

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 1976 - L2 Version 001  
Chandra X-Ray Center

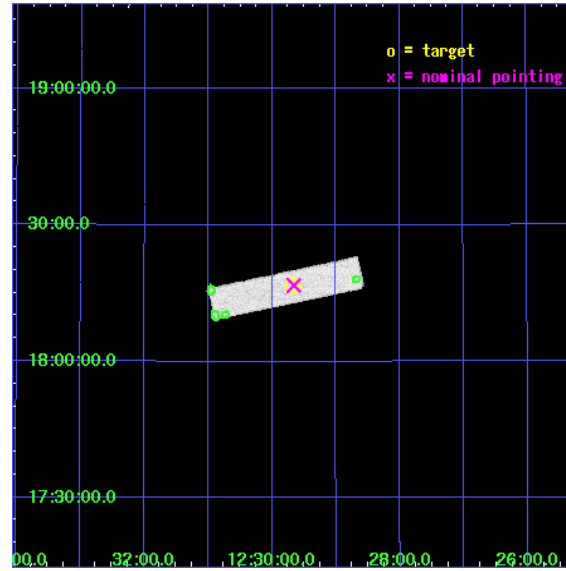
L2 Processing Date : Nov 15 2006

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# 1 Front

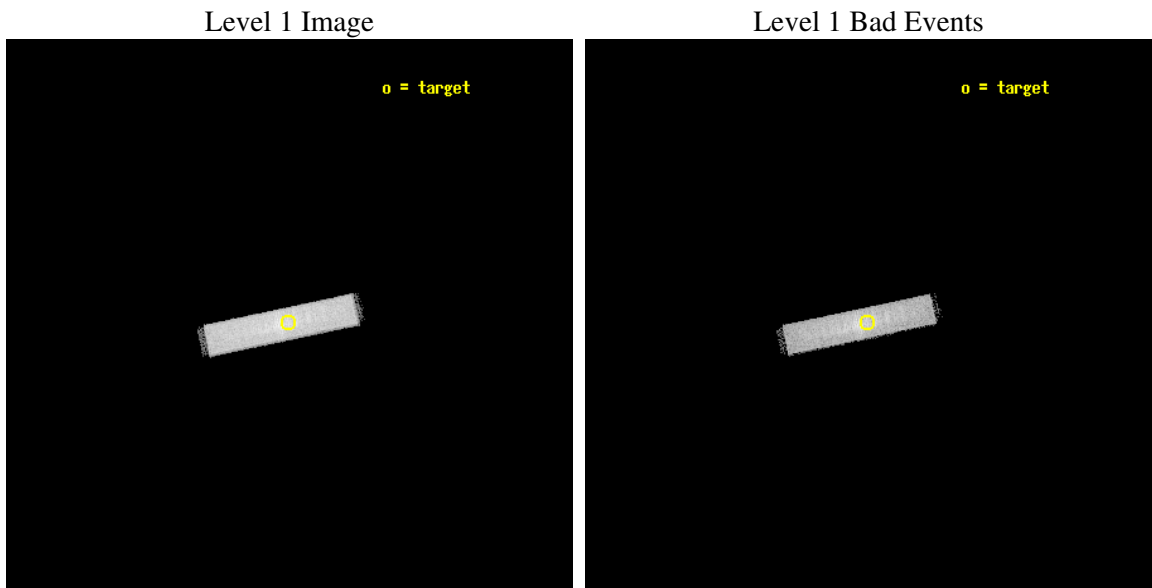
seq_num	500153
obs_id	1976
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS
observer	Prof. Robert Rutledge
object	1RXSJ1229+1816
ra_targ	187.419167
dec_targ	18.279167
ra_nom	187.41463211474
dec_nom	18.279409122256
roll_nom	168.09033009846
revision	2
ontime	1124.6812935621
livetime	1121.3697536475
l2events	28221



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-15T21:41:44
revision	2

sched_exp_time	1150.000000
ontime	1206.4250467271
l1events	78006

### 2.1.3 Events

Level 1 Events

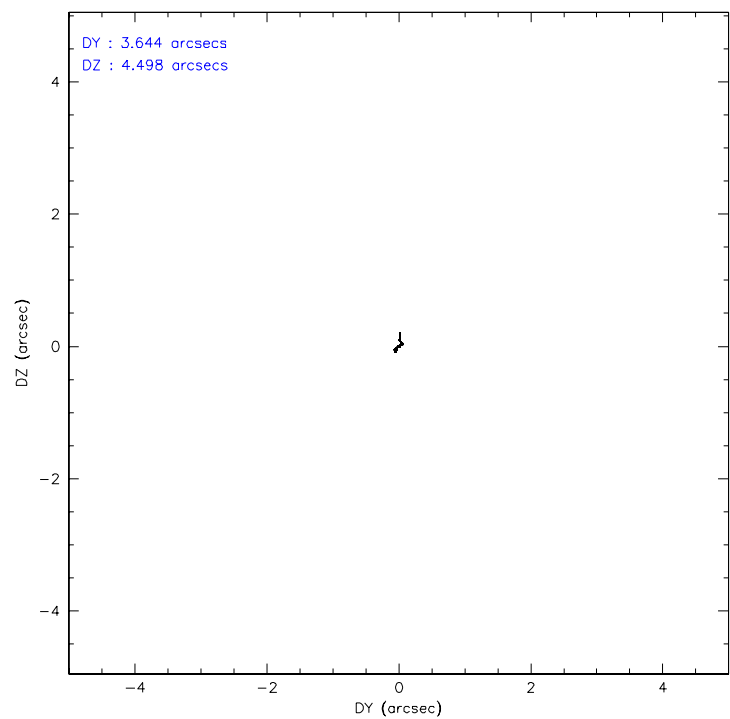
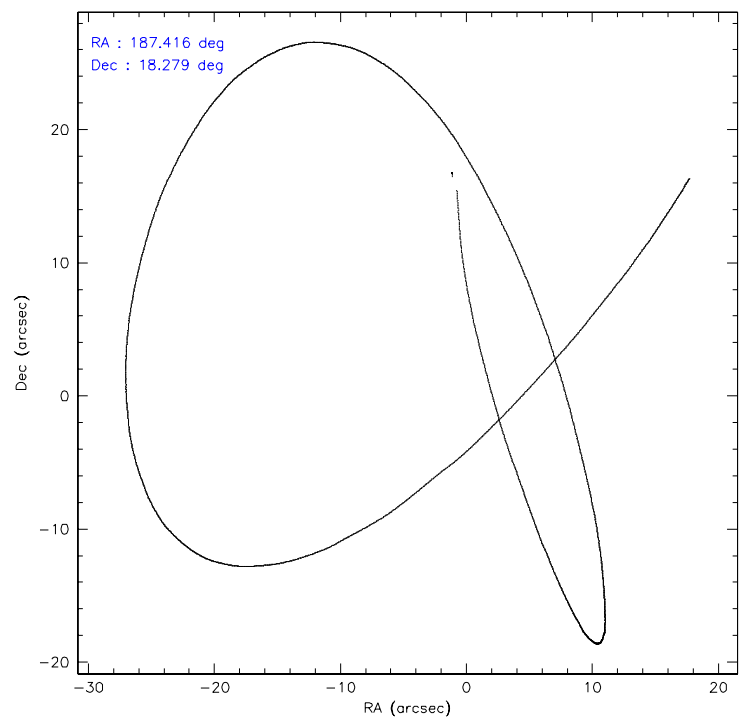
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	118	77887	1
rejected events	115	47204	1
rejected %	97%	60%	100%

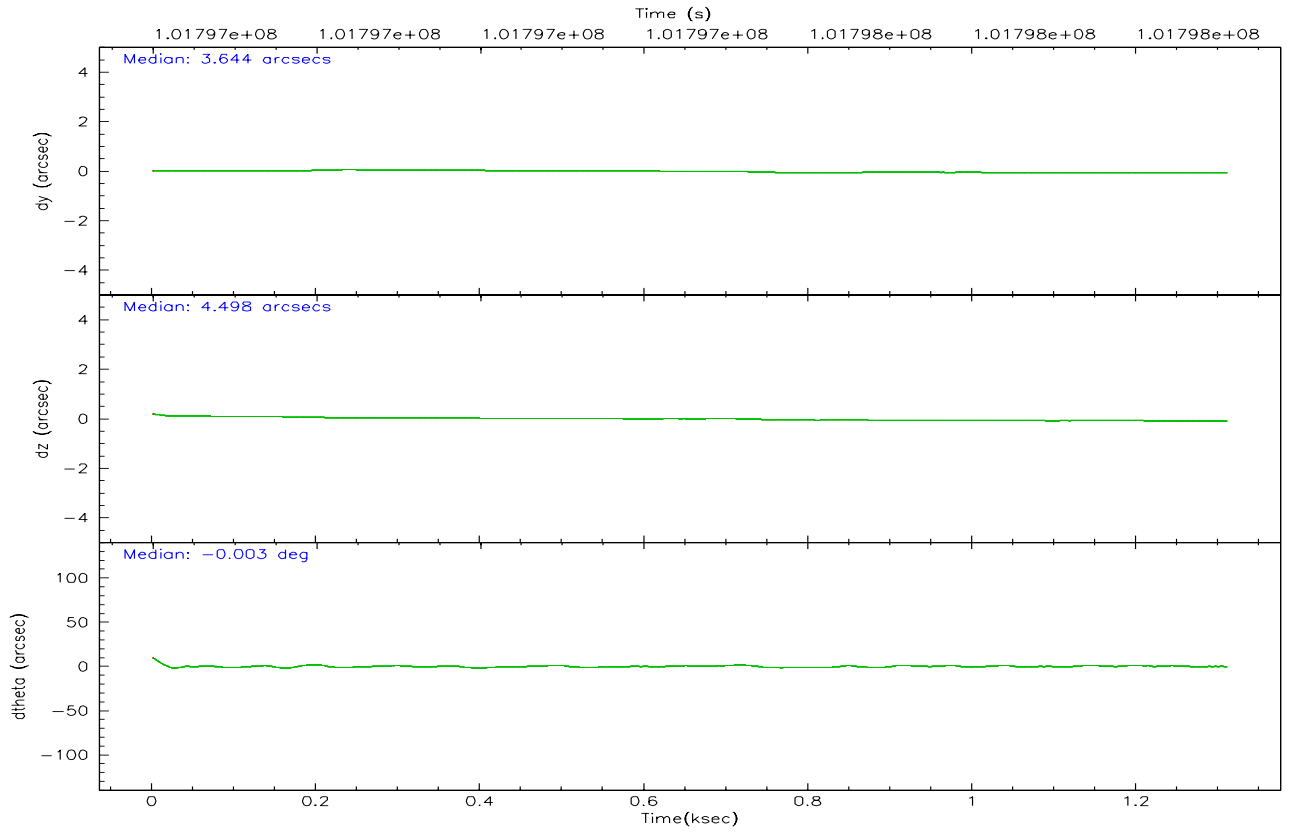
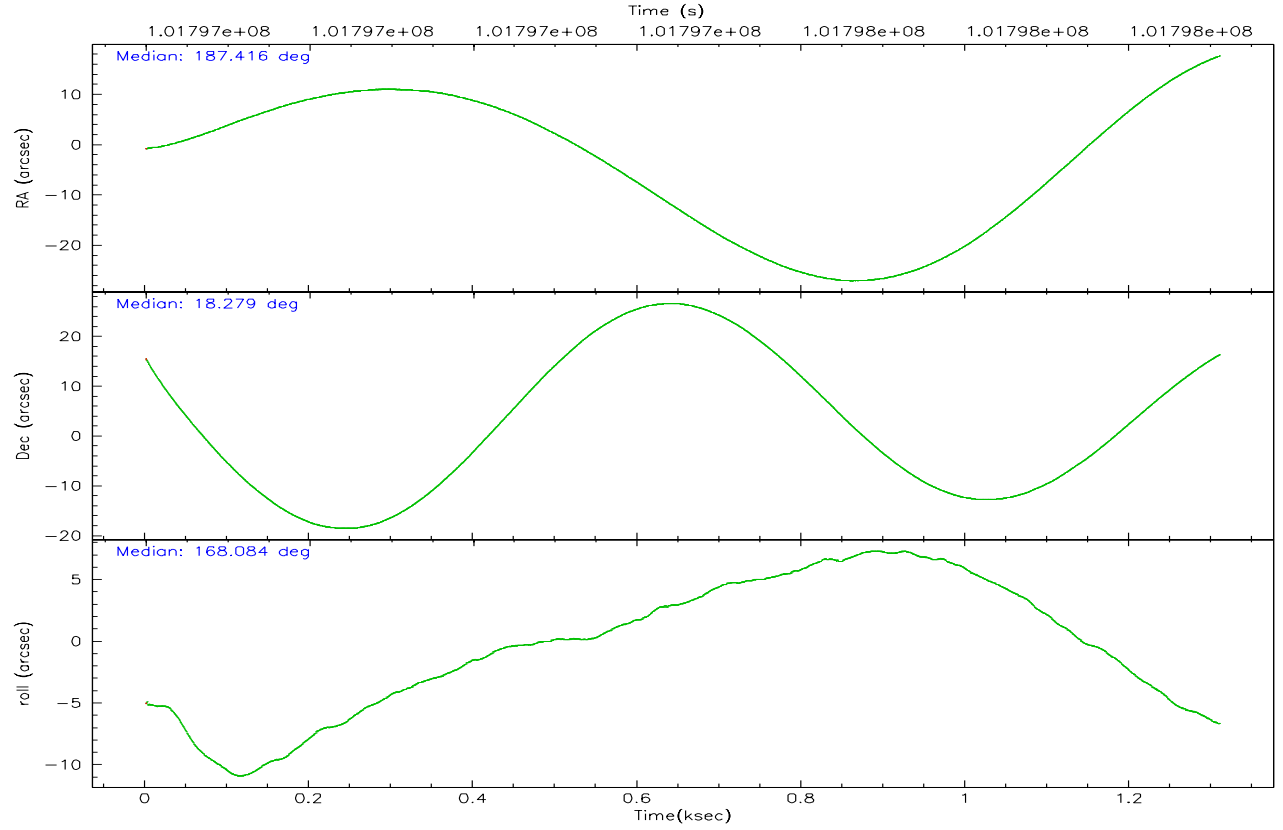
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	187.442507	187.4146321147431
Pointing Dec	18.290482	18.27940912225602
Pointing Roll	168.014245	168.0903300984596
SIM focus pos (mm)	-1.529586	-1.523540733526241
SIM defocus (mm)	0.003750771043328743	0.009795905878055677
SIM translation stage pos (mm)	250.455976	250.4635187648994
SIM translation stage offset (mm)	0	-0.007540371344731511
Observation start time	101796961.184000	101796383.5874
Observation start date	2001-03-24T04:54:57	2001-03-24T04:46:23
Observation end time	101798111.184000	101798753.38749
Observation end date	2001-03-24T05:14:07	2001-03-24T05:25:53

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





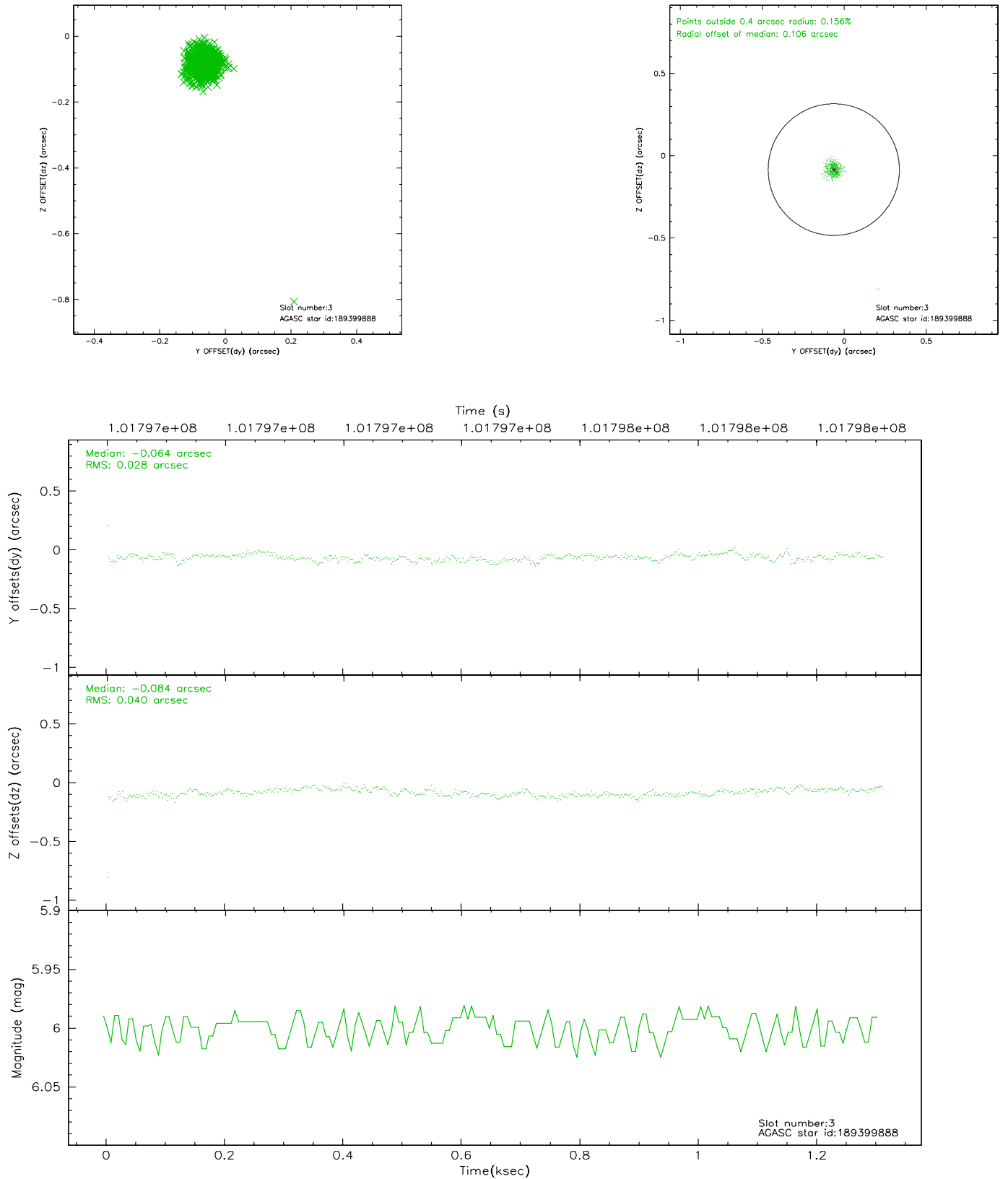
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	320	0.134	-0.143	0.006	0.012	0.000000	0.000000	-1157.69	-452.94
1	FID	HRC-S-3	7.00	320	0.145	-0.053	0.008	0.013	0.000000	0.000000	-1164.02	575.26
2	FID	HRC-S-4	6.93	320	0.109	-0.102	0.005	0.010	0.000000	0.000000	1236.89	580.98
3	GUIDE	189399888	6.00	640	-0.064	-0.084	0.041	0.066	187.531126	17.895616	-590.50	1324.35
4	GUIDE	189405064	7.34	640	-0.059	-0.003	0.053	0.090	186.887888	17.834342	1519.62	1997.60
5	GUIDE	189663456	7.99	640	-0.131	0.133	0.048	0.074	186.991225	18.802334	1891.78	-1484.48
6	GUIDE	189403984	8.27	640	0.158	-0.050	0.054	0.085	187.021519	18.330647	1442.64	150.57
7	GUIDE	189409592	8.96	639	0.103	0.010	0.086	0.135	187.852382	17.693080	-1817.45	1807.45

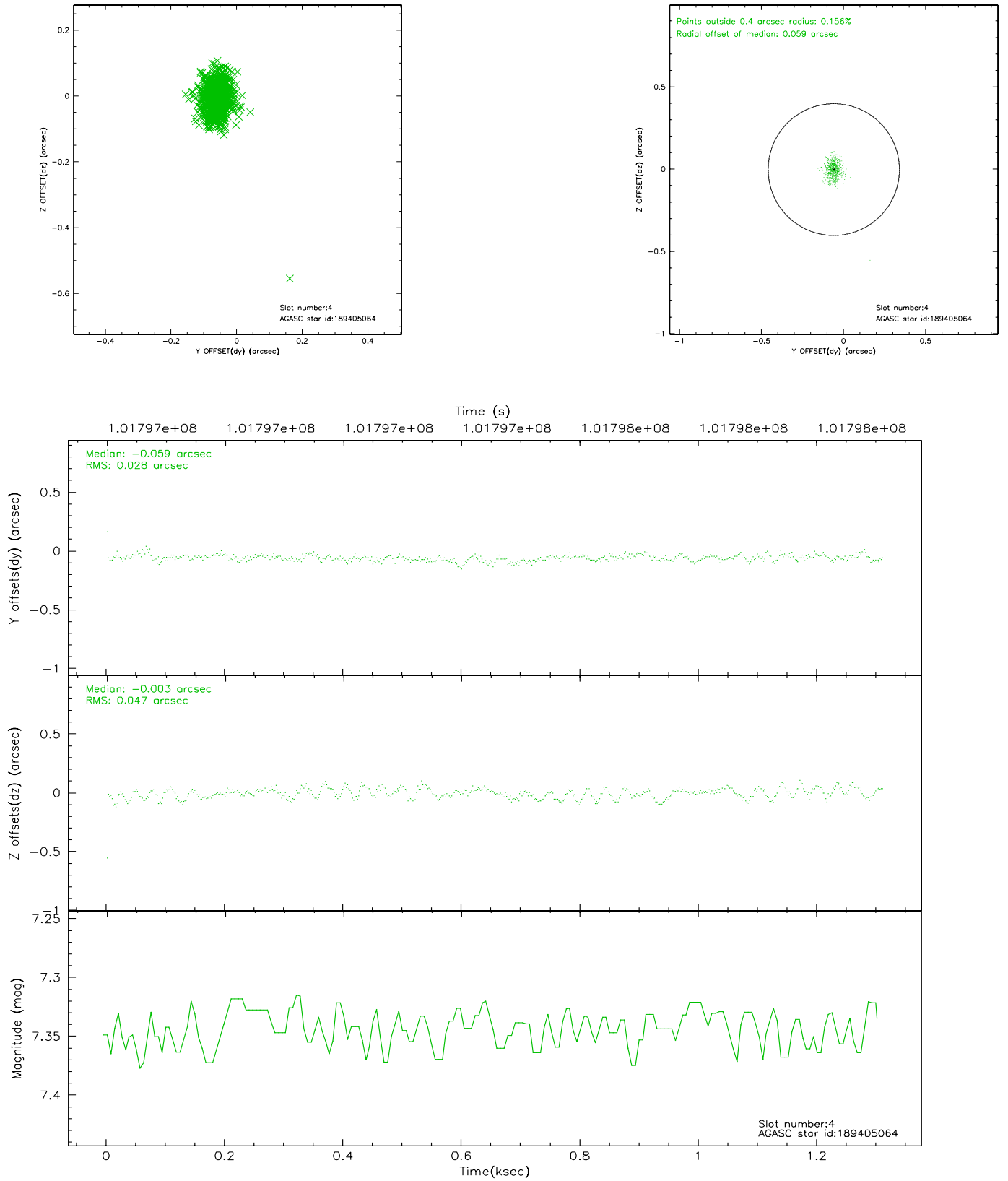


## 2.4 Star Slots

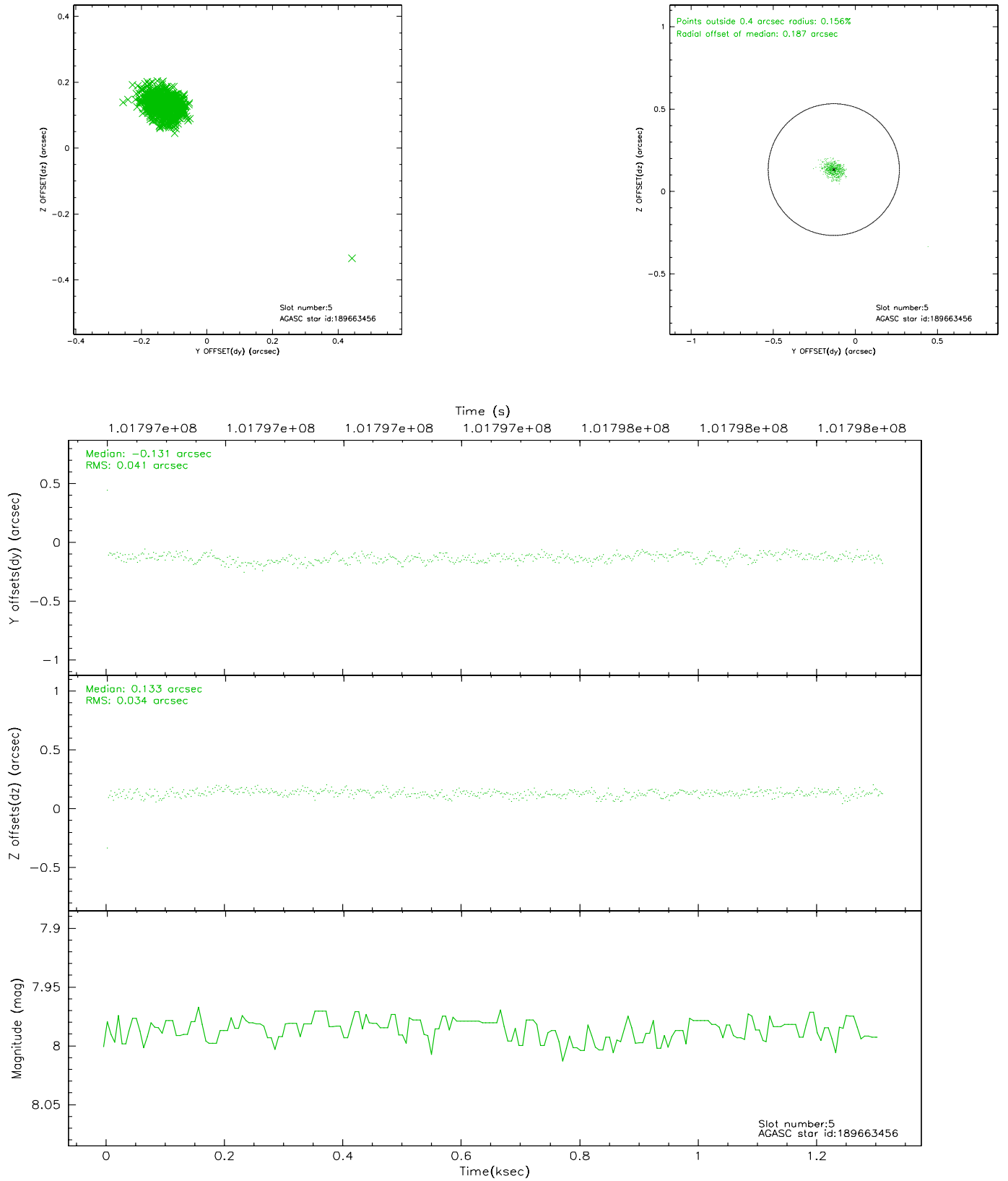
### 2.4.1 Slot 3



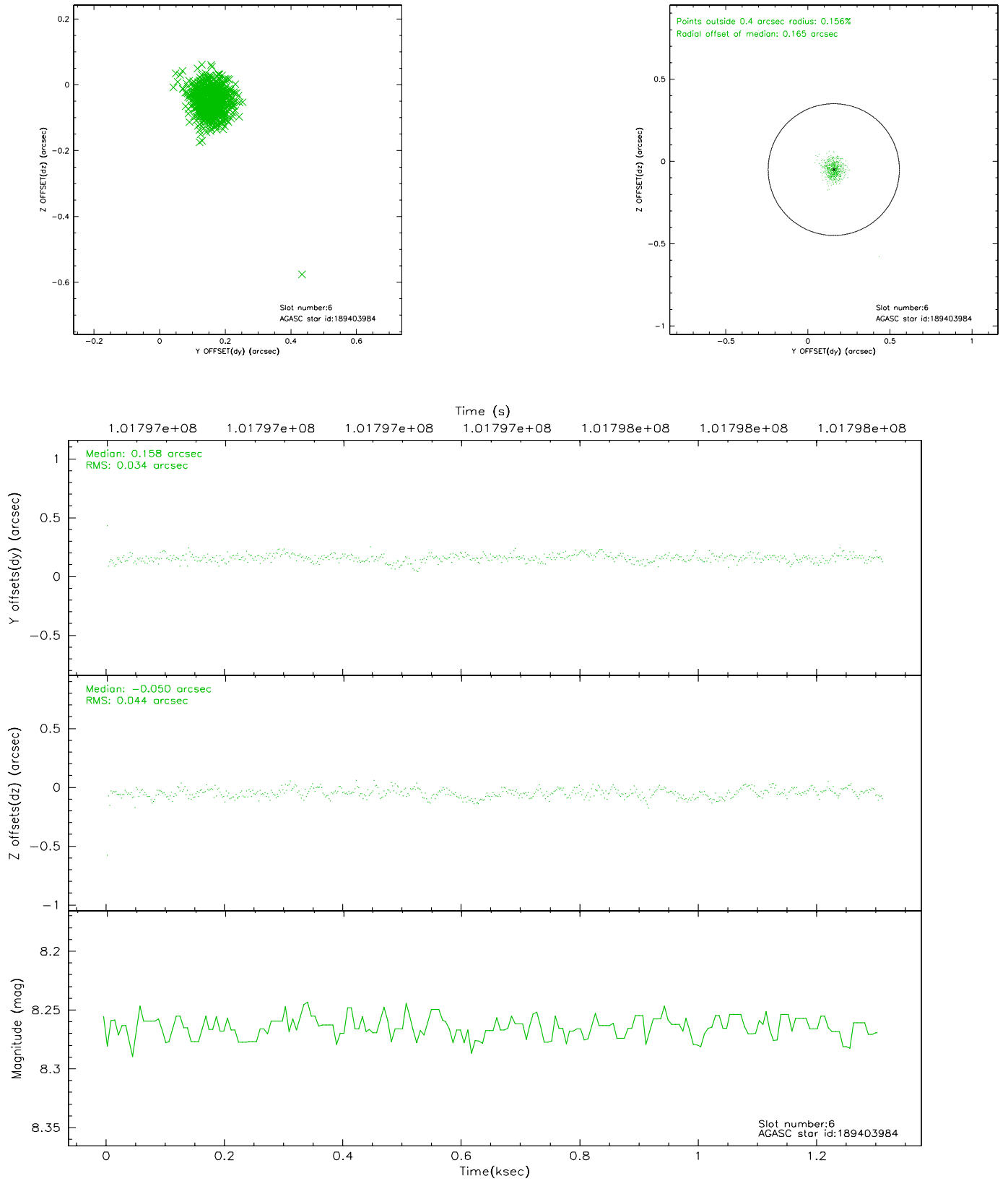
## 2.4.2 Slot 4



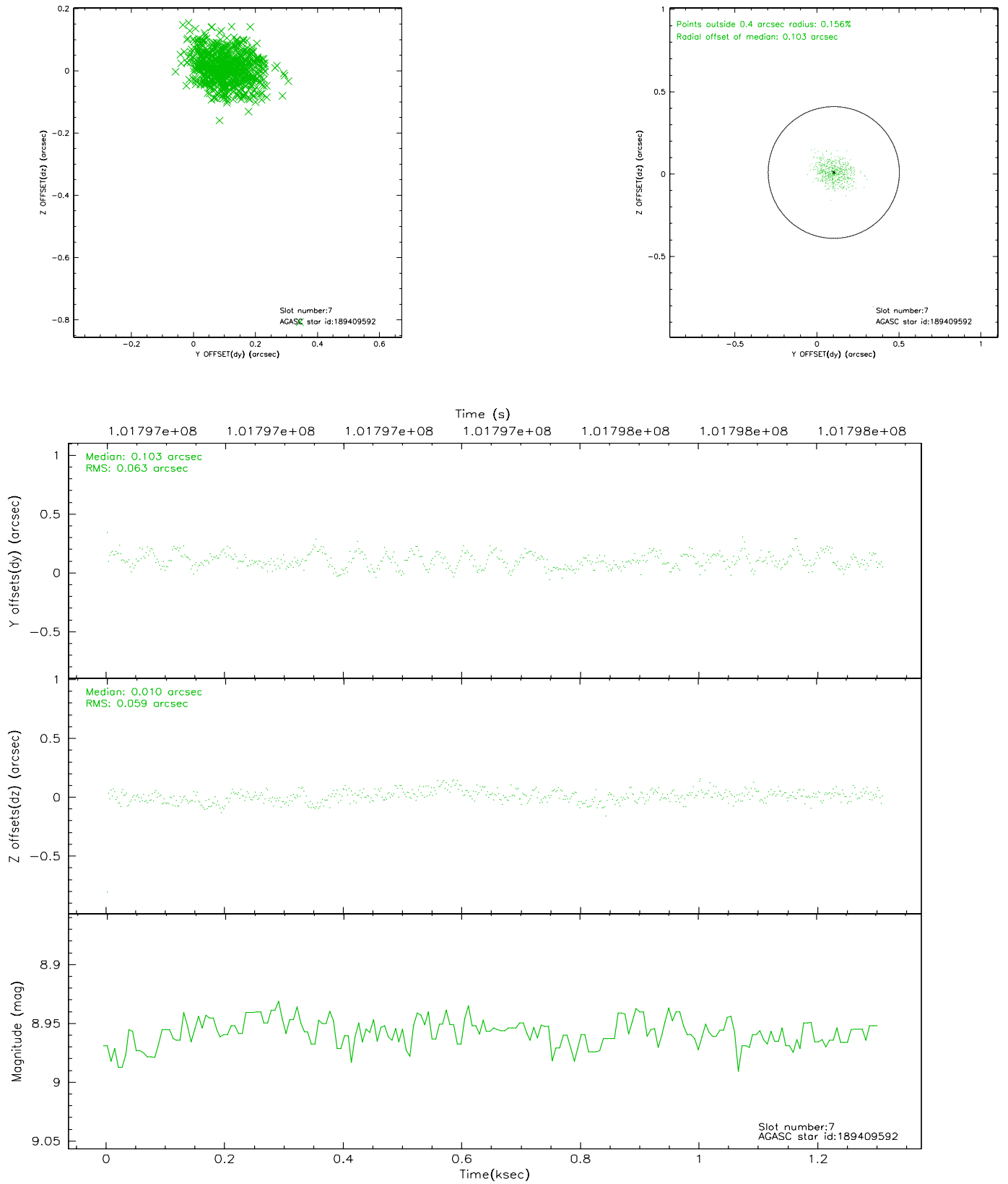
### 2.4.3 Slot 5



## 2.4.4 Slot 6

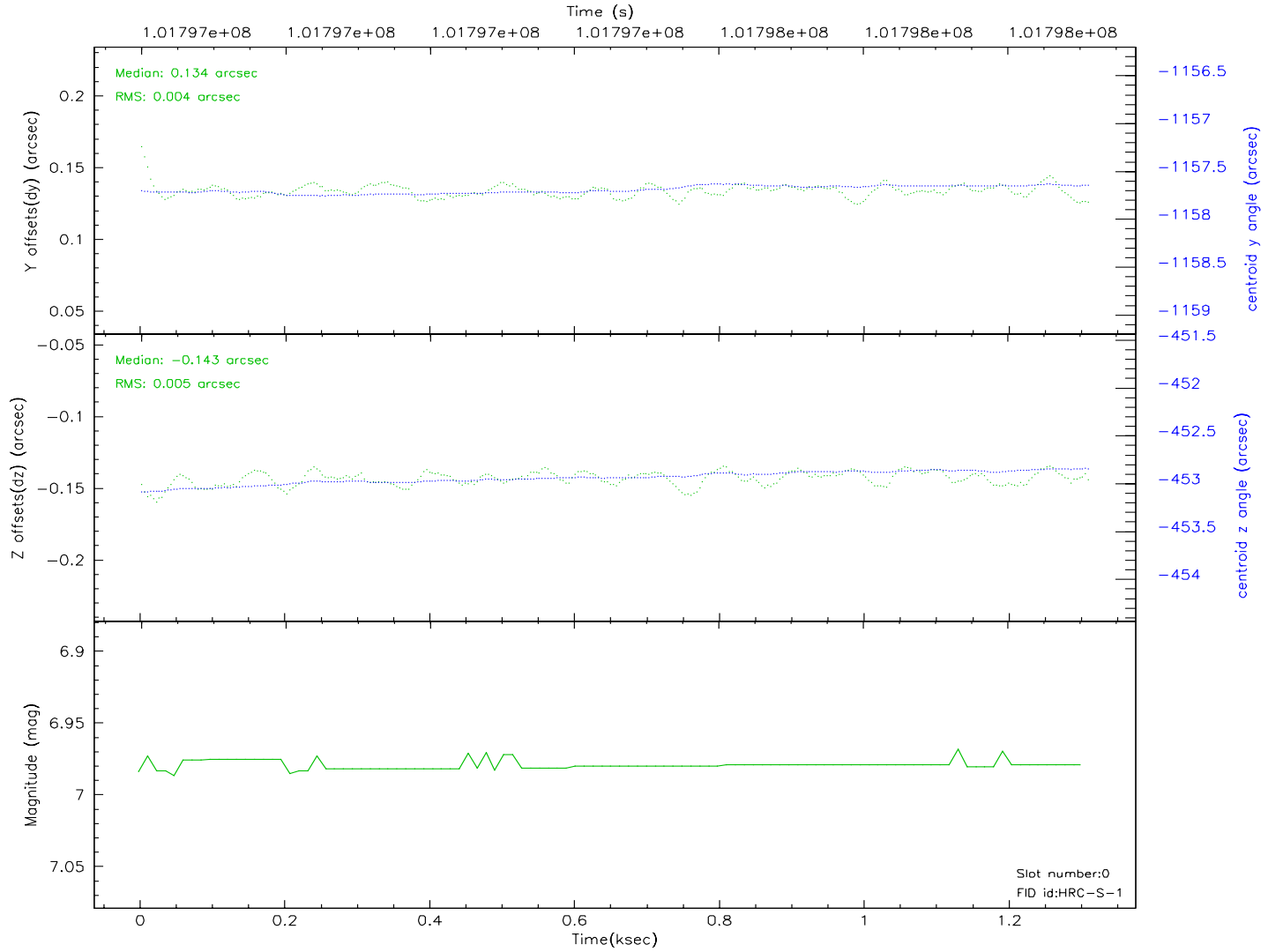
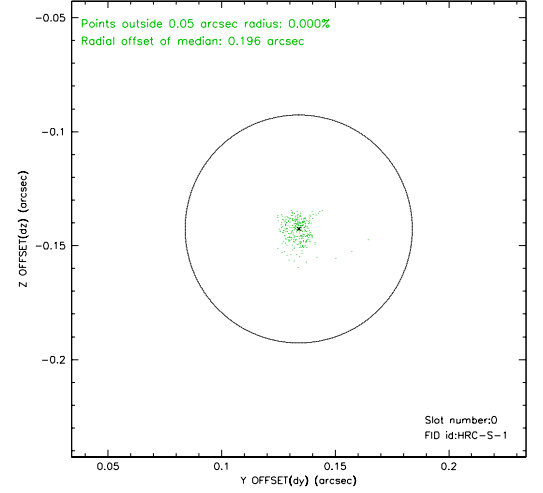
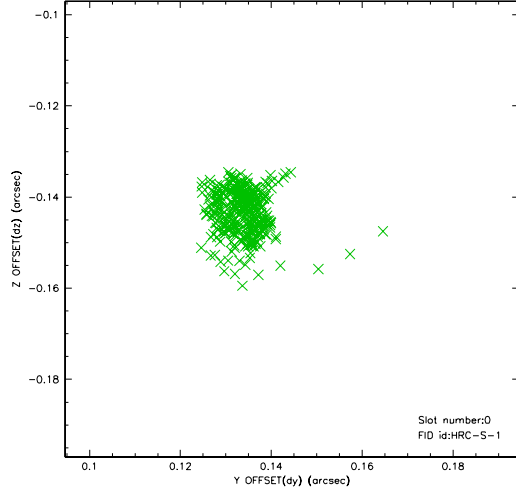


## 2.4.5 Slot 7

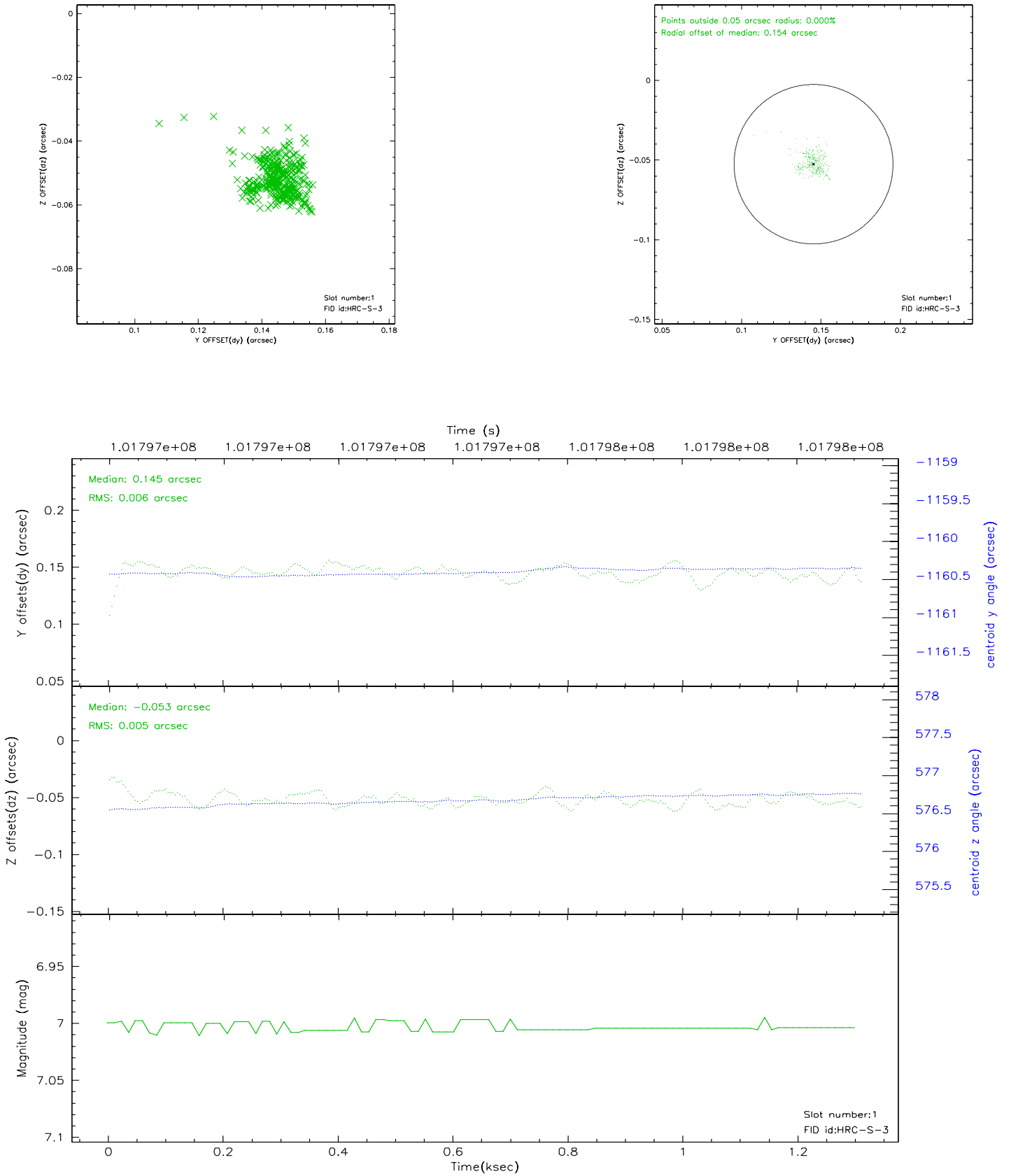


## 2.5 FID Slots

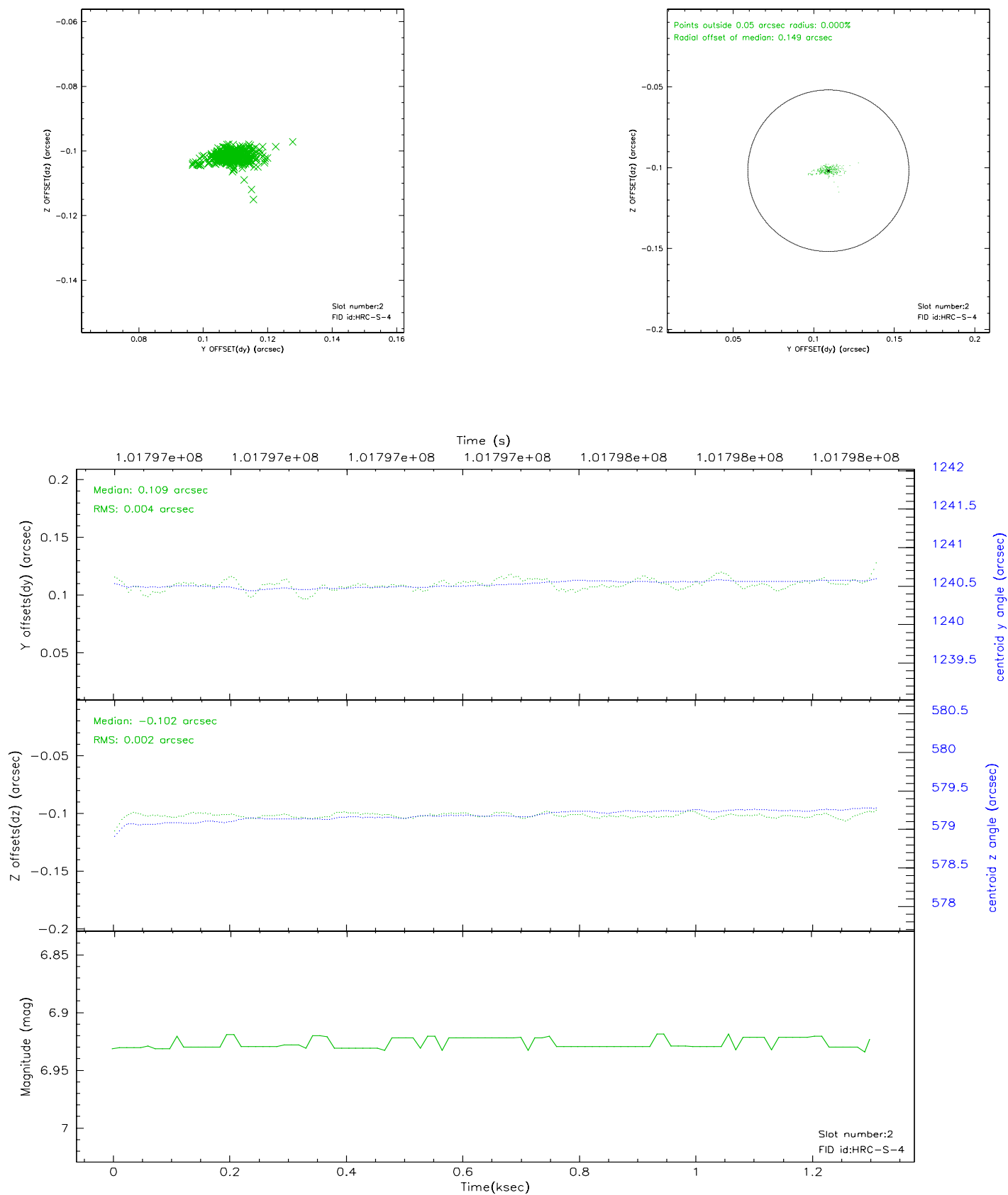
### 2.5.1 Slot 0



## 2.5.2 Slot 1

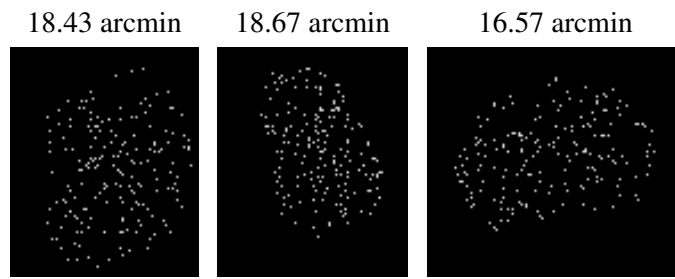


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.124

### A.2 Comments