

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2191 - L2 Version 001  
Chandra X-Ray Center

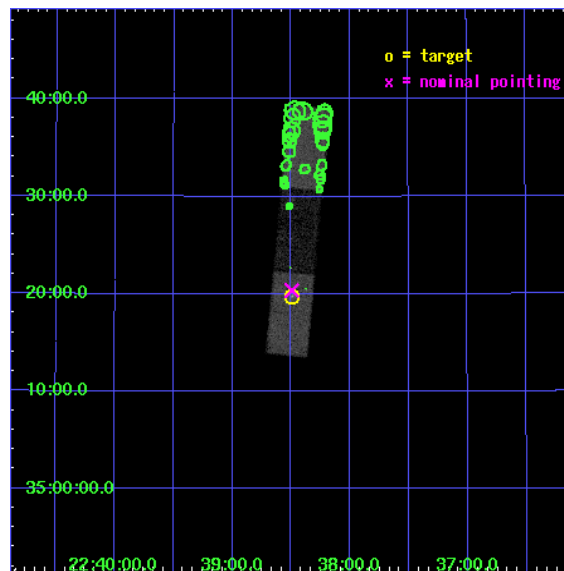
L2 Processing Date : Nov 21 2006

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# 1 Front

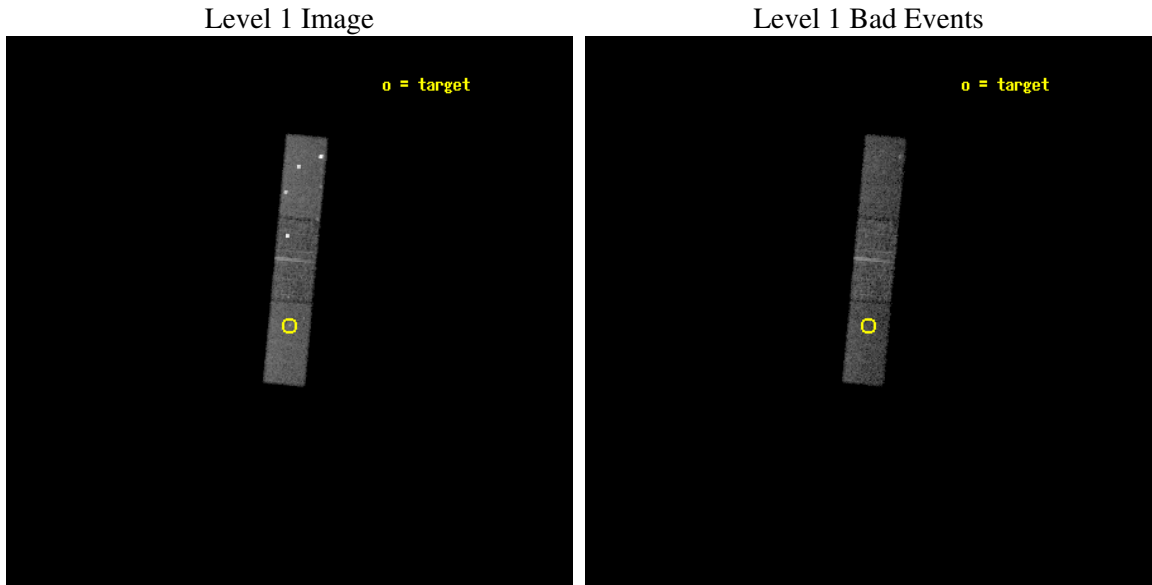
seq_num	700381
obs_id	2191
title	HUNTING THE AGN CORES AND JETS IN FRI RADIO GALAXIES
observer	Prof Diana Worrall
object	B2 2236+35
dtcycle	0
cycle	P
ra_targ	339.6225
dec_targ	35.329722
ra_nom	339.62352229009
dec_nom	35.339458059602
roll_nom	95.389411429764
revision	2
ontime	10139.199962229
livetime	9885.63346388
ontime5	10139.199962229
ontime6	10139.199962229
ontime7	10139.199962229
l2events	49823



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 5

Chip 6

Chip 7



### 2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-21T13:53:36
revision	2

sched_exp_time	10000.000000
ontime	10617.391032562
ontime5	10617.391052499
ontime6	10617.391032562
ontime7	10617.391032562
l1events	159104

### 2.1.4 Events

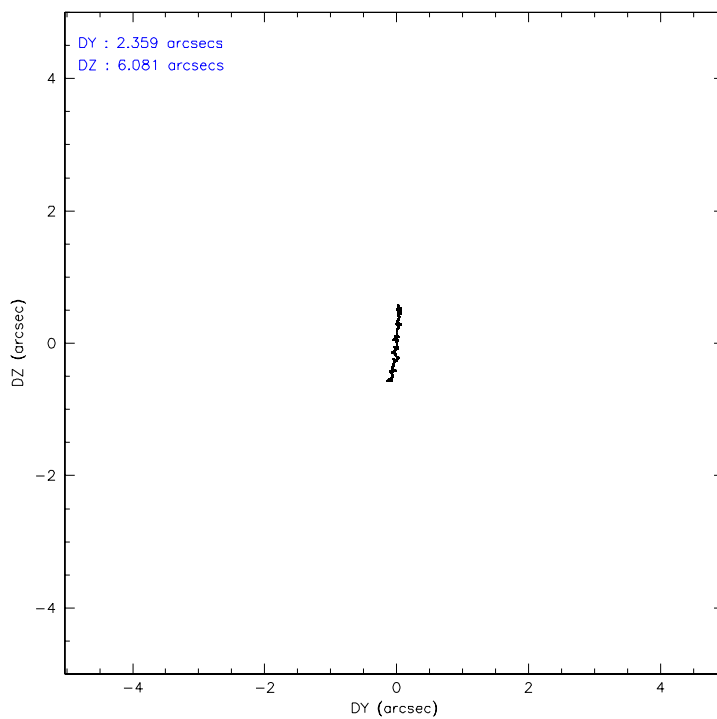
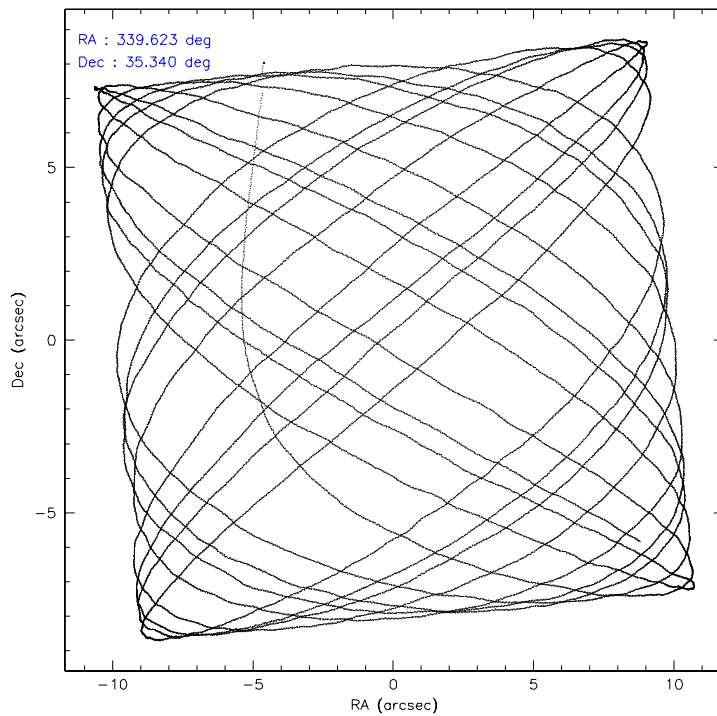
	ccd 5	ccd 6	ccd 7
level 1 events	66285	47118	45701
rejected events	28757	34227	27409
rejected %	43%	72%	59%

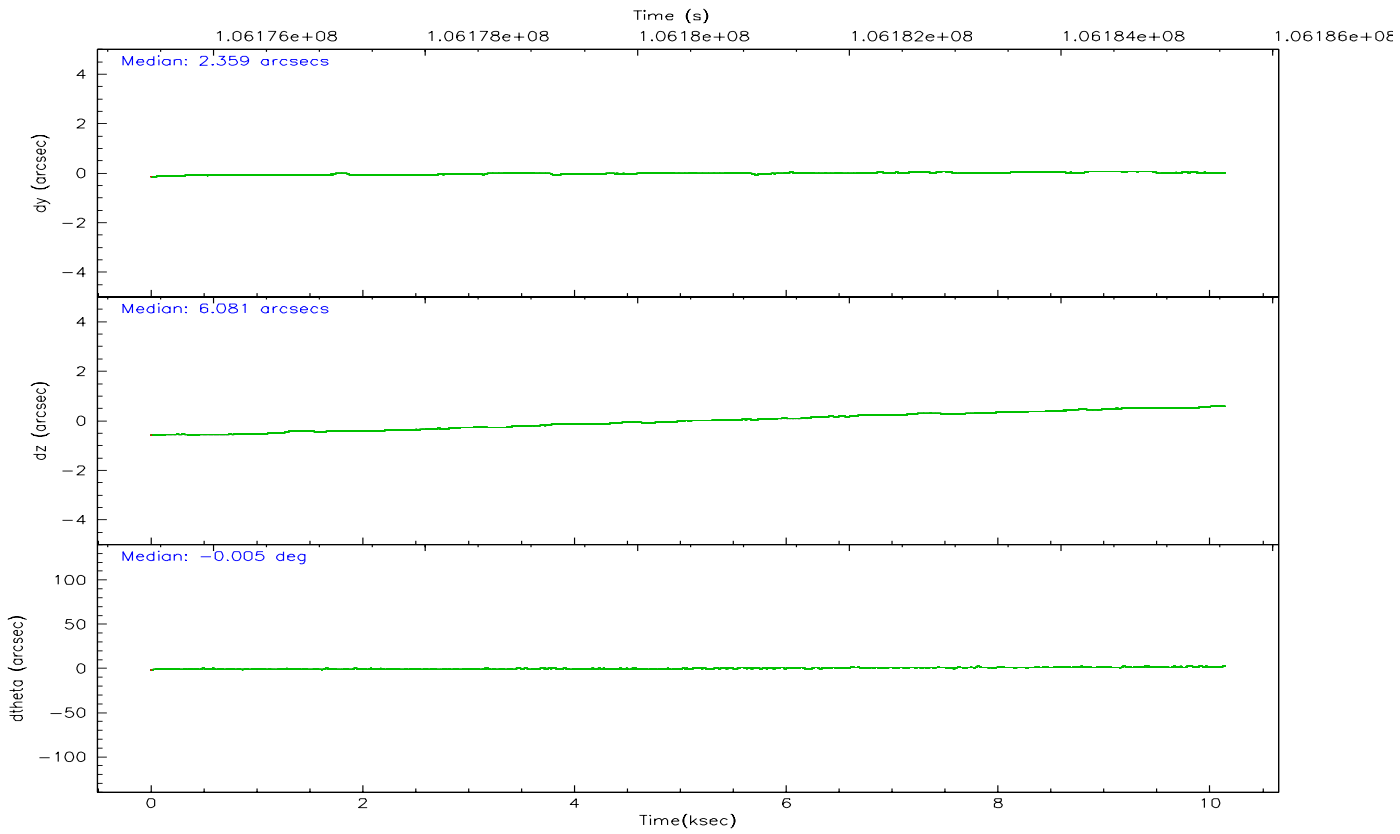
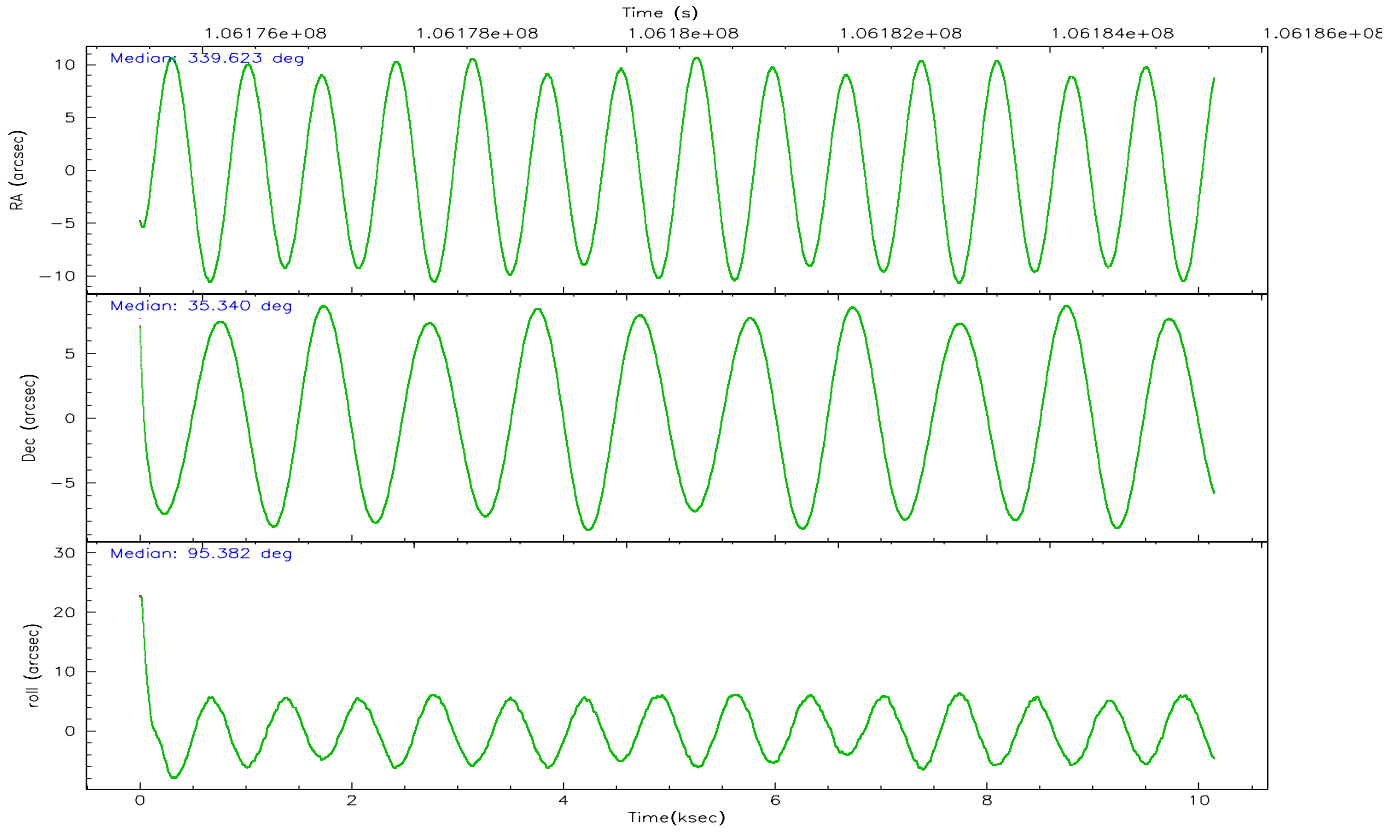
	ccd 5	ccd 6	ccd 7
grade 0 events	13424	10656	1635
	20%	22%	3%
grade 1 events	175	45	28
	0%	0%	0%
grade 2 events	11373	881	4714
	17%	1%	10%
grade 3 events	1462	628	1398
	2%	1%	3%
grade 4 events	1003	532	1300
	1%	1%	2%
grade 5 events	2443	1435	3171
	3%	3%	6%
grade 6 events	11989	807	10053
	18%	1%	21%
grade 7 events	24416	32134	23402
	36%	68%	51%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-567	ACIS-567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	339.643162	339.6235222900907	Subarray requested	1/2	1/2
Pointing Dec	35.317373	35.33945805960226	Subarray start row	0	257
Pointing Roll	95.221413	95.38941142976378	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.6
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	106175552.184000	106174582.59467			
Observation start date	2001-05-13T21:11:28	2001-05-13T20:56:22			
Observation end time	106185552.184000	106185925.24511			
Observation end date	2001-05-13T23:58:08	2001-05-14T00:05:25			
Read mode	TIMED	TIMED			

## 2.3 Aspect



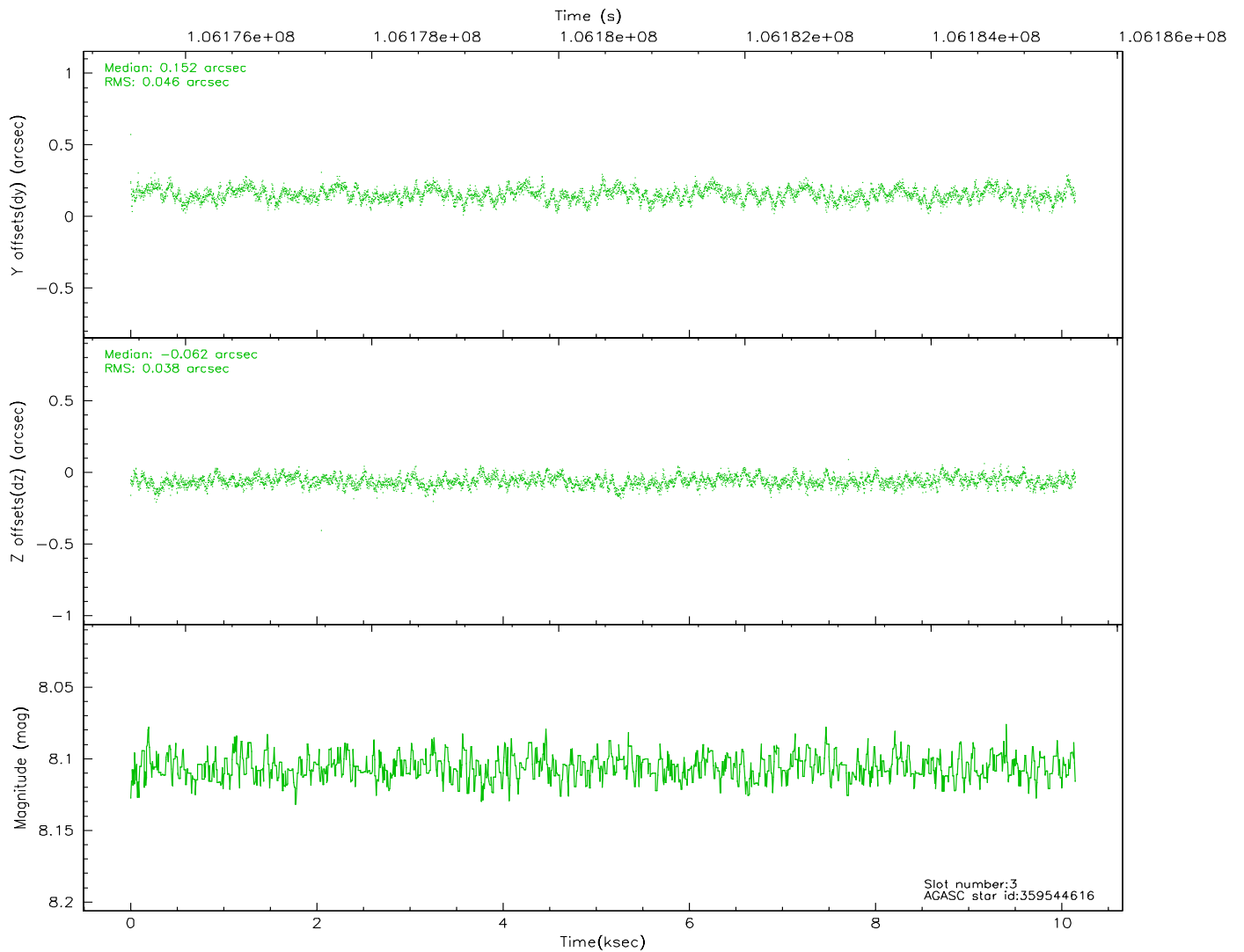
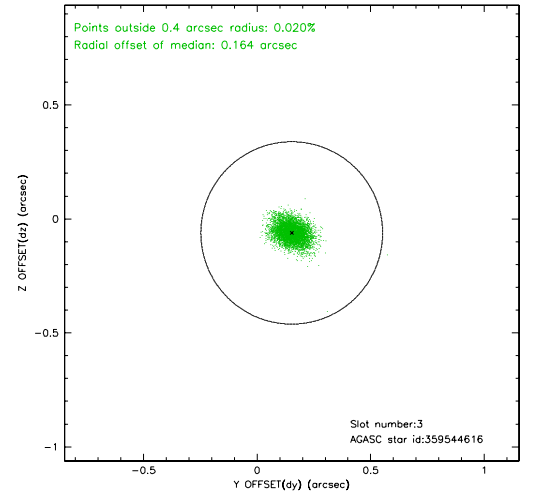
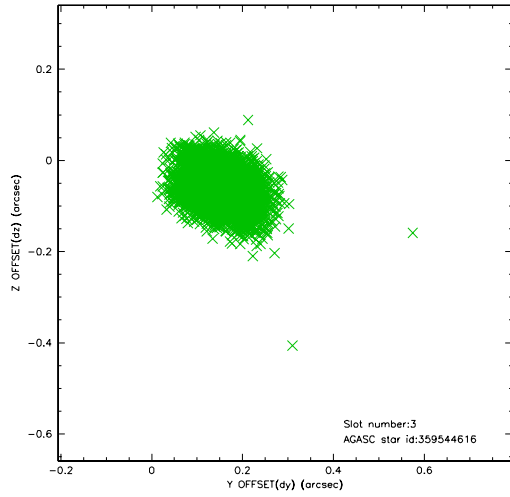


### Slot Statistics

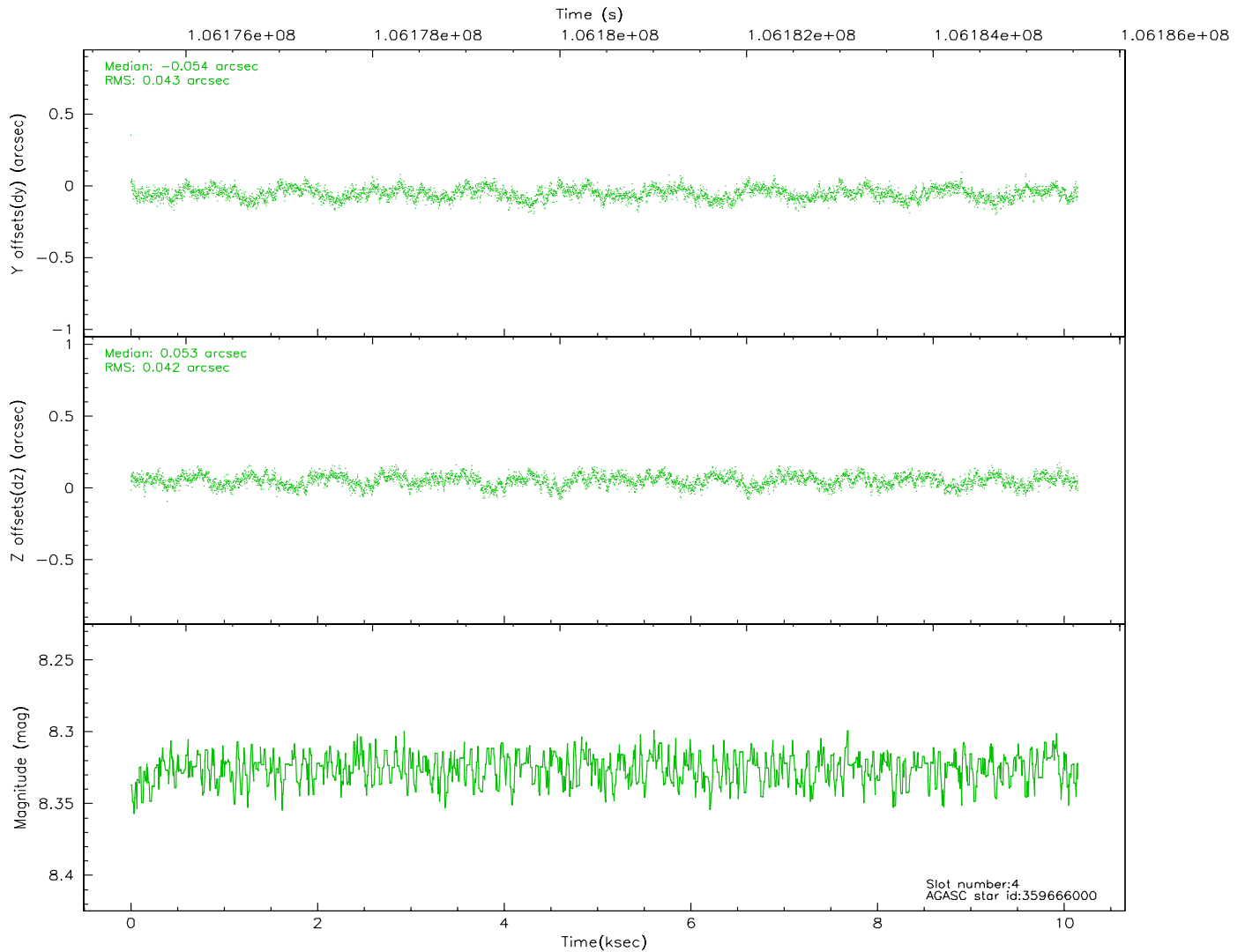
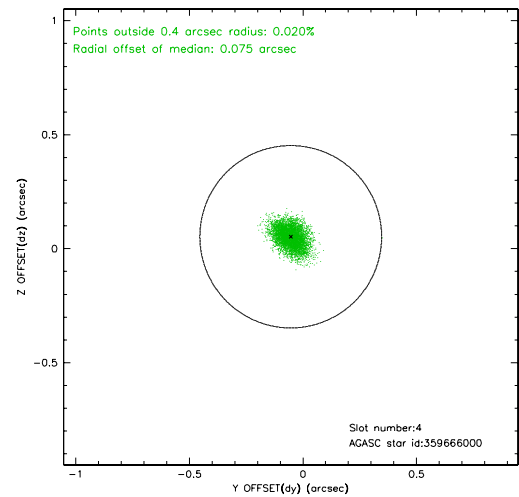
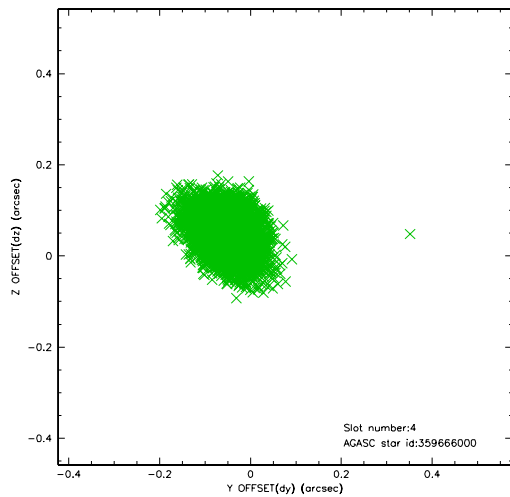
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2475	-0.026	0.020	0.008	0.013	0.000000	0.000000	-754.96	-1727.20
1	FID	ACIS-S-4	7.20	2475	-0.073	0.007	0.007	0.014	0.000000	0.000000	2158.00	180.79
2	FID	ACIS-S-5	7.24	2475	0.067	-0.018	0.006	0.011	0.000000	0.000000	-1807.08	174.95
3	GUIDE	359544616	8.11	4948	0.152	-0.062	0.062	0.102	339.312307	34.927880	-1306.32	1099.37
4	GUIDE	359666000	8.32	4948	-0.054	0.053	0.064	0.102	340.073033	35.557796	749.54	-1332.76
5	GUIDE	359539912	8.42	4945	0.066	-0.082	0.057	0.092	339.215941	35.135986	-533.50	1310.92
6	GUIDE	359539224	8.32	4949	-0.014	0.003	0.051	0.086	339.681867	35.512031	687.05	-176.74
7	GUIDE	360061328	8.86	4947	-0.151	0.091	0.064	0.103	339.634350	35.906085	2112.50	-167.33

## 2.4 Star Slots

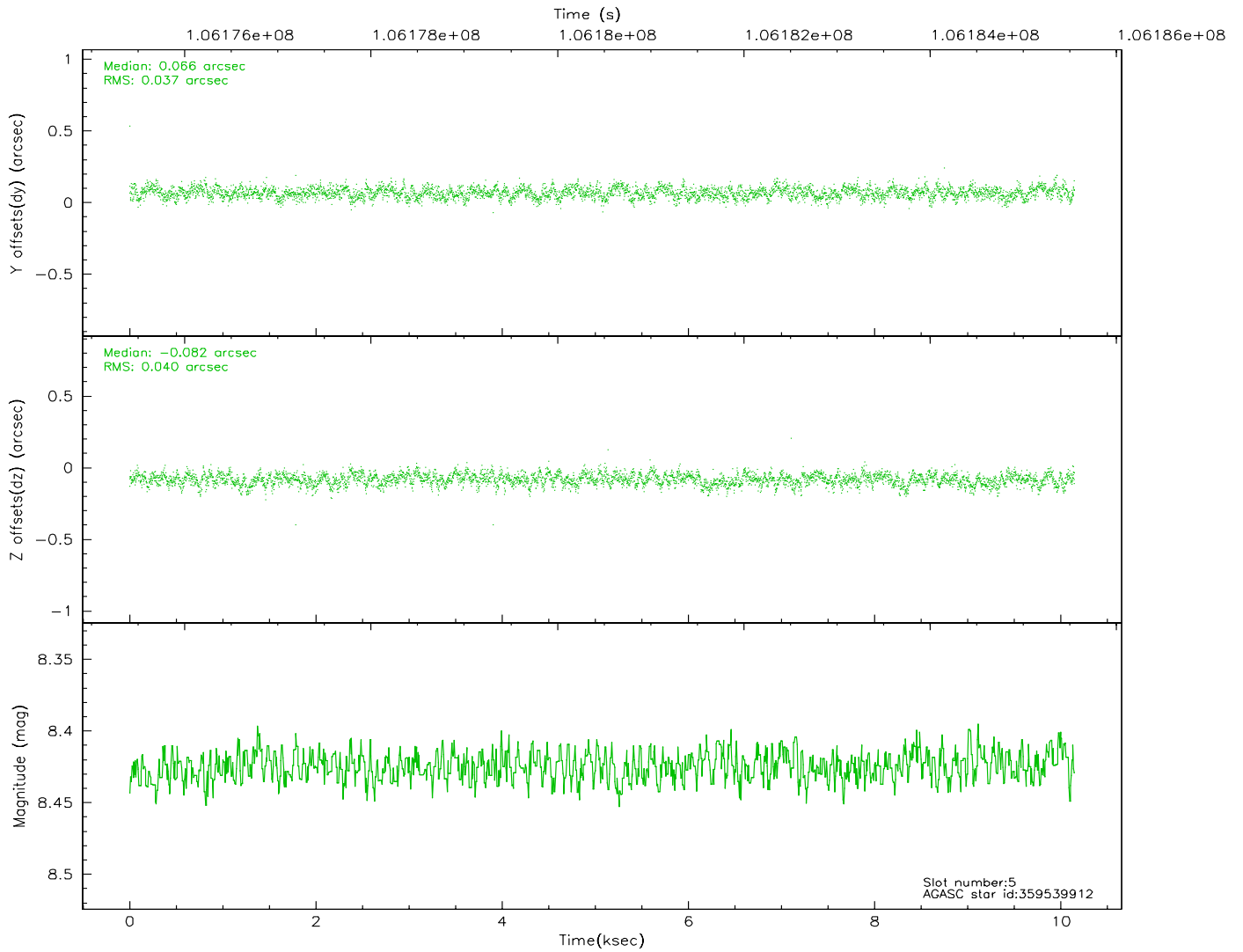
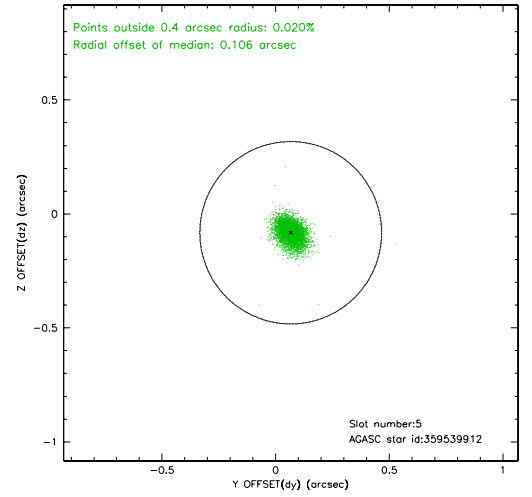
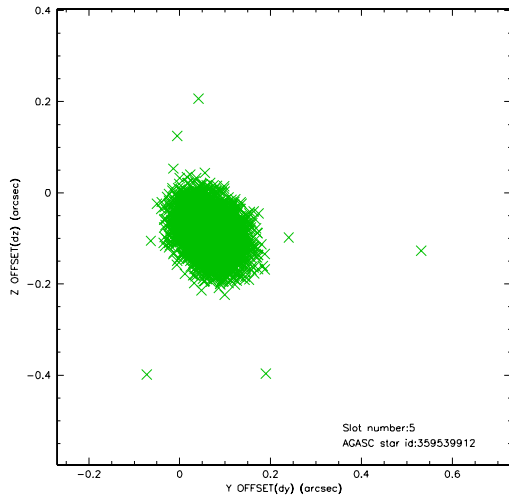
### 2.4.1 Slot 3



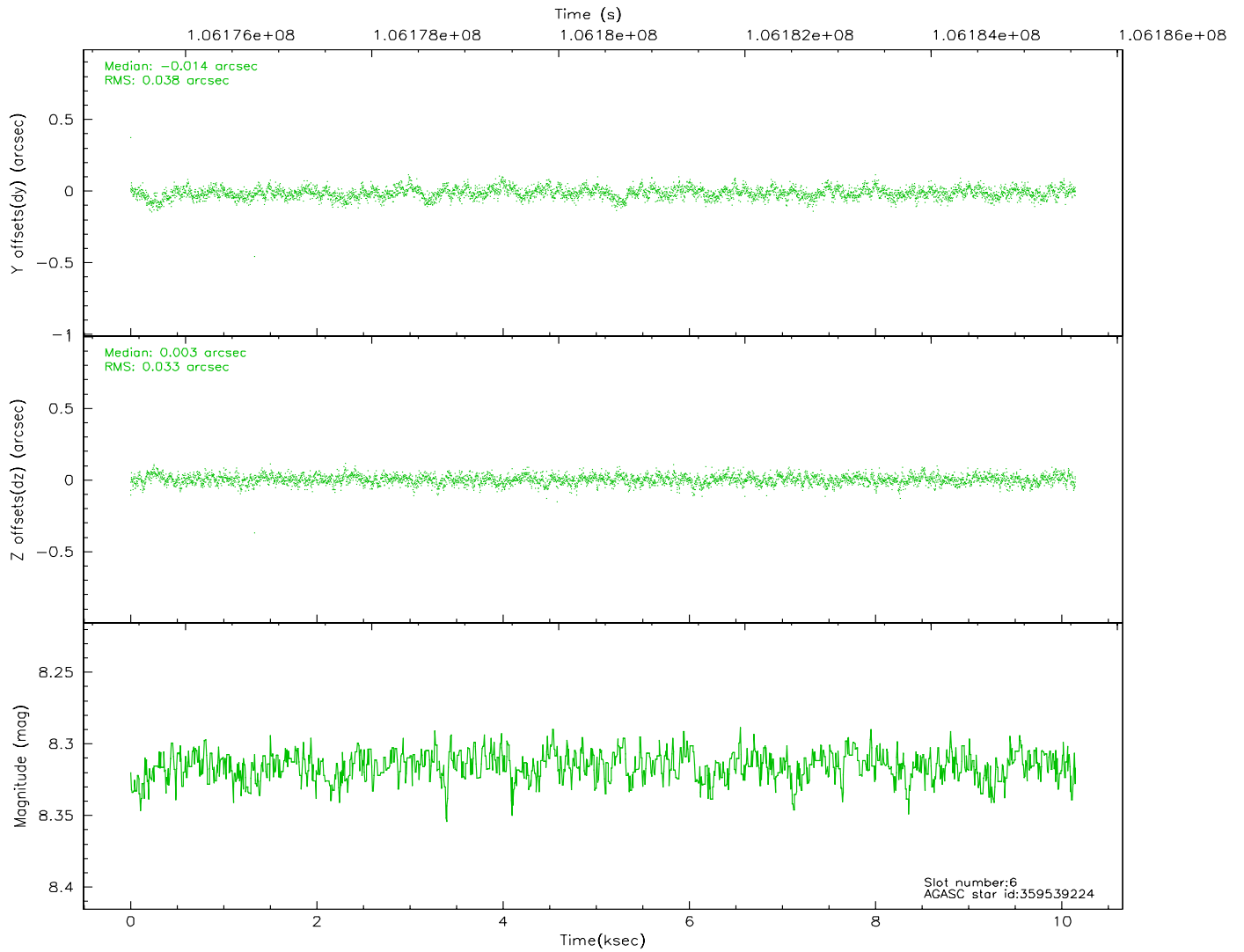
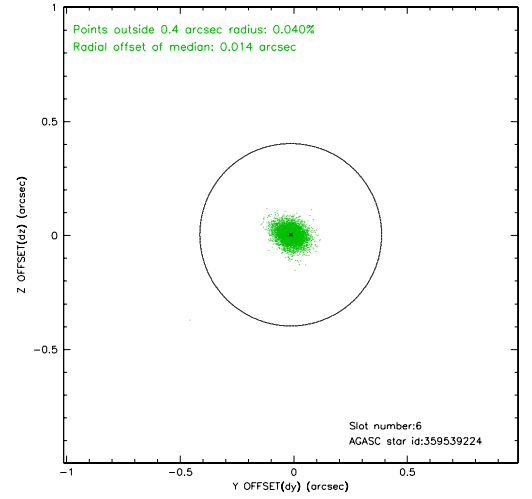
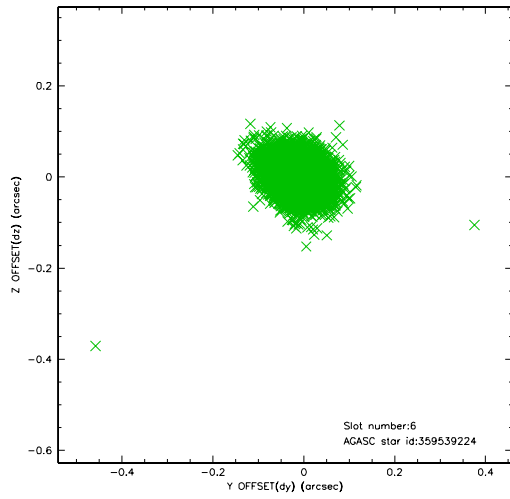
## 2.4.2 Slot 4



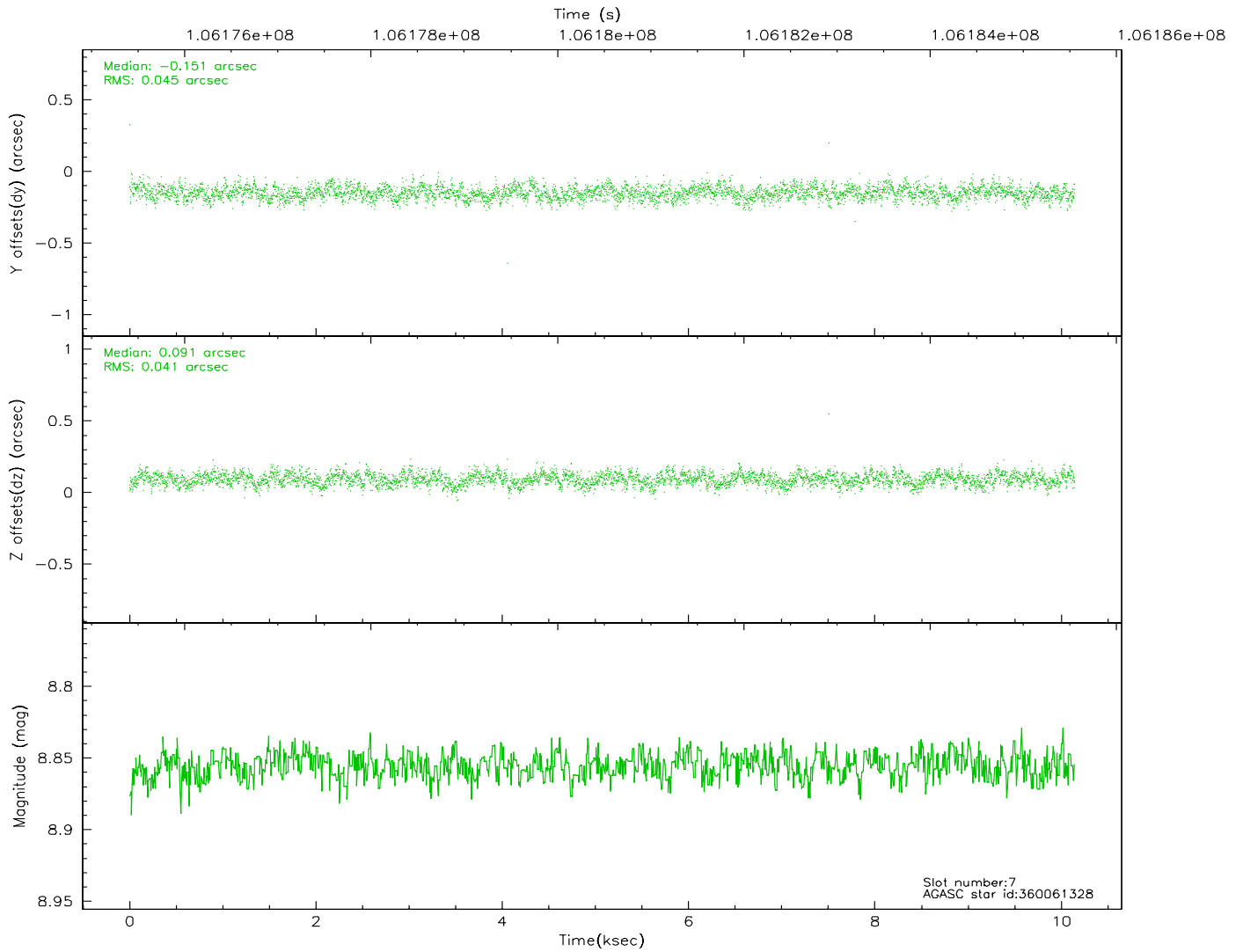
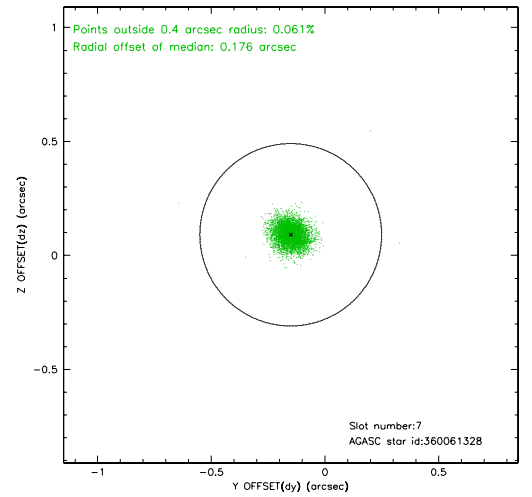
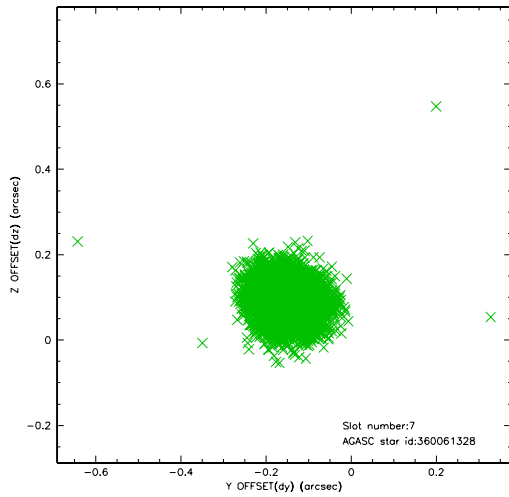
### 2.4.3 Slot 5



### 2.4.4 Slot 6

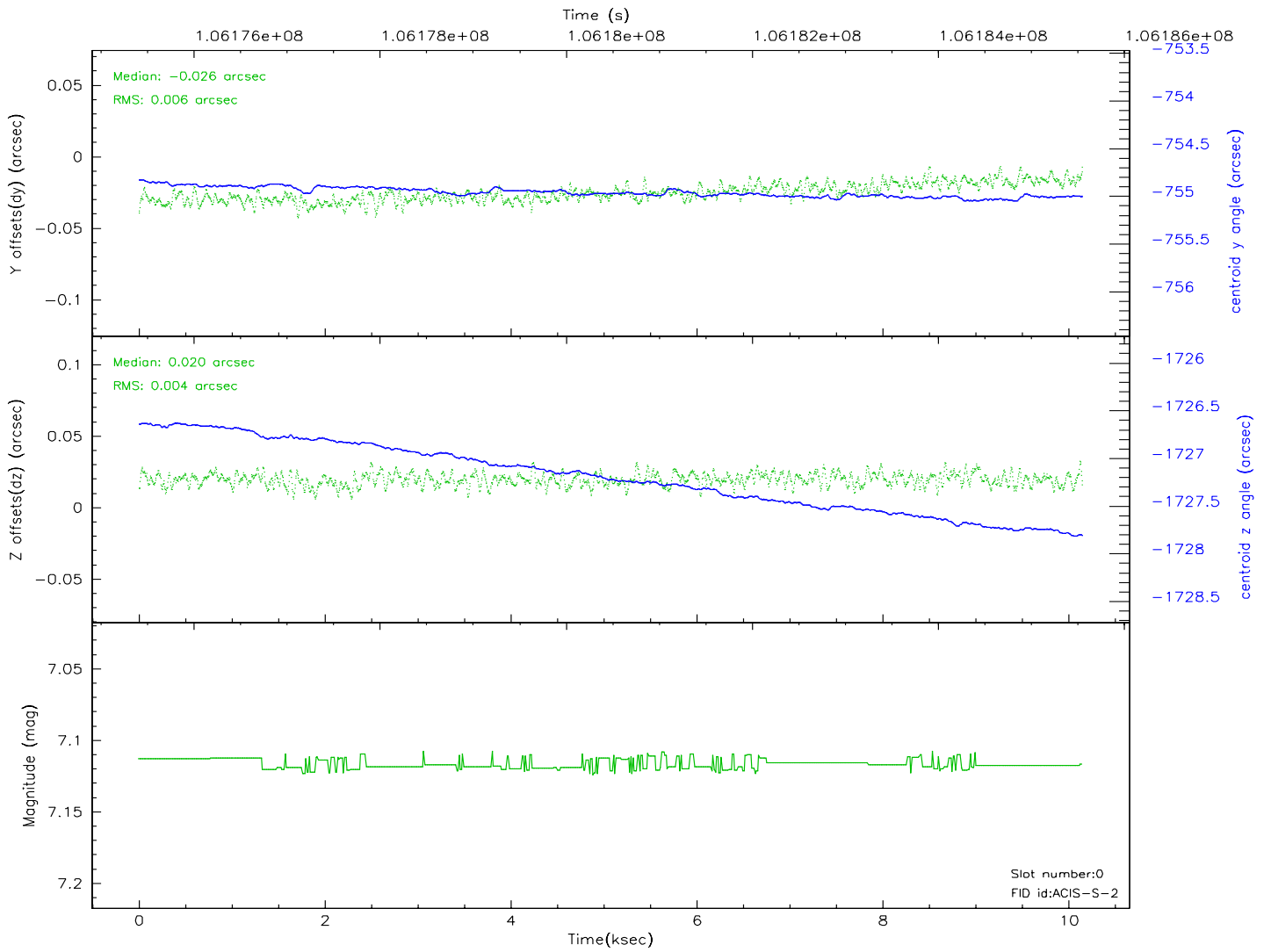
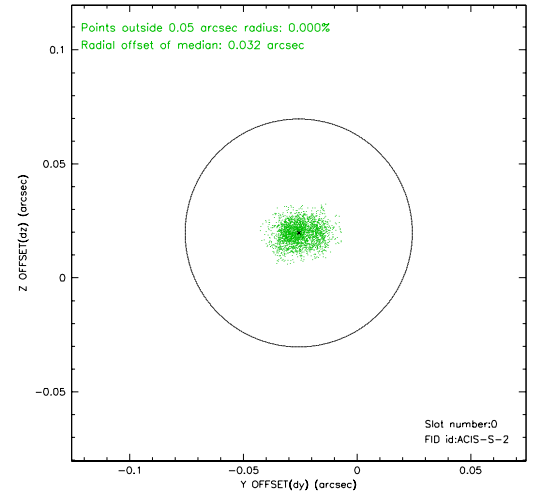
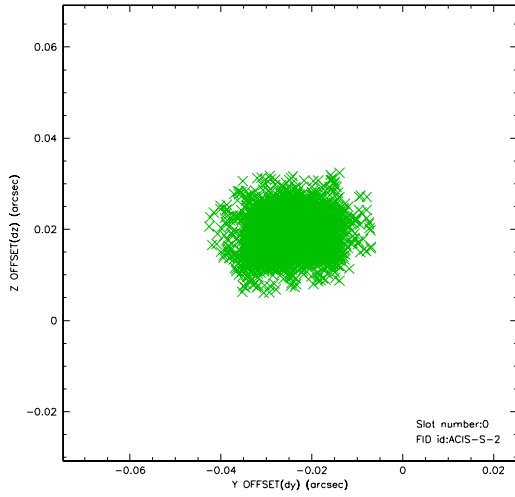


### 2.4.5 Slot 7

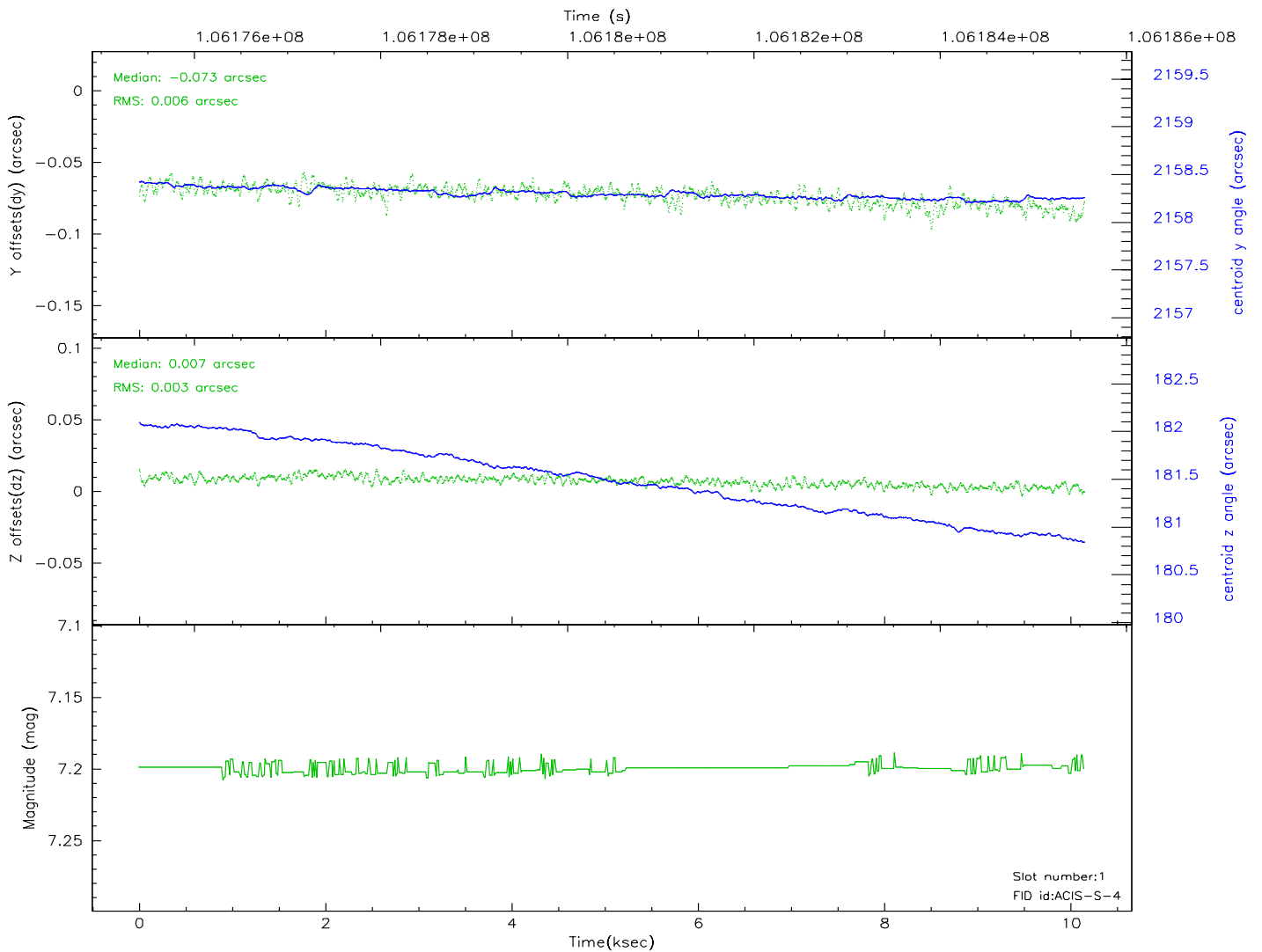
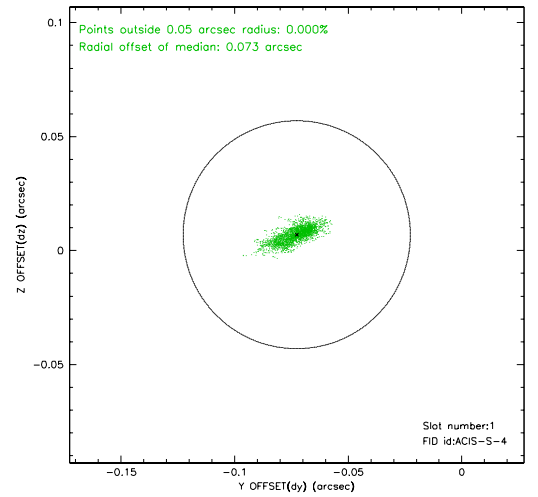
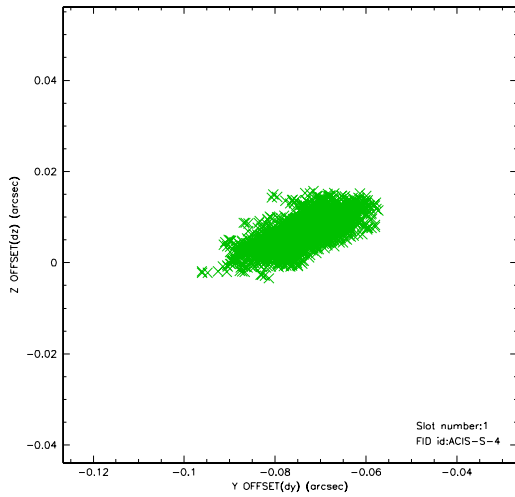


## 2.5 FID Slots

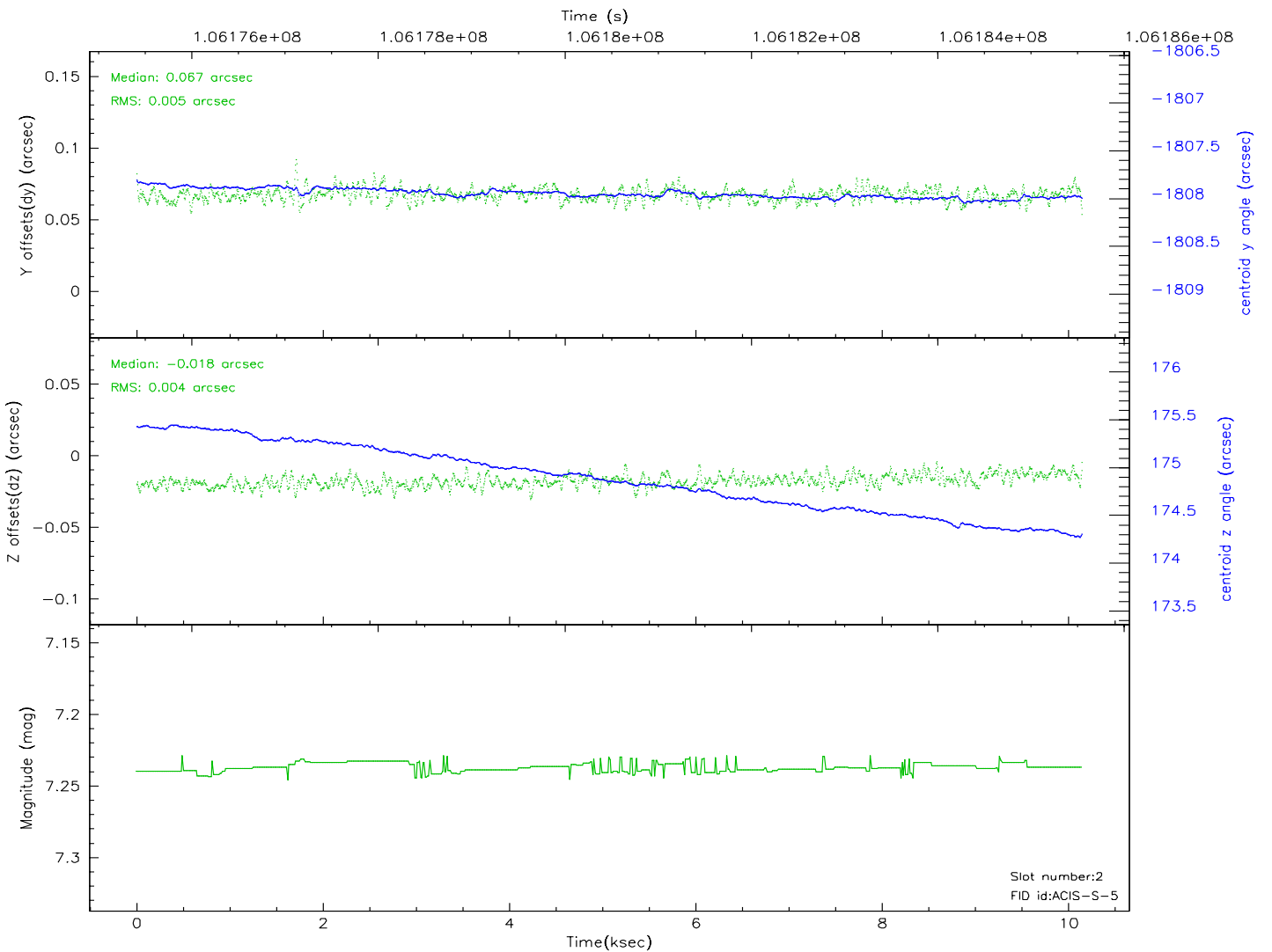
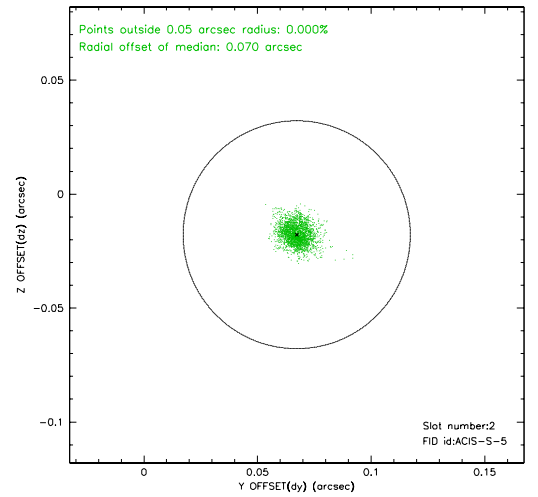
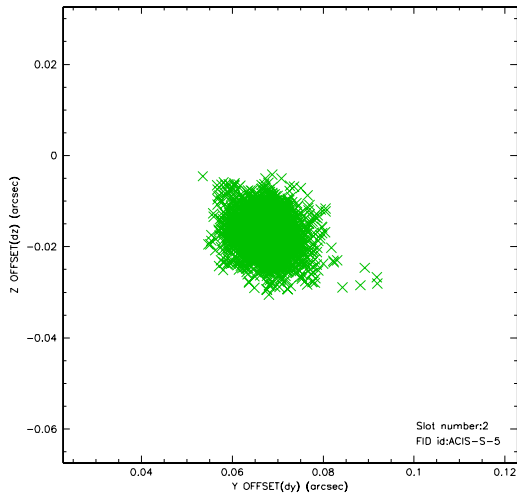
### 2.5.1 Slot 0



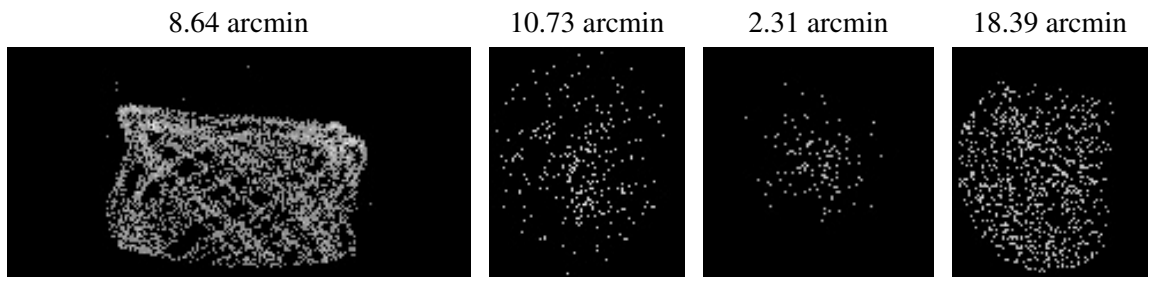
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.14

## A.2 Comments