

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3623 - L2 Version 001  
Chandra X-Ray Center

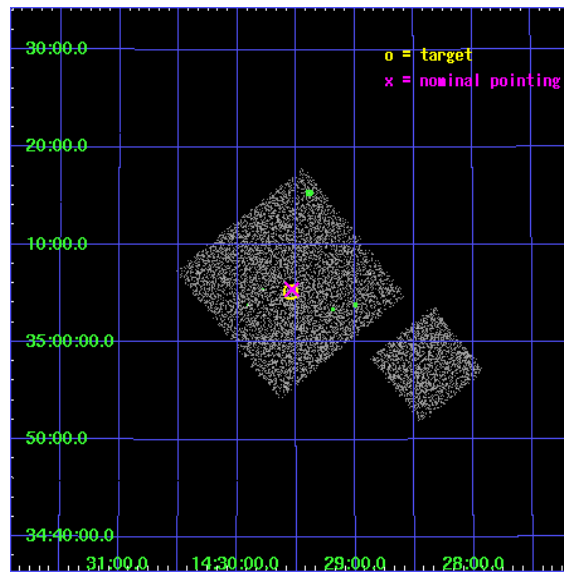
L2 Processing Date : Jul 30 2006

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# 1 Front

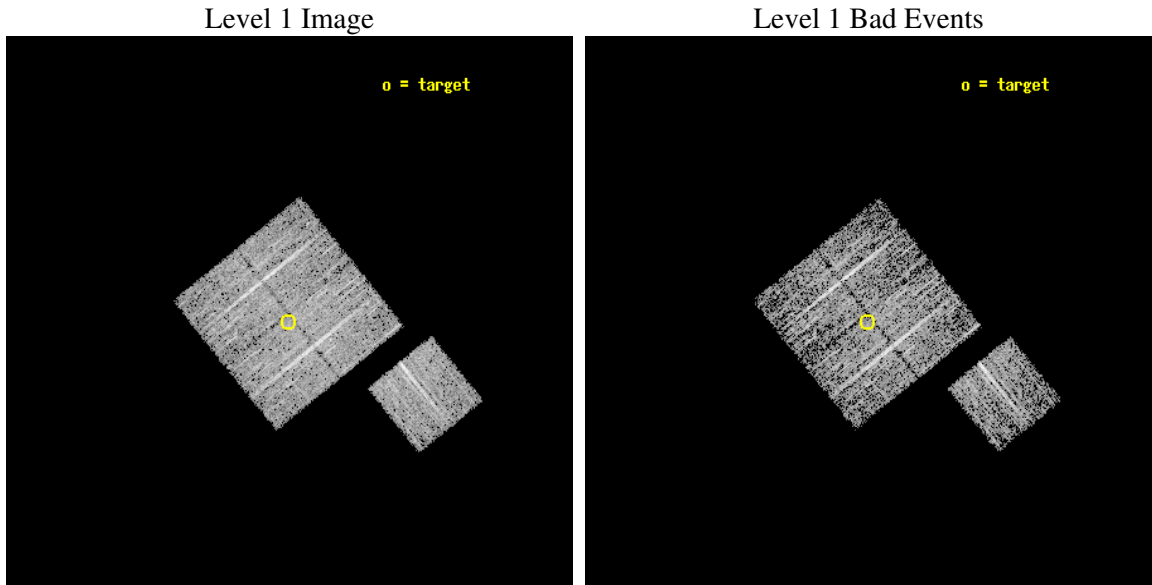
seq_num	900223
obs_id	3623
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD
observer	Dr. Stephen Murray
object	NOAO FIELD F16
dtcycle	0
cycle	P
ra_targ	217.38708
dec_targ	35.08647
ra_nom	217.38440089579
dec_nom	35.090543252823
roll_nom	141.01022489462
revision	2
ontime	4572.4180207849
livetime	4512.6760131781
ontime0	4575.5590209961
ontime1	4578.6999911964
ontime2	4578.6999911964
ontime3	4572.4180207849
ontime6	4578.6999911964
l2events	11623



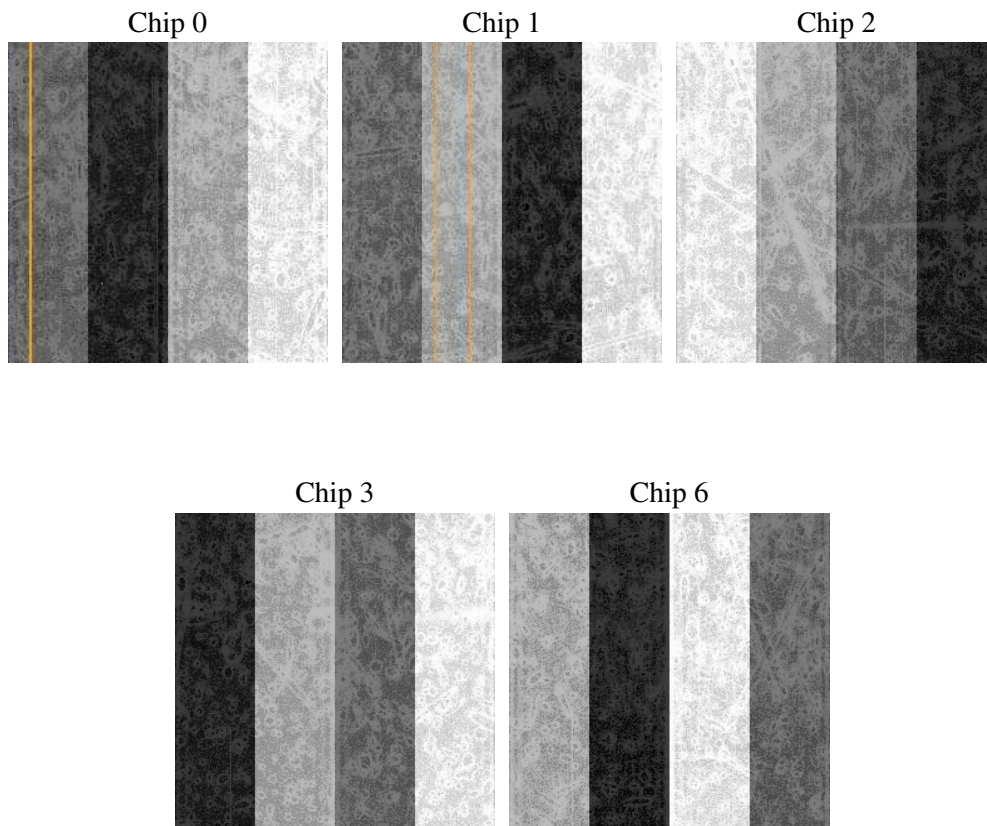
## 2 OBI

### 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	2006-07-30T07:46:19
revision	2

sched_exp_time	4800.000000
ontime	4576.4430529177
ontime0	4579.584053129
ontime1	4582.7250233293
ontime2	4582.7250233293
ontime3	4576.4430529177
ontime6	4582.7249934375
l1events	117224

### 2.1.4 Events

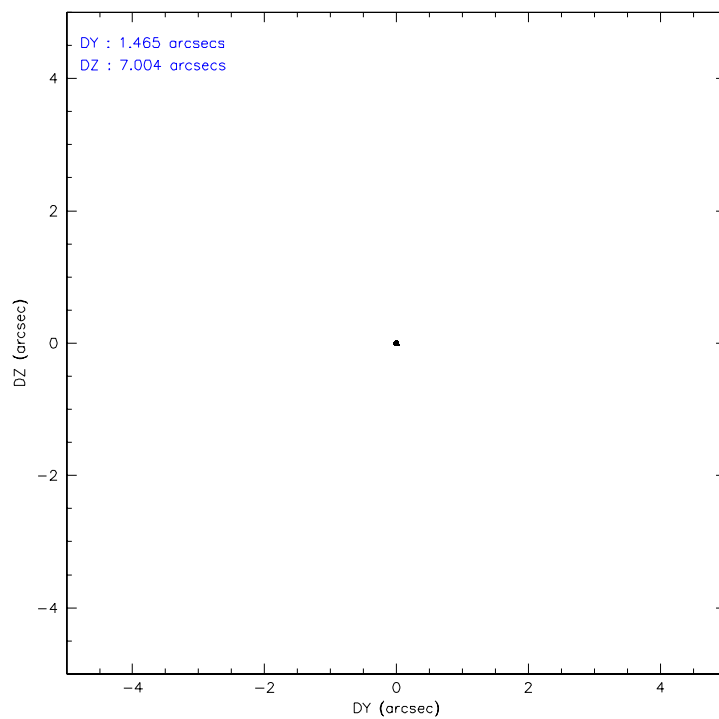
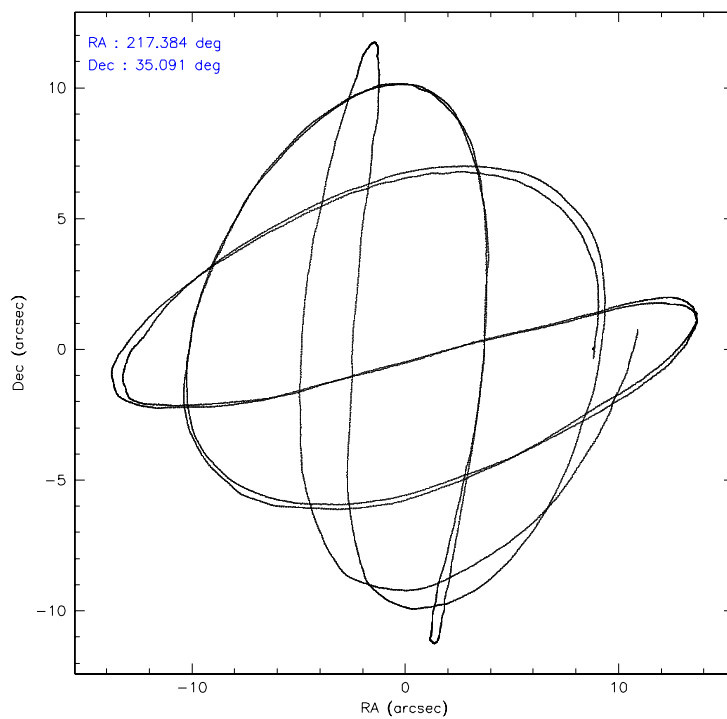
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21819	22236	25808	23766	23595
rejected events	19098	19433	22967	21080	20774
rejected %	87%	87%	88%	88%	88%

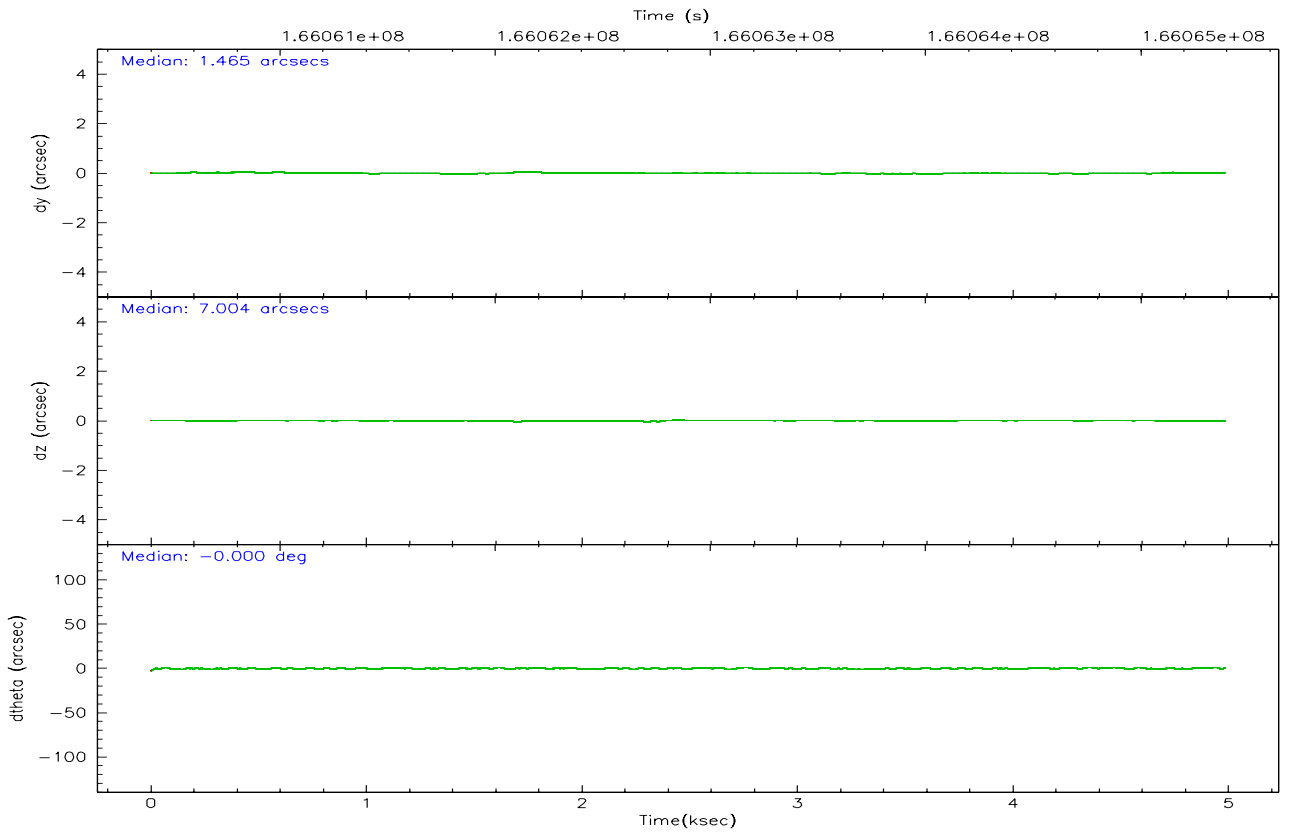
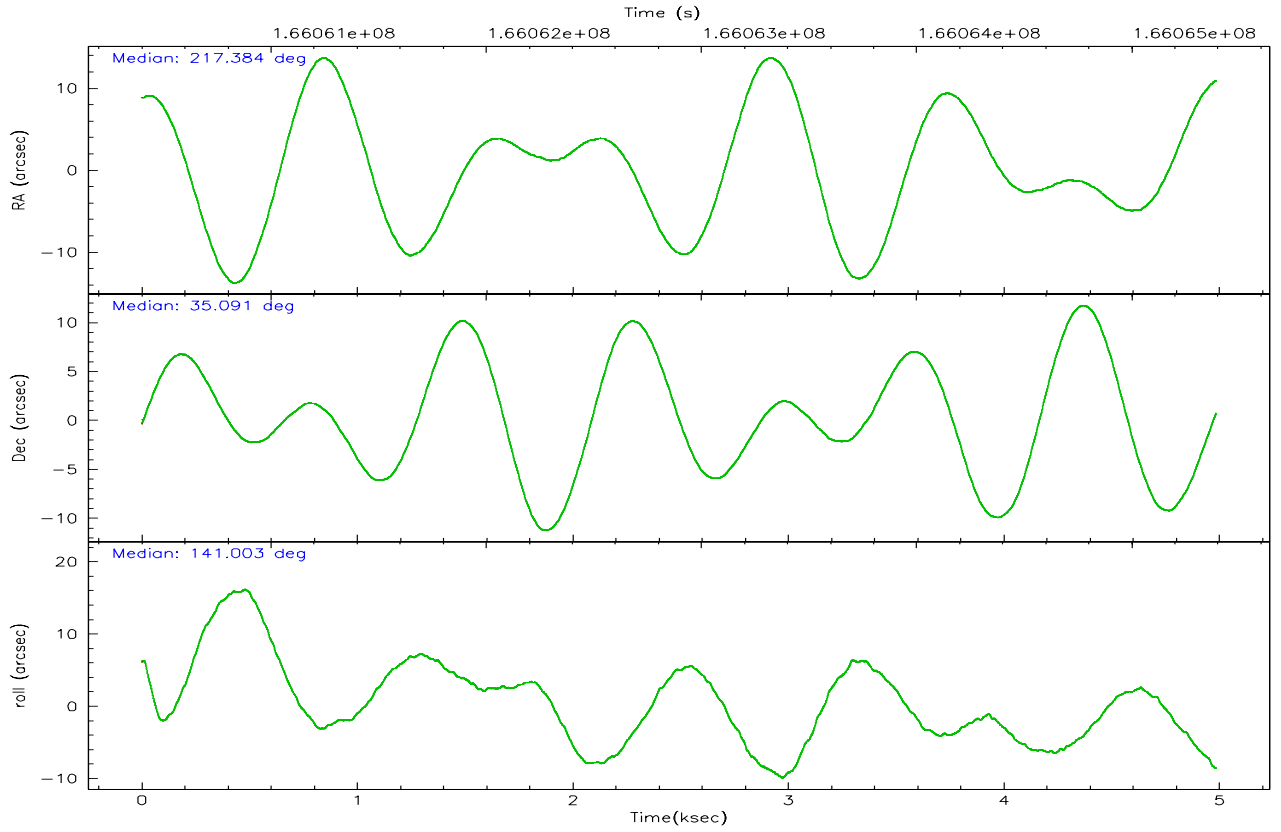
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1096	1176	1237	1119	1212
	5%	5%	4%	4%	5%
grade 1 events	20	7	13	13	10
	0%	0%	0%	0%	0%
grade 2 events	614	514	588	534	555
	2%	2%	2%	2%	2%
grade 3 events	283	284	275	299	280
	1%	1%	1%	1%	1%
grade 4 events	276	325	266	288	259
	1%	1%	1%	1%	1%
grade 5 events	709	716	646	731	770
	3%	3%	2%	3%	3%
grade 6 events	453	508	479	448	517
	2%	2%	1%	1%	2%
grade 7 events	18368	18706	22304	20334	19992
	84%	84%	86%	85%	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	217.417483	217.3844008957866	Alternating exposures requested	N	N
Pointing Dec	35.086391	35.09054325282268	Primary exposure time	0.000000	3.1
Pointing Roll	140.782521	141.0102248946228			
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	166060585.184000	166060209.51569			
Observation start date	2003-04-06T23:55:21	2003-04-06T23:50:09			
Observation end time	166065385.184000	166065519.52842			
Observation end date	2003-04-07T01:15:21	2003-04-07T01:18:39			
Read mode	TIMED	TIMED			

## 2.3 Aspect



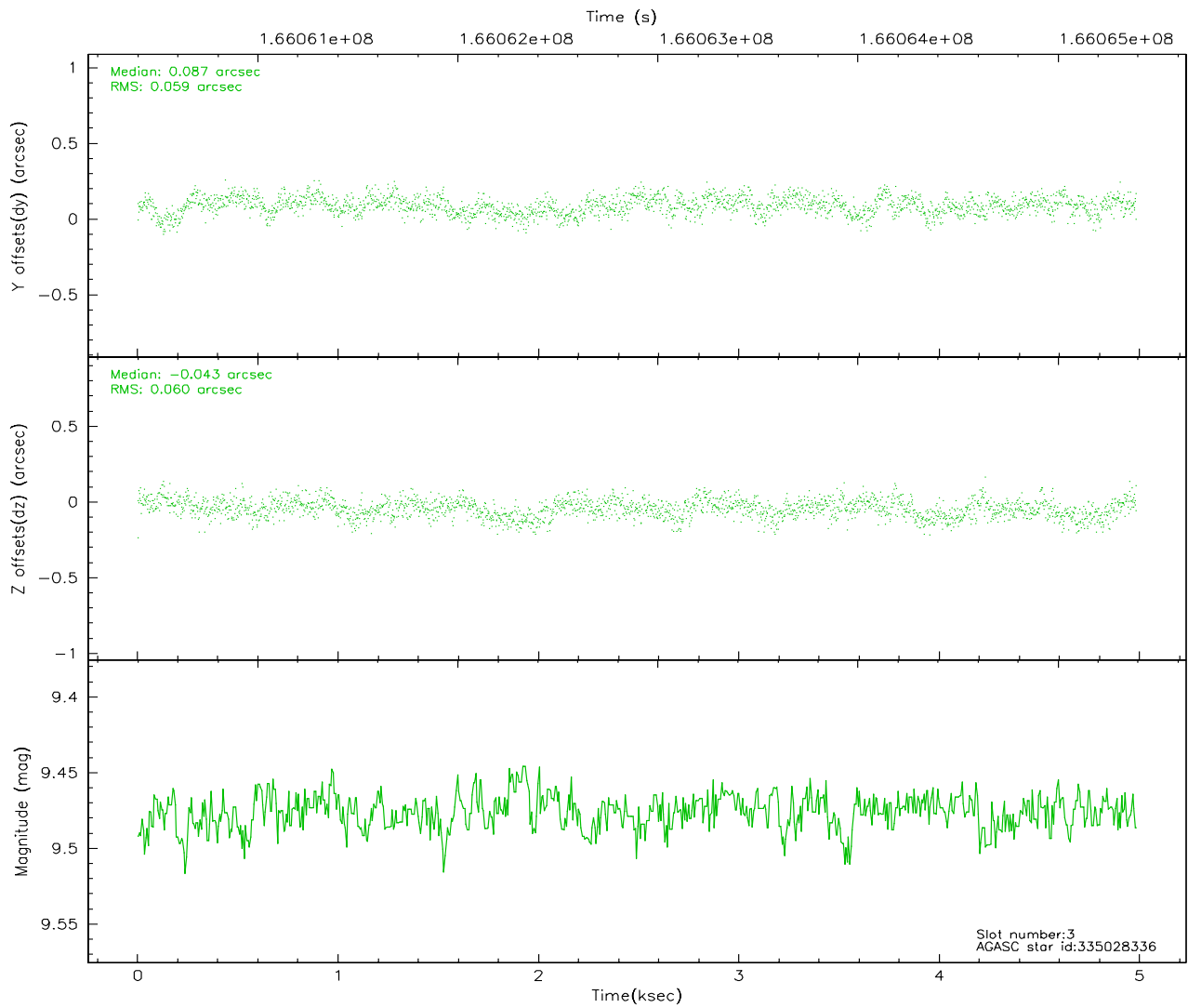
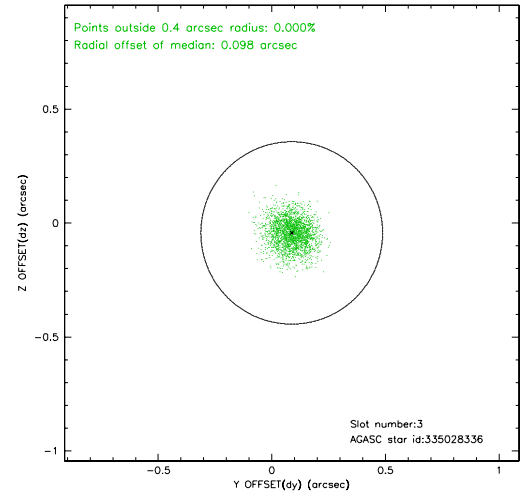
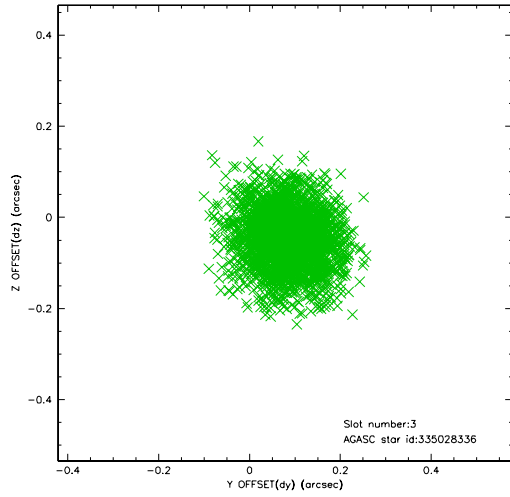


### Slot Statistics

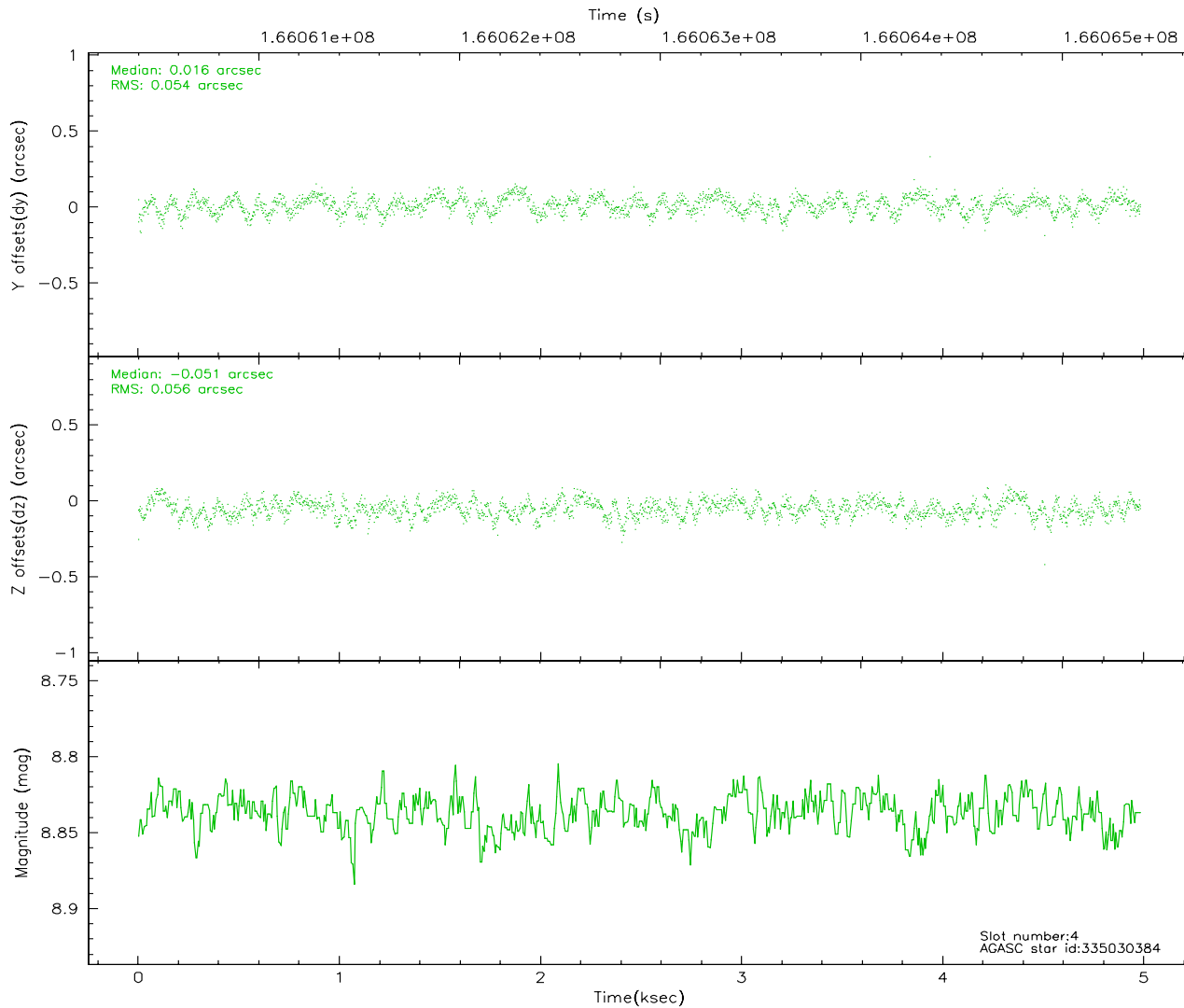
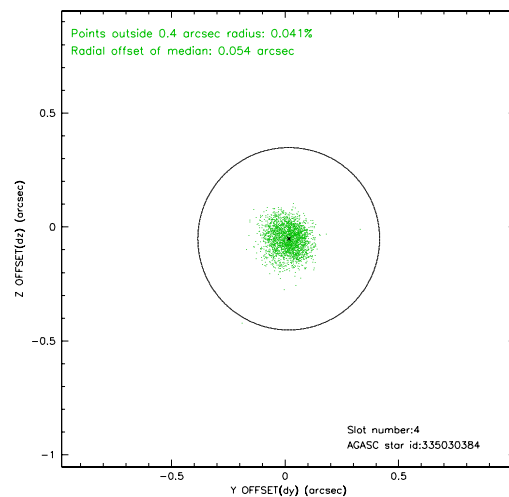
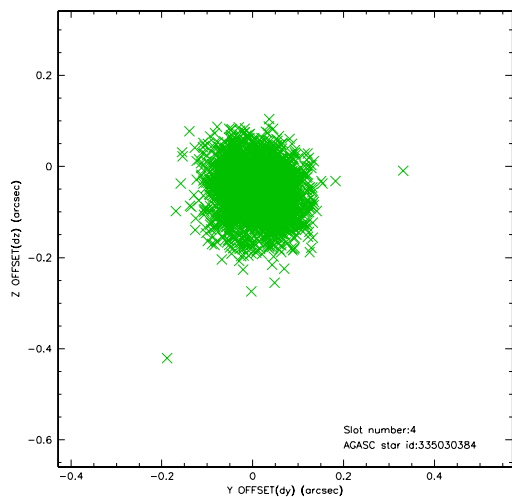
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1216	-0.010	0.040	0.006	0.010	0.000000	0.000000	938.34	-830.38
1	FID	ACIS-I-5	7.24	1216	-0.048	0.046	0.005	0.009	0.000000	0.000000	-1809.08	1066.58
2	FID	ACIS-I-6	7.26	1216	-0.033	-0.016	0.007	0.011	0.000000	0.000000	402.60	1712.35
3	GUIDE	335028336	9.48	2429	0.087	-0.043	0.090	0.144	217.189840	34.665629	-435.05	1599.04
4	GUIDE	335030384	8.84	2432	0.016	-0.051	0.083	0.129	216.806407	34.722197	575.06	2155.40
5	GUIDE	335414448	7.38	2432	-0.175	0.092	0.064	0.100	216.992261	35.577204	2083.37	-582.46
6	GUIDE	335415168	9.80	2425	0.070	0.005	0.103	0.167	217.681296	35.301767	-108.10	-1091.59
7	GUIDE	335422272	9.46	2430	0.004	0.001	0.126	0.220	217.586135	35.522660	610.75	-1530.06

## 2.4 Star Slots

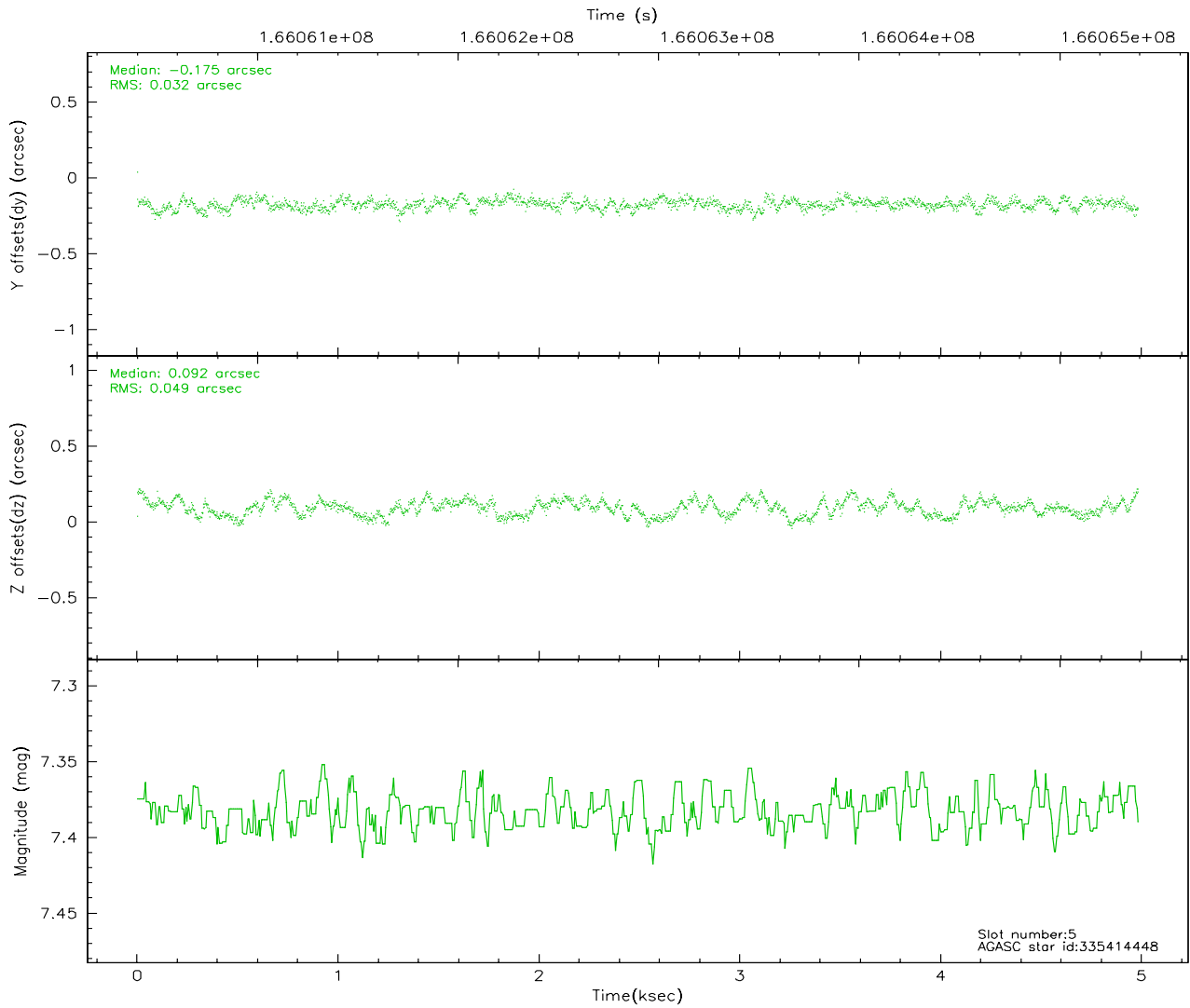
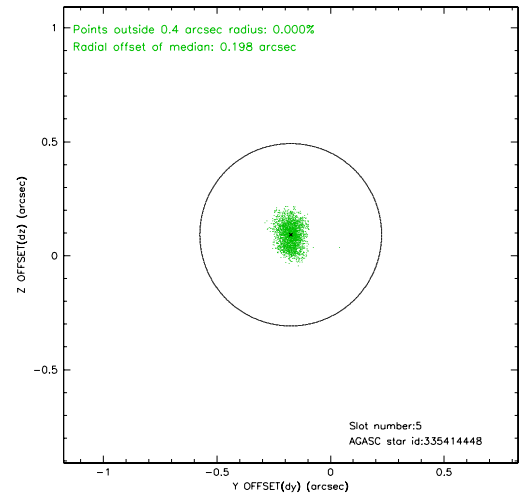
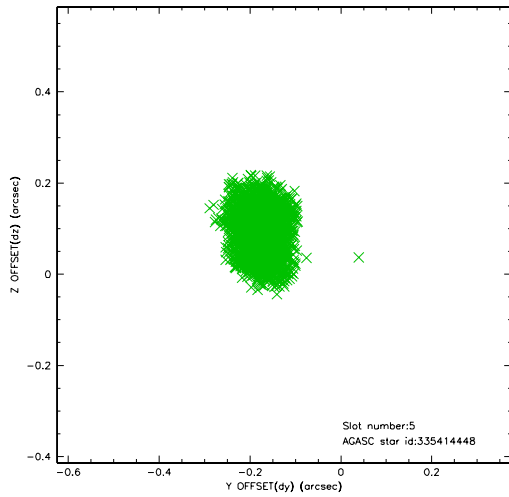
### 2.4.1 Slot 3



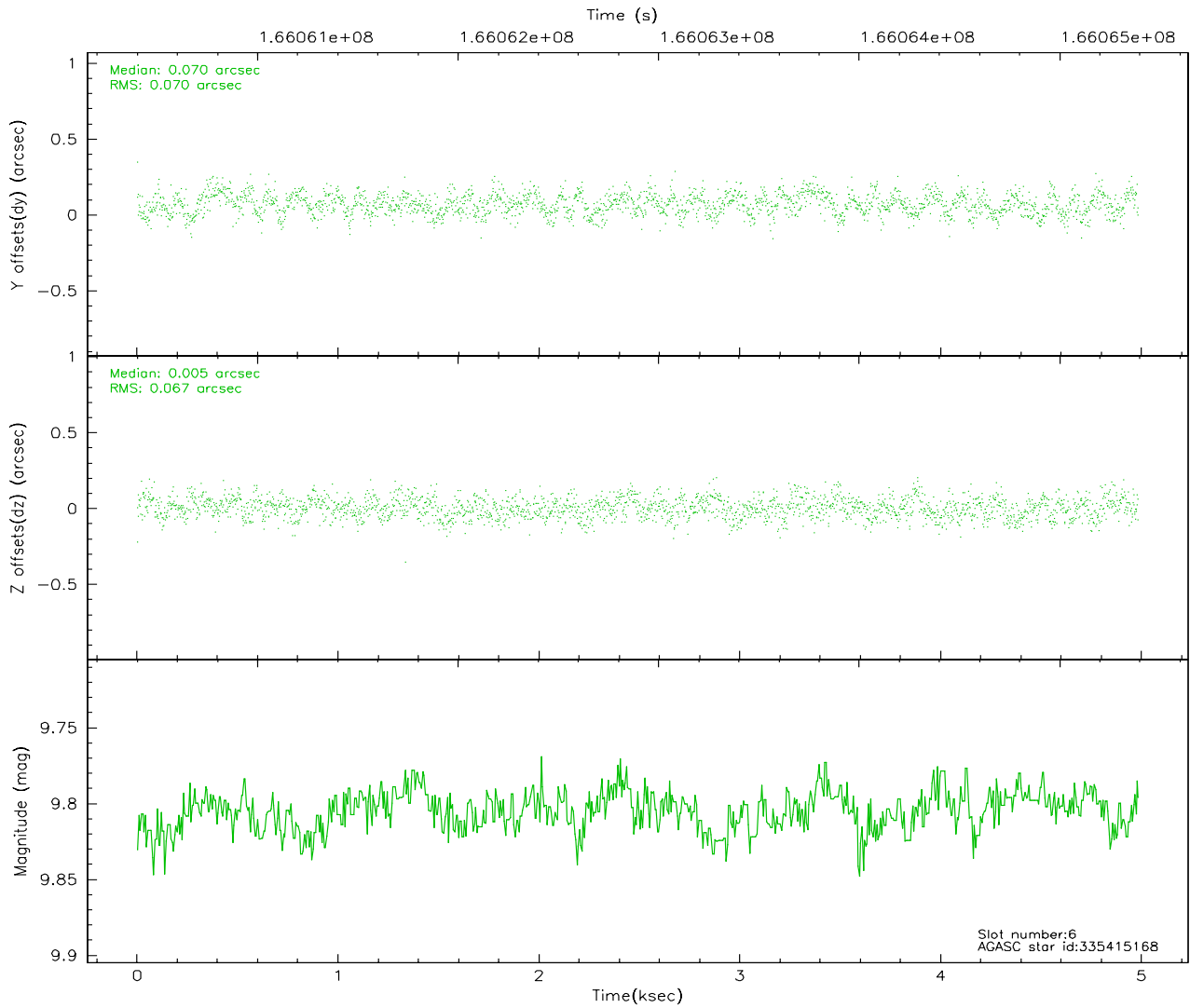
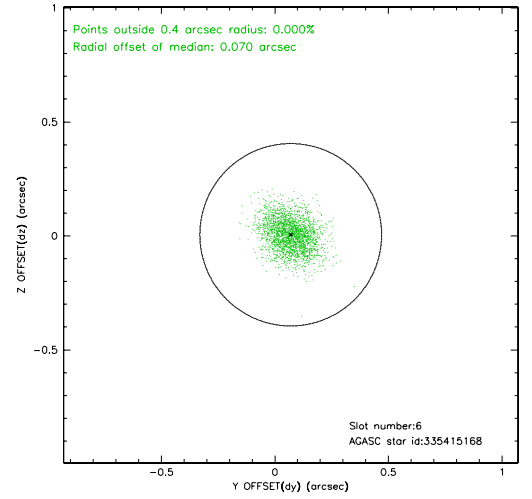
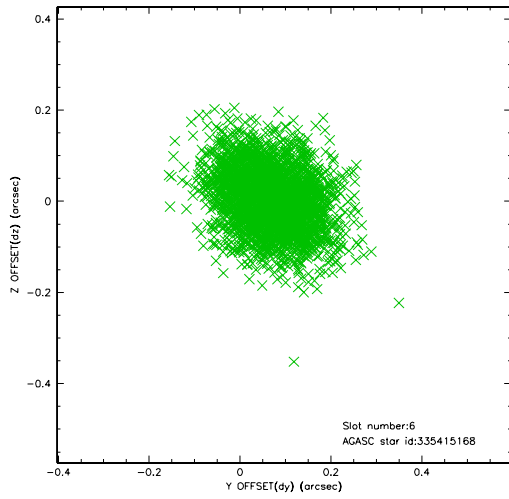
## 2.4.2 Slot 4



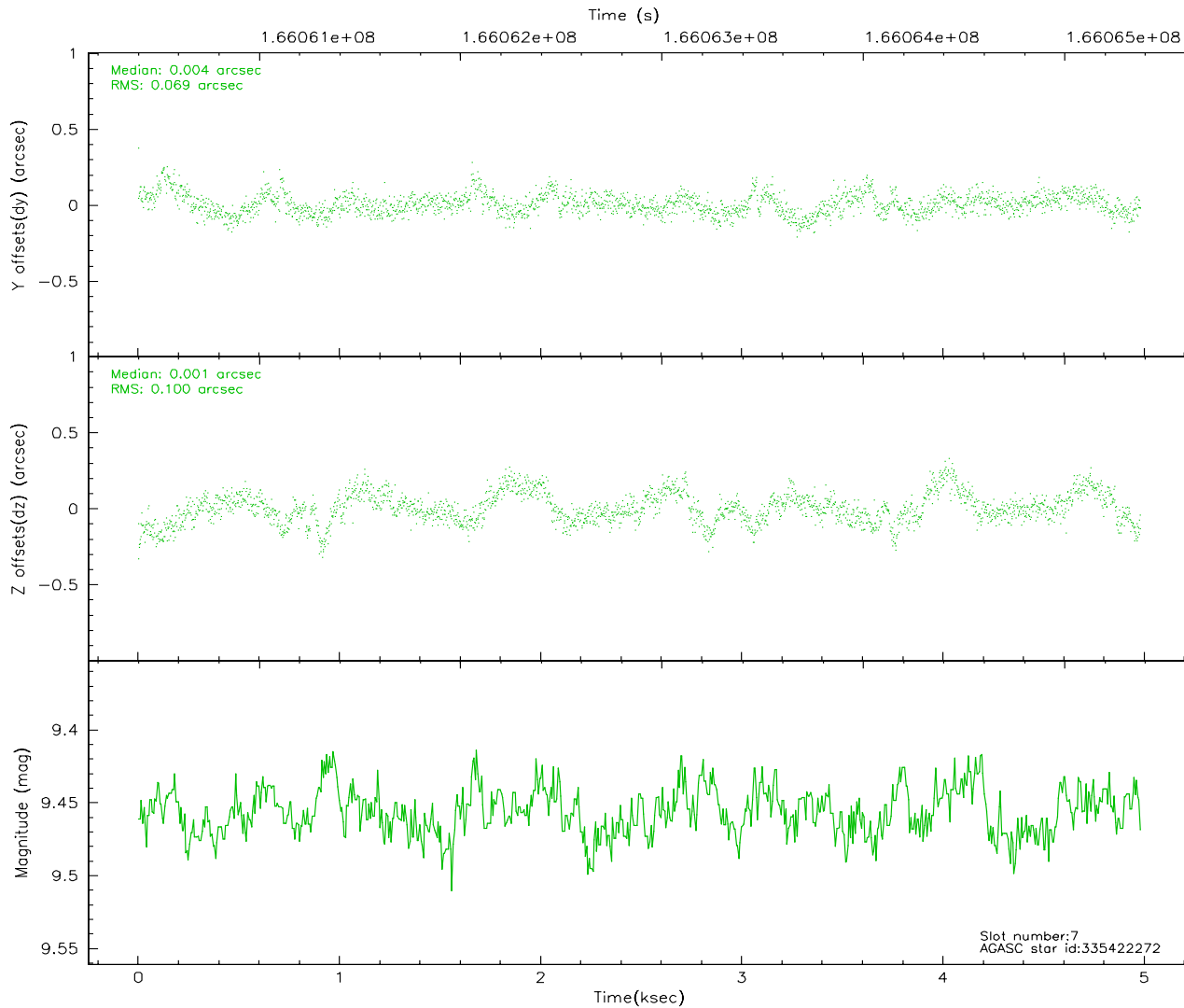
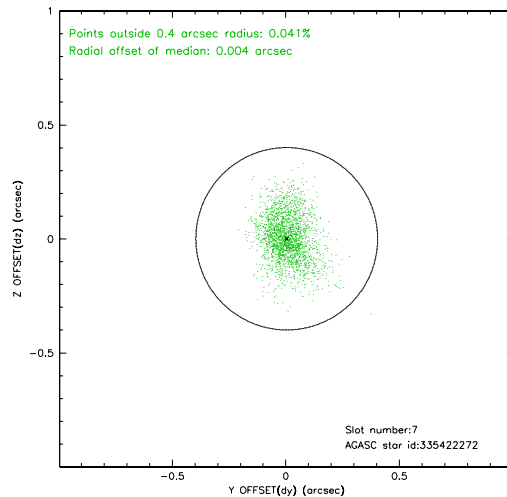
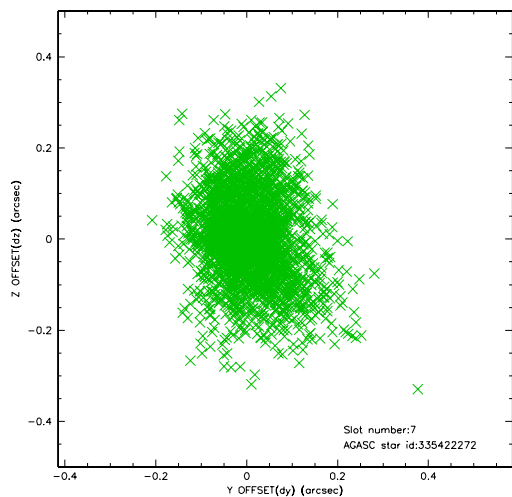
### 2.4.3 Slot 5



### 2.4.4 Slot 6

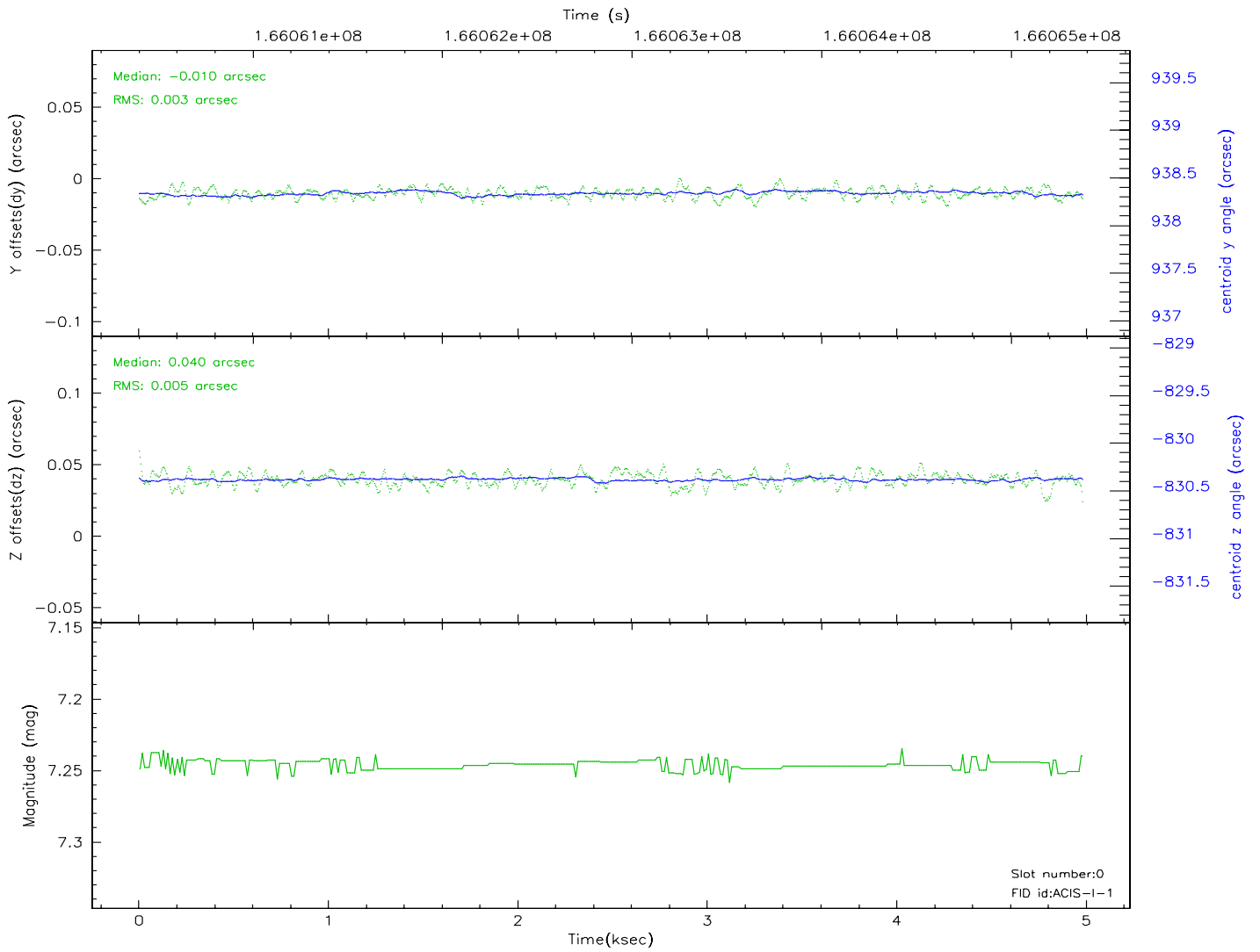
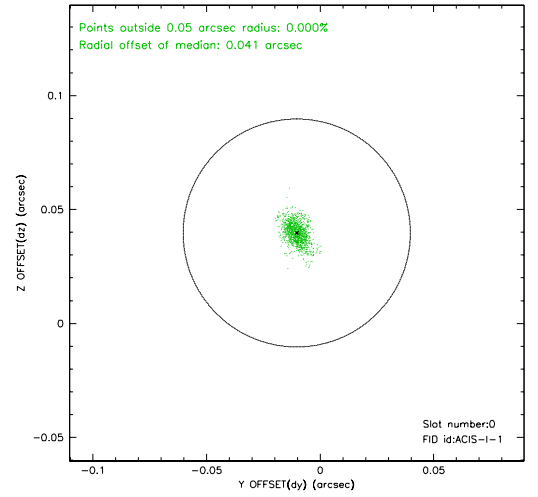
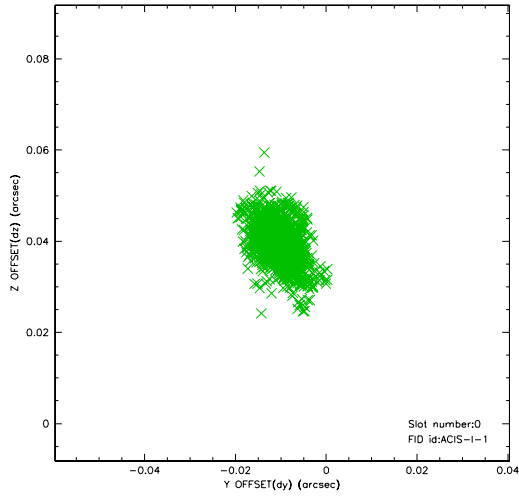


## 2.4.5 Slot 7

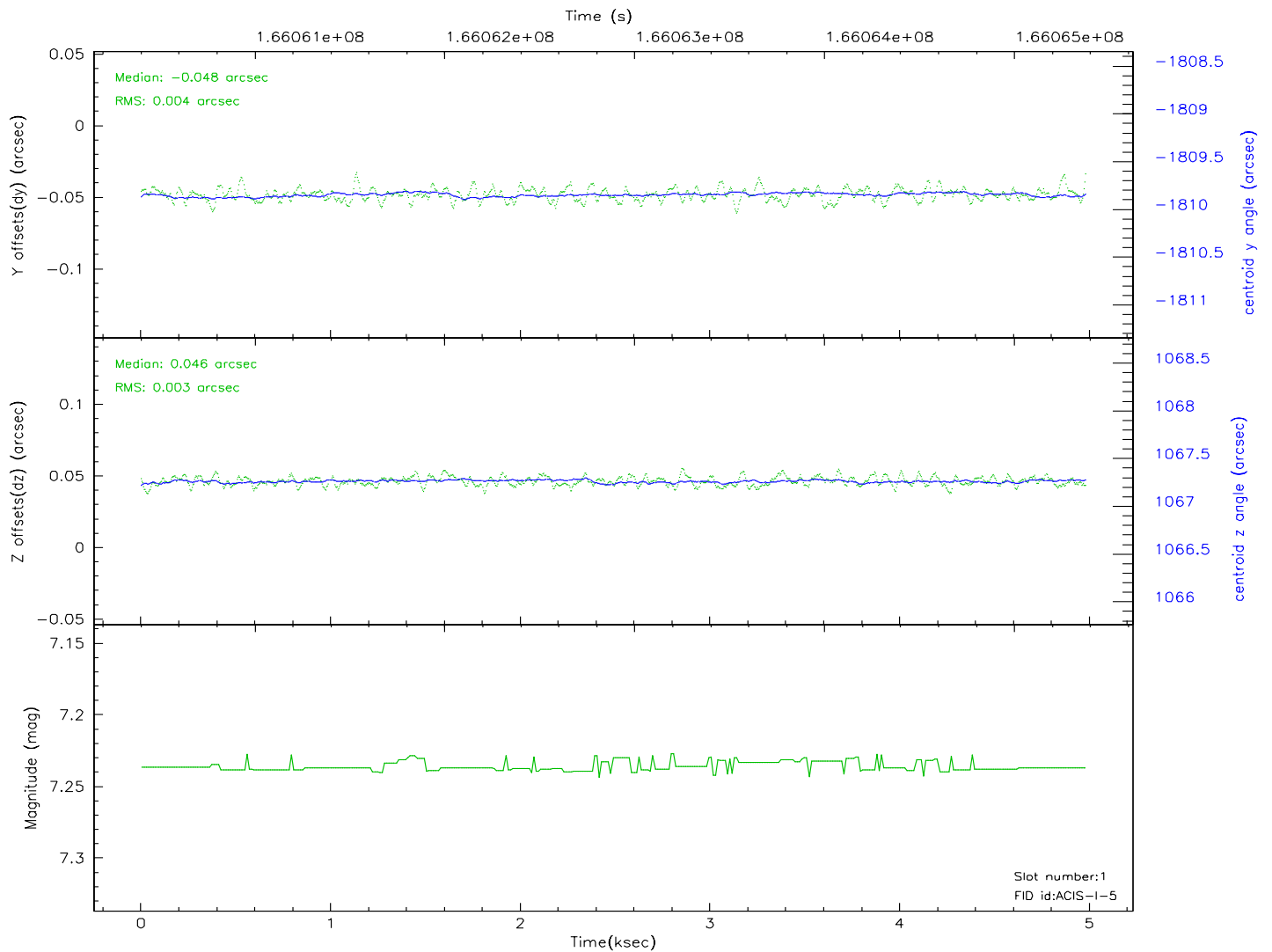
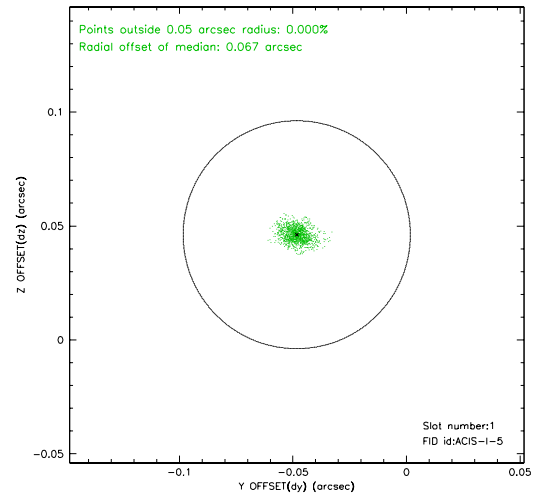
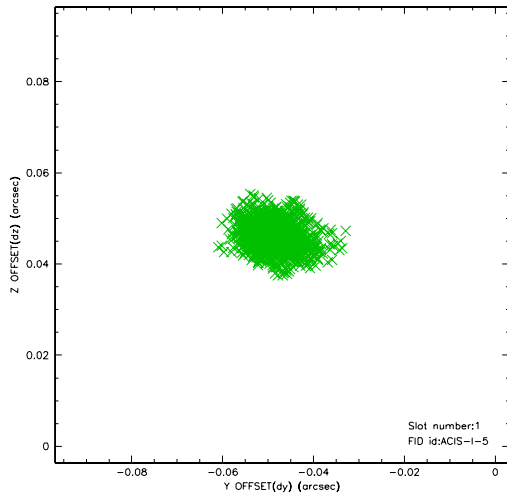


## 2.5 FID Slots

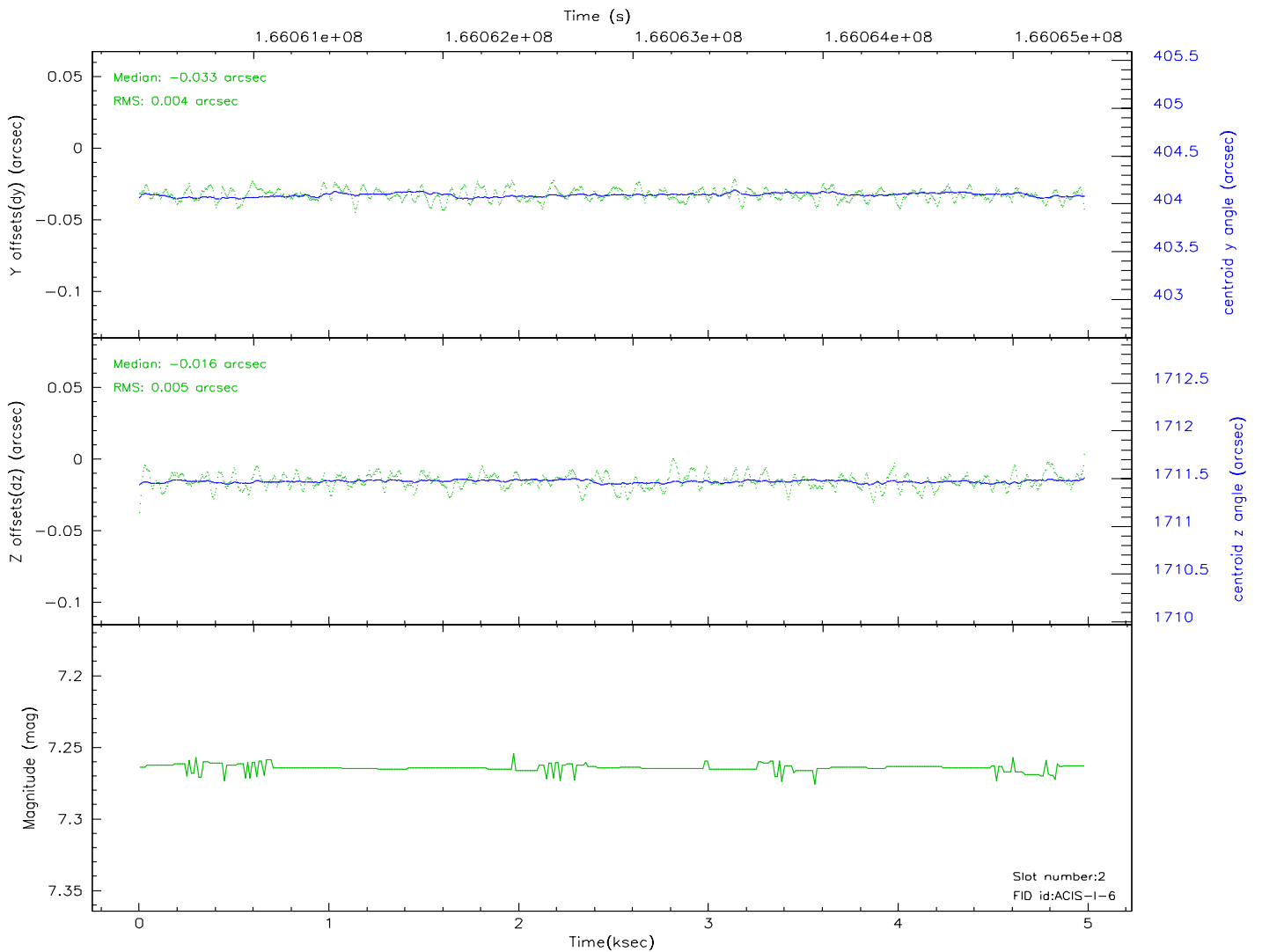
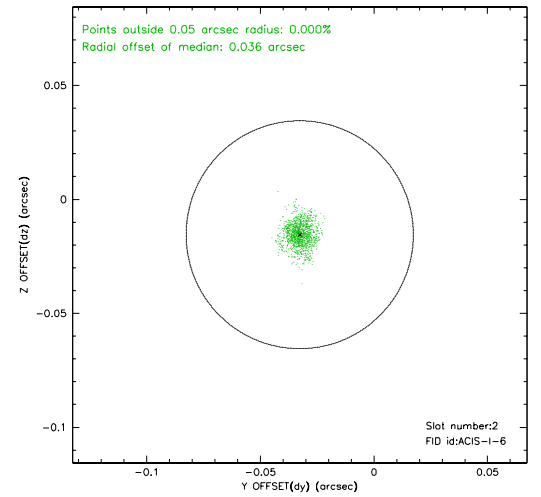
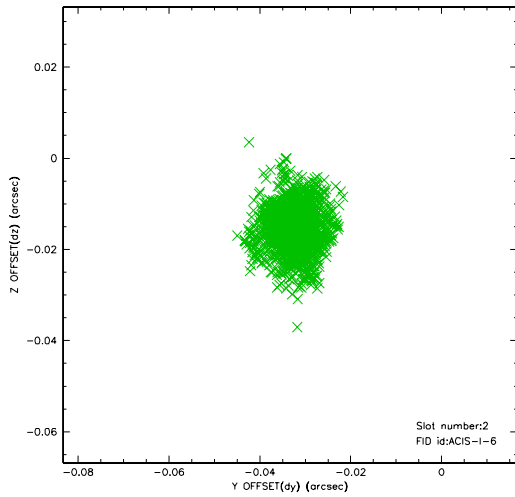
### 2.5.1 Slot 0



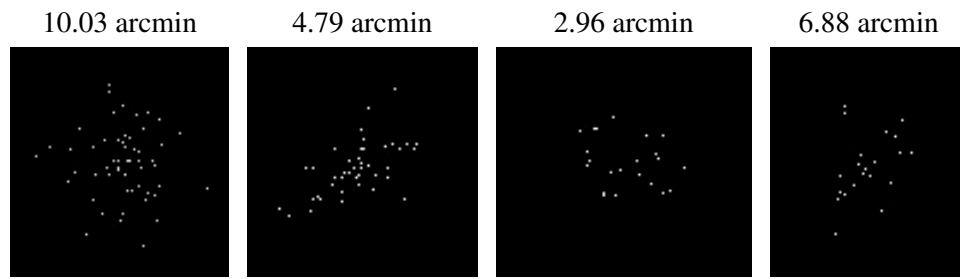
## 2.5.2 Slot 1



### 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	4.578

## A.2 Comments