ray Center

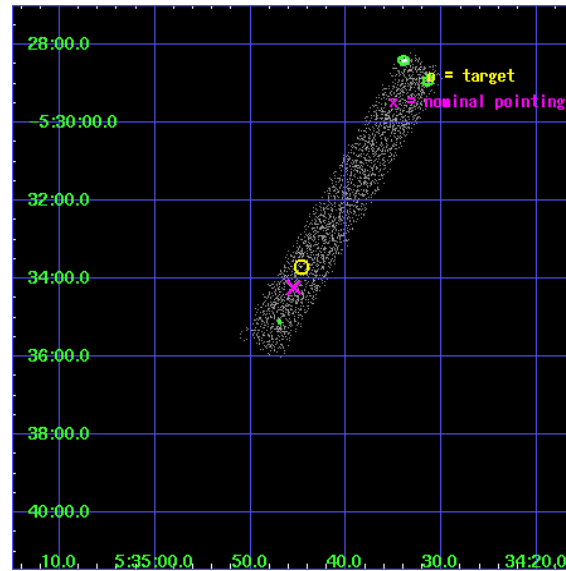
L2 Processing Date: Feb 19 2006

## 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

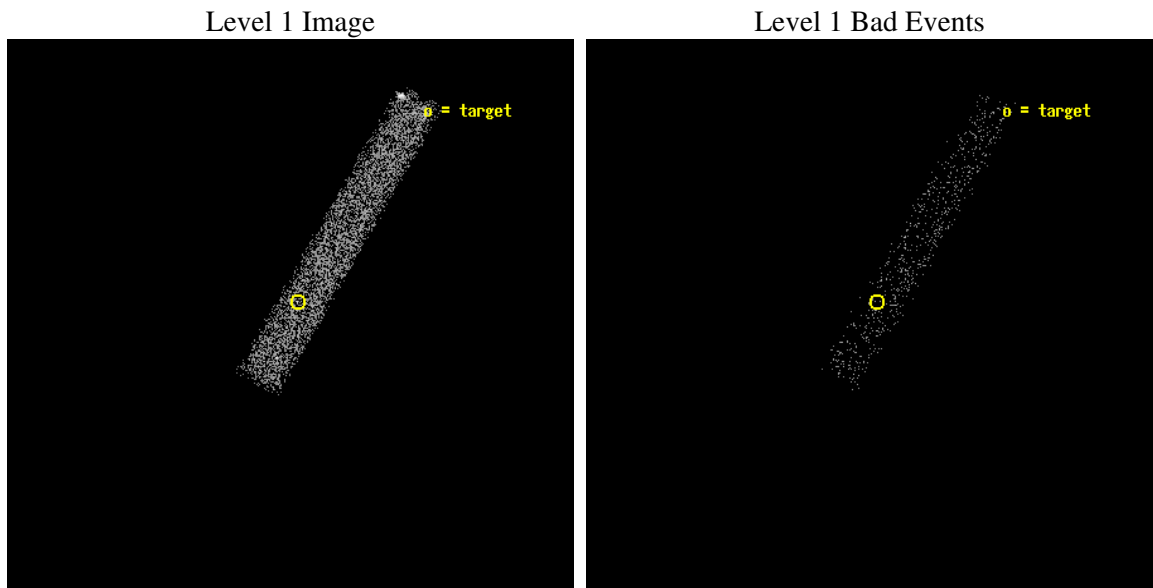
seq_num	200363
obs_id	6204
title	Monitoring the X-ray Emission of the Newly Erupted EXor-type V1118 Ori
observer	Dr Marc Audard
object	V1118 Ori
dtcycle	0
cycle	P
ra_targ	83.68625
dec_targ	-5.561472
ra_nom	83.689505556593
dec_nom	-5.5705194751188
roll_nom	300.09213062953
revision	2
ontime	5136.4000765383
livetime	4658.4437479941
ontime7	5136.4000765383
l2events	3190



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-19T19:15:34
revision	2

sched_exp_time	5000.000000
ontime	6113.1843362153
ontime7	6113.1843362153
l1events	8375

### 2.1.4 Events

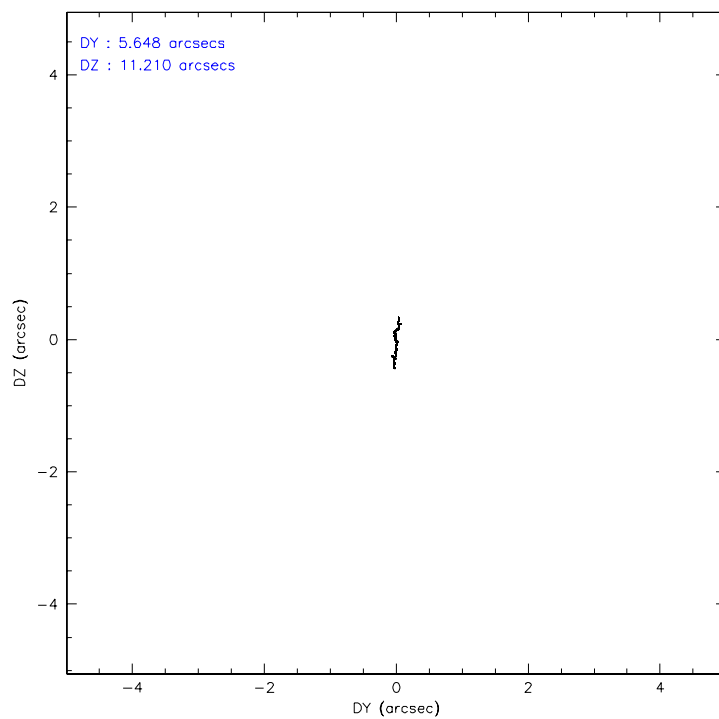
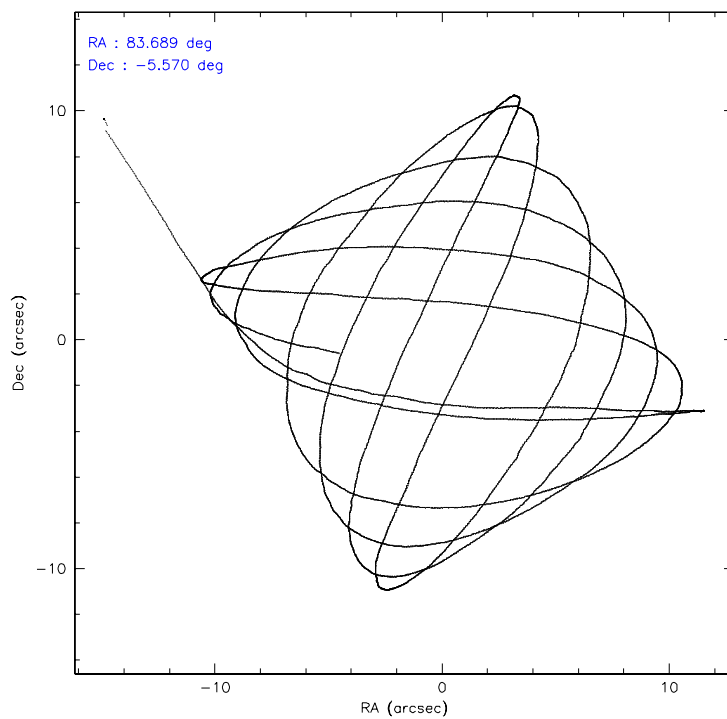
	<b>ccd 7</b>
level 1 events	8375
rejected events	5072
rejected %	60%

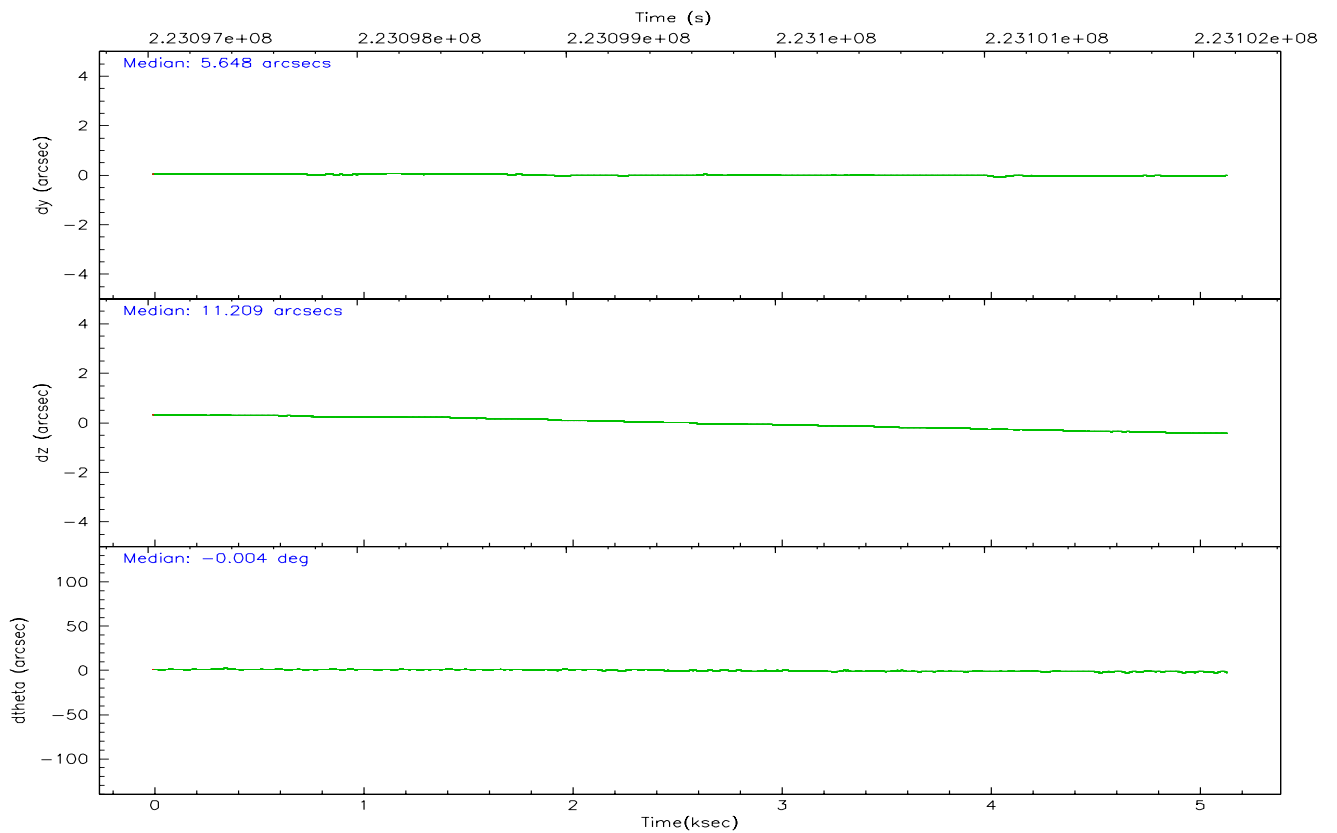
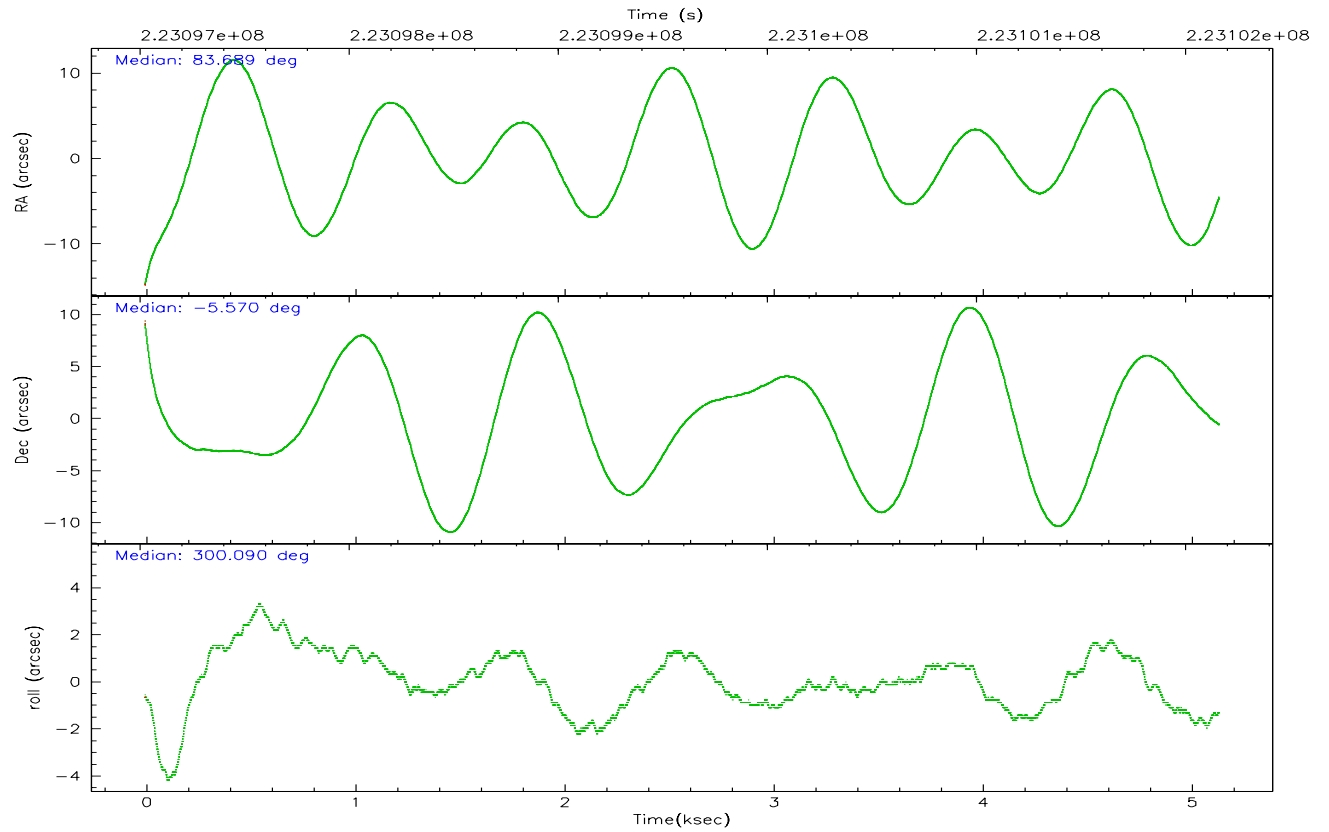
	<b>ccd 7</b>
grade 0 events	346
	4%
grade 1 events	9
	0%
grade 2 events	900
	10%
grade 3 events	418
	4%
grade 4 events	404
	4%
grade 5 events	544
	6%
grade 6 events	1823
	21%
grade 7 events	3931
	46%

## 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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	83.665675	83.68950555659296	Subarray start row	0	449
Pointing Dec	-5.557298	-5.570519475118847	Subarray row count	1024	128
Pointing Roll	299.933174	300.0921306295331	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	223097154.184000	223096042.32241			
Observation start date	2005-01-26T03:24:50	2005-01-26T03:07:22			
Observation end time	223102154.184000	223103047.17273			
Observation end date	2005-01-26T04:48:10	2005-01-26T05:04:07			
Read mode	TIMED	TIMED			

## 2.3 Aspect



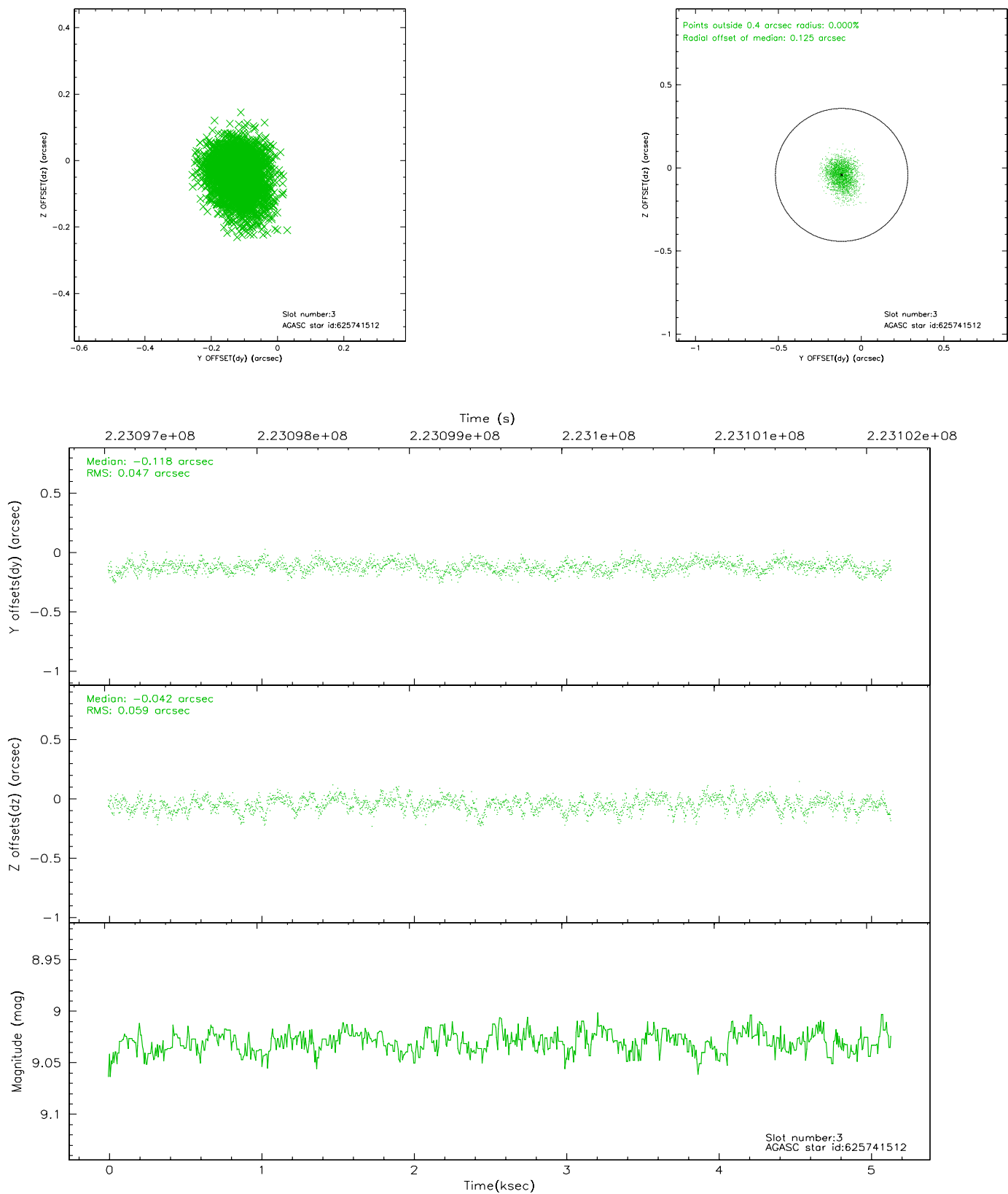


### Slot Statistics

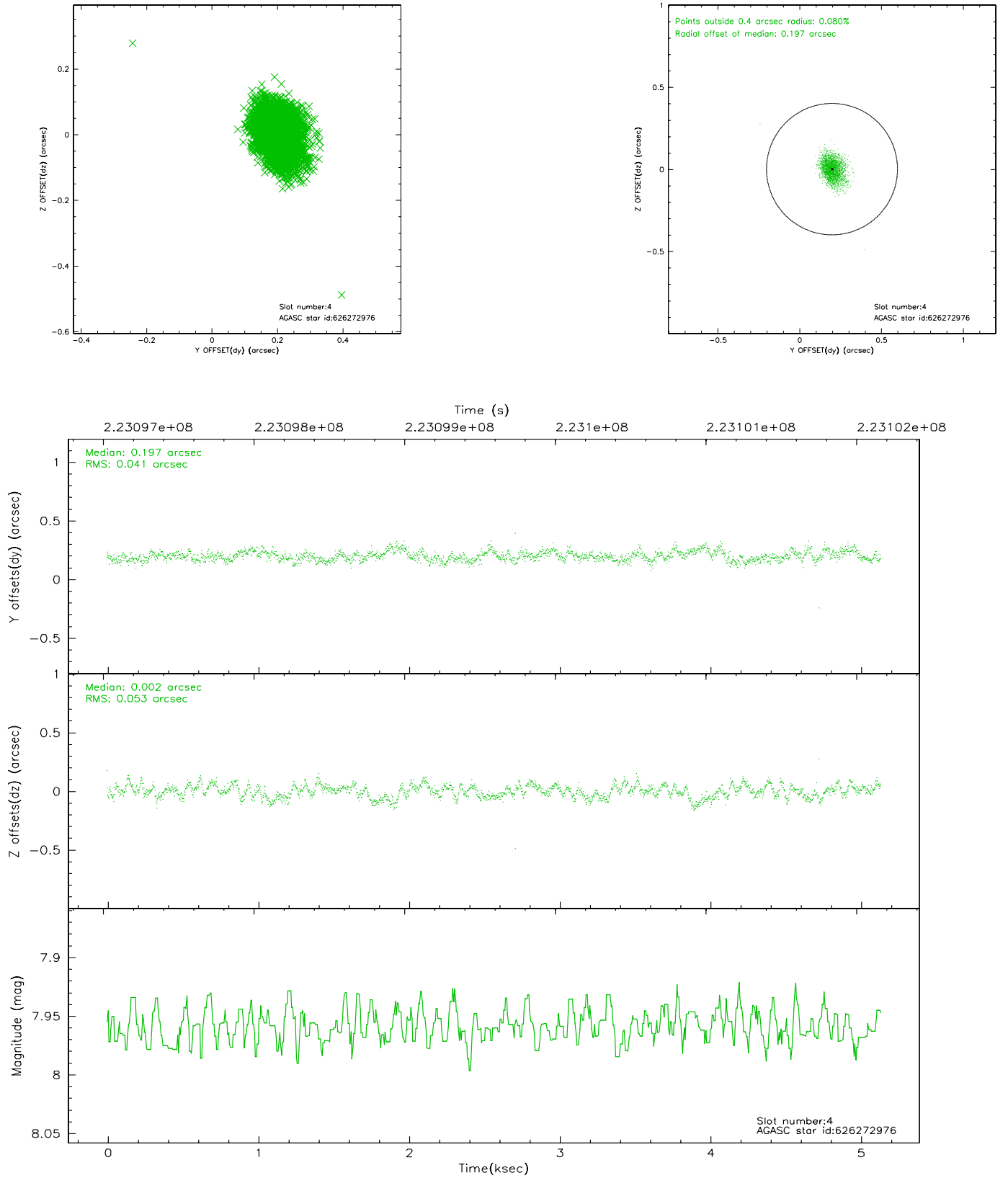
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1254	0.005	-0.038	0.010	0.016	0.000000	0.000000	937.63	-1728.16
1	FID	ACIS-S-5	7.24	1252	-0.038	-0.002	0.008	0.012	0.000000	0.000000	-1810.70	168.28
2	FID	ACIS-S-6	7.34	1254	0.012	0.051	0.009	0.015	0.000000	0.000000	401.98	813.57
3	GUIDE	625741512	9.03	2507	-0.118	-0.042	0.081	0.132	83.281151	-5.340585	-1363.32	-805.04
4	GUIDE	626272976	7.96	2507	0.197	0.002	0.069	0.115	83.795875	-5.926912	1385.70	-259.82
5	GUIDE	625745144	7.86	2507	-0.104	-0.033	0.073	0.118	83.888985	-4.837539	-1845.08	1987.37
6	GUIDE	625745272	9.21	2506	-0.074	0.090	0.110	0.186	83.734325	-4.765942	-2346.62	1636.29
7	GUIDE	626272760	6.62	2505	0.090	-0.016	0.074	0.126	84.363987	-5.938389	2437.32	1482.78

## 2.4 Star Slots

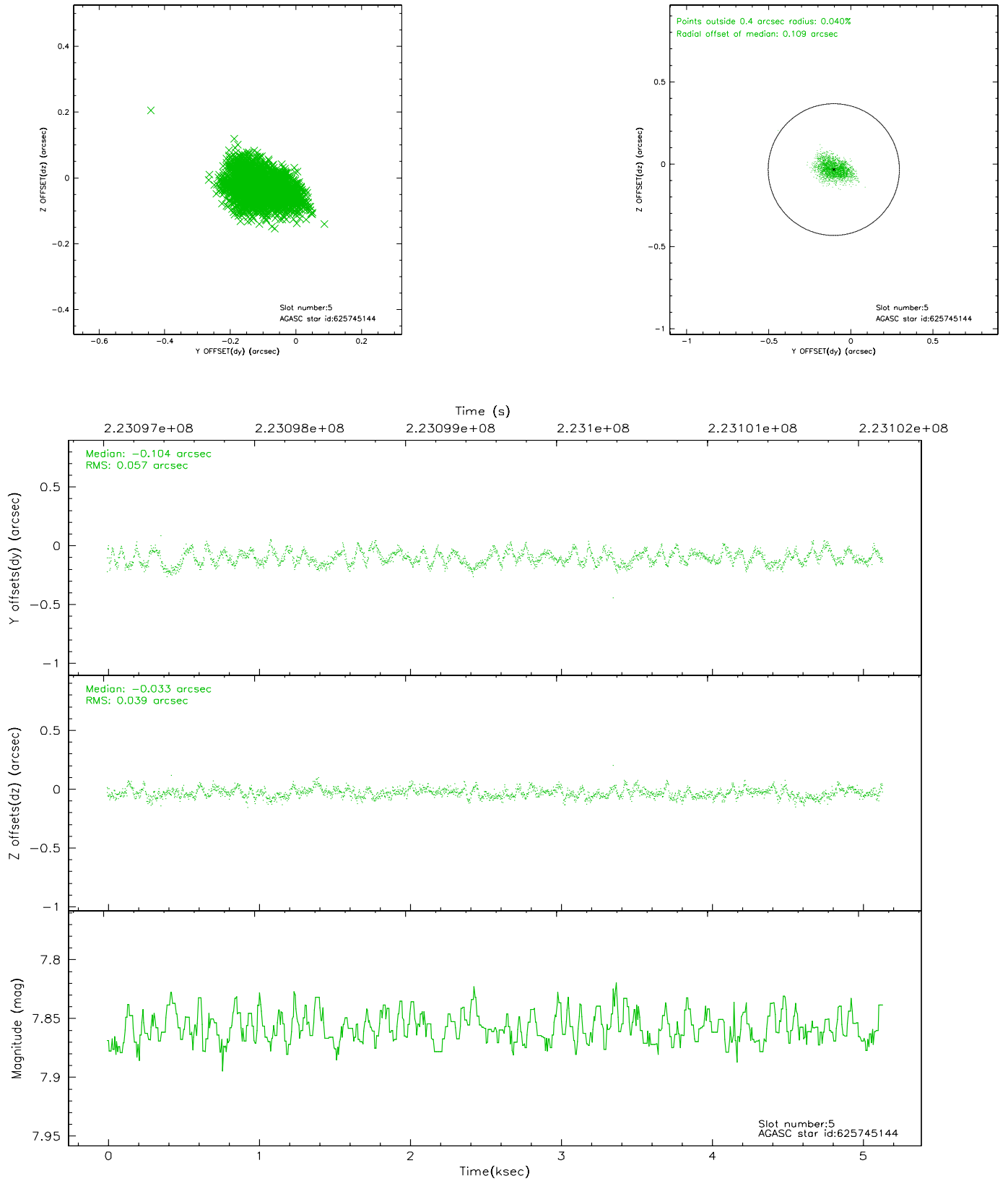
### 2.4.1 Slot 3



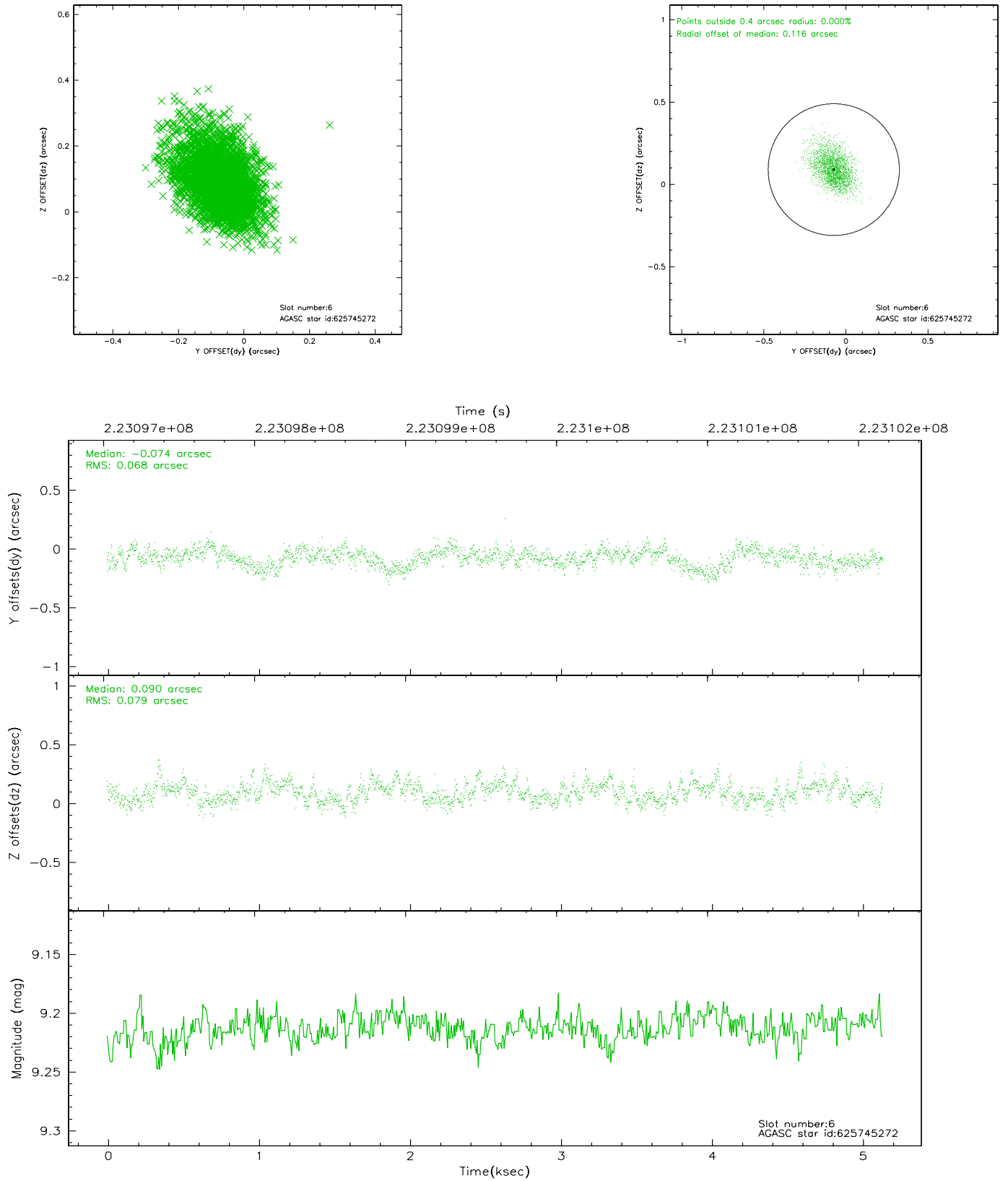
## 2.4.2 Slot 4



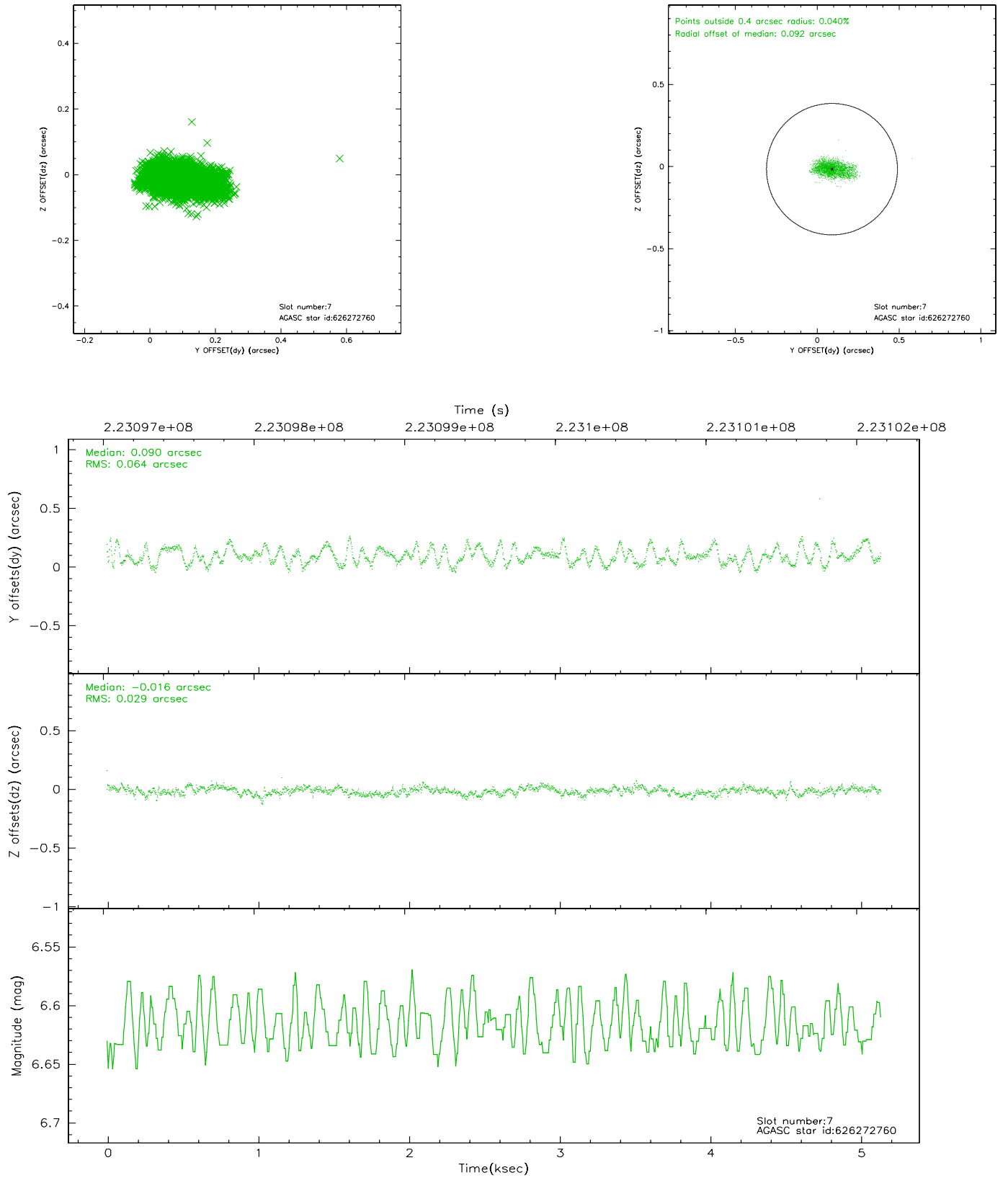
### 2.4.3 Slot 5



## 2.4.4 Slot 6

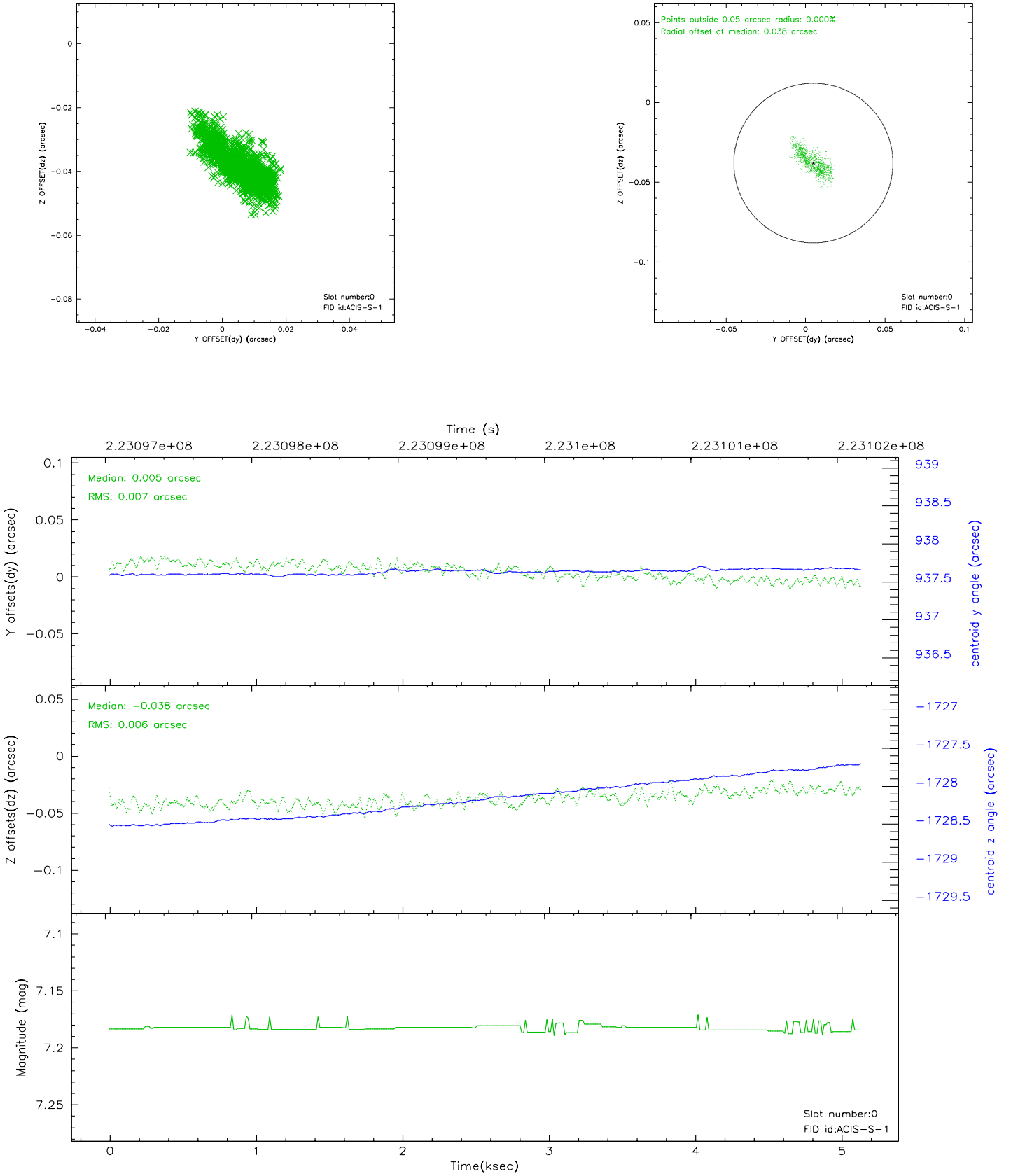


## 2.4.5 Slot 7

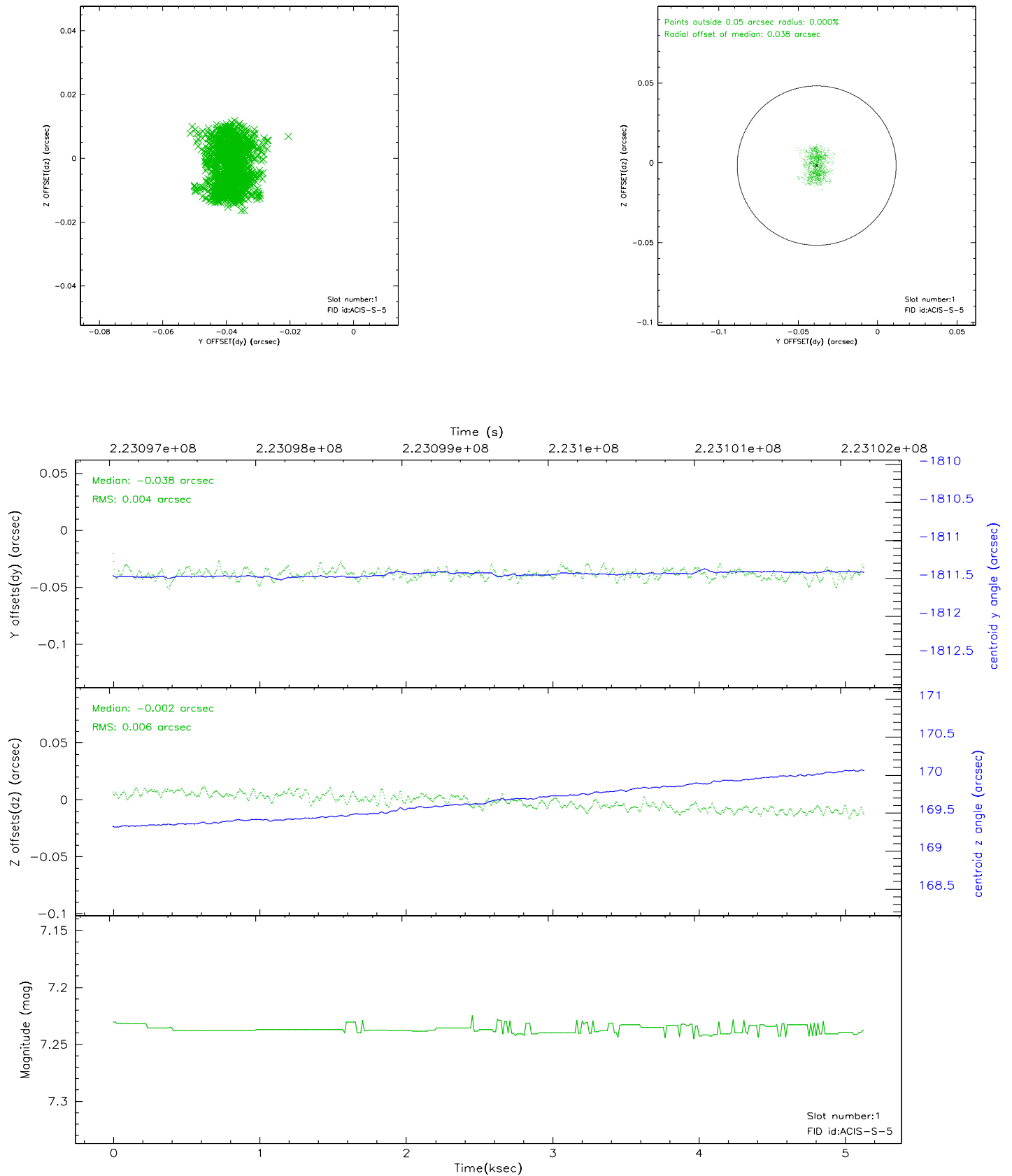


## 2.5 FID Slots

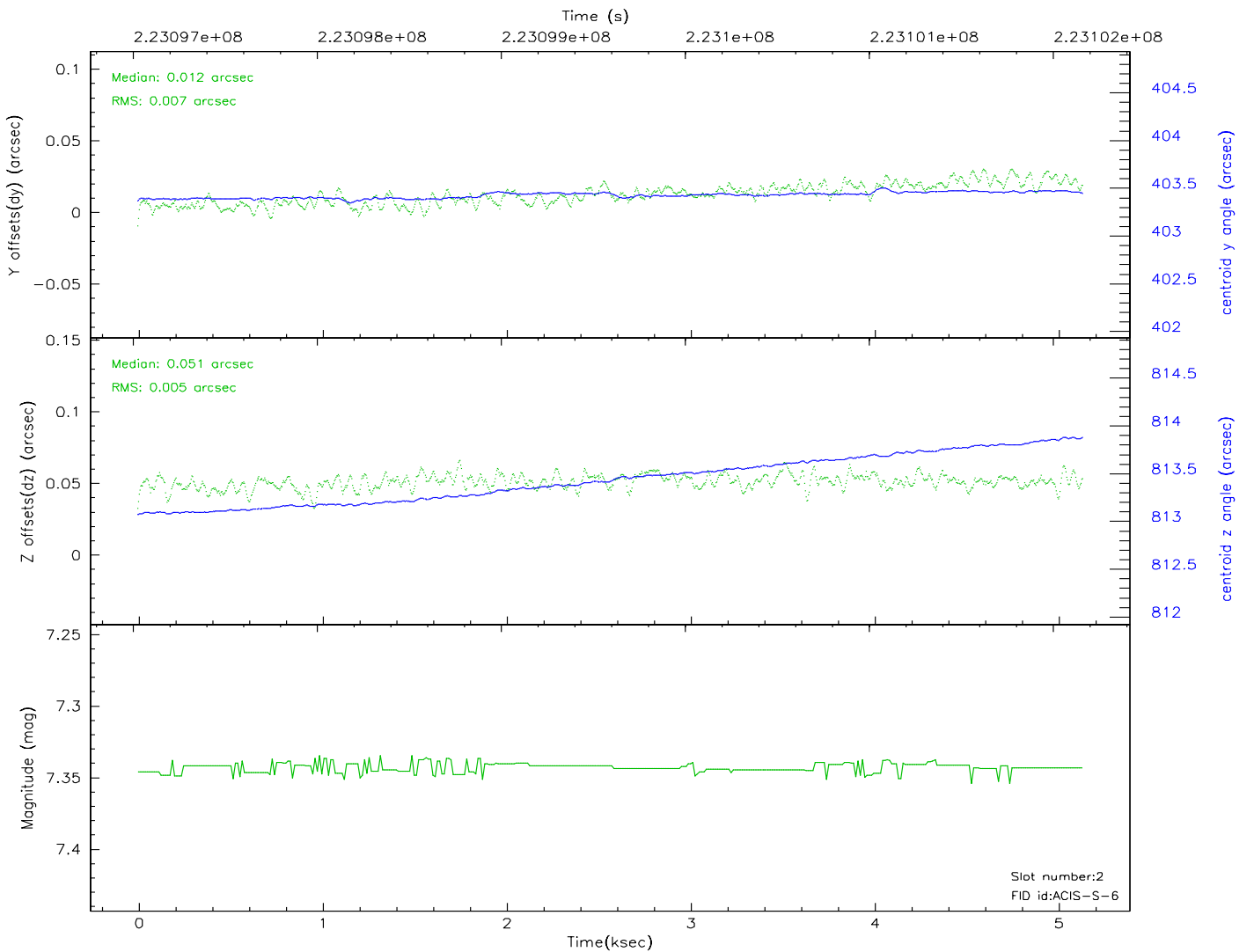
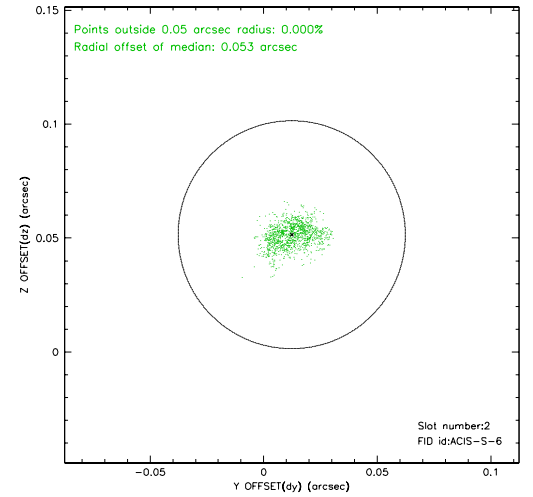
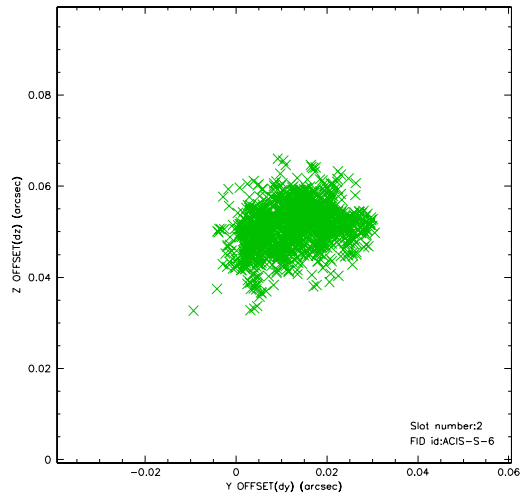
### 2.5.1 Slot 0



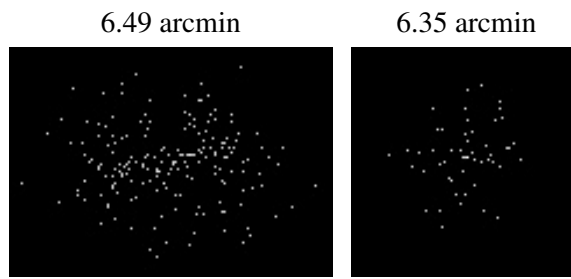
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1364

### A.2 Comments