

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2314 - L2 Version 001  
Chandra X-Ray Center

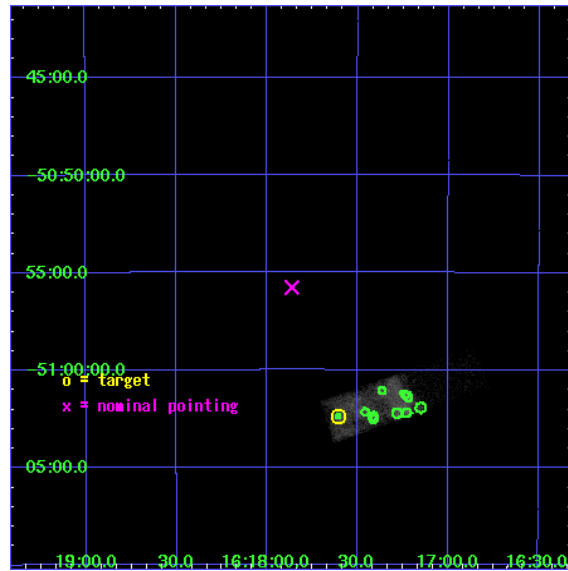
L2 Processing Date : Nov 15 2006

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# 1 Front

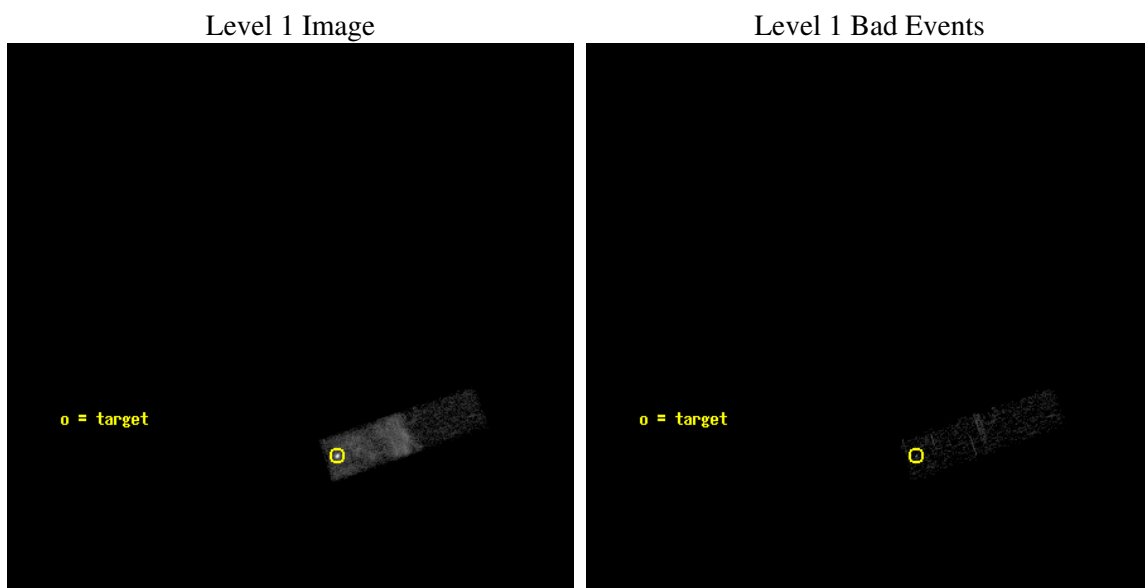
seq_num	500191
obs_id	2314
title	OBSERVATION OF SNR RCW103
observer	Professor Gordon Garmire
object	RCW103
dtcycle	0
cycle	P
ra_targ	244.401292
dec_targ	-51.0402
ra_nom	244.46579264247
dec_nom	-50.929570808864
roll_nom	70.963808955457
revision	2
ontime	4246.3999841809
livetime	4039.189559765
ontime3	4246.3999841809
l2events	23640



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 3



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-15T16:52:06
revision	2

sched_exp_time	3500.000000
ontime	4248.0424043685
ontime3	4248.0424043685
l1events	32587

### 2.1.4 Events

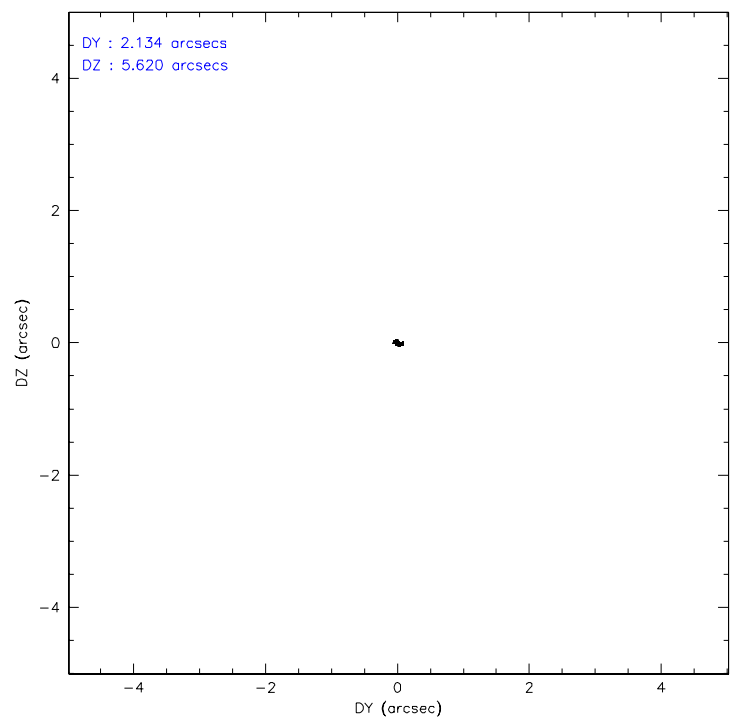
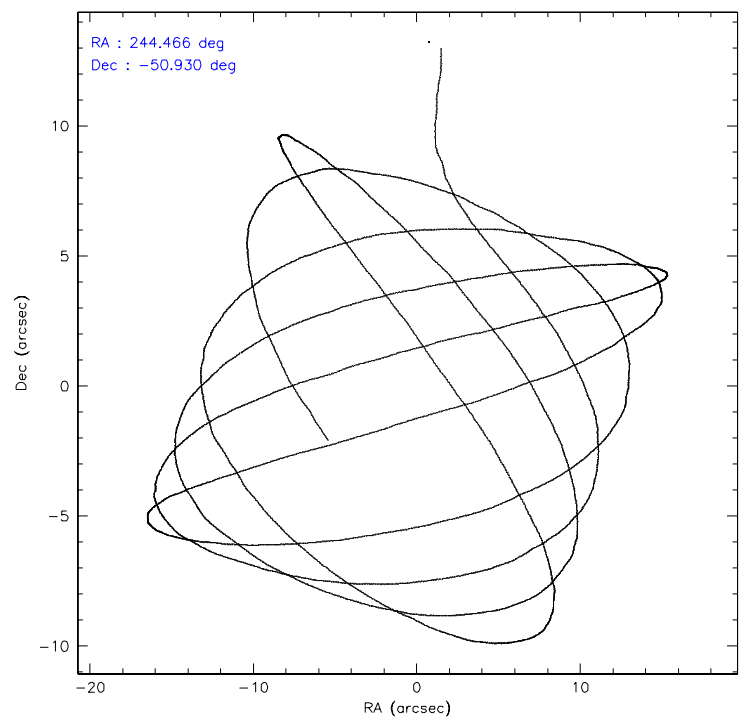
	<b>ccd 3</b>
level 1 events	32587
rejected events	8299
rejected %	25%

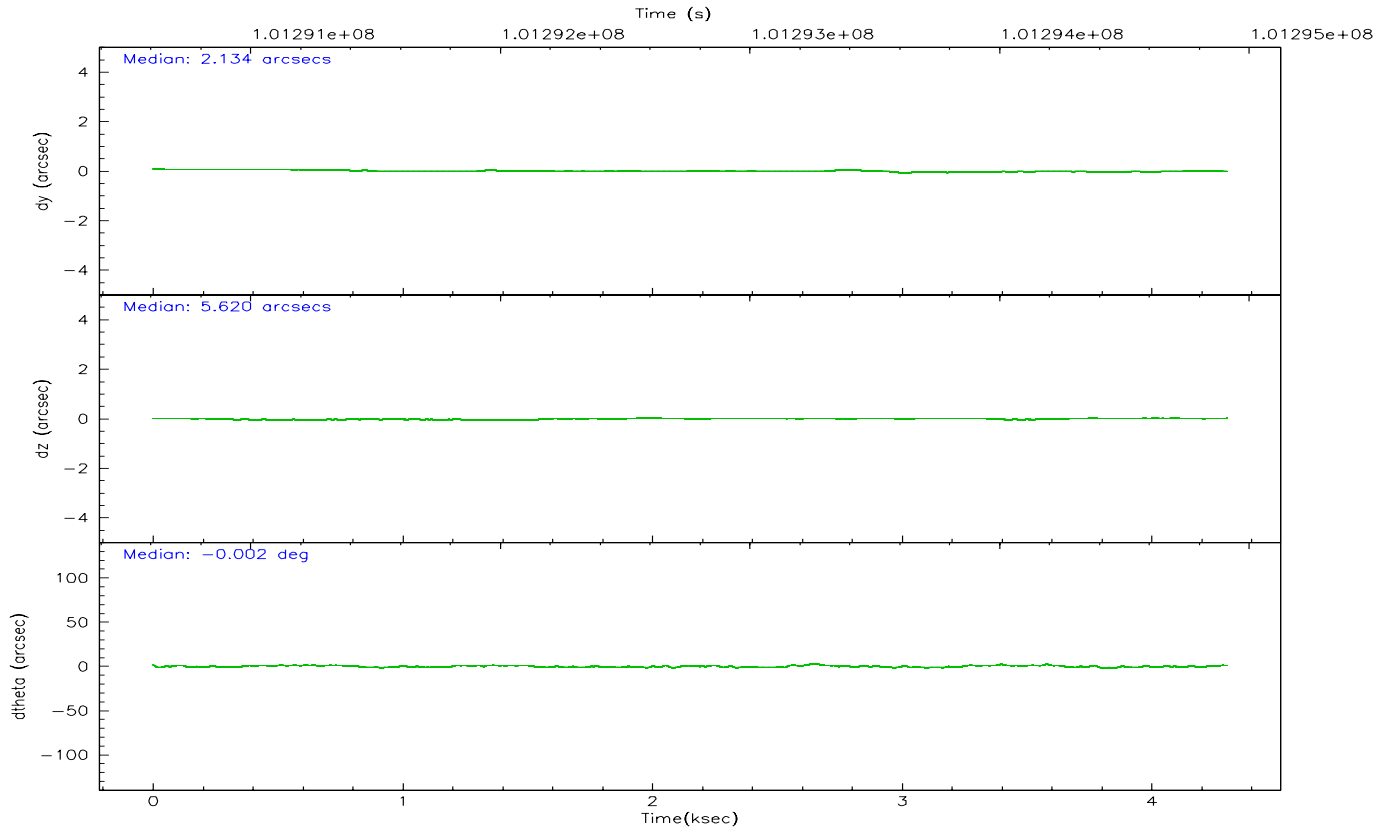
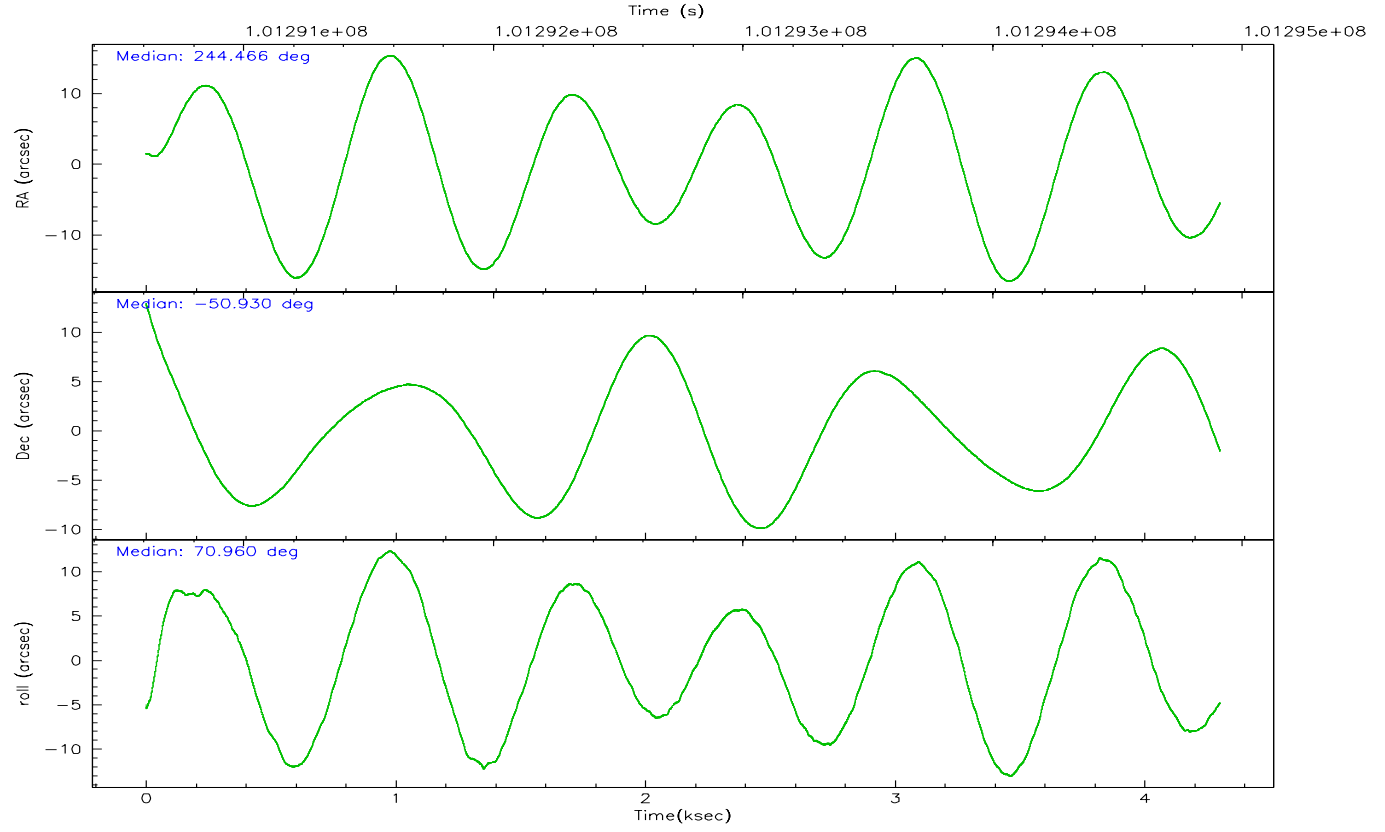
	<b>ccd 3</b>
grade 0 events	20052
	61%
grade 1 events	98
	0%
grade 2 events	2234
	6%
grade 3 events	767
	2%
grade 4 events	752
	2%
grade 5 events	273
	0%
grade 6 events	491
	1%
grade 7 events	7920
	24%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	244.474083	244.4657926424707	Subarray requested	CUSTOM	1/4
Pointing Dec	-50.956636	-50.92957080886403	Subarray start row	1	1
Pointing Roll	70.761584	70.96380895545708	Subarray row count	256	256
Window start time	99964864.184000	99964864.184000	Alternating exposures requested	N	N
Window stop time	101692864.184000	101692864.184000	Primary exposure time	0.000000	0.8
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	101291410.184000	101290144.2678			
Observation start date	2001-03-18T08:29:06	2001-03-18T08:09:04			
Observation end time	101294910.184000	101295581.38051			
Observation end date	2001-03-18T09:27:26	2001-03-18T09:39:41			
Read mode	TIMED	TIMED			

## 2.3 Aspect





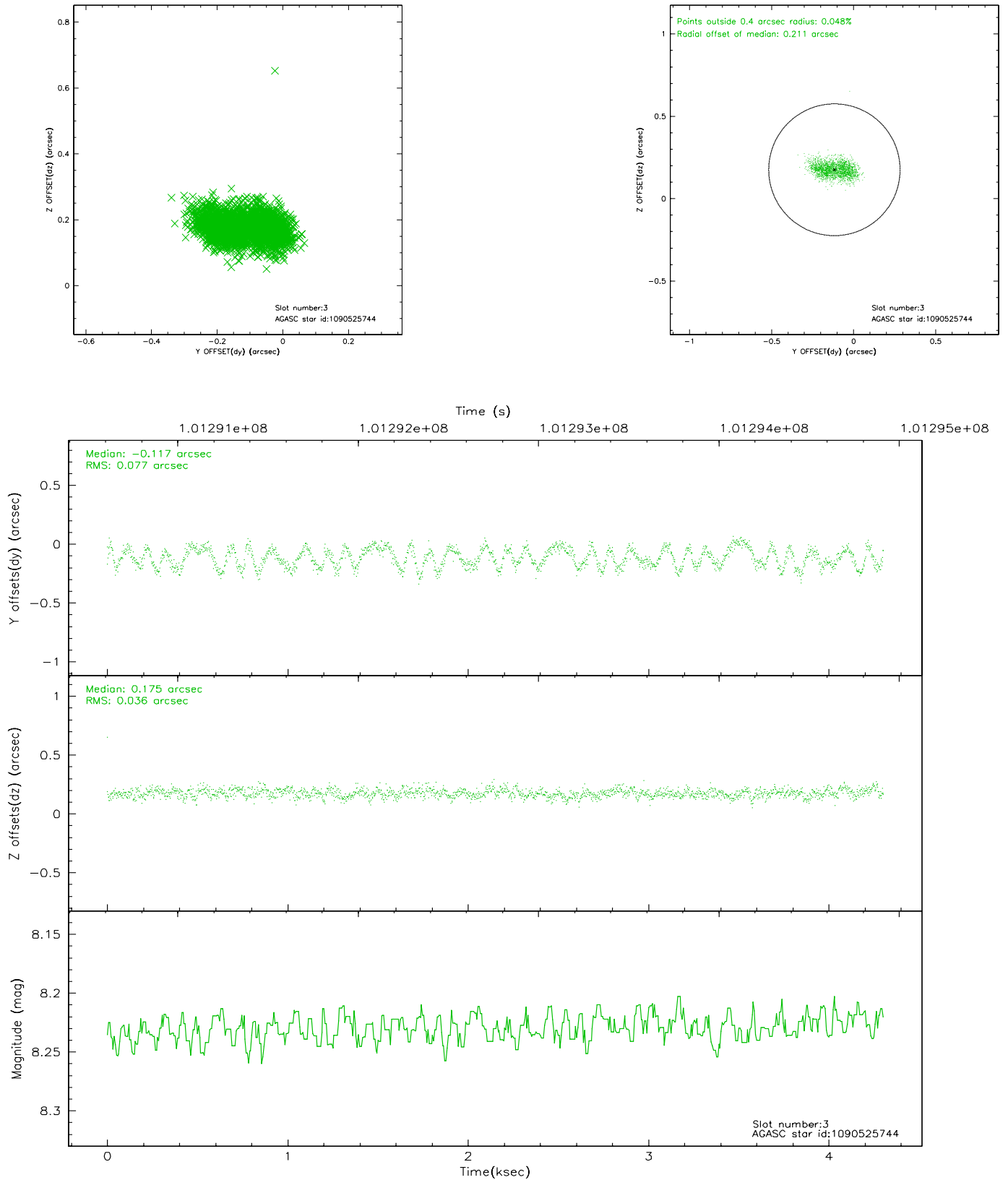
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	1050	-0.019	-0.036	0.015	0.025	0.000000	0.000000	-756.52	-835.37
1	FID	ACIS-I-4	7.18	1050	-0.050	0.030	0.013	0.026	0.000000	0.000000	2156.86	1070.14
2	FID	ACIS-I-5	7.23	1050	-0.029	0.073	0.016	0.026	0.000000	0.000000	-1808.49	1069.68
3	GUIDE	1090525744	8.23	2100	-0.117	0.175	0.093	0.142	245.649389	-50.543894	2269.42	-2056.44
4	GUIDE	1091059112	9.06	2100	-0.085	0.144	0.069	0.111	245.180420	-50.736664	1272.47	-1262.44
5	GUIDE	1090922592	8.69	2100	0.017	-0.361	0.087	0.135	243.541382	-50.784876	-127.60	2201.77
6	GUIDE	1090916640	8.91	2100	0.224	0.132	0.070	0.109	244.322461	-51.464734	-1838.48	-281.33
7	GUIDE	1090921280	9.08	2097	-0.031	-0.087	0.063	0.102	244.365071	-50.638328	999.52	611.71

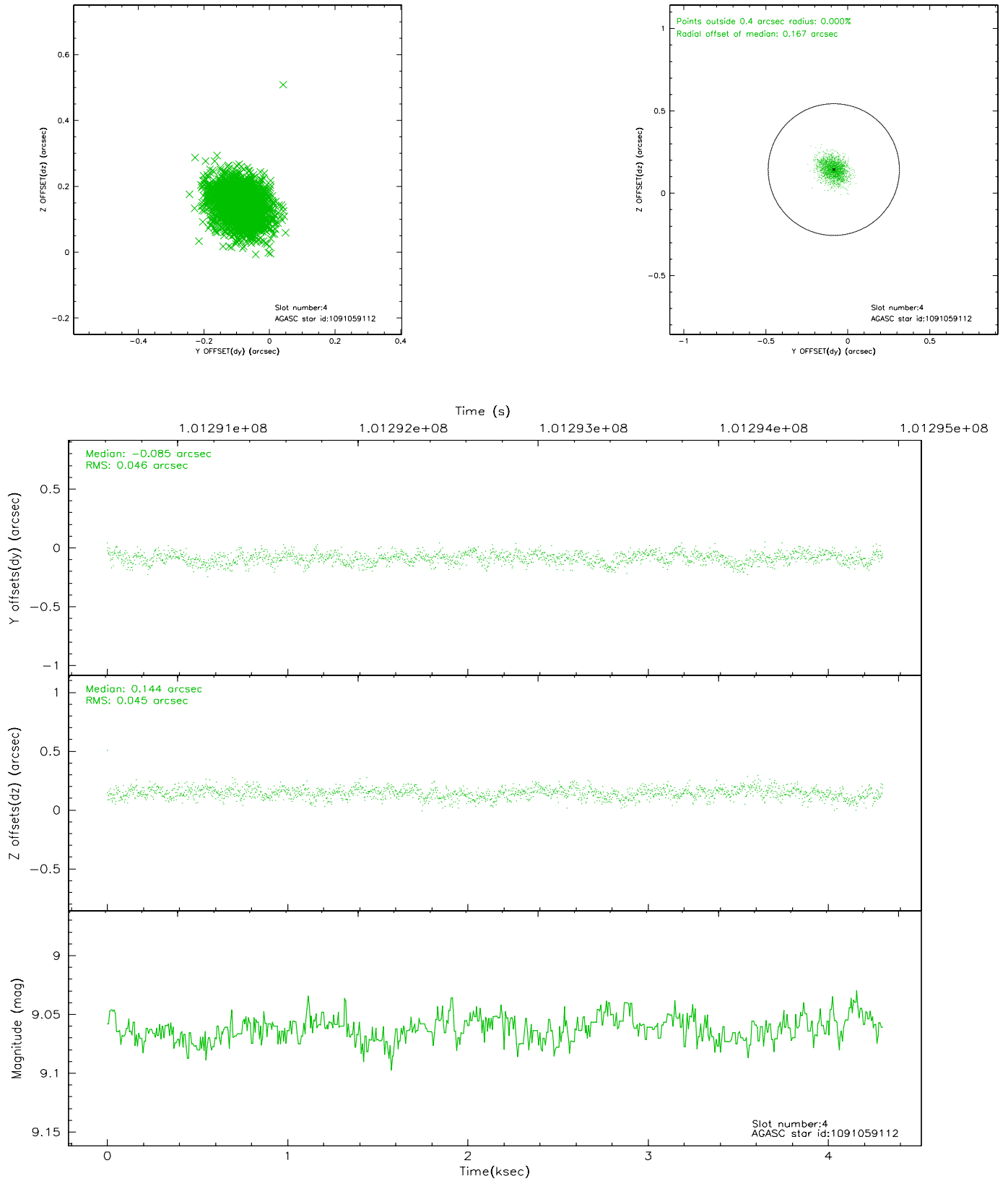


## 2.4 Star Slots

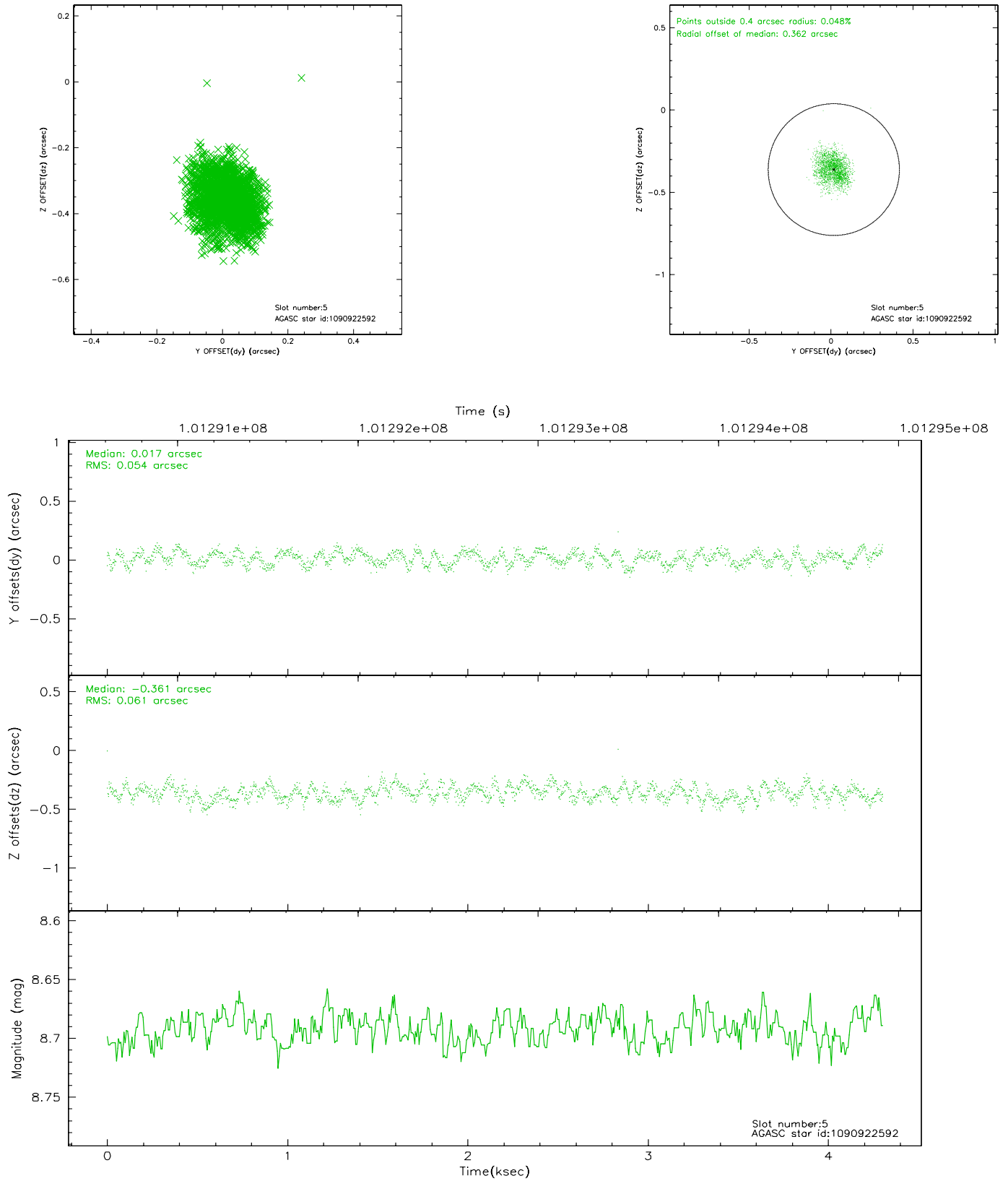
### 2.4.1 Slot 3



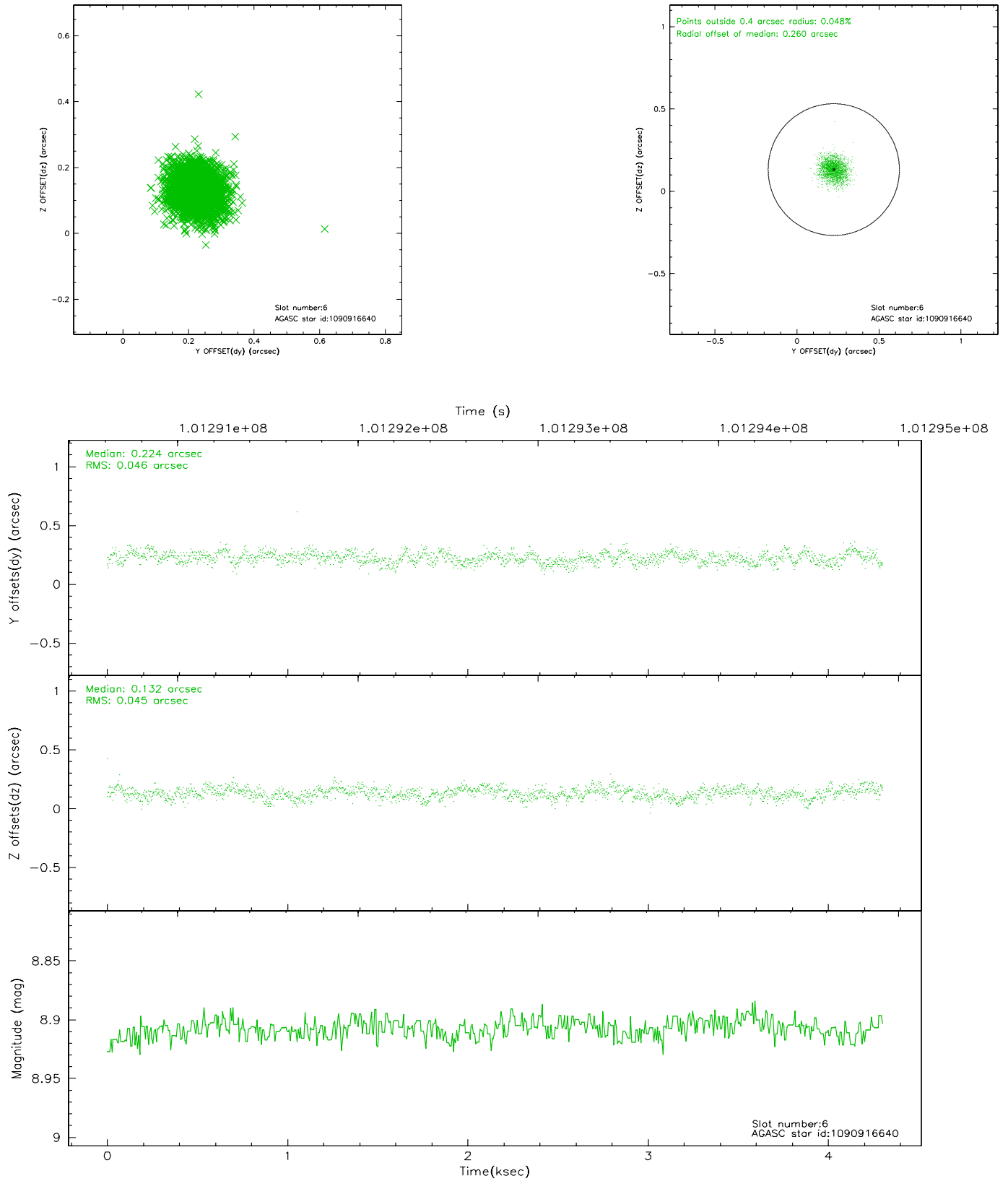
## 2.4.2 Slot 4



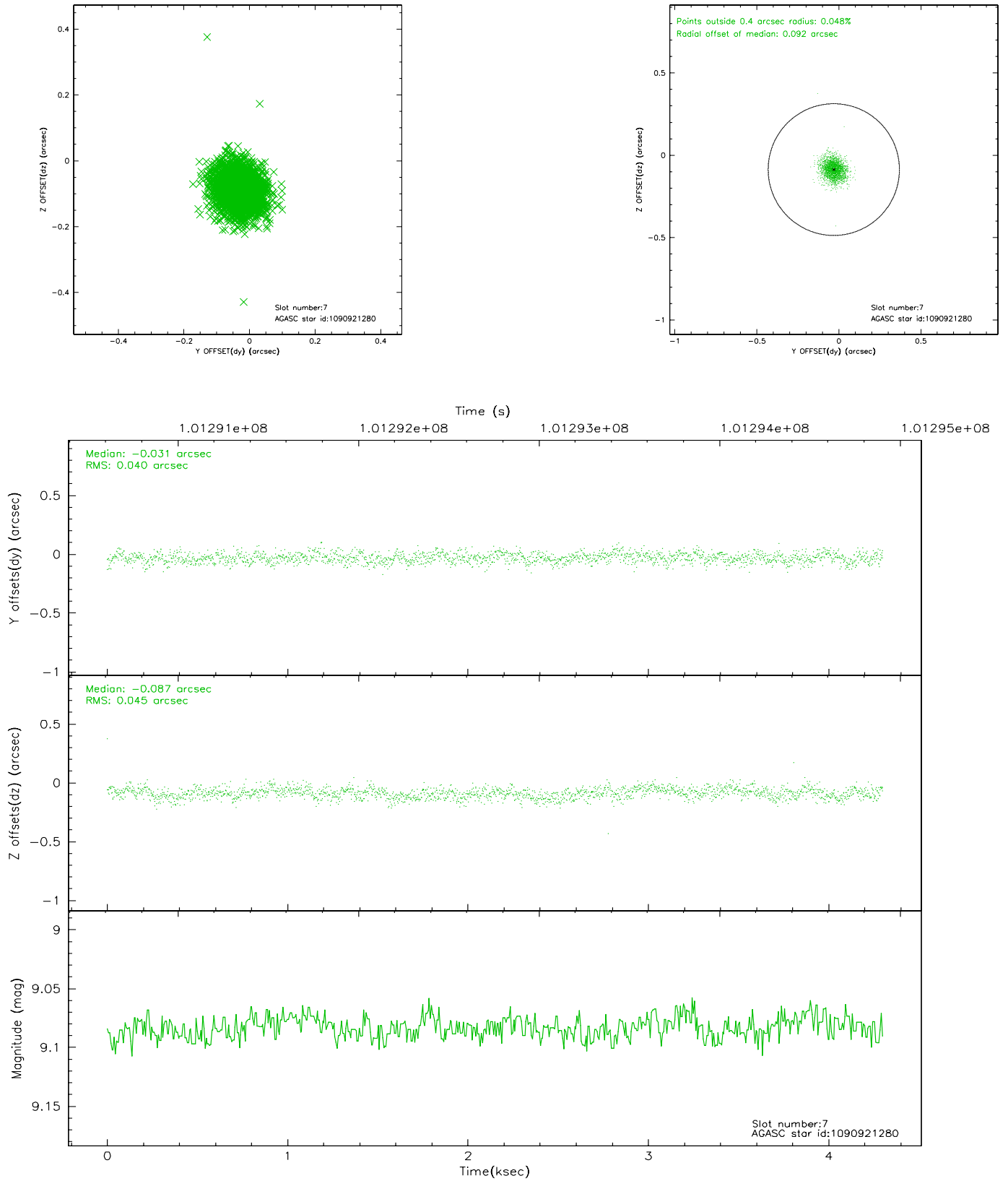
### 2.4.3 Slot 5



## 2.4.4 Slot 6

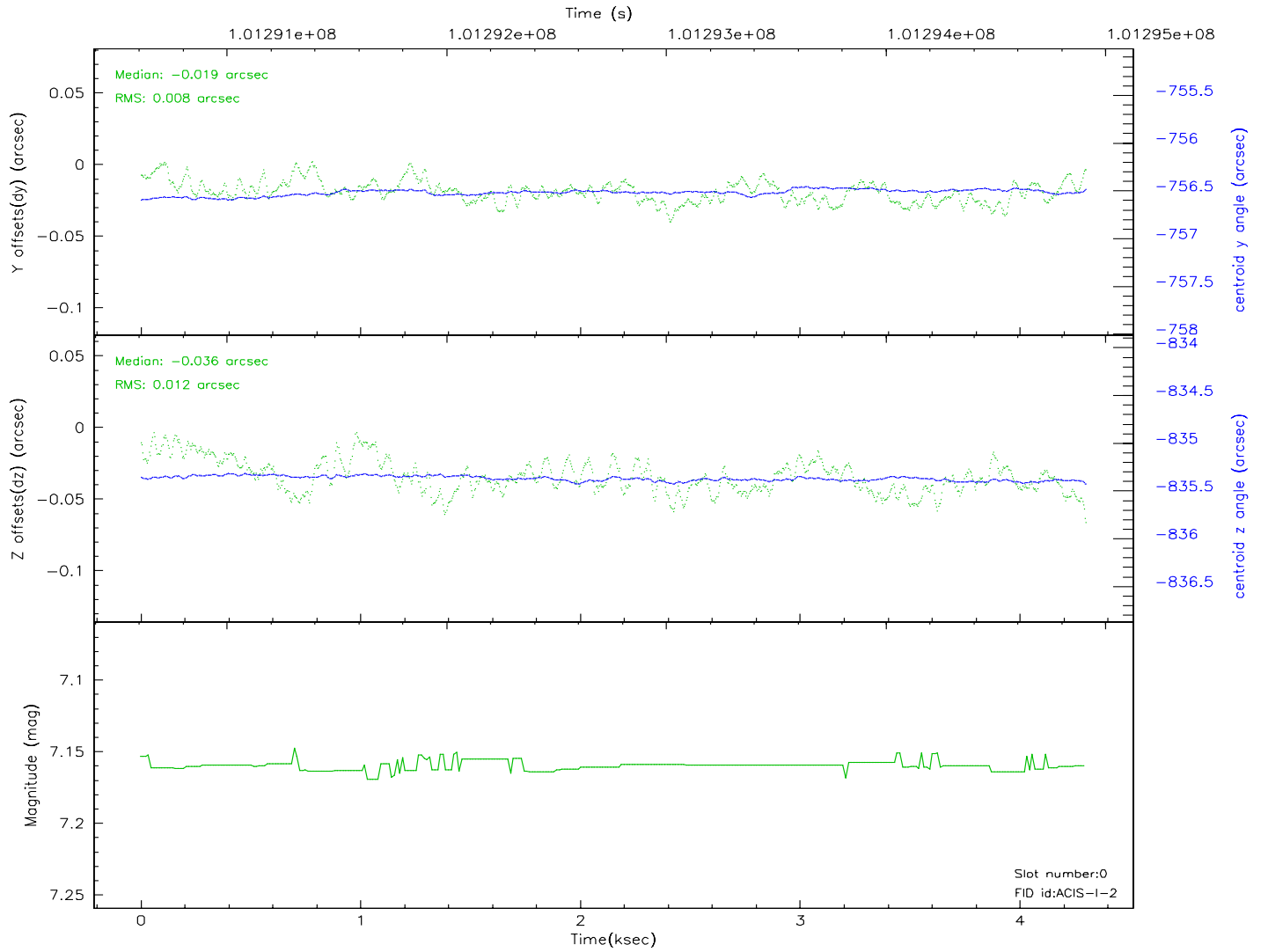
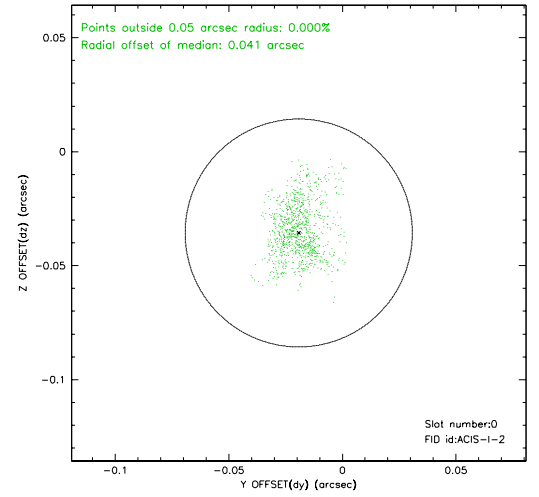
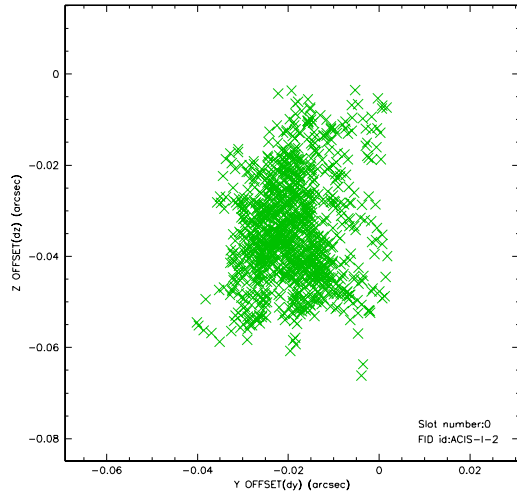


## 2.4.5 Slot 7

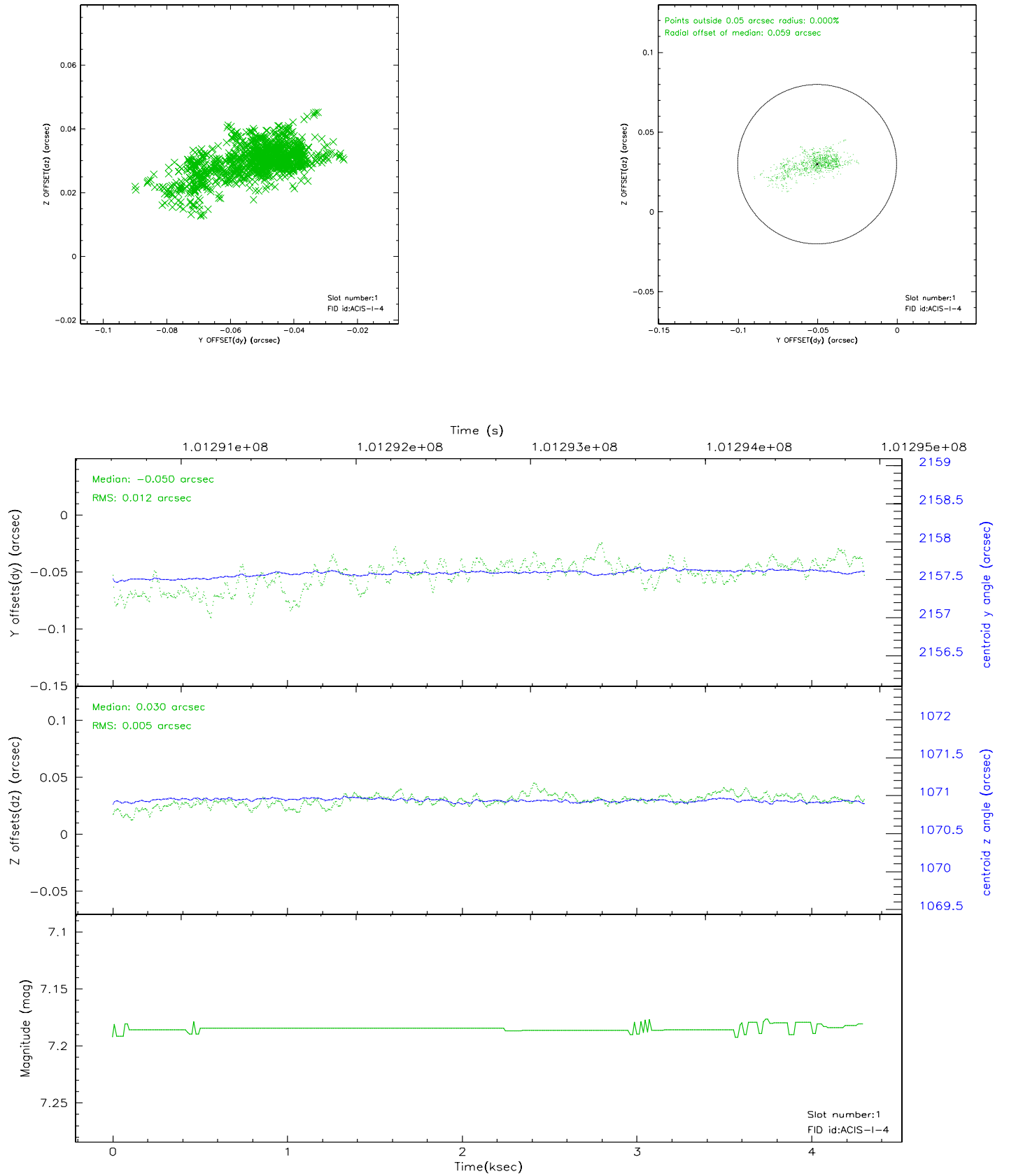


## 2.5 FID Slots

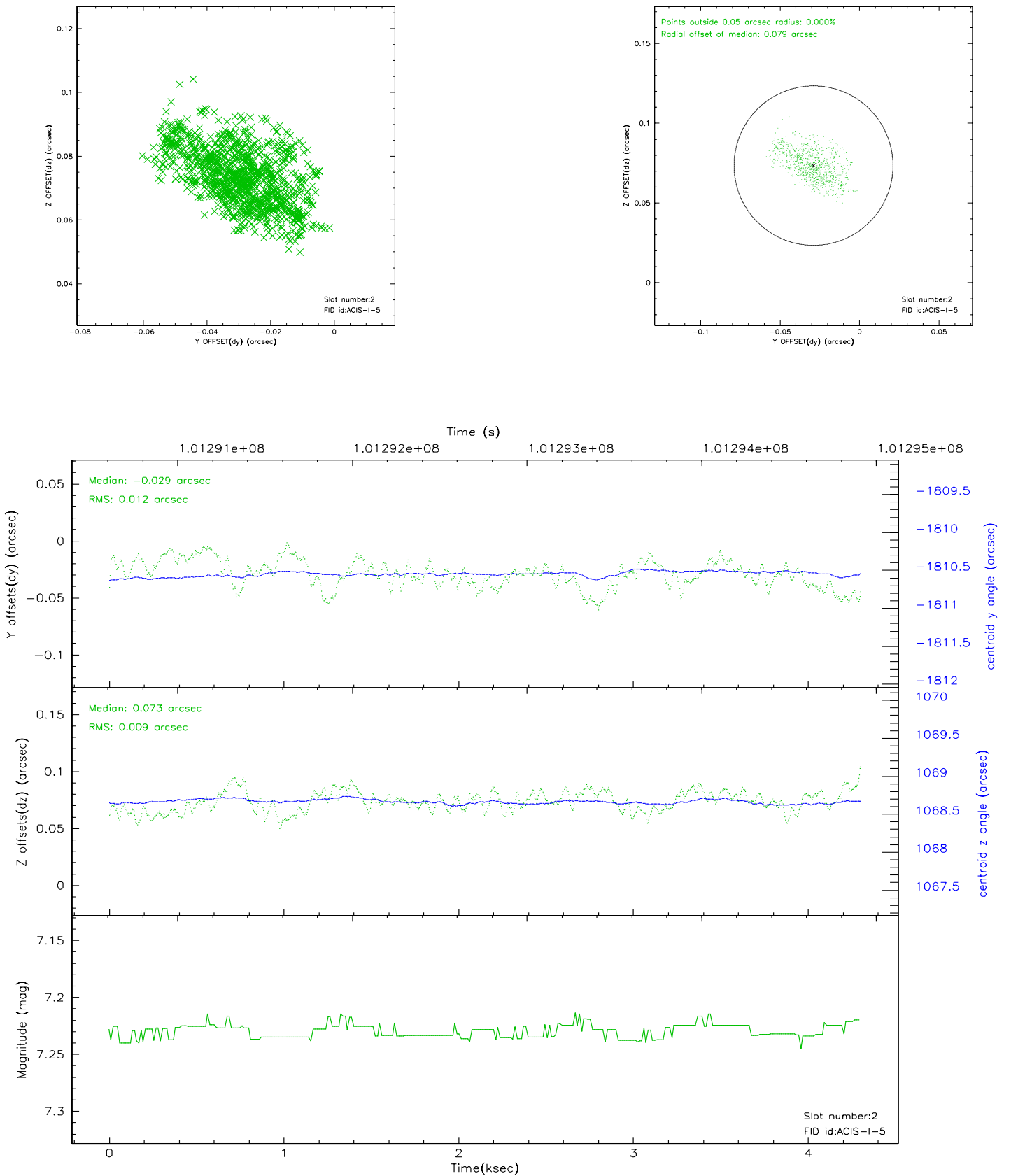
### 2.5.1 Slot 0



## 2.5.2 Slot 1



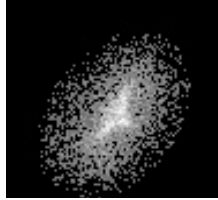
### 2.5.3 Slot 2





### 3 Point Sources

7.07 arcmin



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.247

## A.2 Comments

Window constraint met.

The target is away from the aimpoint of the chip.