

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 1974 - L2 Version 001  
Chandra X-Ray Center

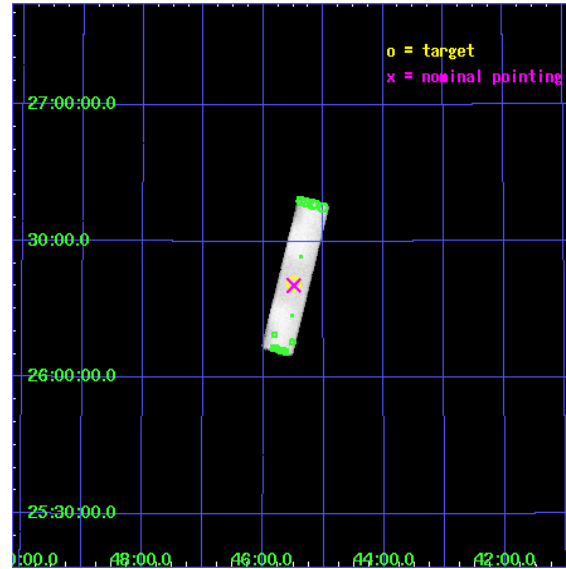
L2 Processing Date : Nov 2 2006

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# 1 Front

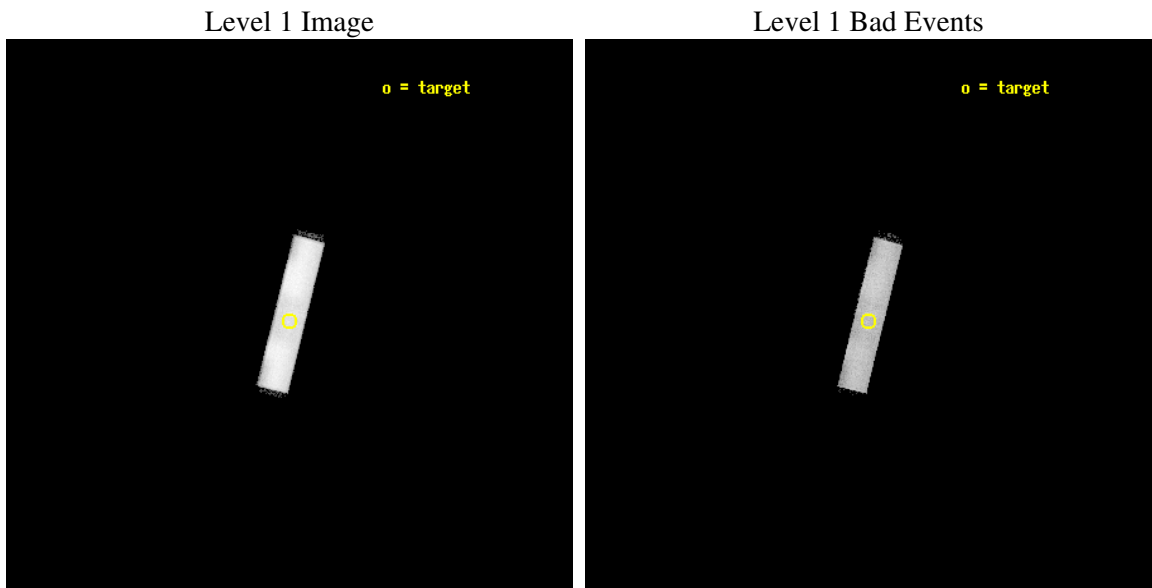
seq_num	500151
obs_id	1974
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS
observer	Prof. Robert Rutledge
object	1RXSJ0245+2620
ra_targ	41.370417
dec_targ	26.344167
ra_nom	41.37266173915
dec_nom	26.33941190923
roll_nom	283.9738955643
revision	4
ontime	822.30628158152
livetime	672.16111908623
l2events	136263



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-02T22:56:42
revision	4

sched_exp_time	1000.000000
ontime	912.25003503263
l1events	214063

### 2.1.3 Events

Level 1 Events

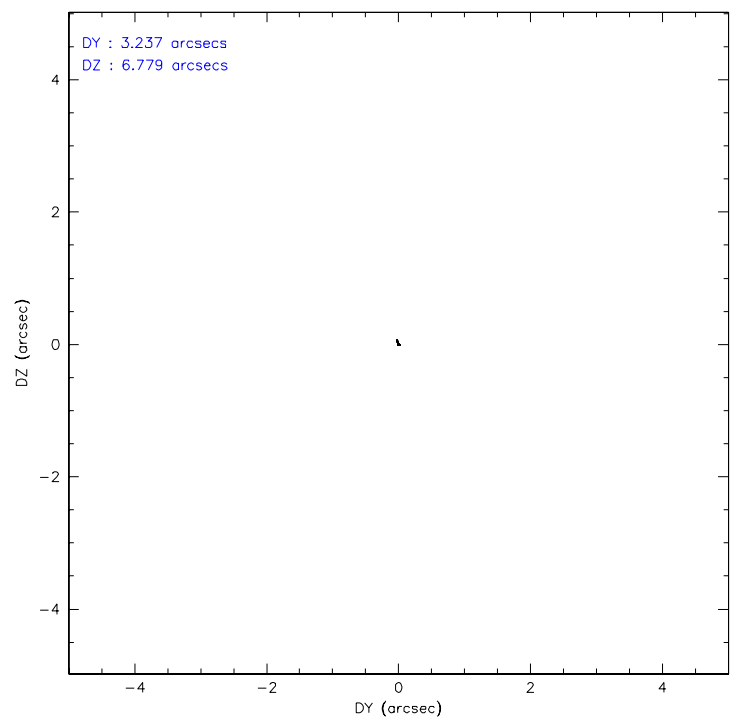
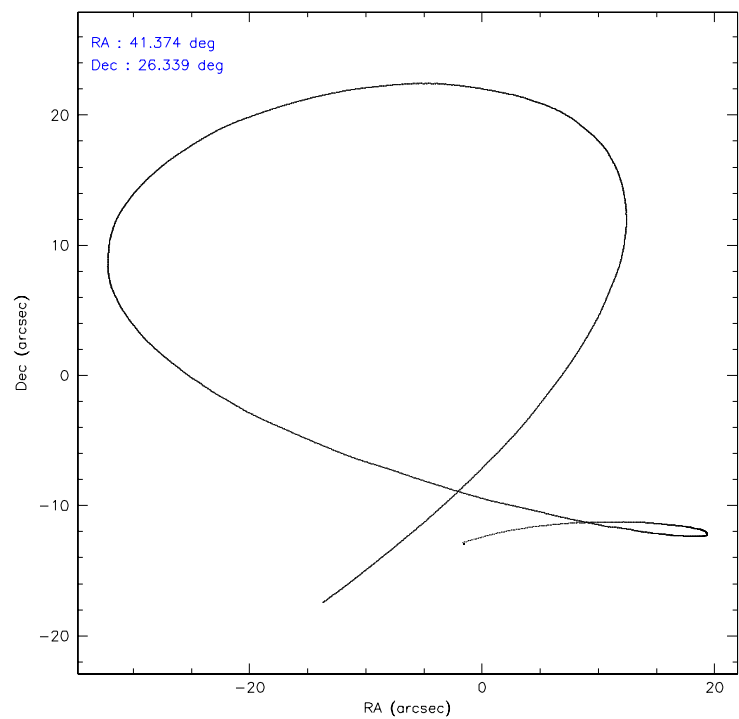
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	69	213994	0
rejected events	67	74491	0
rejected %	97%	34%	0%

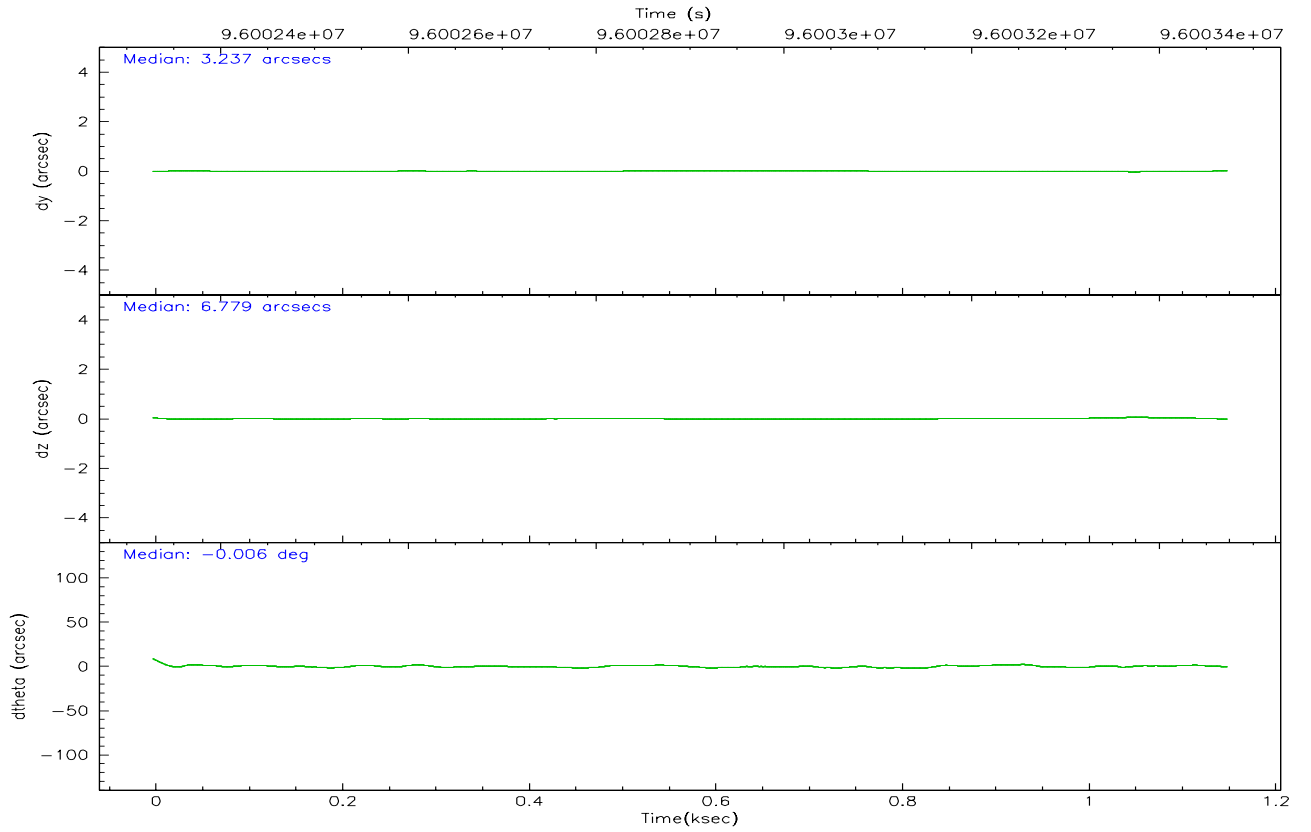
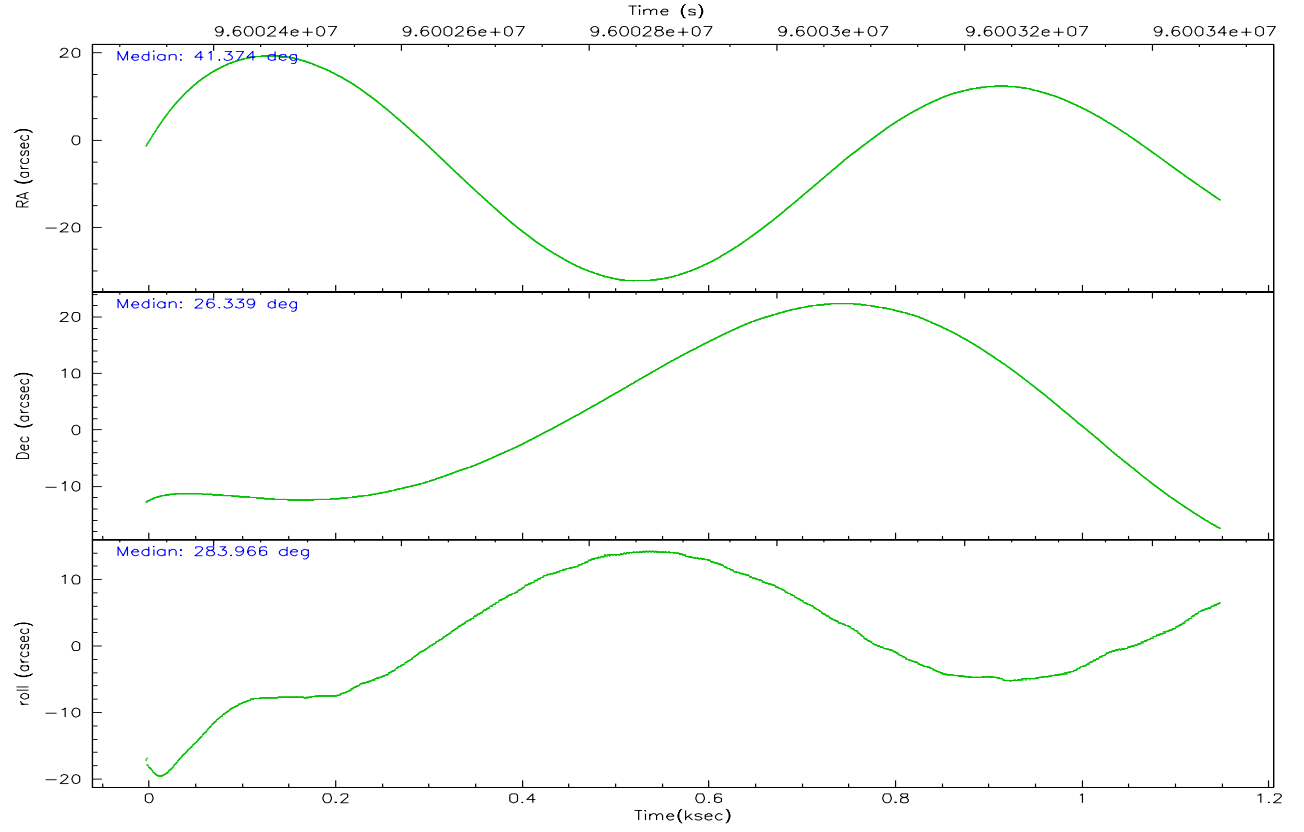
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	41.348257	41.37266173914999
Pointing Dec	26.359168	26.33941190923004
Pointing Roll	283.917563	283.9738955642991
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	96002476.184000	96001614.02641401
Observation start date	2001-01-16T03:20:12	2001-01-16T03:06:54
Observation end time	96003476.184000	96003793.176498
Observation end date	2001-01-16T03:36:52	2001-01-16T03:43:13

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

## 2.3 Aspect





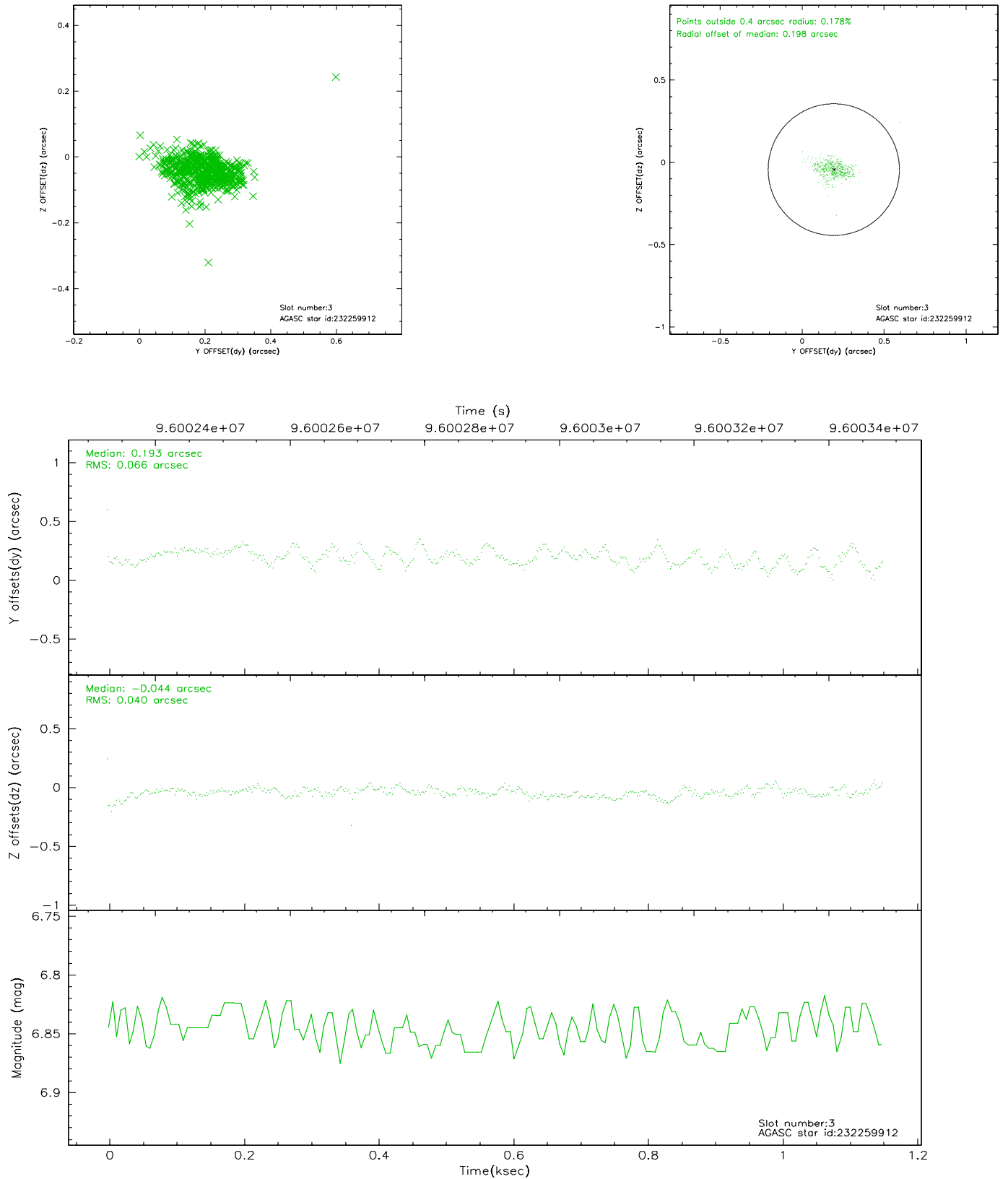
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	281	0.103	-0.095	0.006	0.009	0.000000	0.000000	-1157.28	-455.29
1	FID	HRC-S-3	7.00	281	0.162	-0.113	0.007	0.012	0.000000	0.000000	-1164.10	572.59
2	FID	HRC-S-4	6.92	281	0.123	-0.089	0.005	0.009	0.000000	0.000000	1236.79	578.93
3	GUIDE	232259912	6.84	563	0.193	-0.044	0.079	0.125	40.963514	25.638344	2215.04	-1839.77
4	GUIDE	232794544	7.69	563	-0.005	0.099	0.050	0.084	41.802562	26.738414	-974.83	1739.28
5	GUIDE	232791680	8.95	561	-0.069	0.116	0.071	0.111	41.471589	27.027997	-2246.21	961.86
6	GUIDE	232792360	8.73	563	-0.096	-0.004	0.061	0.102	40.871916	26.926833	-2360.17	-994.67
7	GUIDE	232794976	8.82	562	-0.025	-0.167	0.098	0.156	40.618059	26.503168	-1081.49	-2163.36

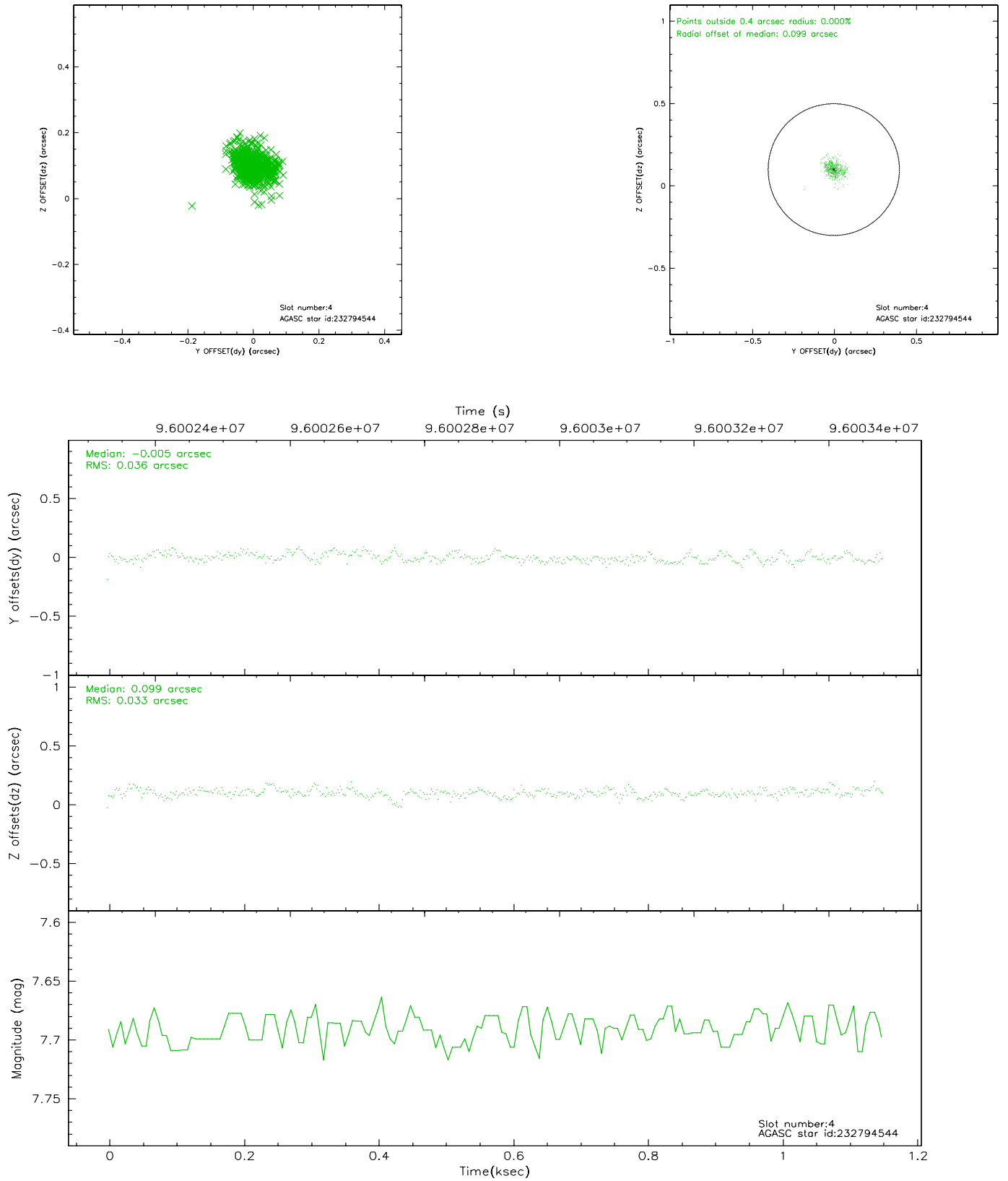


## 2.4 Star Slots

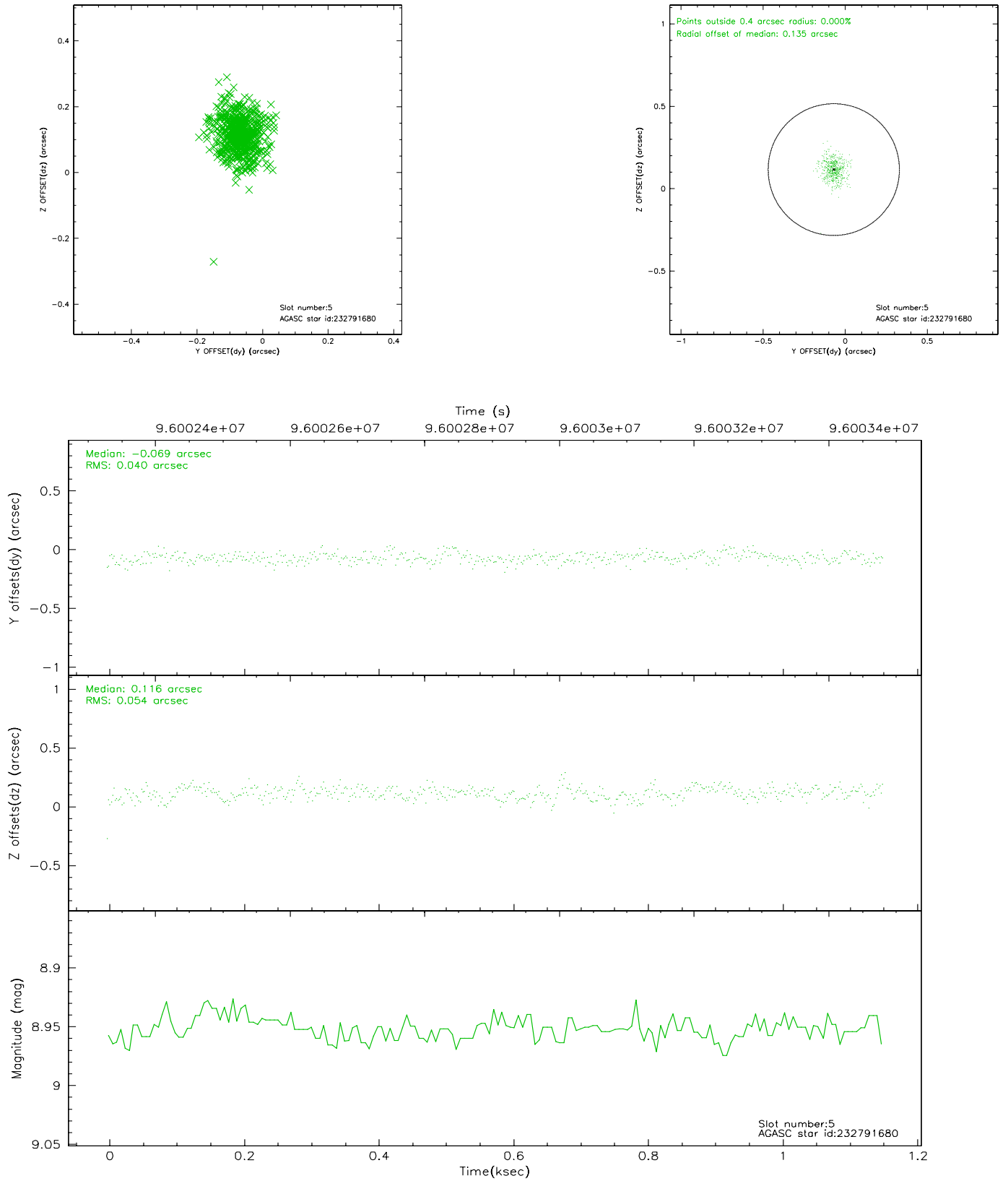
### 2.4.1 Slot 3



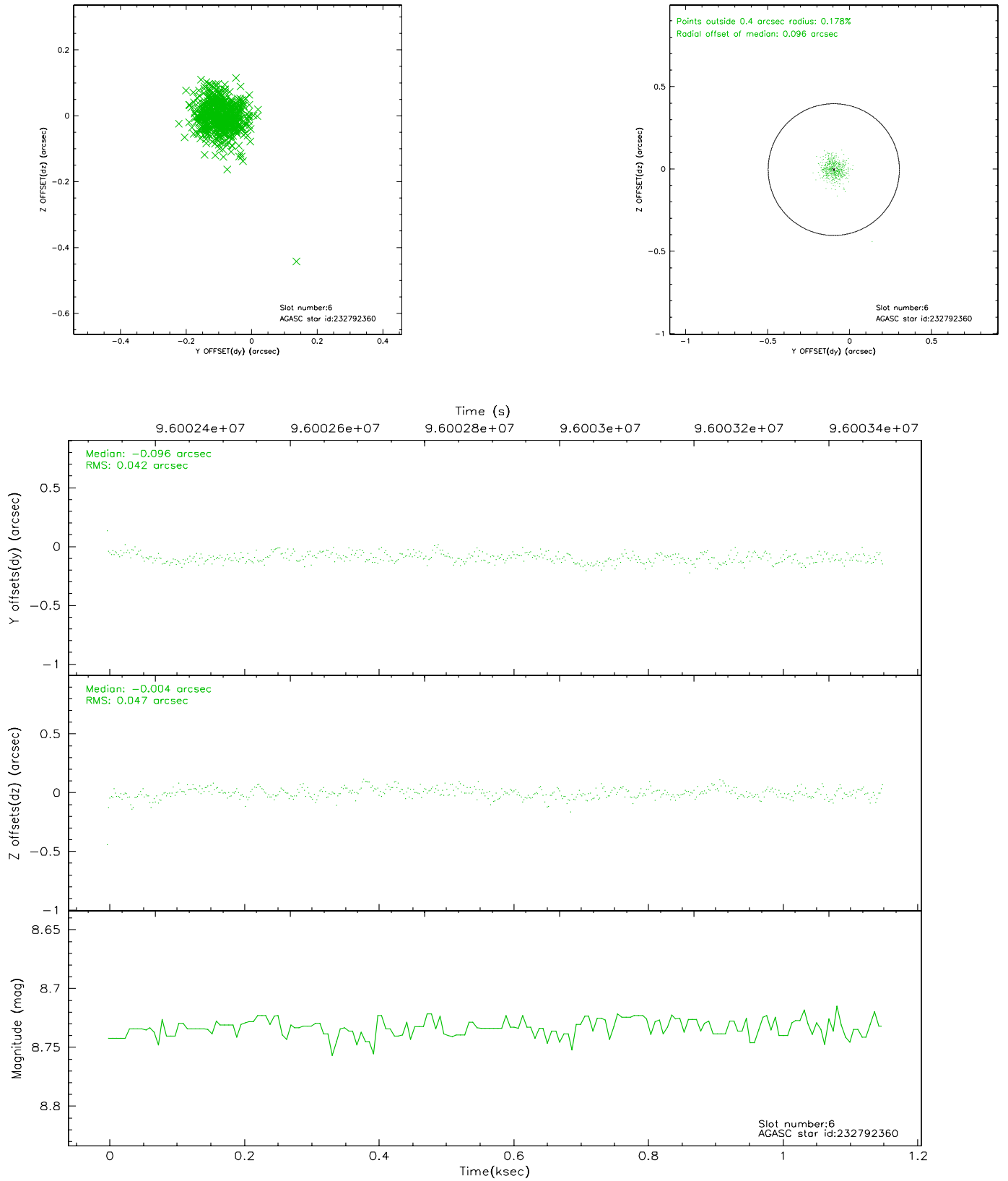
## 2.4.2 Slot 4



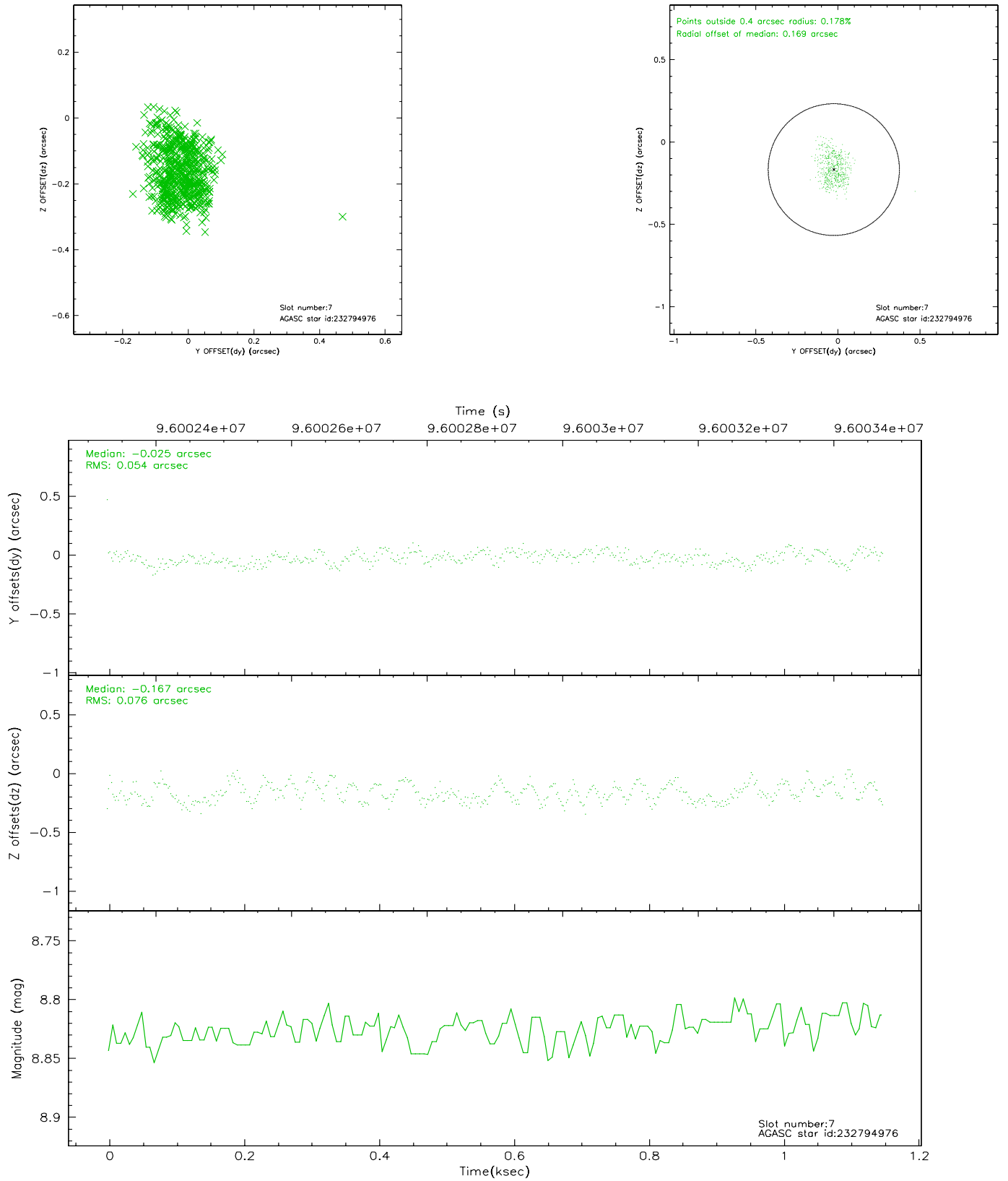
### 2.4.3 Slot 5



## 2.4.4 Slot 6

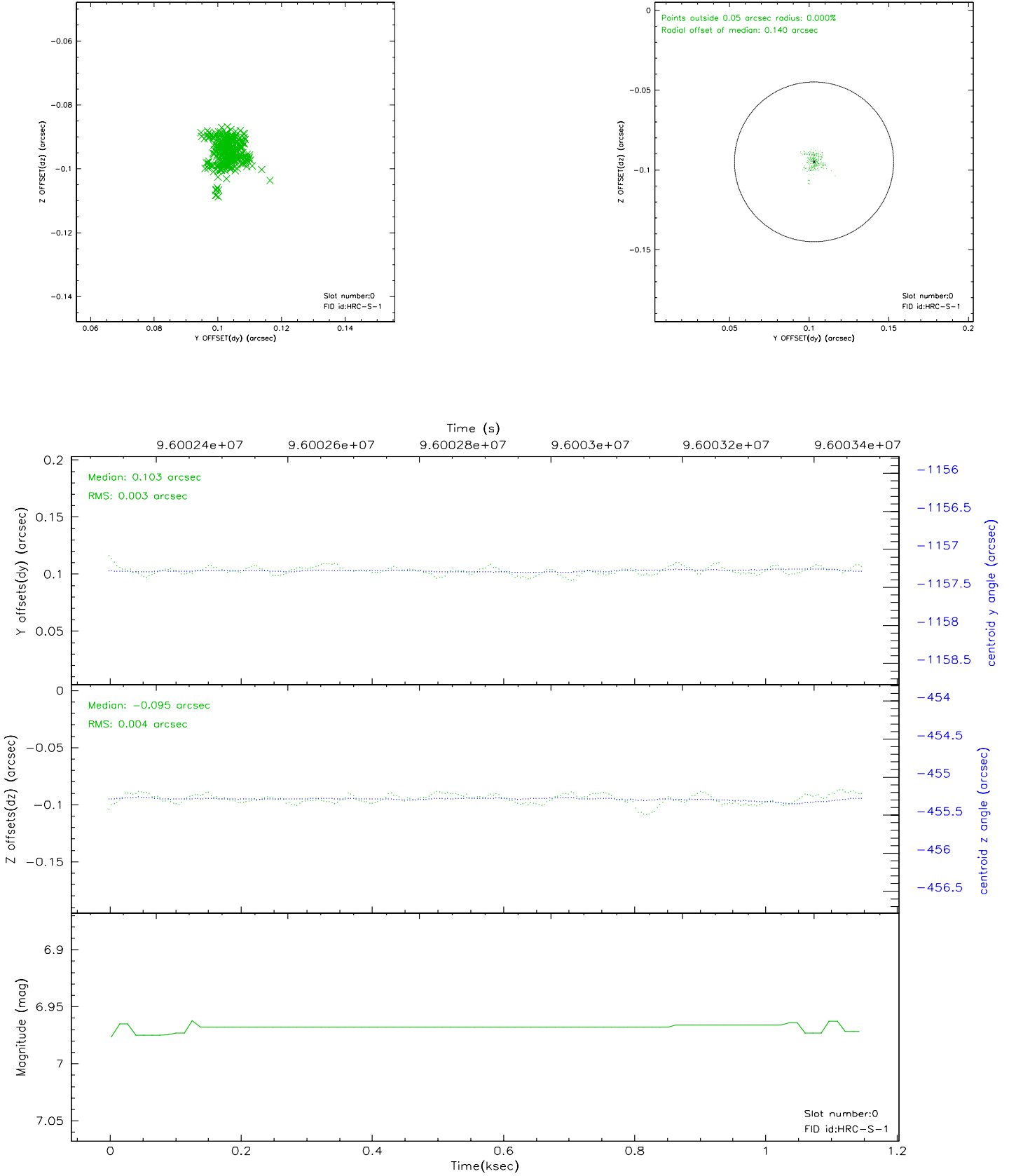


## 2.4.5 Slot 7

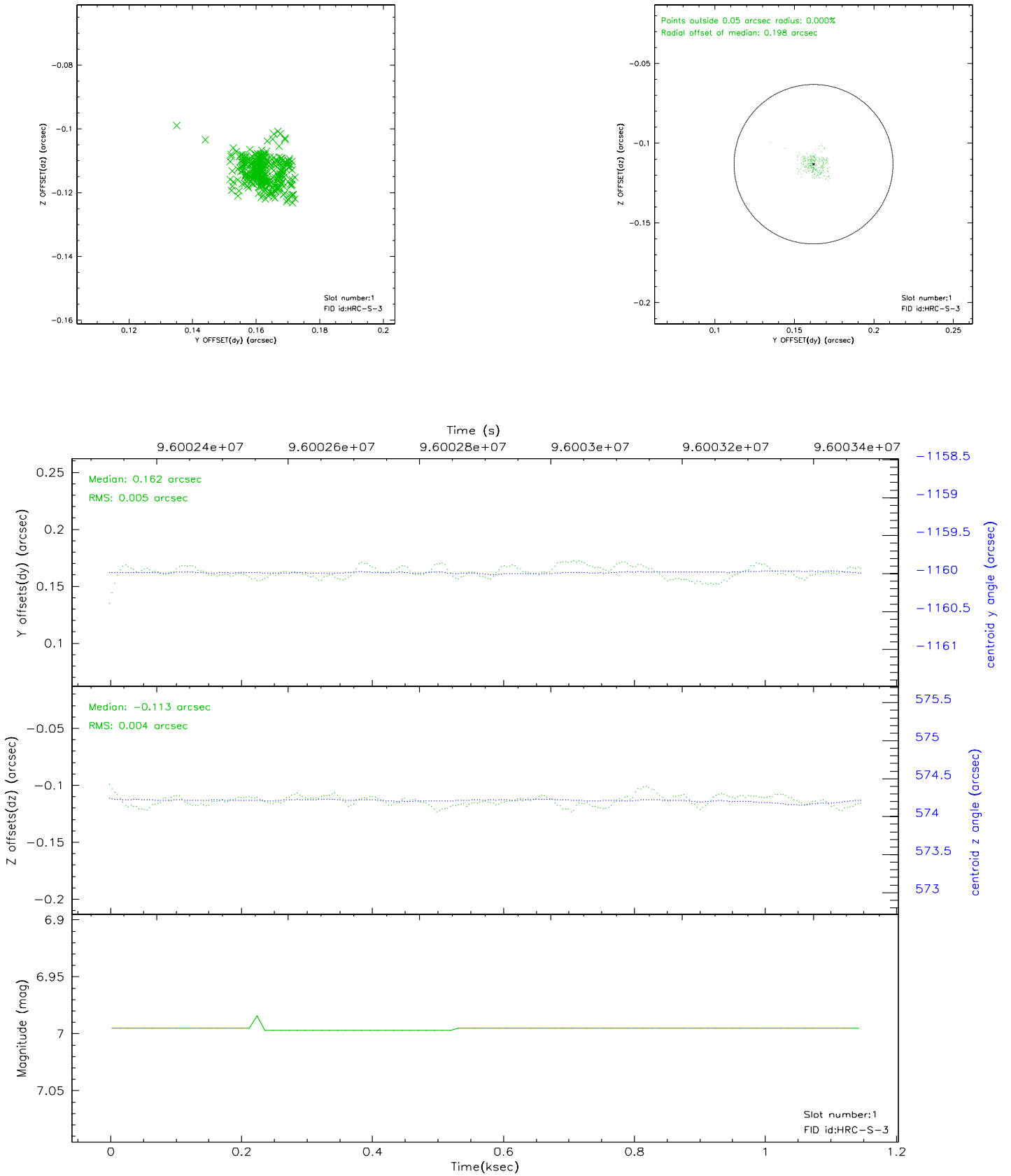


## 2.5 FID Slots

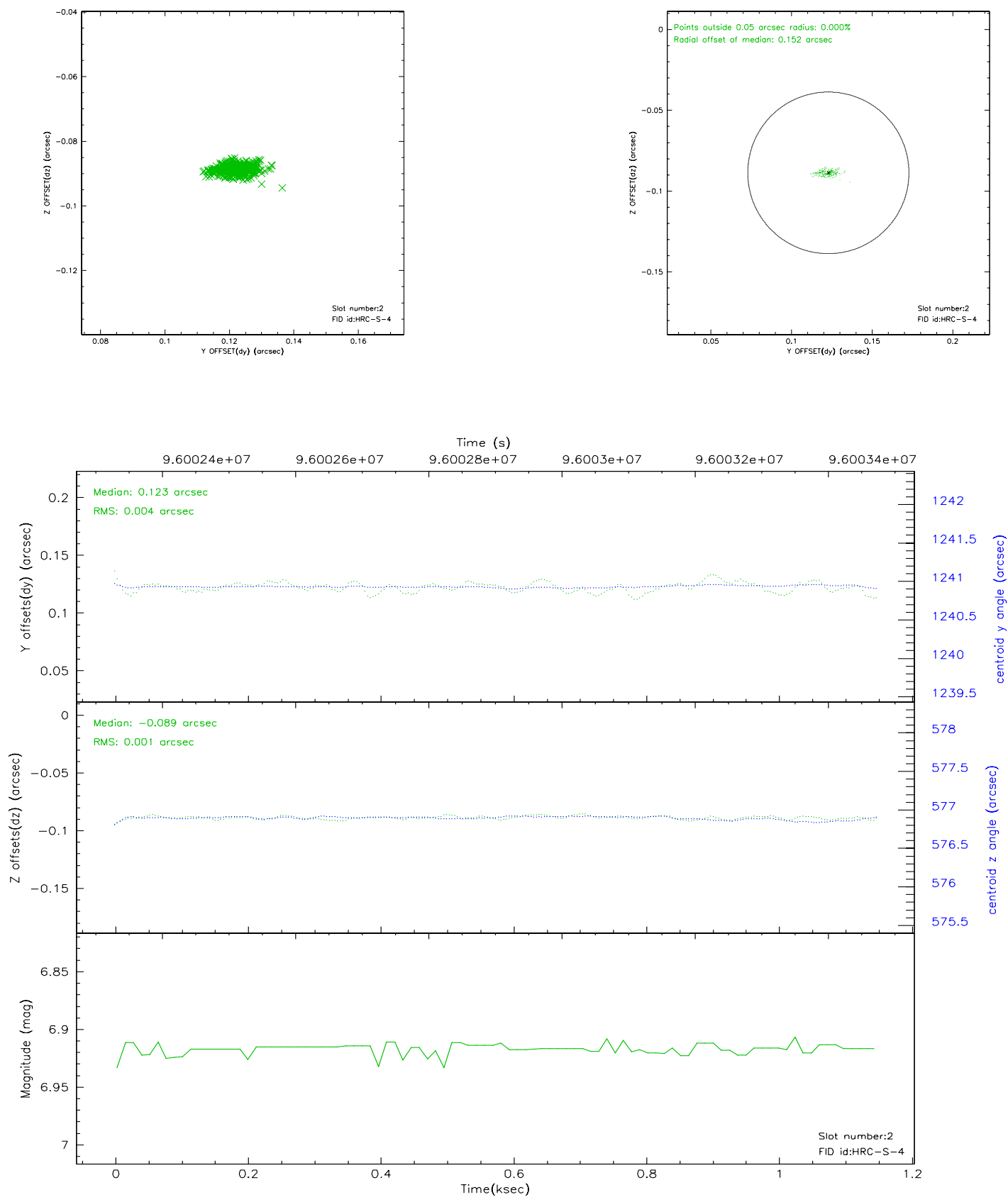
### 2.5.1 Slot 0



## 2.5.2 Slot 1

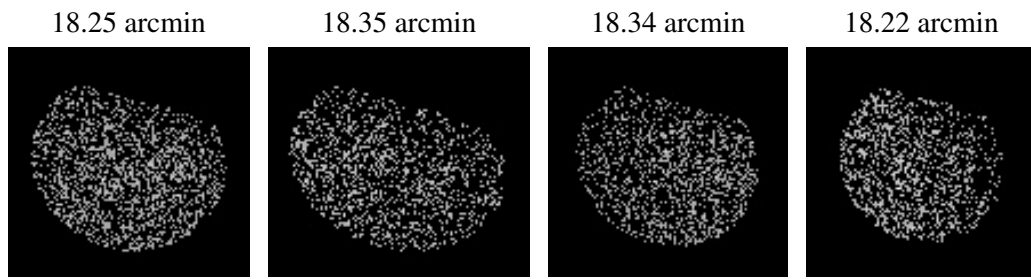


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.822

### A.2 Comments