

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2555 - L2 Version 3  
Chandra X-Ray Center

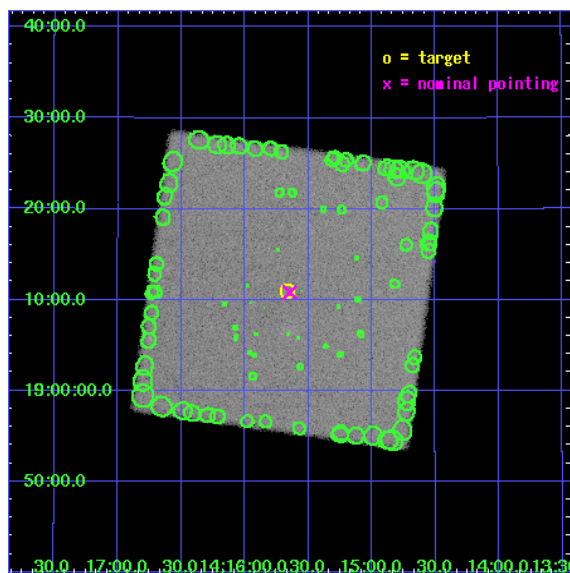
L2 Processing Date : Nov 21 2007

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# 1 Front

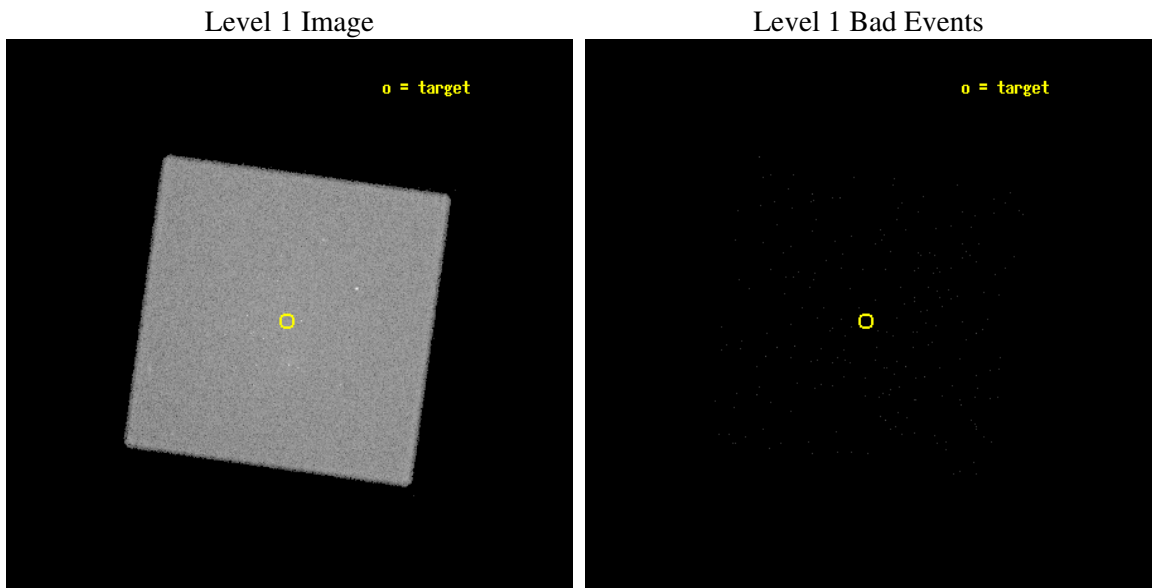
seq_num	200163
obs_id	2555
title	BURIED ALIVE IN THE CORONAL GRAVEYARD?!
observer	Dr. Thomas Ayres
object	ALPHA BOOTIS
ra_targ	213.915
dec_targ	19.1825
ra_nom	213.91113710333
dec_nom	19.180450615887
roll_nom	232.93245629282
revision	3
ontime	18482.800759107
livetime	18387.007918016
l2events	484624



## 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	2007-11-21T22:40:34
revision	3

sched_exp_time	18500.000000
ontime	18483.057006568
l1events	730624

### 2.1.3 Events

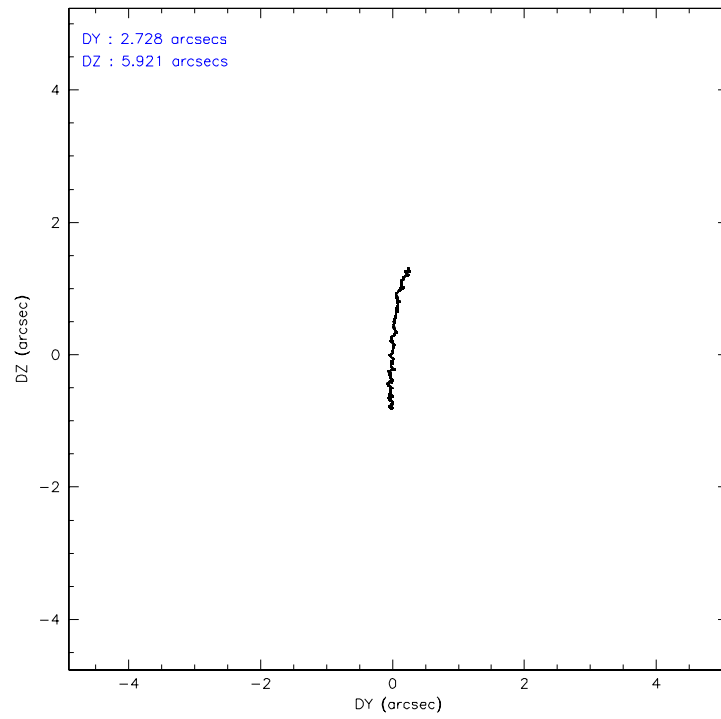
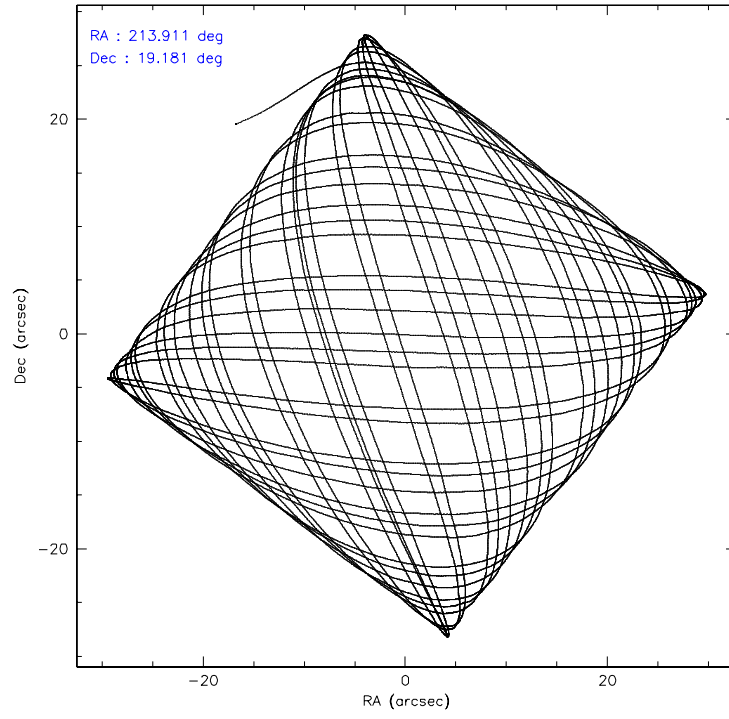
#### Level 1 Events

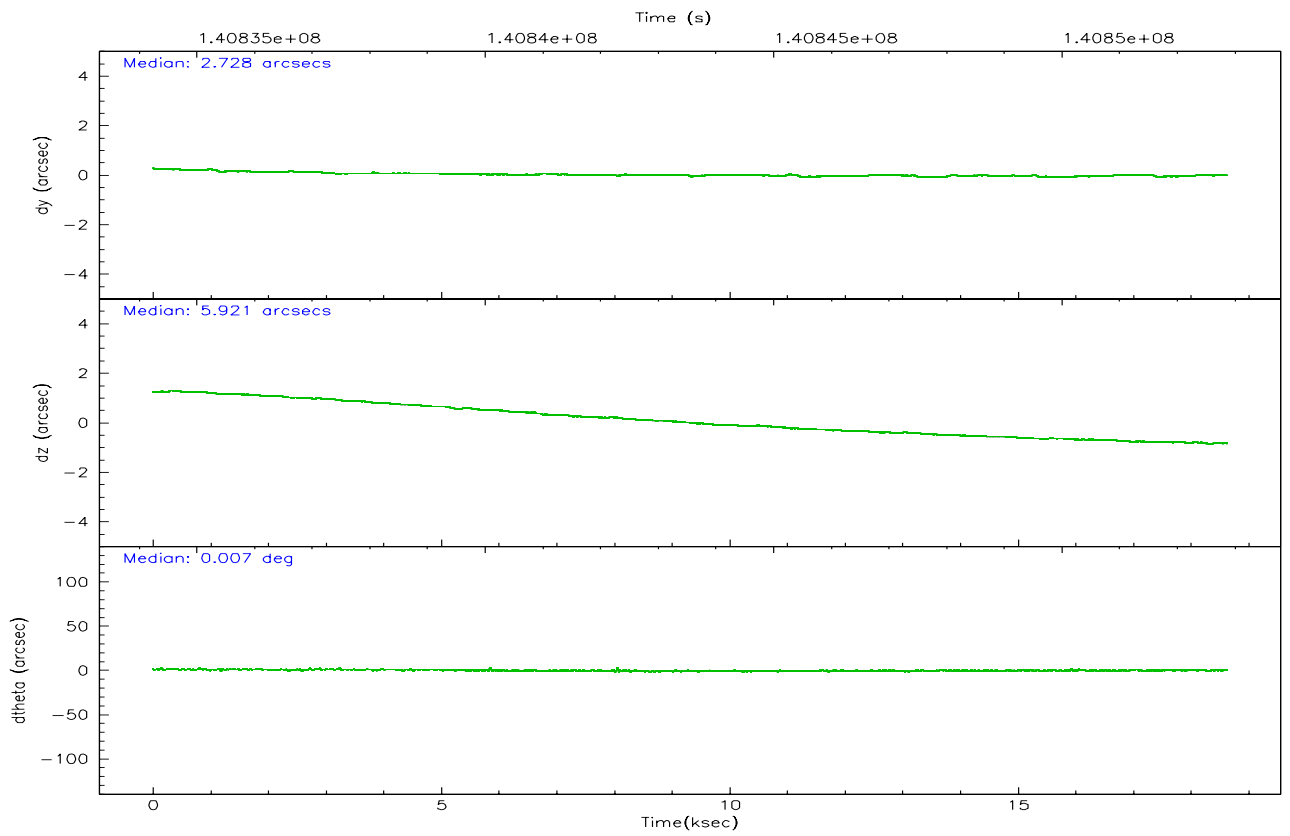
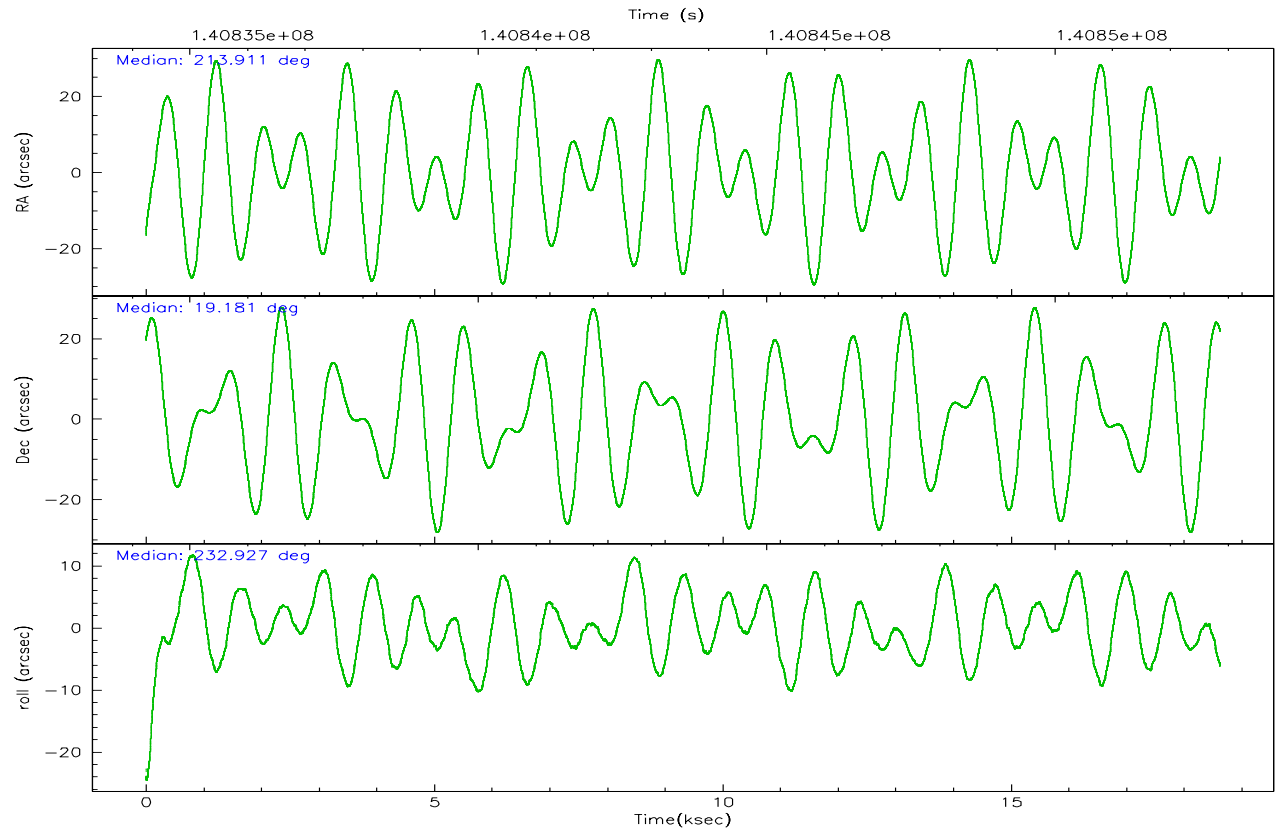
	<b>segment 0</b>
level 1 events	730624
rejected events	4970
rejected %	0%

## 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	213.914057	213.9111371033348			
Pointing Dec	19.207364	19.18045061588742			
Pointing Roll	233.026984	232.9324562928238			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	140834363.184000	140833372.79154			
Observation start date	2002-06-19T00:38:19	2002-06-19T00:22:52			
Observation end time	140852863.184000	140853831.27988			
Observation end date	2002-06-19T05:46:39	2002-06-19T06:03:51			

## 2.3 Aspect





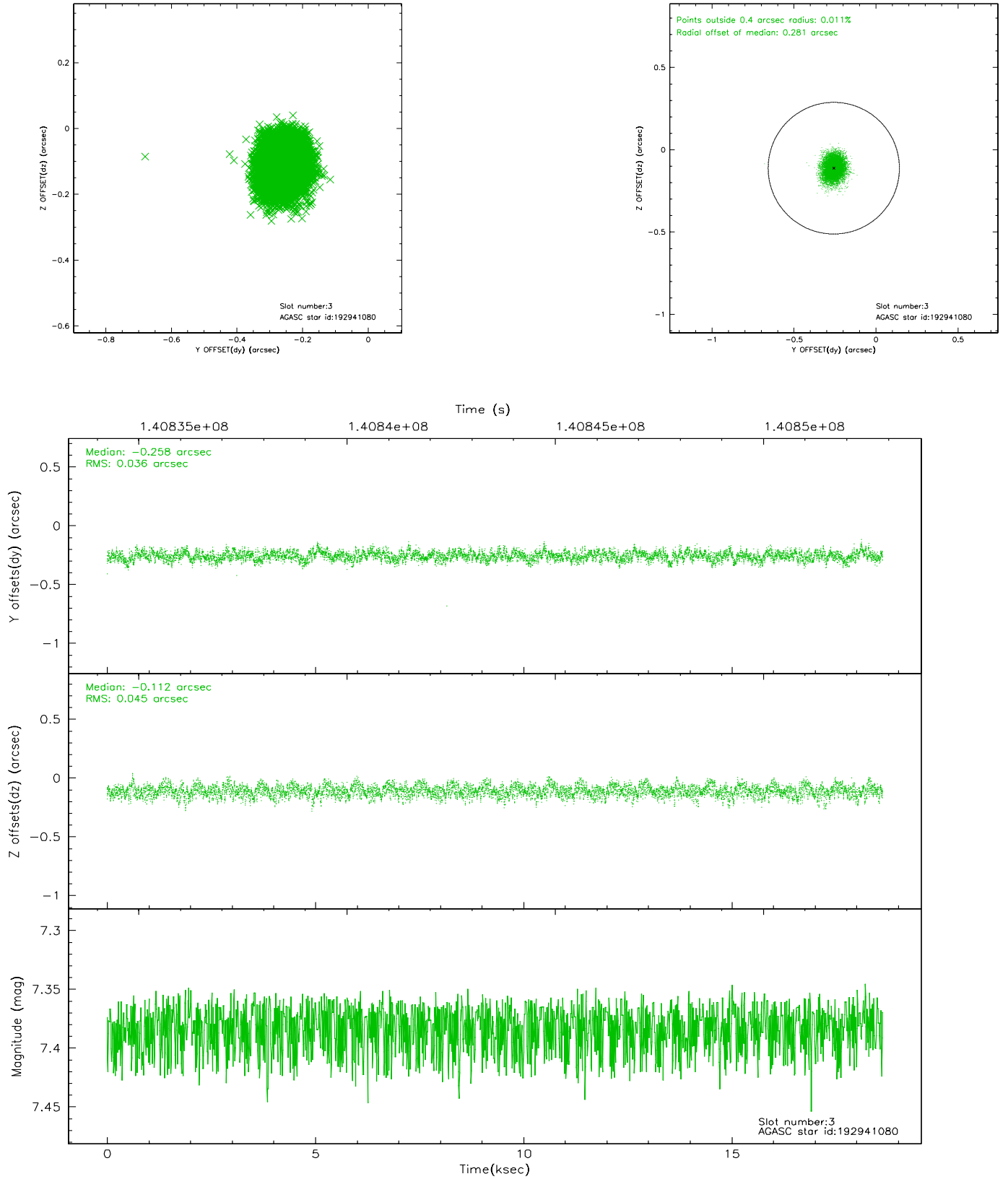
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	4544	0.012	0.006	0.015	0.028	0.000000	0.000000	-758.19	-1293.85
1	FID	HRC-I-2	7.02	4544	0.065	-0.035	0.014	0.032	0.000000	0.000000	854.33	-1295.72
2	FID	HRC-I-3	7.07	4543	0.045	-0.064	0.022	0.041	0.000000	0.000000	-1186.50	1010.35
3	GUIDE	192941080	7.38	9088	-0.258	-0.112	0.062	0.100	213.765305	19.900558	-1691.11	-1902.61
4	GUIDE	192942264	7.57	9088	-0.133	-0.047	0.054	0.088	213.489145	19.580360	-207.51	-1959.37
5	GUIDE	192811280	9.18	9082	0.185	-0.104	0.102	0.166	213.028690	19.054237	2246.74	-2079.21
6	GUIDE	192943728	9.12	9084	0.080	0.161	0.071	0.116	213.833075	18.582958	1962.27	1132.25
7	GUIDE	192944336	9.15	9085	0.126	0.103	0.072	0.119	213.613483	18.965688	1310.28	-293.44

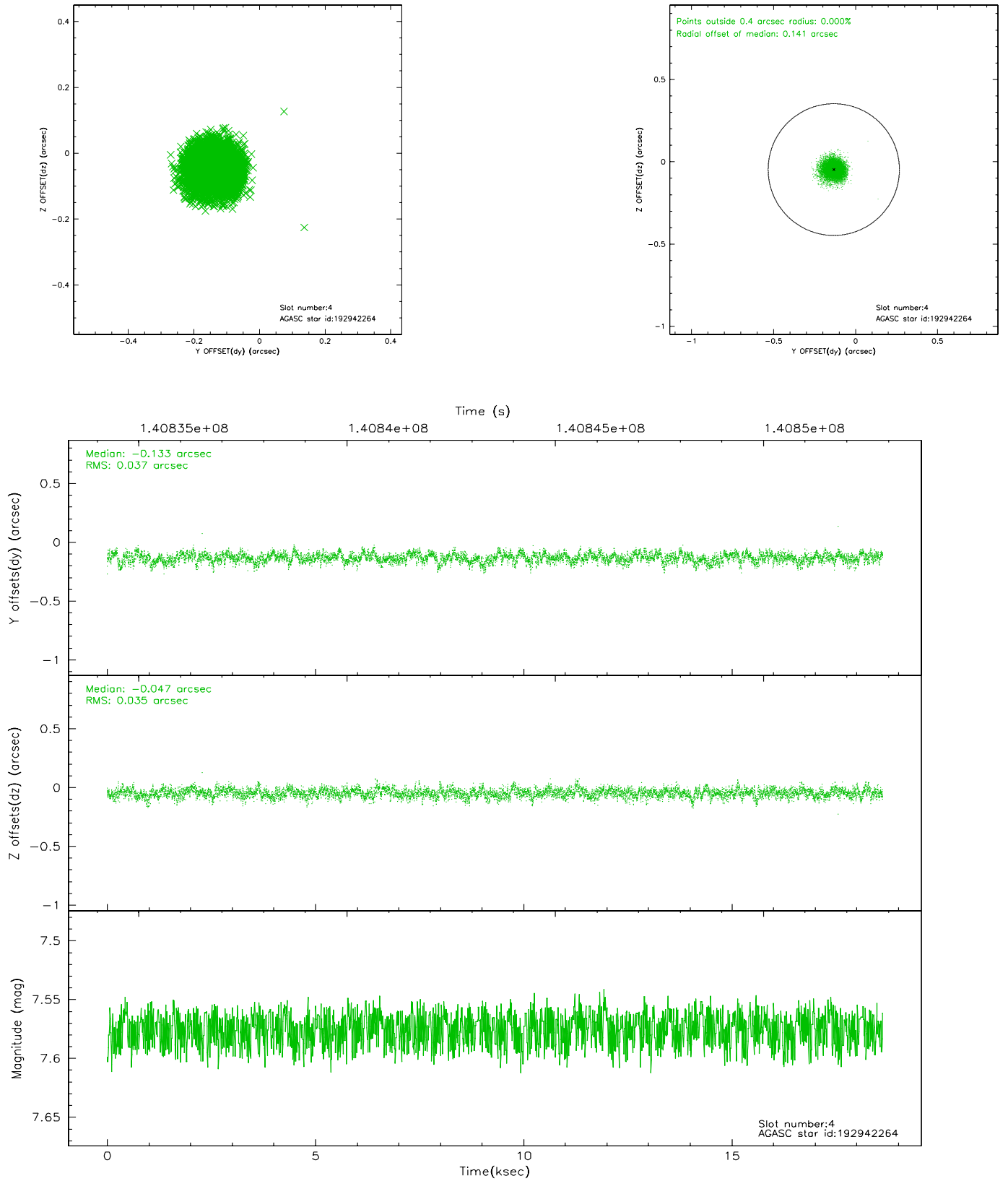


## 2.4 Star Slots

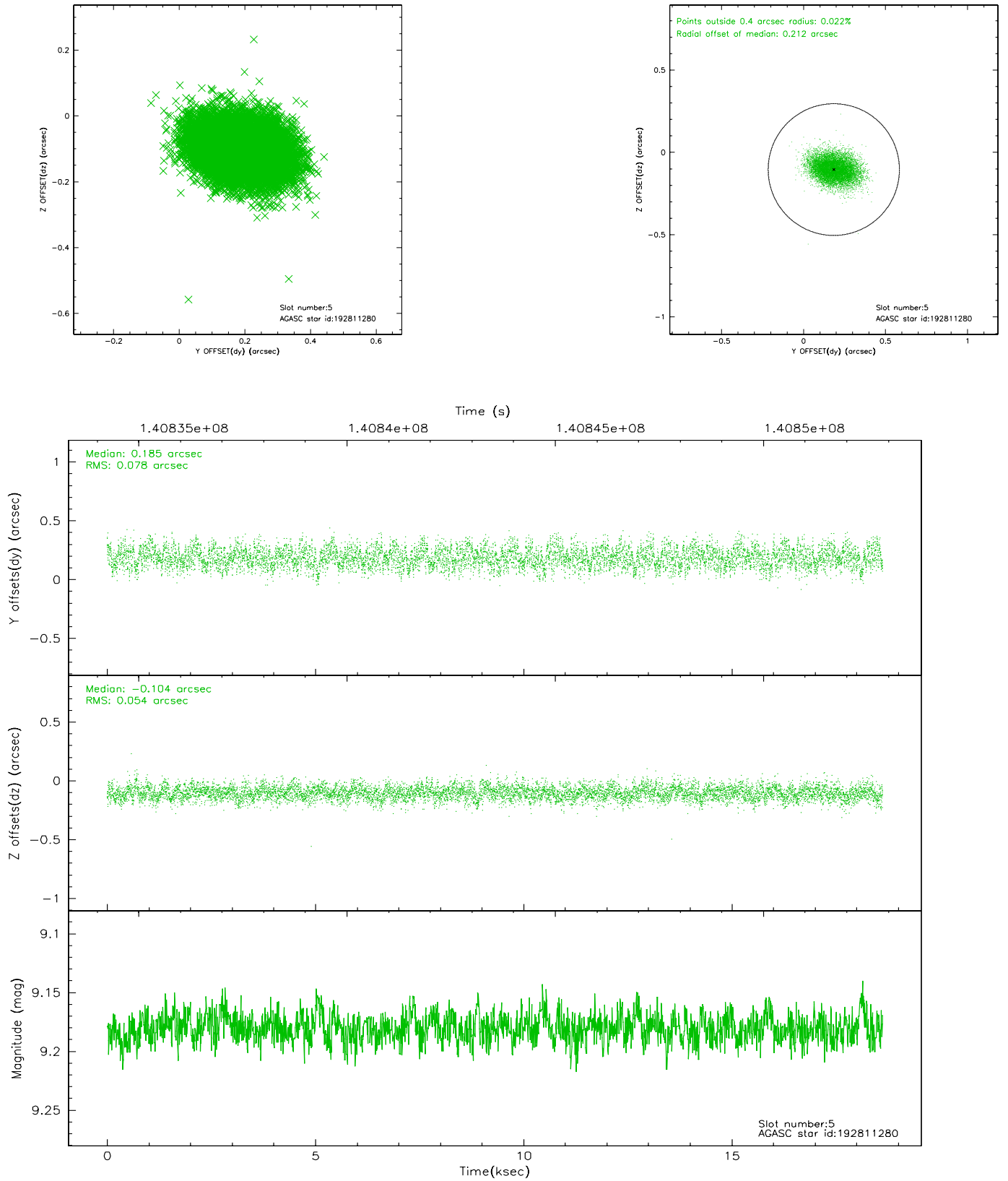
### 2.4.1 Slot 3



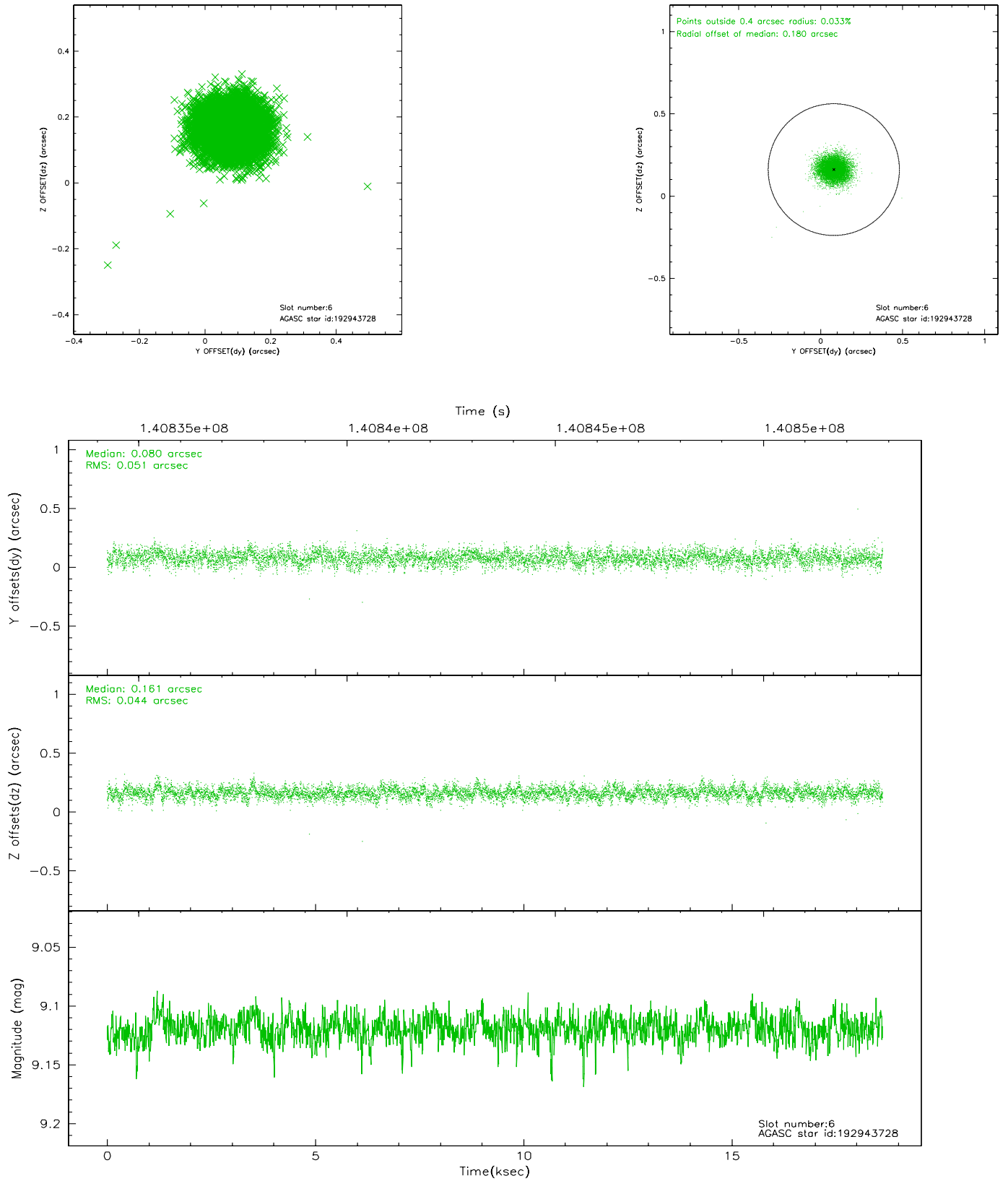
## 2.4.2 Slot 4



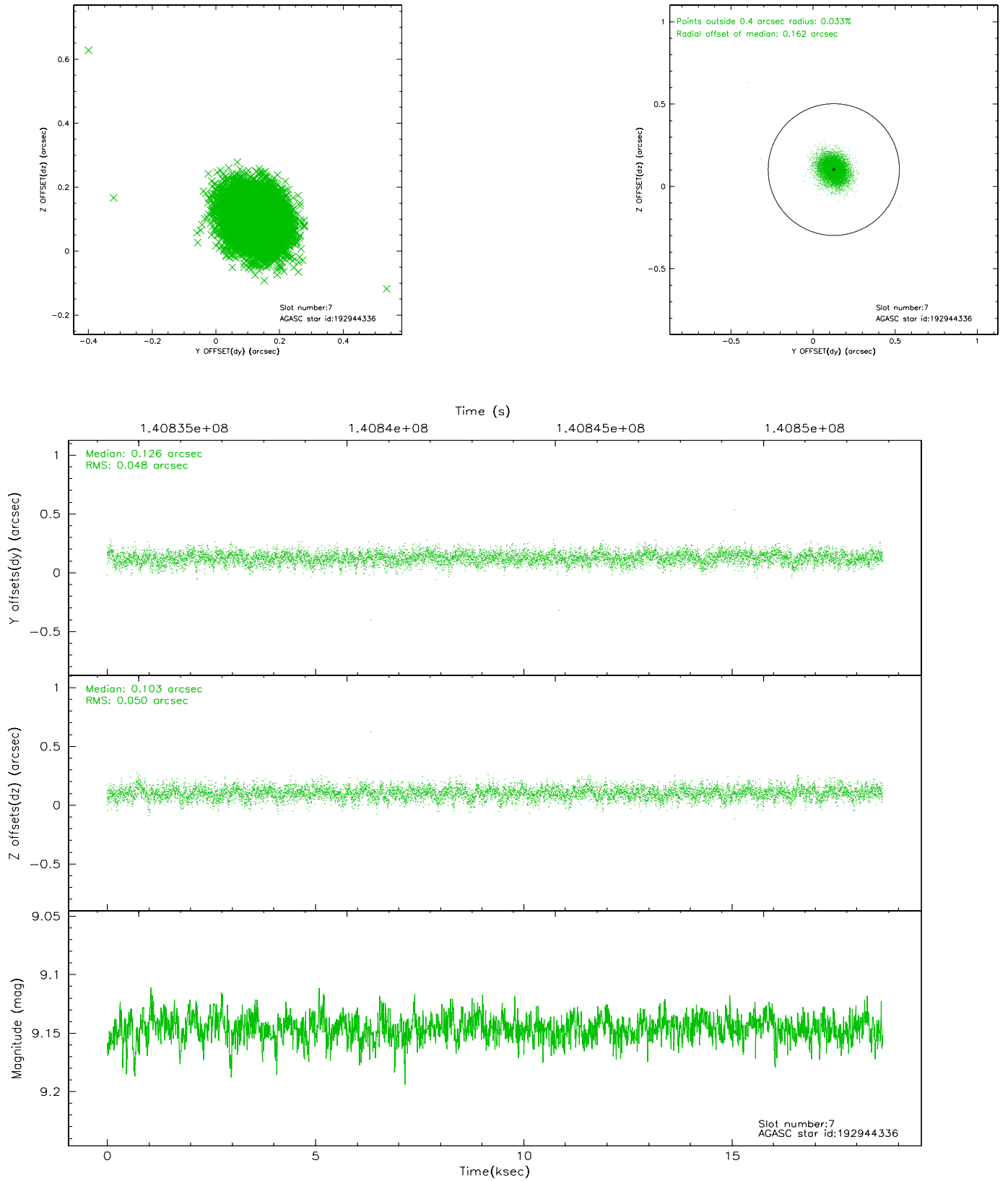
### 2.4.3 Slot 5



## 2.4.4 Slot 6

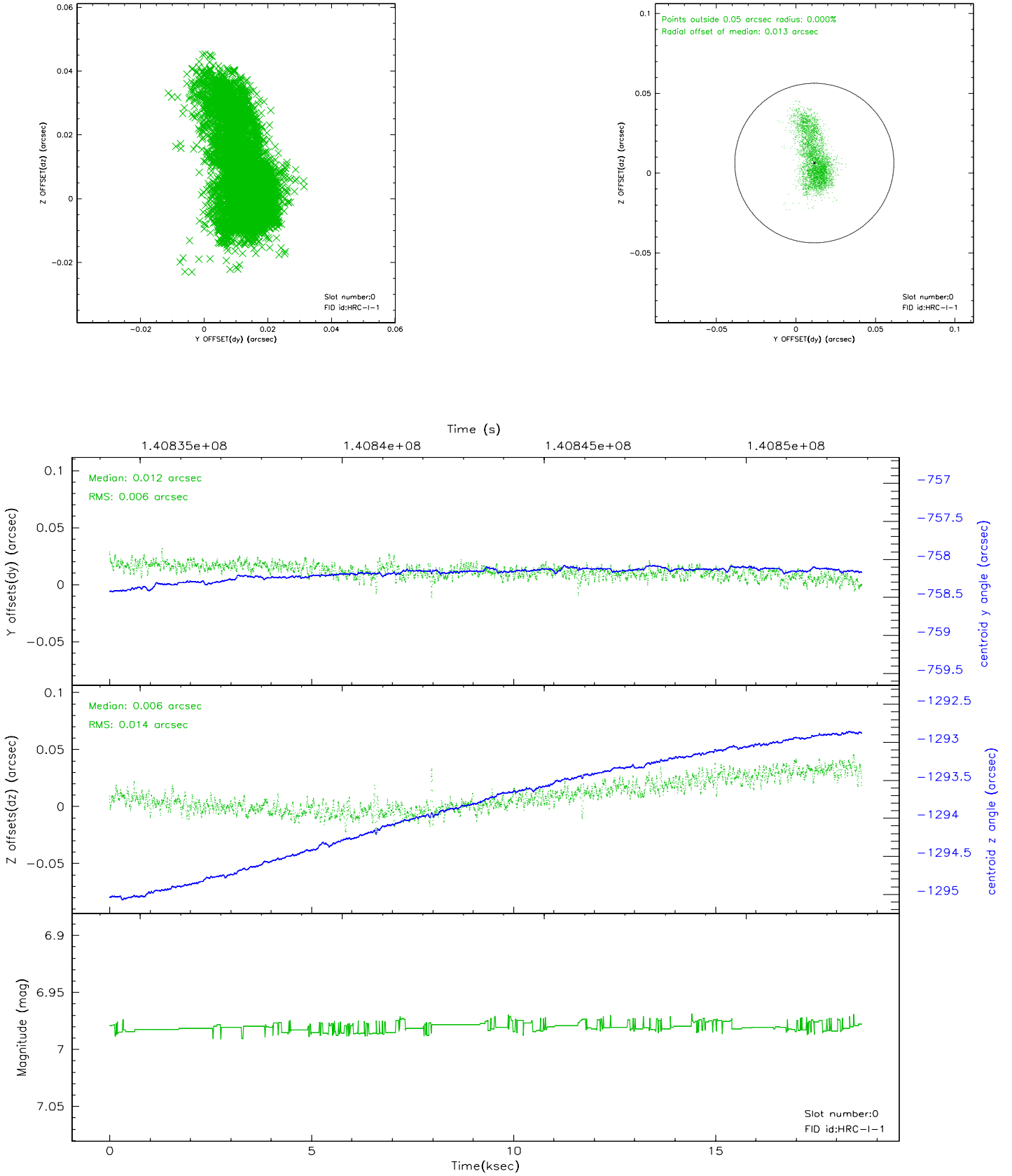


## 2.4.5 Slot 7

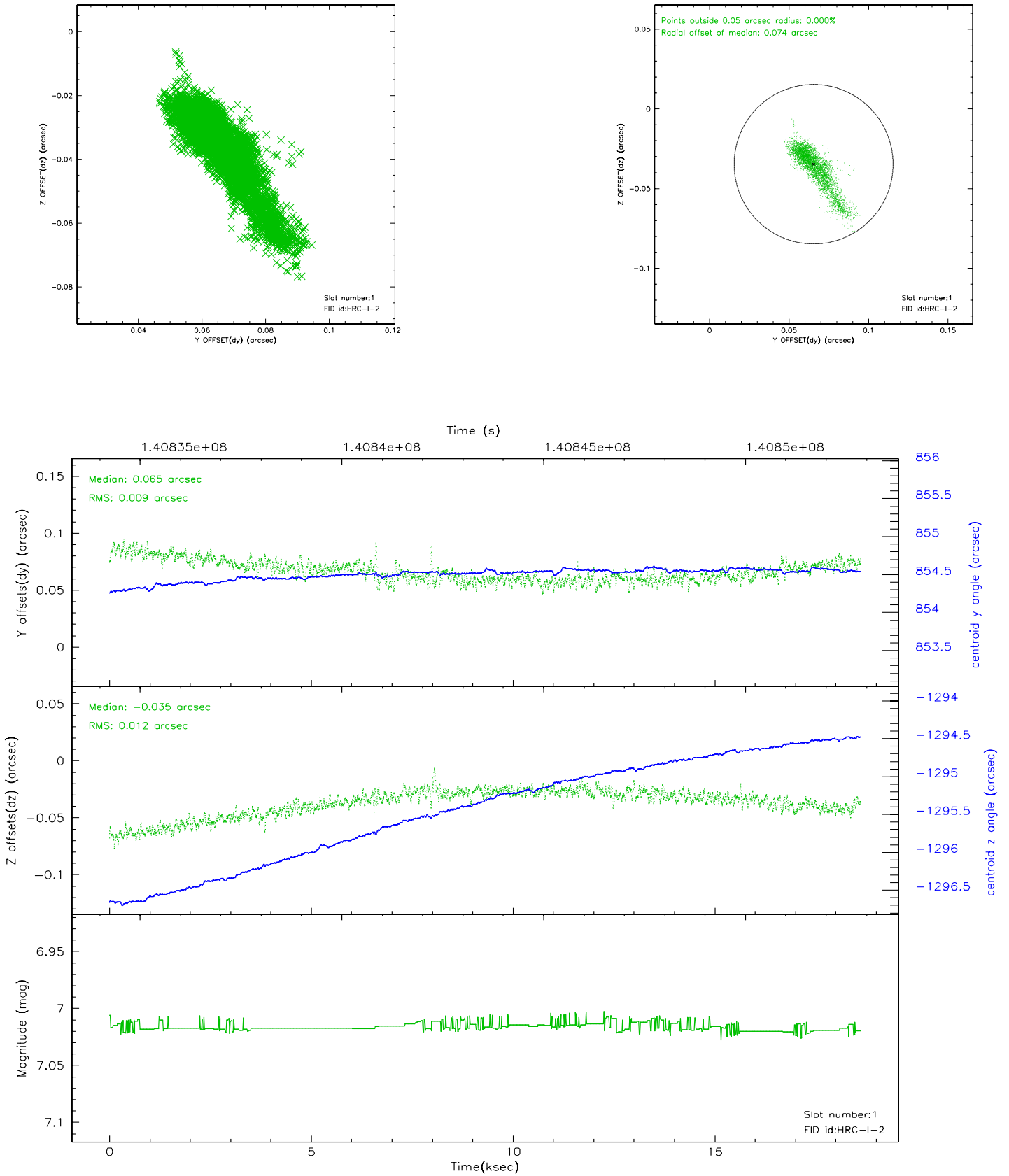


## 2.5 FID Slots

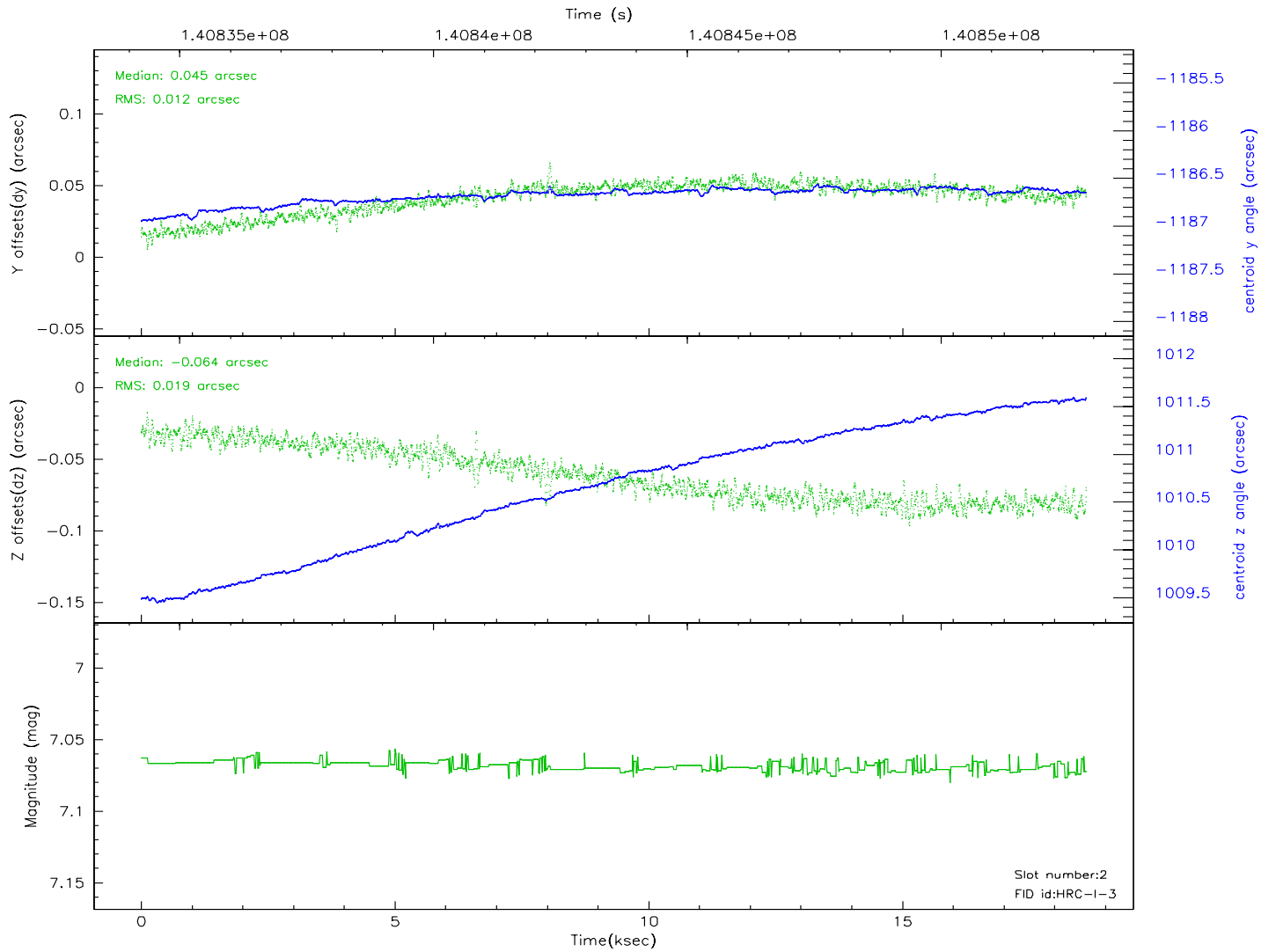
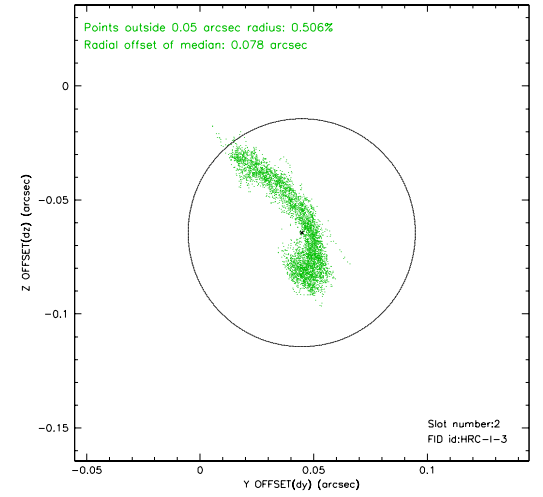
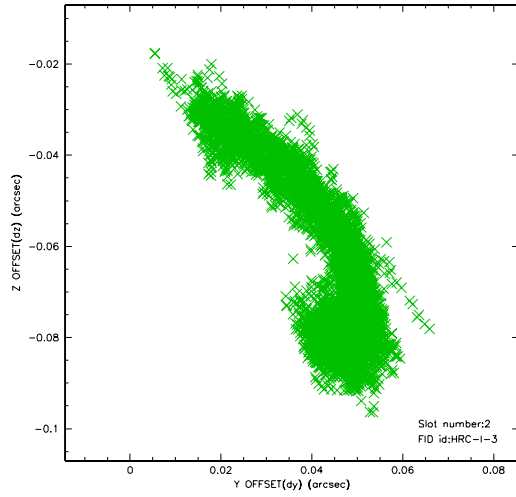
### 2.5.1 Slot 0



## 2.5.2 Slot 1

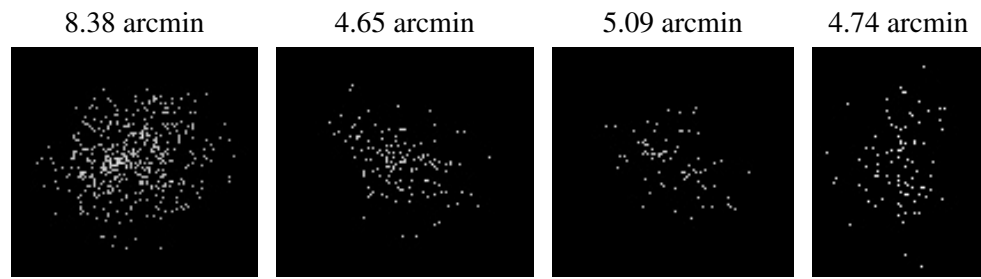


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.482

### 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.