

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 2629 - L2 Version 001  
Chandra X-Ray Center

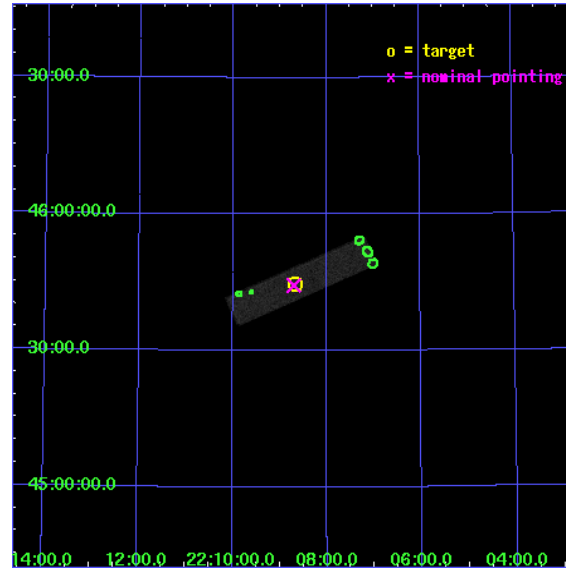
L2 Processing Date : Aug 28 2006

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# 1 Front

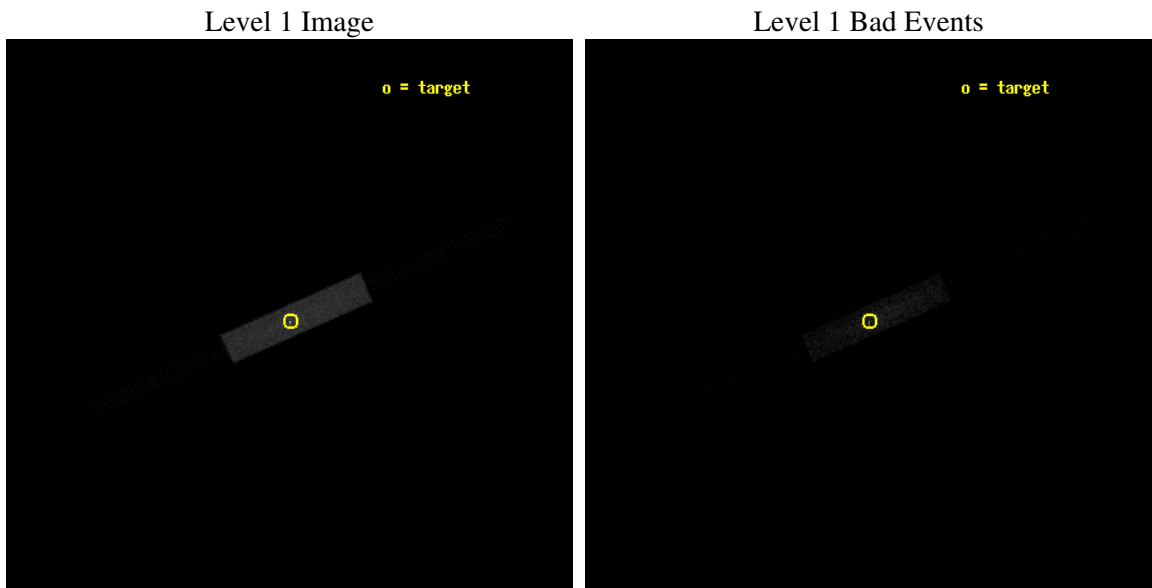
seq_num	290185
obs_id	2629
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17485374218
dec_nom	45.73948985236
roll_nom	336.23282506115
revision	2
ontime	1142.1062960029
livetime	1136.0340716715
l2events	39606



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-28T20:50:57
revision	2

sched_exp_time	1000.000000
ontime	1194.3812981099
l1events	69956

### 2.1.3 Events

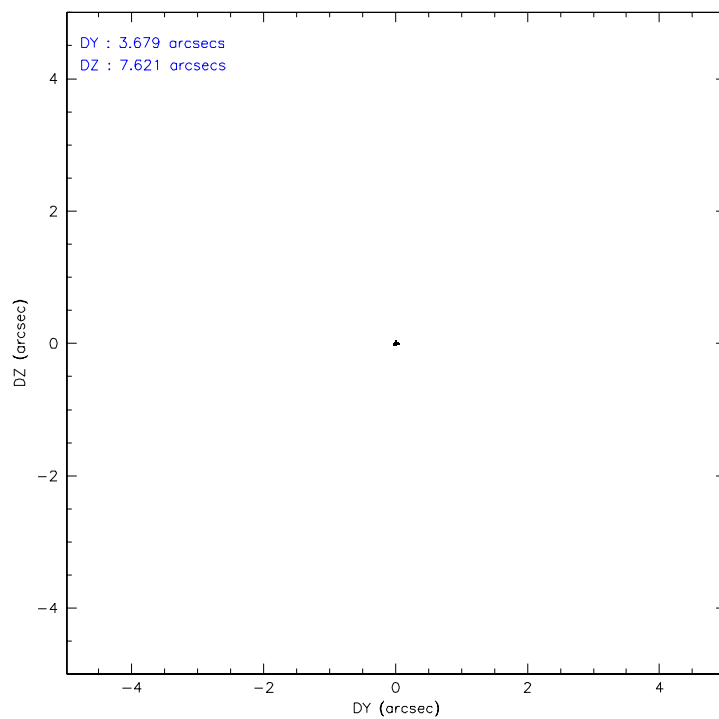
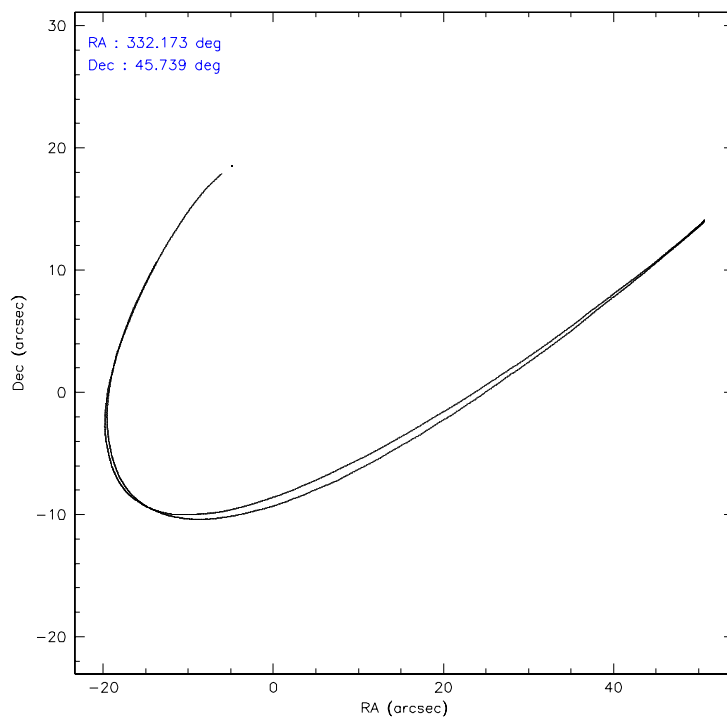
Level 1 Events

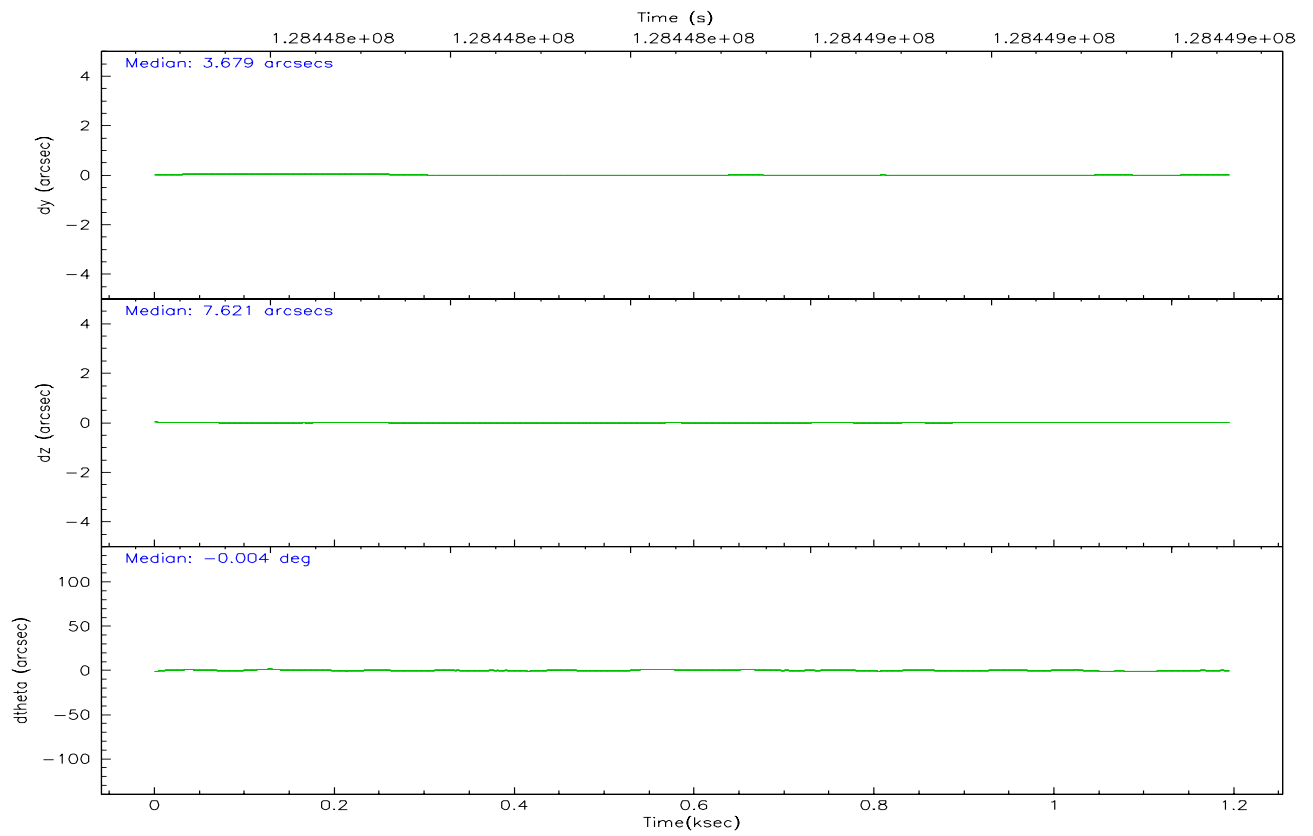
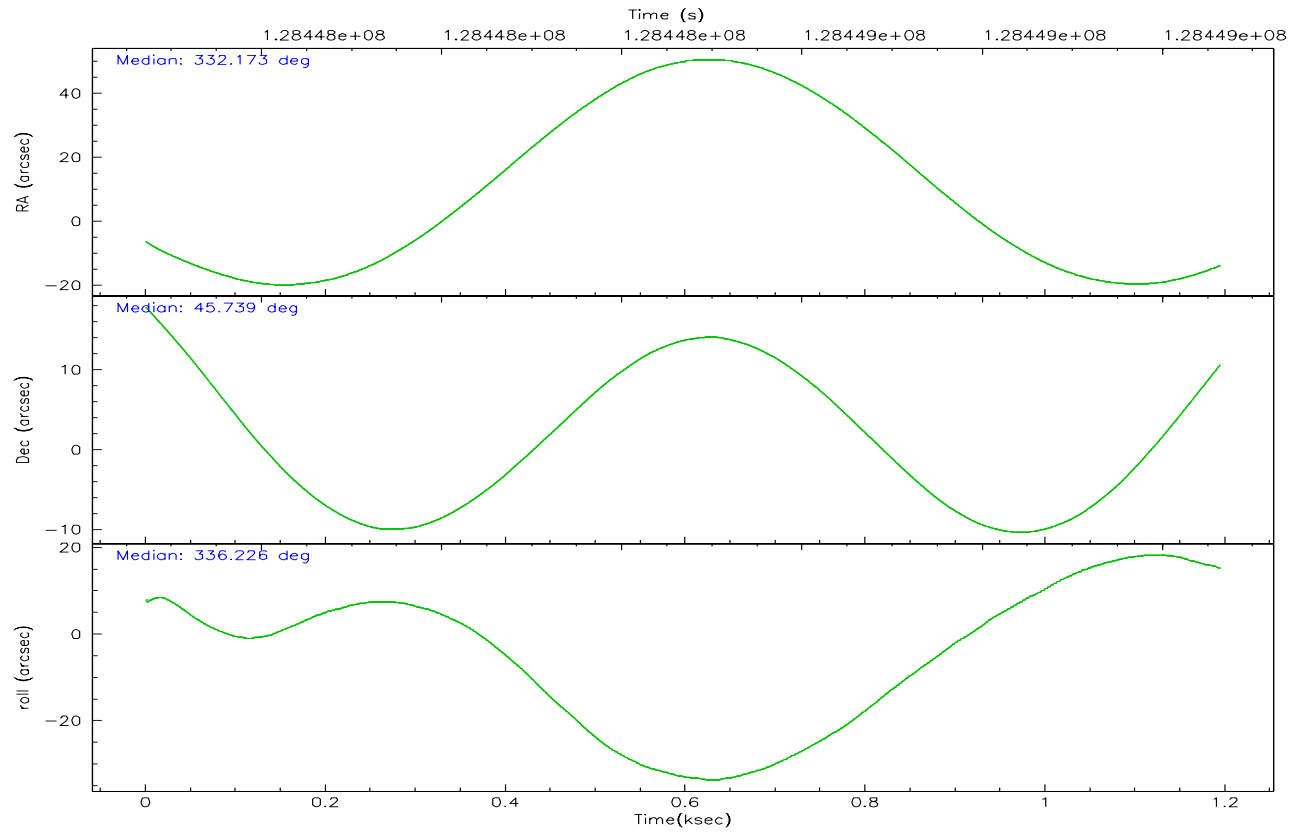
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1167	67652	1137
rejected events	1167	25254	1137
rejected %	100%	37%	100%

## 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	332.135599	332.1748537421834			
Pointing Dec	45.735781	45.73948985236046			
Pointing Roll	336.193662	336.2328250611546			
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	128448067.184000	128447691.00104			
Observation start date	2002-01-26T16:00:03	2002-01-26T15:54:51			
Observation end time	128449067.184000	128449201.3386			
Observation end date	2002-01-26T16:16:43	2002-01-26T16:20:01			

## 2.3 Aspect





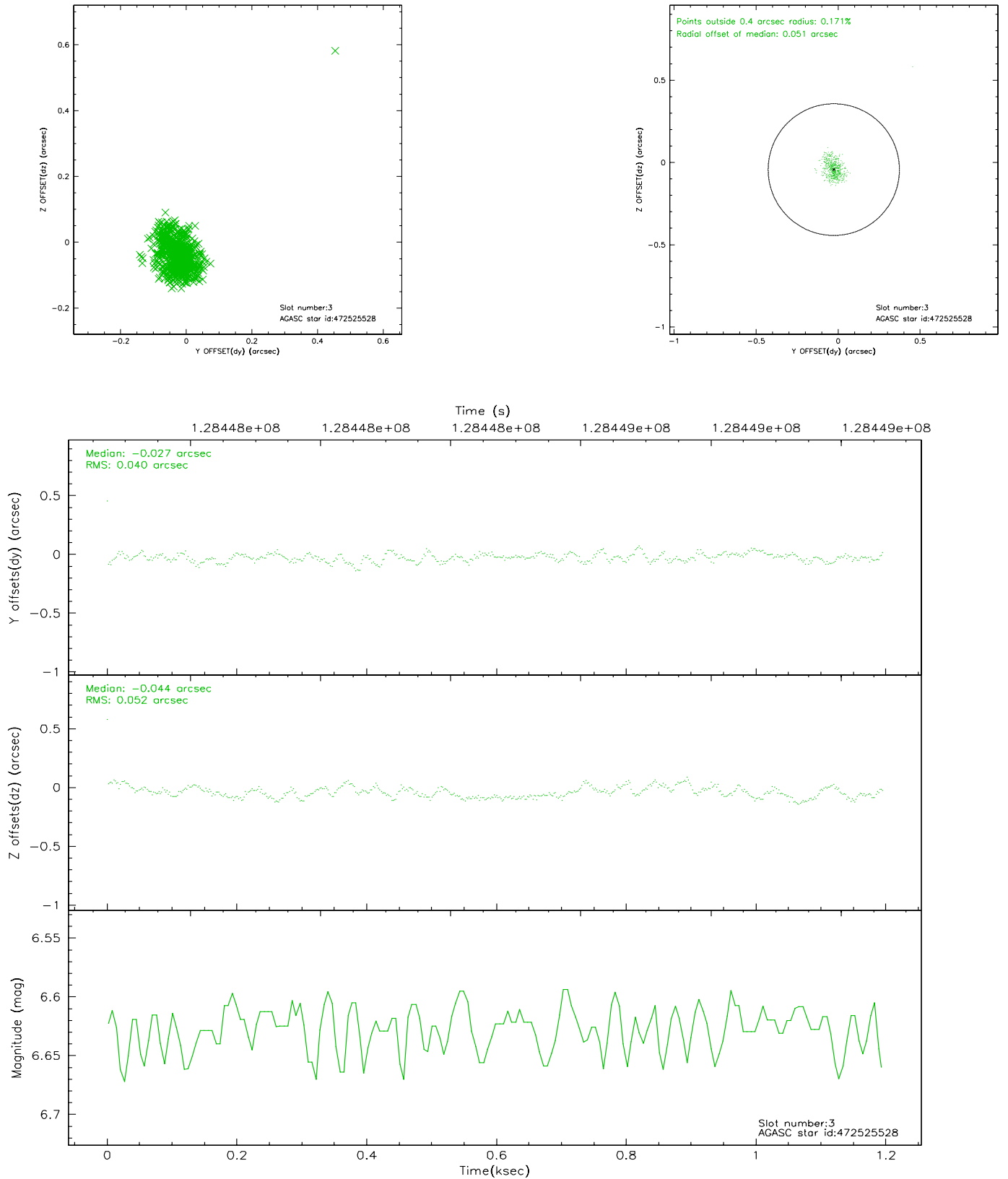
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	292	0.152	-0.084	0.007	0.011	0.000000	0.000000	-1157.72	-456.16
1	FID	HRC-S-2	6.99	292	0.079	-0.088	0.004	0.009	0.000000	0.000000	1237.92	-450.34
2	FID	HRC-S-3	7.00	292	0.160	-0.130	0.007	0.013	0.000000	0.000000	-1156.20	571.78
3	GUIDE	472525528	6.63	584	-0.027	-0.044	0.062	0.099	331.551102	45.248694	-648.55	-2194.05
4	GUIDE	472523760	8.23	584	-0.072	-0.151	0.081	0.123	331.645363	45.403260	-652.08	-1592.52
5	GUIDE	472659832	9.47	584	0.016	0.102	0.103	0.162	332.780399	46.098139	943.08	1850.12
6	GUIDE	472654568	9.43	584	-0.008	0.036	0.106	0.166	332.194449	45.063576	1116.58	-2146.82
7	GUIDE	472655152	9.43	582	0.106	0.074	0.098	0.167	332.504239	45.862991	662.66	793.87

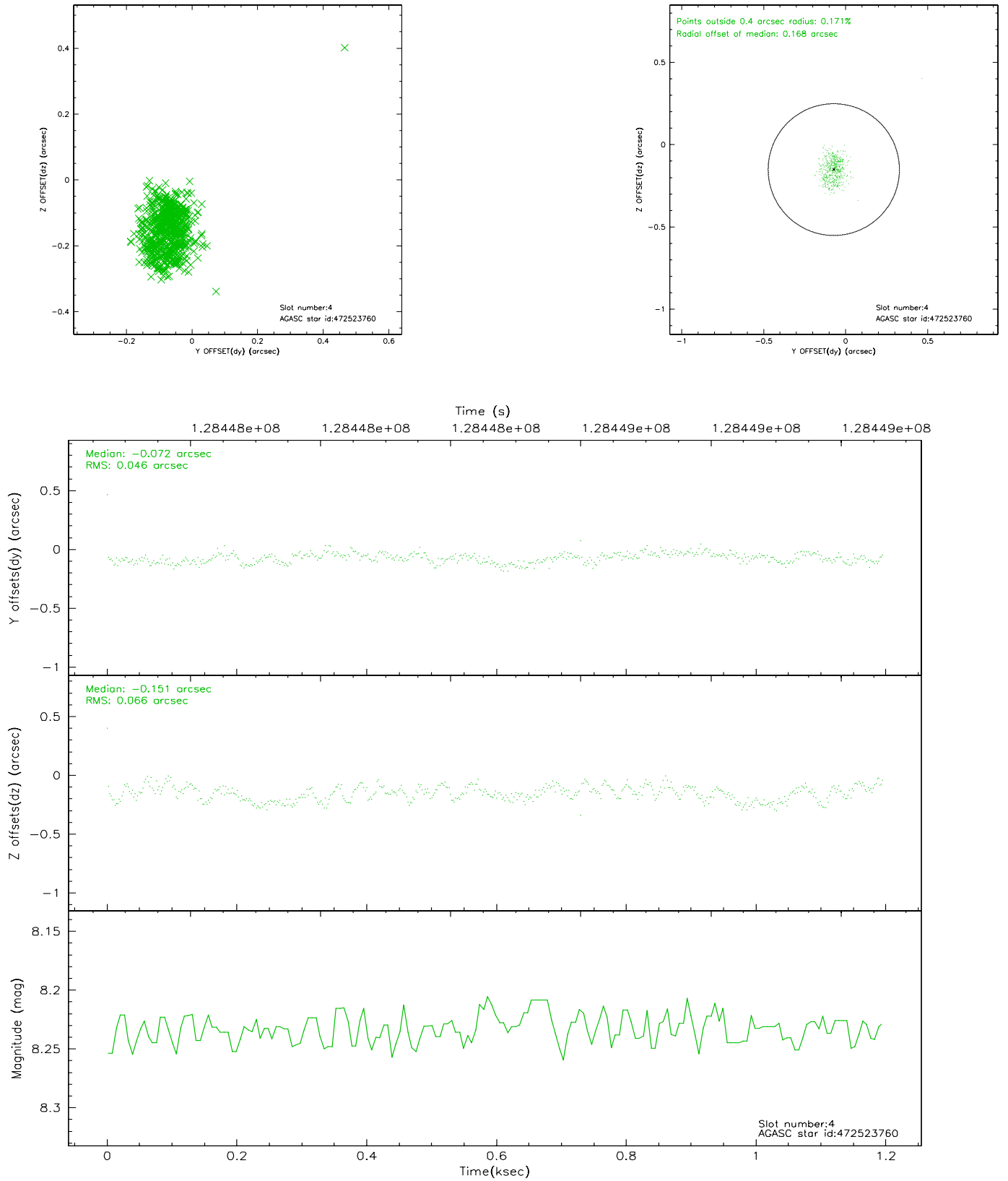


## 2.4 Star Slots

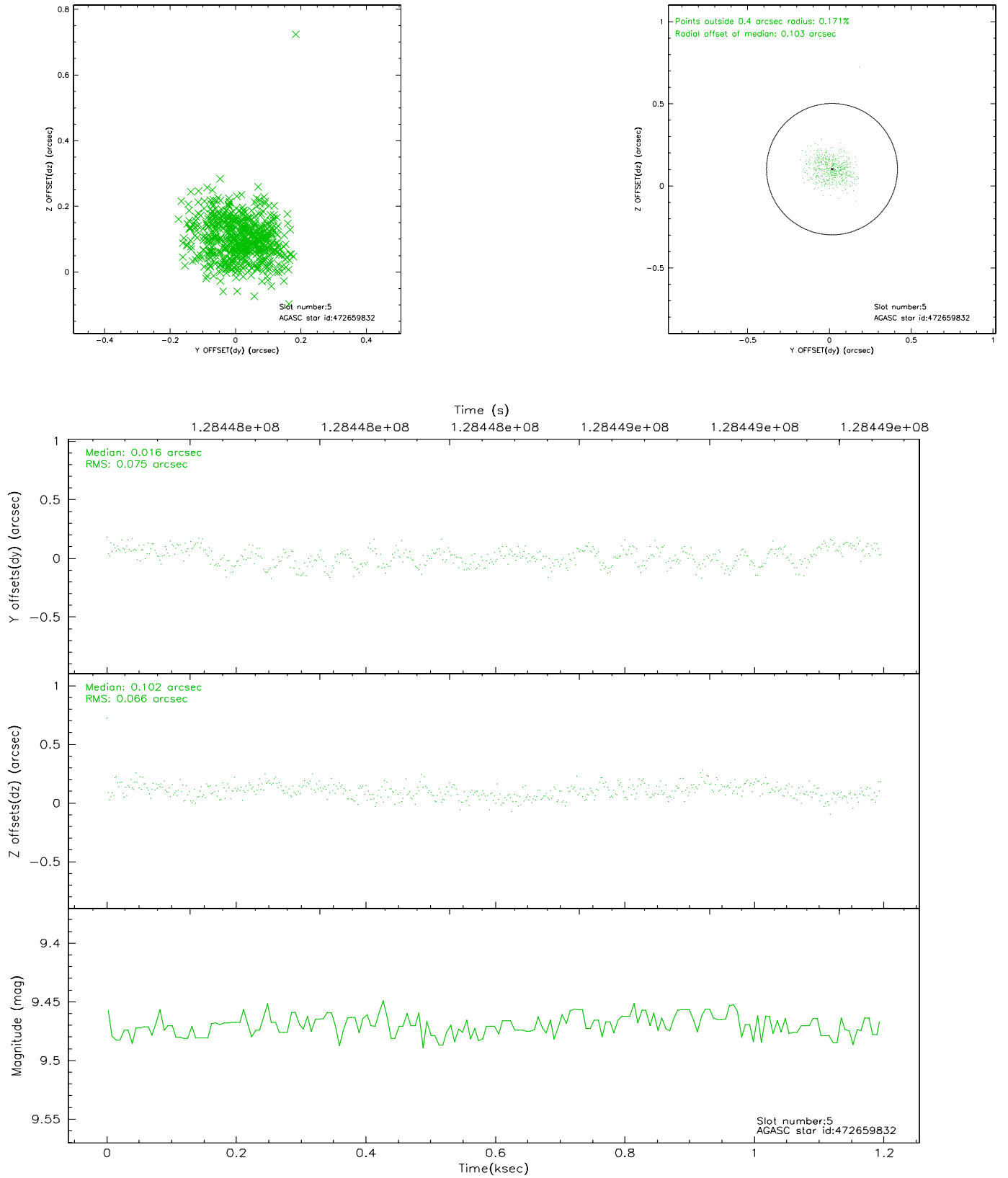
### 2.4.1 Slot 3



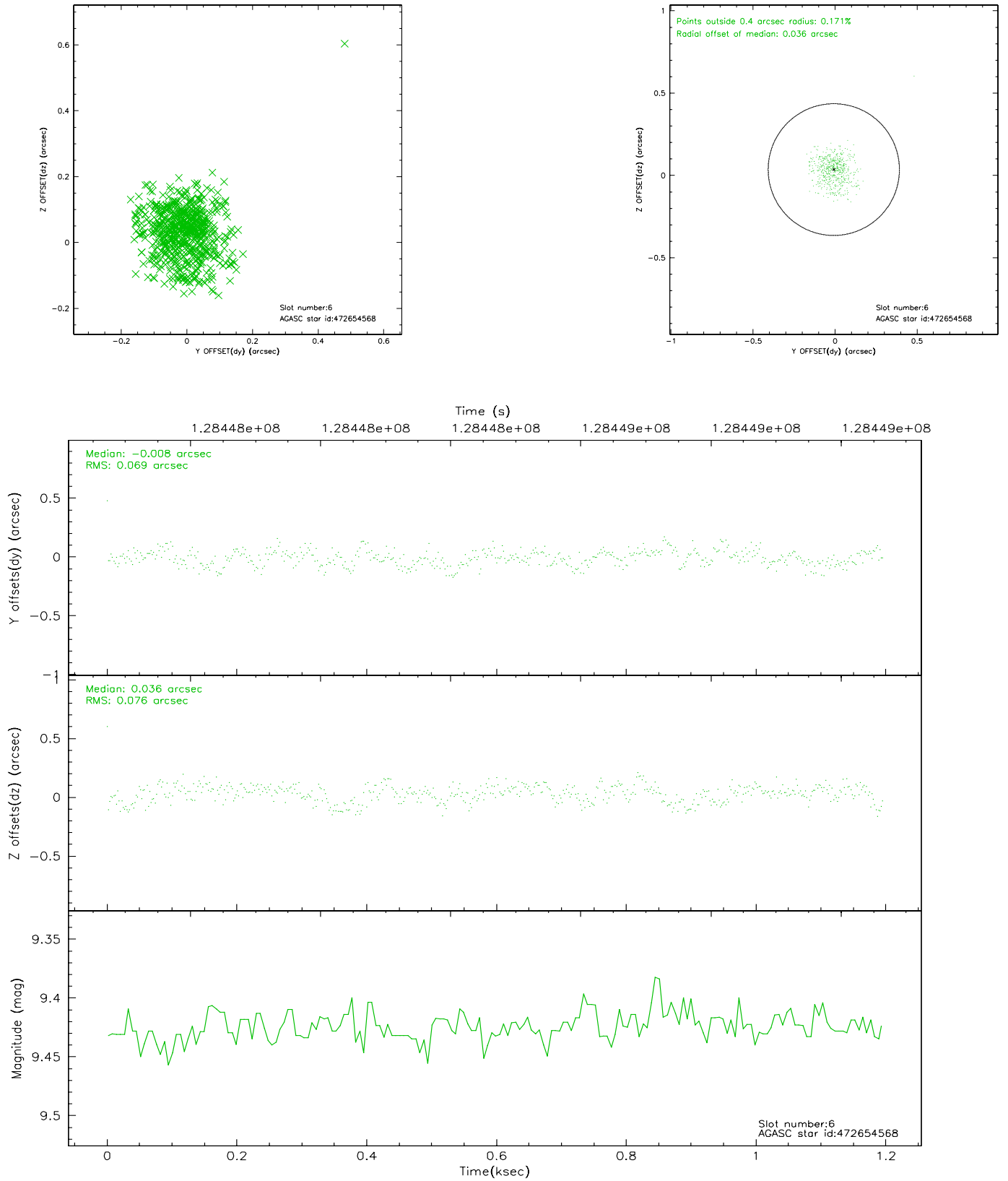
## 2.4.2 Slot 4



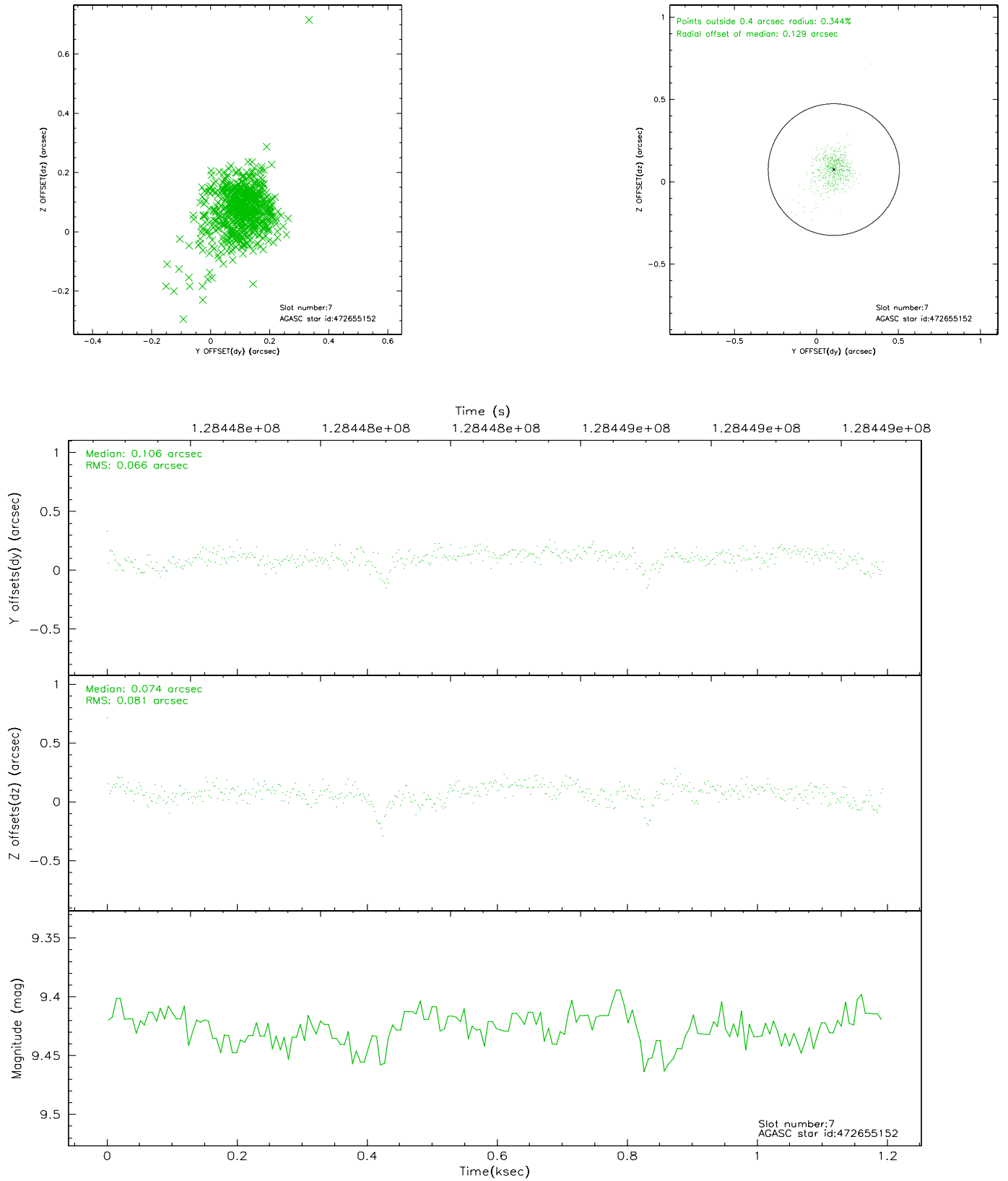
### 2.4.3 Slot 5



## 2.4.4 Slot 6

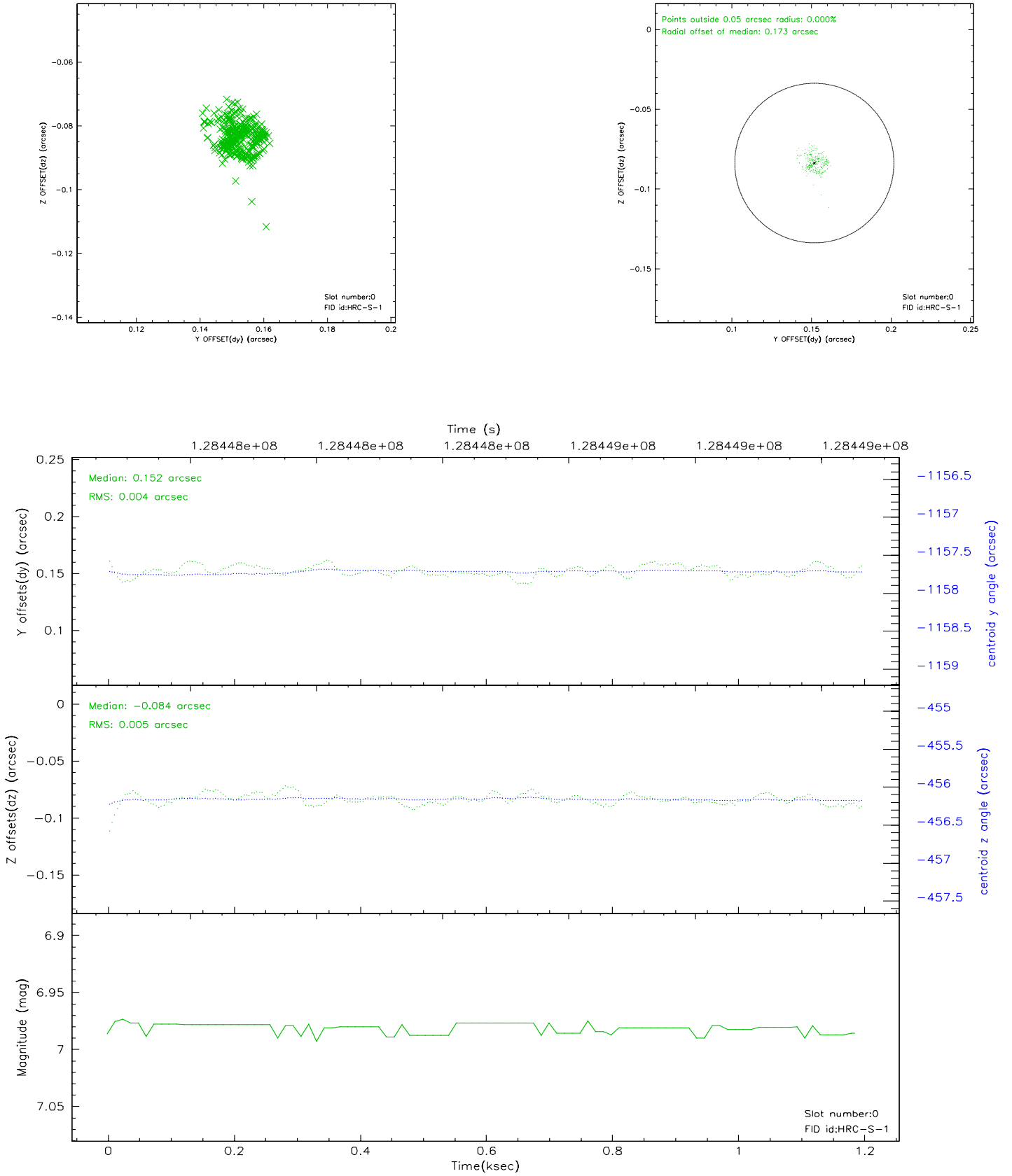


## 2.4.5 Slot 7

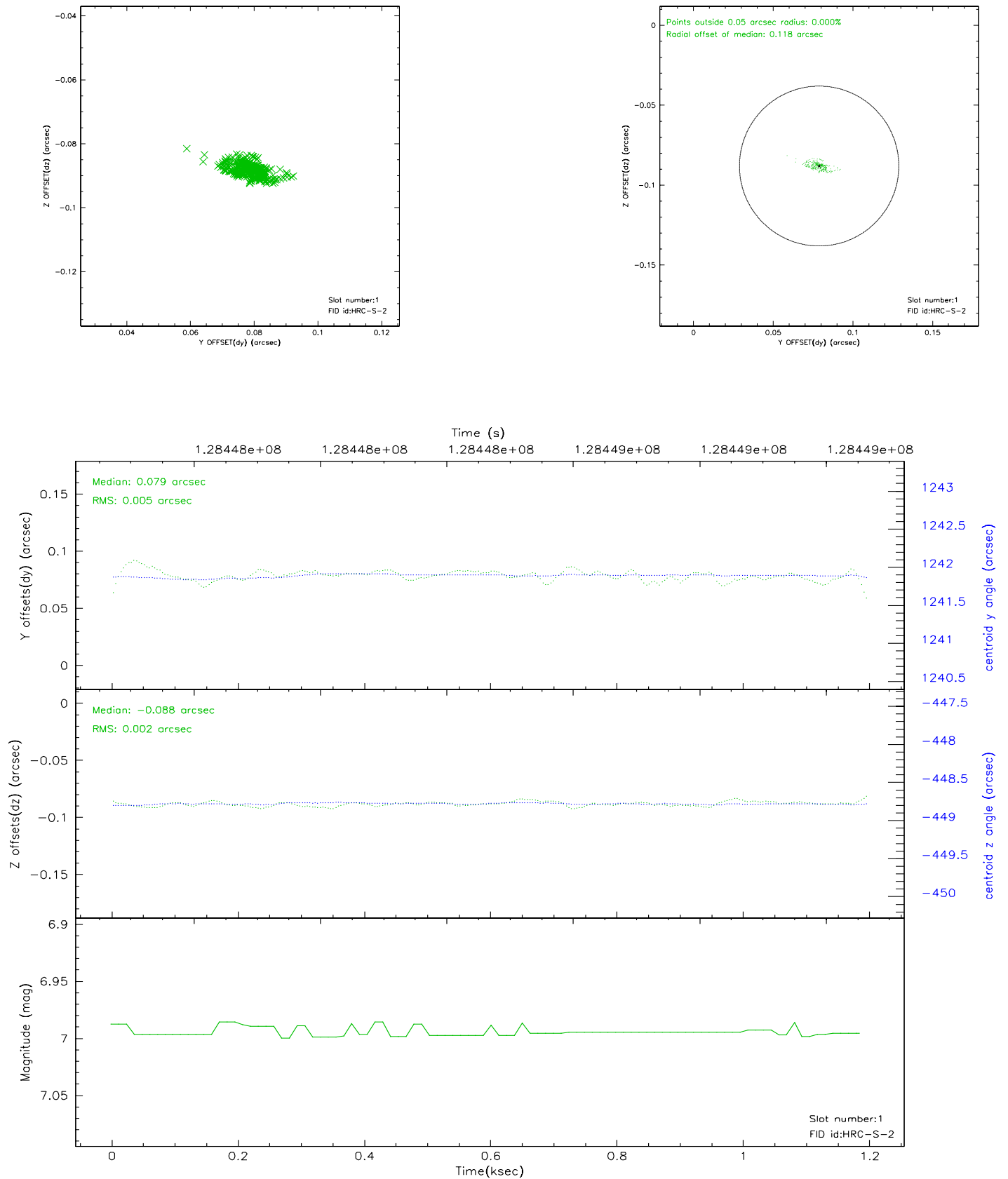


## 2.5 FID Slots

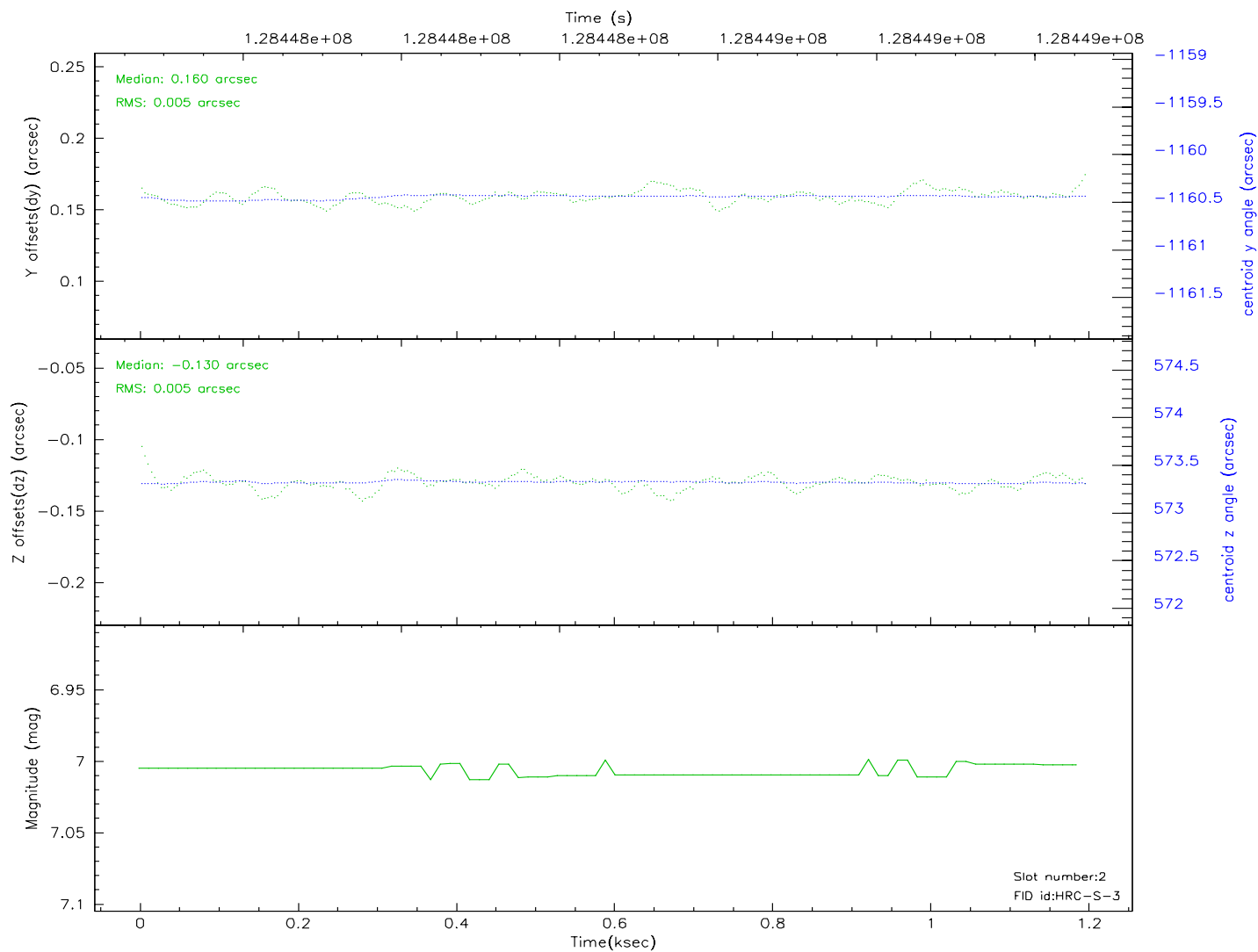
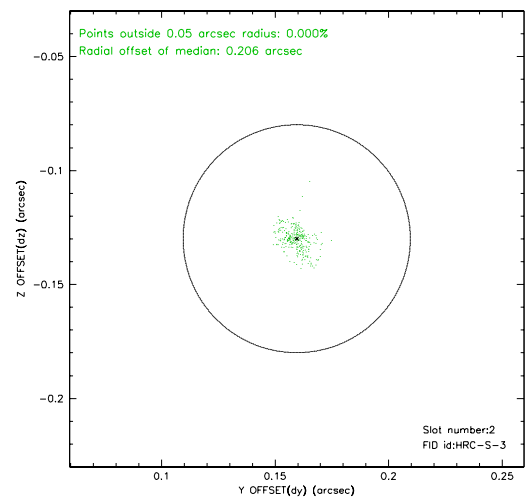
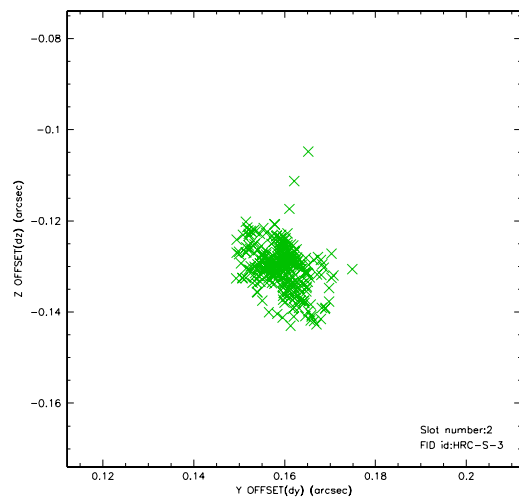
### 2.5.1 Slot 0



## 2.5.2 Slot 1

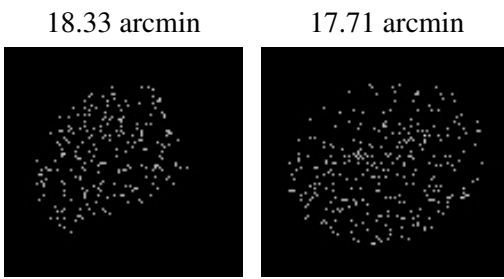


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

### A.2 Comments