

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6006 - L2 Version 002  
Chandra X-Ray Center

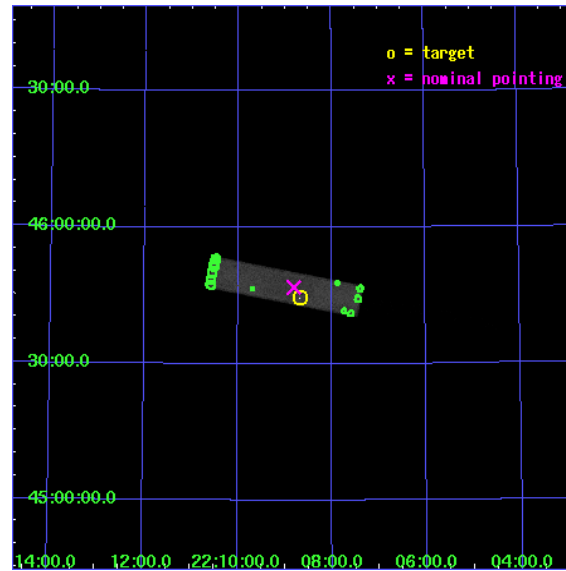
L2 Processing Date : Mar 23 2006

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# 1 Front

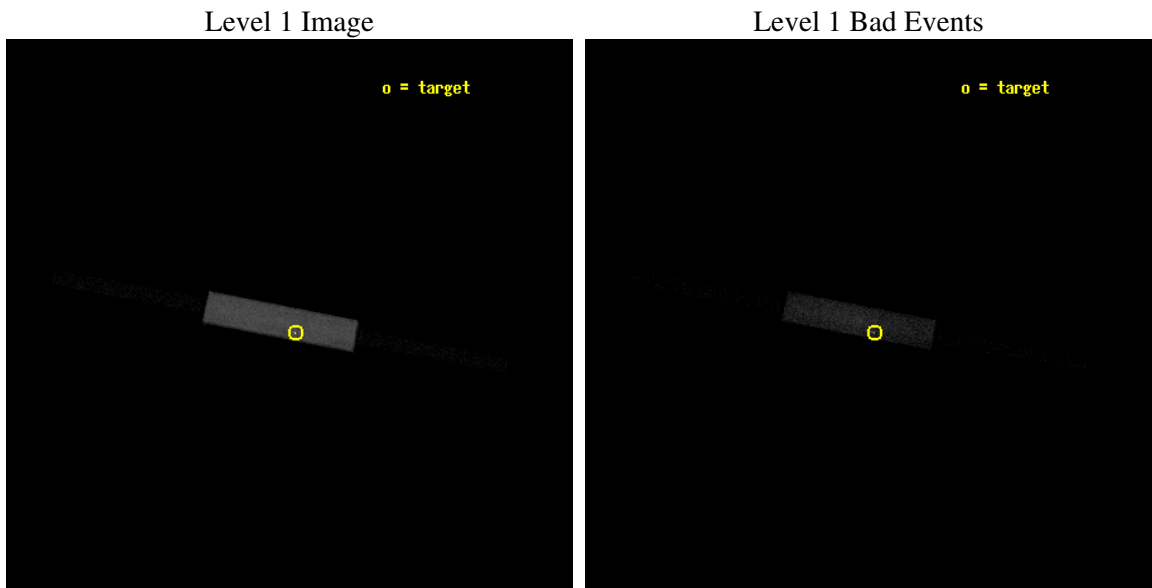
seq_num	290498
obs_id	6006
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20173287206
dec_nom	45.78073089837
roll_nom	190.95015485716
revision	2
ontime	1159.5313032866
livetime	1148.9029905443
l2events	69525



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-23T14:53:55
revision	2

sched_exp_time	1000.000000
ontime	1189.2563046217
l1events	120035

### 2.1.3 Events

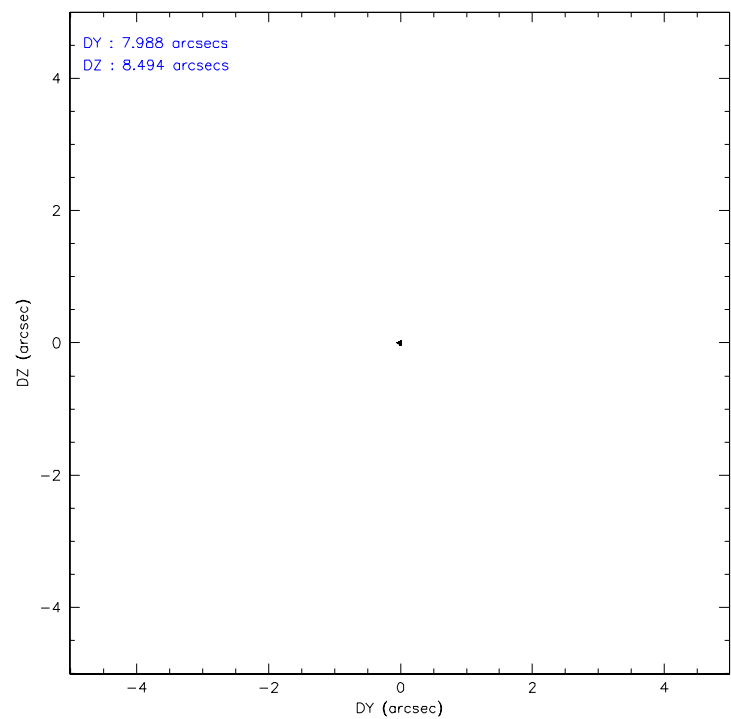
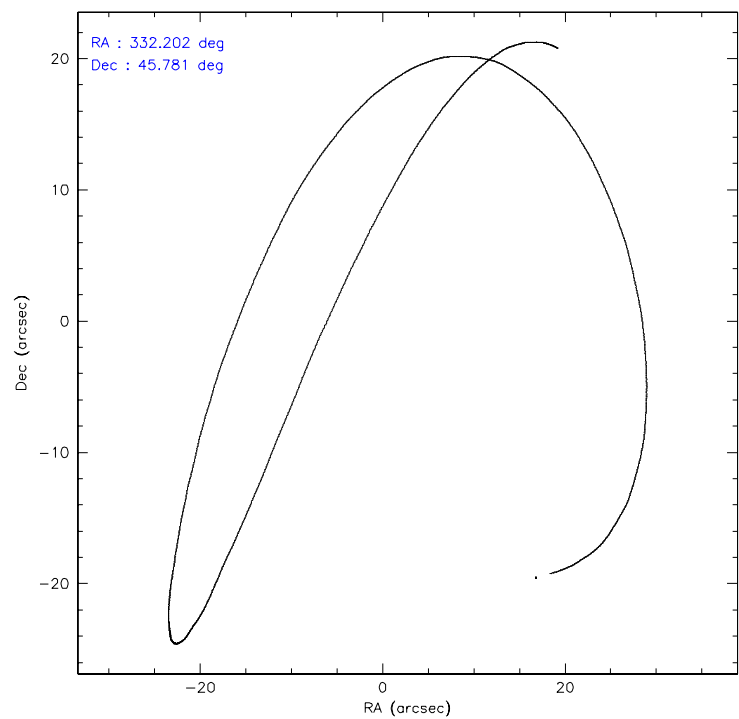
Level 1 Events

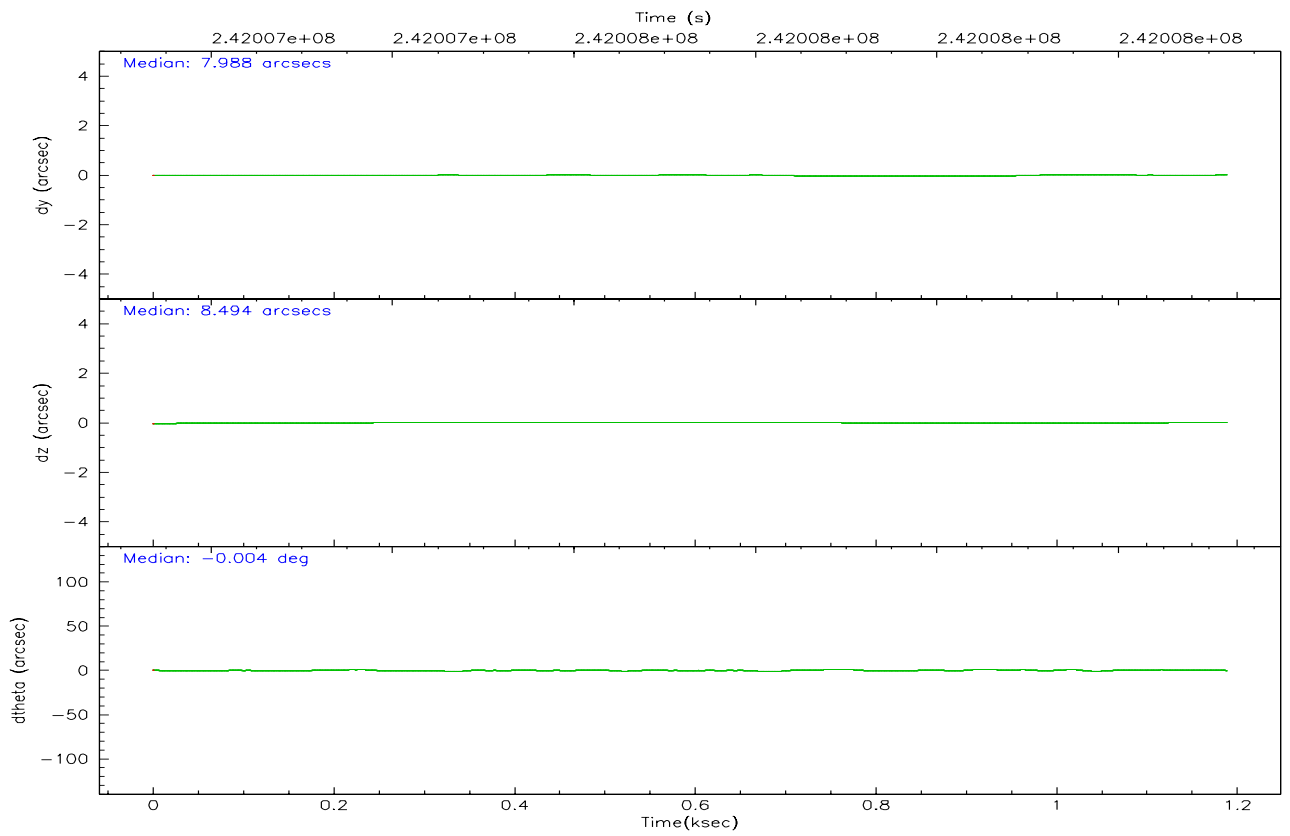
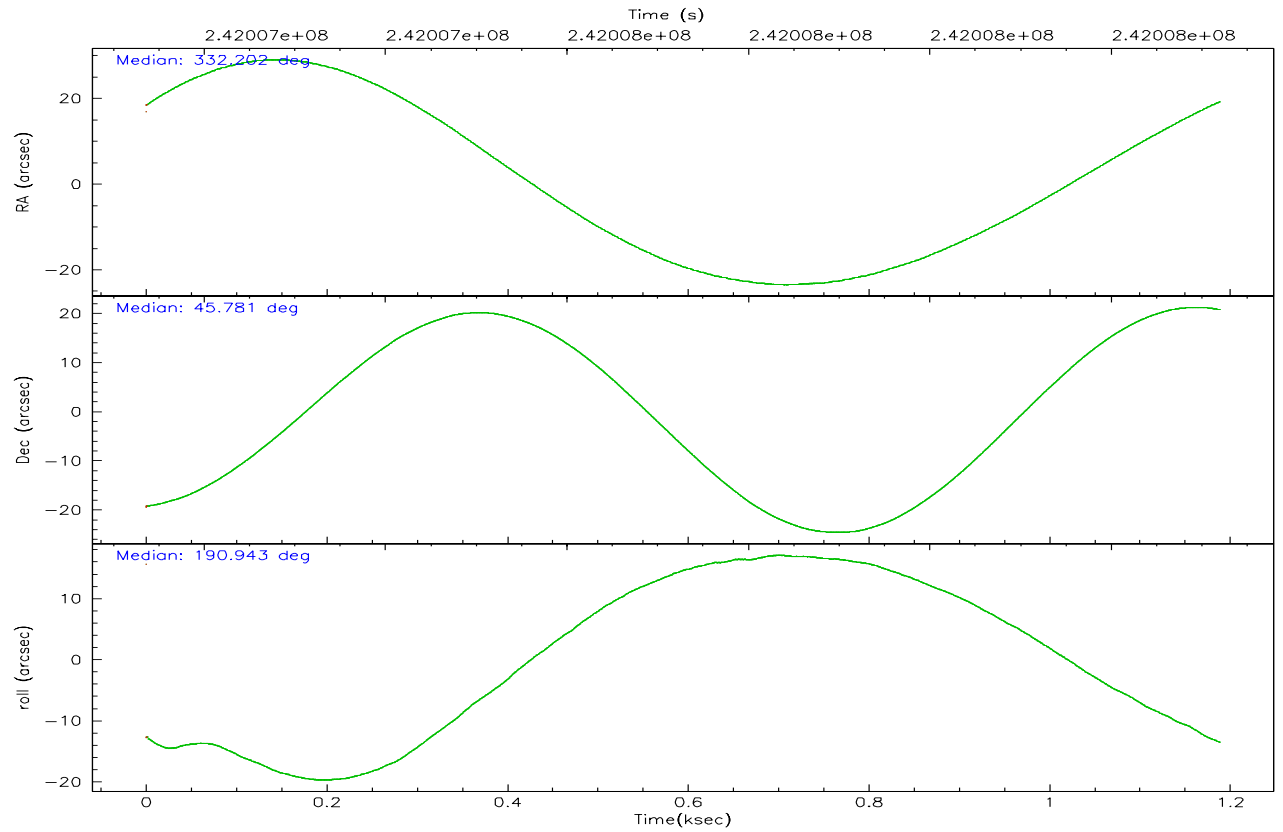
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1483	117229	1323
rejected events	1483	43811	1289
rejected %	100%	37%	97%

## 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	332.230879	332.2017328720596			
Pointing Dec	45.800373	45.78073089837001			
Pointing Roll	190.861919	190.9501548571631			
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	242007324.184000	242006948.27135			
Observation start date	2005-09-02T00:14:20	2005-09-02T00:09:08			
Observation end time	242008324.184000	242008458.60892			
Observation end date	2005-09-02T00:31:00	2005-09-02T00:34:18			

2.3 Aspect





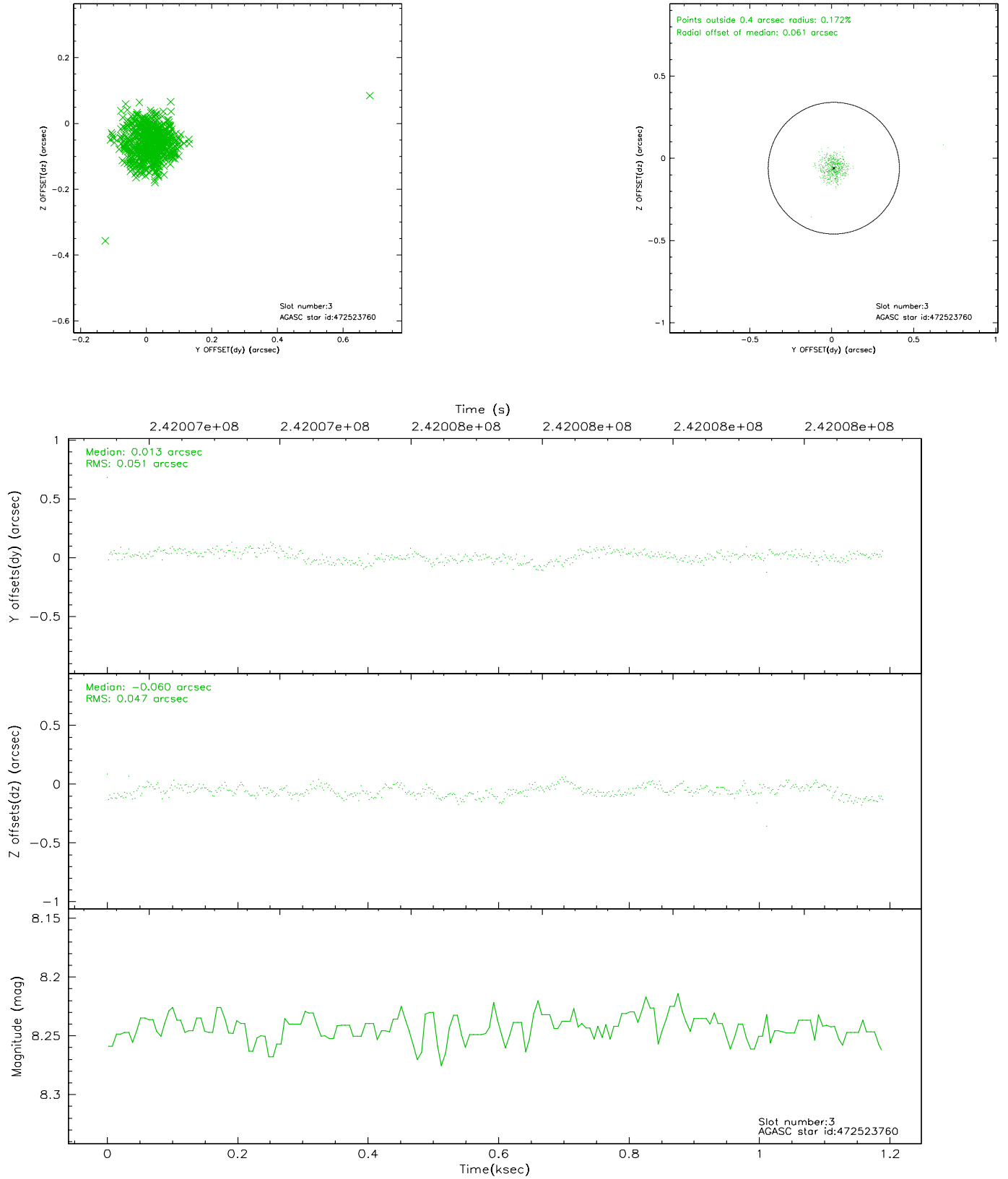
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	291	0.143	-0.155	0.008	0.011	0.000000	0.000000	-1162.14	-457.14
1	FID	HRC-S-2	7.03	291	0.157	-0.118	0.005	0.010	0.000000	0.000000	1233.56	-451.30
2	FID	HRC-S-3	7.04	290	0.090	-0.030	0.007	0.012	0.000000	0.000000	-1160.67	570.96
3	GUIDE	472523760	8.24	581	0.013	-0.060	0.068	0.101	331.645363	45.403260	1723.25	1120.47
4	GUIDE	472533912	9.16	581	-0.017	0.016	0.101	0.164	331.791136	46.368695	691.43	-2215.63
5	GUIDE	472535576	7.86	581	-0.143	0.088	0.062	0.100	331.438373	46.291802	1603.71	-2121.67
6	GUIDE	472665256	9.00	581	0.185	0.012	0.096	0.344	332.808125	46.195041	-1676.83	-1132.85
7	GUIDE	472527720	7.00	580	-0.057	-0.018	0.065	0.125	331.460205	45.112509	2386.10	2052.60

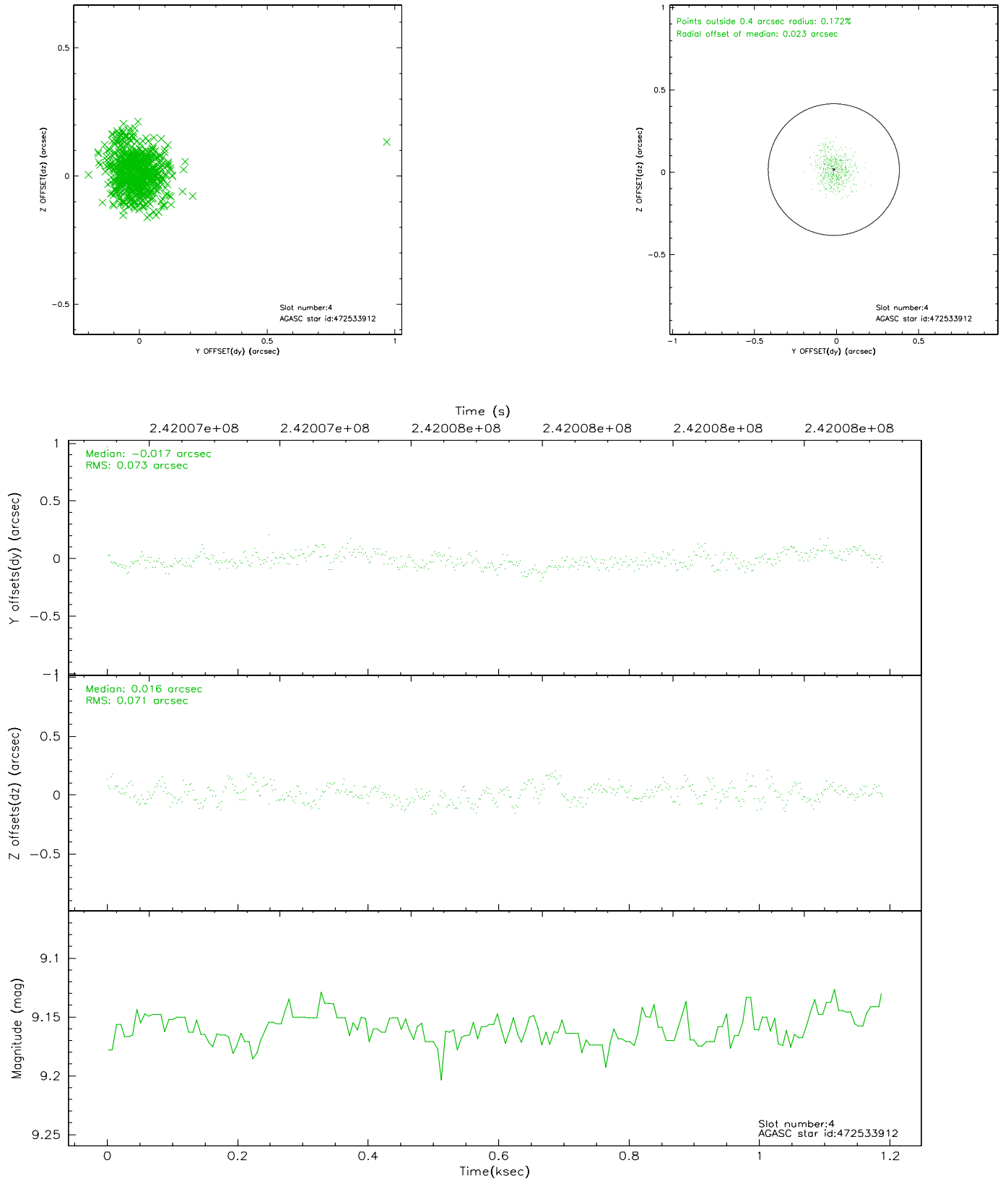


## 2.4 Star Slots

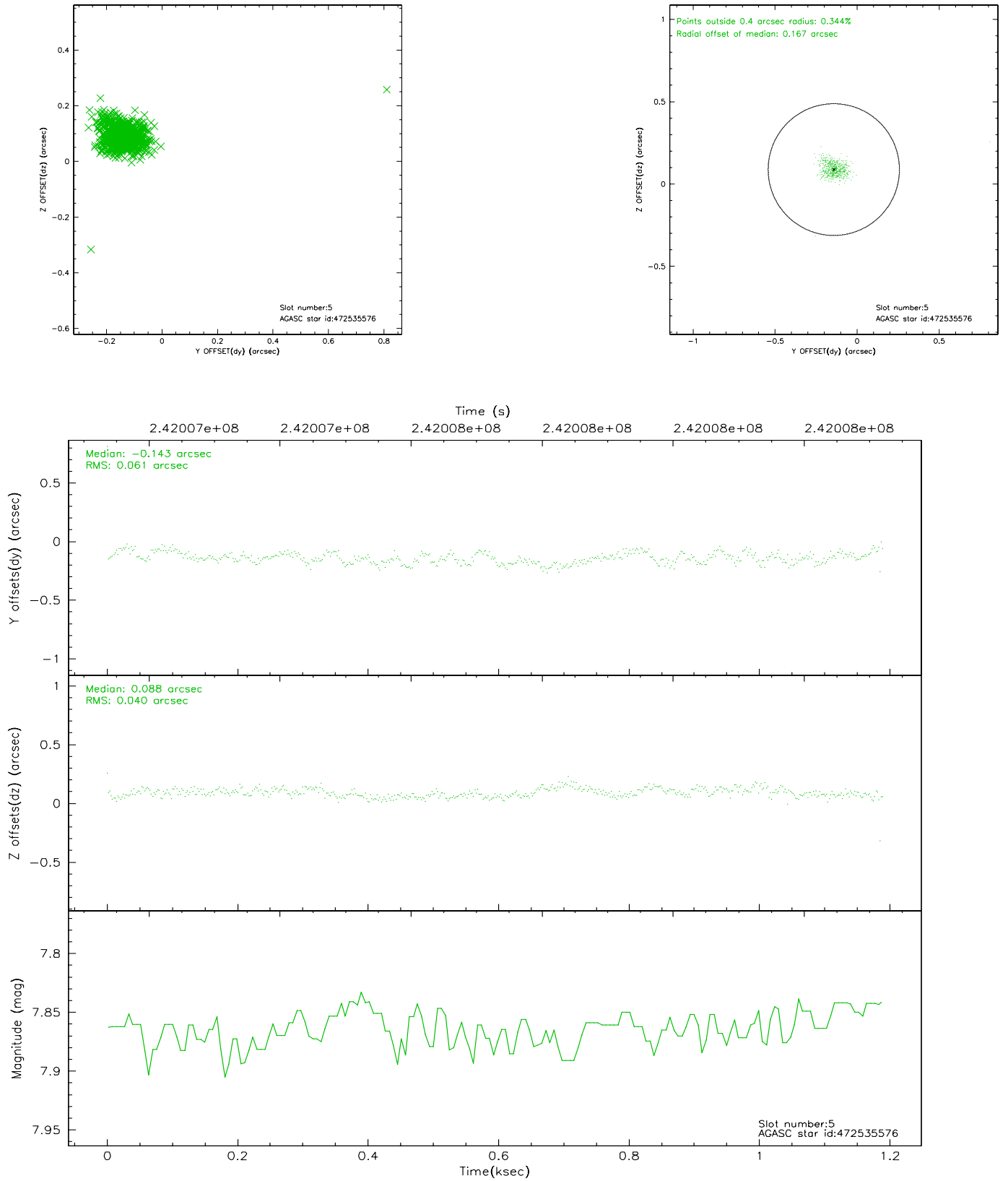
### 2.4.1 Slot 3



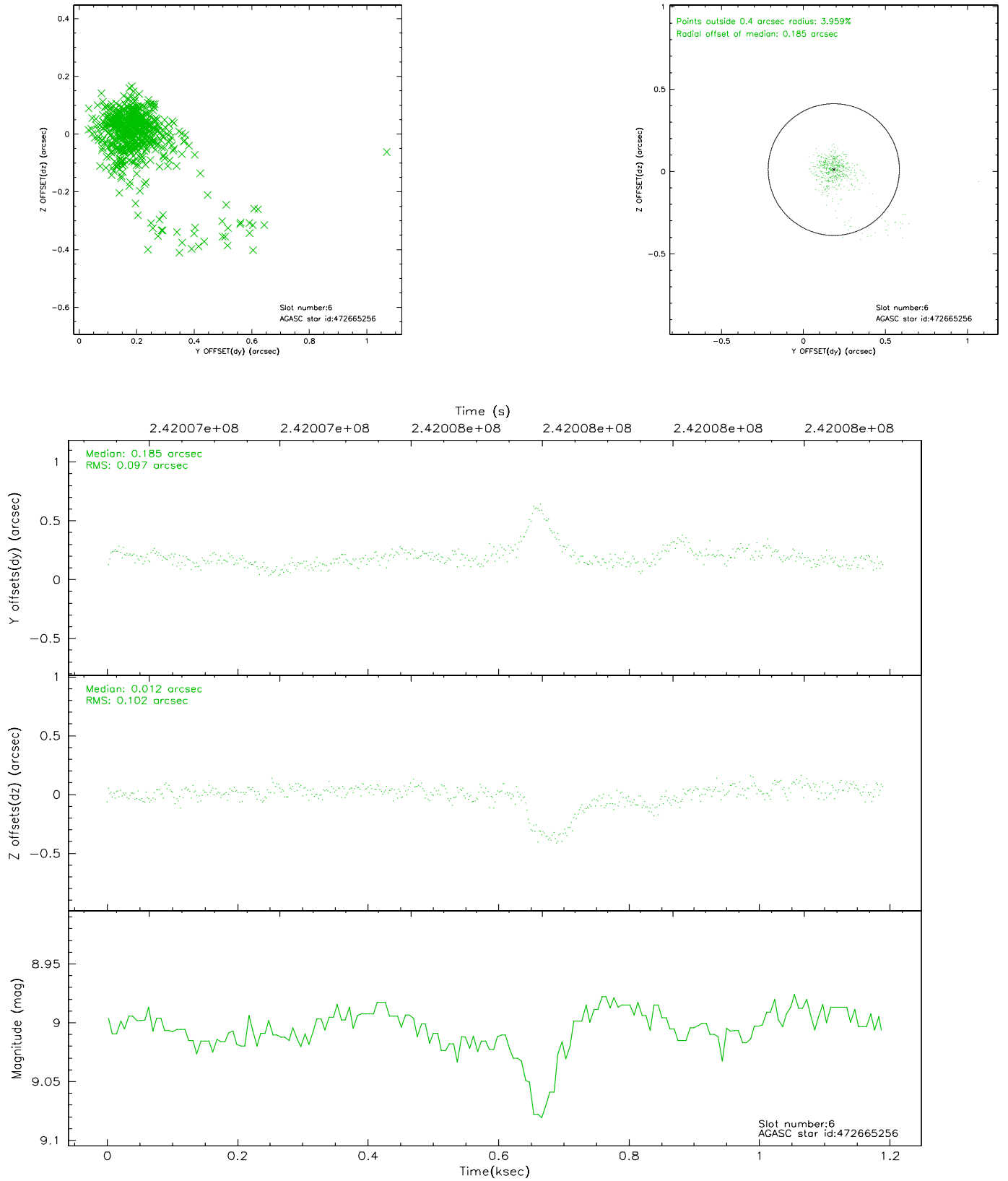
## 2.4.2 Slot 4



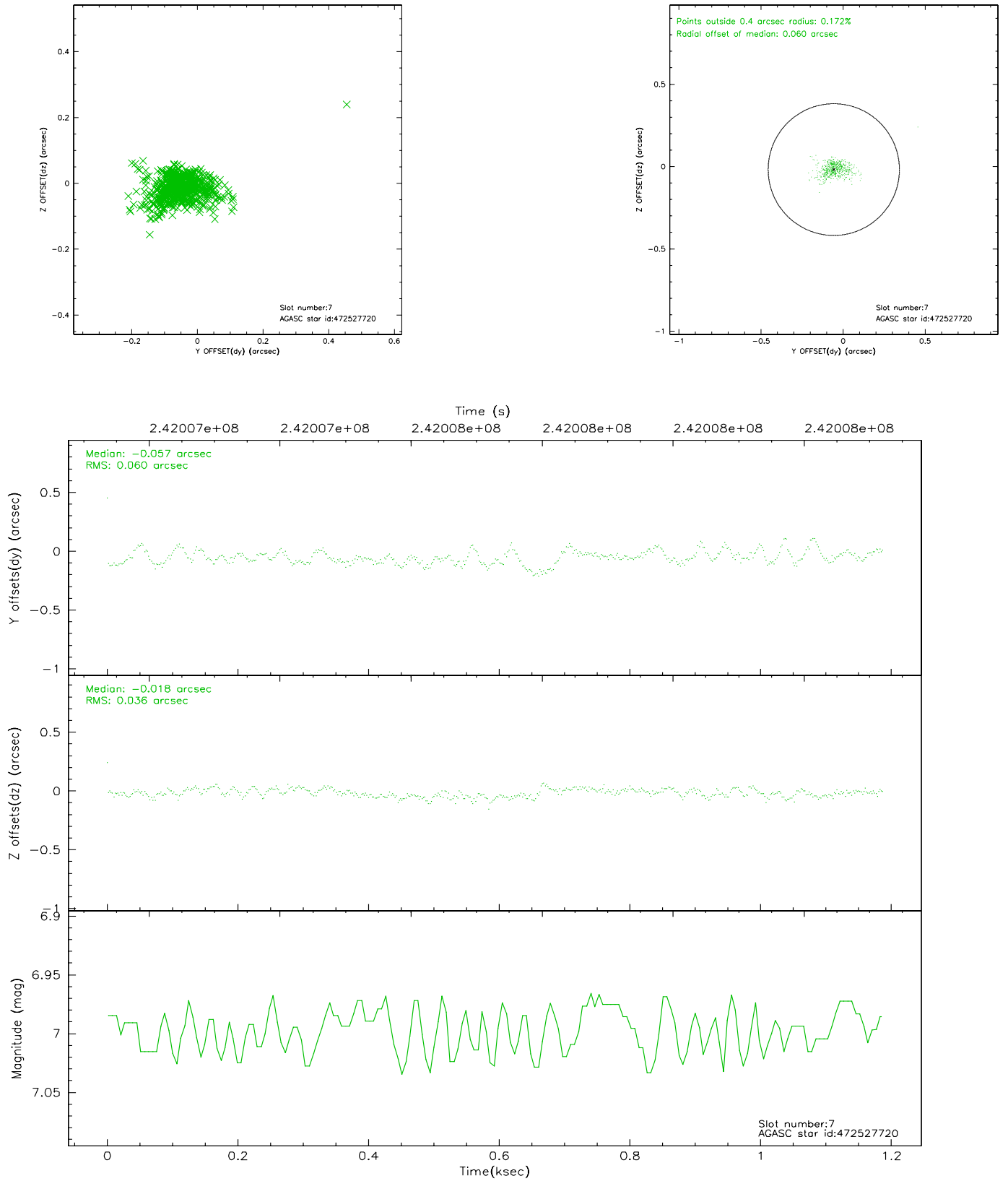
### 2.4.3 Slot 5



## 2.4.4 Slot 6

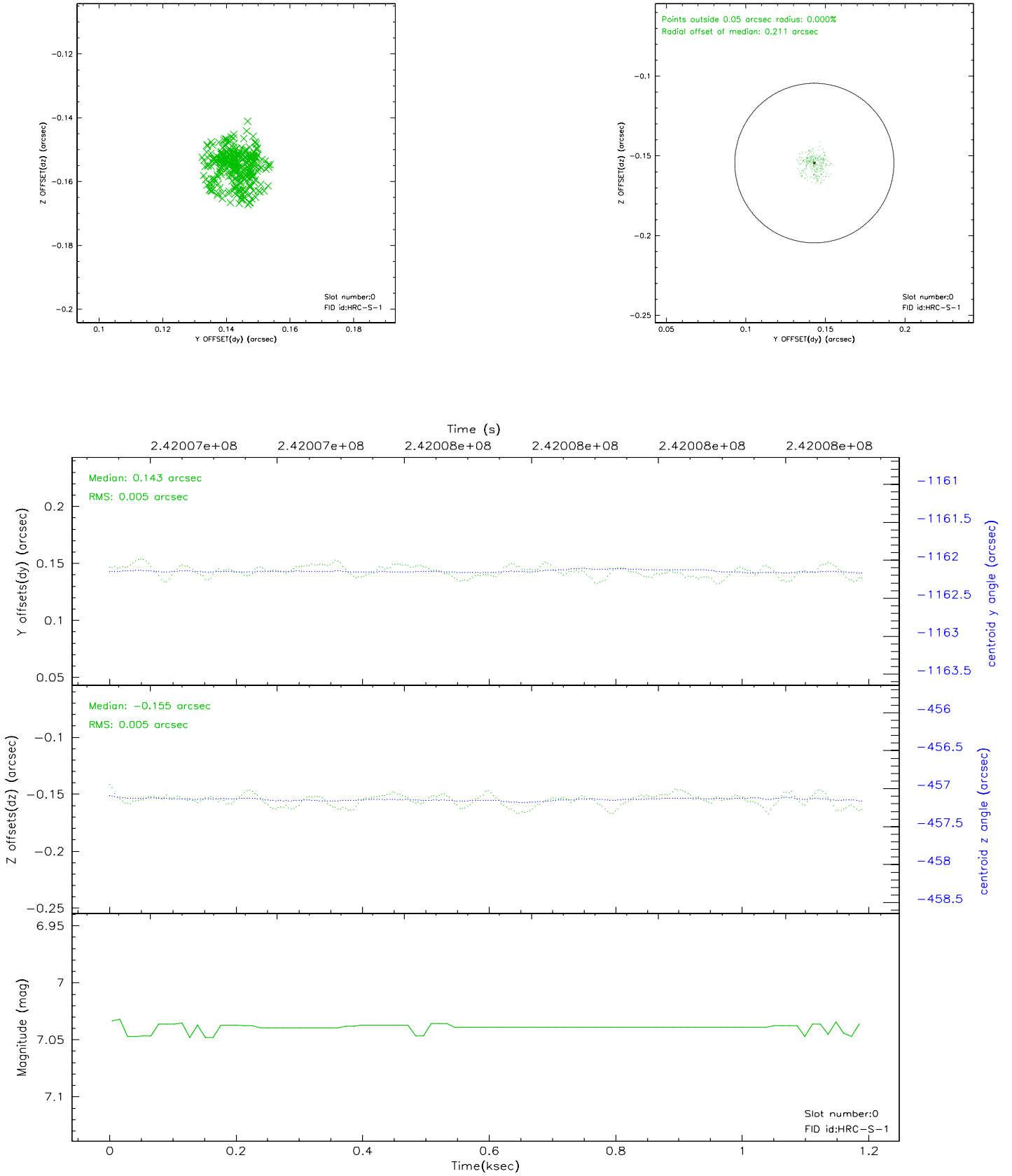


## 2.4.5 Slot 7

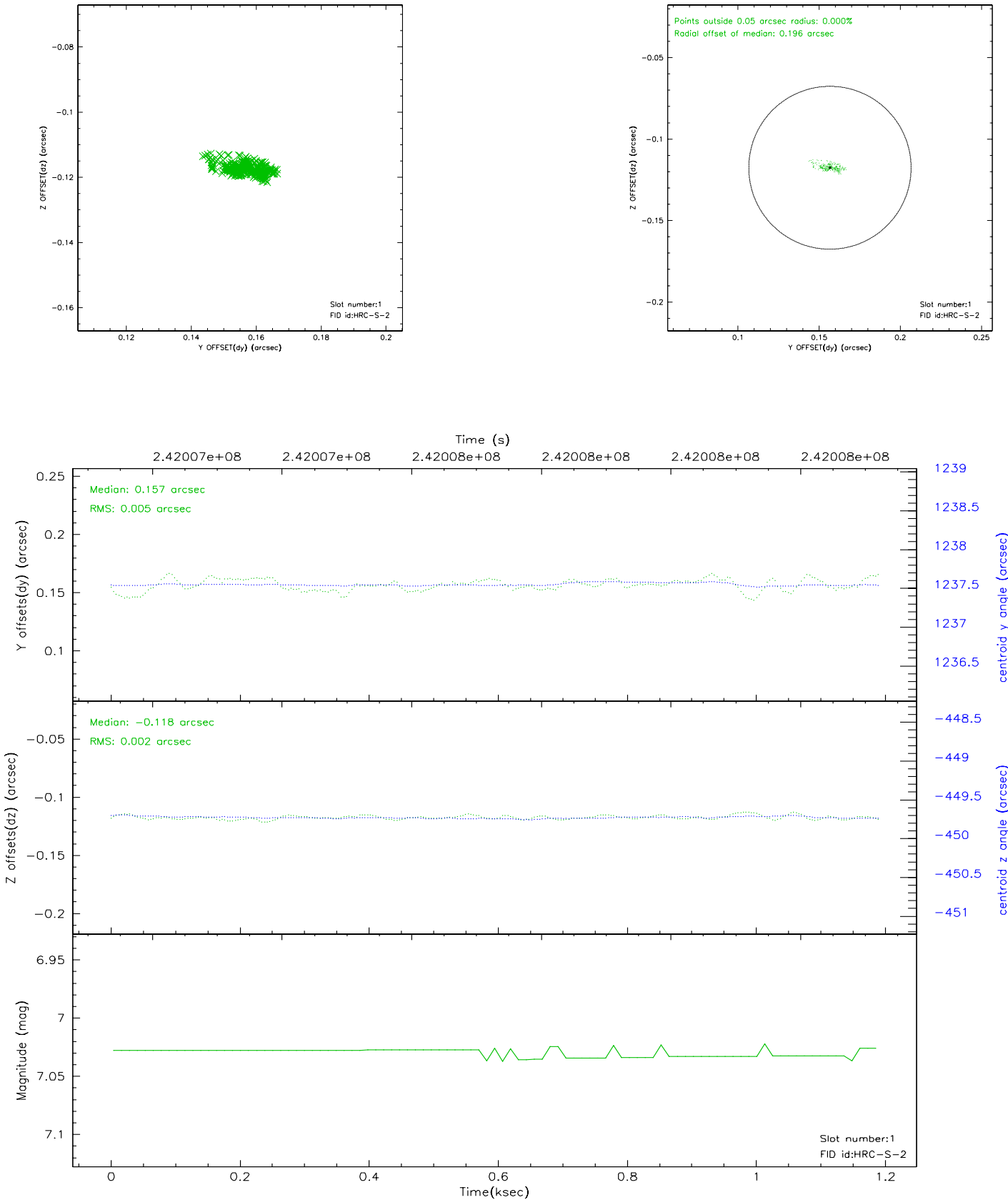


## 2.5 FID Slots

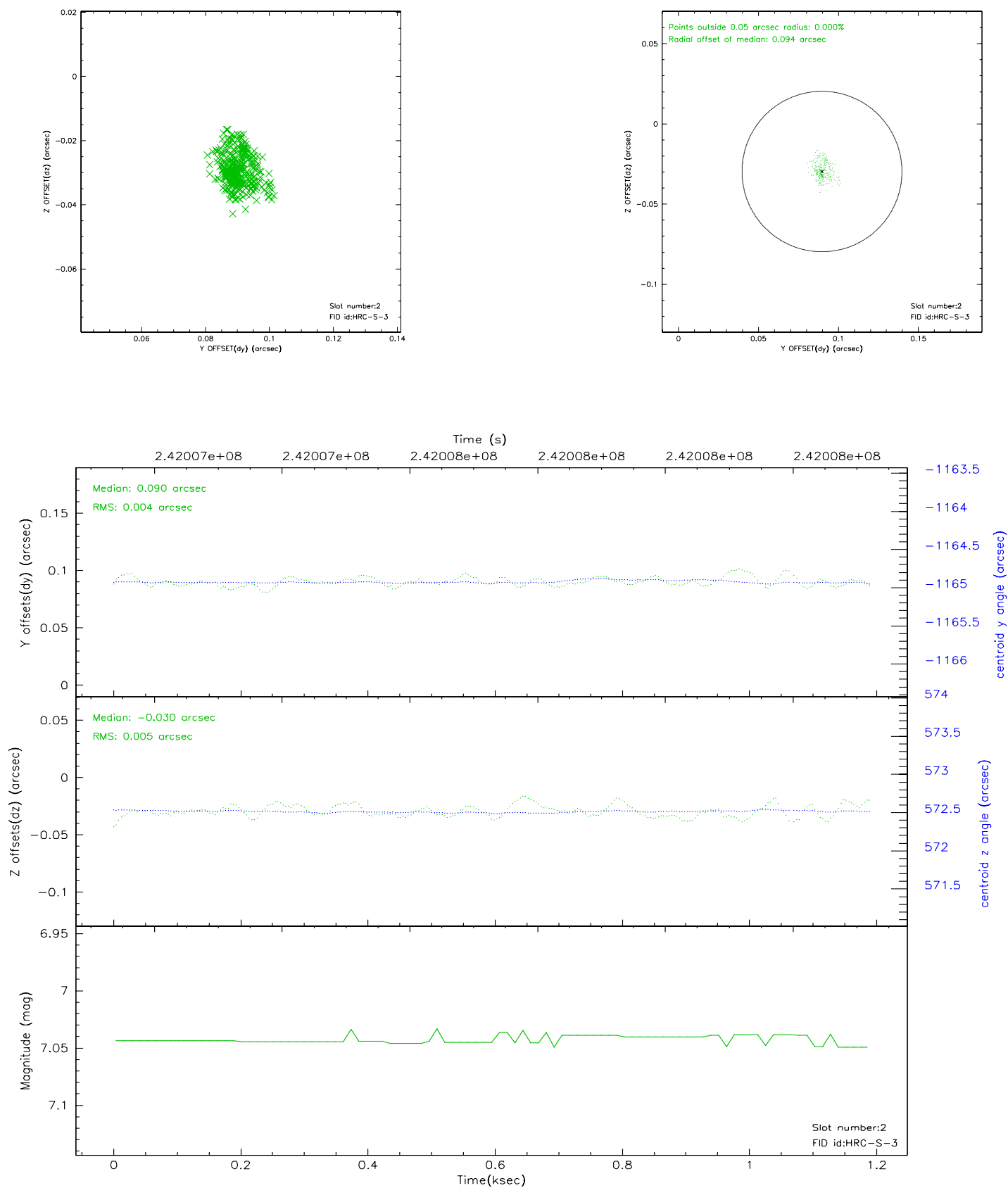
### 2.5.1 Slot 0



2.5.2 Slot 1

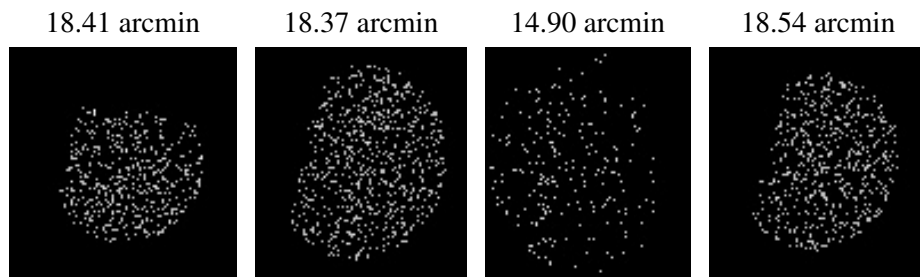


## 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.159531

### A.2 Comments