

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3827 - L2 Version 001  
Chandra X-Ray Center

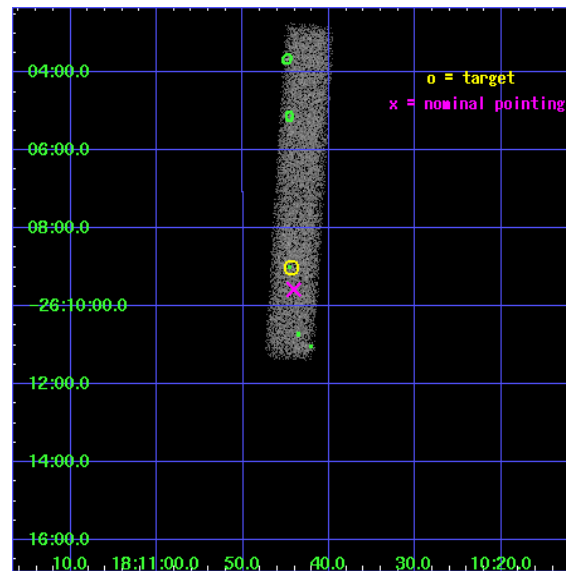
L2 Processing Date : Jul 11 2006

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# 1 Front

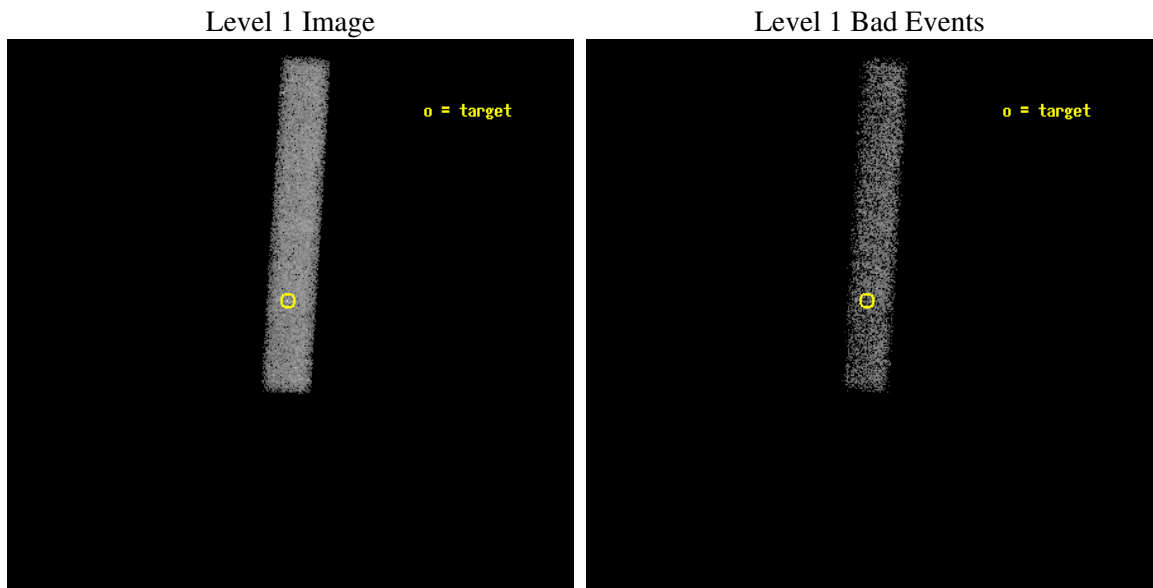
seq_num	400314
obs_id	3827
title	FAINT NEUTRON STAR SOFT X-RAY TRANSIENTS IN QUIESCENCE
observer	Dr Peter Jonker
object	SAX J1810.8-2609
dtcycle	0
cycle	P
ra_targ	272.685
dec_targ	-26.15
ra_nom	272.68374650736
dec_nom	-26.159594853377
roll_nom	273.463028772
revision	2
ontime	35141.559483647
livetime	31871.539528068
ontime7	35141.559483647
l2events	17110



## 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
caldbver	3.2.2
date	2006-07-11T07:26:31
revision	2

sched_exp_time	35000.000000
ontime	36075.804952681
ontime7	36075.804952681
l1events	40757

### 2.1.4 Events

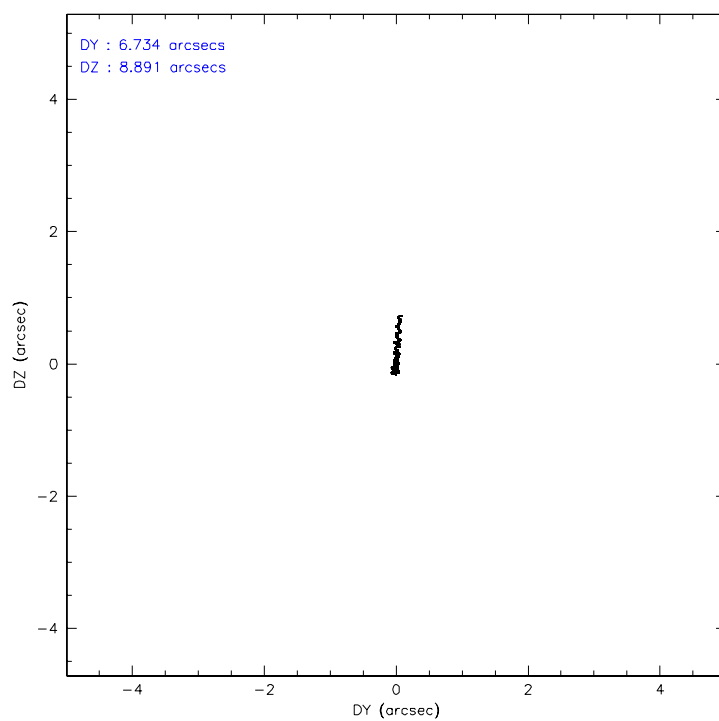
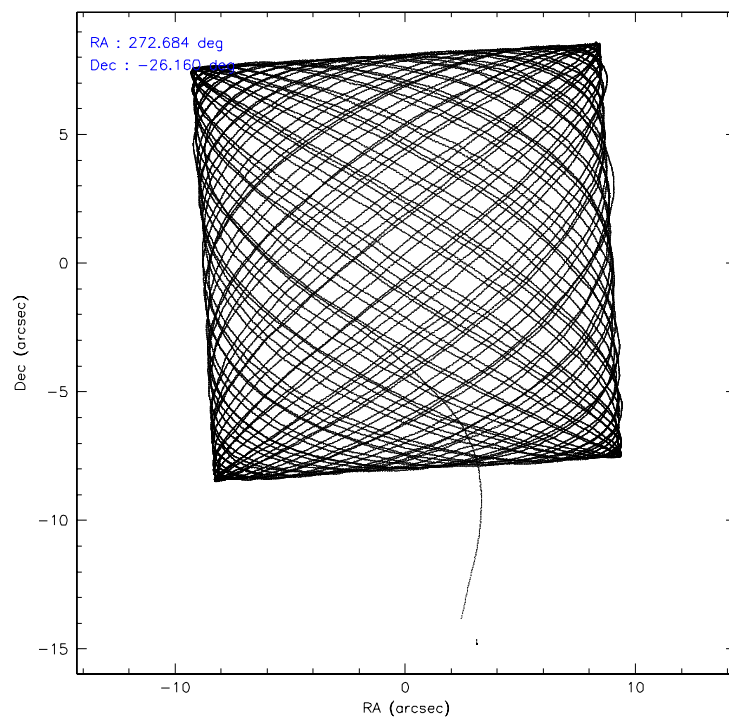
	<b>ccd 7</b>
level 1 events	40757
rejected events	22959
rejected %	56%

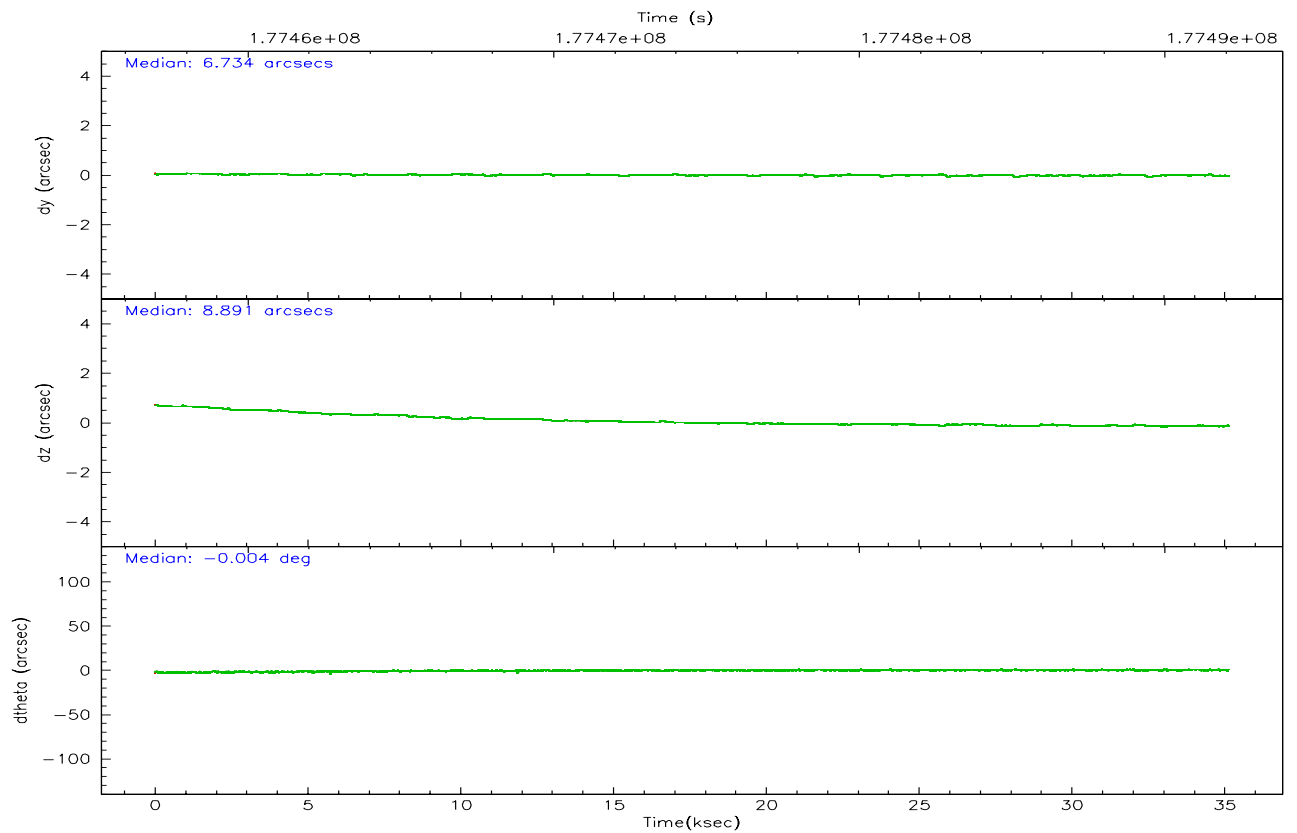
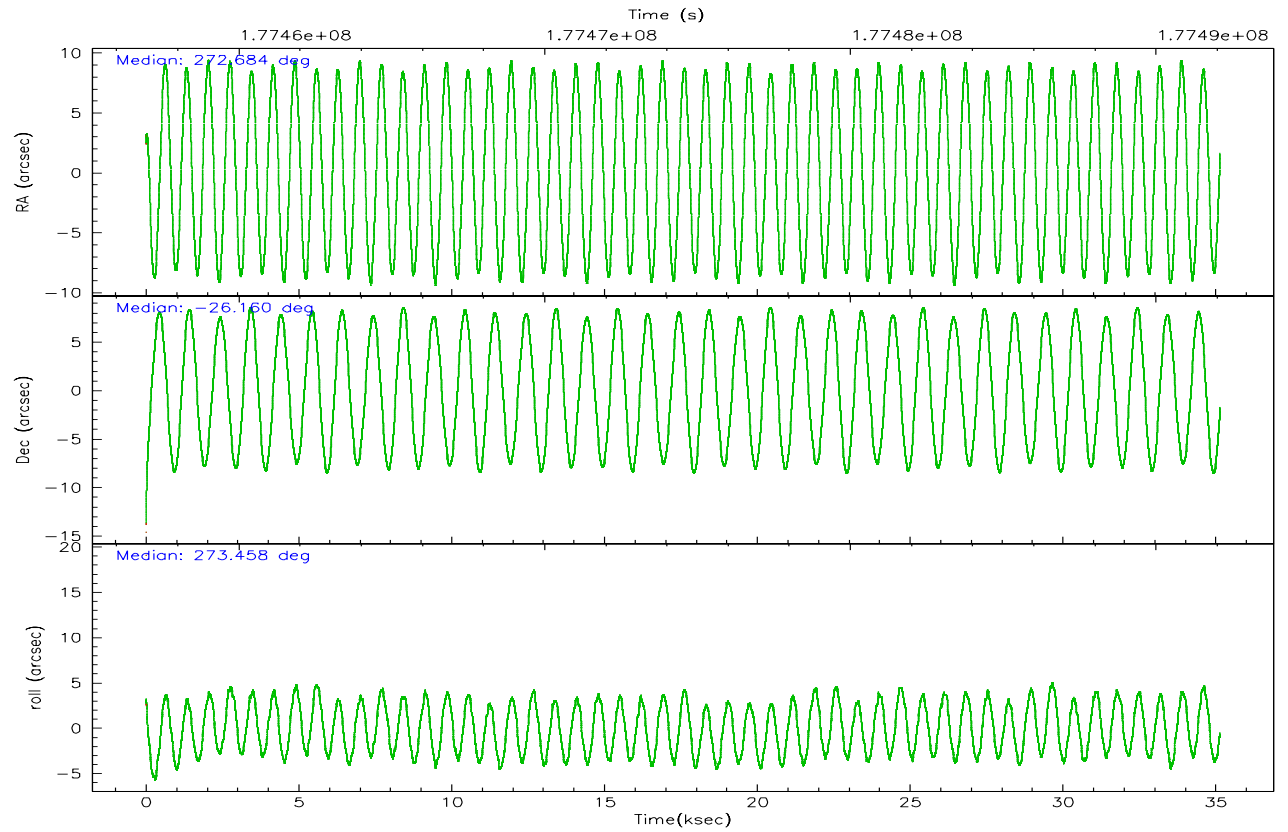
	<b>ccd 7</b>
grade 0 events	1522
	3%
grade 1 events	25
	0%
grade 2 events	4114
	10%
grade 3 events	1910
	4%
grade 4 events	1863
	4%
grade 5 events	2880
	7%
grade 6 events	8805
	21%
grade 7 events	19638
	48%

## 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	1/8	1/8
Pointing RA	272.666687	272.6837465073611	Subarray start row	0	449
Pointing Dec	-26.137095	-26.15959485337697	Subarray row count	1024	128
Pointing Roll	273.298882	273.4630287720026	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	177457101.184000	177456025.72463			
Observation start date	2003-08-16T21:37:17	2003-08-16T21:20:25			
Observation end time	177492101.184000	177493787.23875			
Observation end date	2003-08-17T07:20:37	2003-08-17T07:49:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect





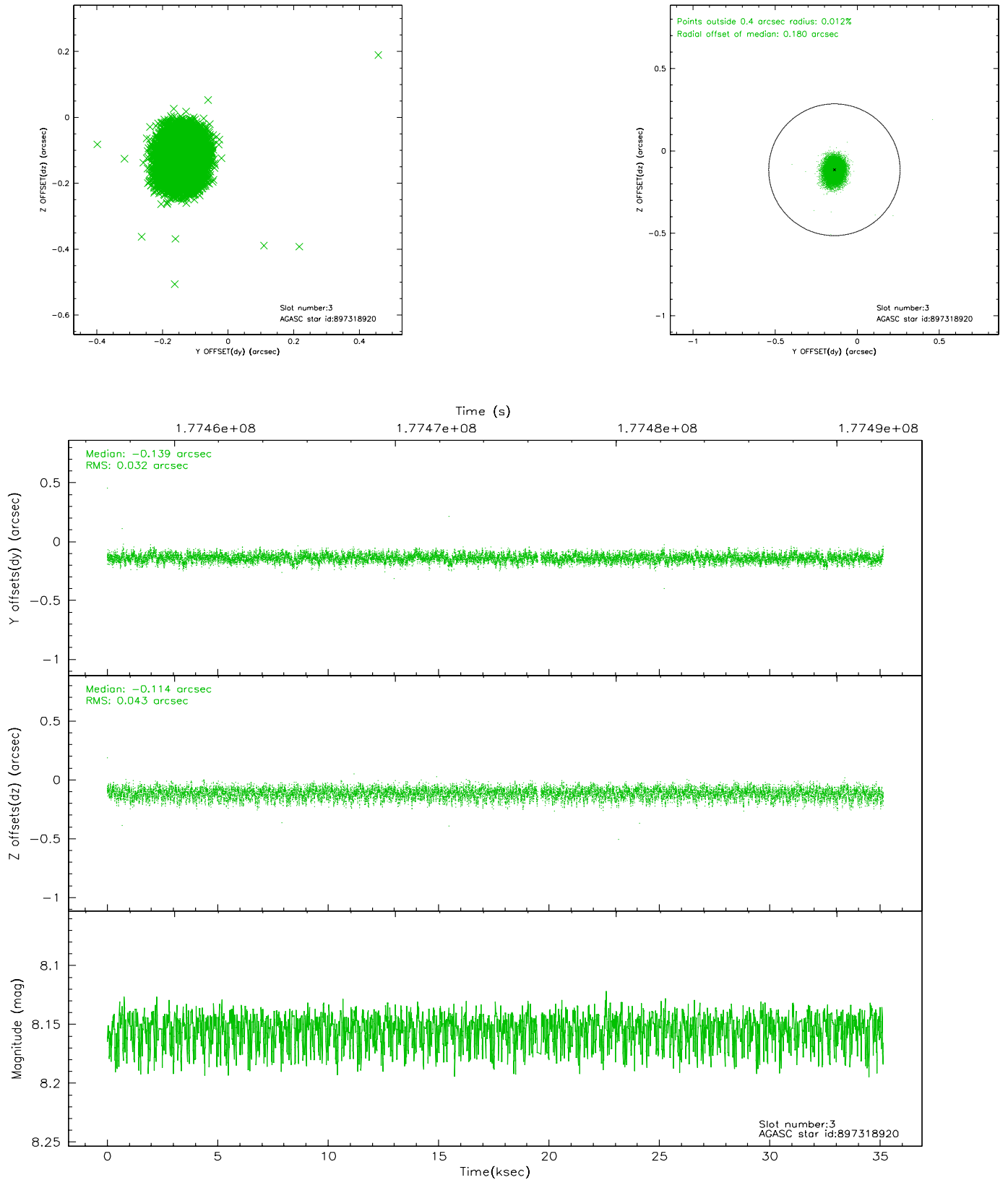
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	8571	-0.027	-0.017	0.008	0.015	0.000000	0.000000	-759.51	-1730.18
1	FID	ACIS-S-4	7.20	8571	0.026	0.018	0.006	0.012	0.000000	0.000000	2153.80	178.30
2	FID	ACIS-S-5	7.23	8572	-0.030	0.009	0.007	0.014	0.000000	0.000000	-1812.30	172.01
3	GUIDE	897318920	8.15	17067	-0.139	-0.114	0.057	0.092	272.091103	-25.714927	-1620.29	-1776.61
4	GUIDE	897452472	8.55	17140	0.025	0.023	0.061	0.099	272.897639	-26.119105	-20.81	749.17
5	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
6	GUIDE	898027632	7.98	17141	0.099	-0.016	0.051	0.084	272.207016	-26.554933	1419.84	-1564.15
7	GUIDE	897450216	9.54	17123	0.015	0.111	0.086	0.141	272.948933	-26.020225	-366.12	936.00

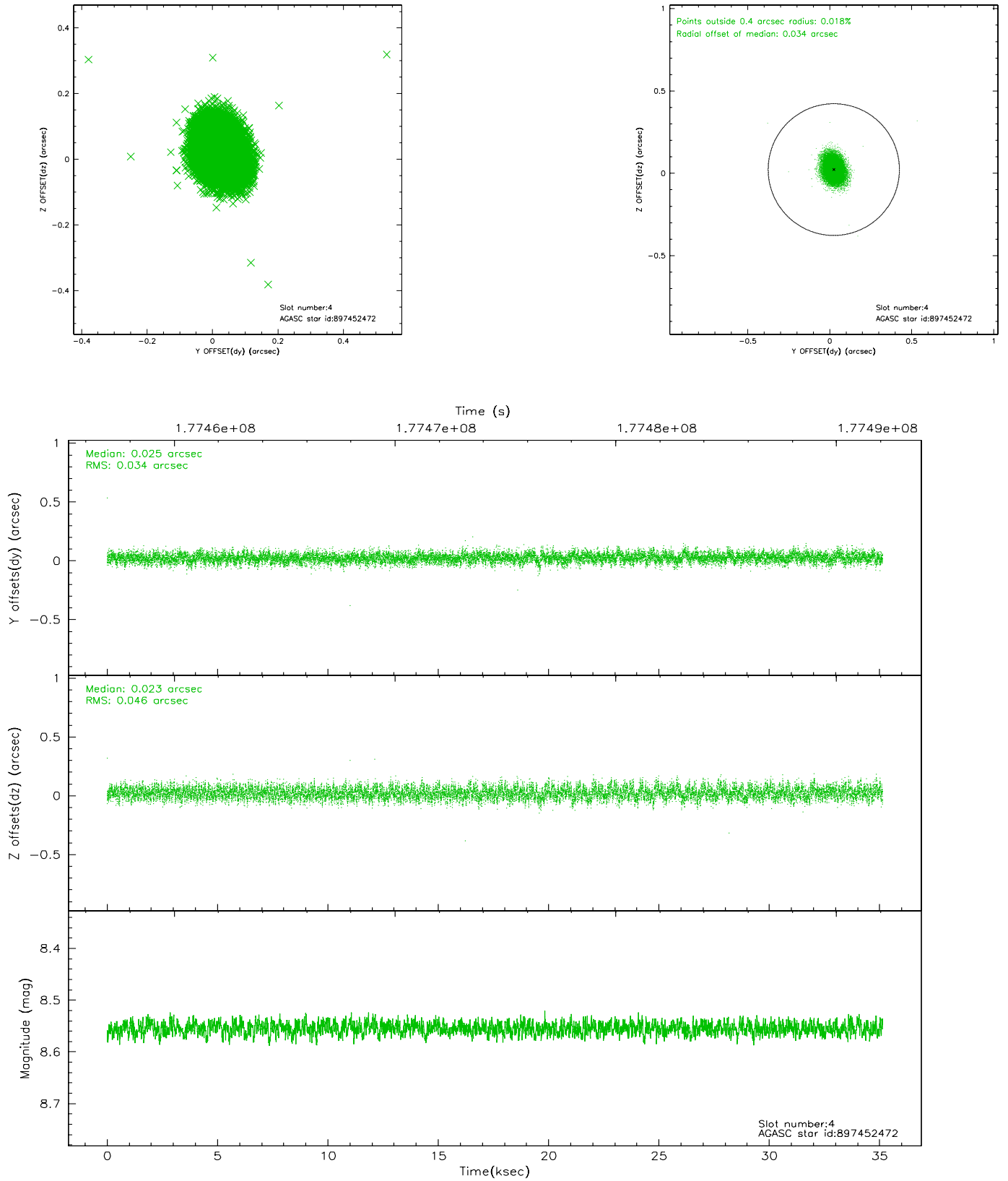


## 2.4 Star Slots

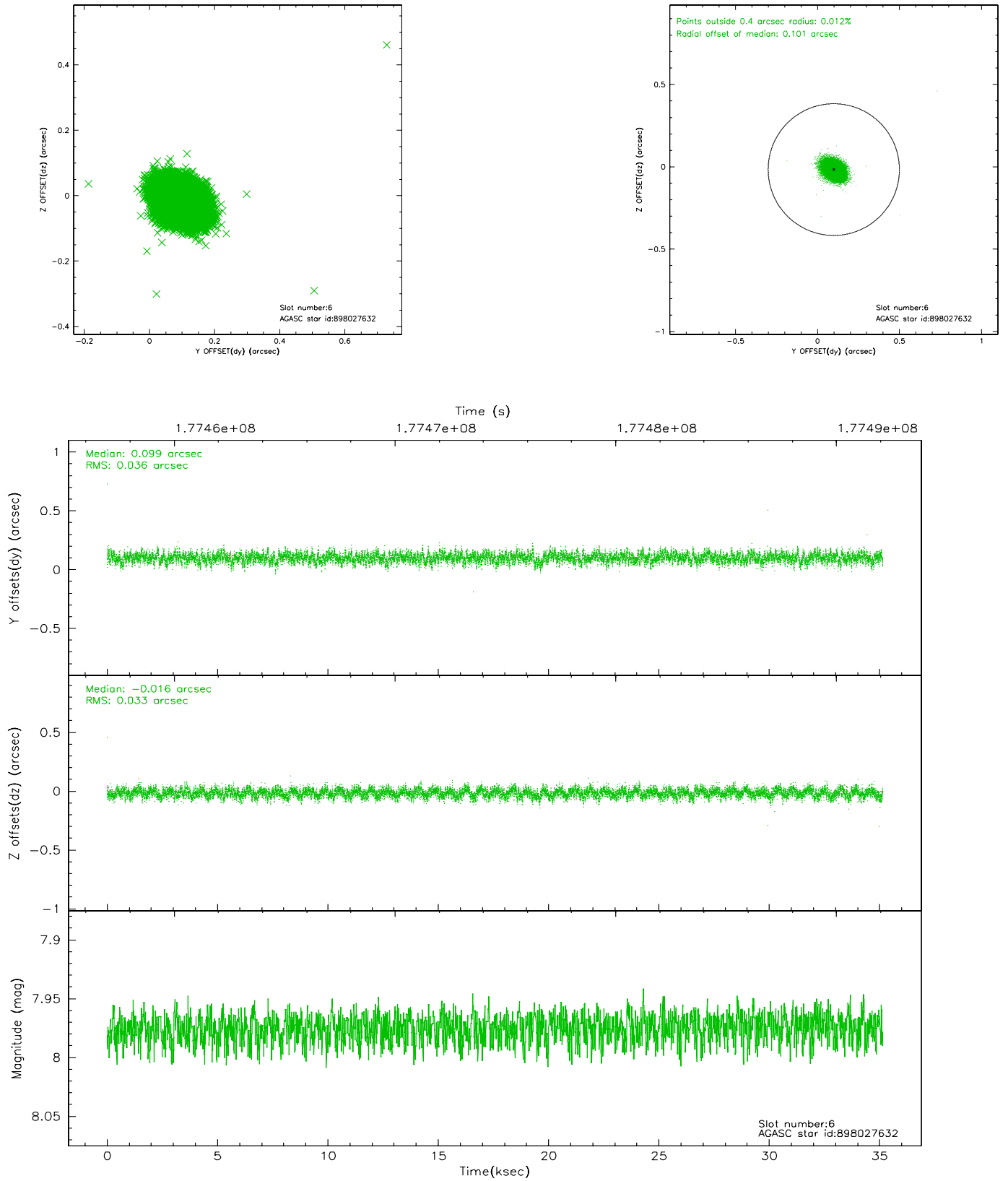
### 2.4.1 Slot 3



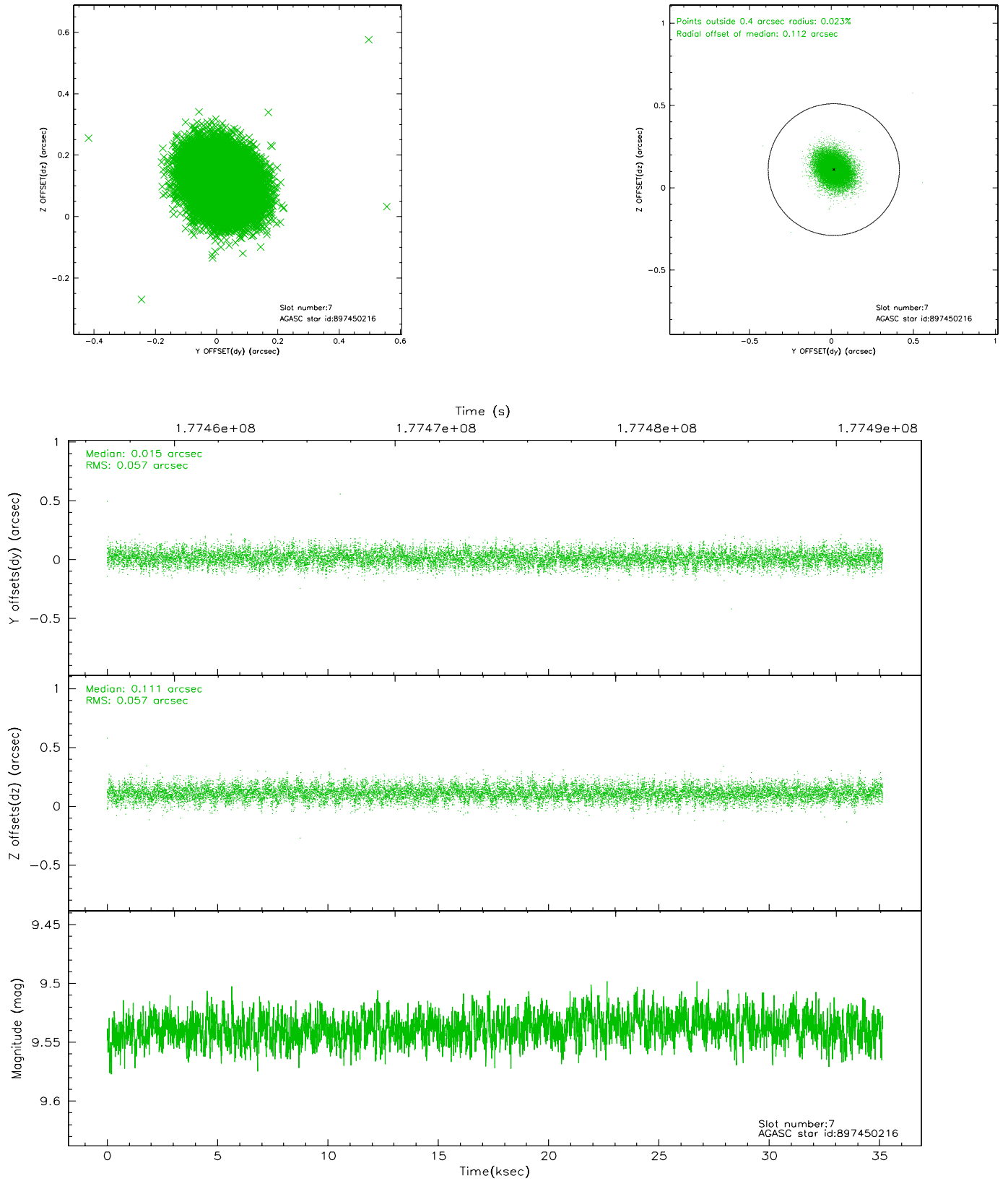
## 2.4.2 Slot 4



### 2.4.3 Slot 6

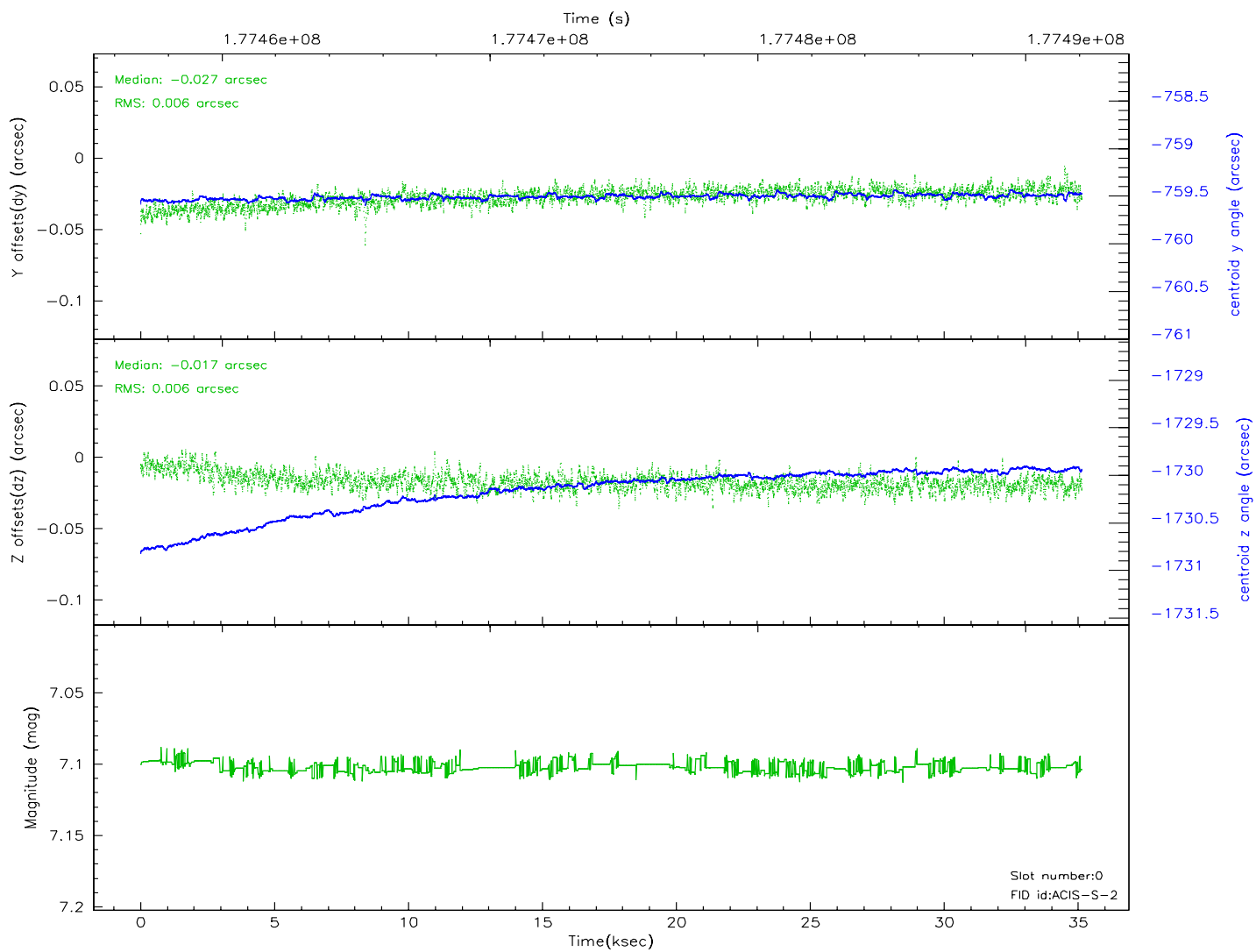
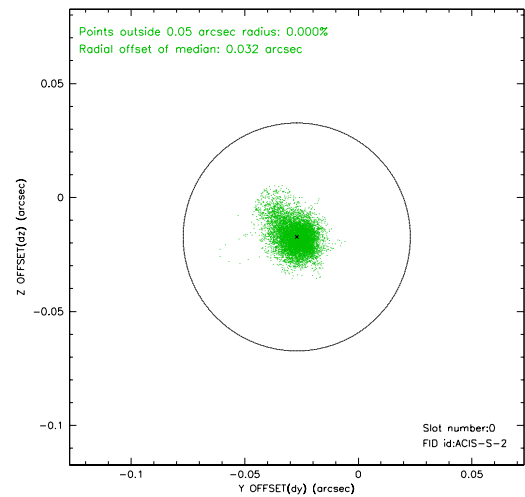
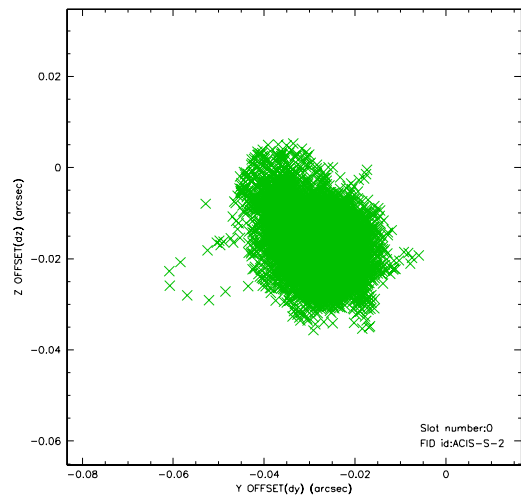


## 2.4.4 Slot 7

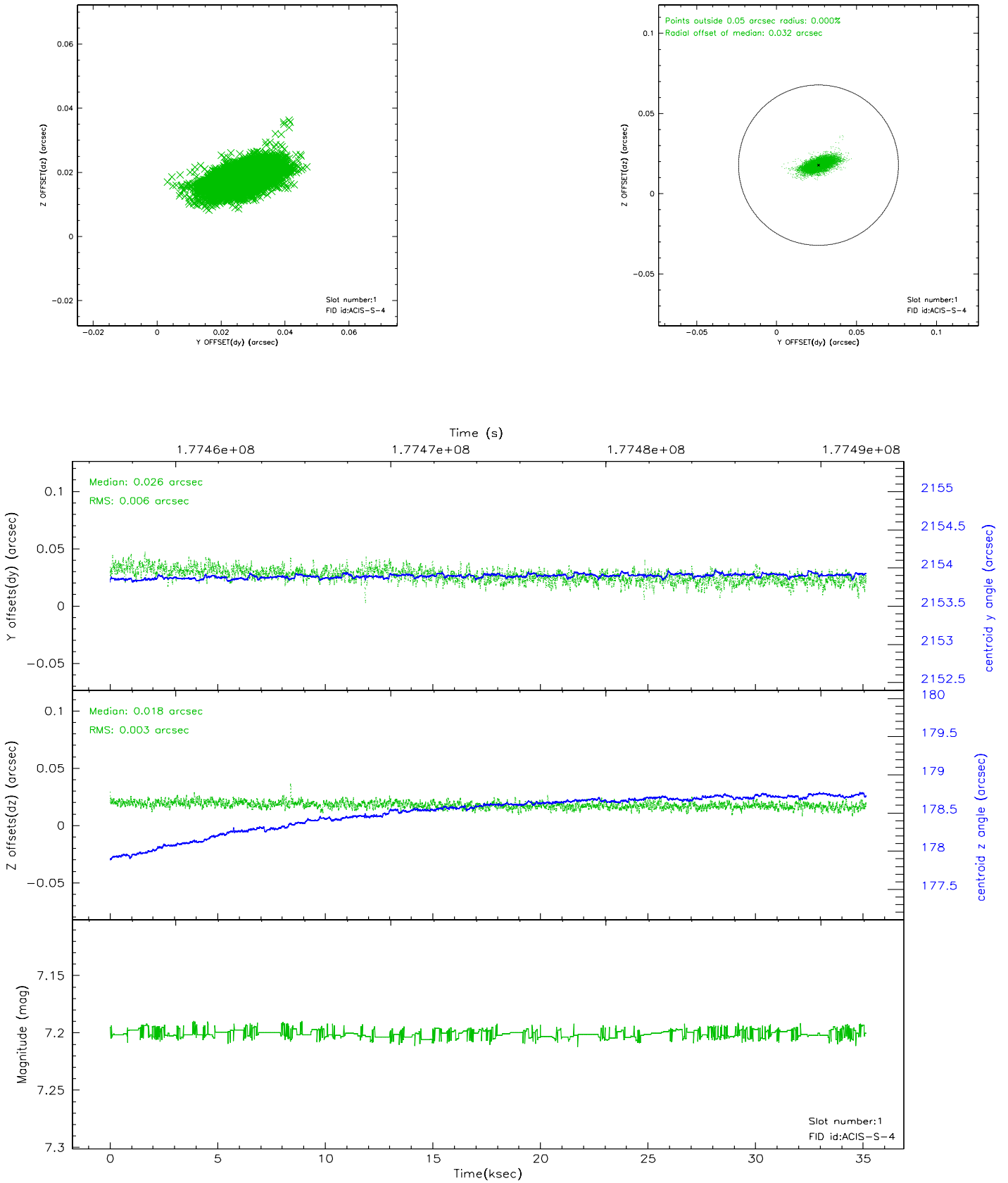


## 2.5 FID Slots

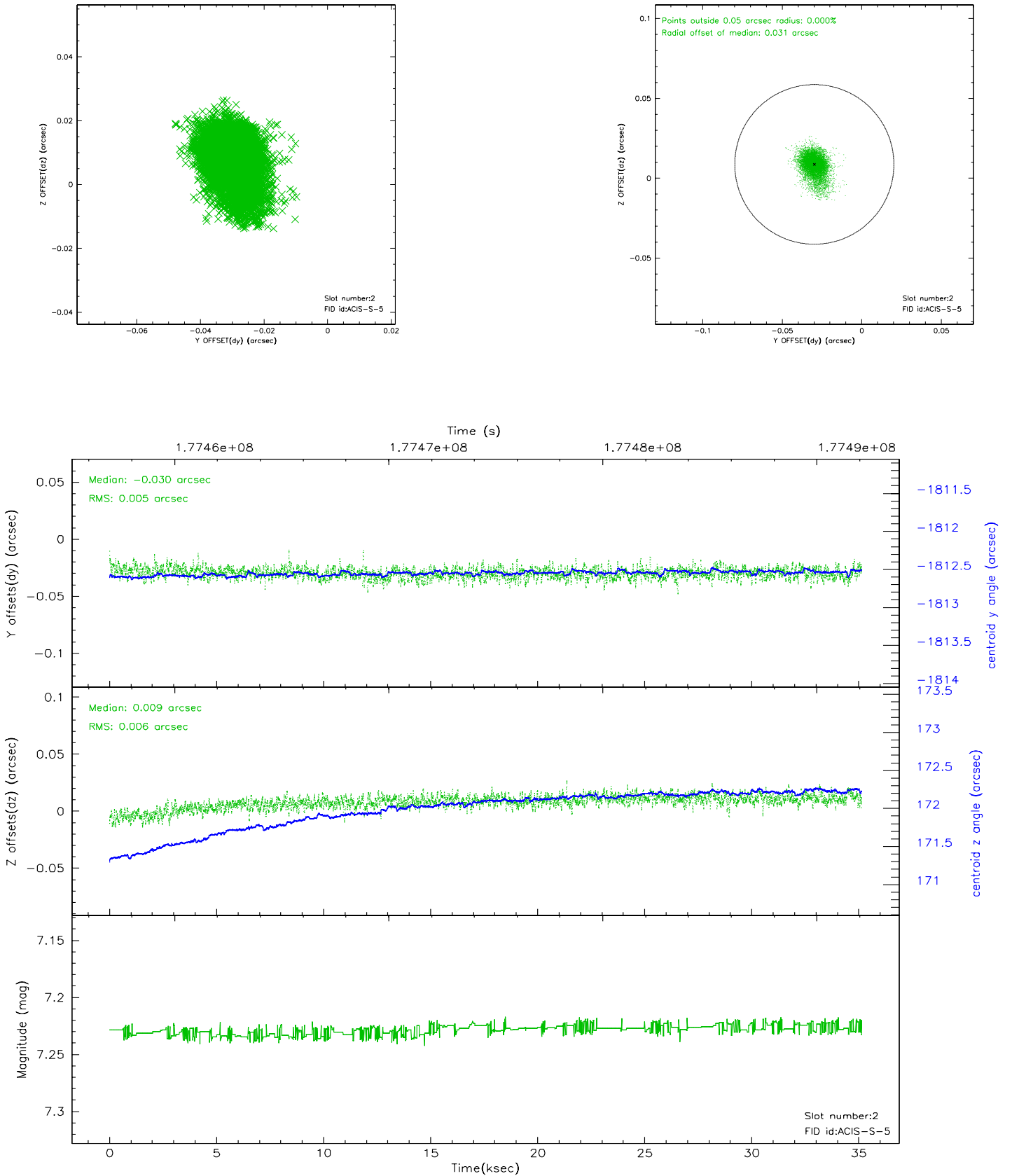
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources

5.91 arcmin





## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.141

### A.2 Comments