

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2693 - L2 Version 3  
Chandra X-Ray Center

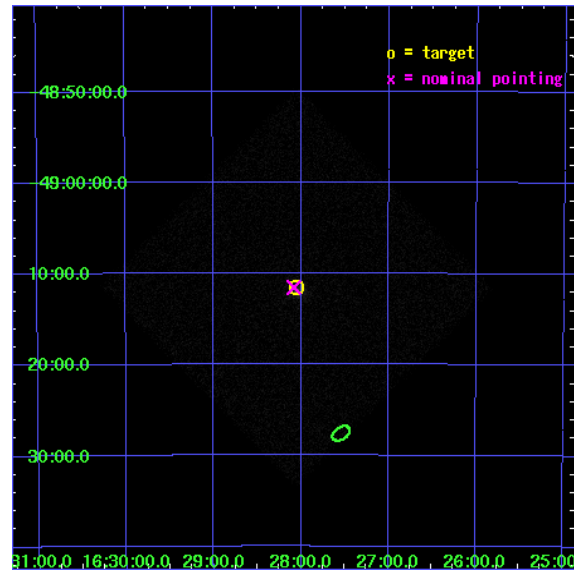
L2 Processing Date : Nov 21 2007

## 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	Parameters . . . . .	4
2.1.3	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

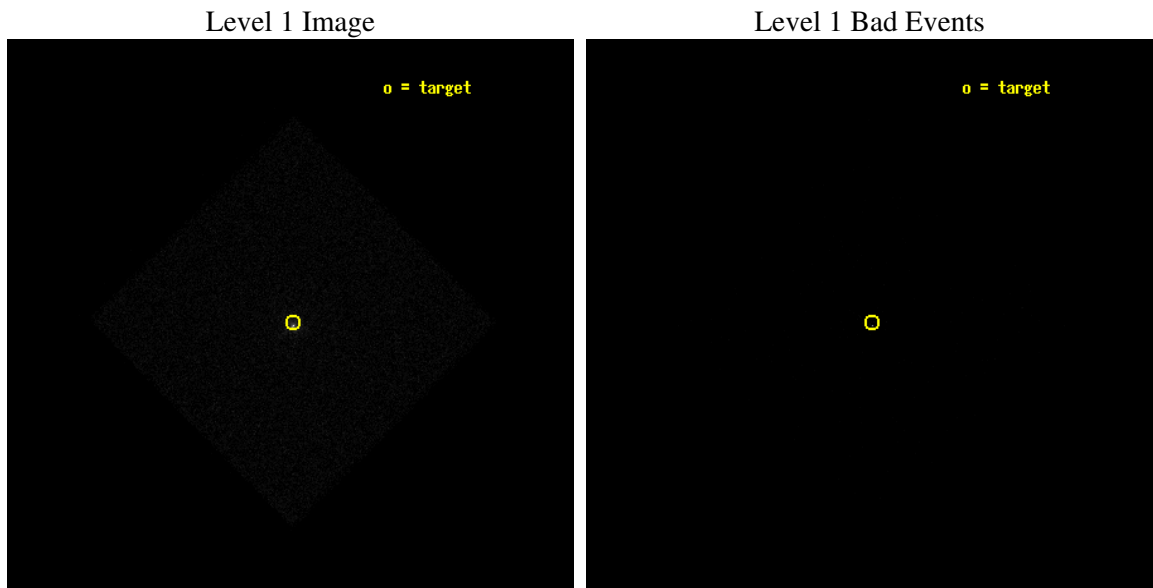
seq_num	400173
obs_id	2693
title	LOCATING THE ELUSIVE COUNTERPART OF THE UNUSUAL X-RAY DIPPER X1624-490
observer	DR. STEFANIE WACHTER
object	X1624-490
ra_targ	247.01375
dec_targ	-49.19175
ra_nom	247.020009044
dec_nom	-49.192280524979
roll_nom	0.3246085415165
revision	3
ontime	982.20629009604
livetime	976.34028204768
l2events	35951



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T21:04:19
revision	3

sched_exp_time	1000.000000
ontime	982.20629009604
l1events	54817

### 2.1.3 Events

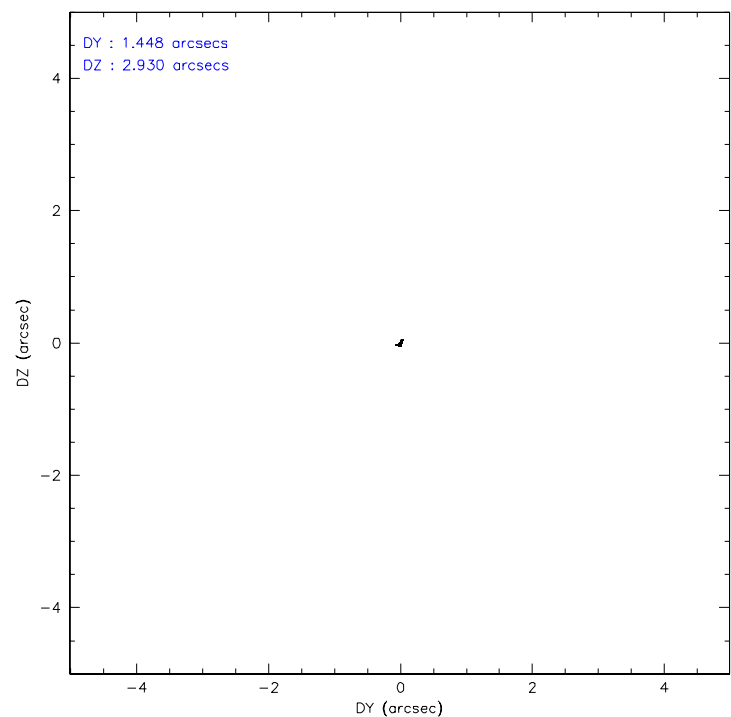
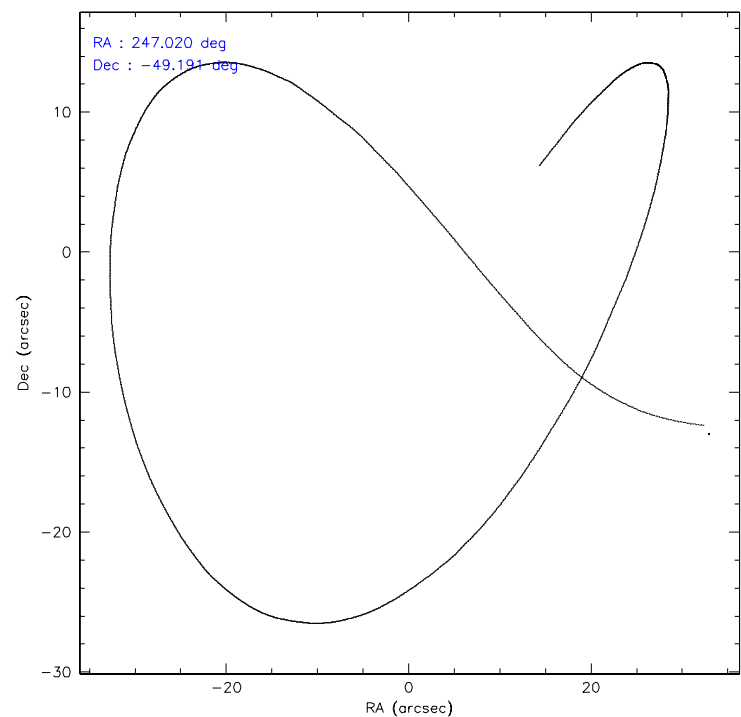
#### Level 1 Events

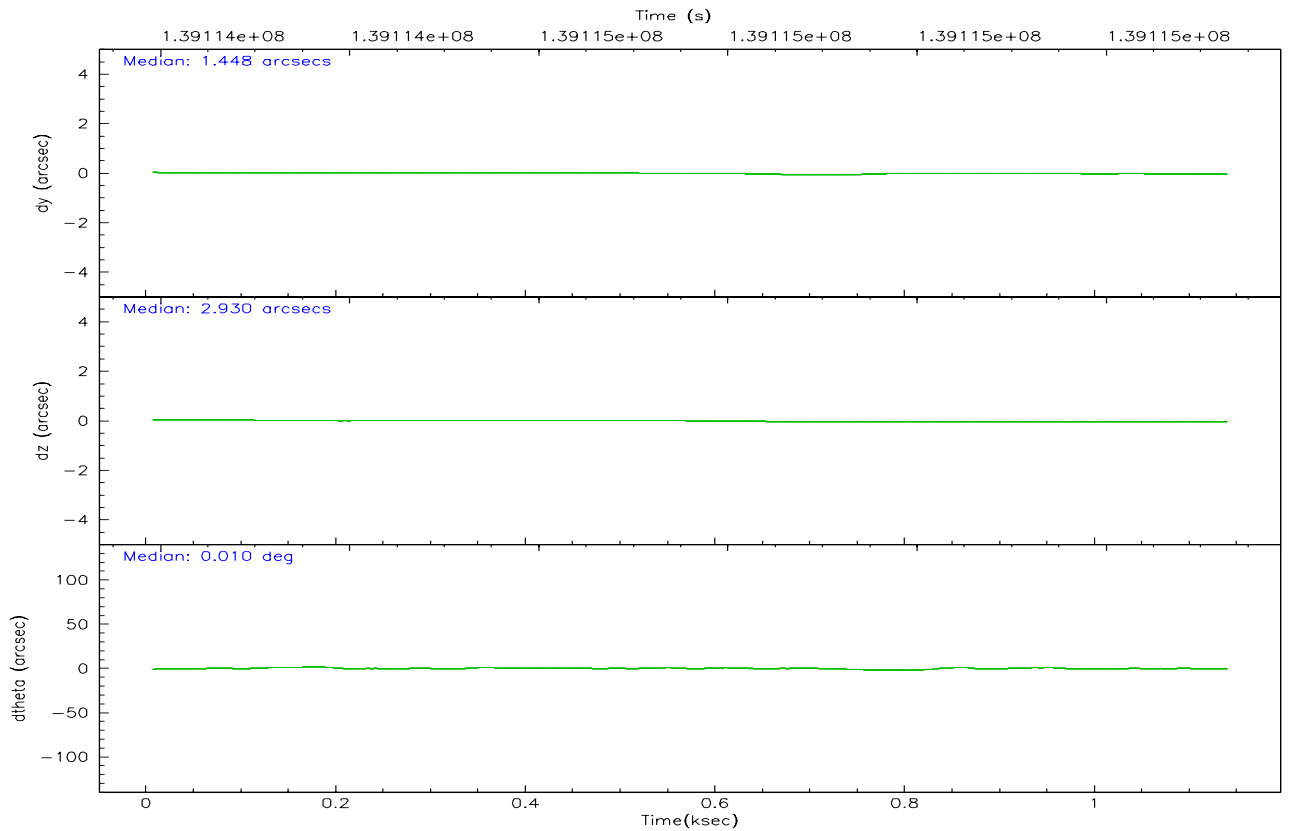
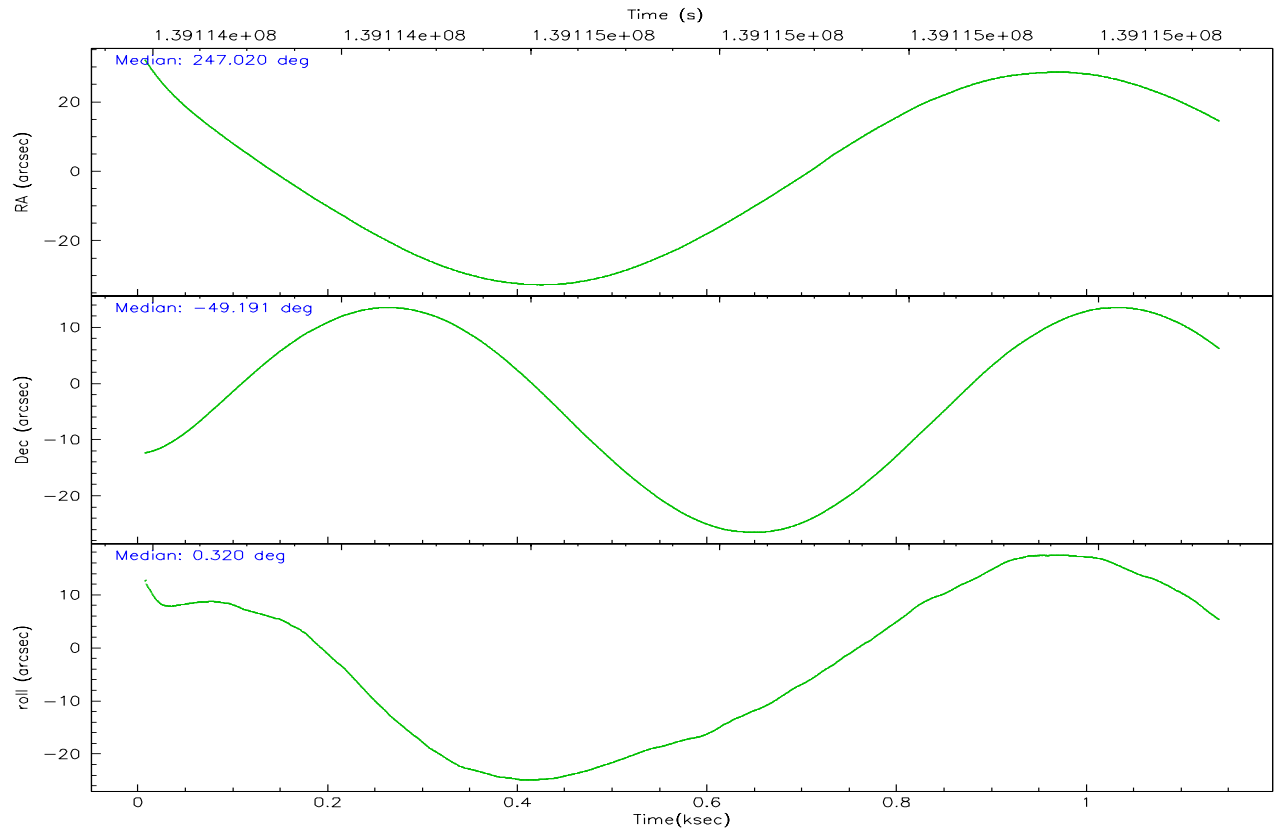
	<b>segment 0</b>
level 1 events	54817
rejected events	4311
rejected %	7%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	246.984335	247.0200090439955			
Pointing Dec	-49.207553	-49.19228052497906			
Pointing Roll	0.393163	0.3246085415164958			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9804656746847			
SIM translation stage offset (mm)	0	0.005023216916882234			
Observation start time	139114333.184000	139113313.04622			
Observation start date	2002-05-30T02:51:09	2002-05-30T02:35:13			
Observation end time	139115333.184000	139115722.30882			
Observation end date	2002-05-30T03:07:49	2002-05-30T03:15:22			

2.3 Aspect





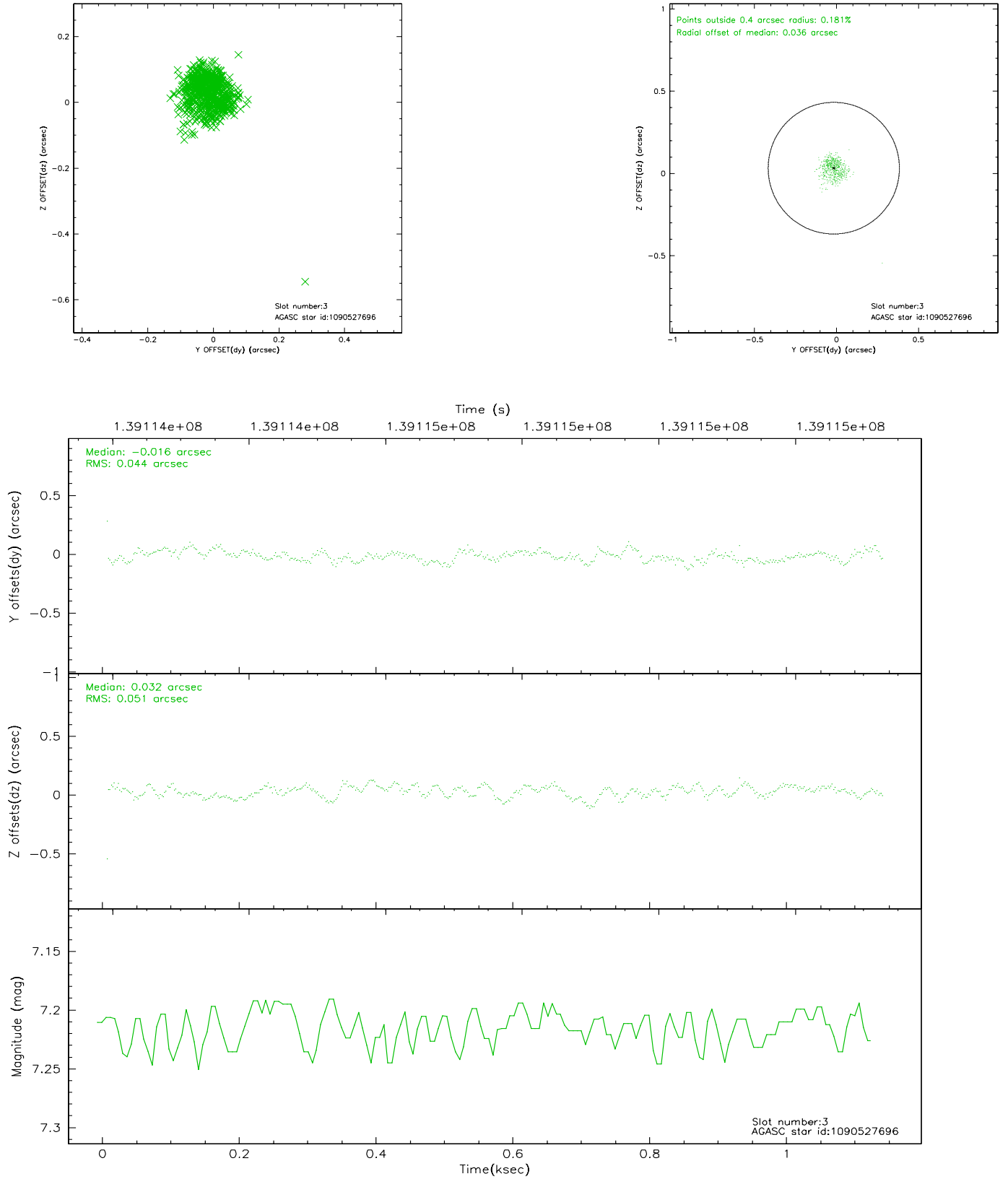
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	277	0.048	0.008	0.013	0.042	0.000000	0.000000	-756.86	-1290.57
1	FID	HRC-I-2	7.01	277	0.063	-0.074	0.009	0.018	0.000000	0.000000	853.05	-1296.92
2	FID	HRC-I-3	7.06	277	0.008	-0.023	0.010	0.029	0.000000	0.000000	-1182.25	1009.29
3	GUIDE	1090527696	7.21	554	-0.016	0.032	0.067	0.099	246.414931	-49.424565	-1339.34	-782.18
4	GUIDE	1092232736	8.69	554	0.031	-0.039	0.074	0.123	247.882340	-49.129503	2114.08	247.75
5	GUIDE	1090027336	8.54	554	-0.034	-0.094	0.090	0.155	246.243090	-48.601393	-1746.88	2180.86
6	GUIDE	1092232544	9.84	550	0.082	0.016	0.161	0.252	247.981672	-49.536798	2318.11	-1217.43
7	GUIDE	1090534328	9.43	549	-0.057	0.073	0.133	0.212	246.493470	-49.854293	-1151.66	-2331.40

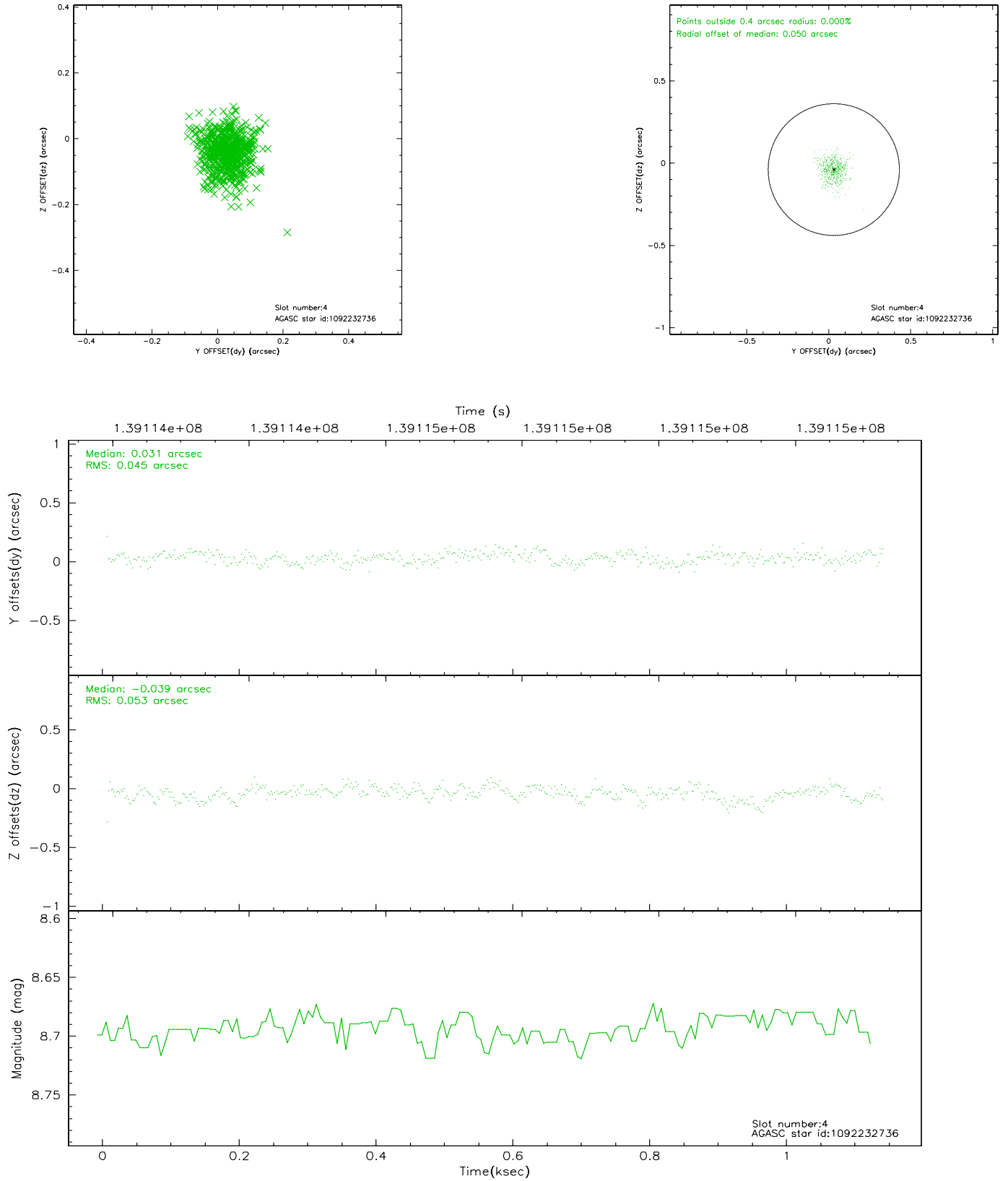


## 2.4 Star Slots

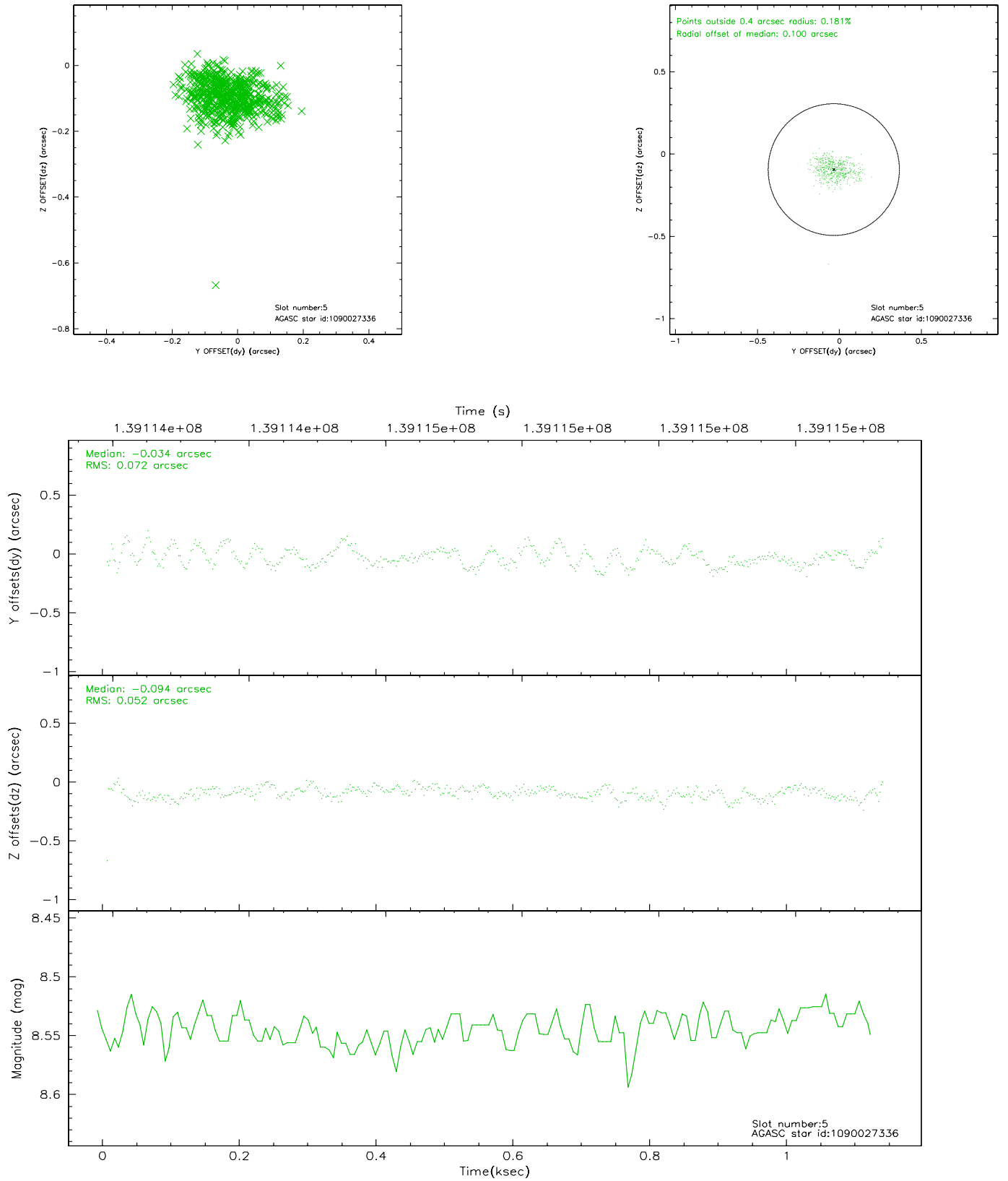
### 2.4.1 Slot 3



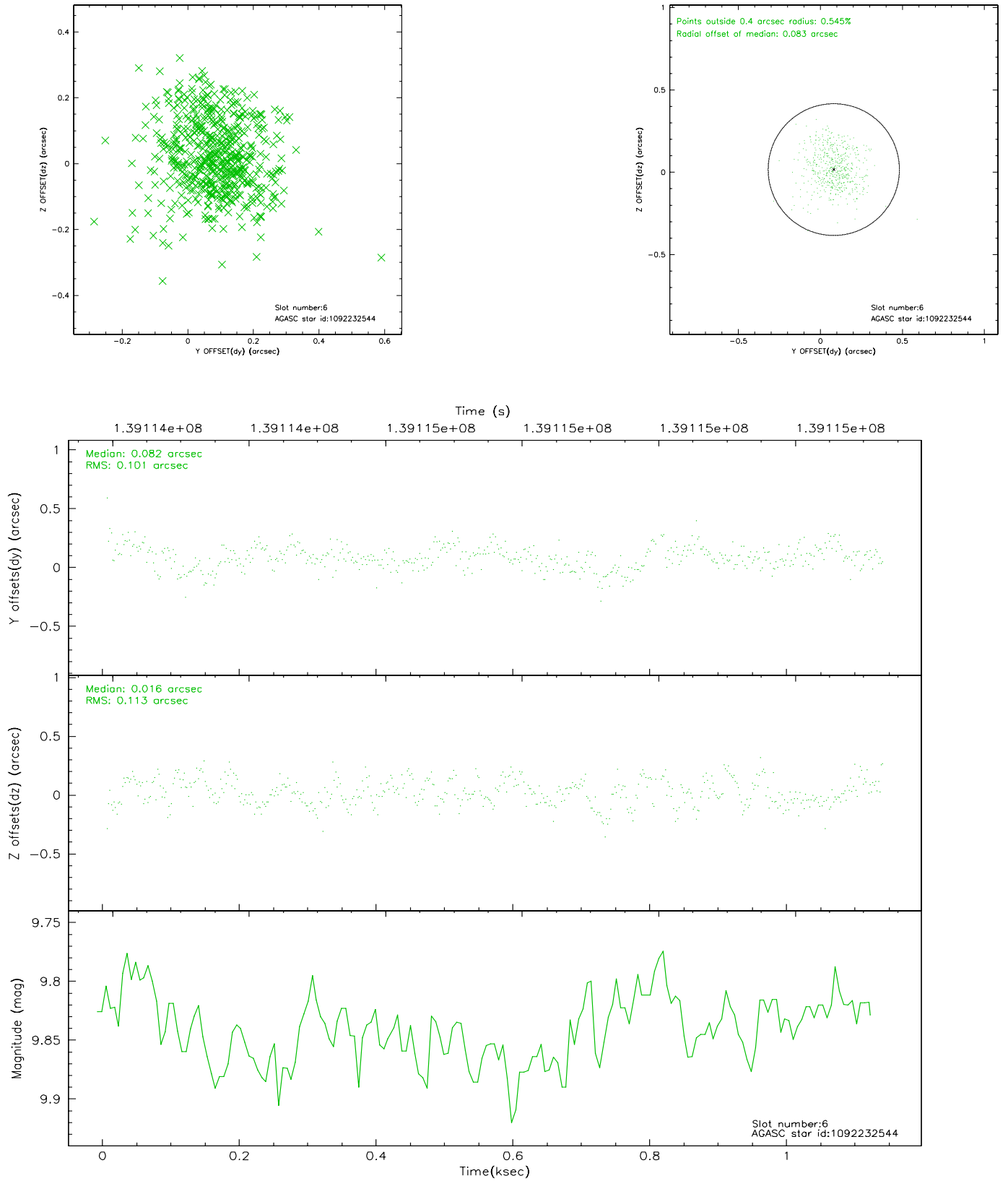
## 2.4.2 Slot 4



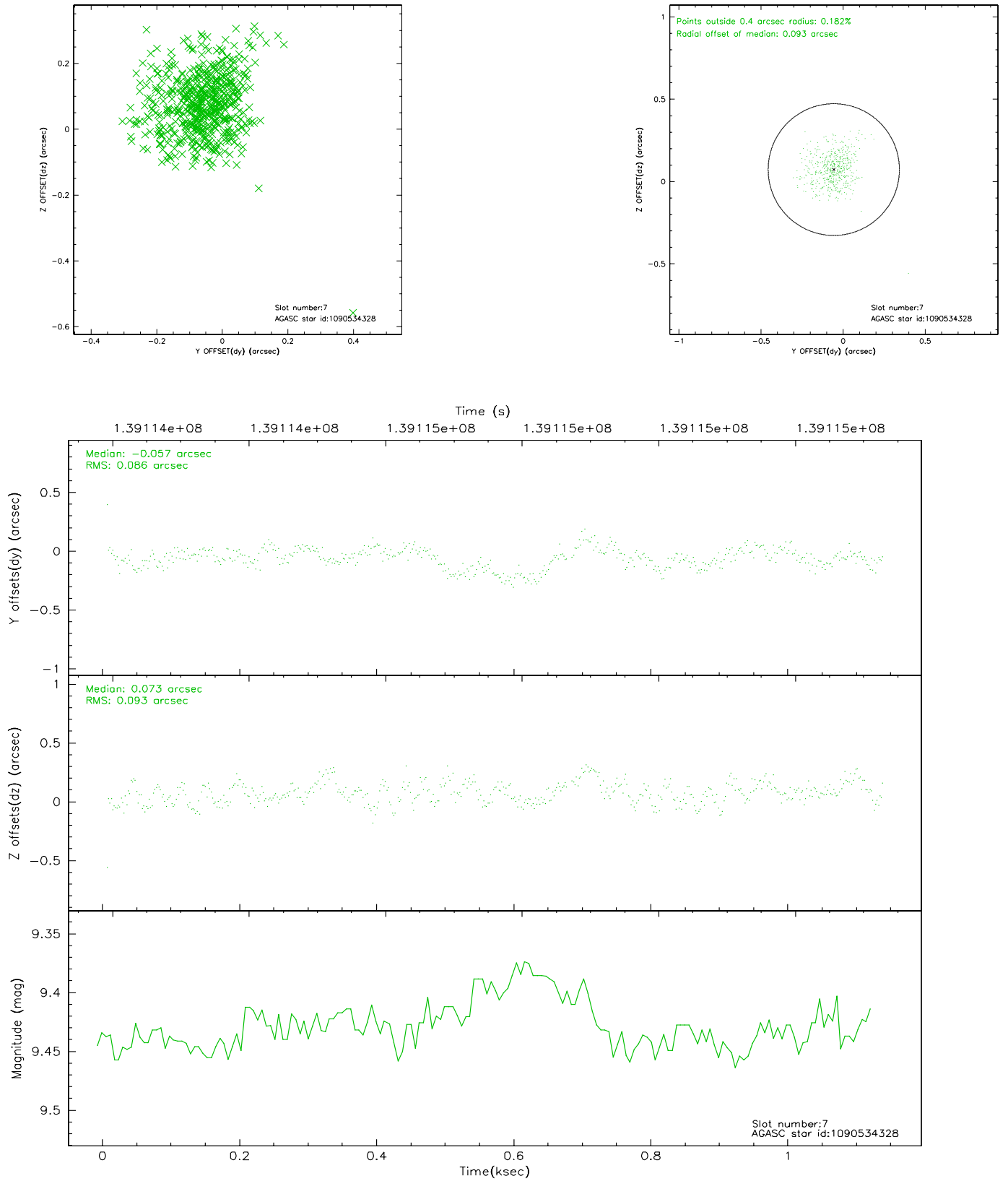
### 2.4.3 Slot 5



## 2.4.4 Slot 6

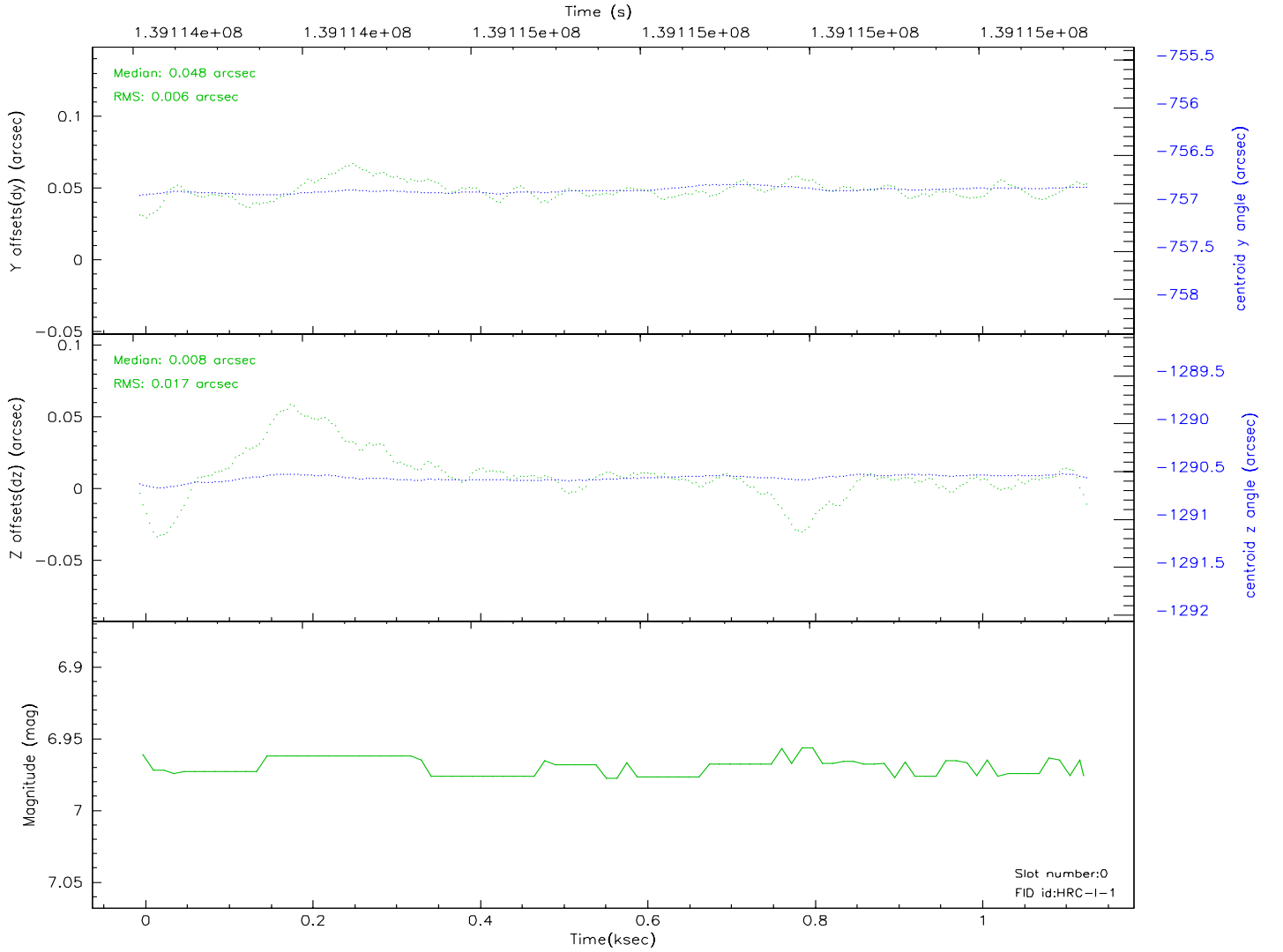
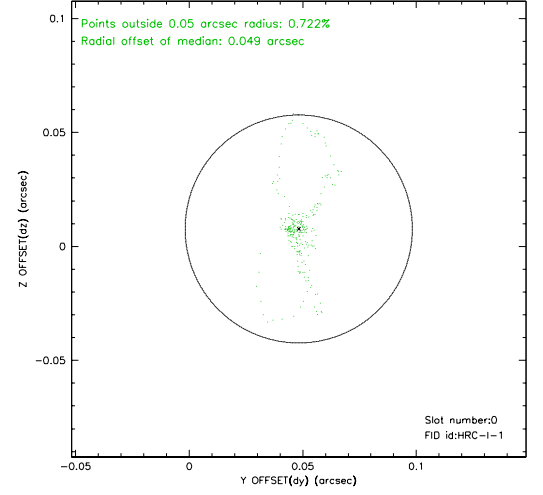
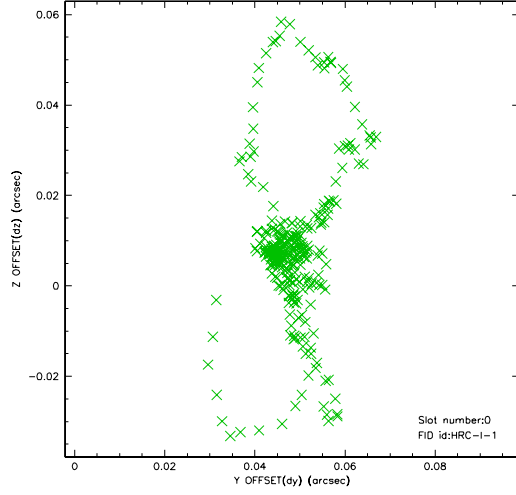


## 2.4.5 Slot 7

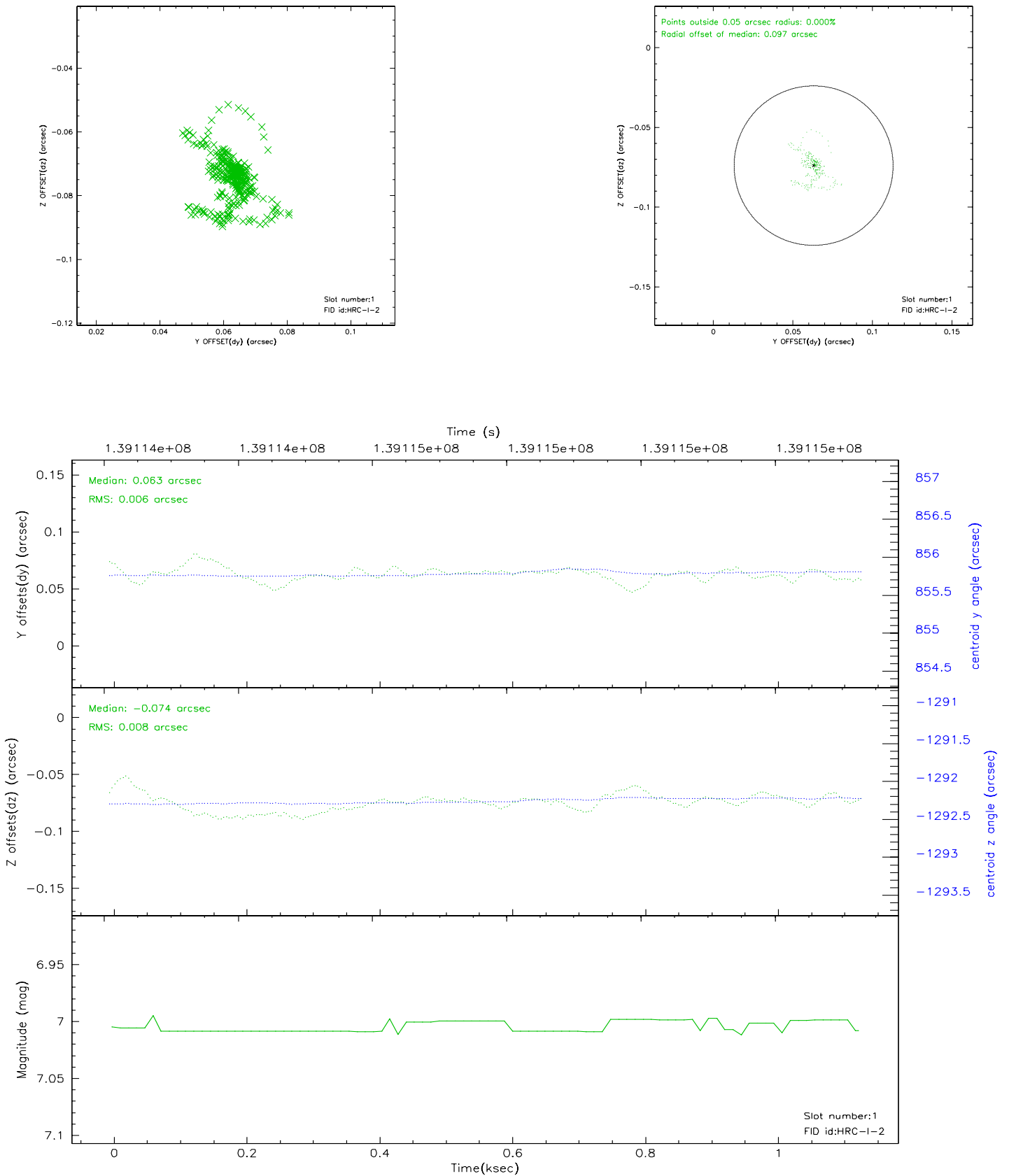


## 2.5 FID Slots

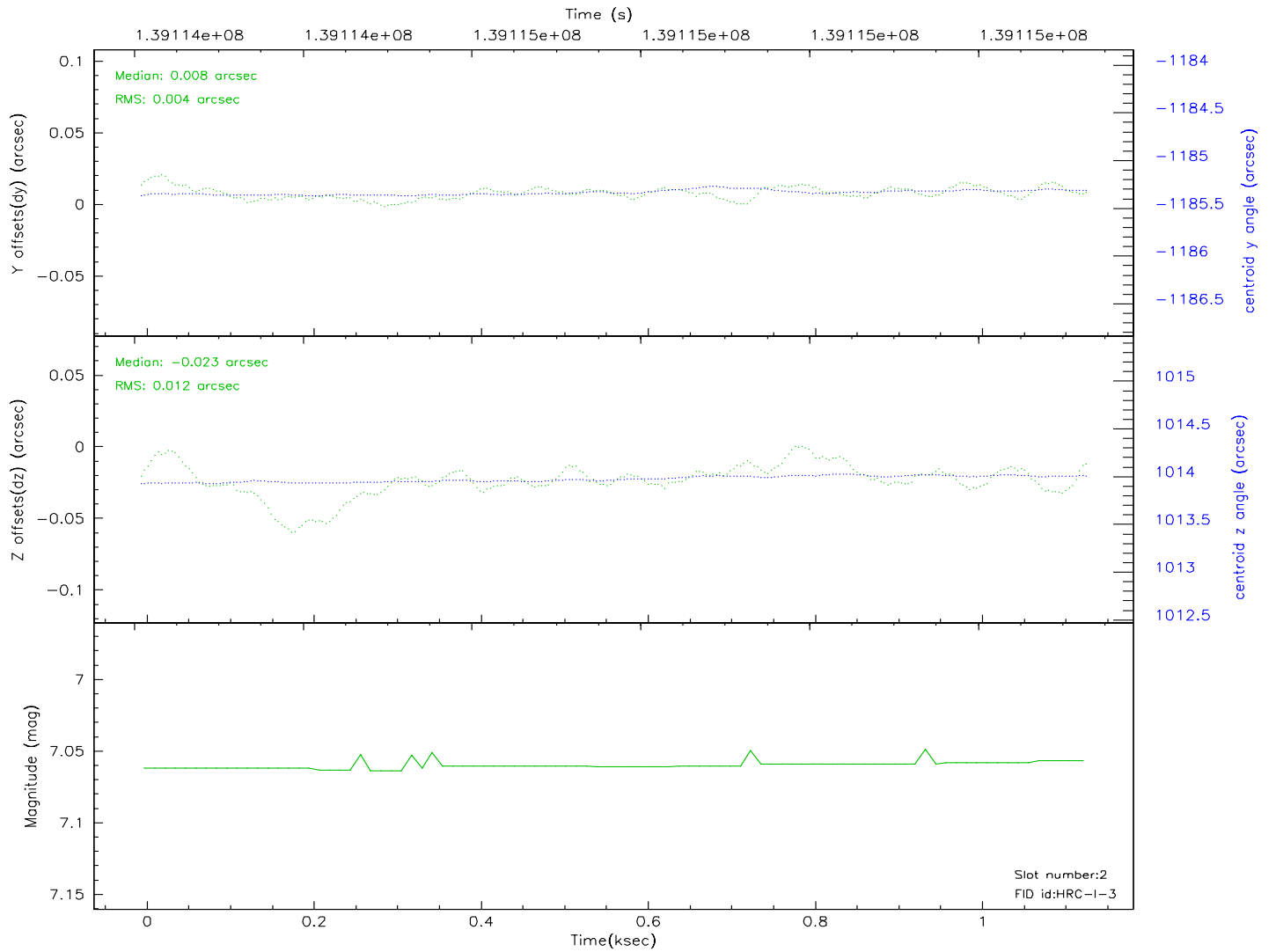
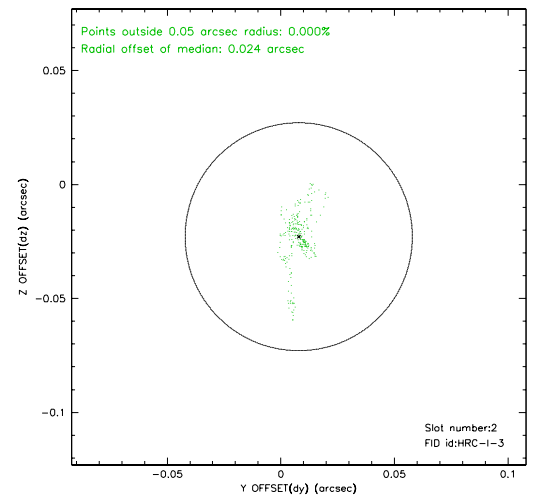
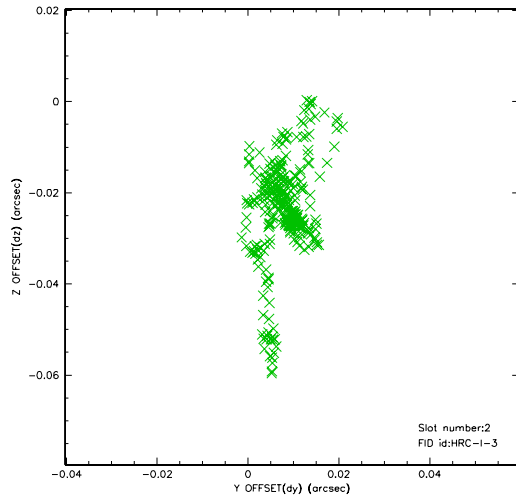
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

16.91 arcmin



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.982

## A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.