

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6272 - L2 Version 002  
Chandra X-Ray Center

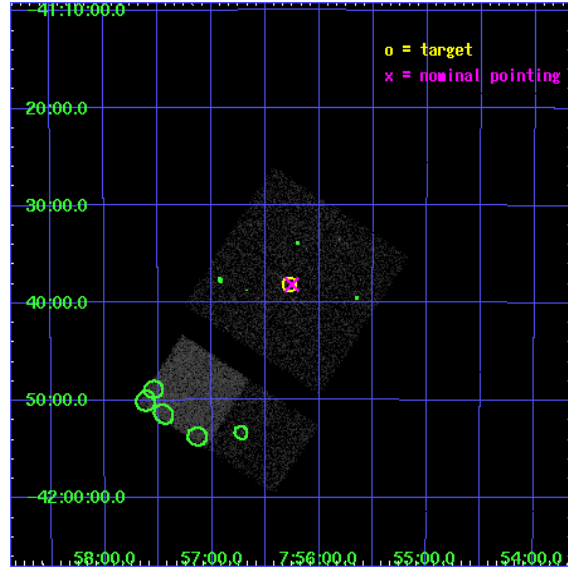
L2 Processing Date : Mar 10 2006

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# 1 Front

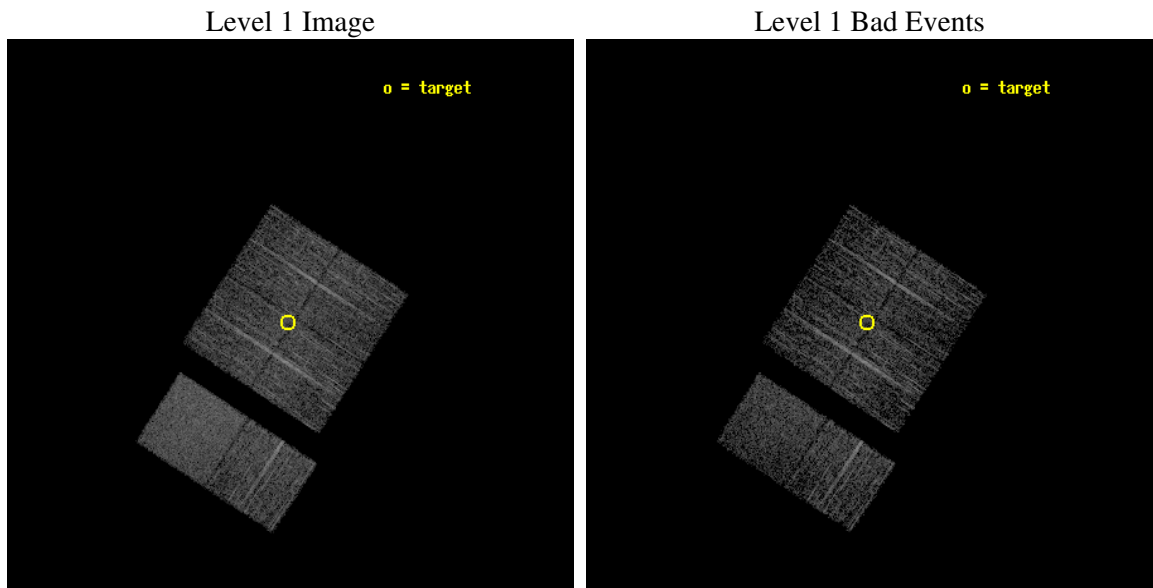
seq_num	701174
obs_id	6272
title	Search for strongly obscured AGNs: support for INTEGRAL all-sky hard X-ray survey
observer	Prof. Rashid Sunyaev
object	IGR J07563-4137
dtcycle	0
cycle	P
ra_targ	119.07
dec_targ	-41.635
ra_nom	119.06376806252
dec_nom	-41.635862795056
roll_nom	213.23712918593
revision	2
ontime	3257.5999878645
livetime	3216.3502953269
ontime0	3257.5999878645
ontime1	3257.5999878645
ontime2	3257.5999878645
ontime3	3257.5999878645
ontime6	3257.5999878645
ontime7	3257.5999878645
l2events	26204



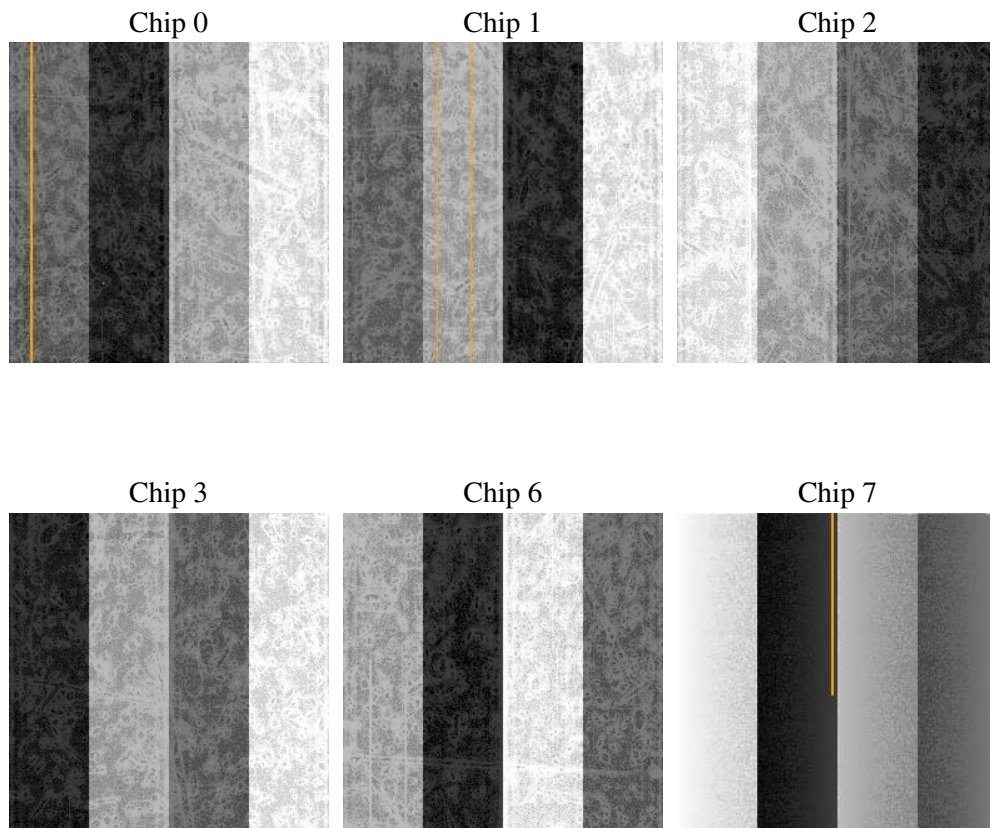
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-10T12:57:39
revision	2

sched_exp_time	3500.000000
ontime	3260.4509486556
ontime0	3260.4509486556
ontime1	3260.4509486556
ontime2	3260.4509486556
ontime3	3260.4509486556
ontime6	3260.4509486556
ontime7	3260.4509486556
l1events	153480

### 2.1.4 Events

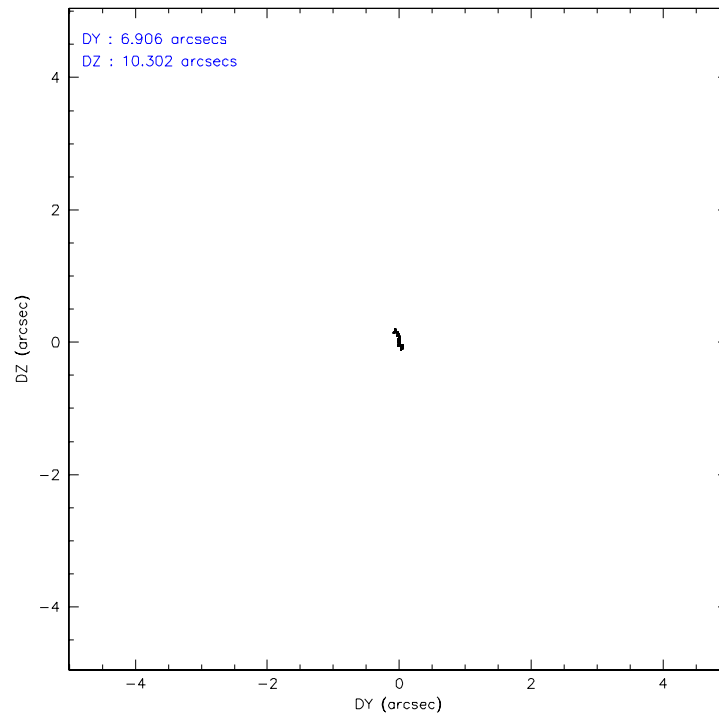
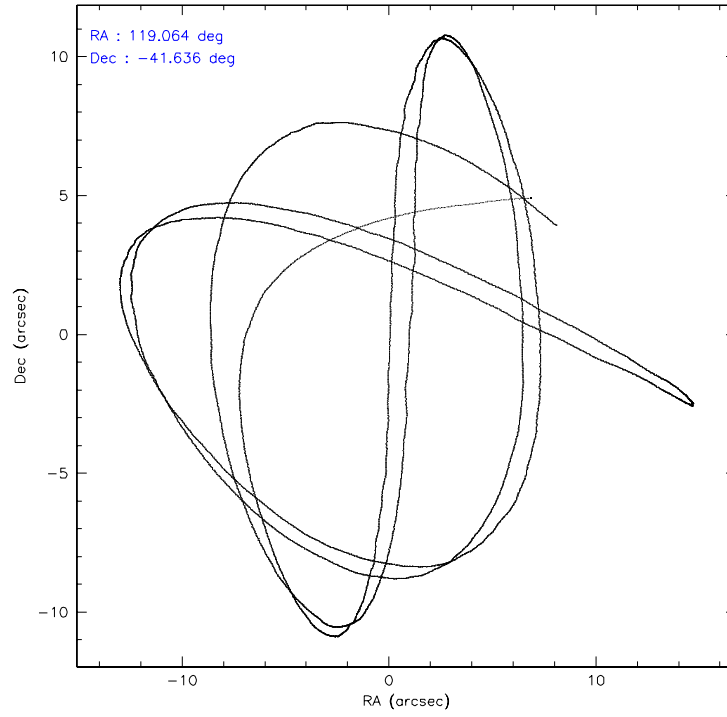
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	22312	23083	25707	24451	25290	32637
rejected events	19270	19783	22770	20666	22387	20061
rejected %	86%	85%	88%	84%	88%	61%

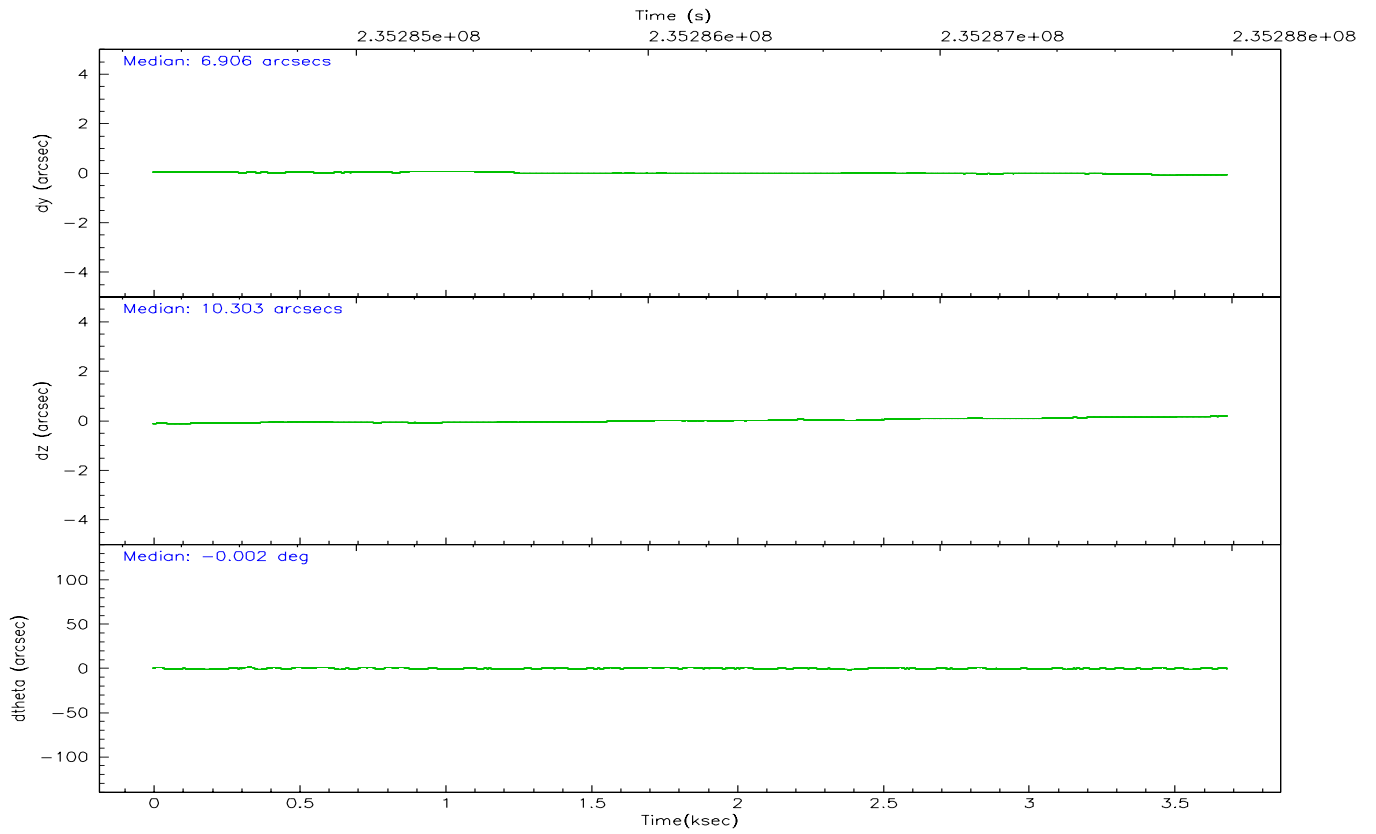
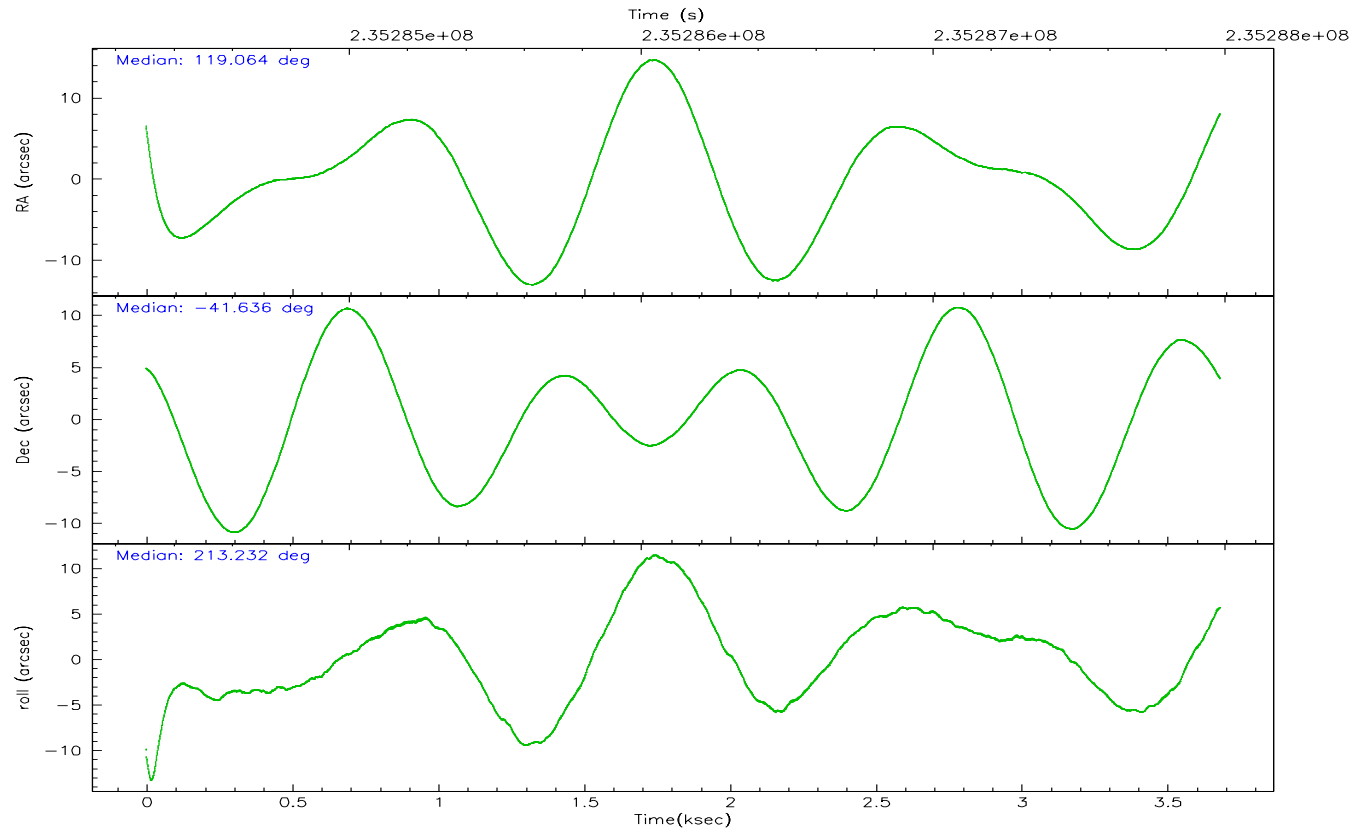
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1344	1391	1302	1771	1157	704
	6%	6%	5%	7%	4%	2%
grade 1 events	15	9	11	106	7	23
	0%	0%	0%	0%	0%	0%
grade 2 events	646	662	619	702	611	3164
	2%	2%	2%	2%	2%	9%
grade 3 events	269	337	266	374	271	624
	1%	1%	1%	1%	1%	1%
grade 4 events	231	300	274	325	273	603
	1%	1%	1%	1%	1%	1%
grade 5 events	991	1052	979	1119	1113	2215
	4%	4%	3%	4%	4%	6%
grade 6 events	554	614	480	619	594	7491
	2%	2%	1%	2%	2%	22%
grade 7 events	18262	18718	21776	19435	21264	17813
	81%	81%	84%	79%	84%	54%

## 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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	119.080262	119.0637680625161	Alternating exposures requested	N	N
Pointing Dec	-41.611331	-41.63586279505616	Primary exposure time	0.000000	3.2
Pointing Roll	213.039472	213.23712918593			
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	235284483.184000	235283655.21351			
Observation start date	2005-06-16T04:46:59	2005-06-16T04:34:15			
Observation end time	235287983.184000	235288605.96374			
Observation end date	2005-06-16T05:45:19	2005-06-16T05:56:45			
Read mode	TIMED	TIMED			

## 2.3 Aspect





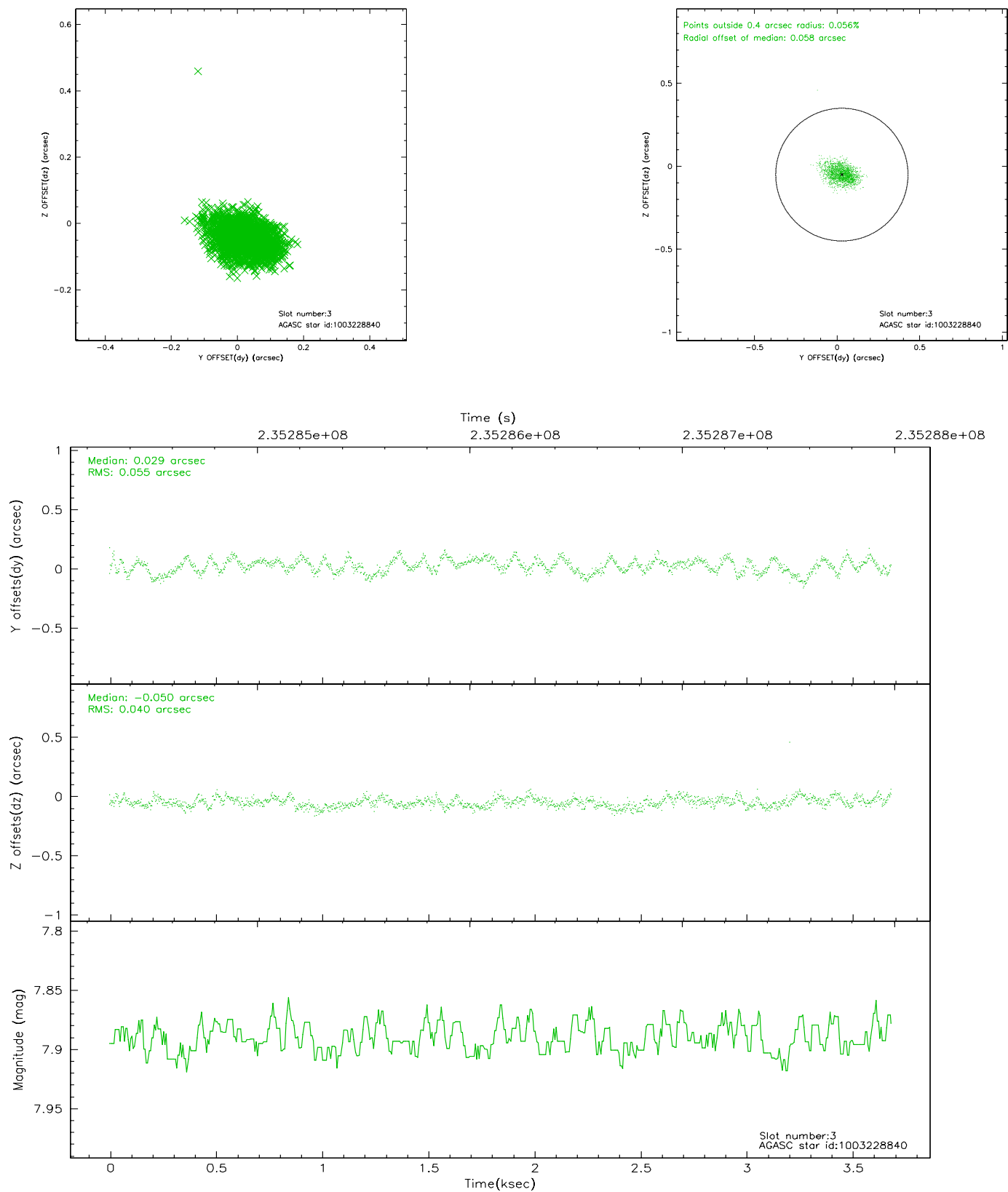
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	899	-0.029	0.037	0.016	0.030	0.000000	0.000000	932.74	-833.77
1	FID	ACIS-I-4	7.18	899	0.083	0.013	0.012	0.022	0.000000	0.000000	2153.86	1065.15
2	FID	ACIS-I-5	7.22	899	-0.150	0.022	0.011	0.025	0.000000	0.000000	-1813.17	1064.99
3	GUIDE	1003228840	7.89	1798	0.029	-0.050	0.072	0.118	119.863328	-41.940032	-1108.17	2143.30
4	GUIDE	1003244360	8.41	1798	0.156	0.151	0.057	0.088	118.857348	-42.452001	2145.82	2216.77
5	GUIDE	1003251408	8.95	1798	-0.079	-0.024	0.118	0.178	118.748493	-41.390637	319.69	-1151.60
6	GUIDE	1003253488	6.92	1798	-0.061	-0.106	0.061	0.098	119.446377	-41.535748	-974.57	311.16
7	GUIDE	1004966064	9.01	1797	-0.029	0.026	0.094	0.153	120.241984	-41.792124	-2248.84	2263.56

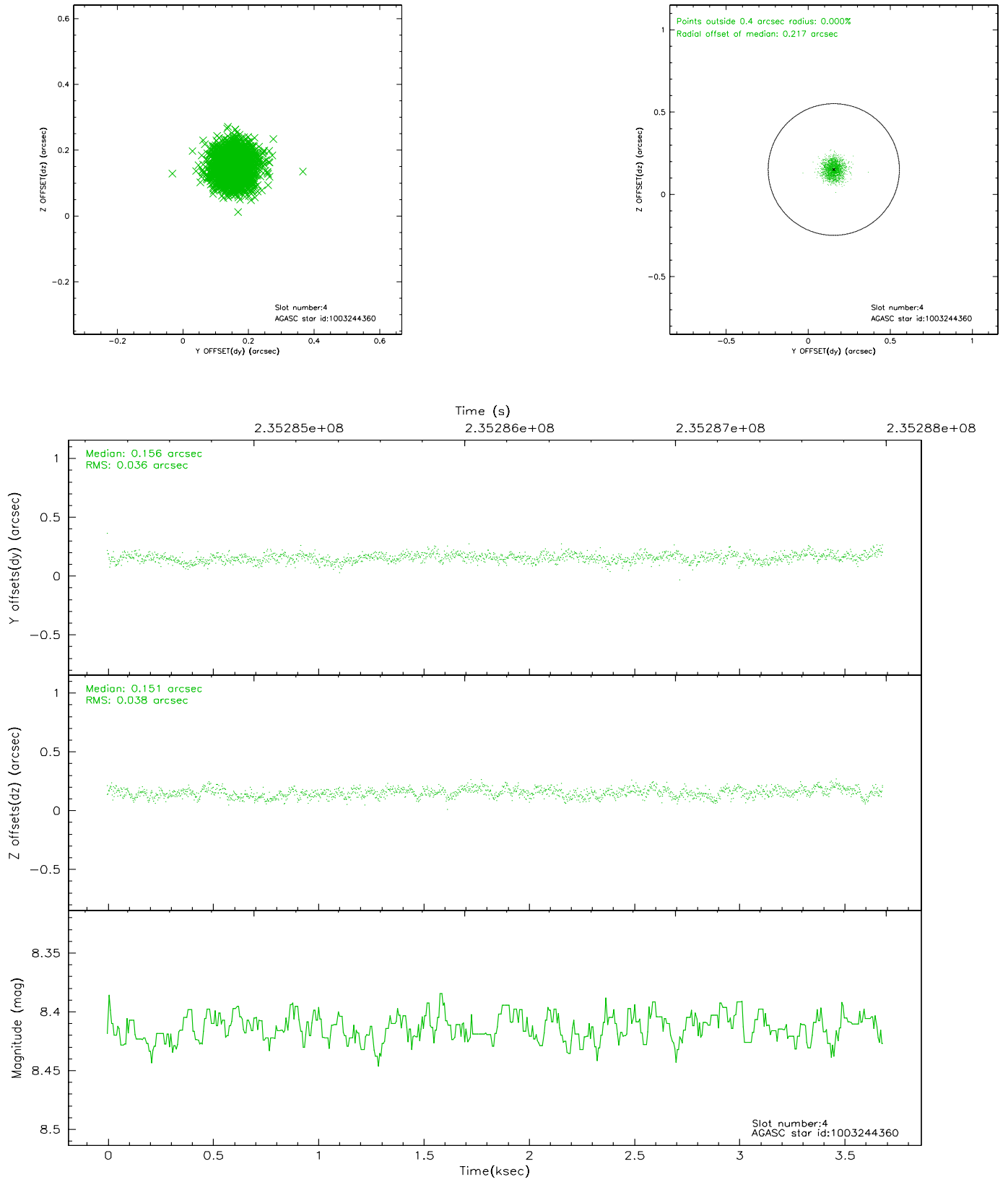


## 2.4 Star Slots

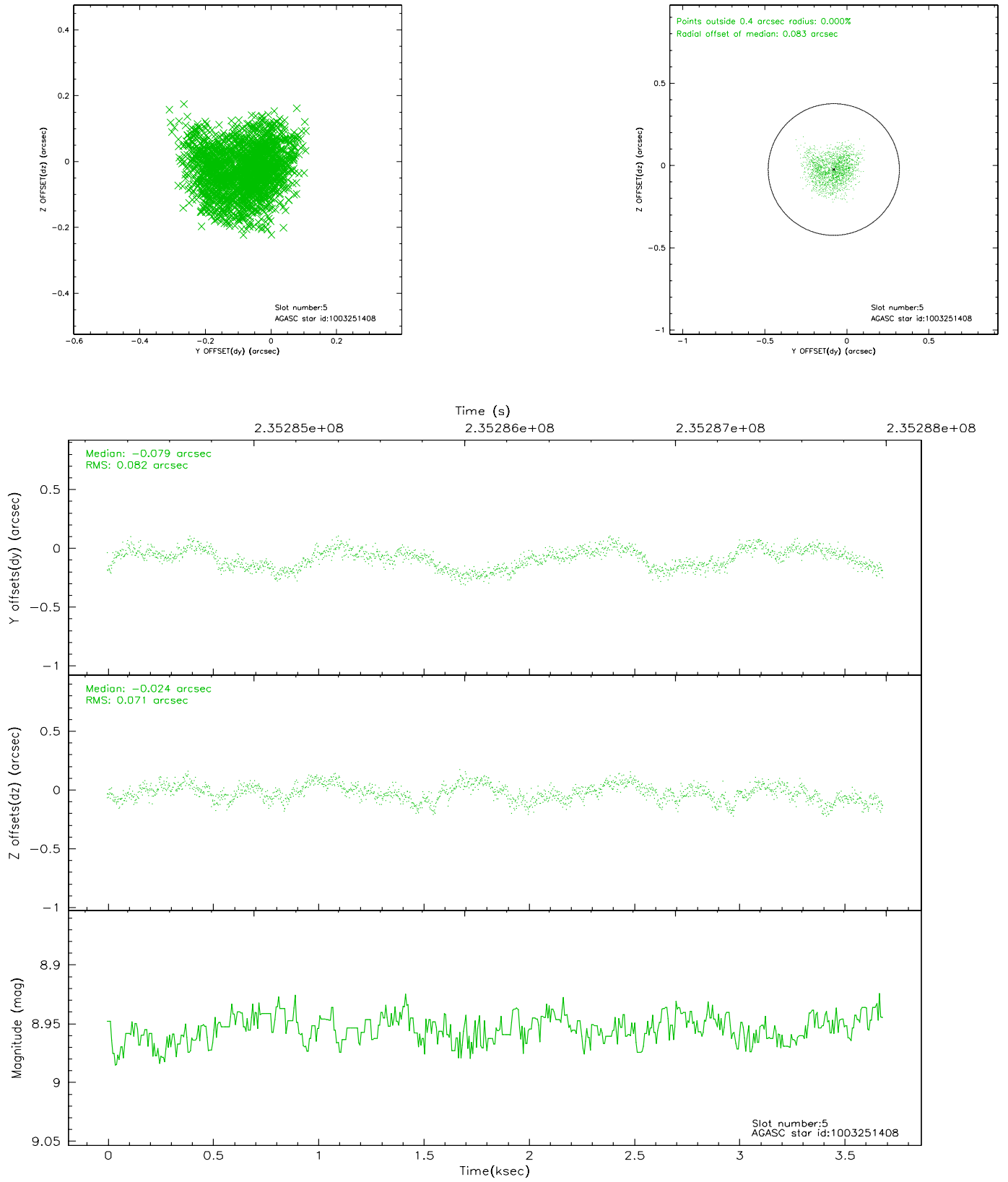
### 2.4.1 Slot 3



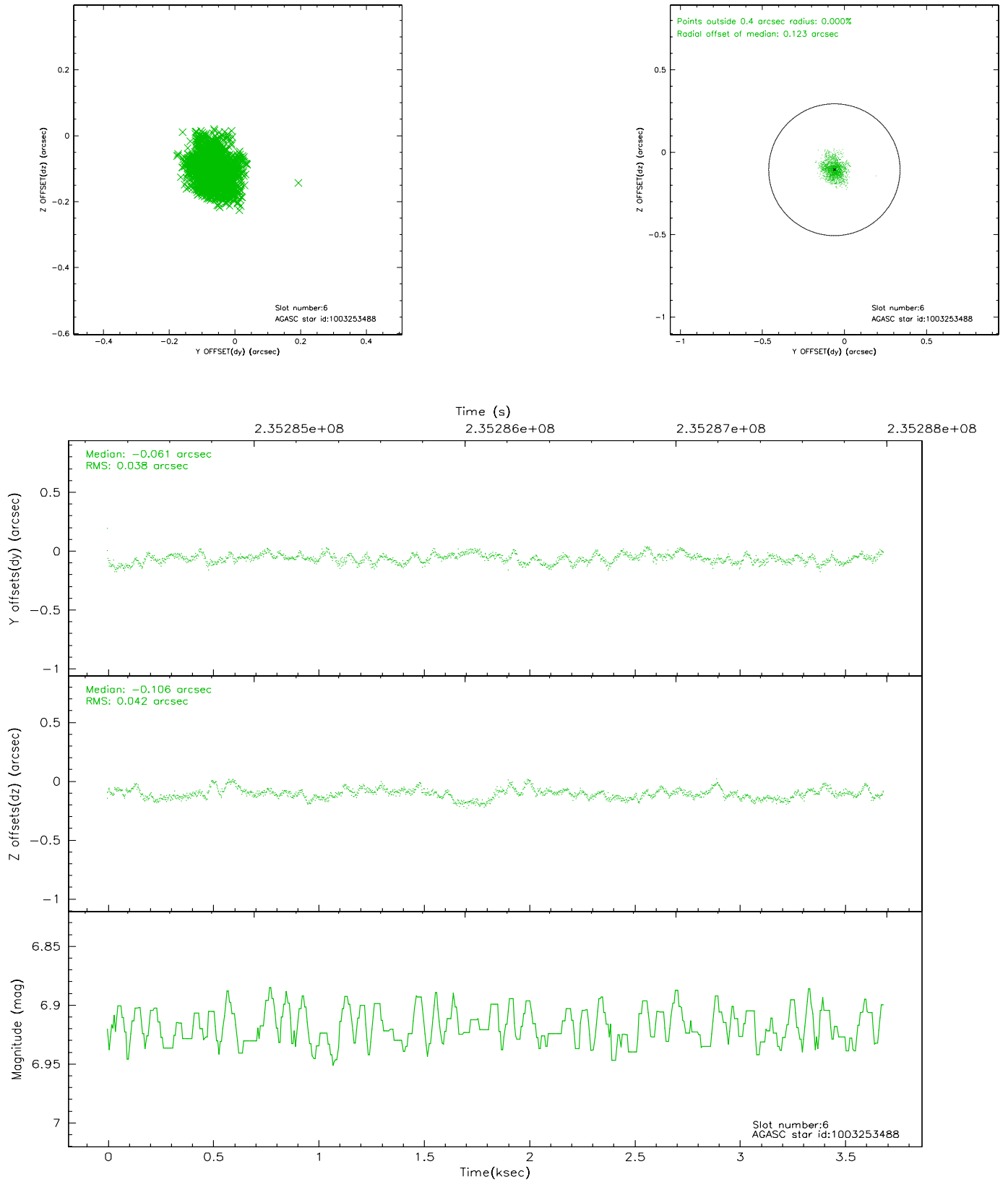
## 2.4.2 Slot 4



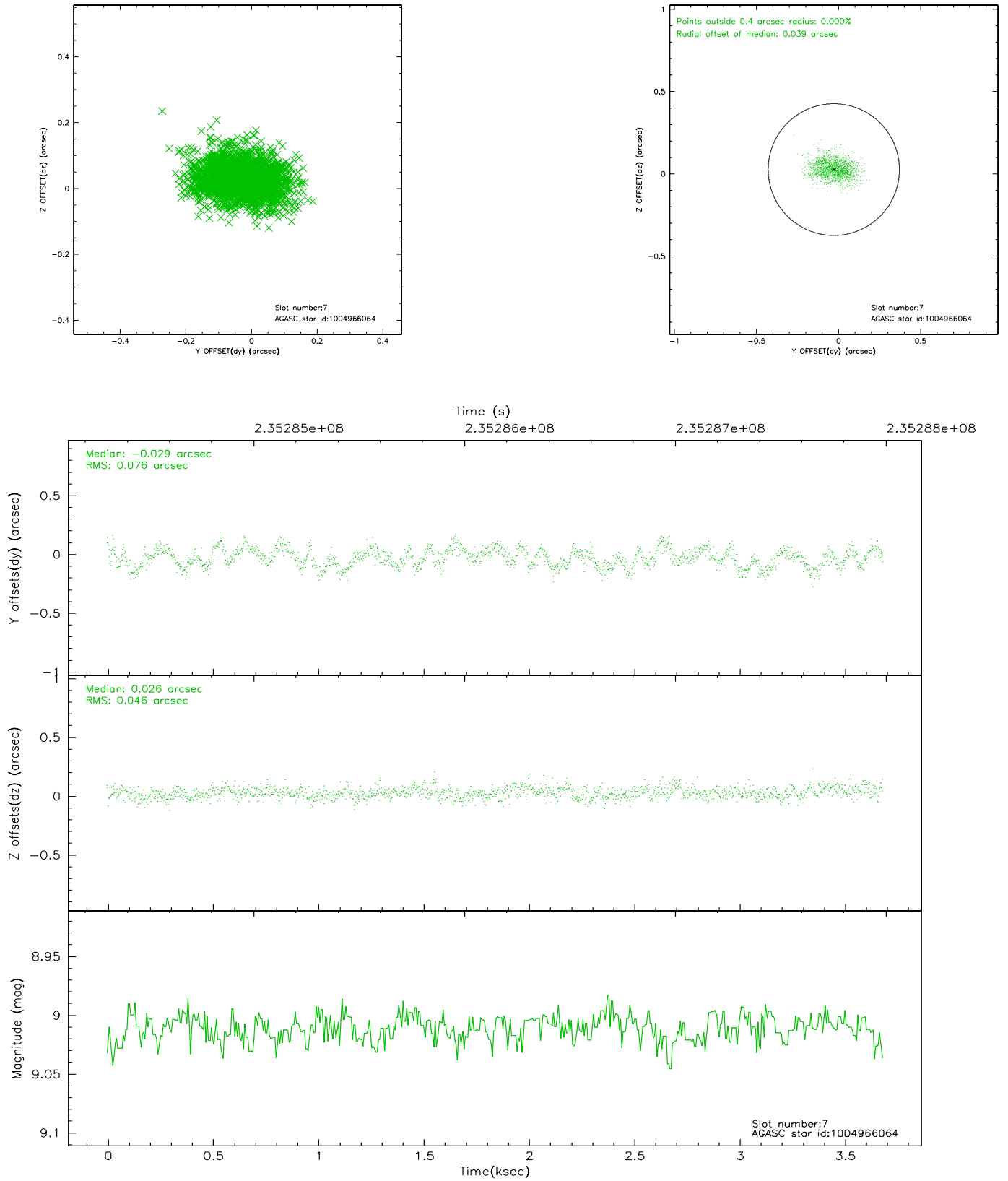
### 2.4.3 Slot 5



## 2.4.4 Slot 6

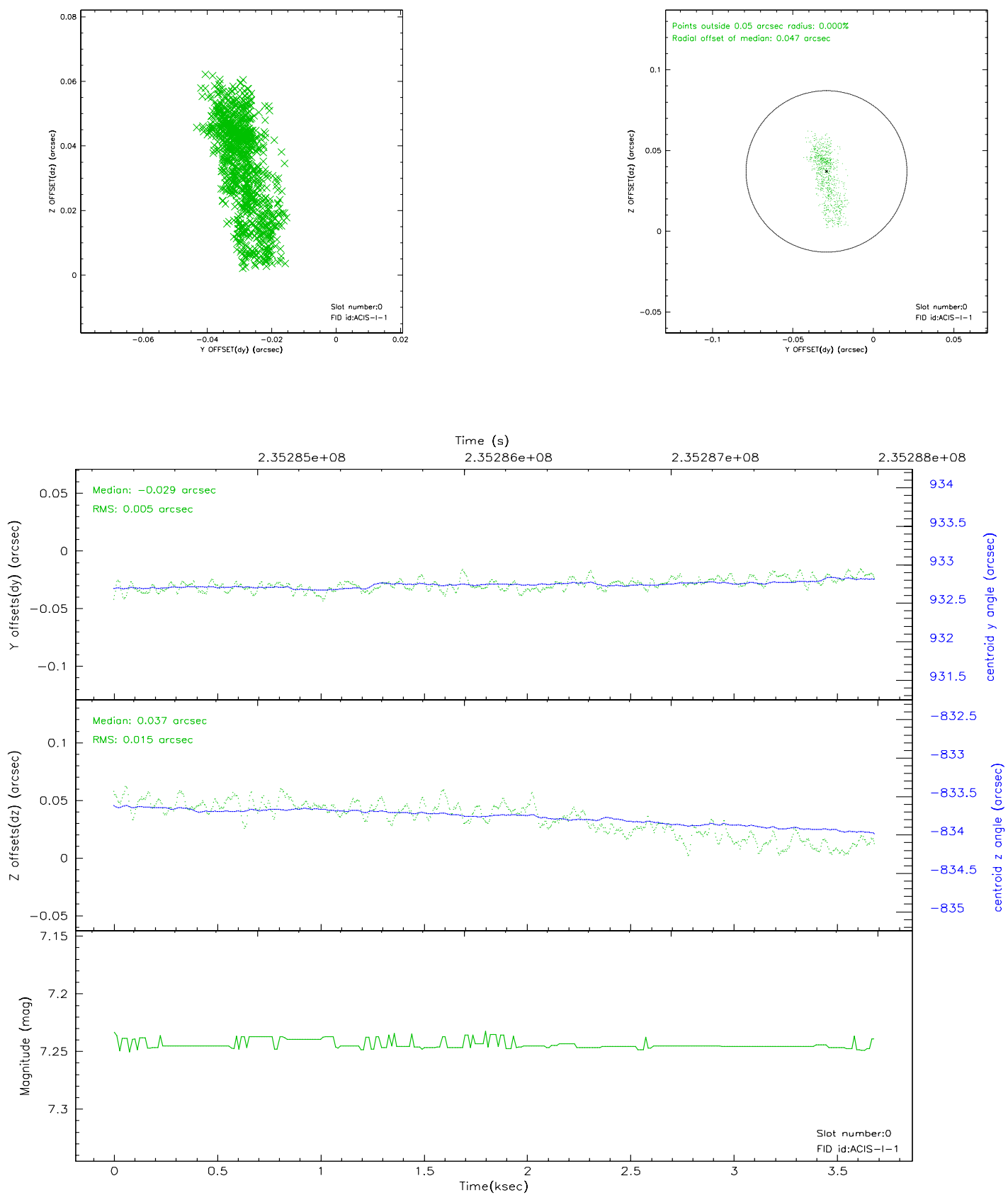


## 2.4.5 Slot 7

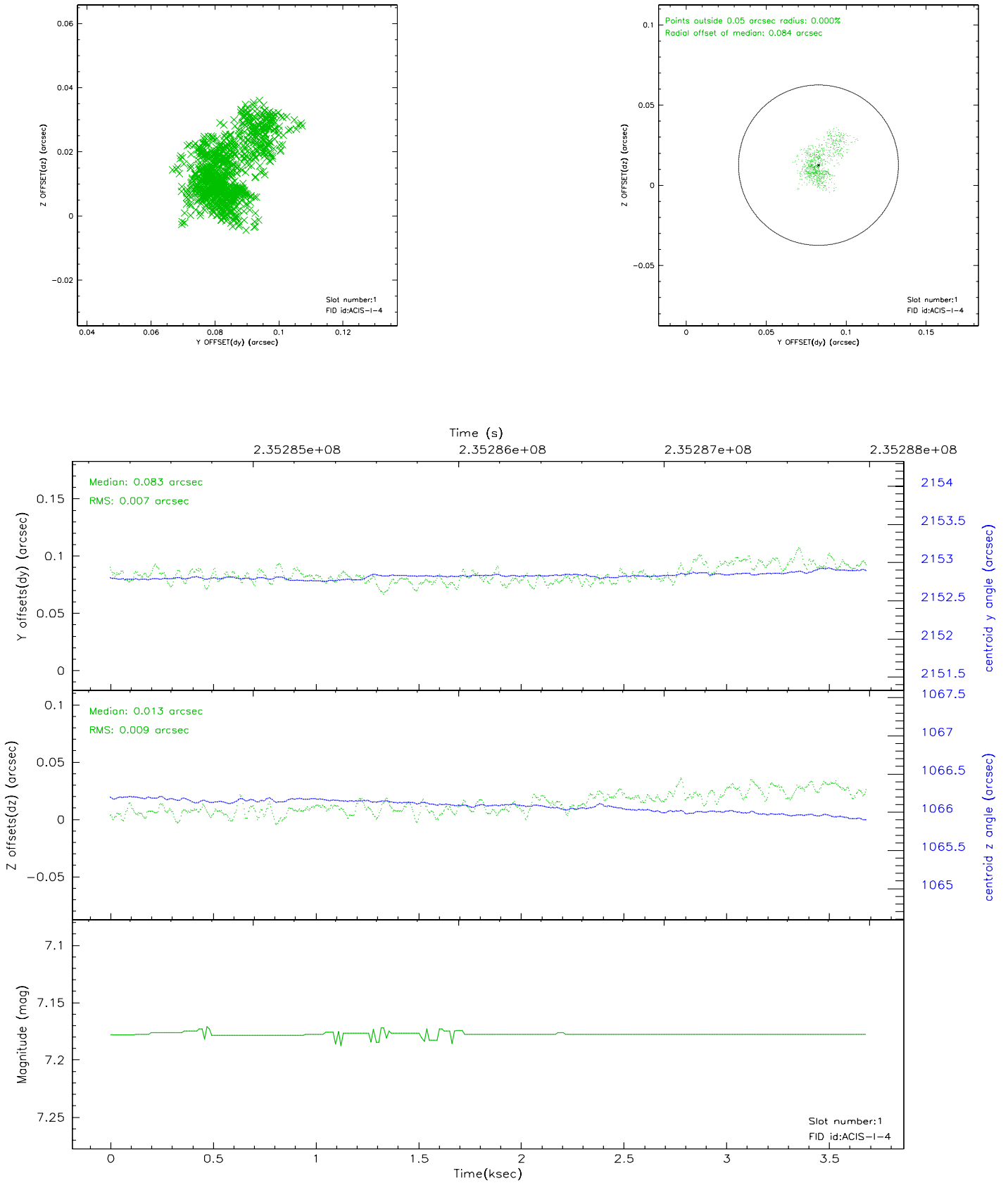


## 2.5 FID Slots

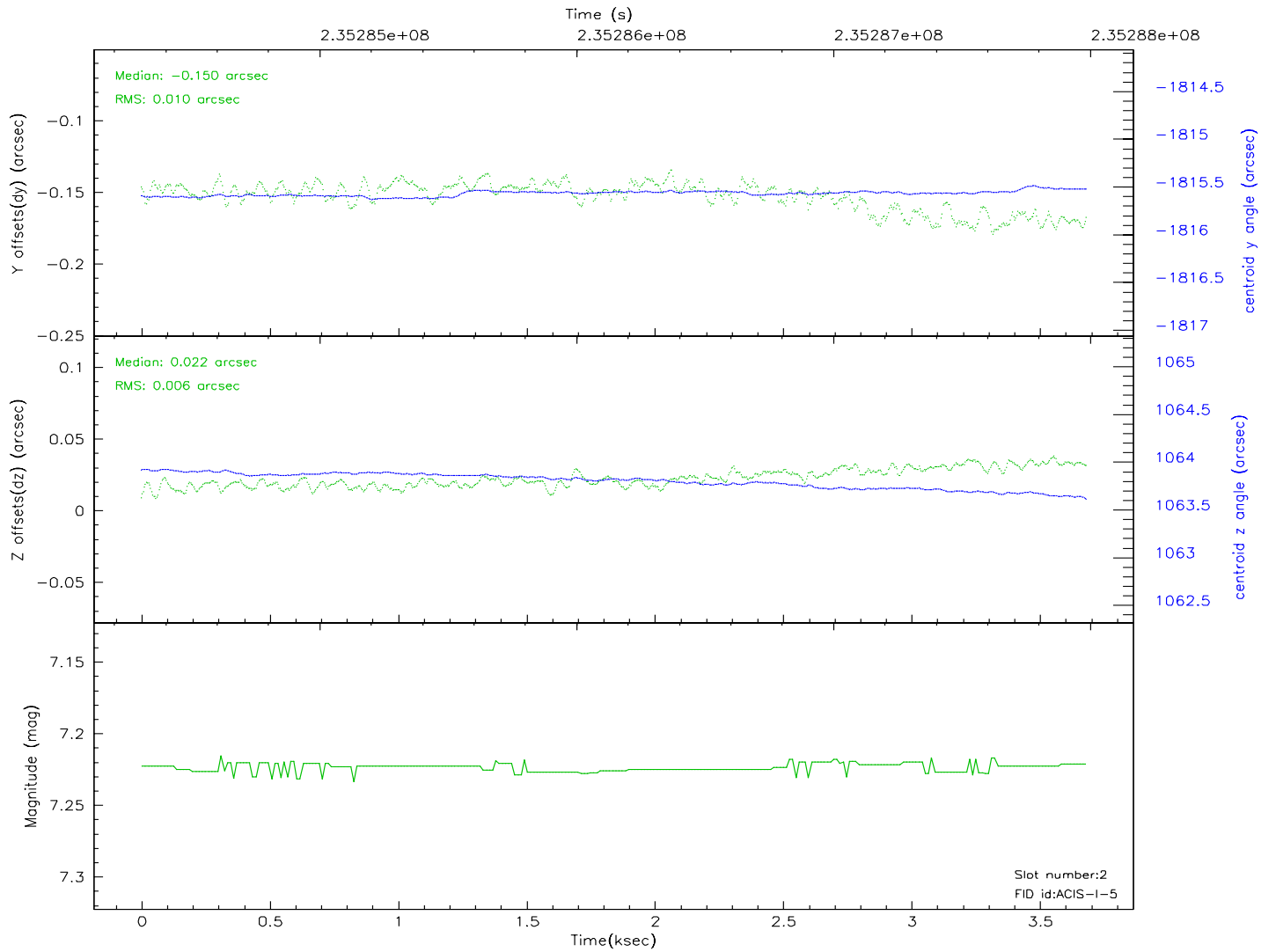
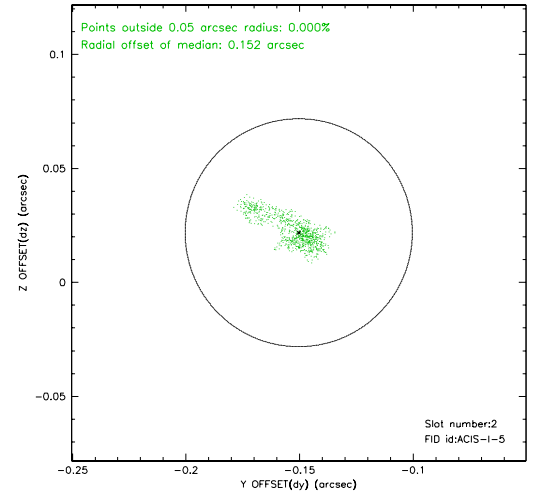
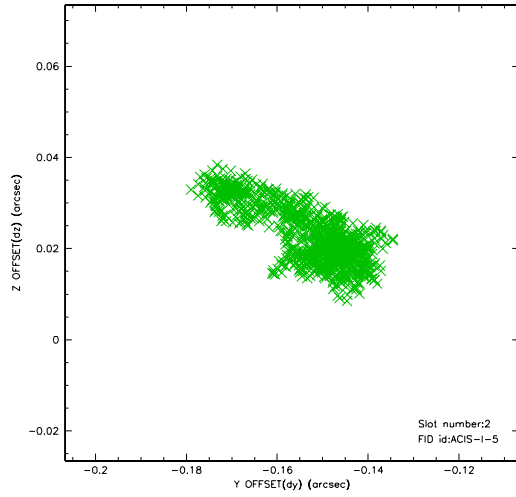
### 2.5.1 Slot 0



## 2.5.2 Slot 1

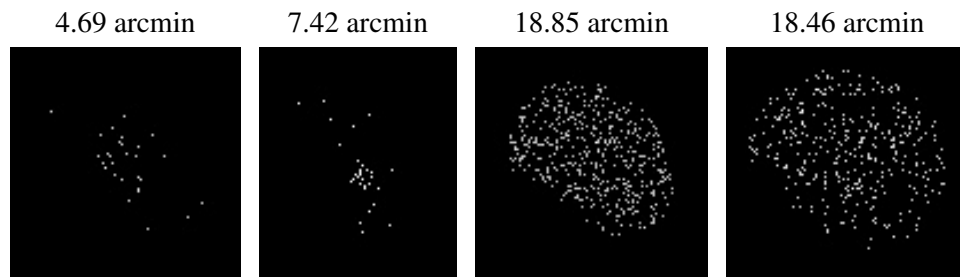


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.257599

### A.2 Comments