

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5579 - L2 Version 002  
Chandra X-Ray Center

L2 Processing Date: Feb 16 2006

## Contents

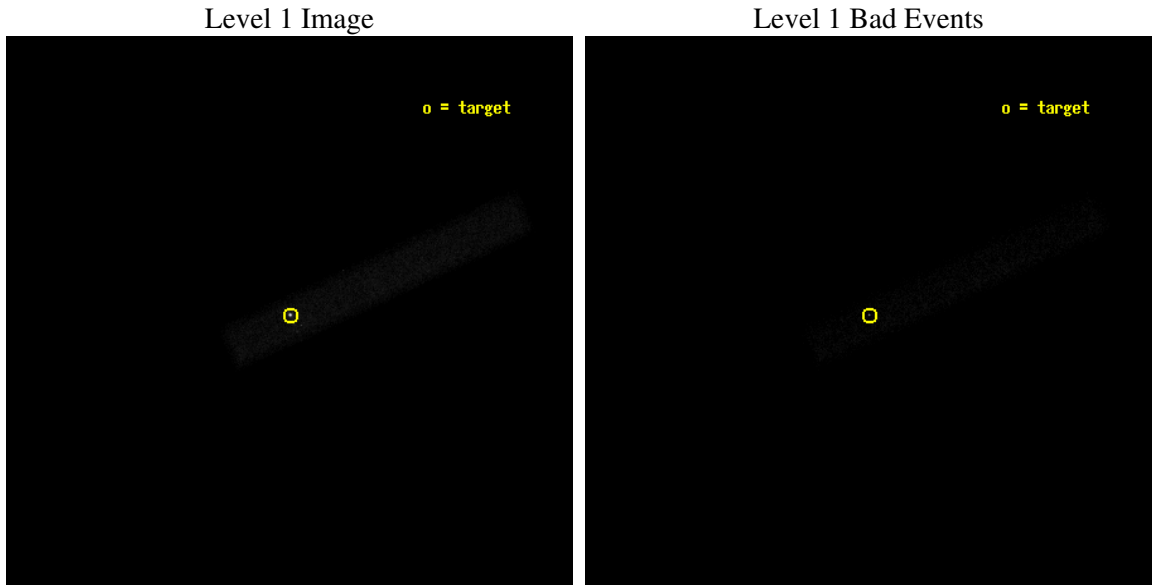
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## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-16T17:35:41
revision	2

sched_exp_time	35000.000000
ontime	36128.253468573
ontime7	36128.253468573
l1events	64451

### 2.1.4 Events

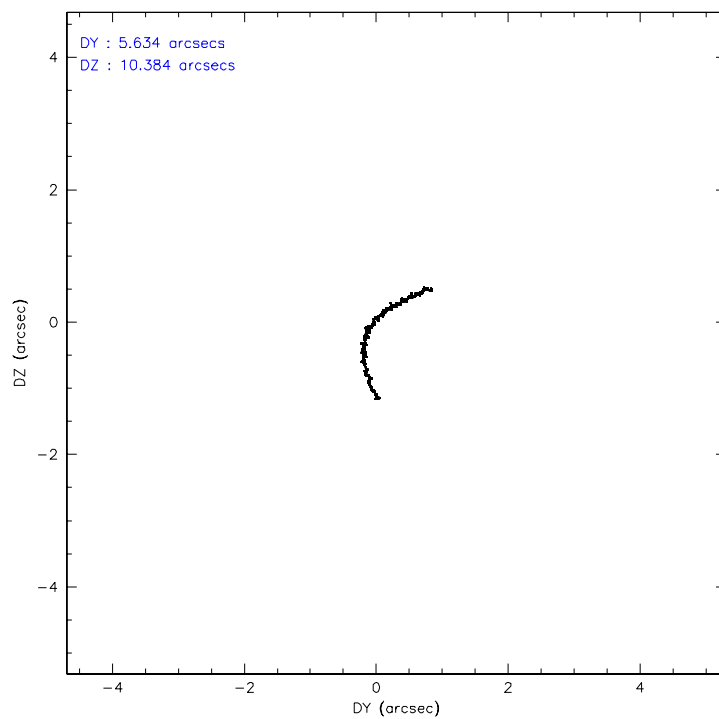
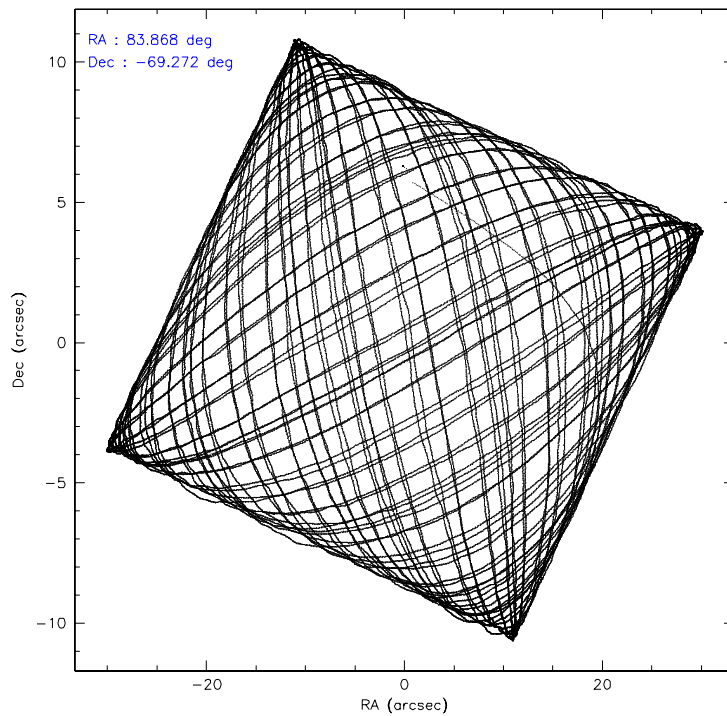
	<b>ccd 7</b>
level 1 events	64451
rejected events	26735
rejected %	41%

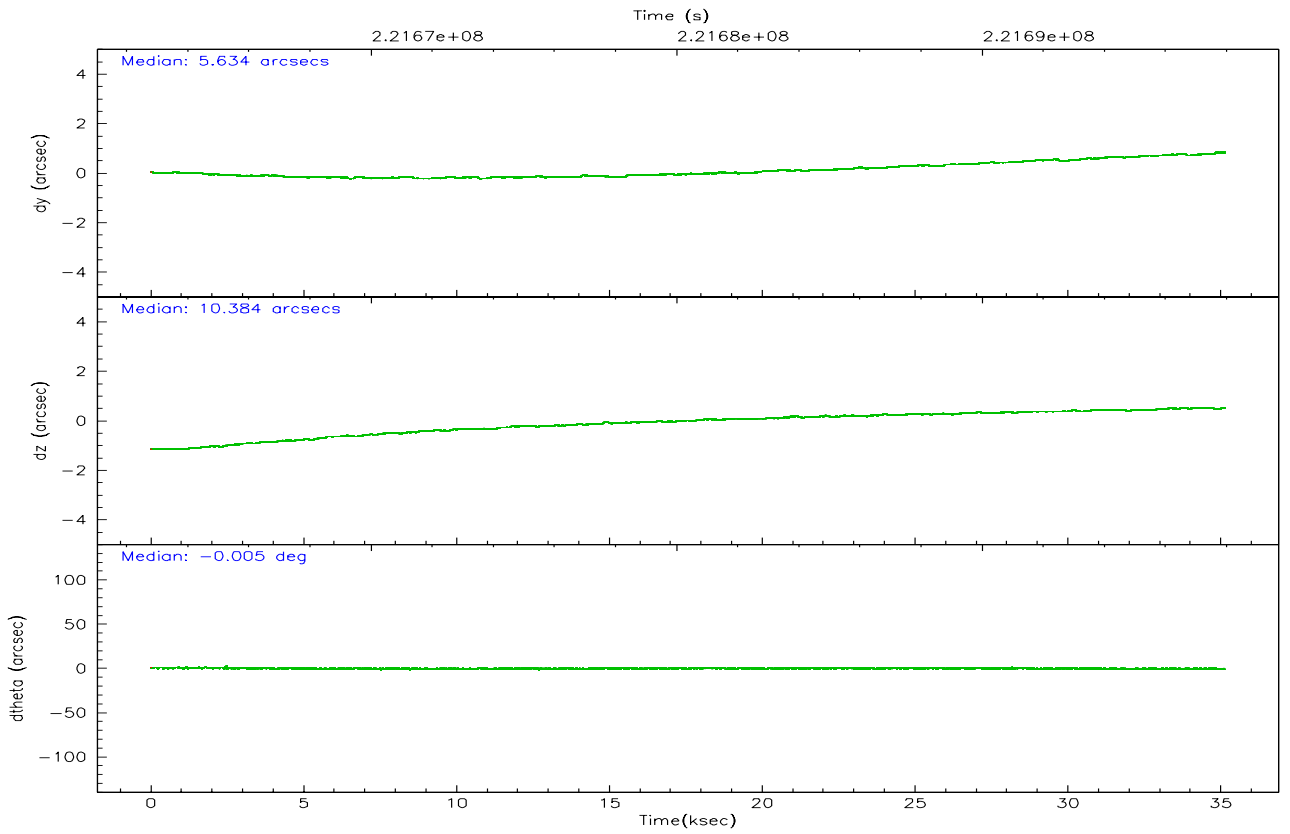
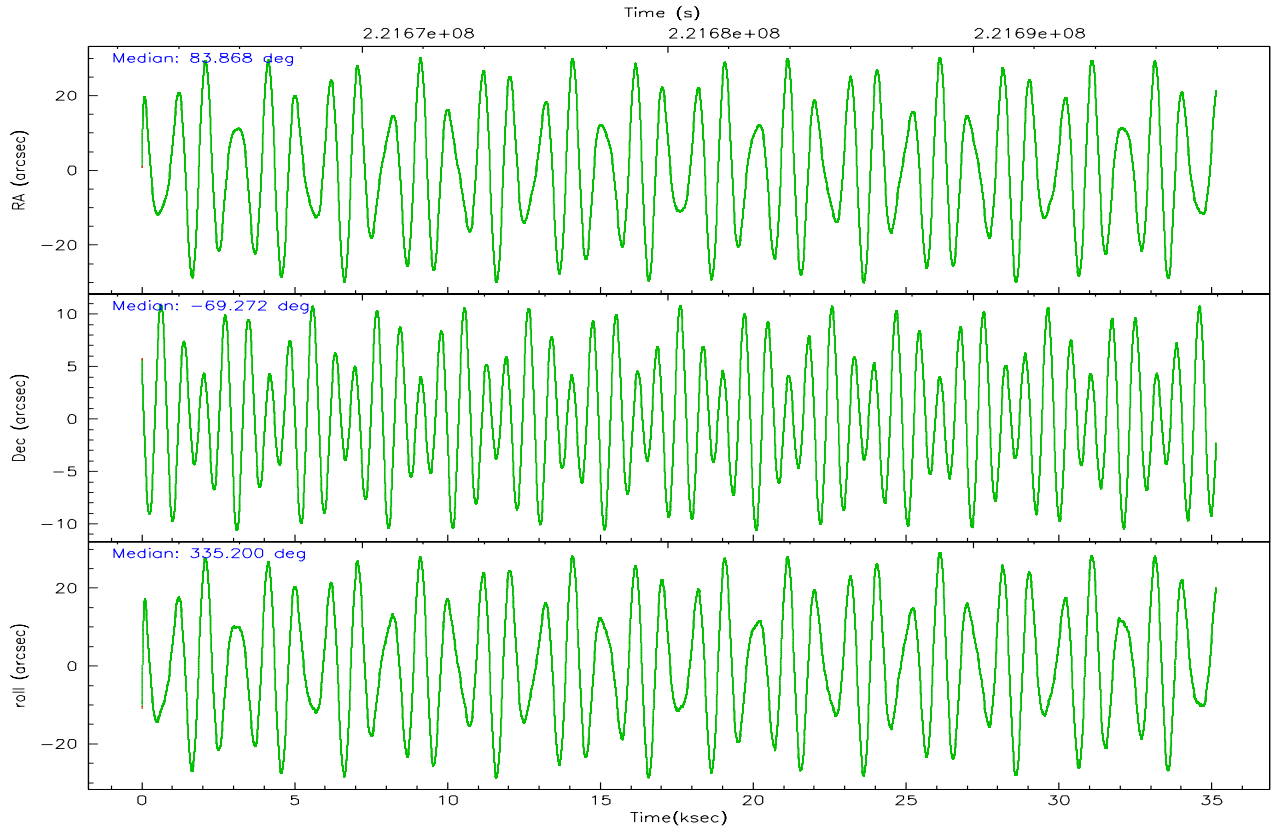
	<b>ccd 7</b>
grade 0 events	6896
	10%
grade 1 events	108
	0%
grade 2 events	9806
	15%
grade 3 events	4187
	6%
grade 4 events	4133
	6%
grade 5 events	3413
	5%
grade 6 events	13324
	20%
grade 7 events	22584
	35%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	1/8	1/8
Pointing RA	83.791334	83.86783175914751	Subarray start row	0	449
Pointing Dec	-69.274609	-69.27179330924787	Subarray row count	1024	128
Pointing Roll	334.981441	335.2096079930076	Alternating exposures requested	N	N
Window start time	221616064.184000	221616064.184000	Primary exposure time	0.000000	0.4
Window stop time	223171264.184000	223171264.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	221662947.184000	221661820.23272			
Observation start date	2005-01-09T13:01:23	2005-01-09T12:43:40			
Observation end time	221697947.184000	221699608.39692			
Observation end date	2005-01-09T22:44:43	2005-01-09T23:13:28			
Read mode	TIMED	TIMED			

## 2.3 Aspect



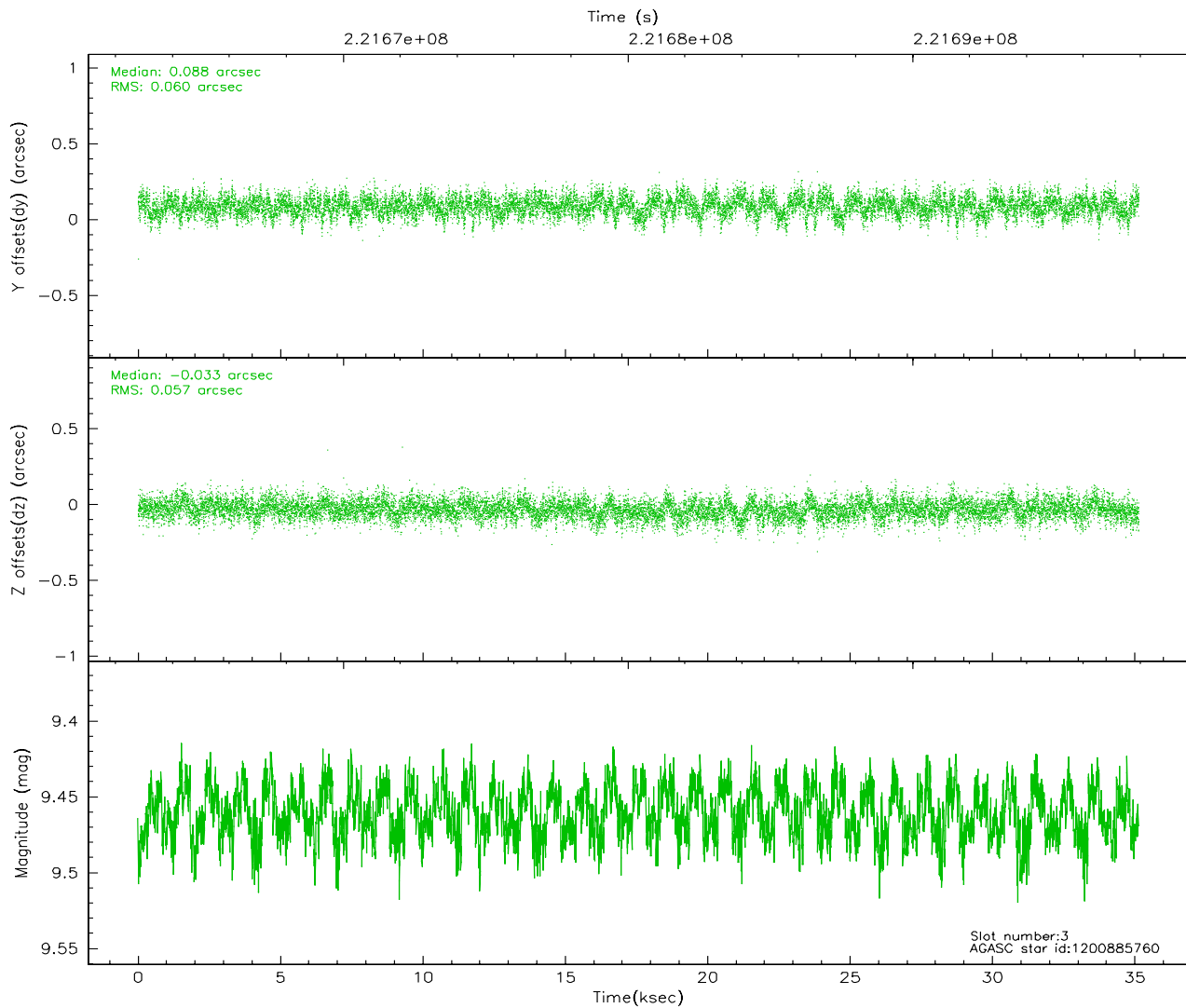
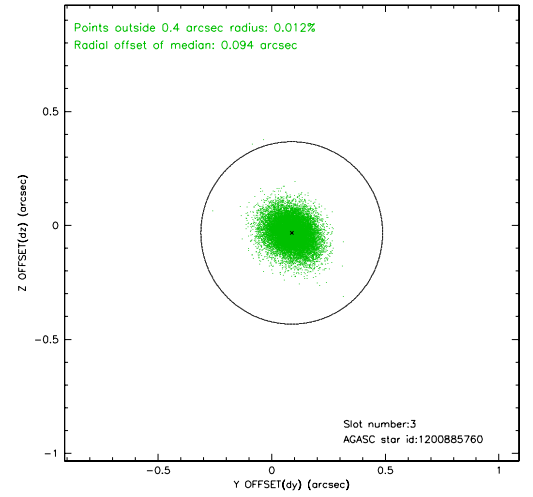
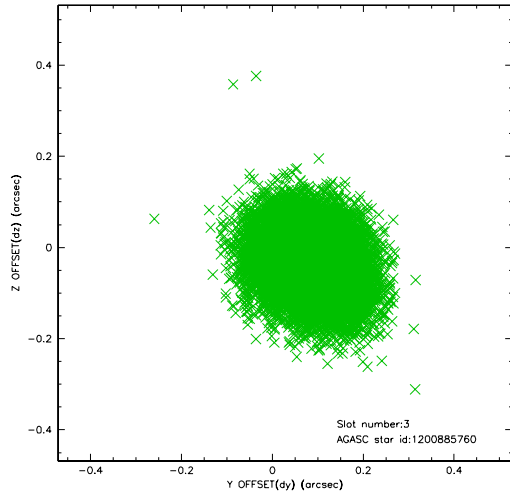


### Slot Statistics

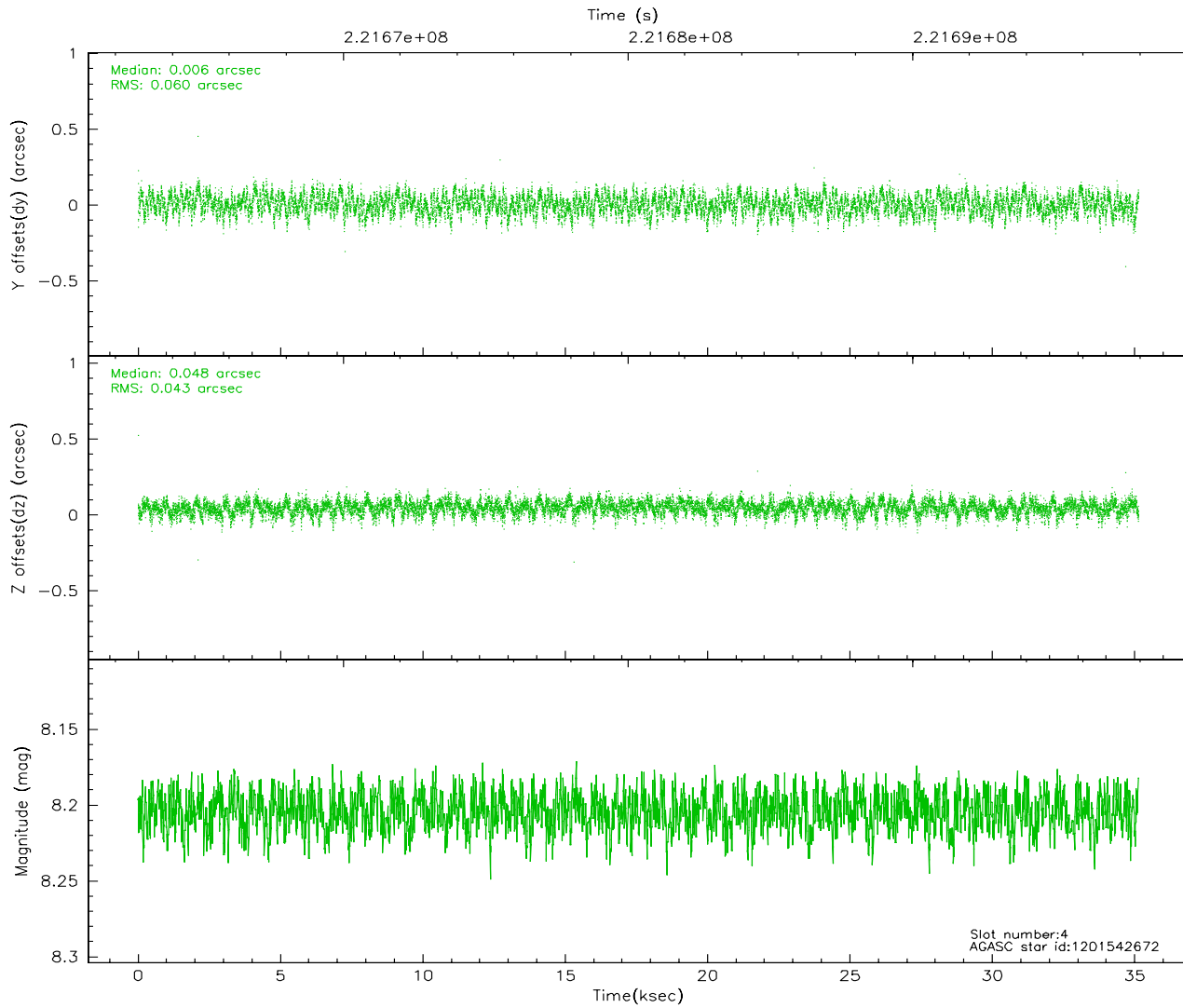
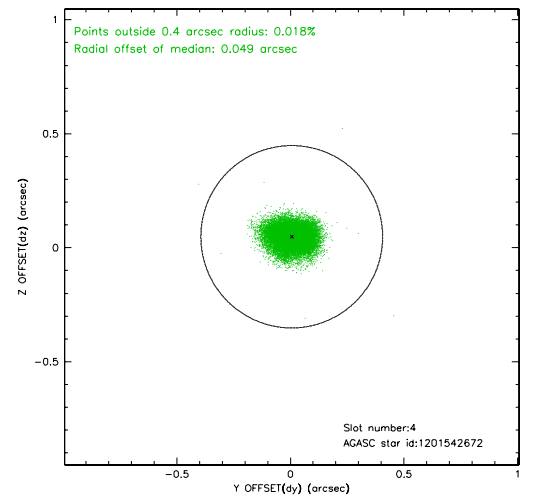
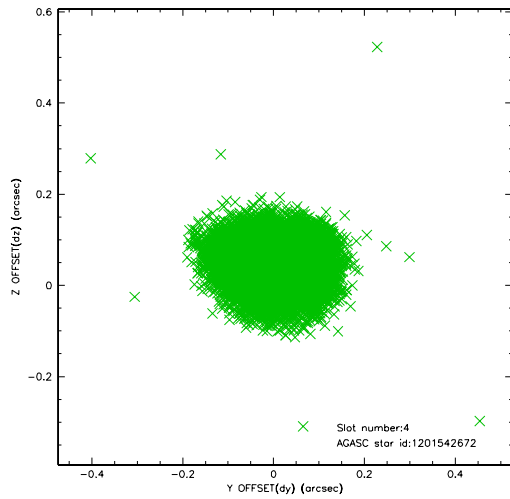
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	8571	-0.003	-0.014	0.029	0.040	0.000000	0.000000	937.54	-1727.18
1	FID	ACIS-S-5	7.23	8571	-0.052	-0.009	0.014	0.021	0.000000	0.000000	-1811.46	170.38
2	FID	ACIS-S-6	7.35	8571	0.037	0.040	0.032	0.051	0.000000	0.000000	403.12	814.39
3	GUIDE	1200885760	9.46	17132	0.088	-0.033	0.088	0.145	83.723637	-68.777667	-836.44	1583.97
4	GUIDE	1201542672	8.20	17138	0.006	0.048	0.079	0.125	84.492488	-69.957531	1826.12	-1864.82
5	GUIDE	1200884248	9.48	17128	-0.053	-0.202	0.111	0.181	83.880915	-68.565170	-973.37	2364.20
6	GUIDE	1201411288	9.24	17128	-0.132	0.031	0.106	0.169	81.410076	-69.595403	-2194.60	-2362.55
7	GUIDE	1201410616	9.33	17126	0.085	0.160	0.123	0.217	82.516808	-69.784406	-653.02	-2348.22

## 2.4 Star Slots

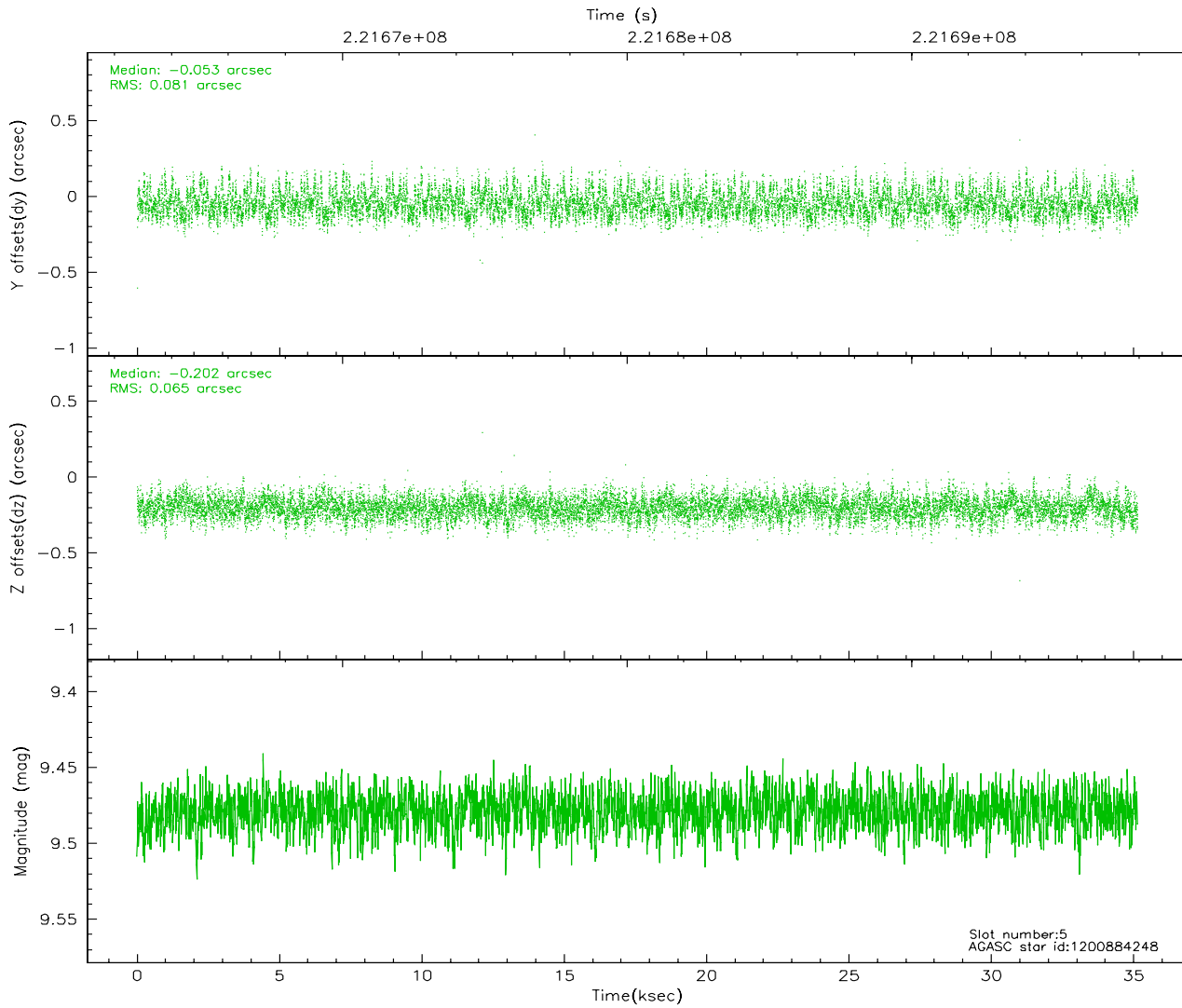
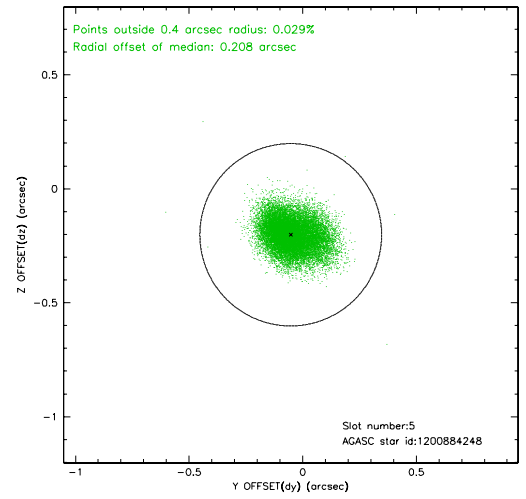
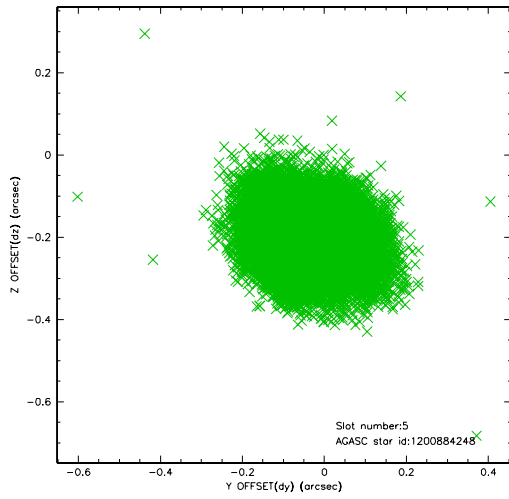
### 2.4.1 Slot 3



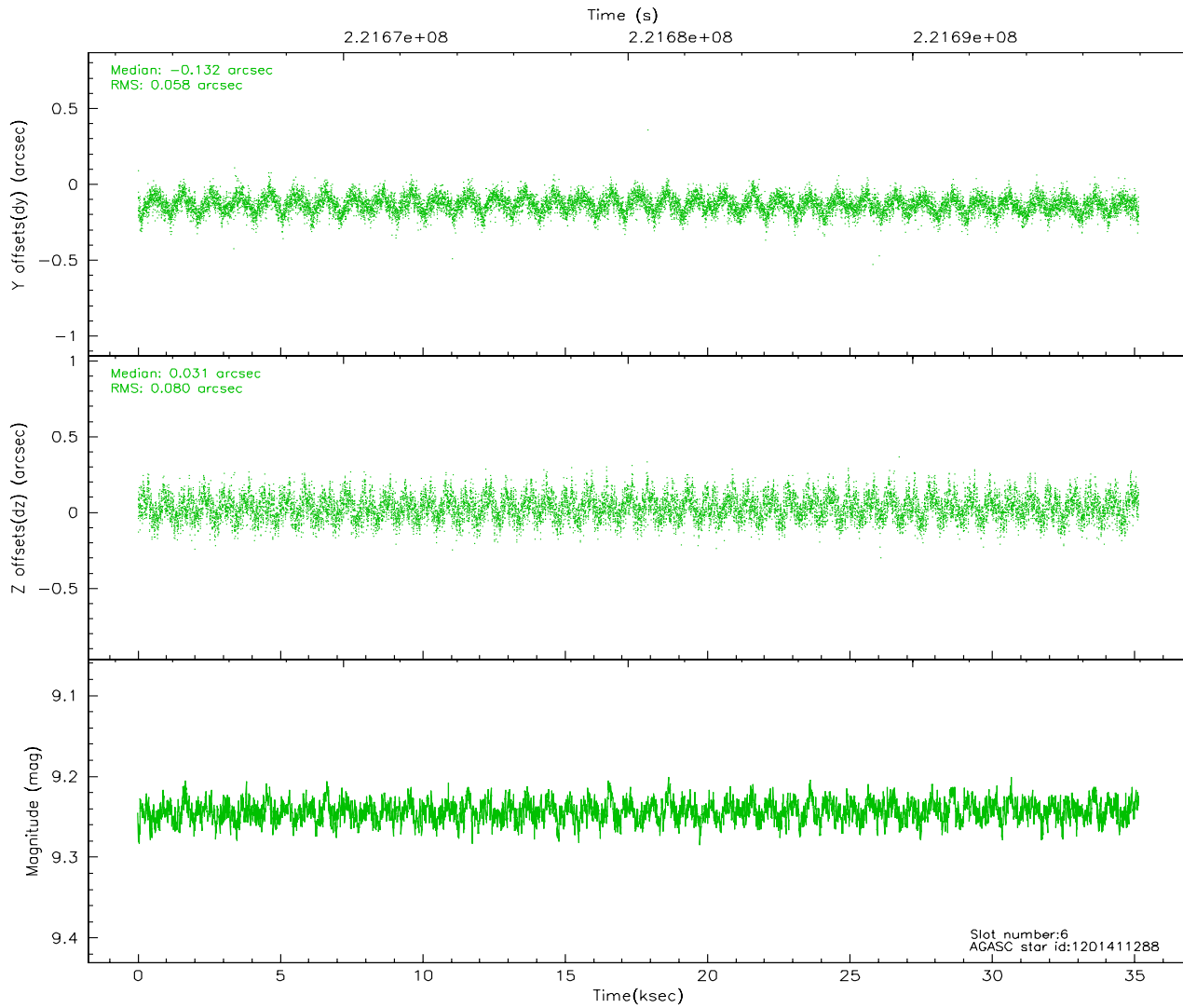
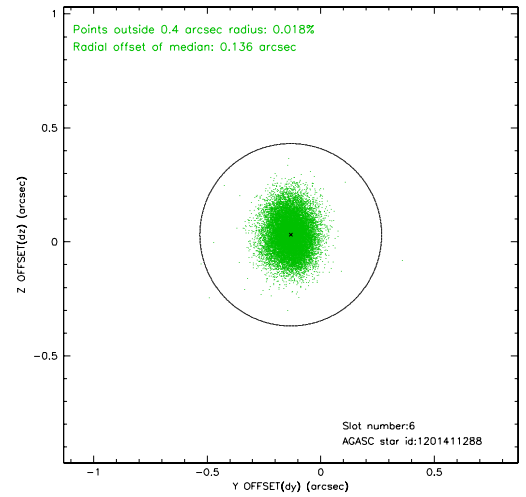
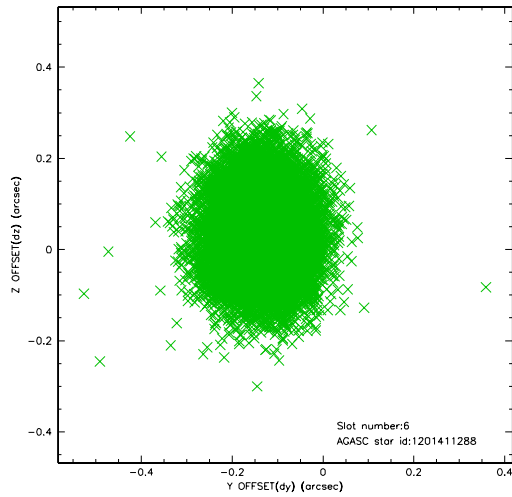
## 2.4.2 Slot 4



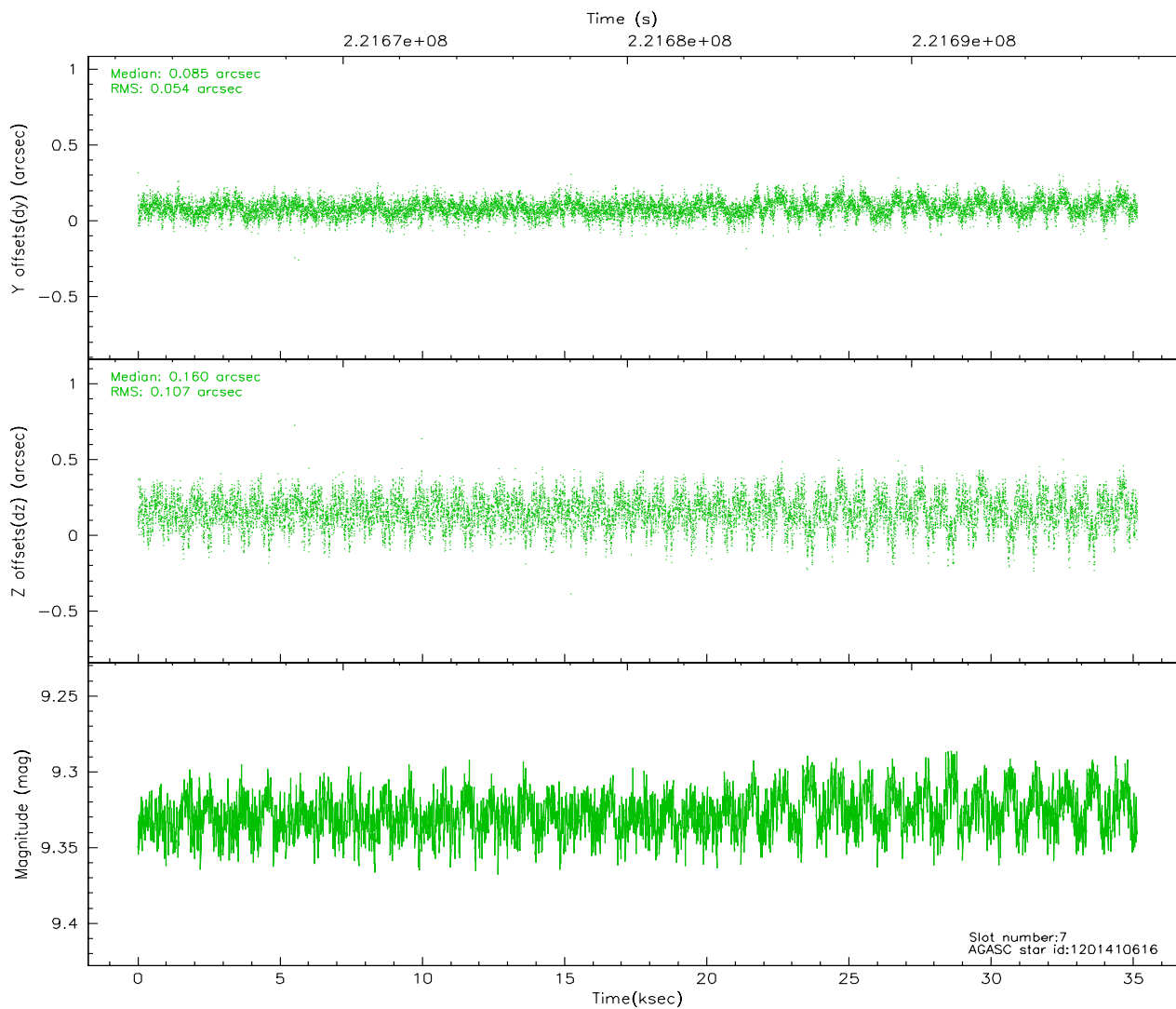
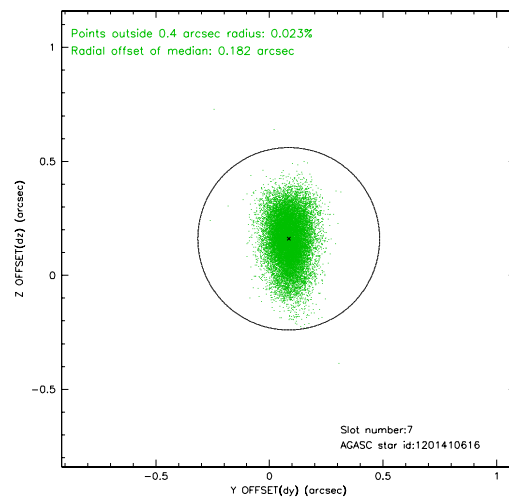
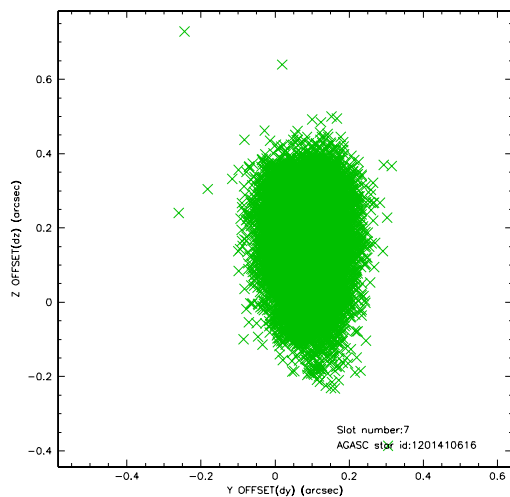
### 2.4.3 Slot 5



### 2.4.4 Slot 6

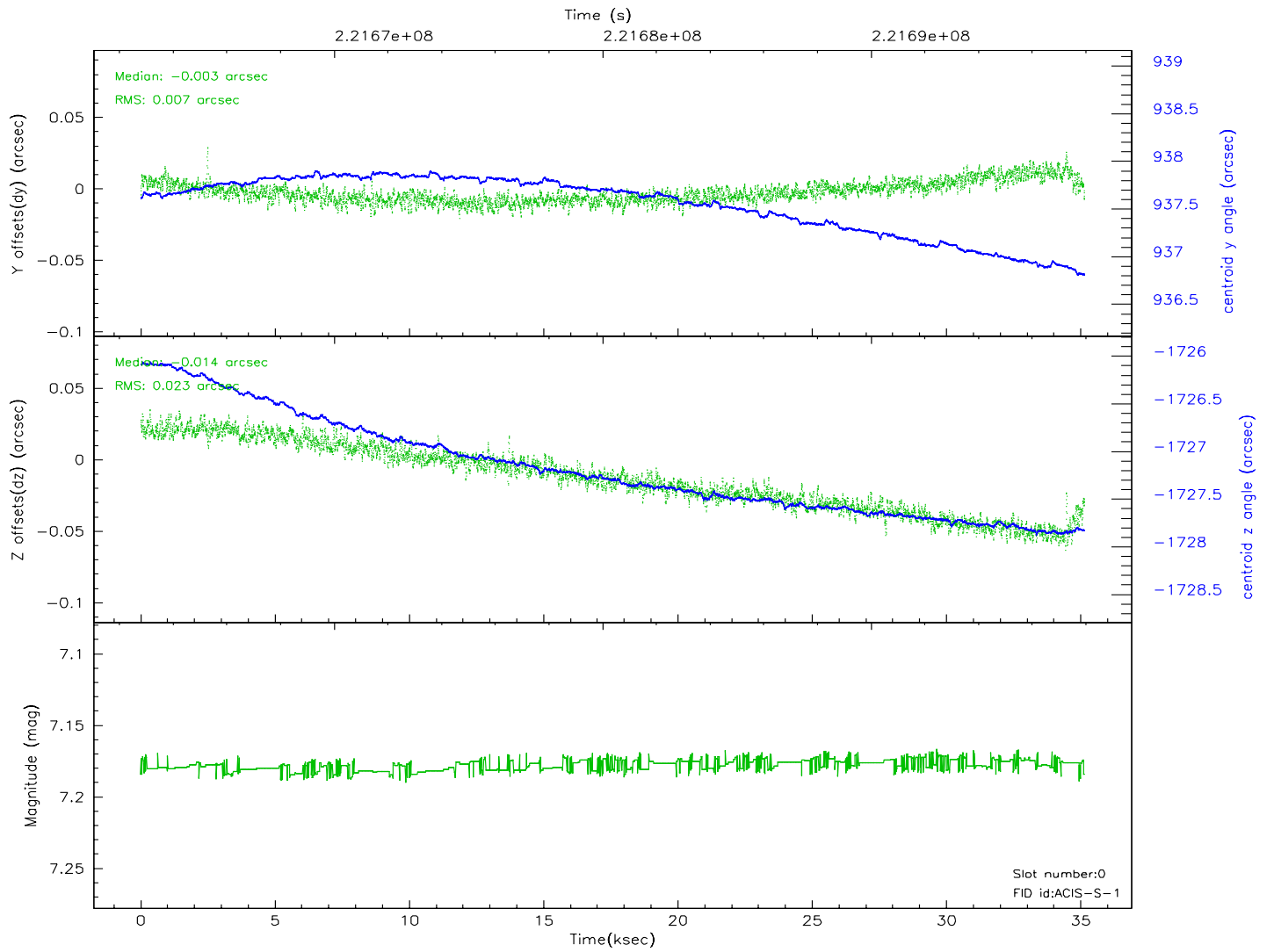
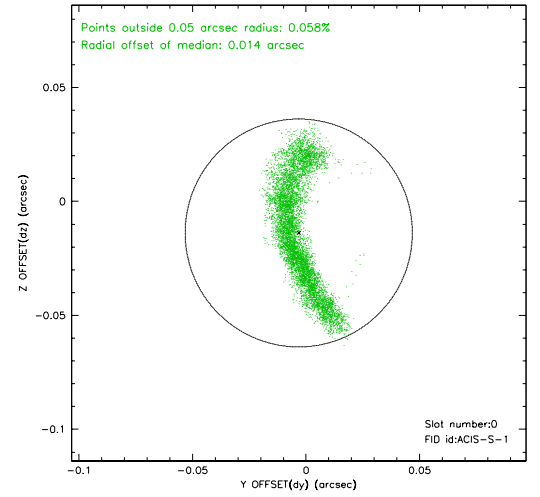
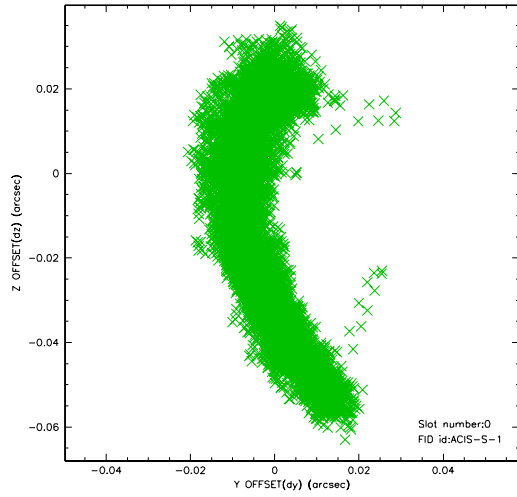


### 2.4.5 Slot 7

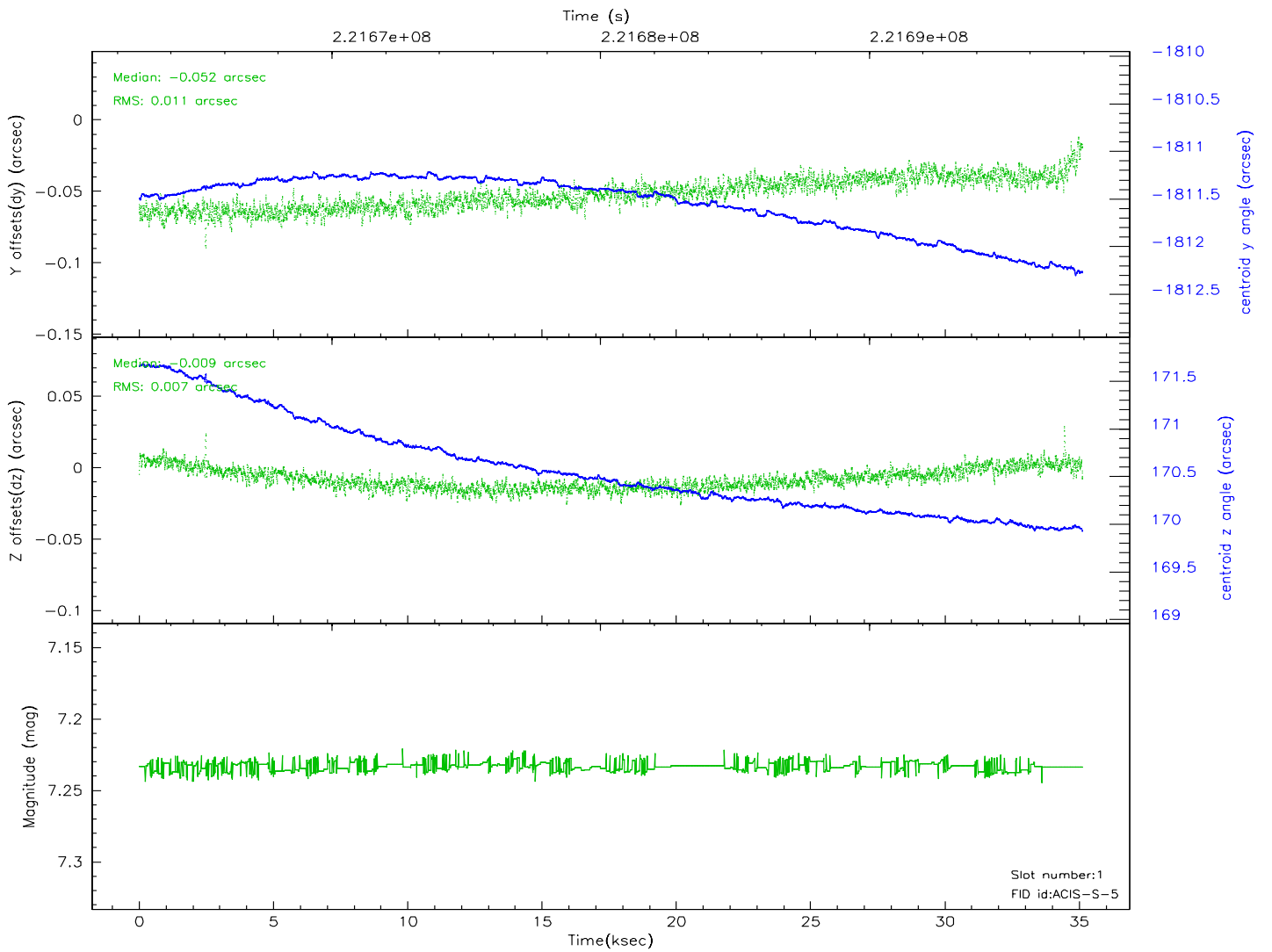
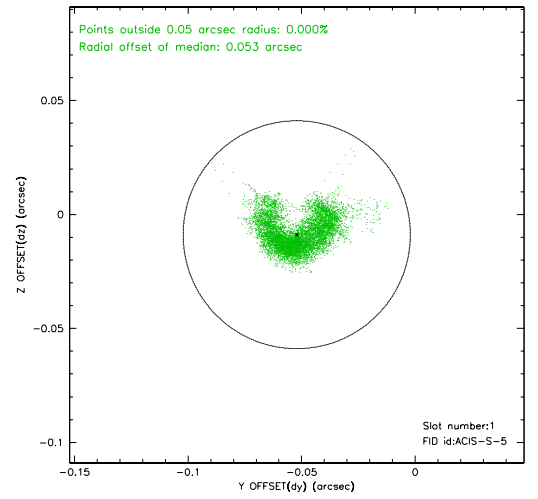
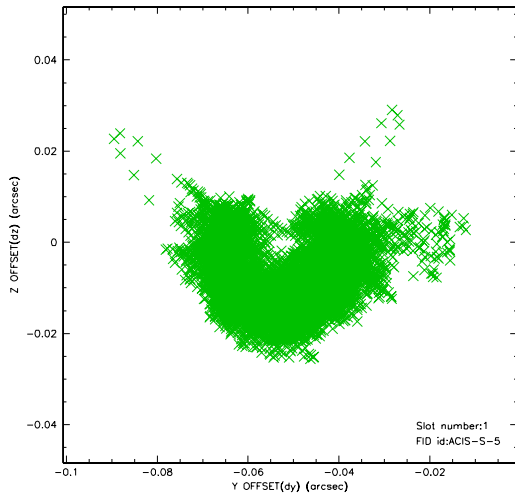


## 2.5 FID Slots

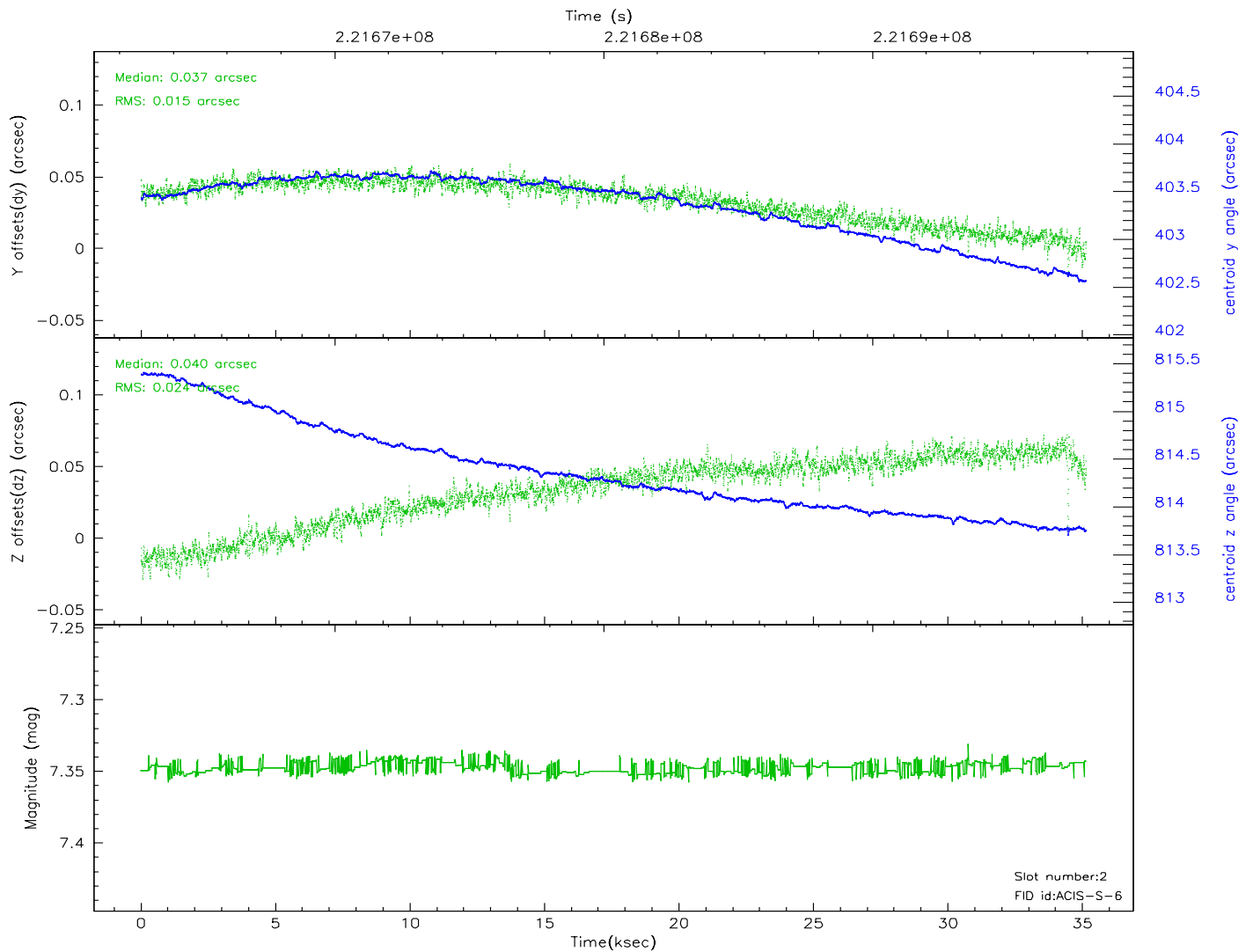
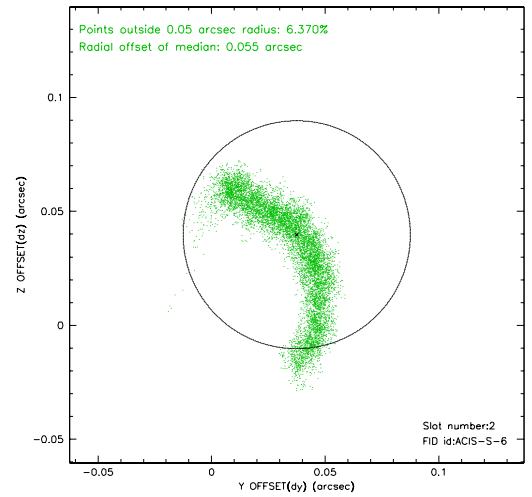
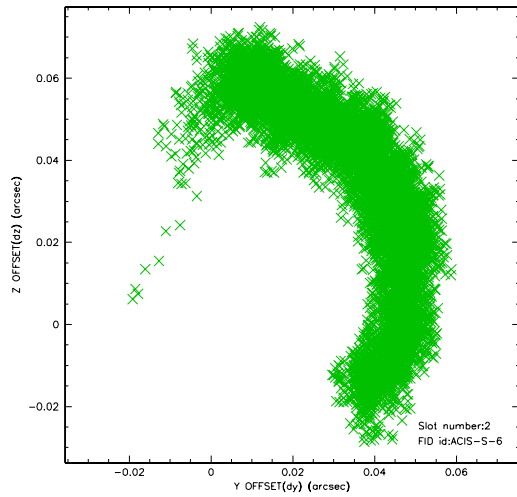
### 2.5.1 Slot 0



## 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)	2006.02.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.1384

## A.2 Comments

Charge time:

Using existing charge time of 35.1384.