

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 11482 - L2 Version 2  
Chandra X-Ray Center

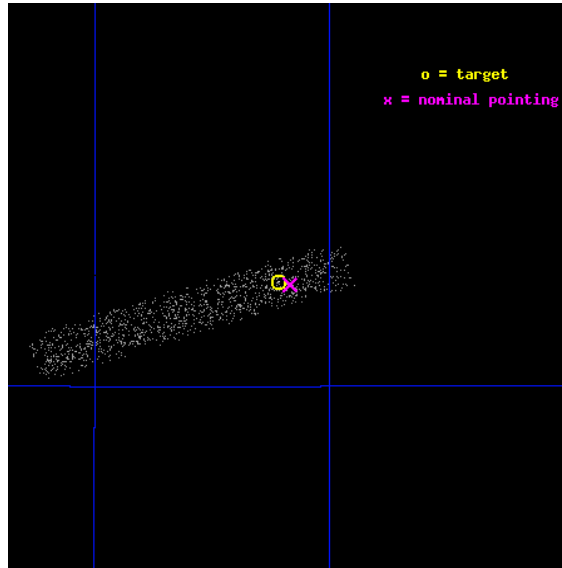
L2 Processing Date : Jun 25 2012

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# 1 Front

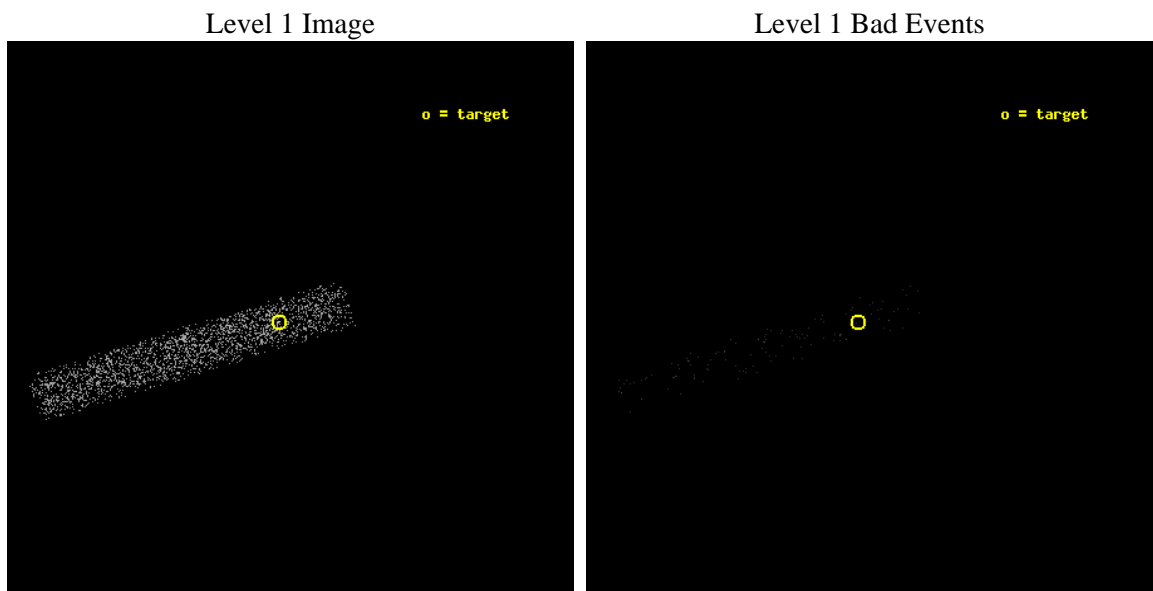
seq_num	702068	Sequence number
obs_id	11482	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J162636.40+350242.0	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	246.651667	Observer's specified target RA [deg]
dec_targ	35.045	Observer's specified target Dec [deg]
ra_nom	246.6459544257	Nominal RA [deg]
dec_nom	35.043680562752	Nominal Dec [deg]
roll_nom	163.02271487196	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2147.9998719692	Sum of GTIs [s]
livetime	1948.1225031464	Livetime [s]
ontime7	2147.9998719692	Sum of GTIs [s]
l2events	1334	Number of level 2 events



## 2 OBI

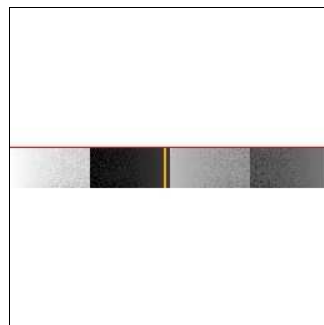
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2147.9998719692	Sum of GTIs [s]
caldbver	4.4.10	&#160	ontime7	2147.9998719692	Sum of GTIs [s]
date	2012-06-25T23:38:45	Date and time of file creation	l1events	3749	Number of level 1 events
revision	2	Processing version of data			

### 2.1.4 Events

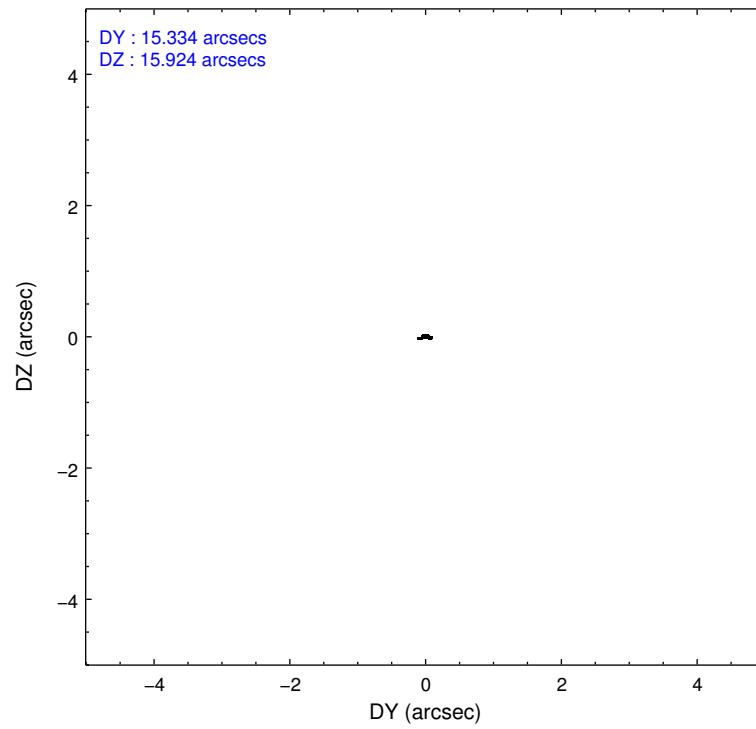
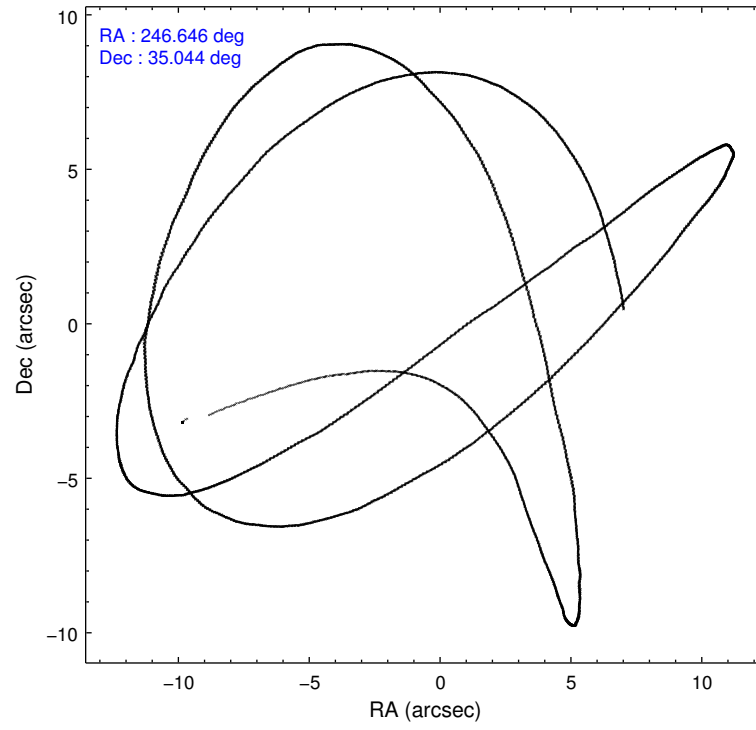
	<b>ccd 7</b>
level 1 events	3749
rejected events	2346
rejected %	62%

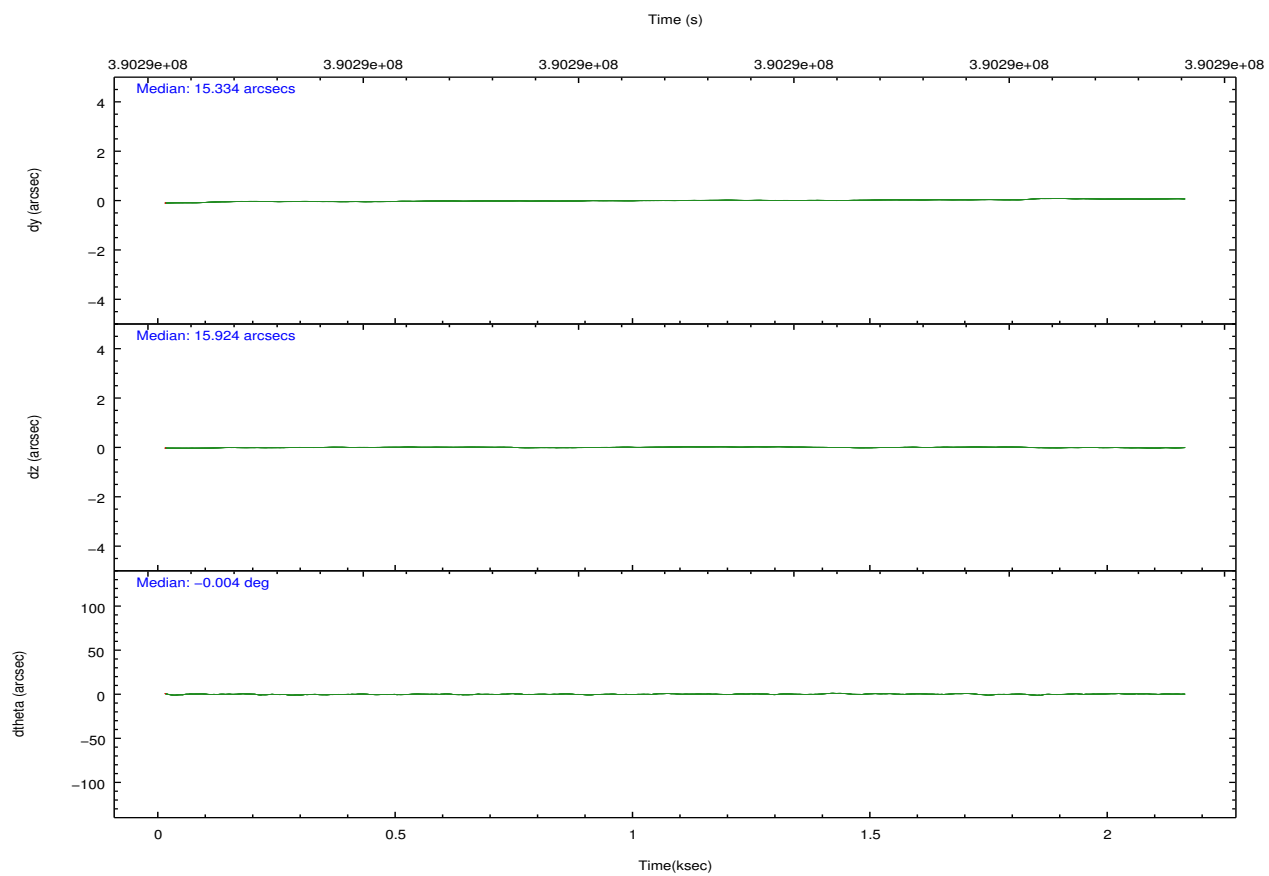
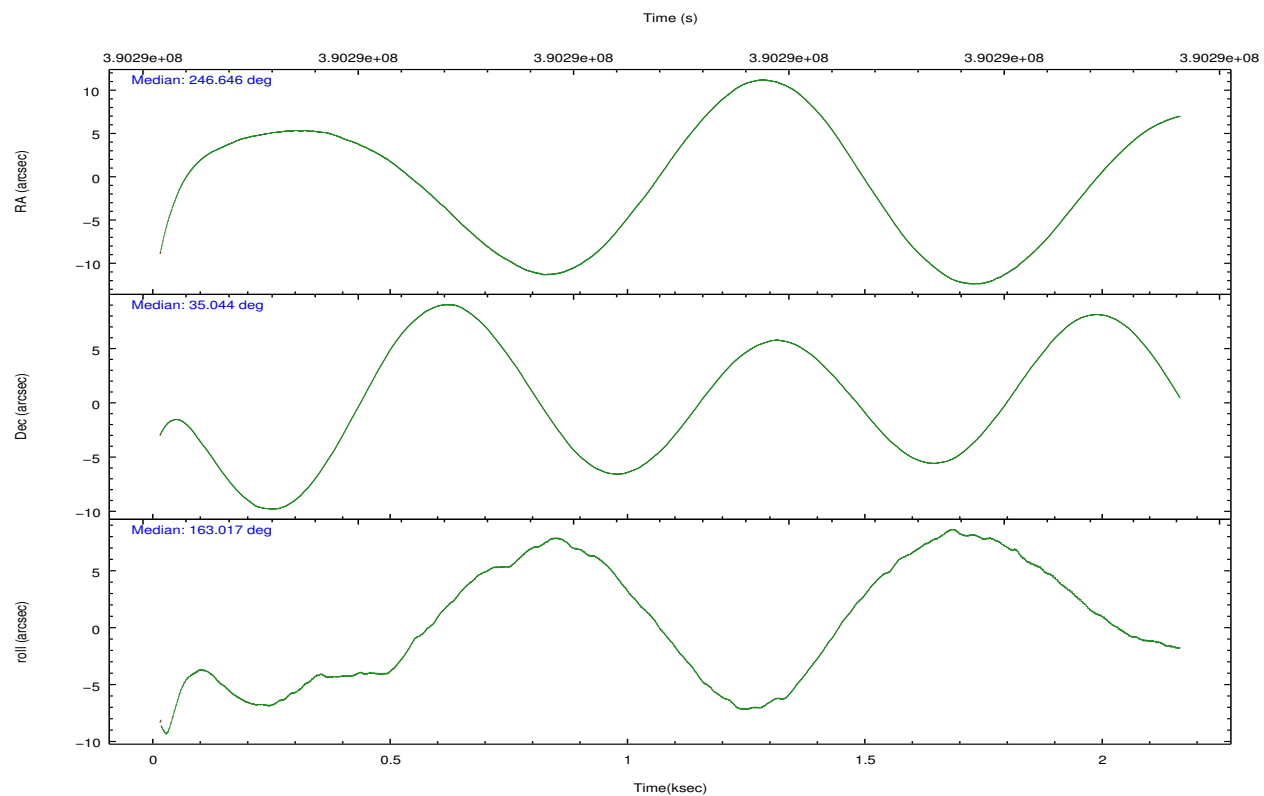
	<b>ccd 7</b>
grade 0 events	187
	4%
grade 1 events	2
	0%
grade 2 events	372
	9%
grade 3 events	268
	7%
grade 4 events	274
	7%
grade 5 events	413
	11%
grade 6 events	860
	22%
grade 7 events	1373
	36%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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
[deg] Pointing RA	246.678374	246.6459544257038	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	35.050288	35.04368056275187	Subarray start row	449	449
[deg] Pointing Roll	162.847552	163.0227148719633	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	390291301.184000	390290276.08766			
Observation start date	2010-05-15T06:13:55	2010-05-15T05:57:56			
[s] Observation end time (MET)	390293301.184000	390294315.61287			
Observation end date	2010-05-15T06:47:15	2010-05-15T07:05:15			
Read mode	TIMED	TIMED			

## 2.3 Aspect





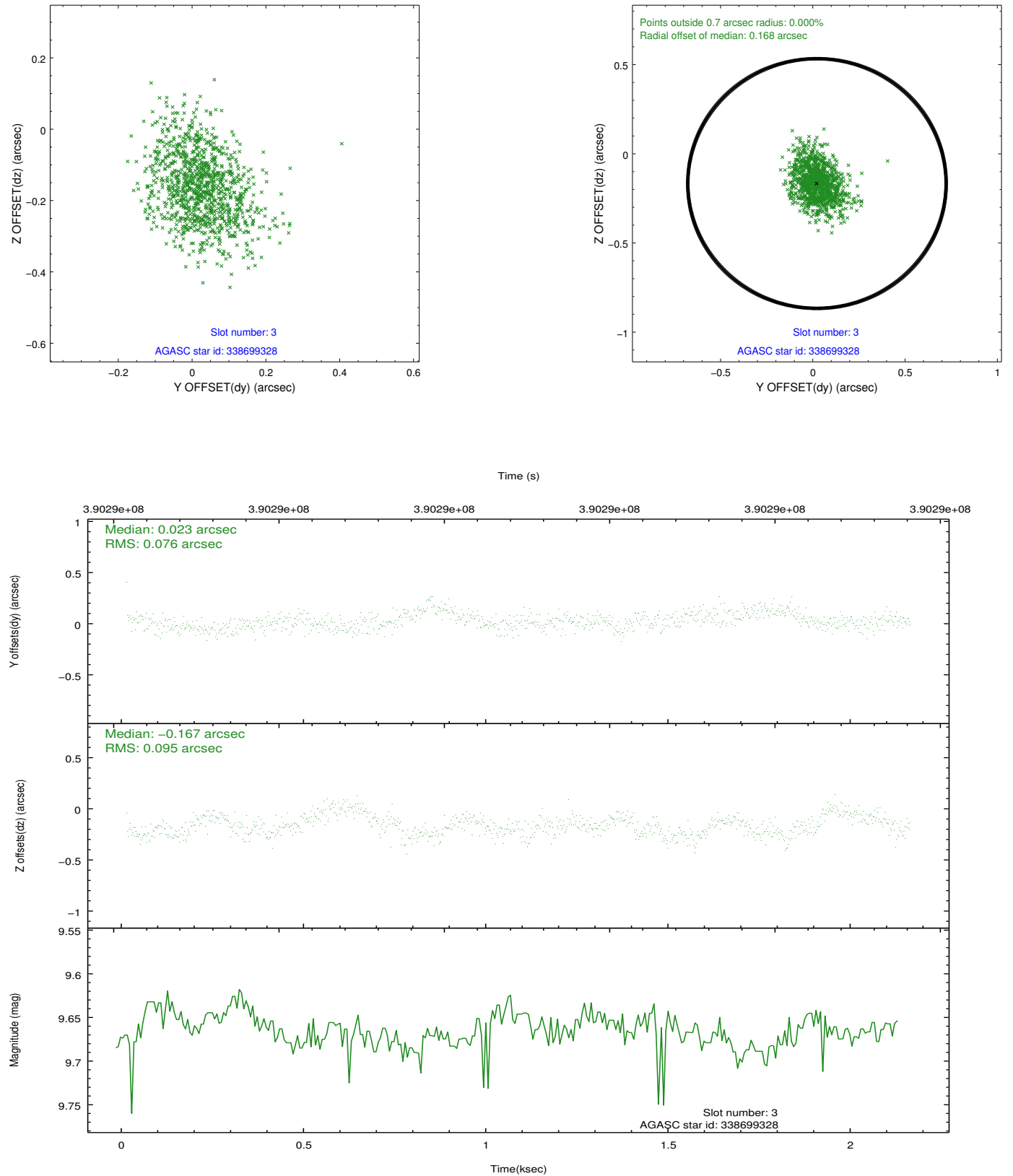
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	525	-0.093	-0.021	0.007	0.011	0.000000	0.000000	-768.40	-1737.35
1	FID	ACIS-S-4	6.96	525	0.192	0.051	0.005	0.010	0.000000	0.000000	2143.76	168.06
2	FID	ACIS-S-5	6.99	525	-0.131	-0.020	0.006	0.010	0.000000	0.000000	-1817.40	165.10
3	GUIDE	338699328	9.66	1048	0.023	-0.167	0.129	0.219	246.616720	34.868485	-18.57	678.94
4	GUIDE	339092032	8.67	1049	-0.033	0.063	0.093	0.139	246.329827	35.538996	1495.58	-1380.79
5	GUIDE	339095040	9.48	1048	0.025	0.180	0.092	0.148	247.177687	35.107275	-1341.54	-634.43
6	GUIDE	339096328	7.31	1049	0.257	0.099	0.058	0.095	247.437885	35.201901	-1971.81	-1189.23
7	GUIDE	339095936	9.80	1047	-0.269	-0.175	0.146	0.231	247.534406	35.171123	-2277.16	-1170.42

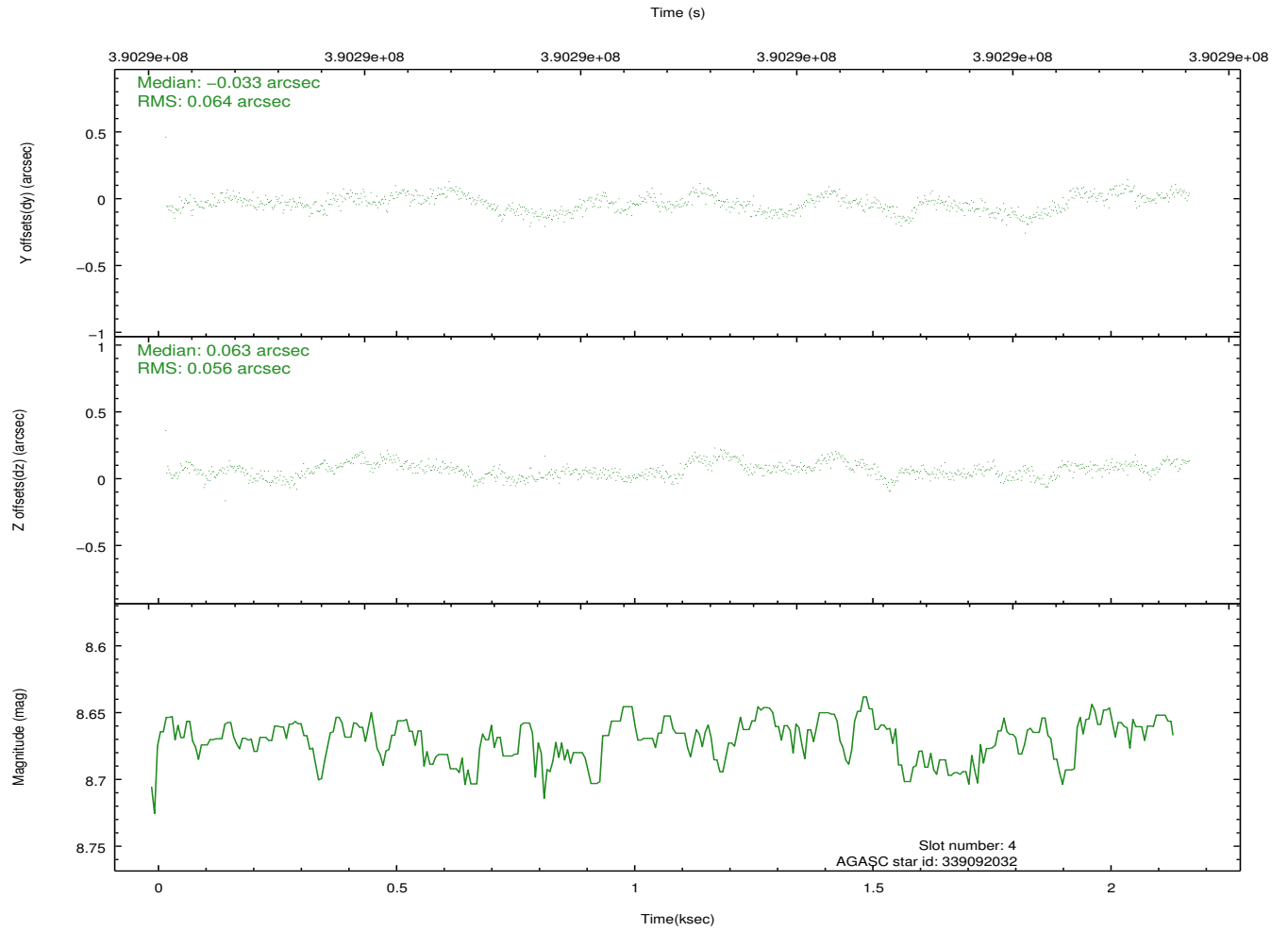
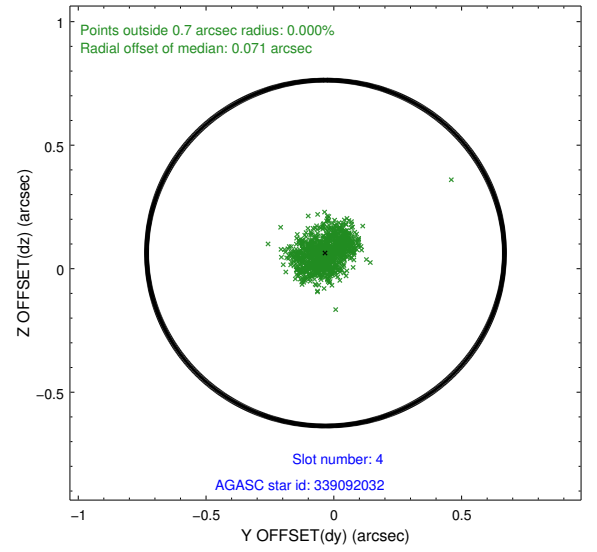
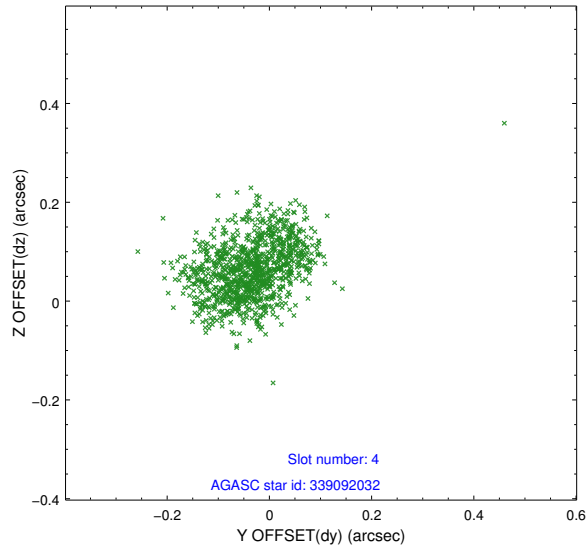


## 2.4 Star Slots

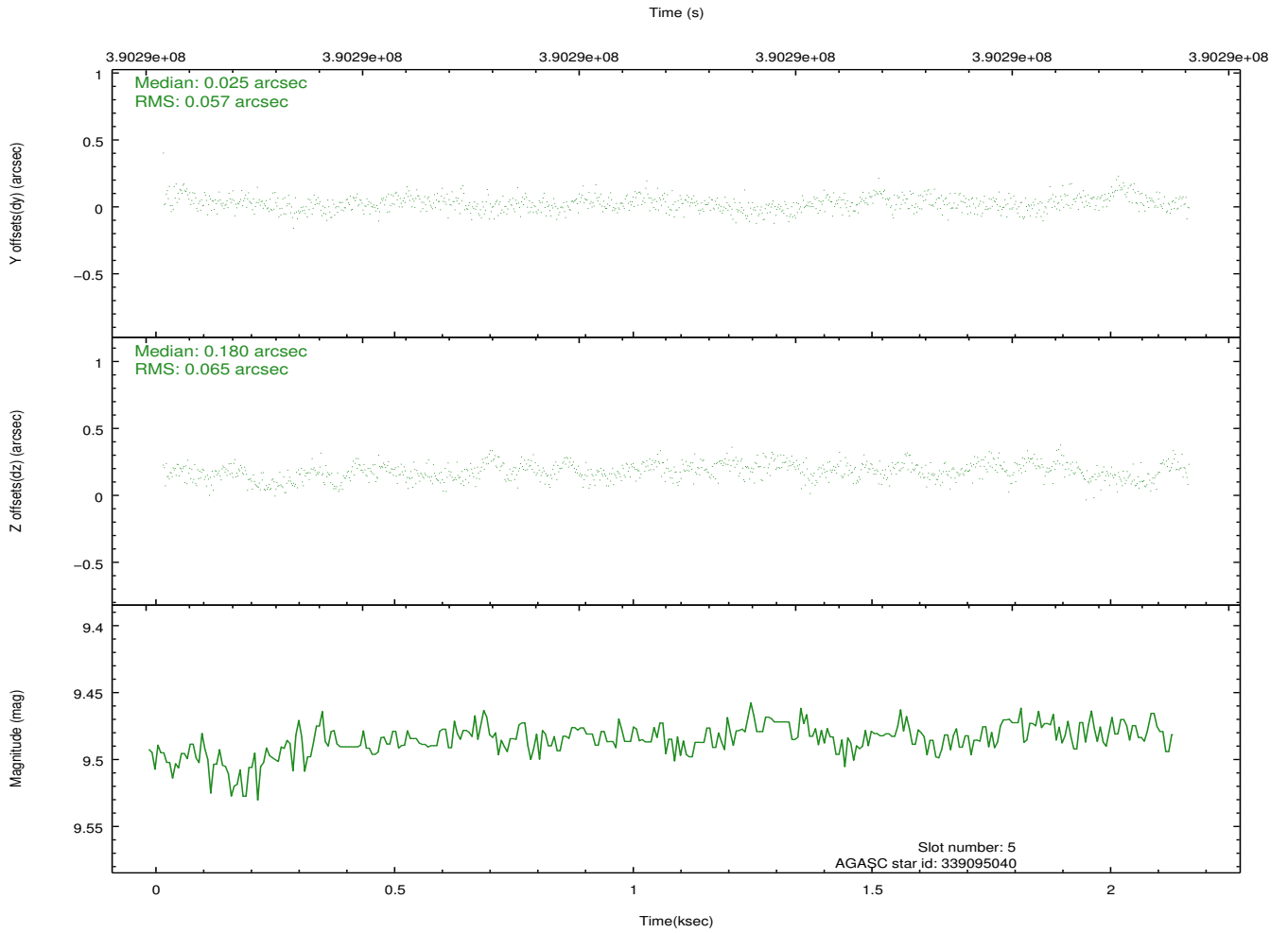
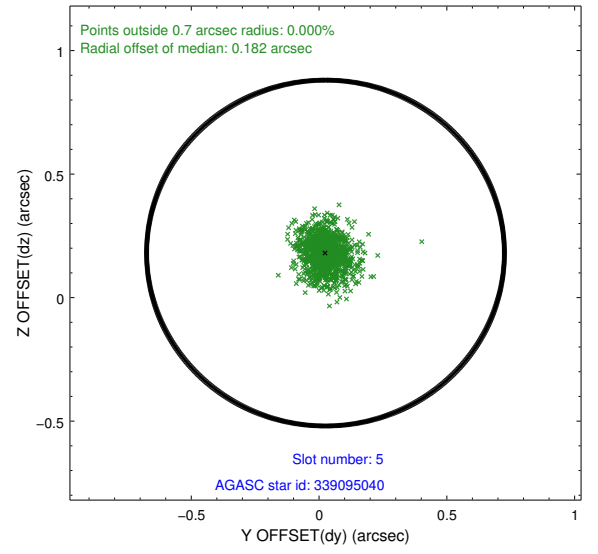
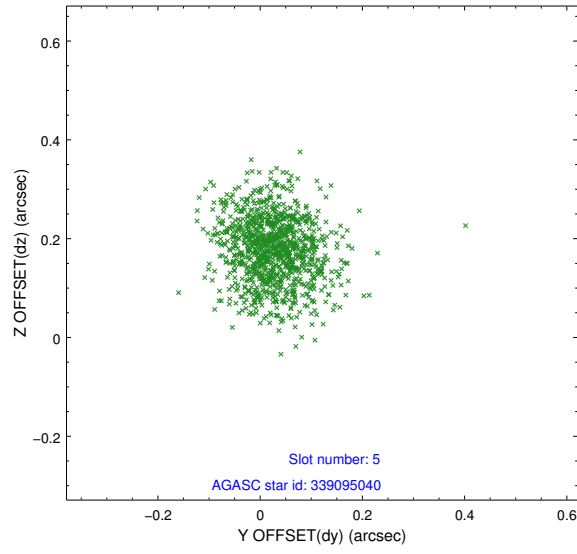
### 2.4.1 Slot 3



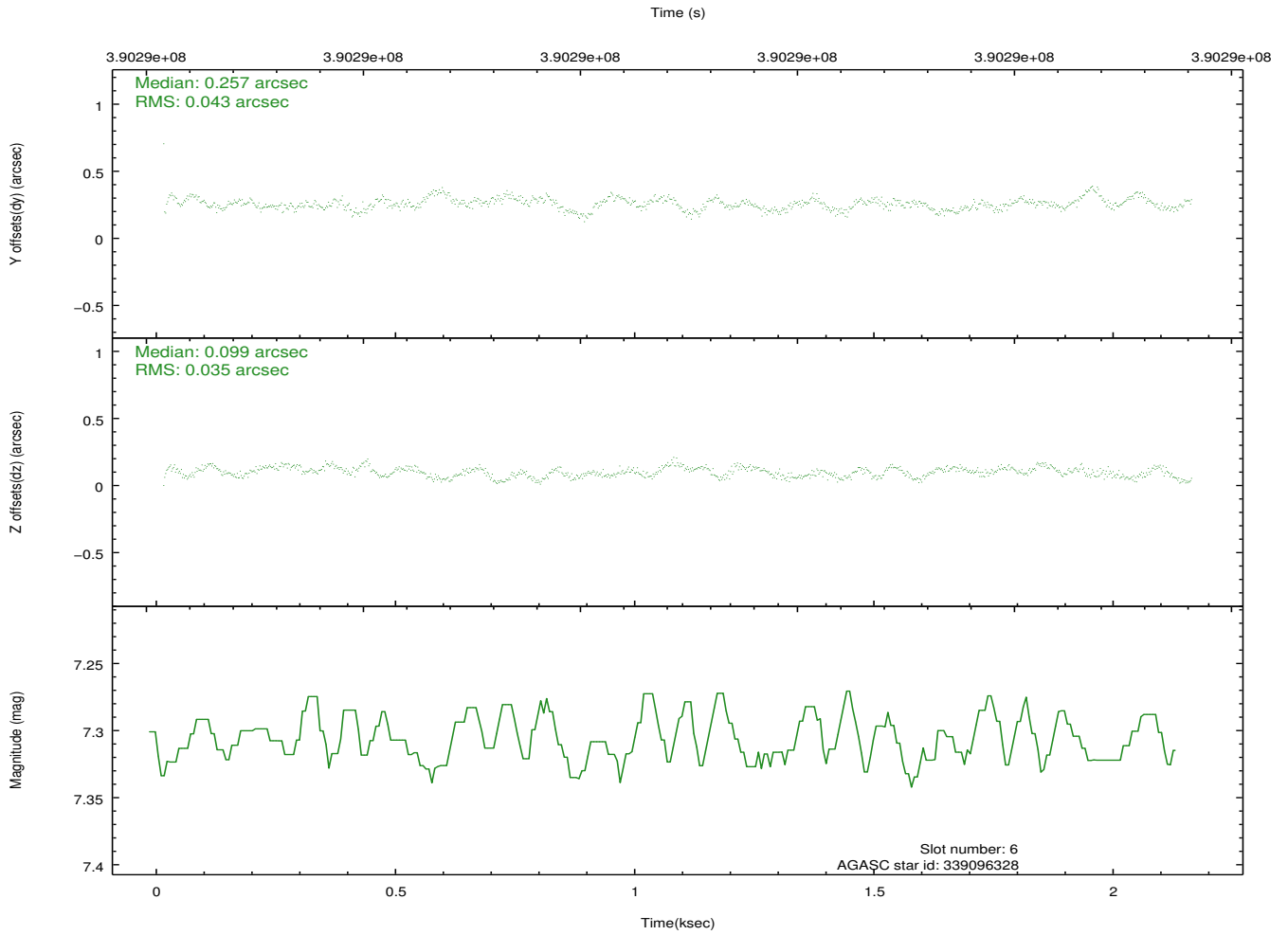
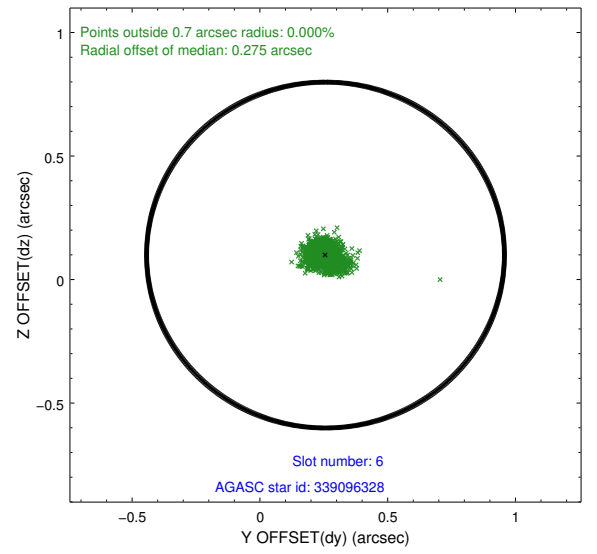
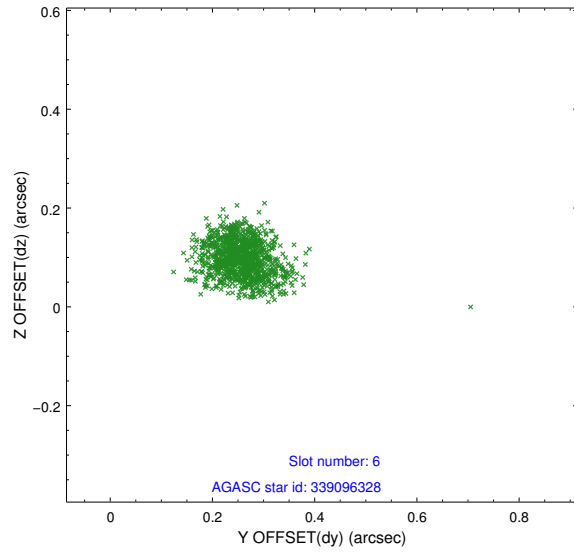
## 2.4.2 Slot 4



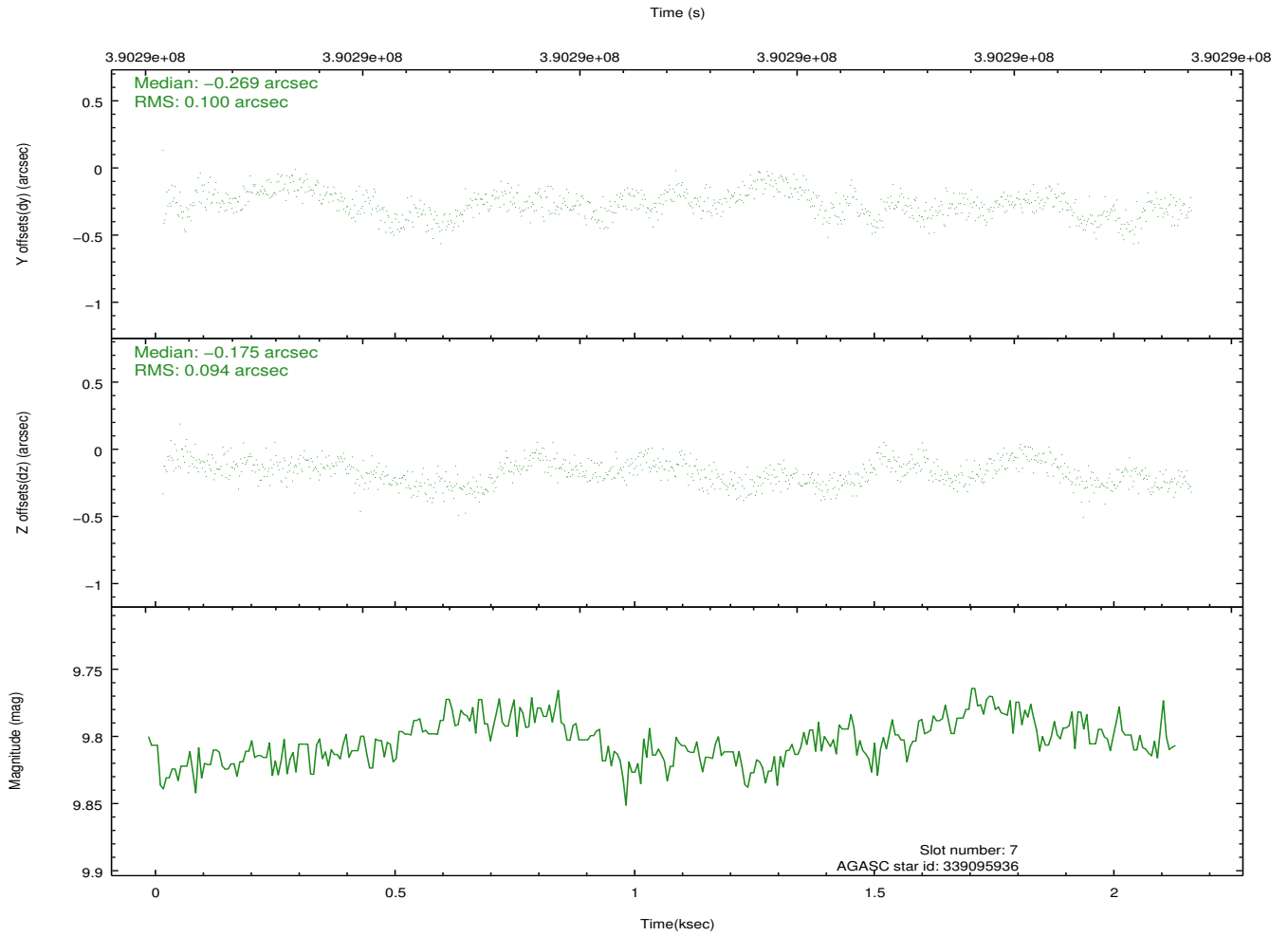
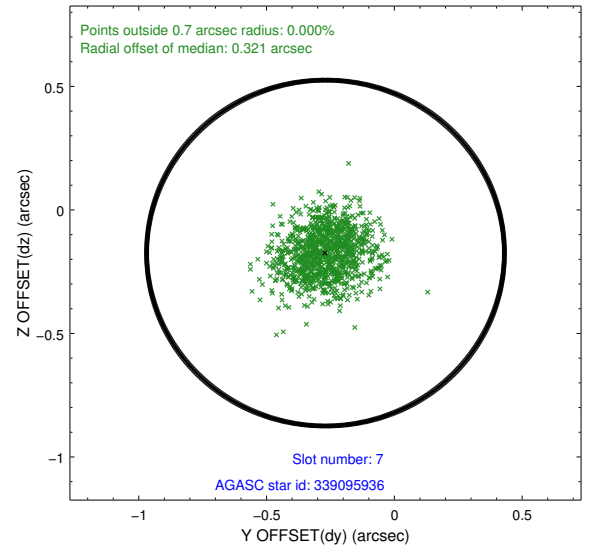
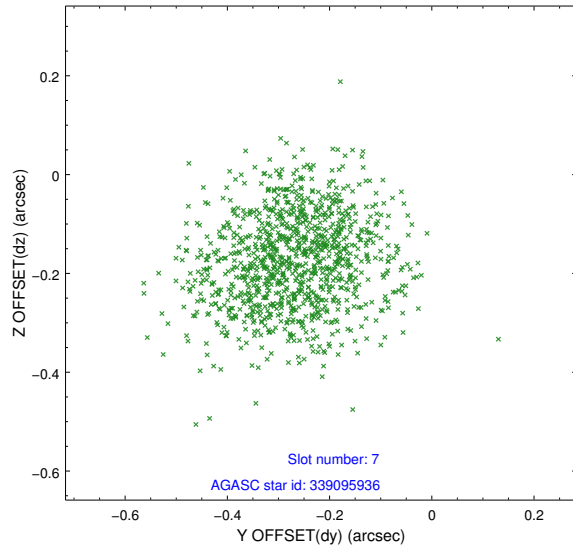
### 2.4.3 Slot 5



## 2.4.4 Slot 6

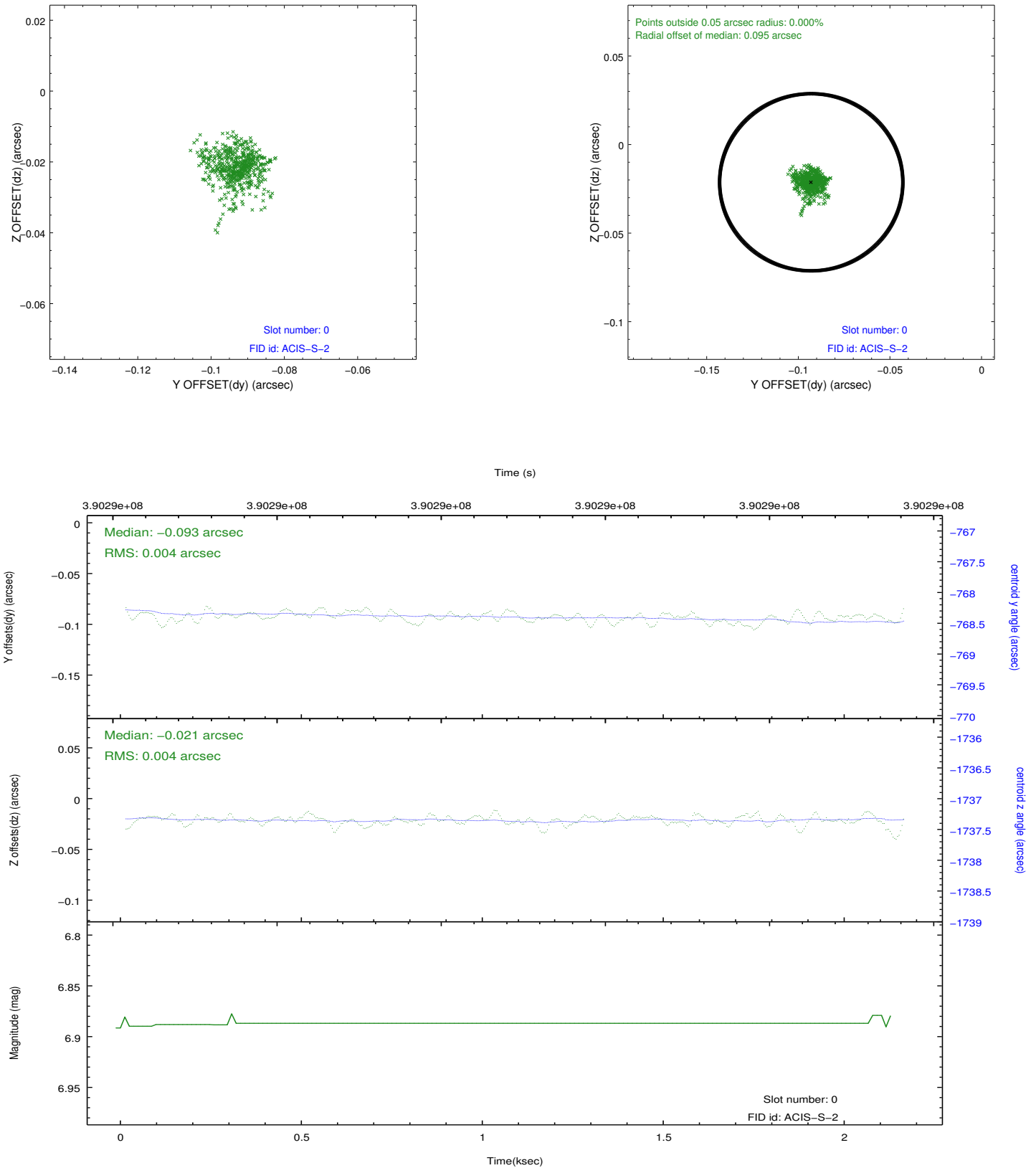


## 2.4.5 Slot 7

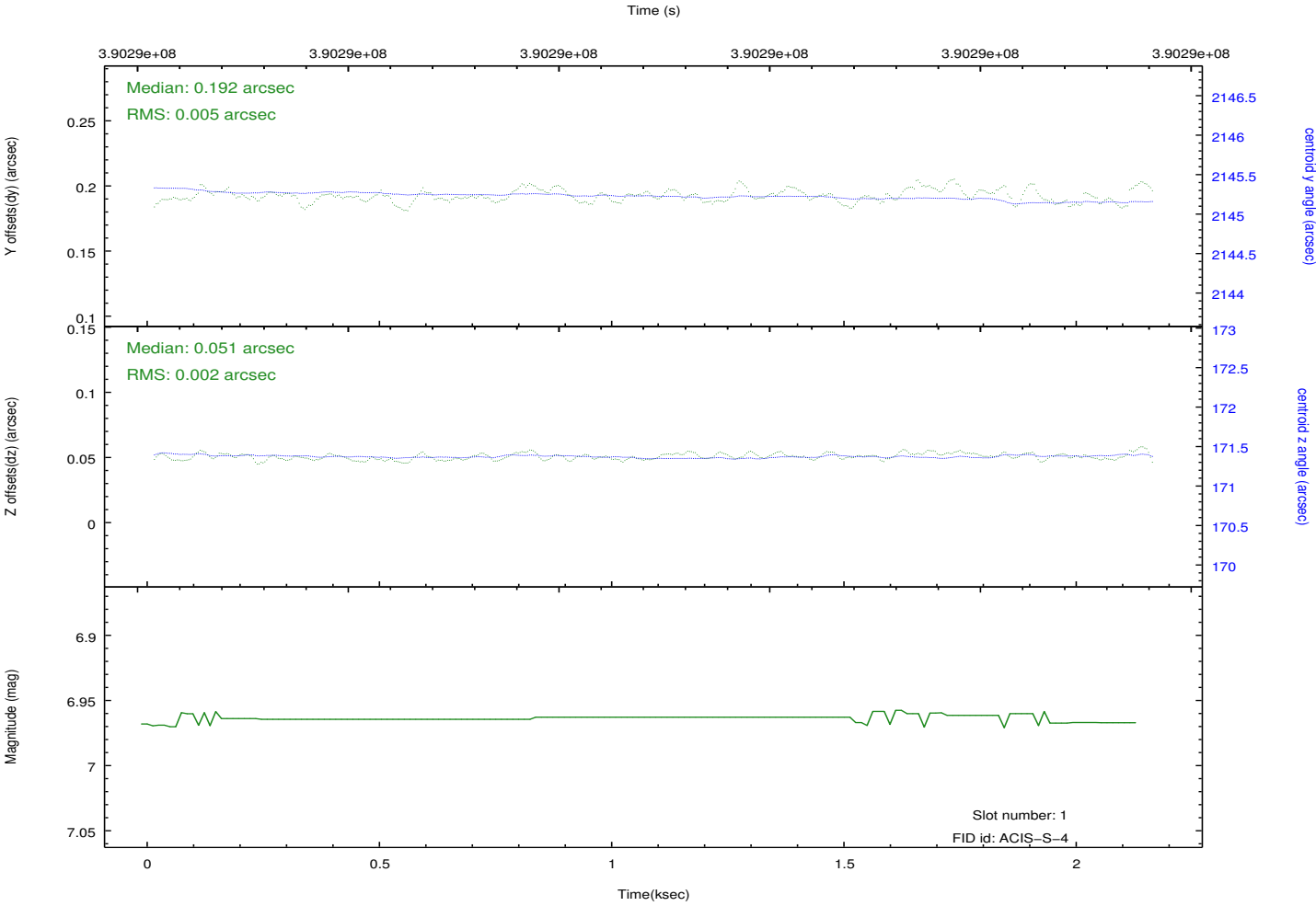
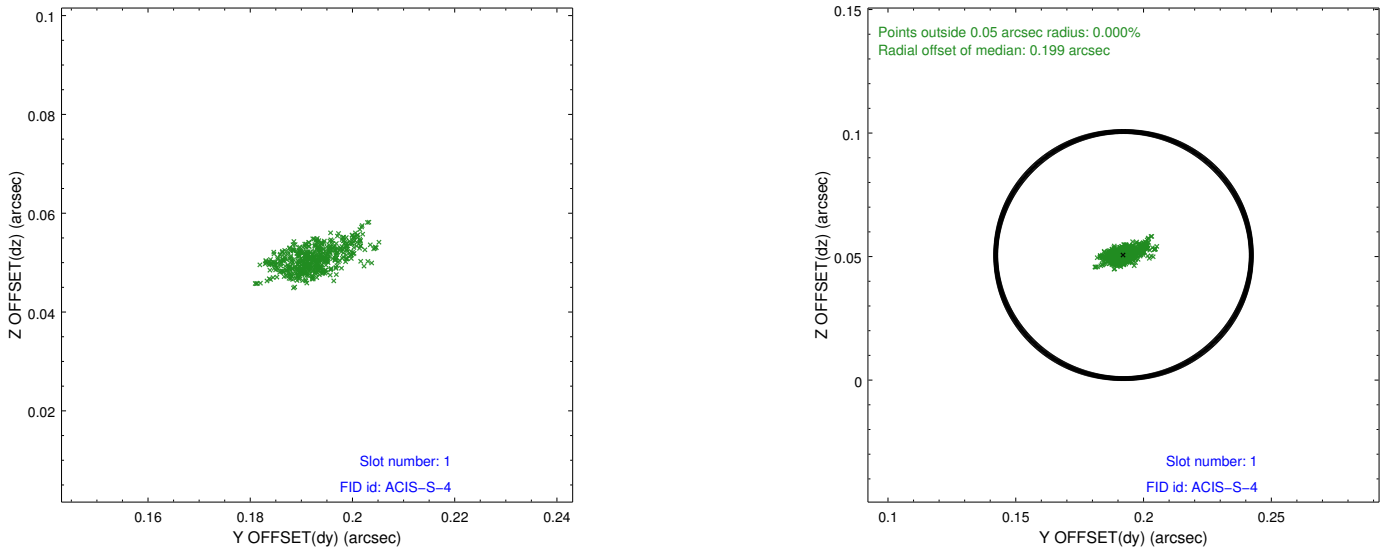


## 2.5 FID Slots

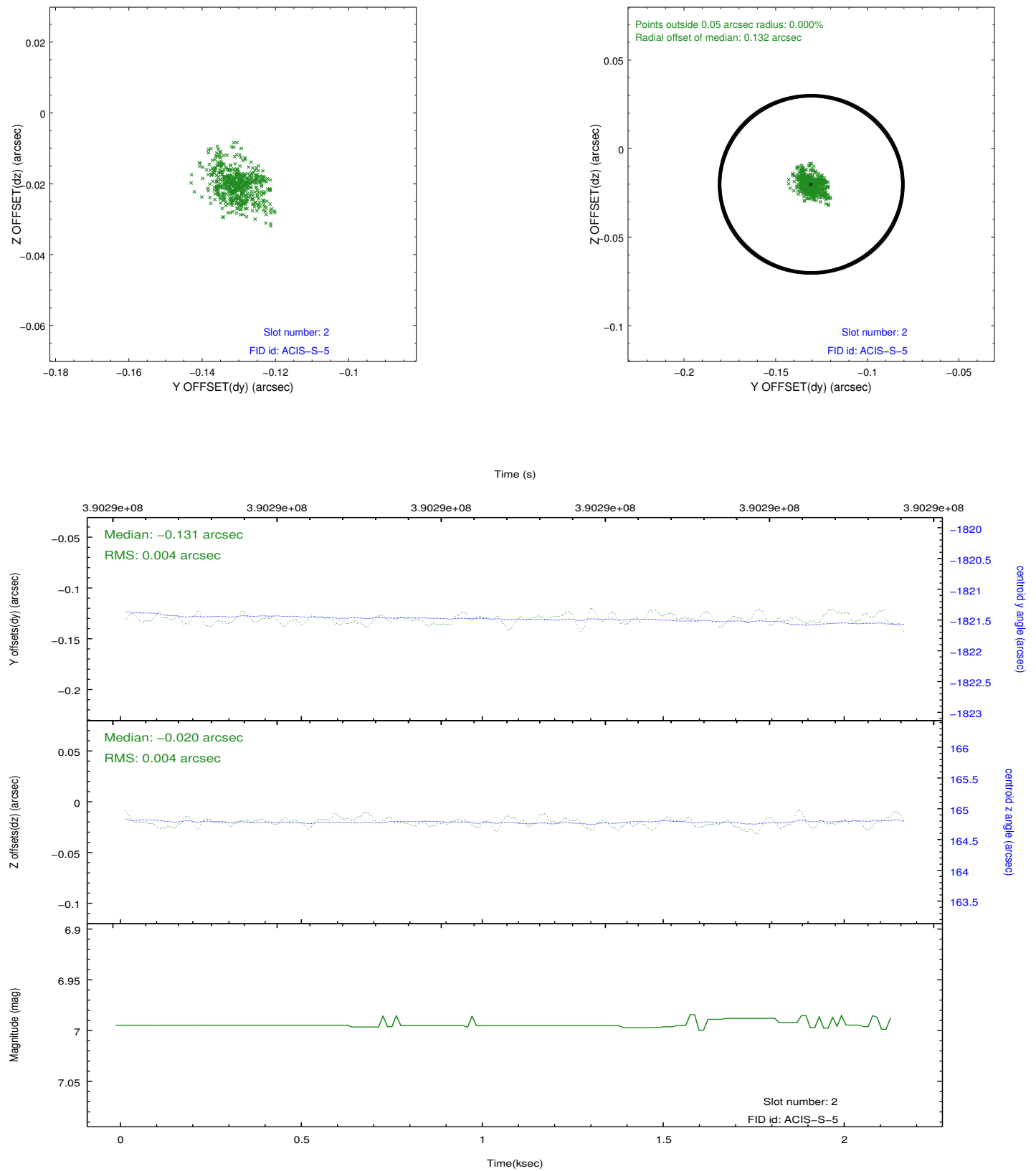
### 2.5.1 Slot 0



2.5.2 Slot 1



### 2.5.3 Slot 2





## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1479998719692

### A.2 Comments