

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2662 - L2 Version 001  
Chandra X-Ray Center

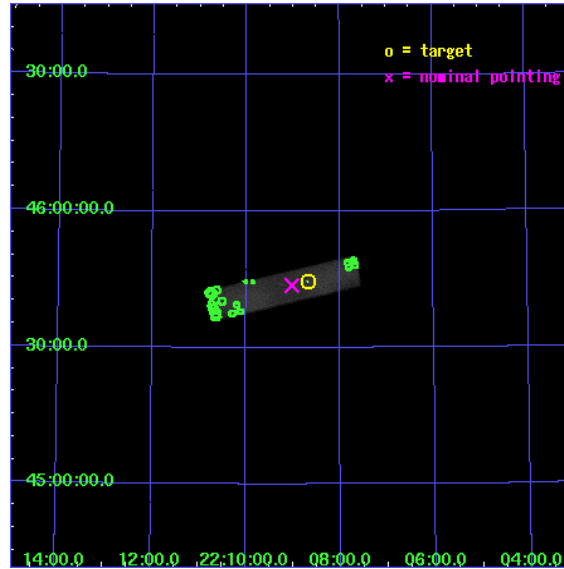
L2 Processing Date : Sep 30 2006

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# 1 Front

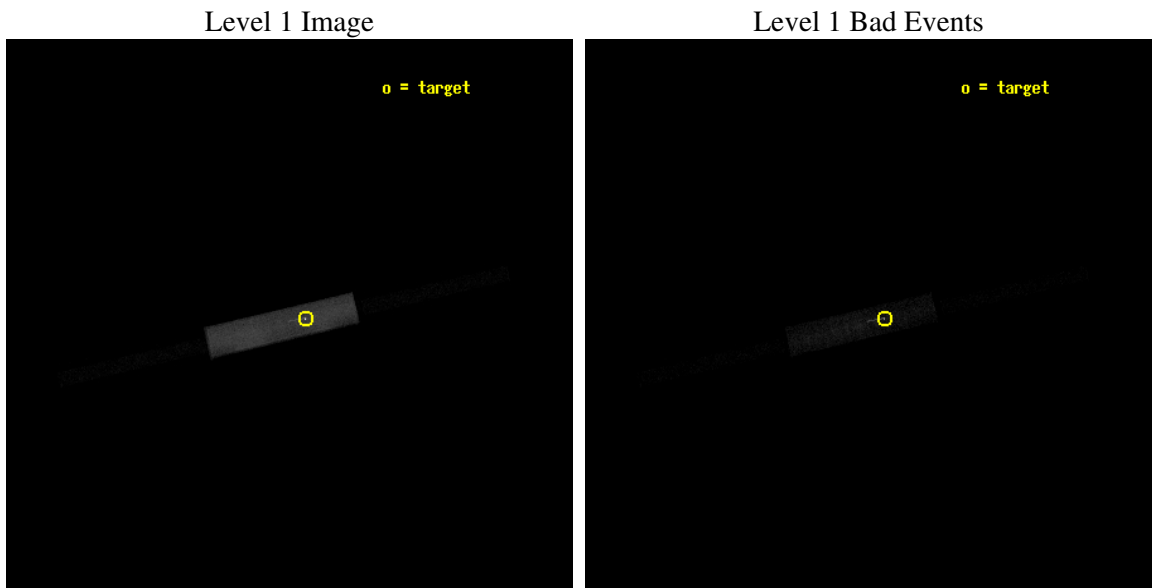
seq_num	290218
obs_id	2662
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.25598024495
dec_nom	45.728778895833
roll_nom	166.73256053499
revision	2
ontime	1142.1062970161
livetime	1130.8651570178
l2events	90585



## 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	2006-09-30T13:39:26
revision	2

sched_exp_time	1000.000000
ontime	1194.125049144
l1events	132039

### 2.1.3 Events

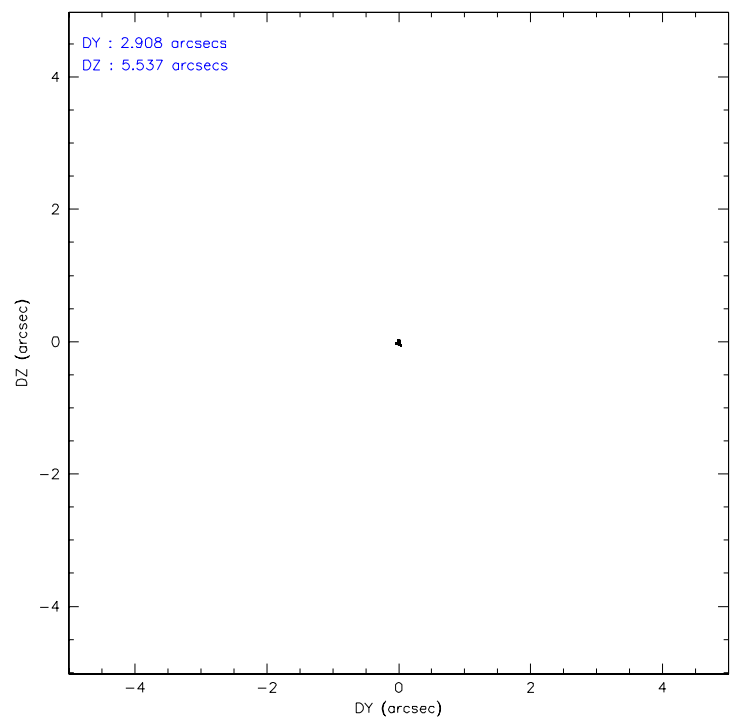
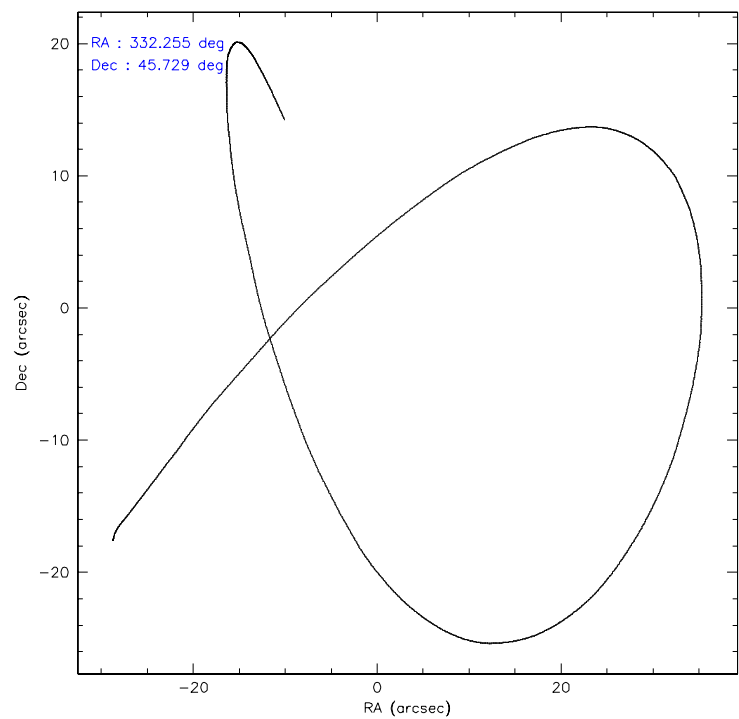
Level 1 Events

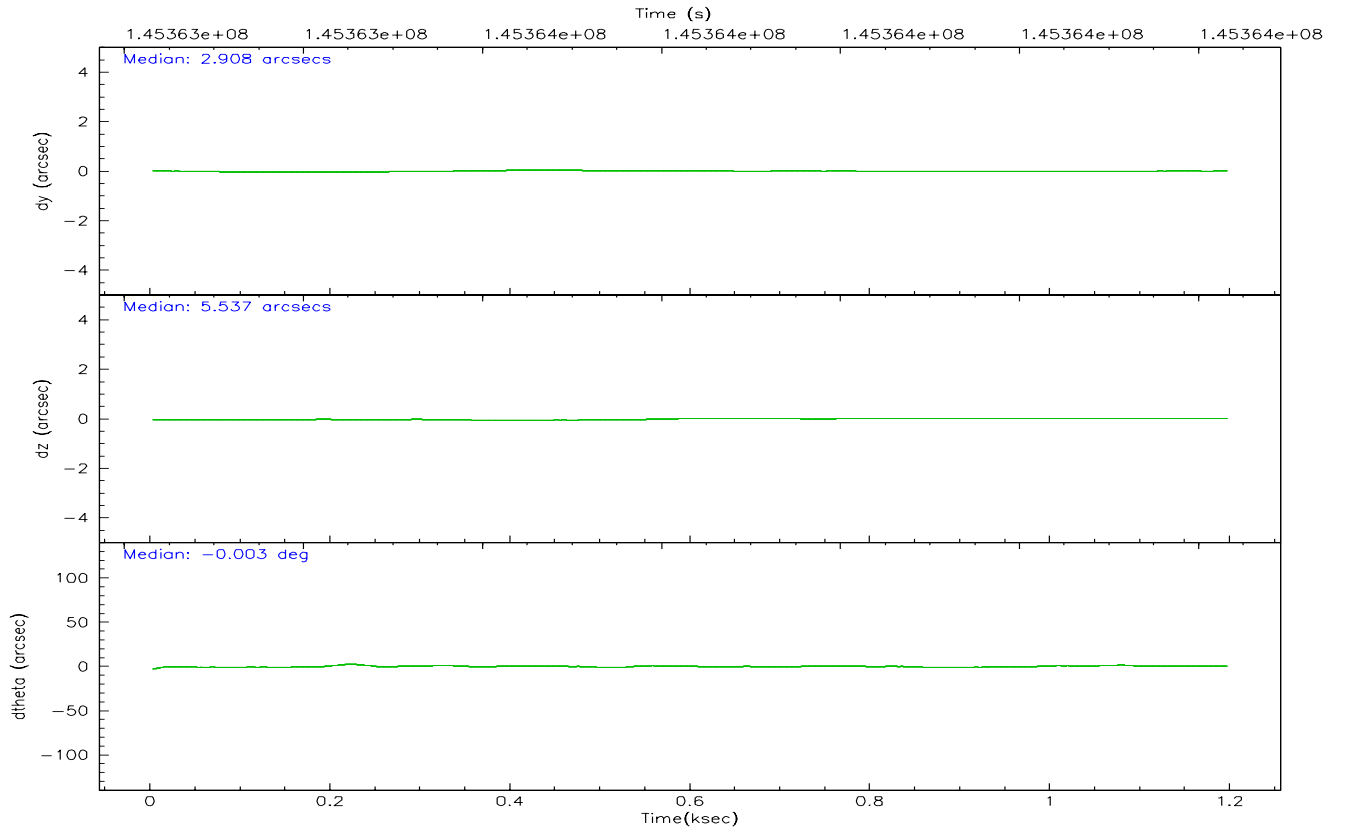
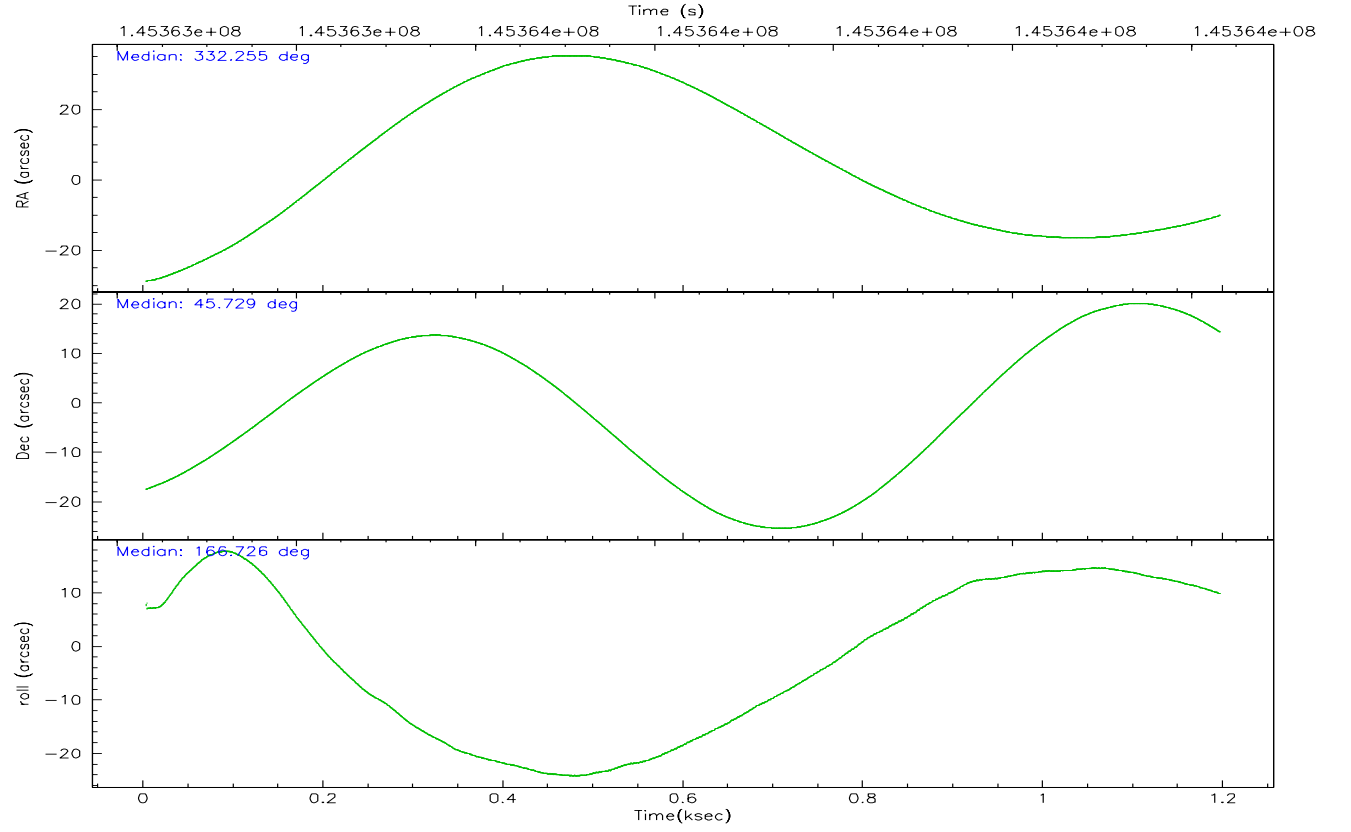
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	2284	127570	2185
rejected events	2284	33879	2185
rejected %	100%	26%	100%

## 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	332.295083	332.2559802449508			
Pointing Dec	45.737741	45.72877889583313			
Pointing Roll	166.637288	166.7325605349909			
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	145363430.184000	145363054.51506			
Observation start date	2002-08-10T10:42:46	2002-08-10T10:37:34			
Observation end time	145364430.184000	145364564.34012			
Observation end date	2002-08-10T10:59:26	2002-08-10T11:02:44			

## 2.3 Aspect





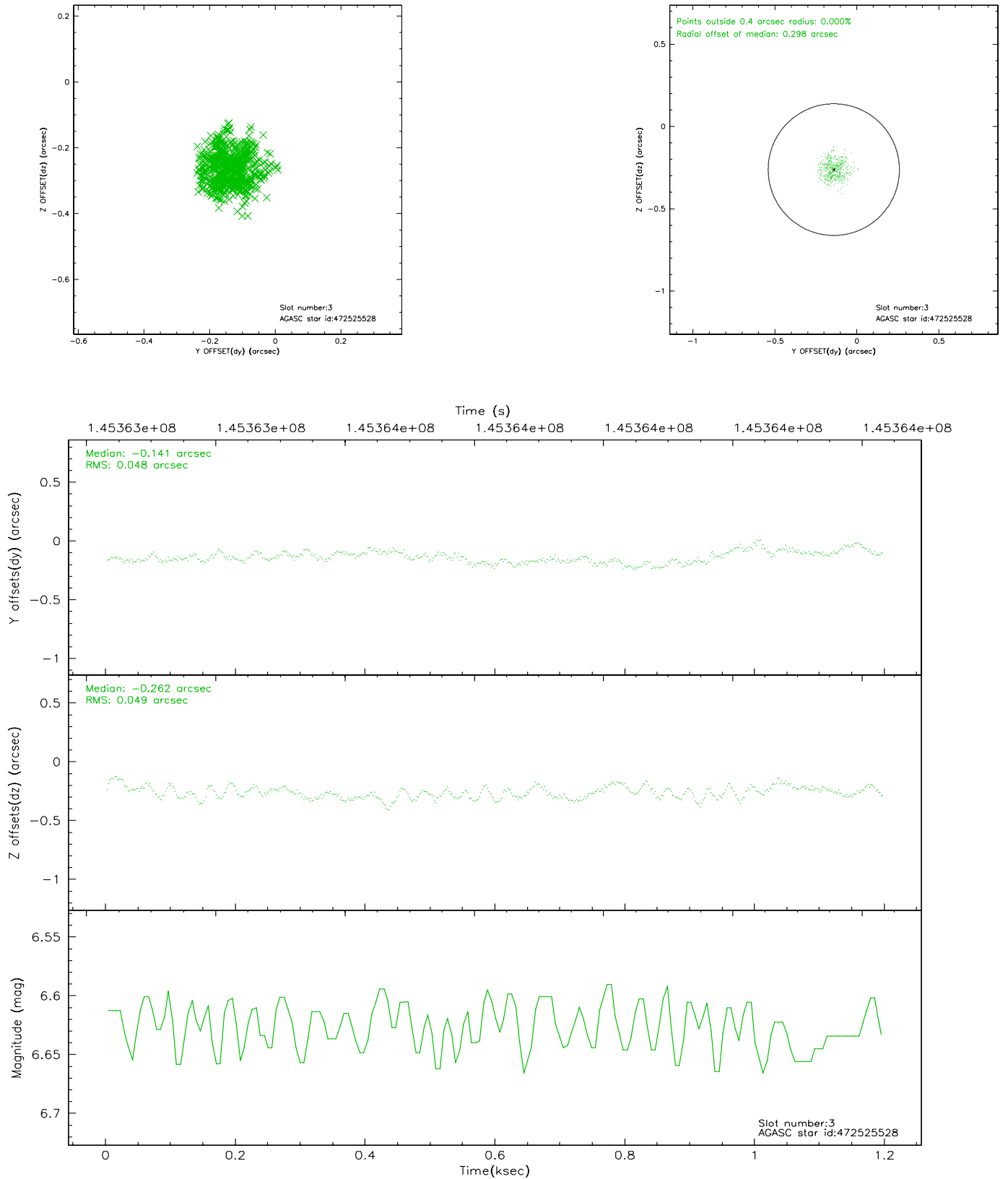
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	292	0.159	-0.163	0.008	0.015	0.000000	0.000000	-1156.93	-454.06
1	FID	HRC-S-2	6.99	292	0.099	-0.100	0.006	0.011	0.000000	0.000000	1238.73	-448.21
2	FID	HRC-S-3	7.01	292	0.131	-0.039	0.009	0.015	0.000000	0.000000	-1155.43	574.06
3	GUIDE	472525528	6.63	584	-0.141	-0.262	0.076	0.115	331.551102	45.248694	1428.95	2142.13
4	GUIDE	472523760	8.23	584	-0.128	-0.017	0.078	0.132	331.645363	45.403260	1322.78	1550.45
5	GUIDE	472665256	9.03	584	0.127	0.236	0.139	0.262	332.808125	46.195041	-860.21	-1896.42
6	GUIDE	472659832	9.46	584	0.074	0.137	0.097	0.149	332.780399	46.098139	-879.64	-1547.11
7	GUIDE	472523568	9.34	582	0.036	-0.074	0.104	0.161	331.465966	45.371411	1735.77	1756.64

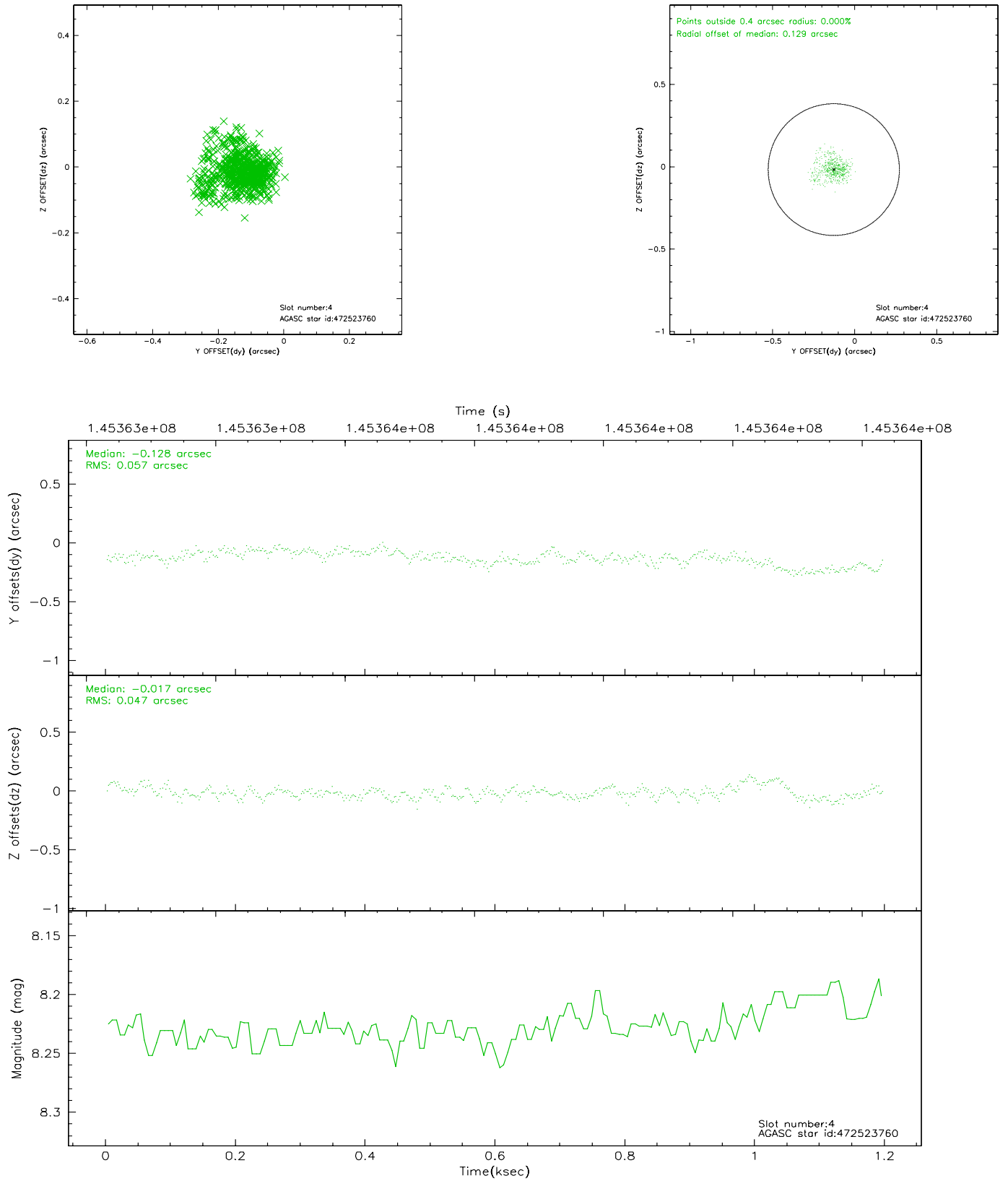


## 2.4 Star Slots

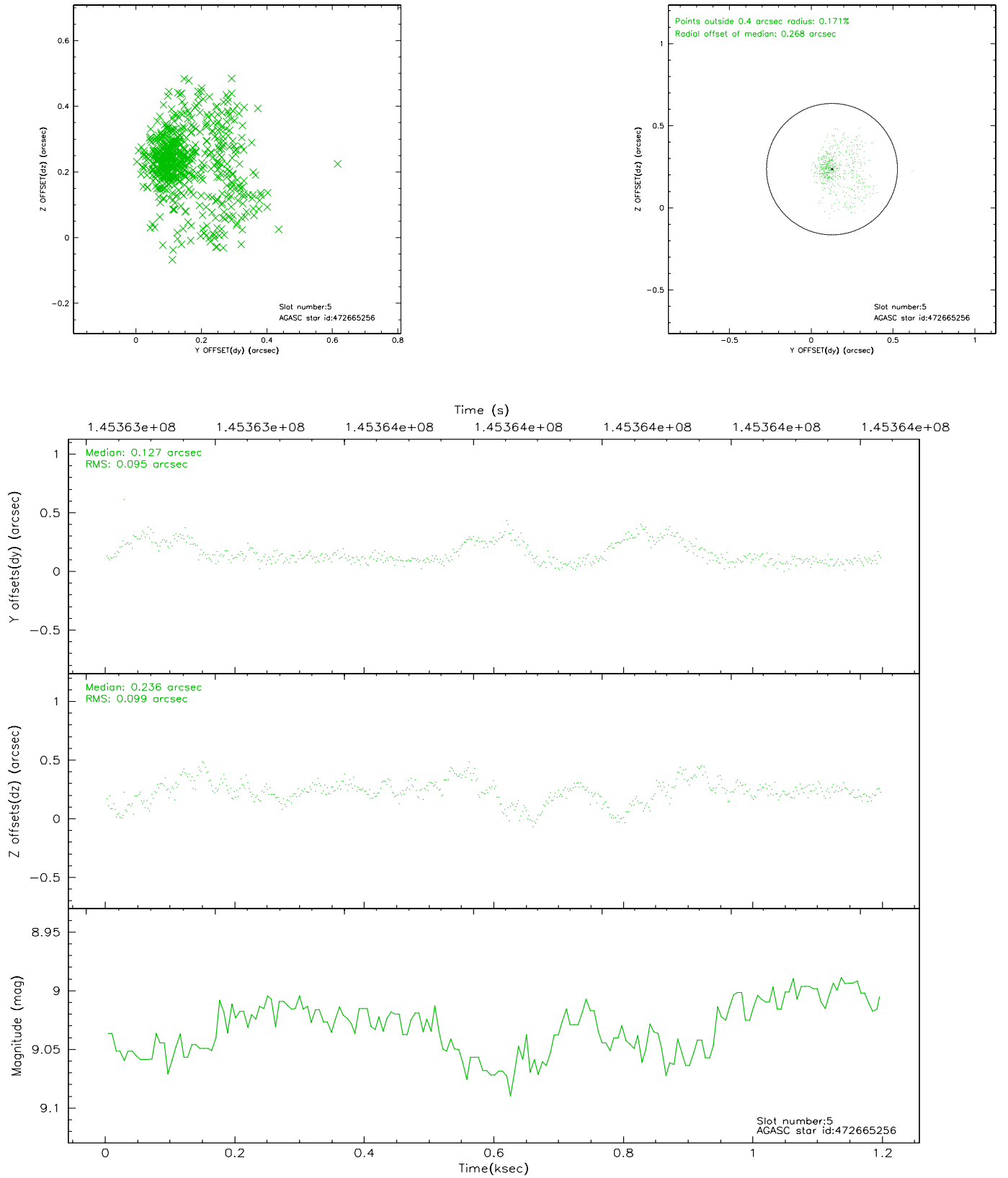
### 2.4.1 Slot 3



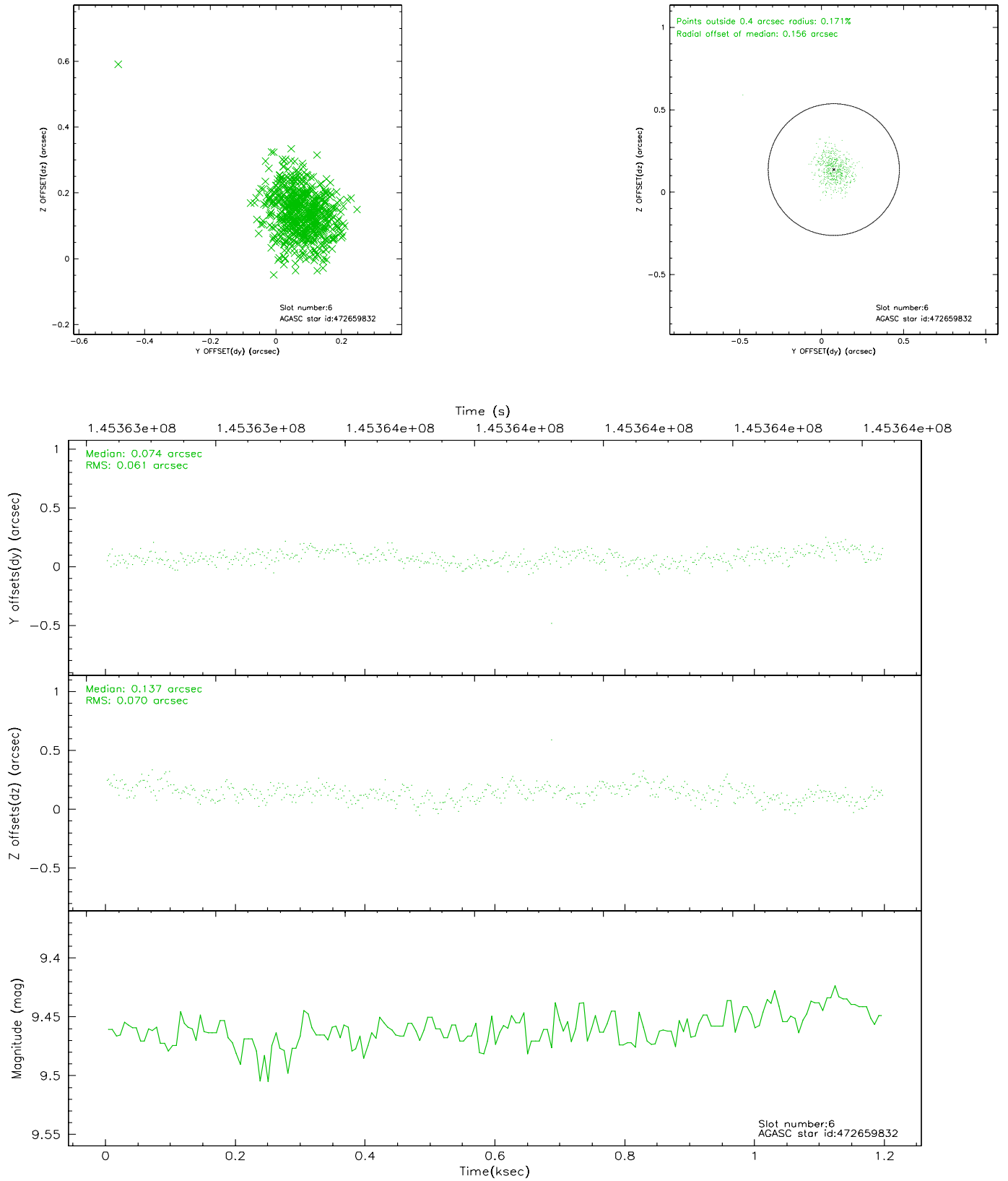
## 2.4.2 Slot 4



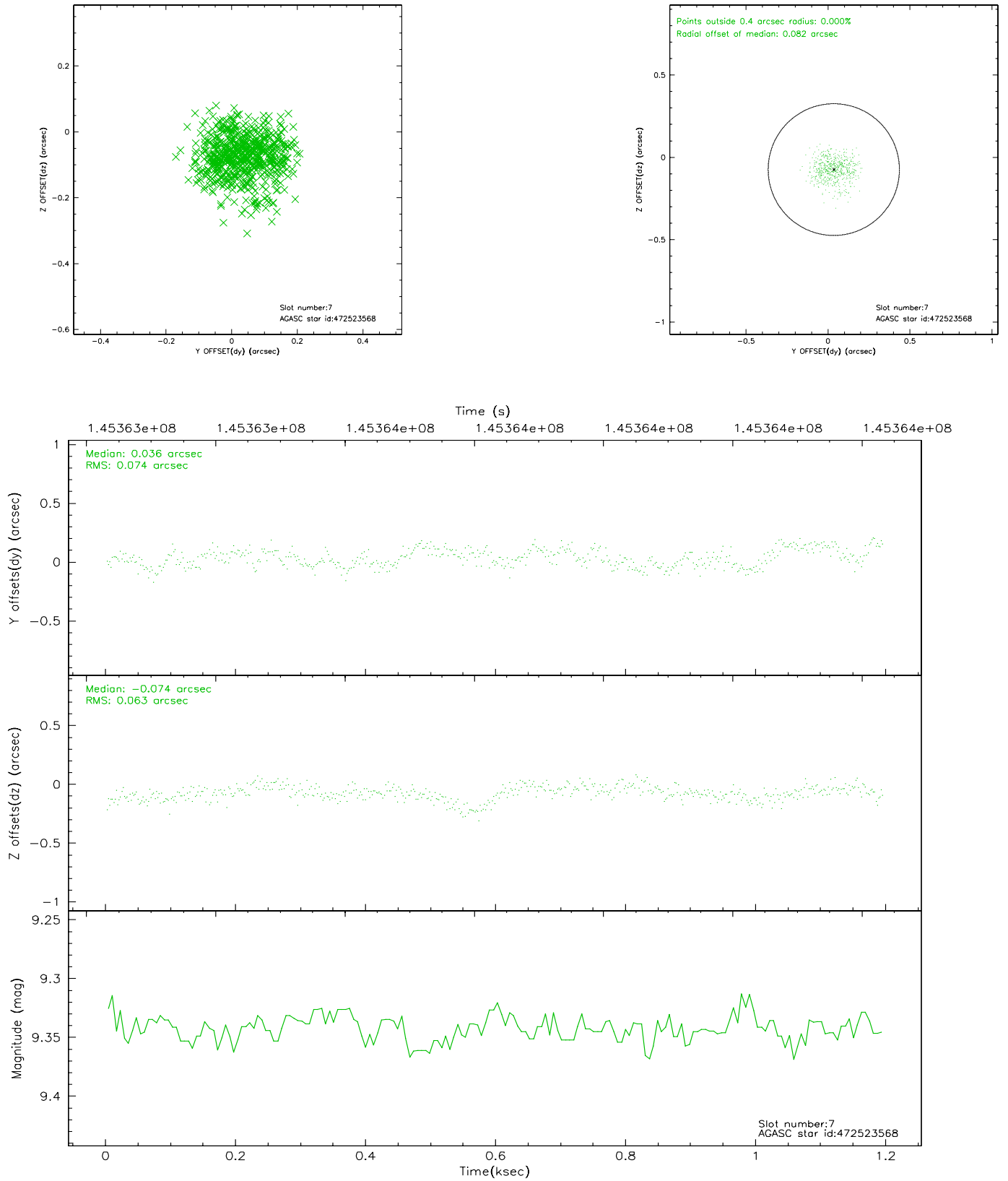
### 2.4.3 Slot 5



## 2.4.4 Slot 6

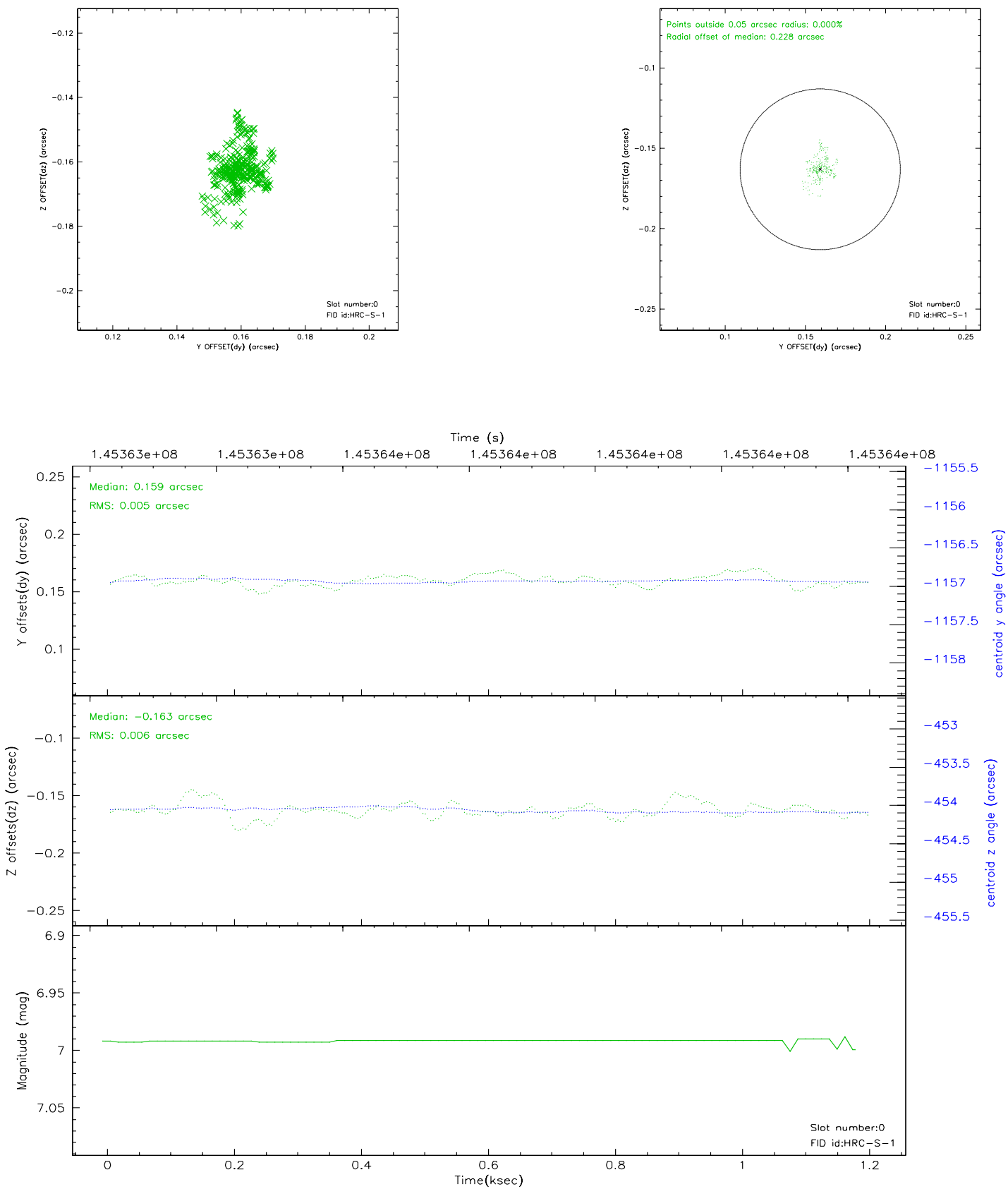


## 2.4.5 Slot 7

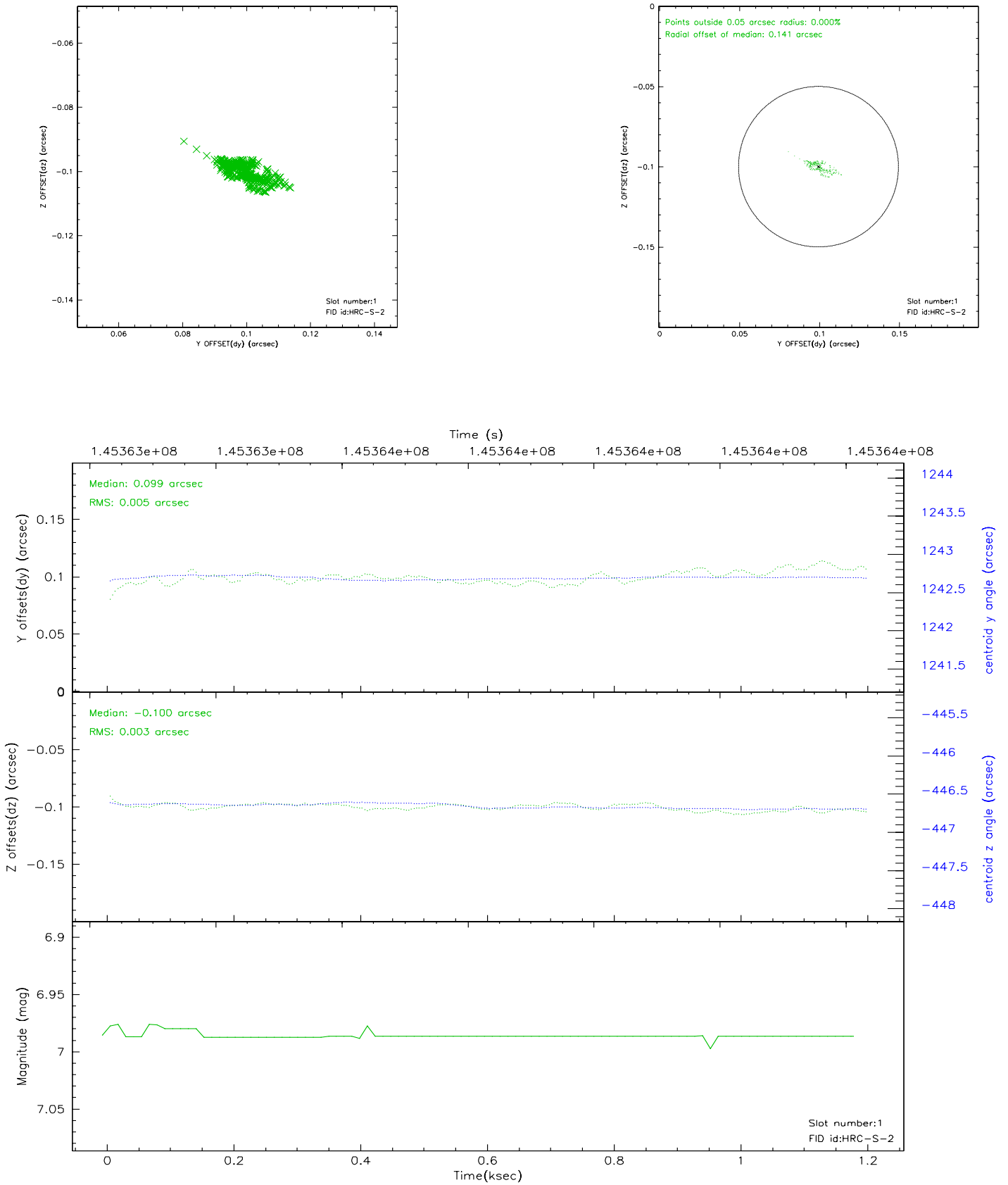


## 2.5 FID Slots

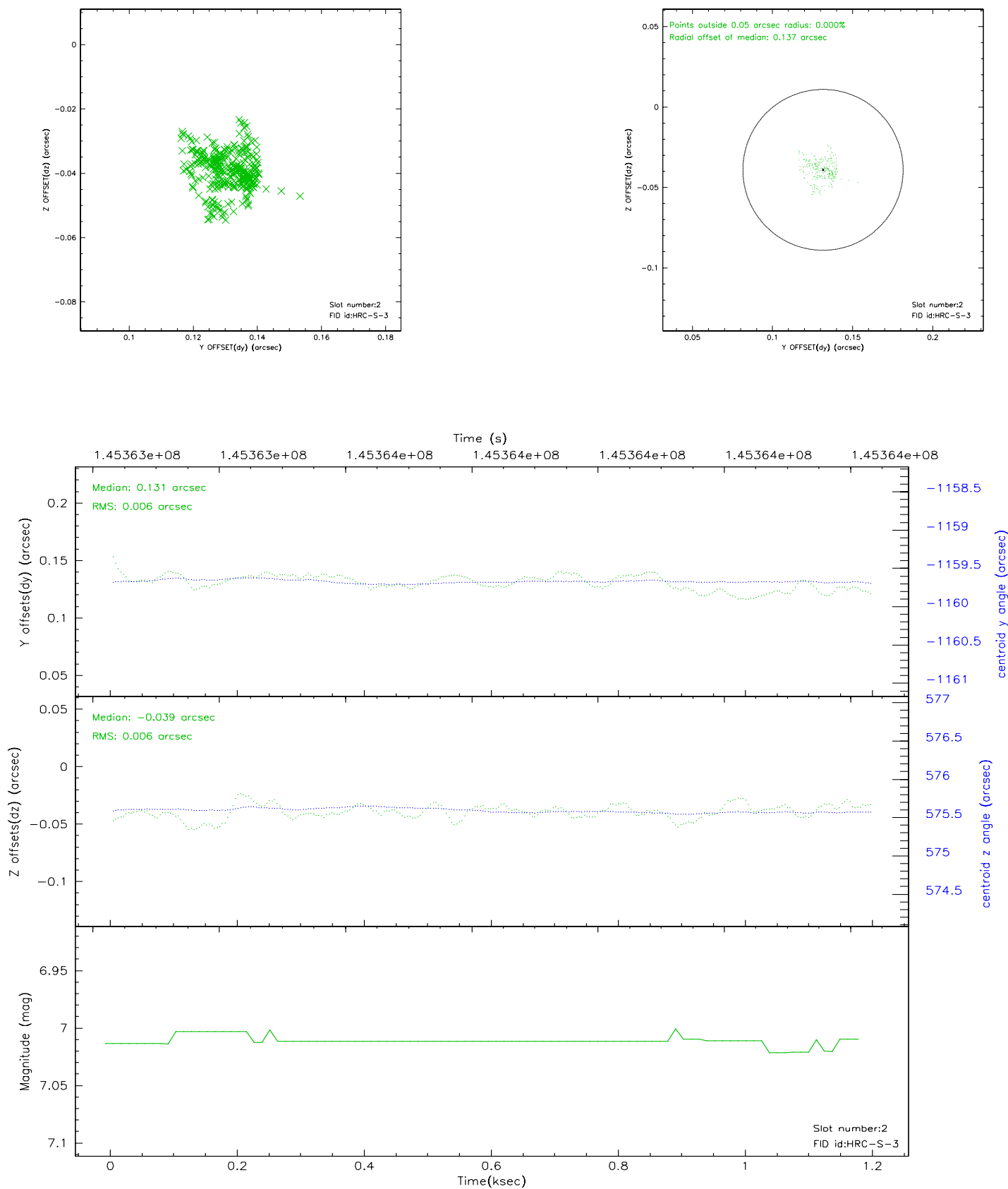
### 2.5.1 Slot 0



## 2.5.2 Slot 1

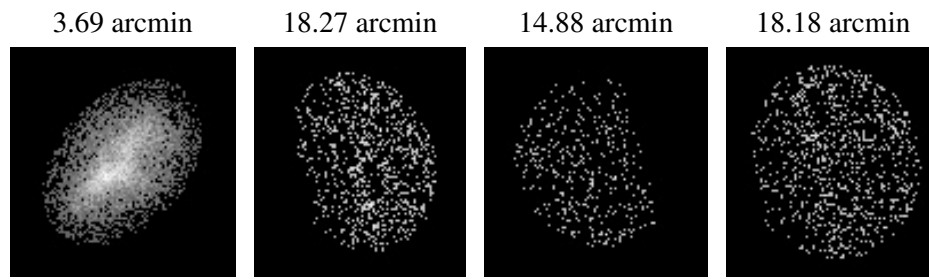


2.5.3 Slot 2





### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.187

## A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.187 ks  
although with the current processing it would have been 1.14 ksec.

Monitor constraint met.