

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3813 - L2 Version 3  
Chandra X-Ray Center

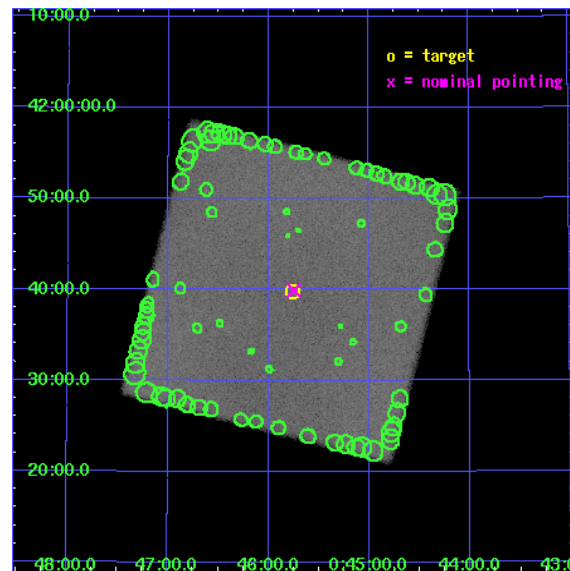
L2 Processing Date : Nov 23 2007

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# 1 Front

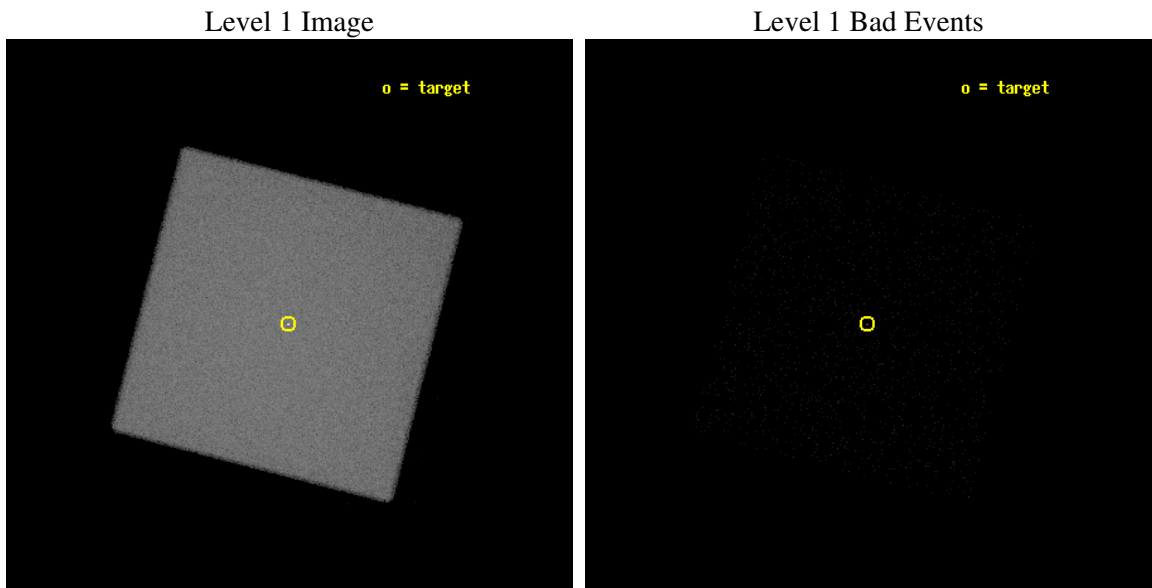
seq_num	400300
obs_id	3813
title	PURSuing HINTS OF MULTIPLICITY IN M31 GLOBULAR CLUSTER BO 375
observer	Dr Albert Kong
object	BO 375
ra_targ	11.44
dec_targ	41.662556
ra_nom	11.436870171525
dec_nom	41.665467577792
roll_nom	149.40919749618
revision	3
ontime	4815.4502063394
livetime	4635.9016754014
l2events	657043



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-23T20:21:46
revision	3

sched_exp_time	4944.000000
ontime	4815.4502063394
l1events	881601

### 2.1.3 Events

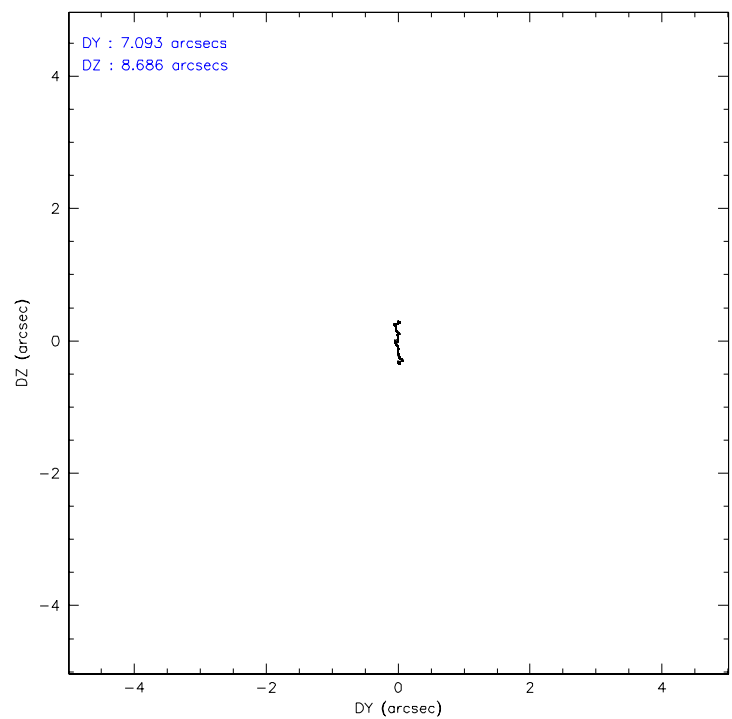
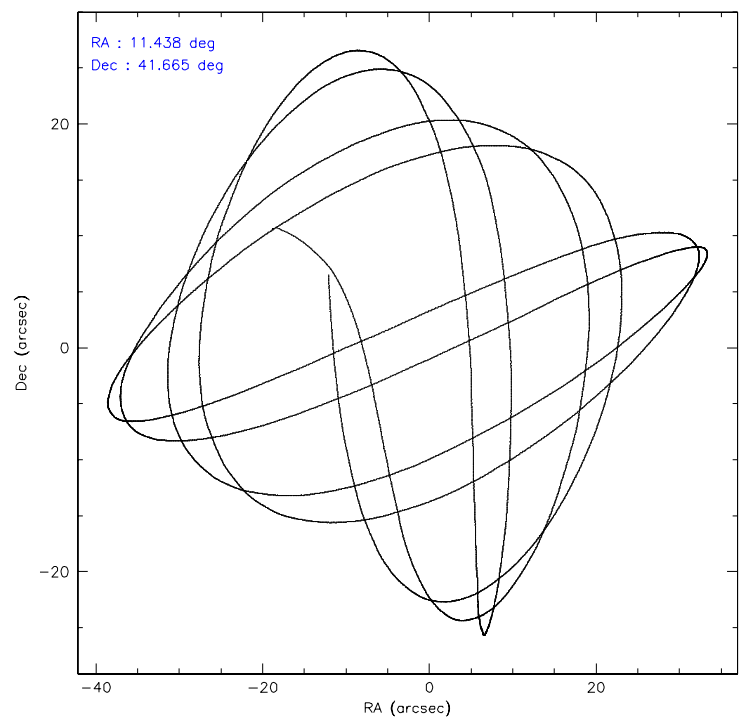
#### Level 1 Events

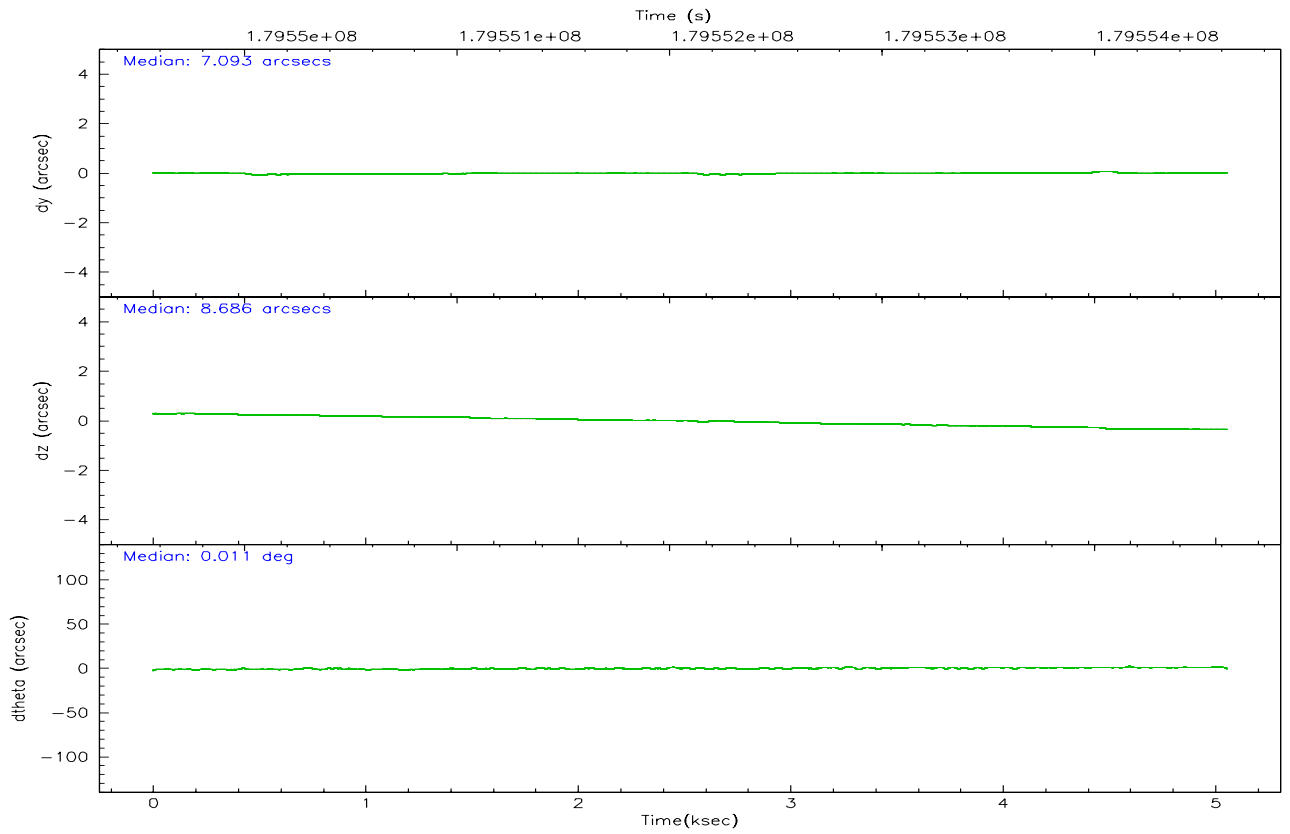
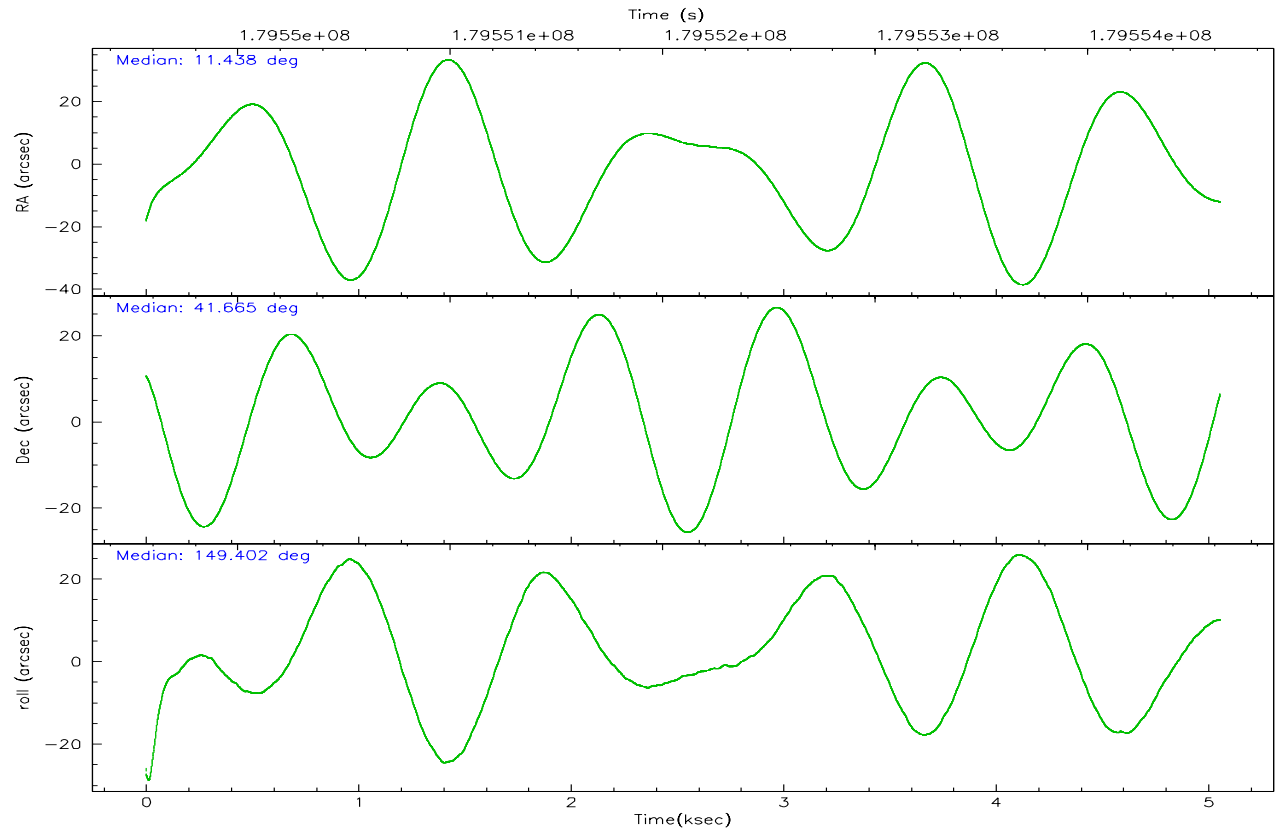
	<b>segment 0</b>
level 1 events	881601
rejected events	13286
rejected %	1%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	11.472948	11.43687017152464			
Pointing Dec	41.666241	41.66546757779176			
Pointing Roll	149.480781	149.4091974961801			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	179549678.184000	179548686.82671			
Observation start date	2003-09-10T02:53:34	2003-09-10T02:38:06			
Observation end time	179554622.184000	179555683.47701			
Observation end date	2003-09-10T04:15:58	2003-09-10T04:34:43			

## 2.3 Aspect





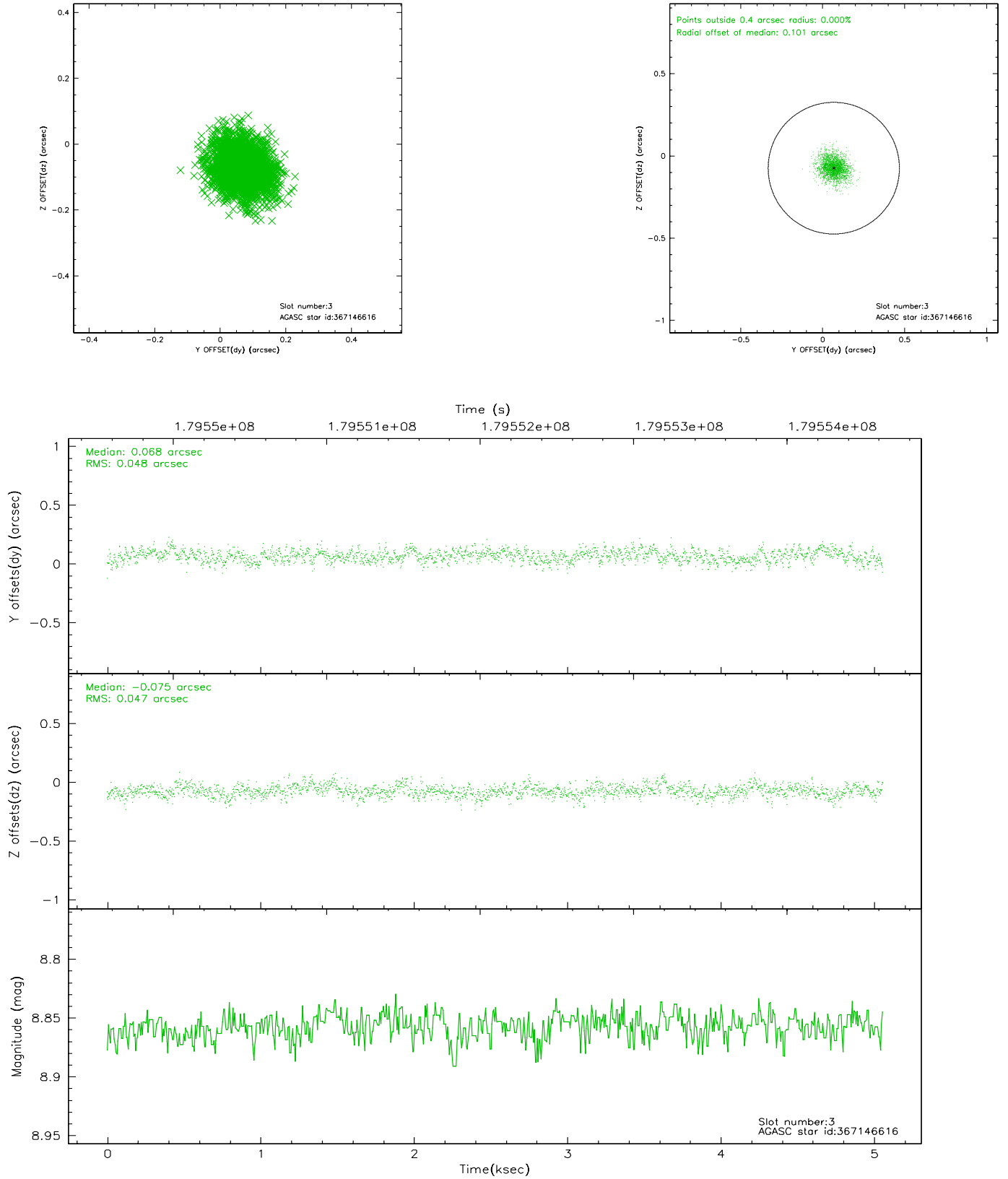
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	1234	0.036	0.002	0.009	0.015	0.000000	0.000000	-762.70	-1296.52
1	FID	HRC-I-3	7.11	1234	-0.052	-0.057	0.010	0.018	0.000000	0.000000	-1191.79	1006.95
2	FID	HRC-I-4	7.07	1234	0.131	-0.035	0.009	0.015	0.000000	0.000000	1279.33	1006.33
3	GUIDE	367146616	8.86	2463	0.068	-0.075	0.071	0.118	11.418645	41.190163	-742.29	1549.97
4	GUIDE	367663192	9.38	2467	0.166	0.075	0.094	0.150	12.302074	41.754093	-1750.71	-1412.97
5	GUIDE	367663272	9.30	2467	-0.100	-0.087	0.089	0.146	10.656279	41.699429	1957.67	1001.72
6	GUIDE	367674552	8.84	2468	-0.025	-0.051	0.073	0.115	11.016238	41.570845	888.94	917.17
7	GUIDE	367670520	9.27	2467	-0.106	0.135	0.091	0.145	11.265516	42.371946	1767.68	-1909.27

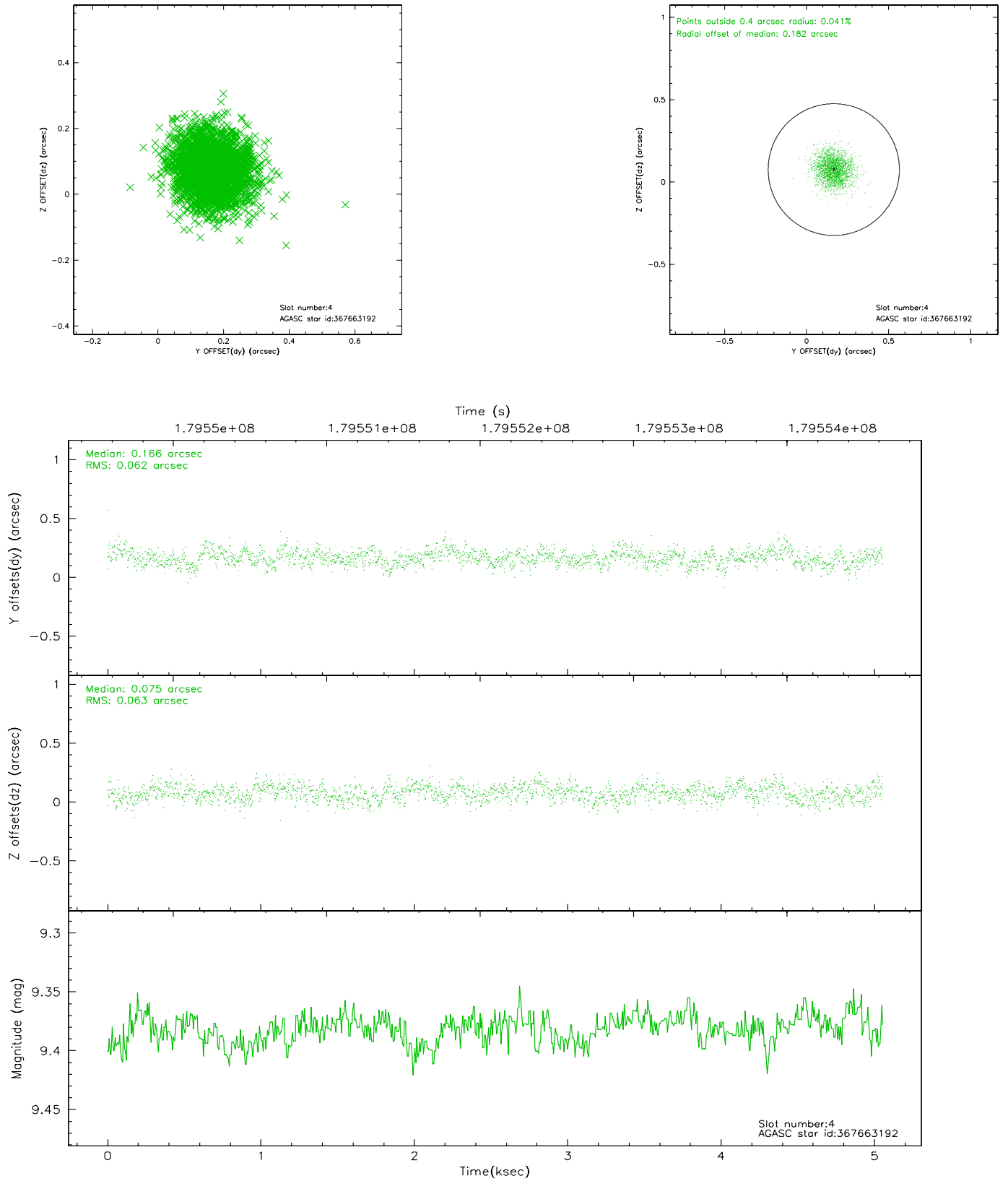


## 2.4 Star Slots

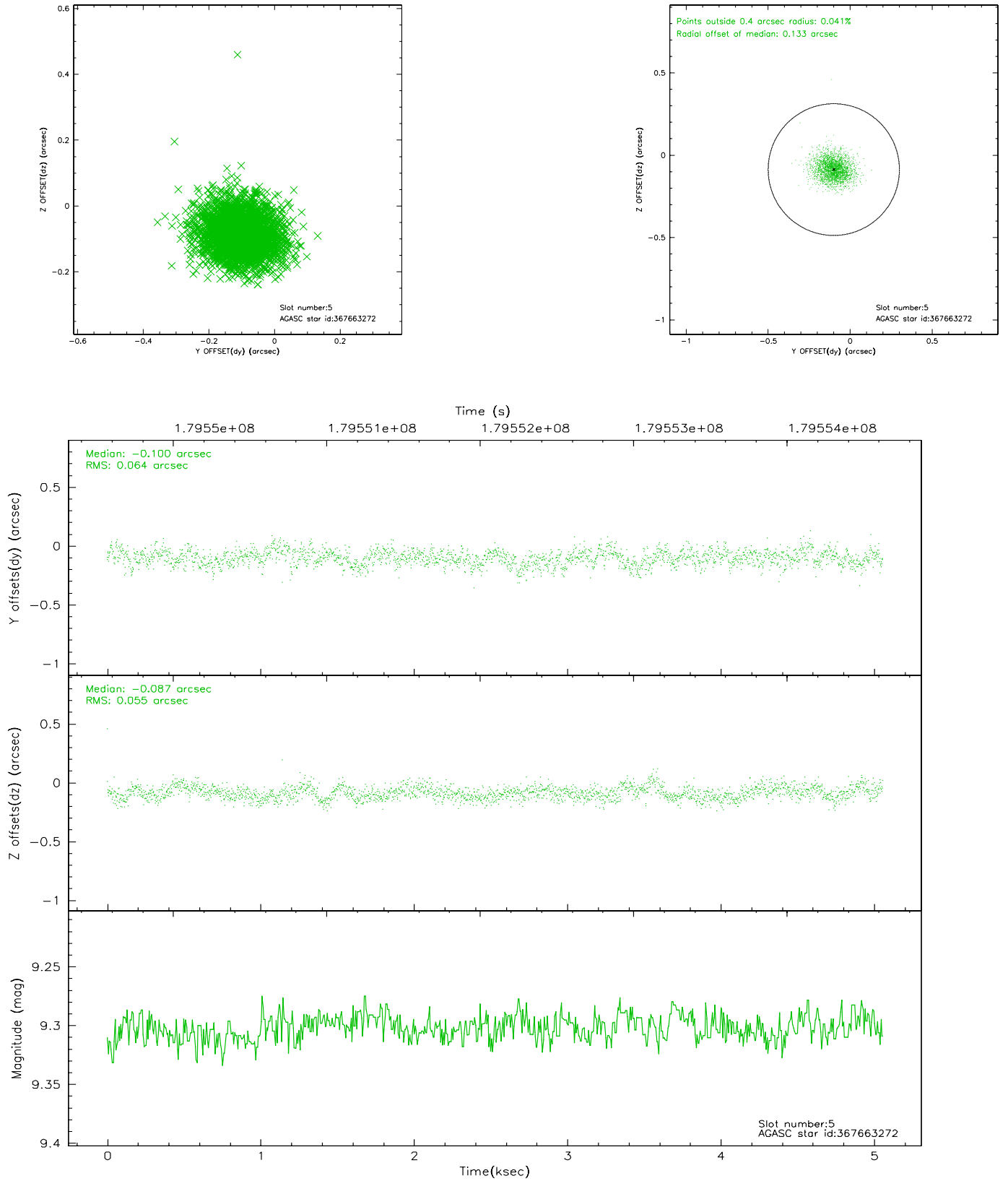
### 2.4.1 Slot 3



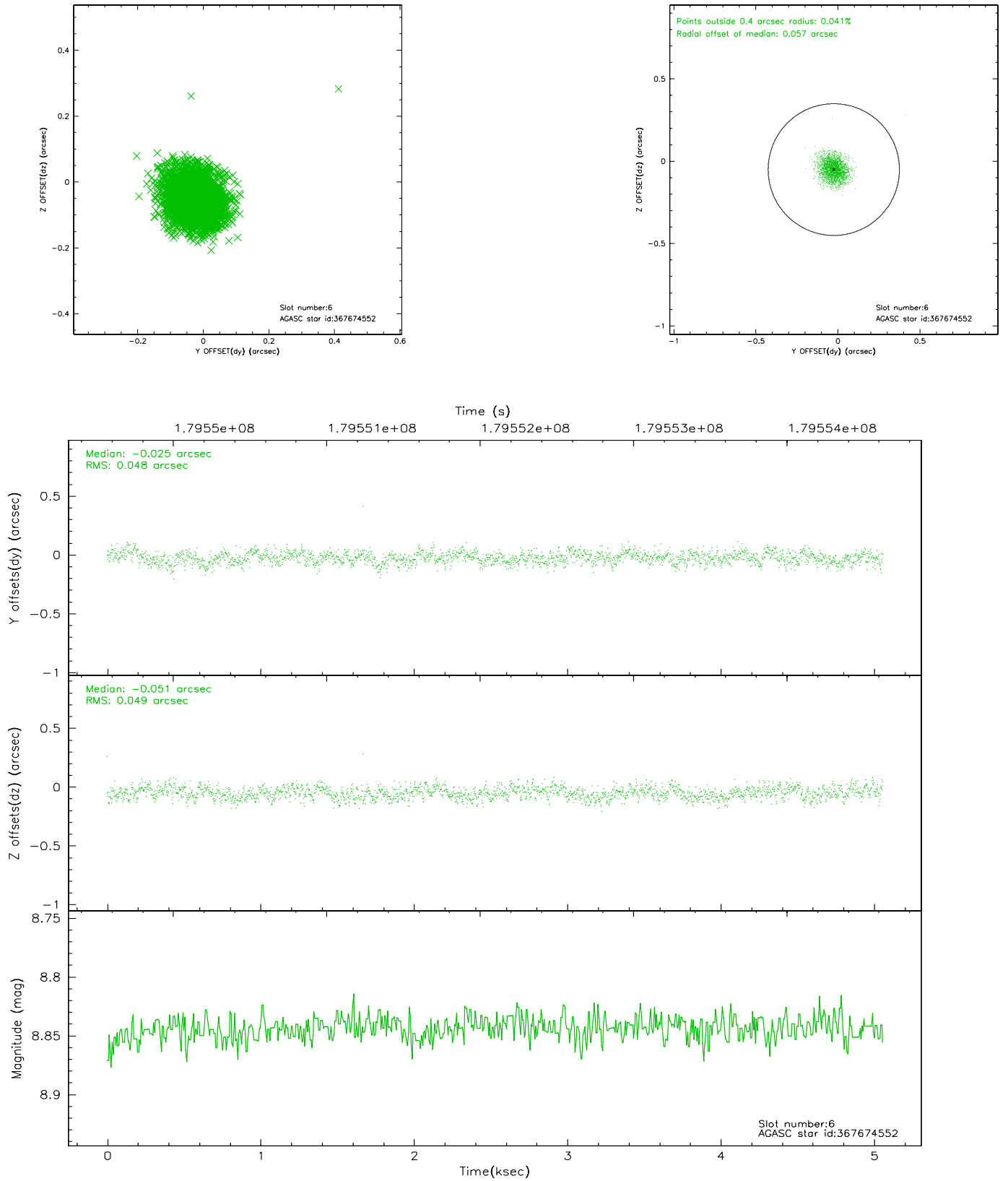
## 2.4.2 Slot 4



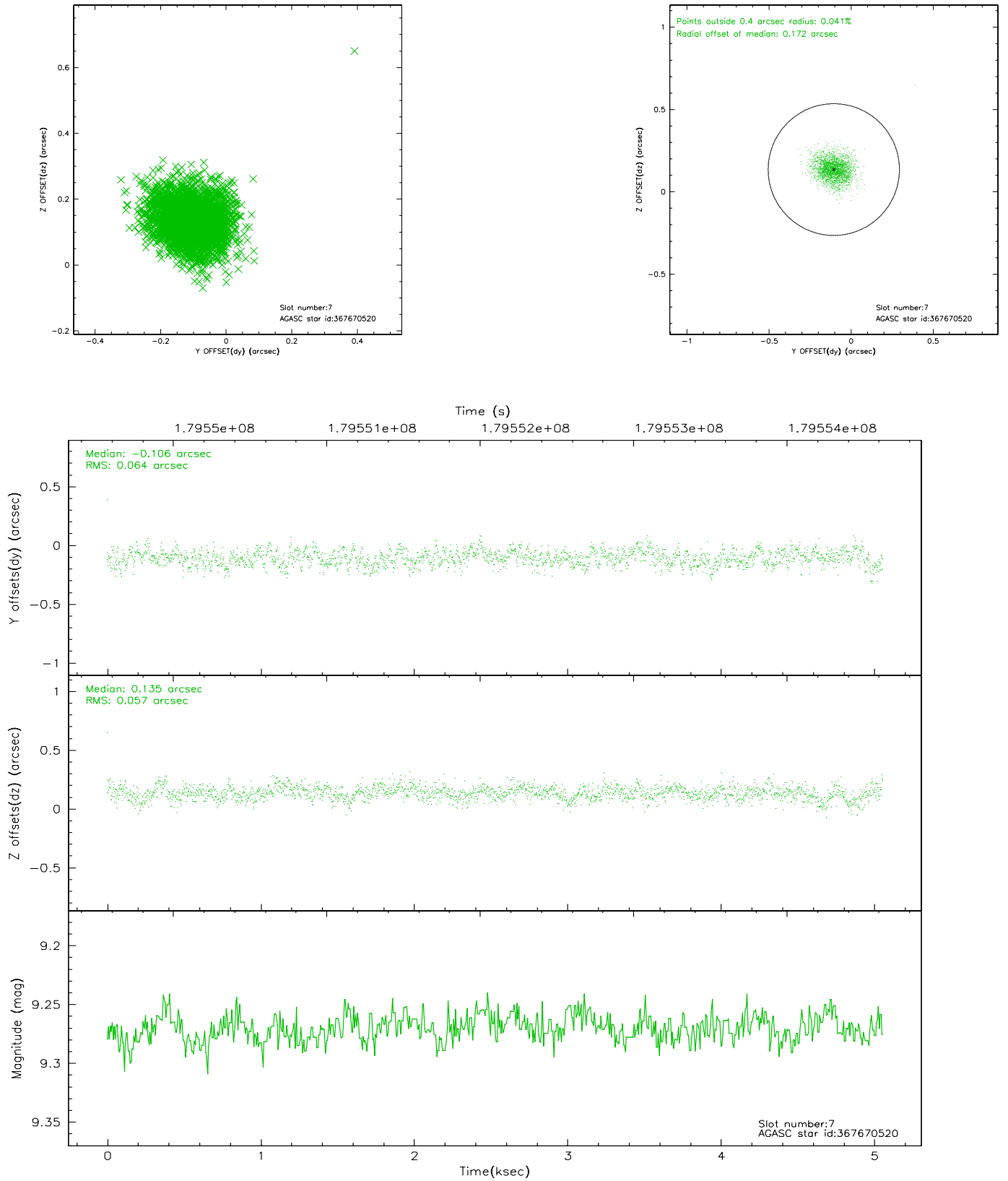
### 2.4.3 Slot 5



## 2.4.4 Slot 6

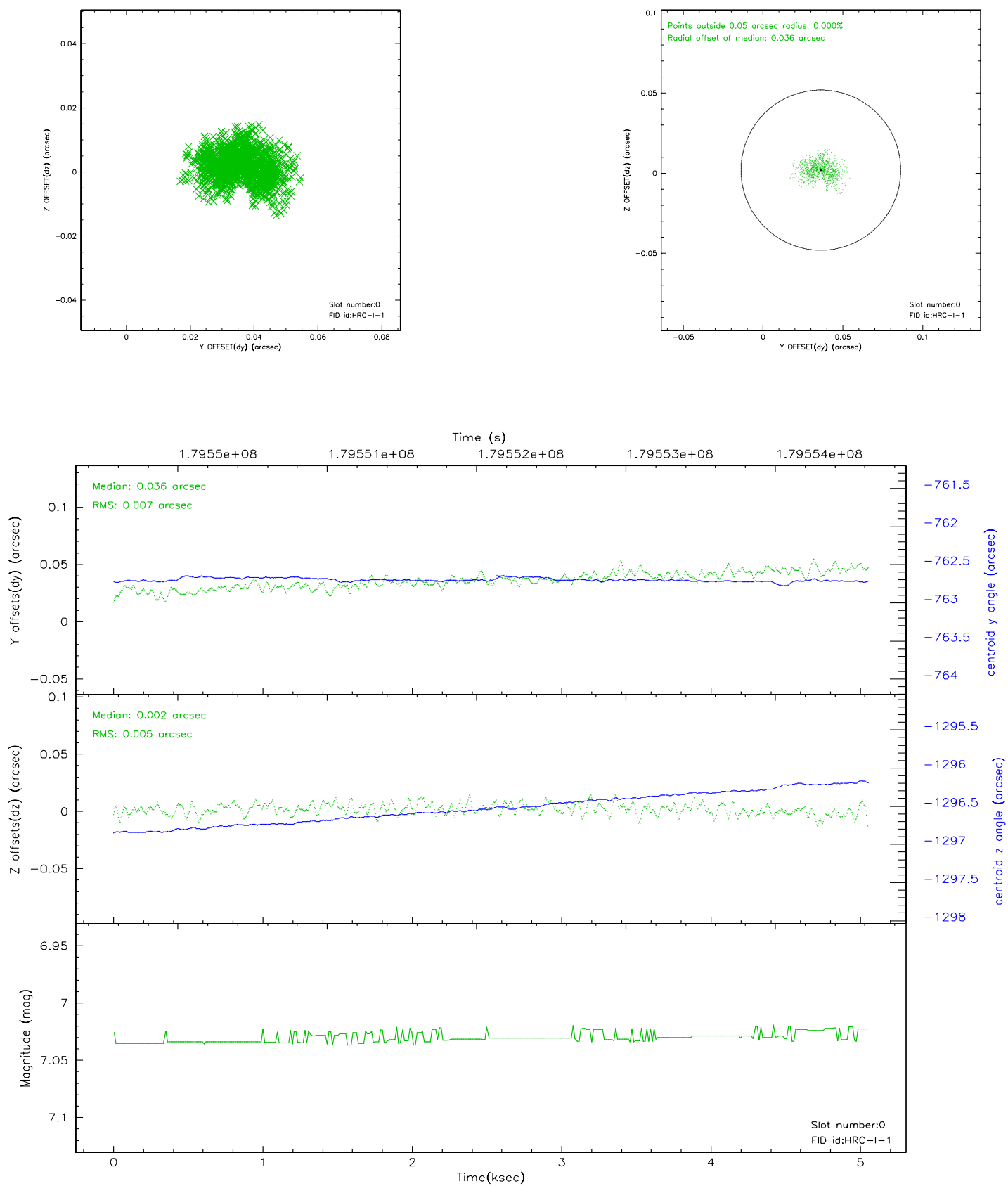


## 2.4.5 Slot 7

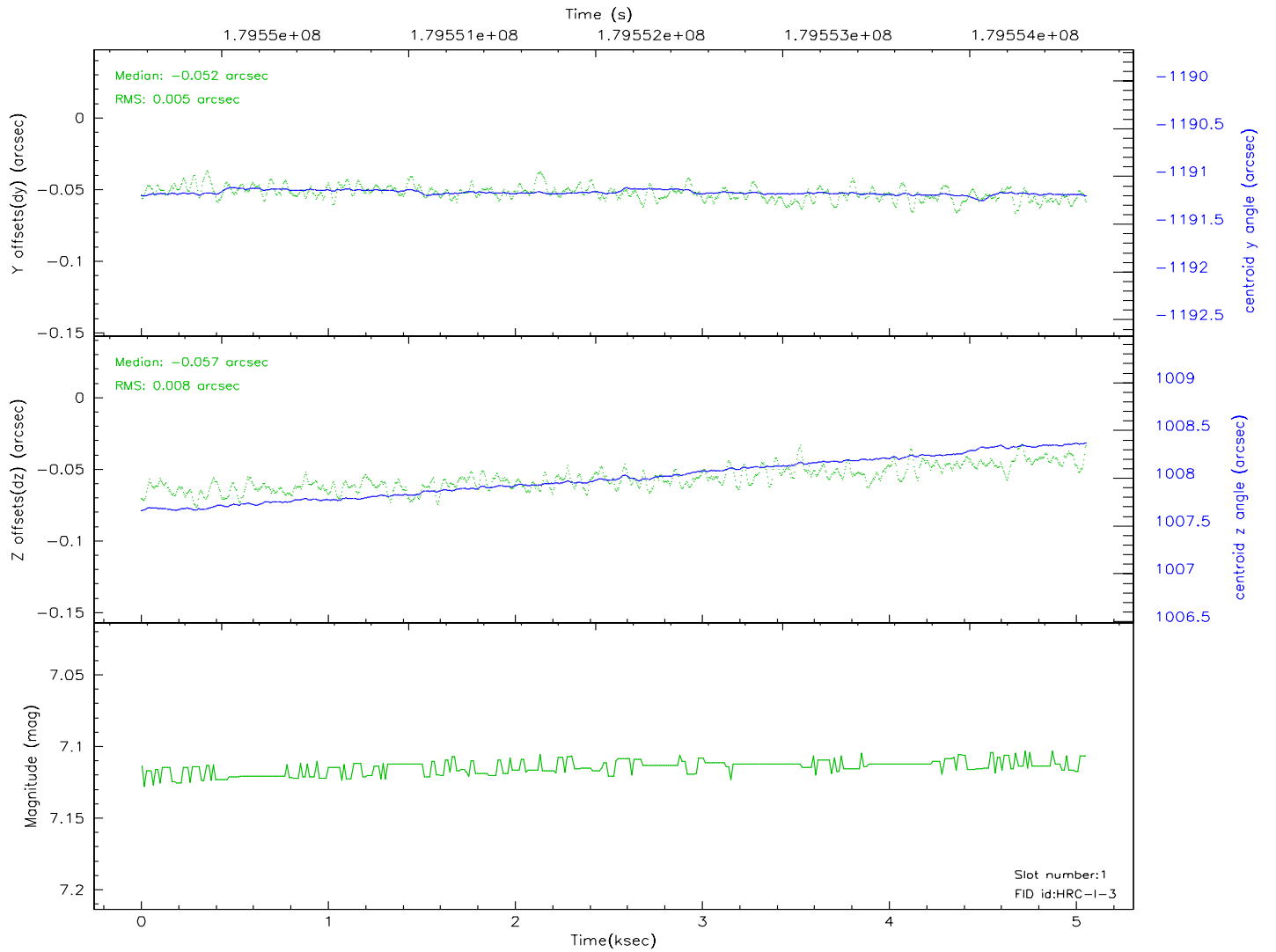
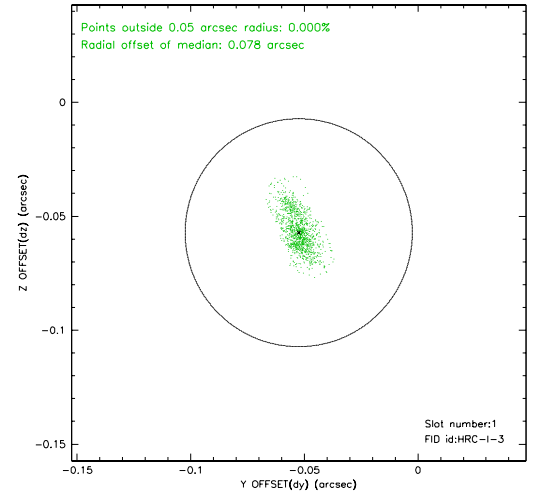
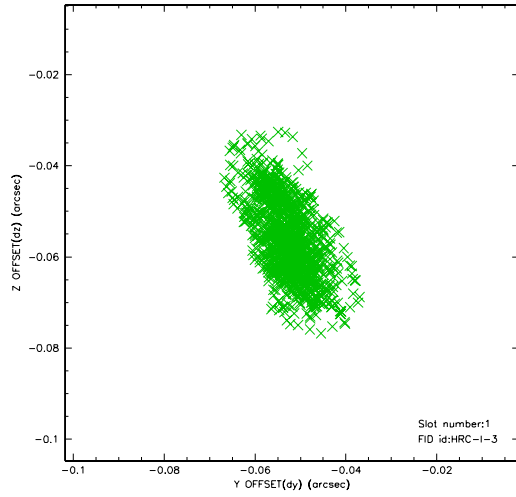


## 2.5 FID Slots

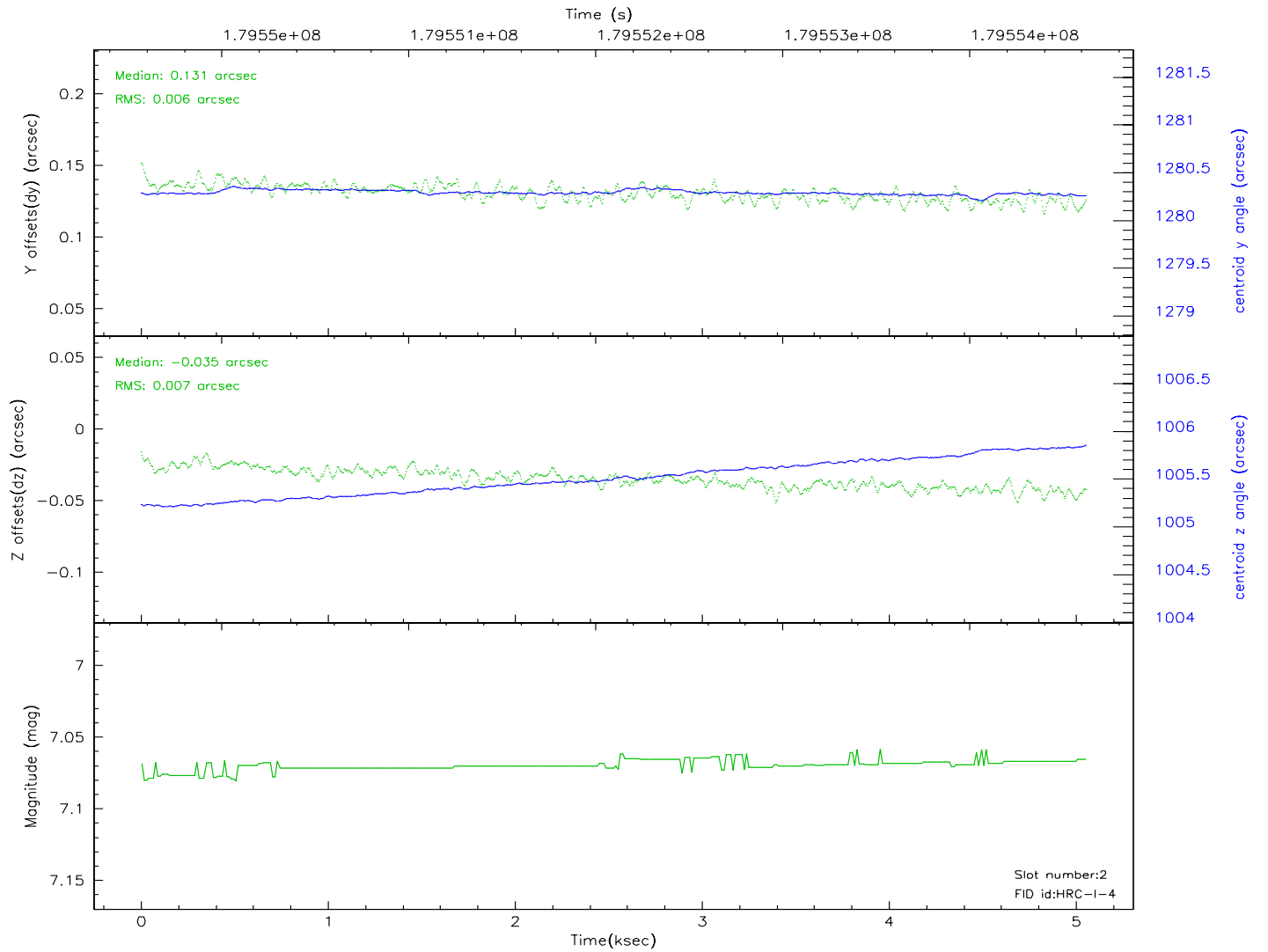
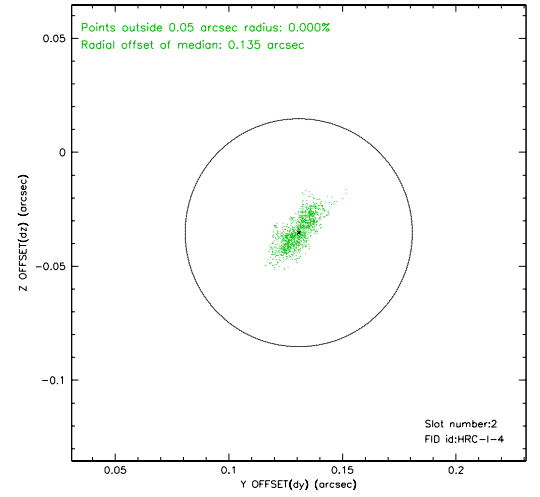
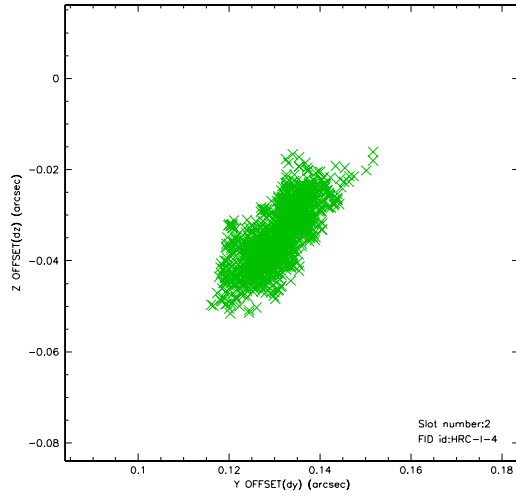
### 2.5.1 Slot 0



## 2.5.2 Slot 1

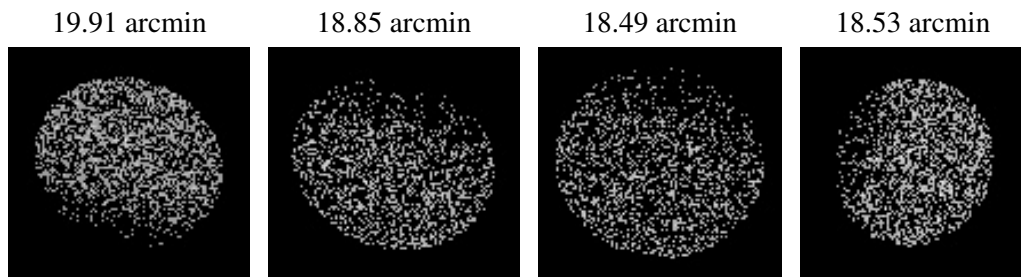


### 2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.815

## A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.