

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5671 - L2 Version 002  
Chandra X-Ray Center

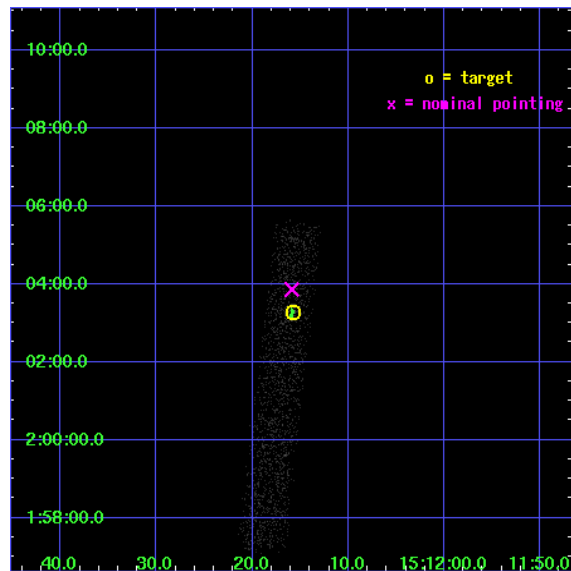
L2 Processing Date : Mar 17 2006

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# 1 Front

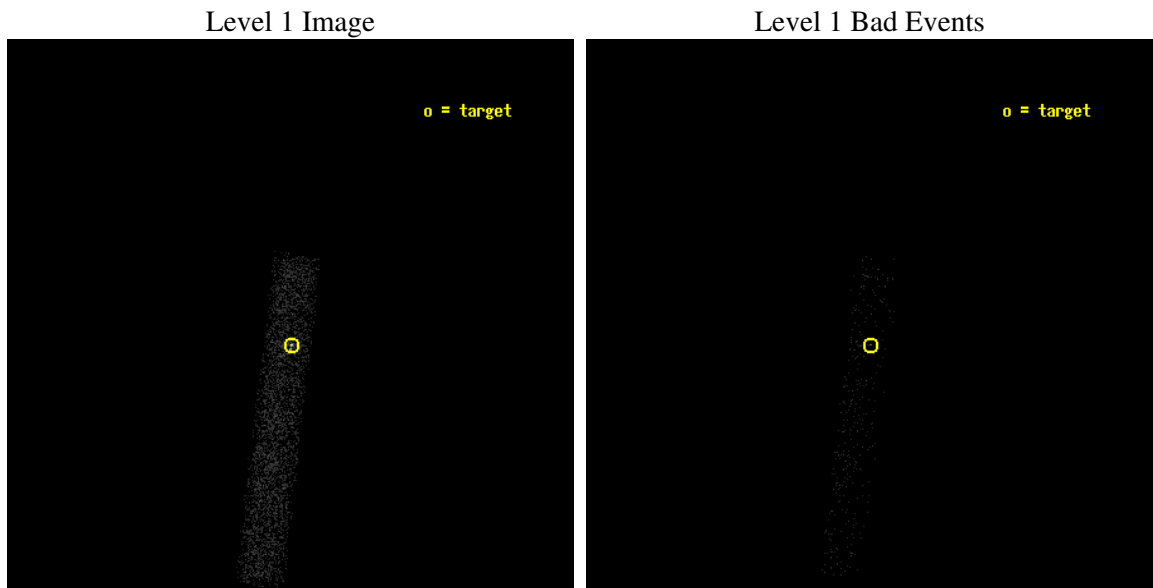
seq_num	701094
obs_id	5671
title	Gems in the Chandra Deep Fields: The Nature of Optically Passive X-ray Galaxies (aka XBONGs)
observer	Dr. Sally Laurent-Muehleisen
object	RGB1512+020A
dtcycle	0
cycle	P
ra_targ	228.065833
dec_targ	2.054722
ra_nom	228.06623661926
dec_nom	2.0642779001757
roll_nom	96.707041561707
revision	2
ontime	3186.800047487
livetime	2890.2594299719
ontime7	3186.800047487
l2events	2647



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-17T17:14:54
revision	2

sched_exp_time	3000.000000
ontime	3651.3357357681
ontime7	3651.3357357681
l1events	5889

### 2.1.4 Events

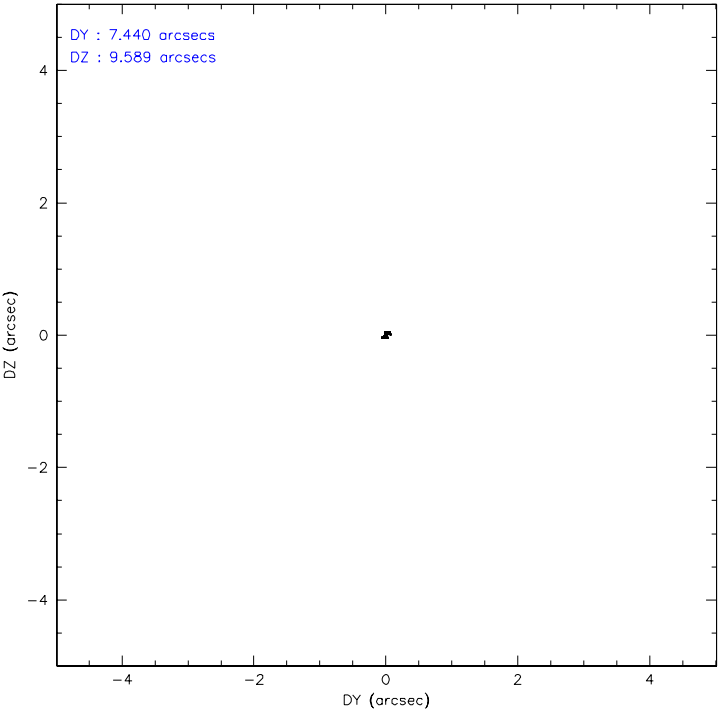
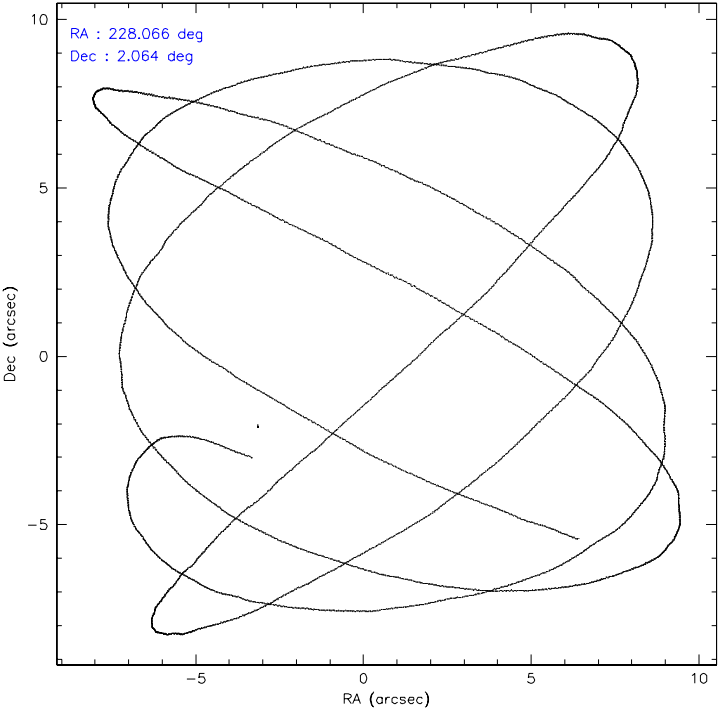
	<b>ccd 7</b>
level 1 events	5889
rejected events	3115
rejected %	52%

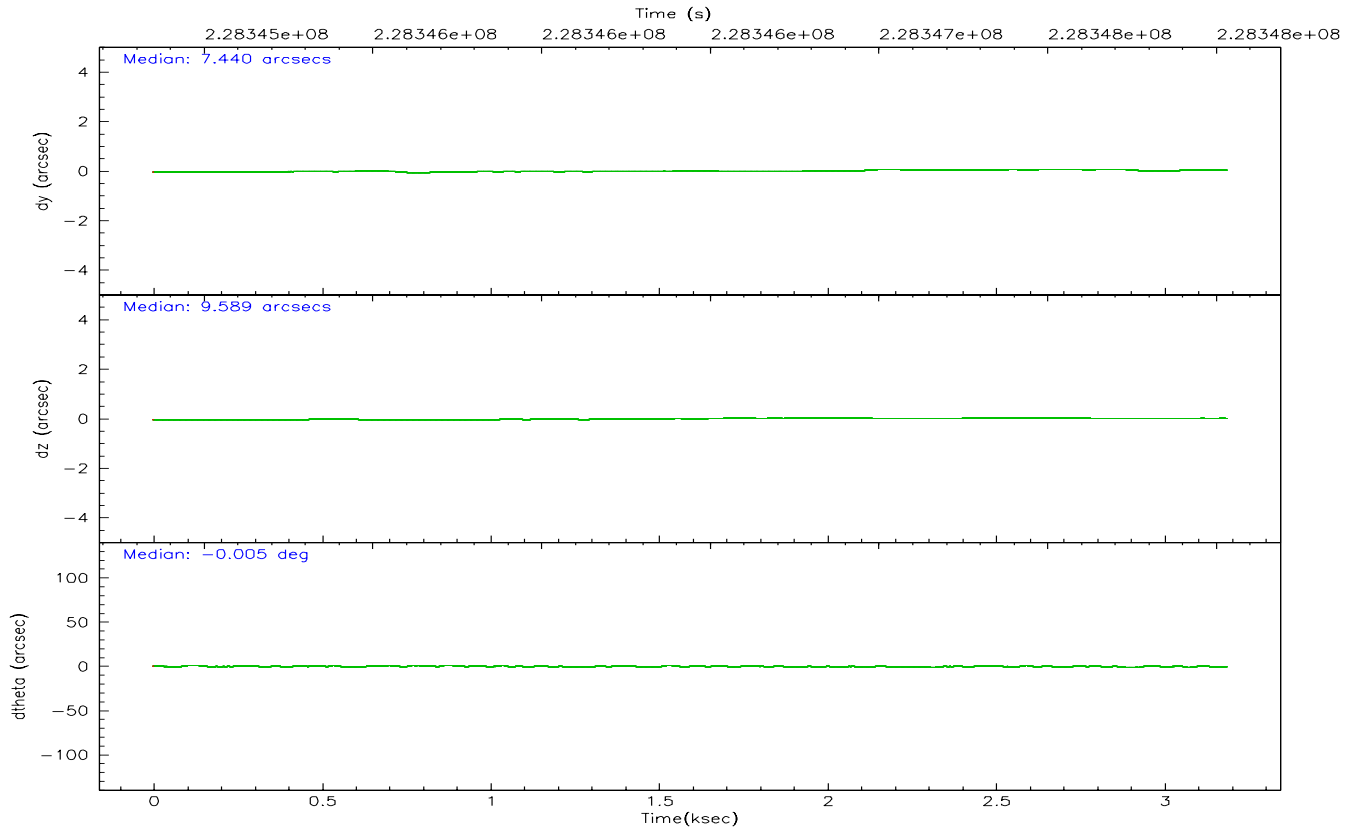
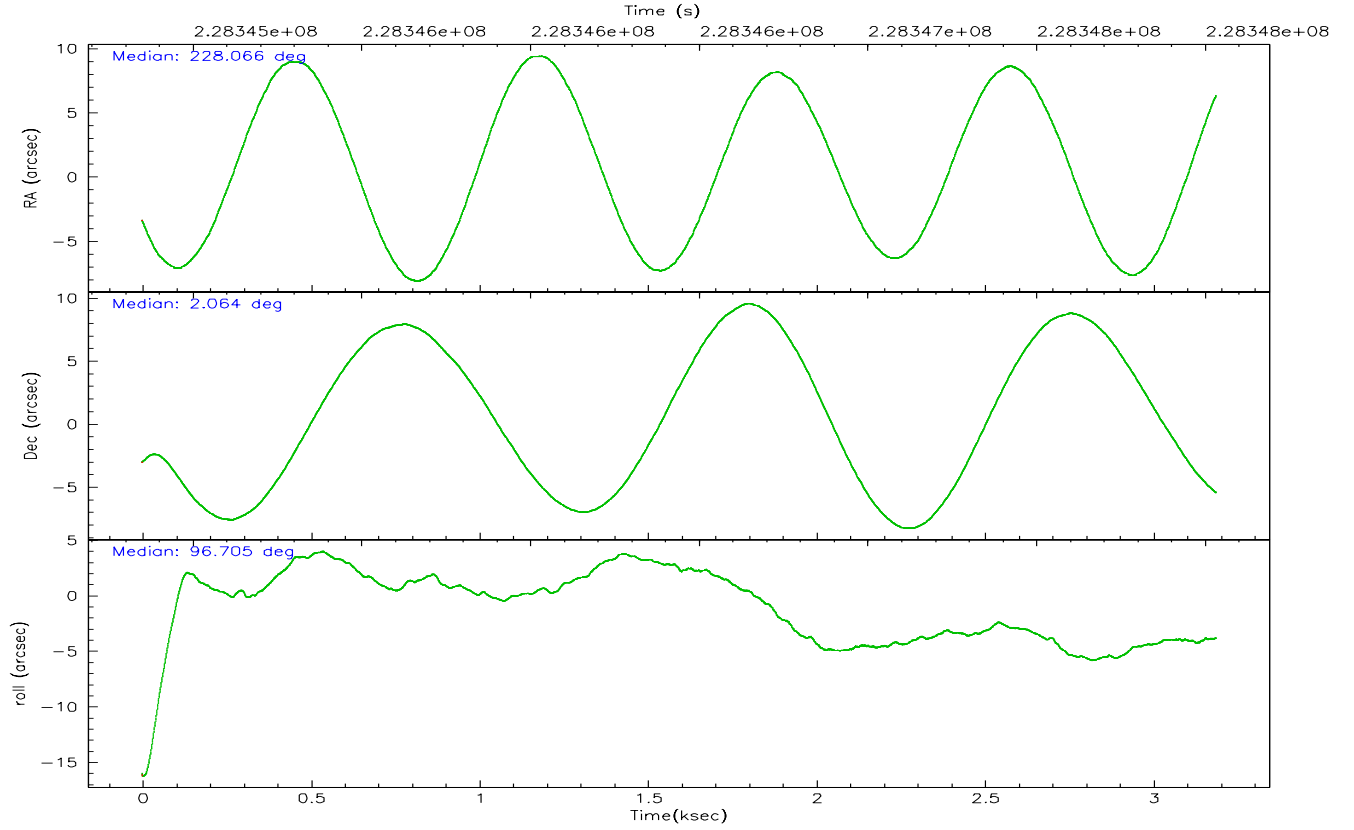
	<b>ccd 7</b>
grade 0 events	434
	7%
grade 1 events	7
	0%
grade 2 events	723
	12%
grade 3 events	344
	5%
grade 4 events	329
	5%
grade 5 events	400
	6%
grade 6 events	1261
	21%
grade 7 events	2391
	40%

## 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	228.082983	228.0662366192643	Subarray start row	0	449
Pointing Dec	2.042763	2.064277900175667	Subarray row count	1024	128
Pointing Roll	96.549850	96.70704156170738	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	228345032.184000	228344175.81009			
Observation start date	2005-03-27T21:09:28	2005-03-27T20:56:15			
Observation end time	228348032.184000	228348593.56029			
Observation end date	2005-03-27T21:59:28	2005-03-27T22:09:53			
Read mode	TIMED	TIMED			

## 2.3 Aspect





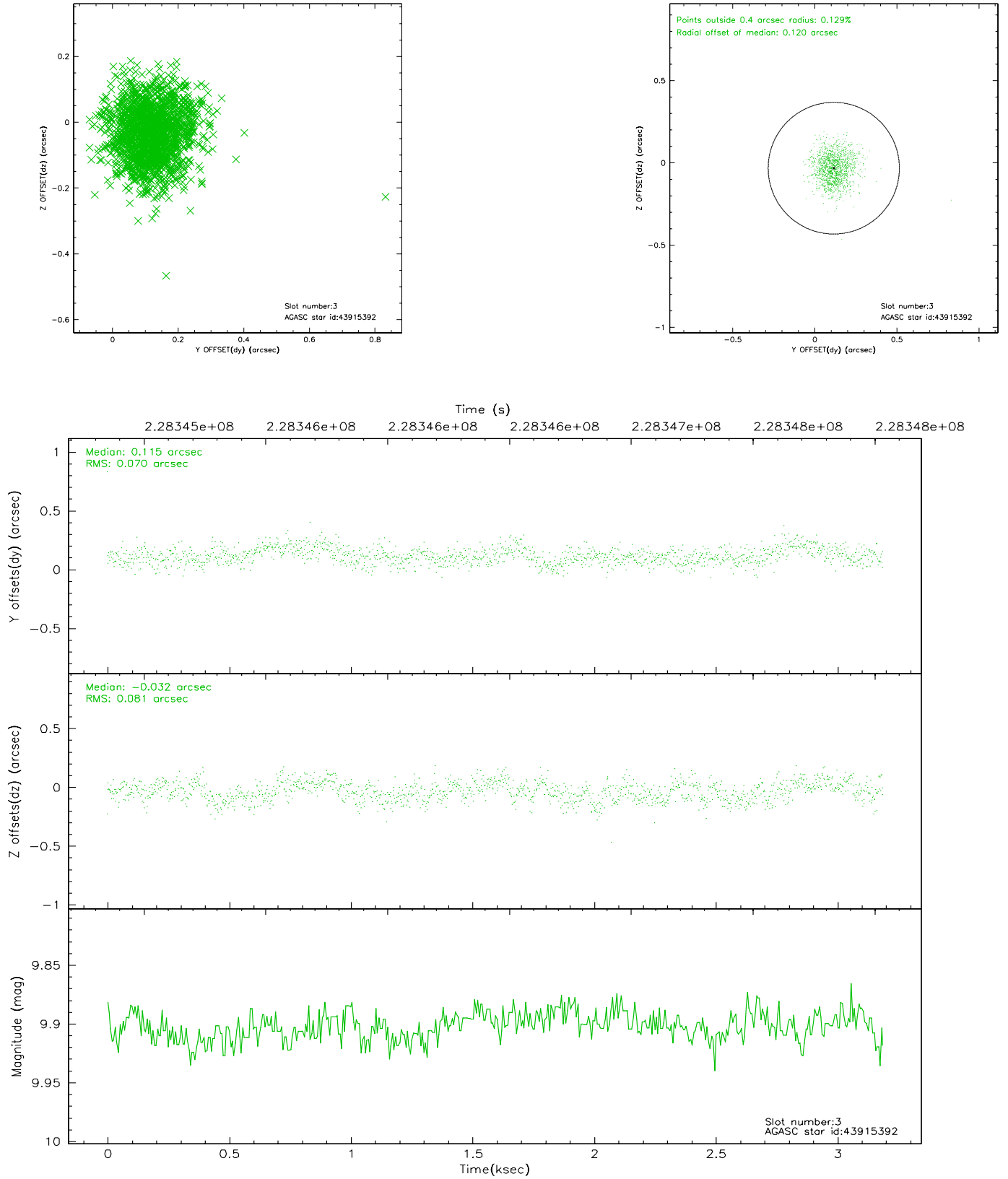
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	778	-0.033	-0.019	0.006	0.011	0.000000	0.000000	-760.20	-1730.81
1	FID	ACIS-S-4	7.20	778	0.070	0.021	0.005	0.009	0.000000	0.000000	2152.23	175.71
2	FID	ACIS-S-5	7.24	778	-0.067	0.006	0.006	0.010	0.000000	0.000000	-1810.55	171.56
3	GUIDE	43915392	9.90	1552	0.115	-0.032	0.113	0.180	228.358281	1.736508	-1207.69	-858.98
4	GUIDE	44434400	8.73	1546	-0.120	0.113	0.079	0.130	228.477665	2.695707	2173.44	-1678.61
5	GUIDE	44434736	8.90	1556	0.169	0.118	0.079	0.121	228.288855	1.879973	-664.43	-670.49
6	GUIDE	44435552	9.37	1554	-0.165	-0.164	0.088	0.145	227.842357	2.543650	1890.18	653.19
7	GUIDE	44436768	9.18	1554	-0.004	-0.025	0.084	0.135	228.398067	2.250457	615.48	-1211.11

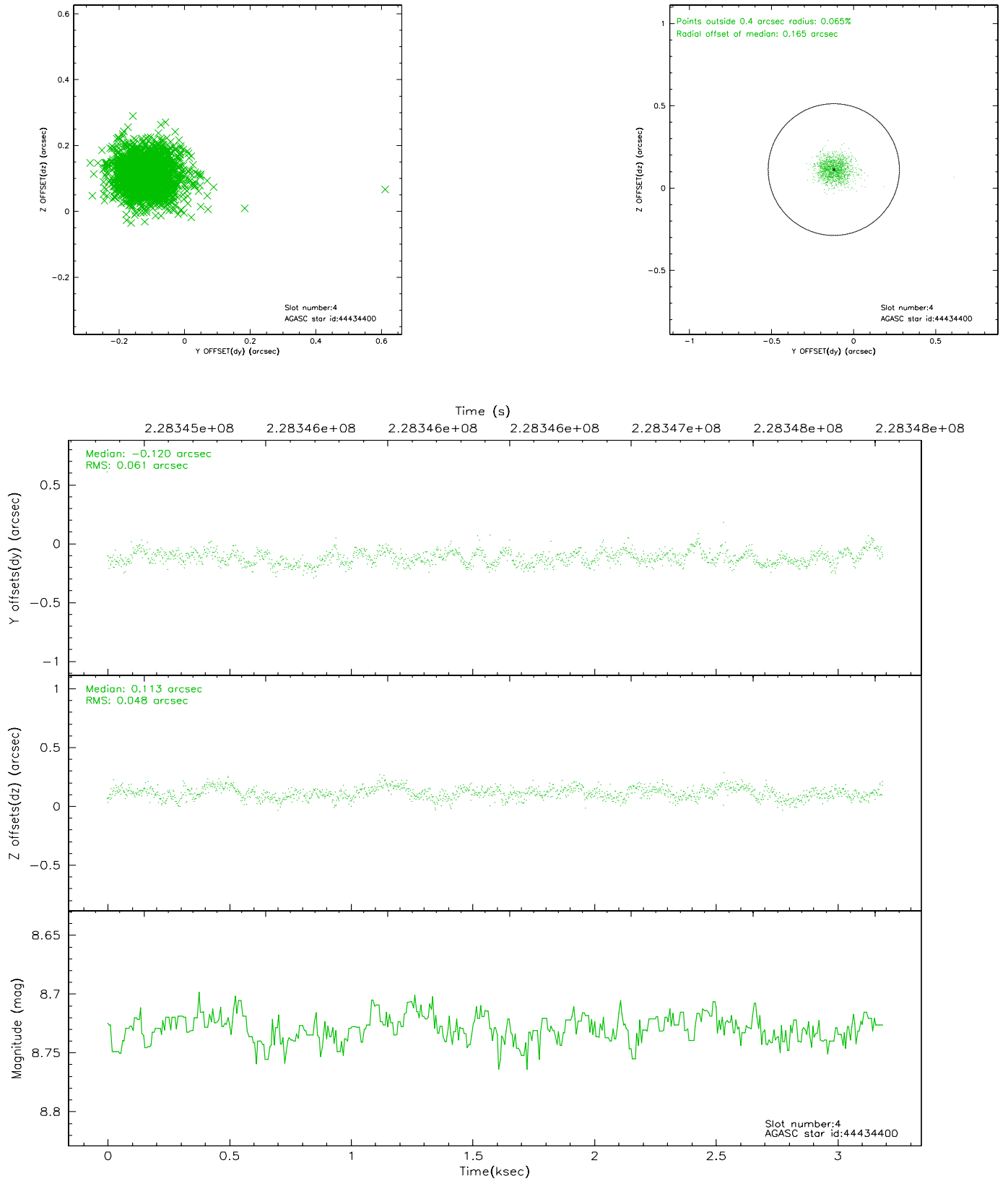


## 2.4 Star Slots

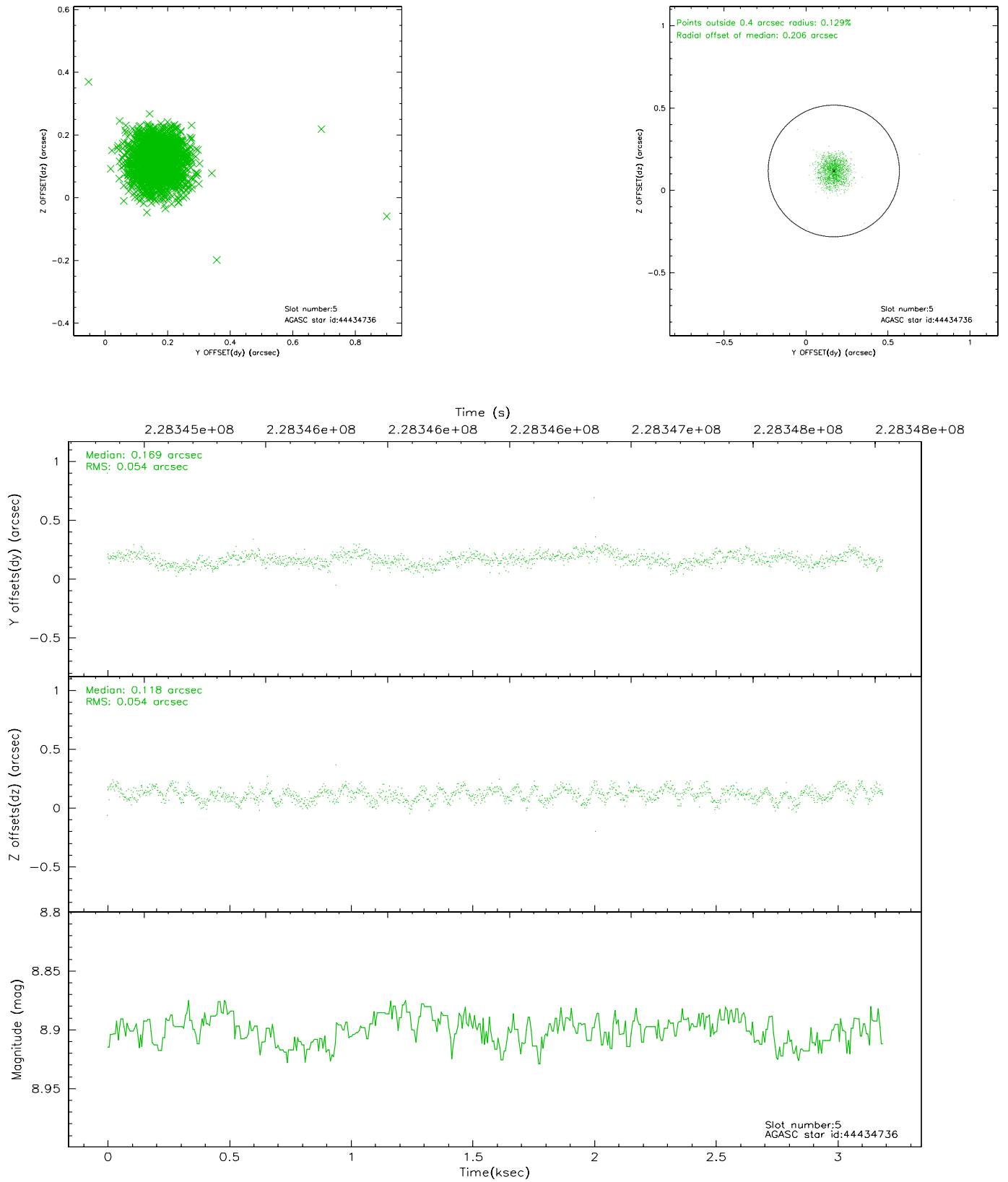
### 2.4.1 Slot 3



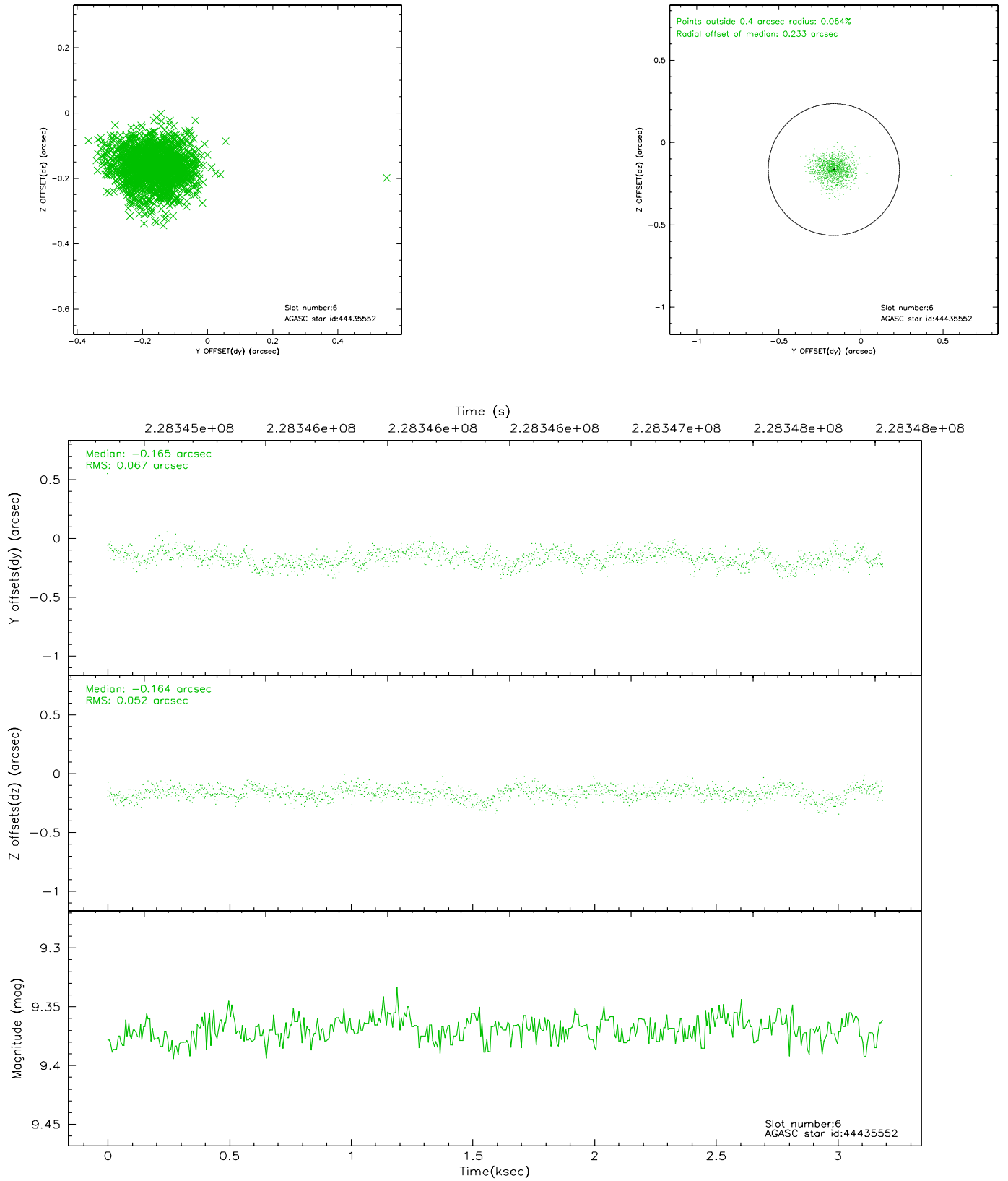
## 2.4.2 Slot 4



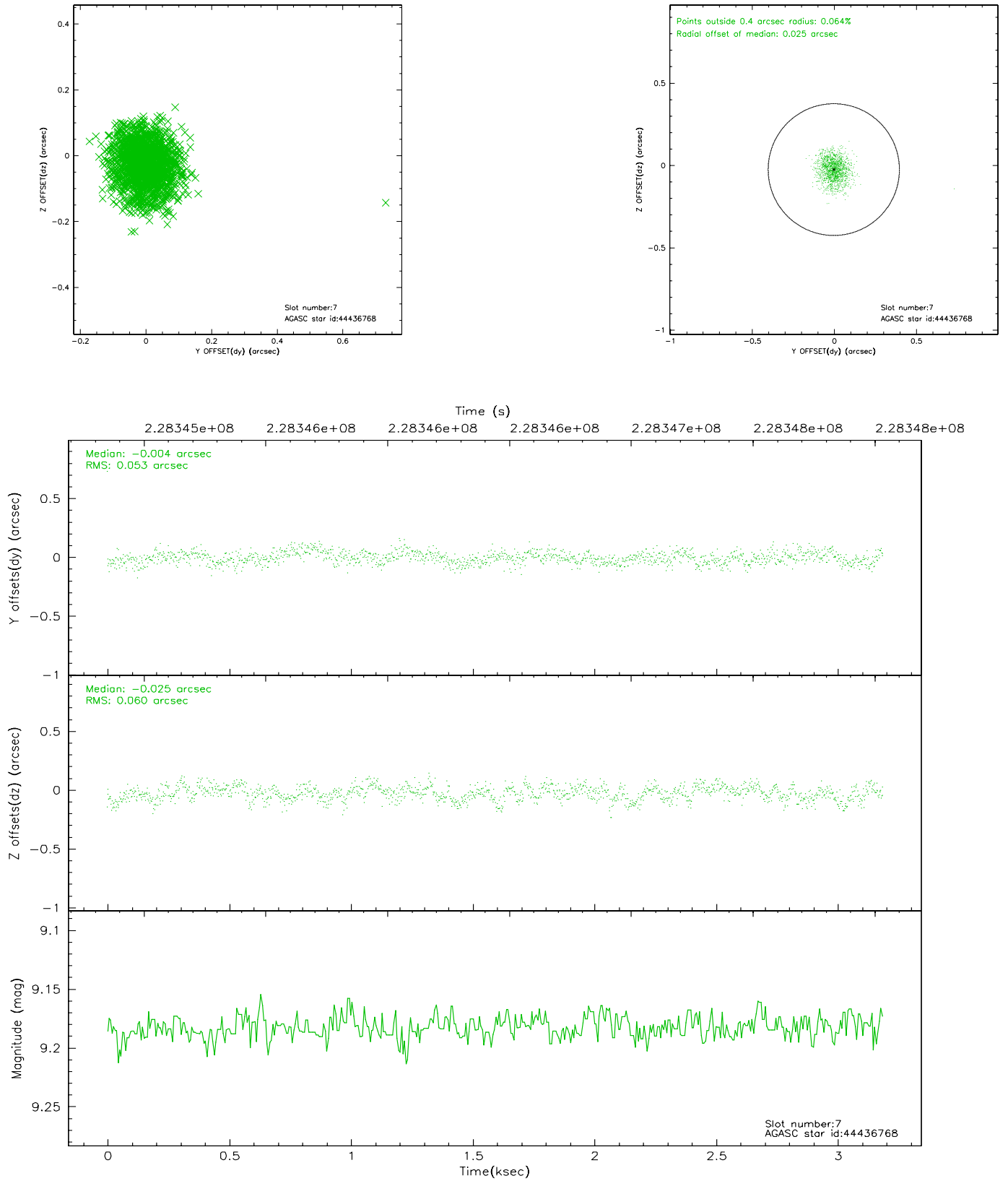
### 2.4.3 Slot 5



## 2.4.4 Slot 6

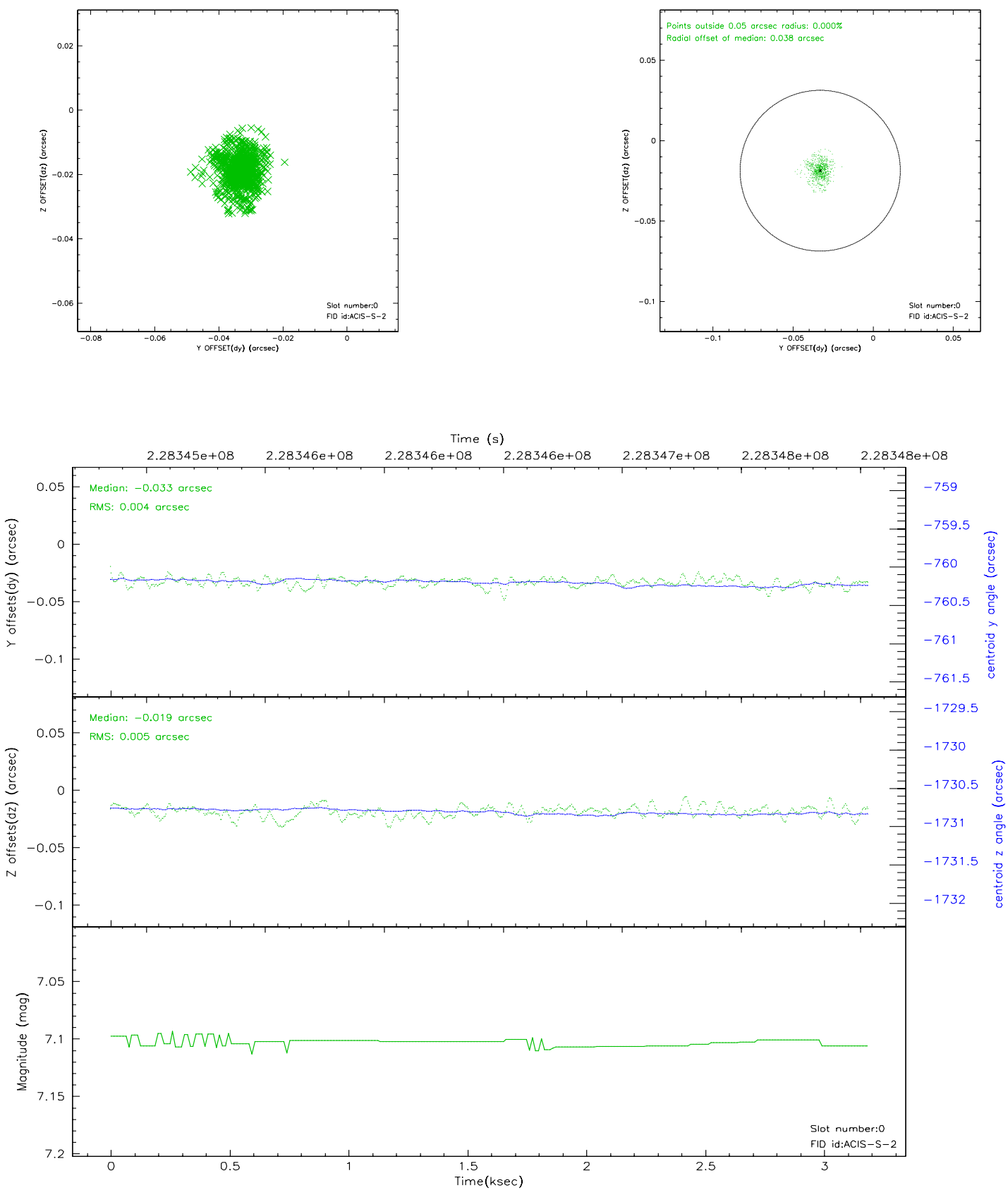


## 2.4.5 Slot 7

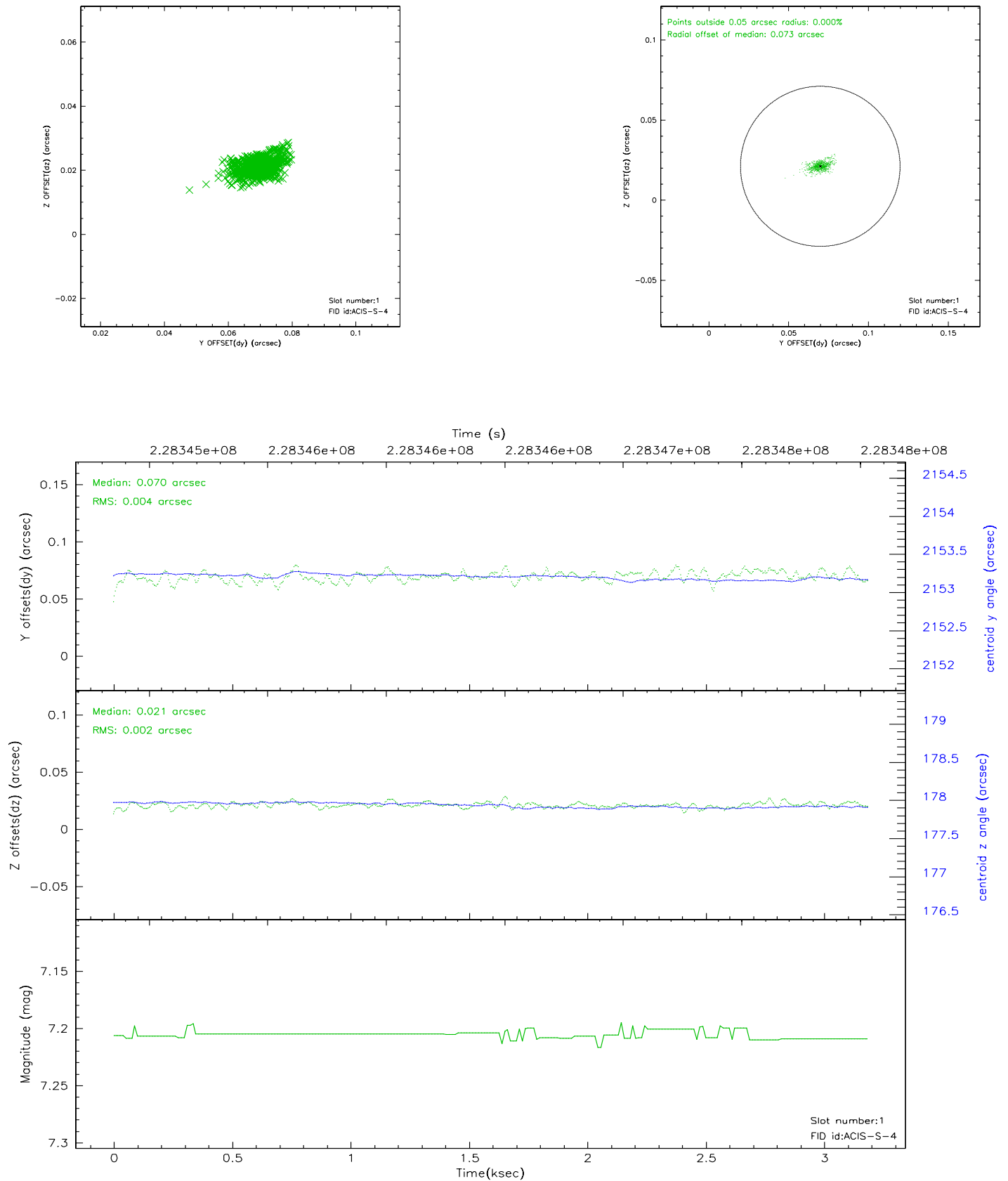


## 2.5 FID Slots

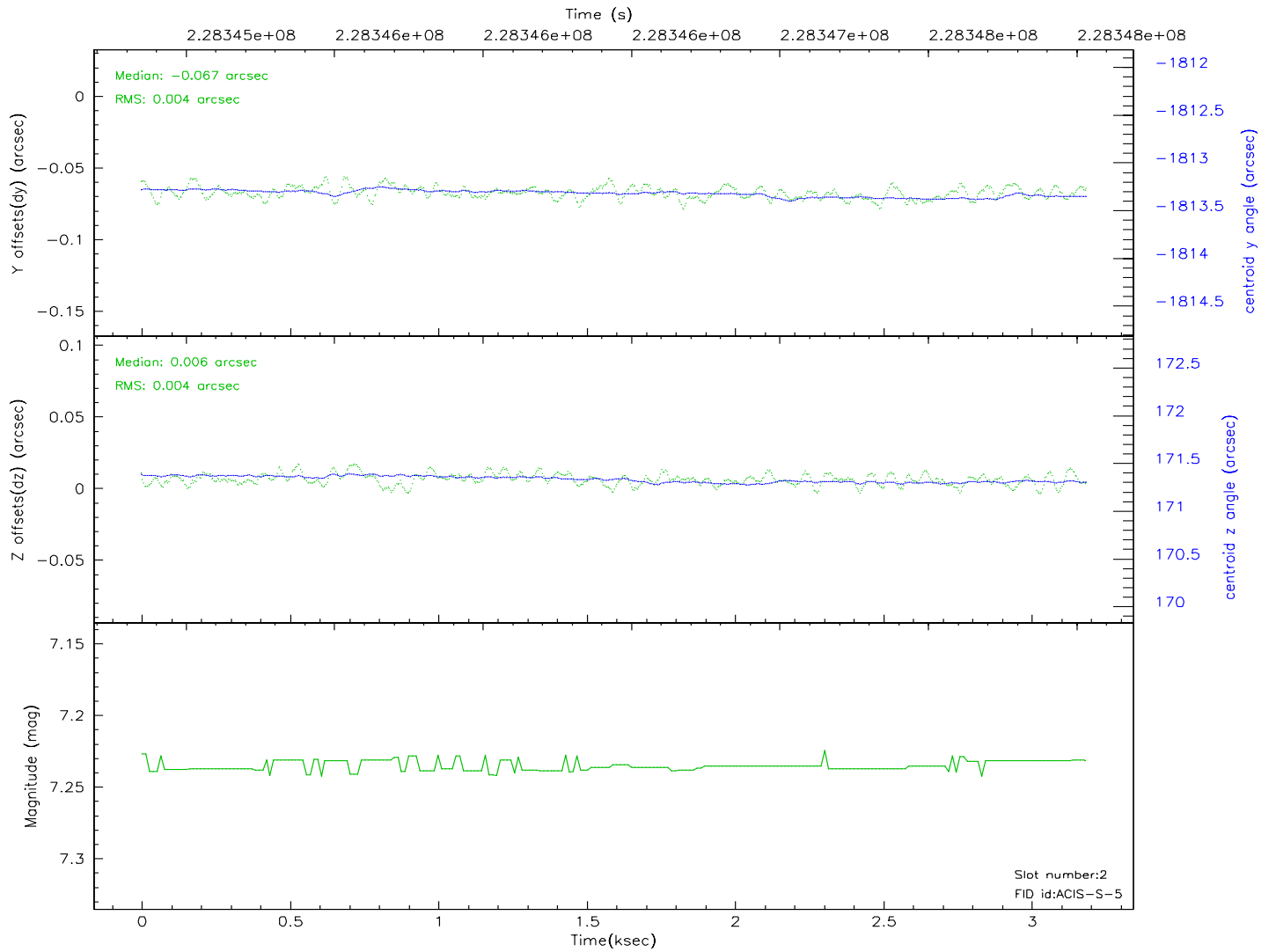
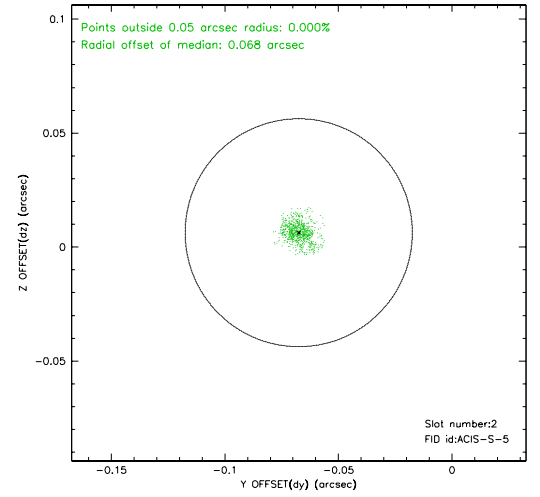
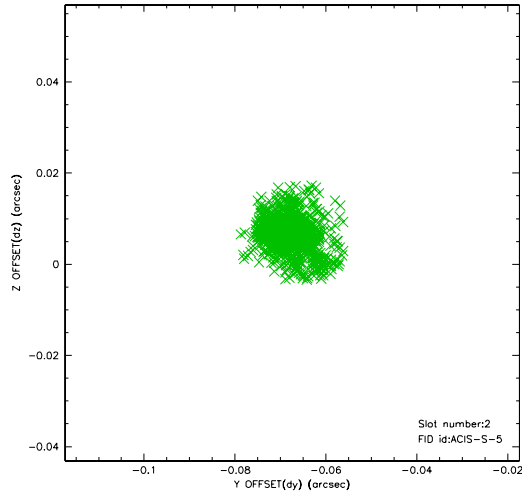
### 2.5.1 Slot 0



## 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)	2006.03.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1868

### A.2 Comments