

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 3492 - L2 Version 001  
Chandra X-Ray Center

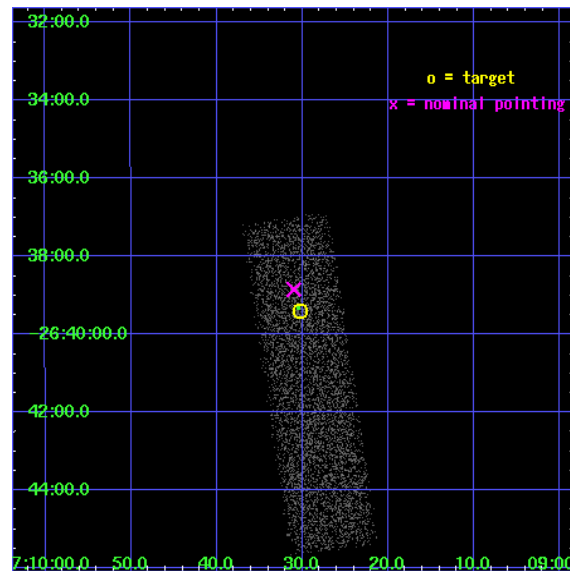
L2 Processing Date : Sep 11 2006

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# 1 Front

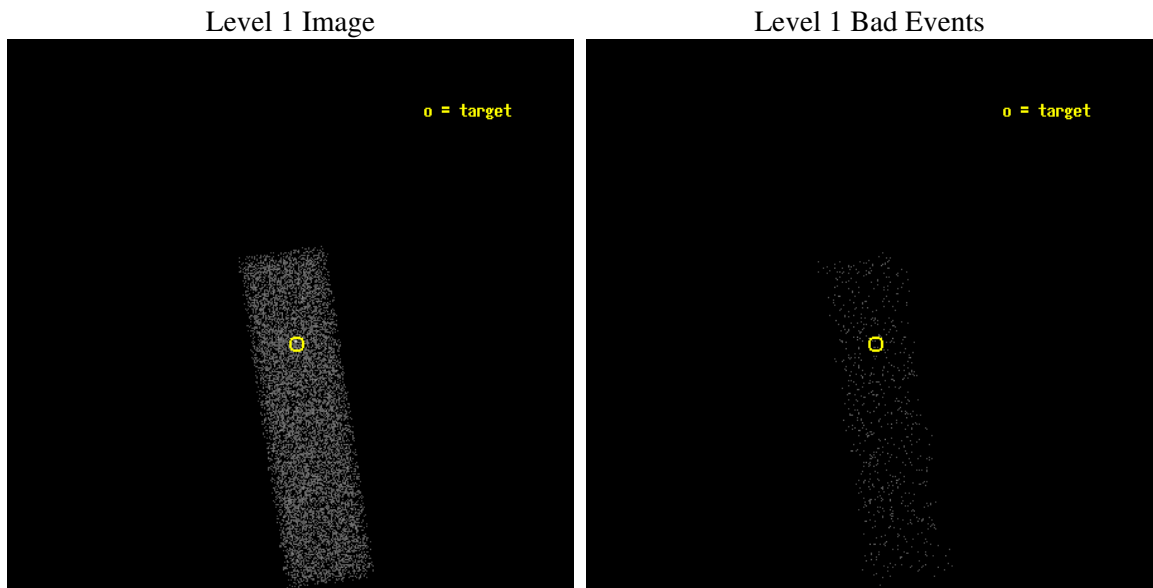
seq_num	400247
obs_id	3492
title	A FAINT NEUTRON STAR SOFT X-RAY TRANSIENT RETURNING TO QUIESCENCE
observer	Dr Peter Jonker
object	RX J170930.2-263927
dtcycle	0
cycle	P
ra_targ	257.375833
dec_targ	-26.656667
ra_nom	257.37922433272
dec_nom	-26.647517461811
roll_nom	81.441578634759
revision	2
ontime	5229.399971664
livetime	5133.6343562189
ontime7	5229.399971664
l2events	6852



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-11T10:00:39
revision	2

sched_exp_time	5000.000000
ontime	5232.760343045
ontime7	5232.760343045
l1events	12524

### 2.1.4 Events

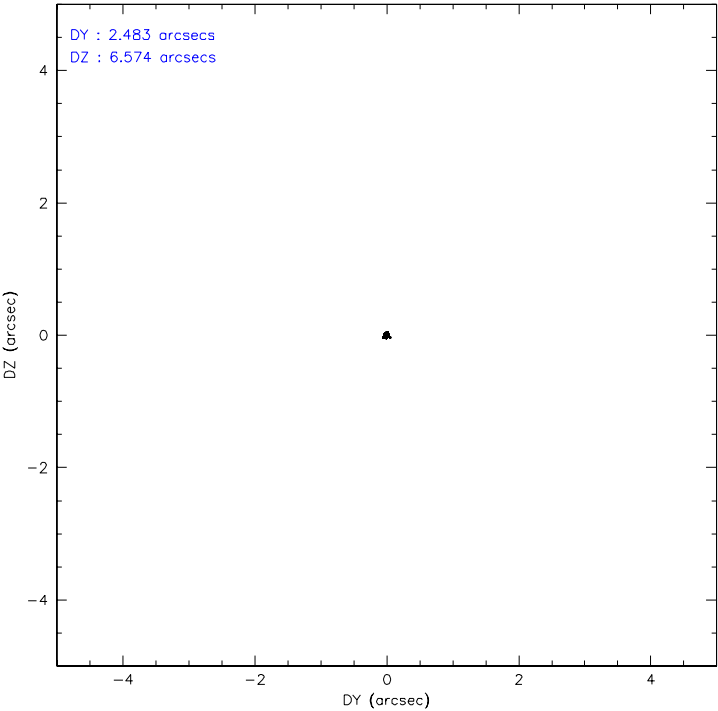
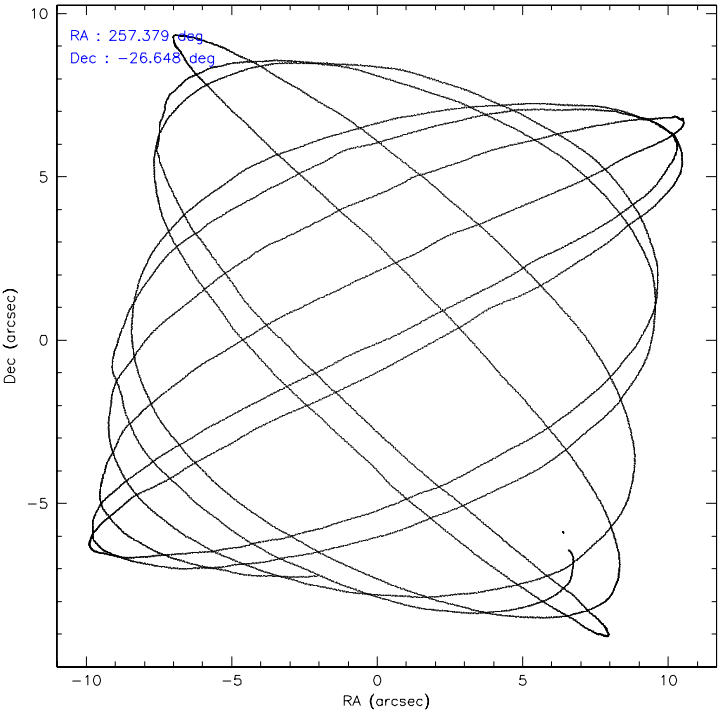
	<b>ccd 7</b>
level 1 events	12524
rejected events	5520
rejected %	44%

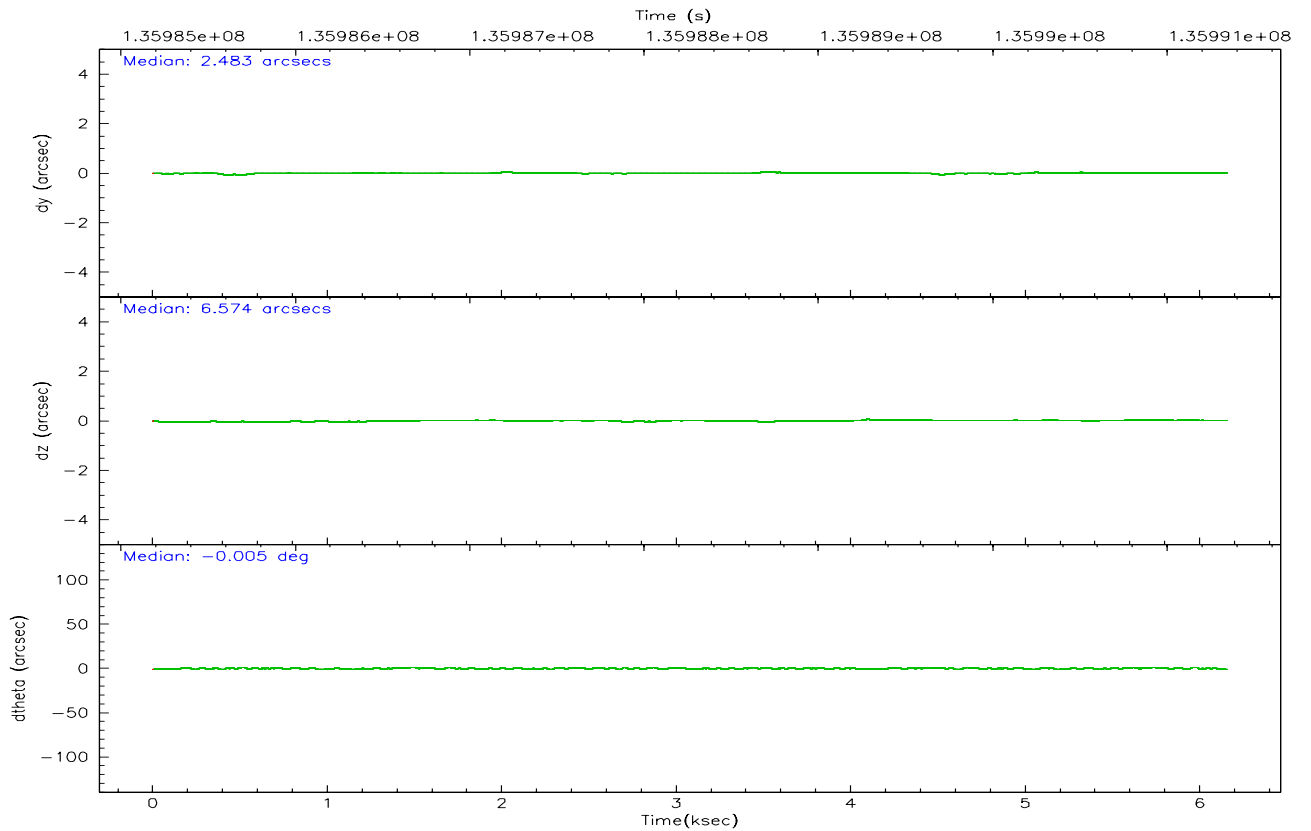
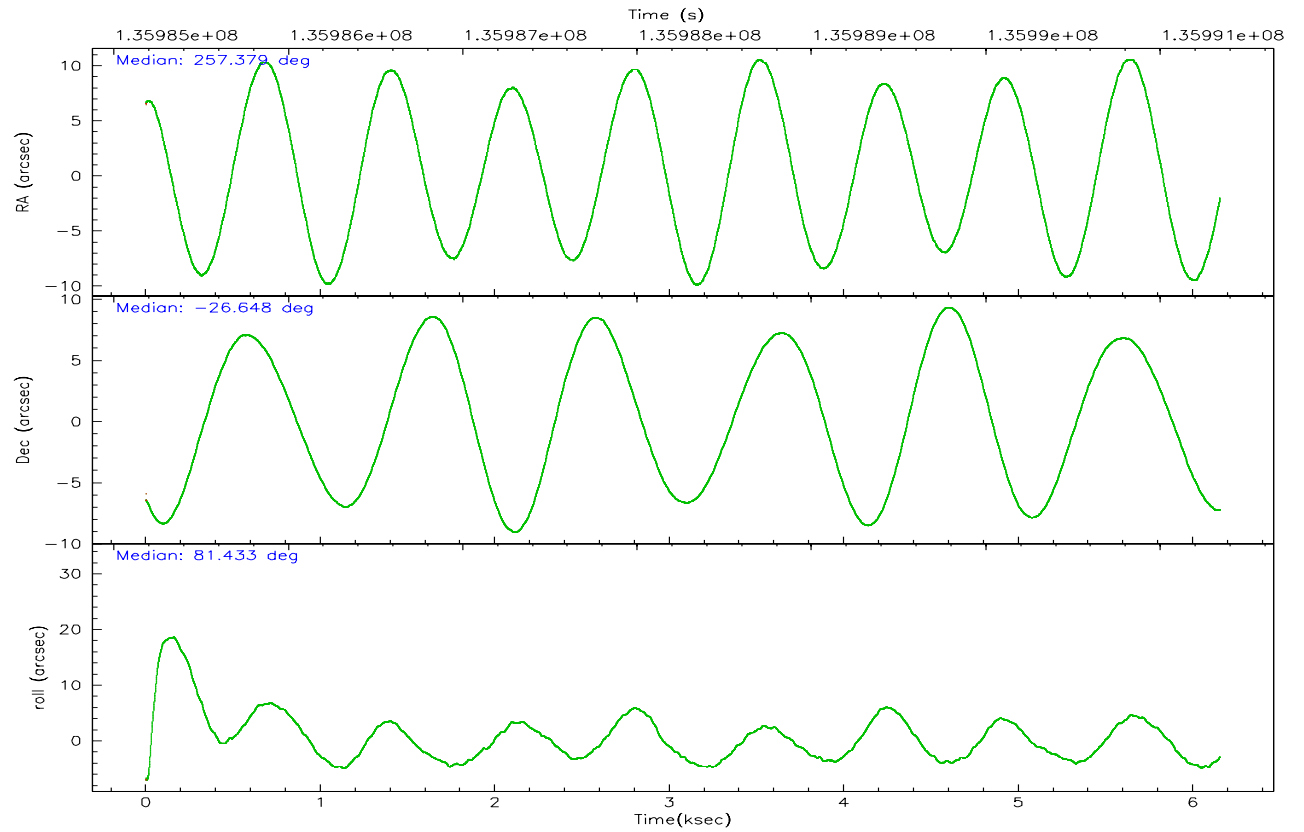
	<b>ccd 7</b>
grade 0 events	649
	5%
grade 1 events	6
	0%
grade 2 events	1816
	14%
grade 3 events	450
	3%
grade 4 events	472
	3%
grade 5 events	814
	6%
grade 6 events	3626
	28%
grade 7 events	4691
	37%

## 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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/4	1/4
Pointing RA	257.390816	257.3792243327189	Subarray start row	0	385
Pointing Dec	-26.672715	-26.64751746181076	Subarray row count	1024	256
Pointing Roll	81.290204	81.44157863475873	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	2.2
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	135986344.184000	135984904.26865			
Observation start date	2002-04-23T21:58:00	2002-04-23T21:35:04			
Observation end time	135991344.184000	135992330.90645			
Observation end date	2002-04-23T23:21:20	2002-04-23T23:38:50			
Read mode	TIMED	TIMED			

2.3 Aspect





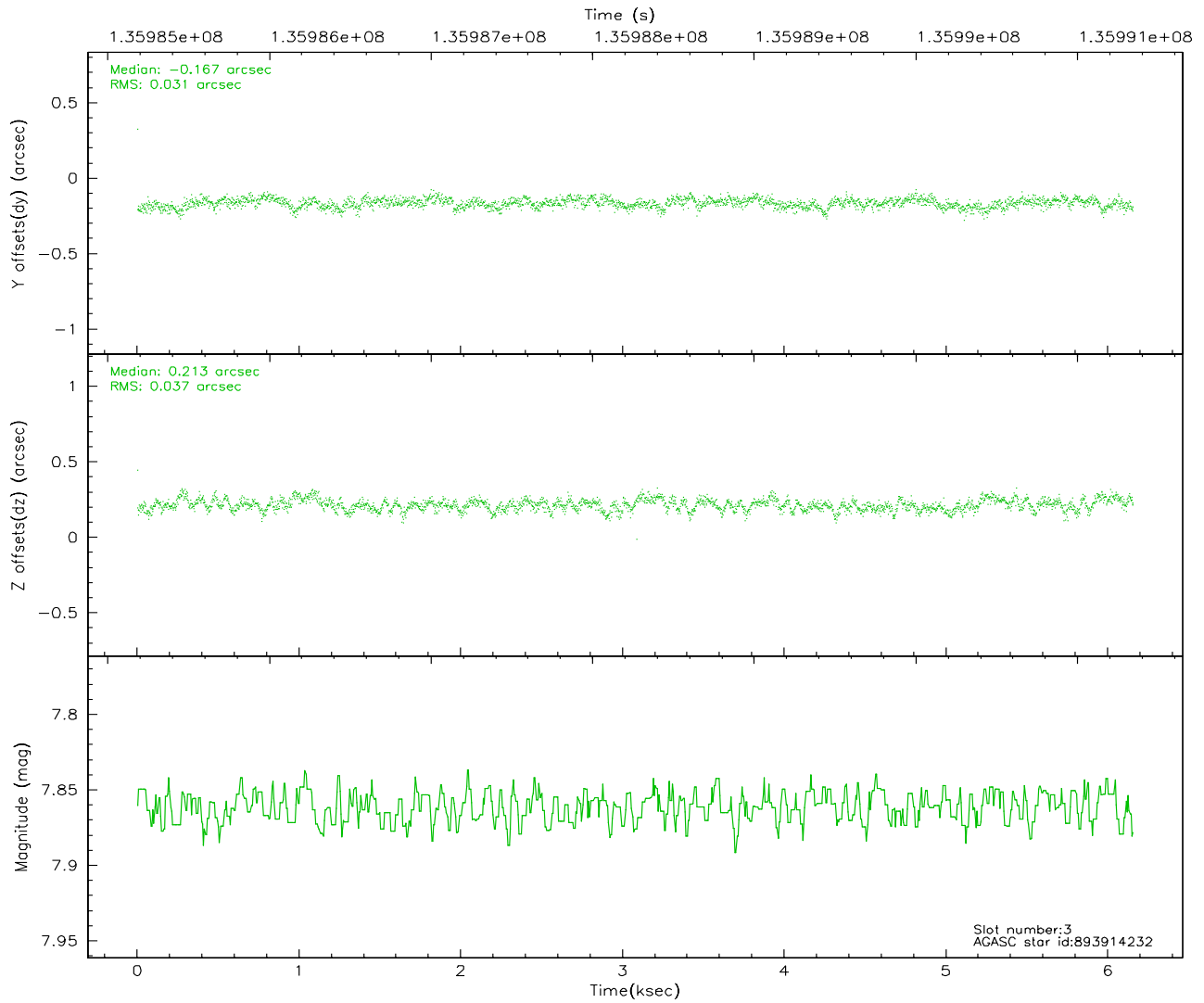
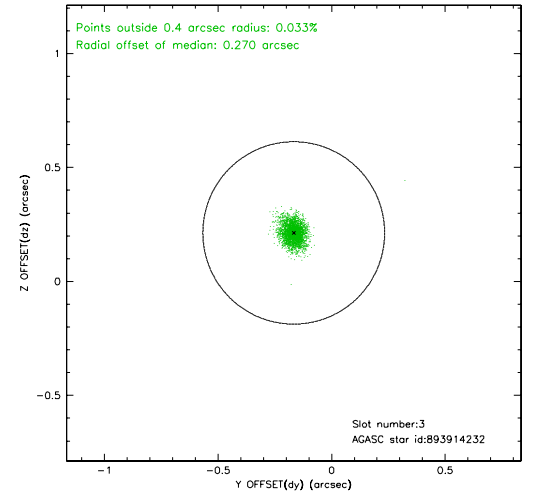
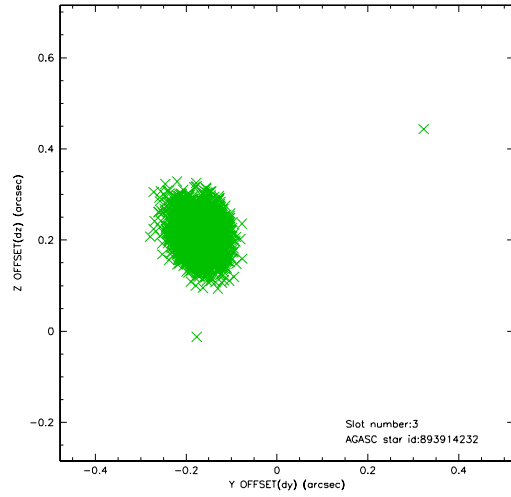
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1502	-0.013	0.040	0.008	0.012	0.000000	0.000000	-755.10	-1727.70
1	FID	ACIS-S-4	7.20	1502	-0.084	-0.004	0.005	0.009	0.000000	0.000000	2157.65	179.79
2	FID	ACIS-S-5	7.24	1501	0.067	-0.027	0.007	0.011	0.000000	0.000000	-1806.65	174.48
3	GUIDE	893914232	7.86	3002	-0.167	0.213	0.051	0.083	257.948003	-26.439334	1100.44	-1648.76
4	GUIDE	893913752	8.65	3003	0.128	0.071	0.058	0.097	257.717246	-26.451689	946.91	-920.45
5	GUIDE	893837592	9.31	3004	-0.093	-0.202	0.080	0.129	256.924631	-26.316123	1040.17	1680.23
6	GUIDE	893835576	8.93	3002	-0.063	-0.006	0.070	0.120	257.152526	-26.836742	-698.37	667.15
7	GUIDE	893802864	9.22	3001	0.198	-0.077	0.068	0.112	257.166026	-26.651875	-34.40	725.90

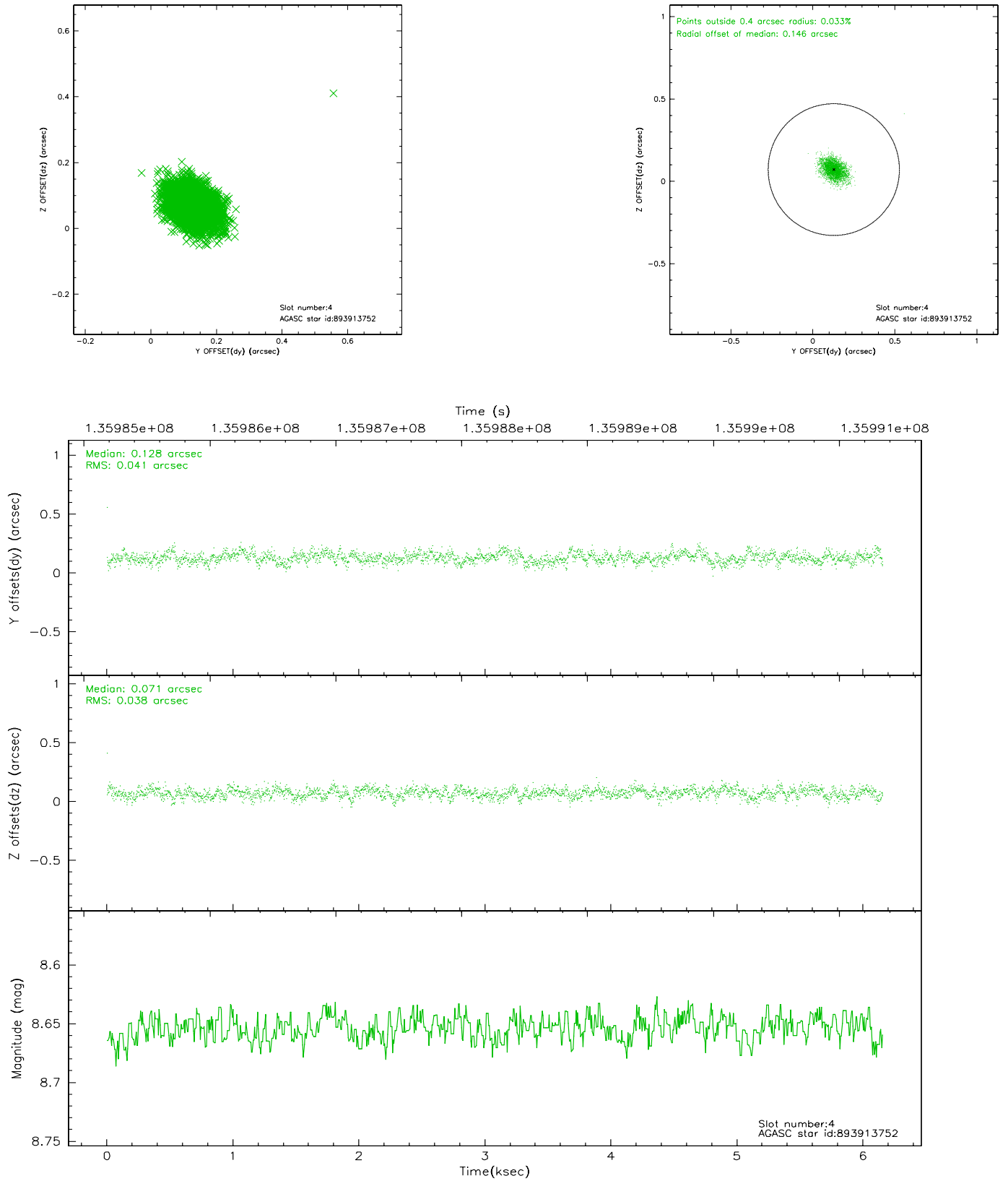


## 2.4 Star Slots

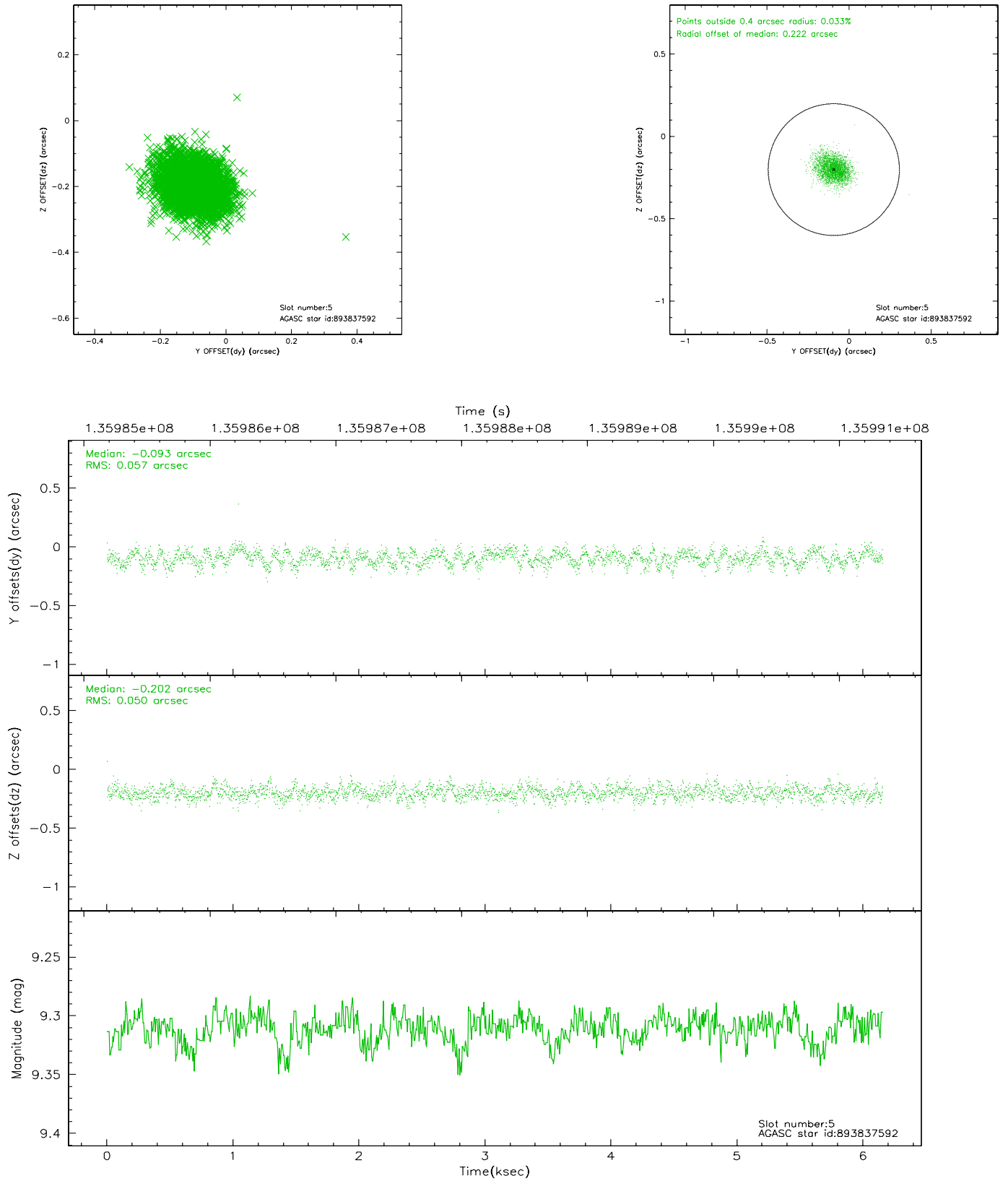
### 2.4.1 Slot 3



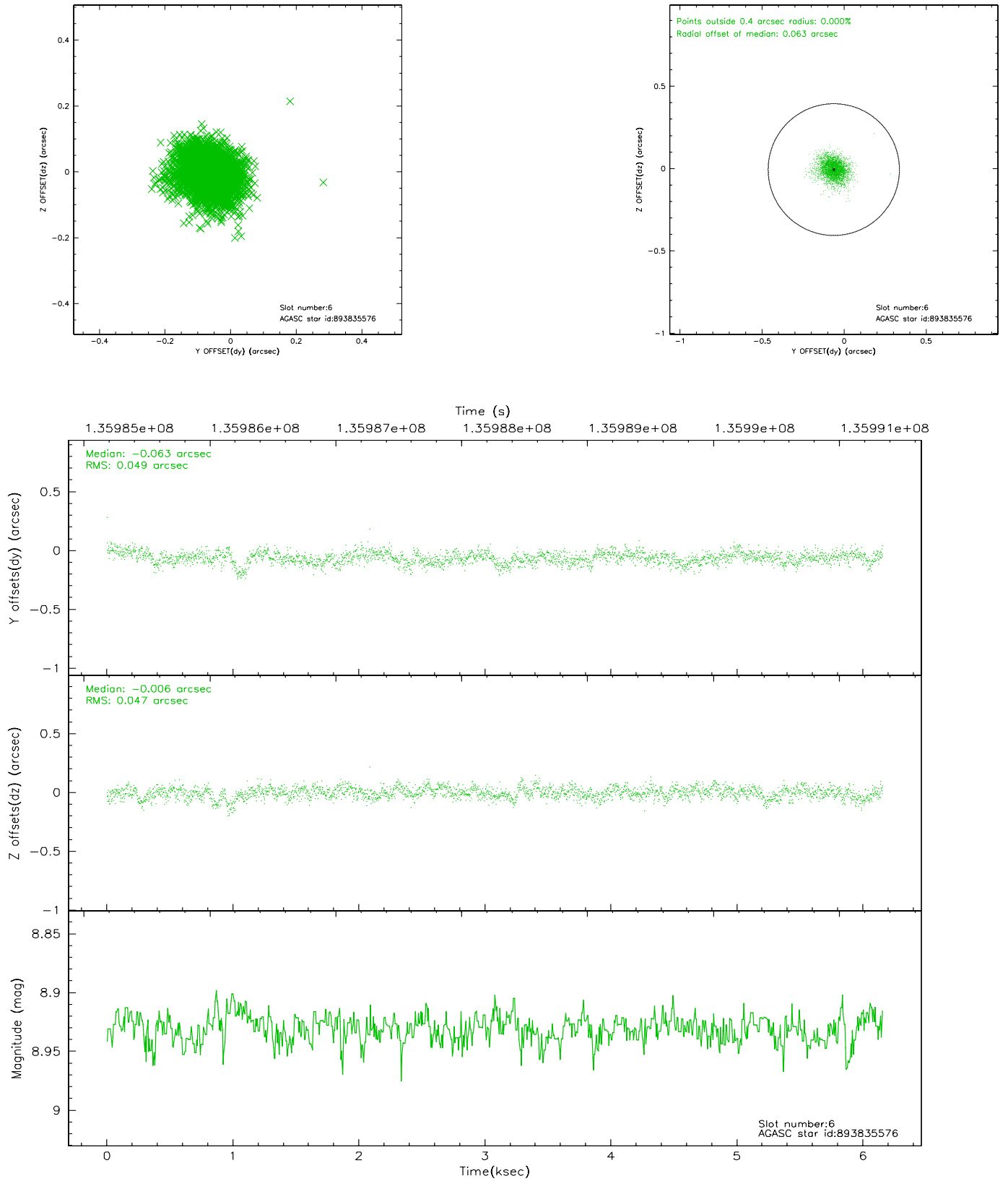
## 2.4.2 Slot 4



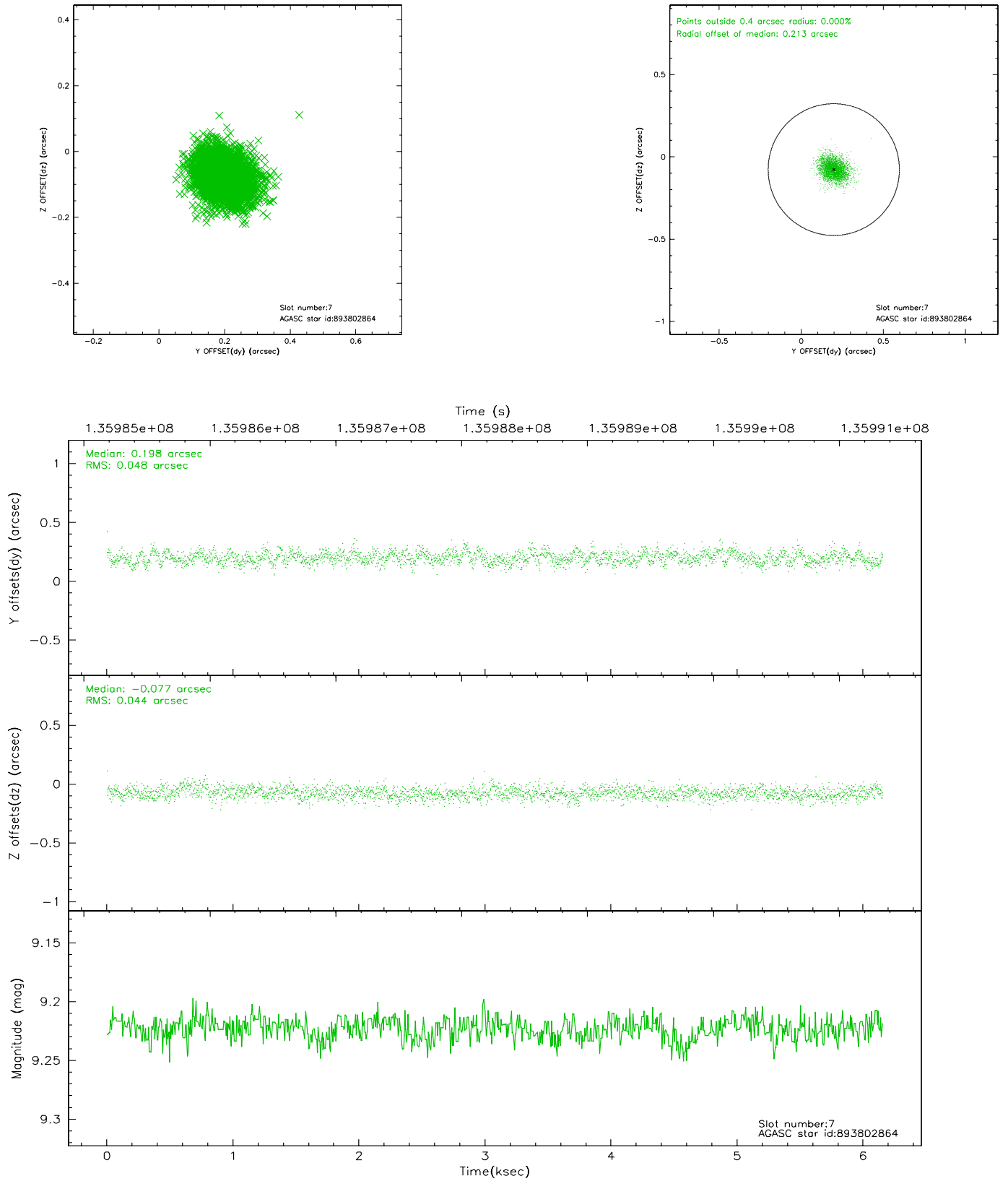
### 2.4.3 Slot 5



## 2.4.4 Slot 6

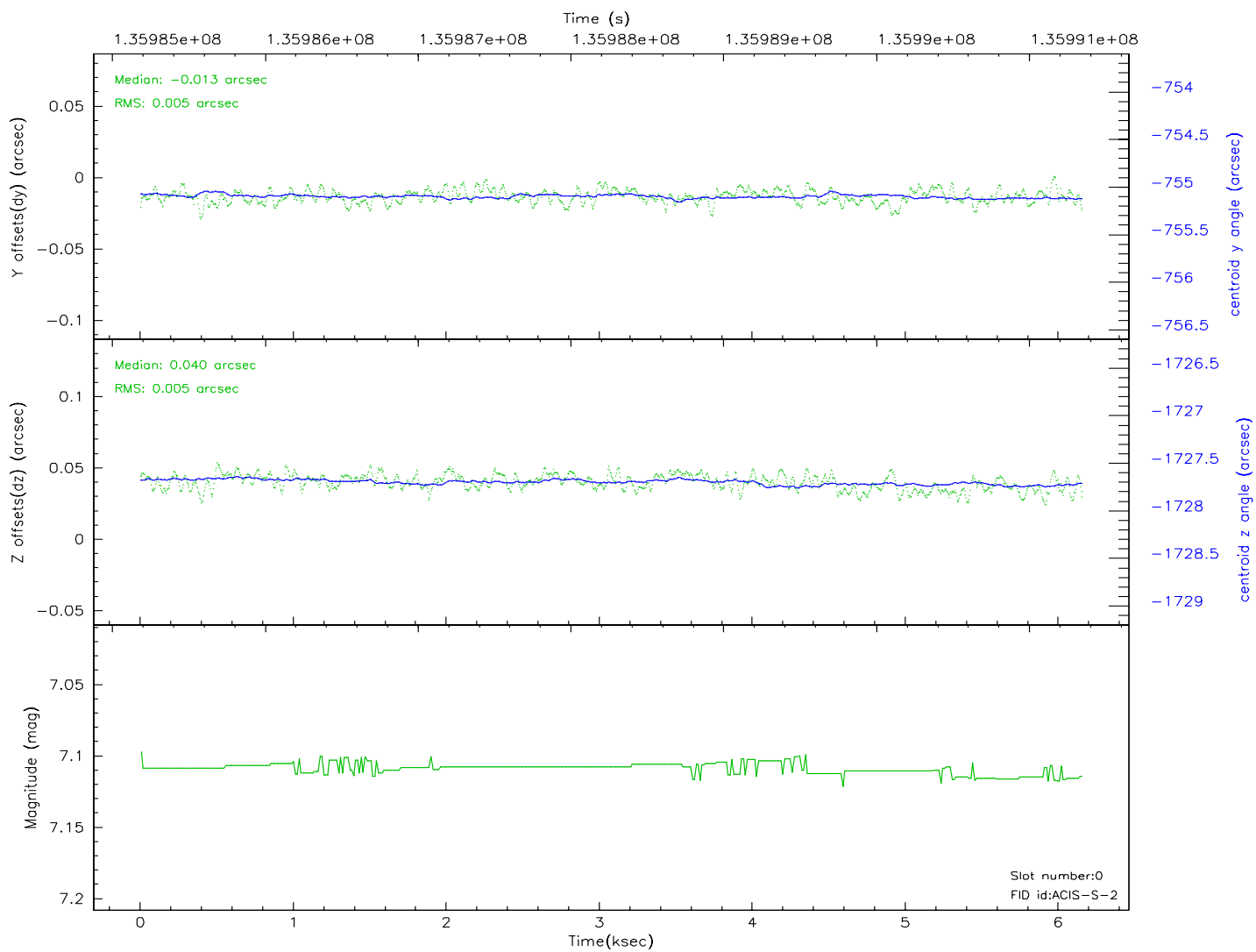
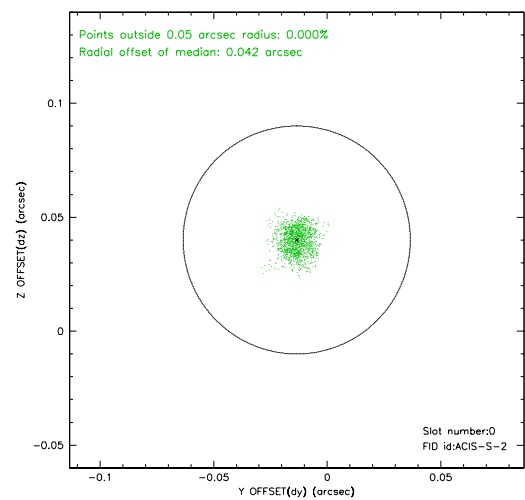
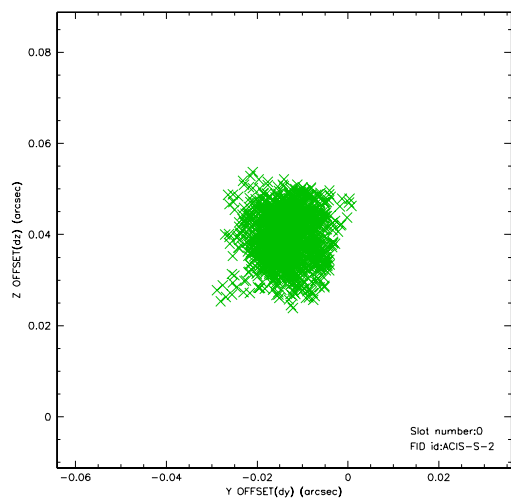


## 2.4.5 Slot 7

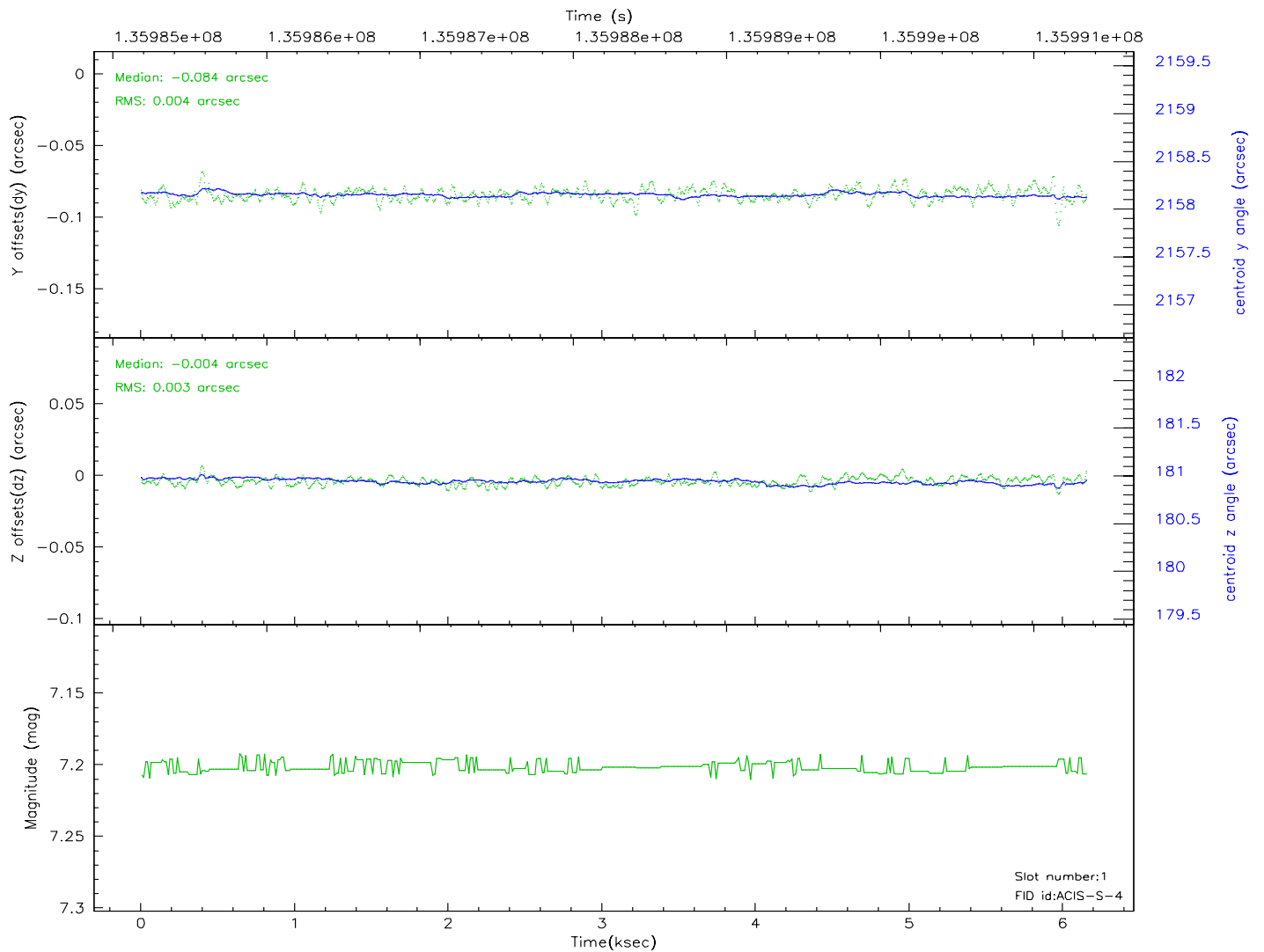
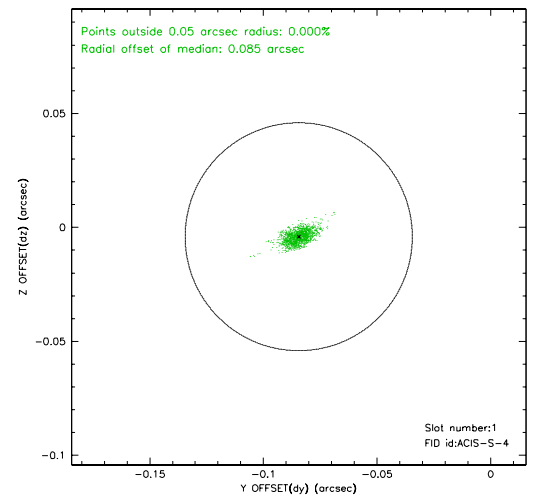
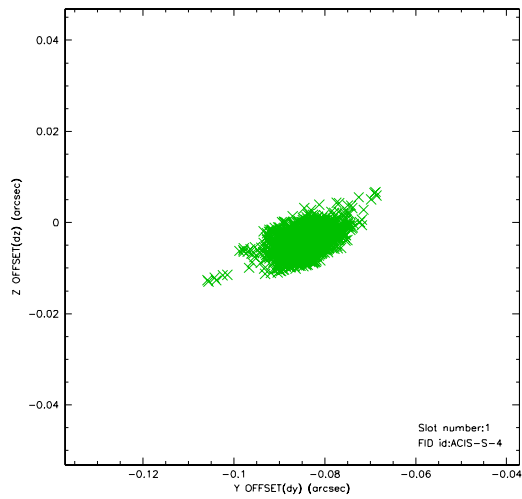


## 2.5 FID Slots

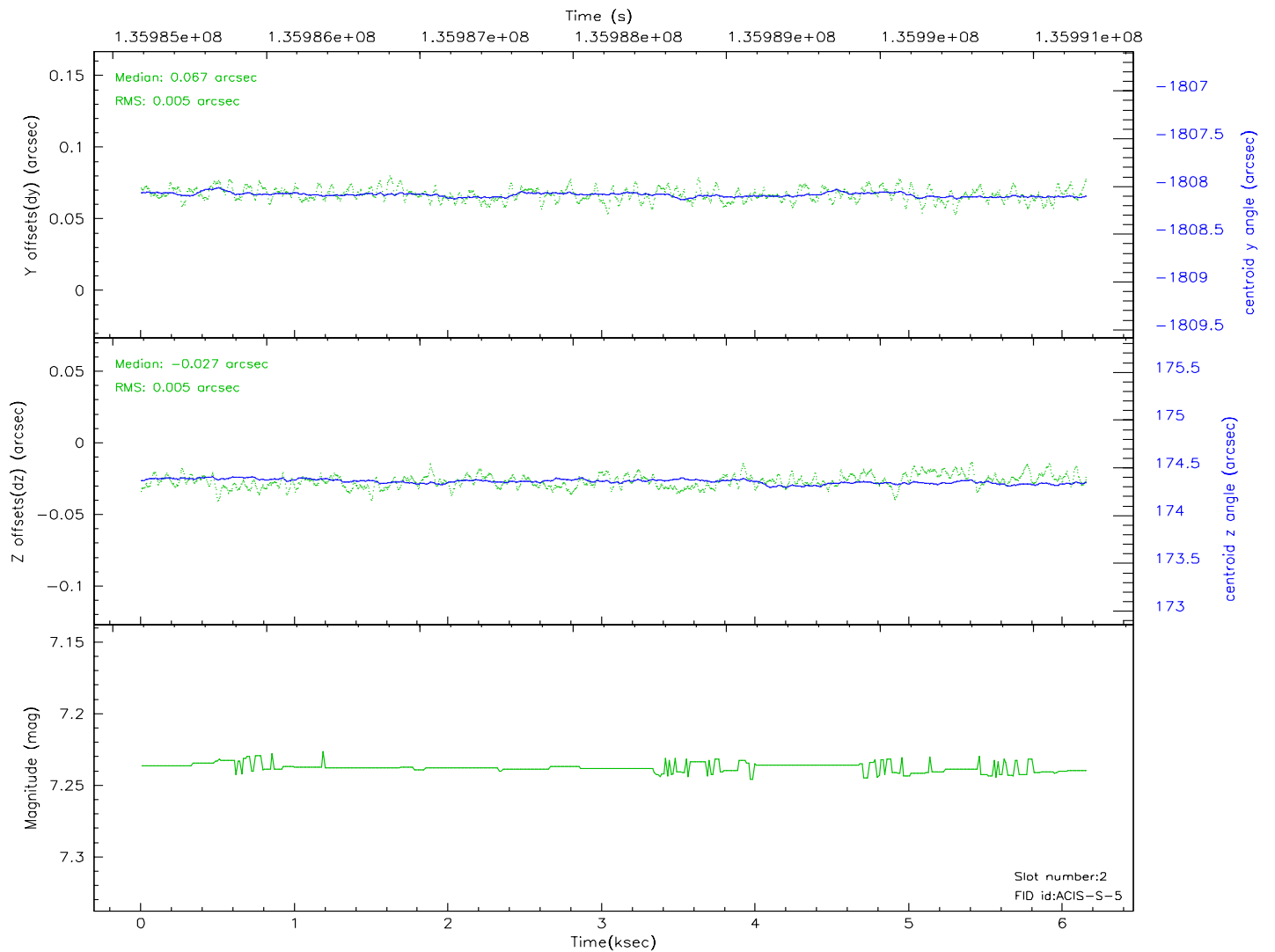
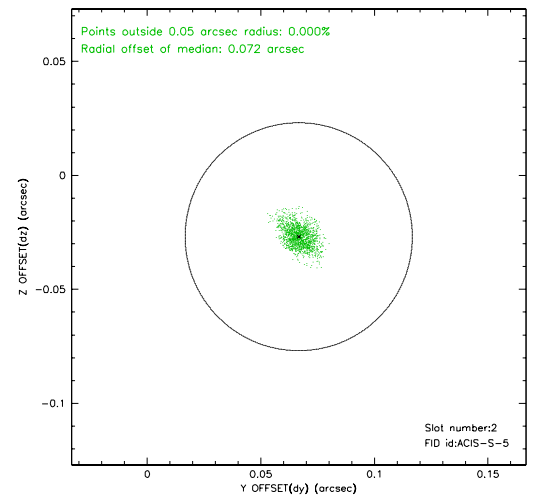
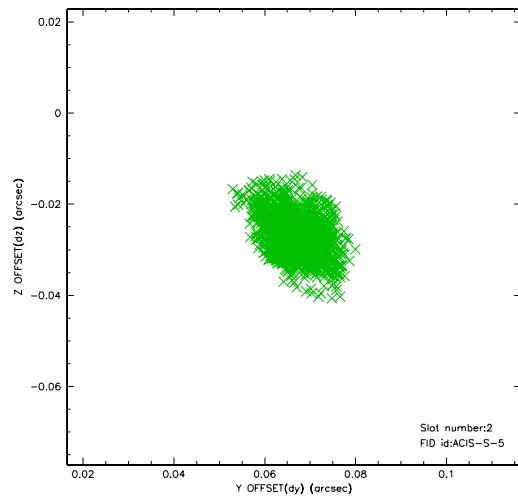
### 2.5.1 Slot 0



## 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)	2006.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.231

### A.2 Comments

Monitor constraint not met, follows obs3475 by 13 days.