

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 4879 - L2 Version 001  
Chandra X-Ray Center

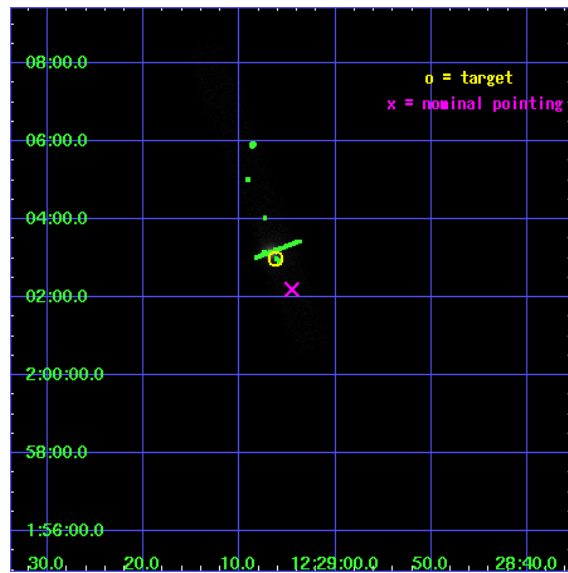
L2 Processing Date : Apr 28 2006

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# 1 Front

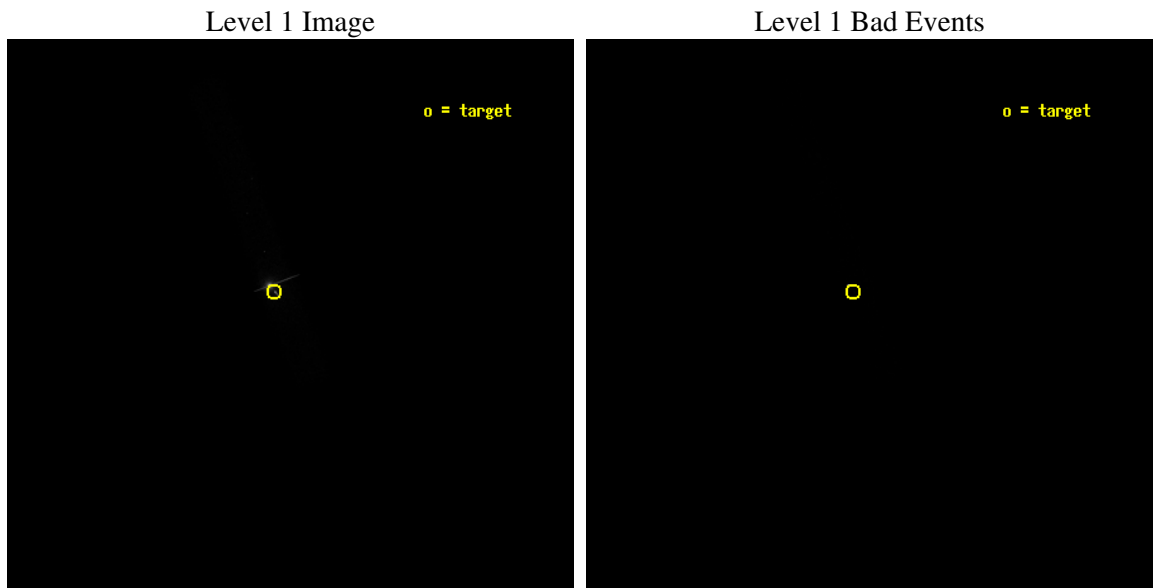
seq_num	700961
obs_id	4879
title	The X-ray emission mechanism in 3C273's jet
observer	Dr. Sebastian Jester
object	3C273-JET
dtcycle	0
cycle	P
ra_targ	187.275833
dec_targ	2.050111
ra_nom	187.26897662539
dec_nom	2.0366406573978
roll_nom	249.5714402977
revision	2
ontime	39234.000584632
livetime	35583.167589908
ontime7	39234.000584632
l2events	101806



## 2 OBI

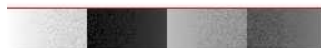
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-28T07:59:45
revision	2

sched_exp_time	39060.000000
ontime	40031.835659474
ontime7	40031.835659474
l1events	208115

### 2.1.4 Events

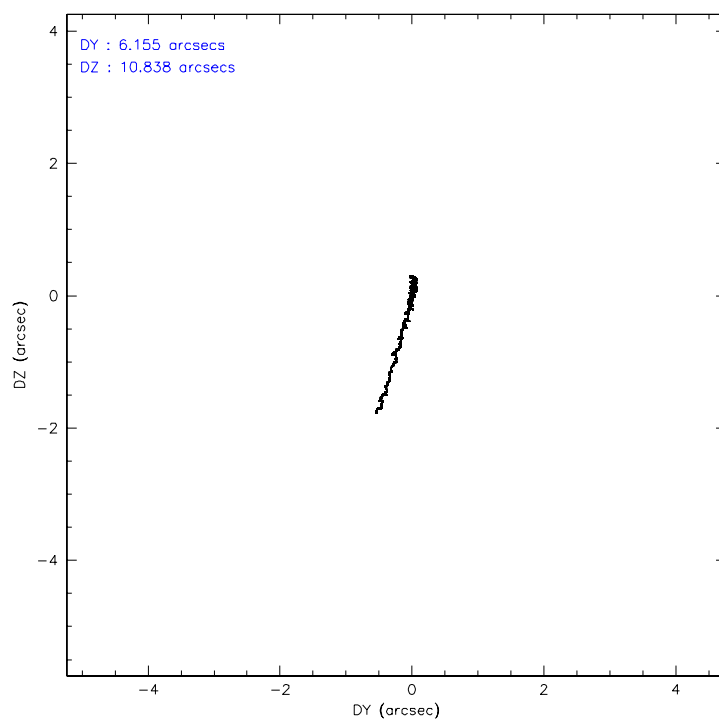
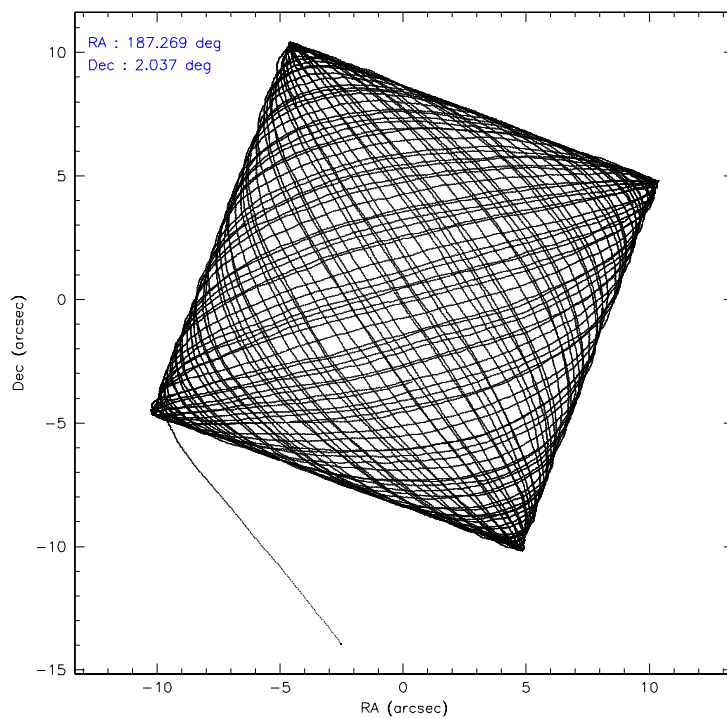
	<b>ccd 7</b>
level 1 events	208115
rejected events	105676
rejected %	50%

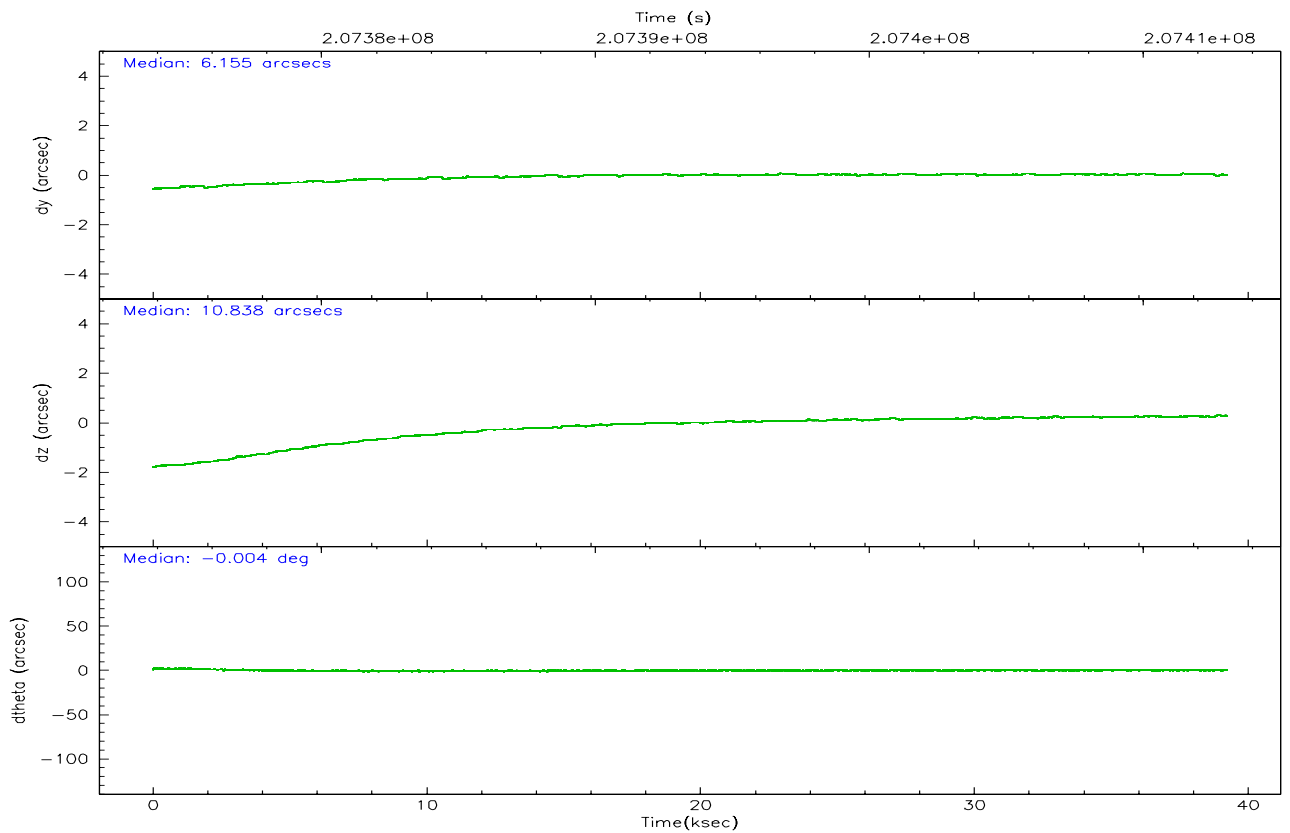
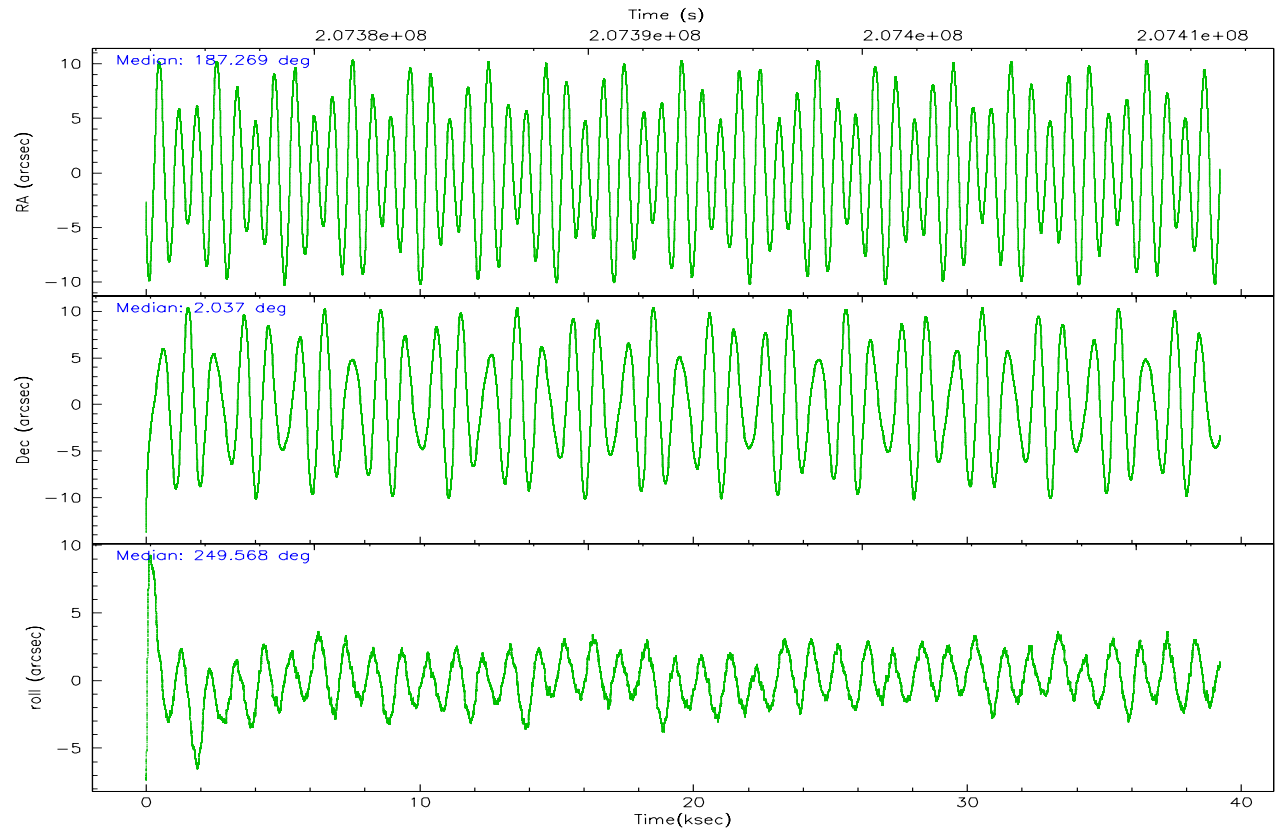
	<b>ccd 7</b>
grade 0 events	19314
	9%
grade 1 events	2085
	1%
grade 2 events	20949
	10%
grade 3 events	9919
	4%
grade 4 events	9157
	4%
grade 5 events	13420
	6%
grade 6 events	43774
	21%
grade 7 events	89497
	43%

## 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	CUSTOM	1/8
Pointing RA	187.264084	187.2689766253906	Subarray start row	115	115
Pointing Dec	2.063419	2.036640657397799	Subarray row count	128	128
Pointing Roll	249.414993	249.571440297695	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)	-182.132523	-182.1344861297048			
SIM translation stage offset (mm)	-8	-7.998036453302973			
Observation start time	207374014.184000	207372997.23057			
Observation start date	2004-07-28T03:52:30	2004-07-28T03:36:37			
Observation end time	207413074.184000	207413868.59489			
Observation end date	2004-07-28T14:43:30	2004-07-28T14:57:48			
Read mode	TIMED	TIMED			

## 2.3 Aspect





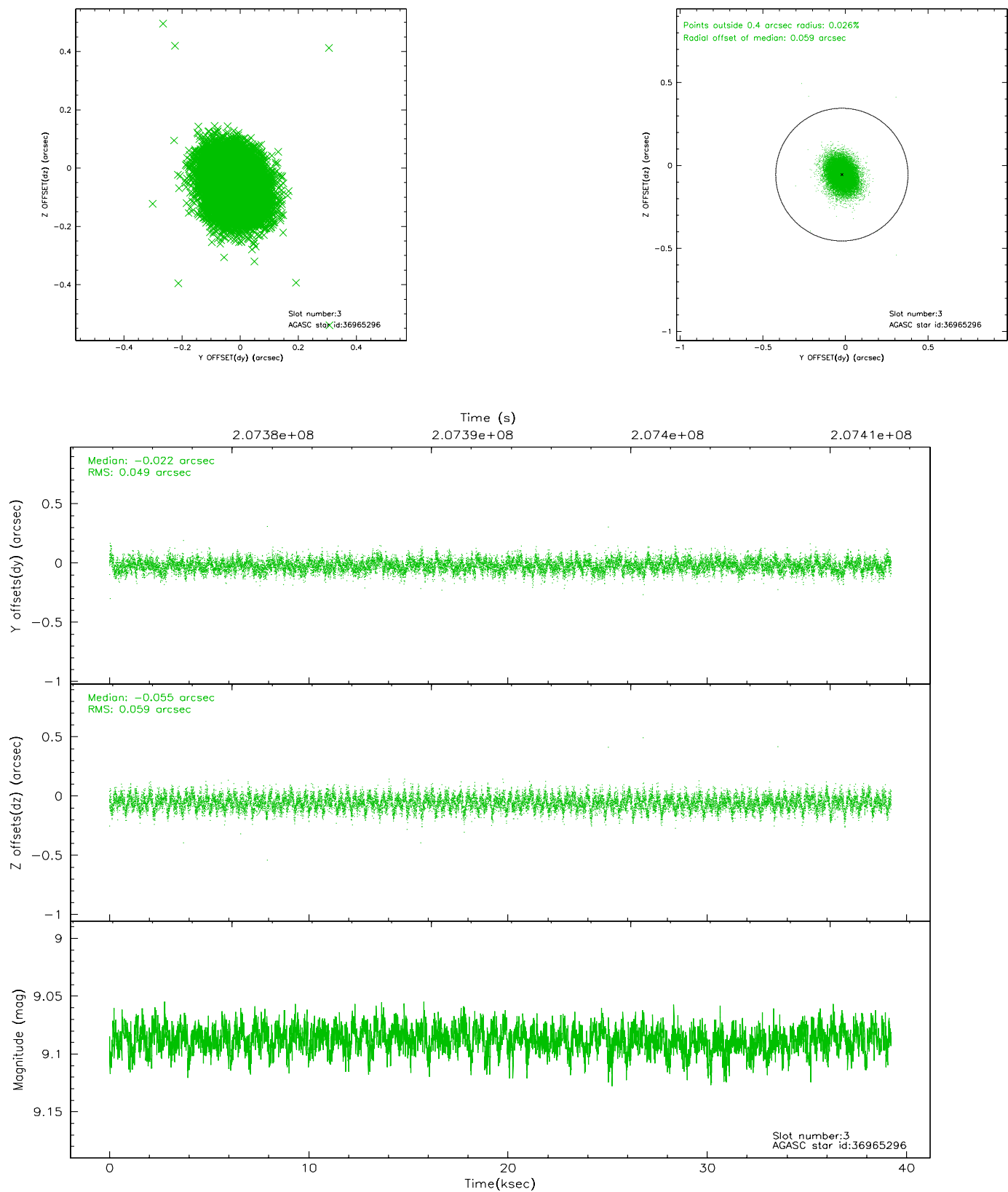
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.08	9569	-0.068	-0.096	0.015	0.029	0.000000	0.000000	-758.29	-1896.71
1	FID	ACIS-S-4	7.18	9569	0.094	0.057	0.011	0.027	0.000000	0.000000	2155.14	11.87
2	FID	ACIS-S-5	7.23	9570	-0.059	0.046	0.015	0.030	0.000000	0.000000	-1811.11	5.55
3	GUIDE	36965296	9.09	19127	-0.022	-0.055	0.081	0.132	186.926292	1.837429	1189.17	-851.83
4	GUIDE	36965896	9.71	19121	0.068	-0.179	0.114	0.182	187.153754	1.617178	1643.90	193.12
5	GUIDE	37356352	7.69	19139	-0.369	-0.090	0.054	0.087	187.433784	2.618460	-2085.16	-131.32
6	GUIDE	37883040	10.02	19128	0.248	0.183	0.125	0.210	187.575516	1.280402	2245.19	2040.88
7	GUIDE	36963280	9.65	19059	0.073	0.142	0.105	0.171	186.985307	1.456816	2397.49	-171.14

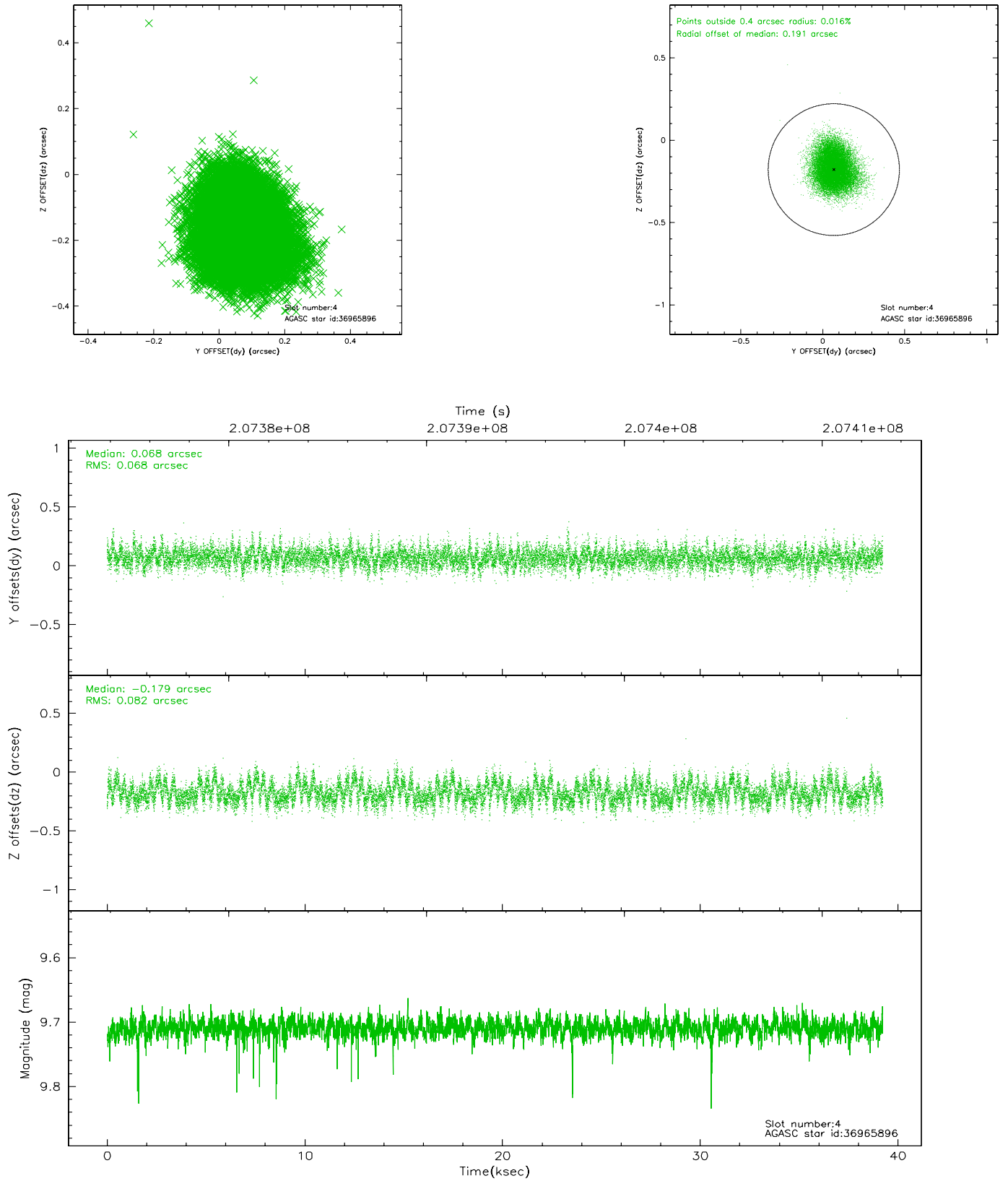


## 2.4 Star Slots

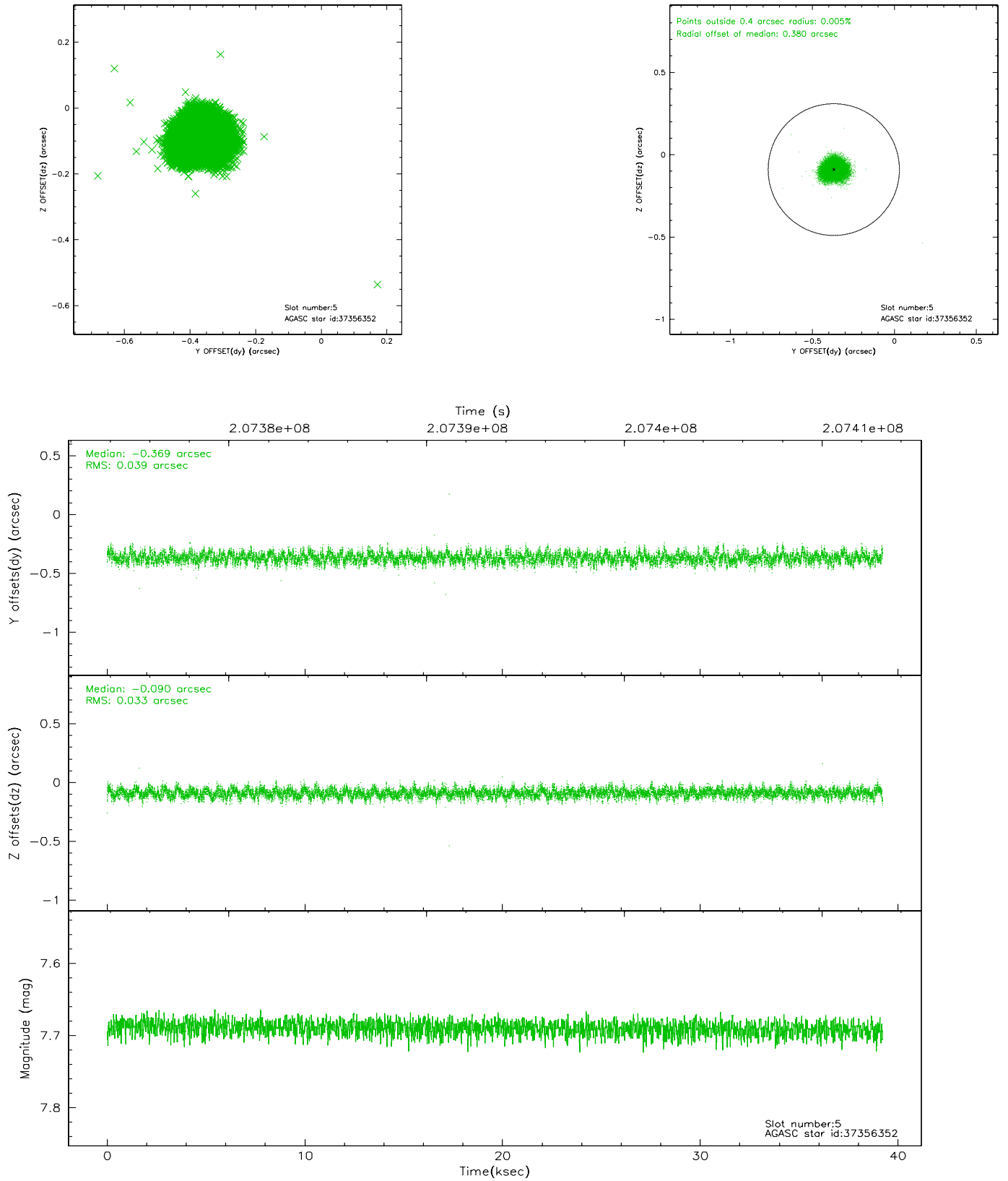
### 2.4.1 Slot 3



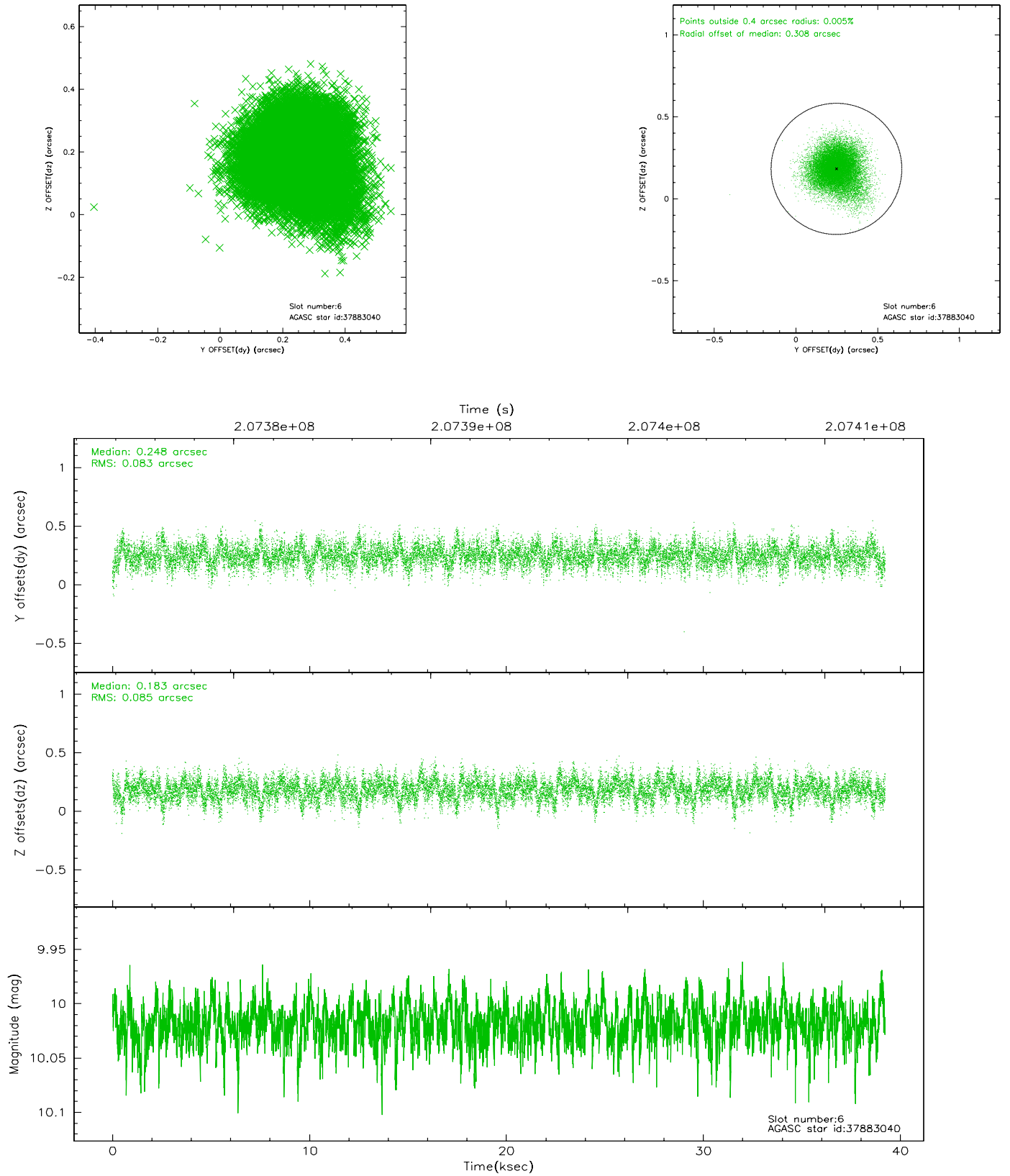
## 2.4.2 Slot 4



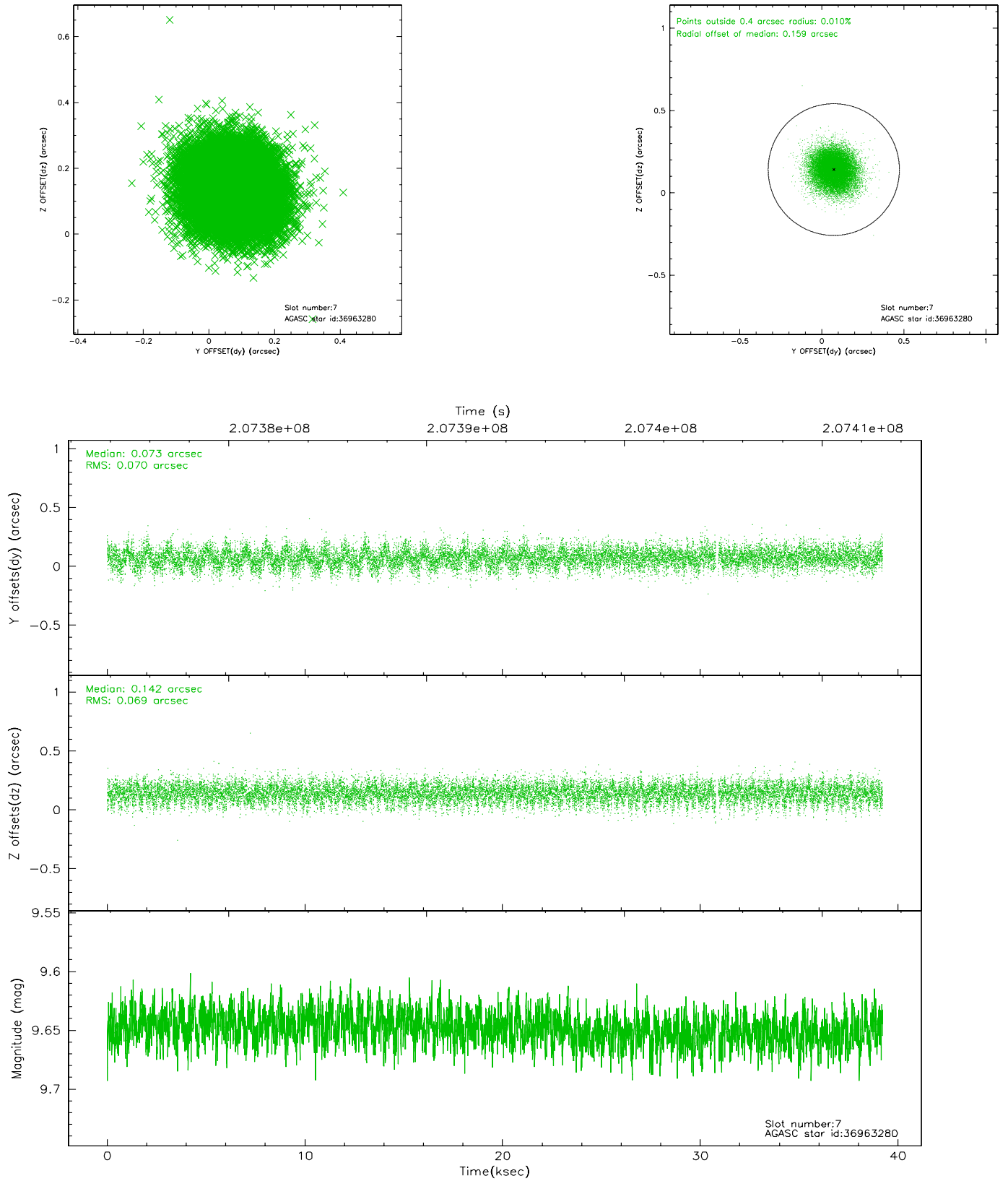
### 2.4.3 Slot 5



## 2.4.4 Slot 6

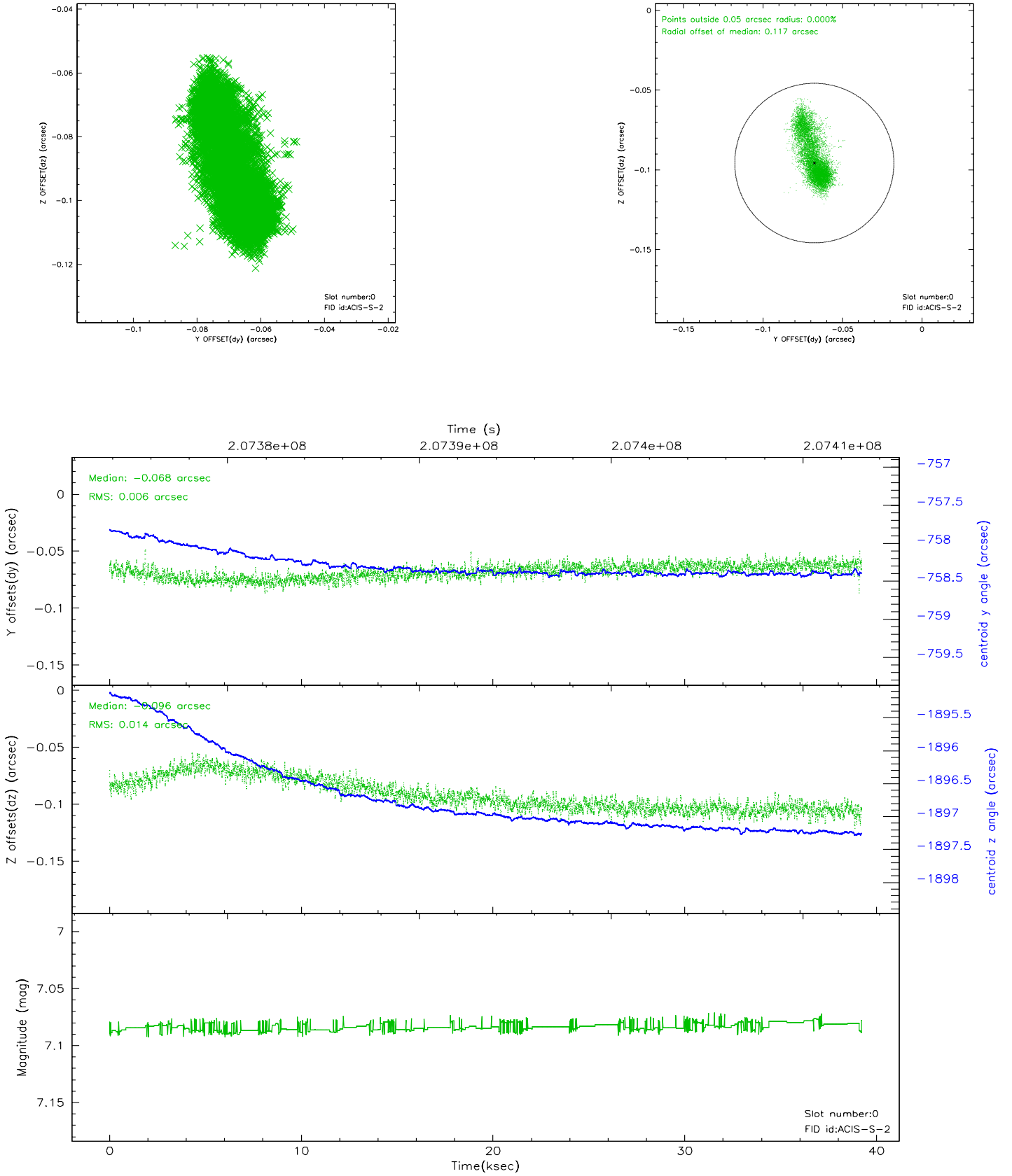


## 2.4.5 Slot 7

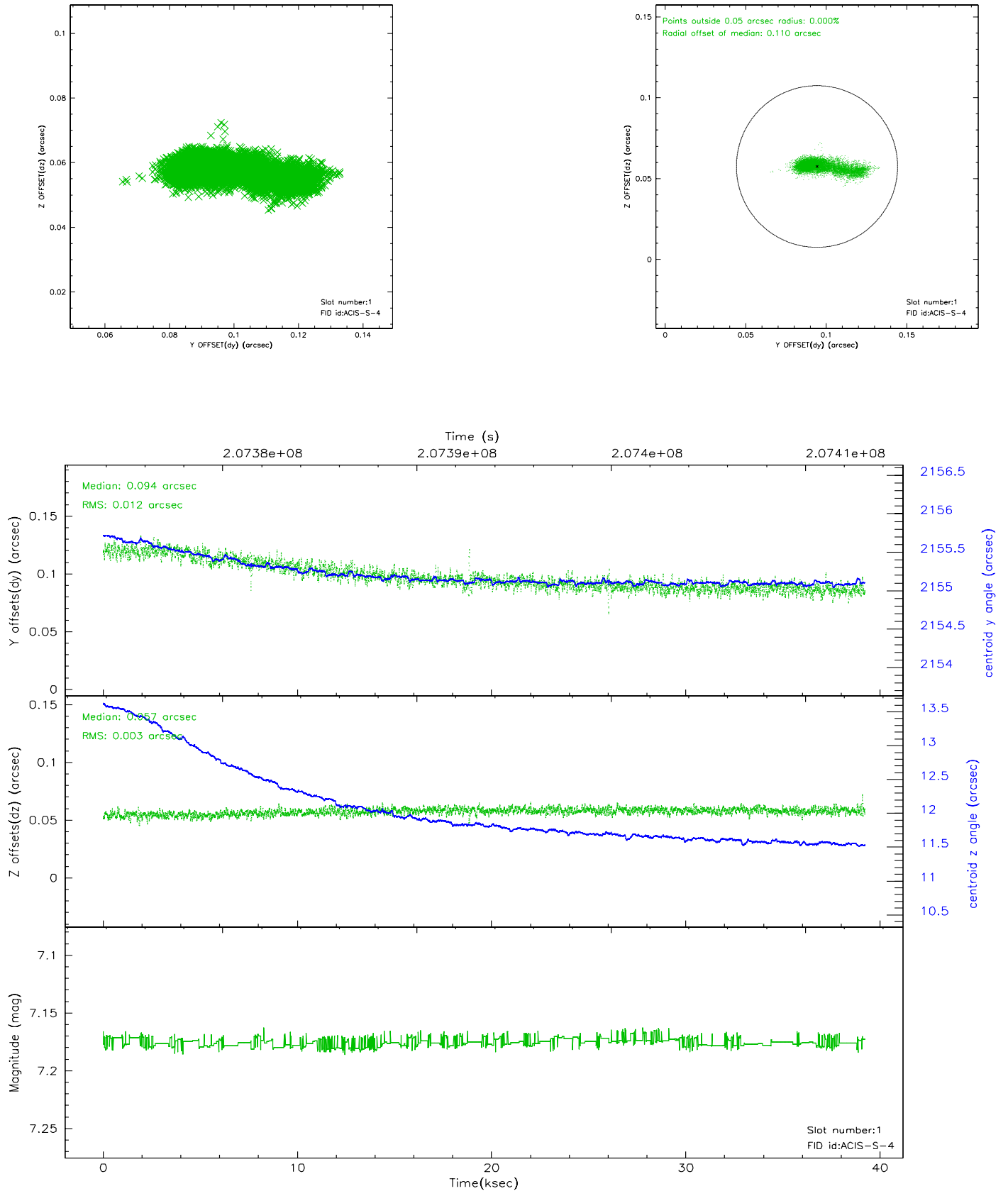


## 2.5 FID Slots

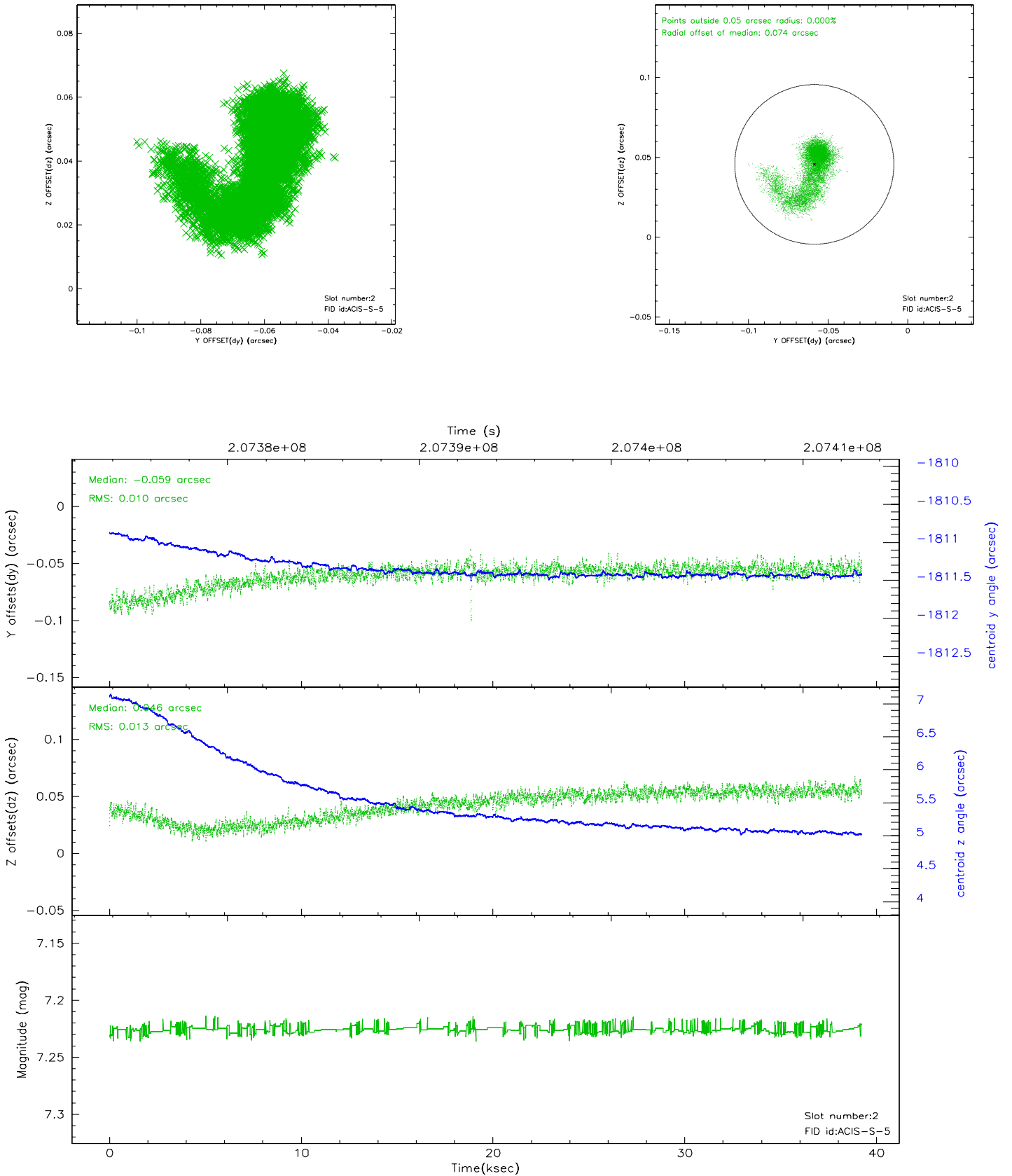
### 2.5.1 Slot 0



## 2.5.2 Slot 1



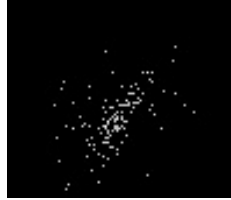
### 2.5.3 Slot 2





### 3 Point Sources

3.83 arcmin



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.234

### A.2 Comments