

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3124 - L2 Version 001  
Chandra X-Ray Center

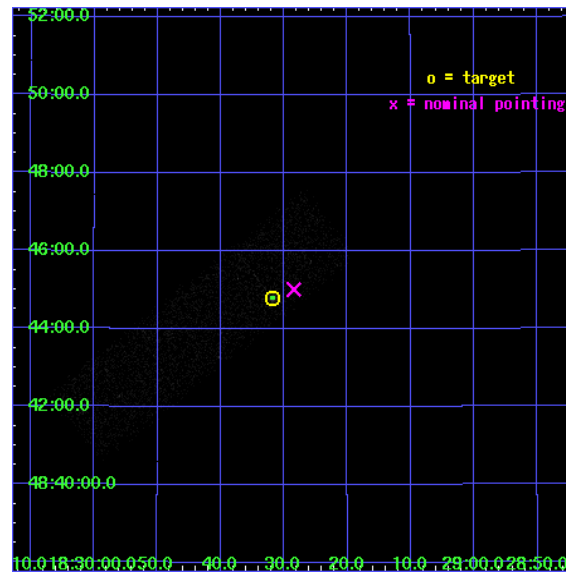
L2 Processing Date : Sep 16 2006

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# 1 Front

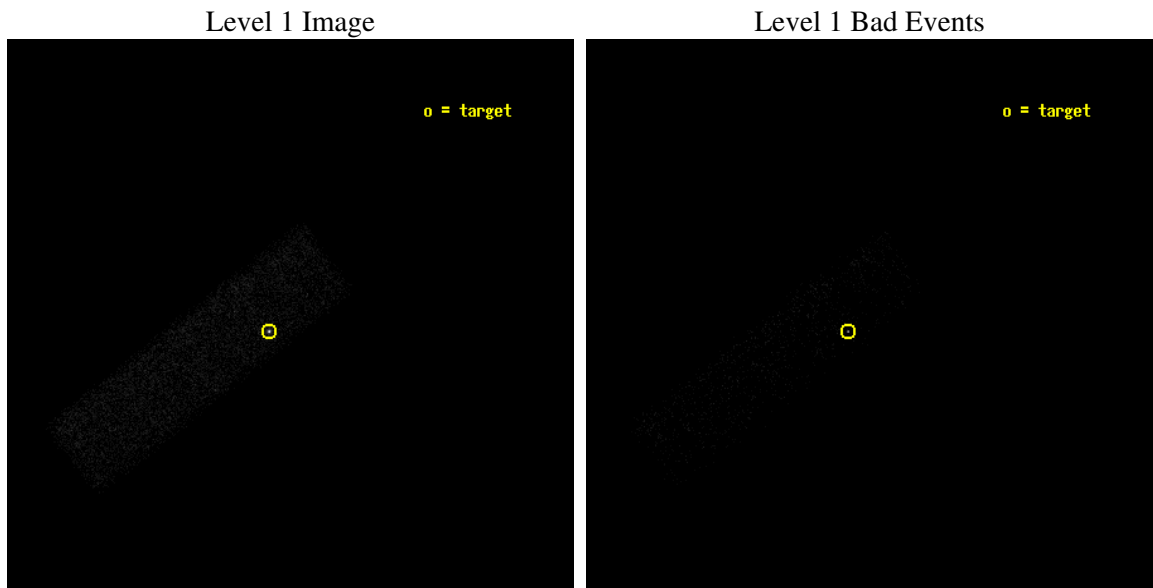
seq_num	700563
obs_id	3124
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS
observer	Dr. Herman Marshall
object	1828+487
dtcycle	0
cycle	P
ra_targ	277.3825
dec_targ	48.746278
ra_nom	277.36861318622
dec_nom	48.750008777875
roll_nom	141.78079222922
revision	2
ontime	5602.4000834823
livetime	5329.0212912416
ontime7	5602.4000834823
l2events	7545



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-16T17:27:45
revision	2

sched_exp_time	5000.000000
ontime	5830.8630380332
ontime7	5830.8630380332
l1events	14964

### 2.1.4 Events

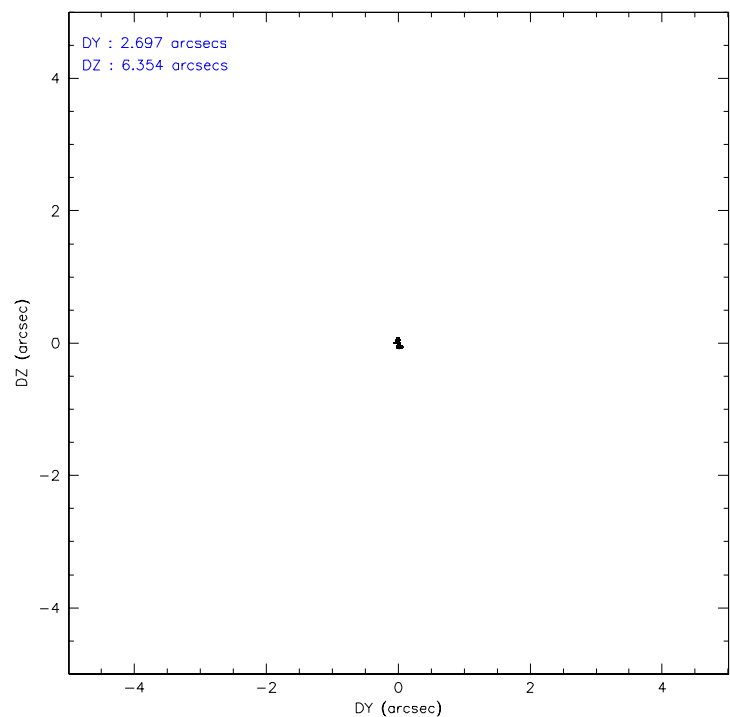
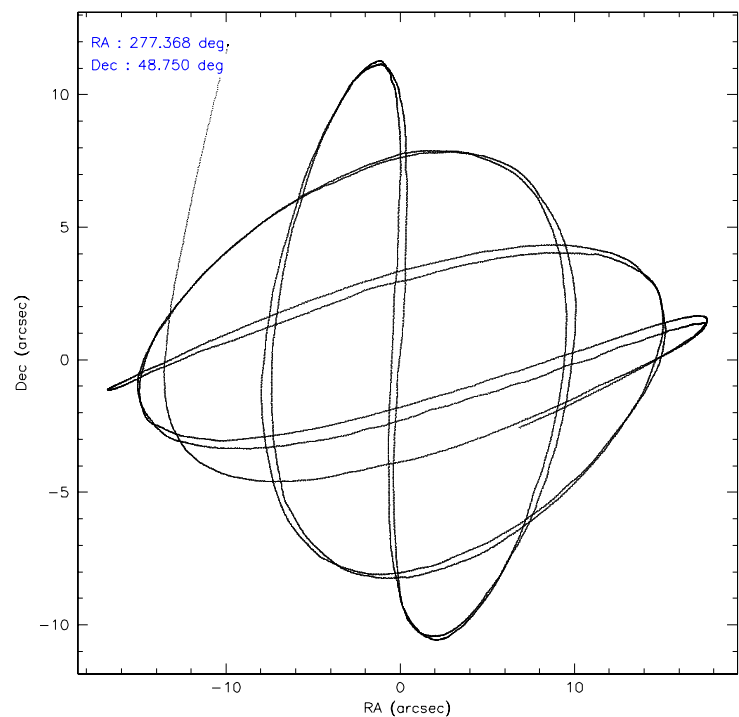
	<b>ccd 7</b>
level 1 events	14964
rejected events	7277
rejected %	48%

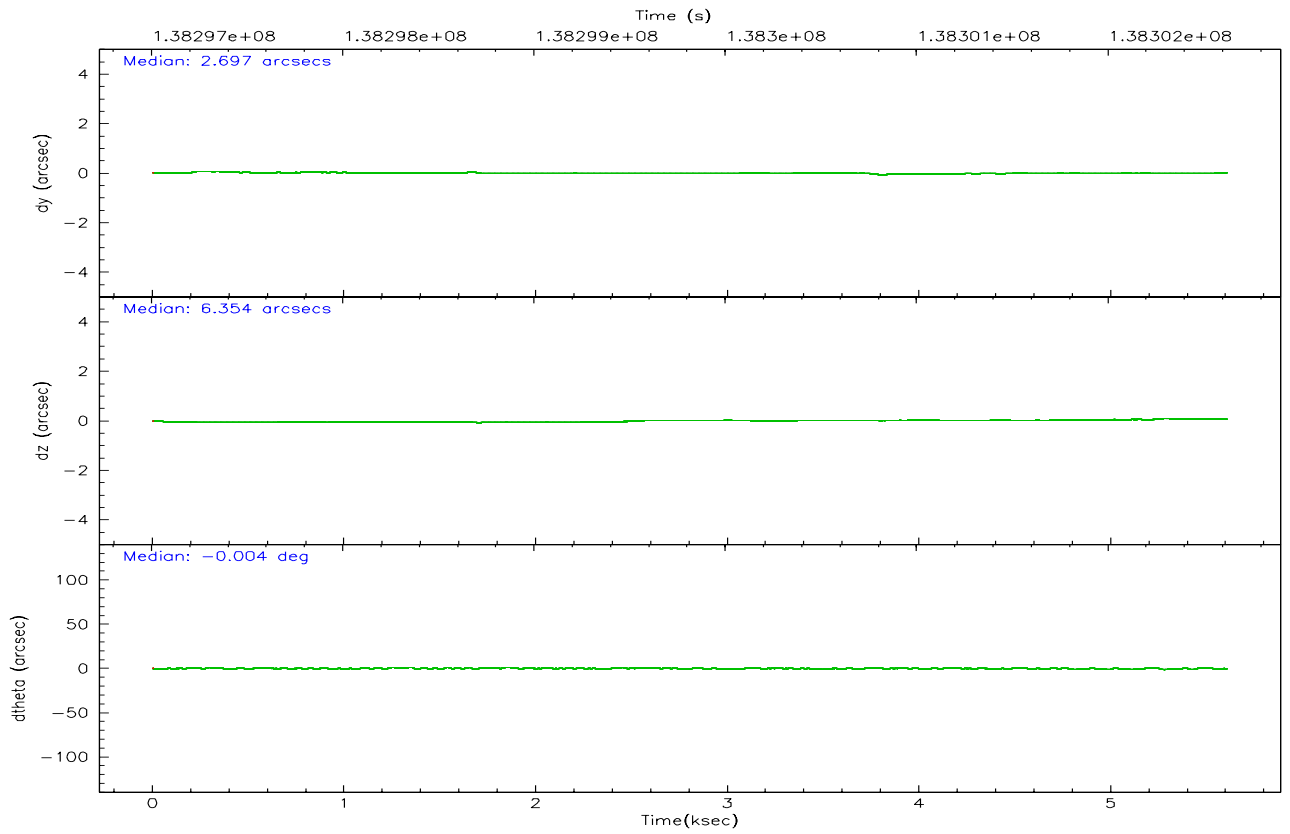
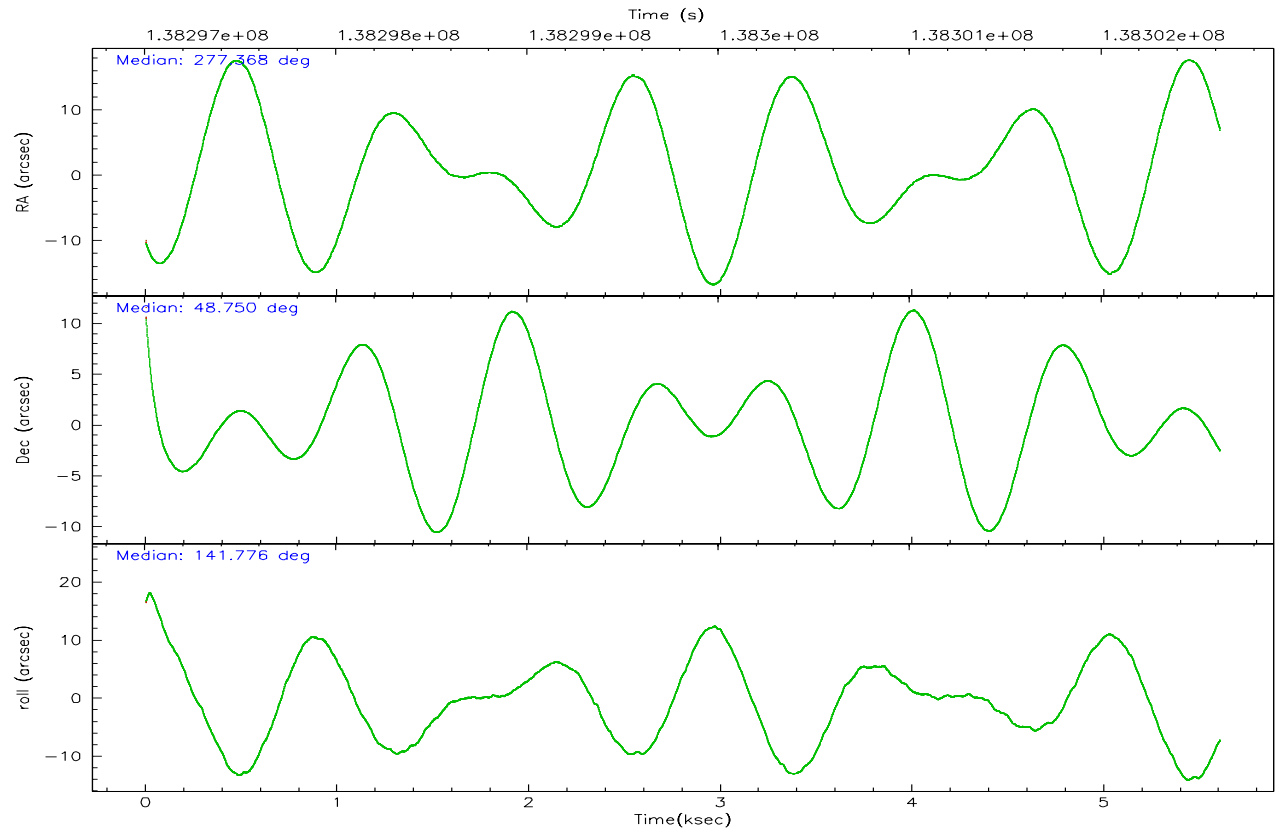
	<b>ccd 7</b>
grade 0 events	1053
	7%
grade 1 events	37
	0%
grade 2 events	1758
	11%
grade 3 events	811
	5%
grade 4 events	834
	5%
grade 5 events	1007
	6%
grade 6 events	3510
	23%
grade 7 events	5954
	39%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	277.409512	277.3686131862209	Subarray requested	CUSTOM	1/4
Pointing Dec	48.746482	48.75000877787548	Subarray start row	1	1
Pointing Roll	141.593390	141.7807922292164	Subarray row count	256	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-178.632523	-178.6370735452349			
SIM translation stage offset (mm)	-11.5	-11.49544903777291			
Observation start time	138297616.184000	138296447.4629			
Observation start date	2002-05-20T15:59:12	2002-05-20T15:40:47			
Observation end time	138302616.184000	138303024.88816			
Observation end date	2002-05-20T17:22:32	2002-05-20T17:30:24			
Read mode	TIMED	TIMED			

## 2.3 Aspect



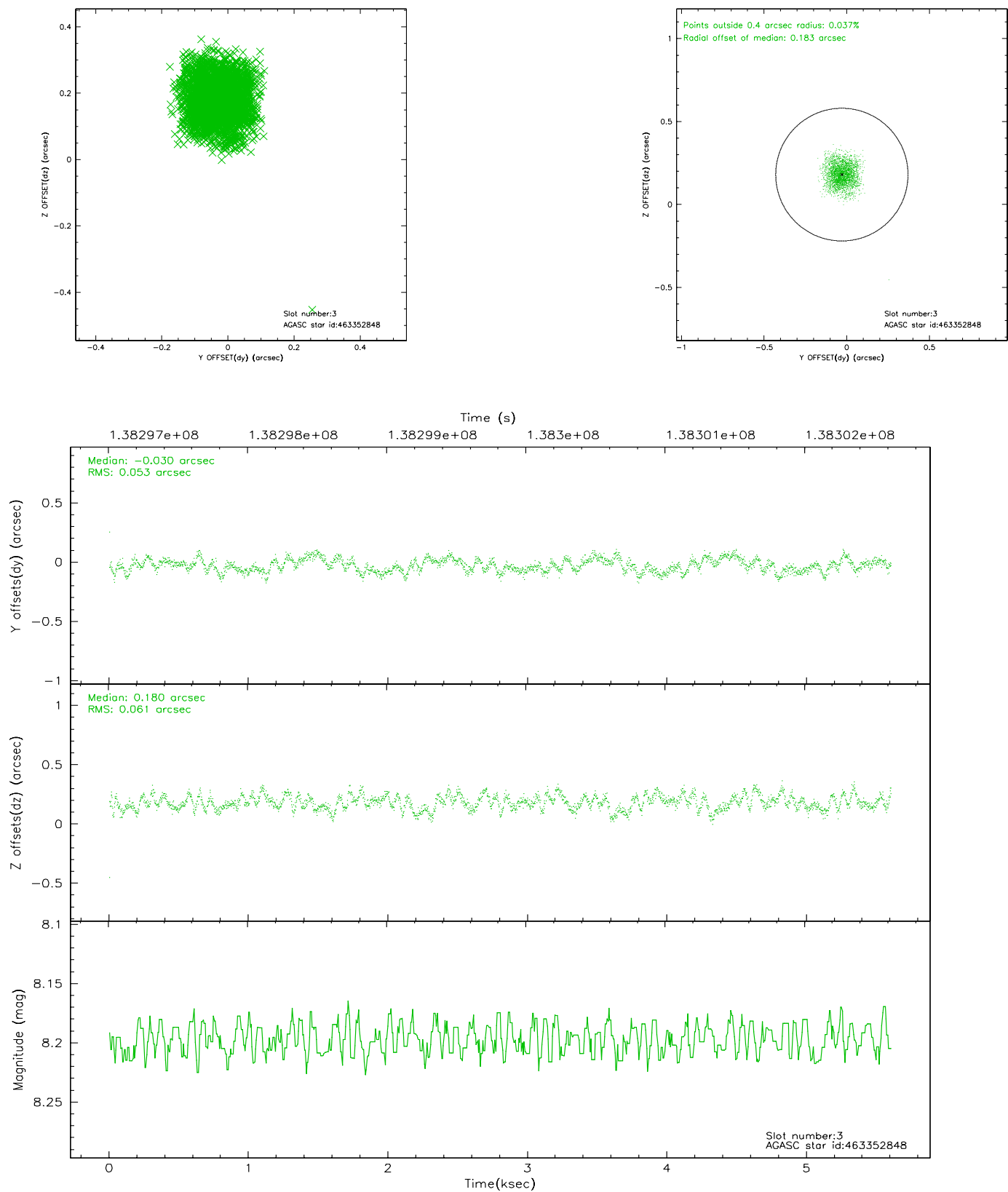


### Slot Statistics

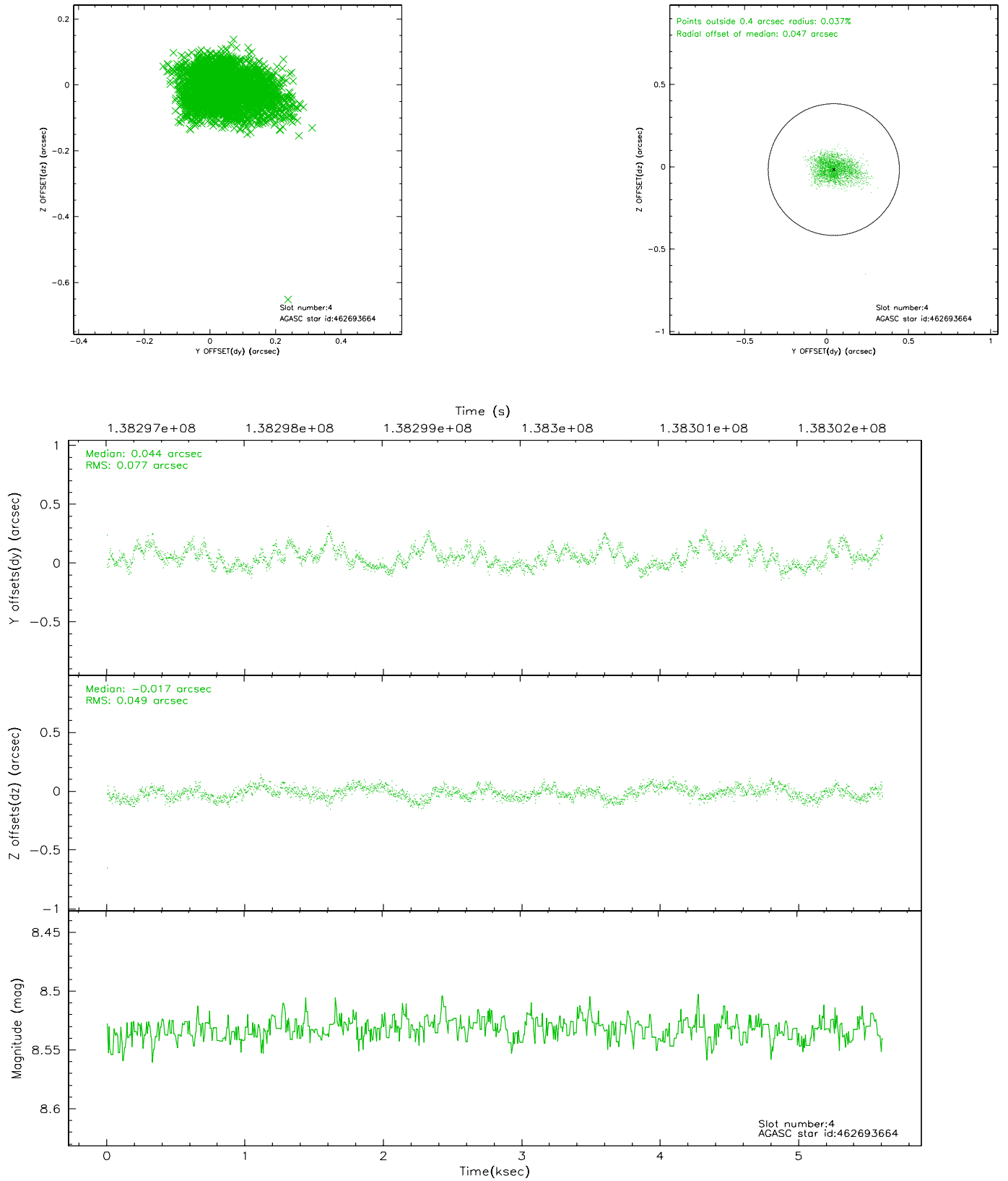
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1368	-0.045	-0.301	0.007	0.011	0.000000	0.000000	-754.53	-1964.43
1	FID	ACIS-S-4	7.17	1368	-0.039	0.102	0.005	0.010	0.000000	0.000000	2158.28	-56.85
2	FID	ACIS-S-5	7.22	1368	0.053	0.206	0.006	0.011	0.000000	0.000000	-1805.89	-61.85
3	GUIDE	463352848	8.20	2735	-0.030	0.180	0.086	0.134	278.455993	49.051196	-1242.87	-2405.96
4	GUIDE	462693664	8.53	2735	0.044	-0.017	0.096	0.158	277.641210	48.297994	-1438.16	919.44
5	GUIDE	462704928	8.83	2734	0.079	-0.040	0.081	0.130	277.899657	48.209406	-2121.09	782.40
6	GUIDE	462689648	8.97	2734	0.039	-0.111	0.237	0.329	277.542195	48.604659	-565.57	204.40
7	GUIDE	462686016	9.17	2732	-0.122	-0.012	0.109	0.177	276.656953	48.488491	834.89	1837.13

## 2.4 Star Slots

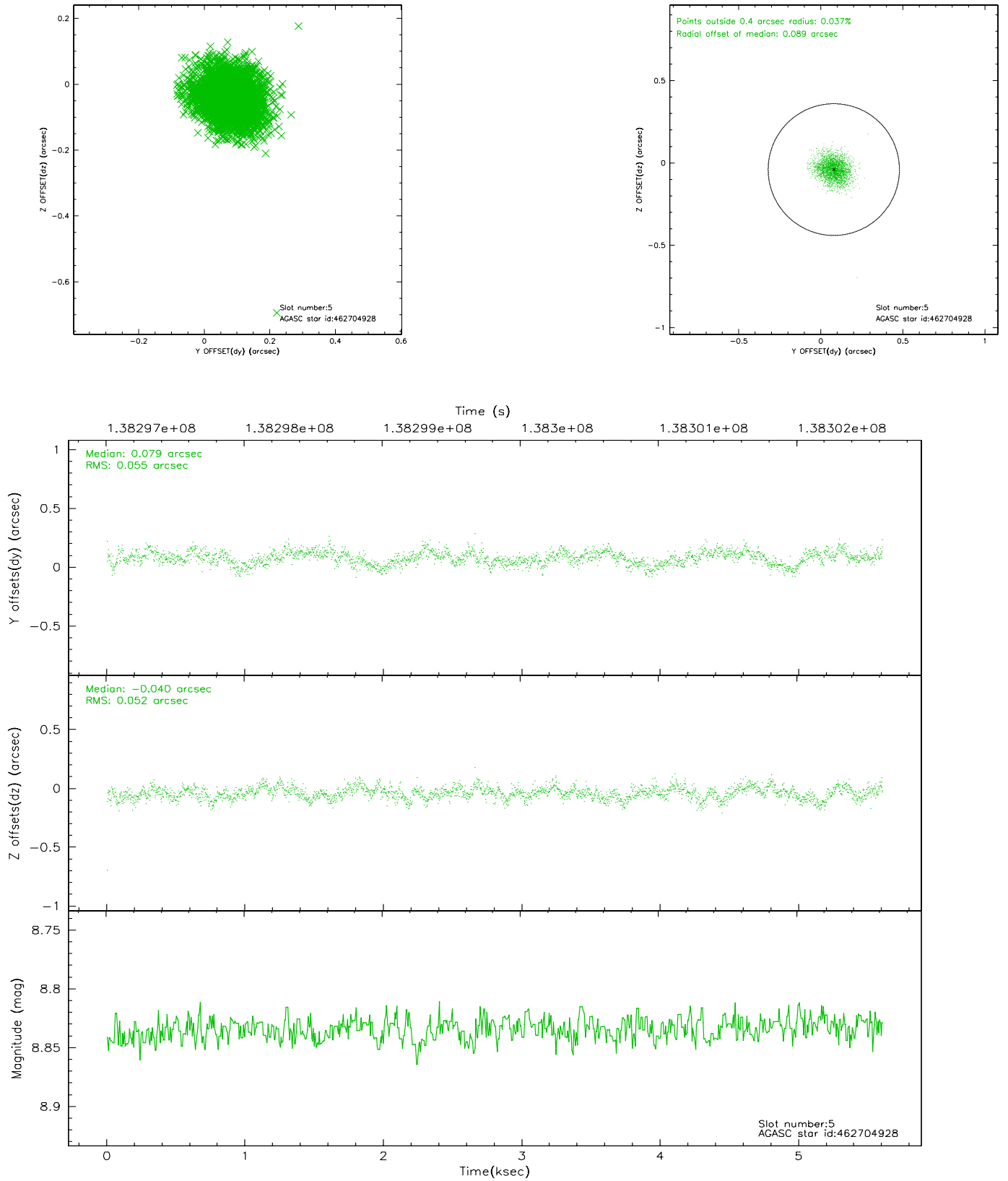
### 2.4.1 Slot 3



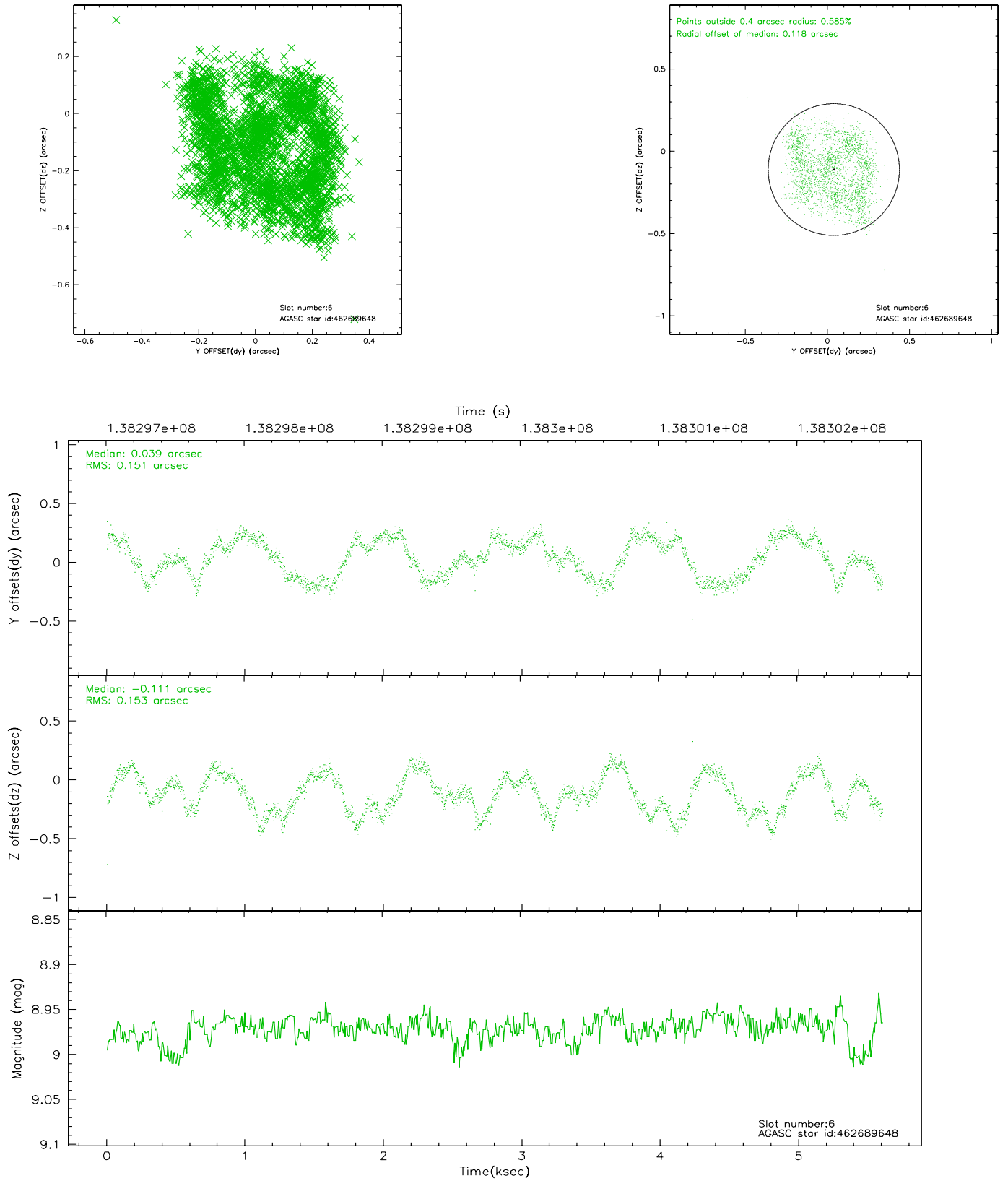
## 2.4.2 Slot 4



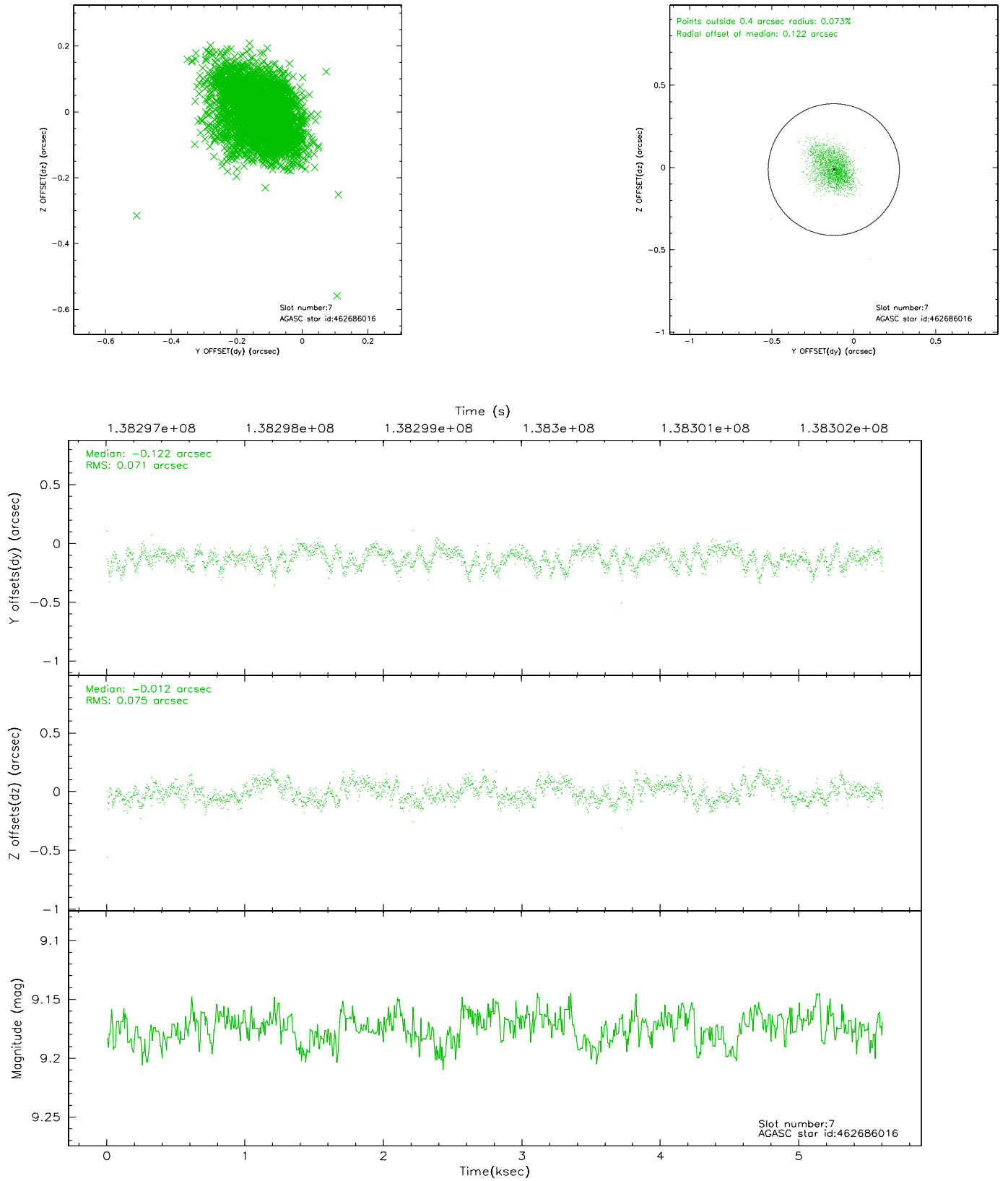
### 2.4.3 Slot 5



## 2.4.4 Slot 6

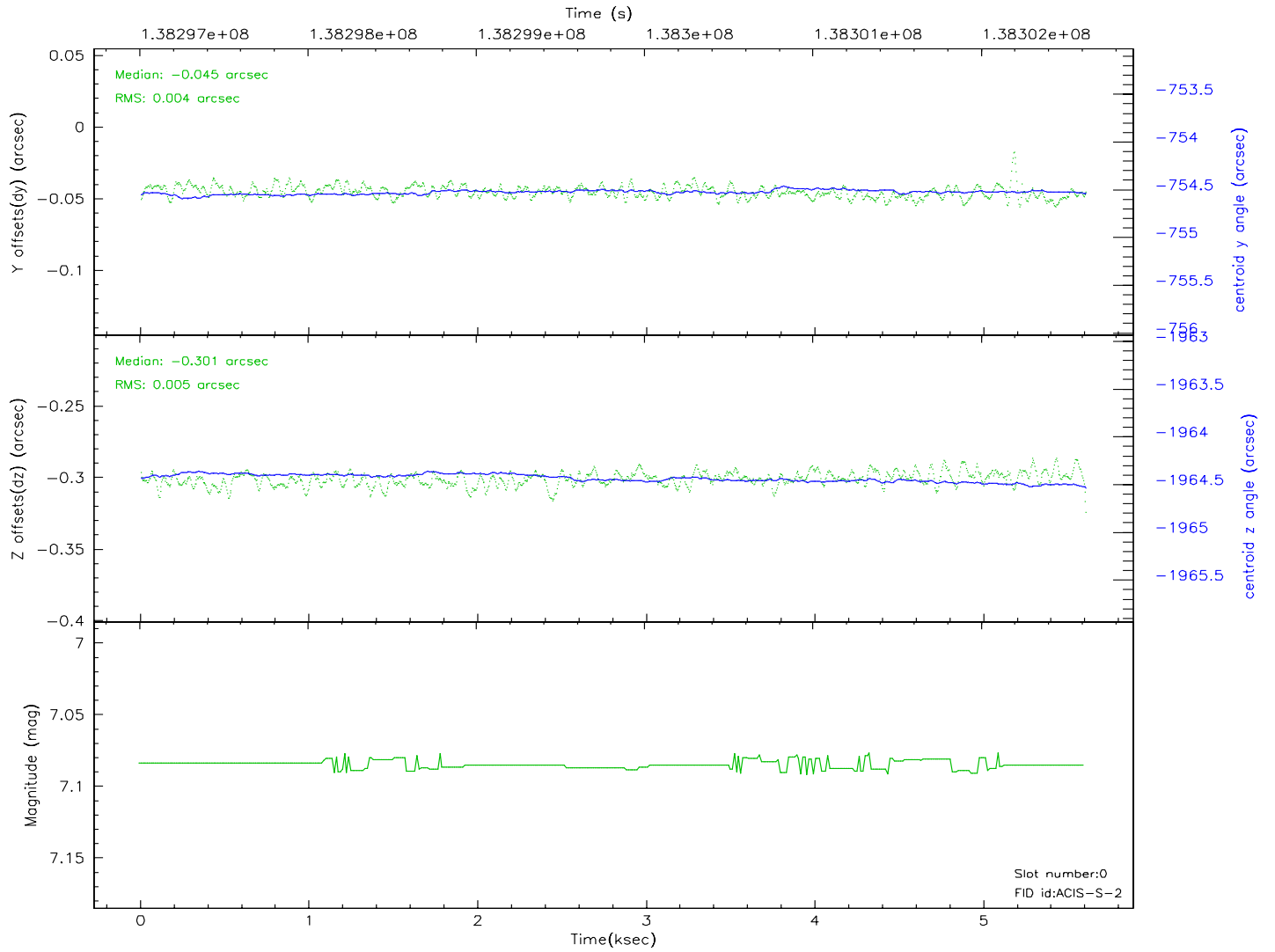
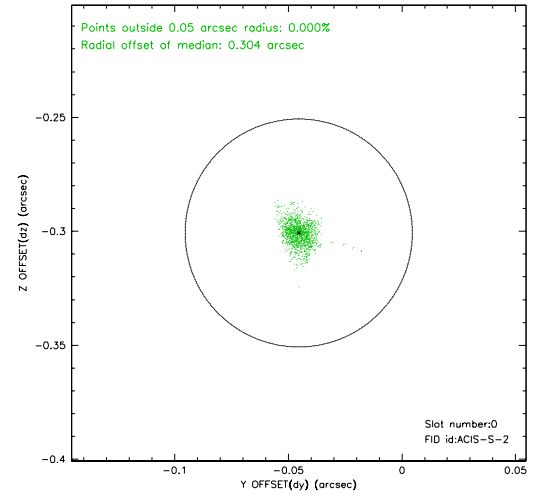
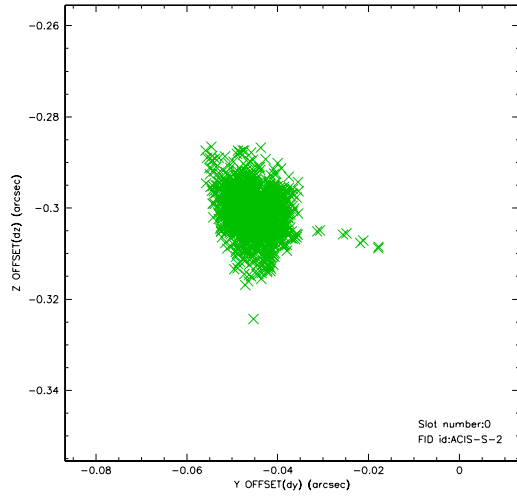


## 2.4.5 Slot 7

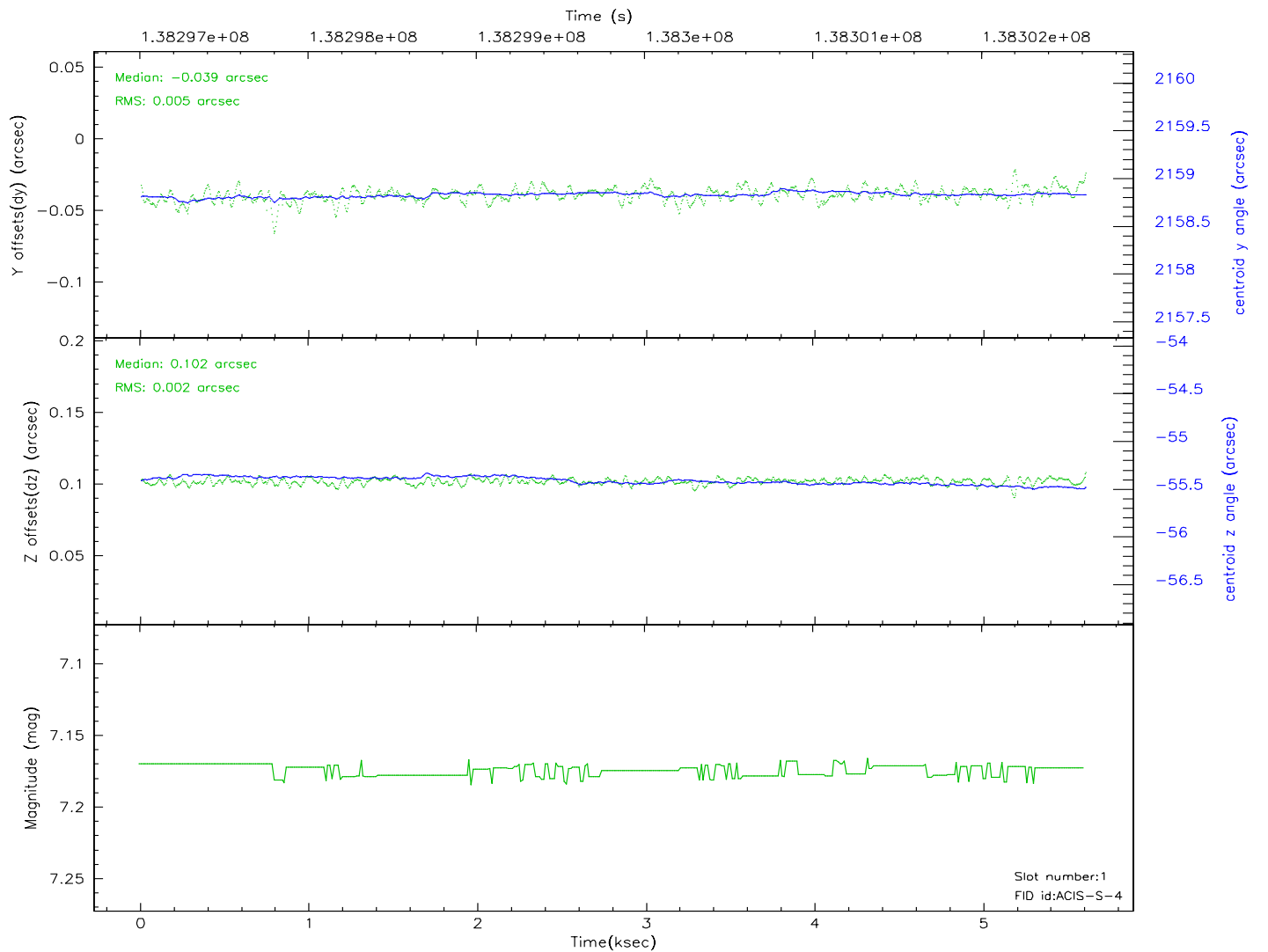
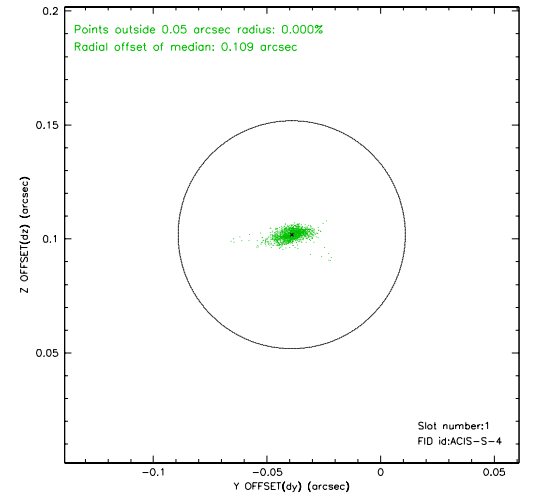
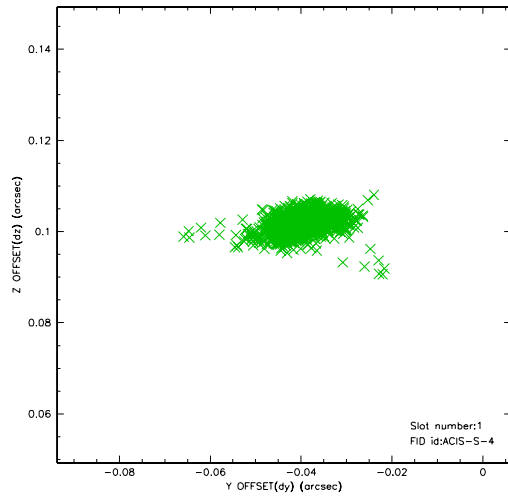


## 2.5 FID Slots

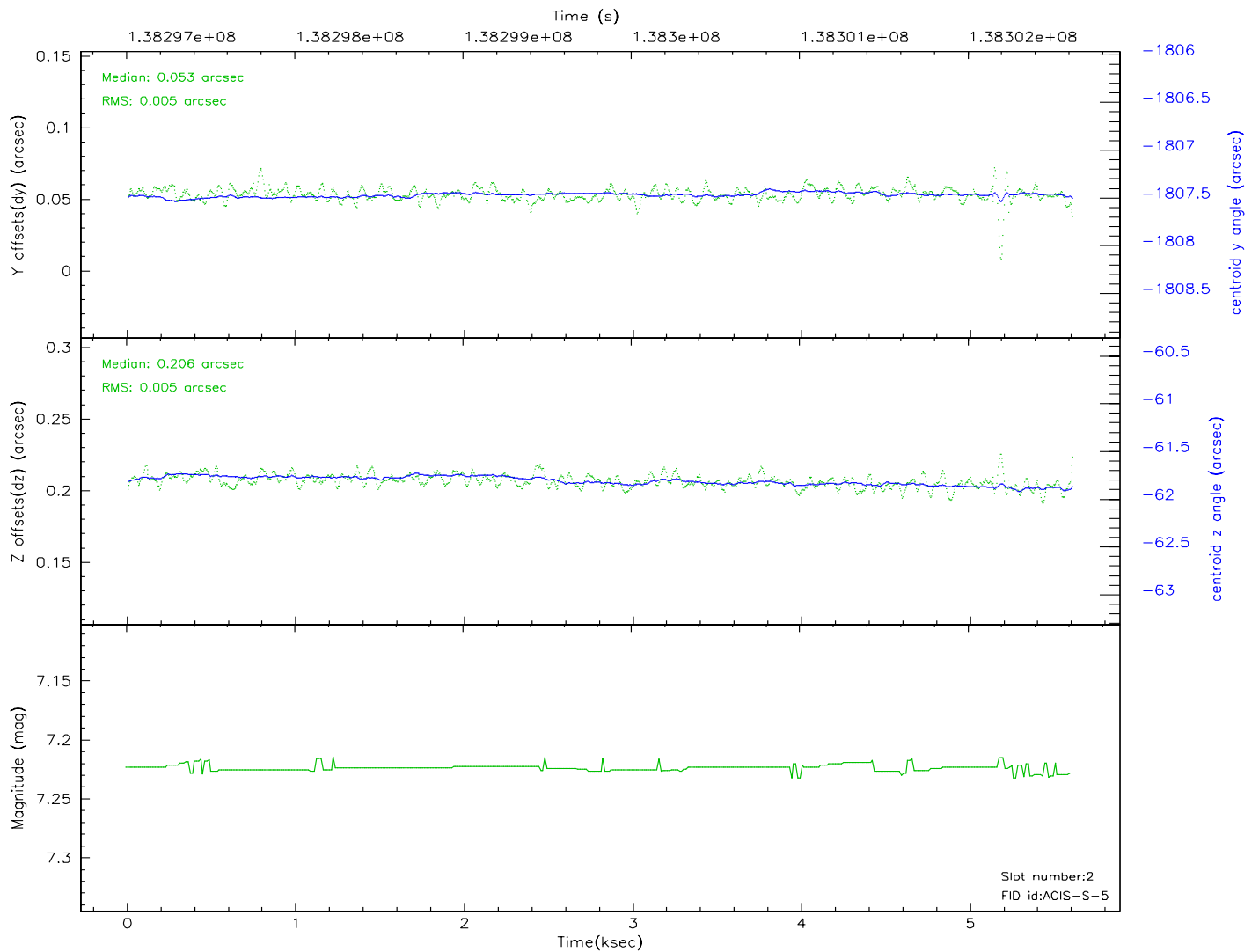
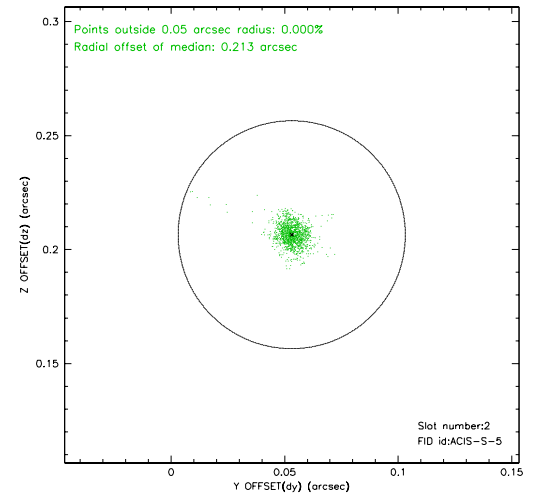
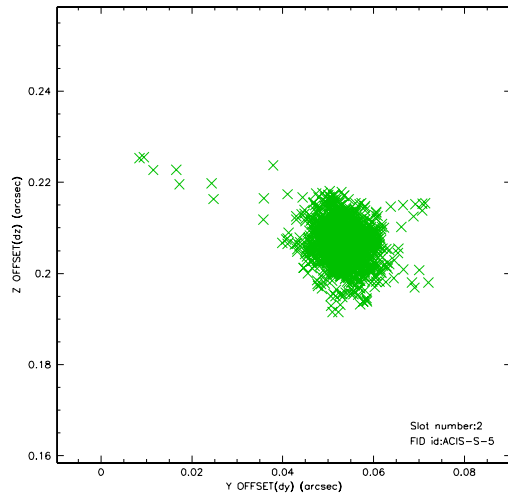
### 2.5.1 Slot 0



## 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)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.602

### A.2 Comments

Roll preference met.