

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 4279 - L2 Version 001  
Chandra X-Ray Center

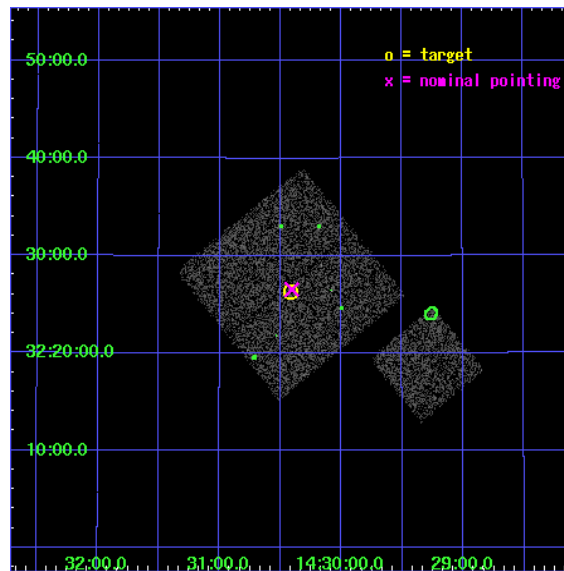
L2 Processing Date : Jul 29 2006

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# 1 Front

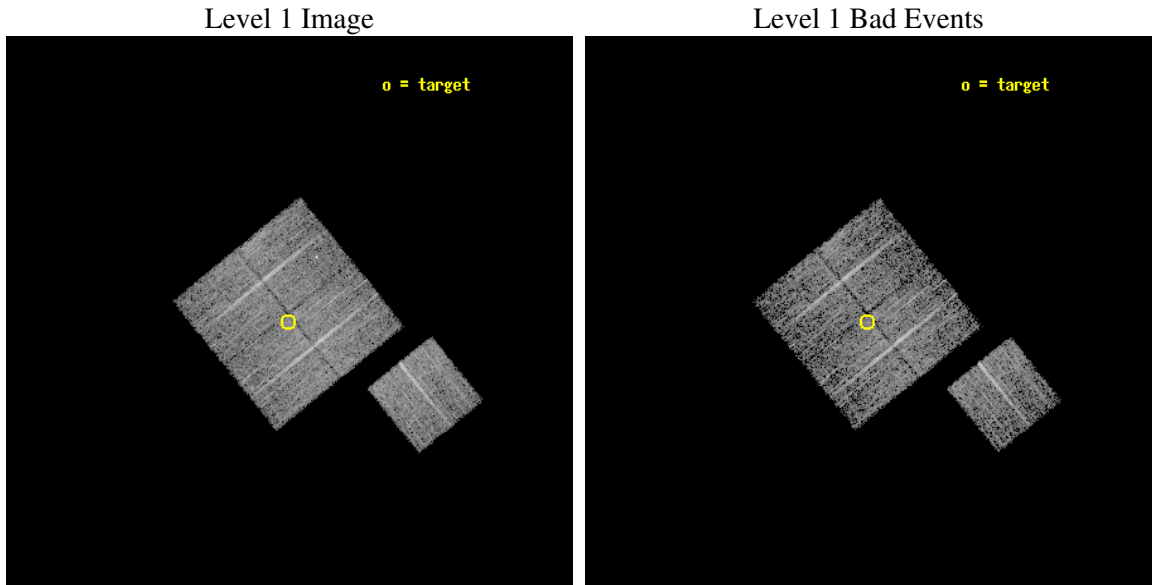
seq_num	900322
obs_id	4279
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS57
dtcycle	0
cycle	P
ra_targ	217.604097
dec_targ	32.438448
ra_nom	217.60145851212
dec_nom	32.442501674429
roll_nom	141.01011590517
revision	2
ontime	5021.999990344
livetime	4956.3838633276
ontime0	5021.999990344
ontime1	5021.999990344
ontime2	5021.999990344
ontime3	5021.999990344
ontime6	5021.999990344
l2events	16032



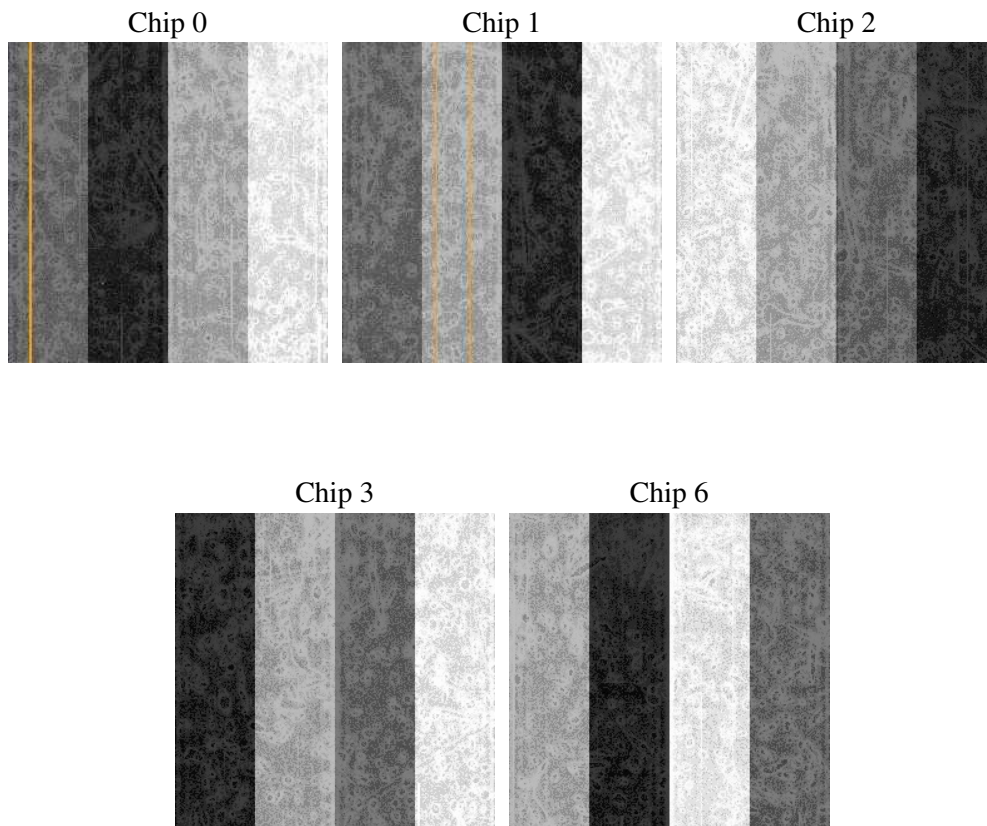
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-29T20:31:44
revision	2

sched_exp_time	4900.000000
ontime	5025.6171121895
ontime0	5025.6171121895
ontime1	5025.6171320677
ontime2	5025.6171320677
ontime3	5025.6171121895
ontime6	5025.6171121895
l1events	152797

### 2.1.4 Events

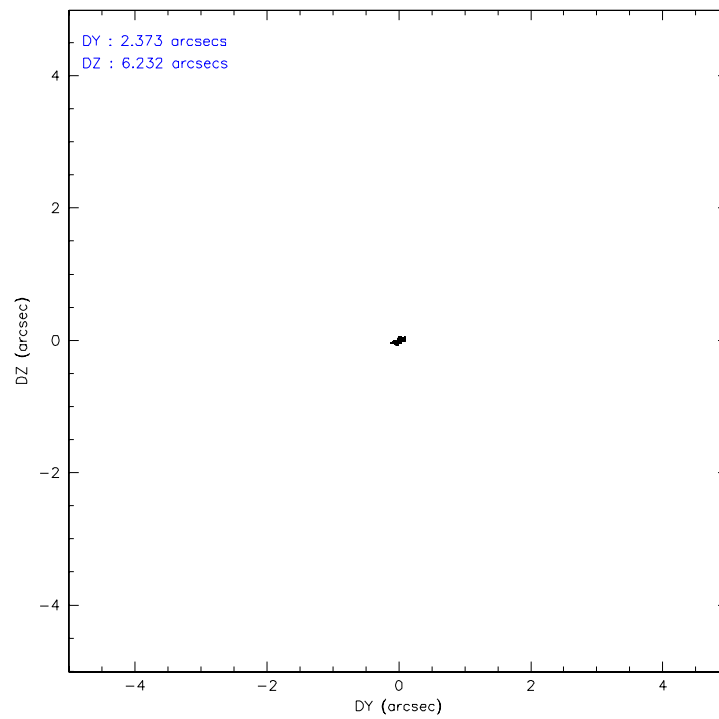
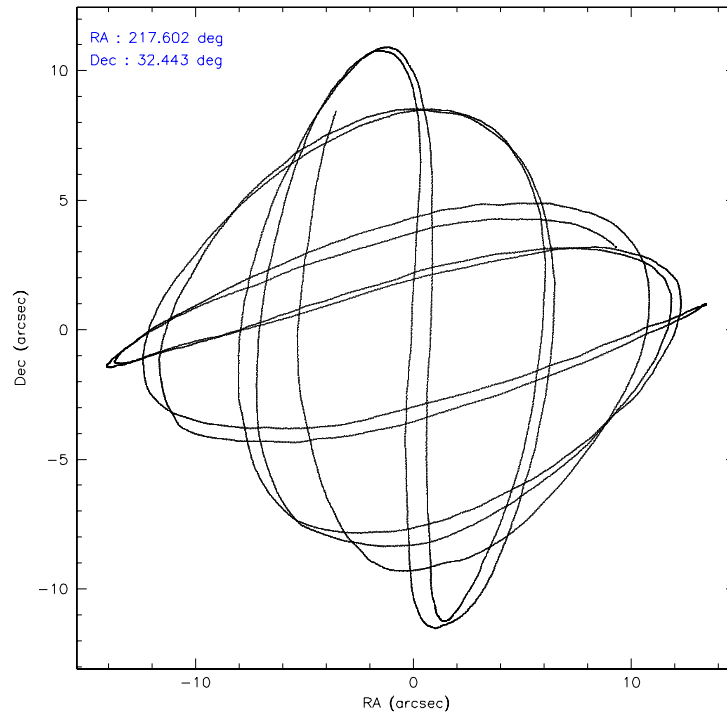
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	29212	28431	32181	31015	31958
rejected events	25288	24559	28535	27394	28400
rejected %	86%	86%	88%	88%	88%

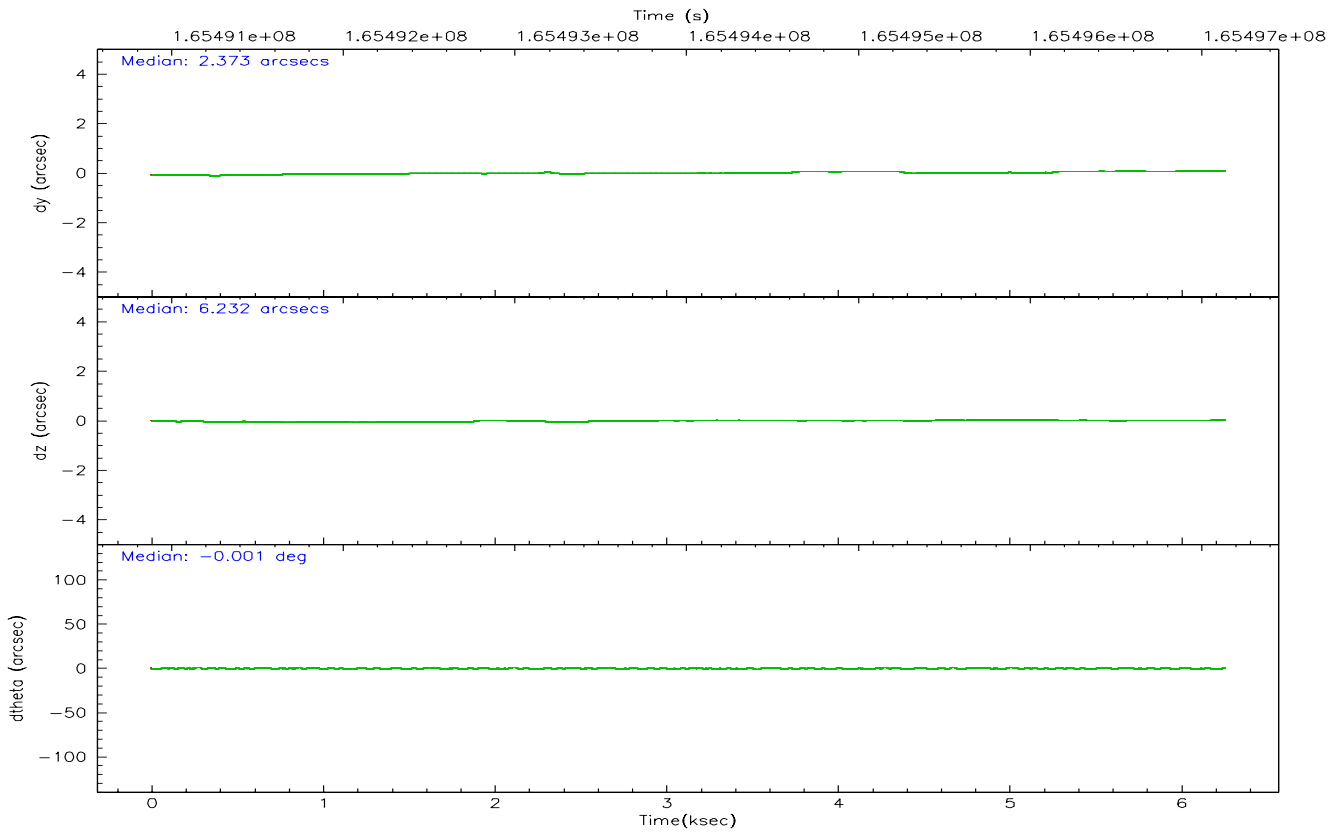
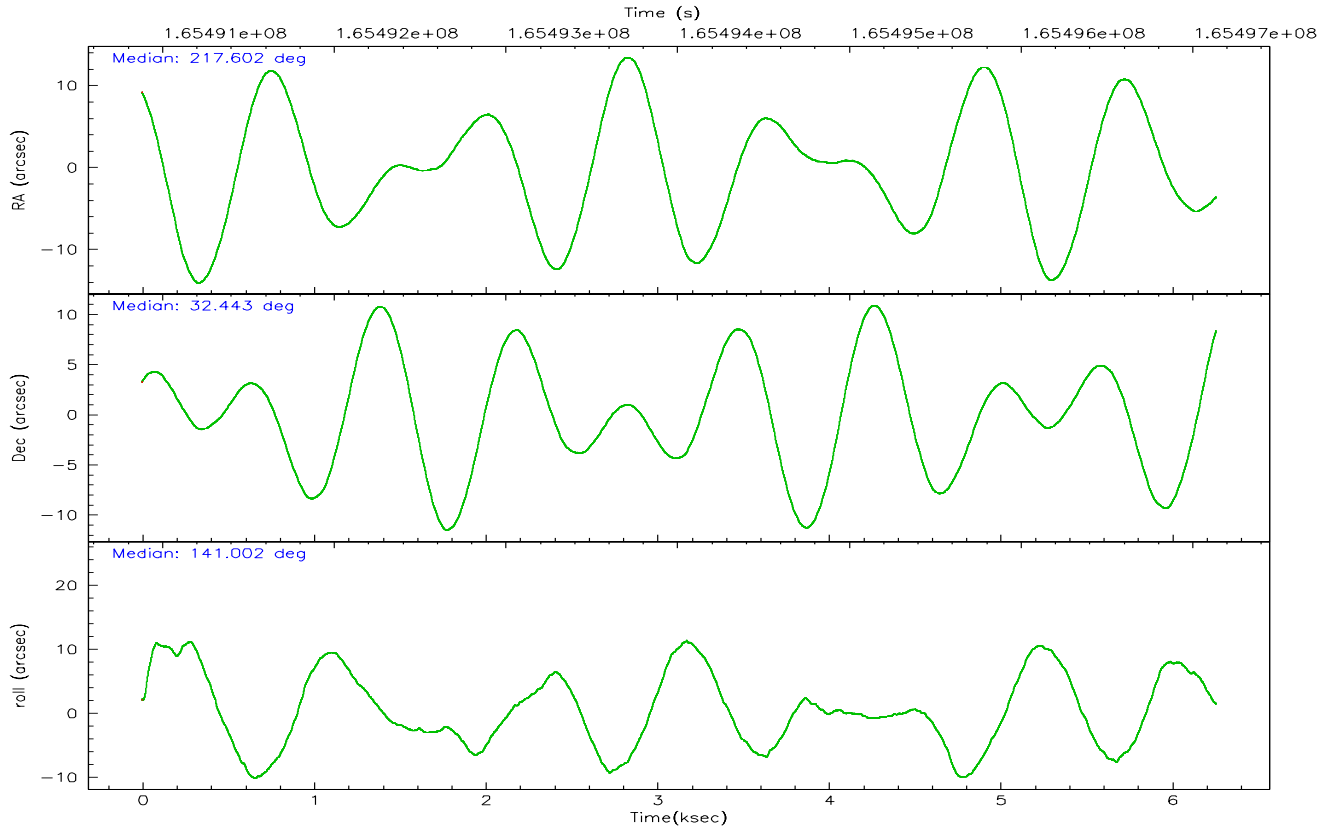
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1810	1474	1659	1583	1375
	6%	5%	5%	5%	4%
grade 1 events	14	18	15	15	11
	0%	0%	0%	0%	0%
grade 2 events	797	854	723	737	771
	2%	3%	2%	2%	2%
grade 3 events	372	382	326	355	348
	1%	1%	1%	1%	1%
grade 4 events	338	392	338	335	366
	1%	1%	1%	1%	1%
grade 5 events	1216	1270	1180	1334	1388
	4%	4%	3%	4%	4%
grade 6 events	611	771	605	614	700
	2%	2%	1%	1%	2%
grade 7 events	24054	23270	27335	26042	26999
	82%	81%	84%	83%	84%

## 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	217.633579	217.6014585121212	Alternating exposures requested	N	N
Pointing Dec	32.438361	32.44250167442861	Primary exposure time	0.000000	3.1
Pointing Roll	140.784183	141.0101159051693			
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	165492234.184000	165490688.22916			
Observation start date	2003-03-31T10:02:50	2003-03-31T09:38:08			
Observation end time	165497134.184000	165497267.70444			
Observation end date	2003-03-31T11:24:30	2003-03-31T11:27:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect



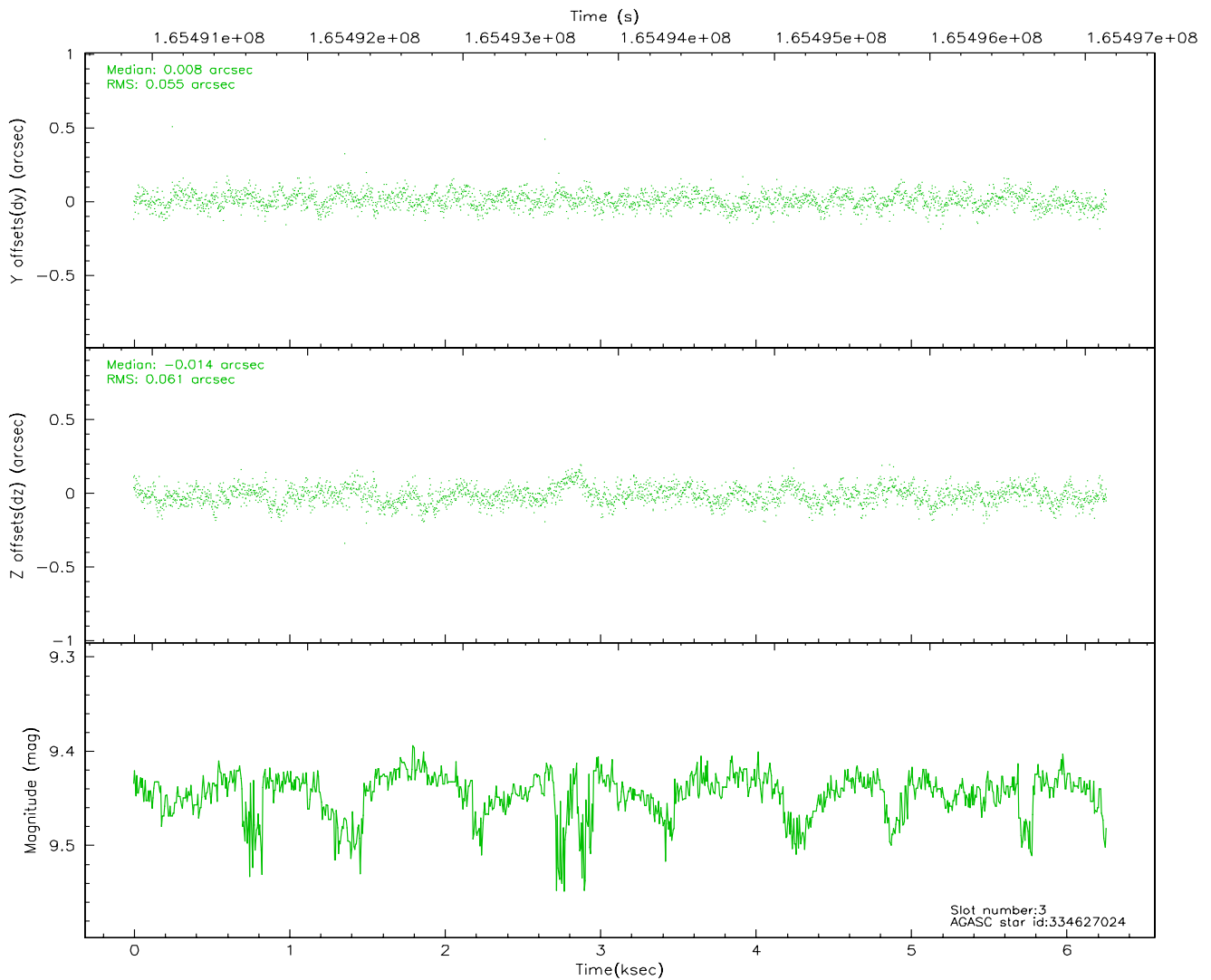
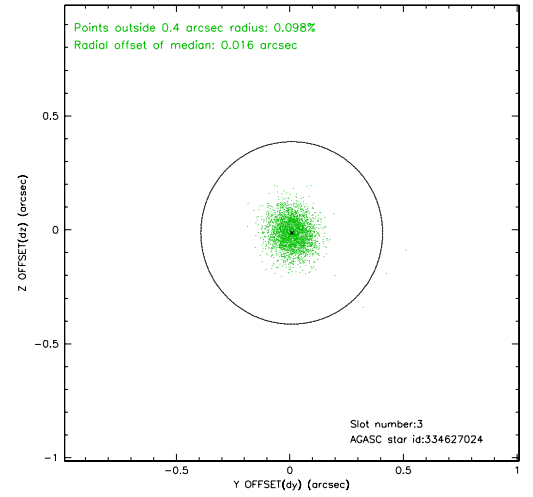
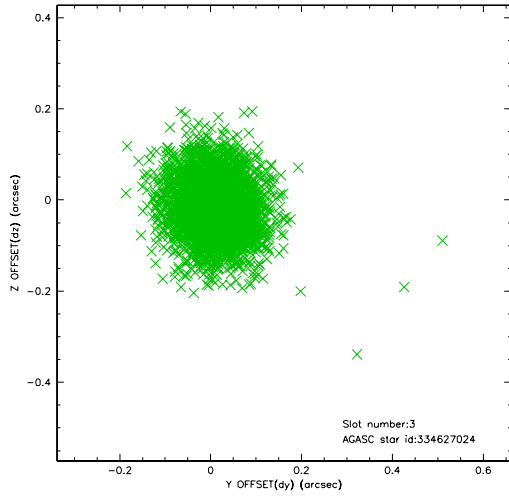


### Slot Statistics

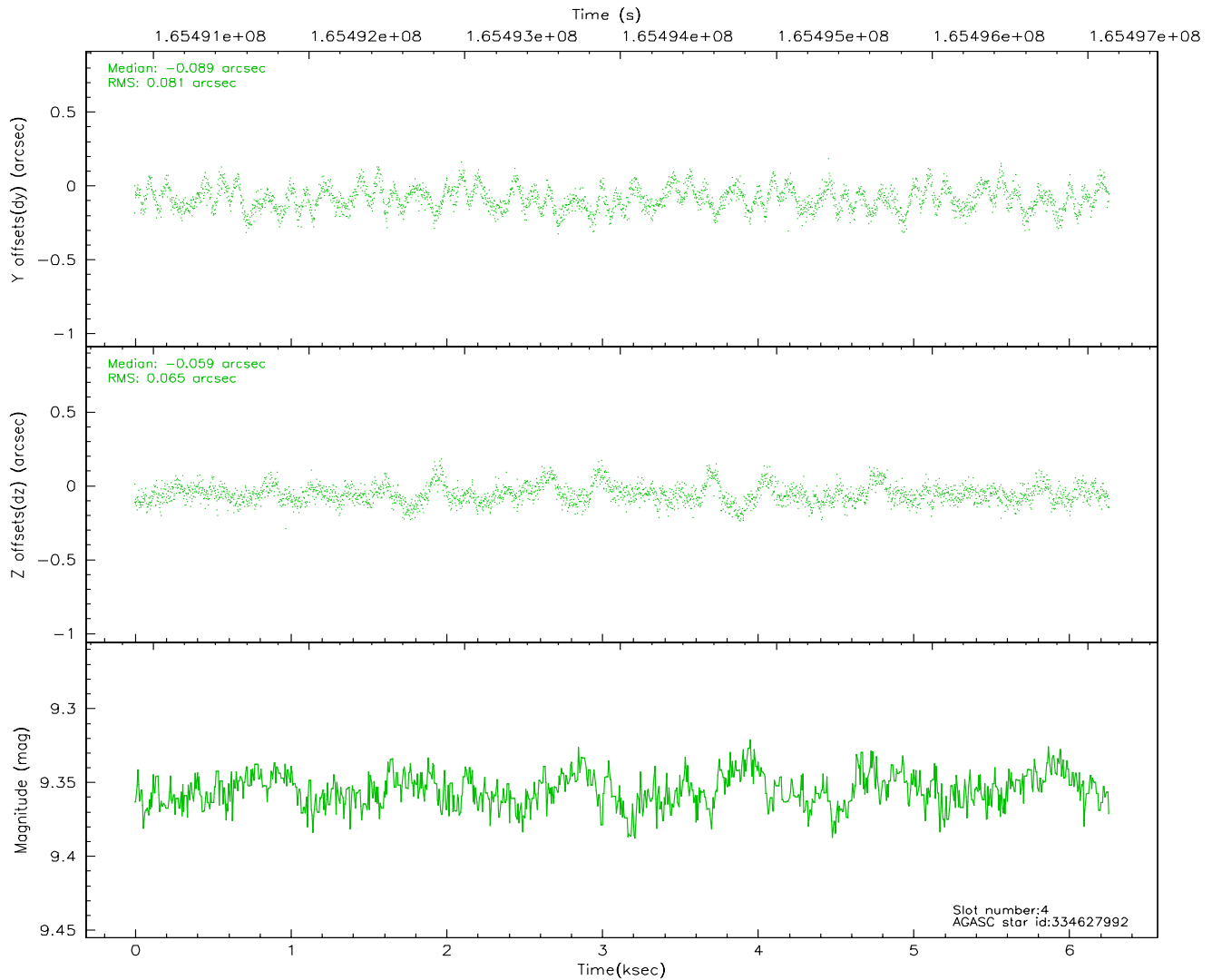
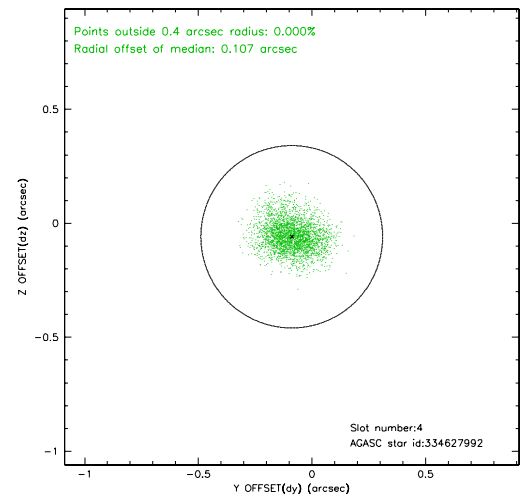
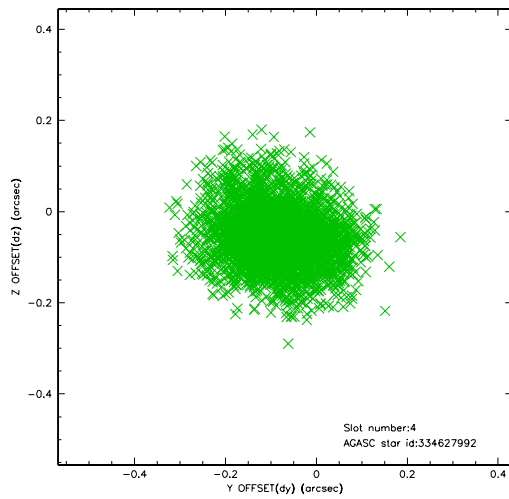
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1527	-0.019	0.028	0.008	0.013	0.000000	0.000000	937.40	-829.58
1	FID	ACIS-I-5	7.24	1526	-0.039	0.036	0.007	0.013	0.000000	0.000000	-1810.18	1067.48
2	FID	ACIS-I-6	7.26	1527	-0.033	0.006	0.007	0.011	0.000000	0.000000	401.95	1712.99
3	GUIDE	334627024	9.44	3048	0.008	-0.014	0.085	0.139	217.318801	32.278221	378.48	1051.22
4	GUIDE	334627992	9.36	3050	-0.089	-0.059	0.111	0.178	216.814353	32.274859	1565.63	2025.56
5	GUIDE	334632896	9.68	3051	0.034	-0.187	0.113	0.182	217.366197	31.879526	-637.95	2074.97
6	GUIDE	335029384	8.50	3054	-0.076	0.192	0.081	0.127	217.848061	33.088477	978.87	-2221.92
7	GUIDE	334627032	9.93	3031	0.116	0.060	0.165	0.265	216.632536	32.266744	1979.50	2393.77

## 2.4 Star Slots

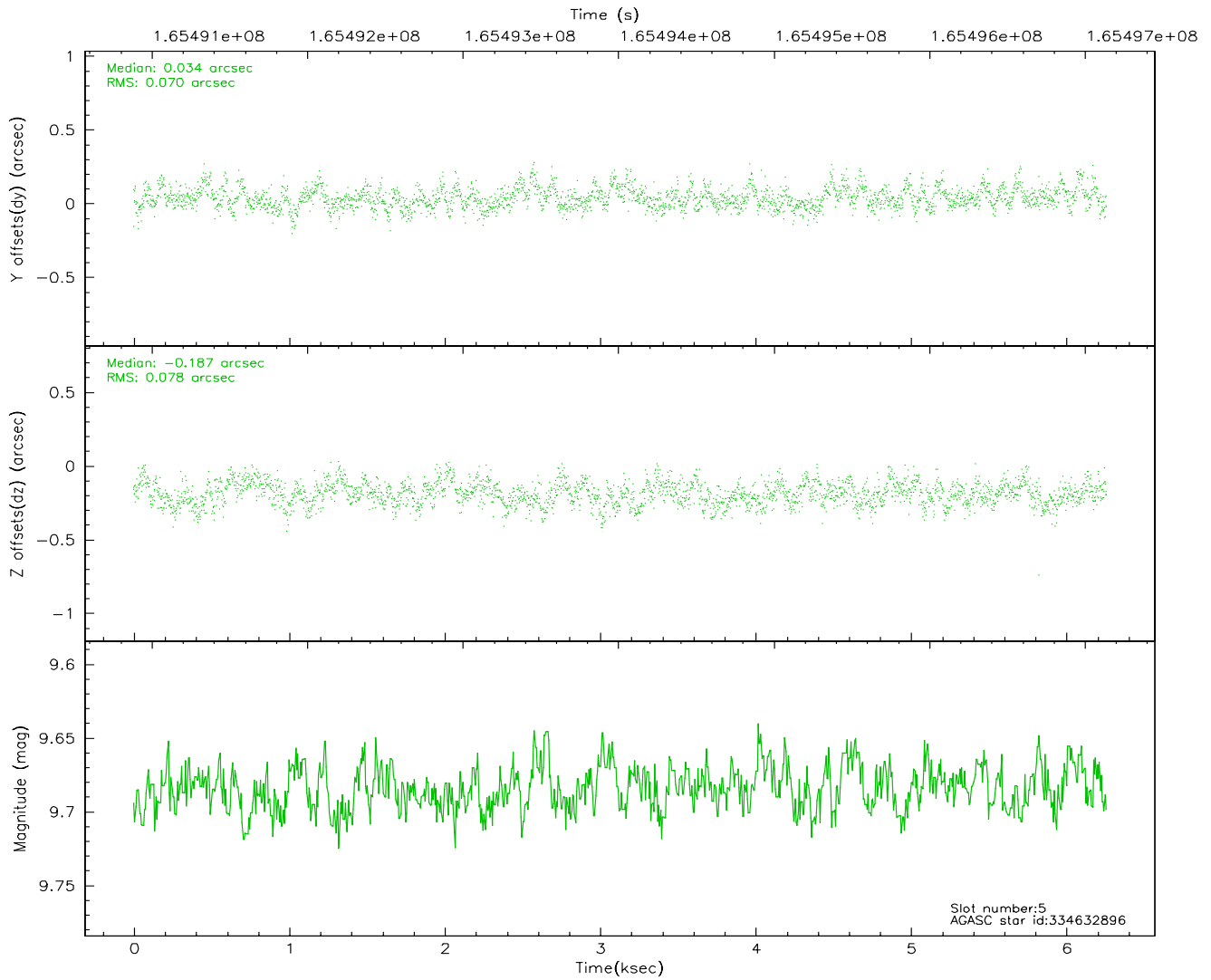
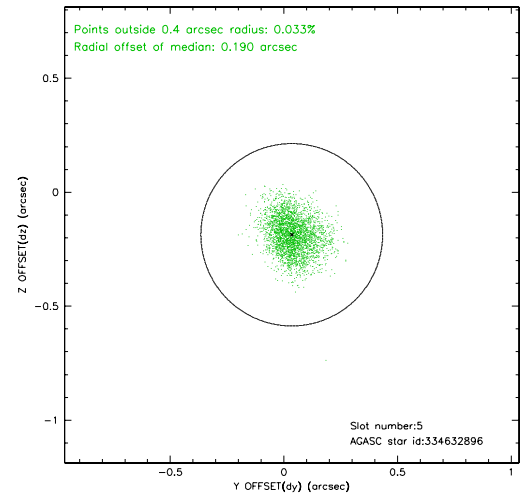
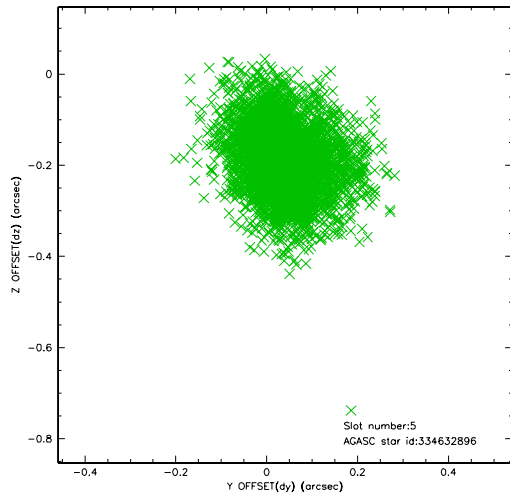
### 2.4.1 Slot 3



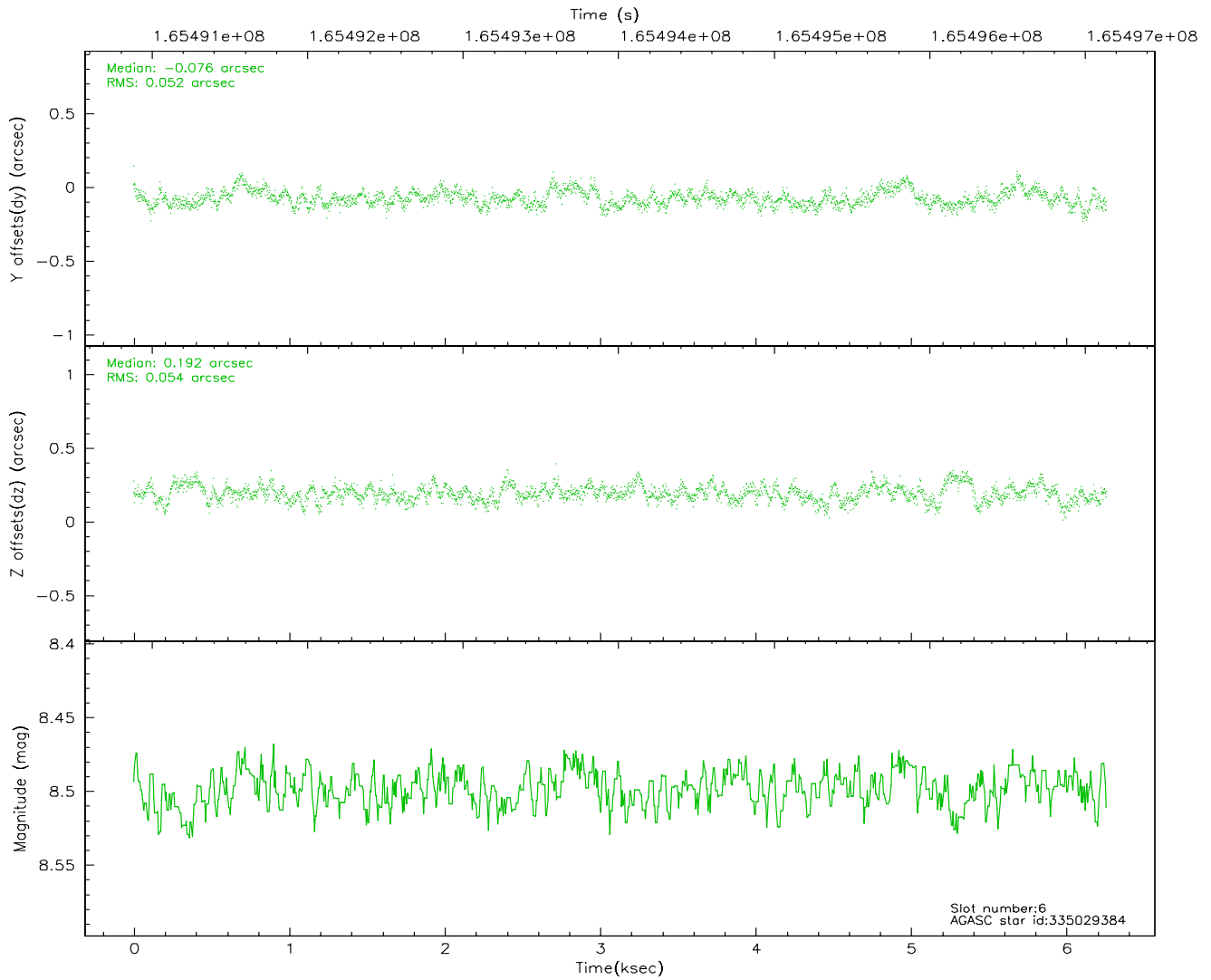
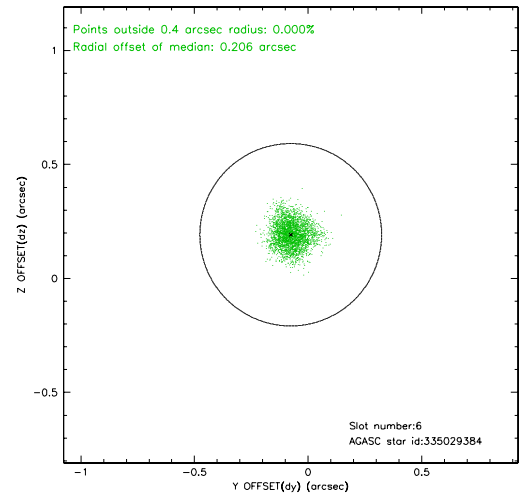
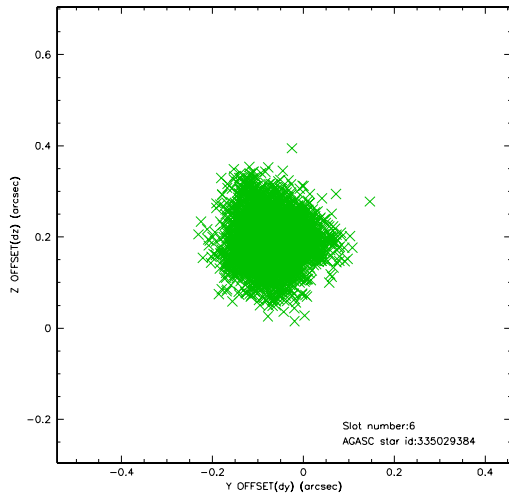
## 2.4.2 Slot 4



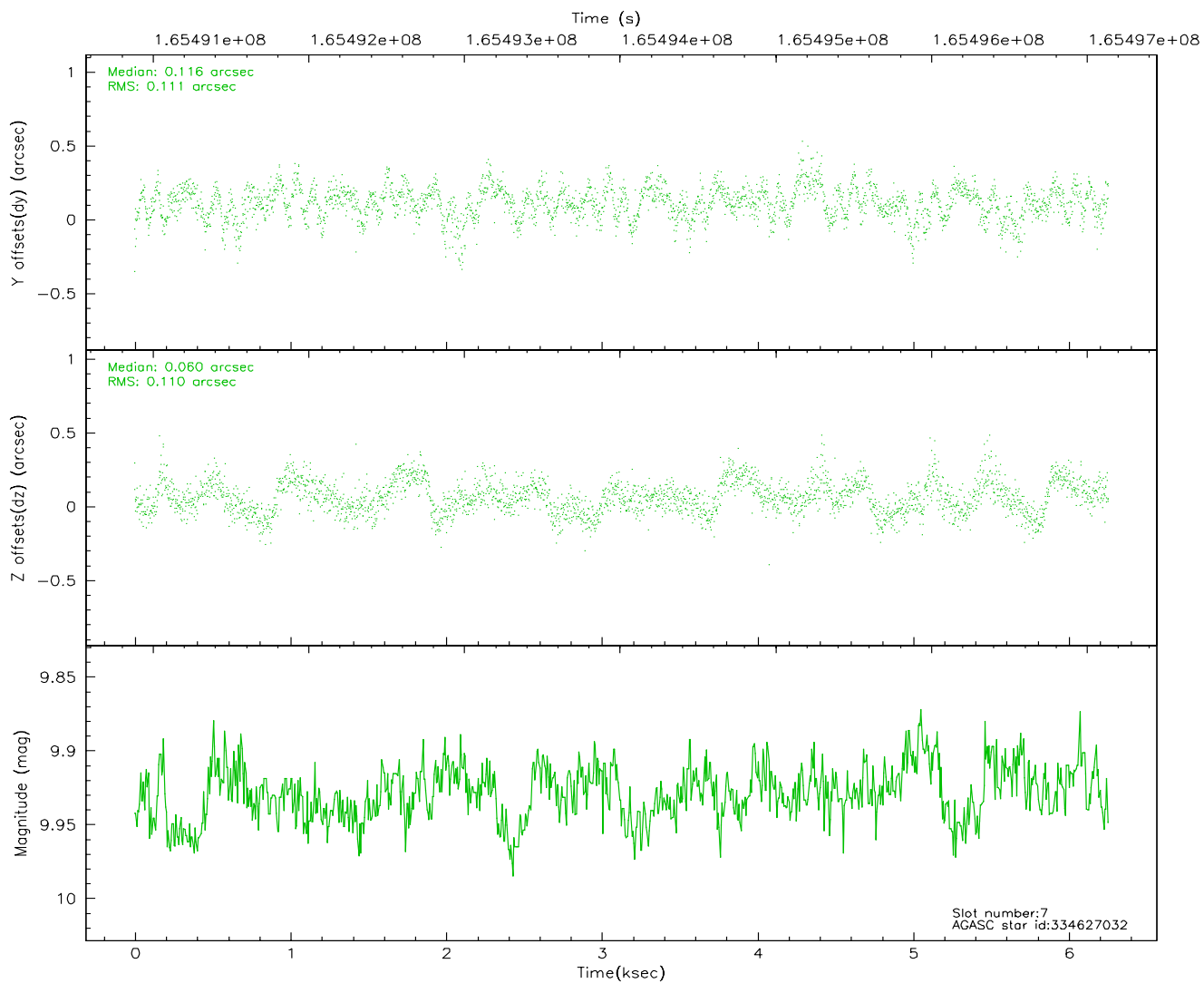
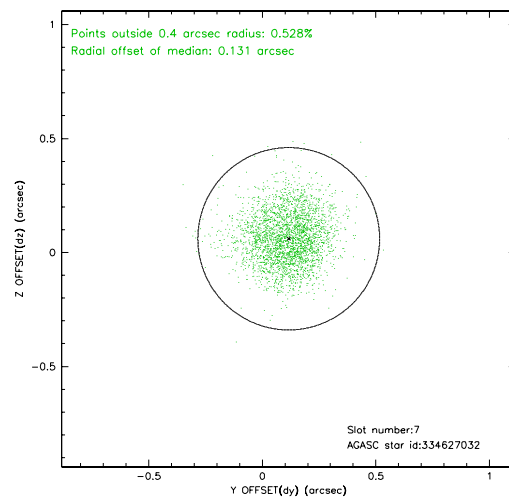
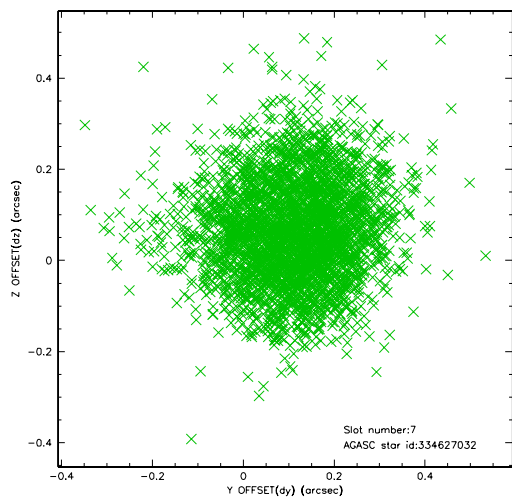
### 2.4.3 Slot 5



### 2.4.4 Slot 6

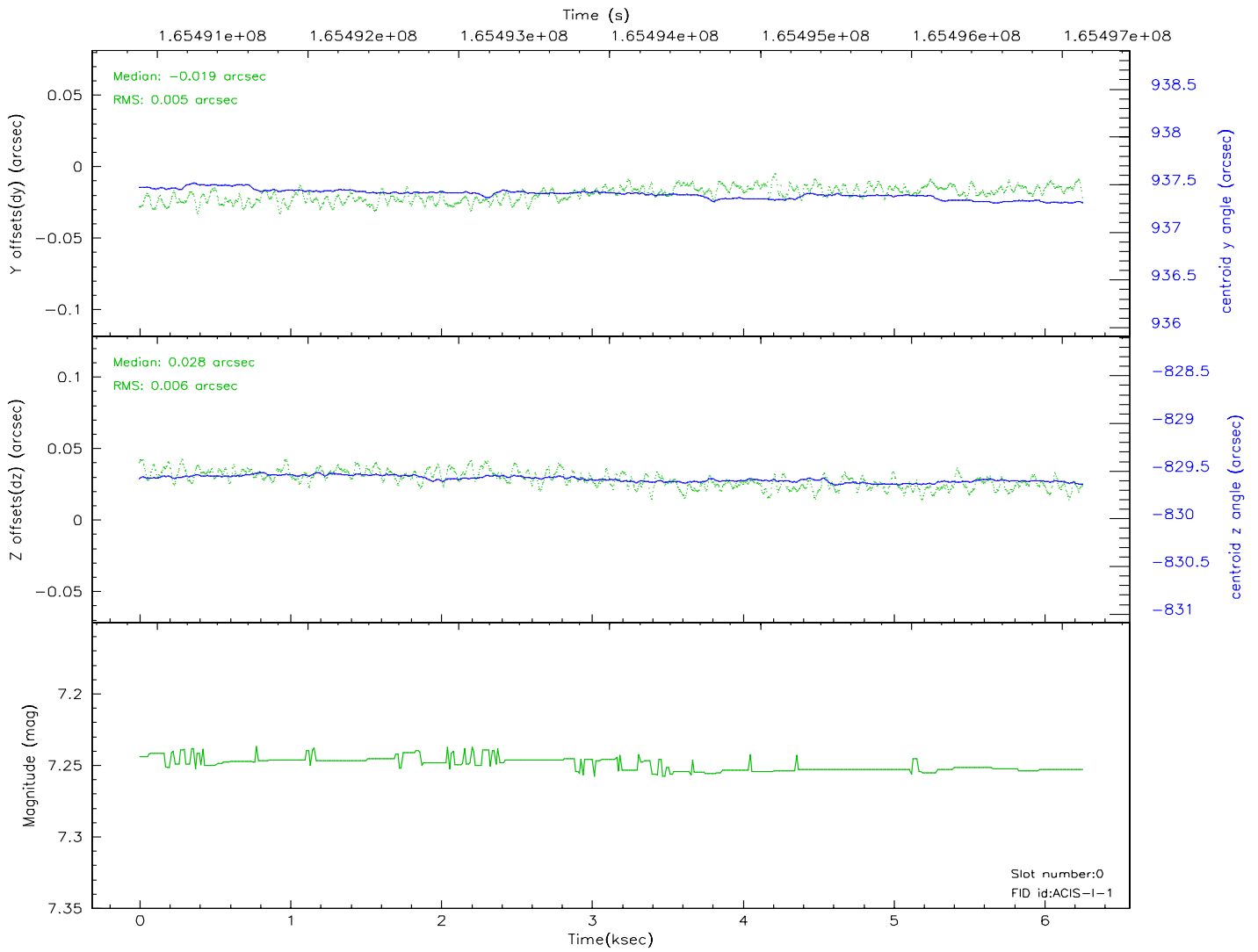
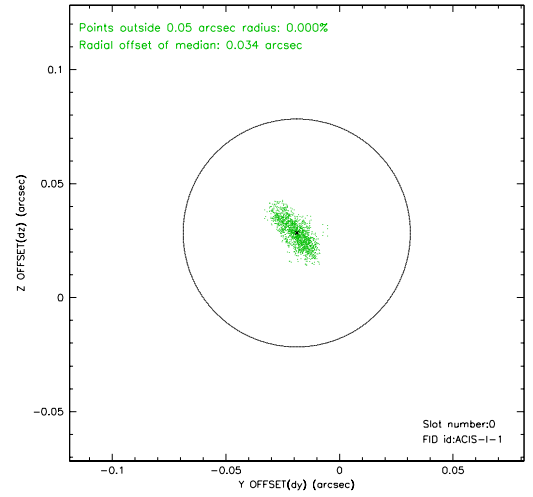
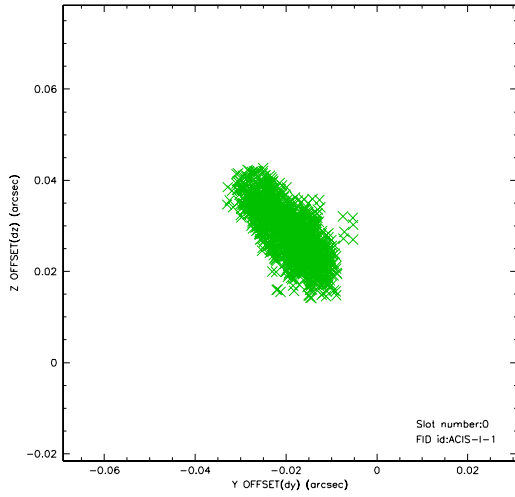


## 2.4.5 Slot 7

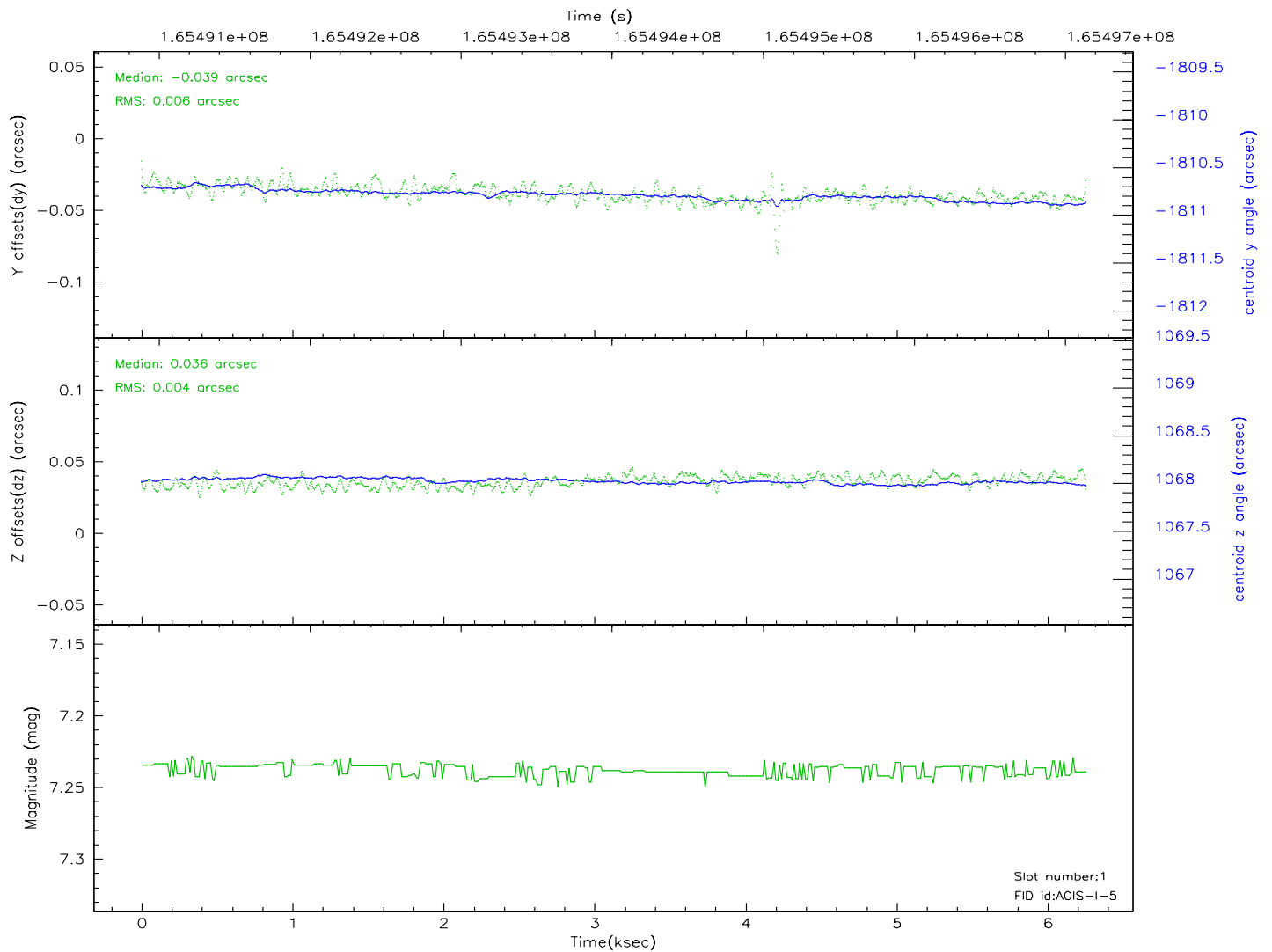
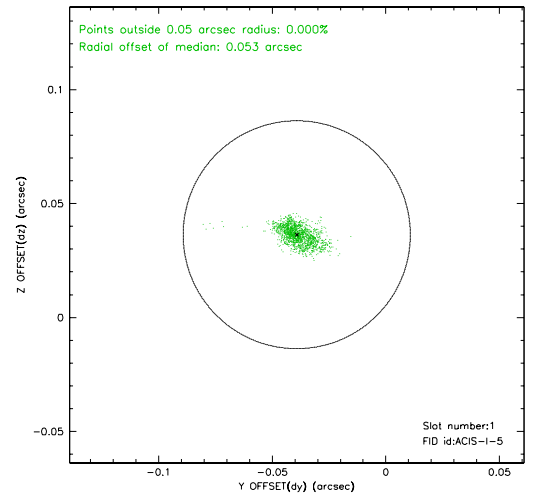
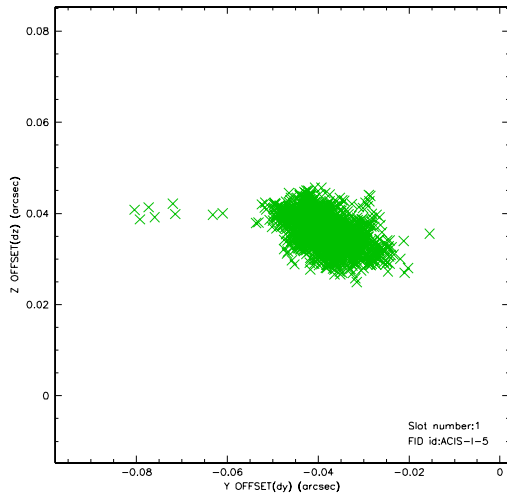


## 2.5 FID Slots

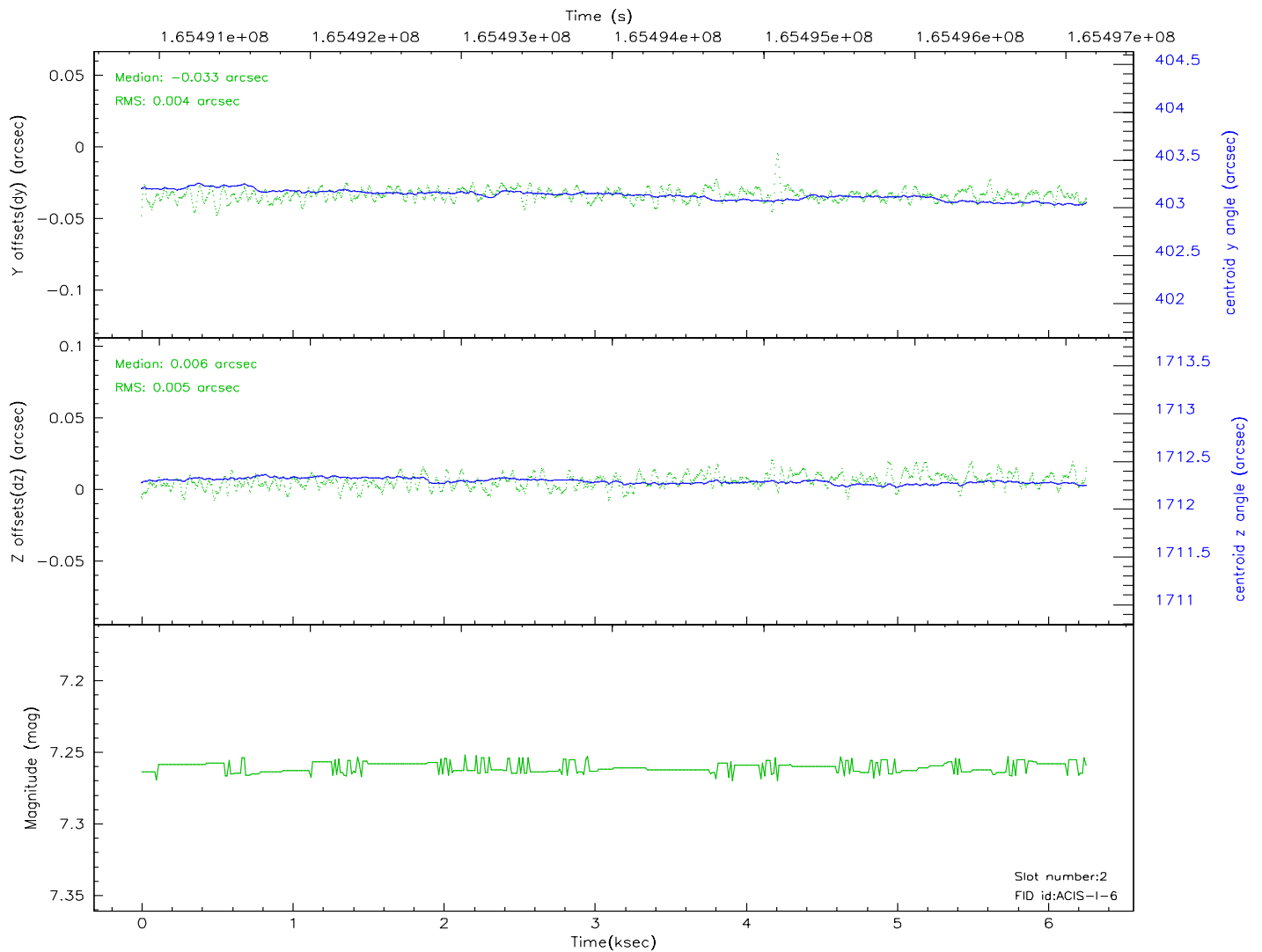
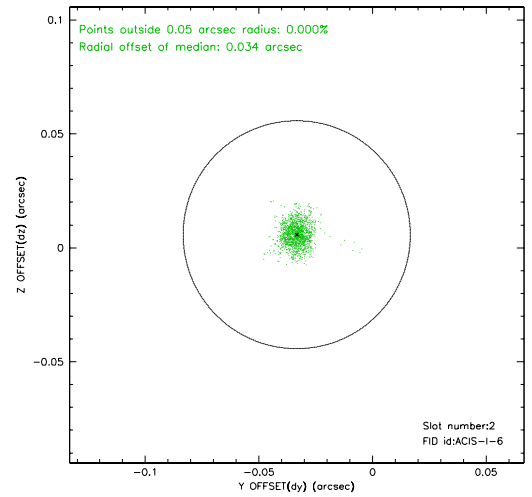
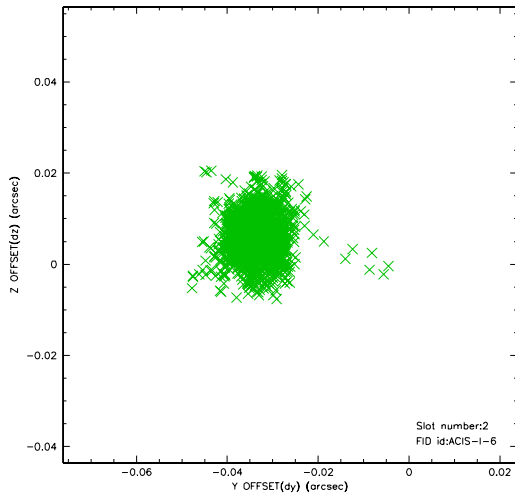
### 2.5.1 Slot 0



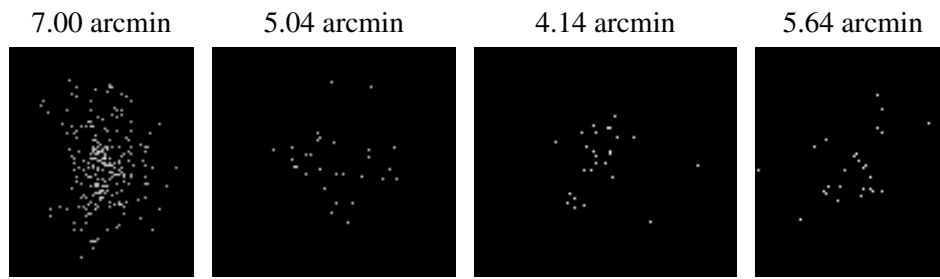
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.021

## A.2 Comments