

# V&V Reference Report

## L2 ASCDS Version : 7.6.7

Observation 5664 - L2 Version 004  
Chandra X-Ray Center

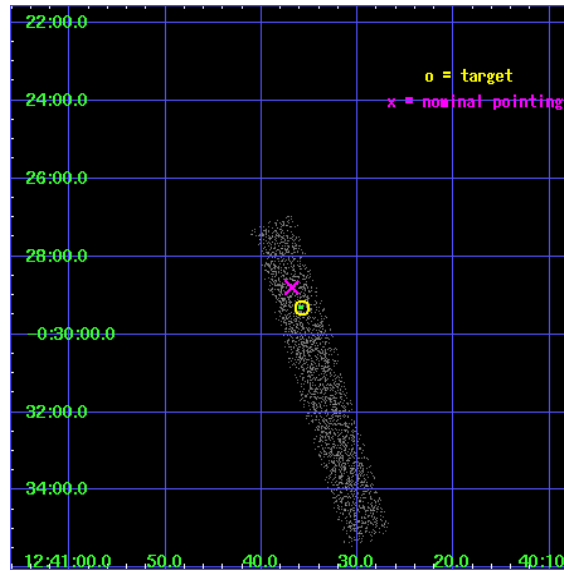
L2 Processing Date : Mar 15 2006

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# 1 Front

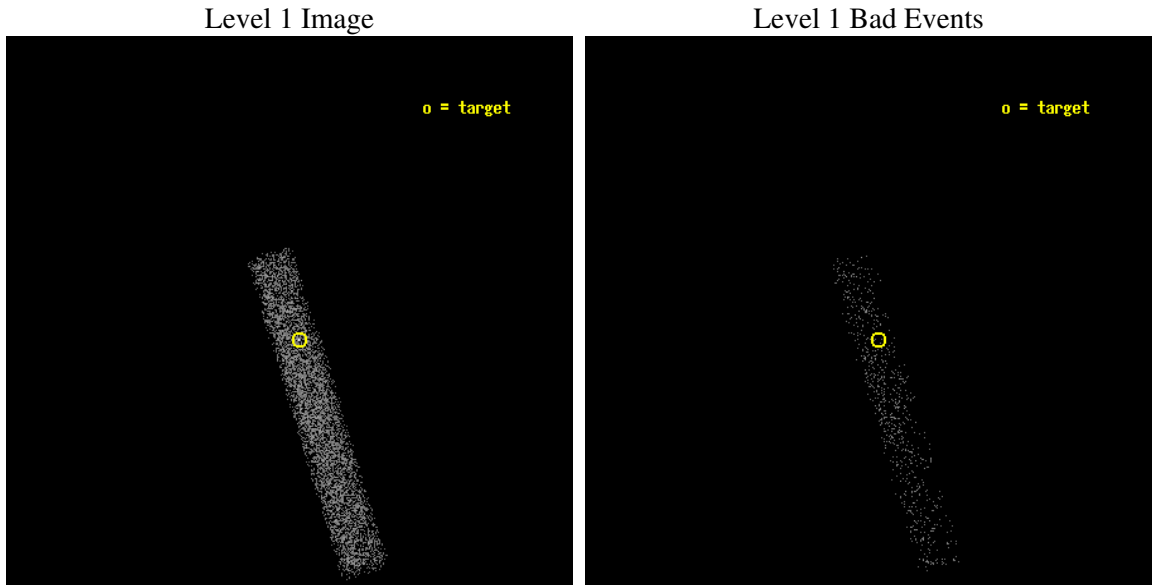
seq_num	701087
obs_id	5664
title	X-ray Properties of AGNs with Intermediate-mass Black Holes
observer	Dr. Luis Ho
object	SDSS J124035.81-002919.4
dtcycle	0
cycle	P
ra_targ	190.149167
dec_targ	-0.488722
ra_nom	190.15353750765
dec_nom	-0.48009572098085
roll_nom	72.935390893311
revision	4
ontime	5136.4000765383
livetime	4658.4437479941
ontime7	5136.4000765383
l2events	2963



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-15T18:13:39
revision	4

sched_exp_time	5000.000000
ontime	6106.1323865056
ontime7	6106.1323865056
l1events	8346

### 2.1.4 Events

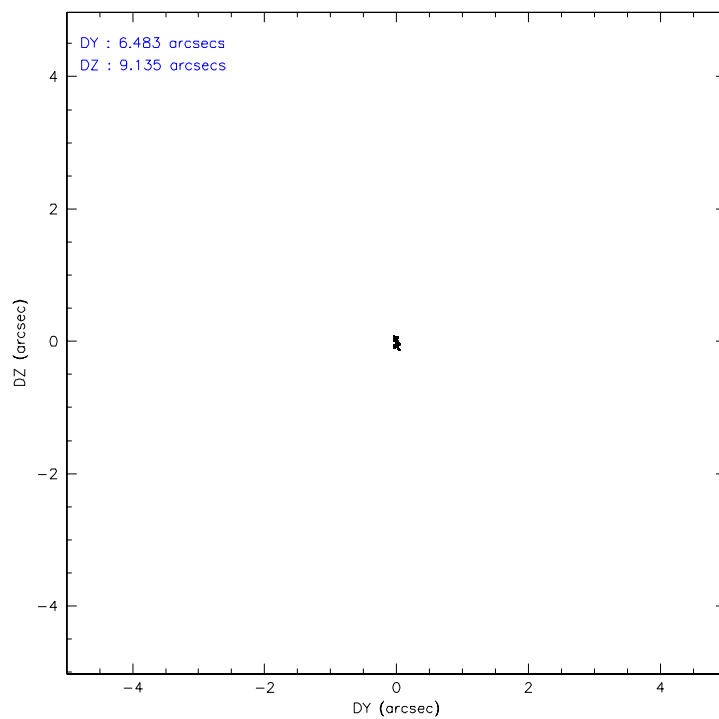
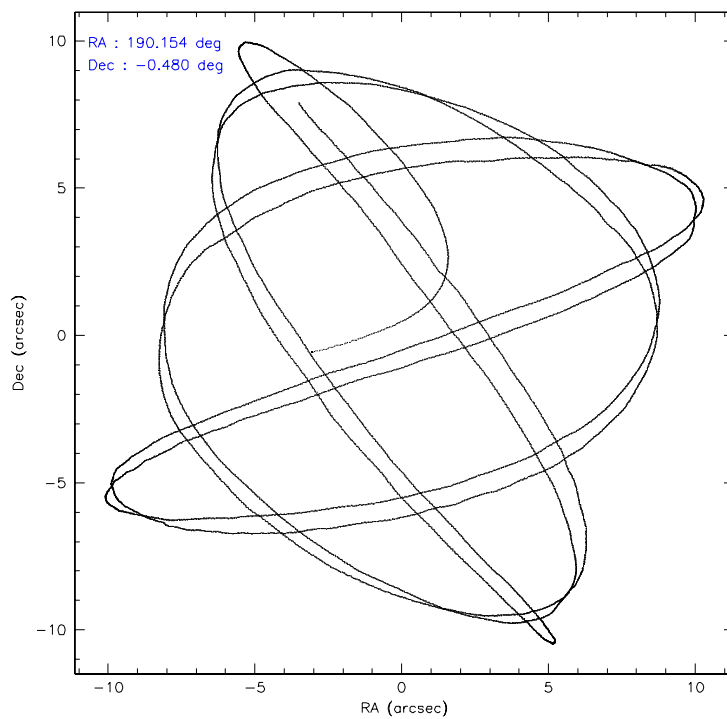
	<b>ccd 7</b>
level 1 events	8346
rejected events	5272
rejected %	63%

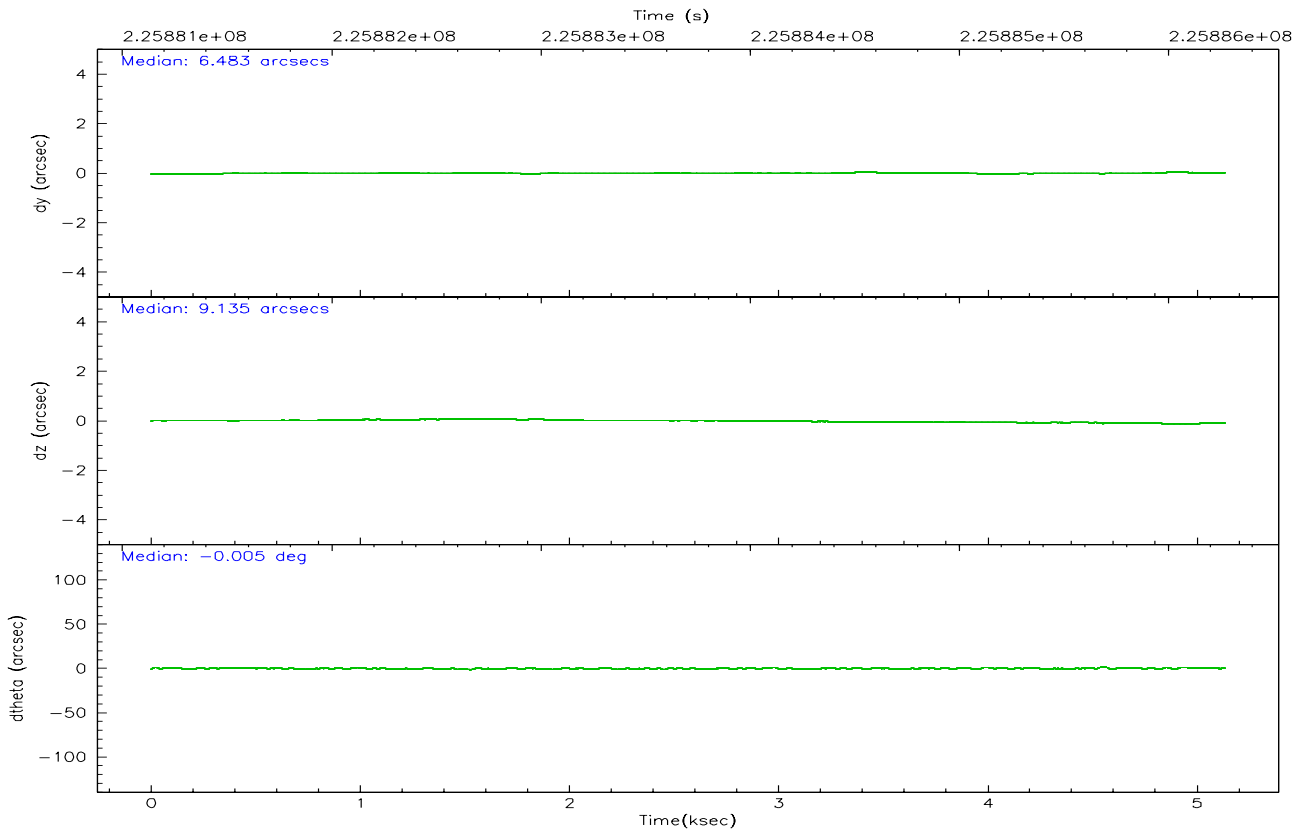
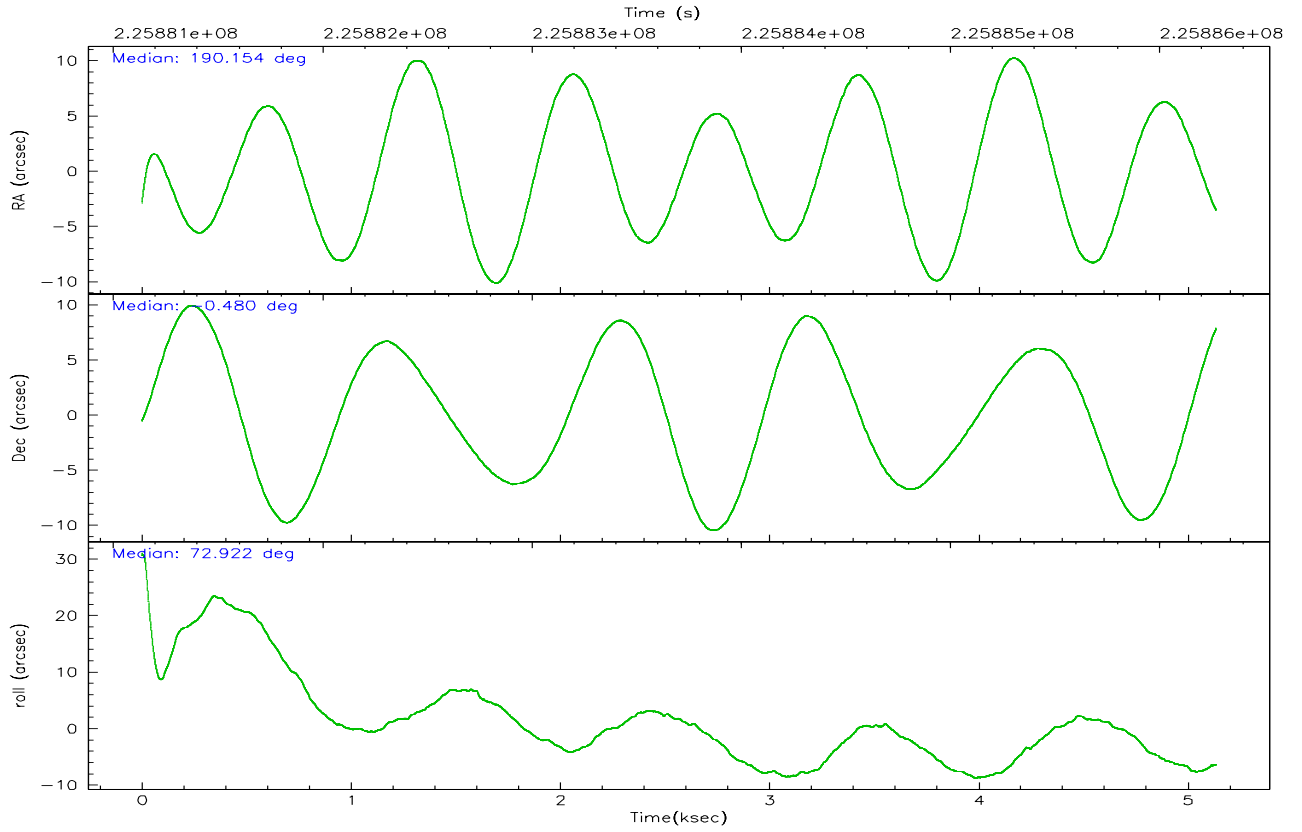
	<b>ccd 7</b>
grade 0 events	304
	3%
grade 1 events	12
	0%
grade 2 events	801
	9%
grade 3 events	389
	4%
grade 4 events	360
	4%
grade 5 events	555
	6%
grade 6 events	1847
	22%
grade 7 events	4078
	48%

## 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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	190.160042	190.1535375076525	Subarray start row	0	449
Pointing Dec	-0.506575	-0.4800957209808462	Subarray row count	1024	128
Pointing Roll	72.778741	72.93539089331102	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	225881271.184000	225880165.89837			
Observation start date	2005-02-27T08:46:47	2005-02-27T08:29:25			
Observation end time	225886271.184000	225887033.91118			
Observation end date	2005-02-27T10:10:07	2005-02-27T10:23:53			
Read mode	TIMED	TIMED			

## 2.3 Aspect



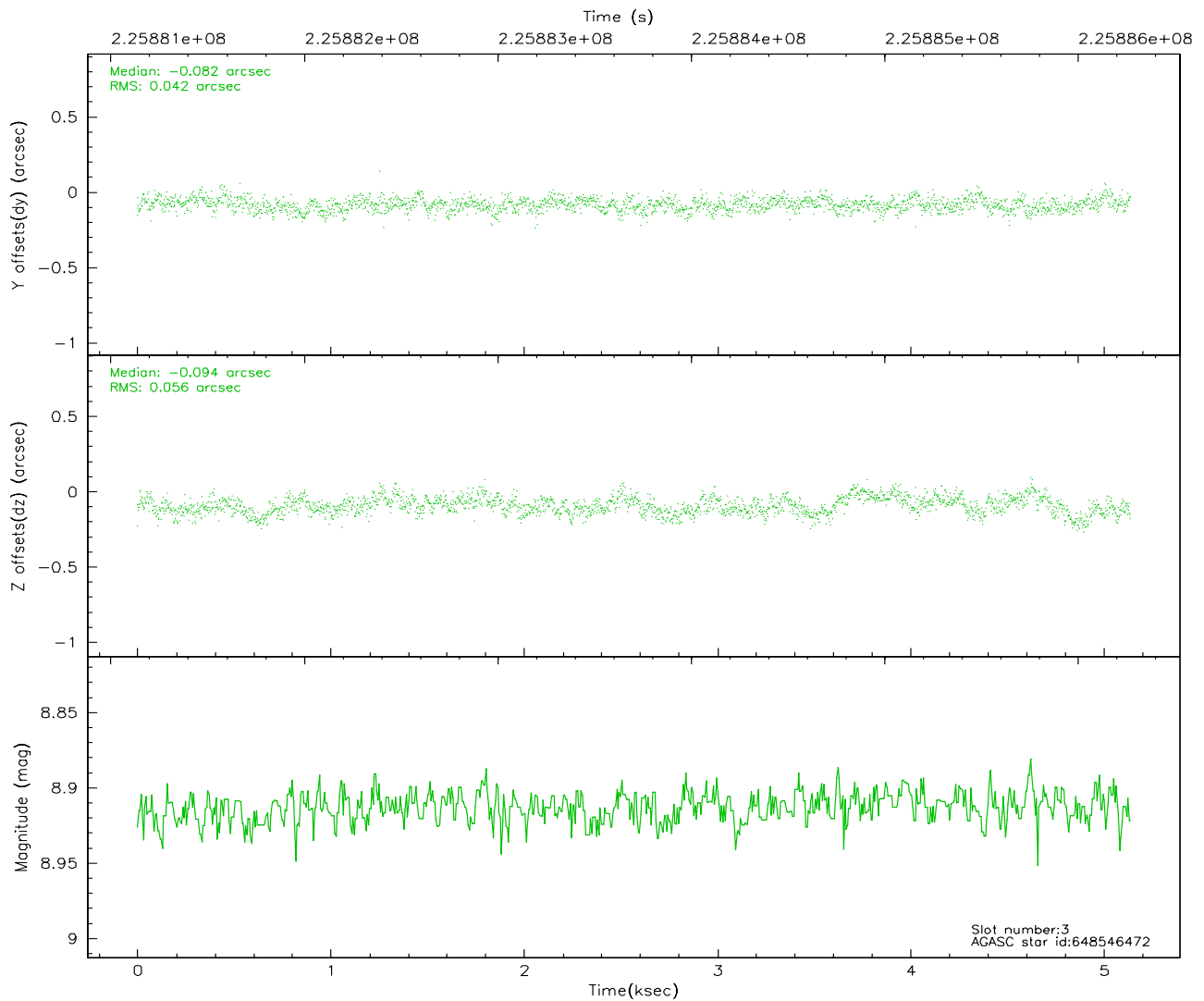
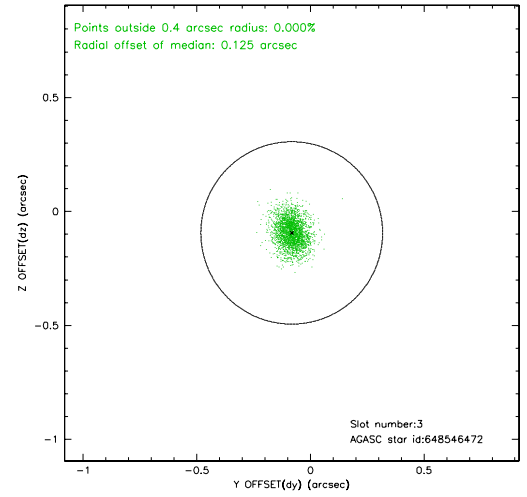
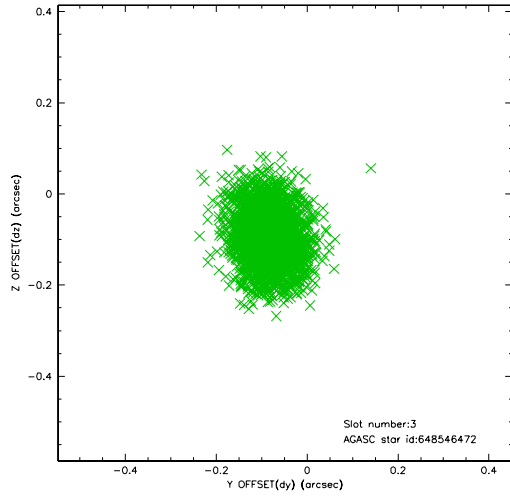


### Slot Statistics

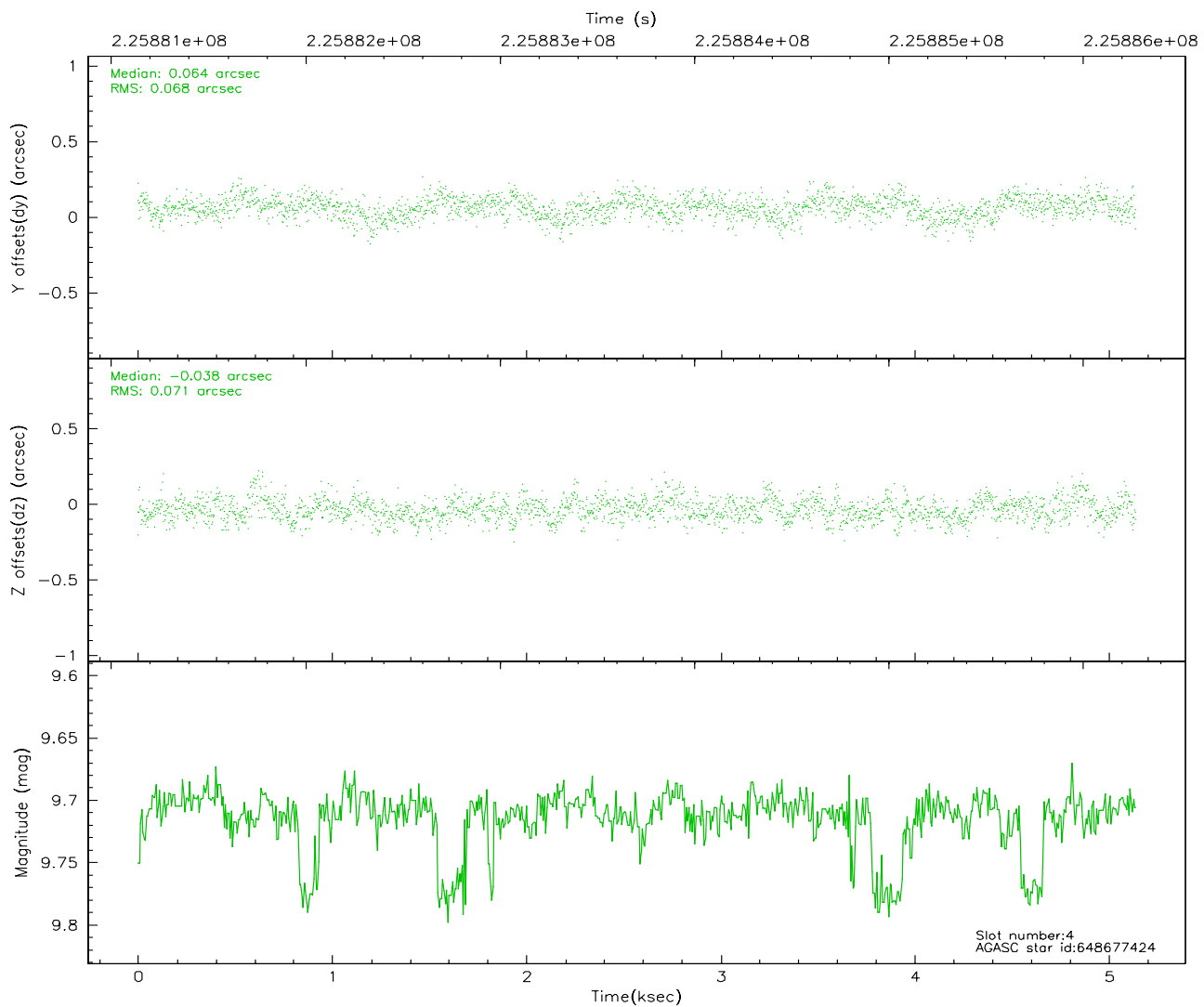
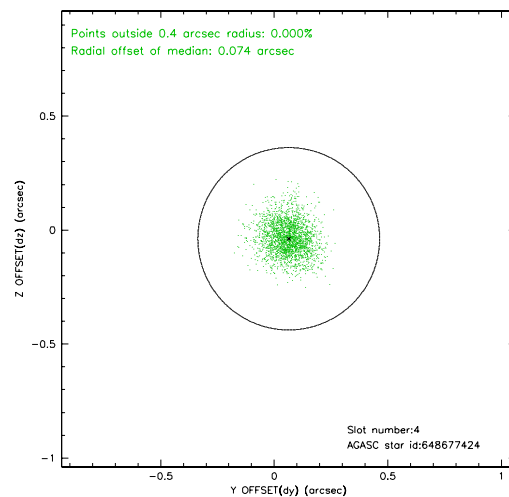
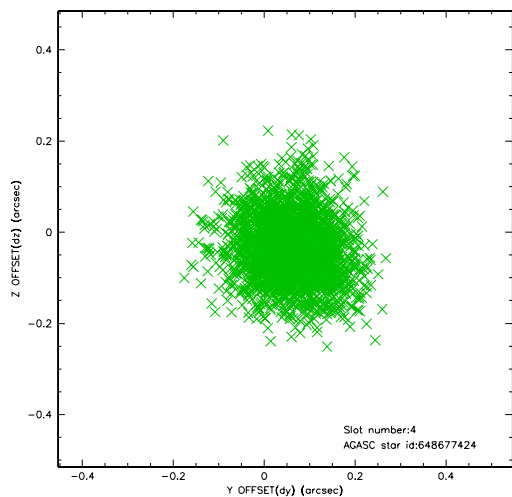
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1253	0.002	0.014	0.006	0.010	0.000000	0.000000	936.80	-1725.92
1	FID	ACIS-S-4	7.21	1253	0.020	-0.006	0.006	0.010	0.000000	0.000000	2154.89	176.99
2	FID	ACIS-S-5	7.23	1253	-0.049	0.005	0.005	0.010	0.000000	0.000000	-1810.59	171.97
3	GUIDE	648546472	8.91	2507	-0.082	-0.094	0.074	0.123	189.852690	-0.296096	395.91	1281.22
4	GUIDE	648677424	9.71	2506	0.064	-0.038	0.103	0.172	190.000454	-0.529348	-248.12	524.92
5	GUIDE	648681160	8.77	2507	0.106	0.097	0.063	0.102	190.265088	-0.620514	-279.75	-482.56
6	GUIDE	648682856	8.15	2504	-0.084	0.031	0.060	0.099	190.573610	-0.307955	1124.06	-1210.48
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

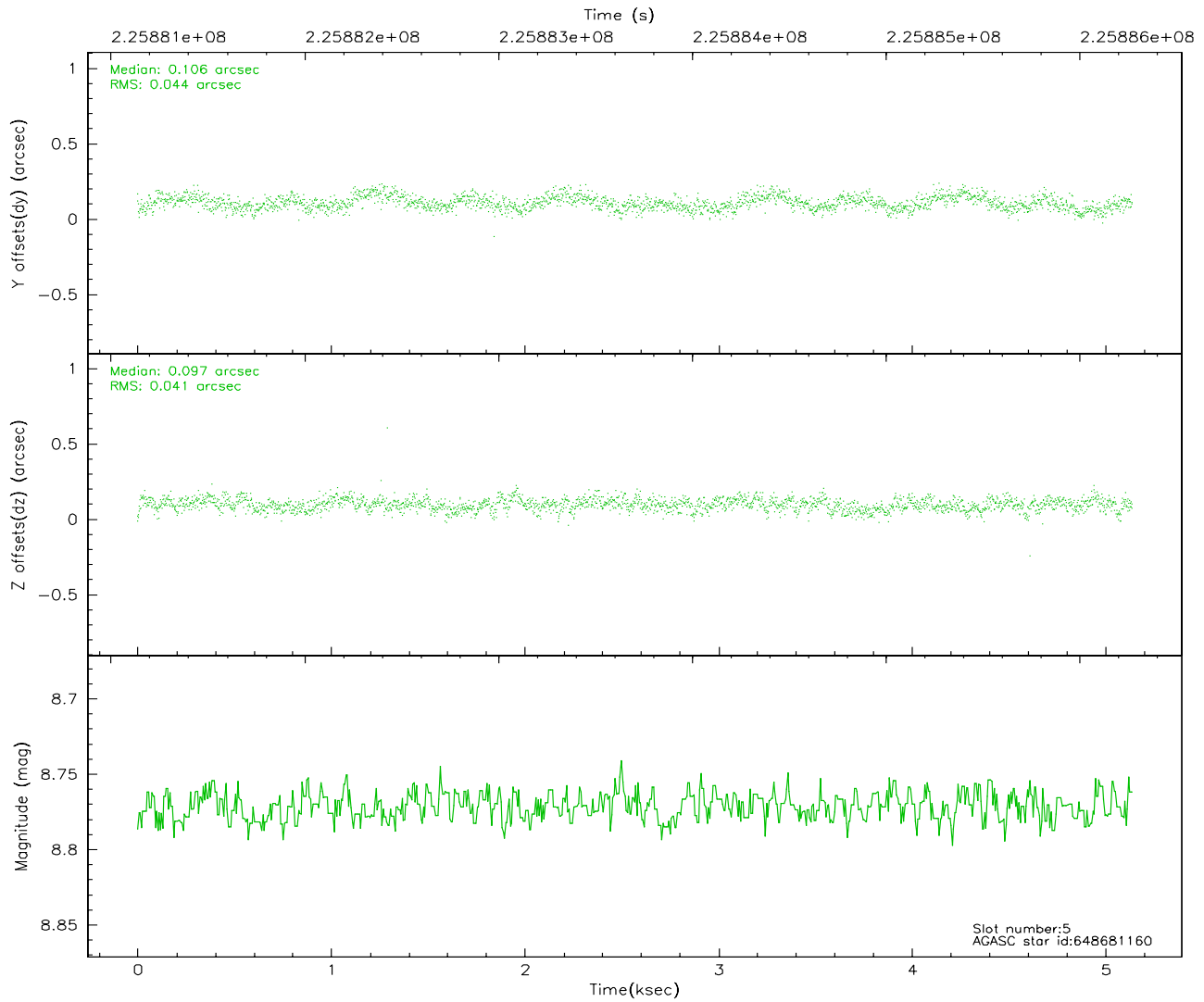
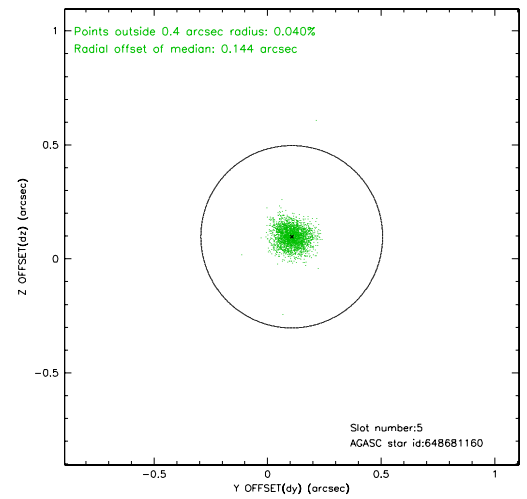
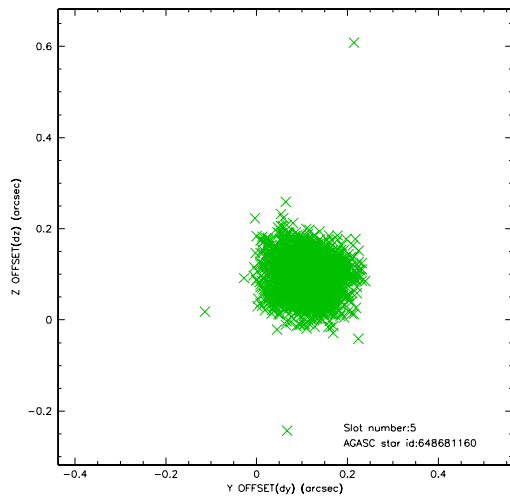
### 2.4.1 Slot 3



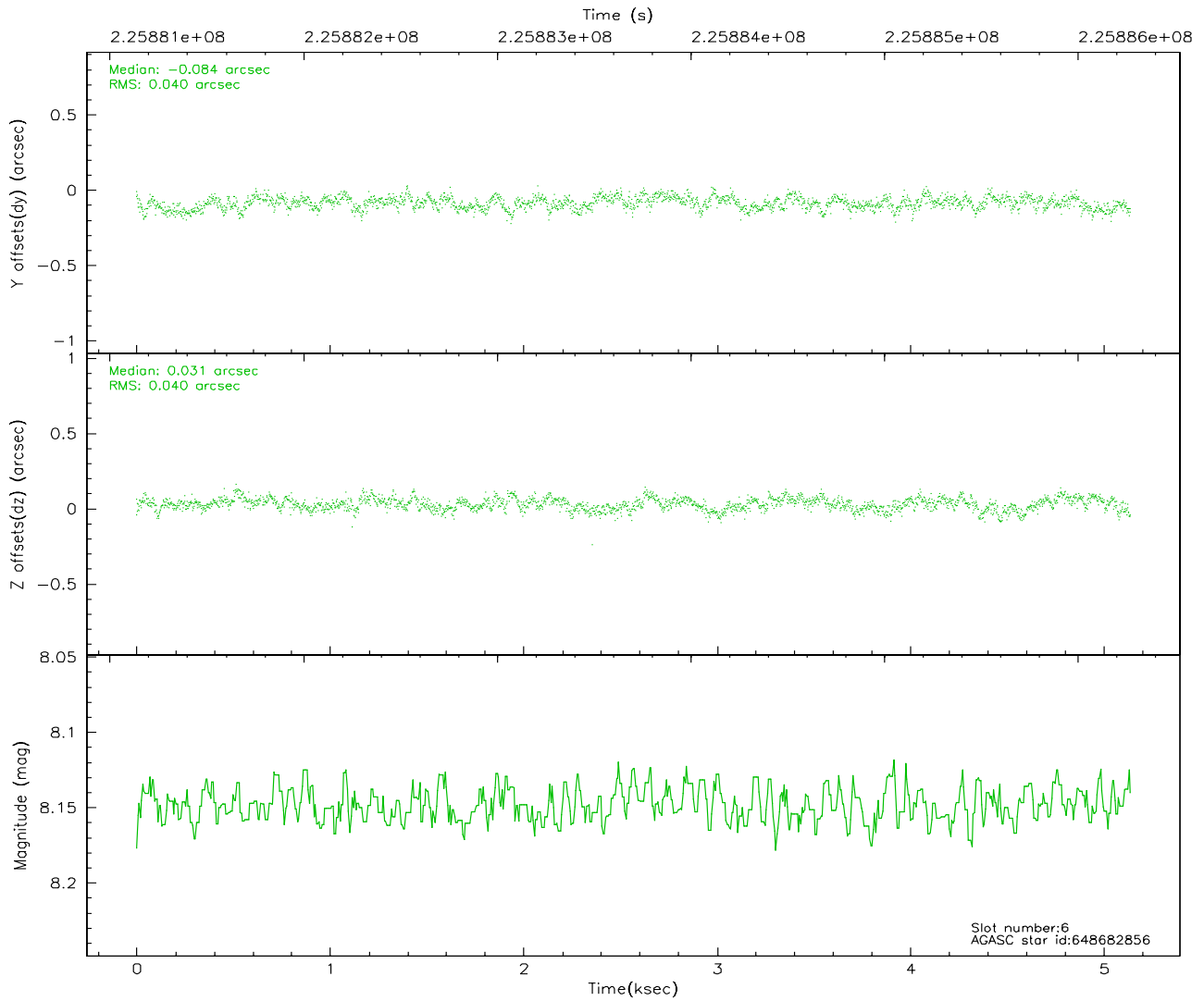
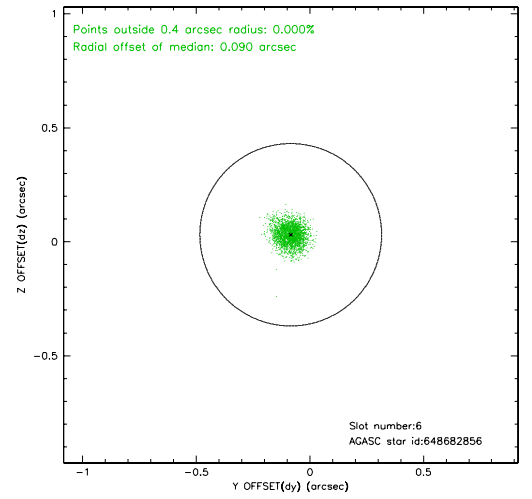
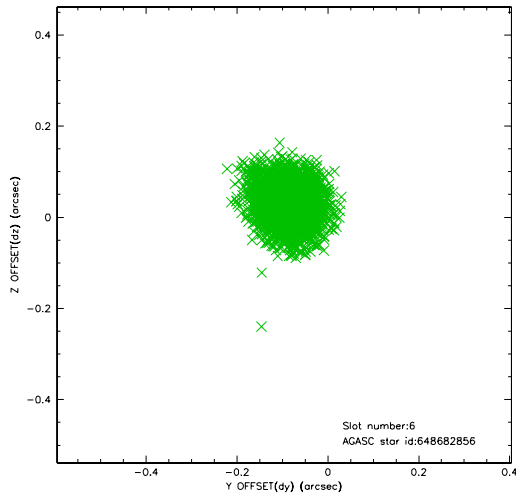
## 2.4.2 Slot 4



### 2.4.3 Slot 5

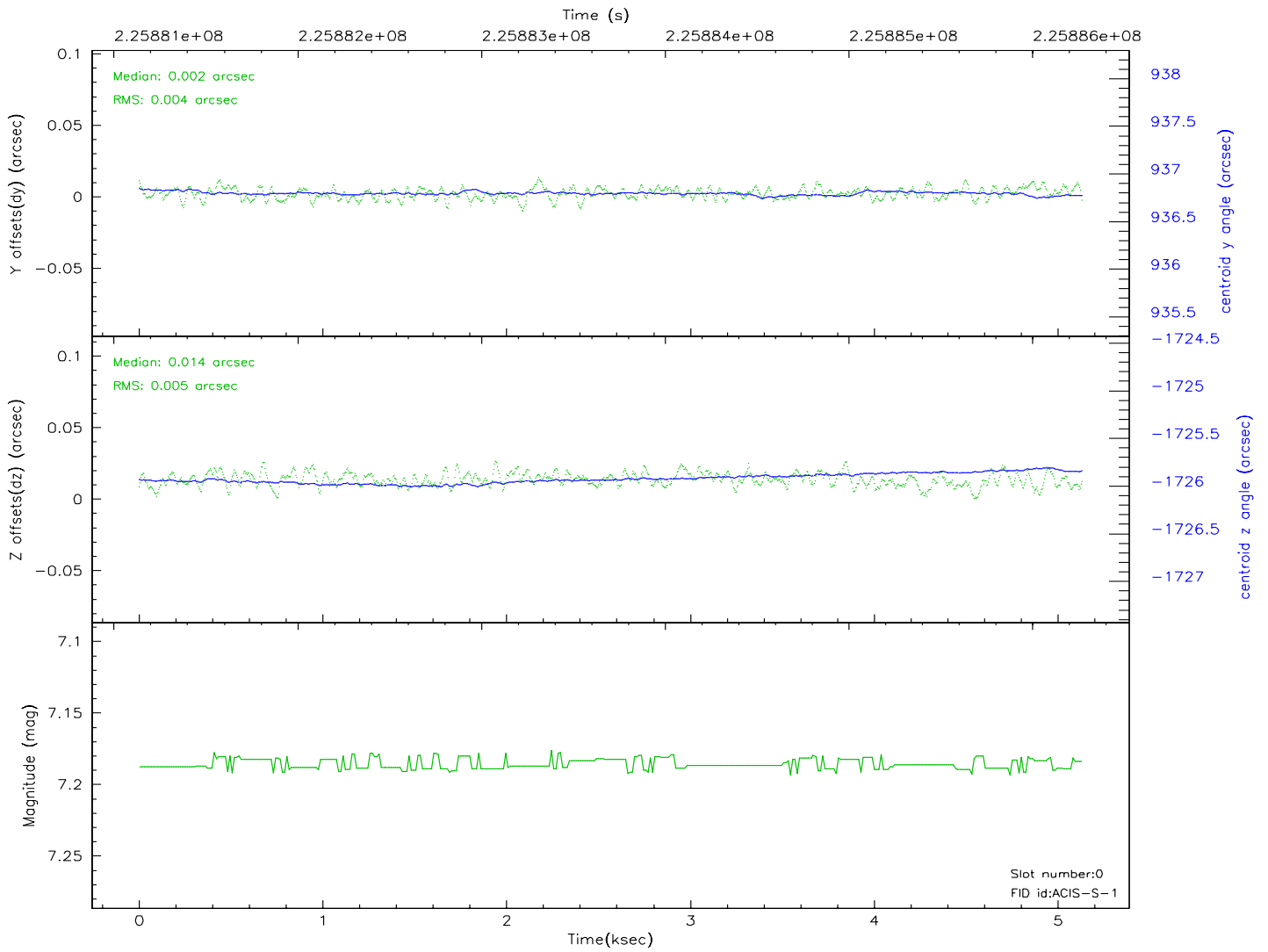
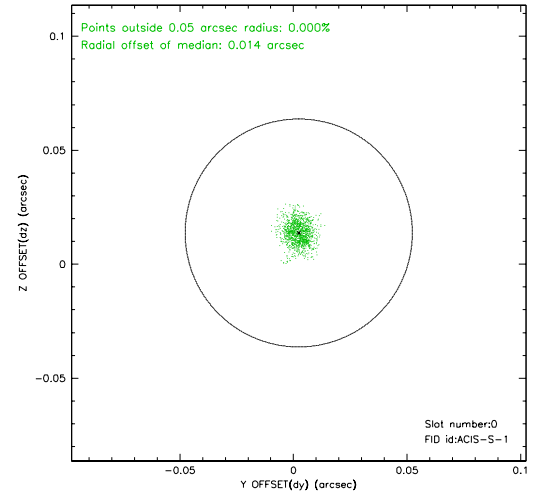
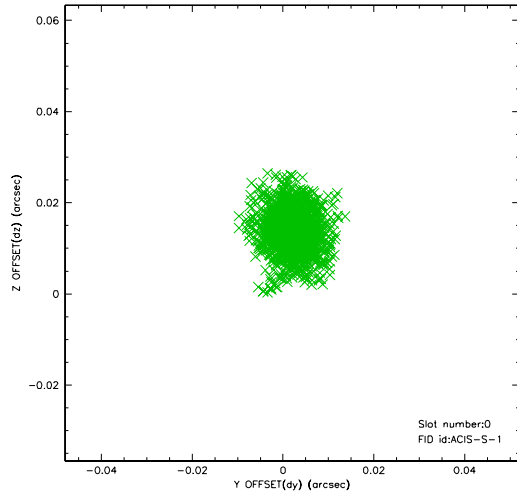


### 2.4.4 Slot 6

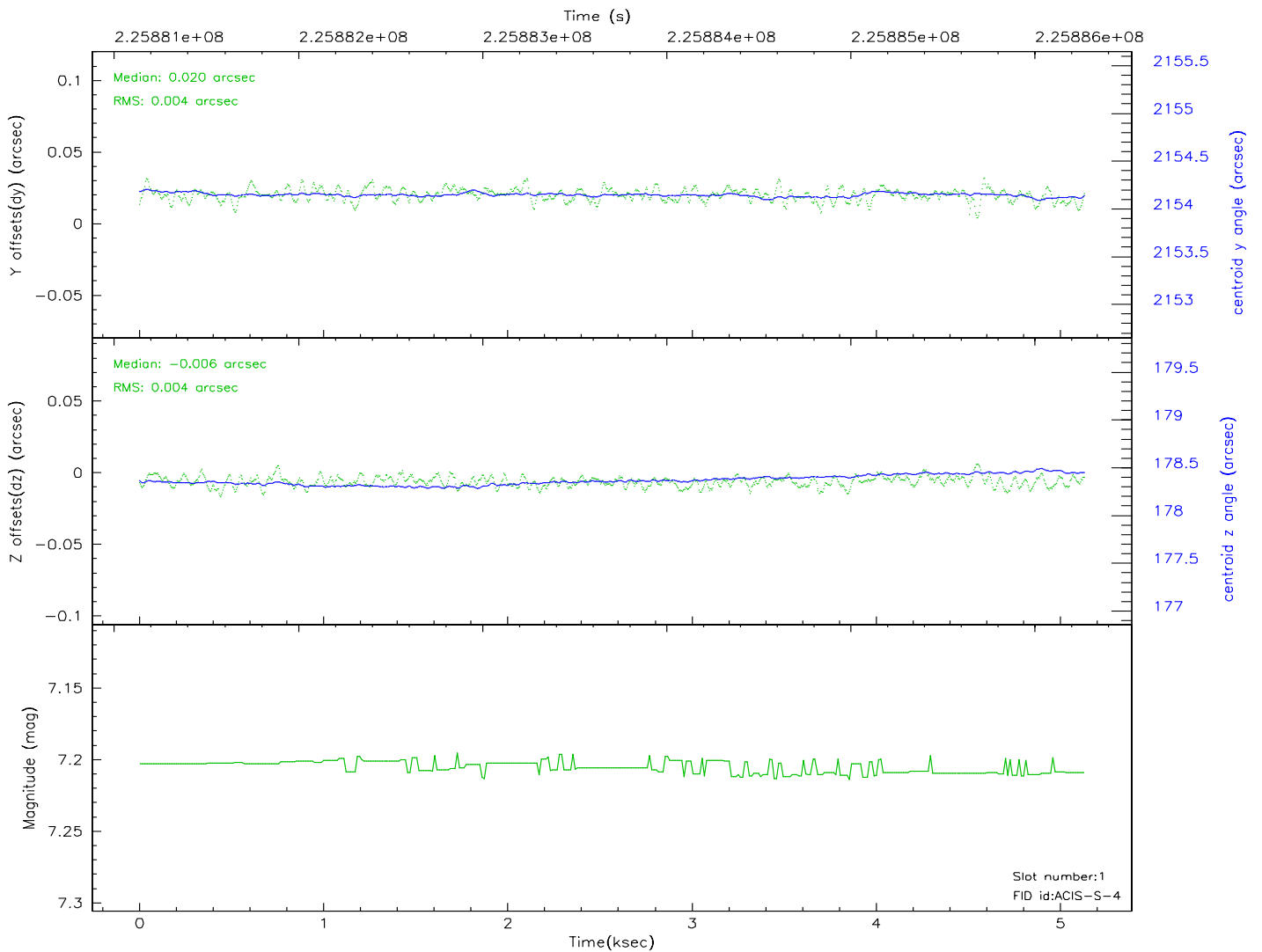
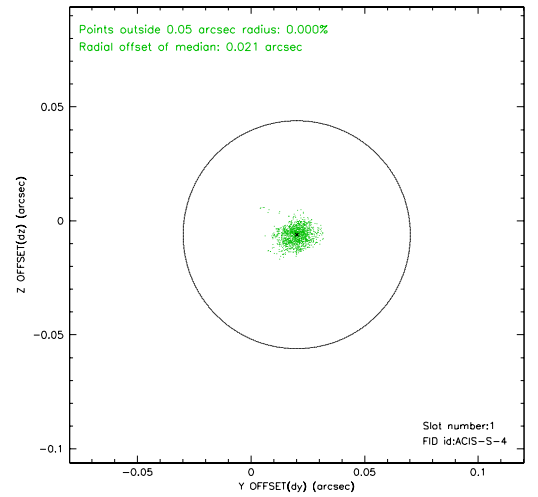
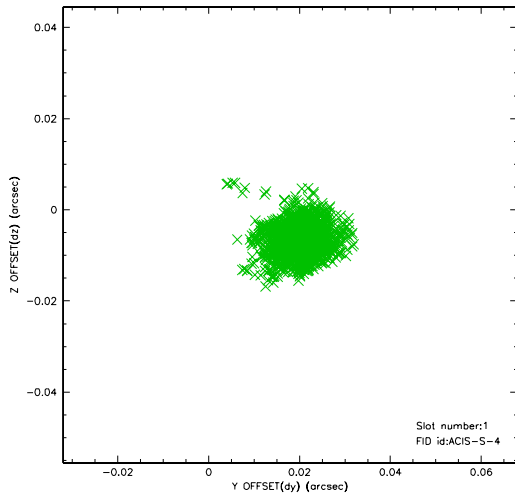


## 2.5 FID Slots

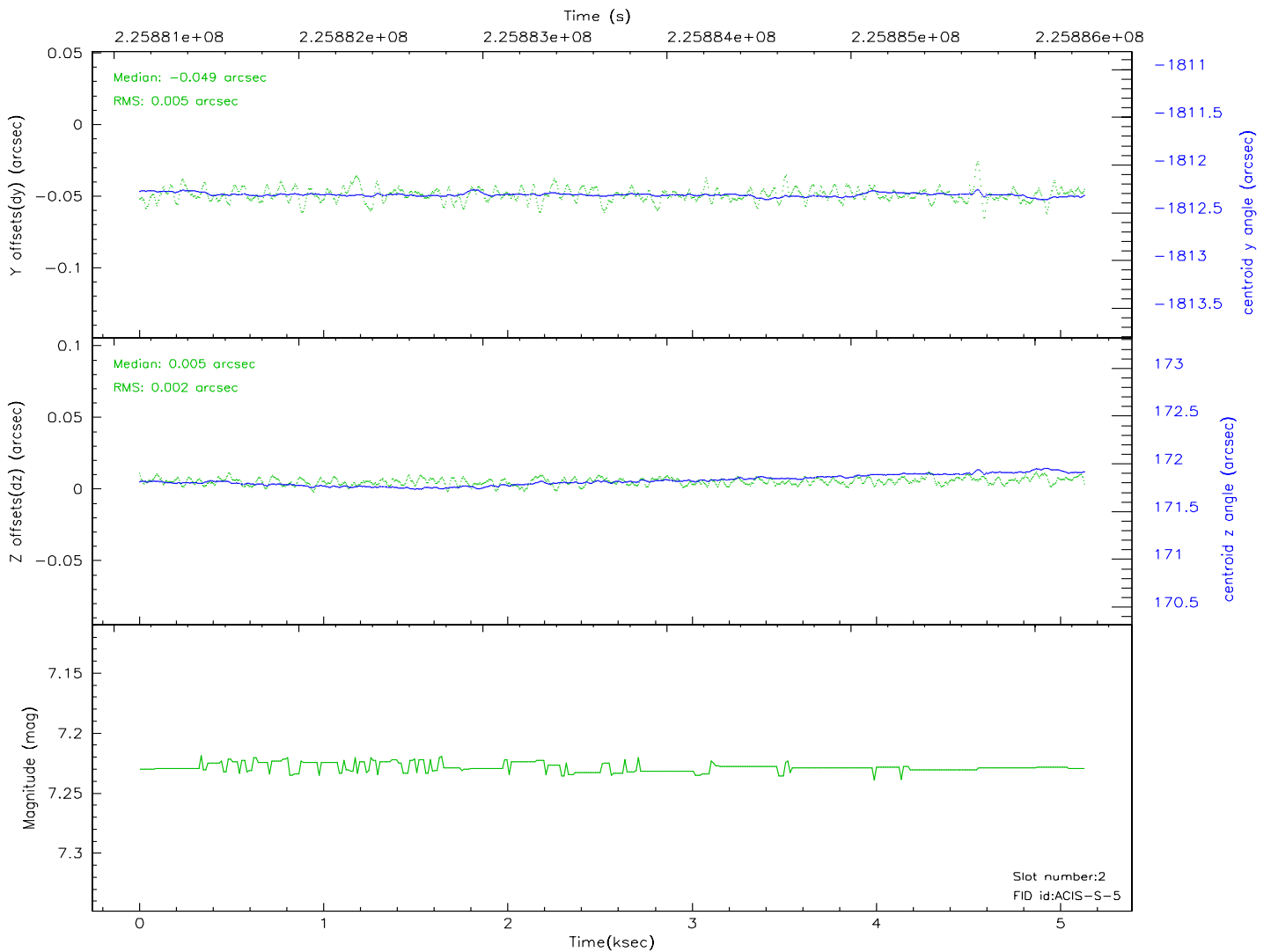
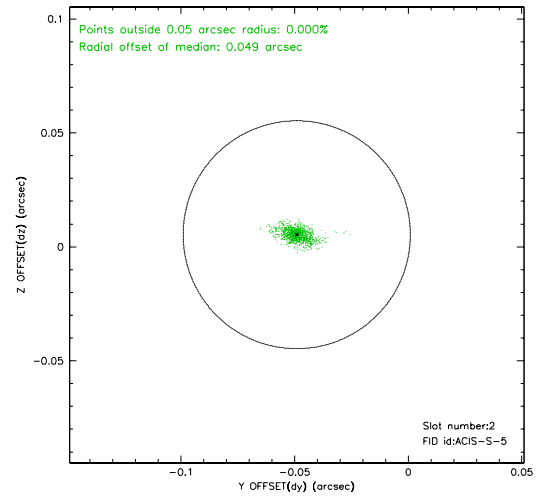
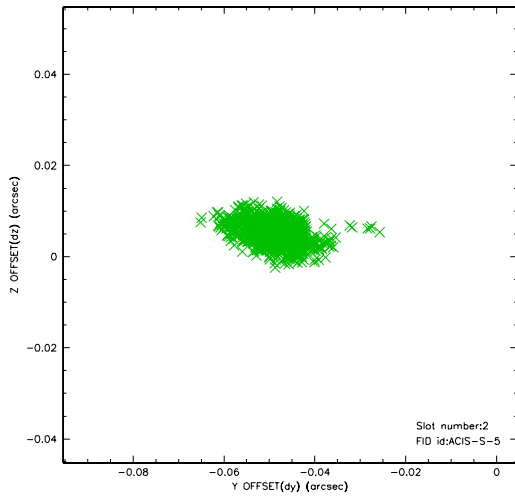
### 2.5.1 Slot 0



## 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)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1364

## A.2 Comments