

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 6997 - L2 Version 002  
Chandra X-Ray Center

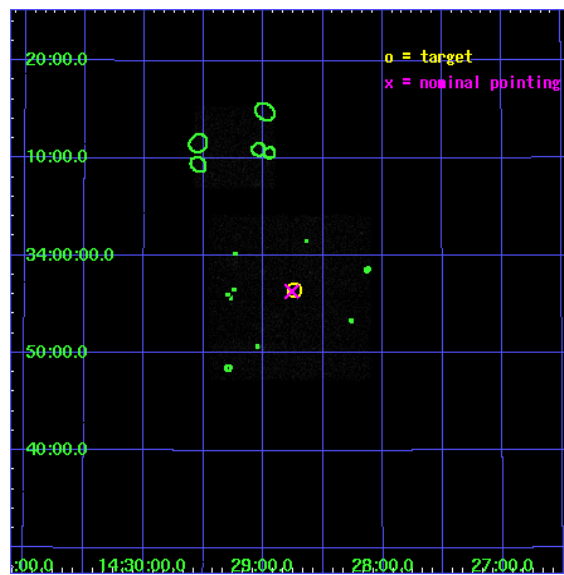
L2 Processing Date : Apr 4 2006

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# 1 Front

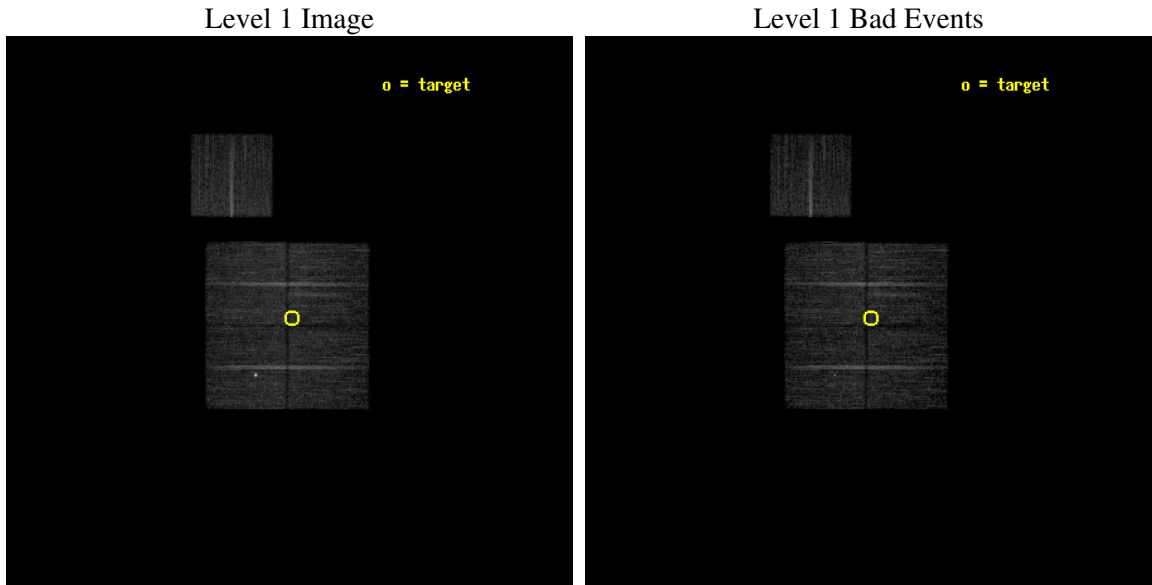
seq_num	900413
obs_id	6997
title	Chandra Large Scale Survey of the NOAO Bootes Deep Field (A)
observer	Dr. Stephen Murray
object	Bootes2 19
dtcycle	0
cycle	P
ra_targ	217.185167
dec_targ	33.940944
ra_nom	217.19027214793
dec_nom	33.939153374725
roll_nom	0.20582736212438
revision	2
ontime	9777.3999812007
livetime	9649.6510524292
ontime0	9777.3999812007
ontime1	9777.3999812007
ontime2	9774.2590109408
ontime3	9777.3999812007
ontime6	9777.3999812007
l2events	31823



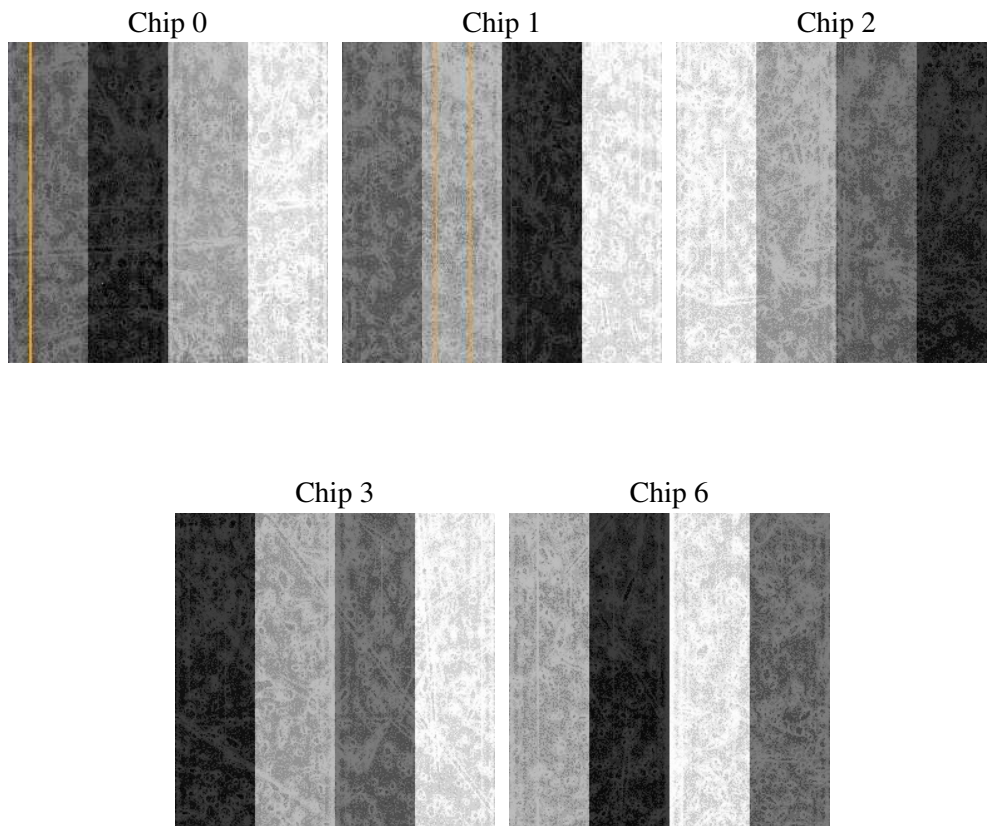
## 2 OBI

### 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	2006-04-04T16:15:03
revision	2

sched_exp_time	10000.000000
ontime	9781.0770111978
ontime0	9781.0770111978
ontime1	9781.0770111978
ontime2	9777.9360409379
ontime3	9781.0770111978
ontime6	9781.0770111978
l1events	307748

### 2.1.4 Events

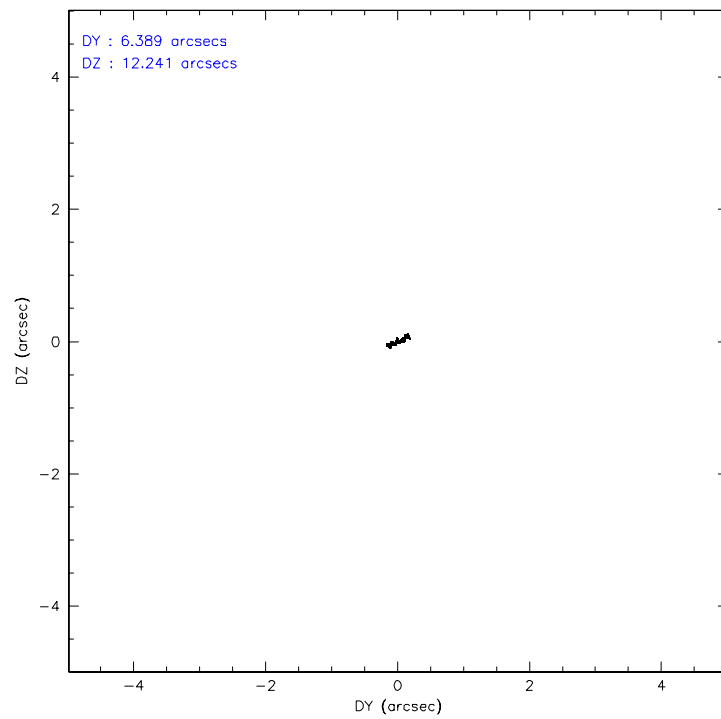
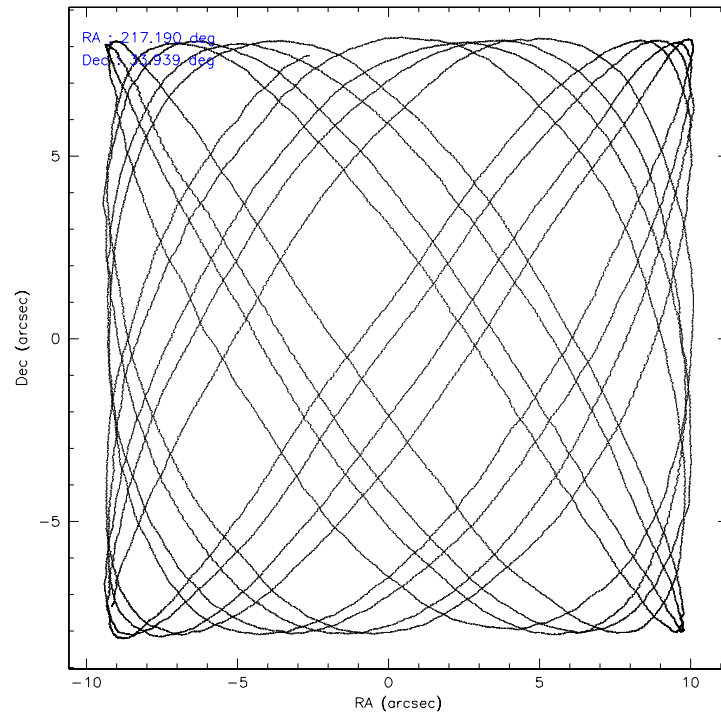
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	67222	55470	66575	59474	59007
rejected events	53768	49385	60460	53924	52952
rejected %	79%	89%	90%	90%	89%

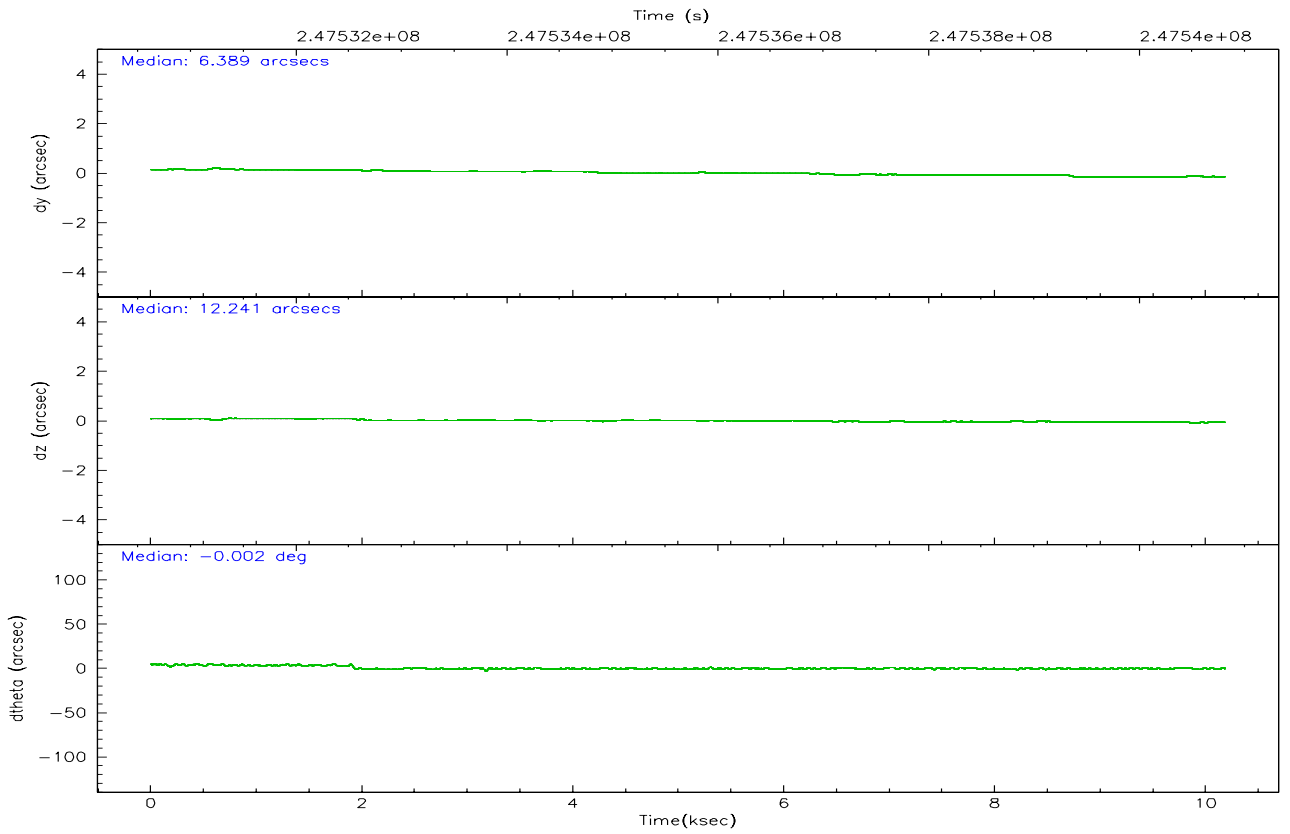
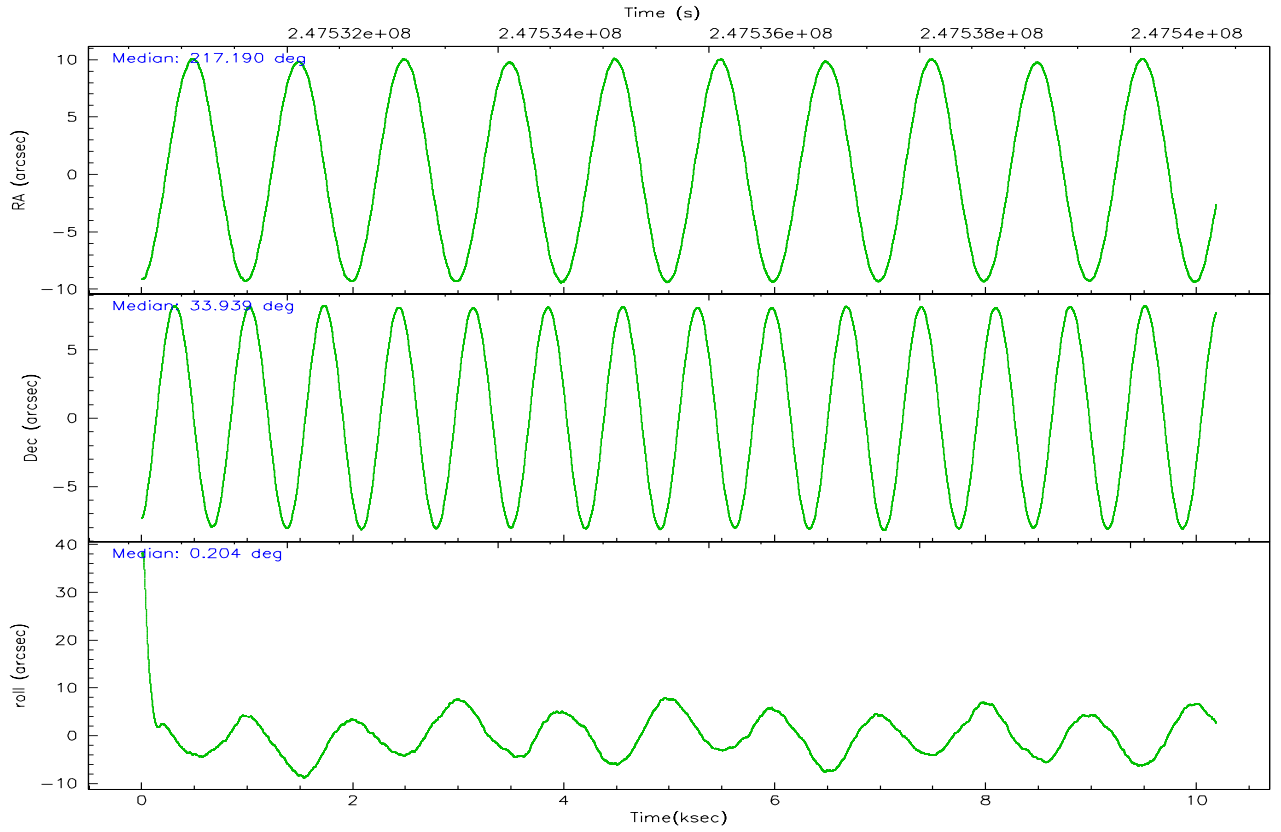
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	8081	2103	2440	2084	2192
	12%	3%	3%	3%	3%
grade 1 events	277	27	32	32	28
	0%	0%	0%	0%	0%
grade 2 events	2244	1299	1429	1201	1328
	3%	2%	2%	2%	2%
grade 3 events	972	718	616	625	756
	1%	1%	0%	1%	1%
grade 4 events	939	719	673	599	667
	1%	1%	1%	1%	1%
grade 5 events	1849	2022	1588	2125	1978
	2%	3%	2%	3%	3%
grade 6 events	1219	1248	957	1044	1115
	1%	2%	1%	1%	1%
grade 7 events	51641	47334	58840	51764	50943
	76%	85%	88%	87%	86%

## 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	217.161860	217.190272147931	Alternating exposures requested	N	N
Pointing Dec	33.925271	33.93915337472522	Primary exposure time	0.000000	3.1
Pointing Roll	0.013005	0.2058273621243804			
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	247530810.184000	247530434.18803			
Observation start date	2005-11-04T22:32:26	2005-11-04T22:27:14			
Observation end time	247540810.184000	247540944.53852			
Observation end date	2005-11-05T01:19:06	2005-11-05T01:22:24			
Read mode	TIMED	TIMED			

## 2.3 Aspect



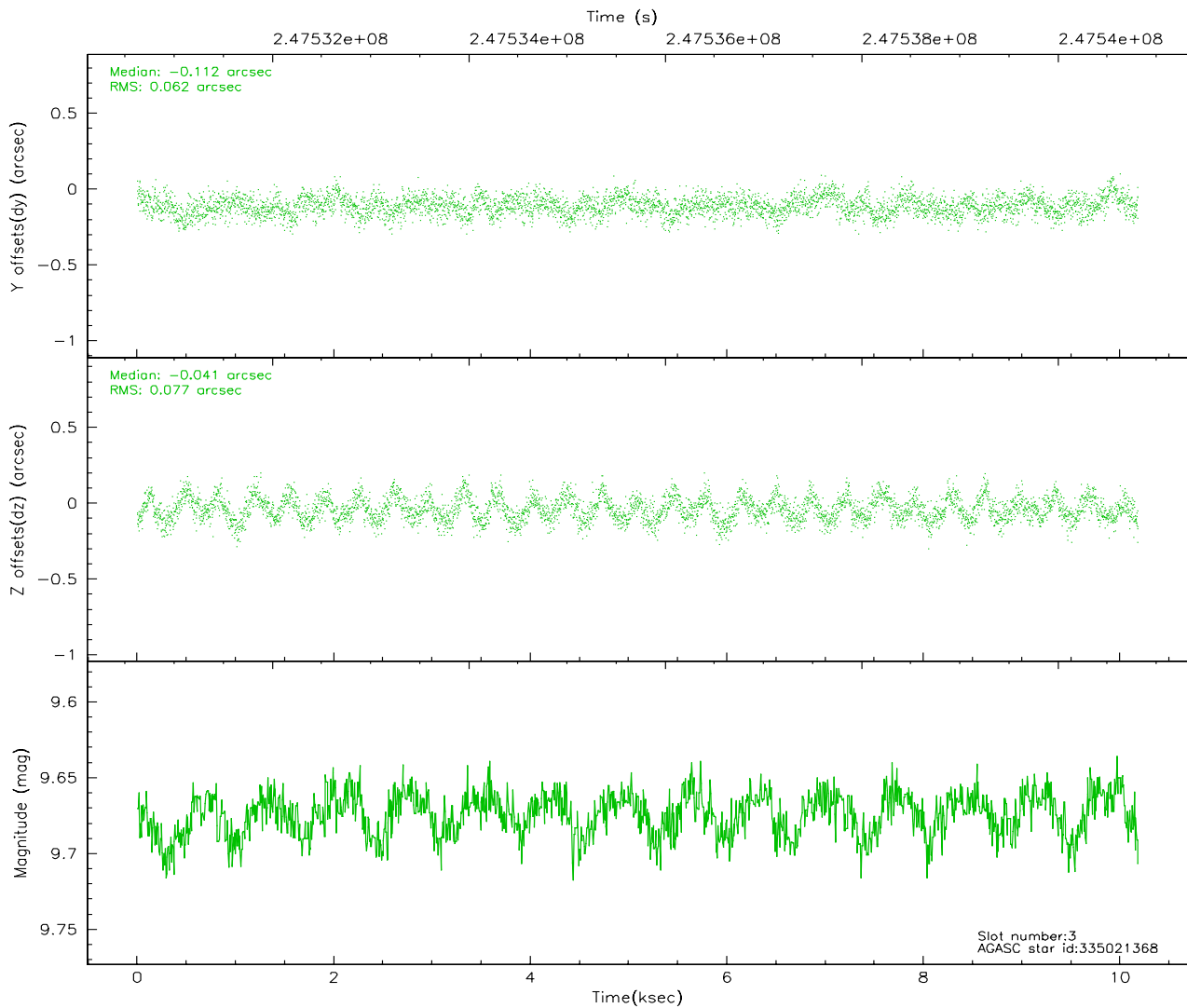
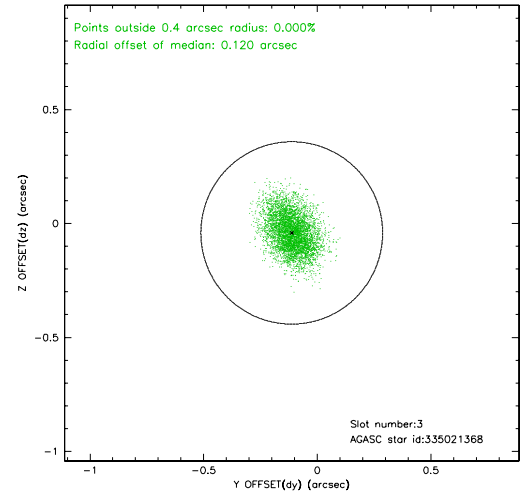
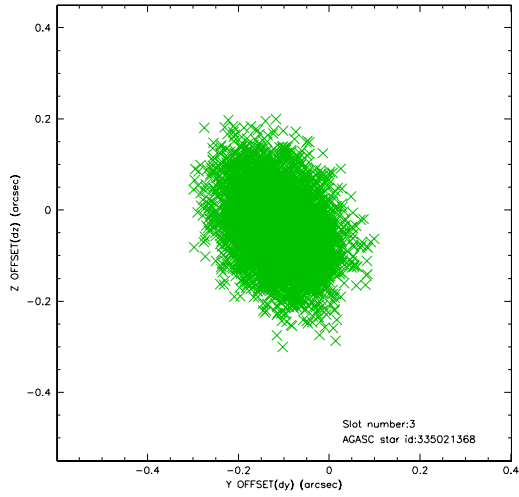


### Slot Statistics

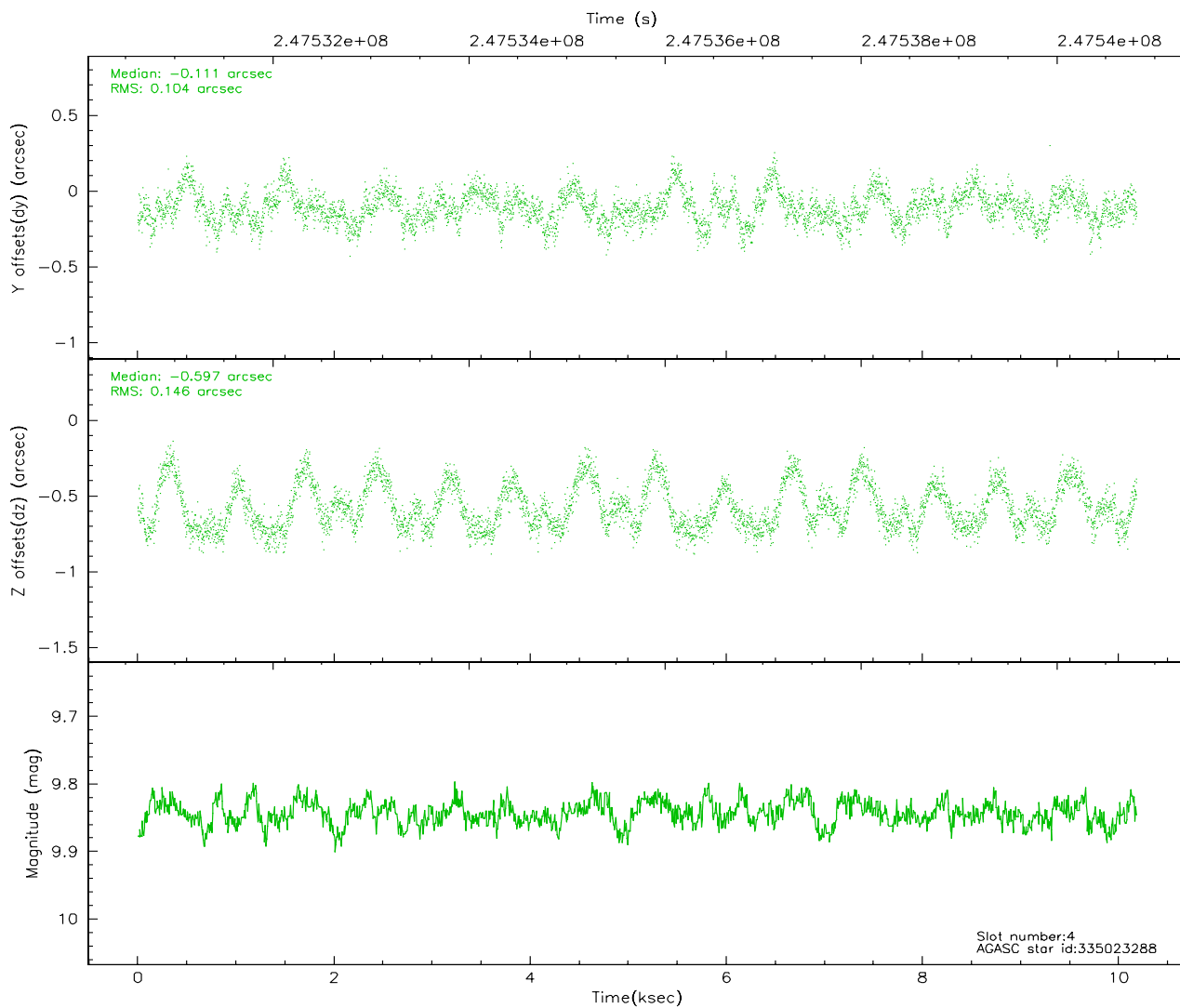
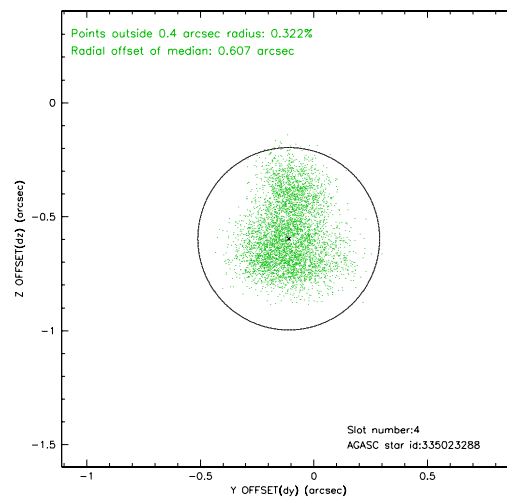
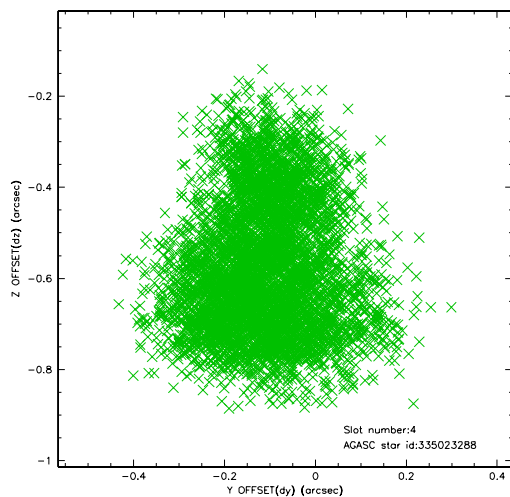
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2484	-0.016	-0.047	0.011	0.046	0.000000	0.000000	933.28	-835.82
1	FID	ACIS-I-4	7.18	2481	0.045	0.064	0.011	0.044	0.000000	0.000000	2153.69	1063.81
2	FID	ACIS-I-5	7.22	2484	-0.126	0.053	0.009	0.037	0.000000	0.000000	-1814.16	1062.28
3	GUIDE	335021368	9.67	4961	-0.112	-0.041	0.107	0.171	217.529643	33.934817	1098.78	36.13
4	GUIDE	335023288	9.84	4963	-0.111	-0.597	0.194	0.303	217.791365	34.425735	1870.22	1806.59
5	GUIDE	335025848	9.71	4966	0.089	0.335	0.131	0.211	217.530531	33.778292	1103.91	-526.63
6	GUIDE	335028240	9.16	4969	0.368	0.142	0.102	0.164	216.746851	33.385009	-1247.33	-1941.93
7	GUIDE	335028696	9.17	4966	-0.230	0.126	0.102	0.167	217.260519	33.844112	294.82	-292.30

## 2.4 Star Slots

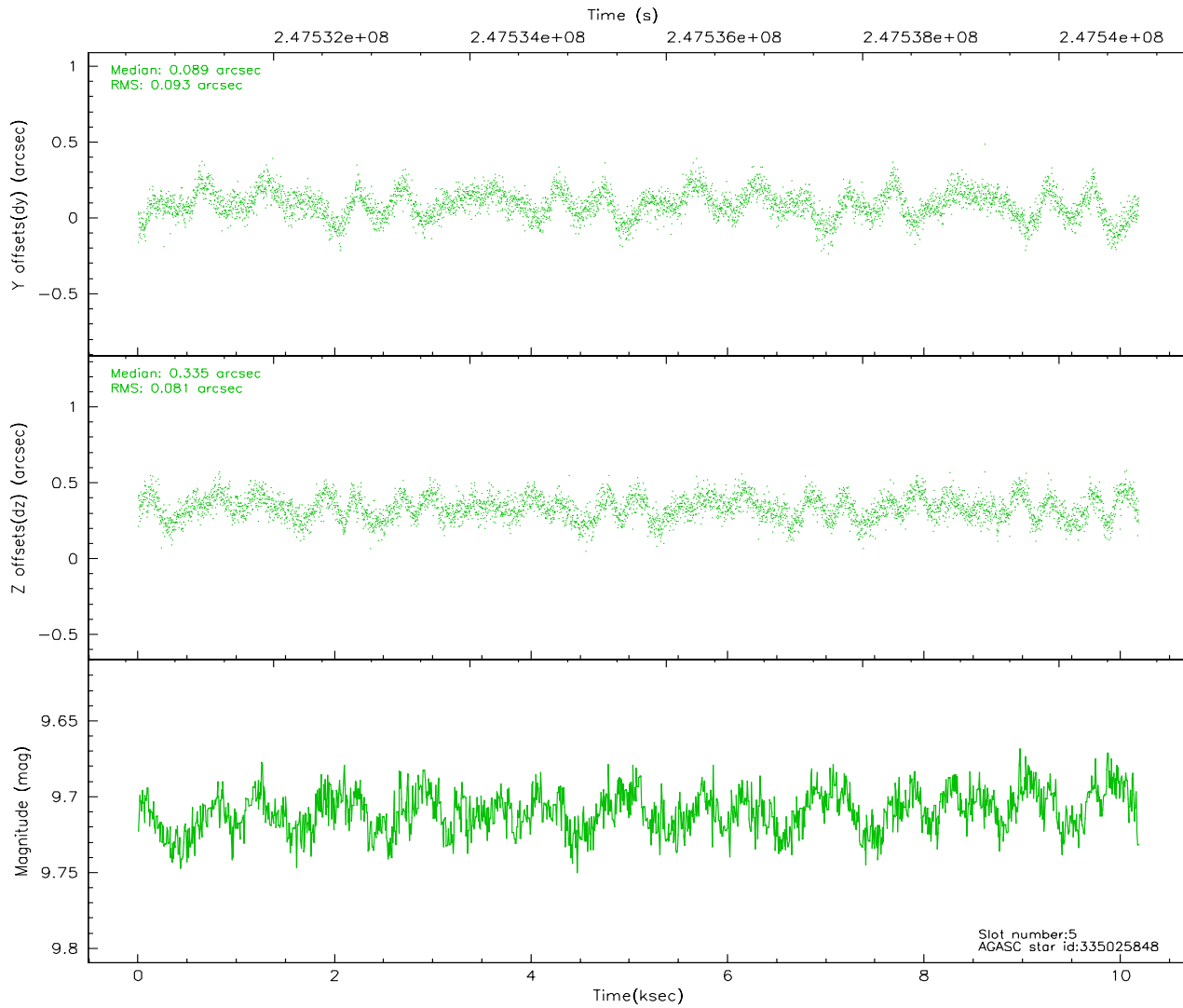
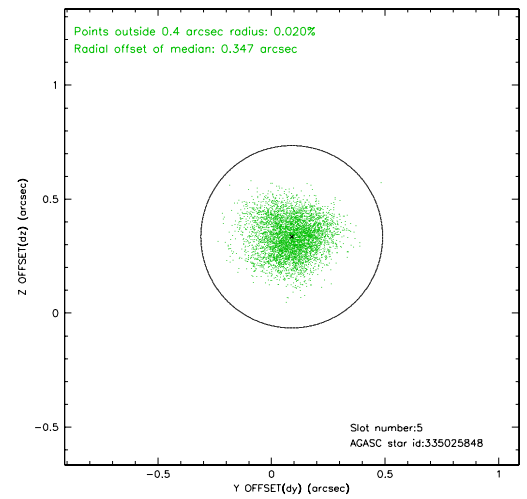
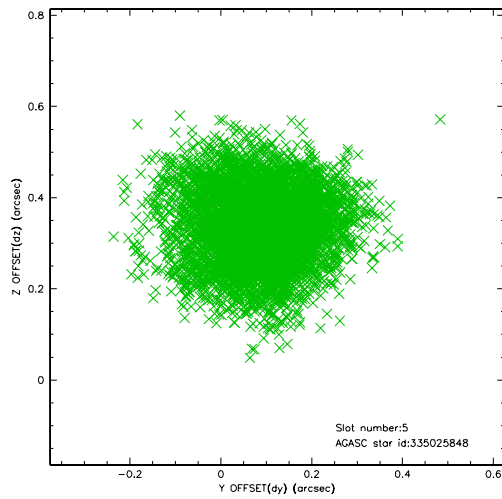
### 2.4.1 Slot 3



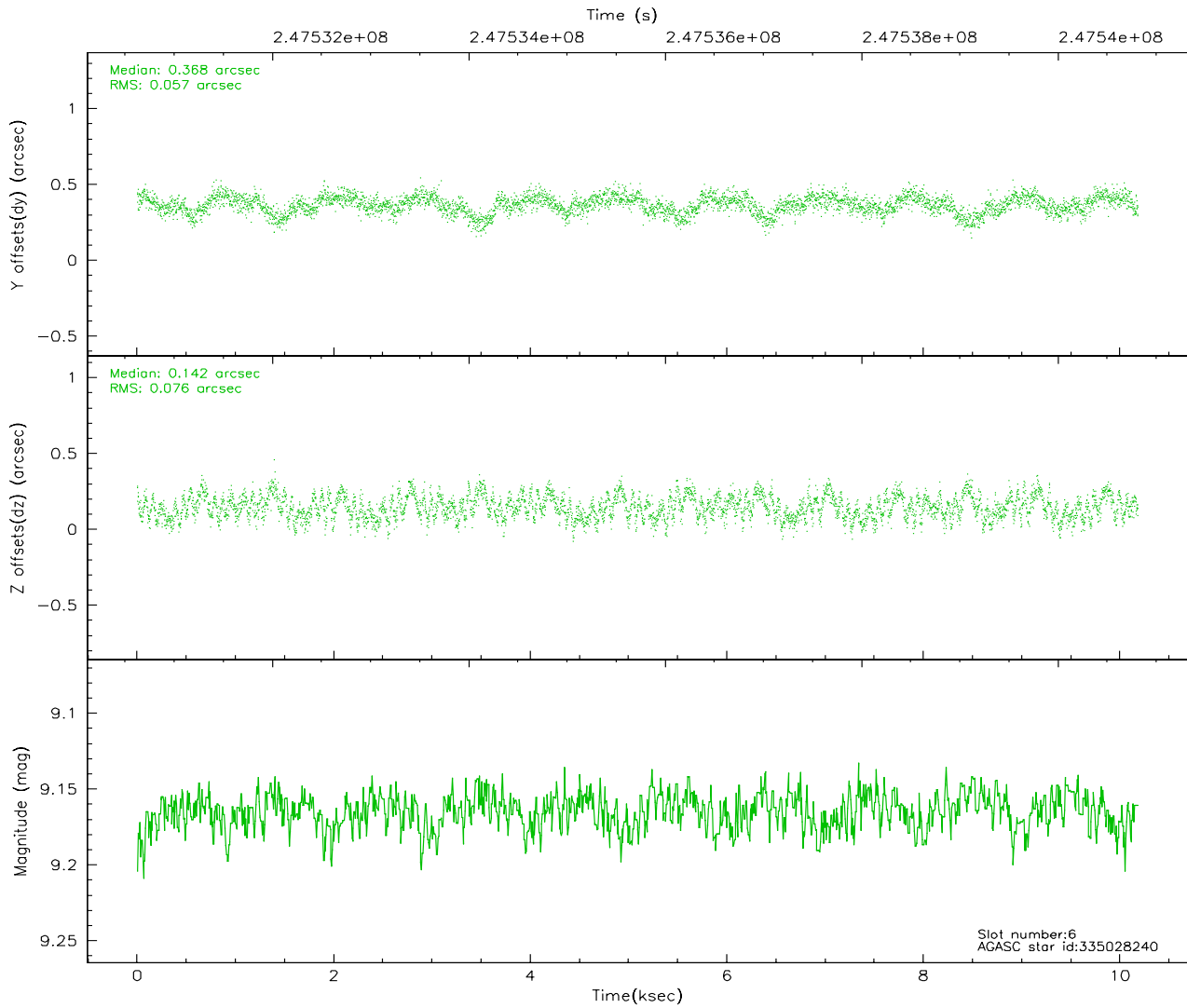
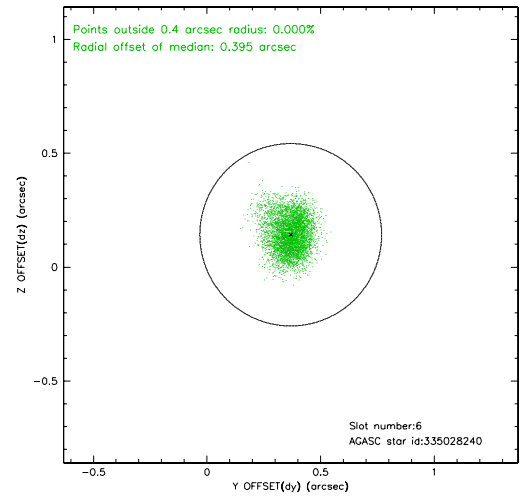
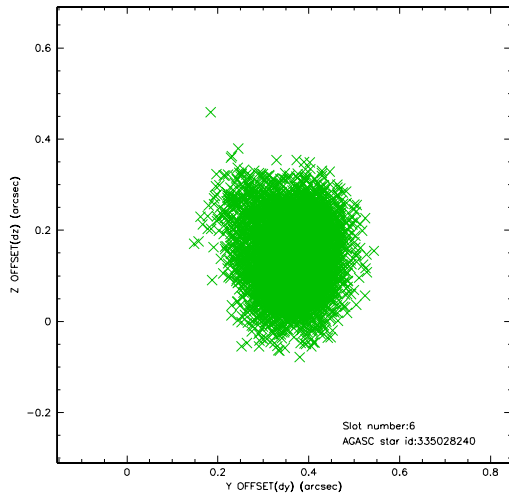
## 2.4.2 Slot 4



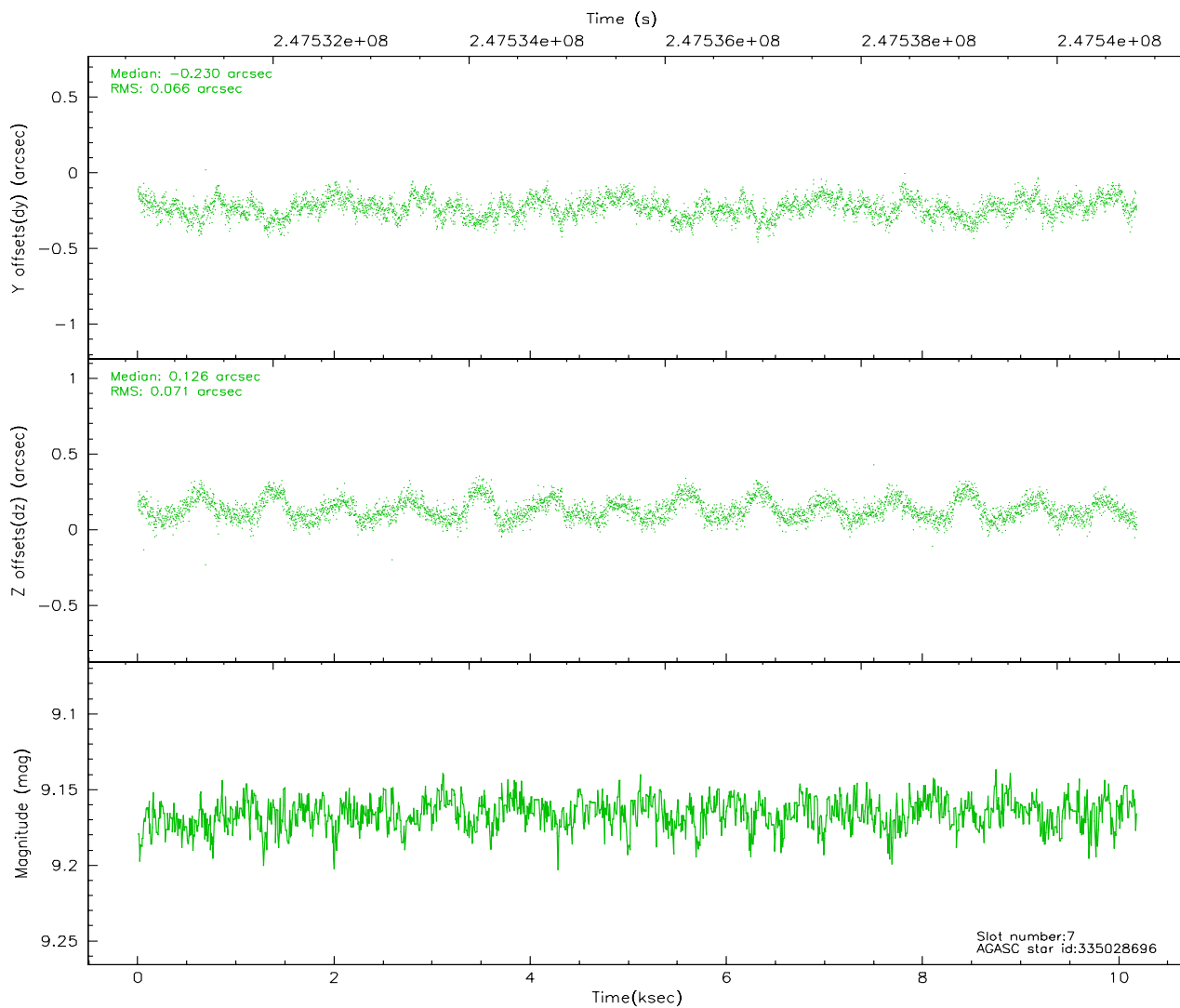
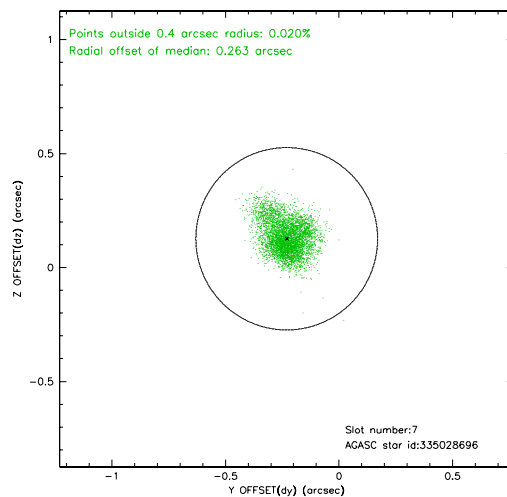
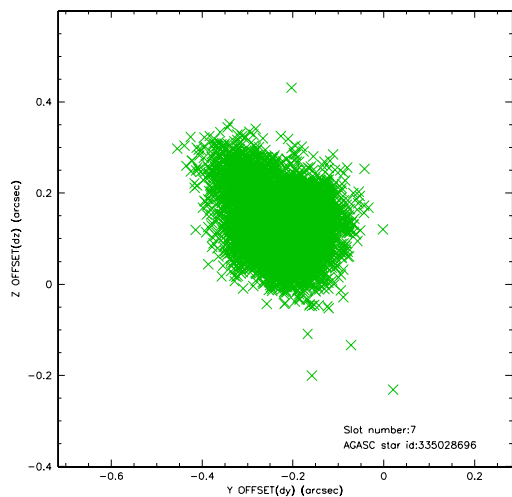
### 2.4.3 Slot 5



### 2.4.4 Slot 6

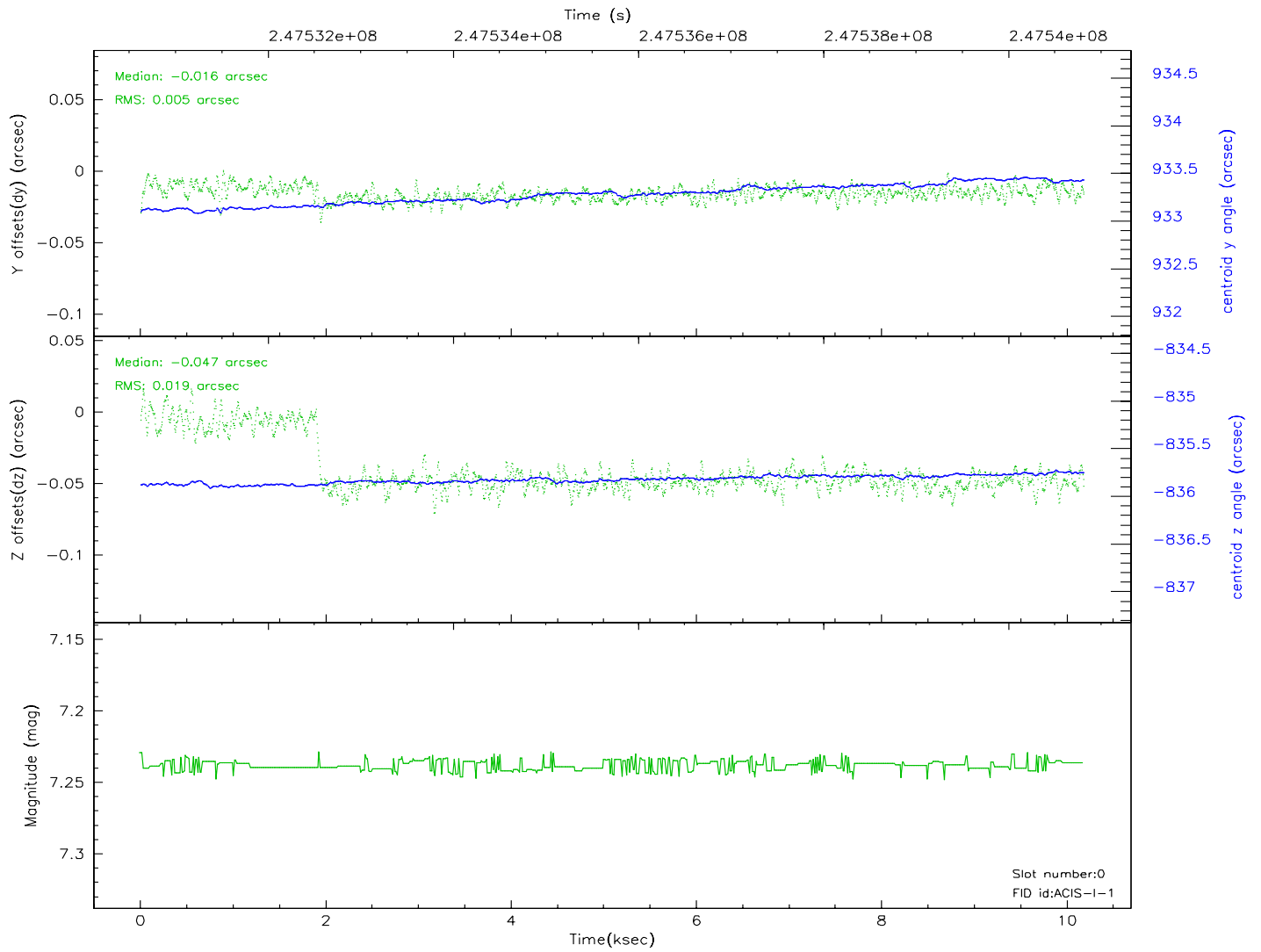
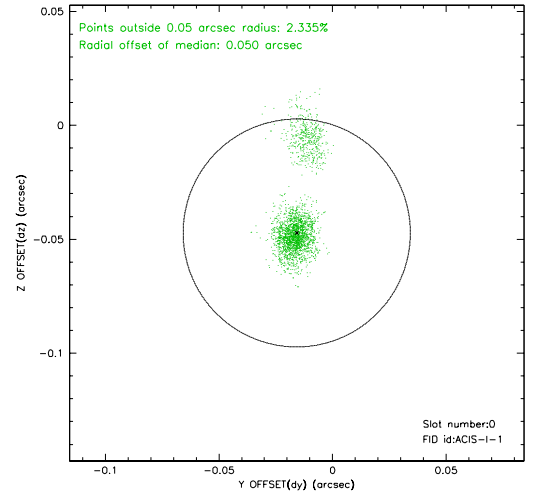
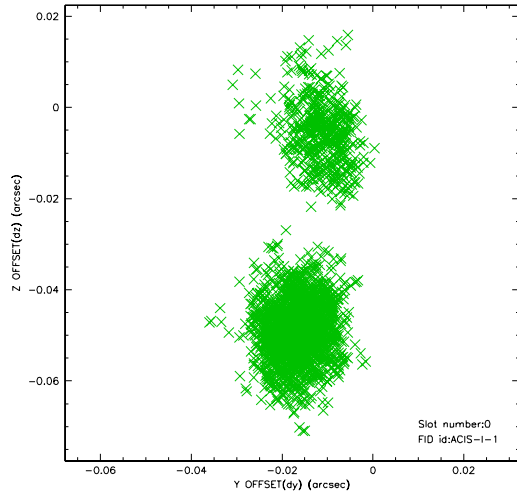


## 2.4.5 Slot 7

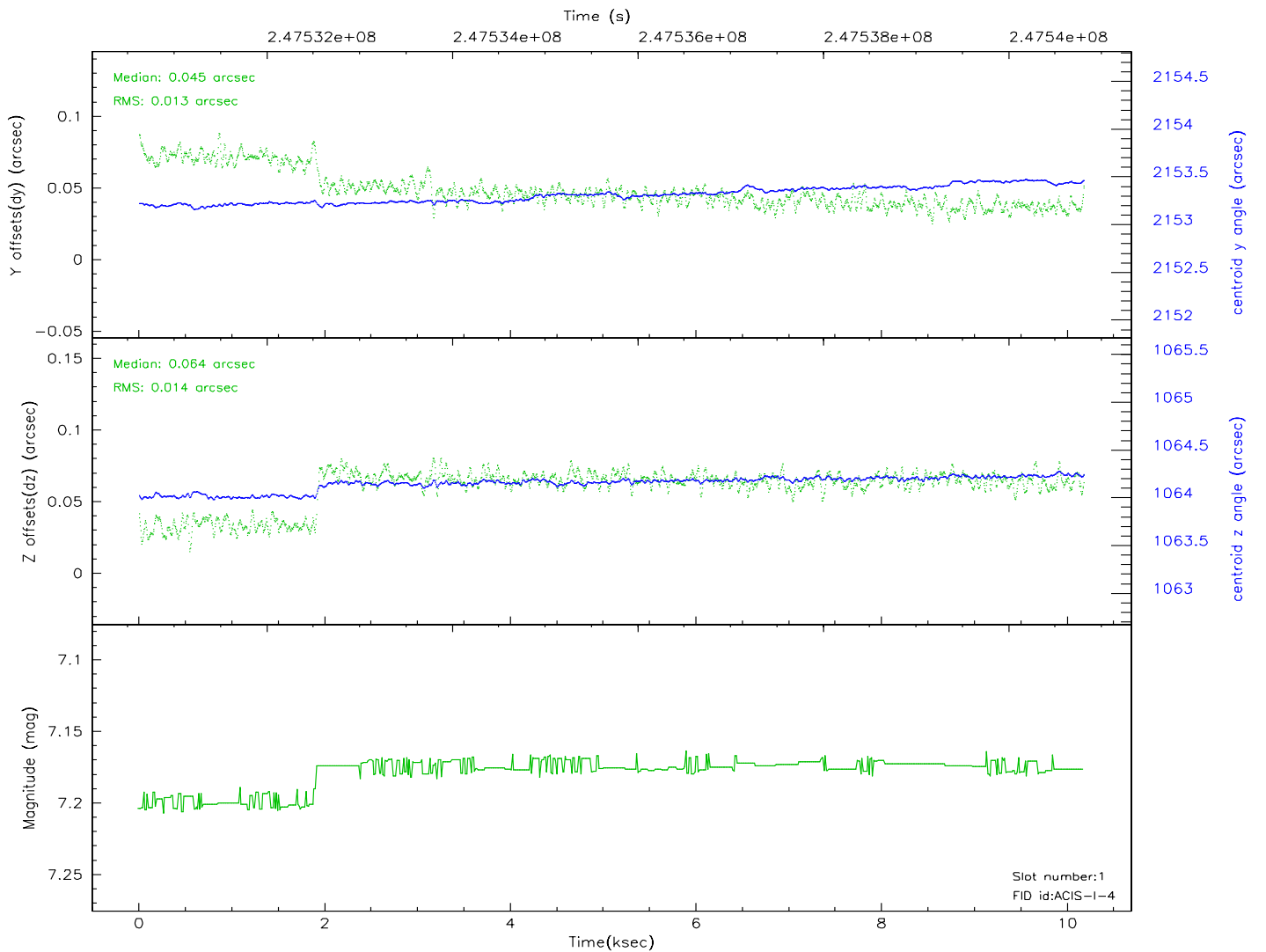
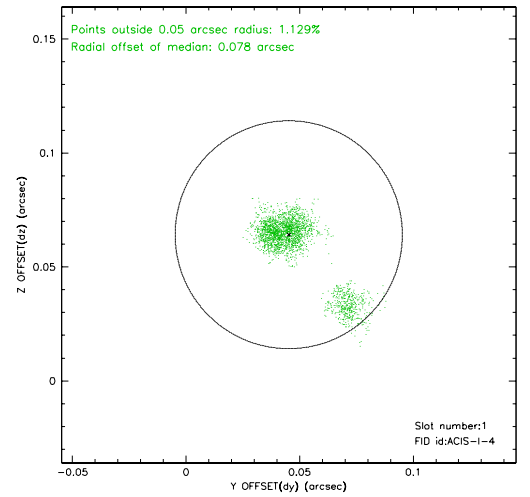
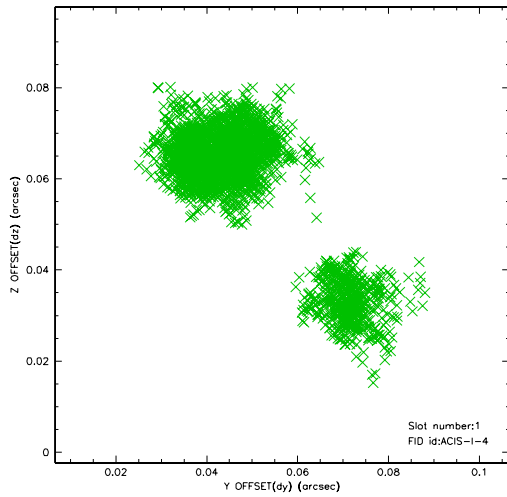


## 2.5 FID Slots

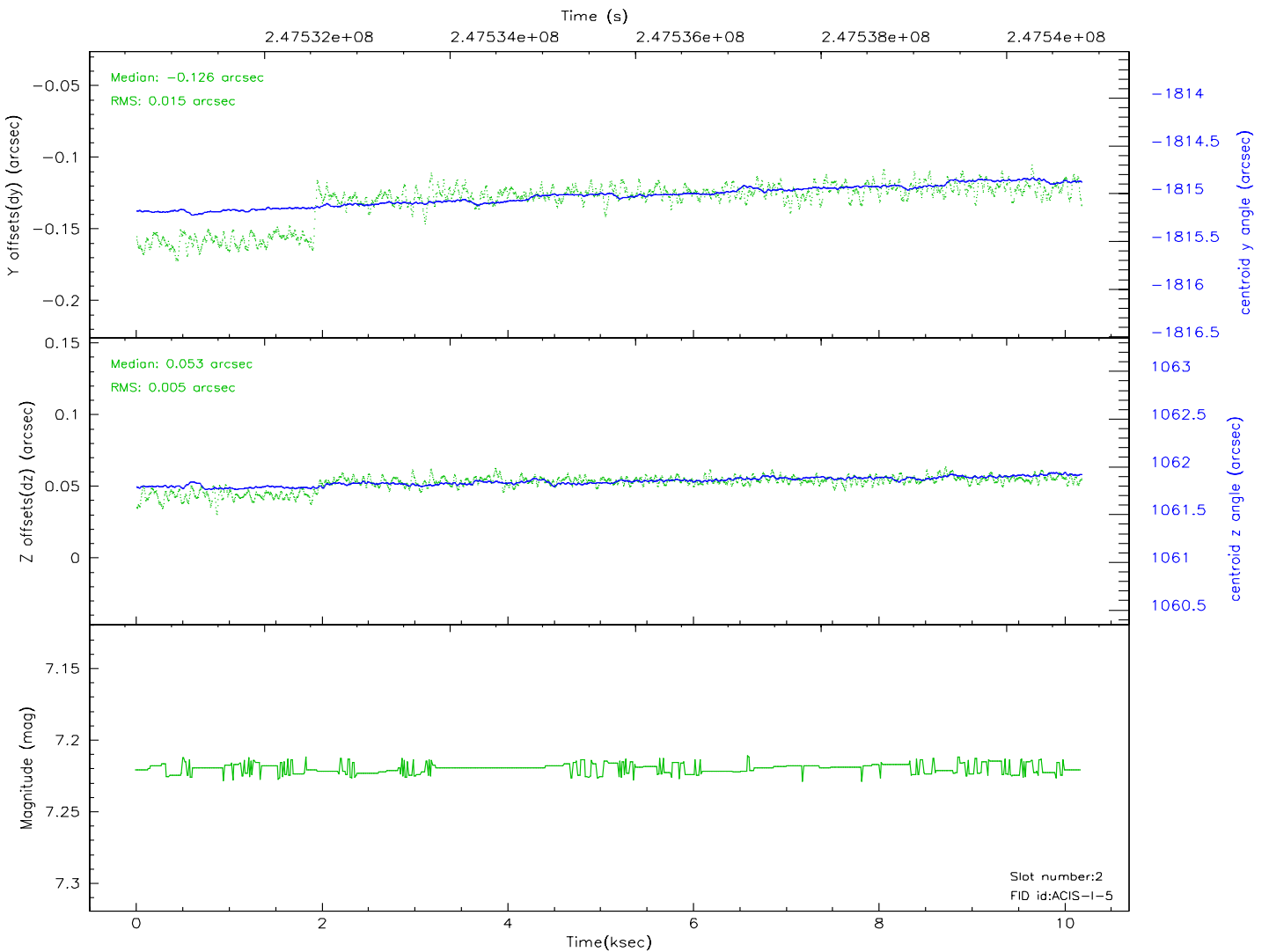
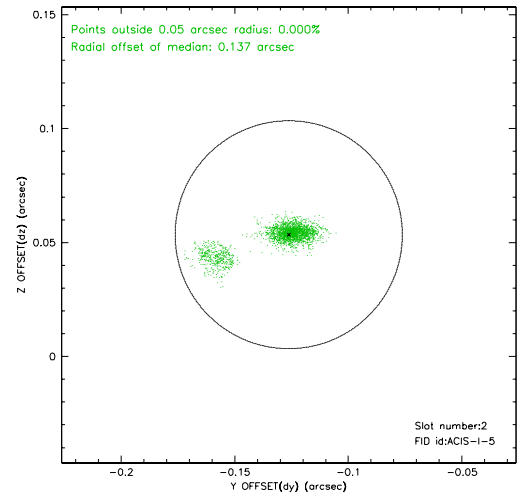
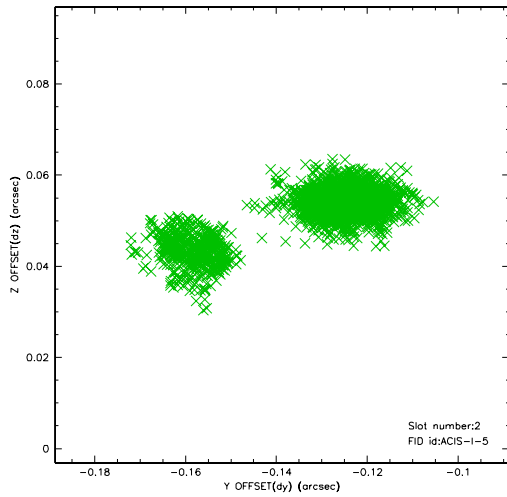
### 2.5.1 Slot 0



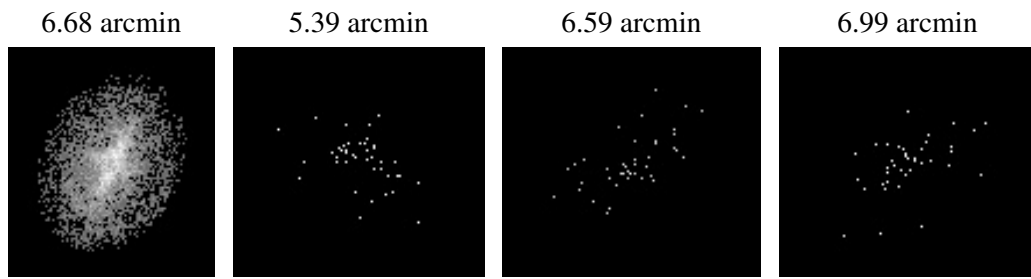
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.777399

## A.2 Comments