

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3781 - L2 Version 001  
Chandra X-Ray Center

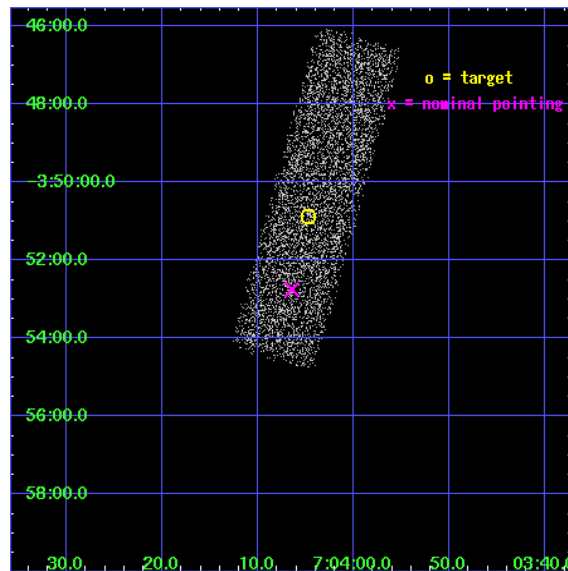
L2 Processing Date : Jul 27 2006

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# 1 Front

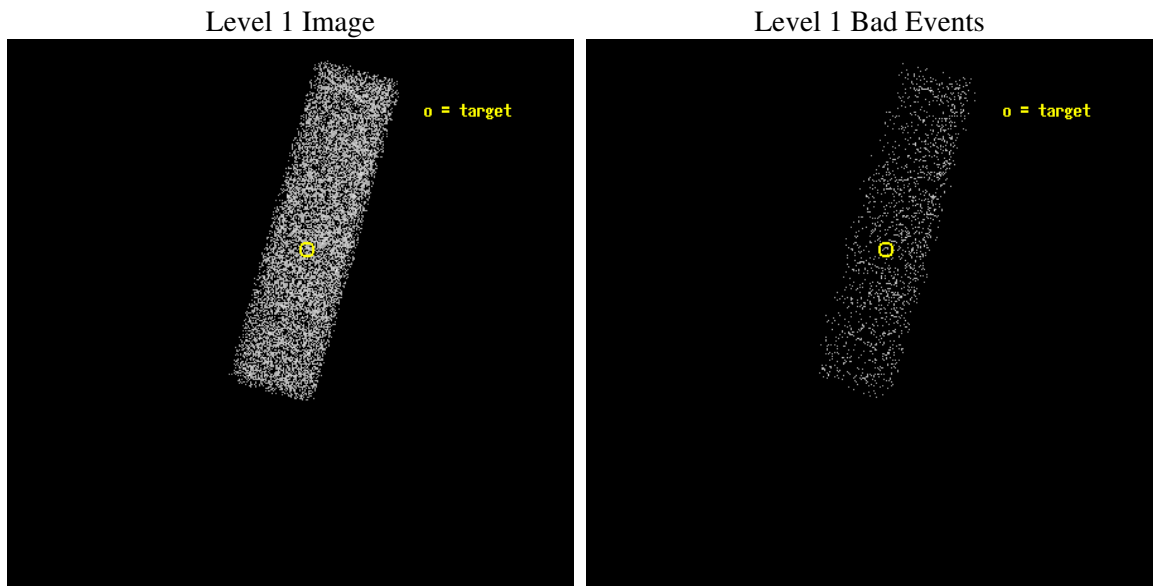
seq_num	300106
obs_id	3781
title	A X-RAY WINDOW TO V838 MON, A BRIGHT SYMBIOTIC NOVA
observer	Dr. Marina Orio
object	V838 MON
dtcycle	0
cycle	P
ra_targ	106.02
dec_targ	-3.847528
ra_nom	106.02704617544
dec_nom	-3.8791257809888
roll_nom	285.61455361345
revision	2
ontime	7147.2001065016
livedtime	6798.4401279384
ontime7	7147.2001065016
l2events	6141



## 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	2006-07-28T02:05:41
revision	2

sched_exp_time	6563.187000
ontime	7394.335991025
ontime7	7394.335991025
ll events	15634

### 2.1.4 Events

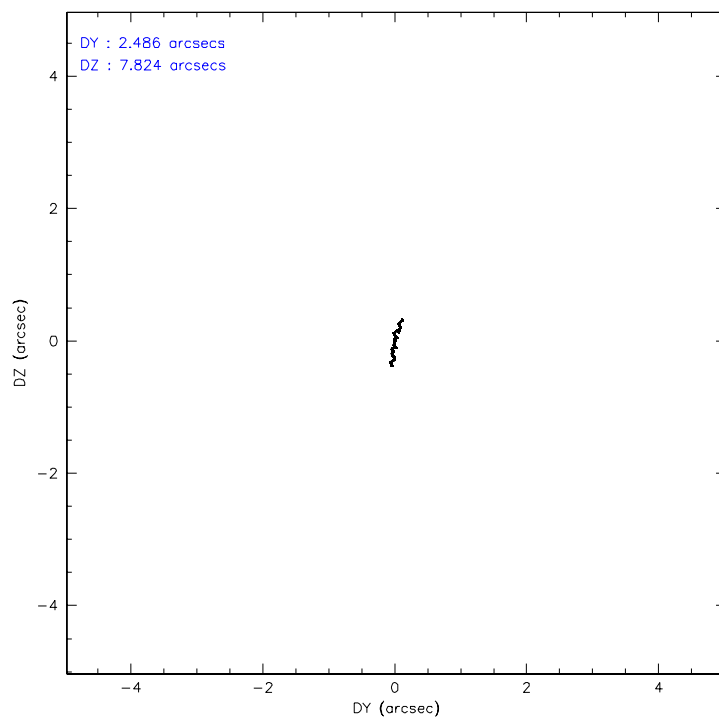
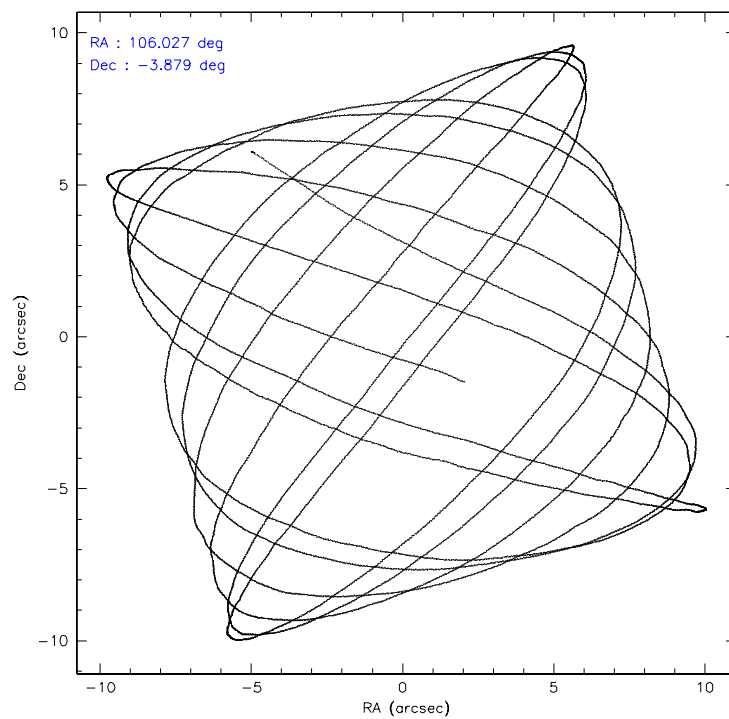
	<b>ccd 7</b>
level 1 events	15634
rejected events	9288
rejected %	59%

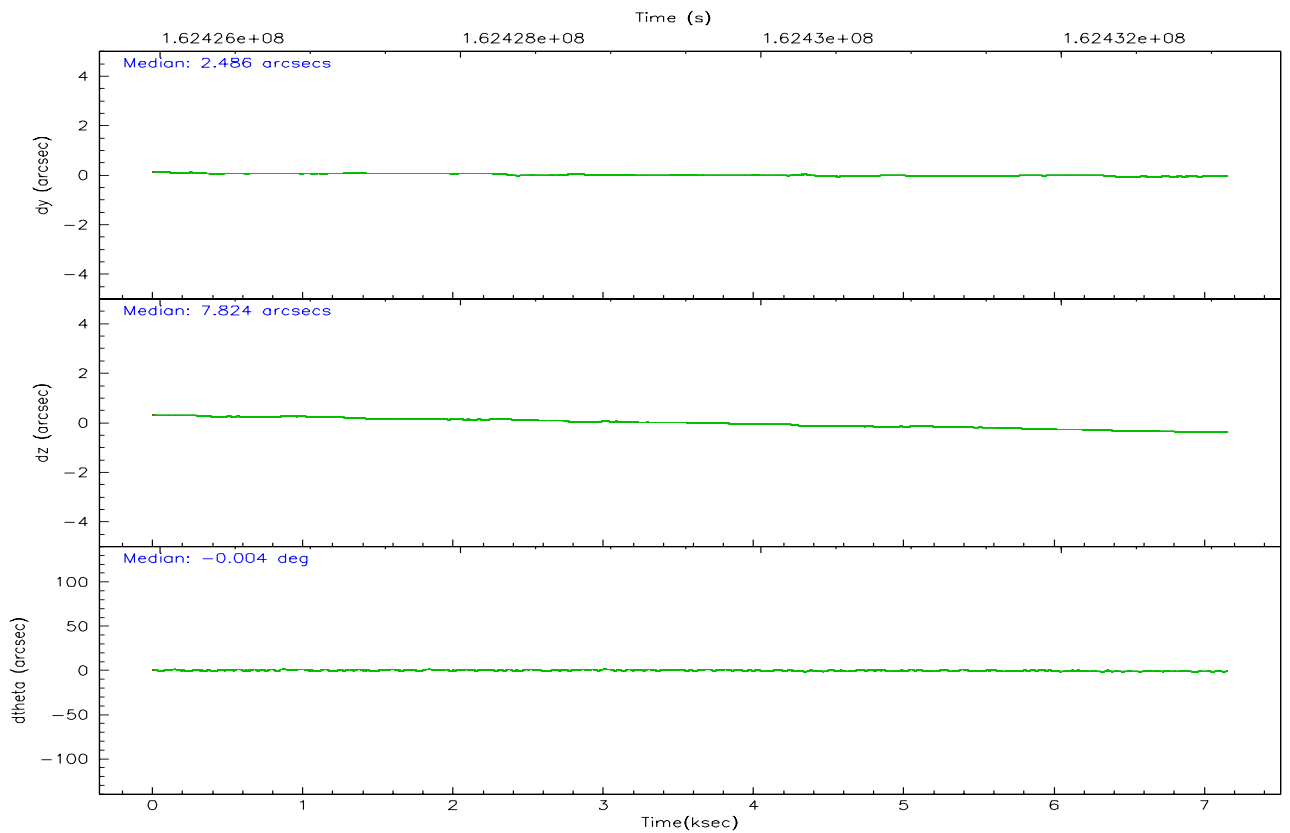
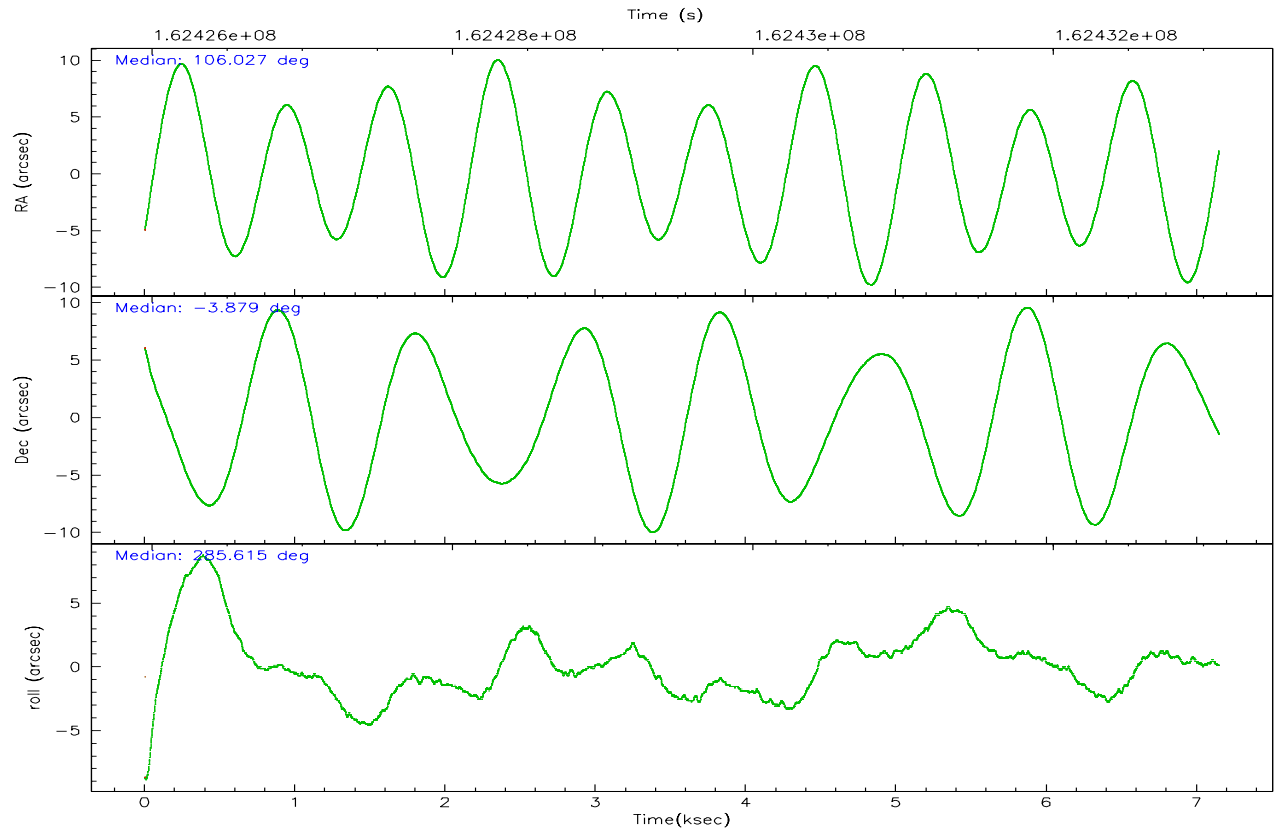
	<b>ccd 7</b>
grade 0 events	458
	2%
grade 1 events	14
	0%
grade 2 events	1507
	9%
grade 3 events	549
	3%
grade 4 events	516
	3%
grade 5 events	1052
	6%
grade 6 events	3560
	22%
grade 7 events	7978
	51%

## 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	106.007272	106.0270461754353	Subarray start row	0	385
Pointing Dec	-3.860384	-3.879125780988832	Subarray row count	1024	256
Pointing Roll	285.456592	285.6145536134501	Alternating exposures requested	N	N
Window start time	155131264.184000	155131264.184000	Primary exposure time	0.000000	0.8
Window stop time	170856064.184000	170856064.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	162426542.184000	162425379.9876			
Observation start date	2003-02-23T22:27:58	2003-02-23T22:09:39			
Observation end time	162433105.184000	162433420.08794			
Observation end date	2003-02-24T00:17:21	2003-02-24T00:23:40			
Read mode	TIMED	TIMED			

## 2.3 Aspect





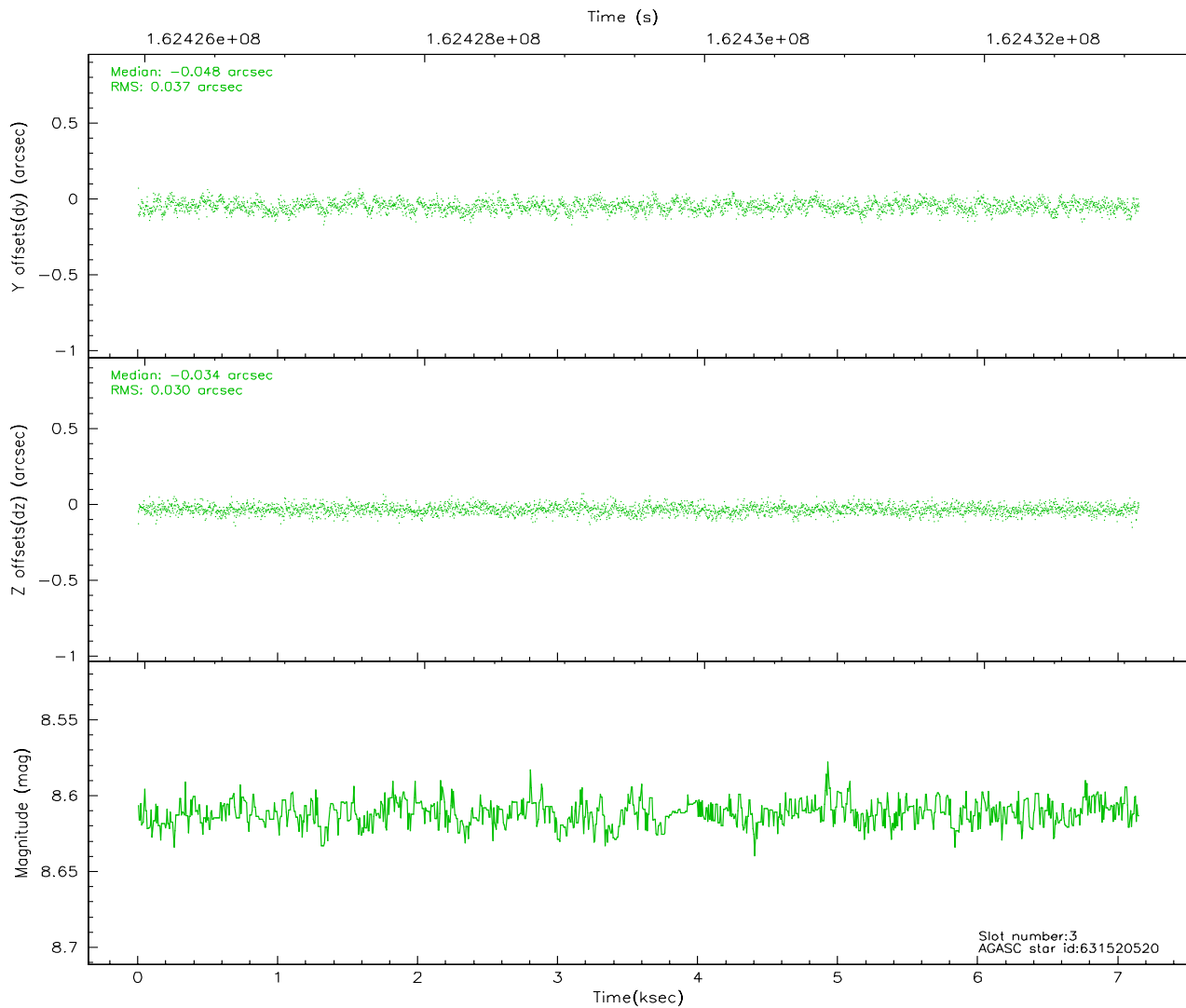
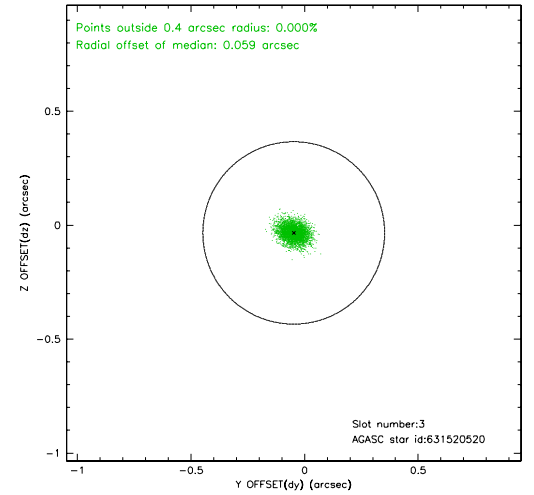
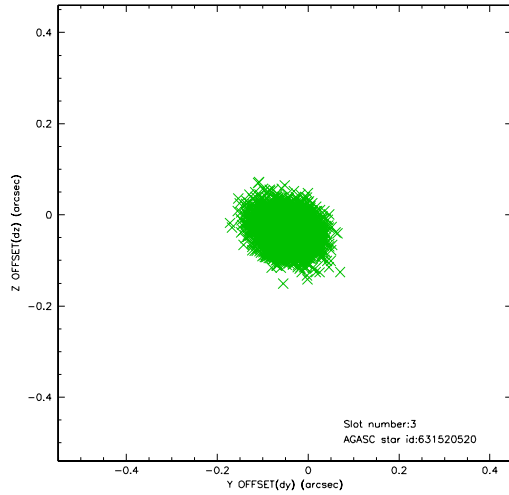
### Slot Statistics

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	1744	-0.008	0.028	0.008	0.012	0.000000	0.000000	-755.14	-1728.86
1	FID	ACIS-S-5	7.24	1744	0.037	0.005	0.008	0.012	0.000000	0.000000	-1808.56	172.27
2	FID	ACIS-S-6	7.35	1744	-0.055	-0.025	0.007	0.015	0.000000	0.000000	405.57	817.04
3	GUIDE	631520520	8.61	3488	-0.048	-0.034	0.050	0.082	106.017336	-3.290144	-1968.64	582.10
4	GUIDE	631521360	8.13	3488	-0.089	-0.001	0.057	0.092	105.606795	-3.321305	-2254.05	-869.86
5	GUIDE	631515768	8.98	3487	-0.091	-0.032	0.071	0.112	105.342384	-3.426544	-2141.66	-1887.12
6	GUIDE	632047896	9.34	3488	0.168	-0.086	0.092	0.146	106.235270	-4.493288	2414.19	180.95
7	GUIDE	632057272	9.14	3485	0.057	0.157	0.084	0.142	106.500809	-4.424430	2430.99	1166.51

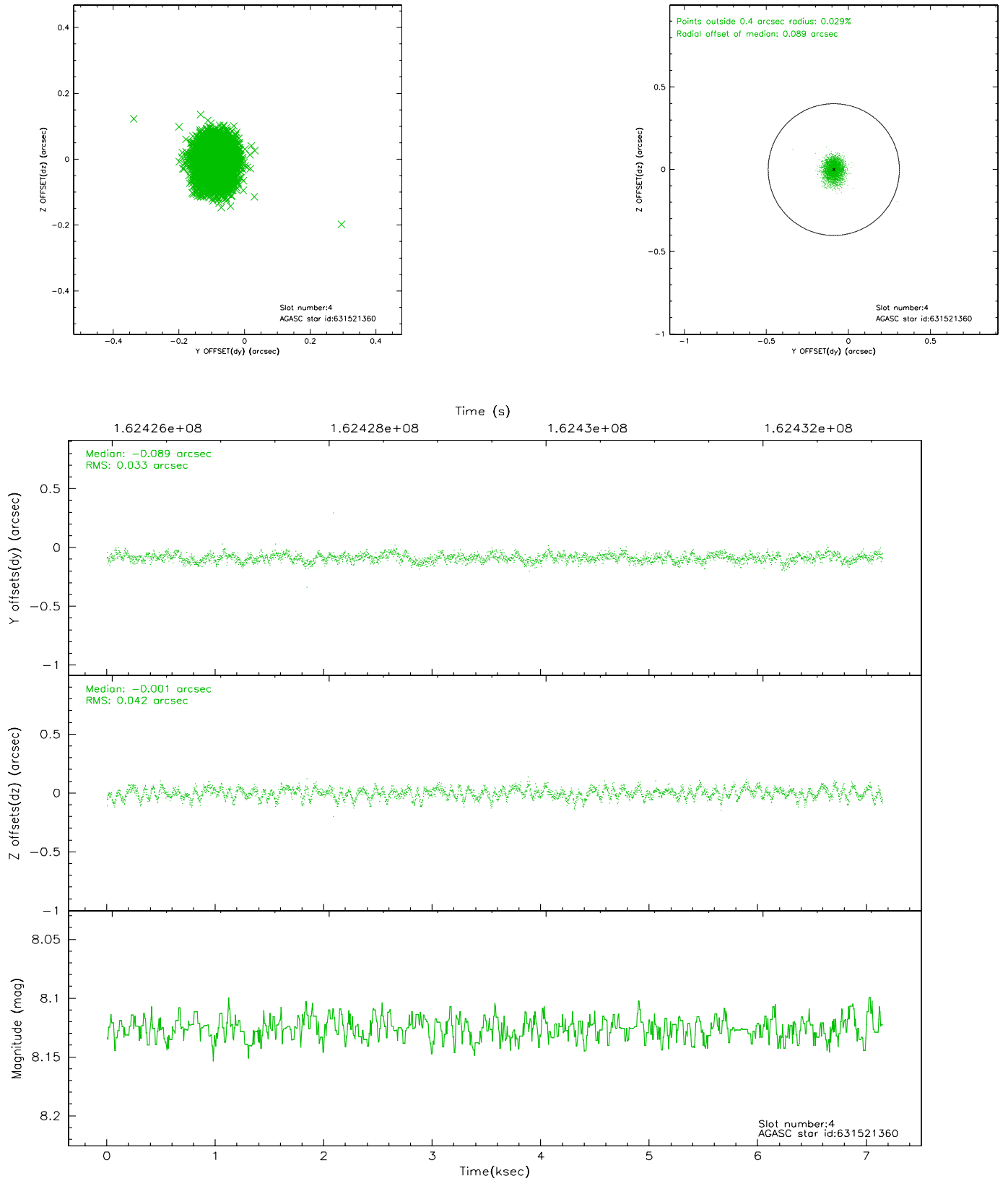


## 2.4 Star Slots

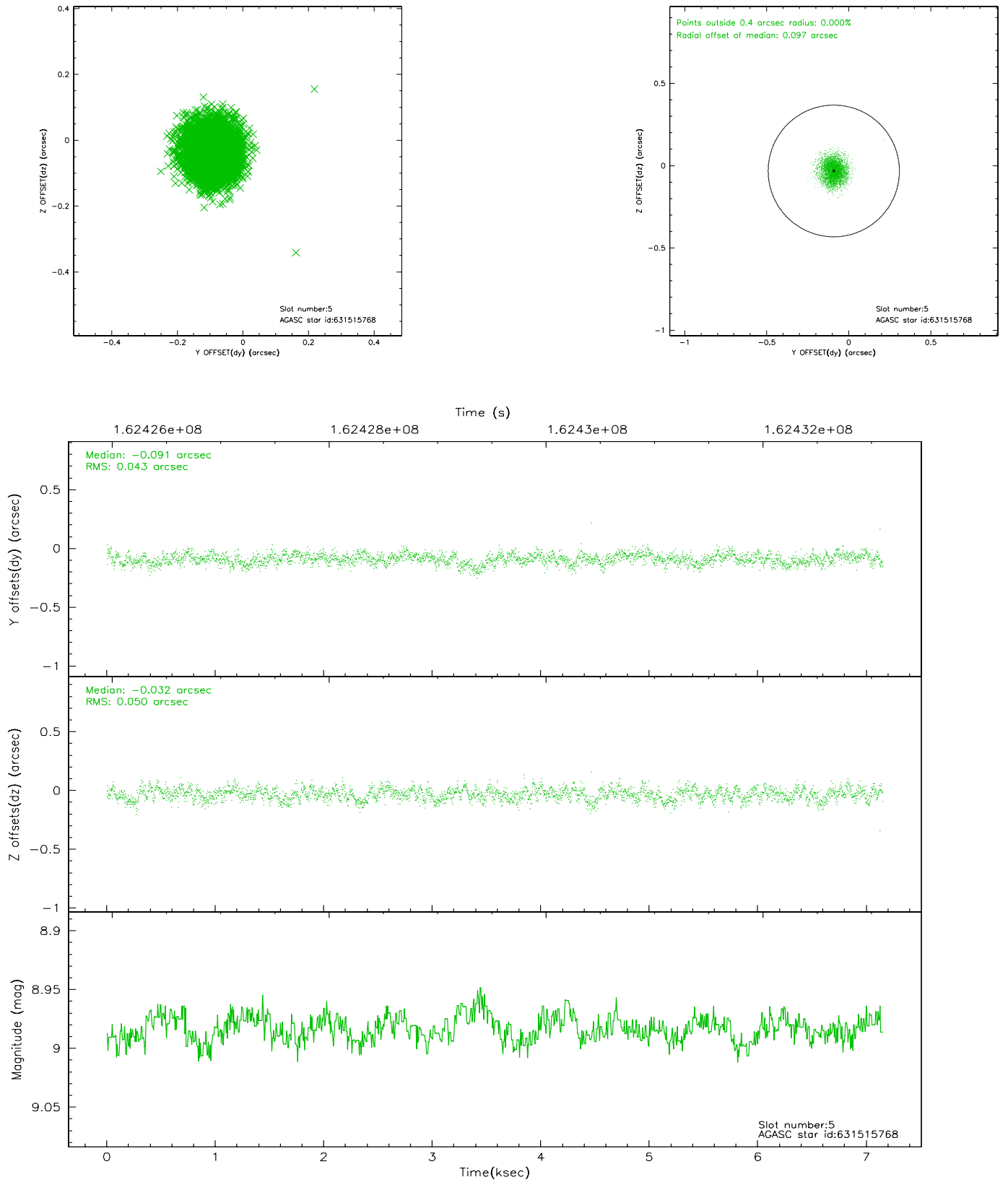
### 2.4.1 Slot 3



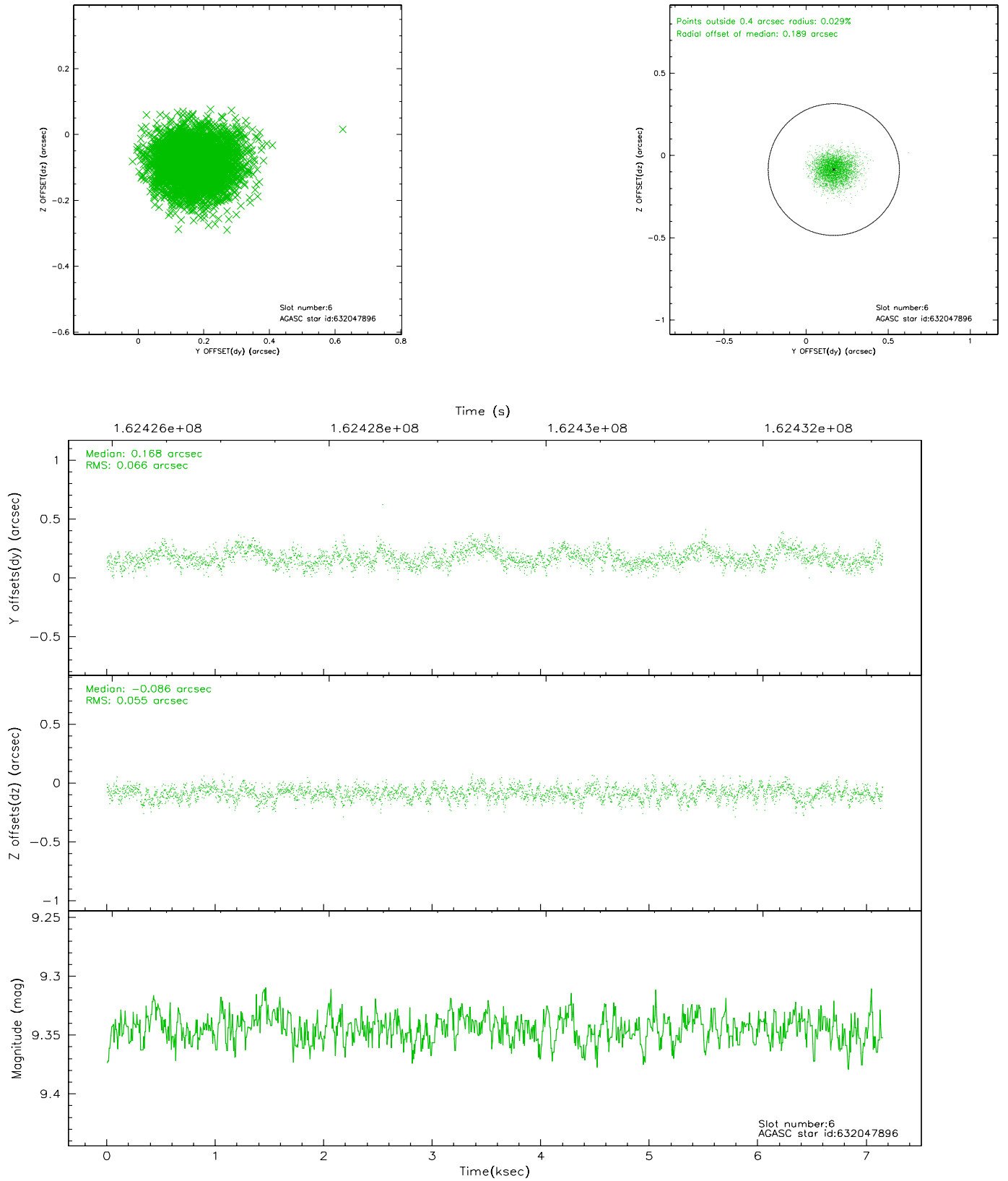
## 2.4.2 Slot 4



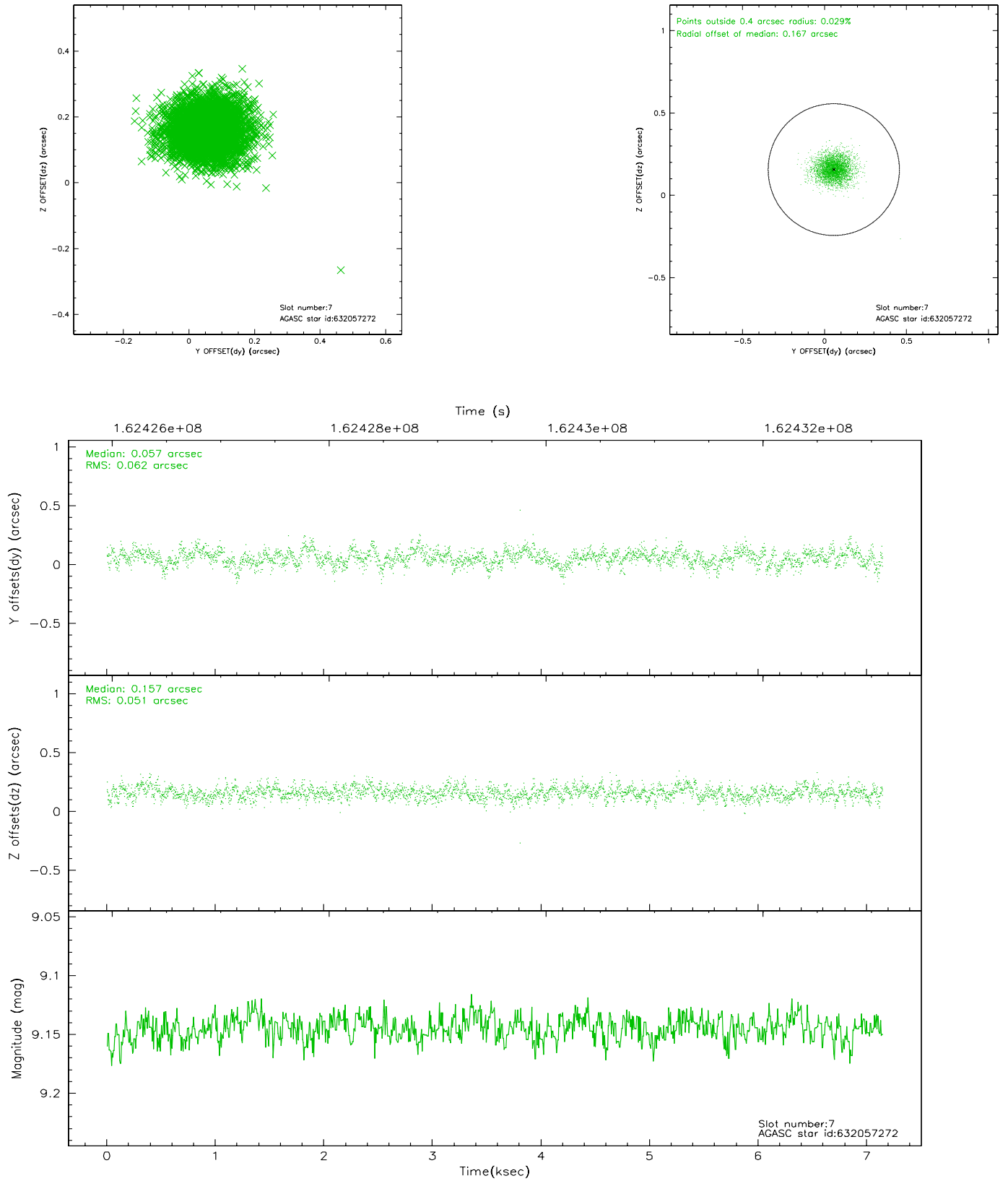
### 2.4.3 Slot 5



## 2.4.4 Slot 6

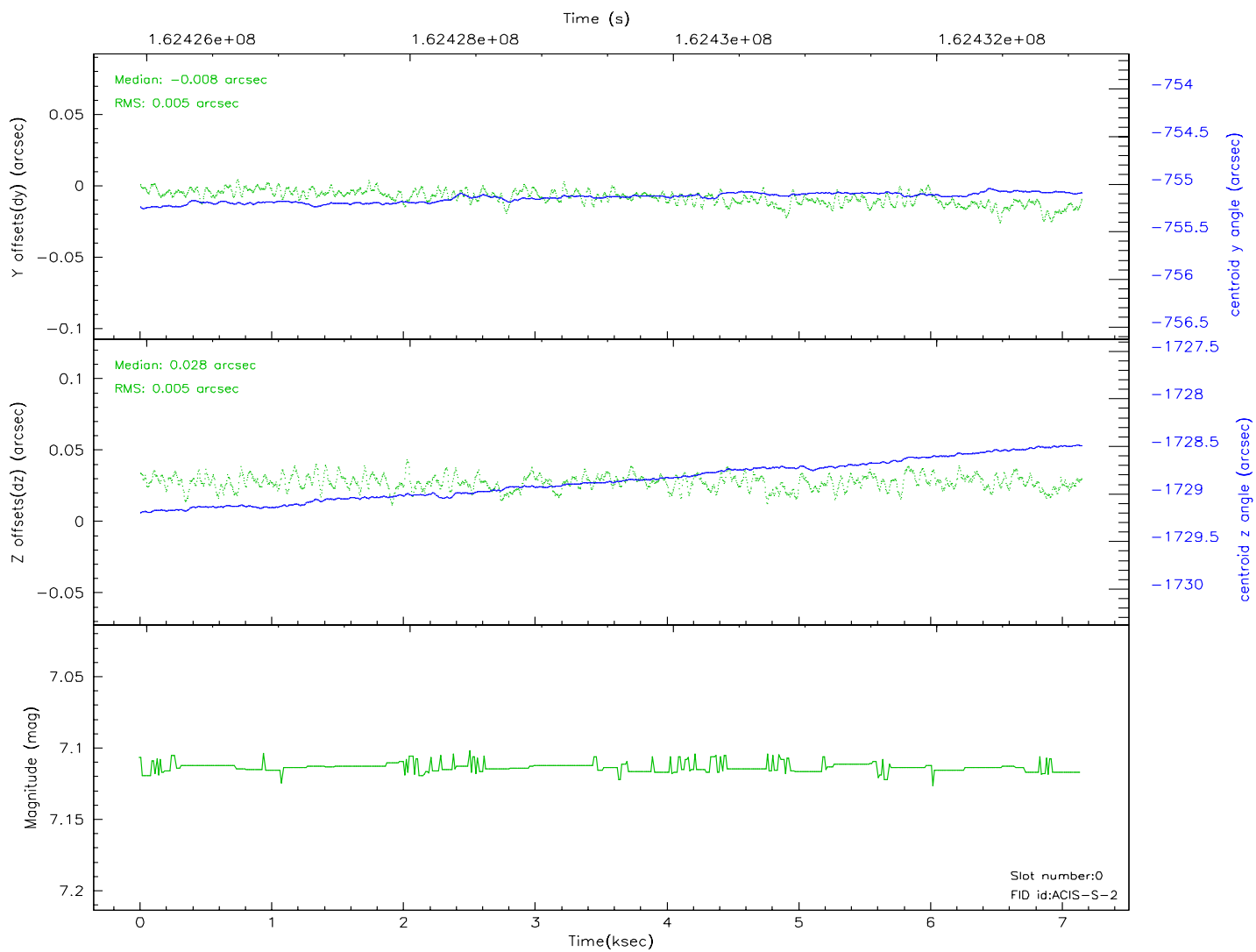
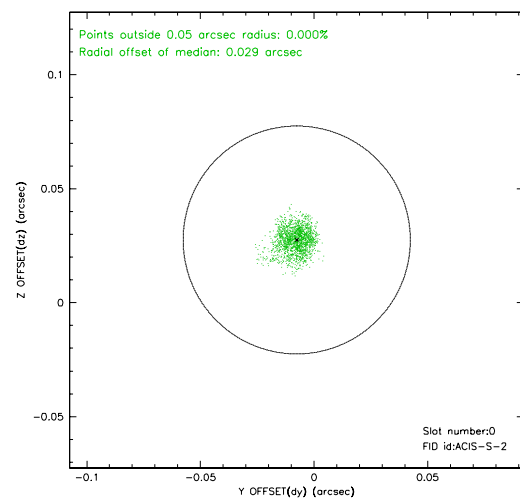
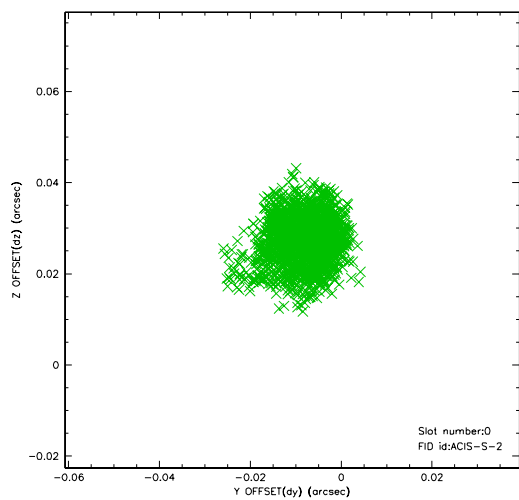


## 2.4.5 Slot 7

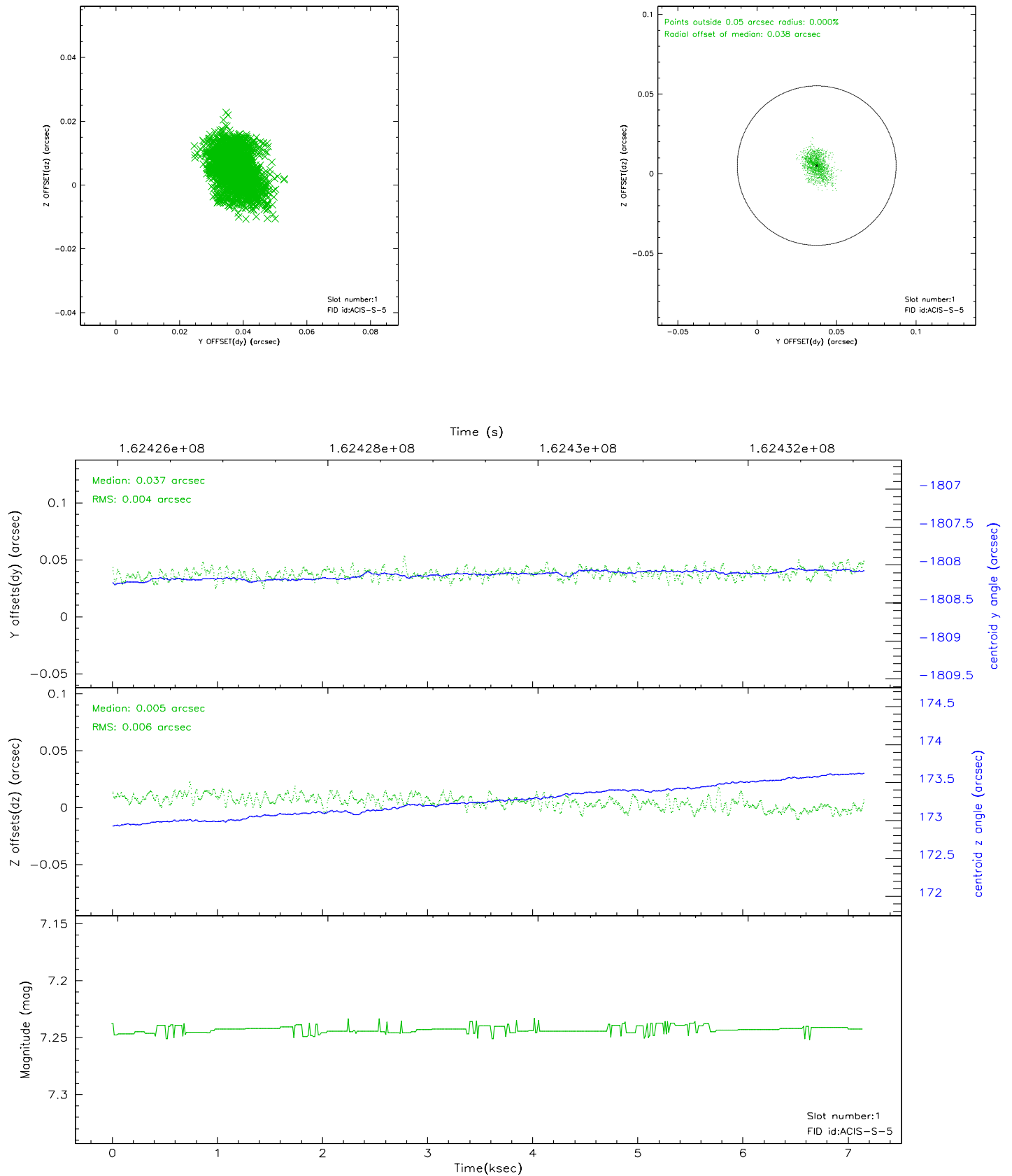


## 2.5 FID Slots

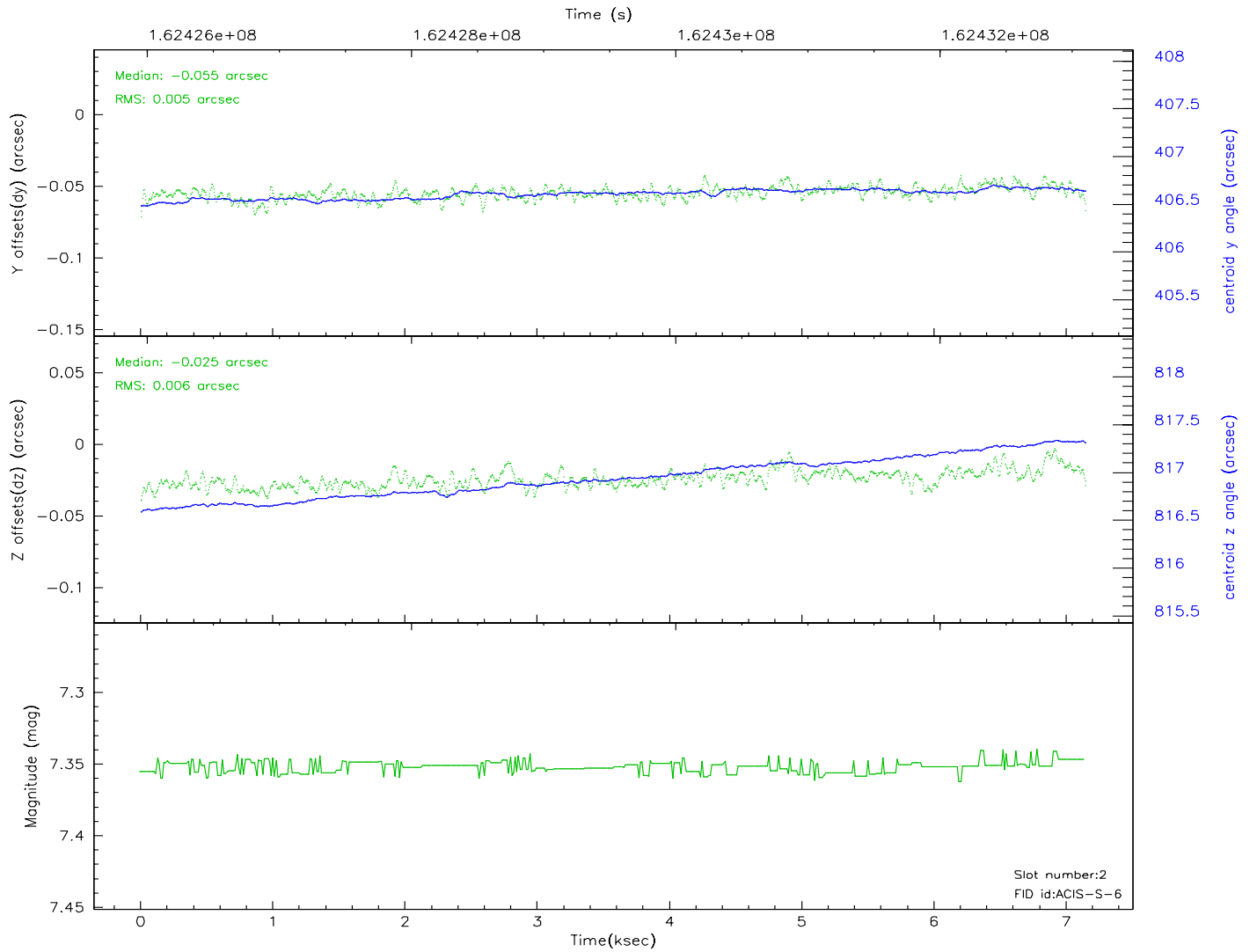
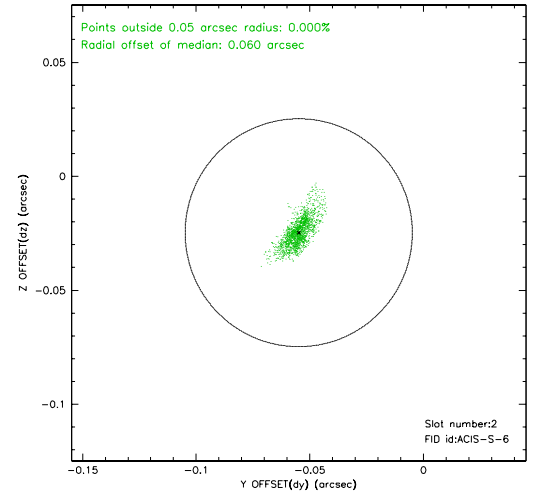
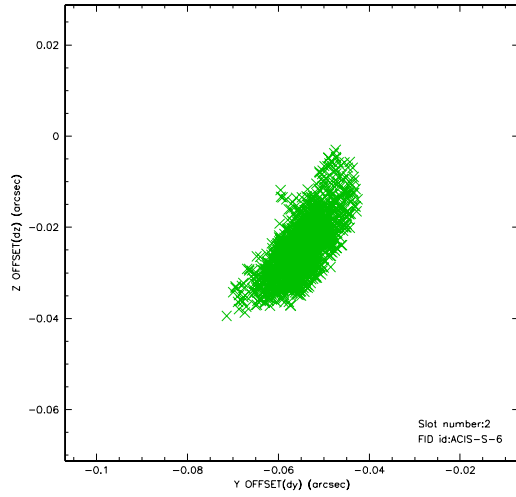
### 2.5.1 Slot 0



## 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)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.147

### A.2 Comments

Window constraint met.