

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 4141 - L2 Version 001  
Chandra X-Ray Center

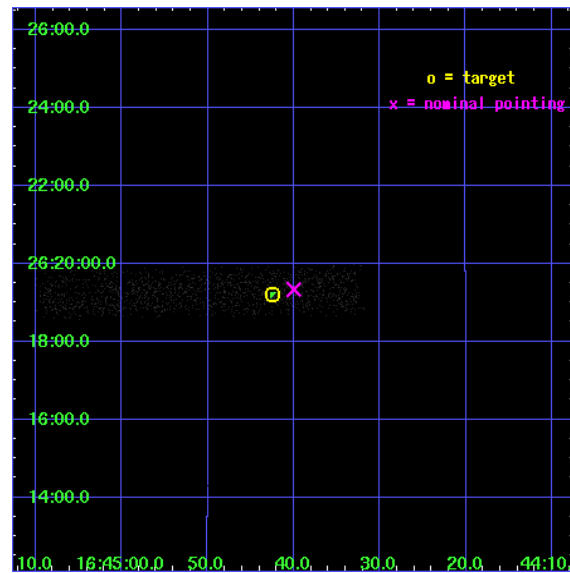
L2 Processing Date : Aug 3 2006

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# 1 Front

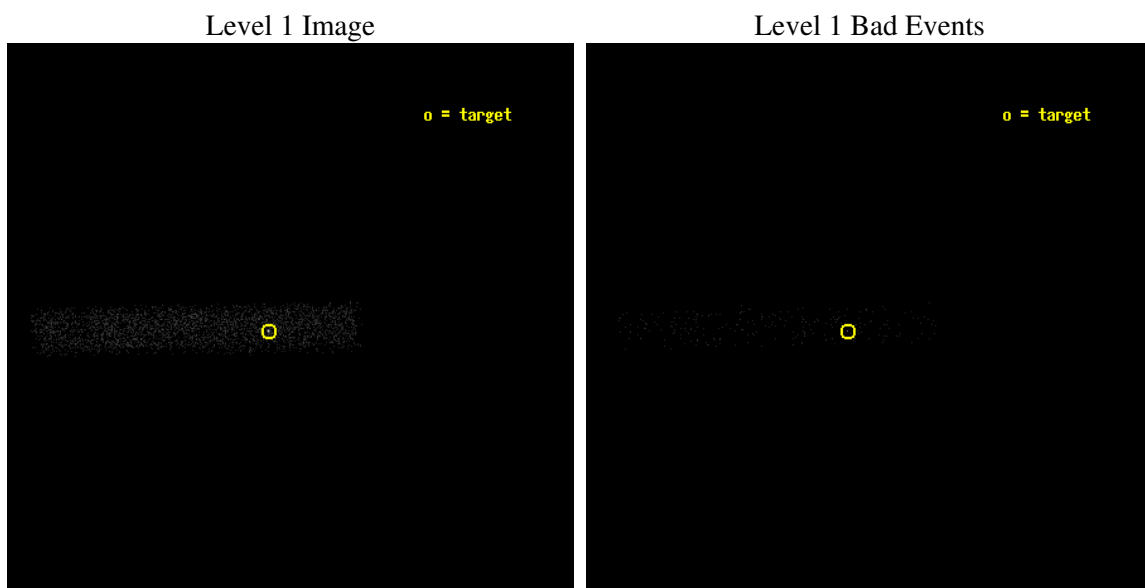
seq_num	700820
obs_id	4141
title	CHANDRA OBSERVATIONS OF THE FIRST SAMPLE OF RADIO-LOUD NARROW LINE SEYFERT I GALAXIES
observer	Dr. Sally Laurent-Muehleisen
object	FIRST J164442+261913
dtcycle	0
cycle	P
ra_targ	251.177083
dec_targ	26.320333
ra_nom	251.16666508242
dec_nom	26.322252008924
roll_nom	179.04474290146
revision	2
ontime	3248.8000484109
livetime	2946.4901581815
ontime7	3248.8000484109
l2events	2016



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-08-03T06:43:29
revision	2

sched_exp_time	3000.000000
ontime	3859.5029836893
ontime7	3859.5029836893
l1events	4731

### 2.1.4 Events

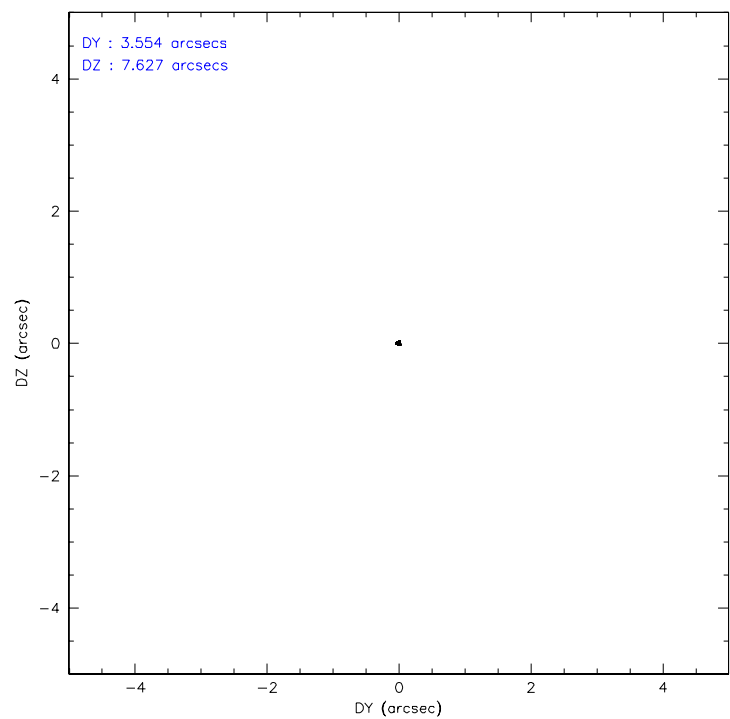
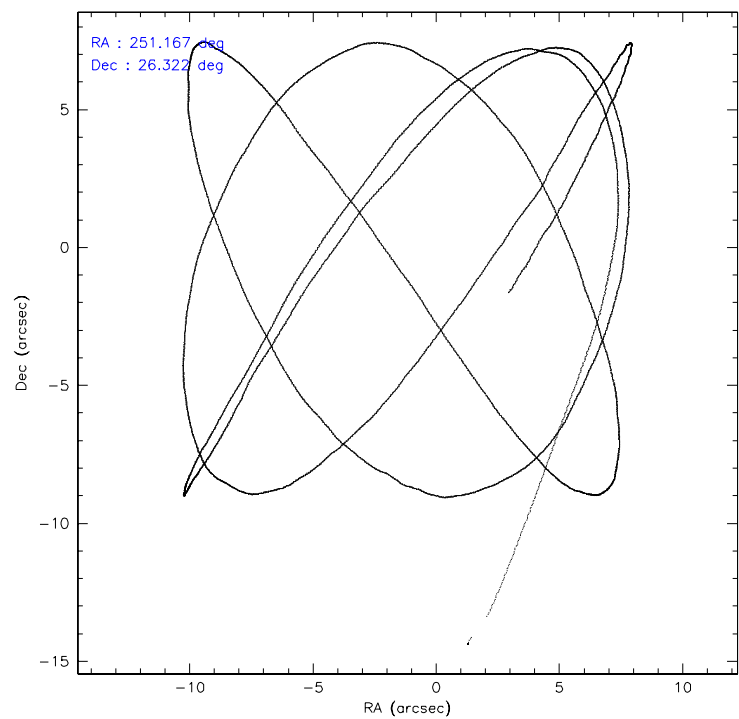
	<b>ccd 7</b>
level 1 events	4731
rejected events	2641
rejected %	55%

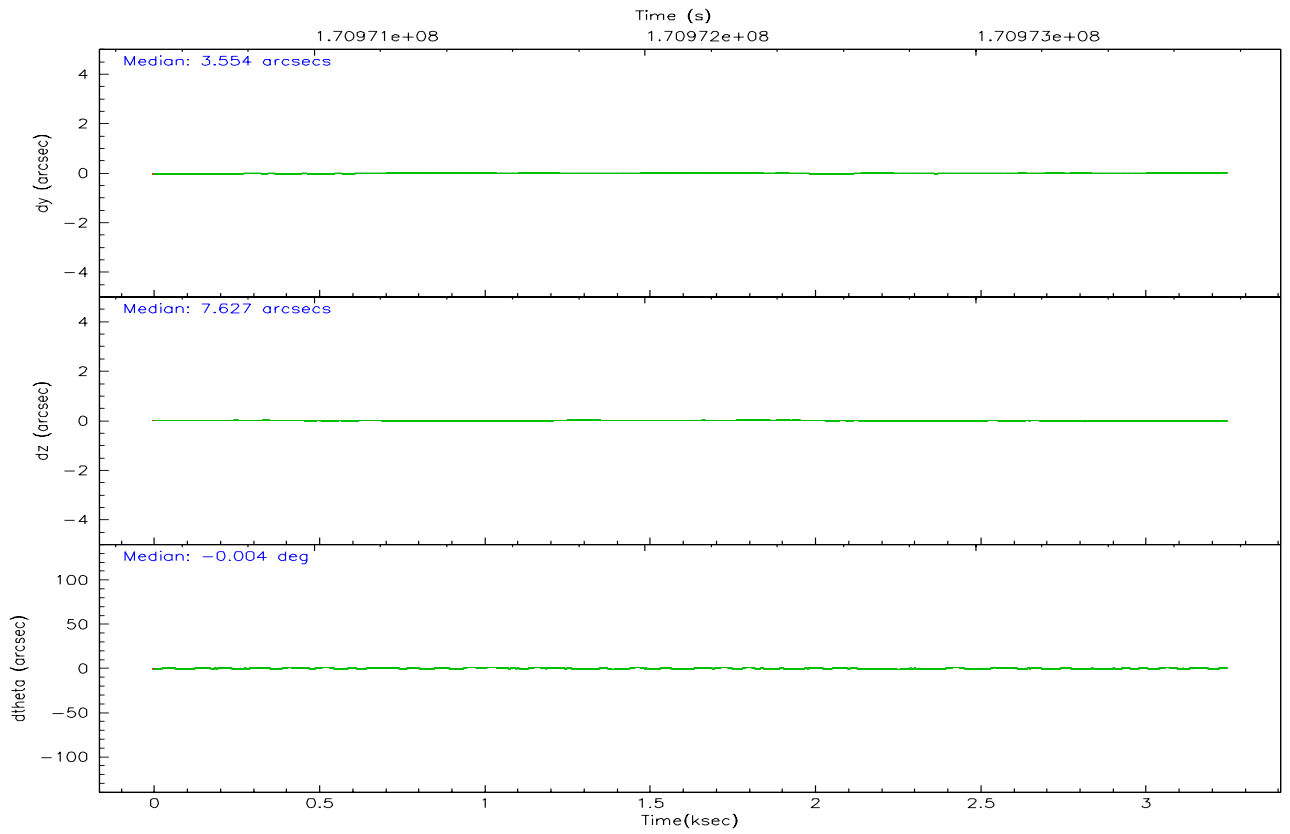
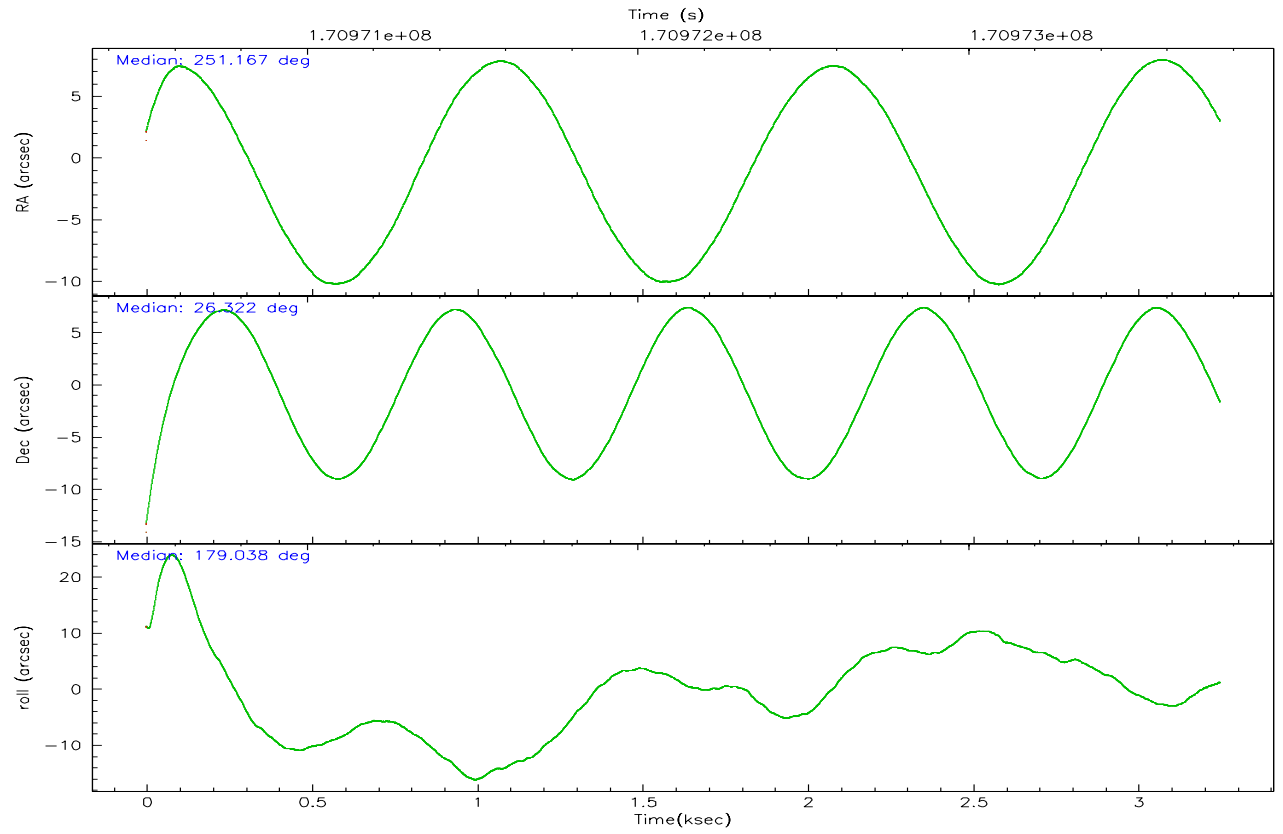
	<b>ccd 7</b>
grade 0 events	341
	7%
grade 1 events	2
	0%
grade 2 events	552
	11%
grade 3 events	271
	5%
grade 4 events	232
	4%
grade 5 events	322
	6%
grade 6 events	984
	20%
grade 7 events	2027
	42%

## 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	251.192860	251.1666650824235	Subarray start row	0	449
Pointing Dec	26.335727	26.32225200892381	Subarray row count	1024	128
Pointing Roll	178.876543	179.0447429014619	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	170970758.184000	170969767.53592			
Observation start date	2003-06-02T19:51:34	2003-06-02T19:36:07			
Observation end time	170973758.184000	170974679.84863			
Observation end date	2003-06-02T20:41:34	2003-06-02T20:57:59			
Read mode	TIMED	TIMED			

## 2.3 Aspect





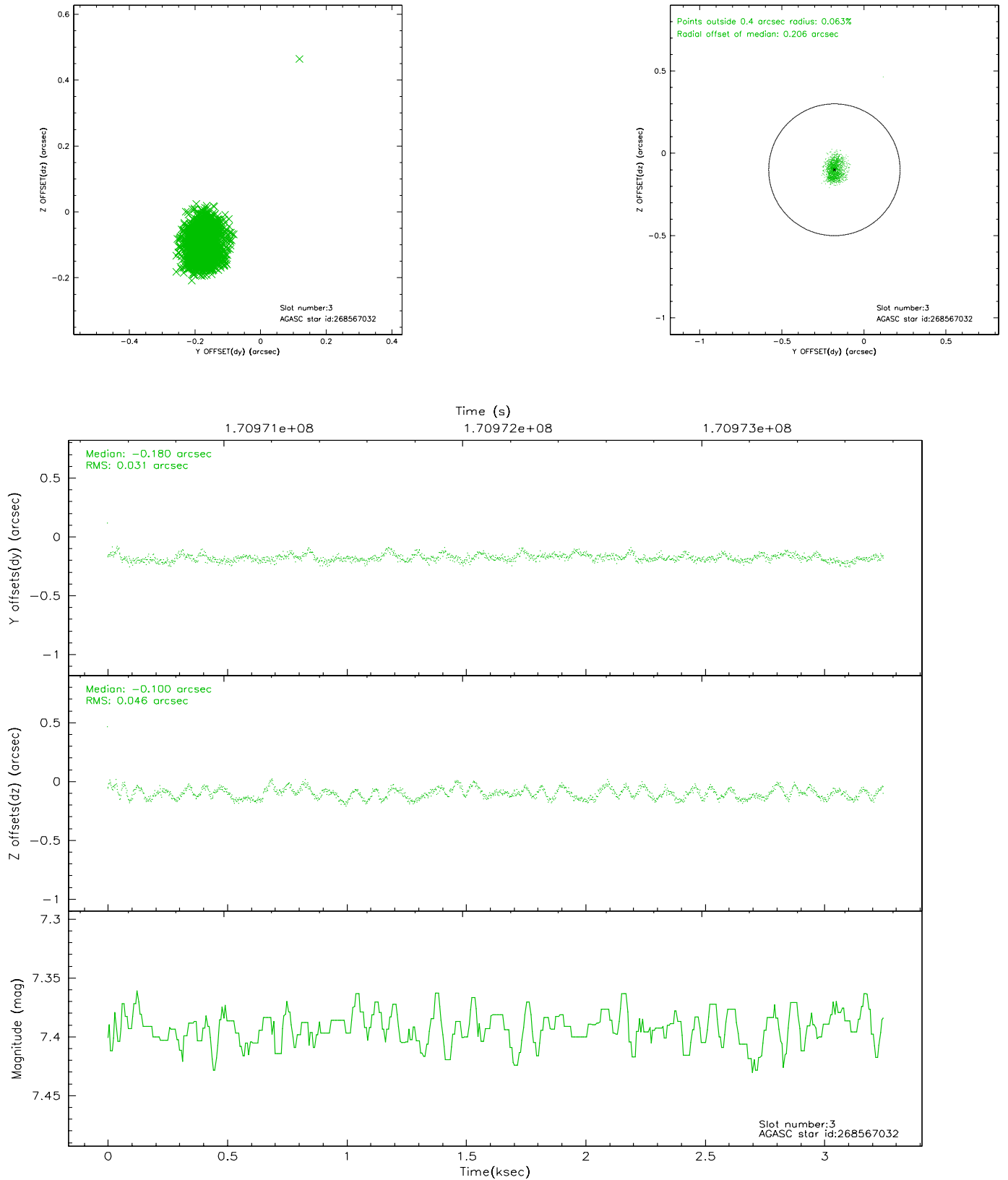
### Slot Statistics

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	793	-0.003	0.005	0.006	0.010	0.000000	0.000000	-756.22	-1728.80
1	FID	ACIS-S-4	7.21	793	-0.005	0.000	0.005	0.008	0.000000	0.000000	2156.18	177.64
2	FID	ACIS-S-5	7.24	793	-0.023	0.004	0.005	0.010	0.000000	0.000000	-1806.55	173.56
3	GUIDE	268567032	7.39	1586	-0.180	-0.100	0.058	0.088	250.729377	25.854932	1467.82	1758.04
4	GUIDE	268567384	9.84	1586	0.038	0.002	0.112	0.188	250.846454	25.998414	1098.44	1236.42
5	GUIDE	270271776	9.43	1582	0.015	0.044	0.082	0.131	251.636069	26.014502	-1454.93	1126.87
6	GUIDE	270795080	8.52	1586	0.034	-0.014	0.070	0.120	251.380384	26.591300	-585.47	-930.82
7	GUIDE	270795048	9.75	1585	0.088	0.070	0.100	0.165	251.883150	26.568233	-2205.04	-886.88

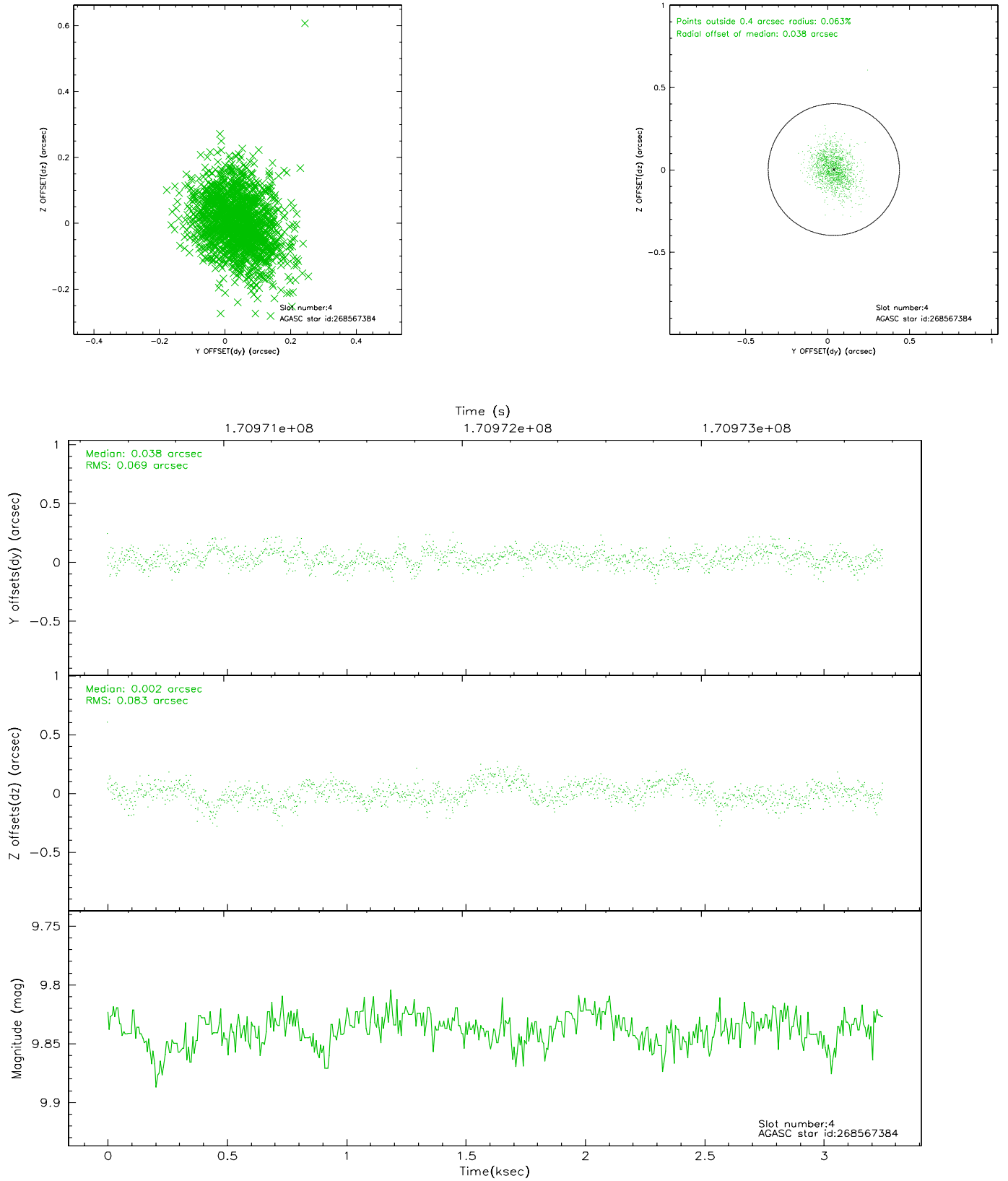


## 2.4 Star Slots

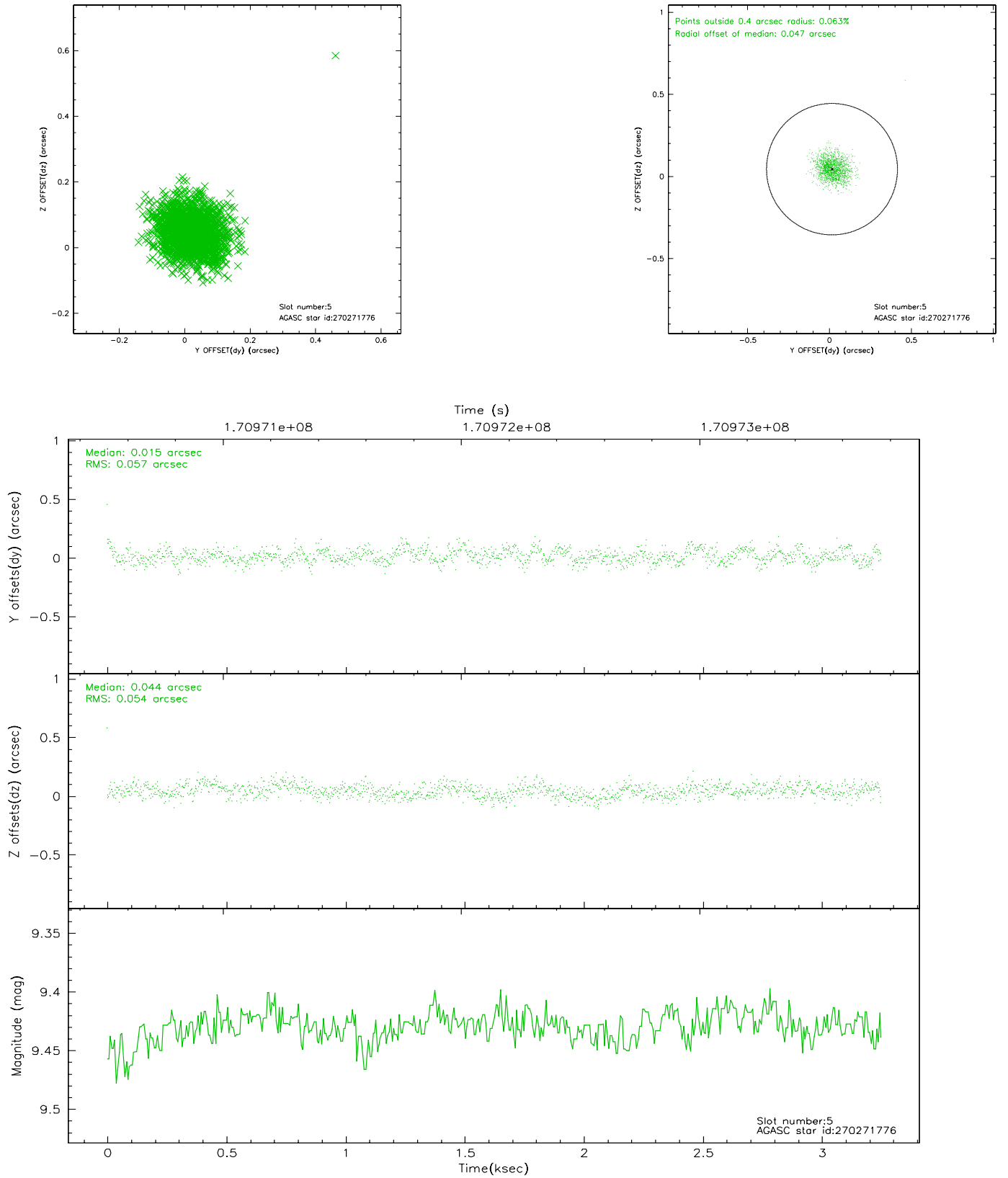
### 2.4.1 Slot 3



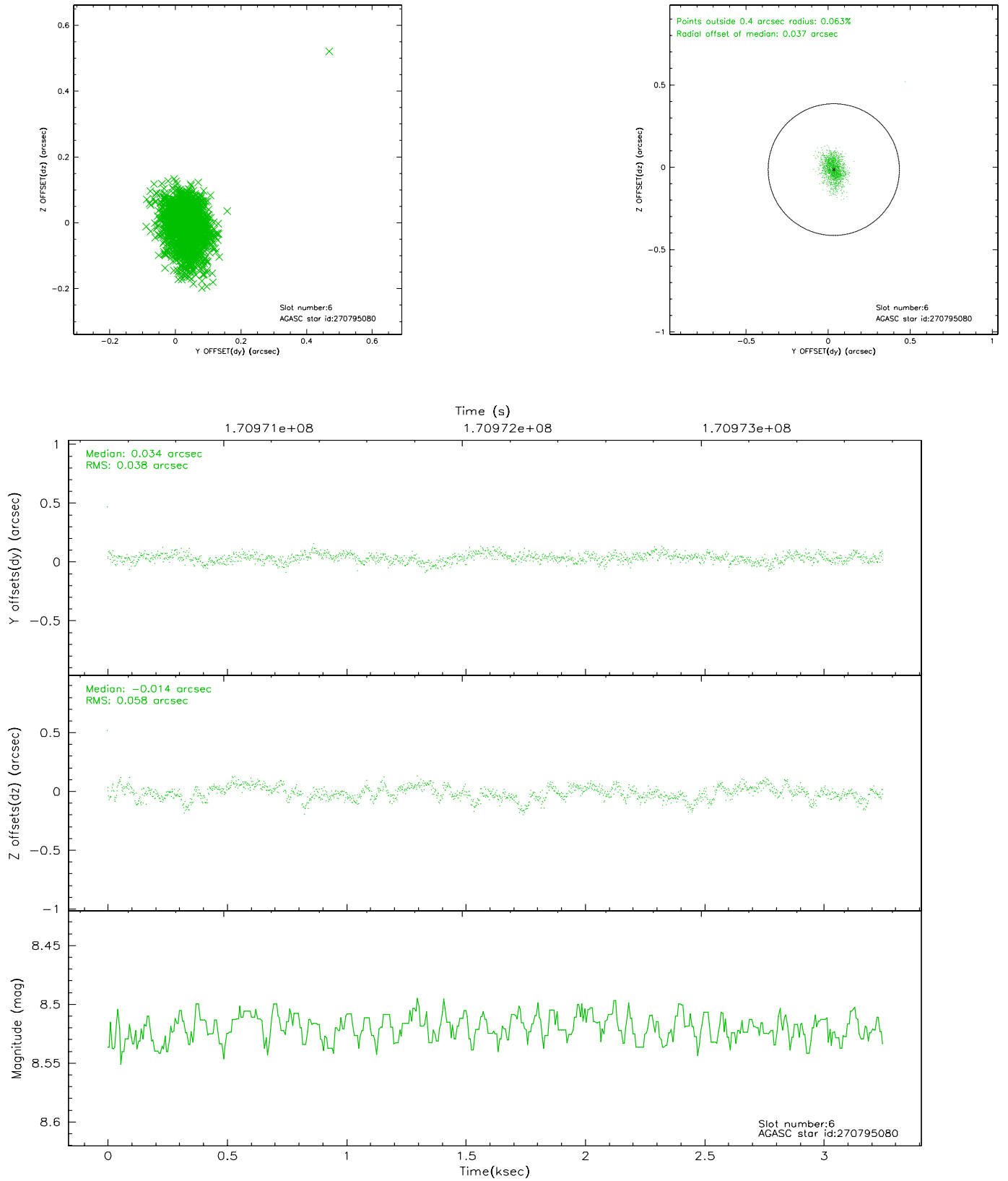
## 2.4.2 Slot 4



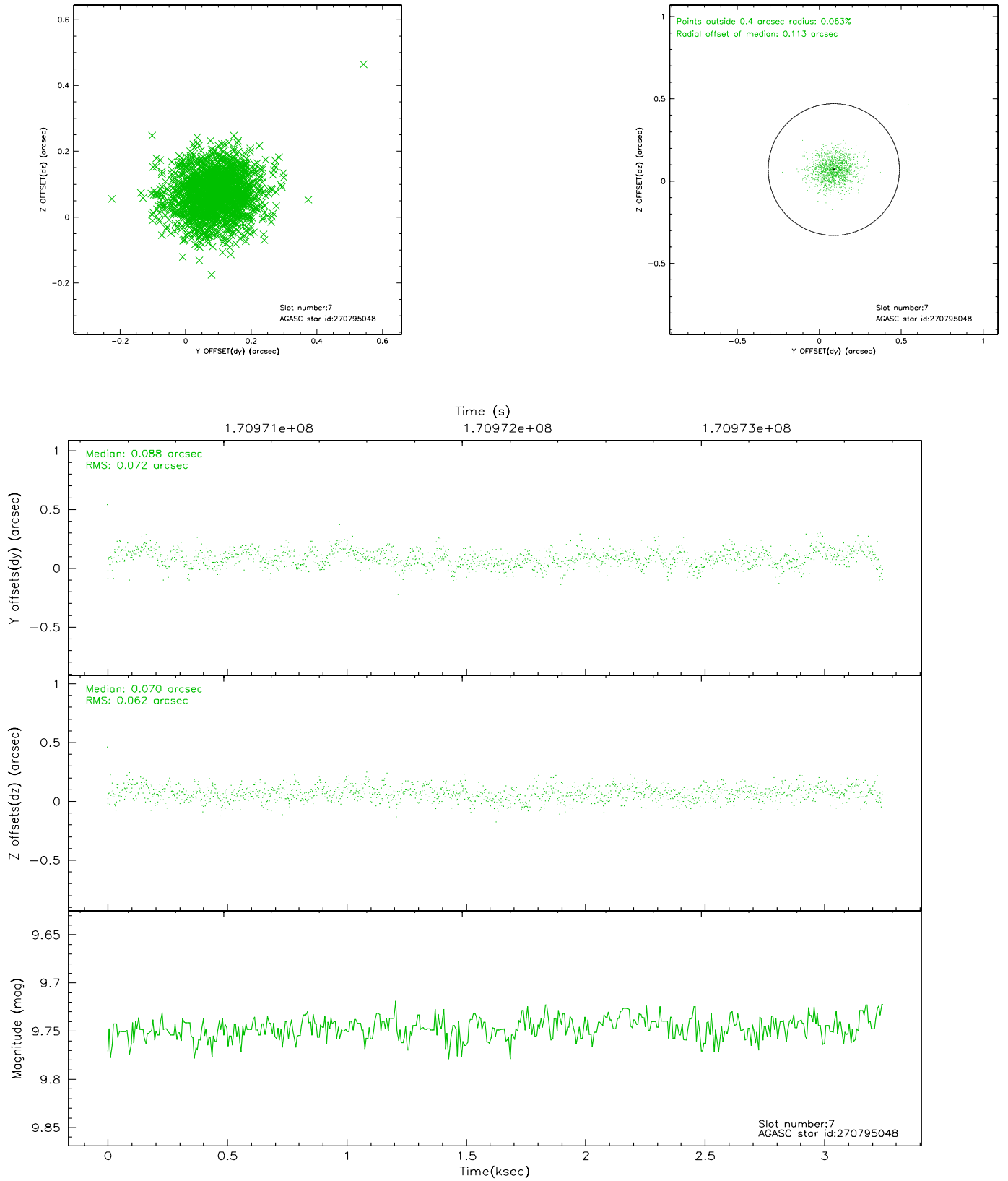
### 2.4.3 Slot 5



## 2.4.4 Slot 6

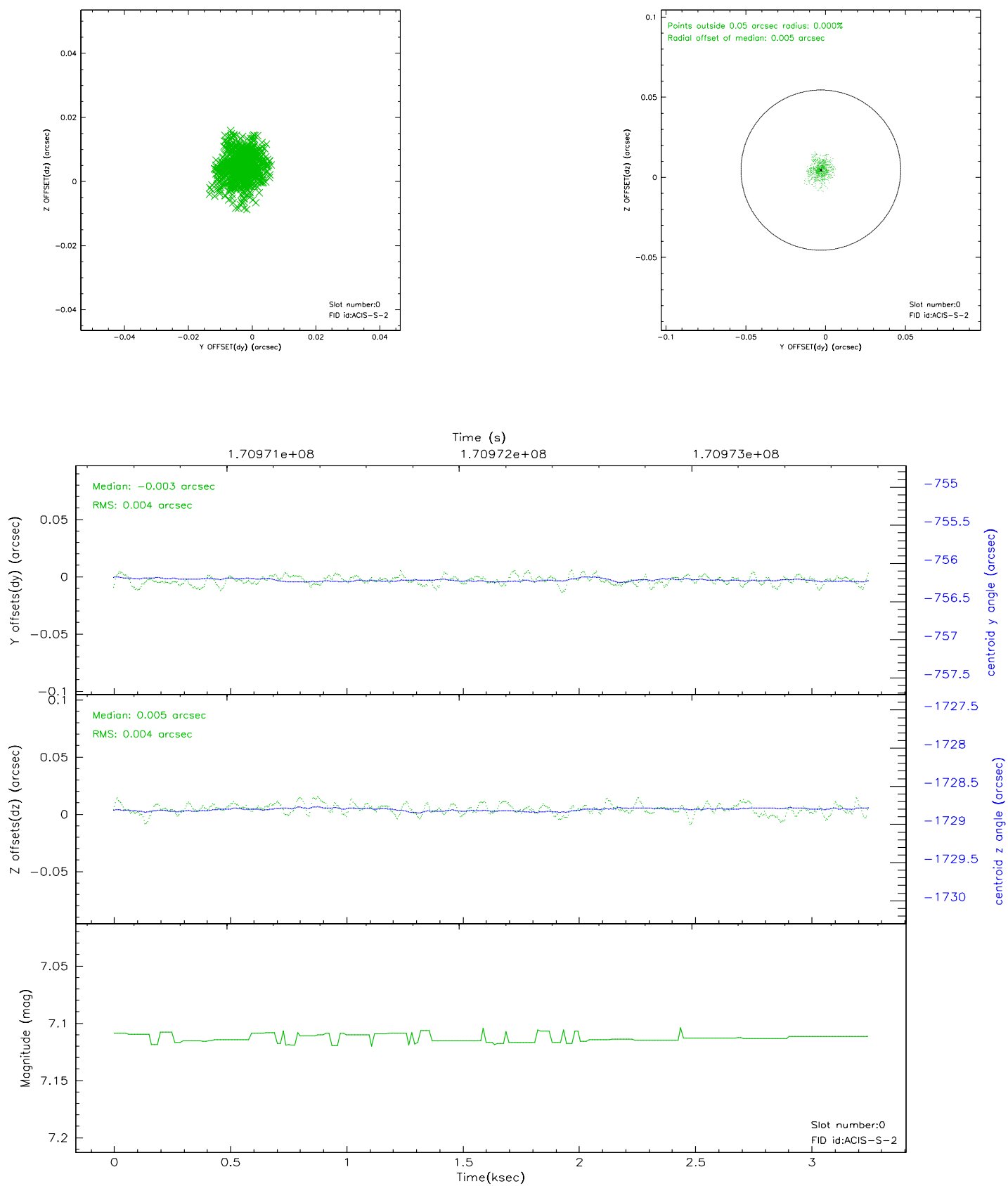


## 2.4.5 Slot 7

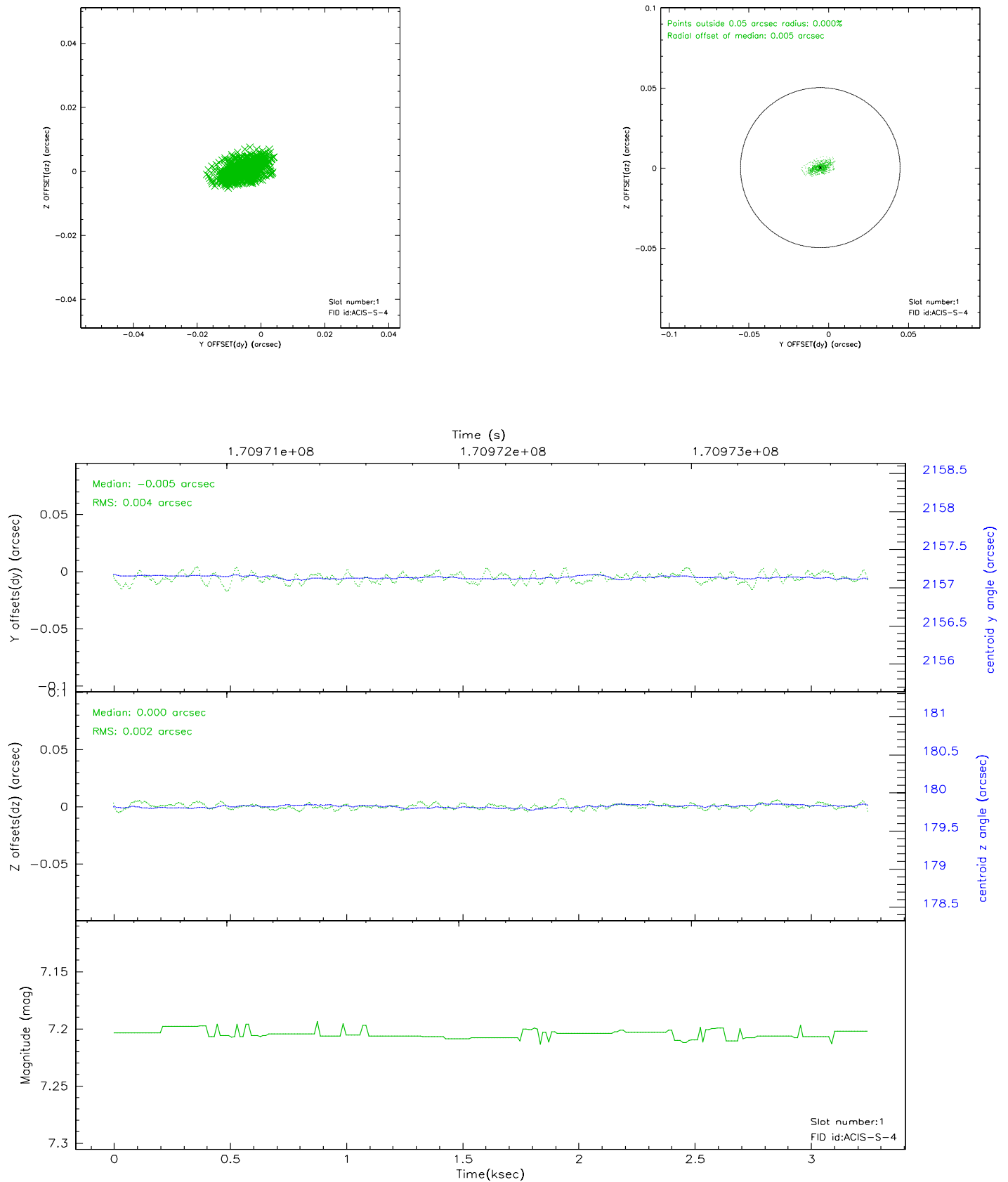


## 2.5 FID Slots

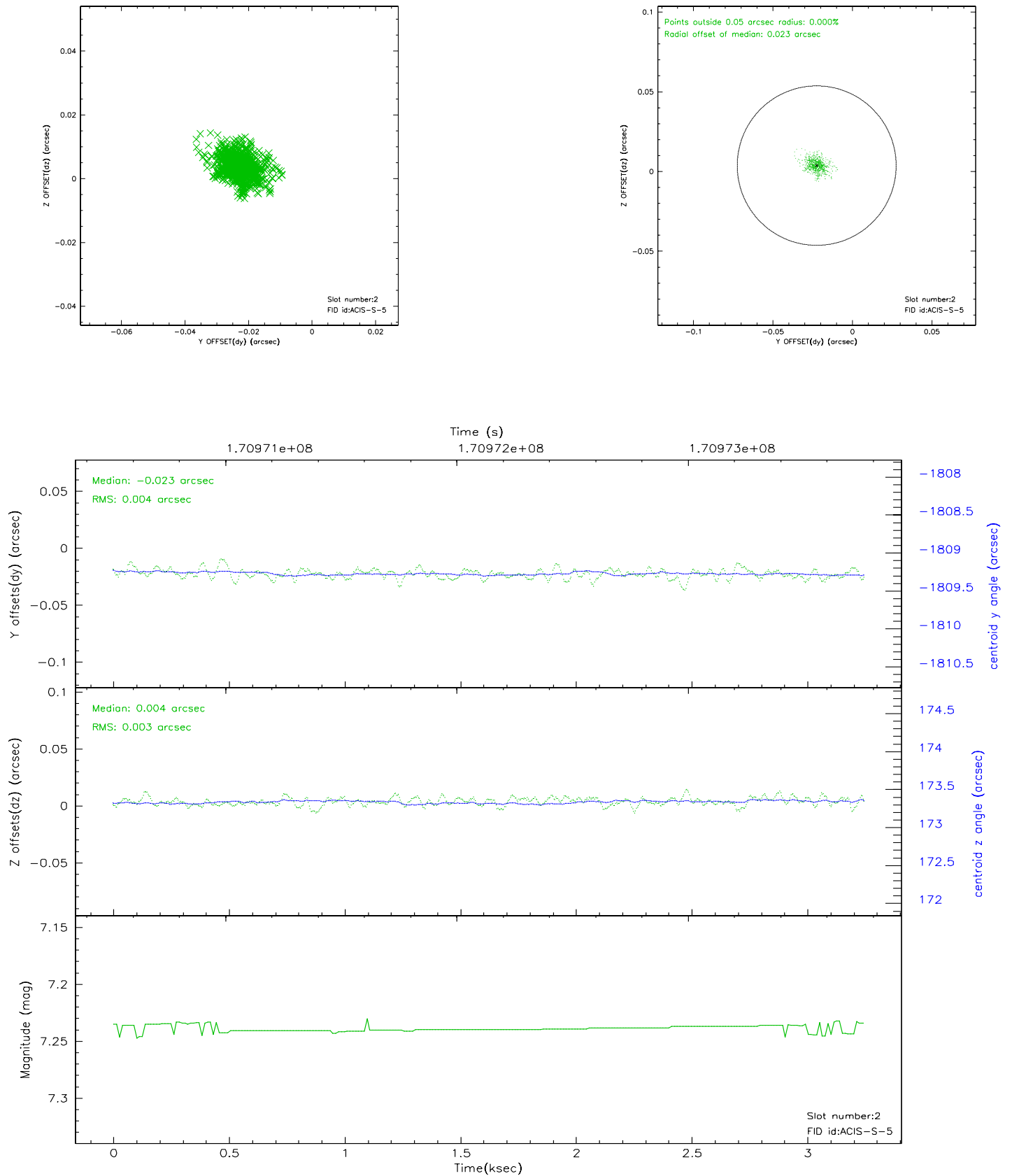
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.248

### A.2 Comments