

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5388 - L2 Version 002  
Chandra X-Ray Center

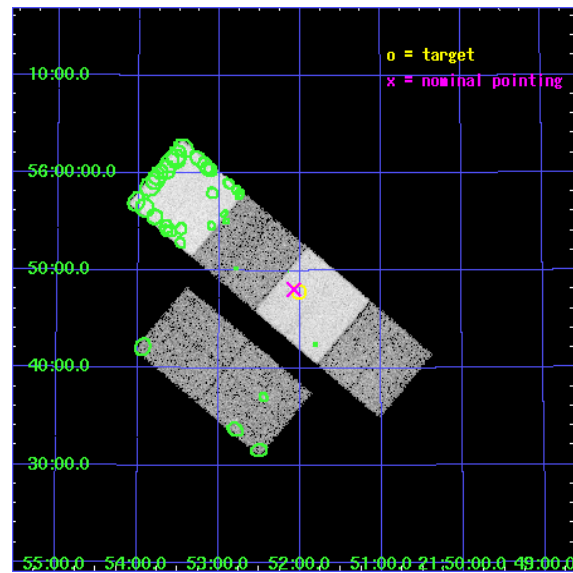
L2 Processing Date : Mar 17 2006

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# 1 Front

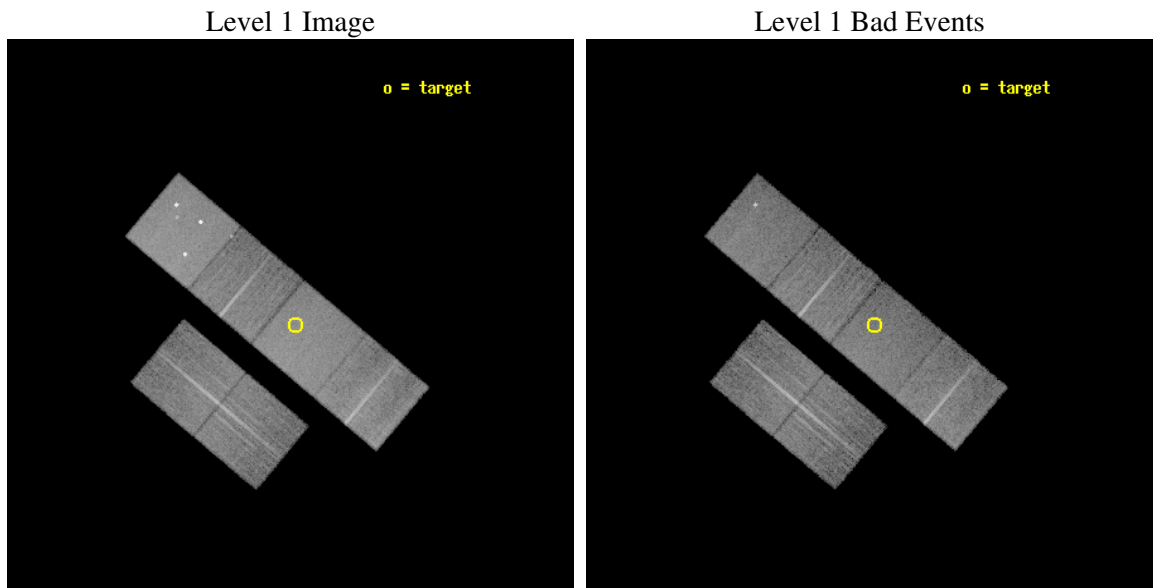
seq_num	200323
obs_id	5388
title	The puzzle of X-ray emission from magnetic stars without convective envelopes
observer	Prof. J rgen Schmitt
object	HD 208095
dtcycle	0
cycle	P
ra_targ	328.004167
dec_targ	55.79675
ra_nom	328.01907089717
dec_nom	55.80160766236
roll_nom	40.127060530608
revision	2
ontime	14457.599946141
livetime	14274.529110302
ontime2	14457.599946141
ontime3	14454.358975857
ontime5	14457.599946141
ontime6	14457.599946141
ontime7	14457.599946141
ontime8	14457.599946141
l2events	165666



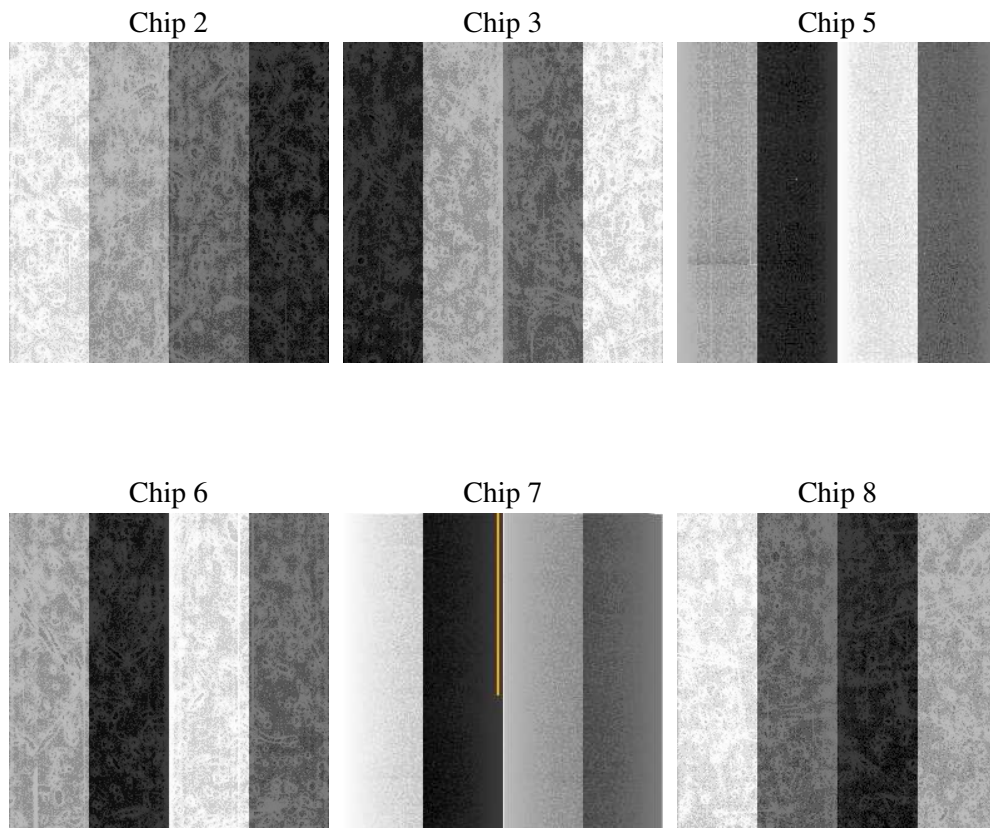
## 2 OBI

### 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	2006-03-17T13:26:01
revision	2

sched_exp_time	14500.000000
ontime	14461.349386424
ontime2	14461.349386424
ontime3	14458.10841614
ontime5	14461.349386424
ontime6	14461.349386424
ontime7	14461.349386424
ontime8	14461.349386424
l1events	770319

### 2.1.4 Events

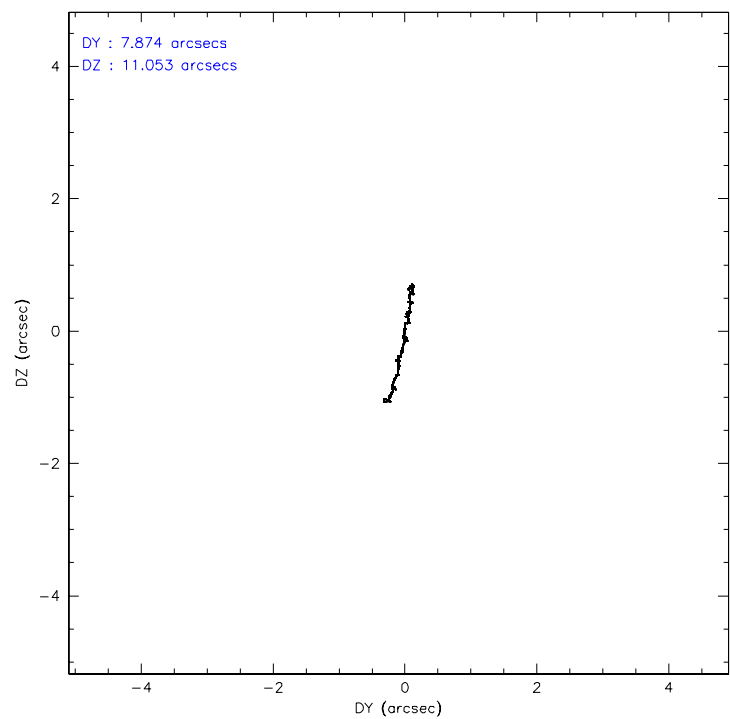
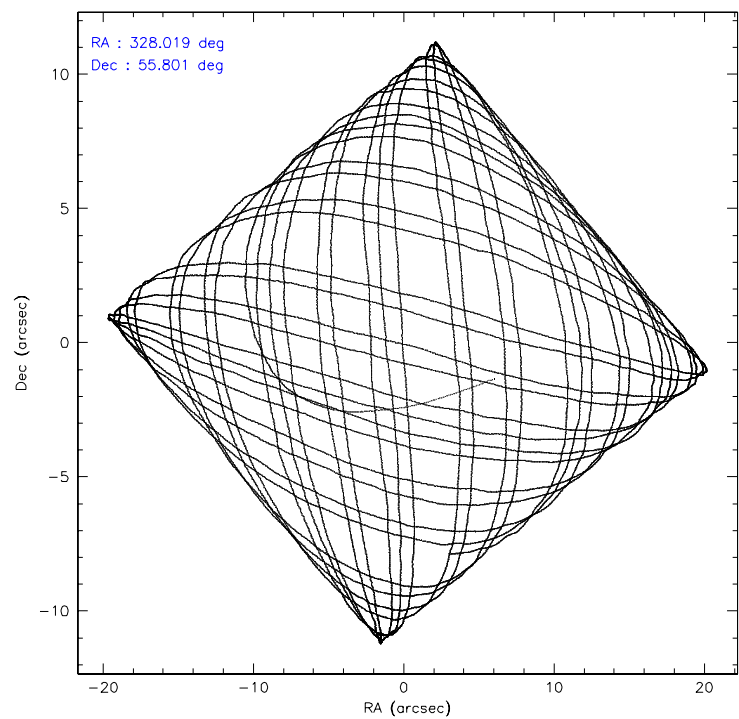
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	108892	103702	168997	109807	145126	133795
rejected events	96000	91436	91643	96923	90104	104884
rejected %	88%	88%	54%	88%	62%	78%

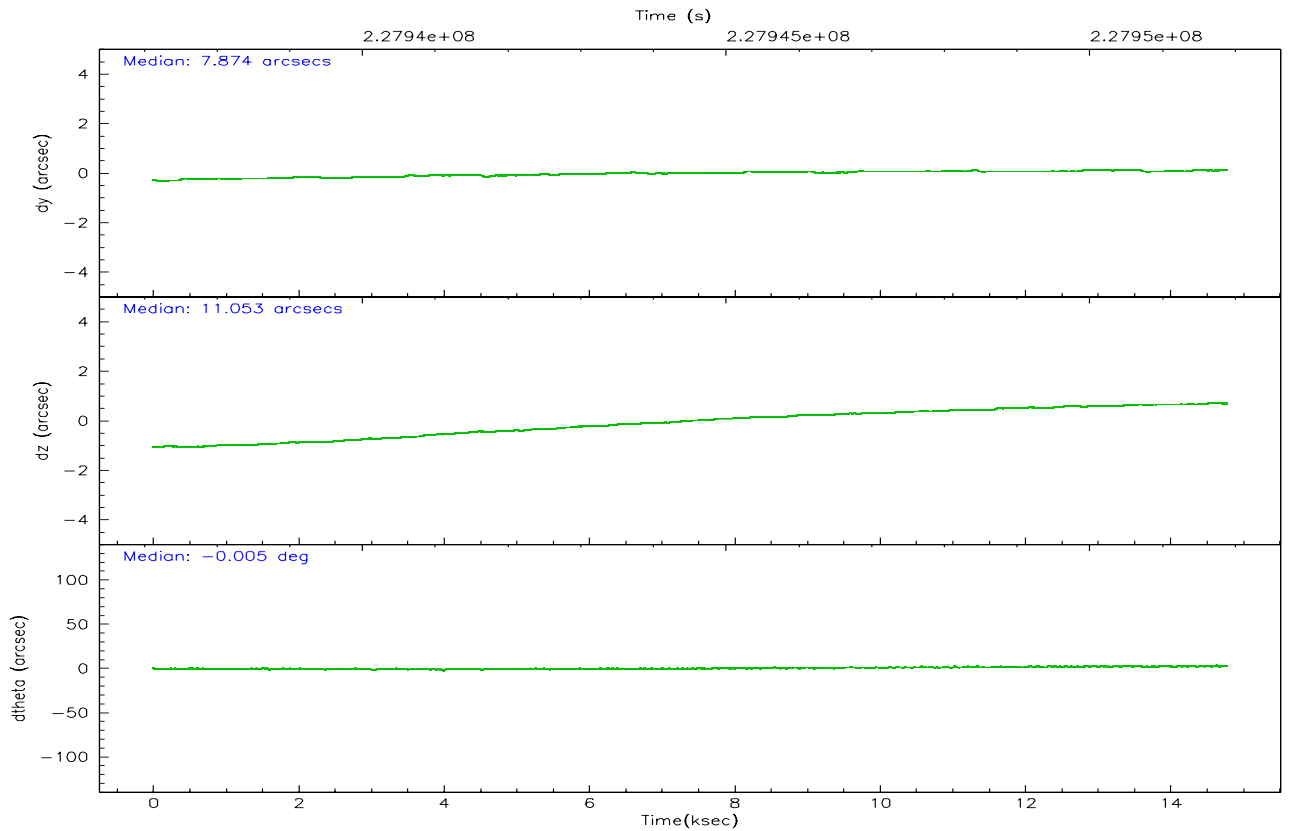
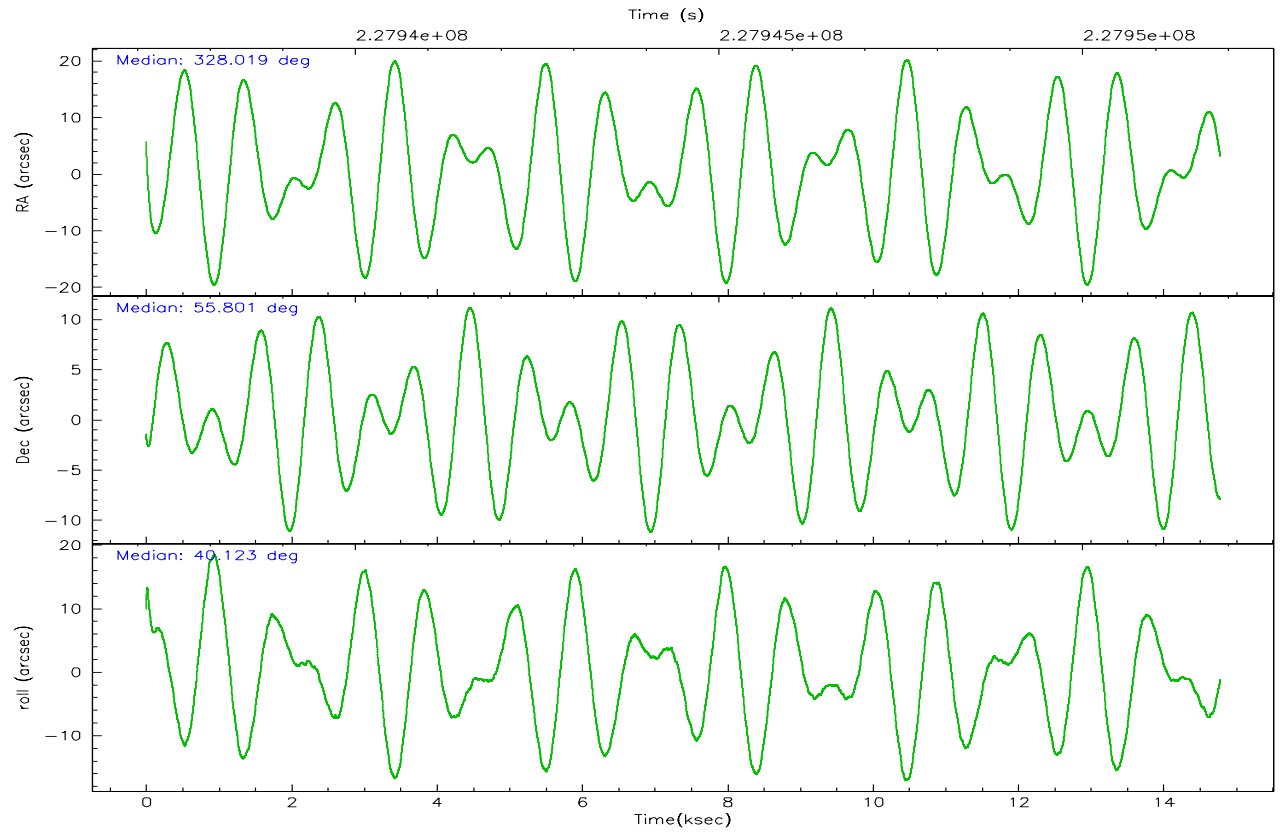
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5688	5270	10341	5137	2870	9058
	5%	5%	6%	4%	1%	6%
grade 1 events	64	74	155	51	78	79
	0%	0%	0%	0%	0%	0%
grade 2 events	2583	2449	23455	2684	13803	6472
	2%	2%	13%	2%	9%	4%
grade 3 events	1249	1210	1551	1222	2821	3050
	1%	1%	0%	1%	1%	2%
grade 4 events	1244	1217	1478	1210	2549	2864
	1%	1%	0%	1%	1%	2%
grade 5 events	4295	4803	8676	4964	9723	6641
	3%	4%	5%	4%	6%	4%
grade 6 events	2134	2121	40562	2635	33008	7469
	1%	2%	24%	2%	22%	5%
grade 7 events	91635	86558	82779	91904	80274	98162
	84%	83%	48%	83%	55%	73%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	328.003224	328.0190708971746	Alternating exposures requested	N	N
Pointing Dec	55.775863	55.80160766235991	Primary exposure time	0.000000	3.2
Pointing Roll	39.983527	40.12706053060769			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	227937397.184000	227936379.02908			
Observation start date	2005-03-23T03:55:33	2005-03-23T03:39:39			
Observation end time	227951897.184000	227953207.99235			
Observation end date	2005-03-23T07:57:13	2005-03-23T08:20:07			
Read mode	TIMED	TIMED			

## 2.3 Aspect





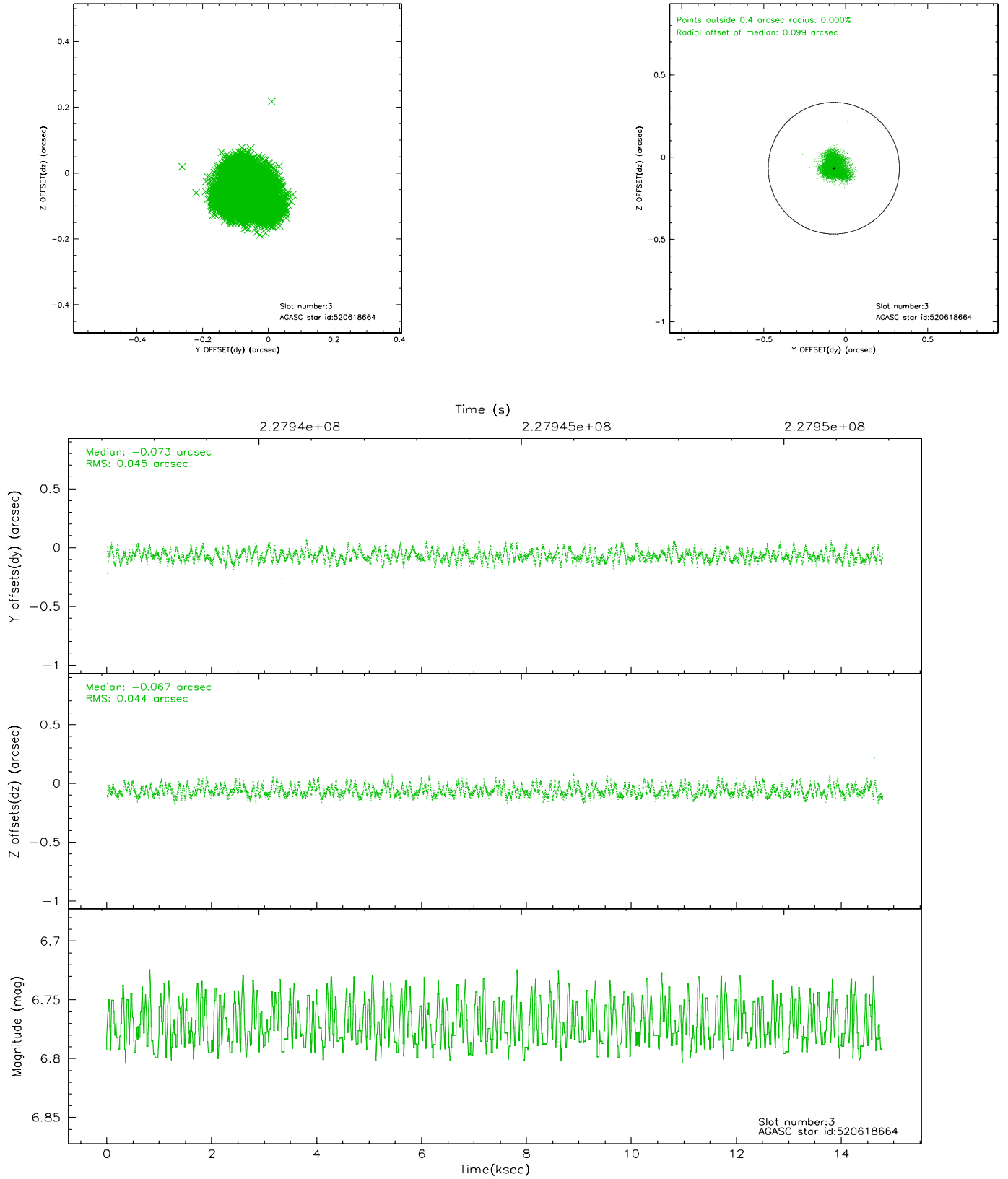
### Slot Statistics

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	3605	-0.022	0.011	0.012	0.018	0.000000	0.000000	-760.61	-1732.13
1	FID	ACIS-S-4	7.20	3605	0.051	0.007	0.009	0.015	0.000000	0.000000	2152.56	176.08
2	FID	ACIS-S-5	7.23	3605	-0.061	-0.010	0.008	0.013	0.000000	0.000000	-1813.13	170.01
3	GUIDE	520618664	6.77	7212	-0.073	-0.067	0.068	0.105	328.279876	56.212557	1435.40	849.70
4	GUIDE	520631488	8.76	7212	-0.023	0.026	0.072	0.117	327.475774	56.103532	-50.90	1587.74
5	GUIDE	520633488	9.02	7207	0.063	-0.082	0.077	0.126	327.975448	55.254427	-1249.60	-1401.51
6	GUIDE	520634688	9.17	7212	0.067	0.103	0.100	0.159	327.685137	55.411733	-1339.16	-585.67
7	GUIDE	520637896	7.68	7210	-0.035	0.022	0.051	0.085	328.127923	55.039850	-1505.31	-2195.39

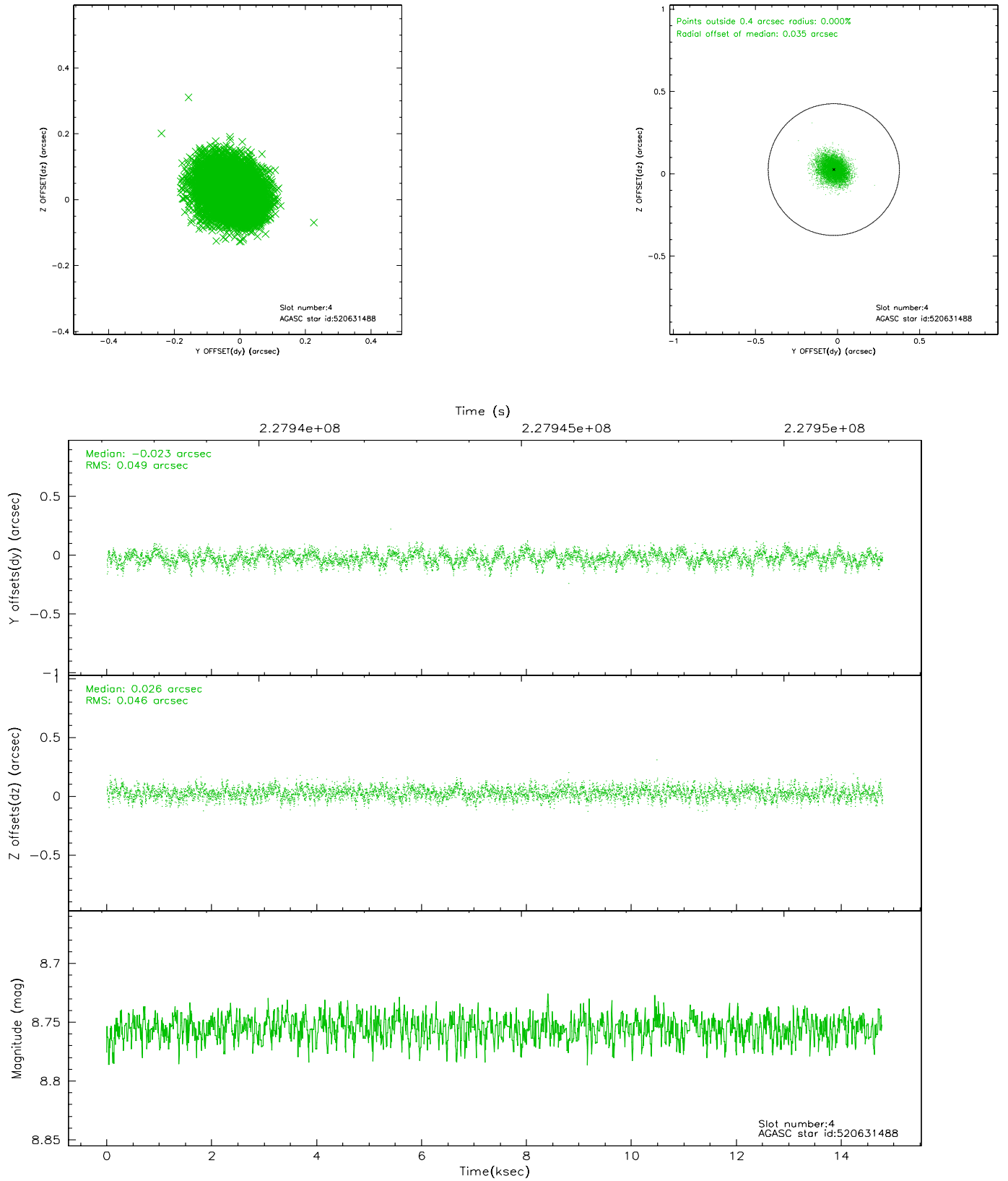


## 2.4 Star Slots

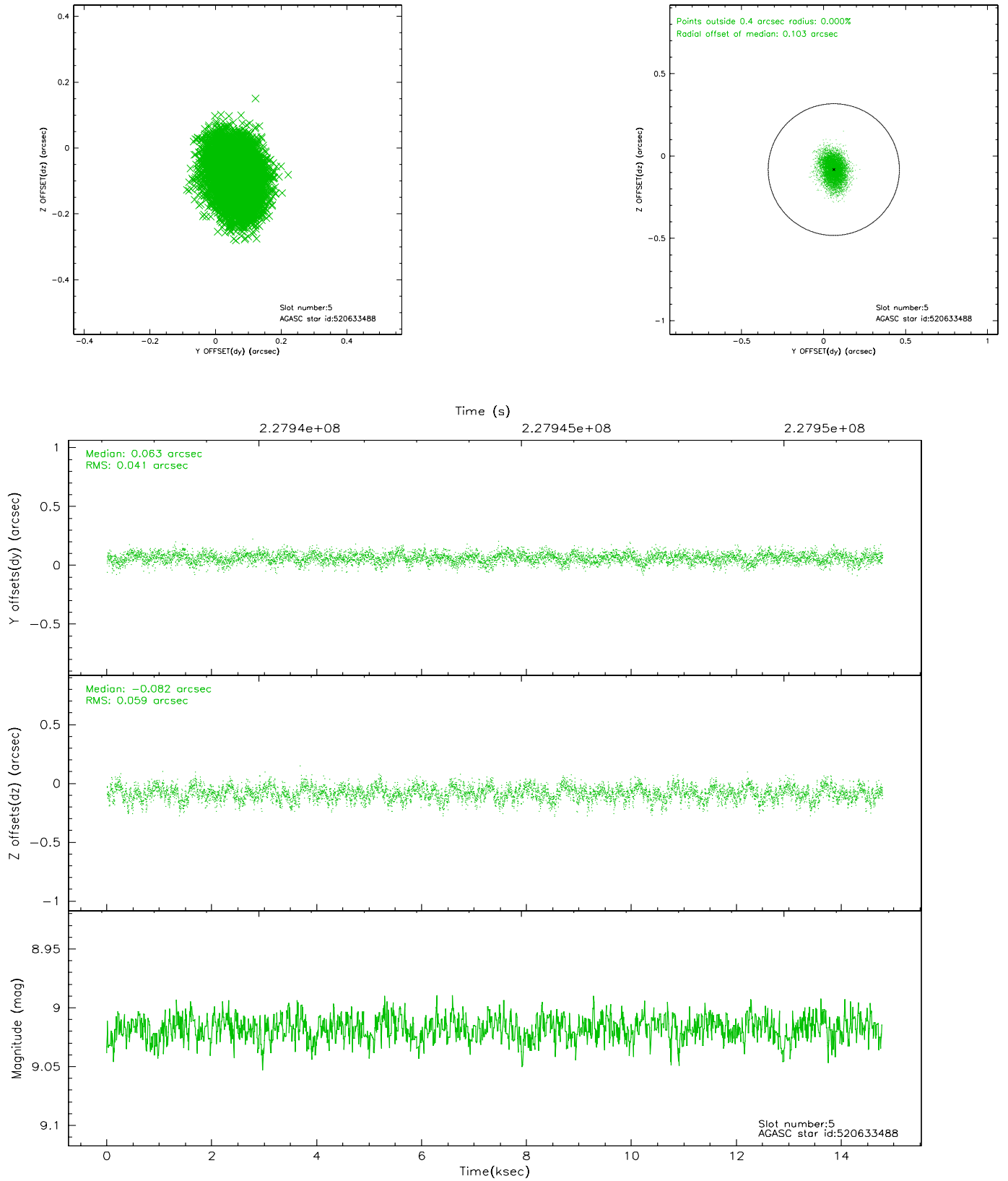
### 2.4.1 Slot 3



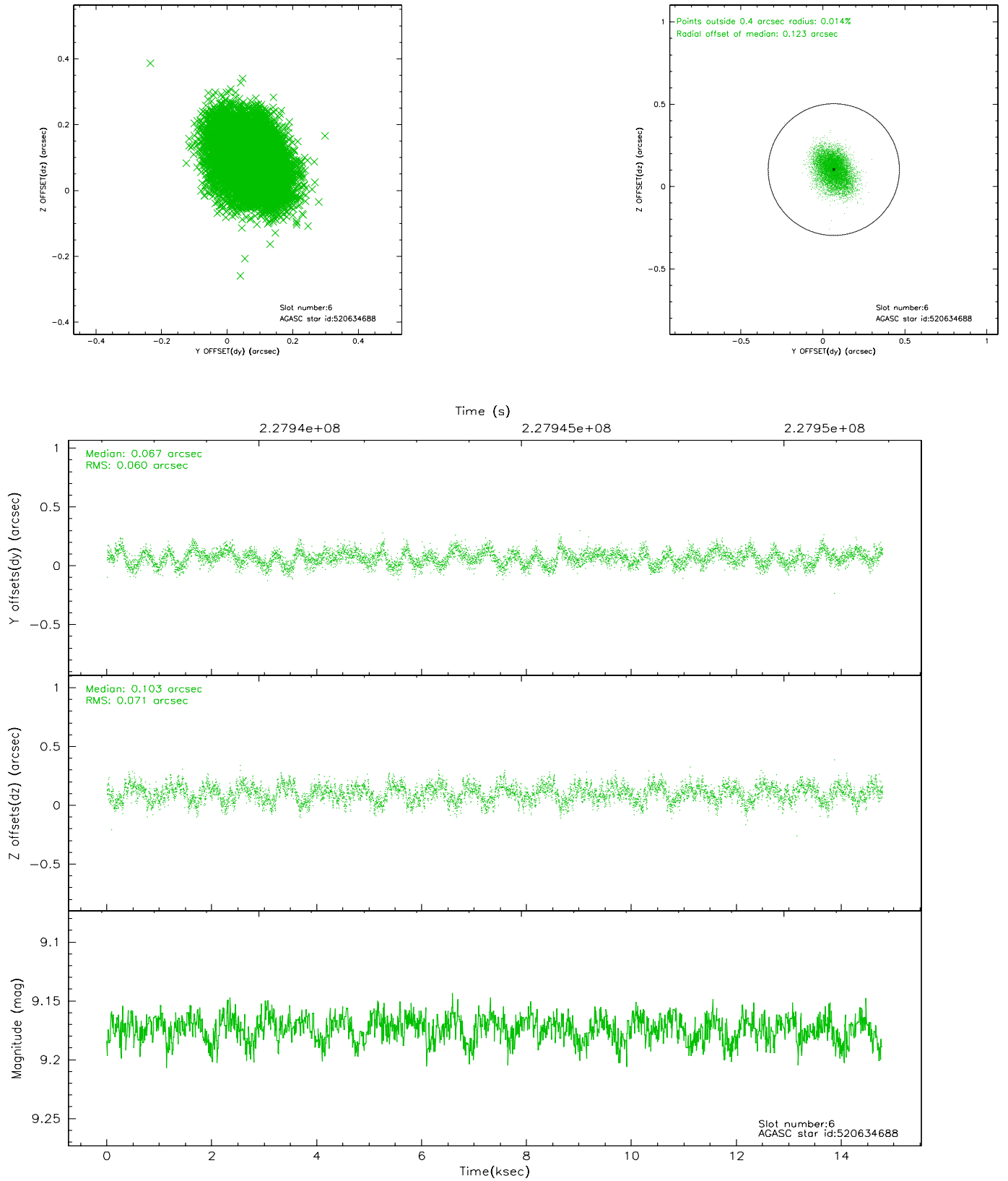
## 2.4.2 Slot 4



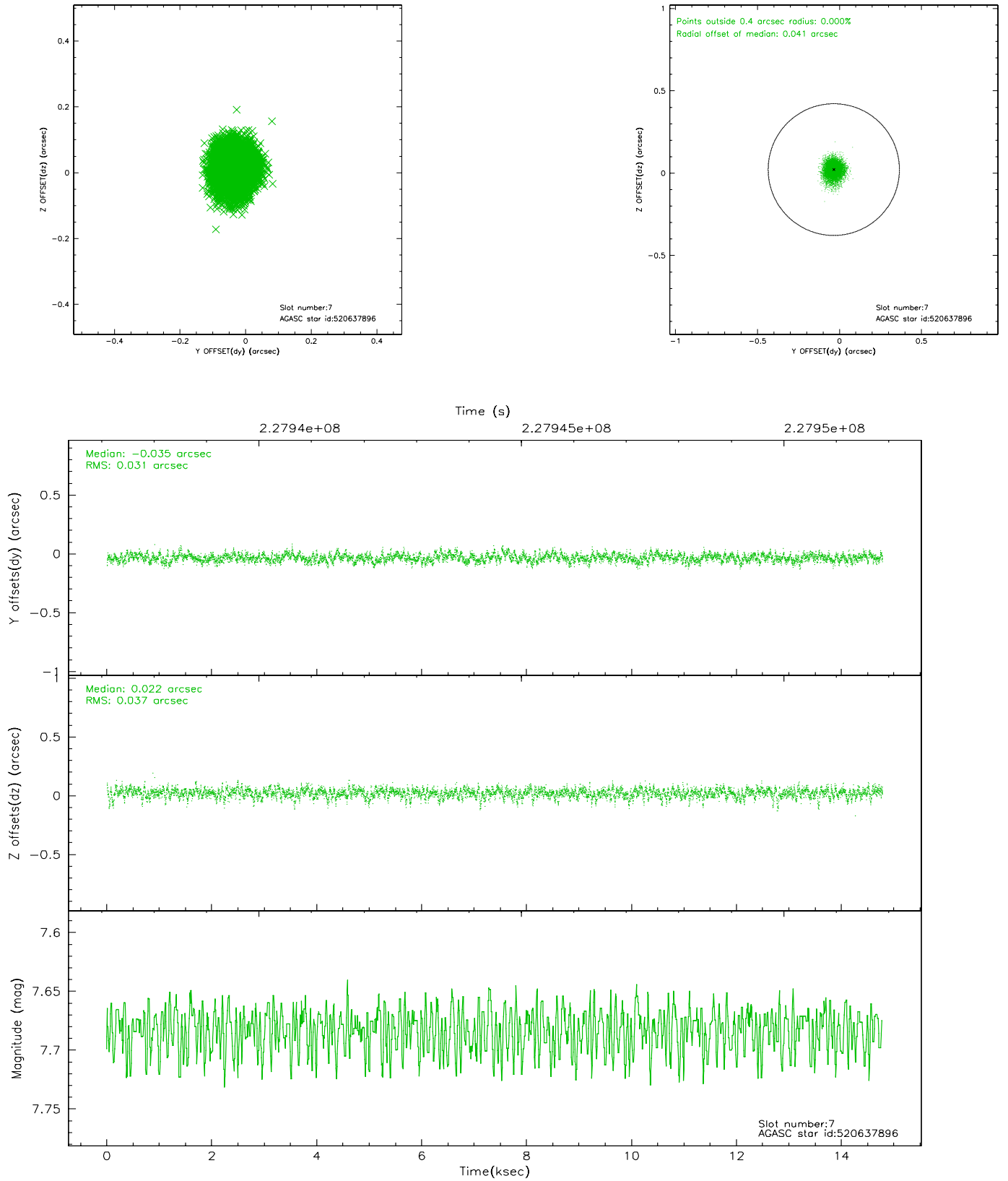
### 2.4.3 Slot 5



## 2.4.4 Slot 6

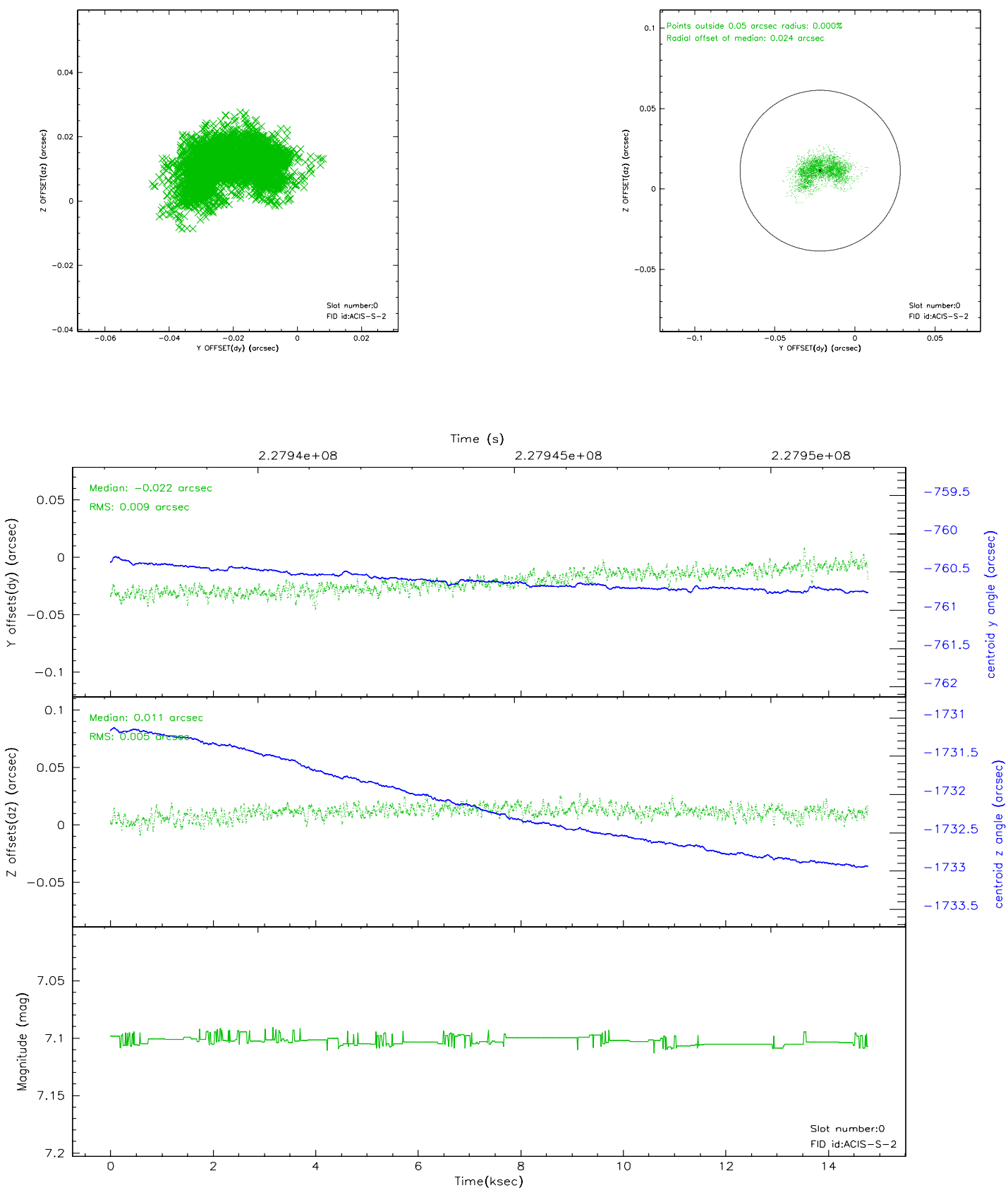


## 2.4.5 Slot 7

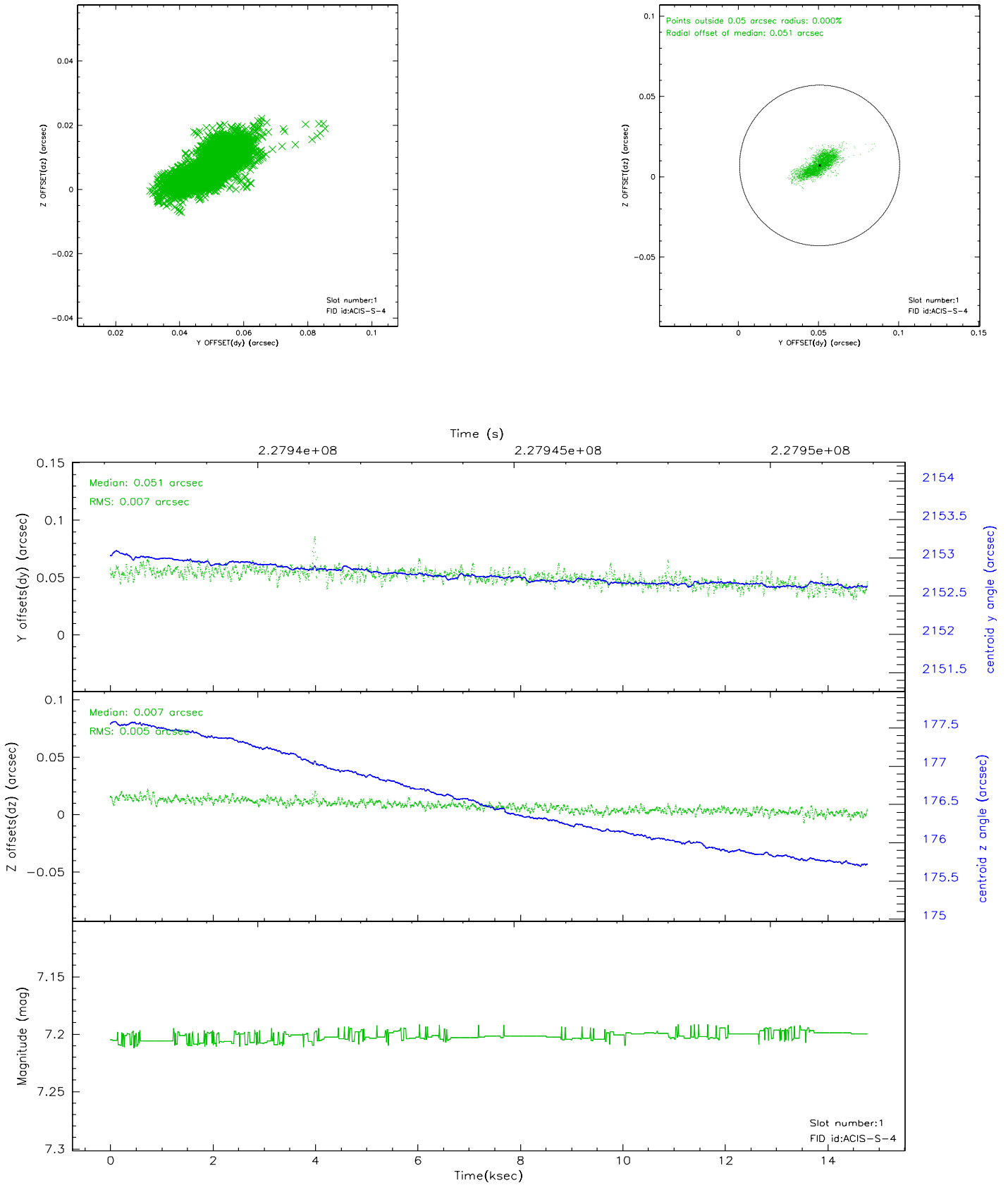


## 2.5 FID Slots

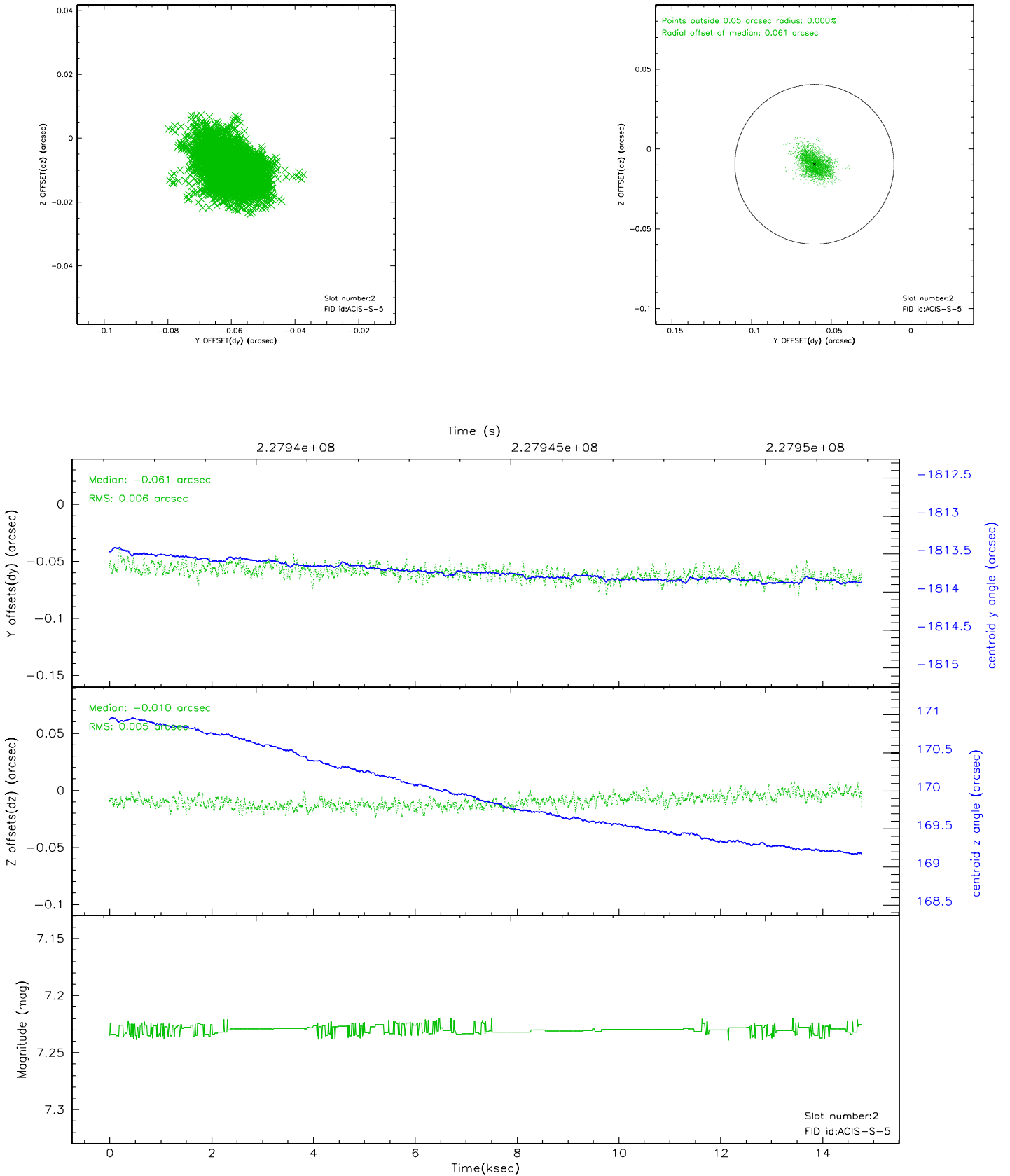
### 2.5.1 Slot 0



## 2.5.2 Slot 1

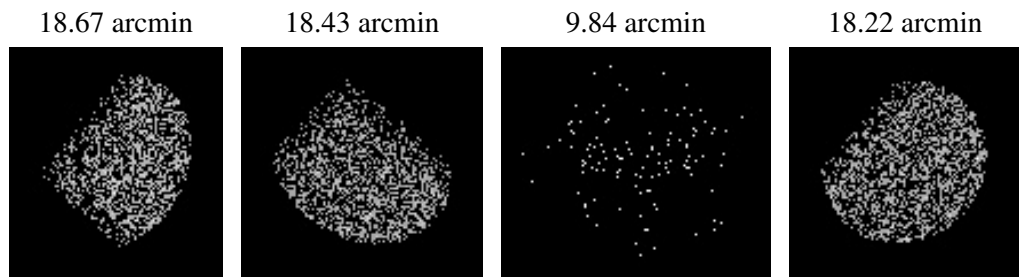


### 2.5.3 Slot 2





### 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	14.45759

### A.2 Comments