

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 3996 - L2 Version 001  
Chandra X-Ray Center

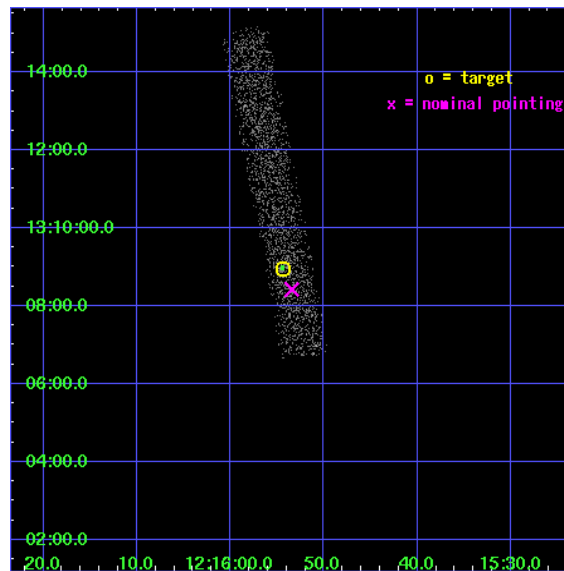
L2 Processing Date : Apr 26 2006

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# 1 Front

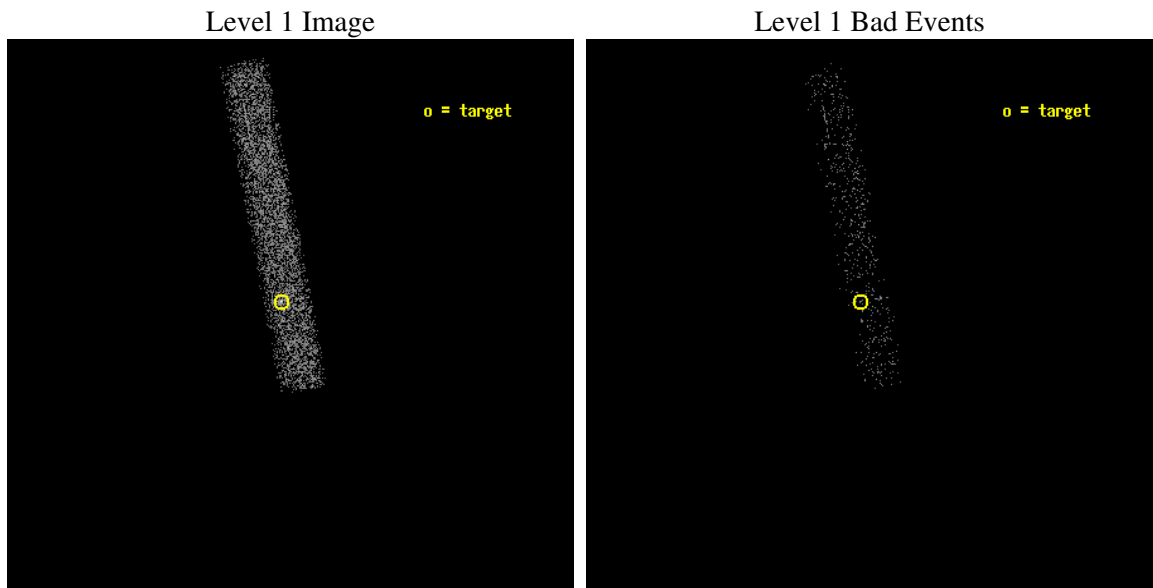
seq_num	700675
obs_id	3996
title	AN X-RAY SURVEY OF RADIO-SELECTED LOW-LUMINOSITY AGNS
observer	Dr. Yuichi Terashima
object	NGC 4216
dtcycle	0
cycle	P
ra_targ	183.97625
dec_targ	13.149472
ra_nom	183.97265843004
dec_nom	13.140374466965
roll_nom	259.26647762213
revision	2
ontime	5273.6000785828
livetime	4782.8769078385
ontime7	5273.6000785828
l2events	2866



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	4
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-26T12:07:37
revision	2

sched_exp_time	5100.000000
ontime	6481.8840982318
ontime7	6481.8840982318
l1events	7982

### 2.1.4 Events

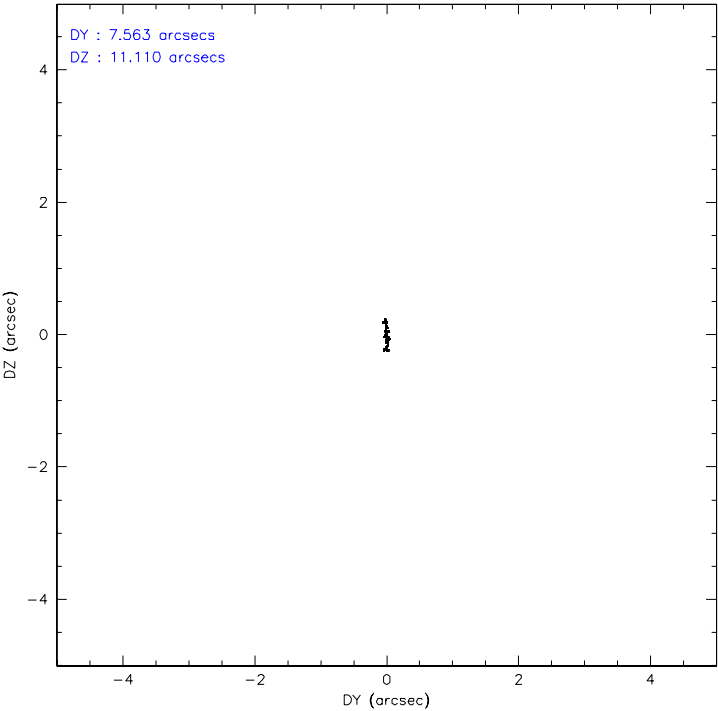
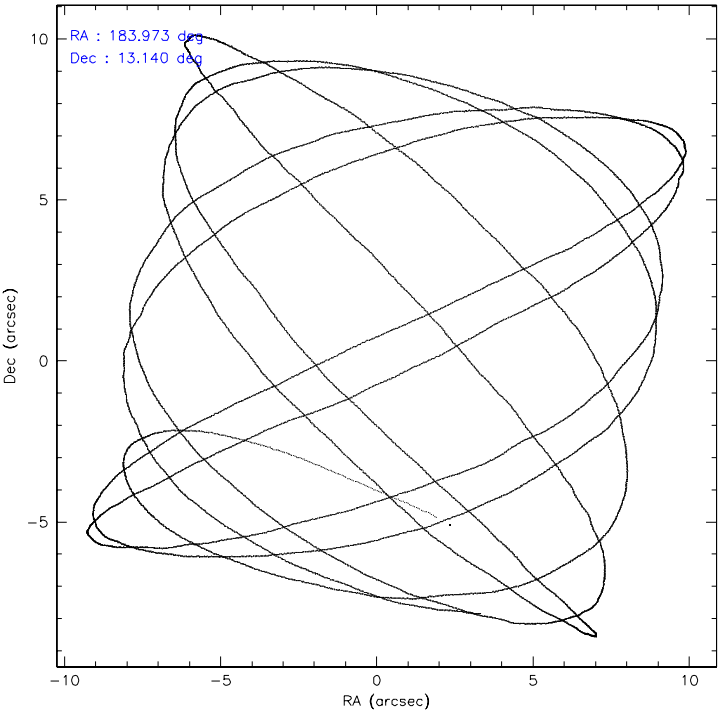
	<b>ccd 7</b>
level 1 events	7982
rejected events	5012
rejected %	62%

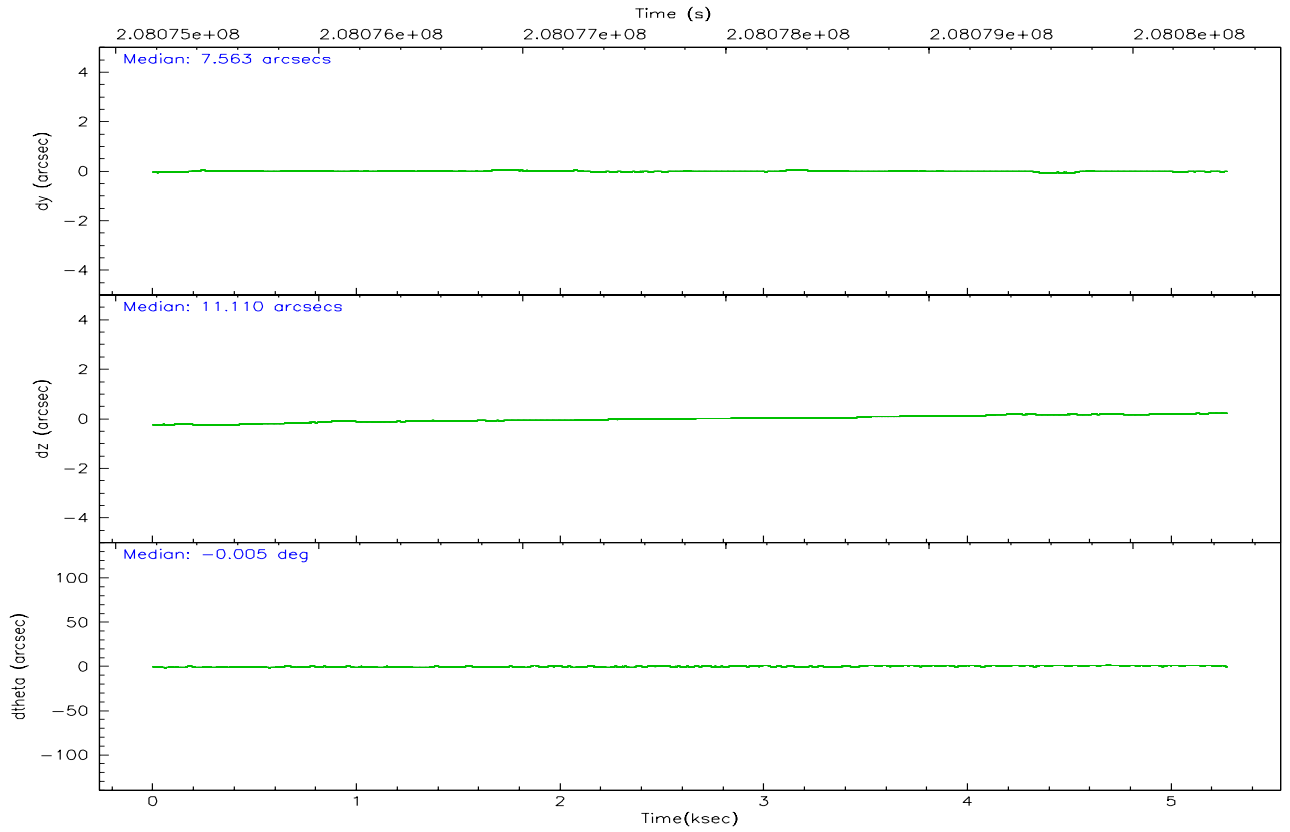
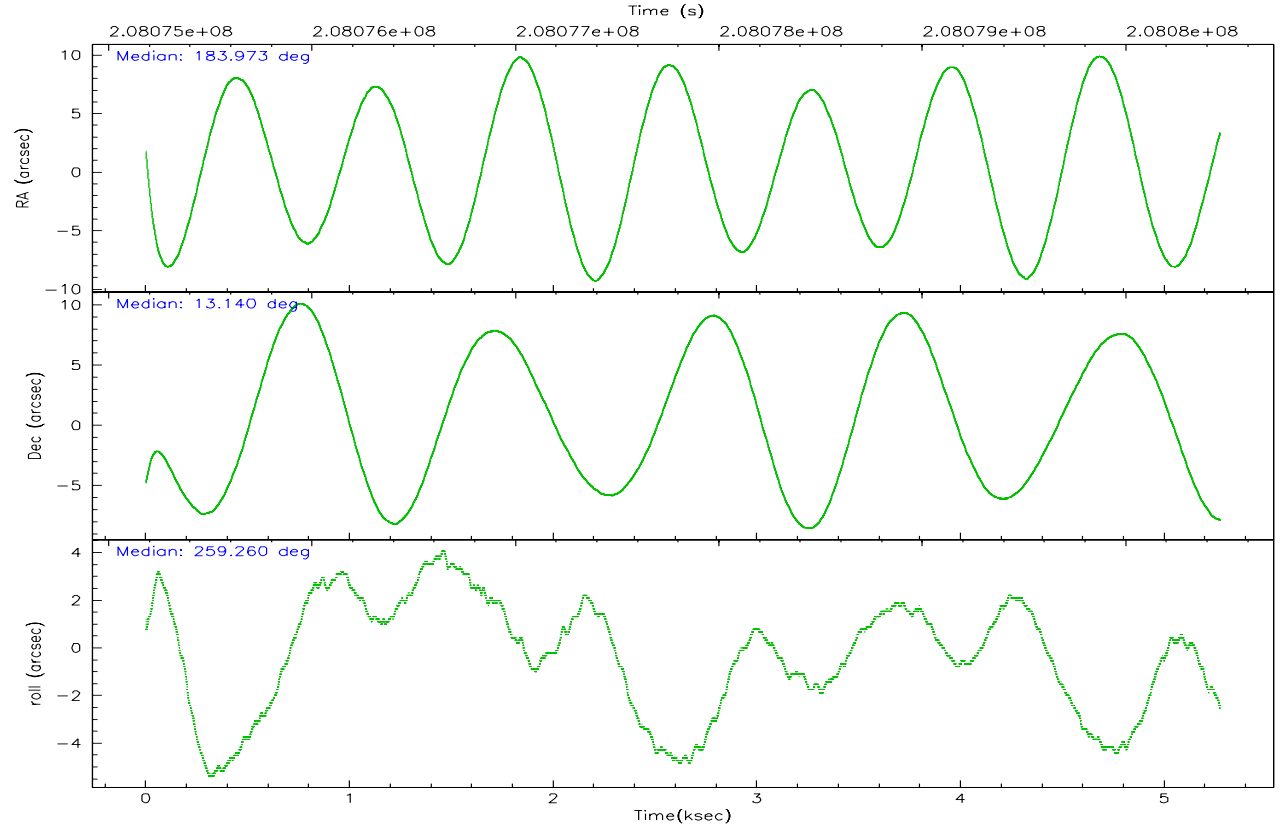
	<b>ccd 7</b>
grade 0 events	336
	4%
grade 1 events	7
	0%
grade 2 events	826
	10%
grade 3 events	357
	4%
grade 4 events	397
	4%
grade 5 events	520
	6%
grade 6 events	1755
	21%
grade 7 events	3784
	47%

## 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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	183.963133	183.9726584300417	Subarray start row	0	449
Pointing Dec	13.166010	13.14037446696501	Subarray row count	1024	128
Pointing Roll	259.112025	259.2664776221339	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	208075361.184000	208073979.38674			
Observation start date	2004-08-05T06:41:37	2004-08-05T06:19:39			
Observation end time	208080461.184000	208080711.58704			
Observation end date	2004-08-05T08:06:37	2004-08-05T08:11:51			
Read mode	TIMED	TIMED			

### 2.3 Aspect





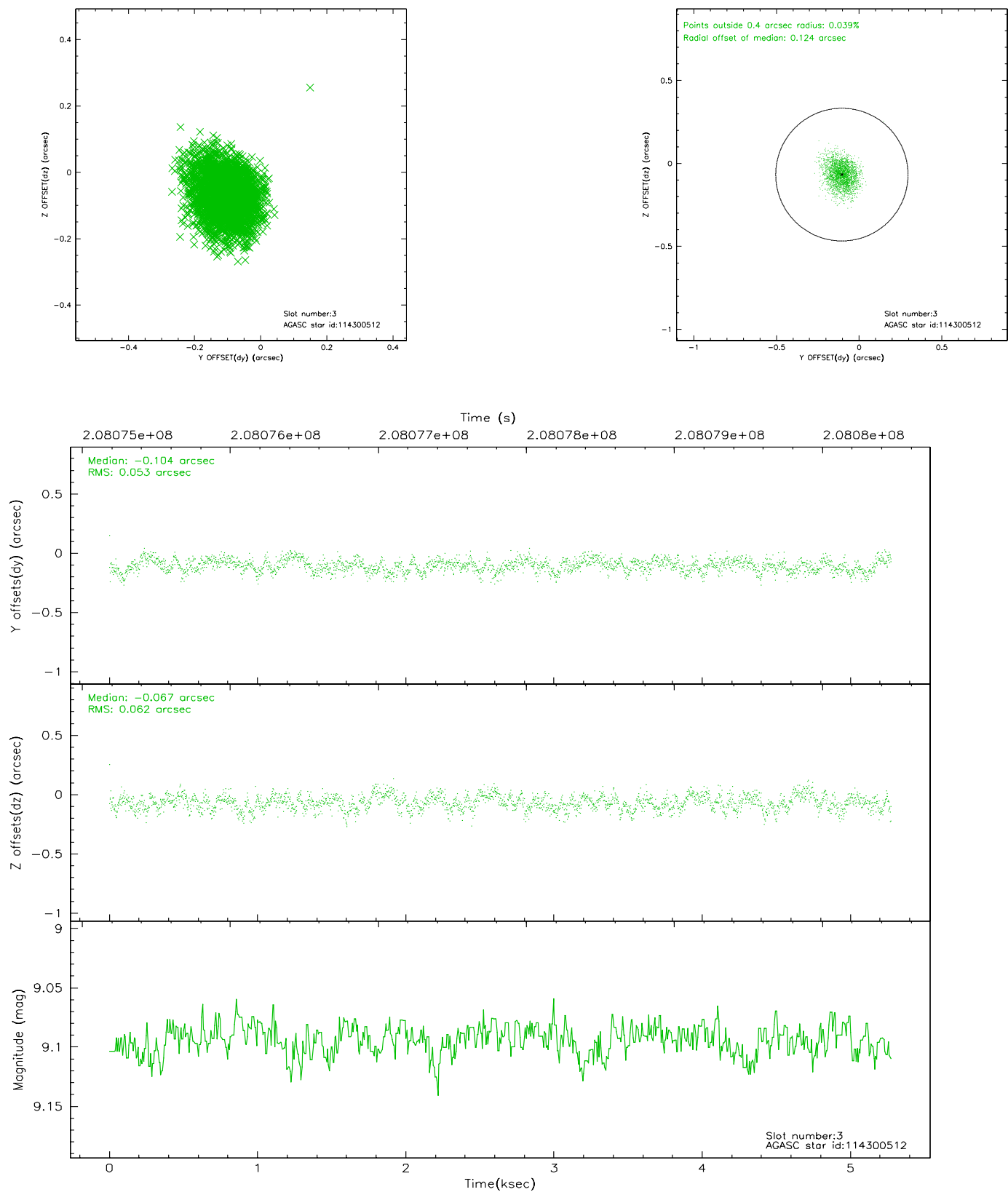
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1287	-0.020	0.015	0.007	0.012	0.000000	0.000000	-760.32	-1732.39
1	FID	ACIS-S-4	7.20	1287	0.034	0.006	0.006	0.011	0.000000	0.000000	2152.46	174.95
2	FID	ACIS-S-5	7.23	1287	-0.046	-0.012	0.006	0.010	0.000000	0.000000	-1811.74	169.84
3	GUIDE	114300512	9.09	2573	-0.104	-0.067	0.087	0.140	183.274843	13.061330	822.94	-2299.52
4	GUIDE	115216896	8.52	2573	-0.100	0.008	0.071	0.113	184.169439	13.297075	-599.90	619.96
5	GUIDE	115217776	8.84	2574	0.046	0.105	0.067	0.107	184.204027	12.539164	2055.46	1258.38
6	GUIDE	115218080	9.54	2573	0.076	0.020	0.096	0.157	184.130022	12.510081	2208.66	1023.05
7	GUIDE	114295496	9.75	2572	0.085	-0.069	0.109	0.174	183.211405	12.908034	1407.53	-2415.02

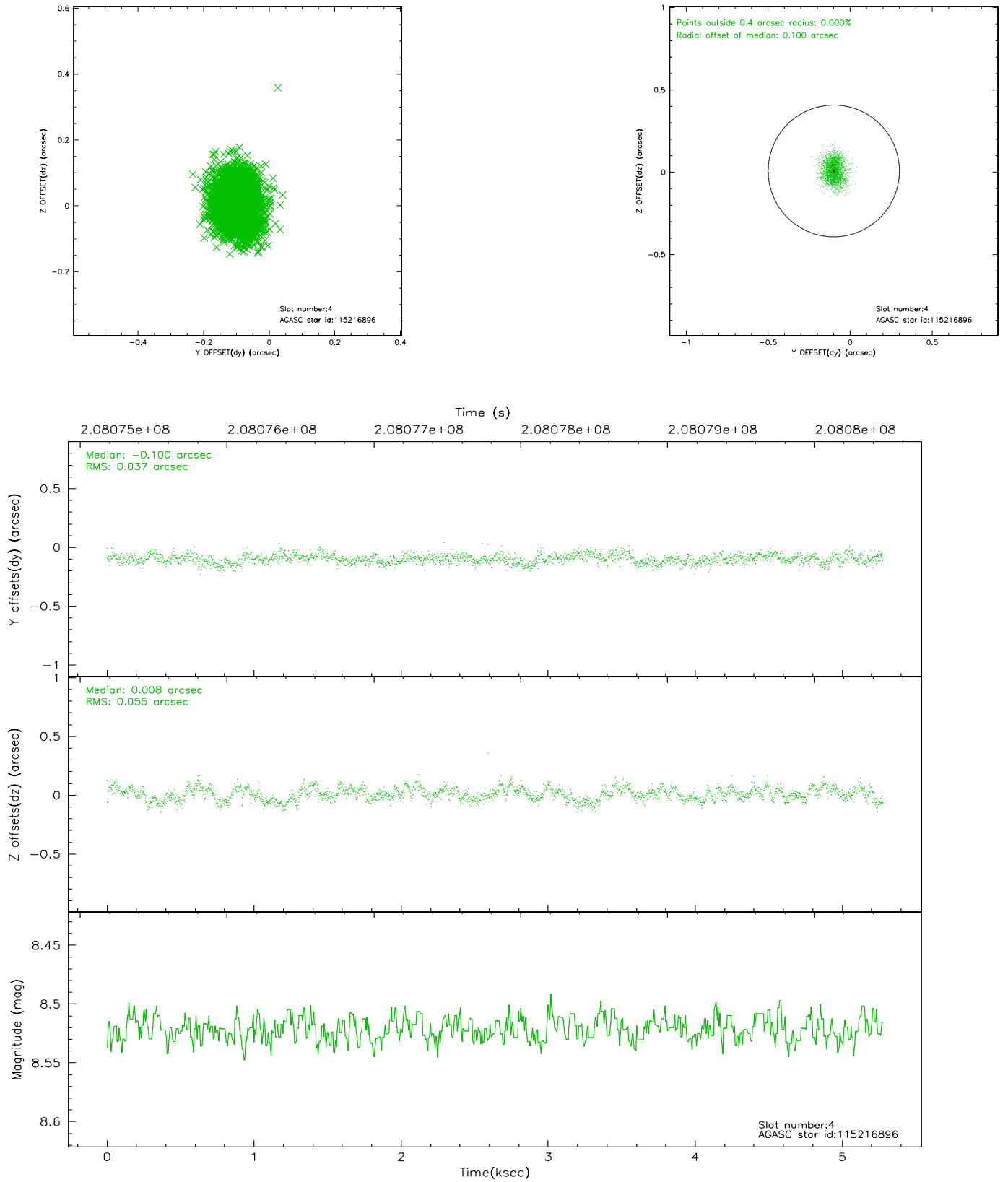


## 2.4 Star Slots

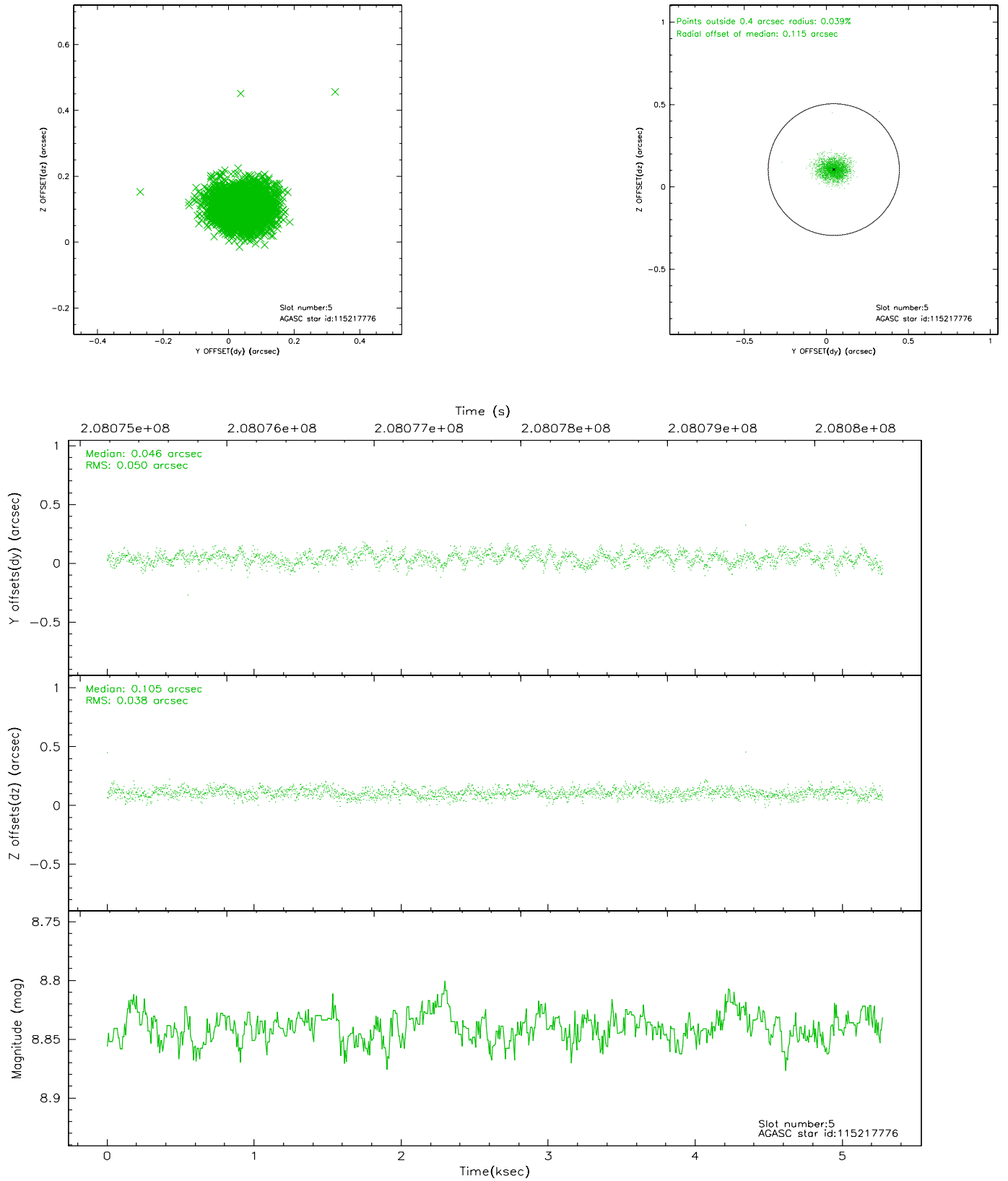
### 2.4.1 Slot 3



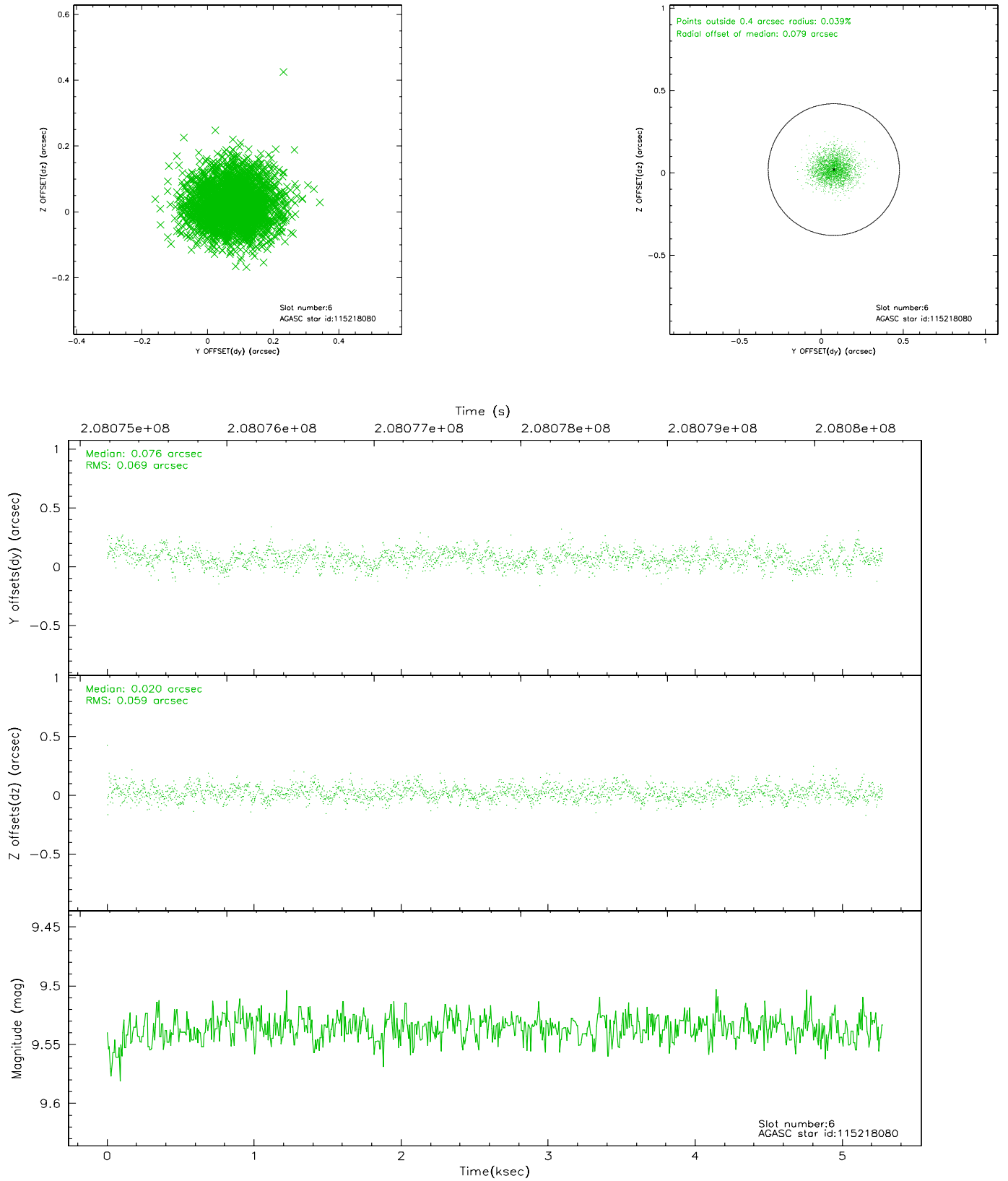
## 2.4.2 Slot 4



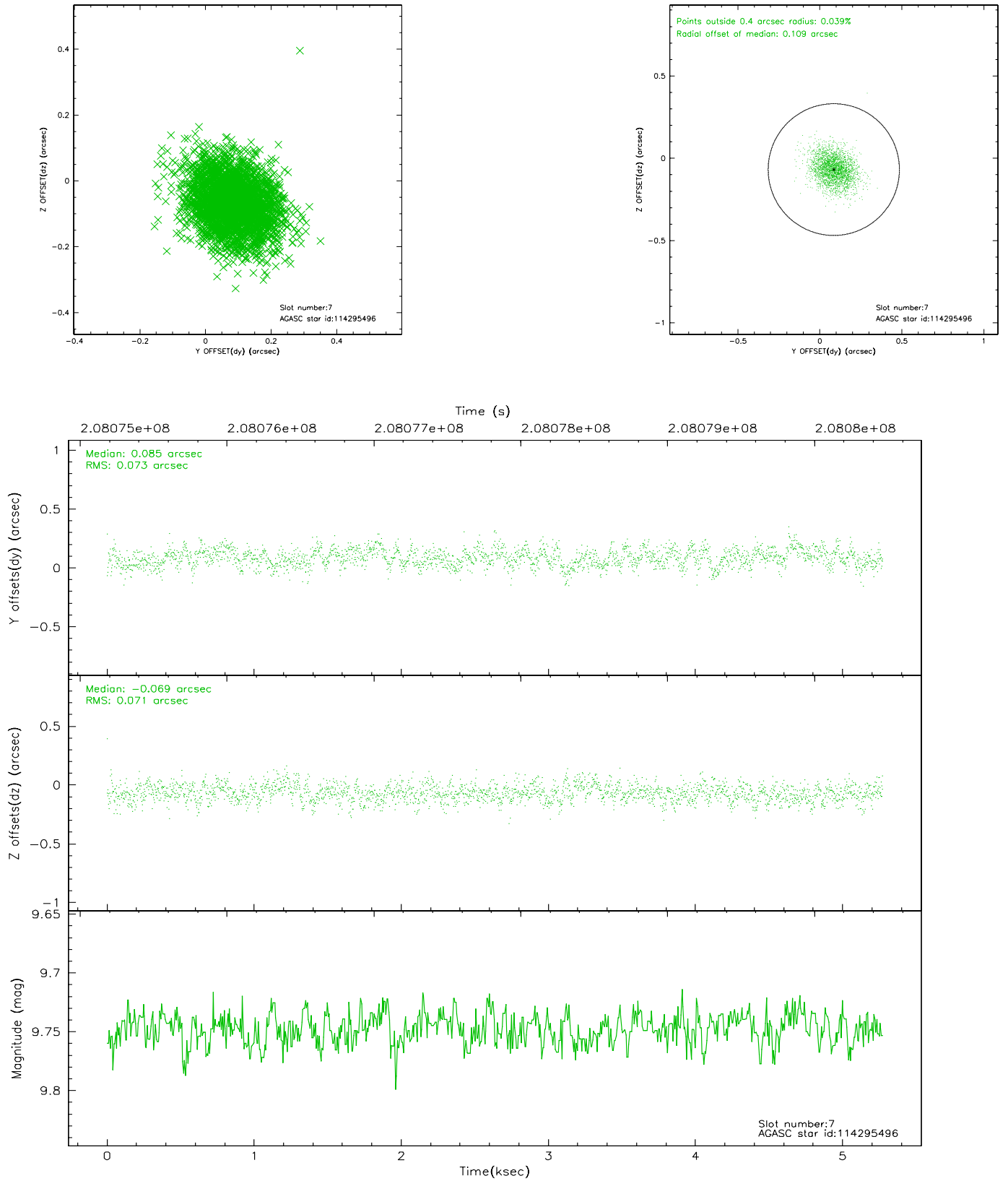
### 2.4.3 Slot 5



## 2.4.4 Slot 6

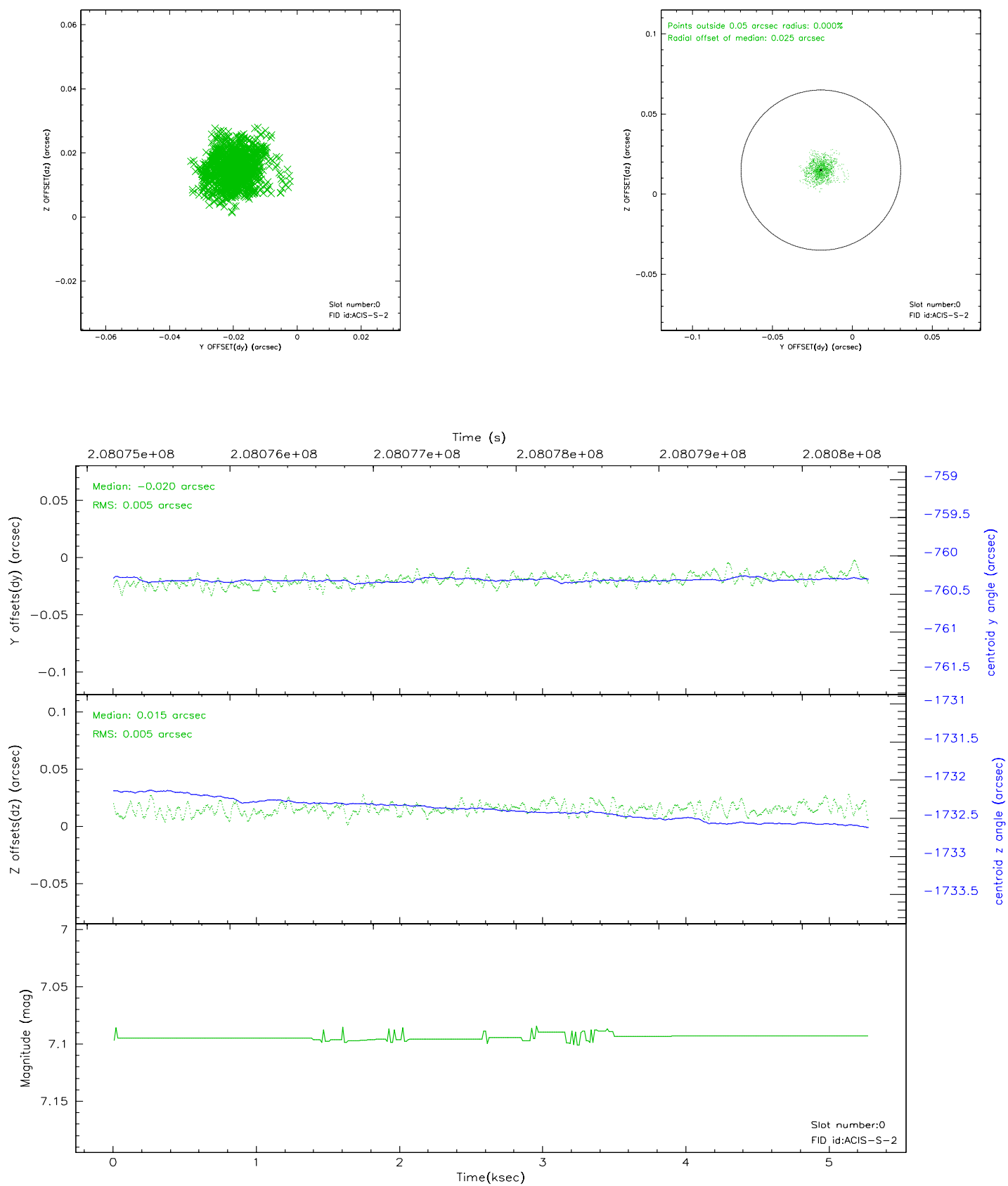


## 2.4.5 Slot 7

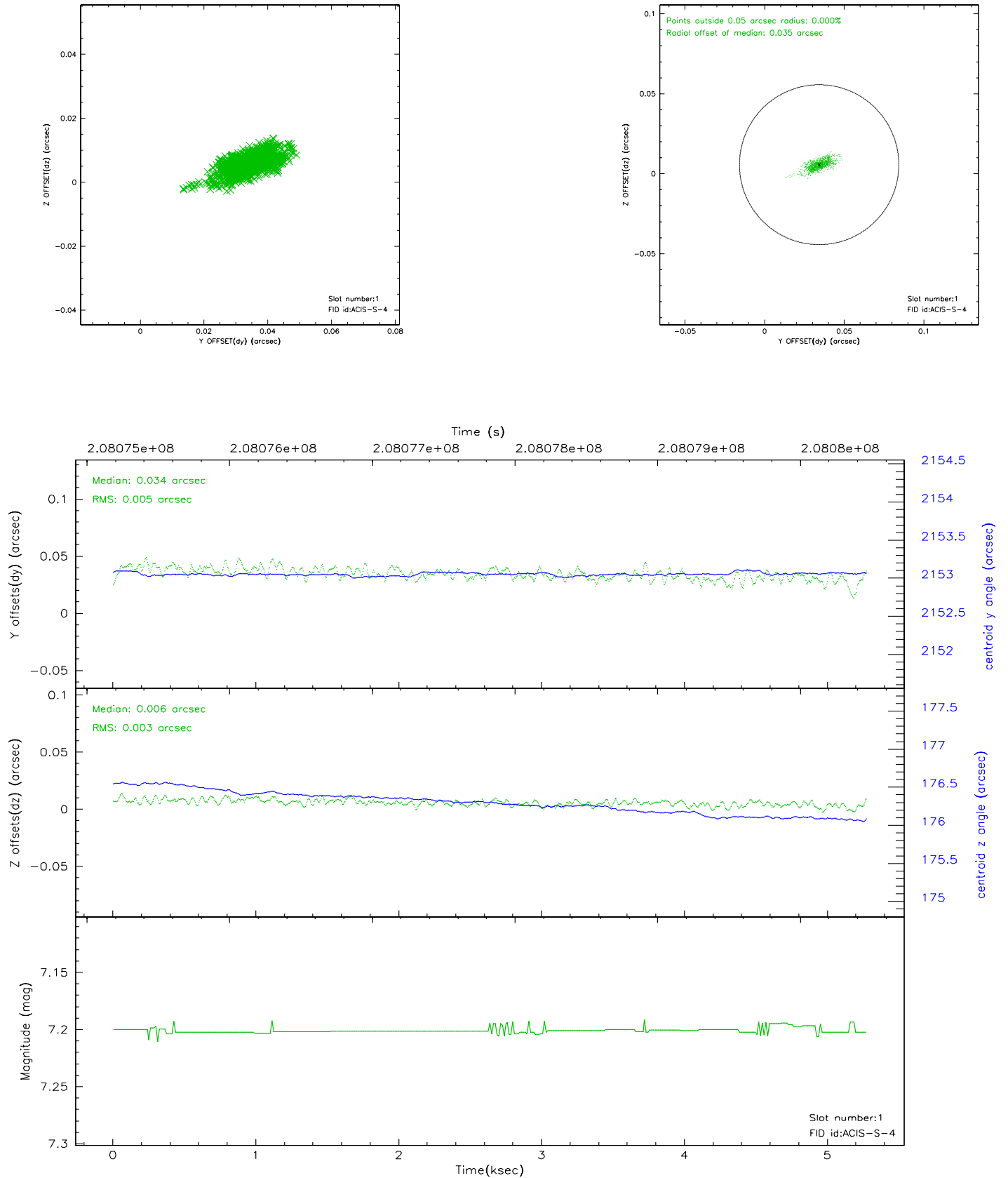


## 2.5 FID Slots

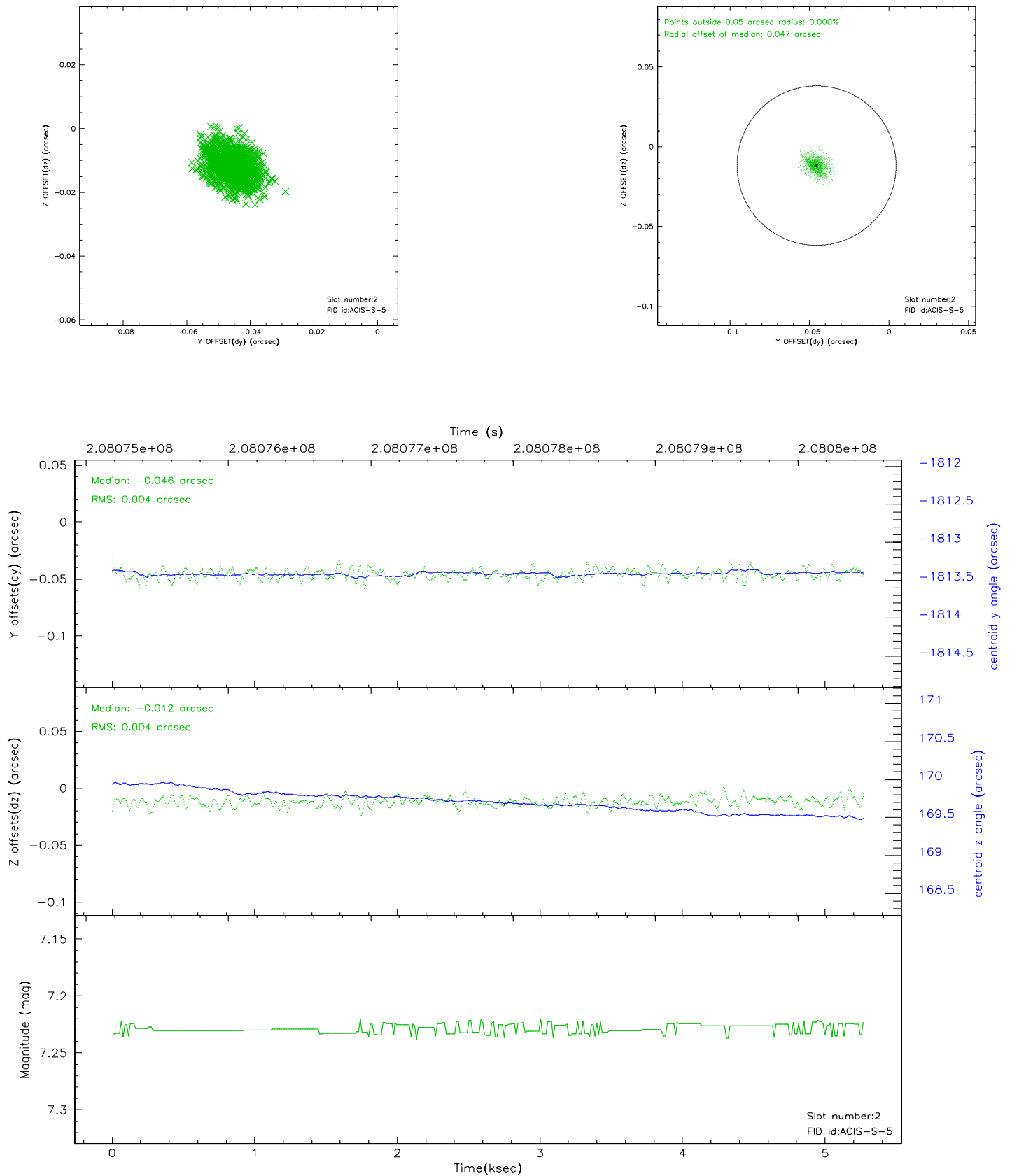
### 2.5.1 Slot 0



## 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)	2006.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.273

### A.2 Comments