

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 4854 - L2 Version 002  
Chandra X-Ray Center

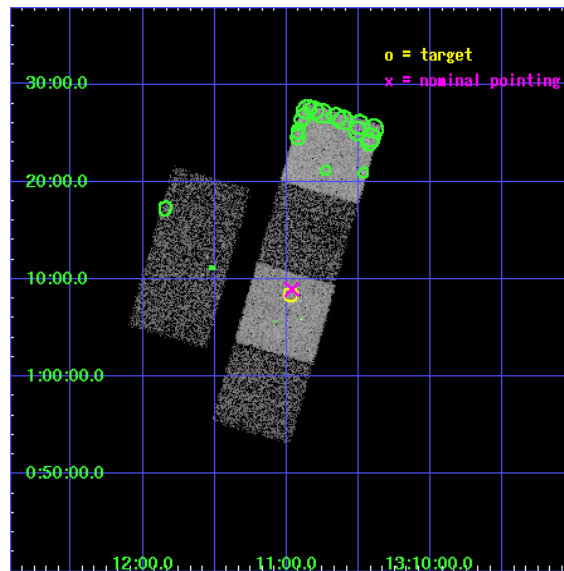
L2 Processing Date : Jun 1 2006

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# 1 Front

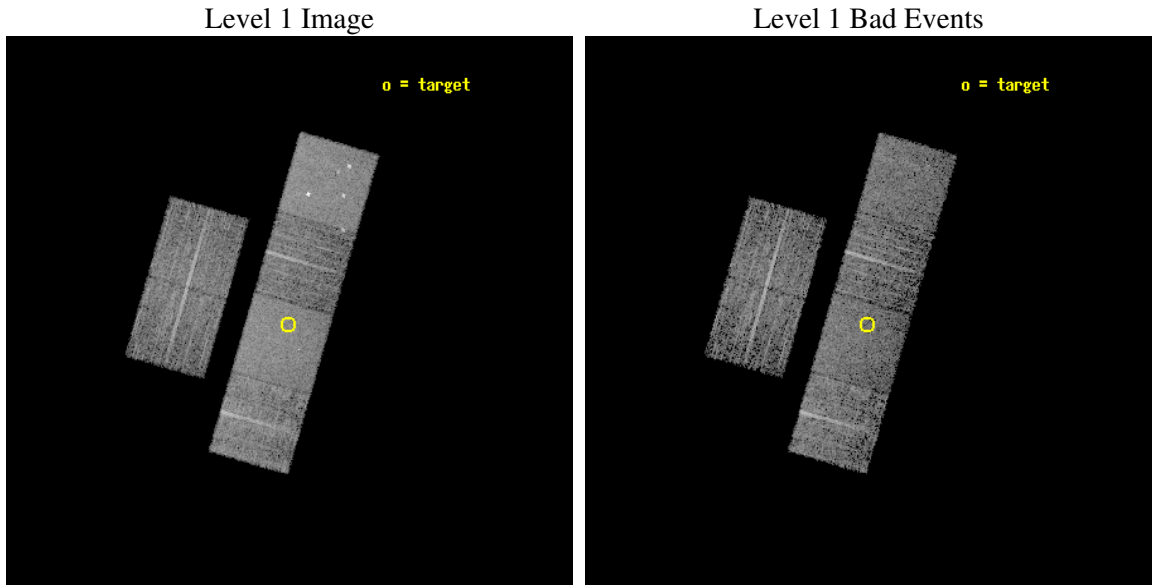
seq_num	700936
obs_id	4854
title	X-ray Properties of Dust Reddened Quasars from the Sloan Digital Sky Survey
observer	Gordon Richards
object	SDSS J131058.14+010822.1
dtcycle	0
cycle	P
ra_targ	197.742083
dec_targ	1.139472
ra_nom	197.74102196234
dec_nom	1.1490086668395
roll_nom	106.14902802867
revision	4
ontime	5516.7999794483
livetime	5446.9429362904
ontime2	5516.7999794483
ontime3	5516.7999794483
ontime5	5516.7999794483
ontime6	5513.558999151
ontime7	5516.7999794483
ontime8	5516.7999794483
l2events	57821



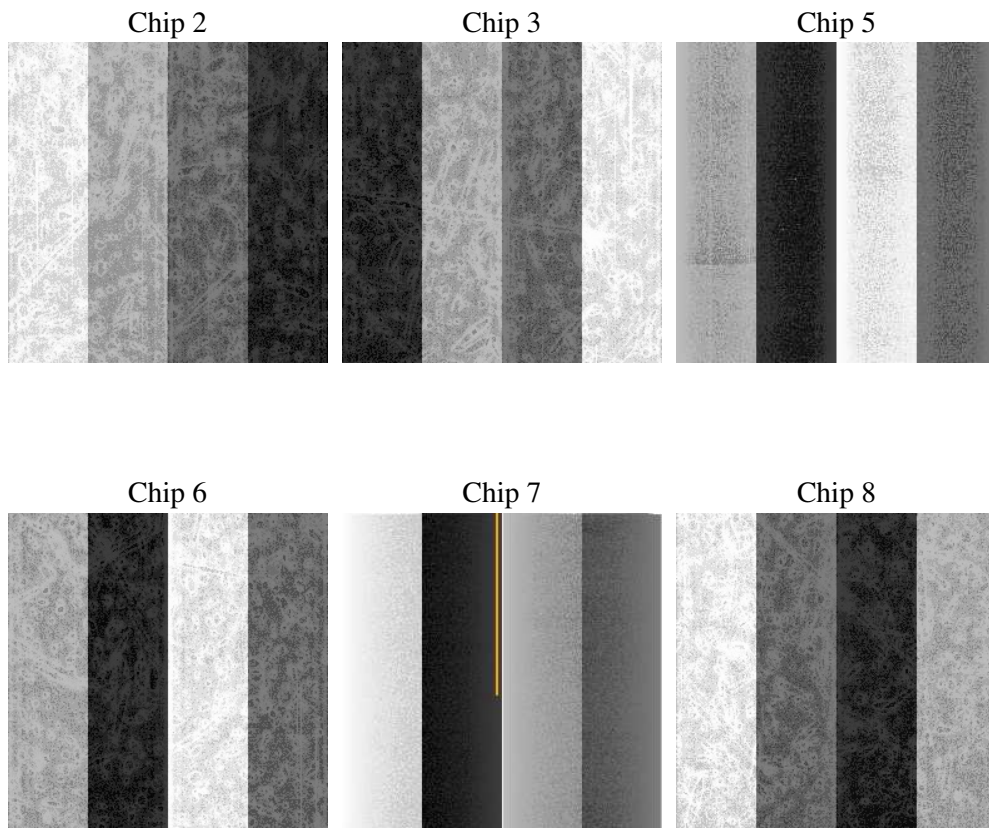
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-01T16:58:17
revision	4

sched_exp_time	5560.000000
ontime	5522.6767327785
ontime2	5522.6767327785
ontime3	5522.6767327785
ontime5	5522.6767526865
ontime6	5519.4357524812
ontime7	5522.6767327785
ontime8	5522.6767327785
l1events	267672

### 2.1.4 Events

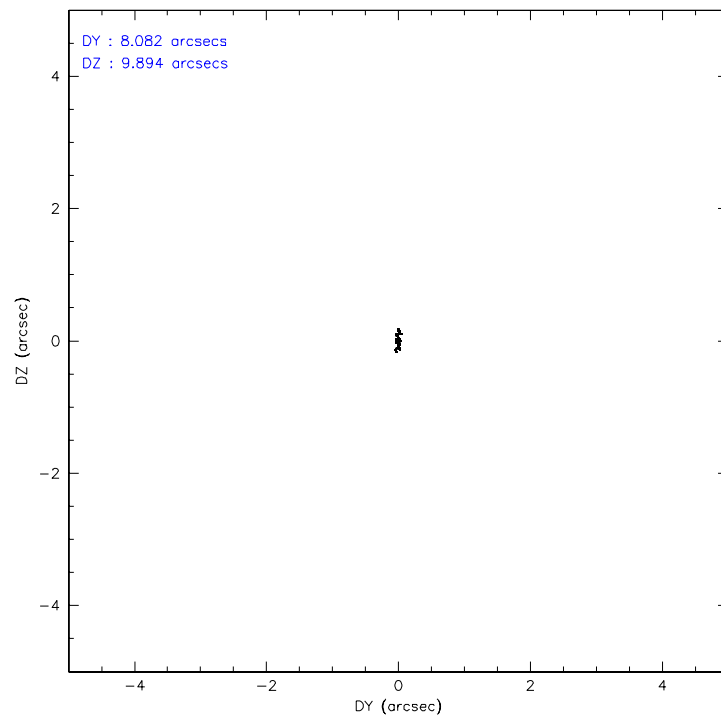
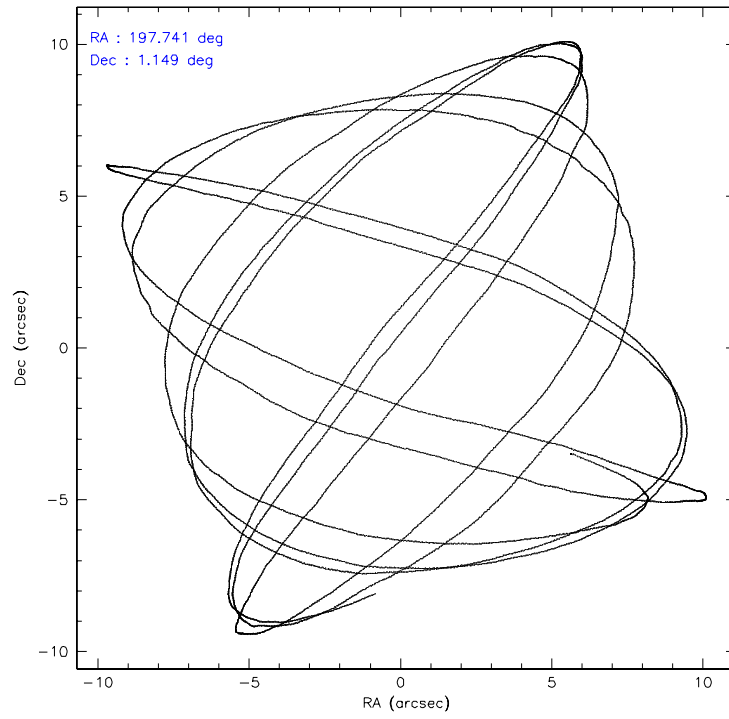
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	39054	36394	57928	36449	51174	46673
rejected events	34467	32080	31191	32101	31672	37480
rejected %	88%	88%	53%	88%	61%	80%

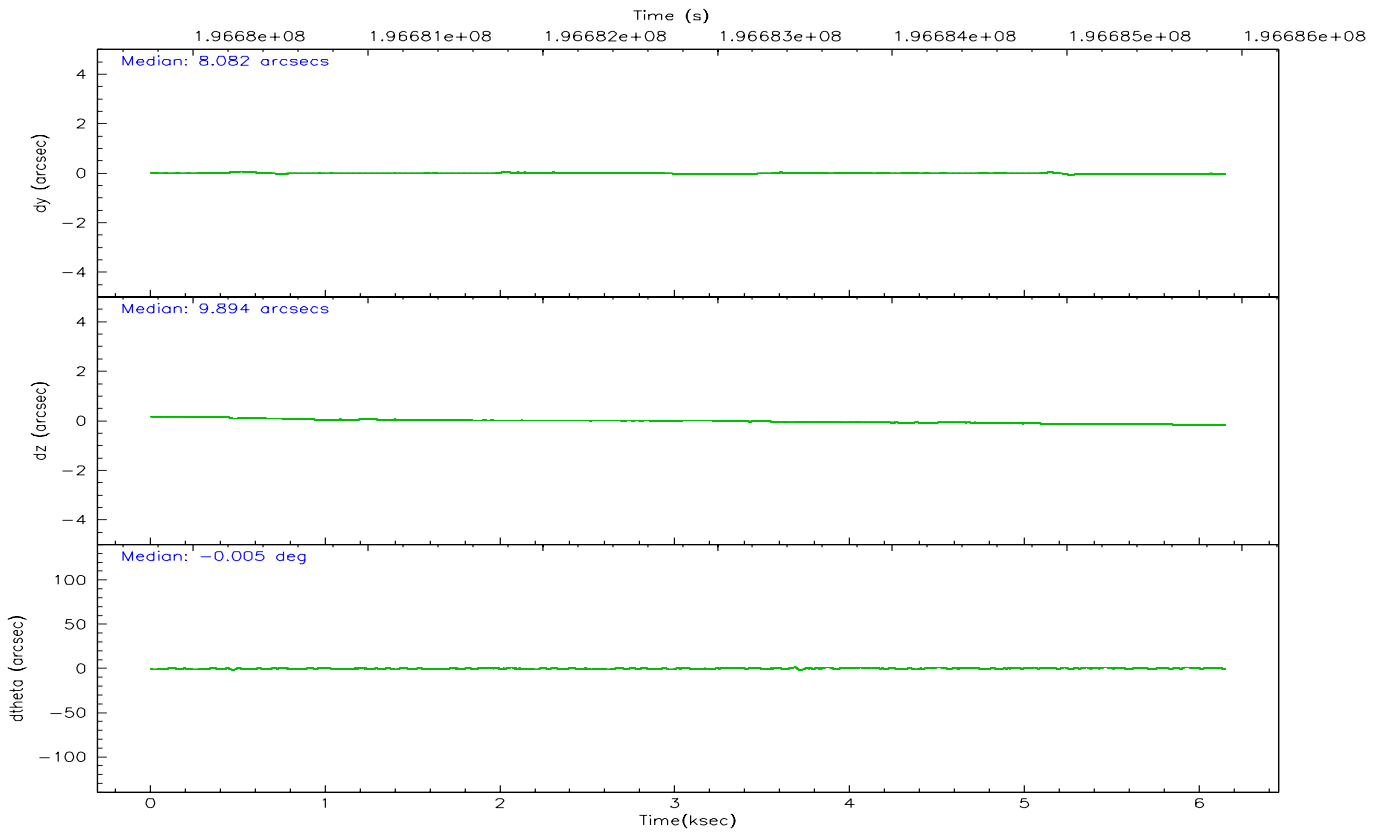
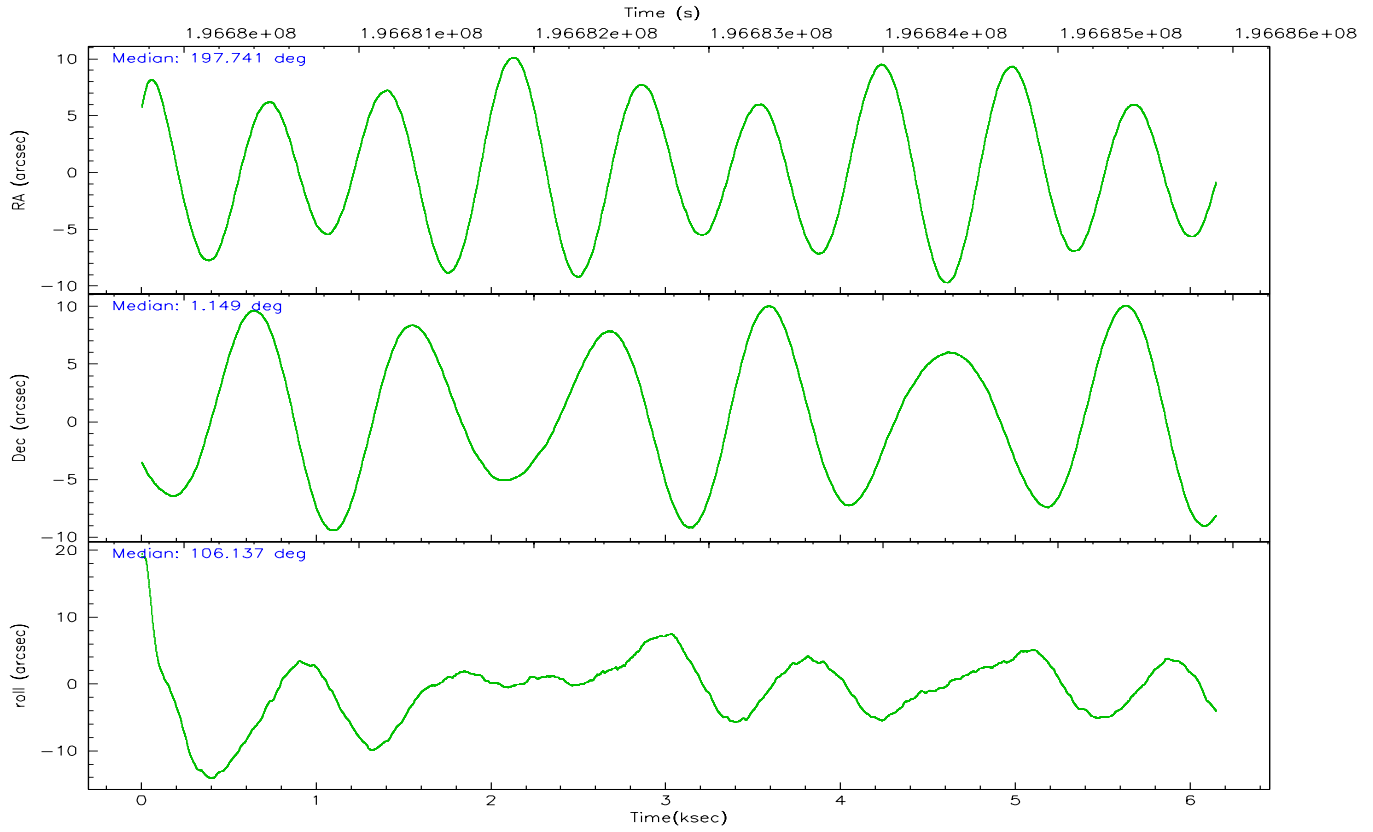
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2031	1872	3628	1754	1085	2849
	5%	5%	6%	4%	2%	6%
grade 1 events	14	19	94	13	26	24
	0%	0%	0%	0%	0%	0%
grade 2 events	990	822	7840	905	4924	2044
	2%	2%	13%	2%	9%	4%
grade 3 events	409	411	550	414	968	1016
	1%	1%	0%	1%	1%	2%
grade 4 events	388	414	516	446	903	909
	0%	1%	0%	1%	1%	1%
grade 5 events	1509	1586	2644	1673	3269	2270
	3%	4%	4%	4%	6%	4%
grade 6 events	779	802	14227	833	11649	2378
	1%	2%	24%	2%	22%	5%
grade 7 events	32934	30468	28429	30411	28350	35183
	84%	83%	49%	83%	55%	75%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	197.760958	197.7410219623434	Alternating exposures requested	N	N
Pointing Dec	1.130495	1.149008666839467	Primary exposure time	0.000000	3.2
Pointing Roll	105.991944	106.1490280286688			
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	196680350.184000	196679189.18305			
Observation start date	2004-03-26T09:24:46	2004-03-26T09:06:29			
Observation end time	196685910.184000	196686809.54588			
Observation end date	2004-03-26T10:57:26	2004-03-26T11:13:29			
Read mode	TIMED	TIMED			

## 2.3 Aspect



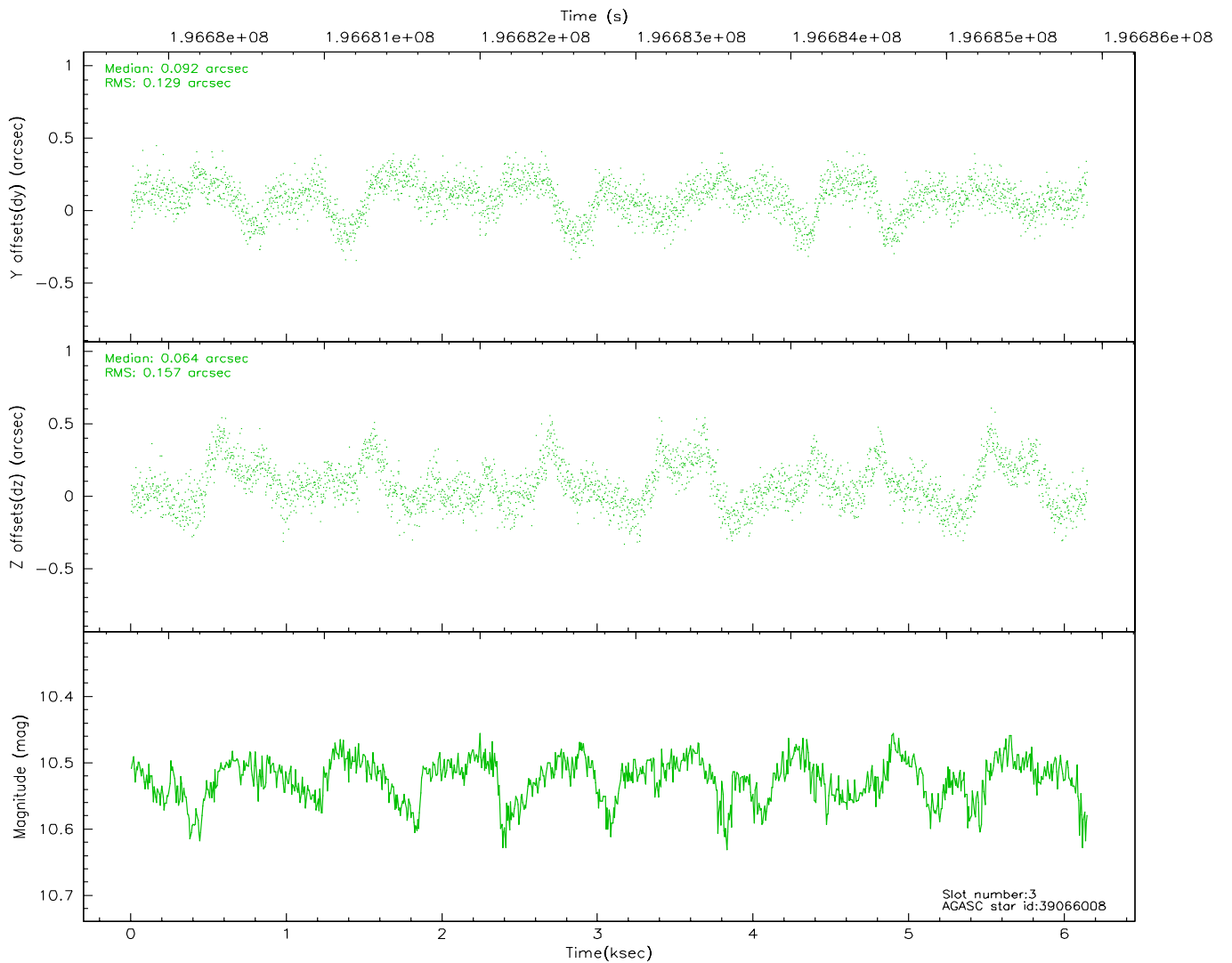
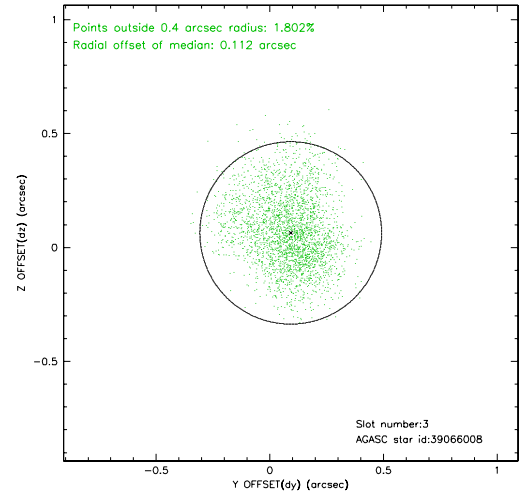
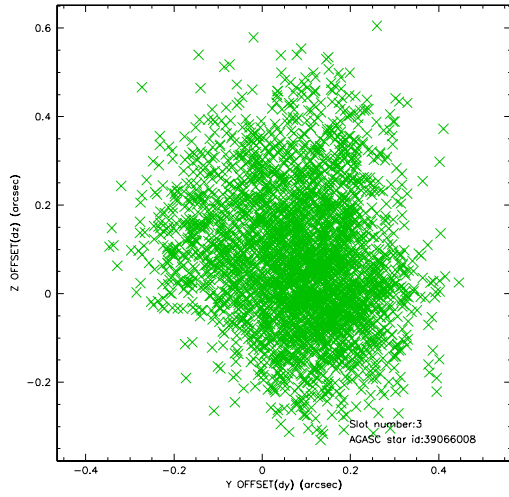


### Slot Statistics

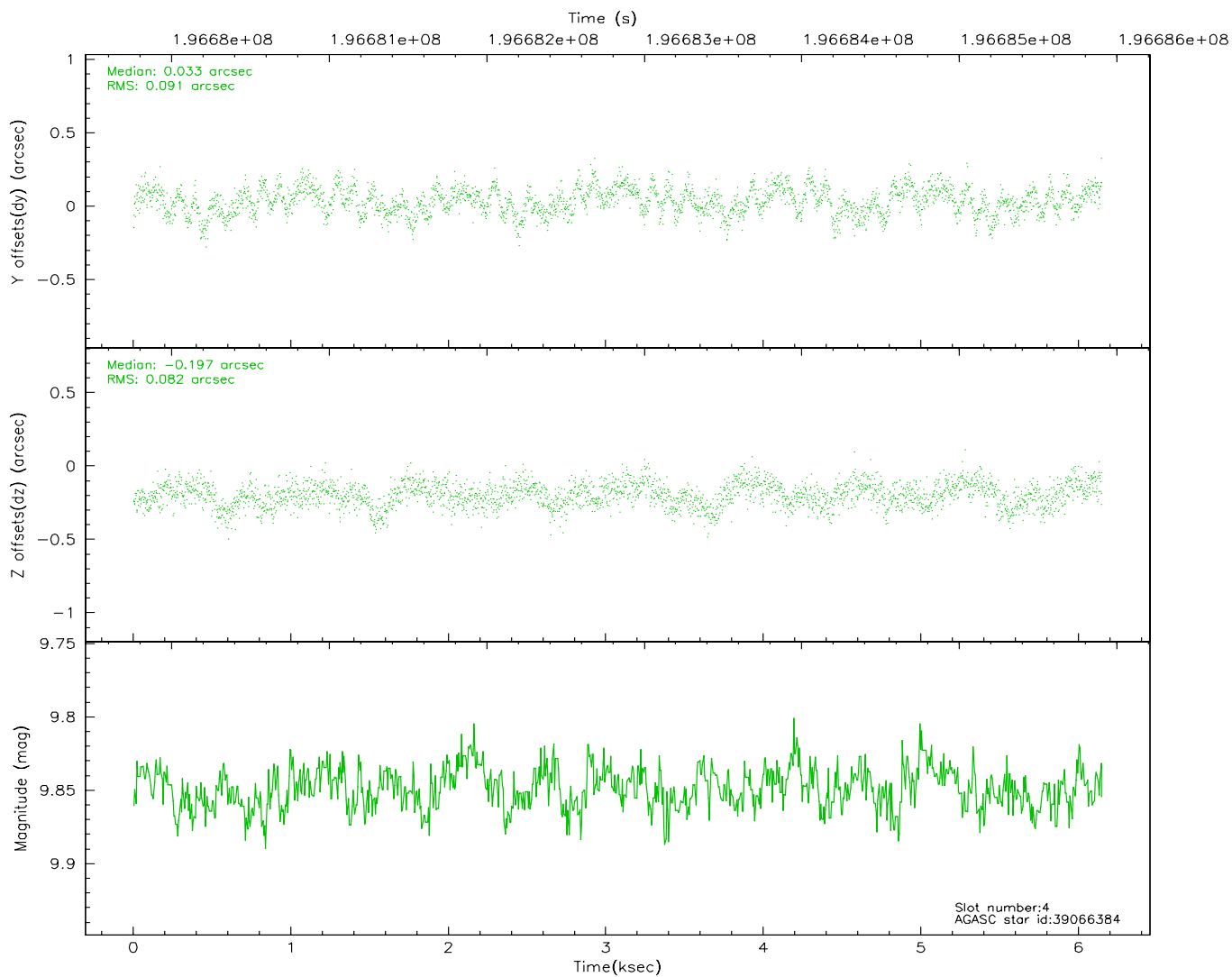
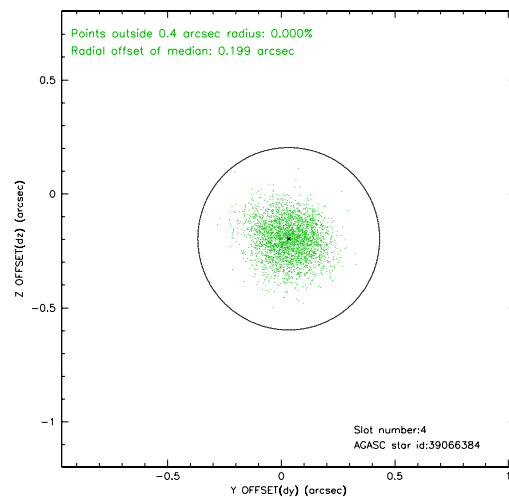
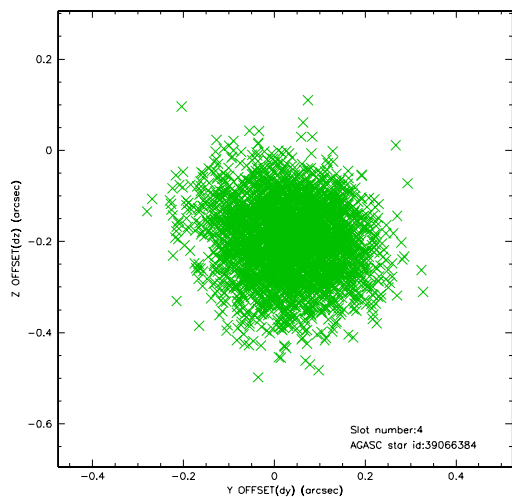
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1498	-0.027	-0.001	0.008	0.015	0.000000	0.000000	-760.85	-1731.14
1	FID	ACIS-S-4	7.20	1499	0.059	0.013	0.008	0.014	0.000000	0.000000	2152.04	176.43
2	FID	ACIS-S-5	7.23	1499	-0.063	-0.003	0.008	0.014	0.000000	0.000000	-1812.53	171.09
3	GUIDE	39066008	10.52	2996	0.092	0.064	0.217	0.354	197.446837	0.858969	-627.96	1356.19
4	GUIDE	39066384	9.85	2995	0.033	-0.197	0.130	0.210	197.255307	0.655946	-1141.20	2220.28
5	GUIDE	39191520	8.85	2999	-0.028	0.079	0.104	0.163	197.717780	1.725616	2102.03	-439.70
6	GUIDE	39192736	9.99	2996	-0.092	0.045	0.128	0.213	198.255413	1.617492	1196.63	-2193.35
7	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

## 2.4 Star Slots

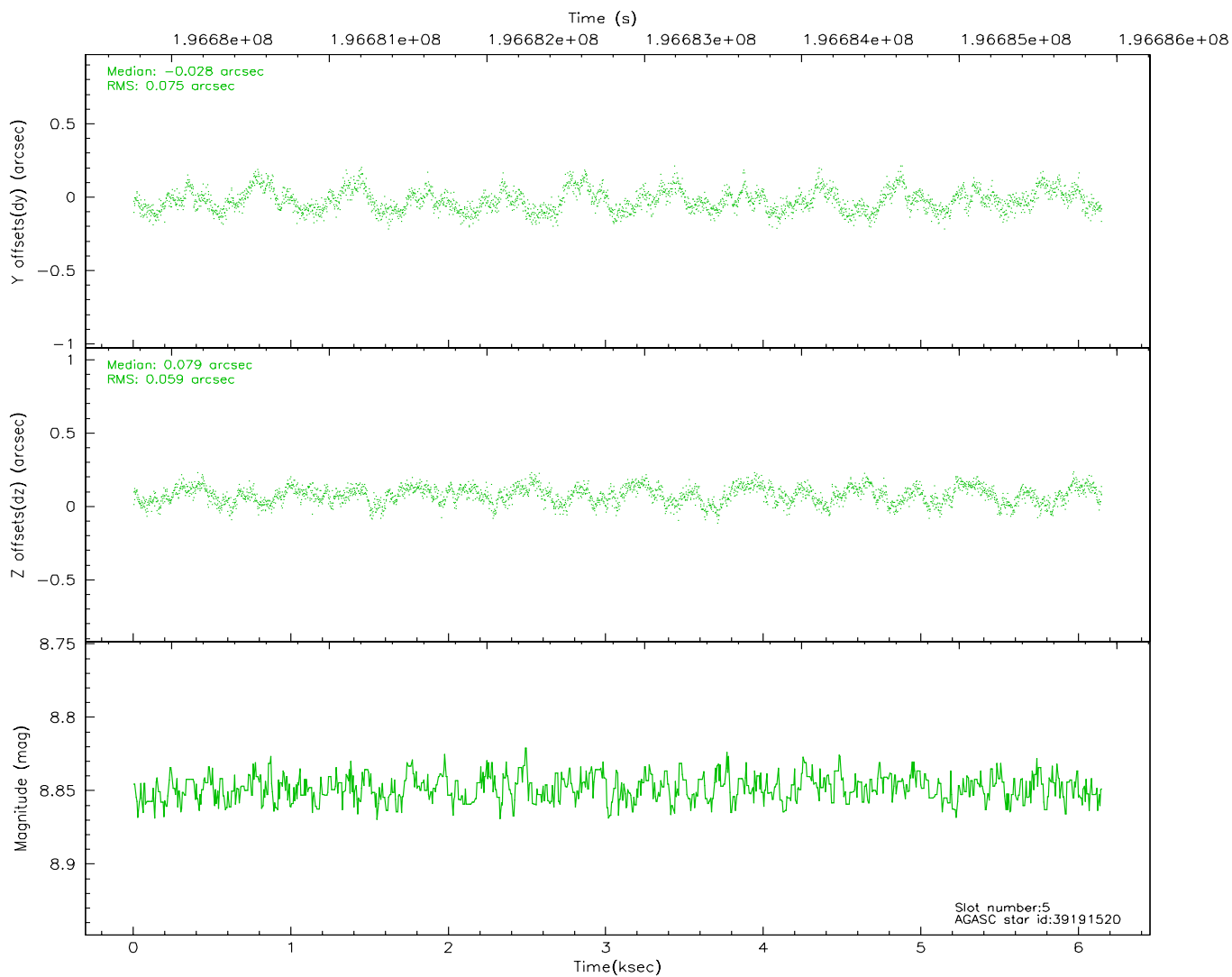
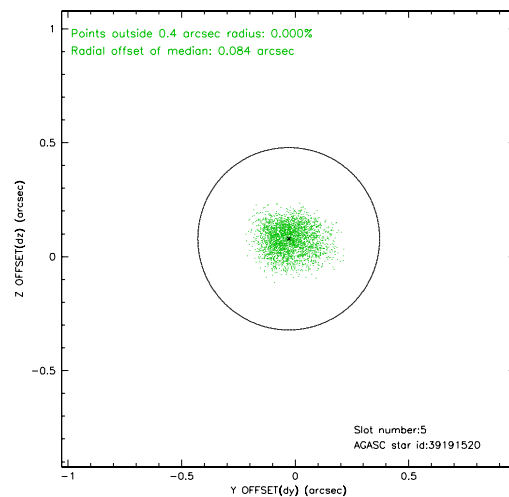
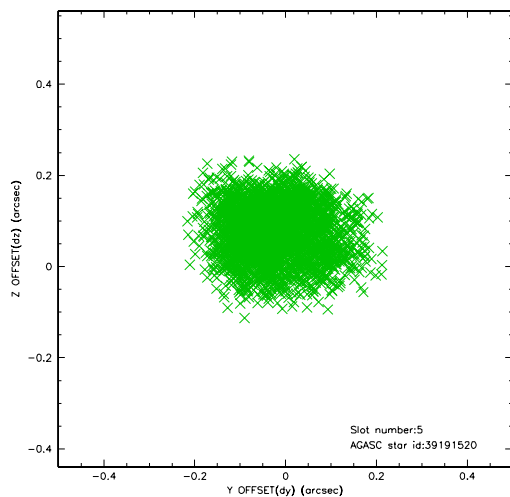
### 2.4.1 Slot 3



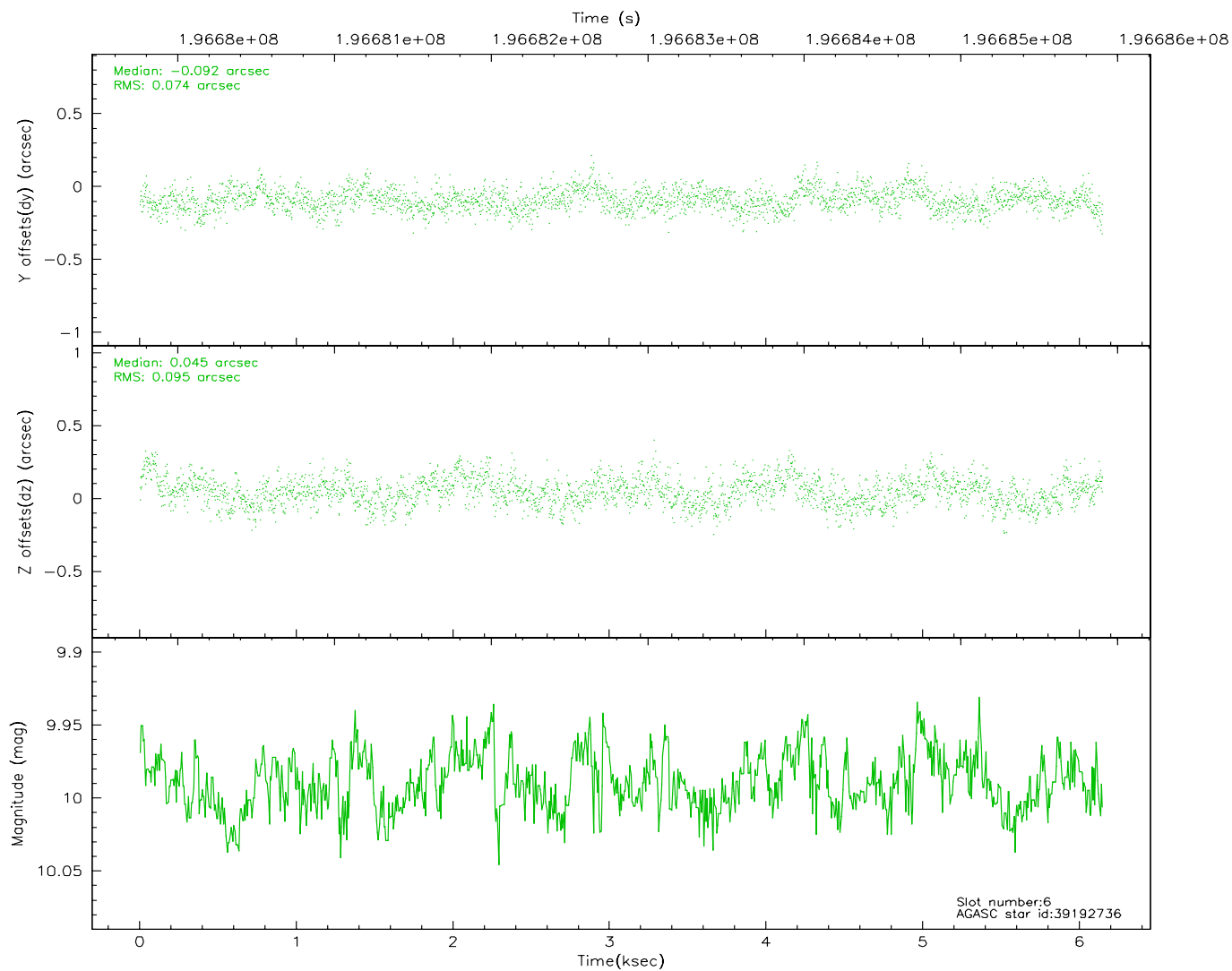
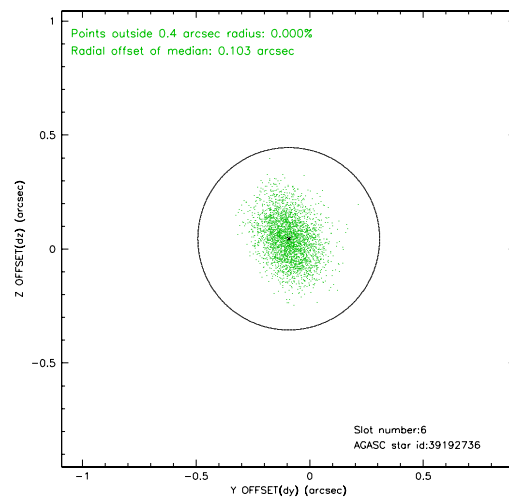
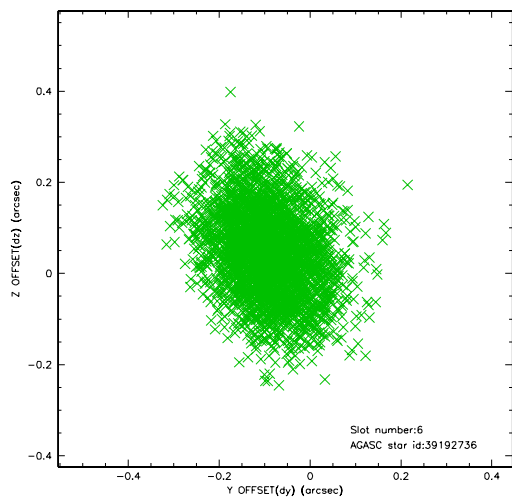
## 2.4.2 Slot 4



### 2.4.3 Slot 5

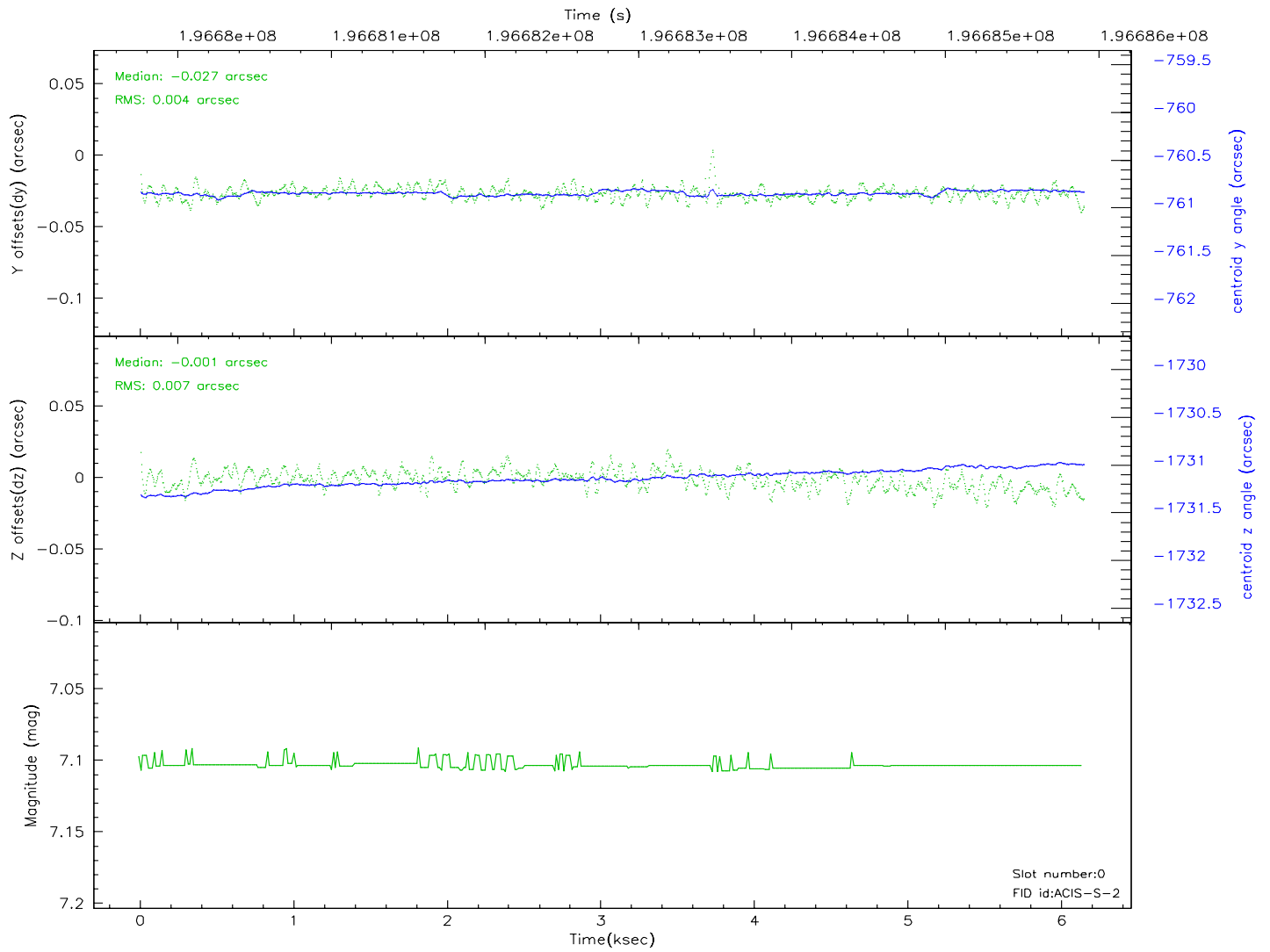
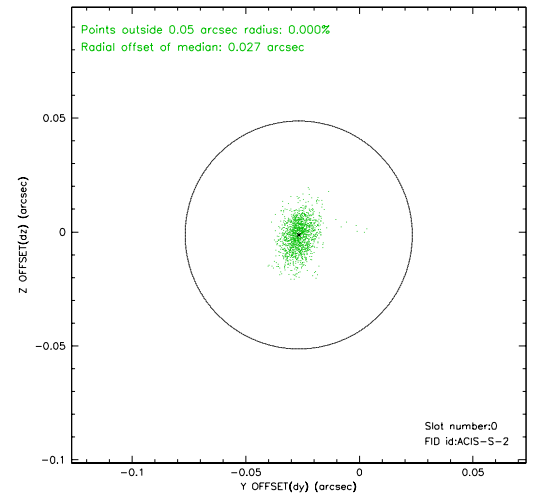
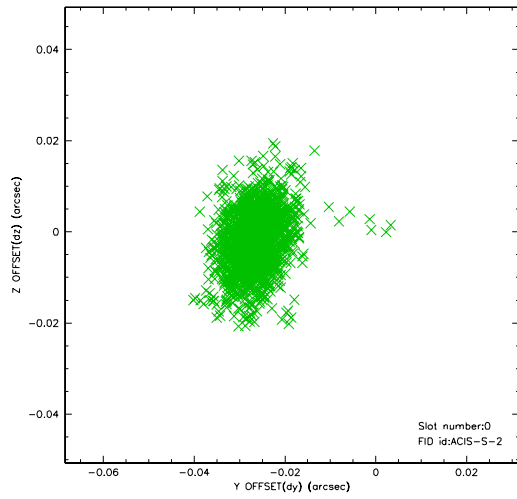


## 2.4.4 Slot 6

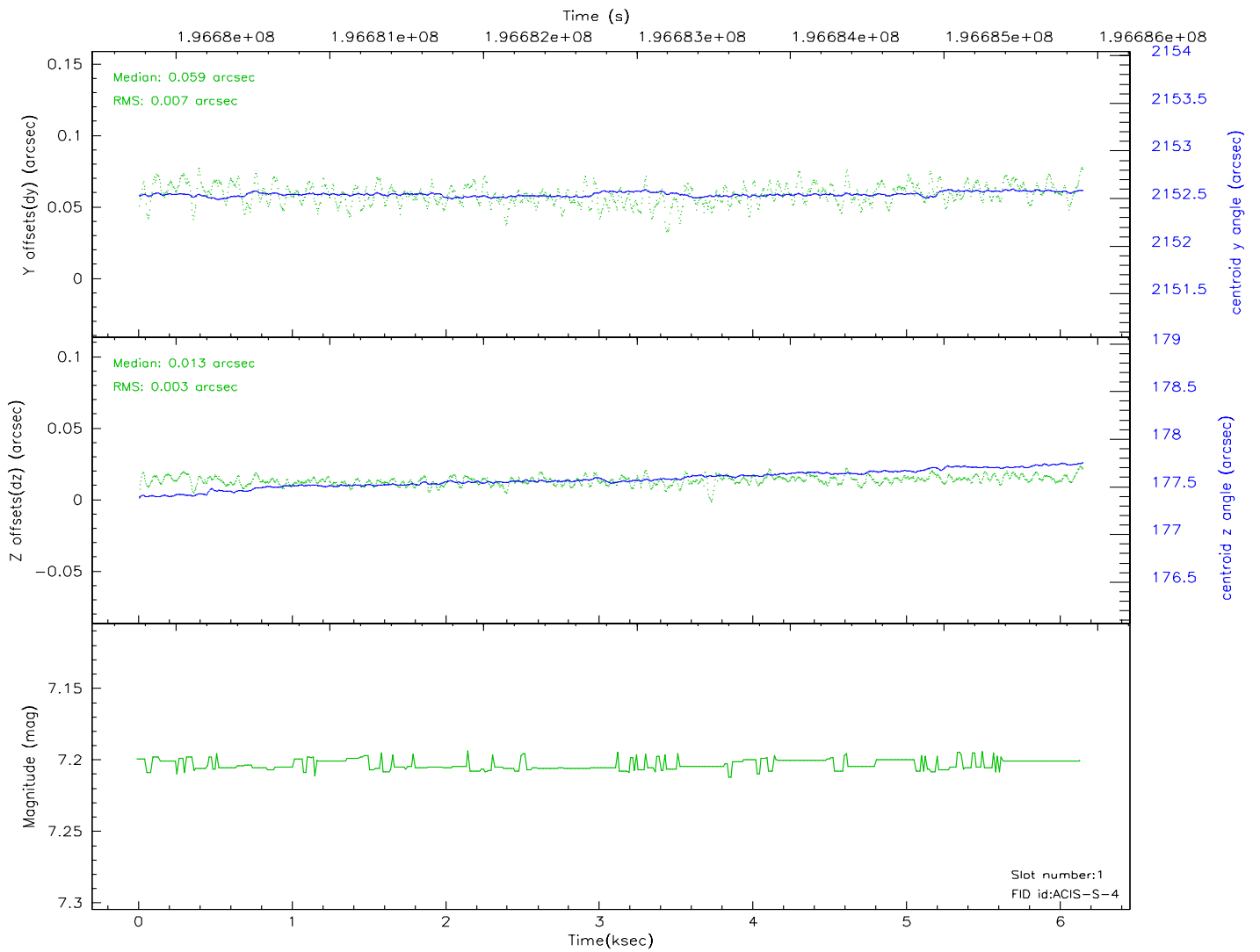
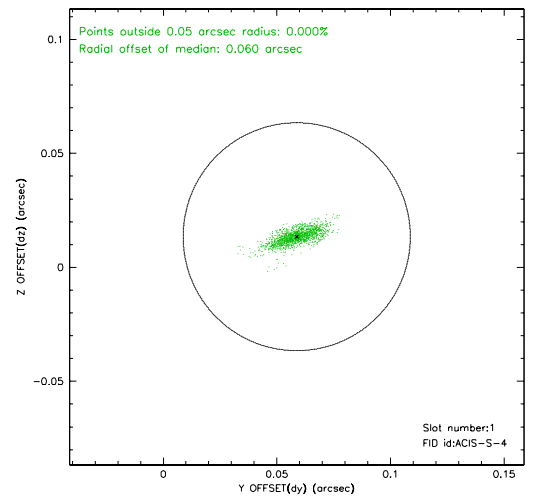
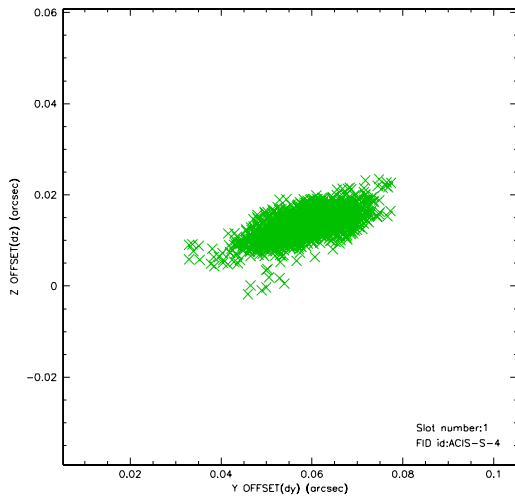


## 2.5 FID Slots

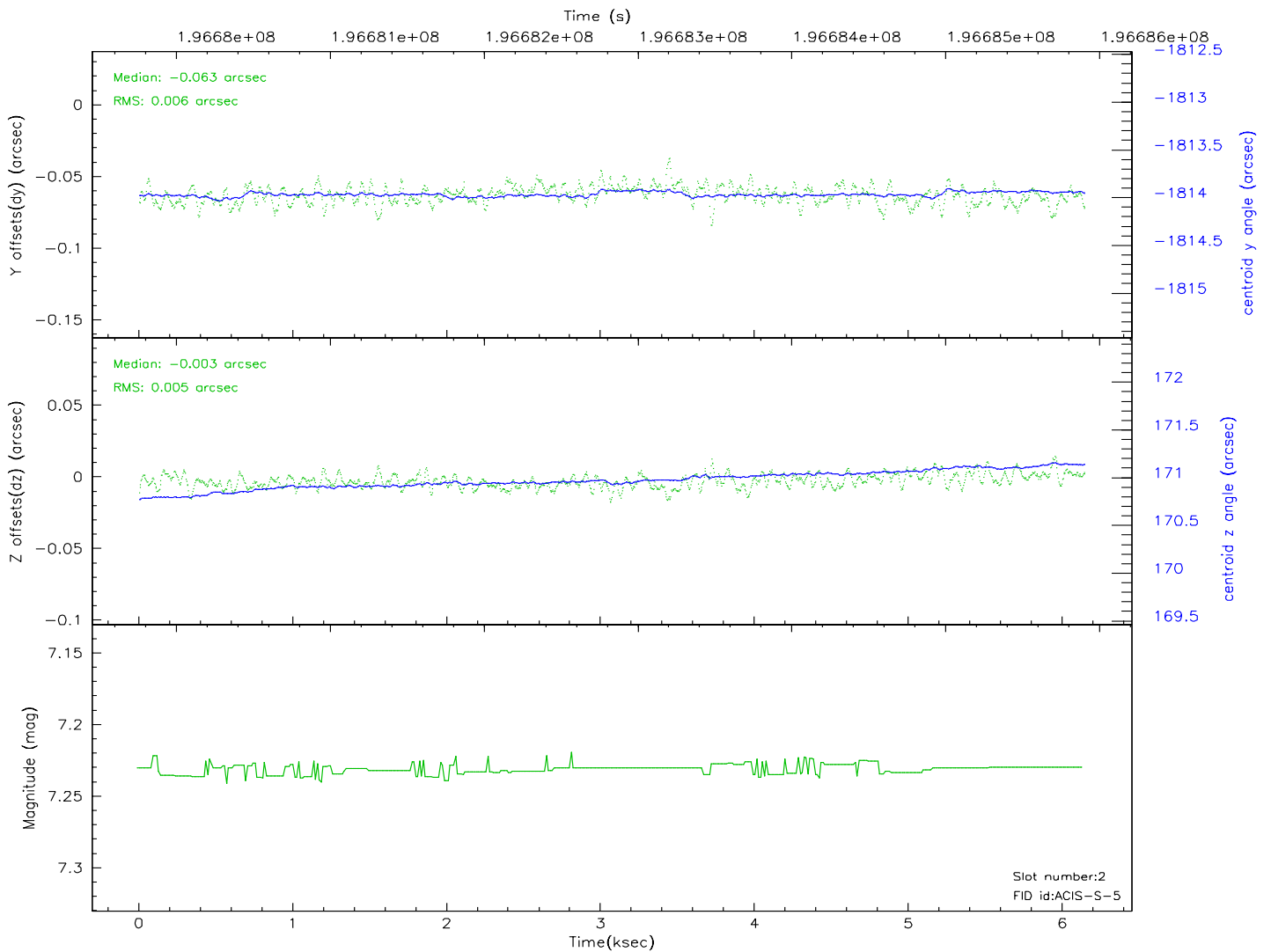
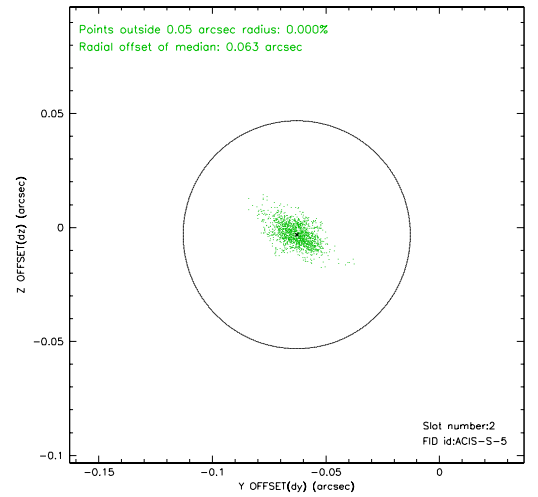
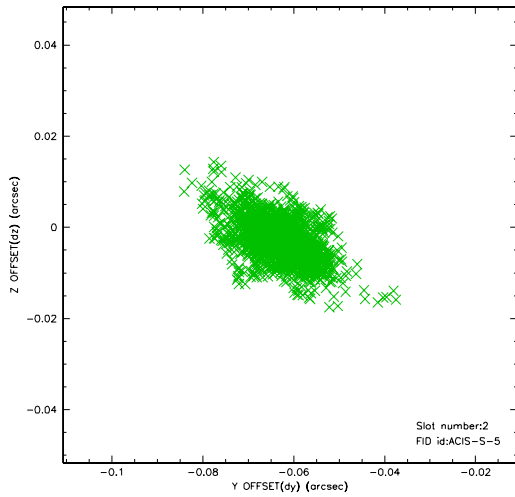
### 2.5.1 Slot 0



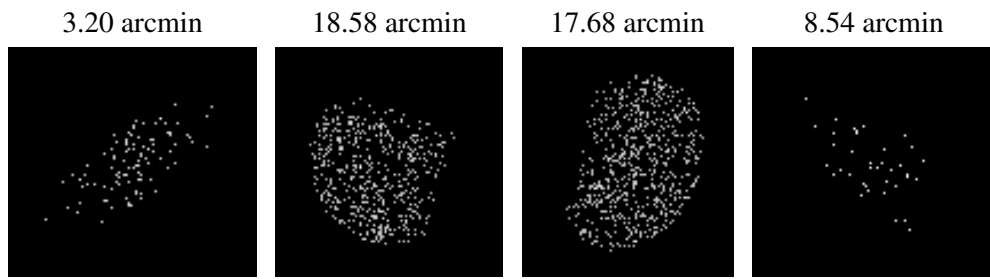
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.519

## A.2 Comments