

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 5978 - L2 Version 003  
Chandra X-Ray Center

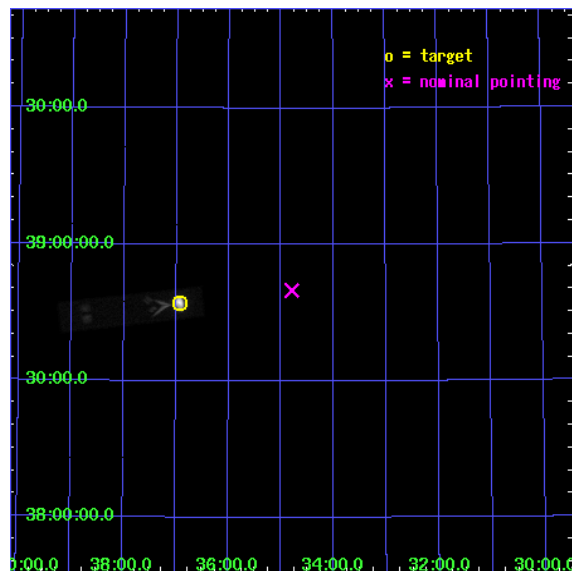
L2 Processing Date : Aug 4 2006

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# 1 Front

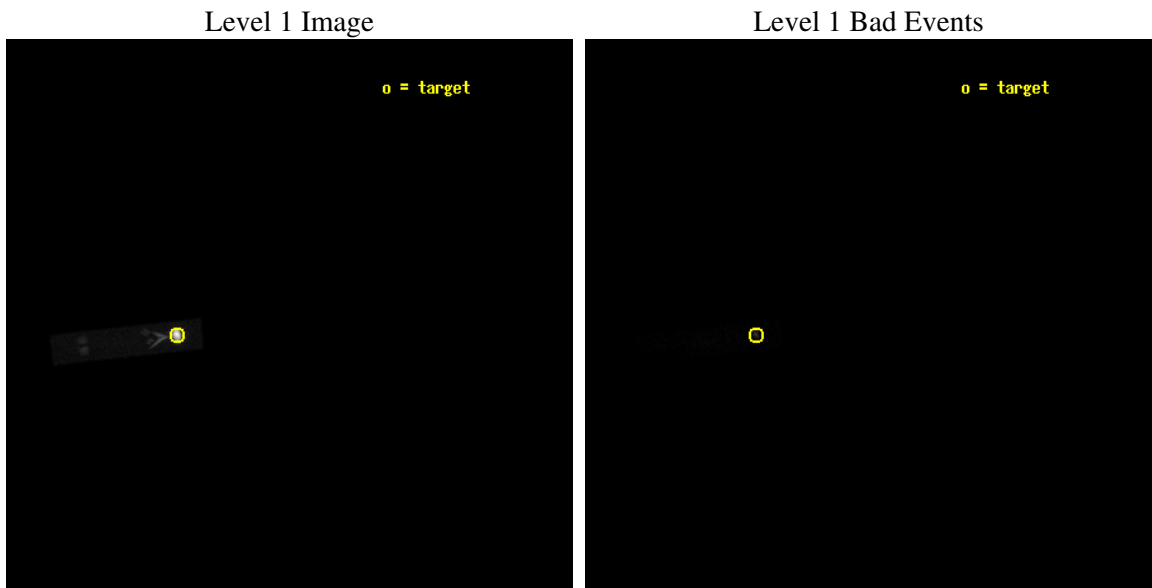
seq_num	290470
obs_id	5978
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.
observer	Dr. CXC Calibration
object	Vega
ra_targ	279.235
dec_targ	38.783778
ra_nom	278.69797699476
dec_nom	38.832876107019
roll_nom	173.57519365246
revision	3
ontime	2182.2250997126
livetime	848.79994993876
l2events	387894



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-04T02:48:36
revision	3

sched_exp_time	2000.000000
ontime	2182.2250997126
l1events	443307

### 2.1.3 Events

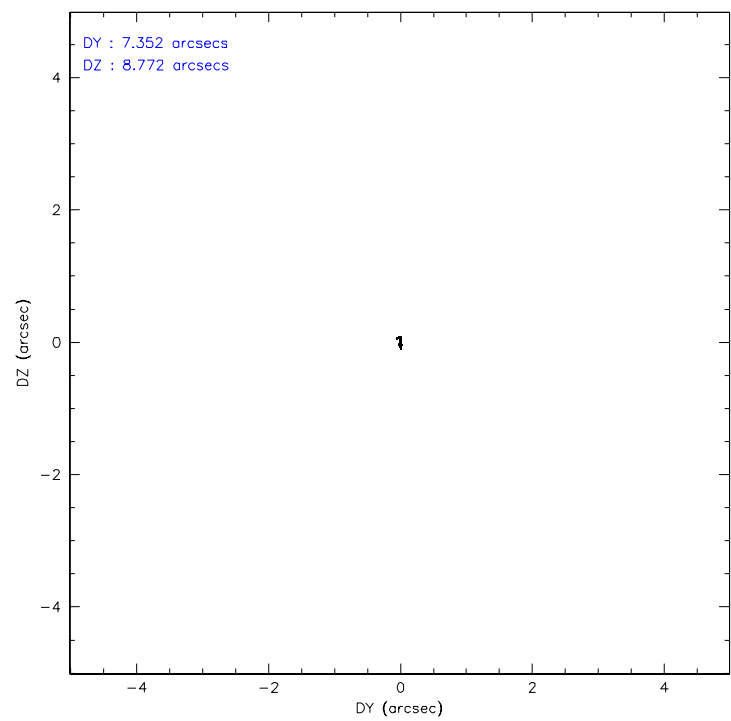
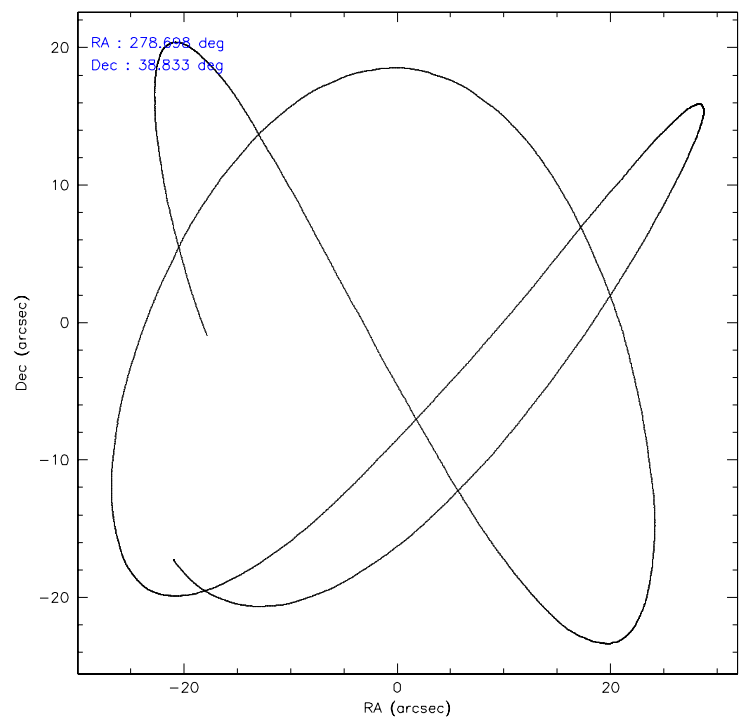
Level 1 Events

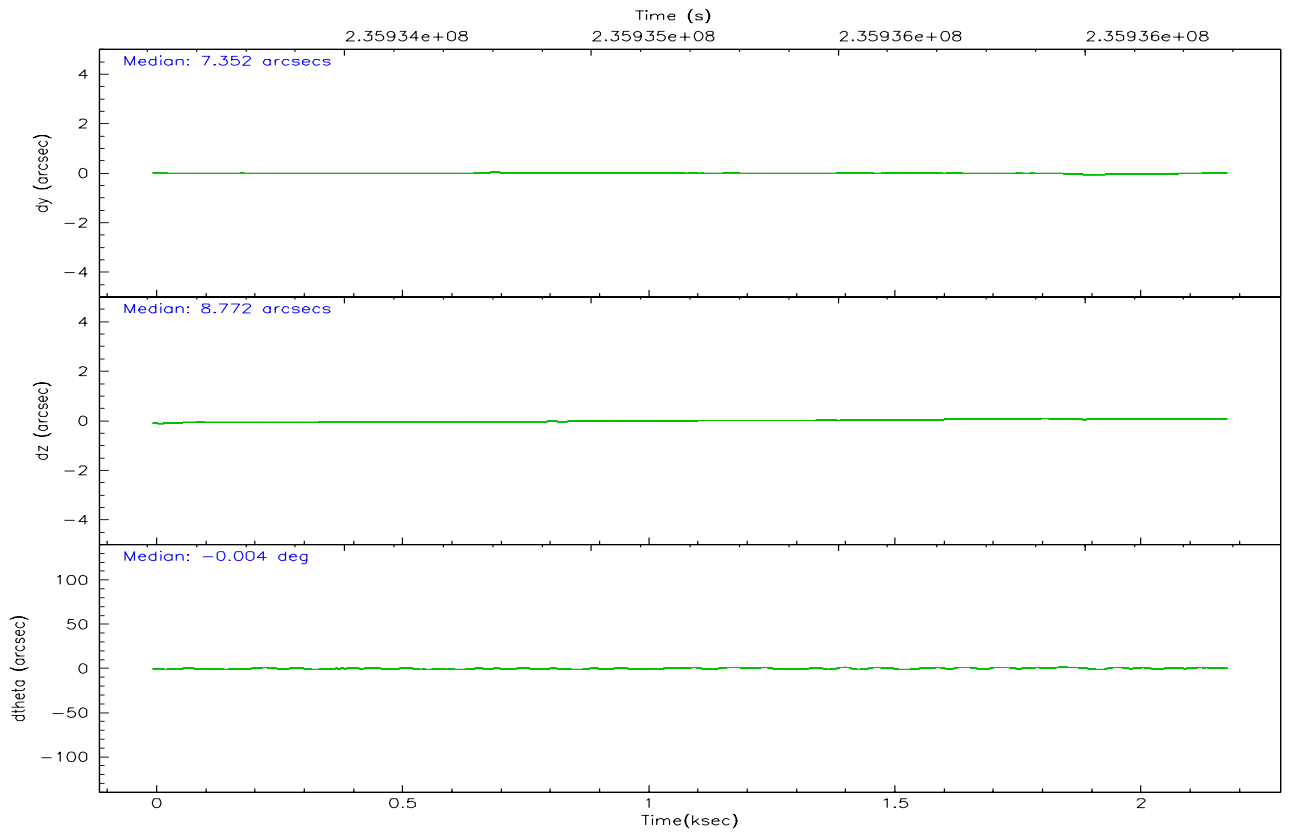
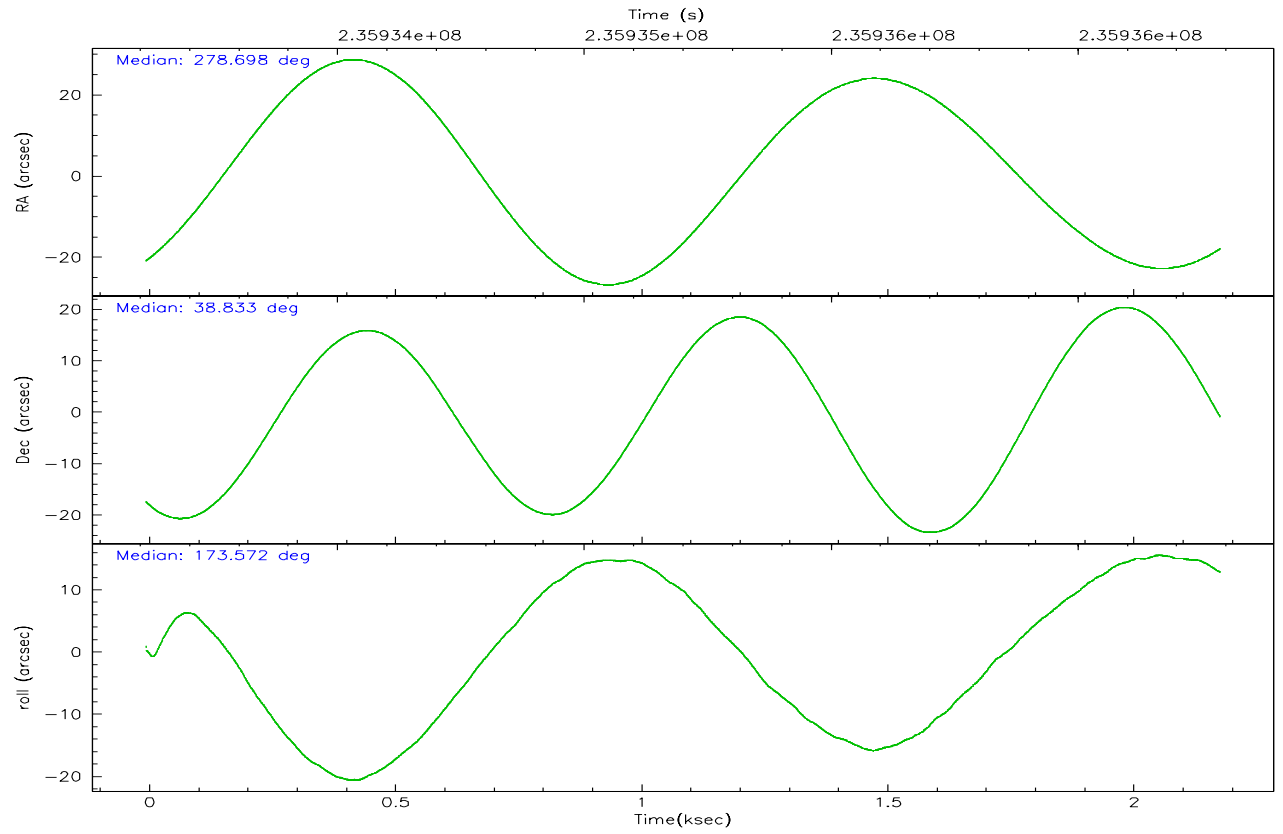
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	443271	25	11
rejected events	48859	14	11
rejected %	11%	56%	100%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	278.730844	278.6979769947571			
Pointing Dec	38.845496	38.83287610701863			
Pointing Roll	173.487248	173.5751936524571			
Window start time	231292864.184000	231292864.184000			
Window stop time	236476864.184000	236476864.184000			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	235934287.184000	235933910.6307			
Observation start date	2005-06-23T17:17:03	2005-06-23T17:11:50			
Observation end time	235936287.184000	235937653.93087			
Observation end date	2005-06-23T17:50:23	2005-06-23T18:14:13			

## 2.3 Aspect





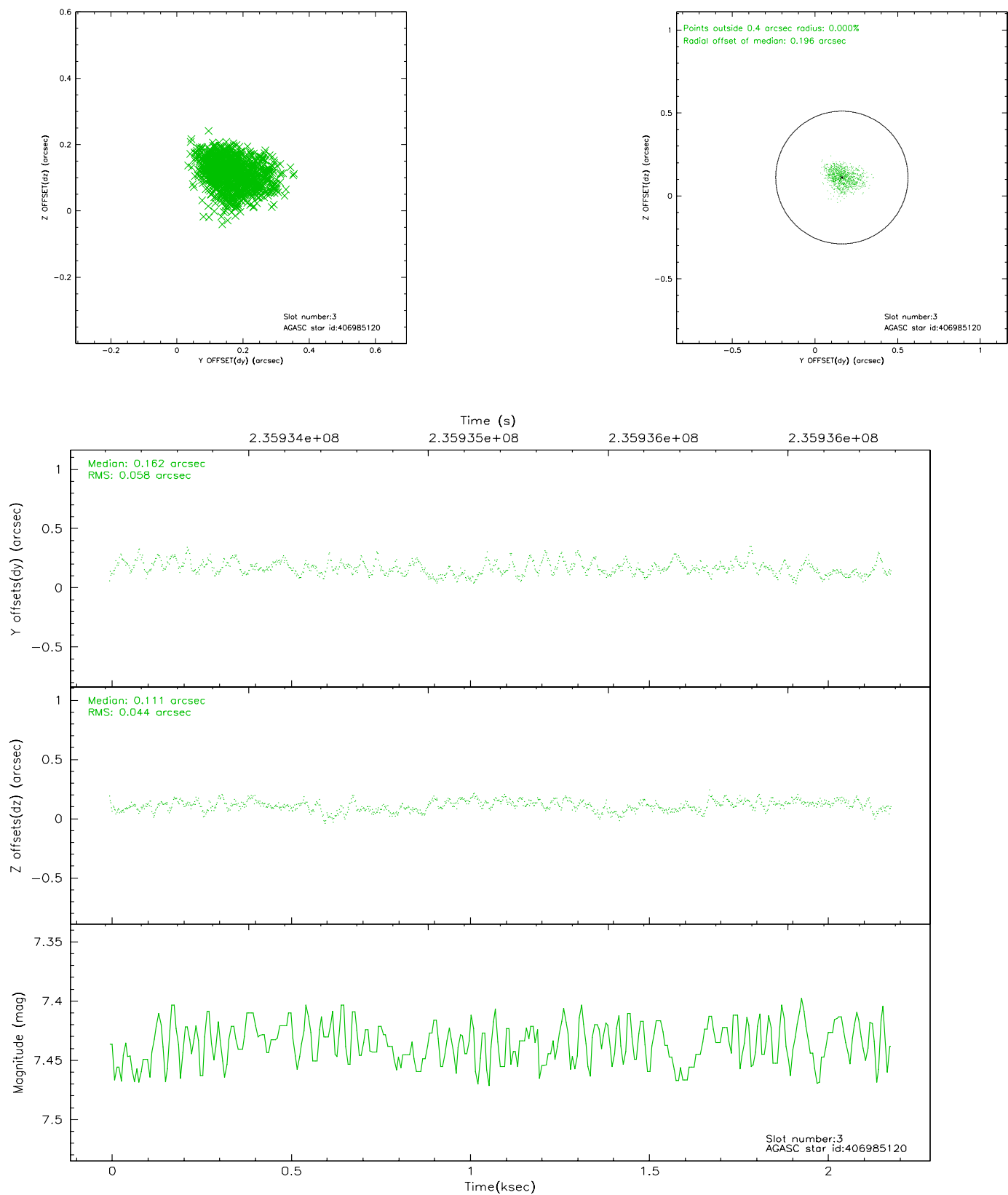
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	533	0.133	-0.156	0.006	0.010	0.000000	0.000000	-1161.50	-457.43
1	FID	HRC-S-2	7.03	533	0.173	-0.120	0.005	0.009	0.000000	0.000000	1236.04	-450.88
2	FID	HRC-S-3	7.04	533	0.085	-0.026	0.007	0.011	0.000000	0.000000	-1161.96	571.39
3	GUIDE	406985120	7.44	1066	0.162	0.111	0.077	0.127	278.839732	38.894839	-282.69	-210.62
4	GUIDE	406987272	6.92	1066	-0.131	-0.131	0.060	0.100	278.536588	38.437504	377.50	1520.84
5	GUIDE	406987656	8.70	1066	0.008	0.075	0.065	0.103	277.865333	38.378958	2238.08	1936.71
6	GUIDE	406989616	8.23	1065	0.073	-0.074	0.073	0.116	279.202881	38.520843	-1450.96	1009.26
7	GUIDE	407521232	8.63	1065	-0.116	0.028	0.084	0.137	279.628883	39.431715	-2241.54	-2390.93

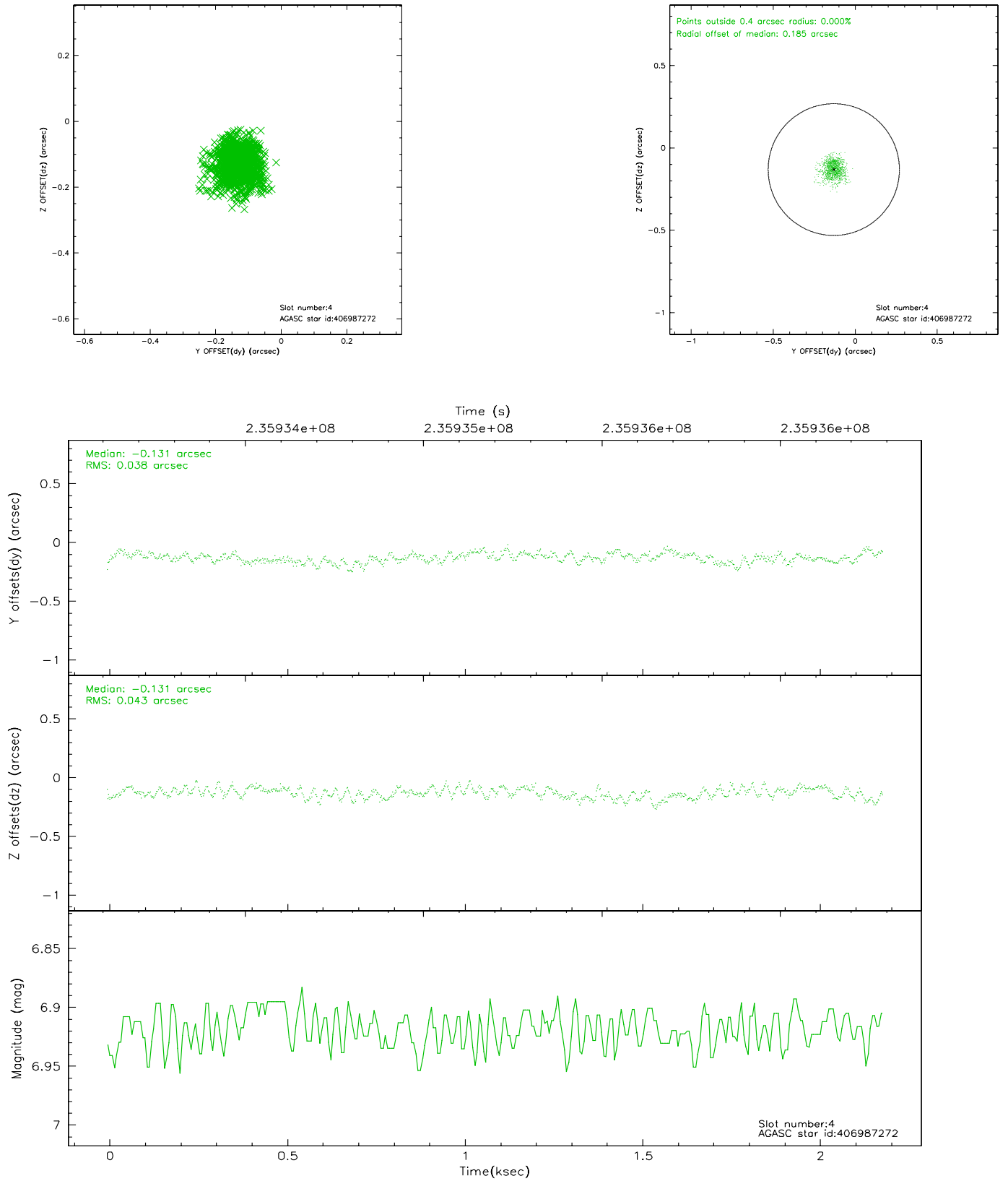


## 2.4 Star Slots

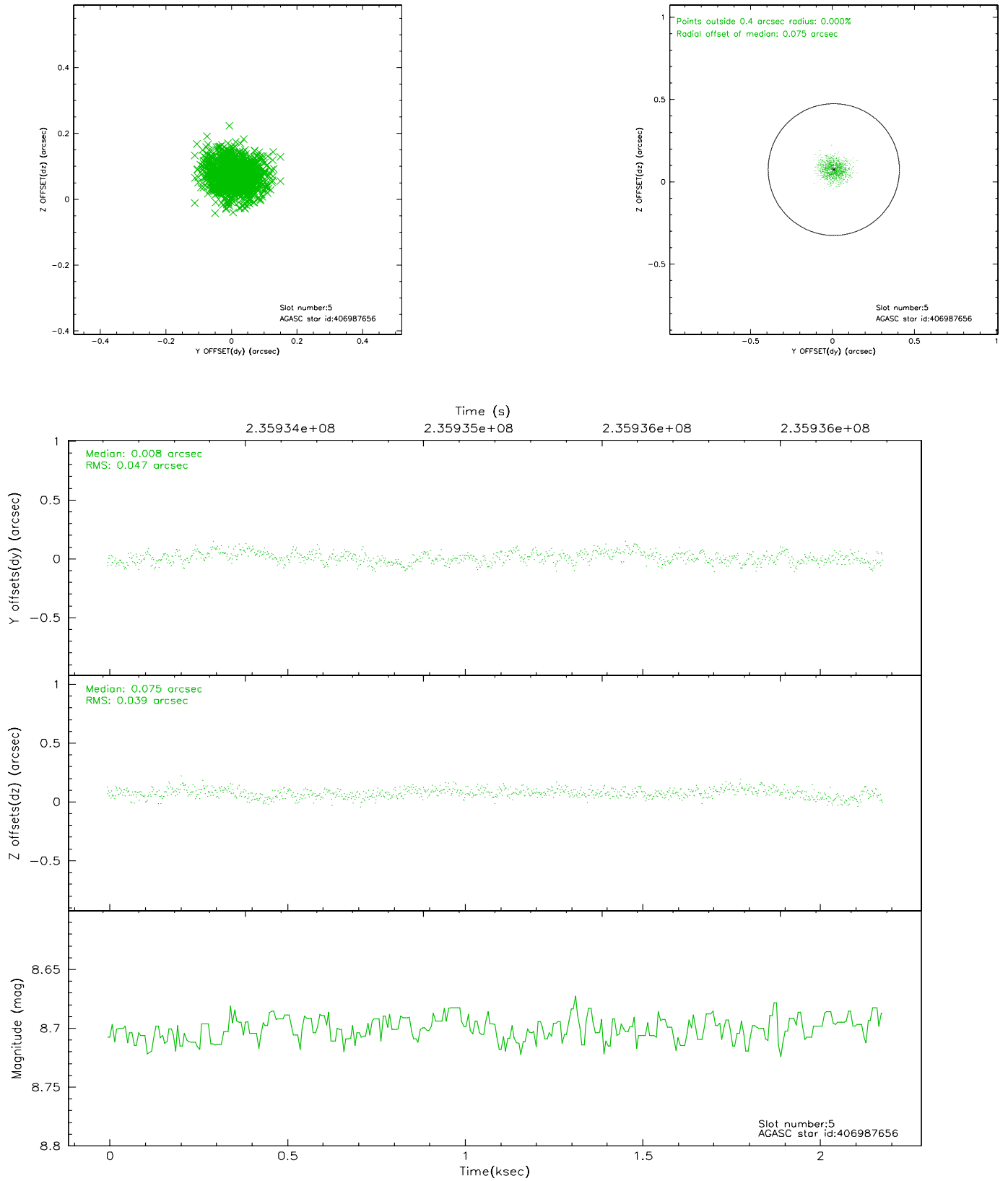
### 2.4.1 Slot 3



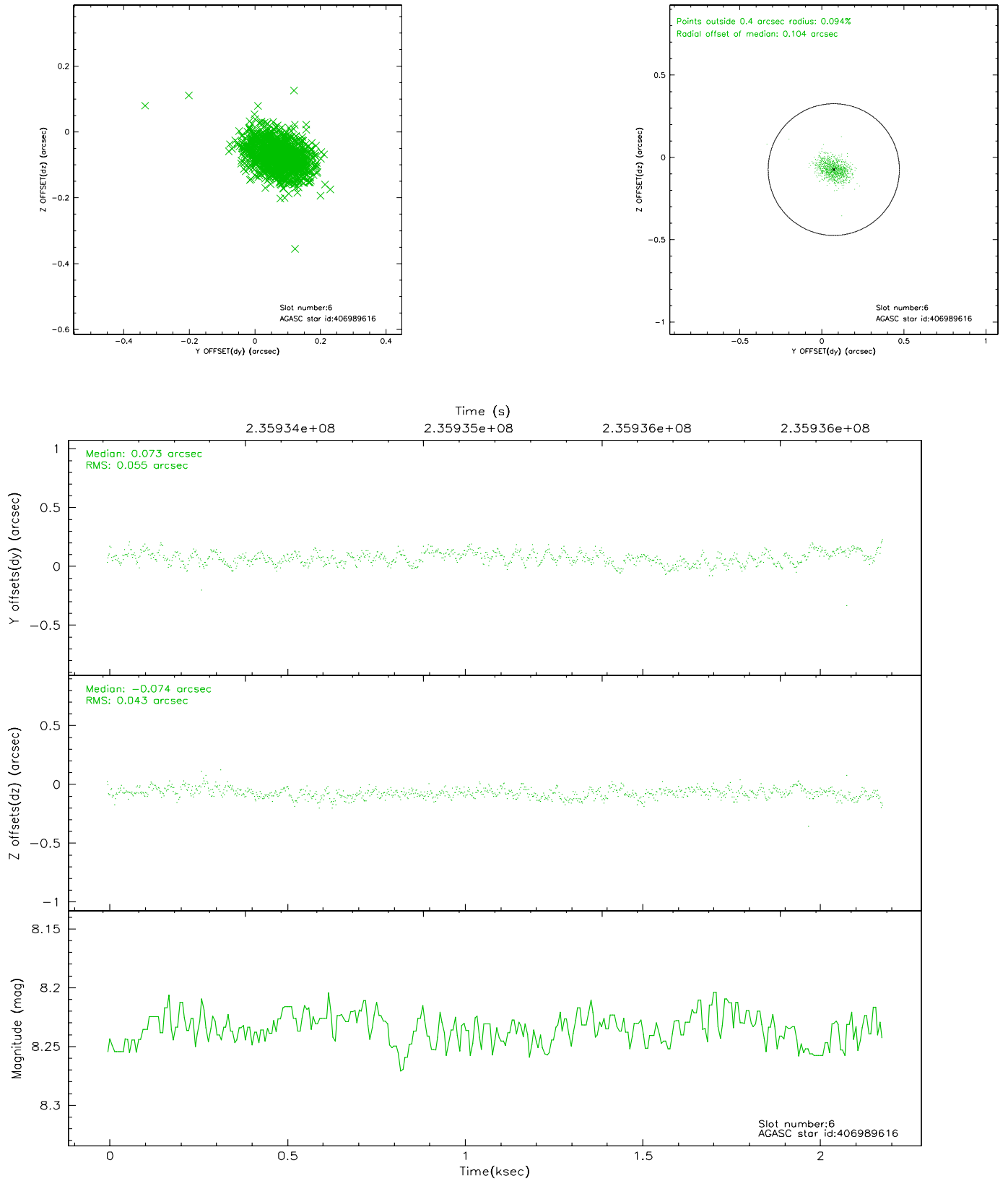
## 2.4.2 Slot 4



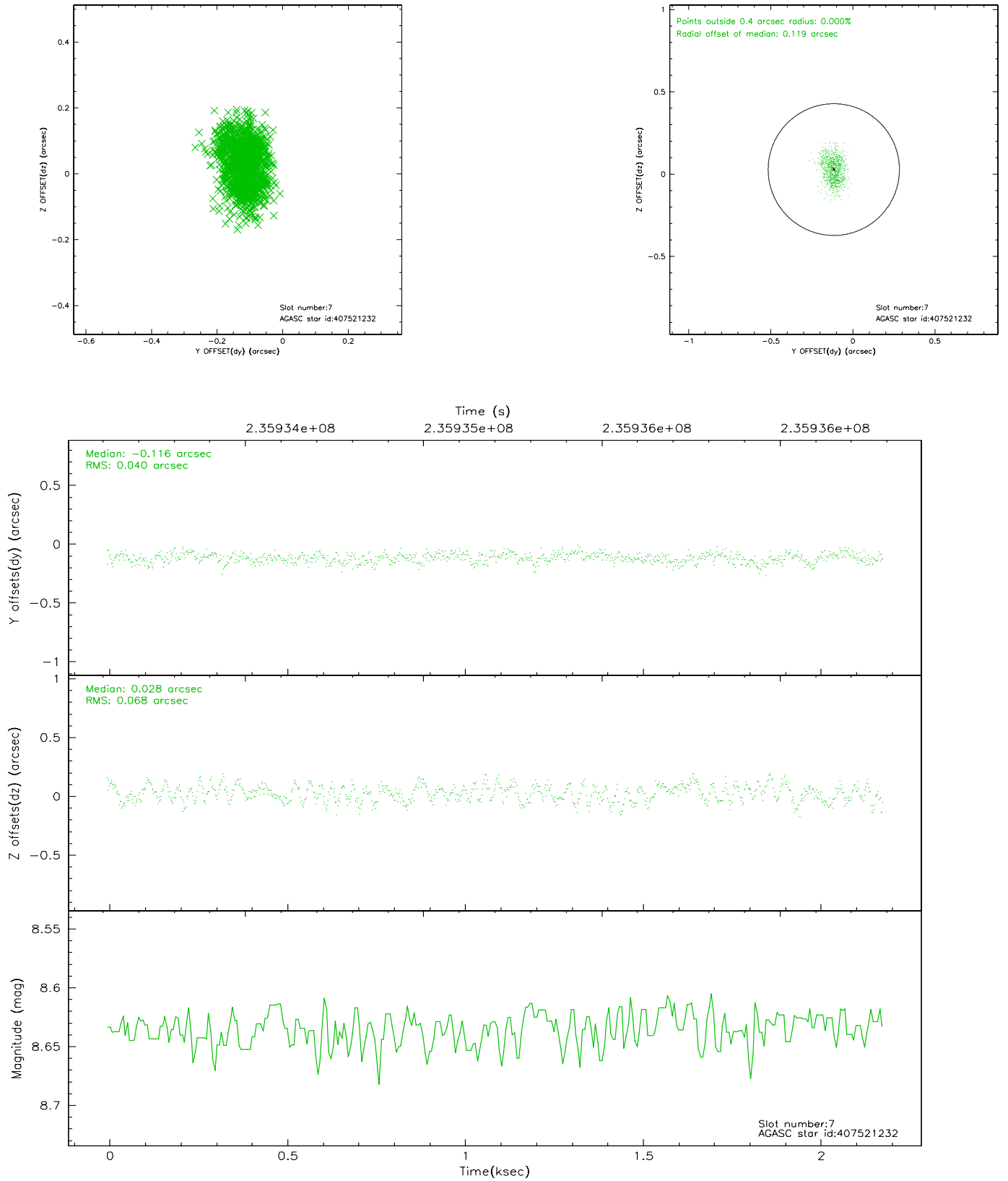
### 2.4.3 Slot 5



## 2.4.4 Slot 6

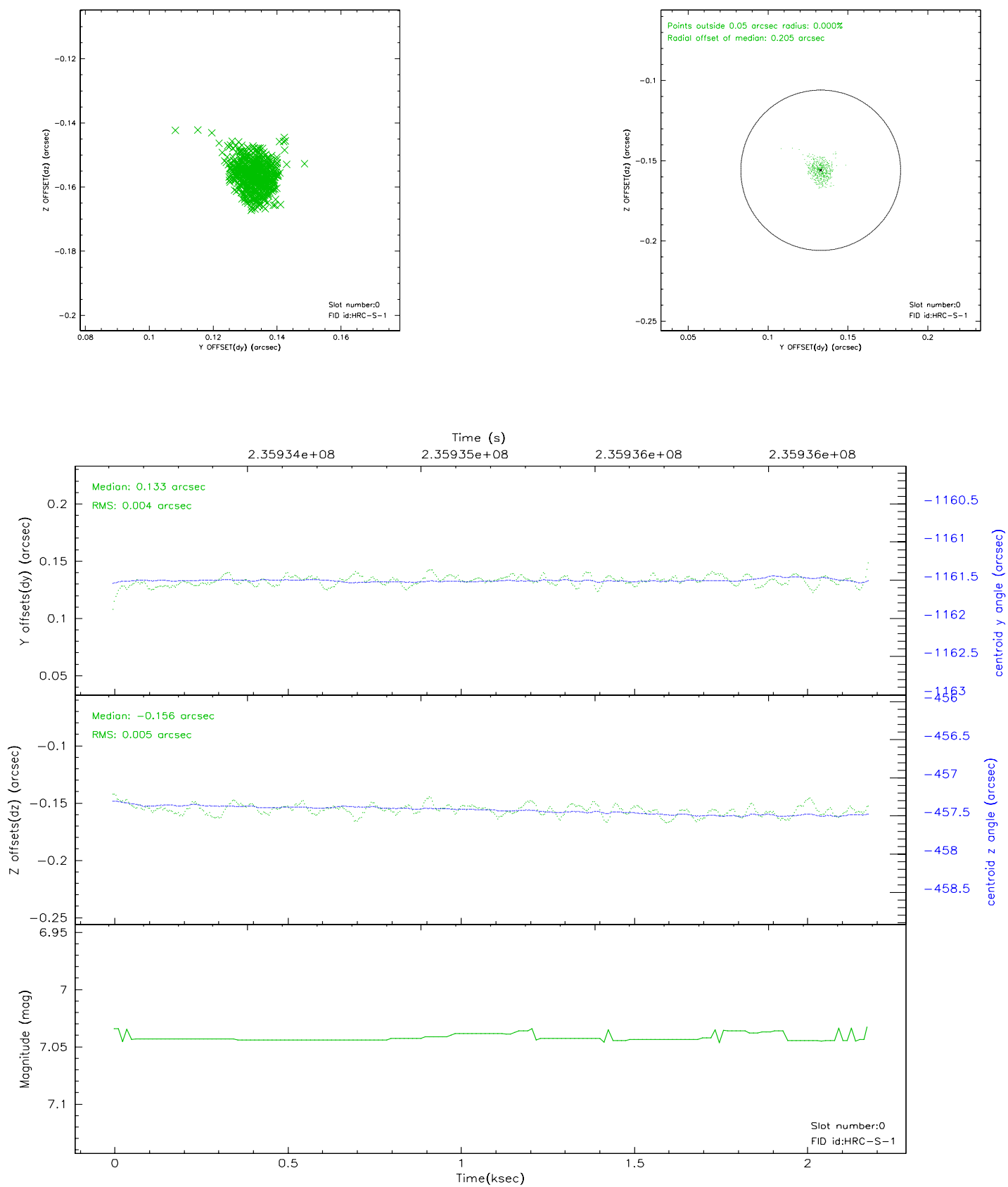


## 2.4.5 Slot 7

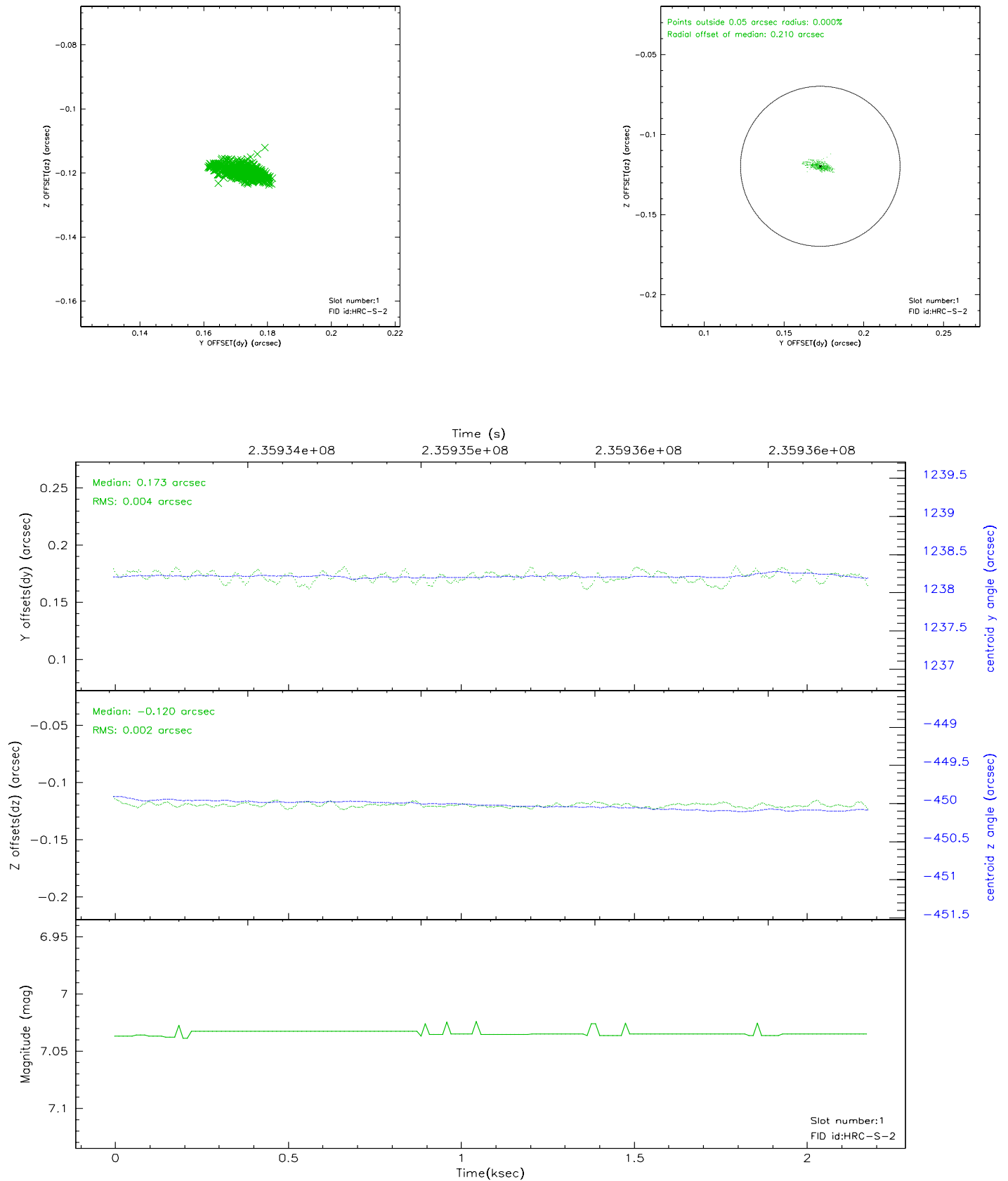


## 2.5 FID Slots

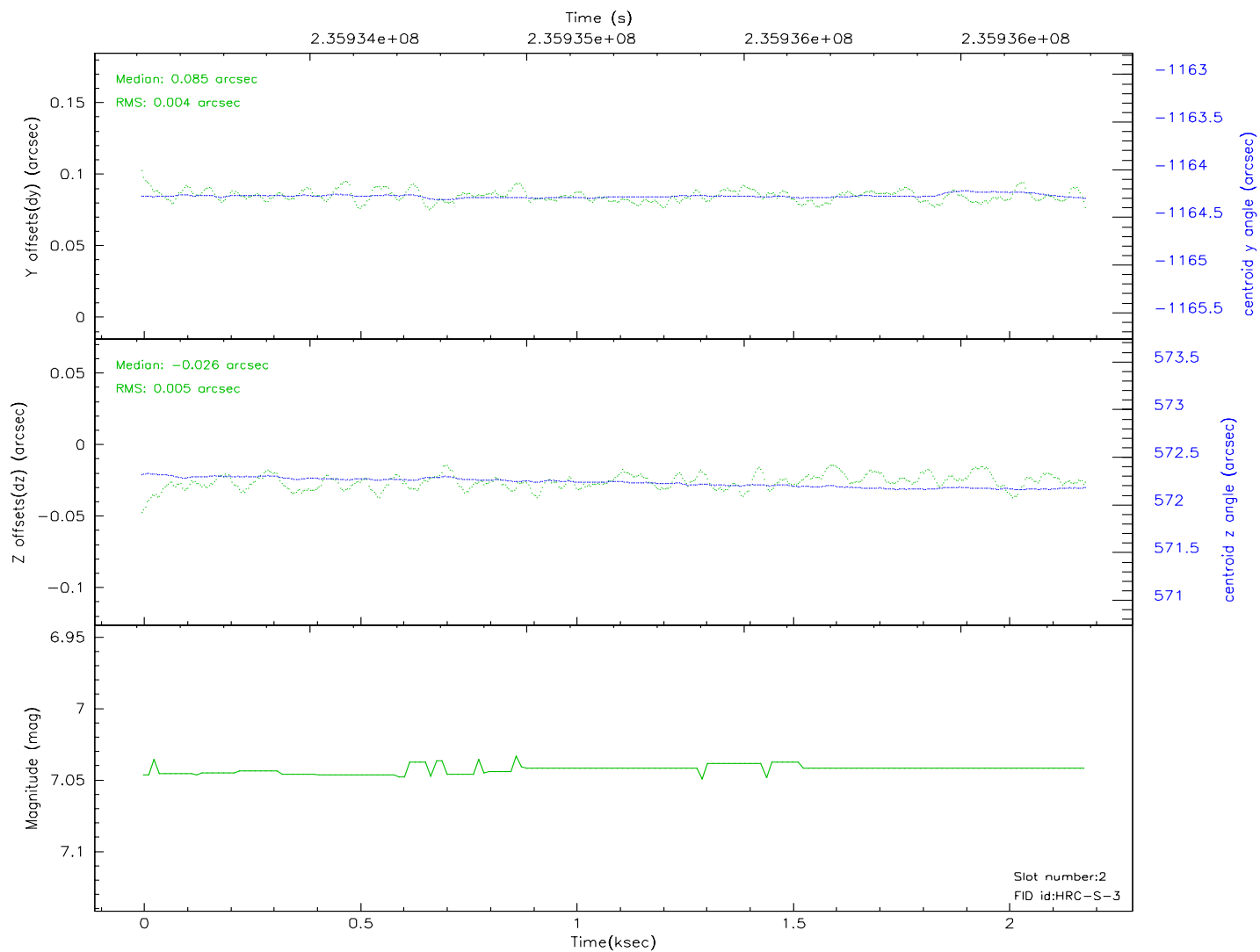
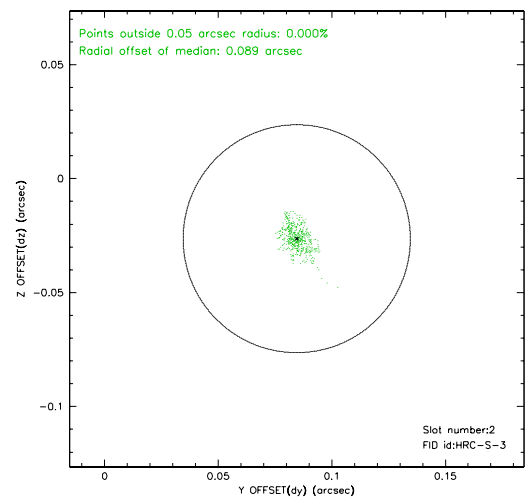
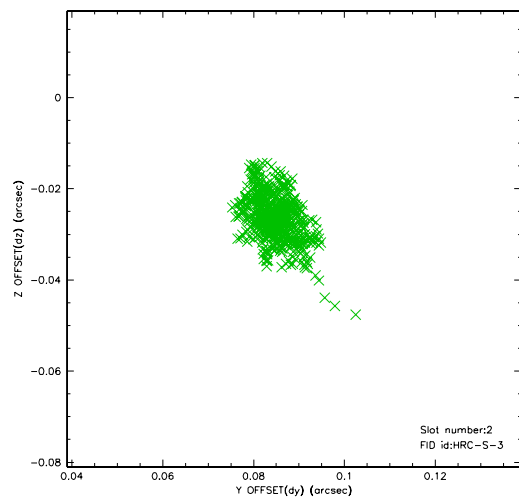
### 2.5.1 Slot 0



## 2.5.2 Slot 1



## 2.5.3 Slot 2





### 3 Point Sources

## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.182481

### A.2 Comments

Window constraint satisfied.