

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5776 - L2 Version 002  
Chandra X-Ray Center

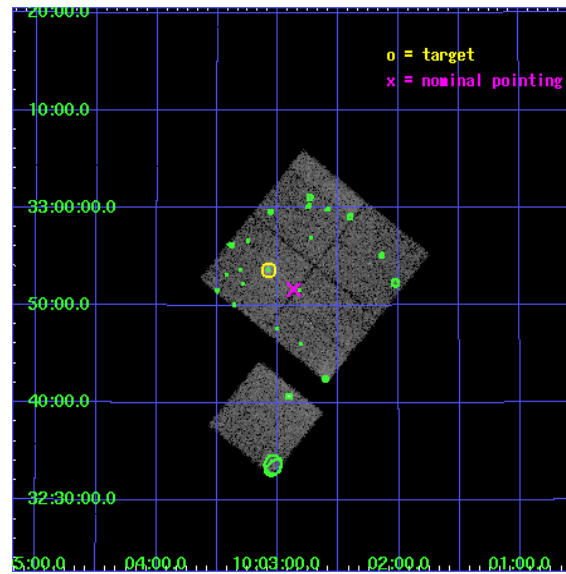
L2 Processing Date: Feb 27 2006

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# 1 Front

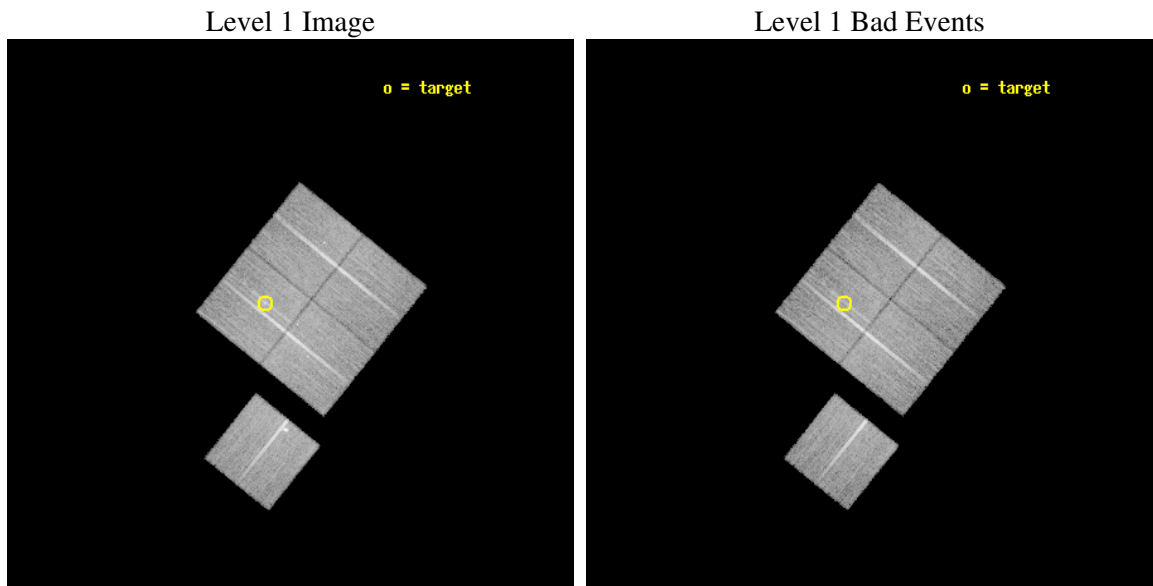
seq_num	800489
obs_id	5776
title	Chandra observations of high-redshift clusters of galaxies from the 400 Square Degrees ROSAT PSPC survey
observer	Dr. Steven Murray
object	cl1003+3253
dtcycle	0
cycle	P
ra_targ	150.76875
dec_targ	32.893333
ra_nom	150.71698957358
dec_nom	32.860821358784
roll_nom	218.87385520267
revision	2
ontime	20121.977100074
livetime	19859.068655678
ontime0	20128.258961141
ontime1	20131.399961293
ontime2	20118.836040258
ontime3	20121.977100074
ontime6	20131.399961293
l2events	59657



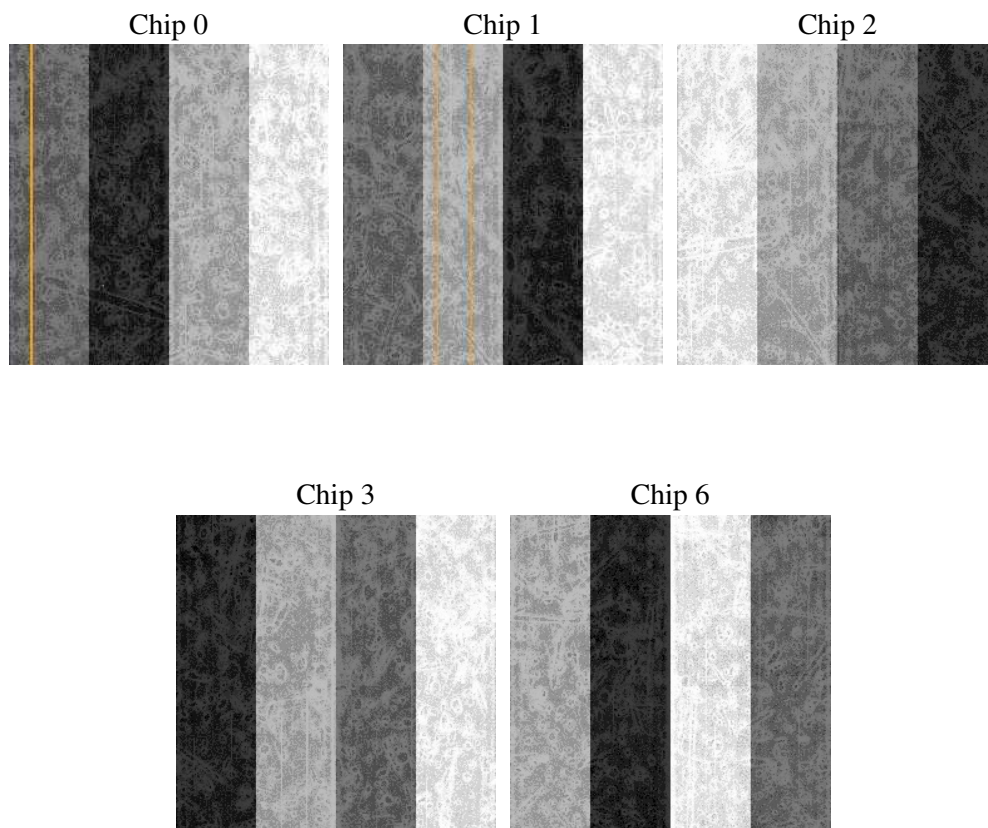
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-27T07:10:15
revision	2

sched_exp_time	20000.000000
ontime	20127.592401862
ontime0	20133.874262929
ontime1	20137.015263081
ontime2	20124.451342046
ontime3	20127.592401862
ontime6	20137.015263081
llevents	623409

### 2.1.4 Events

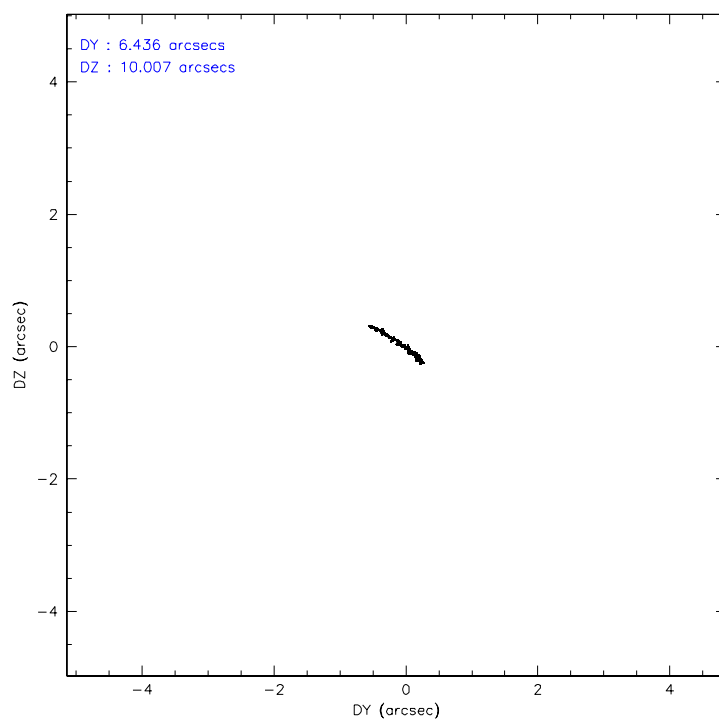
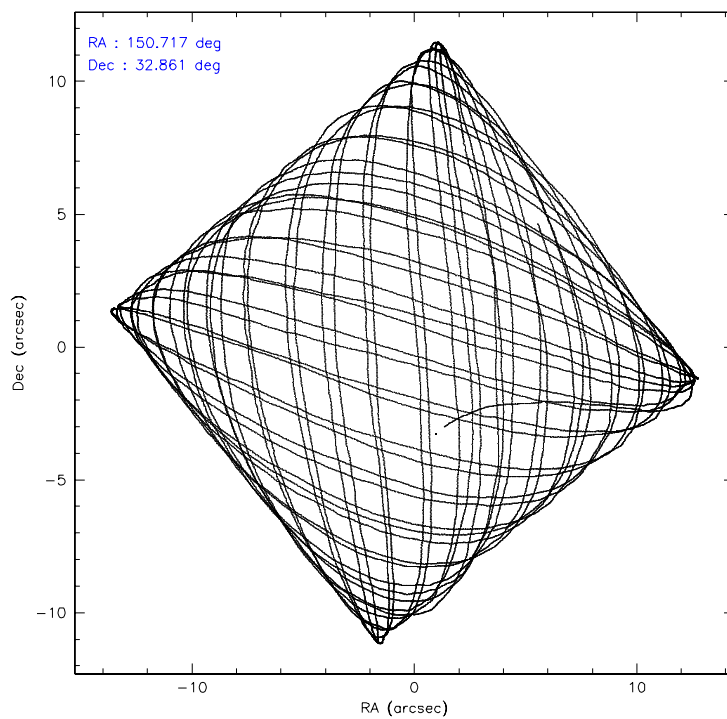
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	113790	120806	133627	129260	125926
rejected events	101347	106239	118804	115618	110474
rejected %	89%	87%	88%	89%	87%

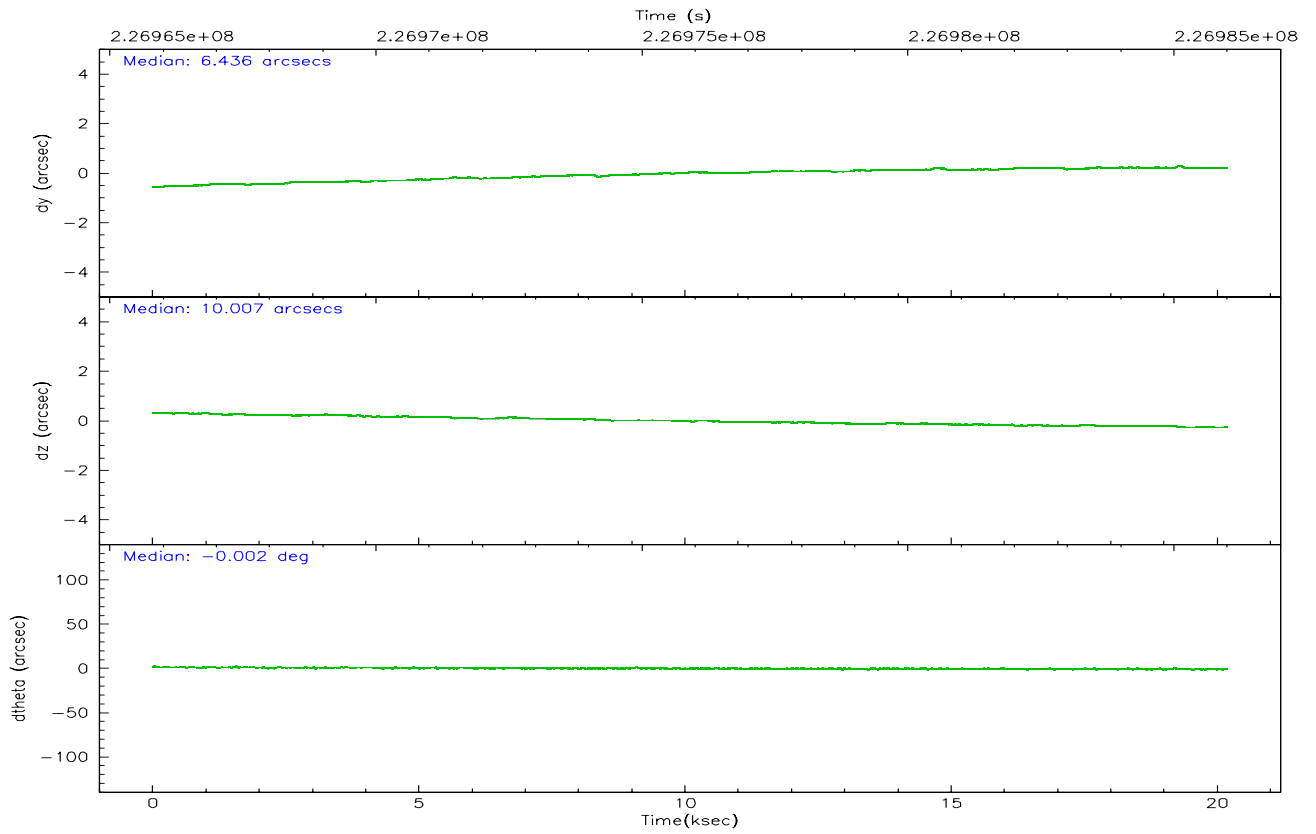
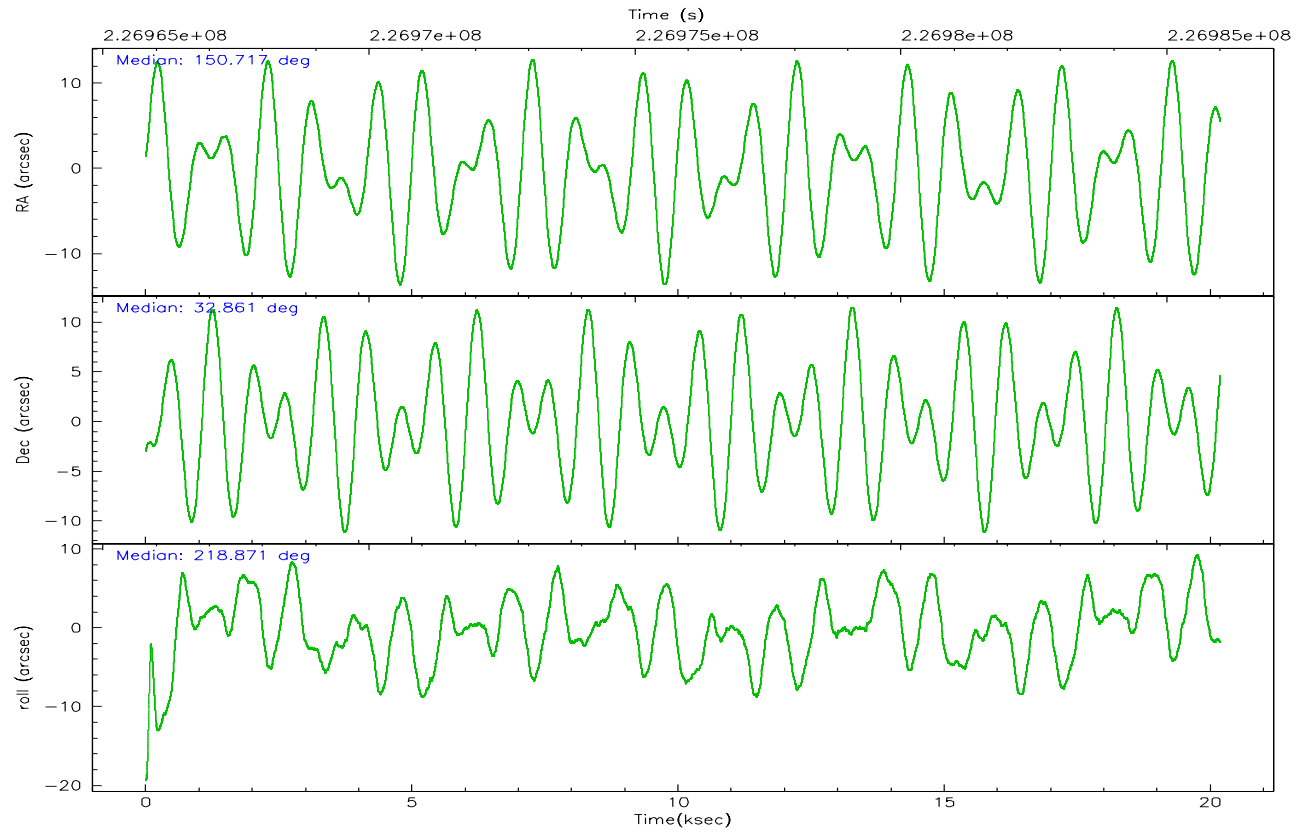
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4345	5355	6550	5678	6682
	3%	4%	4%	4%	5%
grade 1 events	53	66	85	94	65
	0%	0%	0%	0%	0%
grade 2 events	2926	3192	3096	2722	2979
	2%	2%	2%	2%	2%
grade 3 events	1472	1549	1410	1388	1514
	1%	1%	1%	1%	1%
grade 4 events	1378	1531	1441	1430	1507
	1%	1%	1%	1%	1%
grade 5 events	4355	4779	4276	4938	4914
	3%	3%	3%	3%	3%
grade 6 events	2327	2943	2333	2430	2774
	2%	2%	1%	1%	2%
grade 7 events	96934	101391	114436	110580	105491
	85%	83%	85%	85%	83%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	150.728578	150.7169895735817	Alternating exposures requested	N	N
Pointing Dec	32.886417	32.86082135878404	Primary exposure time	0.000000	3.1
Pointing Roll	218.658890	218.8738552026701			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	226965994.184000	226965025.94752			
Observation start date	2005-03-11T22:05:30	2005-03-11T21:50:25			
Observation end time	226985994.184000	226986731.3485			
Observation end date	2005-03-12T03:38:50	2005-03-12T03:52:11			
Read mode	TIMED	TIMED			

## 2.3 Aspect





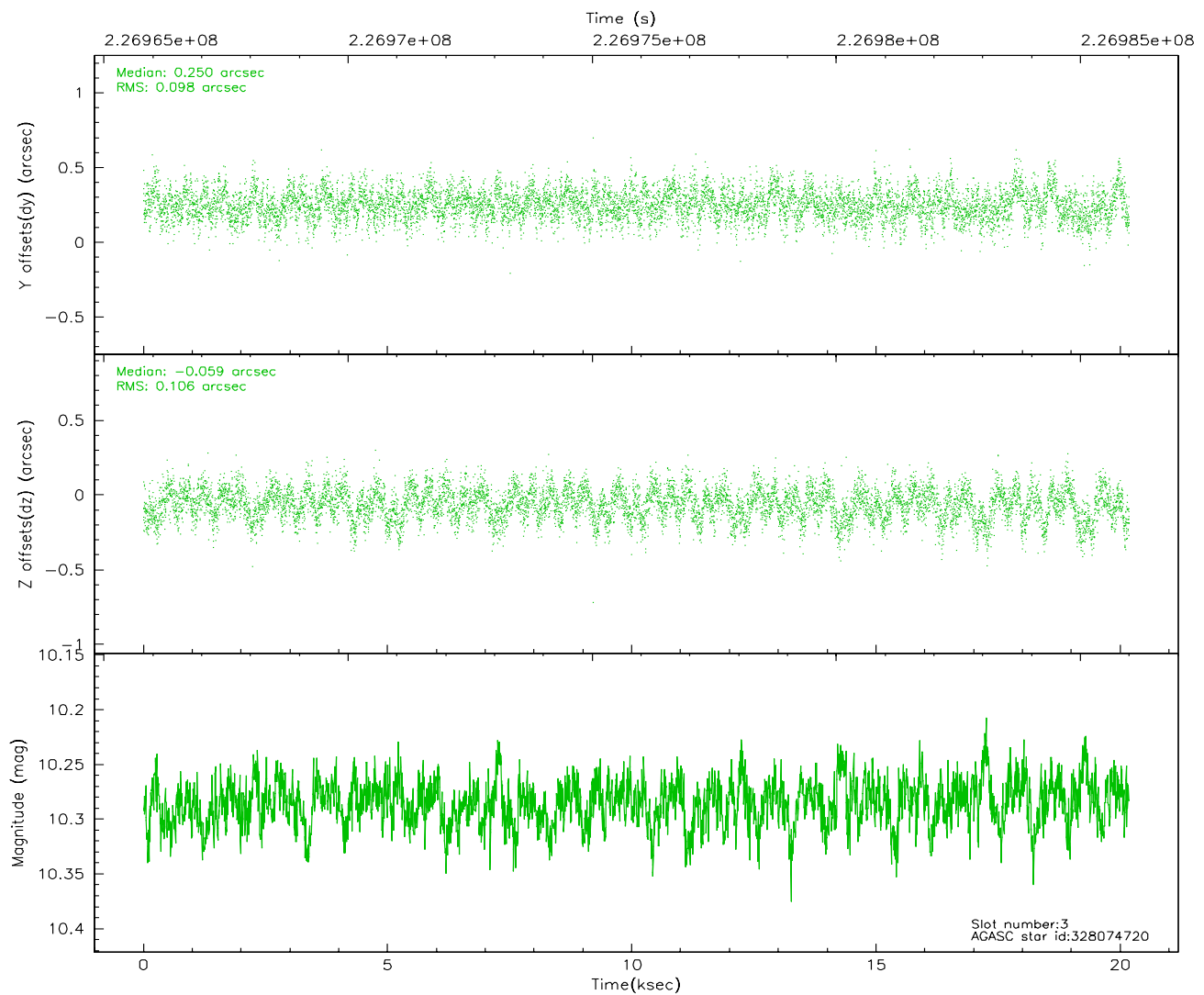
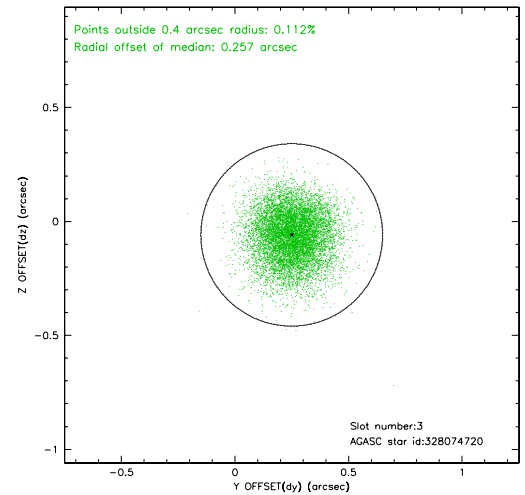
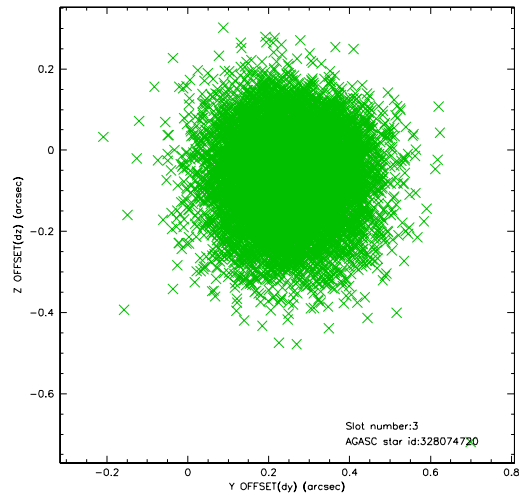
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	4923	0.079	-0.067	0.013	0.021	0.000000	0.000000	933.25	-992.63
1	FID	ACIS-I-5	7.22	4923	-0.201	0.078	0.013	0.024	0.000000	0.000000	-1815.02	904.88
2	FID	ACIS-I-6	7.25	4922	0.030	0.058	0.009	0.014	0.000000	0.000000	398.55	1549.58
3	GUIDE	328074720	10.29	9801	0.250	-0.059	0.155	0.247	150.340678	32.315122	2205.47	867.18
4	GUIDE	328075864	7.17	9845	-0.144	0.016	0.066	0.114	151.066991	32.452445	172.59	1861.06
5	GUIDE	328467856	10.17	9762	0.043	0.011	0.122	0.198	150.189196	32.850934	1351.36	-922.21
6	GUIDE	328468552	8.83	9840	-0.002	0.034	0.081	0.130	150.523277	33.036656	146.18	-809.85
7	GUIDE	328470232	8.38	9841	-0.146	-0.004	0.058	0.094	151.315325	33.229085	-2153.32	136.53

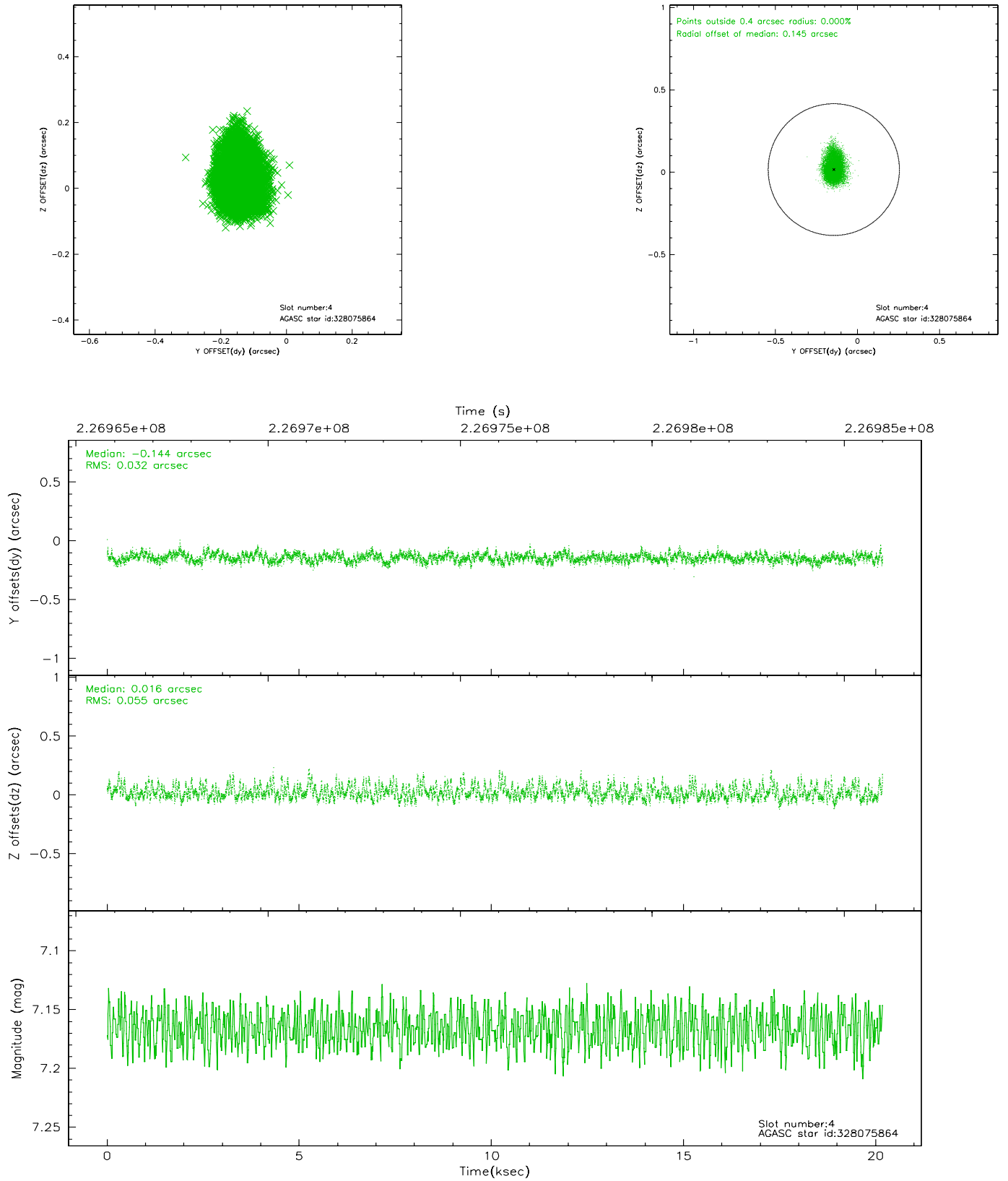


## 2.4 Star Slots

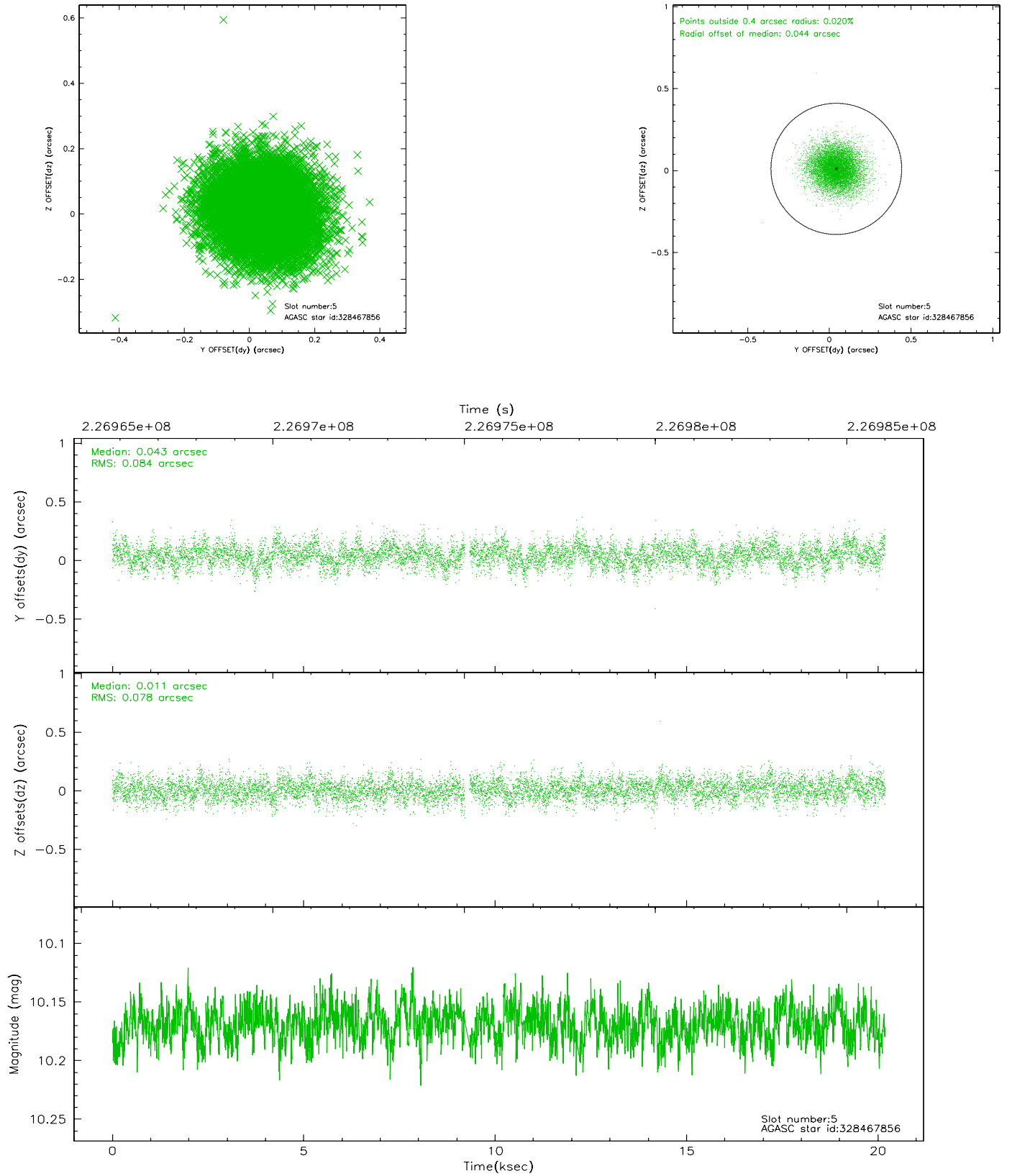
### 2.4.1 Slot 3



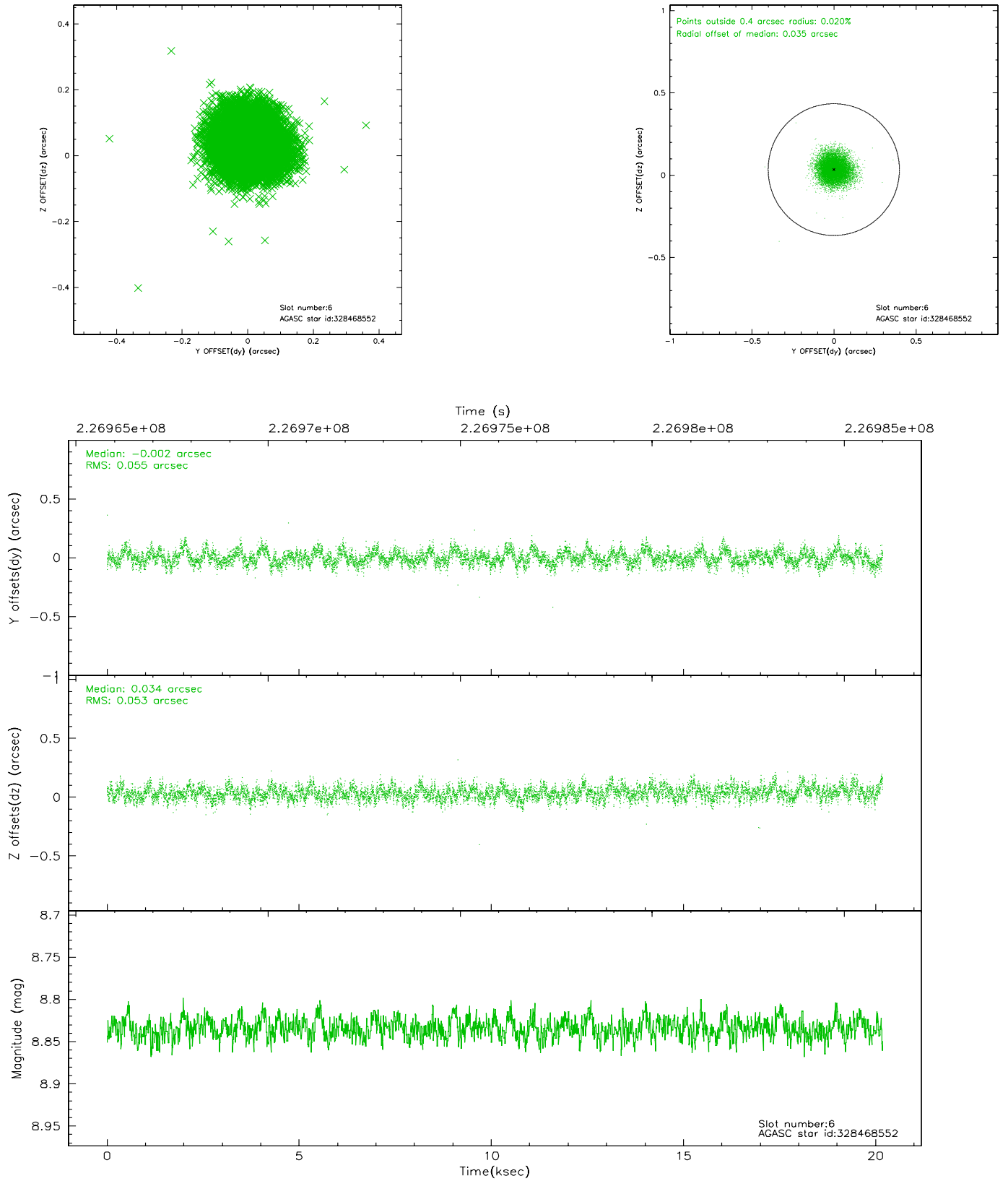
## 2.4.2 Slot 4



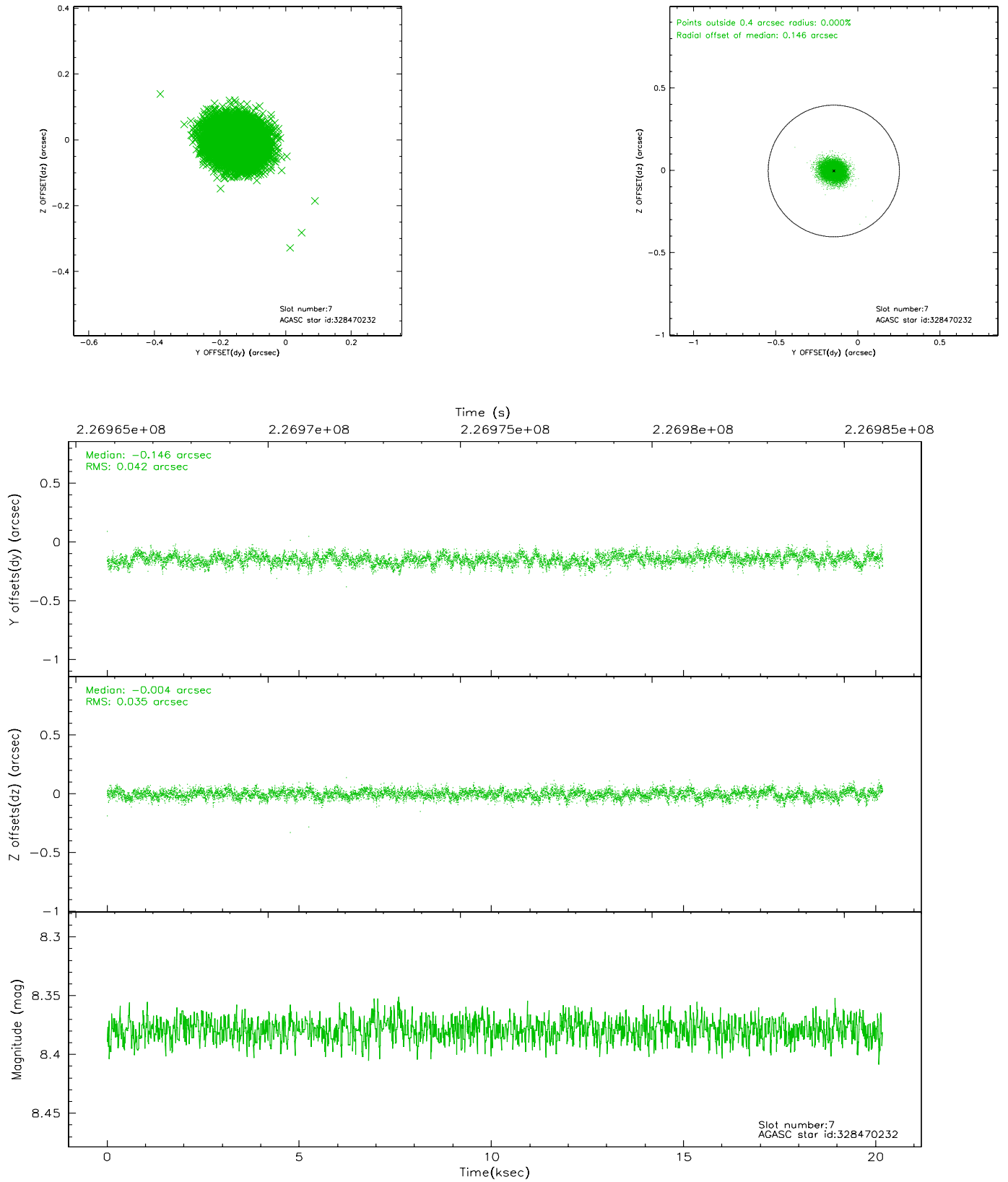
### 2.4.3 Slot 5



## 2.4.4 Slot 6

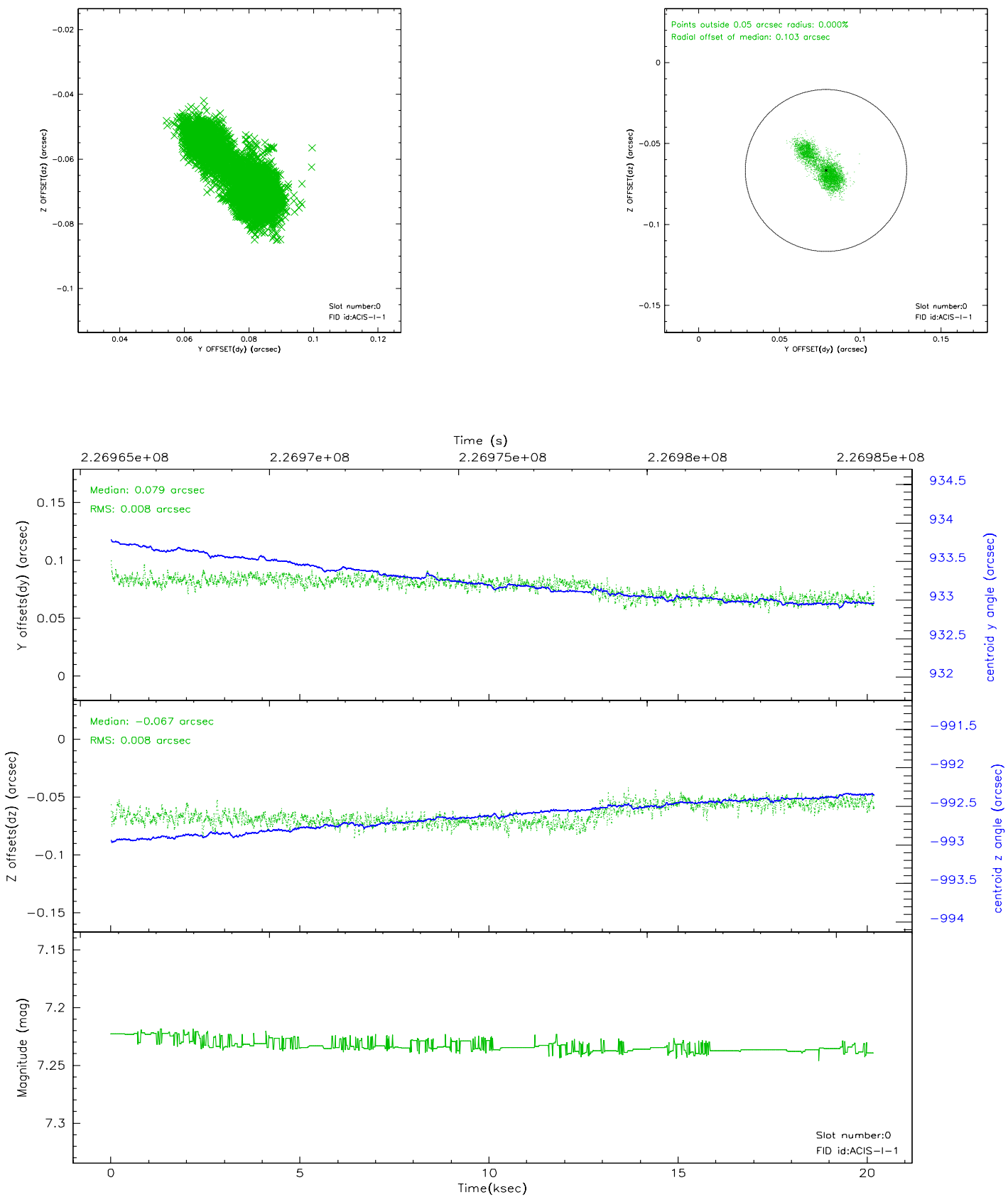


## 2.4.5 Slot 7

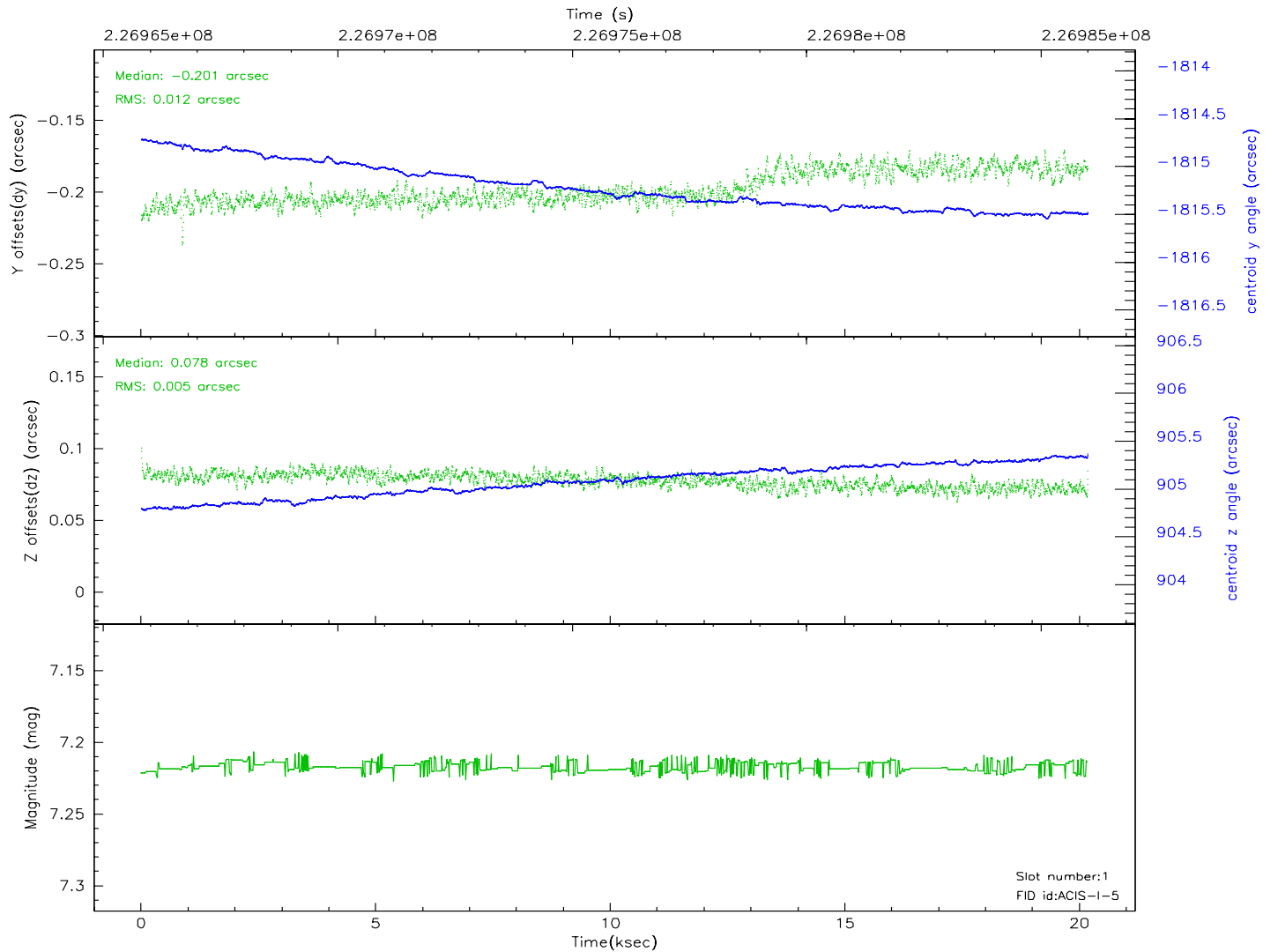
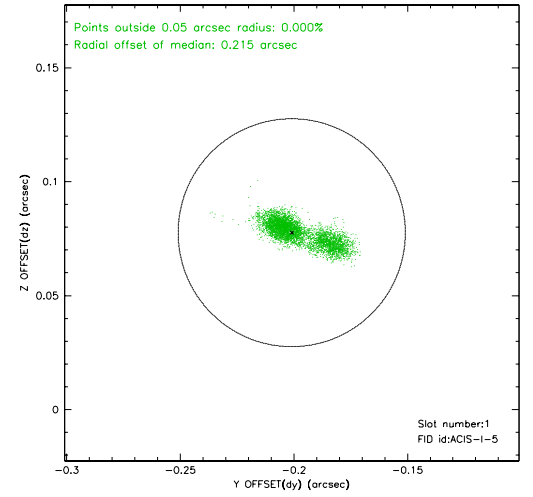
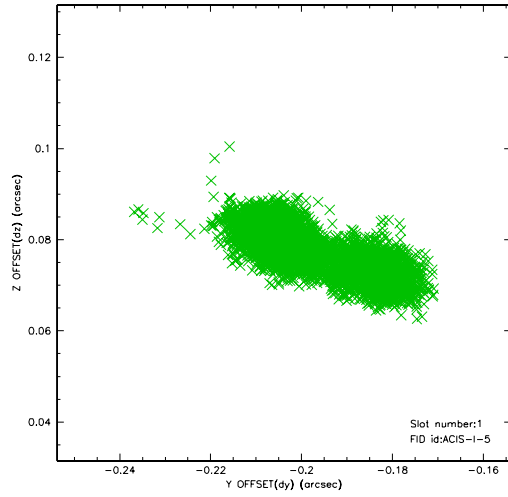


## 2.5 FID Slots

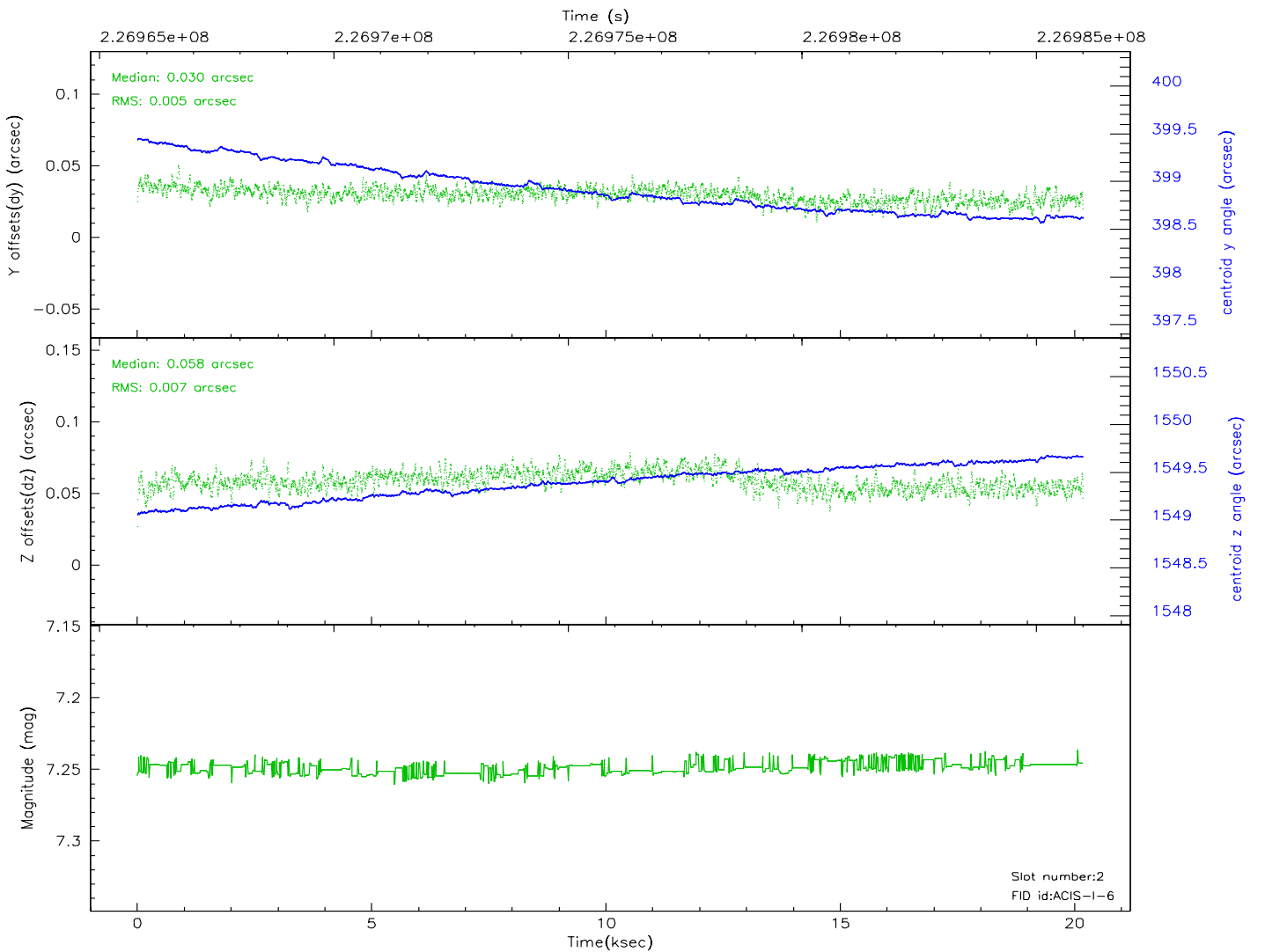
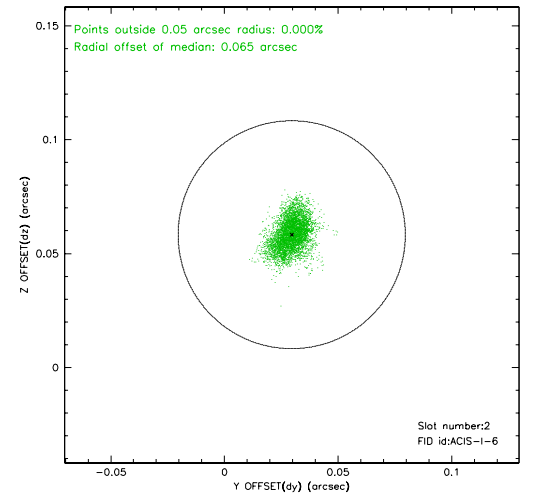
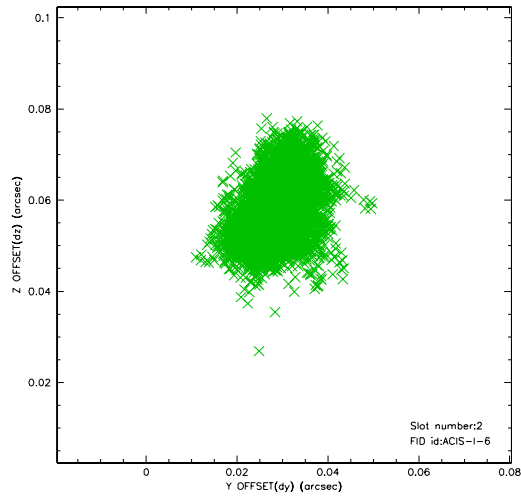
### 2.5.1 Slot 0



## 2.5.2 Slot 1

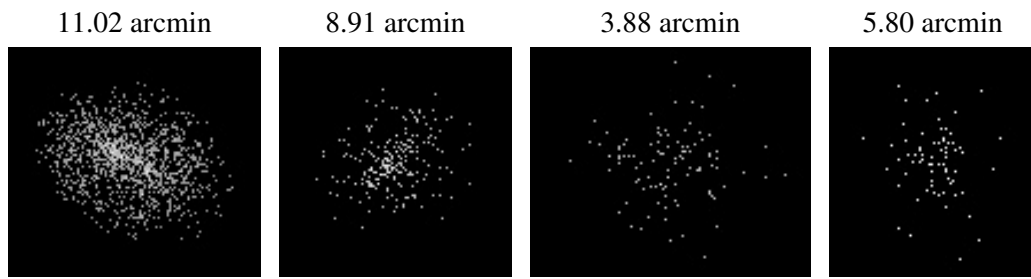


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.12197

### A.2 Comments