

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 5529 - L2 Version 003  
Chandra X-Ray Center

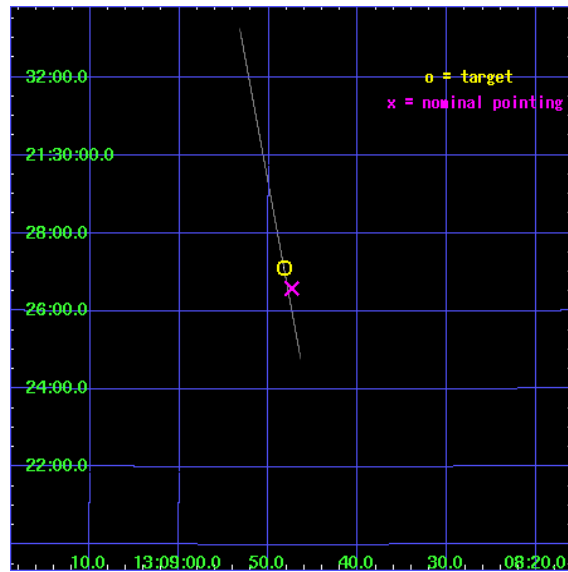
L2 Processing Date : Sep 14 2006

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# 1 Front

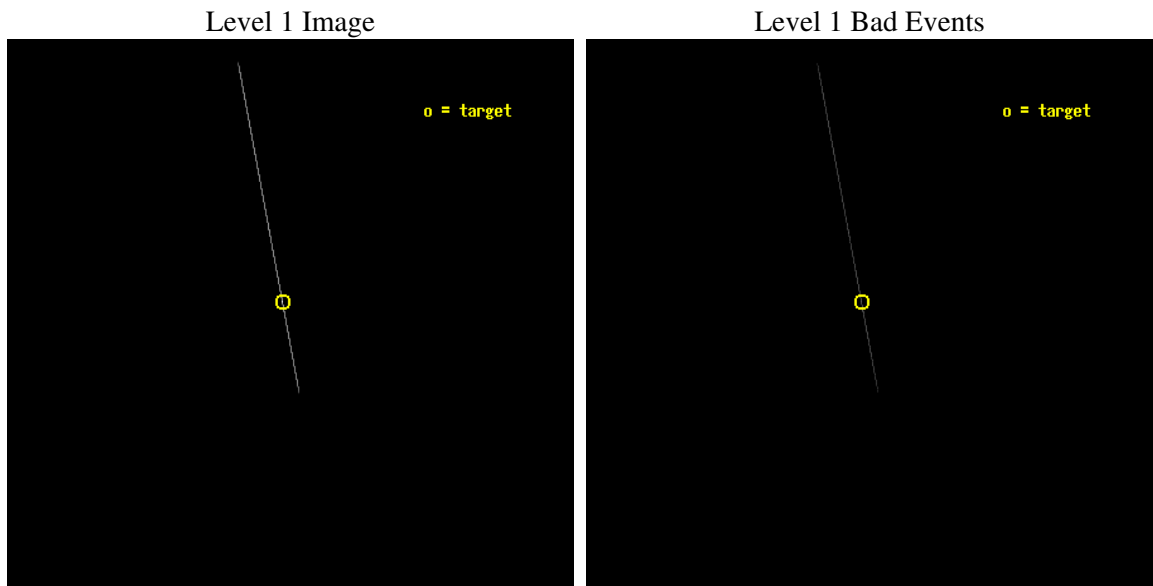
seq_num	500523
obs_id	5529
title	Timing the Enigmatic Nearby Neutron Star RX J1308.8+2127
observer	Dr David Kaplan
object	RX J1308.8+2127
ra_targ	197.20125
dec_targ	21.451889
ra_nom	197.19753350411
dec_nom	21.442877258442
roll_nom	259.35526864882
revision	3
ontime	5184.0
livetime	5163.75
ontime7	5184.0
l2events	28799



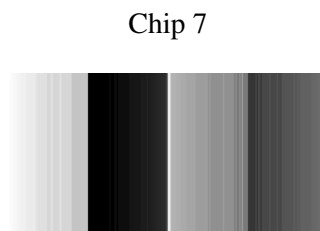
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-14T22:44:00
revision	3

sched_exp_time	5000.000000
ontime	5267.6259961128
ontime7	5267.6259961128
l1events	34270

### 2.1.4 Events

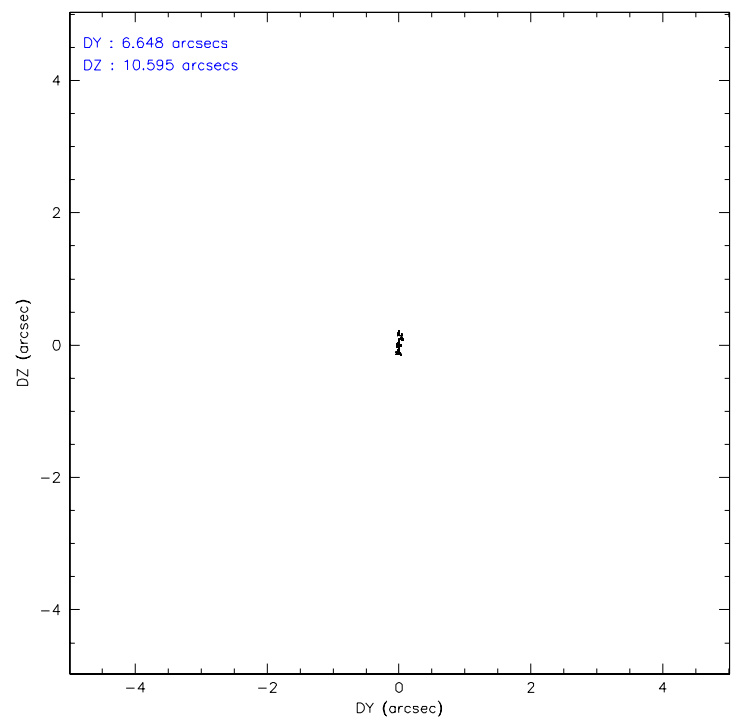
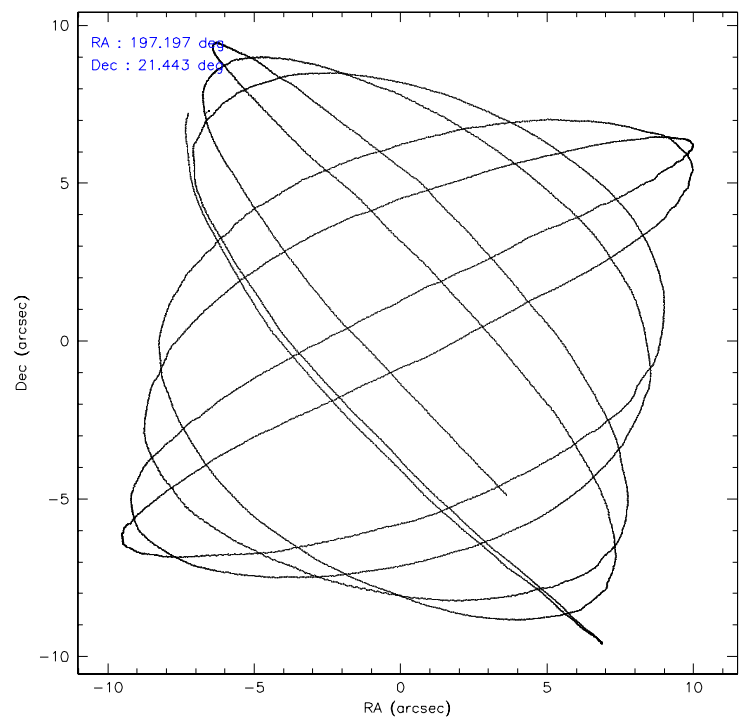
	<b>ccd 7</b>
level 1 events	34270
rejected events	4451
rejected %	12%

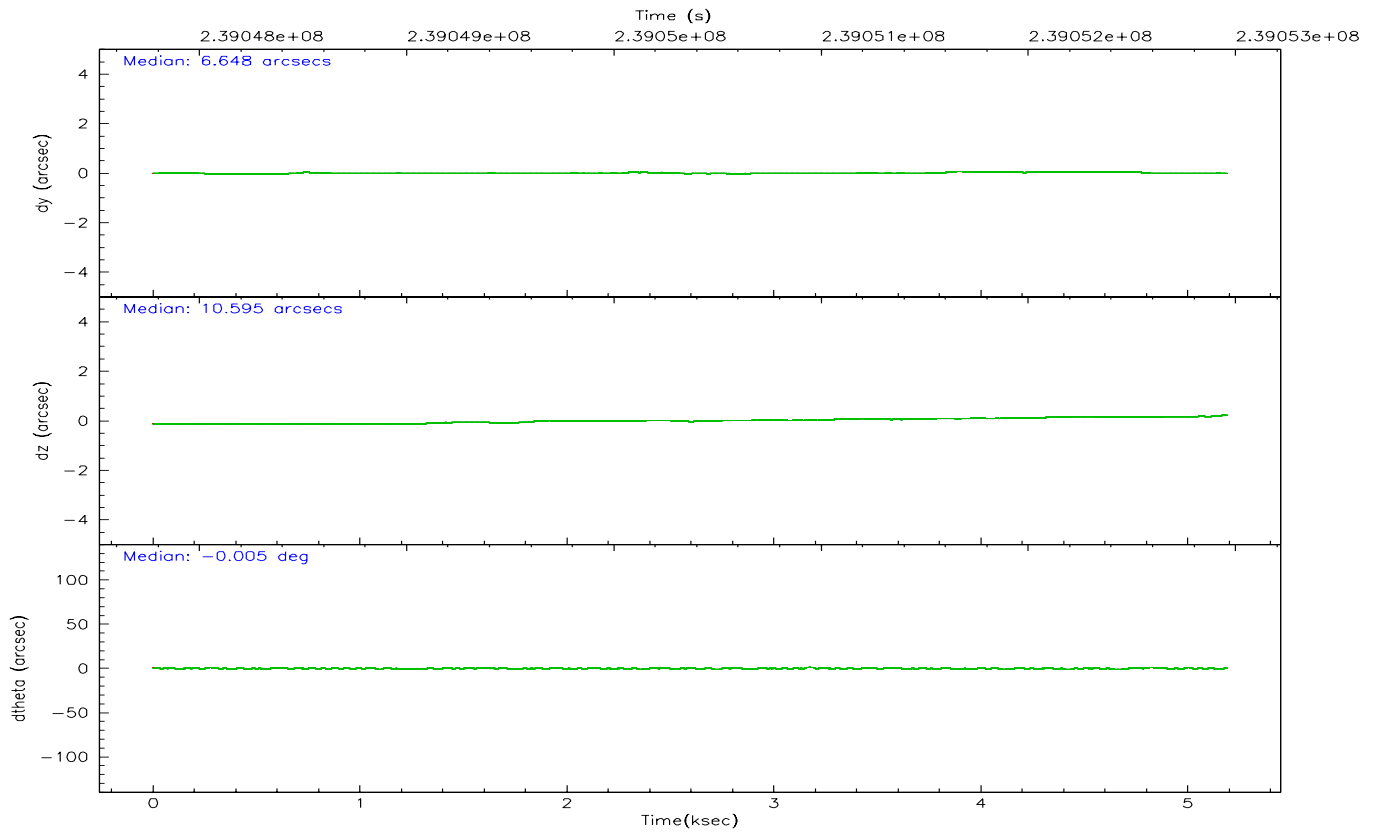
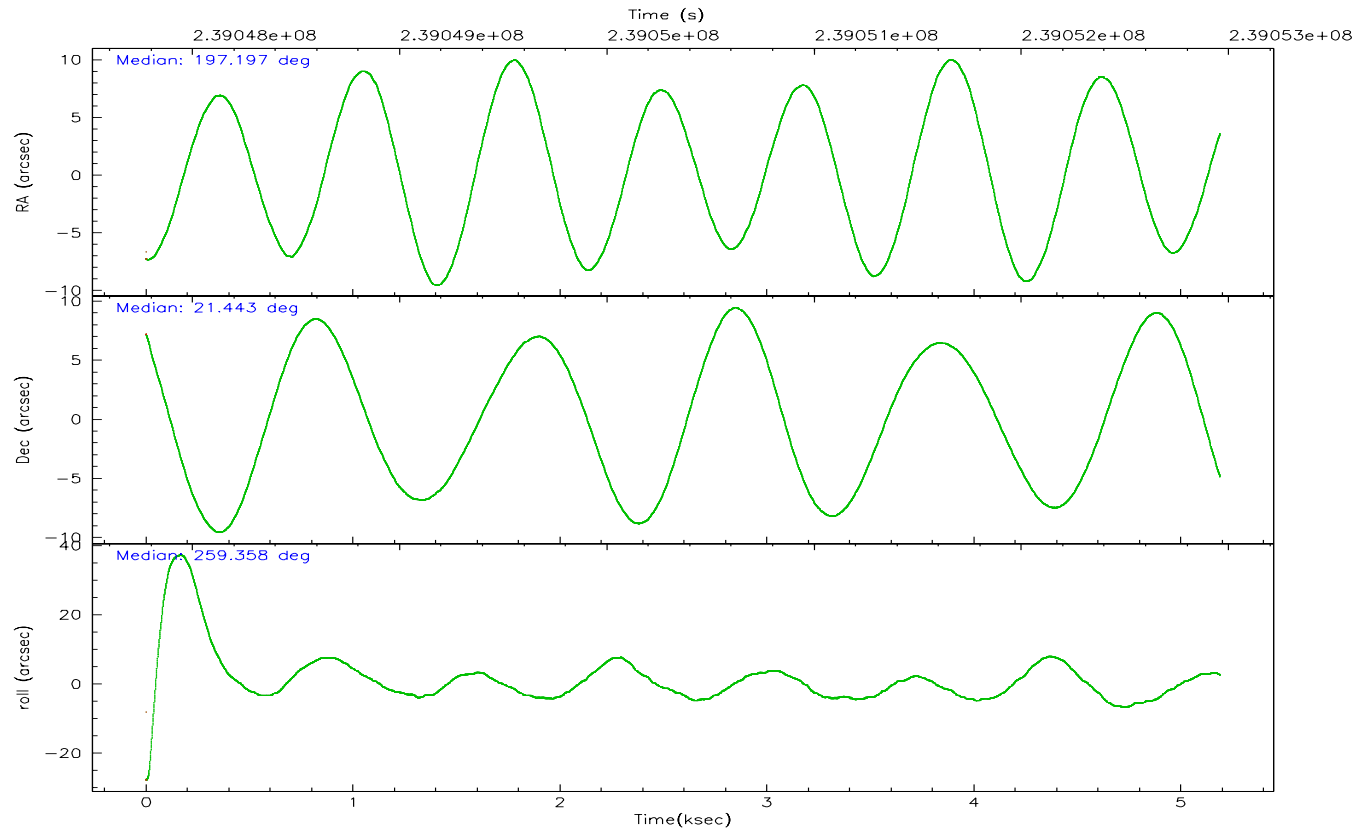
	<b>ccd 7</b>
grade 0 events	3080
	8%
grade 1 events	53
	0%
grade 2 events	8485
	24%
grade 3 events	1295
	3%
grade 4 events	1311
	3%
grade 5 events	3959
	11%
grade 6 events	16087
	46%
grade 7 events	0
	0%

## 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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	197.187502	197.1975335041054	Subarray requested	NONE	NONE
Pointing Dec	21.468414	21.44287725844204	Alternating exposures requested	N	N
Pointing Roll	259.202510	259.3552686488201	Primary exposure time	0.000000	0
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	239047966.184000	239047415.41064			
Observation start date	2005-07-29T18:11:42	2005-07-29T18:03:35			
Observation end time	239052966.184000	239053871.37344			
Observation end date	2005-07-29T19:35:02	2005-07-29T19:51:11			
Read mode	CONTINUOUS	CONTINUOUS			

### 2.3 Aspect





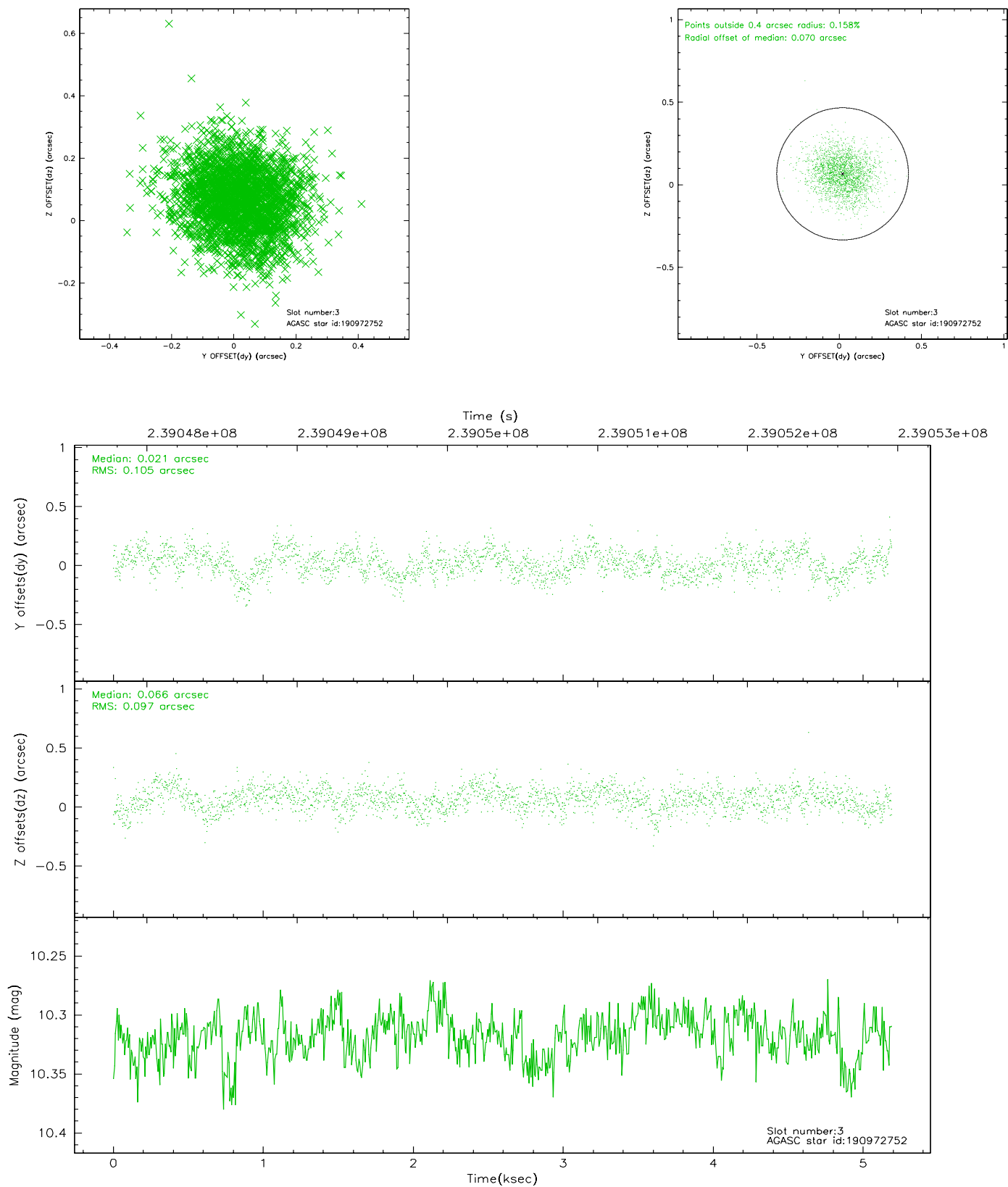
### Slot Statistics

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	1267	-0.049	0.009	0.006	0.011	0.000000	0.000000	-759.41	-1731.87
1	FID	ACIS-S-4	7.21	1267	0.050	0.021	0.005	0.009	0.000000	0.000000	2153.40	175.48
2	FID	ACIS-S-5	7.23	1267	-0.031	-0.022	0.006	0.011	0.000000	0.000000	-1810.77	170.35
3	GUIDE	190972752	10.32	2528	0.021	0.066	0.150	0.242	197.567107	21.351082	174.77	1329.22
4	GUIDE	190973256	10.28	2527	-0.021	0.008	0.219	0.345	198.013696	21.966947	-2287.13	2373.04
5	GUIDE	190973928	9.86	2527	0.054	-0.023	0.147	0.229	197.904188	21.564389	-795.38	2292.07
6	GUIDE	190974376	6.79	2532	-0.206	0.026	0.082	0.136	197.884749	21.918670	-2034.22	1984.12
7	GUIDE	190979840	10.35	2529	0.157	-0.059	0.165	0.311	197.337465	20.846267	2104.53	916.24

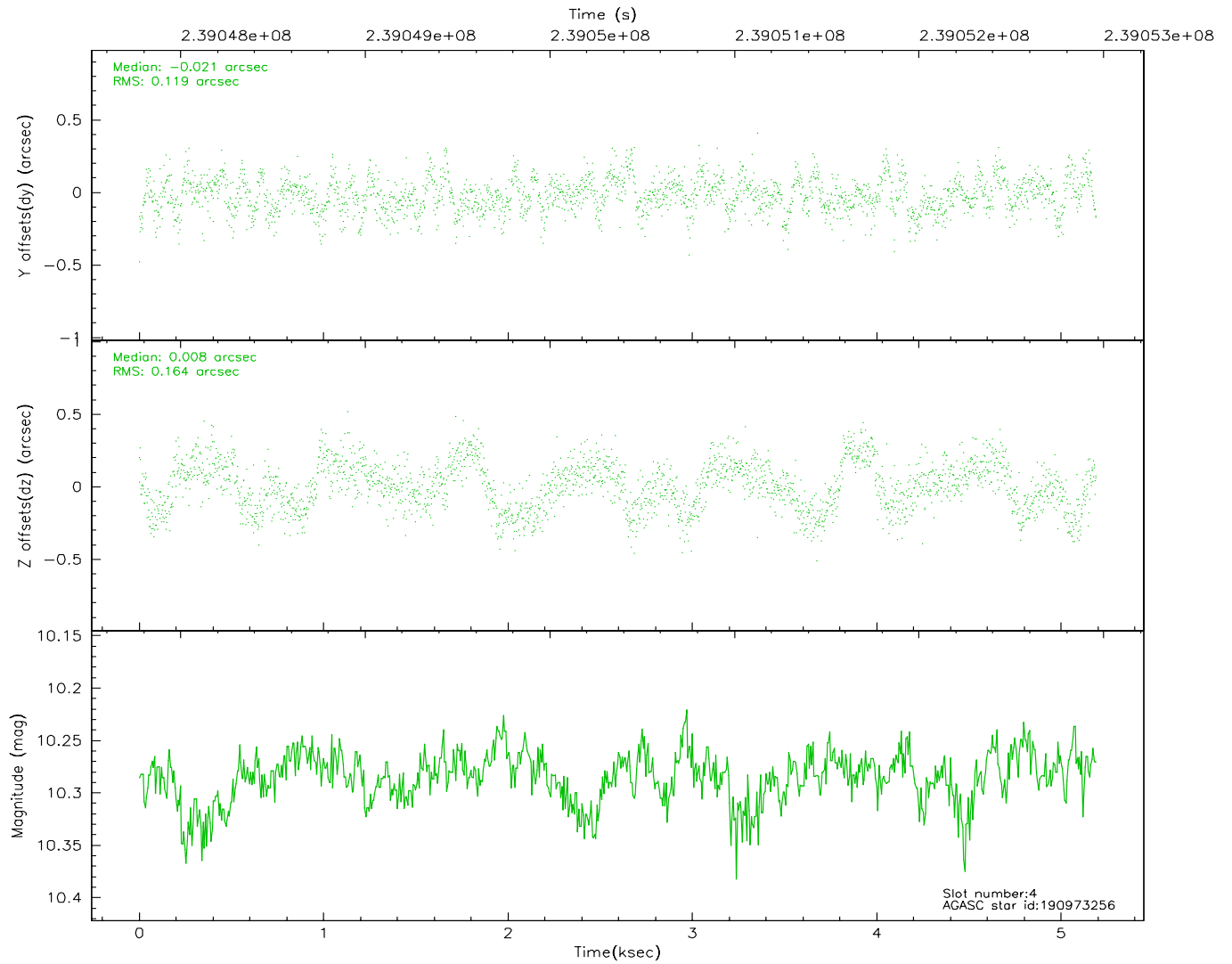
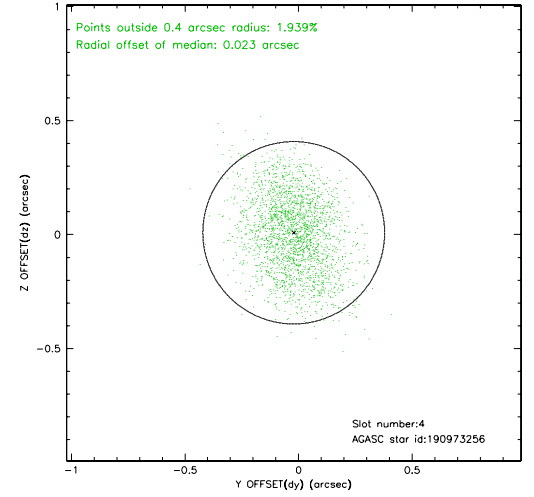
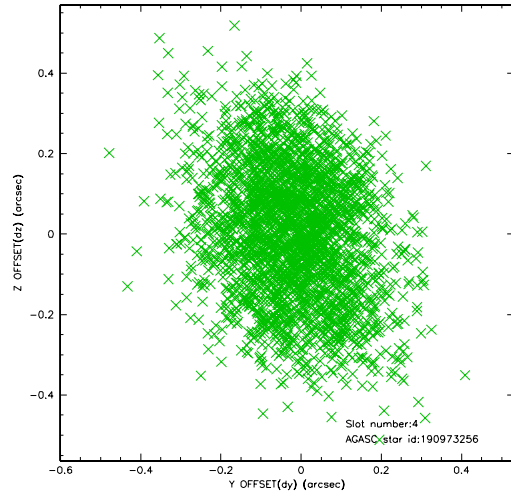


## 2.4 Star Slots

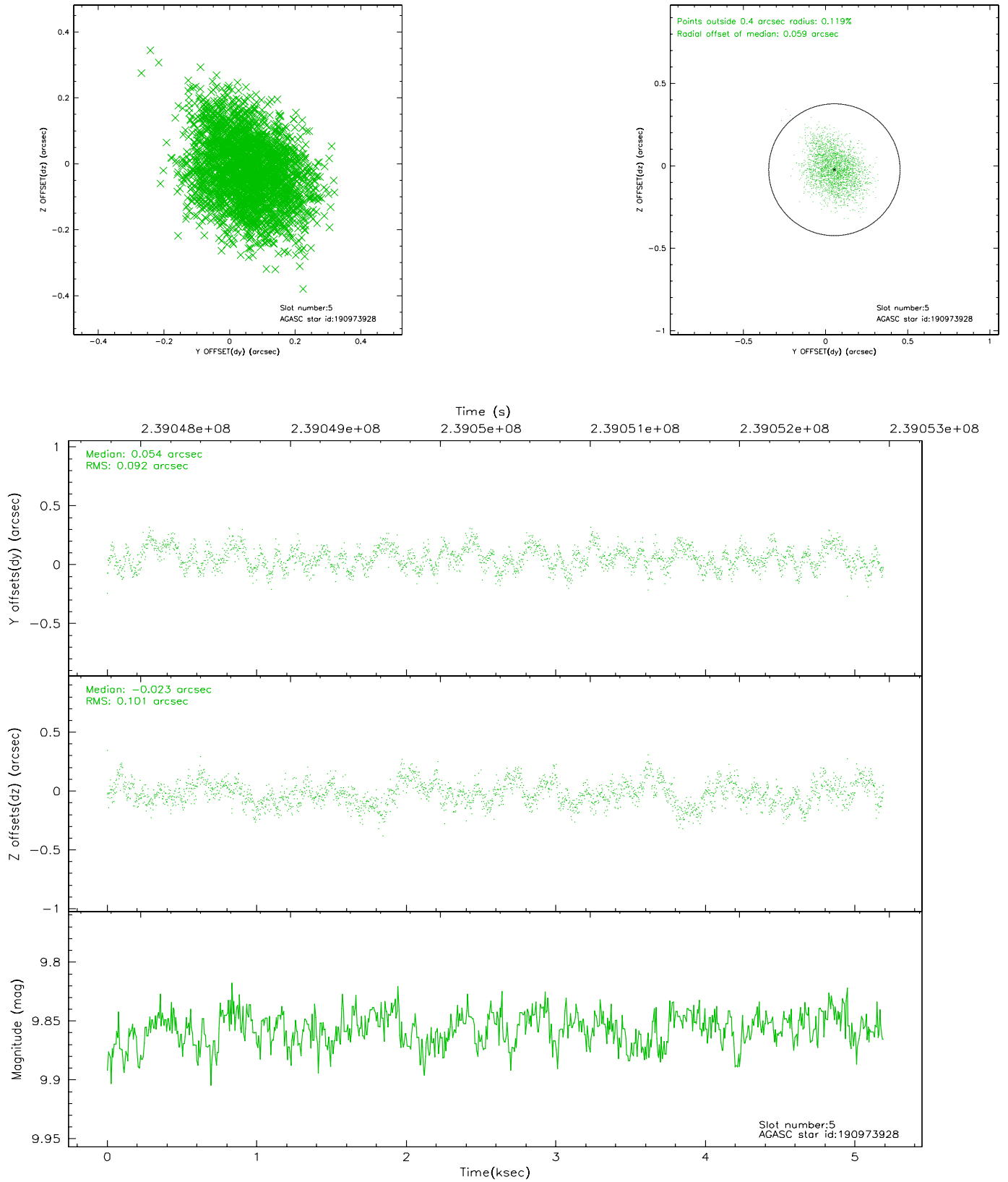
### 2.4.1 Slot 3



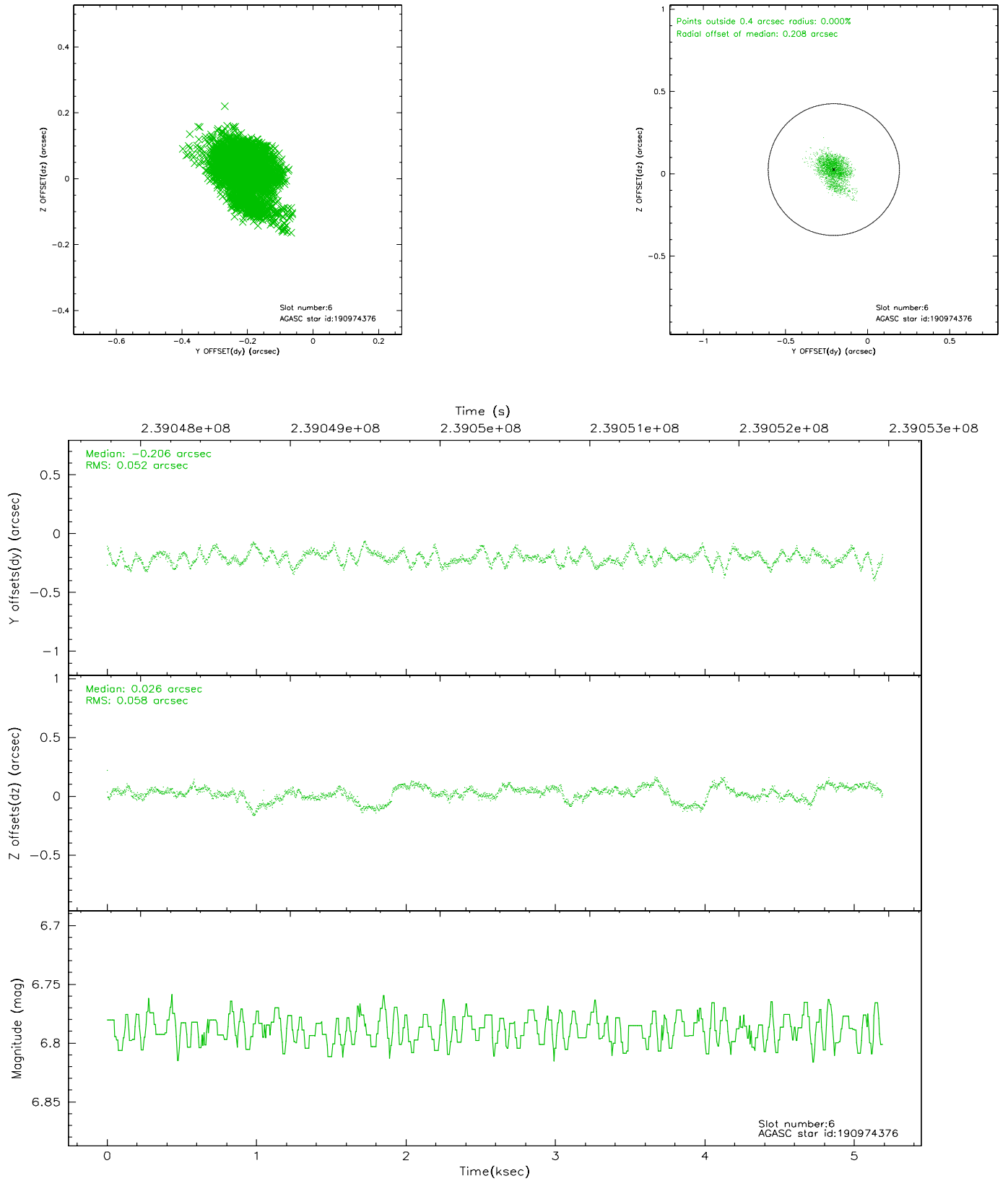
## 2.4.2 Slot 4



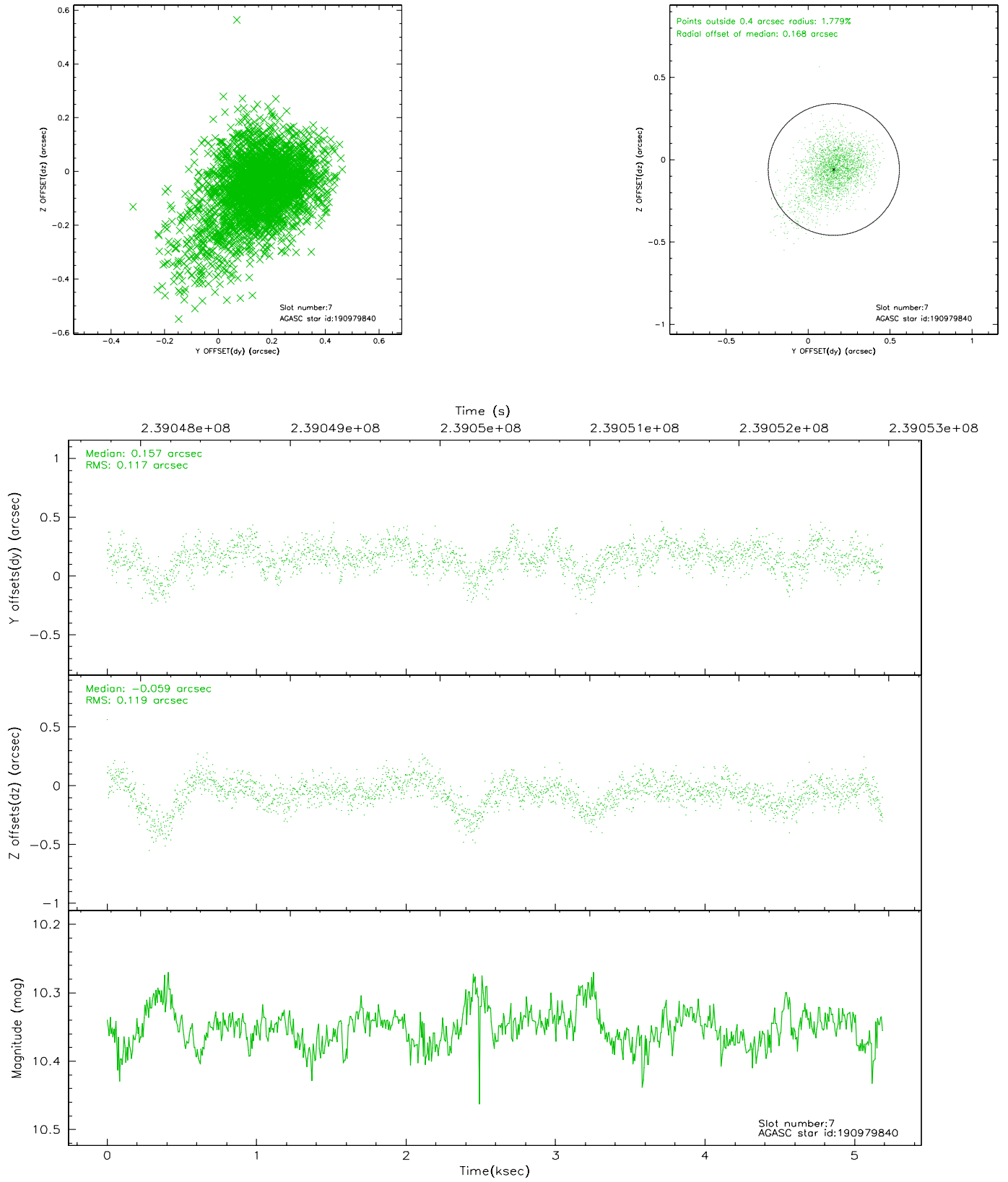
### 2.4.3 Slot 5



## 2.4.4 Slot 6

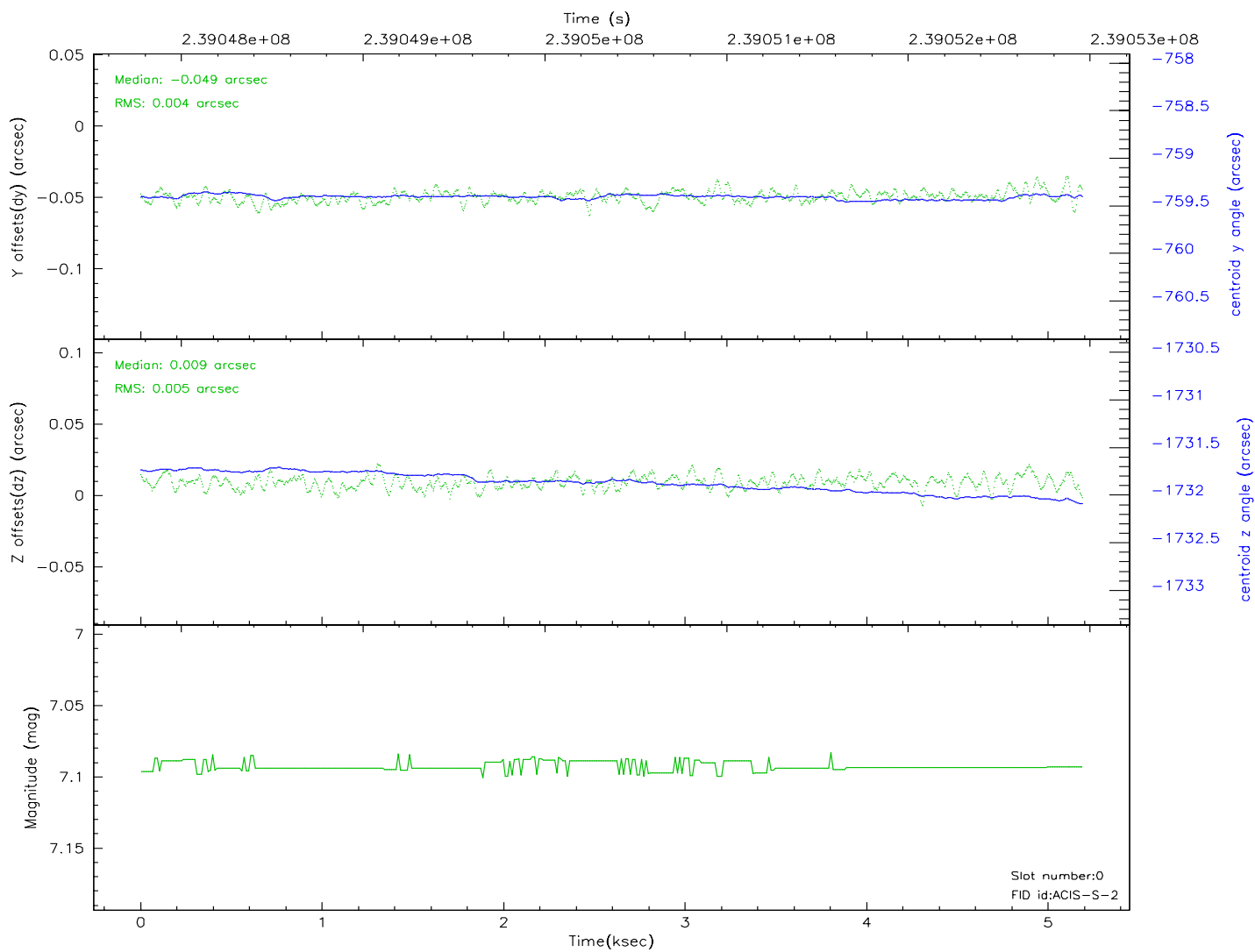
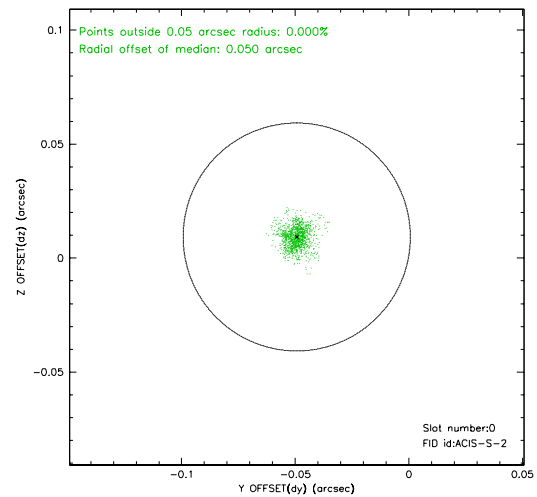
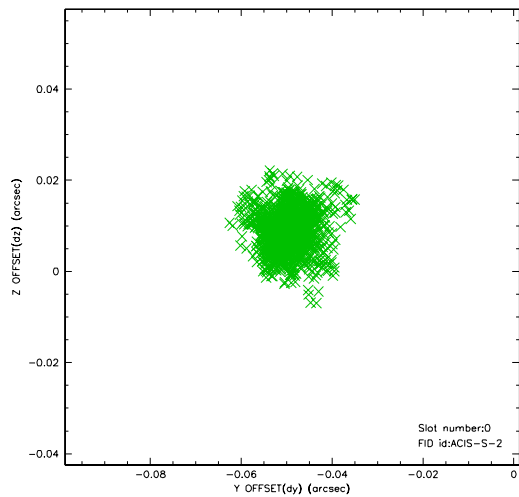


## 2.4.5 Slot 7

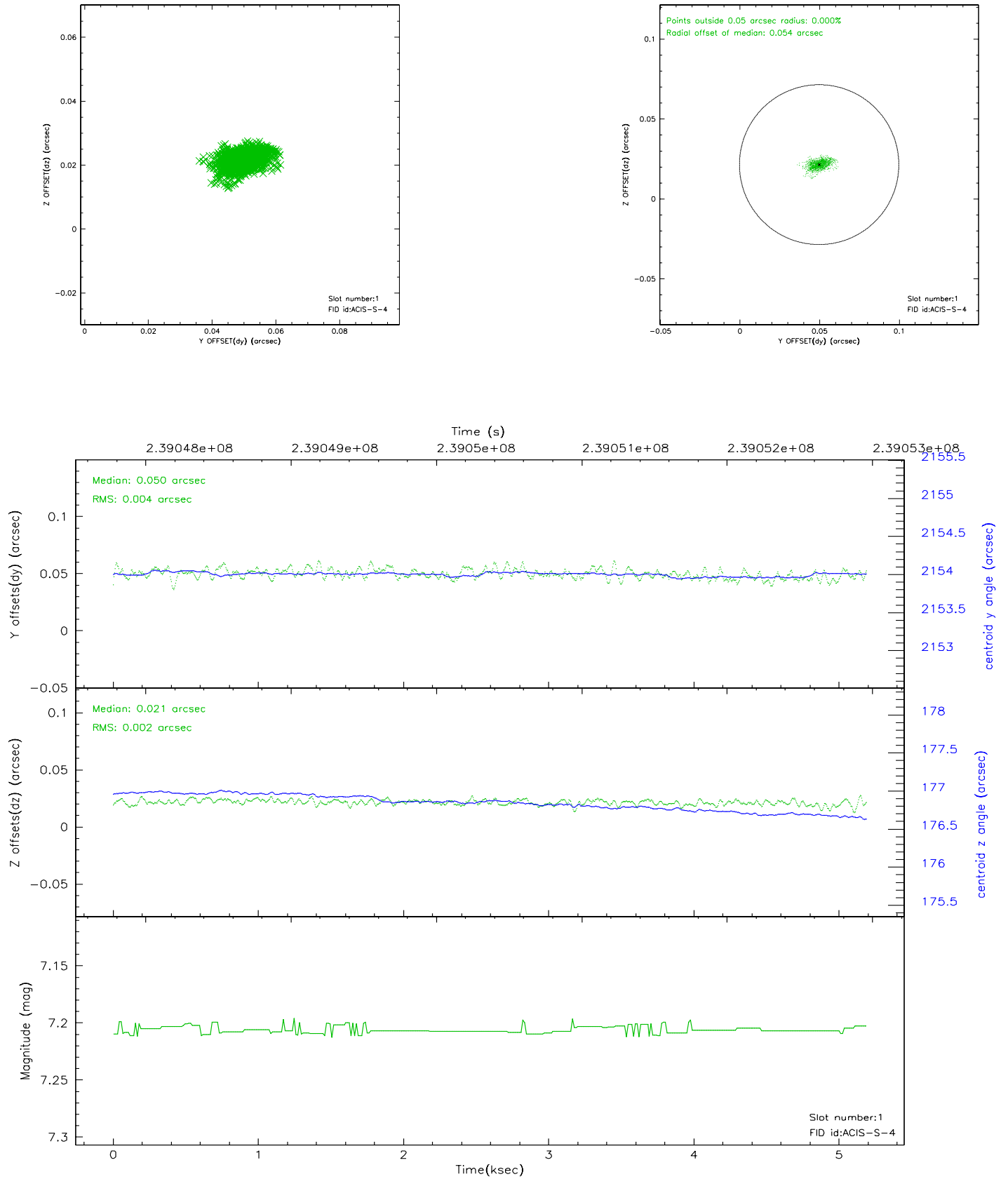


## 2.5 FID Slots

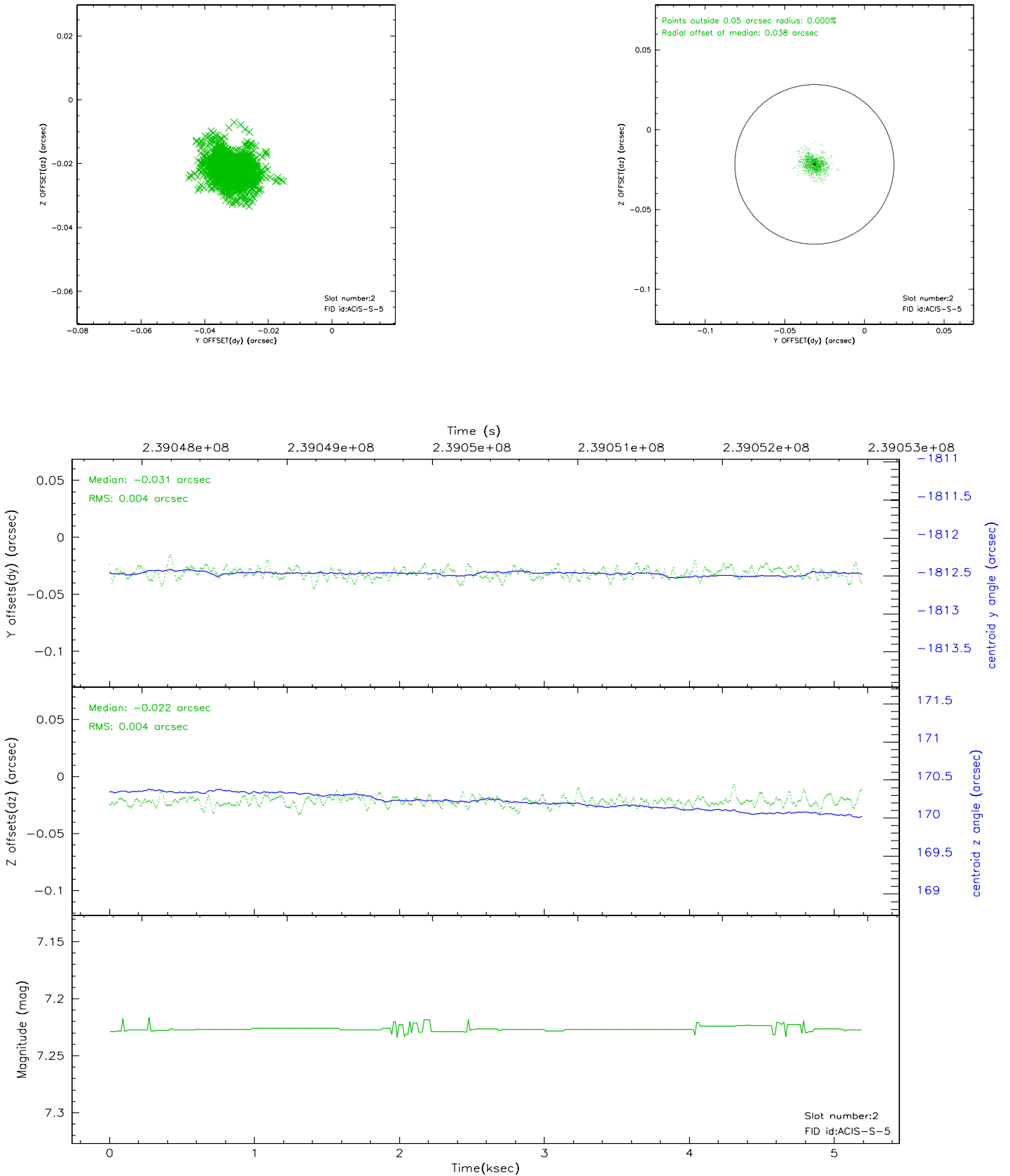
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





## A Summary

### A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.184

### A.2 Comments