

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2660 - L2 Version 001  
Chandra X-Ray Center

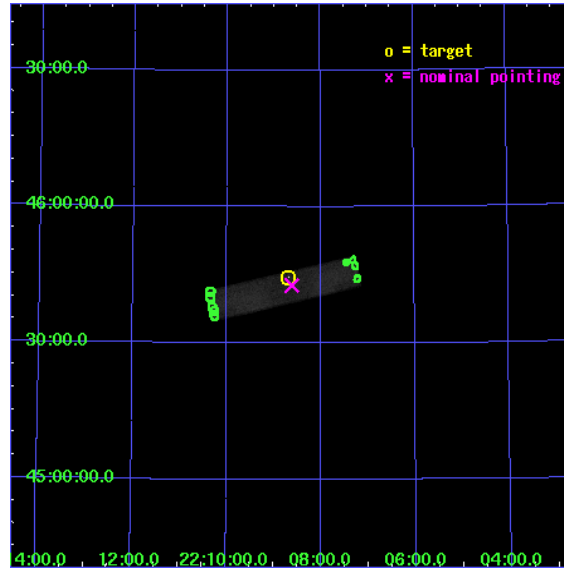
L2 Processing Date : Sep 30 2006

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# 1 Front

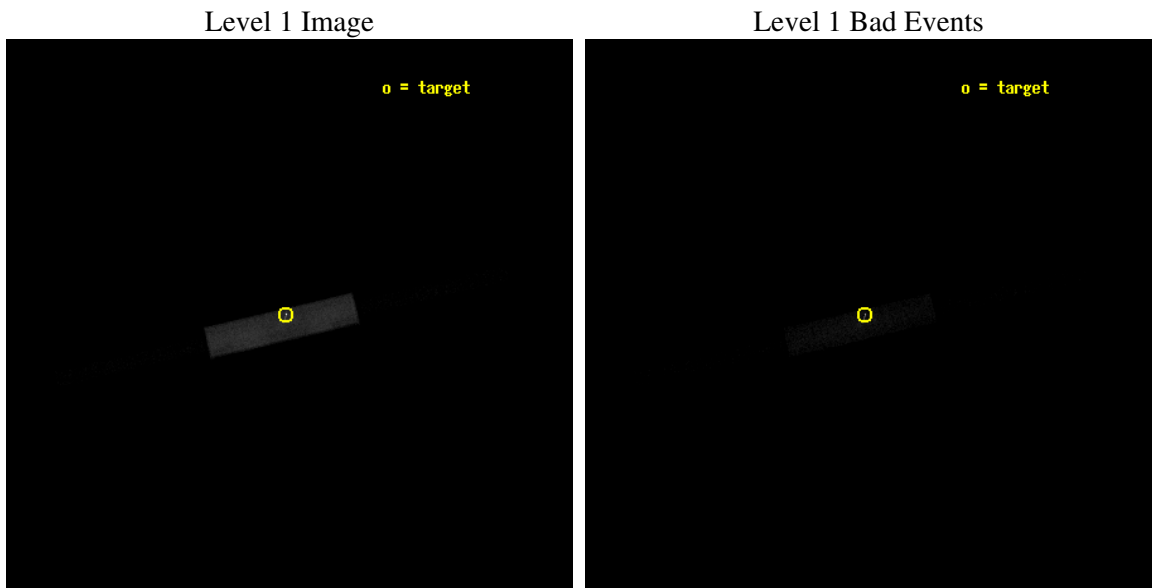
seq_num	290216
obs_id	2660
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.15307304723
dec_nom	45.711916345996
roll_nom	166.86656180191
revision	2
ontime	1142.1062970161
livetime	1132.1780209841
l2events	79152



## 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	2006-09-30T13:27:08
revision	2

sched_exp_time	1000.000000
ontime	1183.8750487268
l1events	116333

### 2.1.3 Events

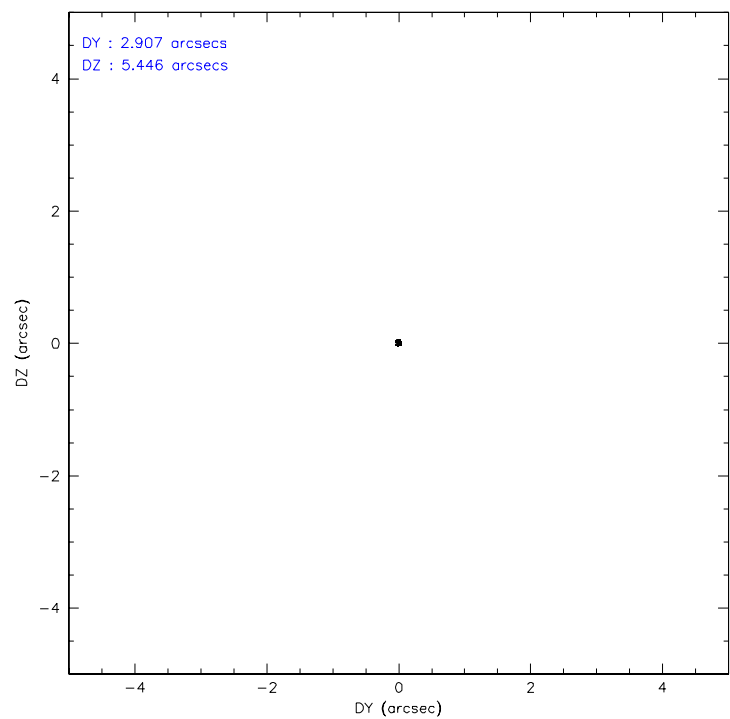
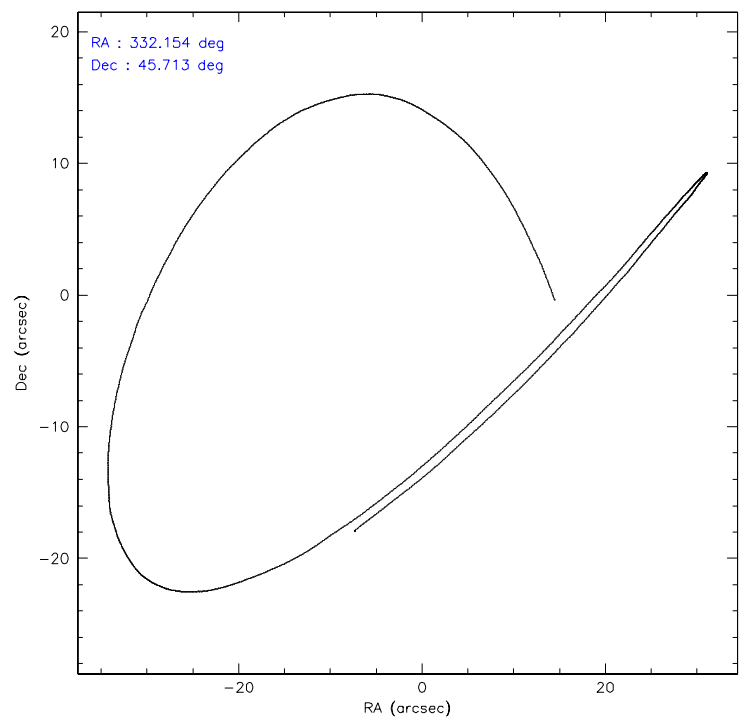
Level 1 Events

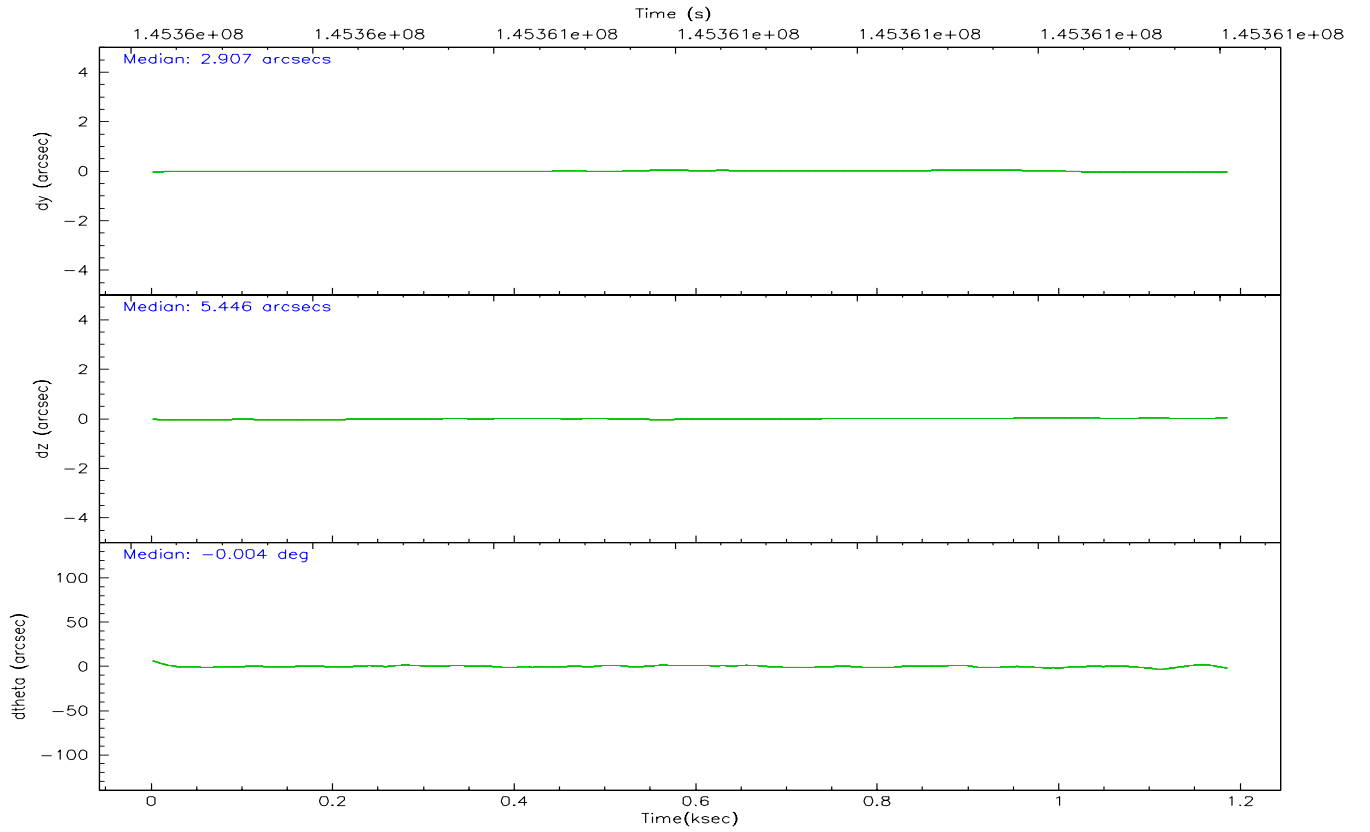
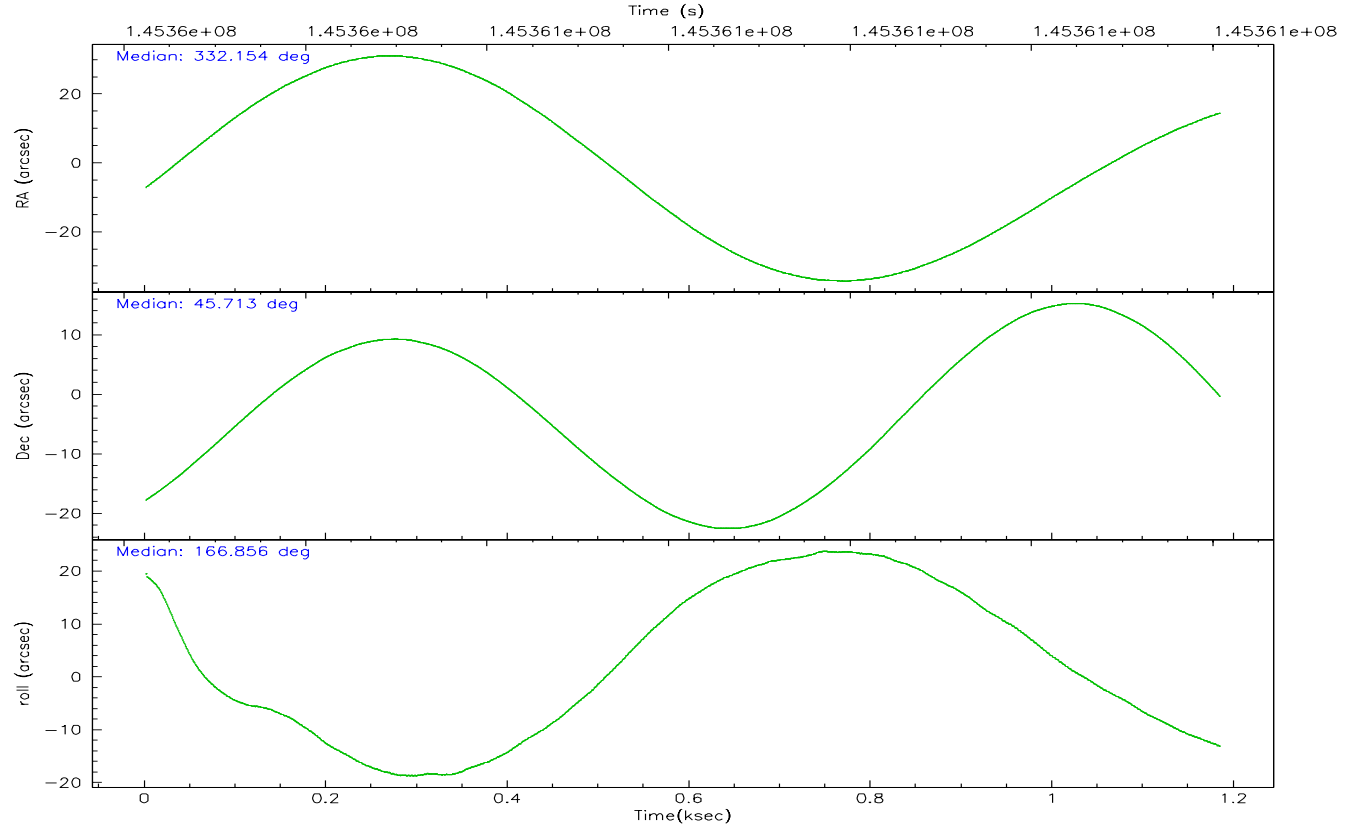
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1796	112884	1653
rejected events	1796	30722	1653
rejected %	100%	27%	100%

## 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	332.191170	332.1530730472302			
Pointing Dec	45.720685	45.71191634599595			
Pointing Roll	166.771876	166.8665618019105			
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	145360410.184000	145360034.35244			
Observation start date	2002-08-10T09:52:26	2002-08-10T09:47:14			
Observation end time	145361410.184000	145361544.69			
Observation end date	2002-08-10T10:09:06	2002-08-10T10:12:24			

## 2.3 Aspect





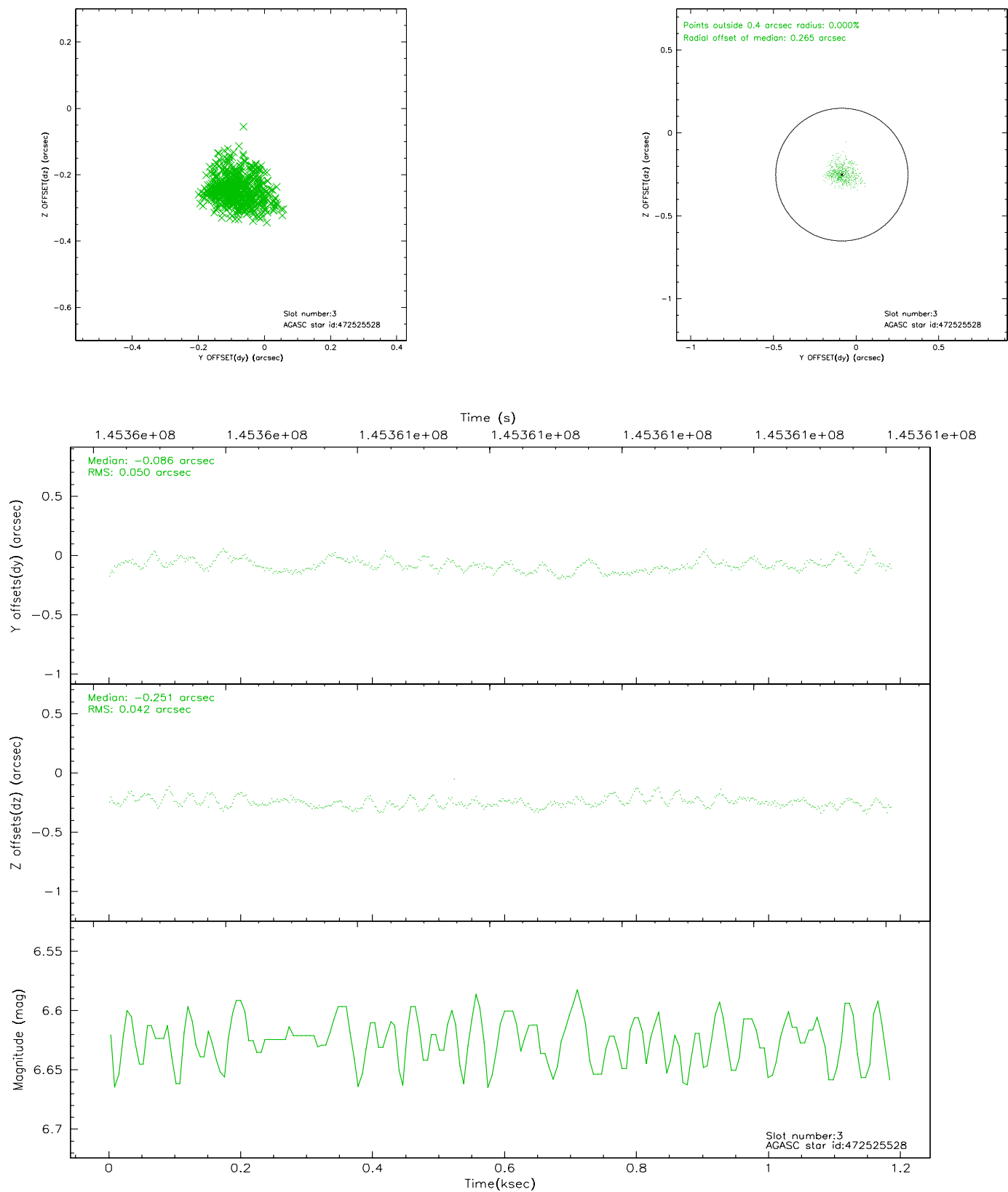
### Slot Statistics

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	289	0.151	-0.113	0.005	0.008	0.000000	0.000000	-1156.93	-453.96
1	FID	HRC-S-2	6.99	289	0.093	-0.102	0.008	0.015	0.000000	0.000000	1238.69	-448.12
2	FID	HRC-S-4	6.94	289	0.159	-0.089	0.007	0.014	0.000000	0.000000	1245.61	576.64
3	GUIDE	472525528	6.62	579	-0.086	-0.251	0.072	0.111	331.551102	45.248694	1193.35	2022.46
4	GUIDE	472535576	7.87	579	-0.164	0.153	0.057	0.093	331.438373	46.291802	2299.46	-1574.12
5	GUIDE	472536328	8.15	578	-0.067	0.114	0.073	0.125	331.496671	46.454831	2289.41	-2184.82
6	GUIDE	472665256	9.01	579	0.187	0.238	0.072	0.115	332.808125	46.195041	-1098.24	-2020.20
7	GUIDE	472654568	9.45	578	0.141	-0.252	0.095	0.147	332.194449	45.063576	-549.77	2300.58

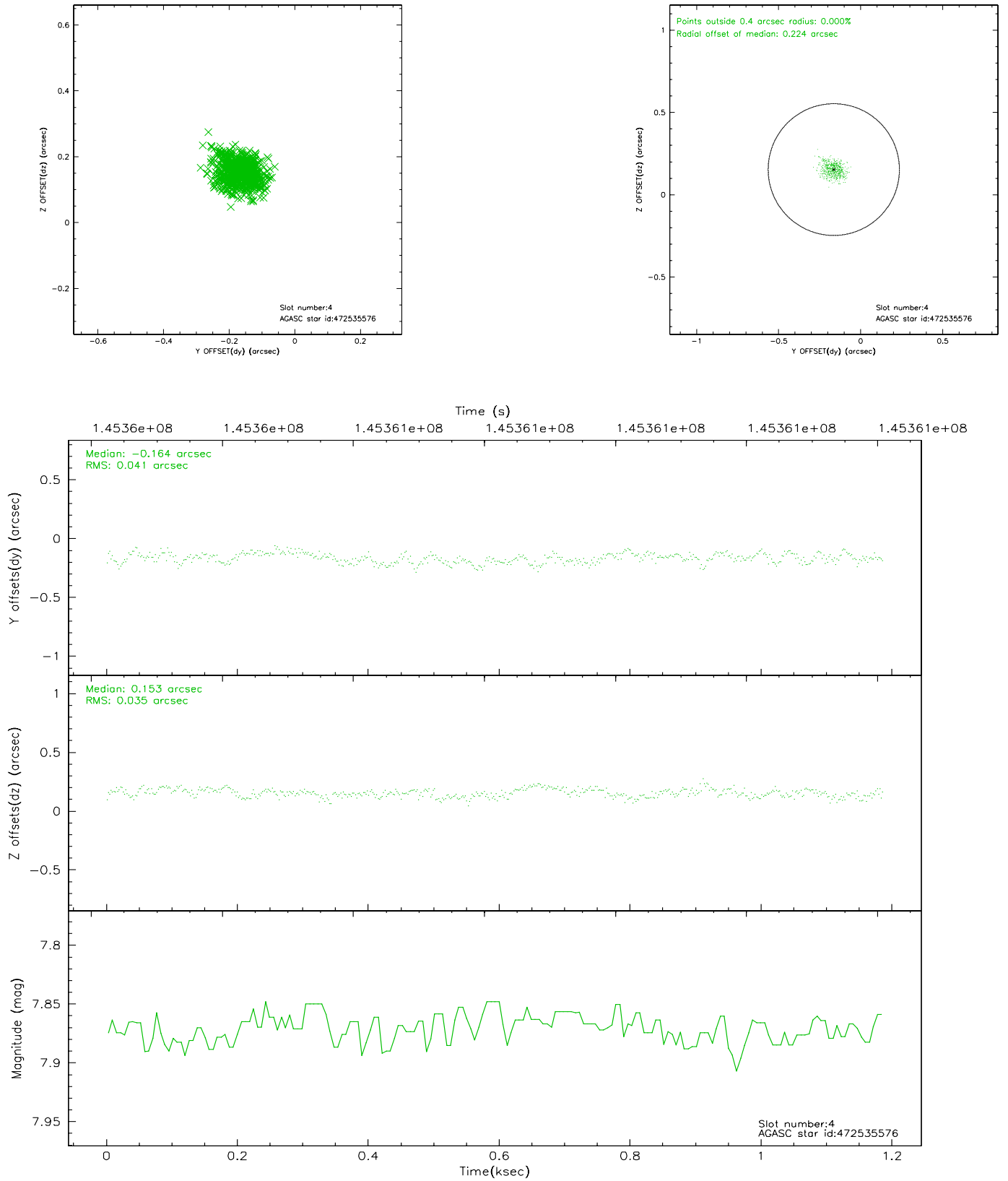


## 2.4 Star Slots

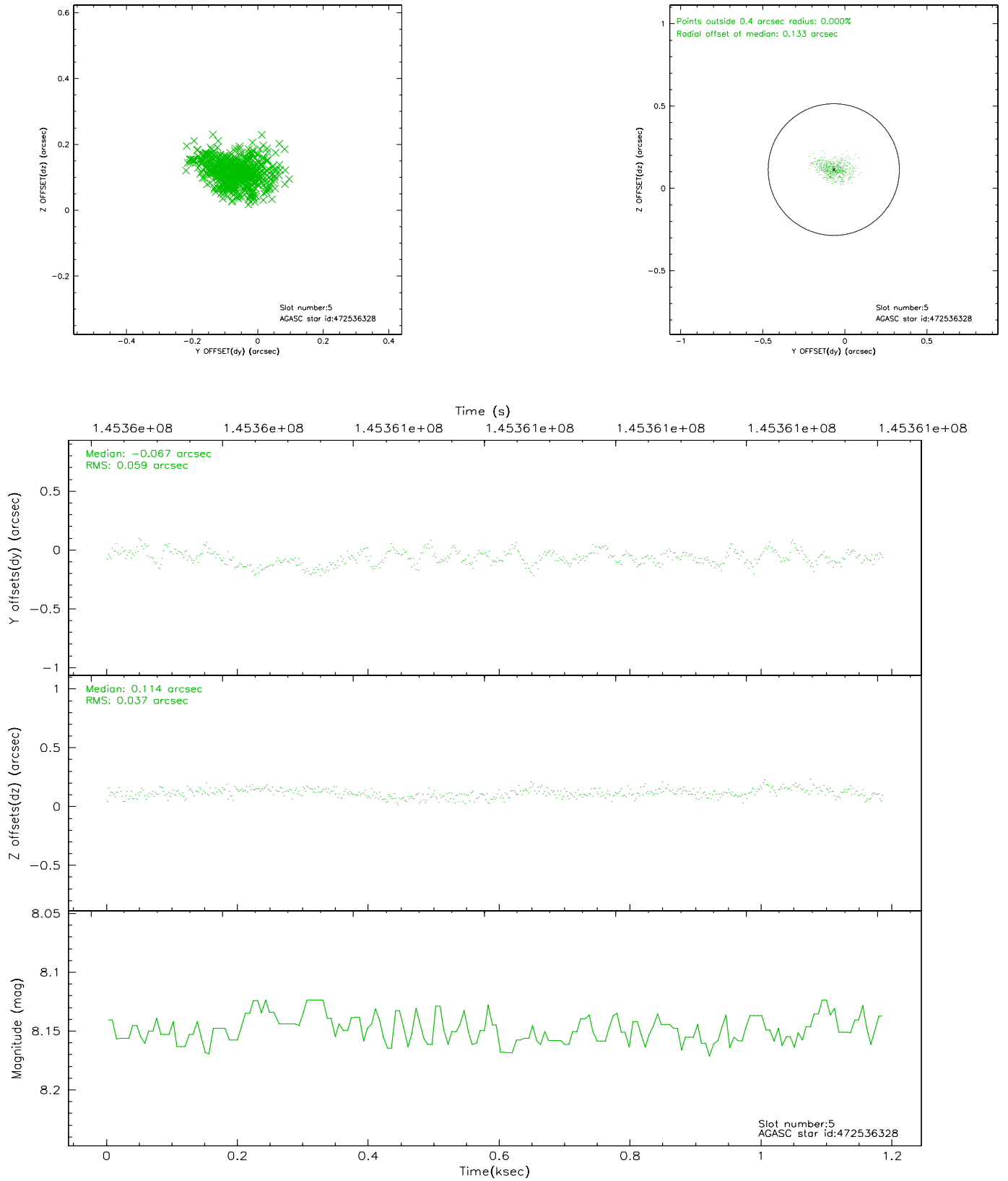
### 2.4.1 Slot 3



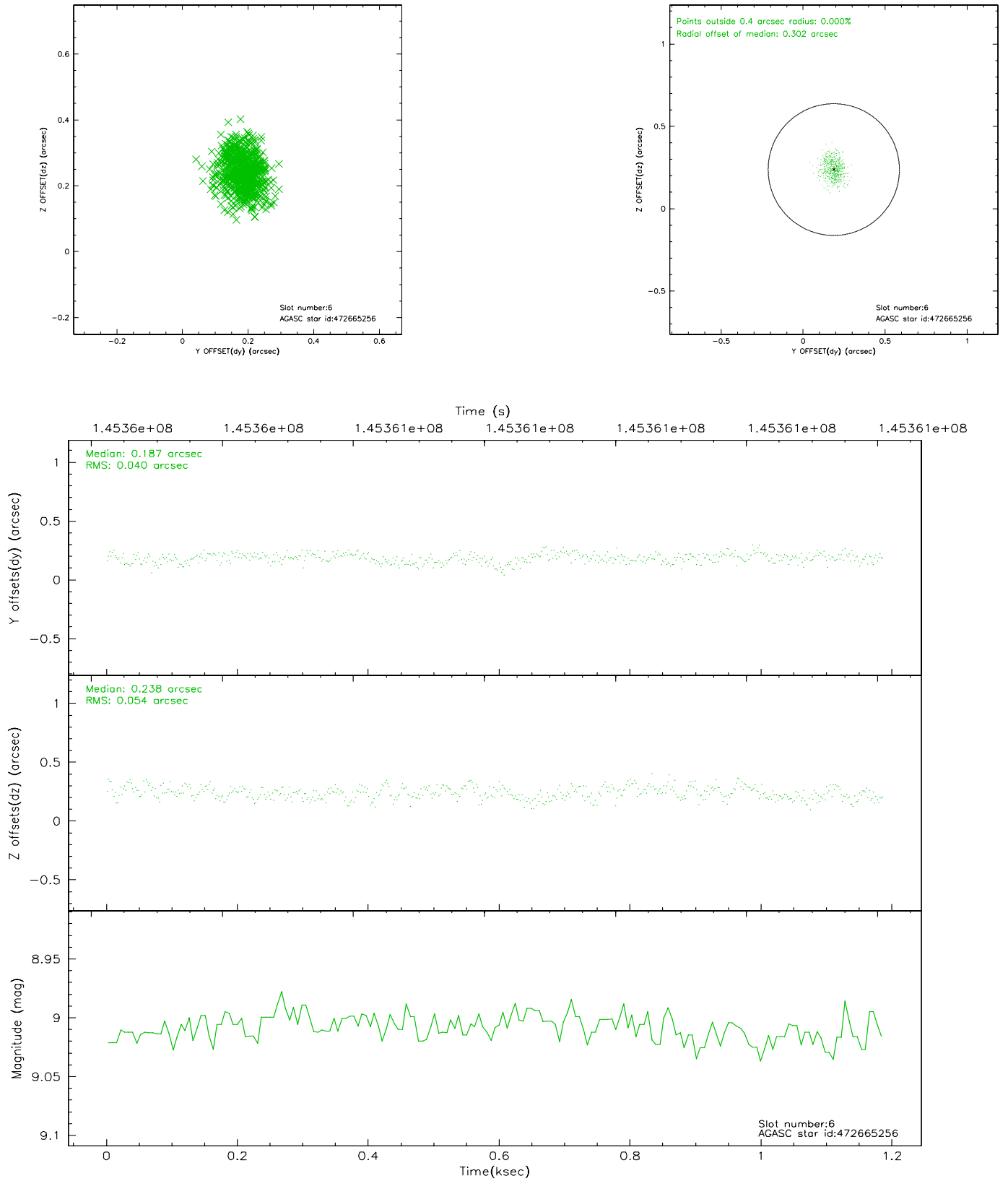
## 2.4.2 Slot 4



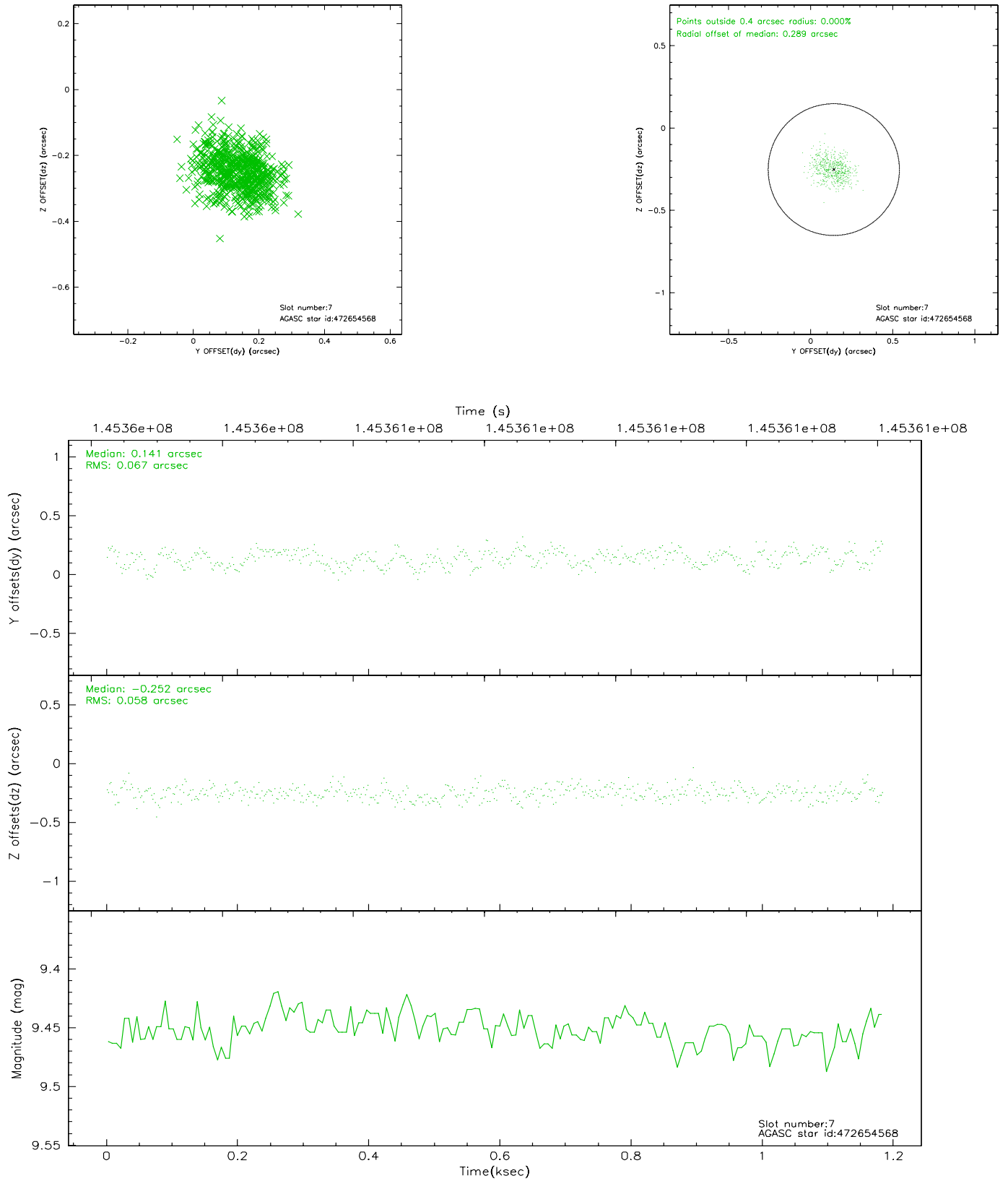
### 2.4.3 Slot 5



## 2.4.4 Slot 6

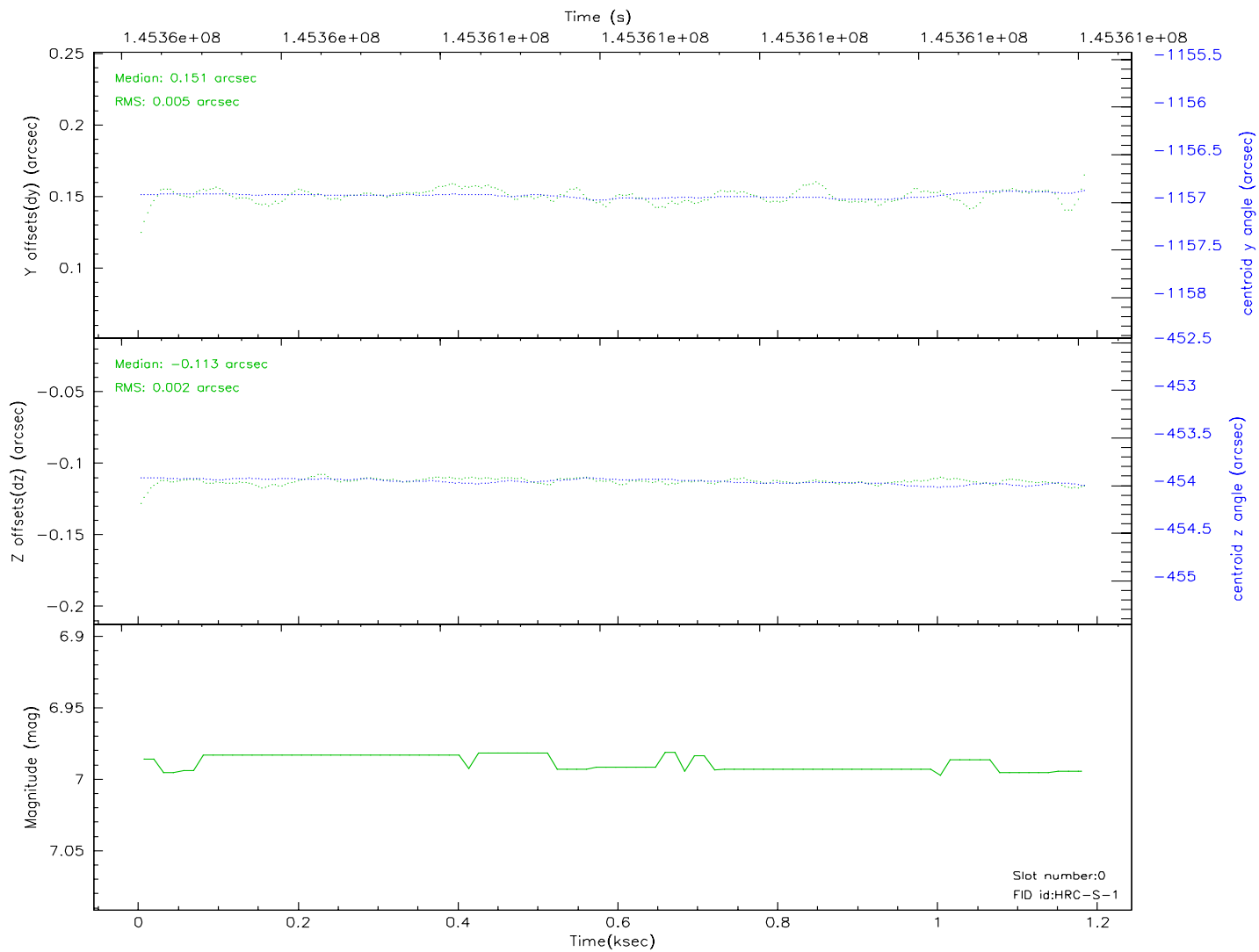
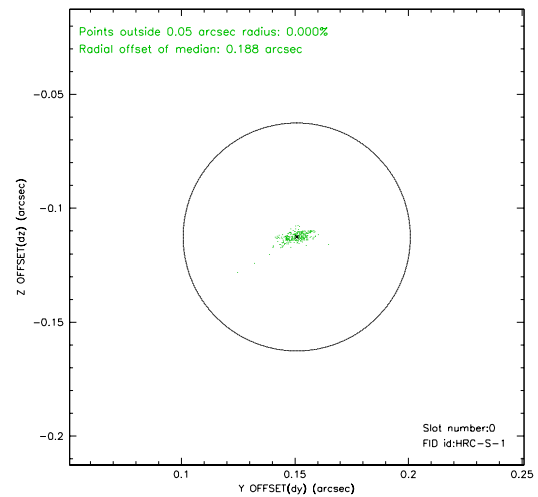
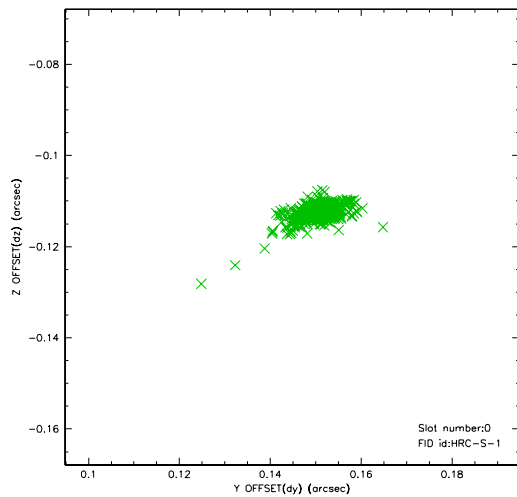


## 2.4.5 Slot 7

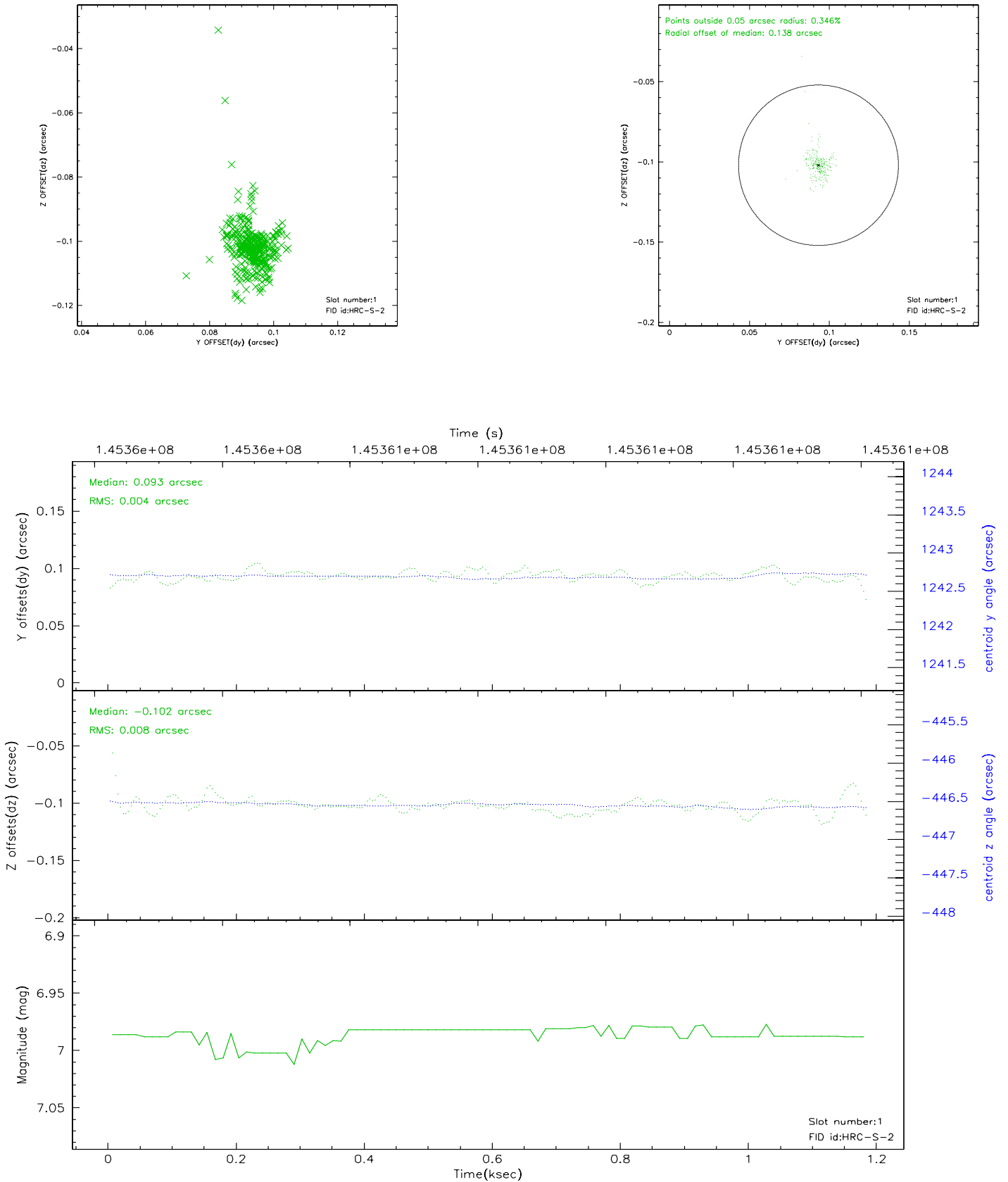


## 2.5 FID Slots

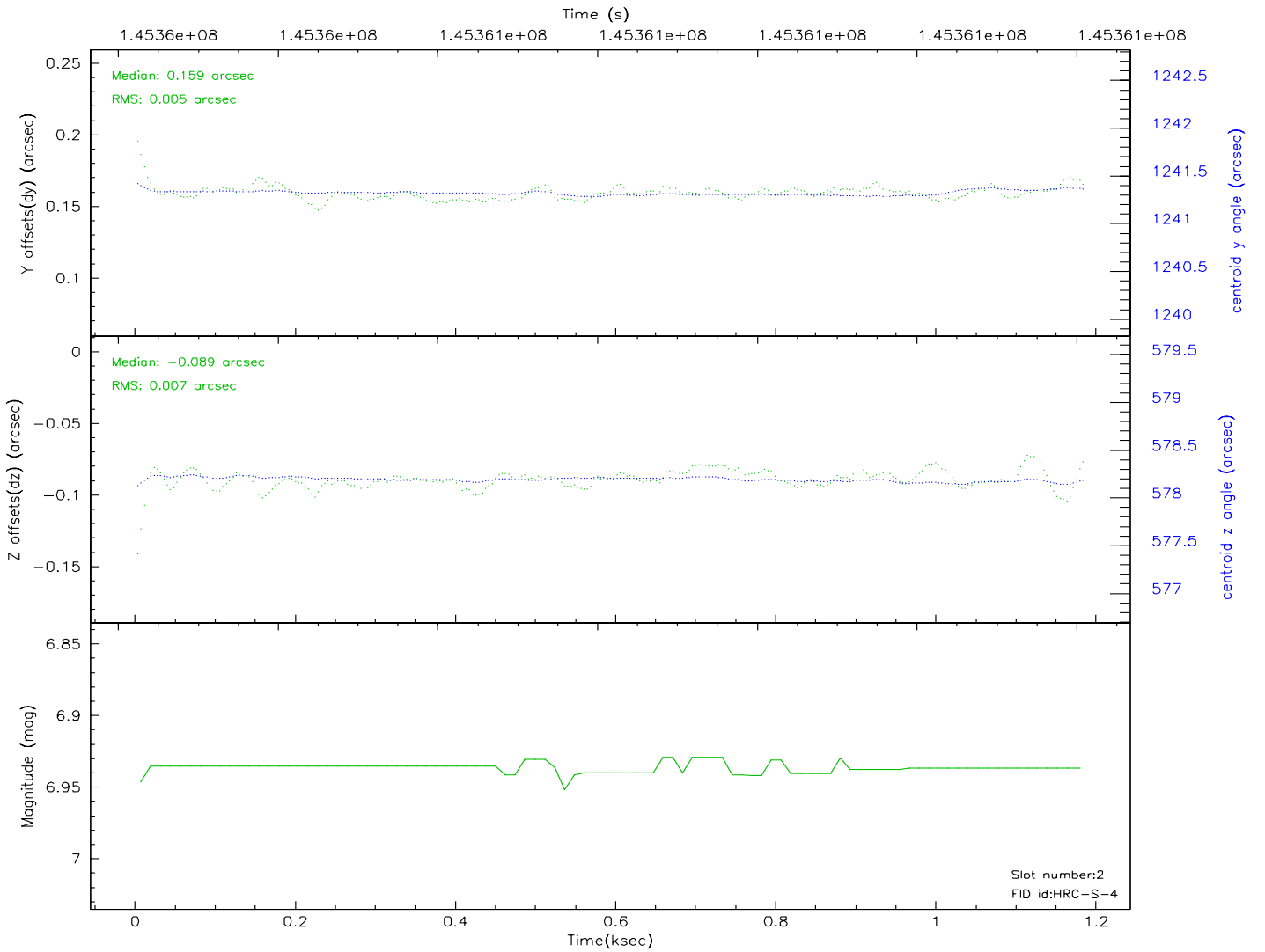
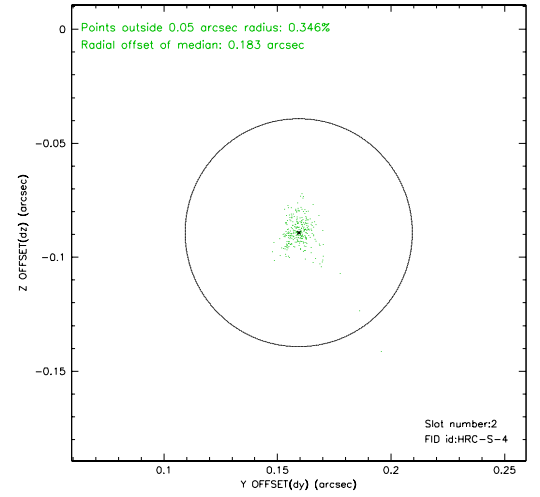
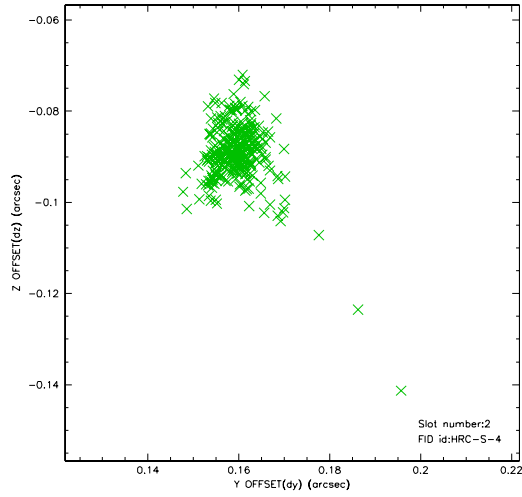
### 2.5.1 Slot 0



## 2.5.2 Slot 1

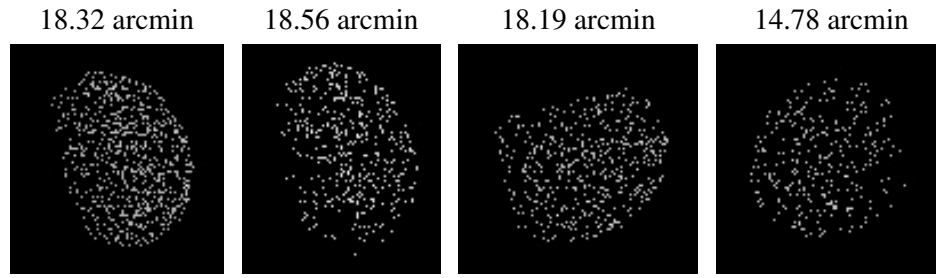


### 2.5.3 Slot 2





### 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	1.177

## A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.177 ks  
although with the current processing it would have been 1.14 ksec

Monitor constraint met.