

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 1744 - L2 Version 001  
Chandra X-Ray Center

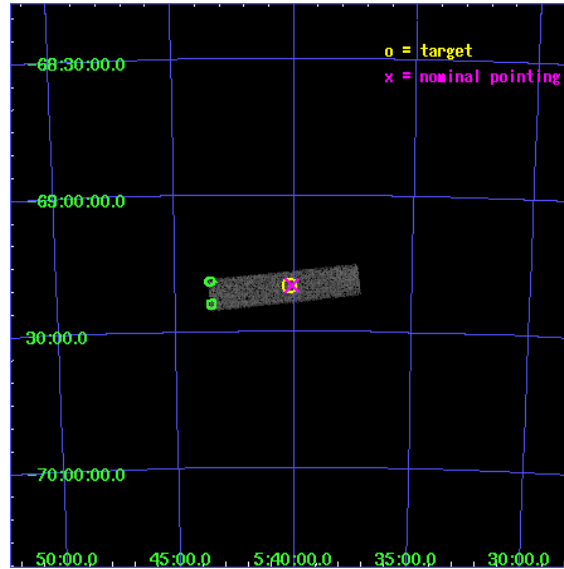
L2 Processing Date : May 27 2007

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# 1 Front

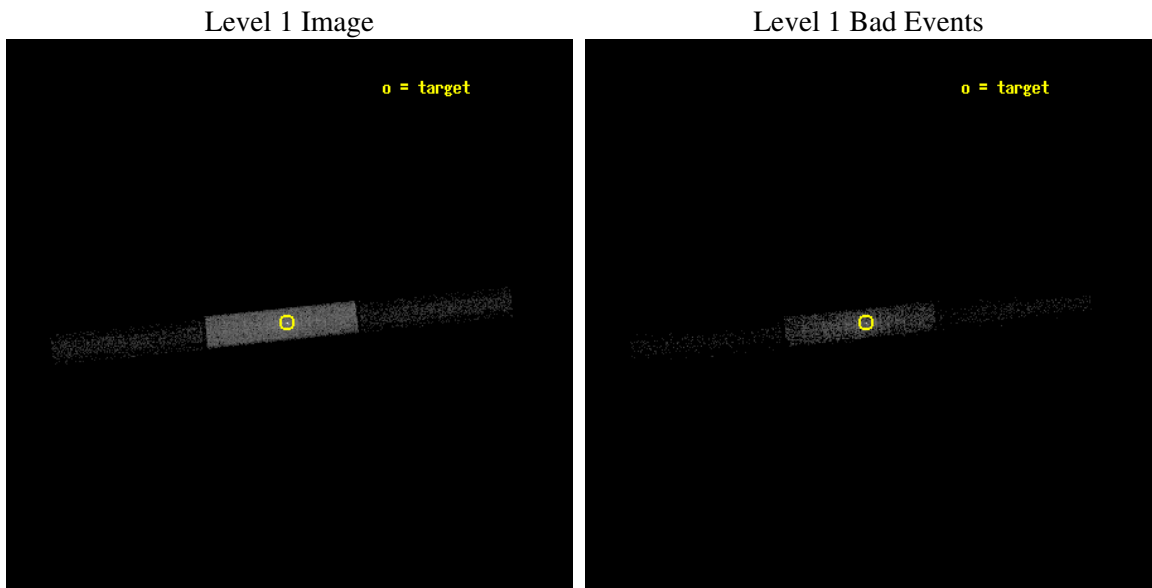
seq_num	590193
obs_id	1744
title	VERIFICATION OF AXAF TIMING CAPABILITY
observer	DR. CXC CALIBRATION
object	PSR B0540-69
ra_targ	85.04625
dec_targ	-69.332
ra_nom	85.021897006265
dec_nom	-69.330167584436
roll_nom	174.02562979227
revision	6
ontime	379.25001399219
livetime	378.33628923477
l2events	8872



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-27T08:25:56
revision	6

sched_exp_time	300.000000
ontime	379.25001399219
l1events	19794

### 2.1.3 Events

Level 1 Events

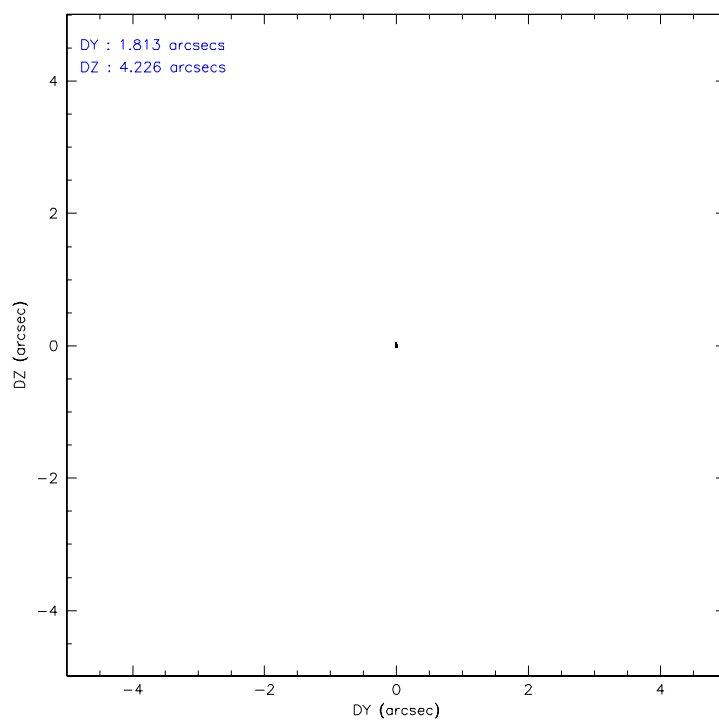
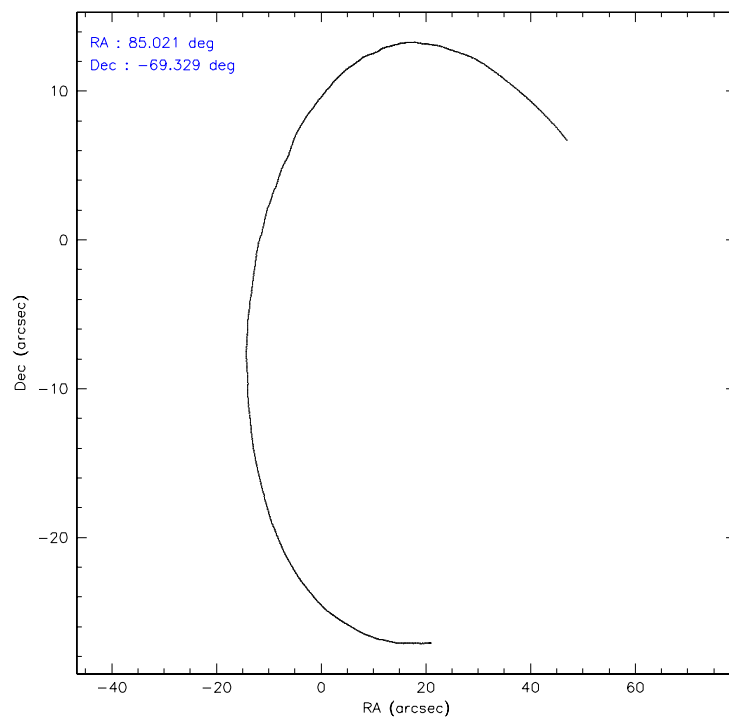
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1252	17157	1385
rejected events	1248	7690	1385
rejected %	99%	44%	100%

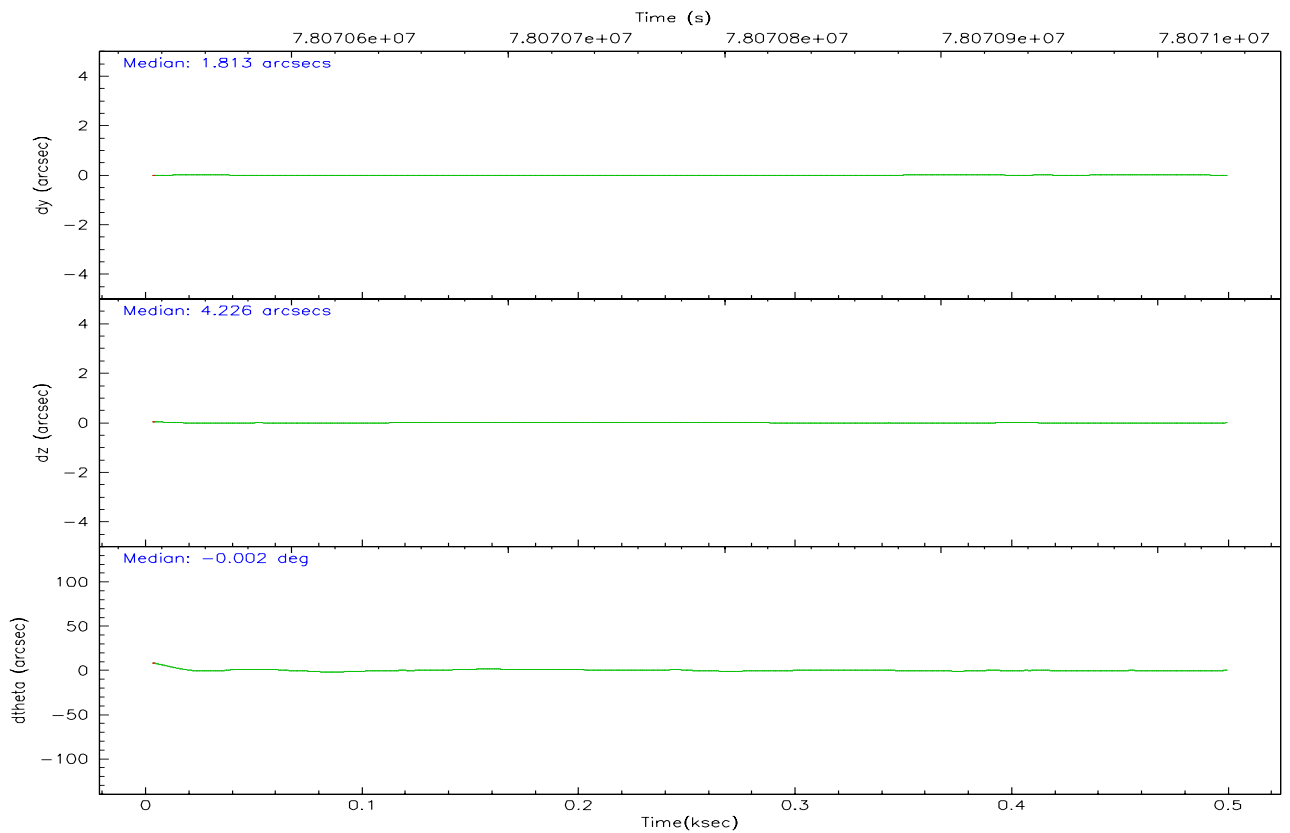
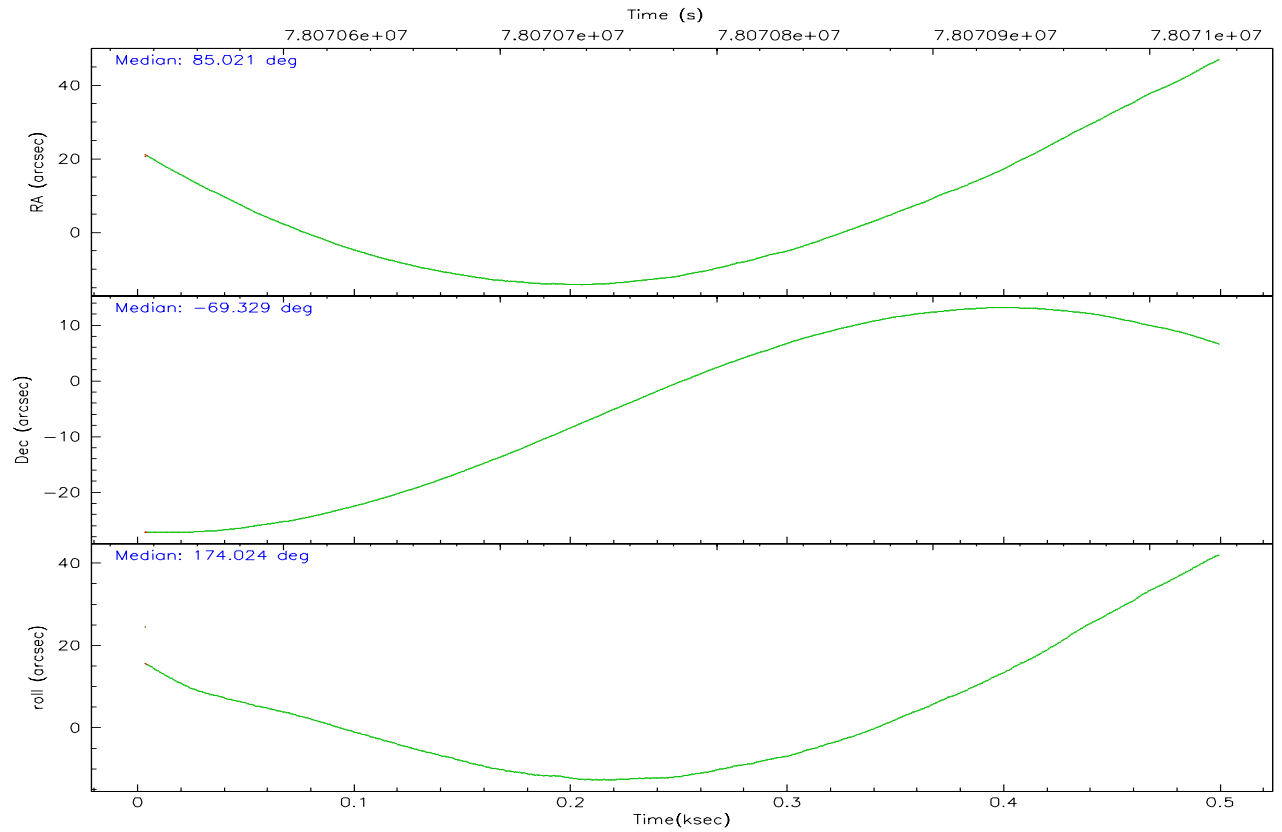
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	85.04625	85.02189700626477
Pointing Dec	-69.33199999999999	-69.33016758443567
Pointing Roll	174.036349	174.025629792268
SIM focus pos (mm)	-1.4281808131	-1.4281808131
SIM defocus (mm)	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.46603308	250.46603308
SIM translation stage offset (mm)	-0.01005726100527227	-0.01005726100527227
Observation start time	78070538.56268877	78070538.56268877
Observation start date	2000-06-22T14:15:39	2000-06-22T14:15:38
Observation end time	78071037.73770717	78071037.73770717
Observation end date	2000-06-22T14:23:58	2000-06-22T14:23:57

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE

## 2.3 Aspect





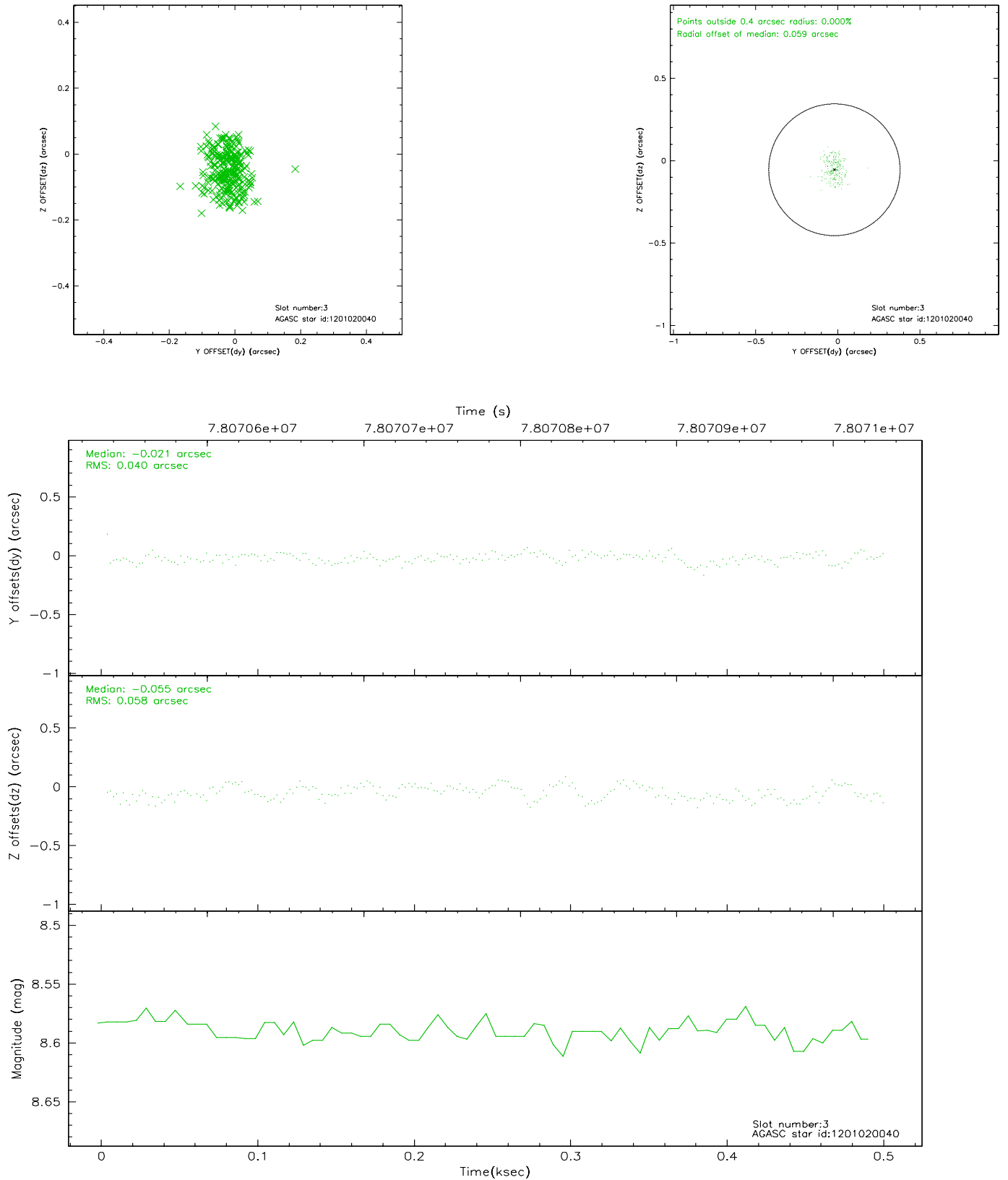
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	122	0.123	-0.117	0.007	0.012	0.000000	0.000000	-1155.86	-452.65
1	FID	HRC-S-3	6.98	122	0.142	-0.083	0.009	0.017	0.000000	0.000000	-1168.00	573.21
2	FID	HRC-S-4	6.92	122	0.123	-0.097	0.005	0.008	0.000000	0.000000	1232.86	584.09
3	GUIDE	1201020040	8.59	242	-0.021	-0.055	0.078	0.110	85.379163	-68.879396	-201.98	-1605.78
4	GUIDE	1201019200	9.47	243	-0.069	0.075	0.095	0.143	84.213591	-68.777384	1343.63	-1812.33
5	GUIDE	1201406992	9.27	243	0.085	-0.037	0.084	0.133	83.682859	-69.471866	1719.07	751.52
6	GUIDE	1200885760	9.47	243	-0.081	0.087	0.097	0.153	83.723637	-68.777667	1985.10	-1723.51
7	GUIDE	1201020088	10.60	241	0.098	-0.042	0.144	0.232	86.319248	-68.997756	-1443.90	-1300.57

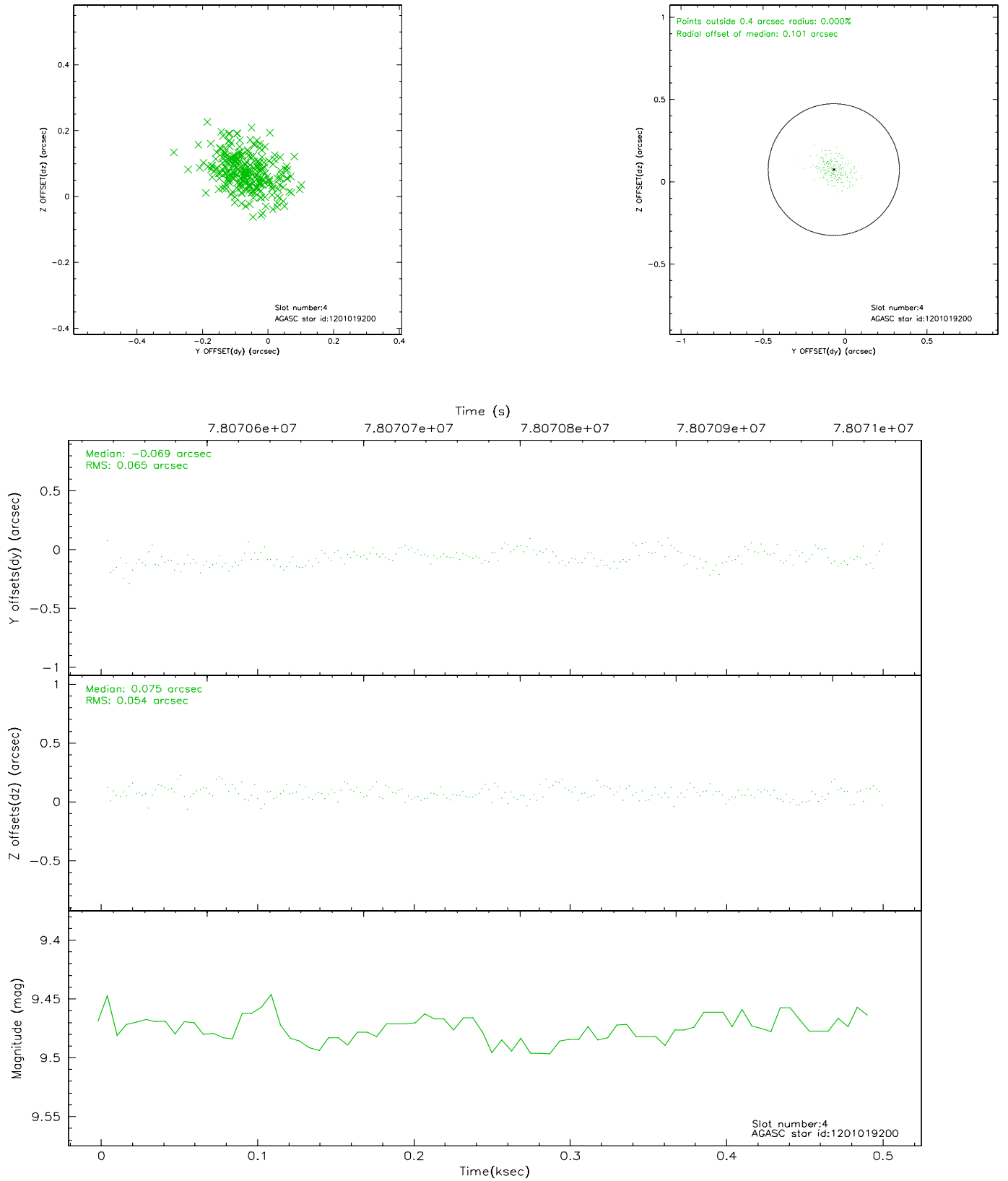


## 2.4 Star Slots

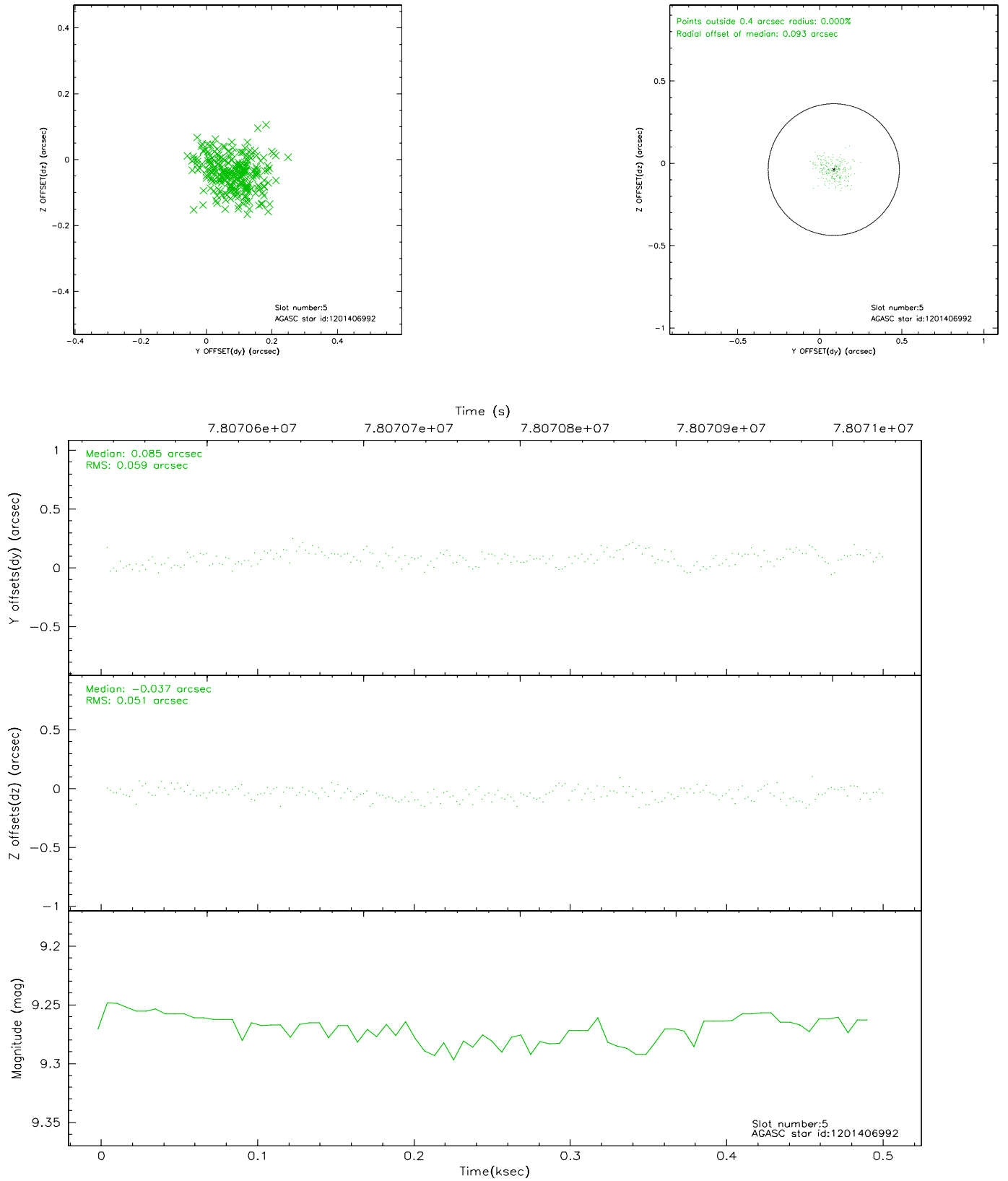
### 2.4.1 Slot 3



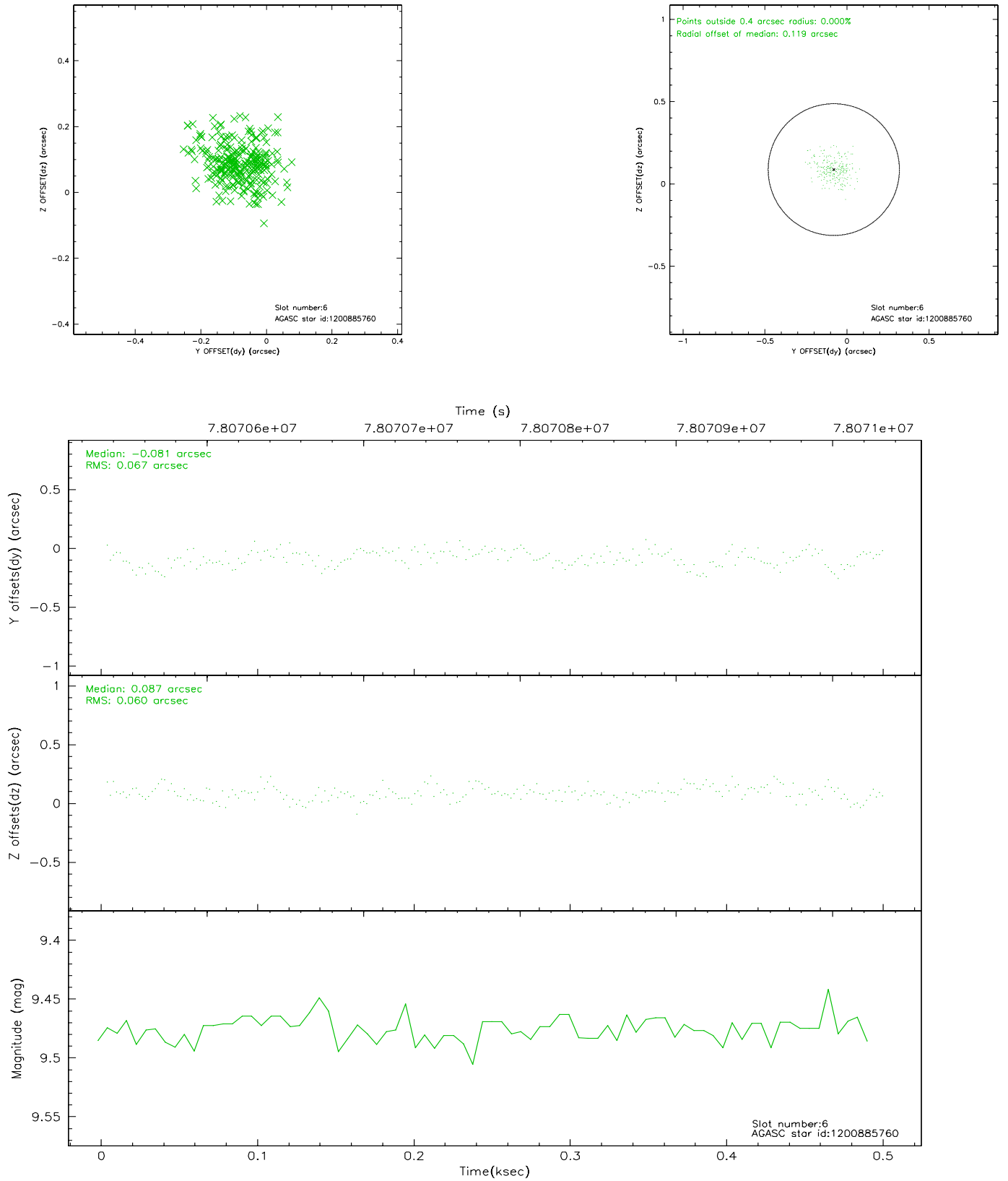
## 2.4.2 Slot 4



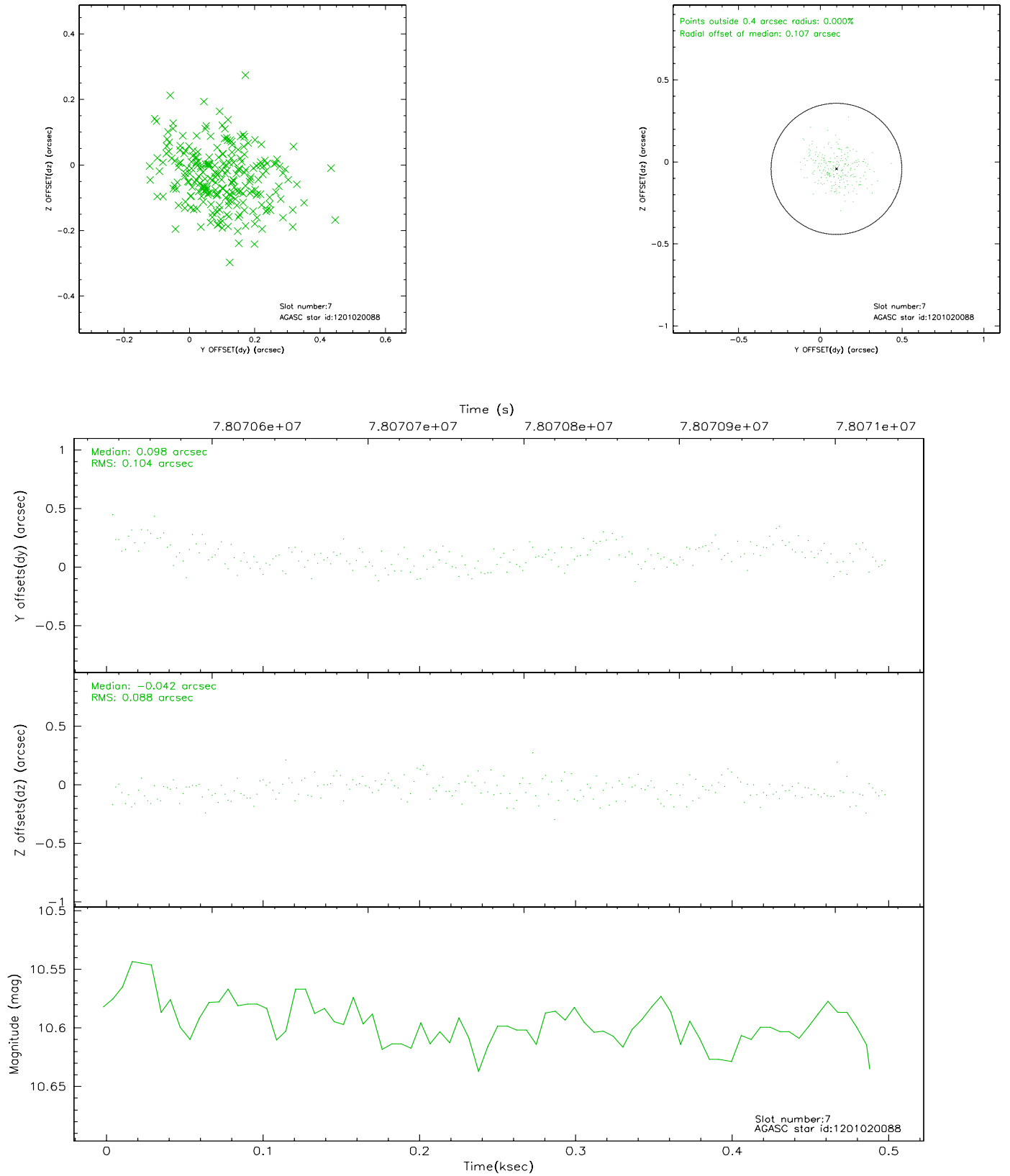
### 2.4.3 Slot 5



## 2.4.4 Slot 6

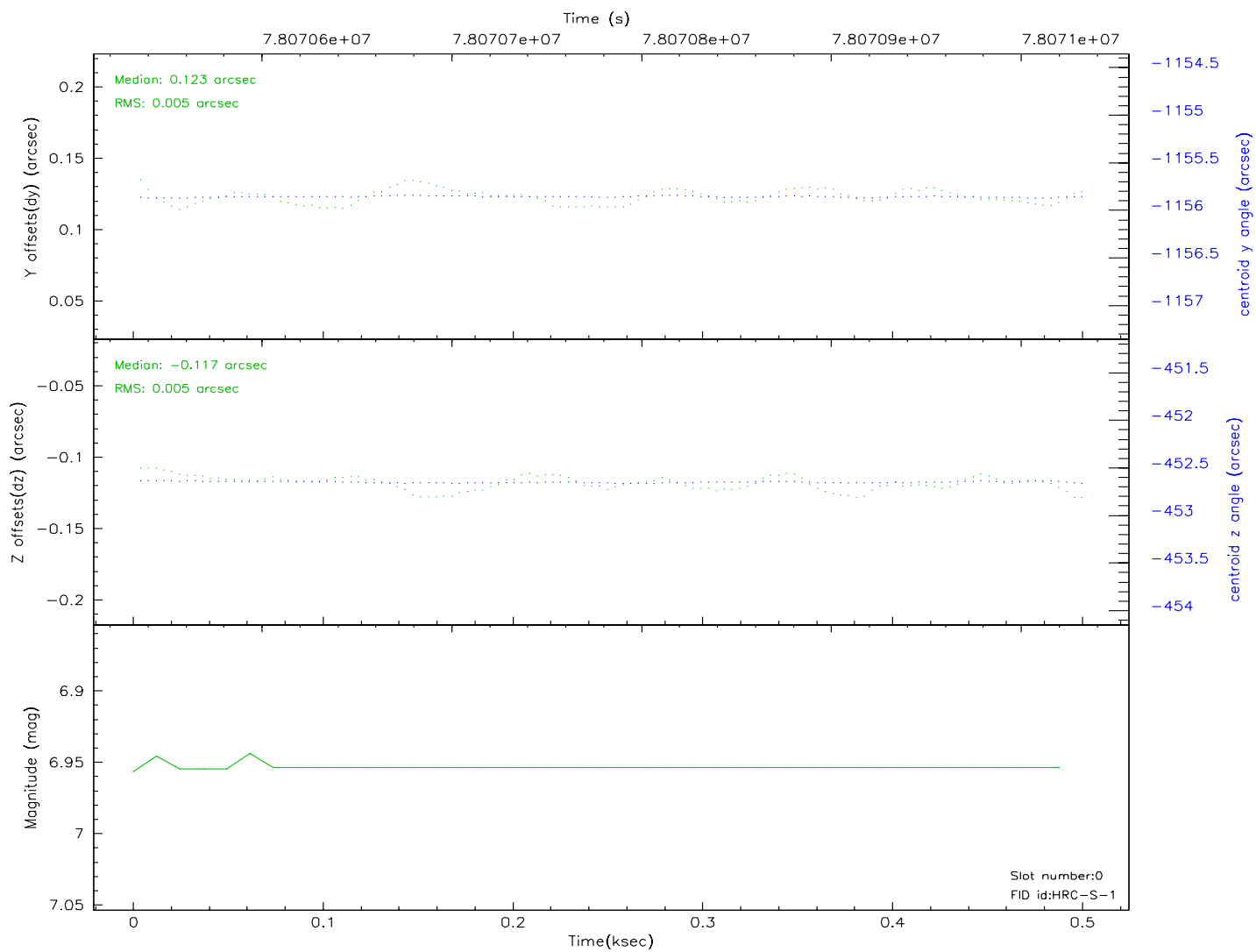
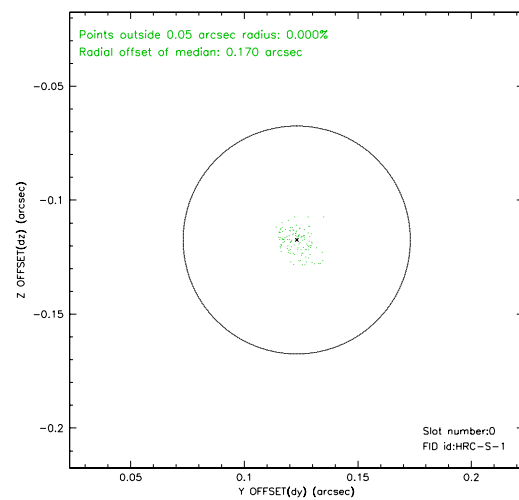
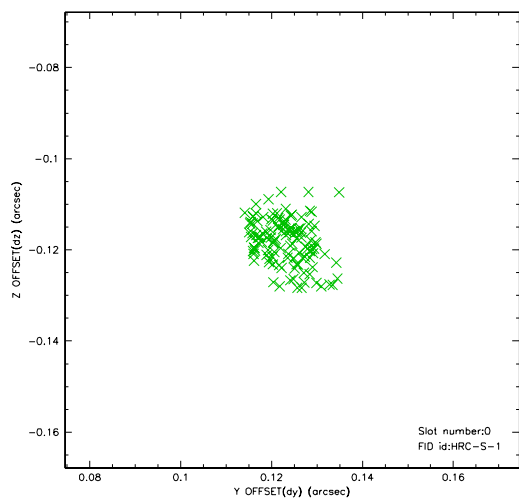


## 2.4.5 Slot 7

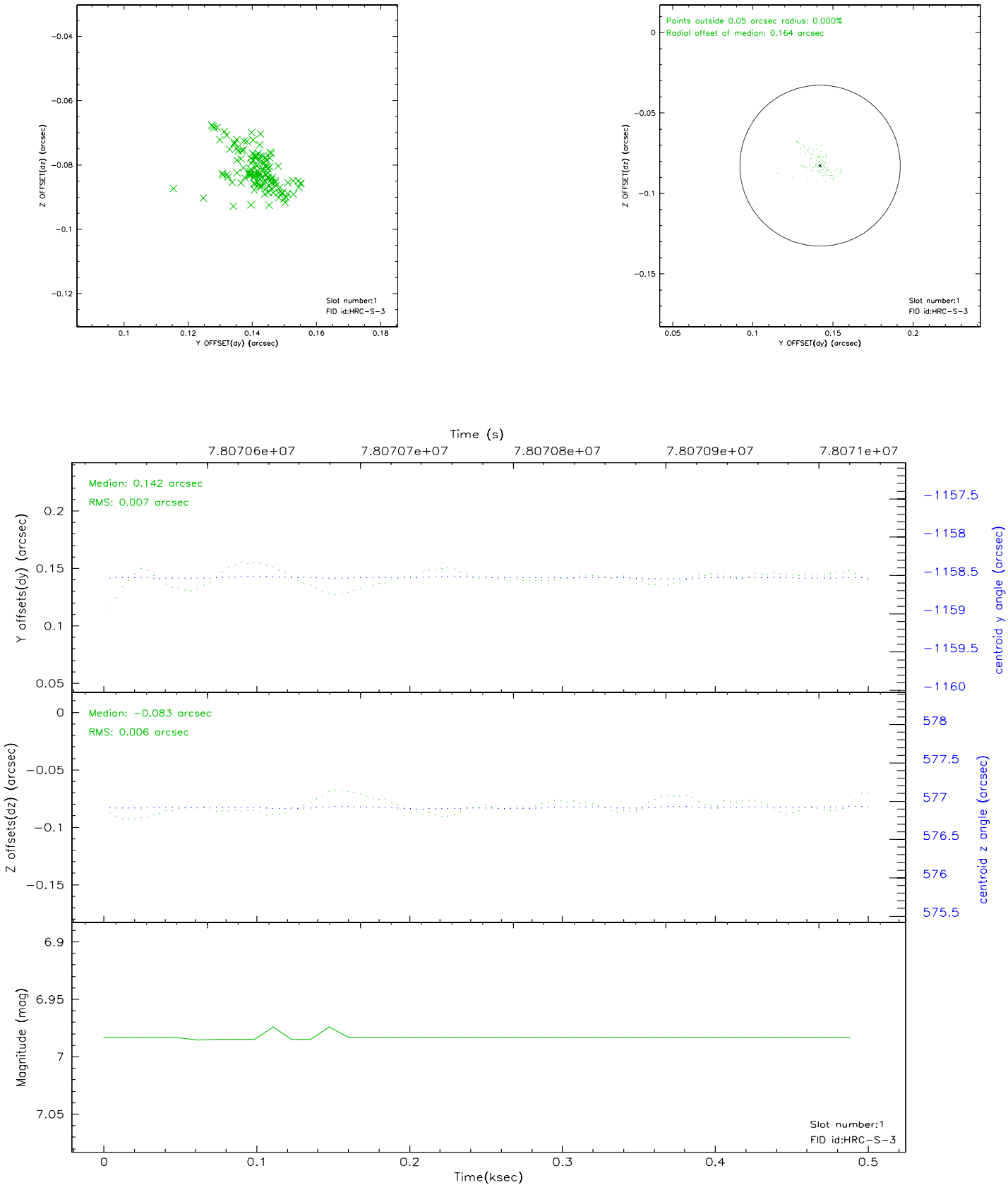


## 2.5 FID Slots

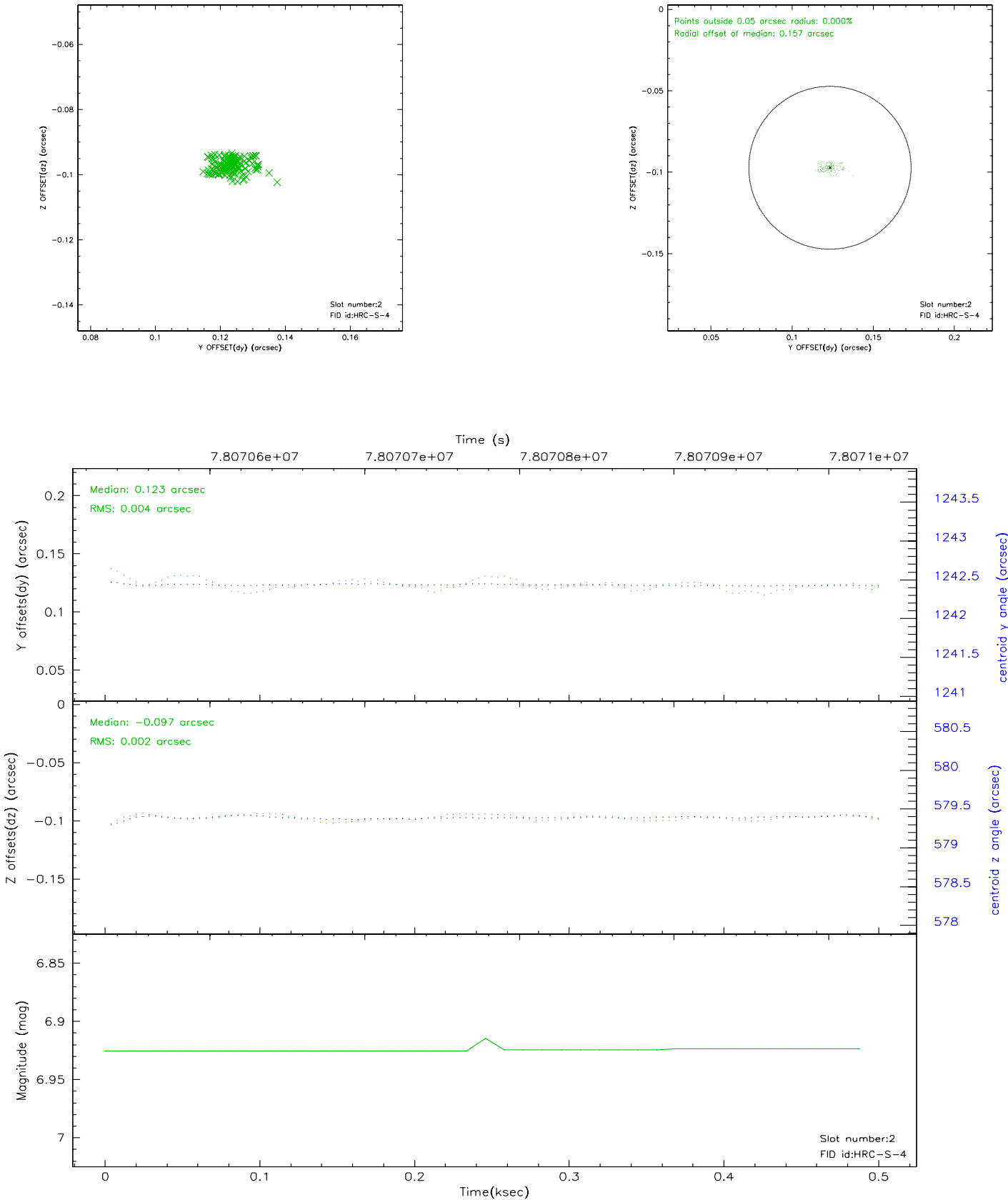
### 2.5.1 Slot 0



2.5.2 Slot 1

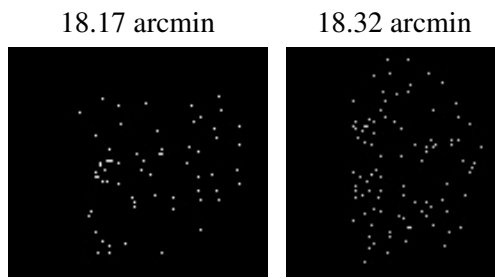


2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.375

### A.2 Comments