

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2650 - L2 Version 001  
Chandra X-Ray Center

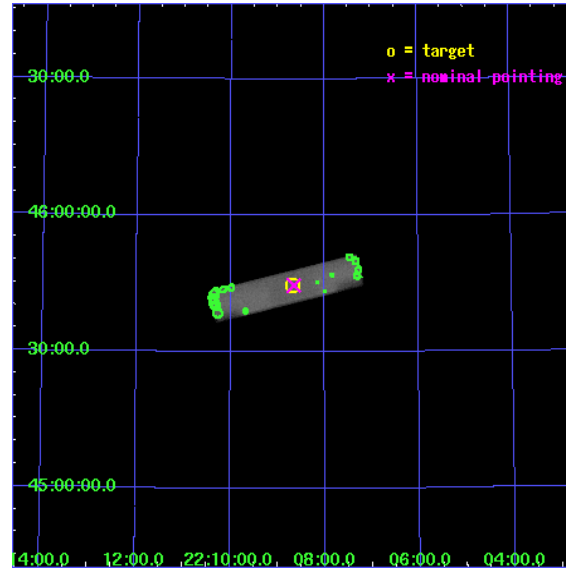
L2 Processing Date : Sep 30 2006

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# 1 Front

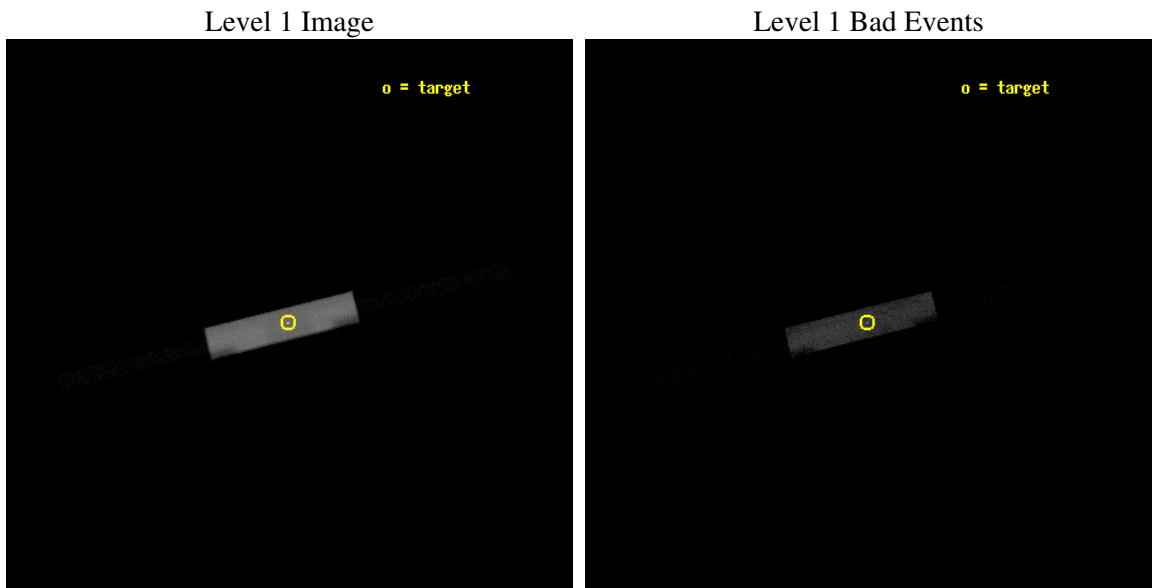
seq_num	290206
obs_id	2650
title	AO3B HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.16317200113
dec_nom	45.744209348724
roll_nom	165.98256481752
revision	2
ontime	1142.1062970161
livetime	1106.2642090389
l2events	162630



## 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	2006-09-30T11:34:08
revision	2

sched_exp_time	1000.000000
ontime	1185.9250487983
l1events	213771

### 2.1.3 Events

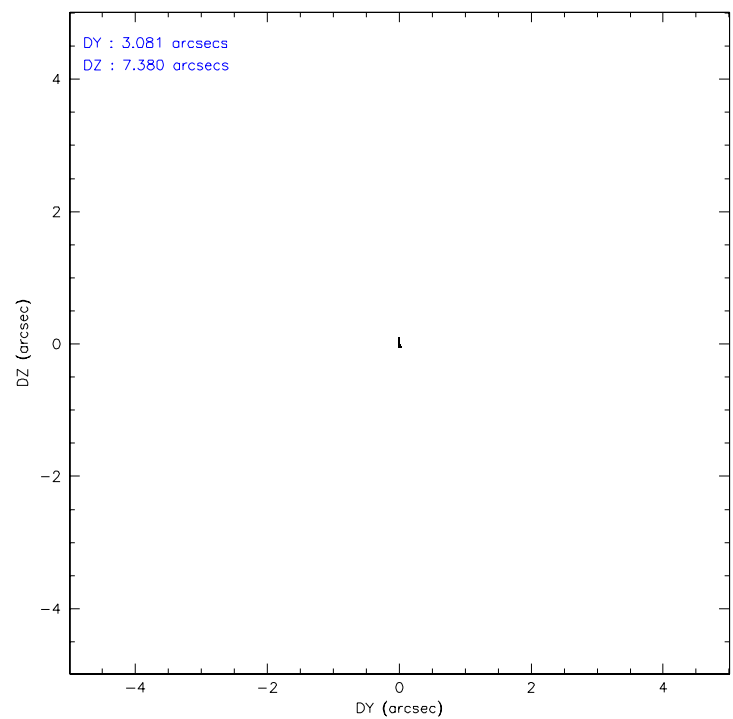
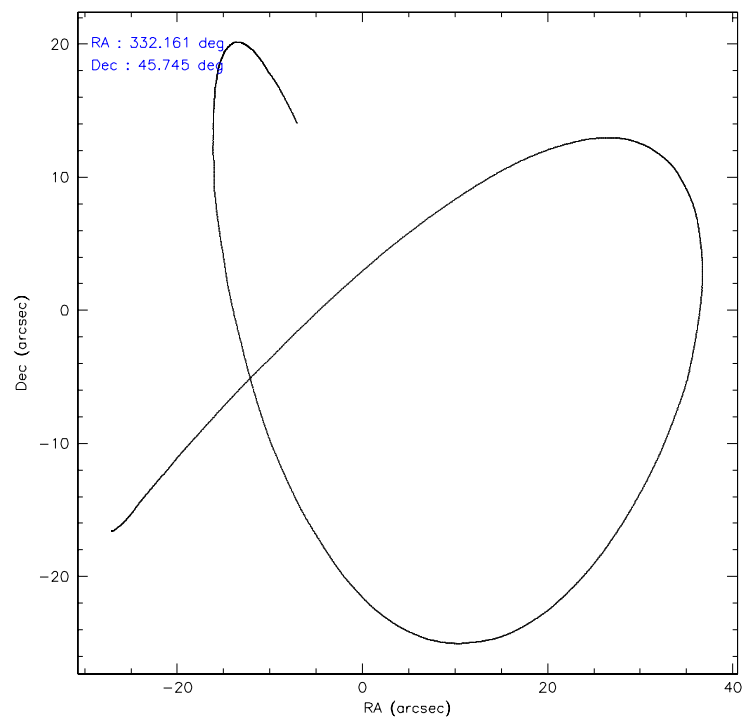
Level 1 Events

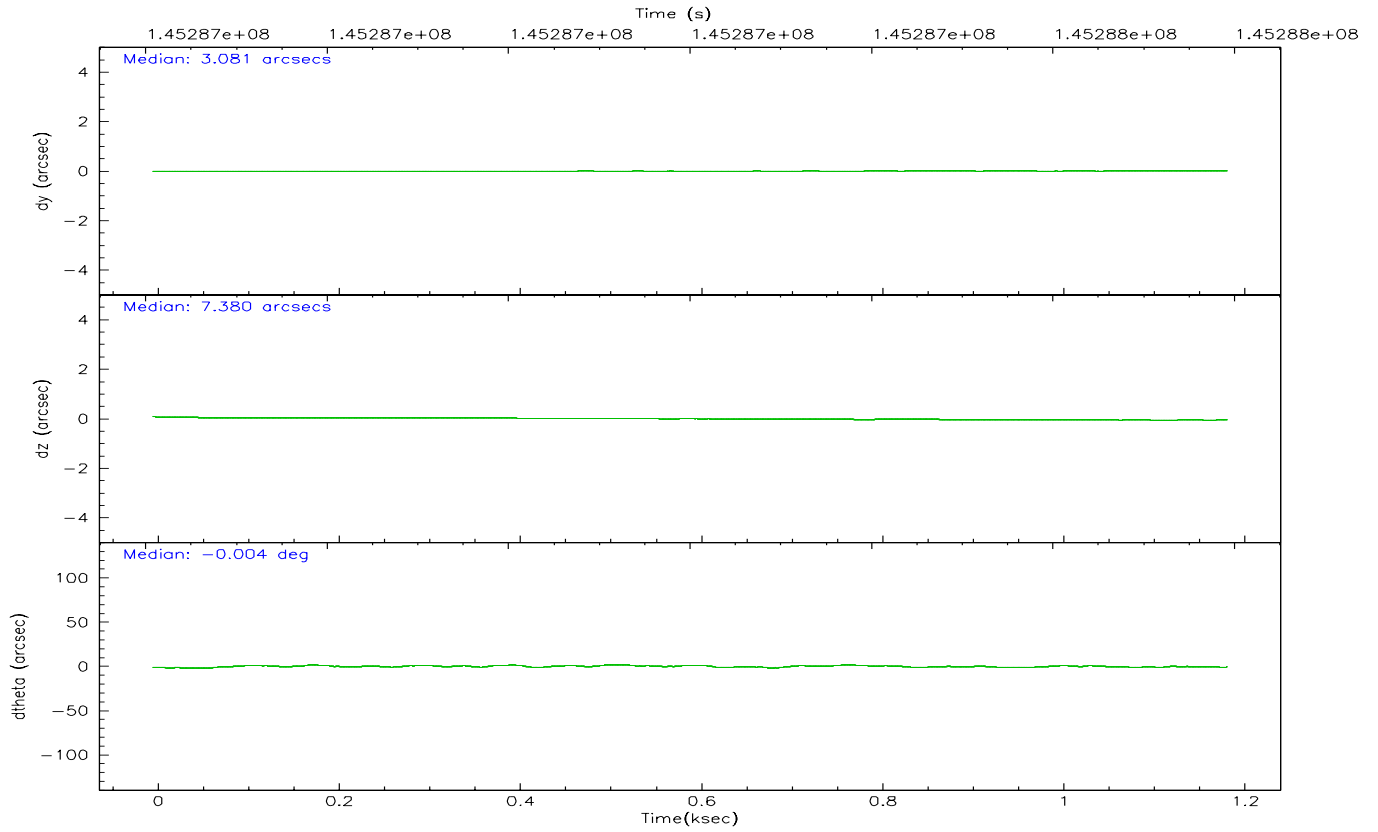
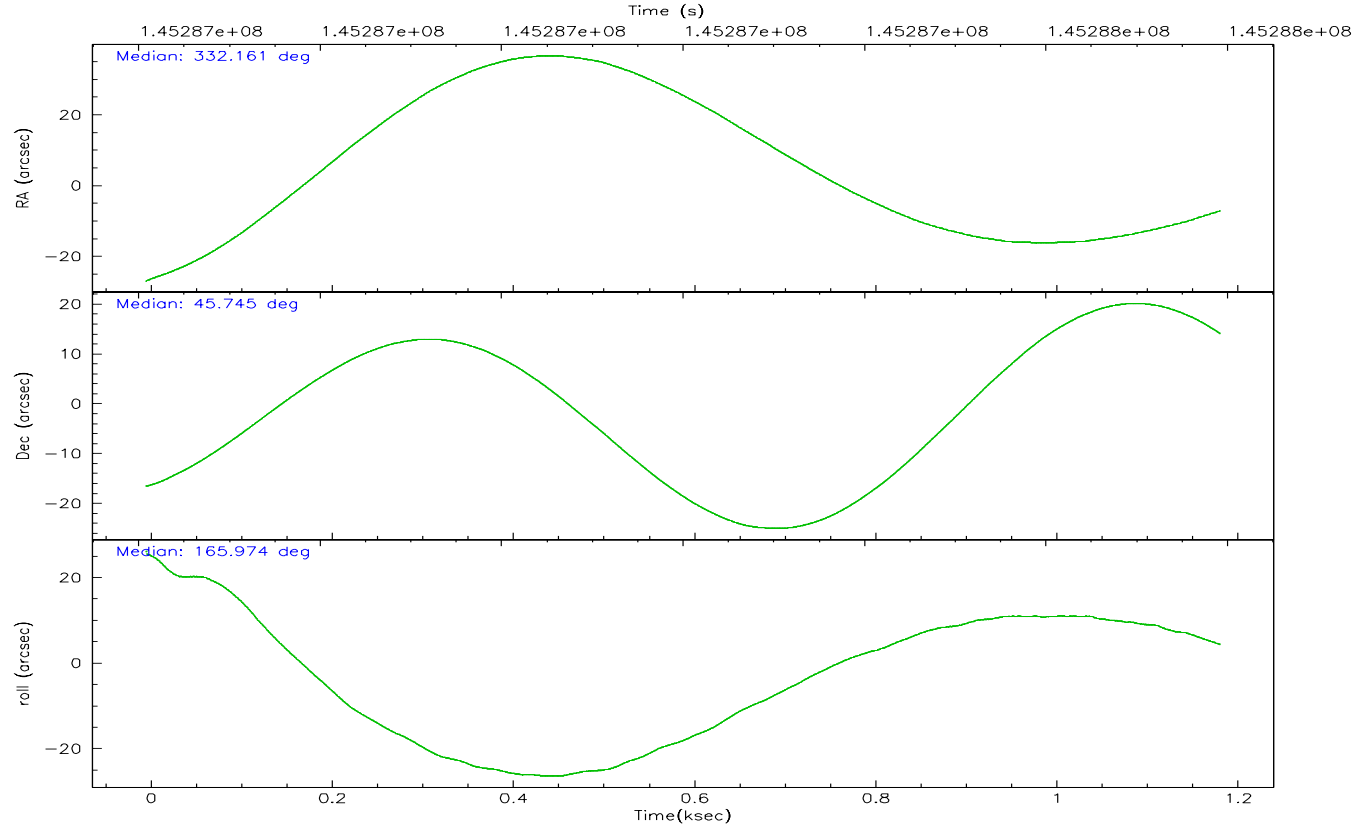
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1241	211372	1158
rejected events	1241	45144	1158
rejected %	100%	21%	100%

## 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	332.202335	332.1631720011347			
Pointing Dec	45.752792	45.74420934872381			
Pointing Roll	165.887145	165.9825648175167			
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	145286788.184000	145286412.1869			
Observation start date	2002-08-09T13:25:24	2002-08-09T13:20:12			
Observation end time	145287788.184000	145287922.01197			
Observation end date	2002-08-09T13:42:04	2002-08-09T13:45:22			

2.3 Aspect





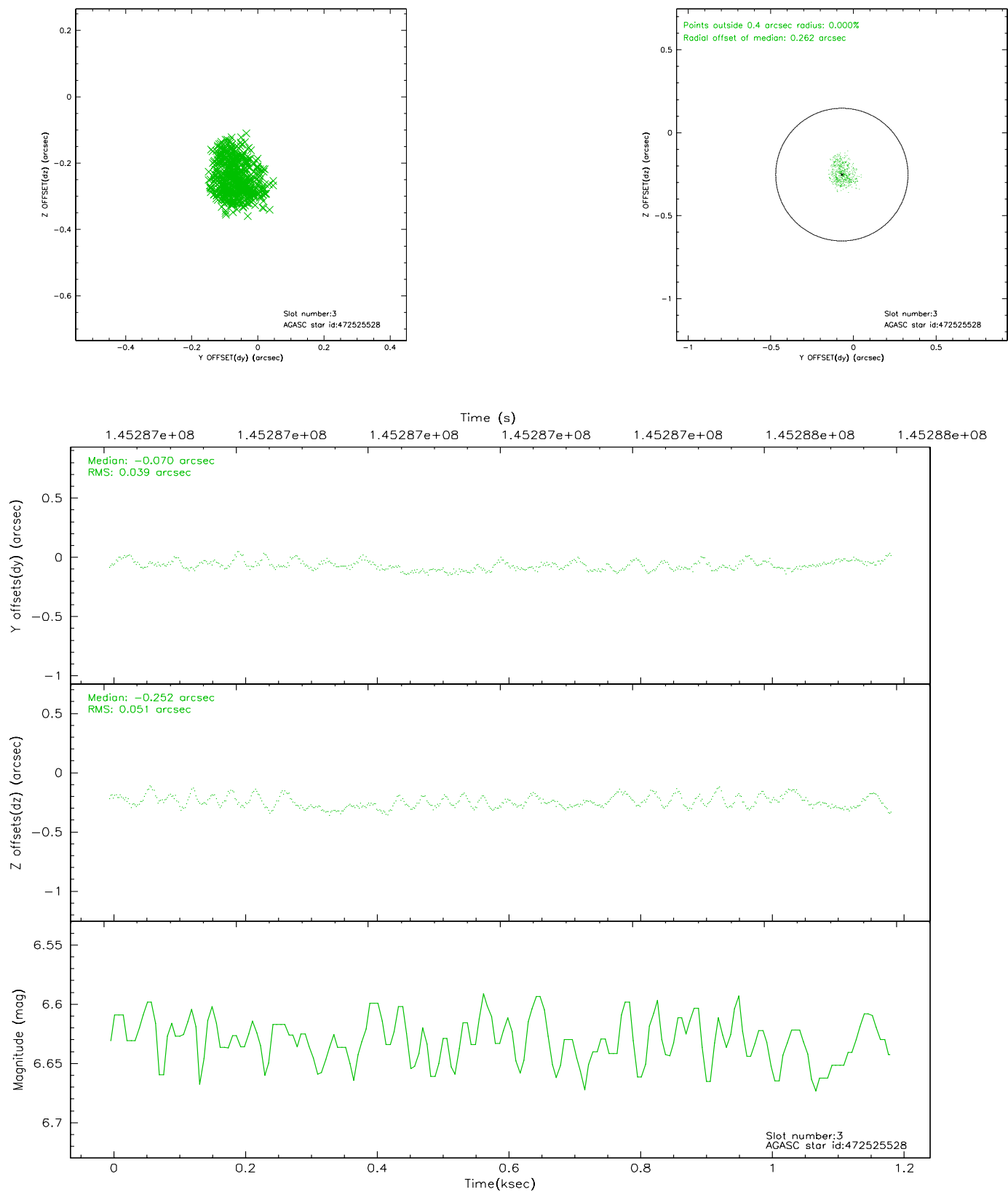
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	0.152	-0.113	0.004	0.010	0.000000	0.000000	-1157.09	-455.95
1	FID	HRC-S-2	7.01	290	0.091	-0.121	0.009	0.014	0.000000	0.000000	1238.53	-450.13
2	FID	HRC-S-4	6.96	290	0.160	-0.070	0.008	0.013	0.000000	0.000000	1245.43	574.67
3	GUIDE	472525528	6.63	580	-0.070	-0.252	0.070	0.108	331.551102	45.248694	1157.21	2157.94
4	GUIDE	472535576	7.87	580	-0.154	0.165	0.059	0.100	331.438373	46.291802	2318.21	-1421.08
5	GUIDE	472536328	8.15	580	-0.092	0.110	0.073	0.129	331.496671	46.454831	2317.49	-2031.84
6	GUIDE	472665256	9.01	580	0.187	0.215	0.076	0.132	332.808125	46.195041	-1072.25	-1919.13
7	GUIDE	472654568	9.46	579	0.133	-0.234	0.113	0.179	332.194449	45.063576	-589.96	2409.55

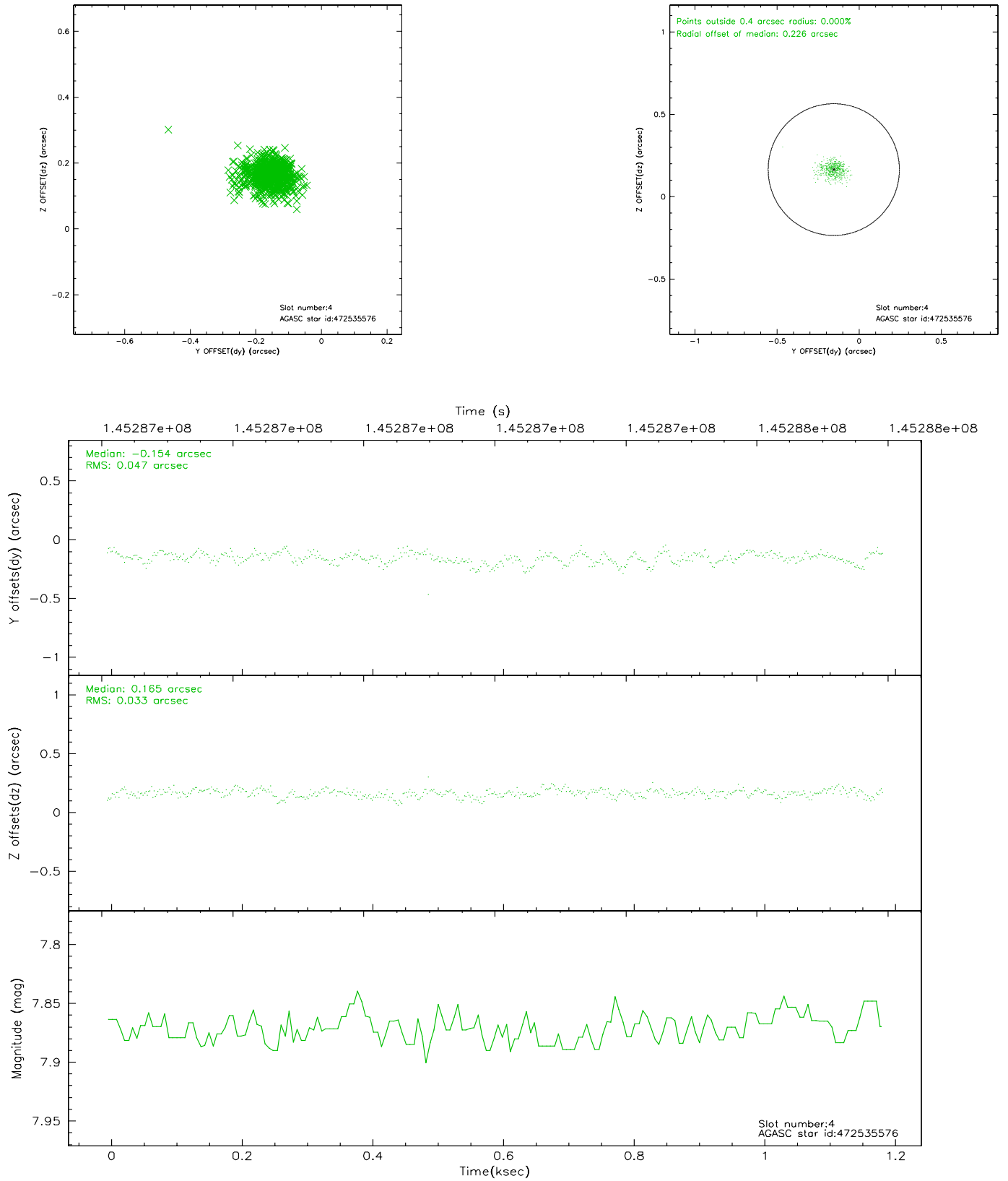


## 2.4 Star Slots

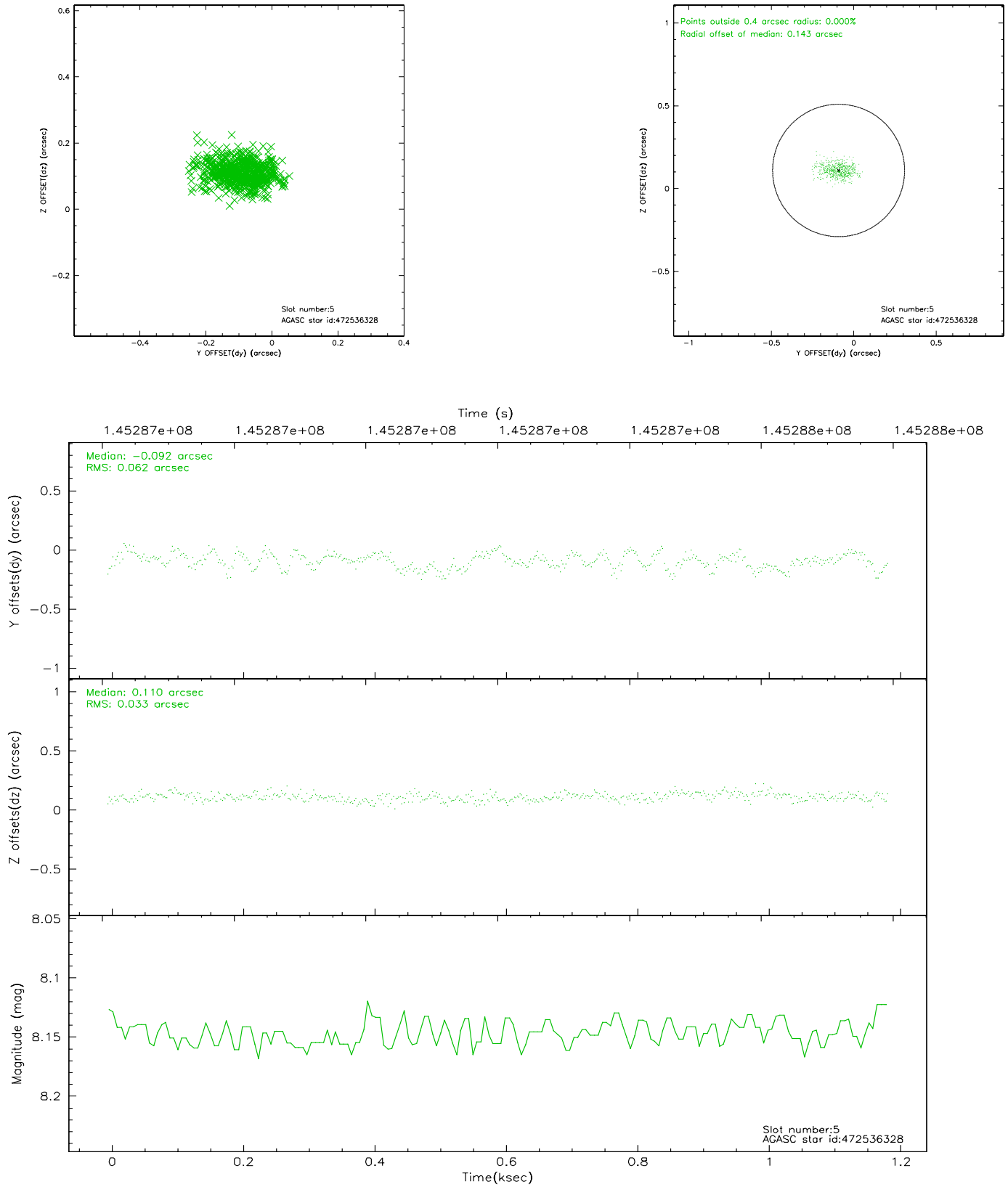
### 2.4.1 Slot 3



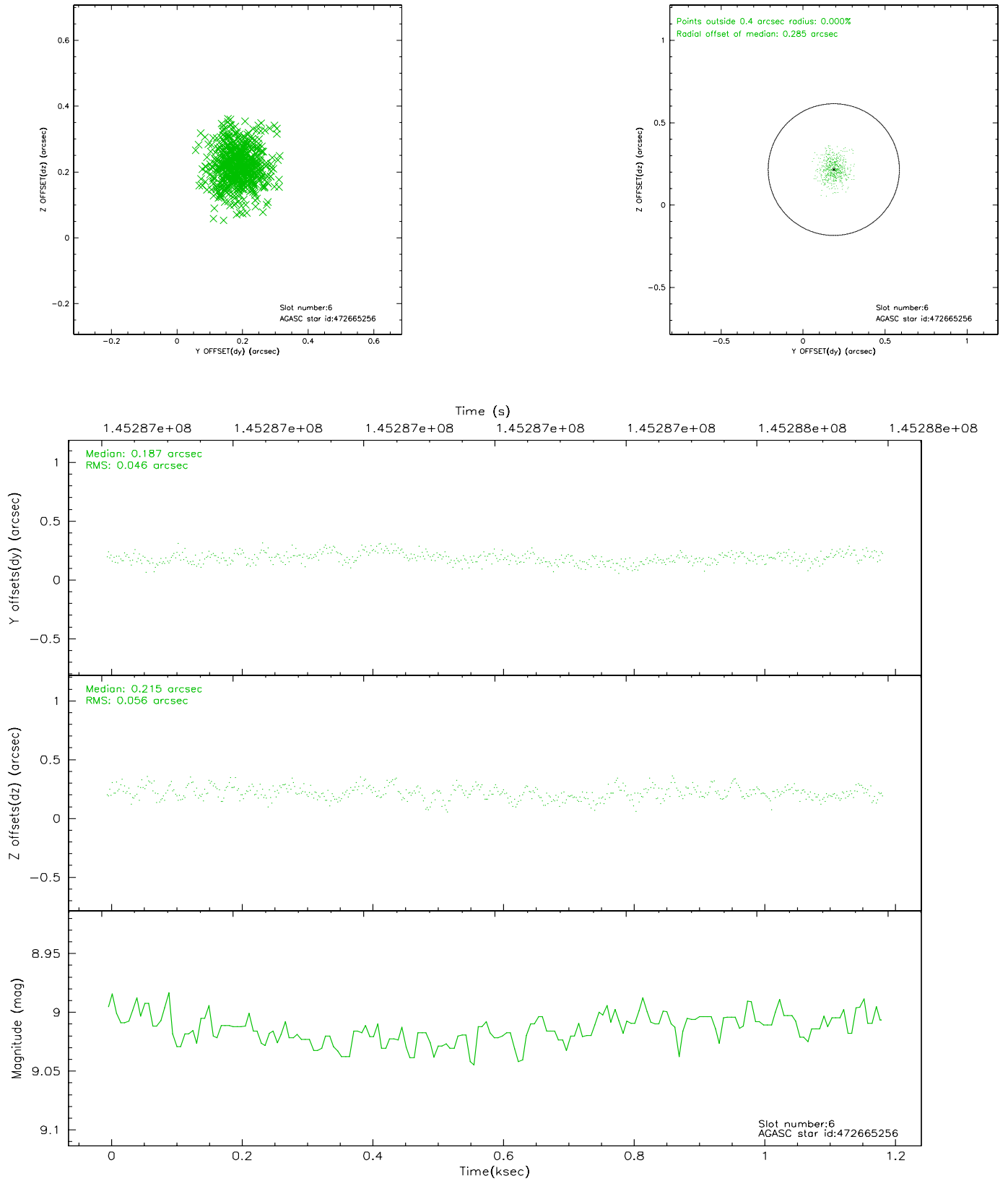
## 2.4.2 Slot 4



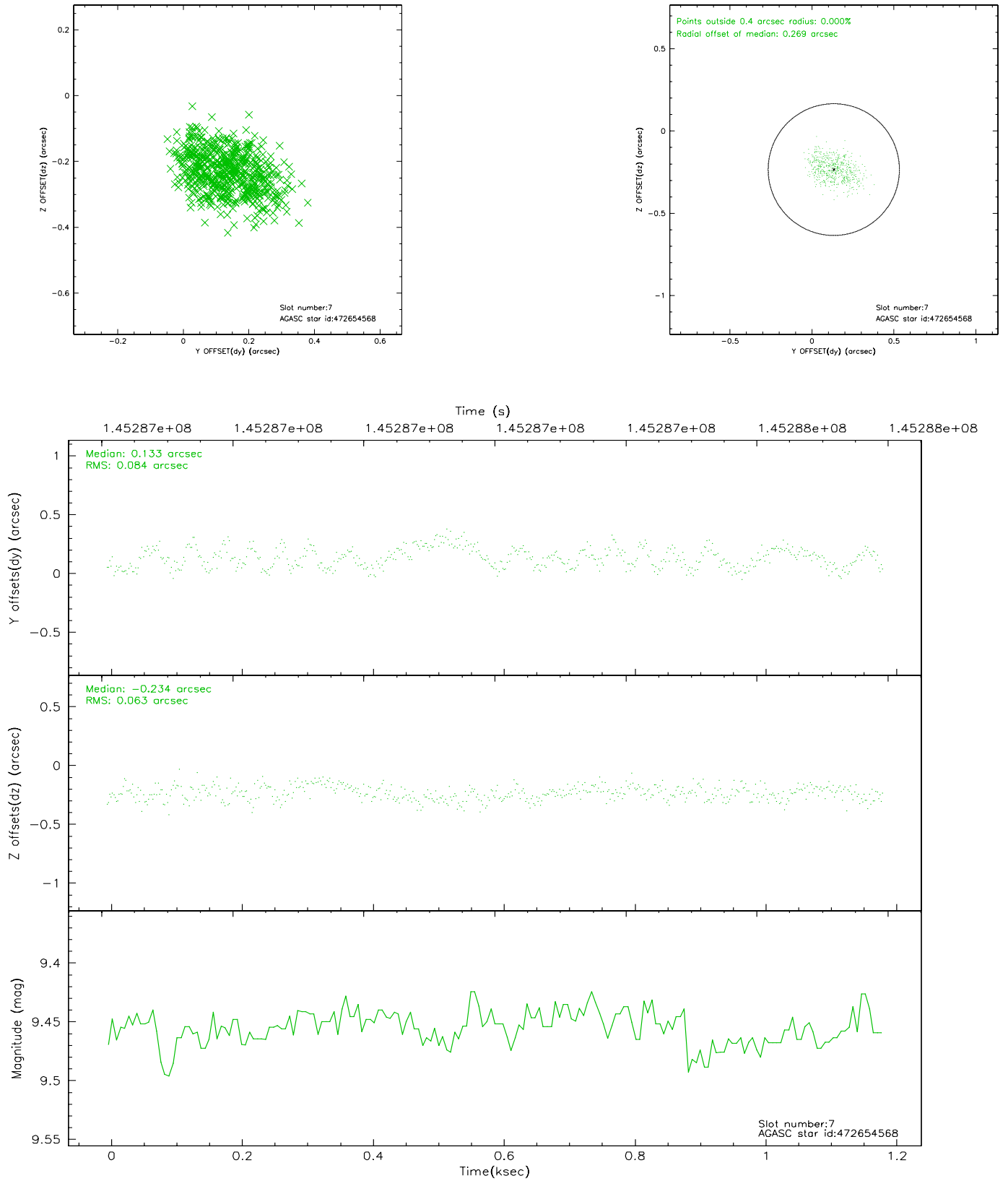
### 2.4.3 Slot 5



## 2.4.4 Slot 6

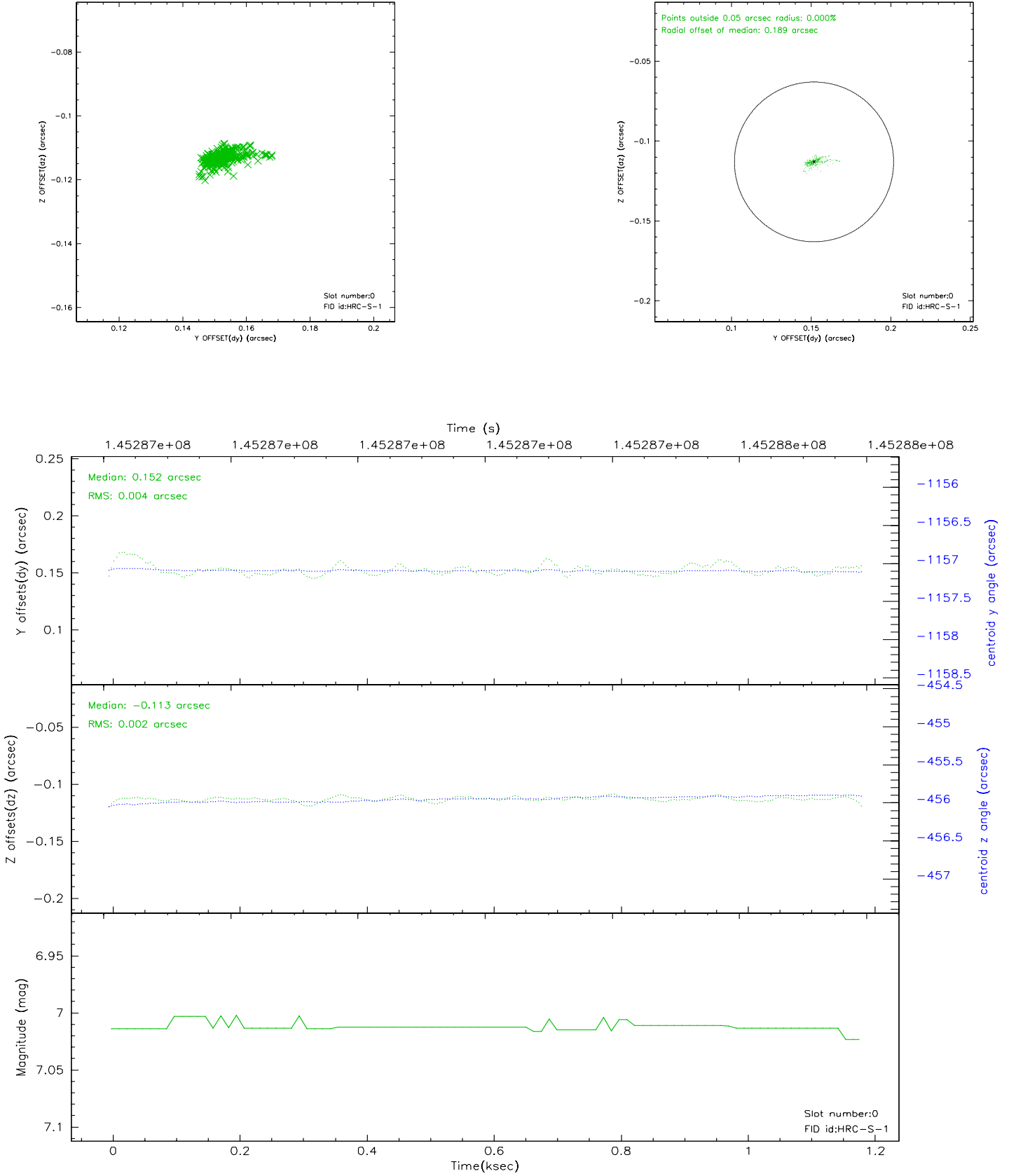


## 2.4.5 Slot 7

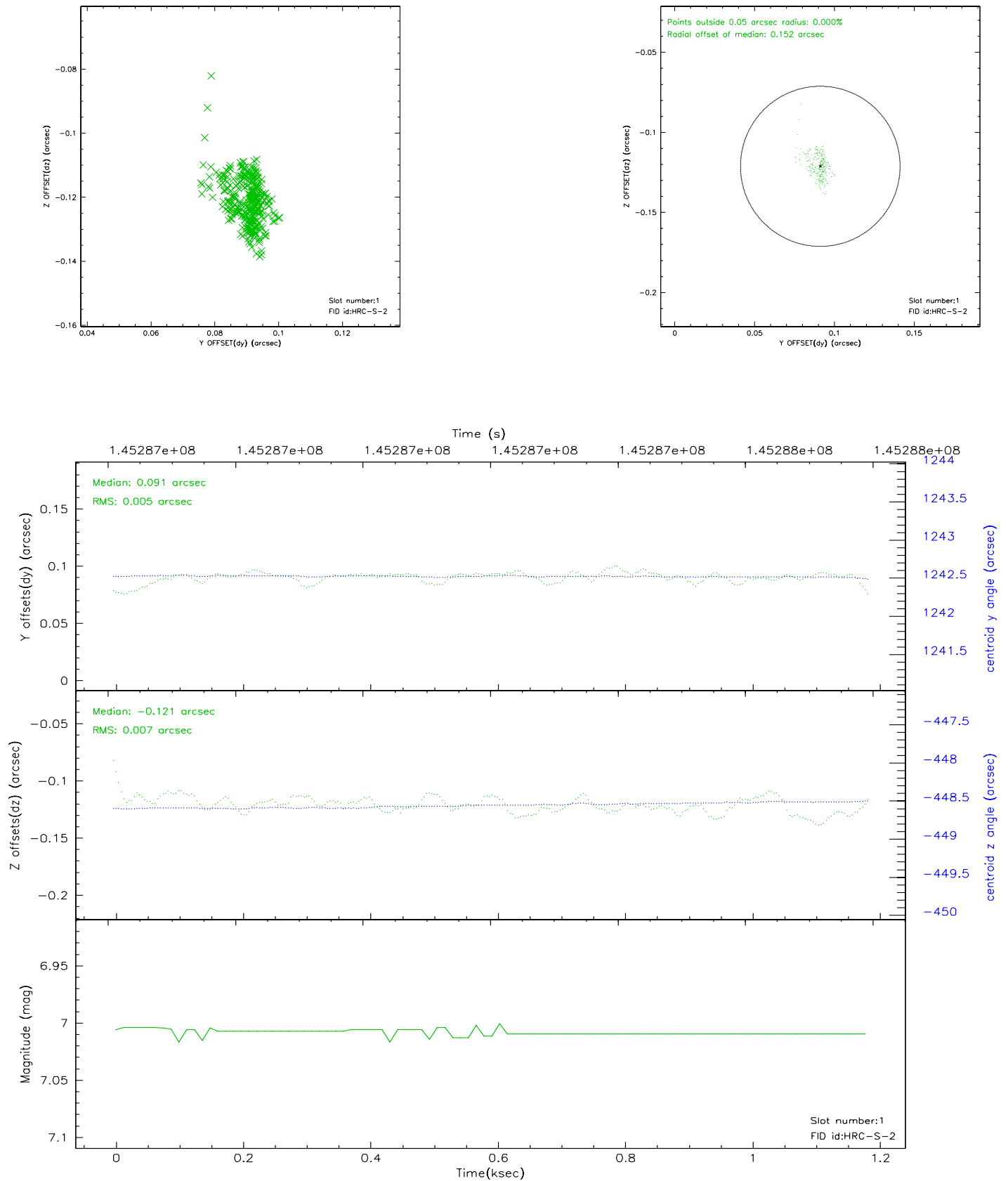


## 2.5 FID Slots

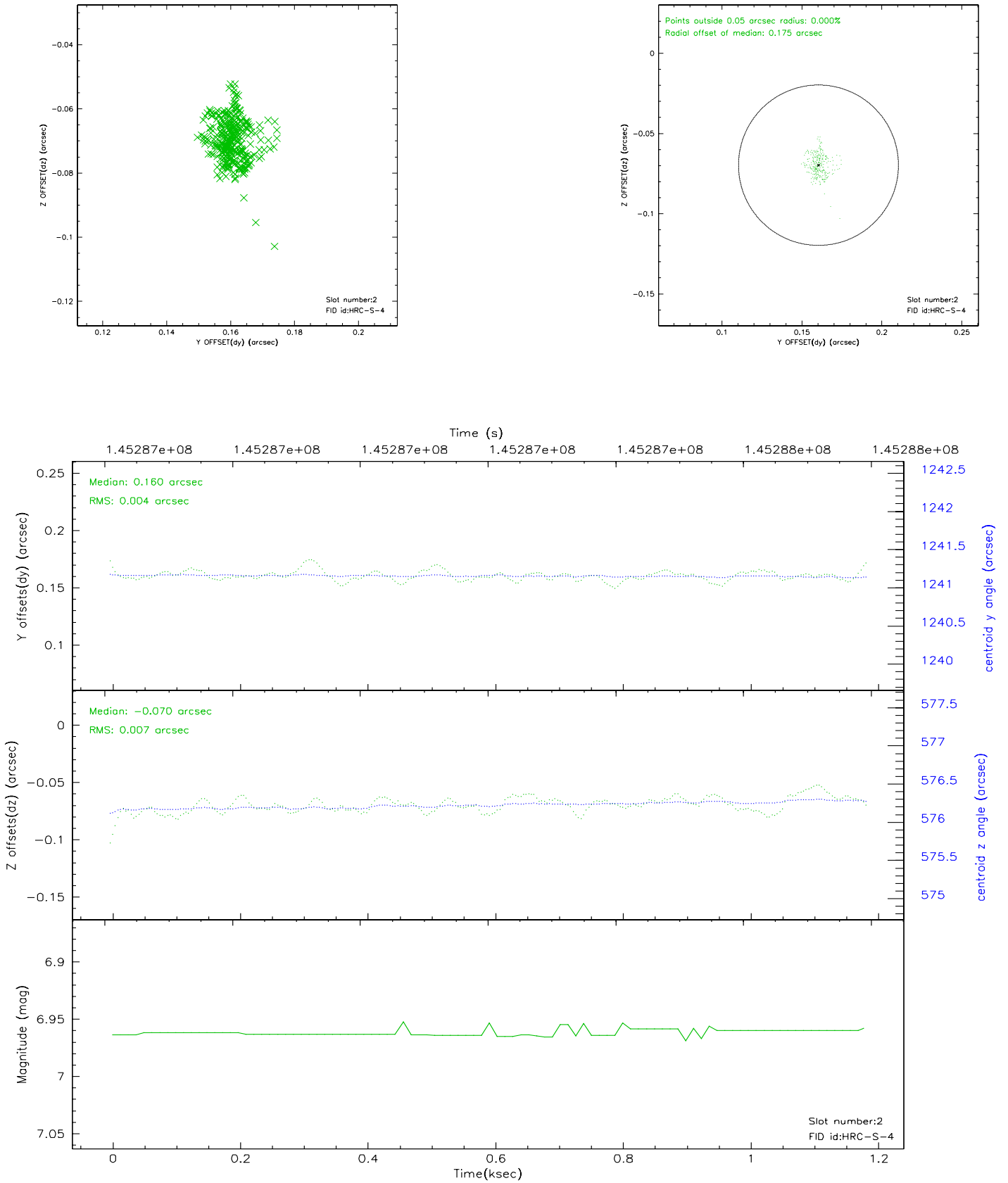
### 2.5.1 Slot 0



## 2.5.2 Slot 1

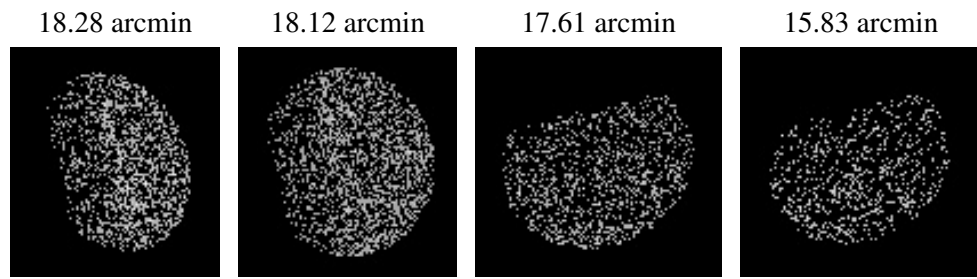


### 2.5.3 Slot 2





### 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	1.18

## A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.18 ks, although with the new processing the charge time would have been 1.14 ksec.

Monitor constraint met