

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5973 - L2 Version 002  
Chandra X-Ray Center

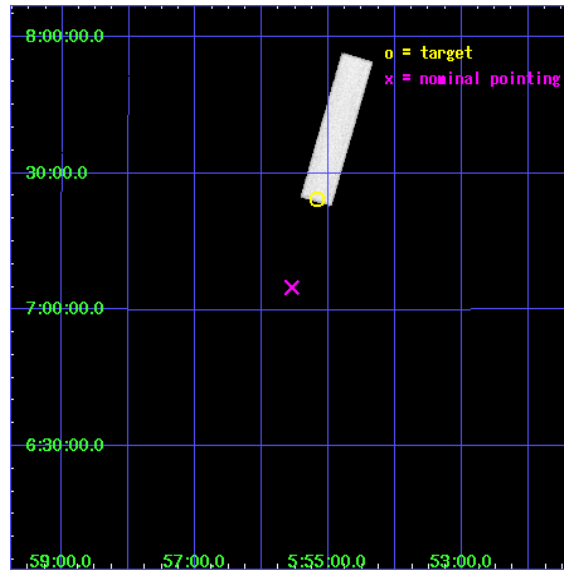
L2 Processing Date: Feb 21 2006

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# 1 Front

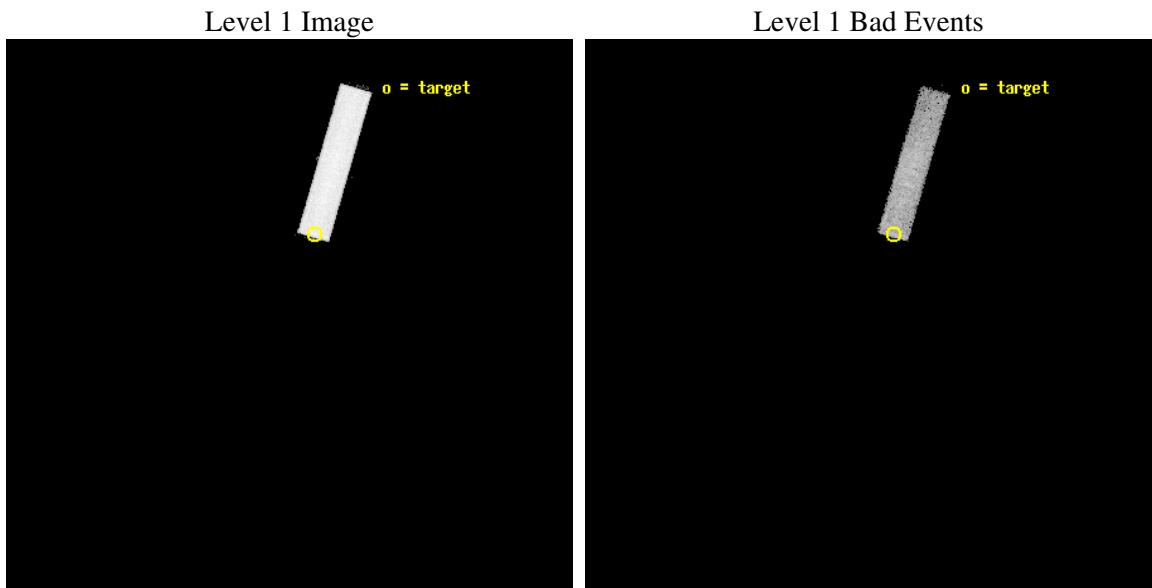
seq_num	290465
obs_id	5973
title	AO6 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.
observer	Dr. CXC Calibration
object	Betelgeuse
ra_targ	88.792917
dec_targ	7.407056
ra_nom	88.887587318072
dec_nom	7.0823413803141
roll_nom	286.16653457118
revision	2
ontime	2184.5313487649
livetime	2171.6798637027
l2events	90202



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-21T21:55:32
revision	2

sched_exp_time	2000.000000
ontime	2184.5313487649
l1events	135878

### 2.1.3 Events

Level 1 Events

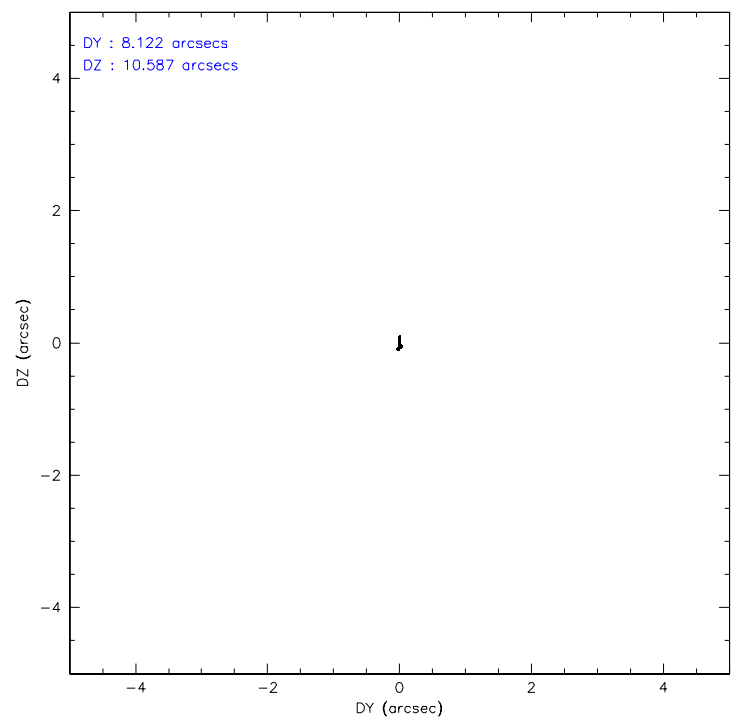
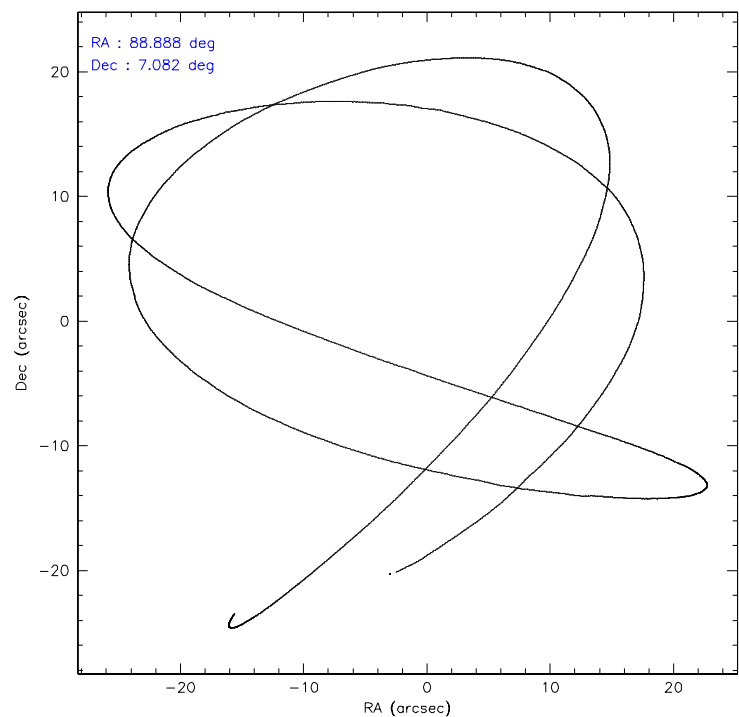
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	135834	44	0
rejected events	34538	13	0
rejected %	25%	29%	0%

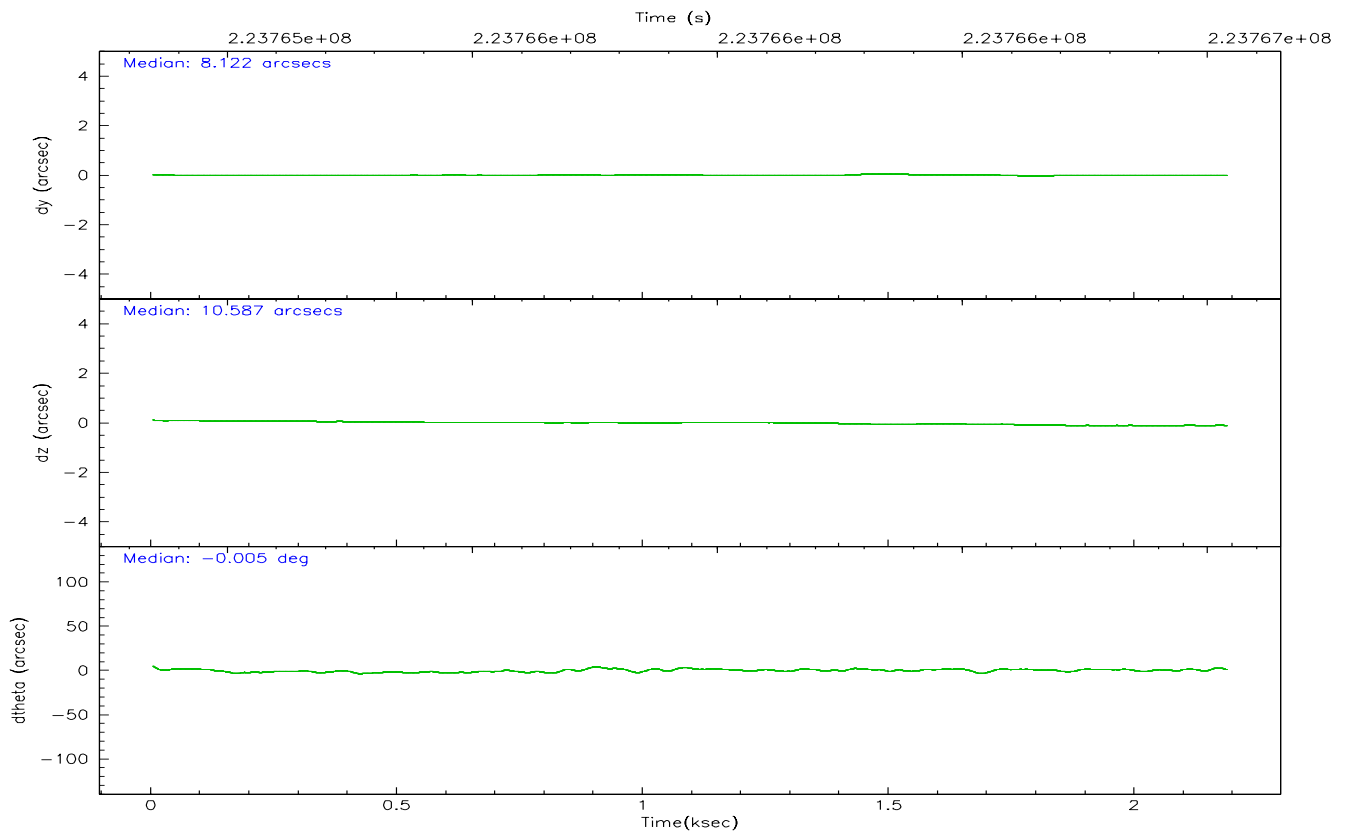
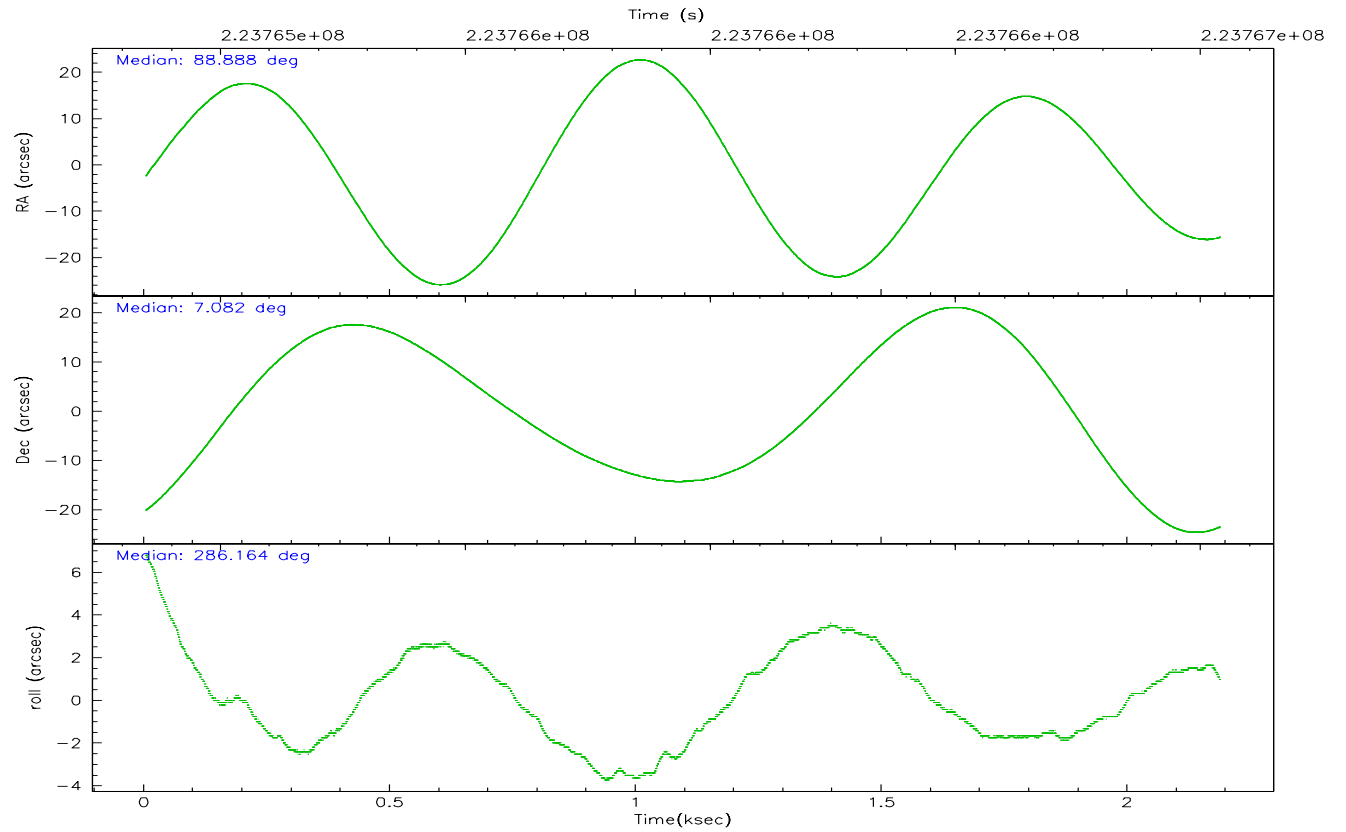
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	88.865562	88.88758731807171
Pointing Dec	7.101034	7.082341380314086
Pointing Roll	286.101895	286.1665345711796
Window start time	223603264.184000	223603264.184000
Window stop time	228614464.184000	228614464.184000
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	223765037.184000	223764661.12765
Observation start date	2005-02-02T20:56:13	2005-02-02T20:51:01
Observation end time	223767037.184000	223767171.35276
Observation end date	2005-02-02T21:29:33	2005-02-02T21:32:51

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

2.3 Aspect





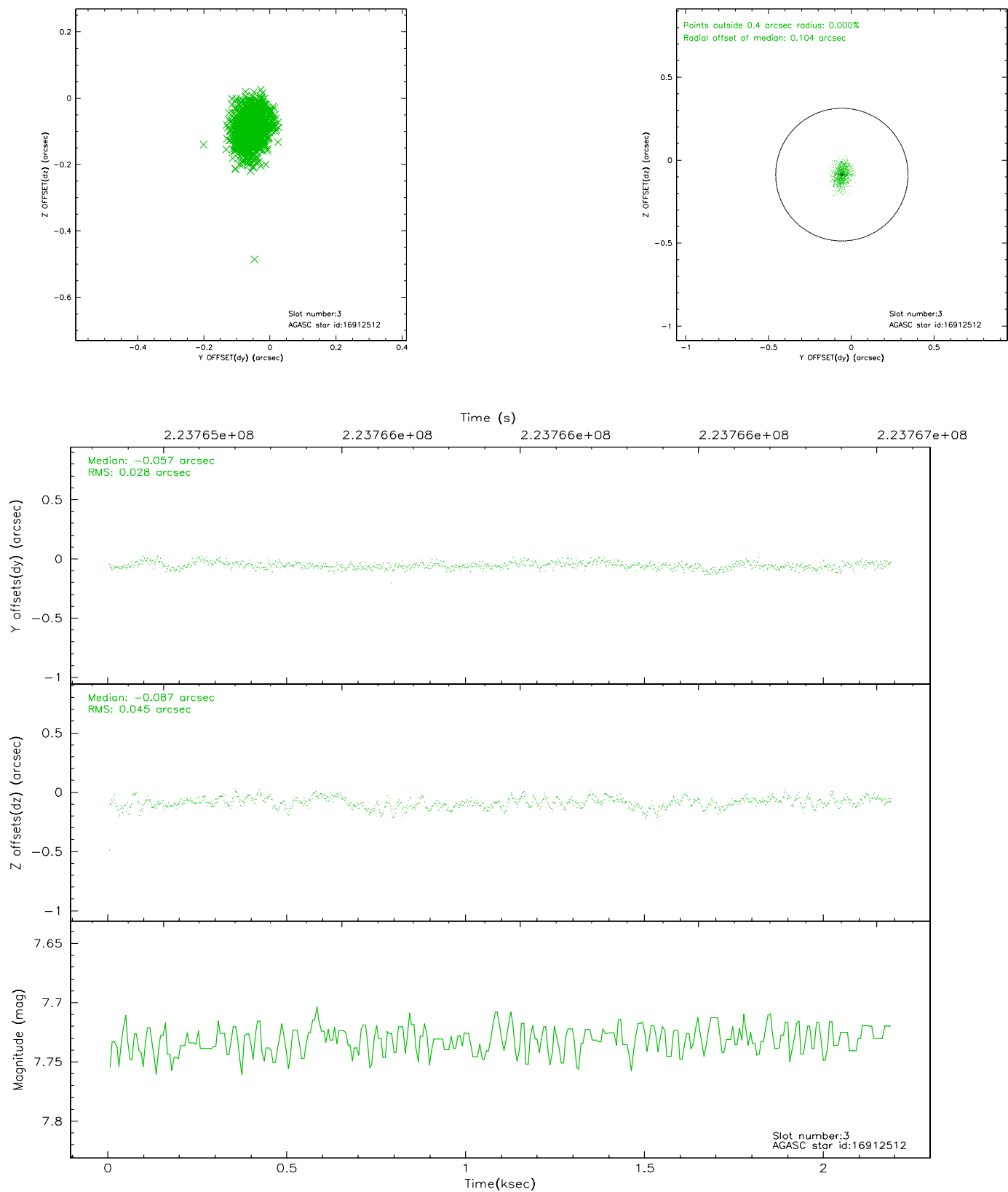
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	533	0.089	-0.200	0.008	0.014	0.000000	0.000000	-1162.32	-459.36
1	FID	HRC-S-3	7.03	533	0.080	-0.015	0.010	0.016	0.000000	0.000000	-1167.27	569.49
2	FID	HRC-S-4	6.98	533	0.219	-0.082	0.006	0.011	0.000000	0.000000	1233.84	573.99
3	GUIDE	16912512	7.73	1067	-0.057	-0.087	0.055	0.090	88.651510	7.129862	-311.82	-706.70
4	GUIDE	16913360	8.34	1067	0.010	0.041	0.061	0.099	89.178373	7.247125	-196.01	1217.84
5	GUIDE	16917248	8.71	1067	0.104	0.142	0.066	0.108	89.306967	6.774731	1565.58	1191.04
6	GUIDE	16918912	8.64	1067	0.136	0.085	0.074	0.119	89.257075	6.922287	1007.46	1166.43
7	GUIDE	93856056	7.97	1066	-0.190	-0.173	0.068	0.108	88.147460	7.547925	-2257.49	-2015.57

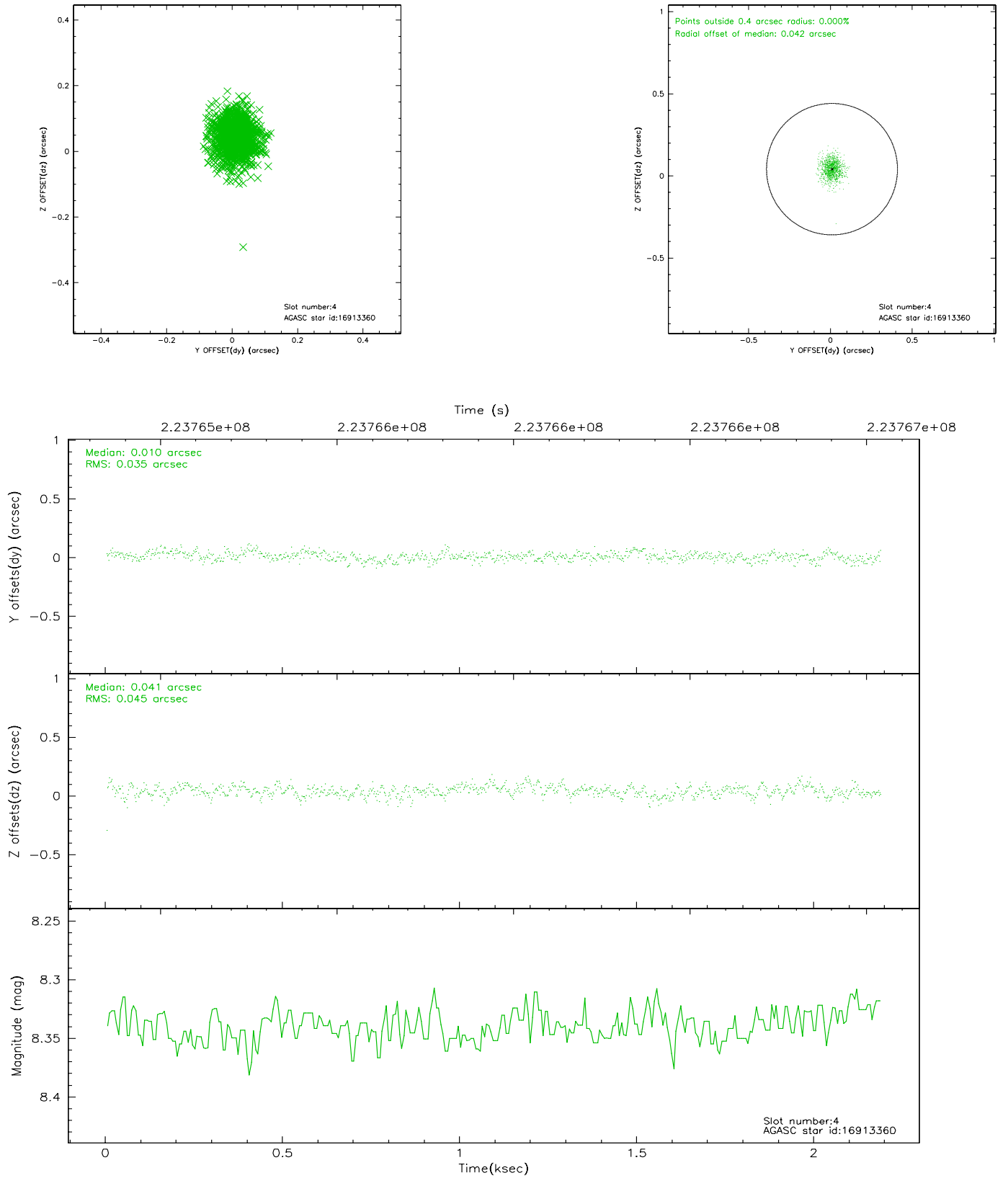


## 2.4 Star Slots

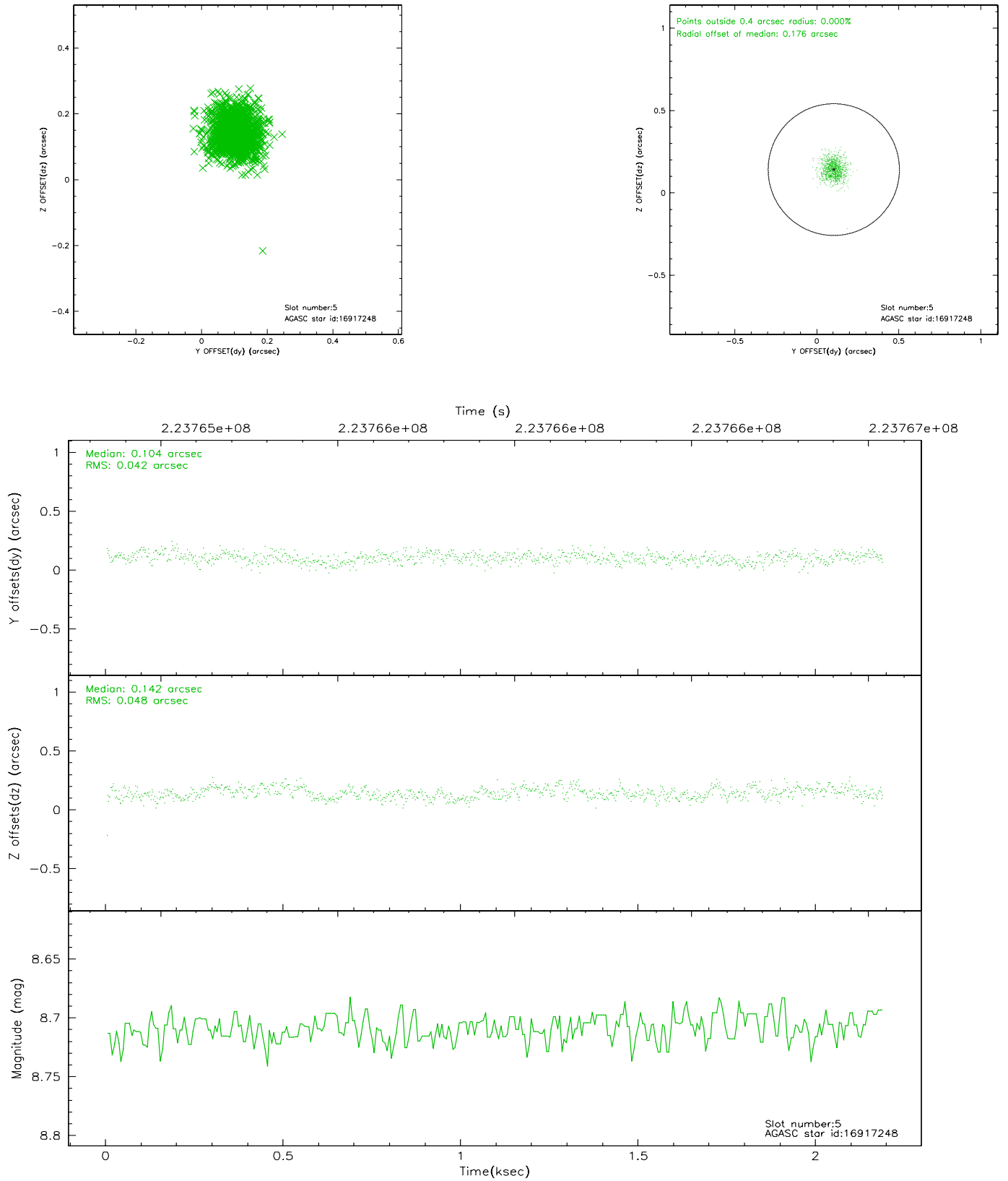
### 2.4.1 Slot 3



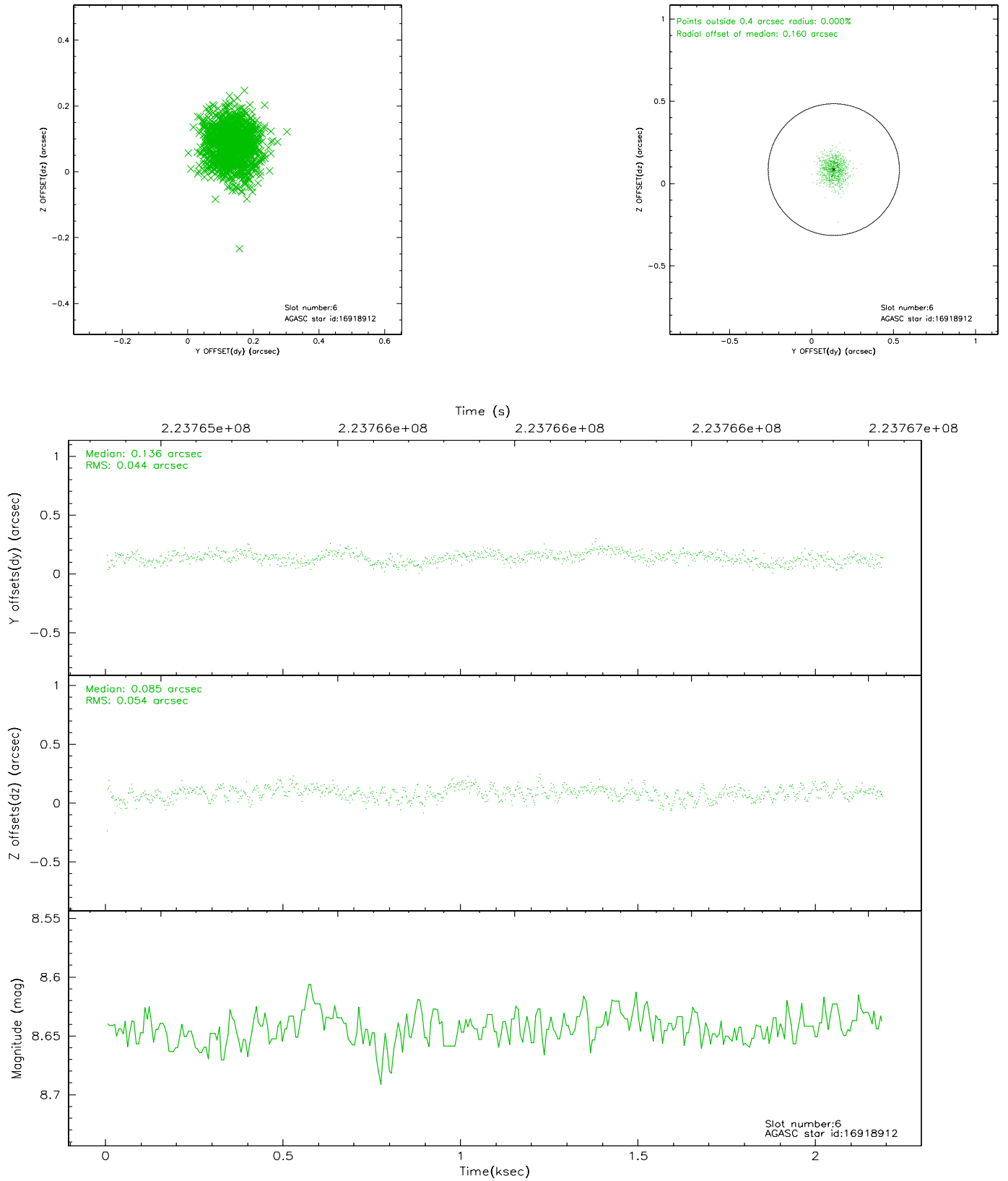
## 2.4.2 Slot 4



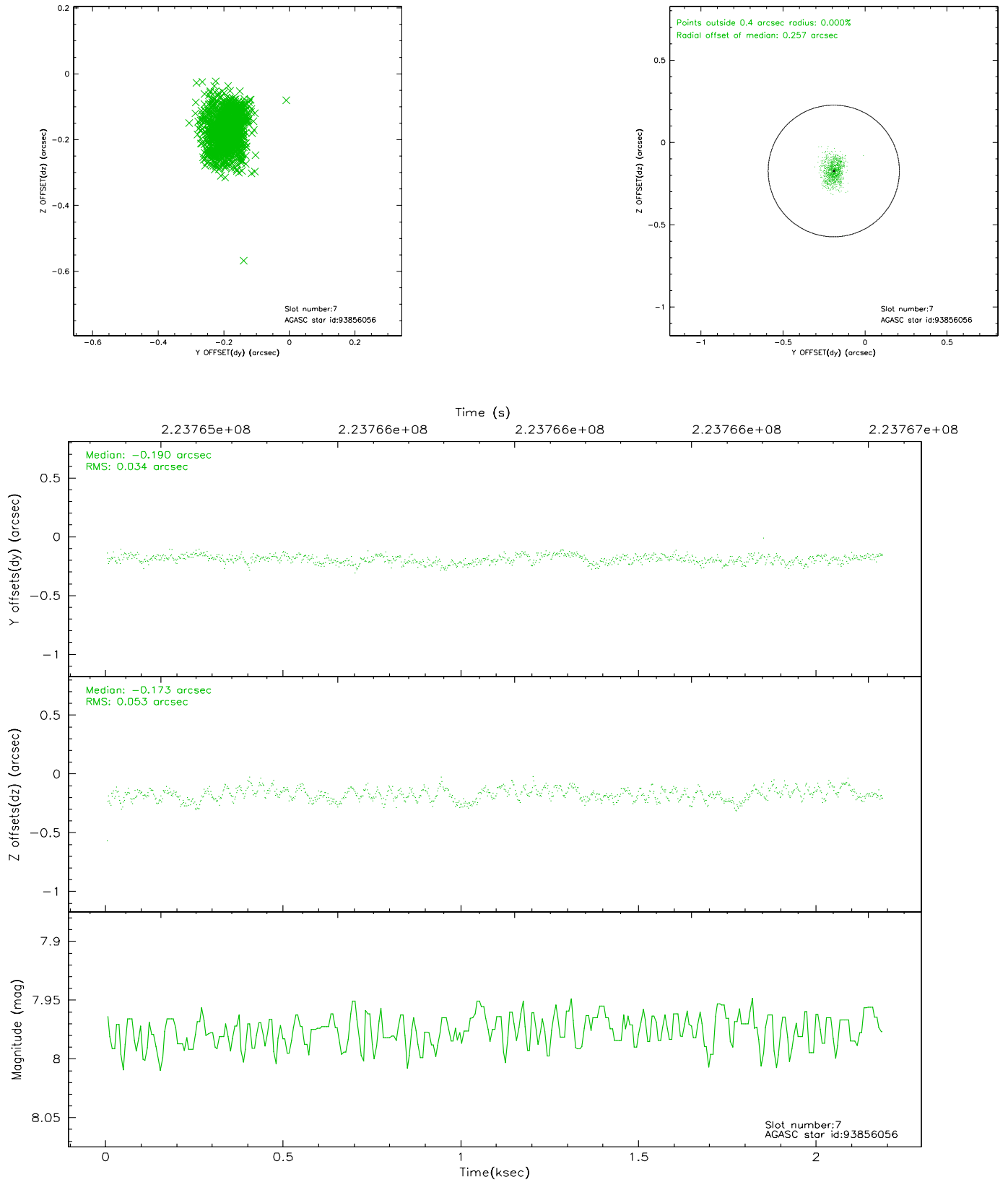
### 2.4.3 Slot 5



## 2.4.4 Slot 6

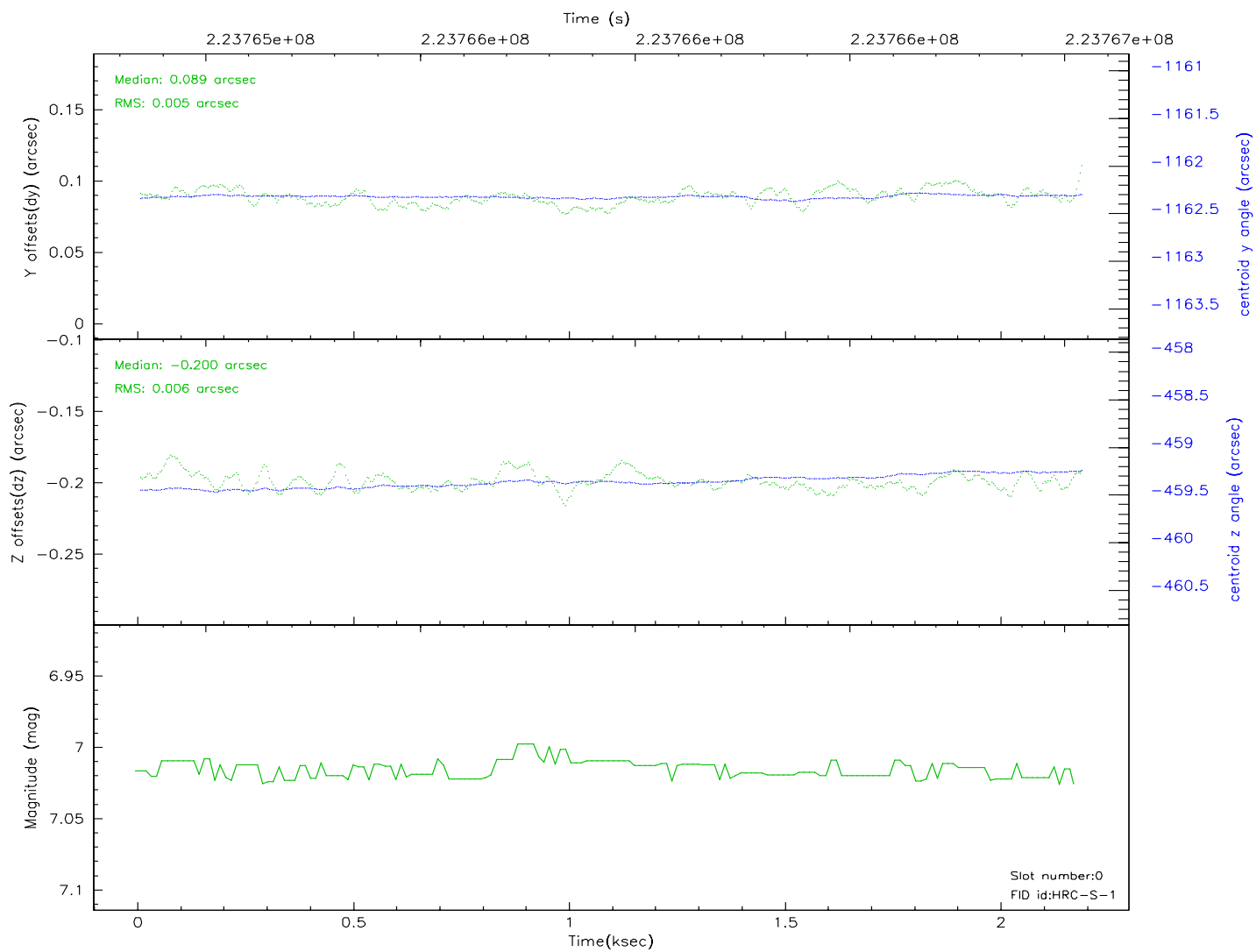
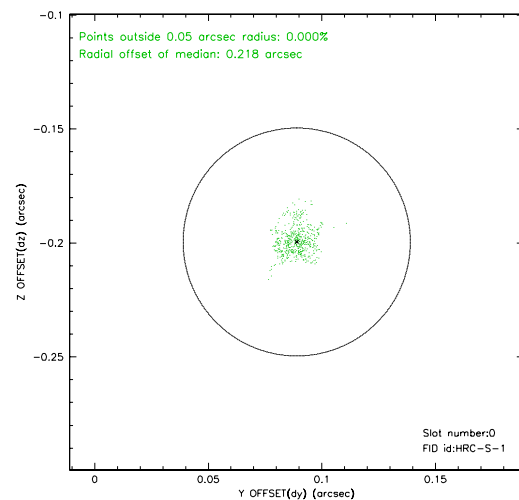
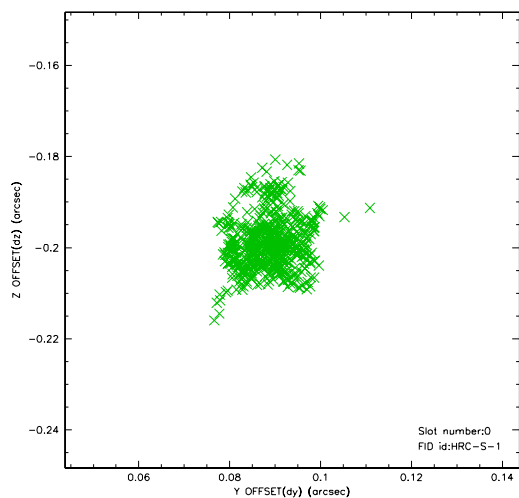


## 2.4.5 Slot 7

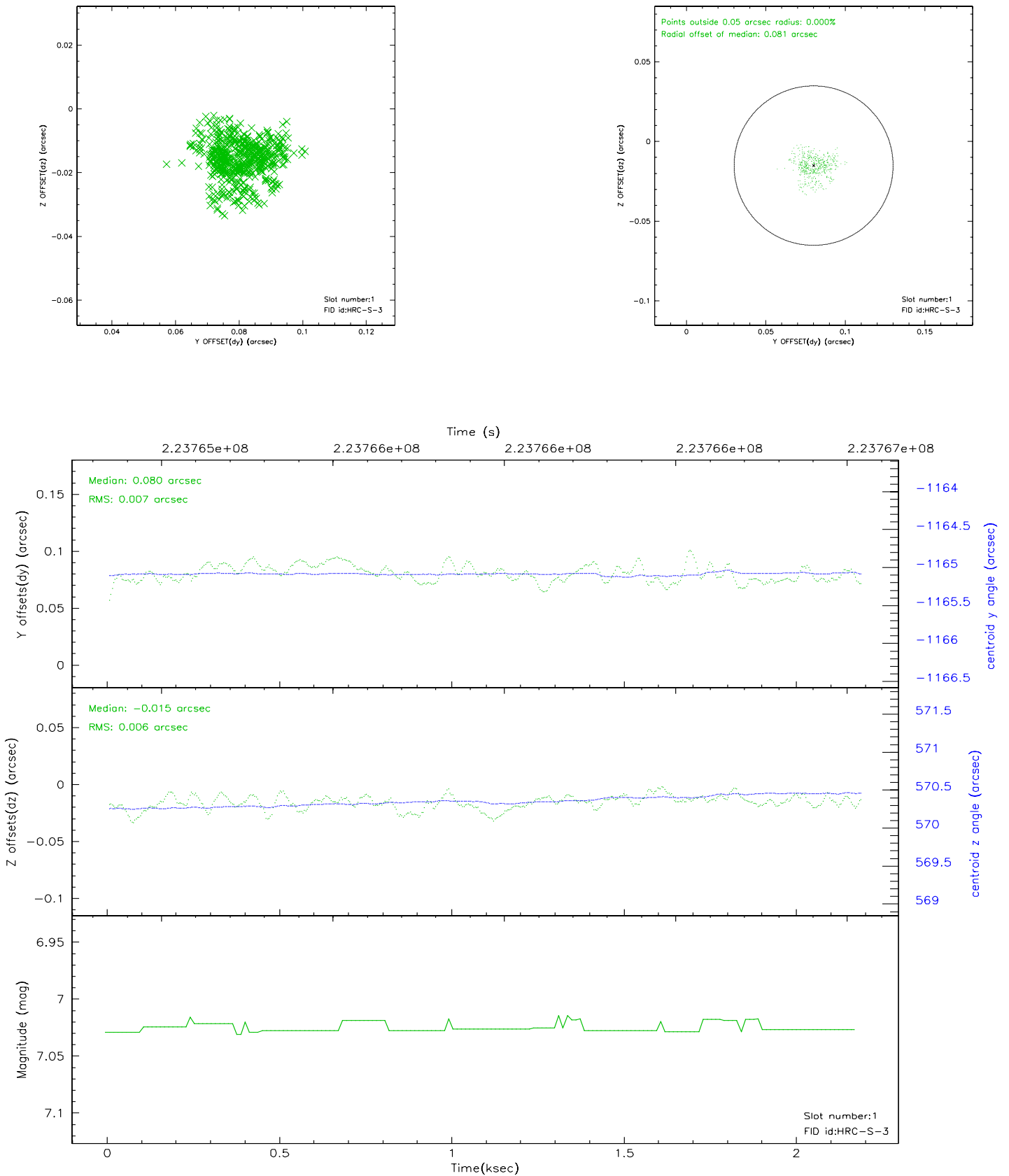


## 2.5 FID Slots

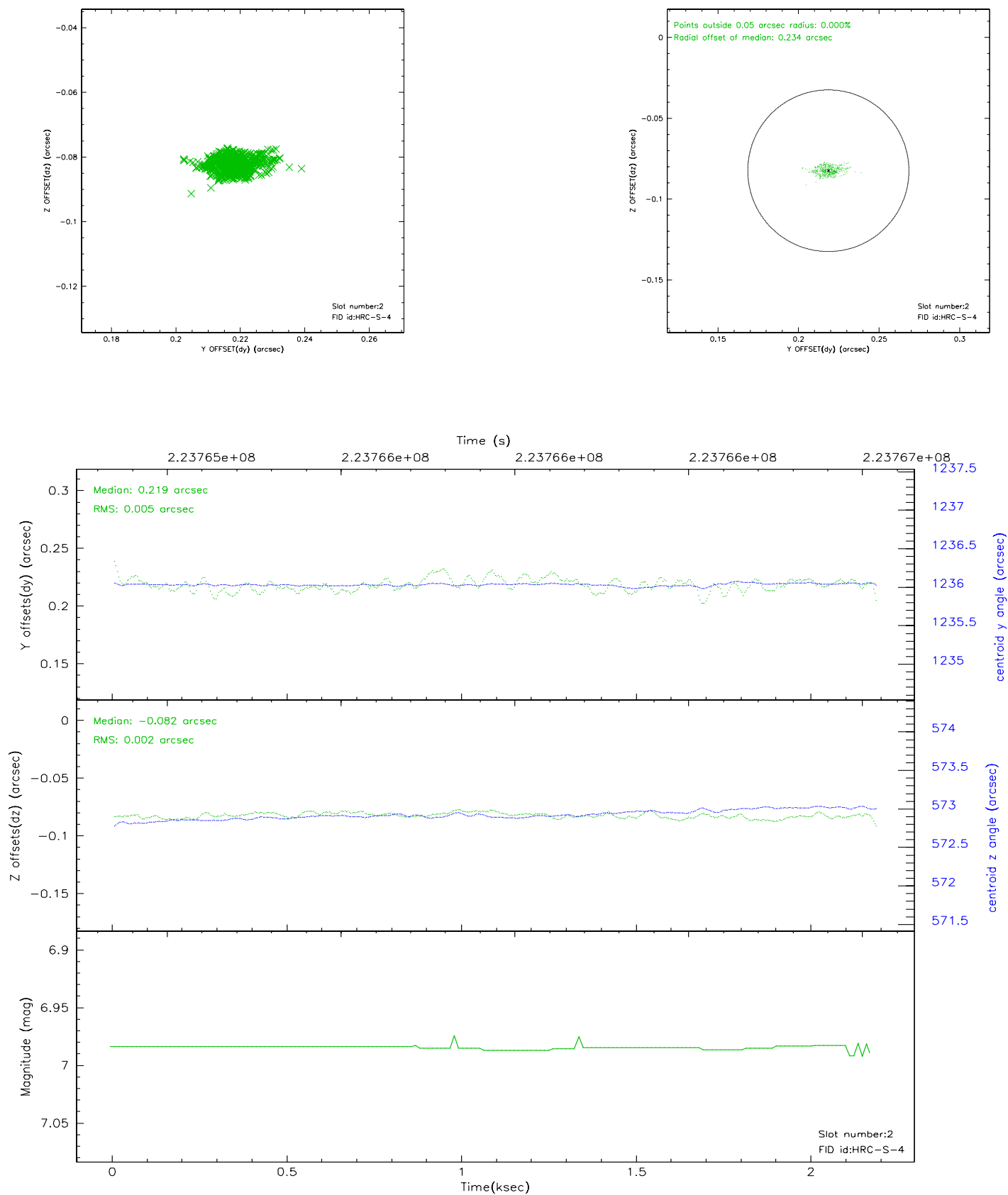
### 2.5.1 Slot 0



## 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)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.184275

### A.2 Comments