

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 5034 - L2 Version 001  
Chandra X-Ray Center

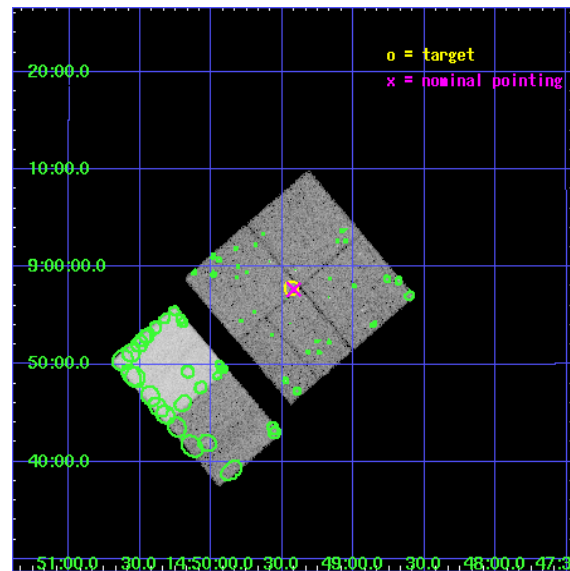
L2 Processing Date : May 1 2006

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# 1 Front

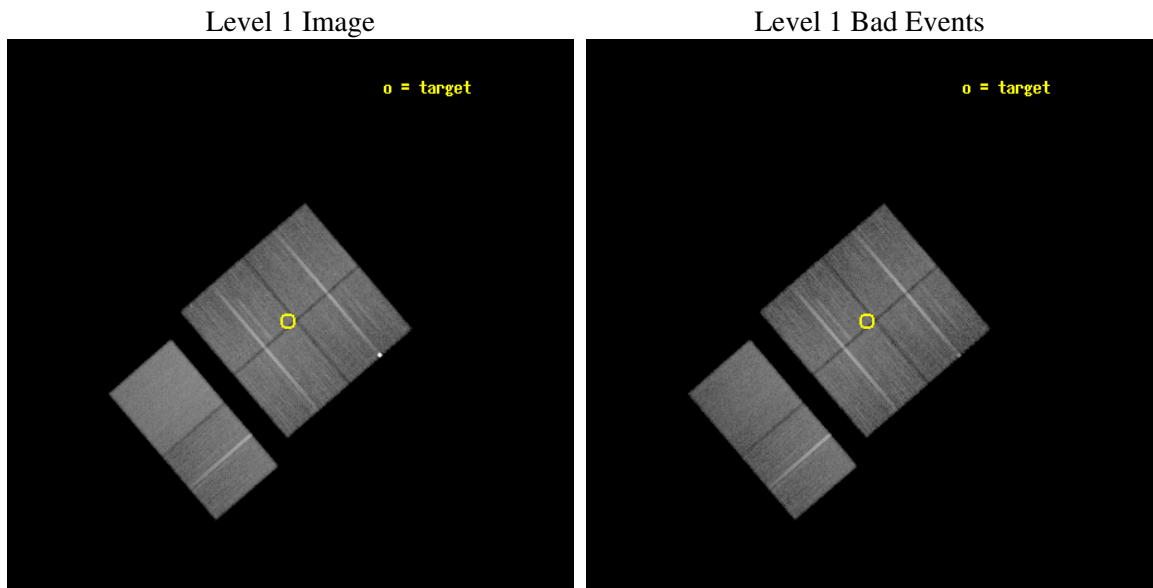
seq_num	900341
obs_id	5034
title	A Chandra survey of Extremely Red Objects
observer	Dr. Marcella Brusa
object	Daddi field - 3
dtcycle	0
cycle	P
ra_targ	222.35875
dec_targ	8.9635
ra_nom	222.35456361389
dec_nom	8.9614463723234
roll_nom	229.30407854606
revision	2
ontime	30121.599887788
livetime	29740.182052959
ontime0	30121.599887788
ontime1	30121.599887788
ontime2	30121.599887788
ontime3	30121.599887788
ontime6	30121.599887788
ontime7	30121.599887788
l2events	222817



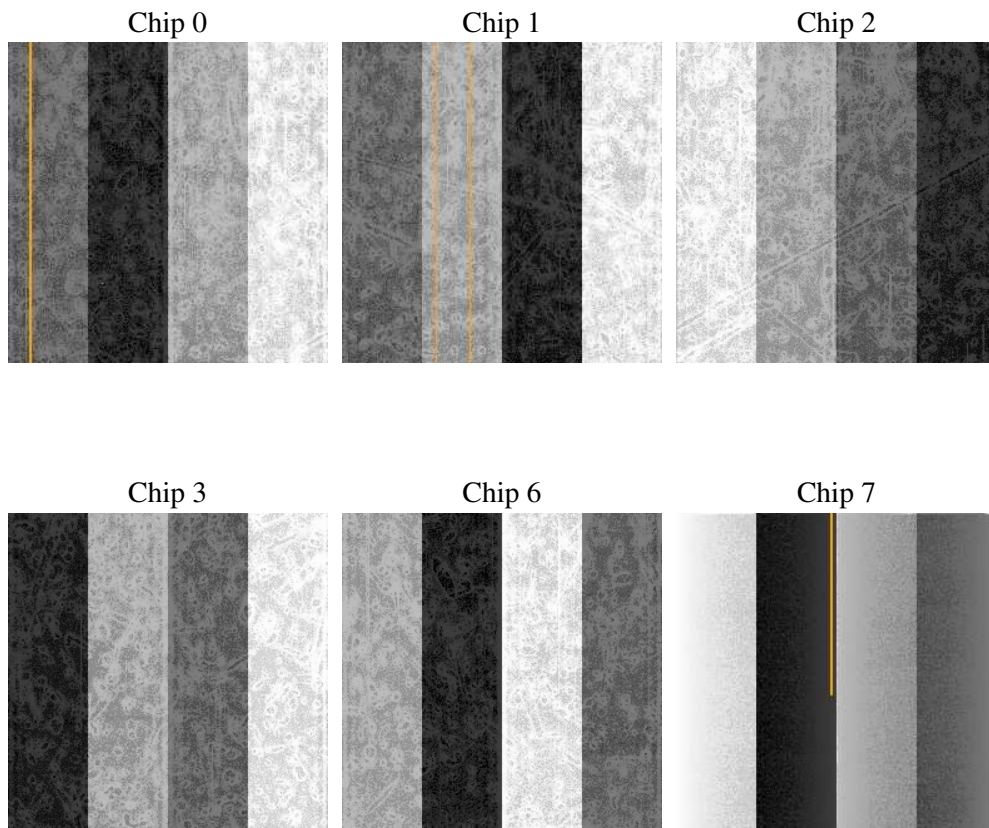
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-05-01T15:49:15
revision	2

sched_exp_time	30000.000000
ontime	31528.516845495
ontime0	31528.516845495
ontime1	31528.516845495
ontime2	31528.516865432
ontime3	31528.516845495
ontime6	31528.516865432
ontime7	31528.516865432
l1events	1437234

### 2.1.4 Events

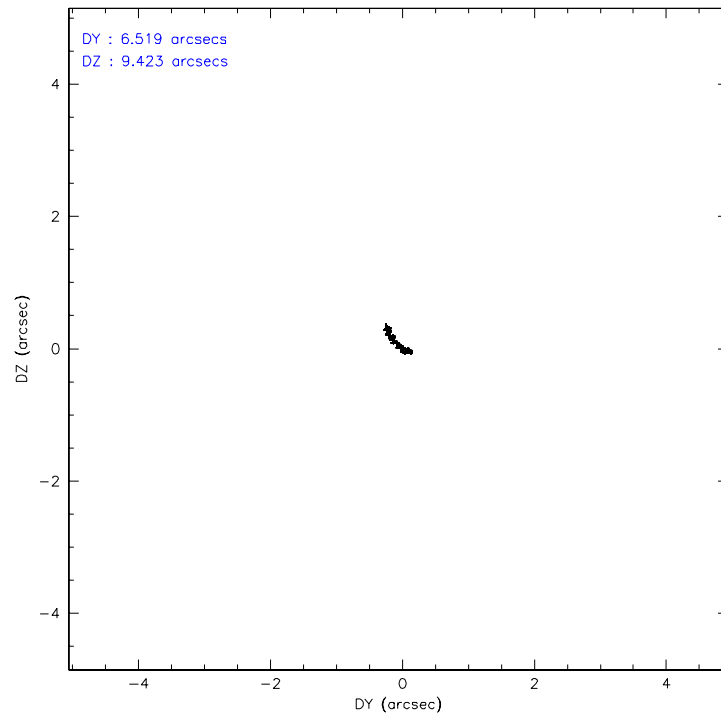
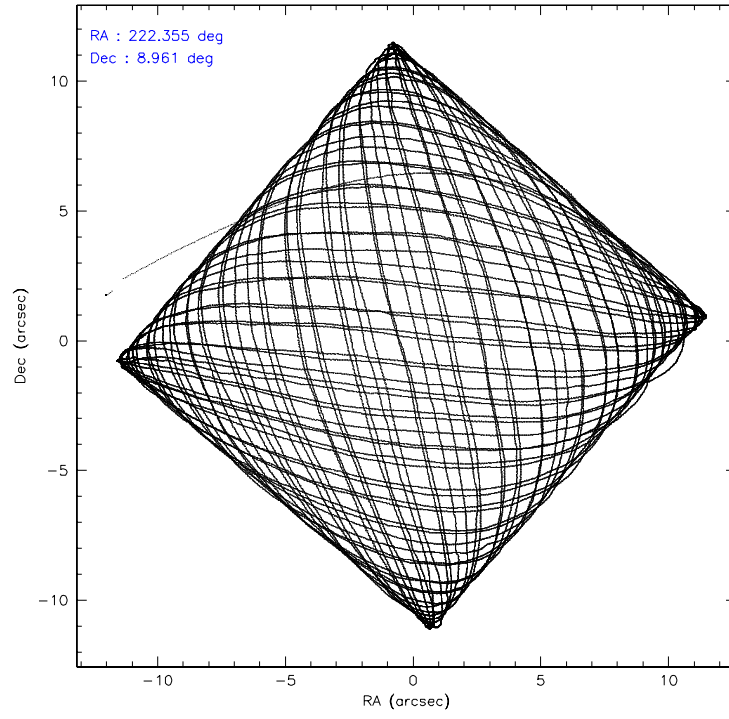
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	220095	213713	232339	226016	236179	308892
rejected events	179277	185999	206562	199975	210157	197460
rejected %	81%	87%	88%	88%	88%	63%

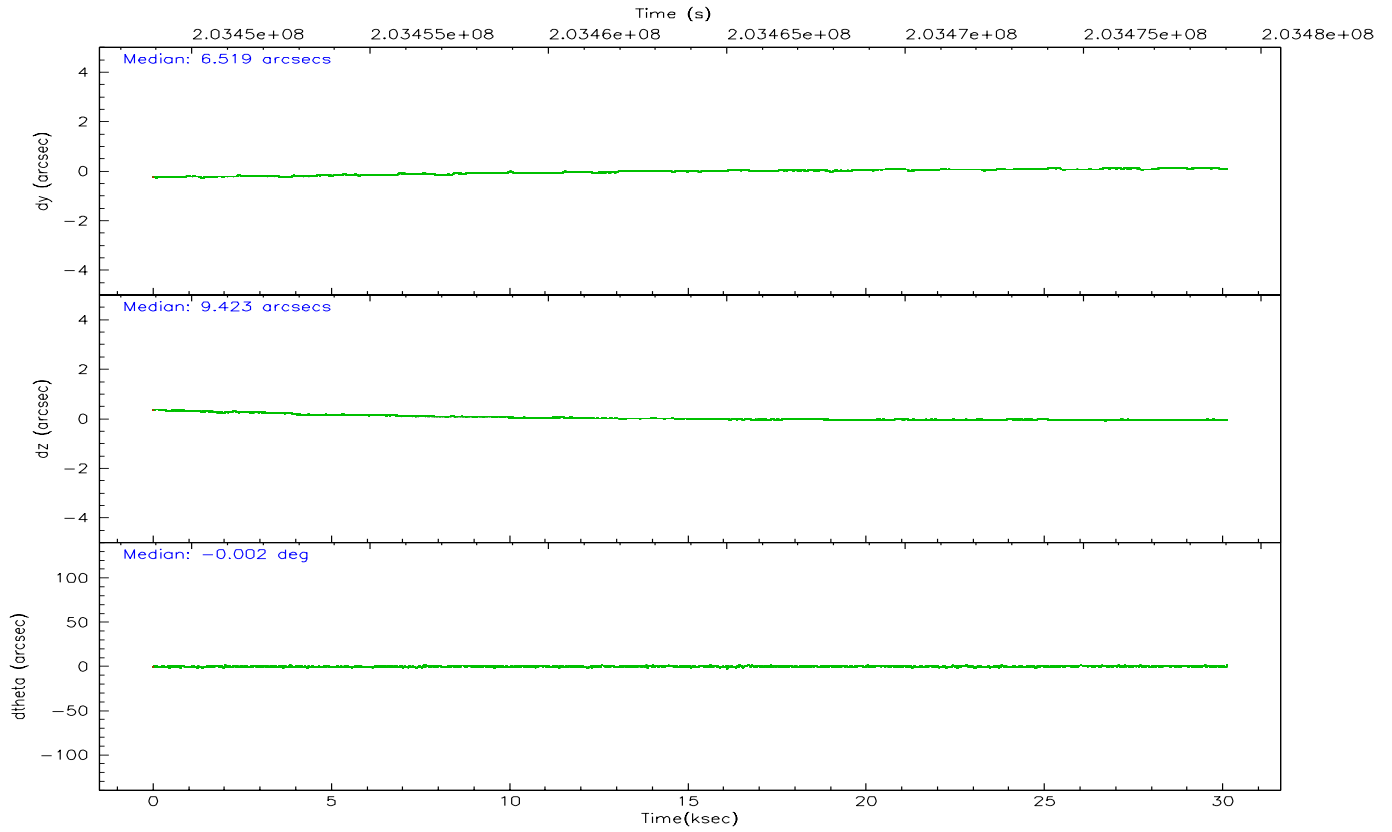
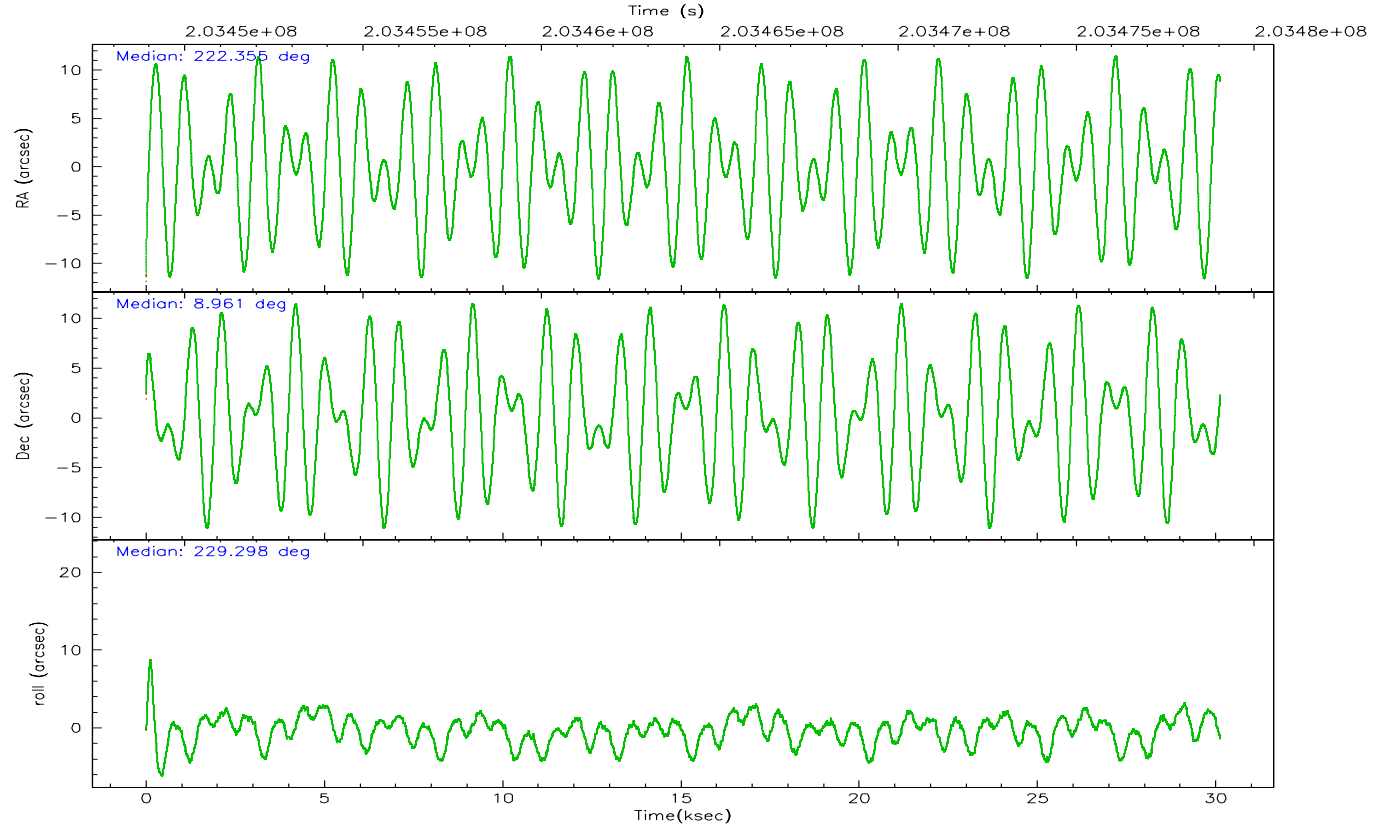
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	21388	11553	12119	12106	10996	6707
	9%	5%	5%	5%	4%	2%
grade 1 events	166	103	132	153	112	209
	0%	0%	0%	0%	0%	0%
grade 2 events	11373	6293	5392	5191	5548	29068
	5%	2%	2%	2%	2%	9%
grade 3 events	2788	2680	2597	2647	2574	5740
	1%	1%	1%	1%	1%	1%
grade 4 events	2448	2941	2519	2611	2605	5573
	1%	1%	1%	1%	1%	1%
grade 5 events	9104	9660	8745	10174	10729	20222
	4%	4%	3%	4%	4%	6%
grade 6 events	4774	5565	4372	4699	5537	69599
	2%	2%	1%	2%	2%	22%
grade 7 events	168054	174918	196463	188435	198078	171774
	76%	81%	84%	83%	83%	55%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	NONE	NONE
Pointing RA	222.359579	222.3545636138873	Alternating exposures requested	N	N
Pointing Dec	8.988372	8.961446372323447	Primary exposure time	0.000000	3.2
Pointing Roll	229.094609	229.3040785460607			
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	203449038.184000	203447296.25648			
Observation start date	2004-06-12T17:36:14	2004-06-12T17:08:16			
Observation end time	203479038.184000	203479548.3954			
Observation end date	2004-06-13T01:56:14	2004-06-13T02:05:48			
Read mode	TIMED	TIMED			

## 2.3 Aspect





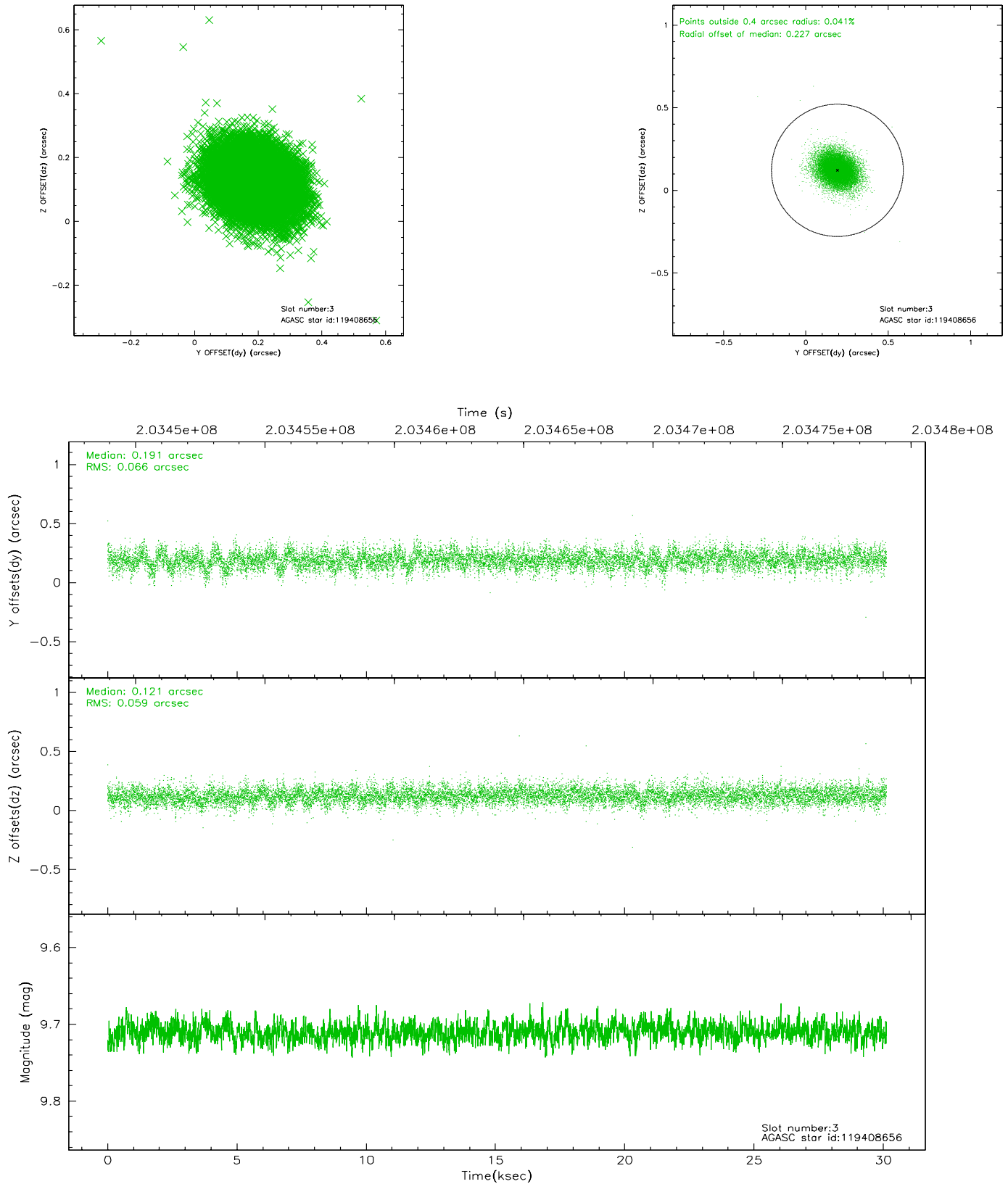
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	7347	-0.039	-0.034	0.009	0.015	0.000000	0.000000	-761.01	-839.33
1	FID	ACIS-I-4	7.19	7349	0.067	0.039	0.011	0.019	0.000000	0.000000	2153.13	1066.88
2	FID	ACIS-I-5	7.23	7349	-0.129	0.064	0.011	0.018	0.000000	0.000000	-1814.83	1064.84
3	GUIDE	119408656	9.71	14682	0.191	0.121	0.092	0.153	222.086631	8.778551	1207.05	-239.26
4	GUIDE	119411840	9.44	14690	-0.113	-0.074	0.098	0.158	222.041386	9.490009	-624.94	-2037.00
5	GUIDE	120325072	9.27	14679	-0.125	0.026	0.077	0.124	222.613060	9.408510	-1732.68	-310.43
6	GUIDE	120327320	9.66	14690	0.121	-0.002	0.101	0.166	222.306742	8.399268	1726.30	1246.80
7	GUIDE	120333112	7.49	14696	-0.076	-0.069	0.045	0.075	222.982560	8.825335	-1008.44	2057.78

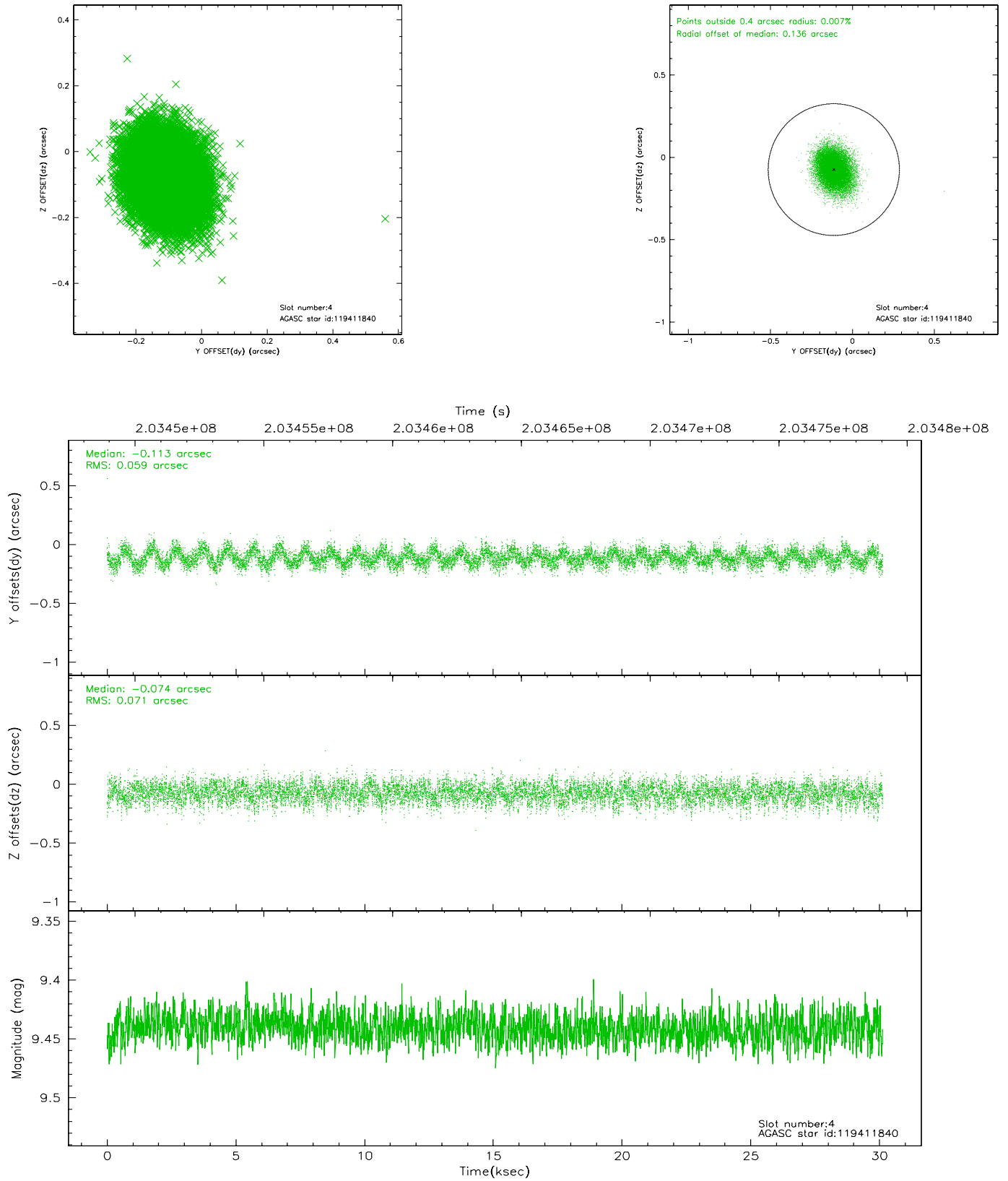


## 2.4 Star Slots

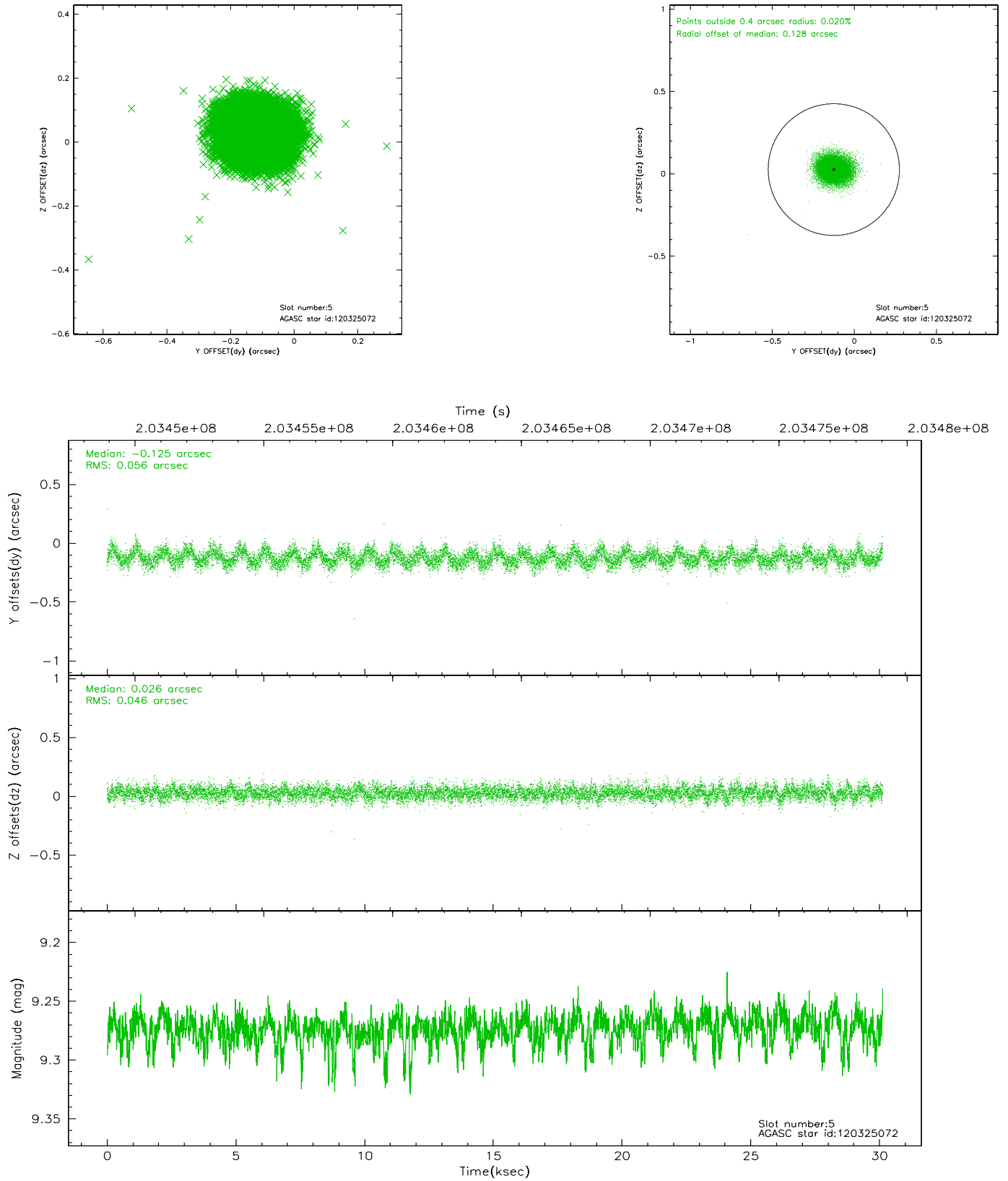
### 2.4.1 Slot 3



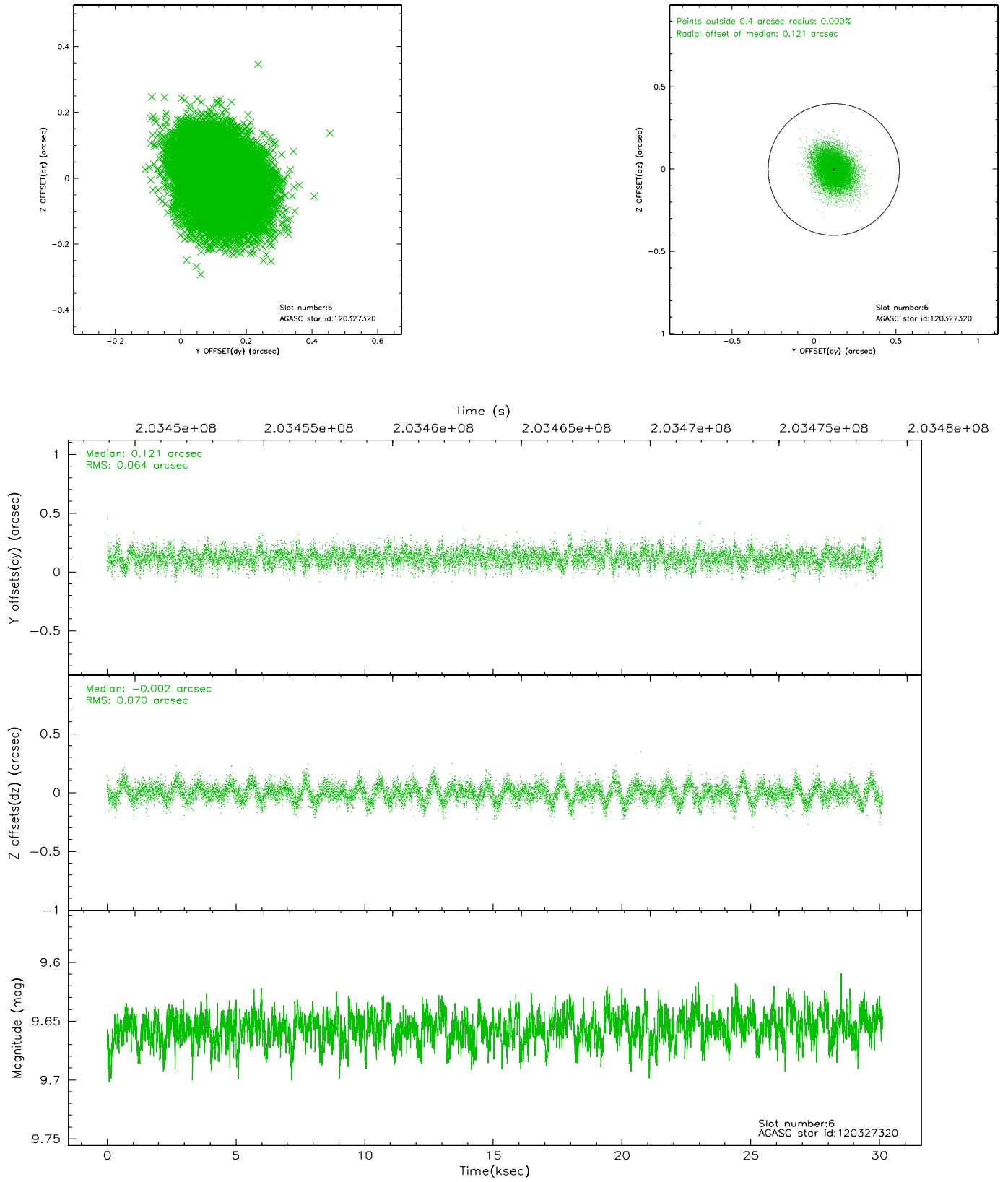
## 2.4.2 Slot 4



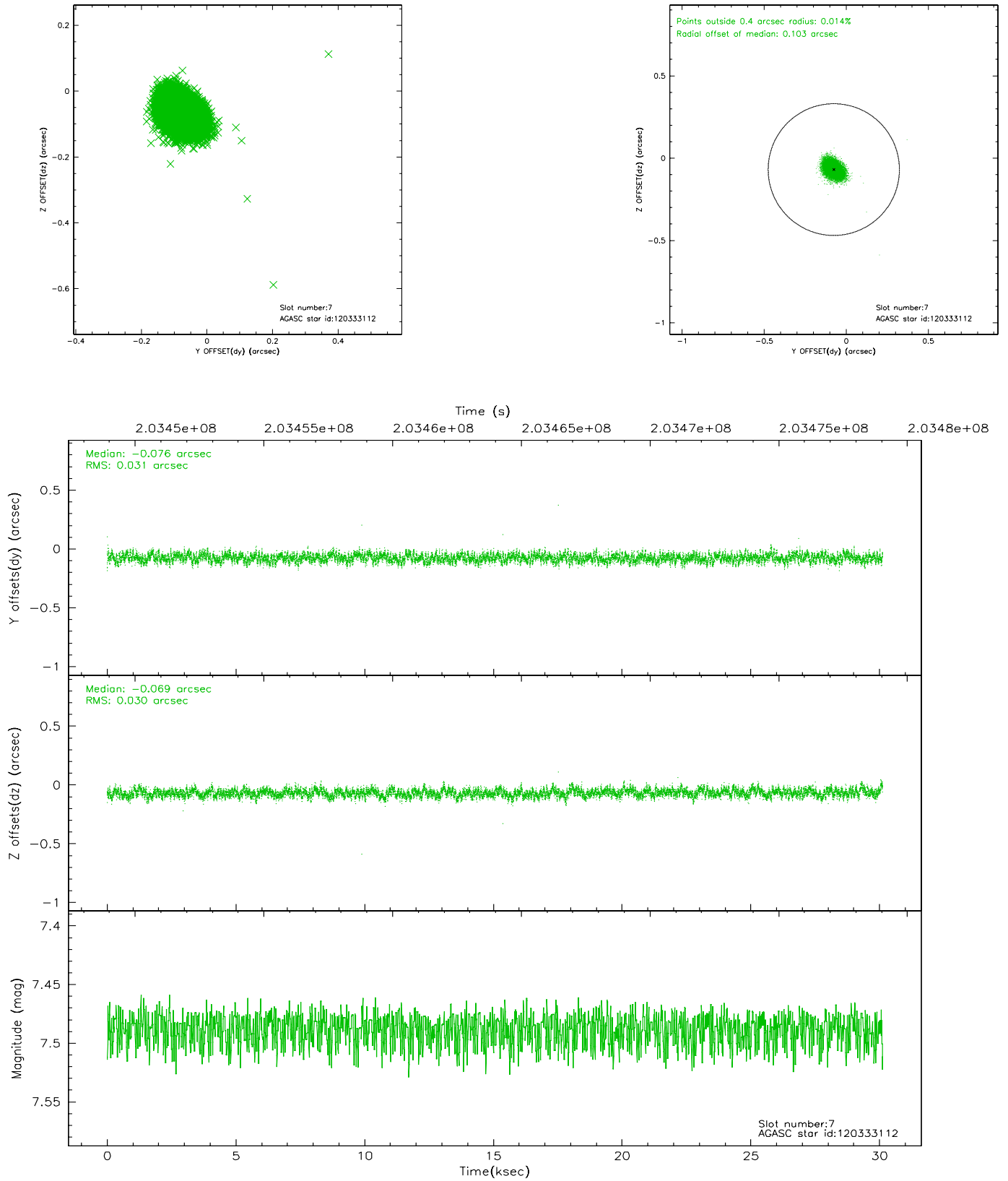
### 2.4.3 Slot 5



## 2.4.4 Slot 6

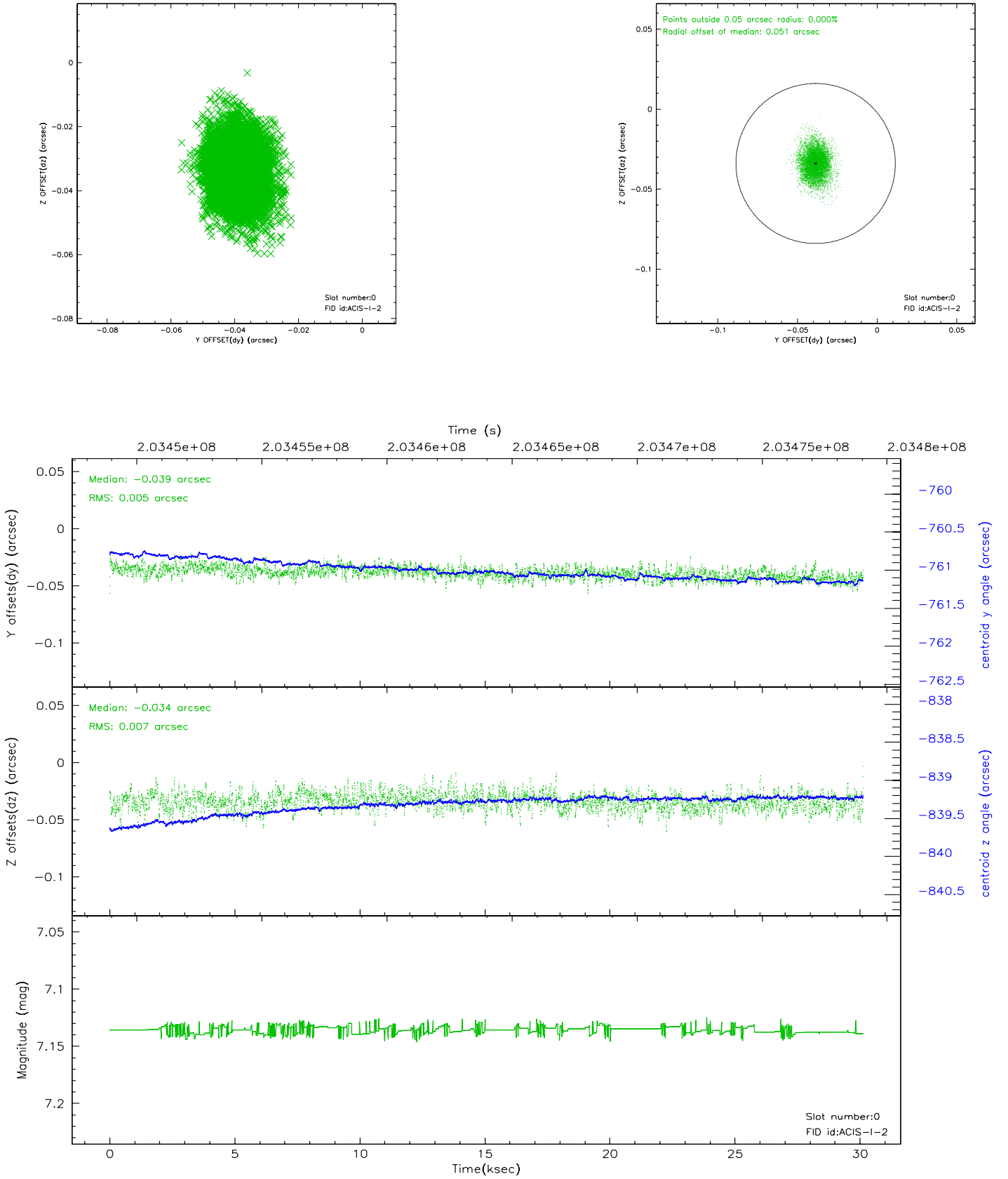


## 2.4.5 Slot 7

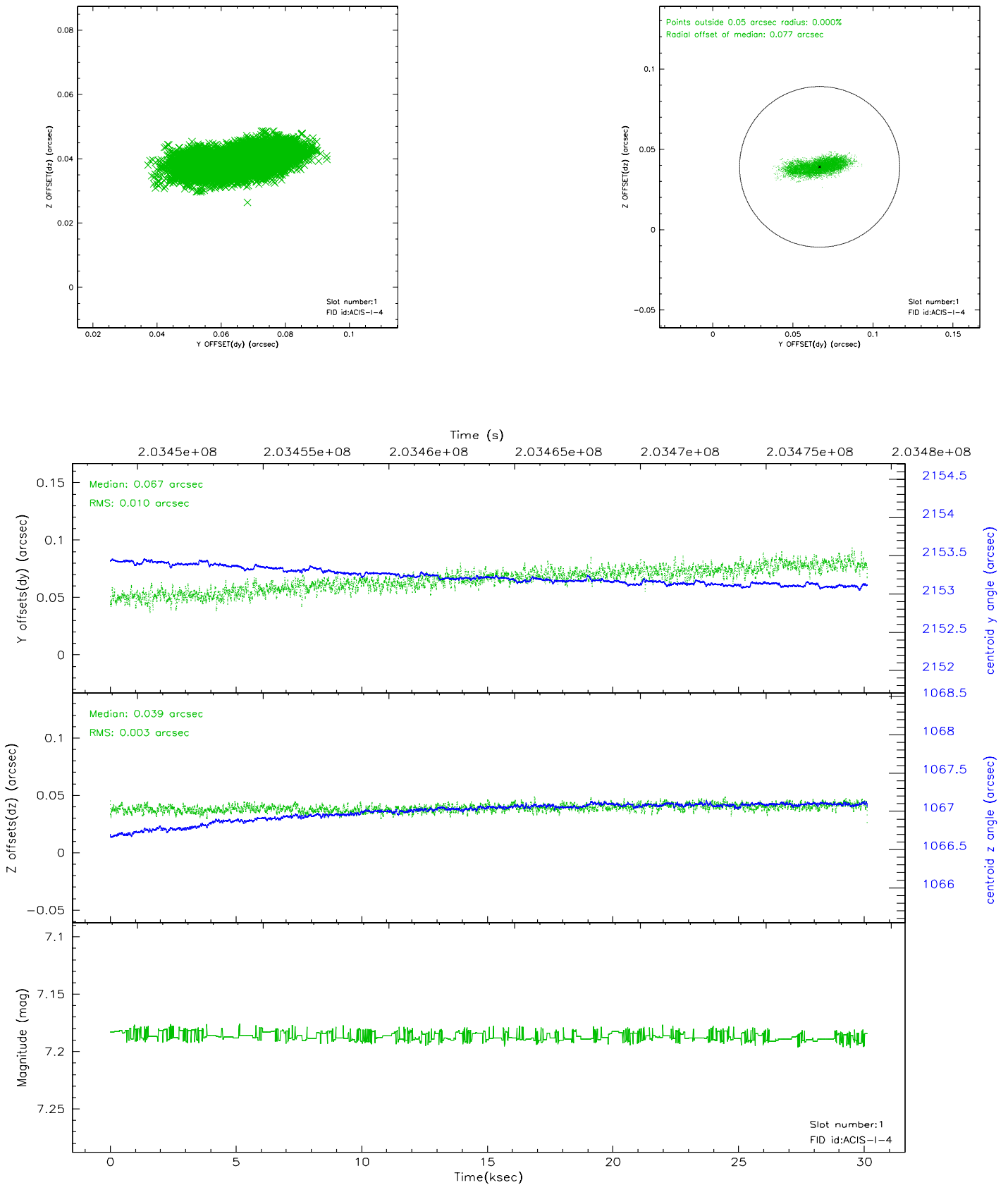


## 2.5 FID Slots

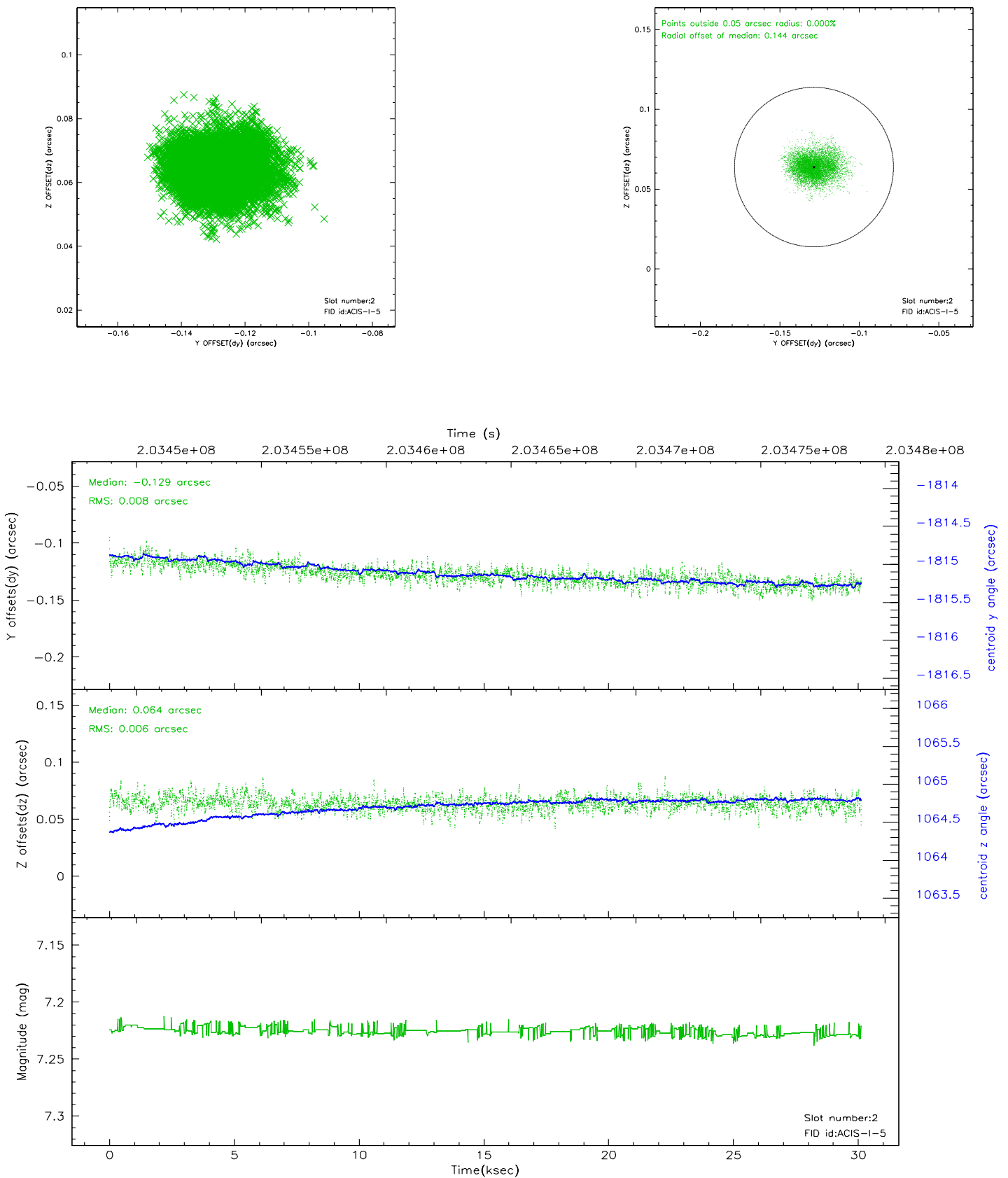
### 2.5.1 Slot 0



## 2.5.2 Slot 1

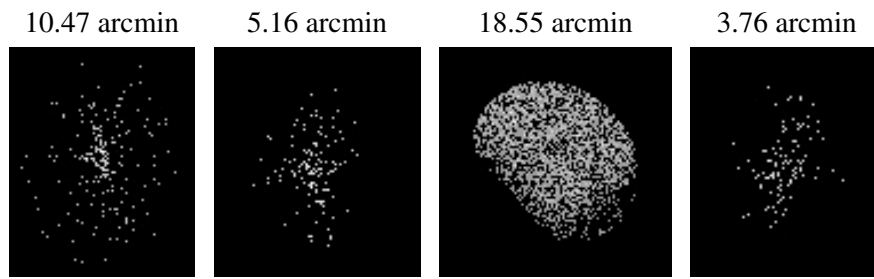


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.121

### A.2 Comments