

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 6770 - L2 Version 2  
Chandra X-Ray Center

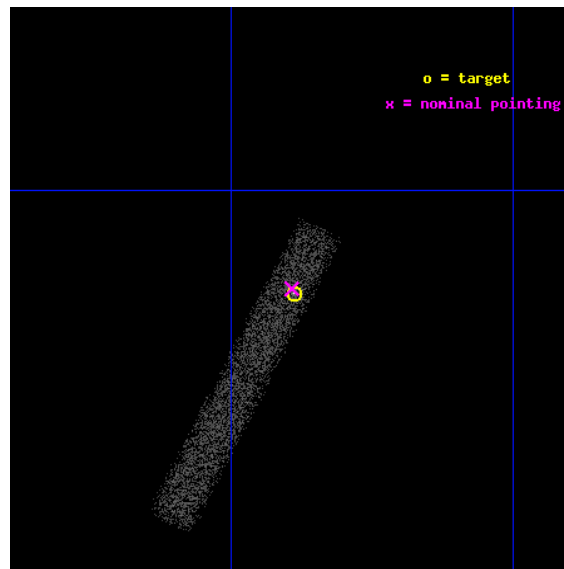
L2 Processing Date : Apr 4 2012

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# 1 Front

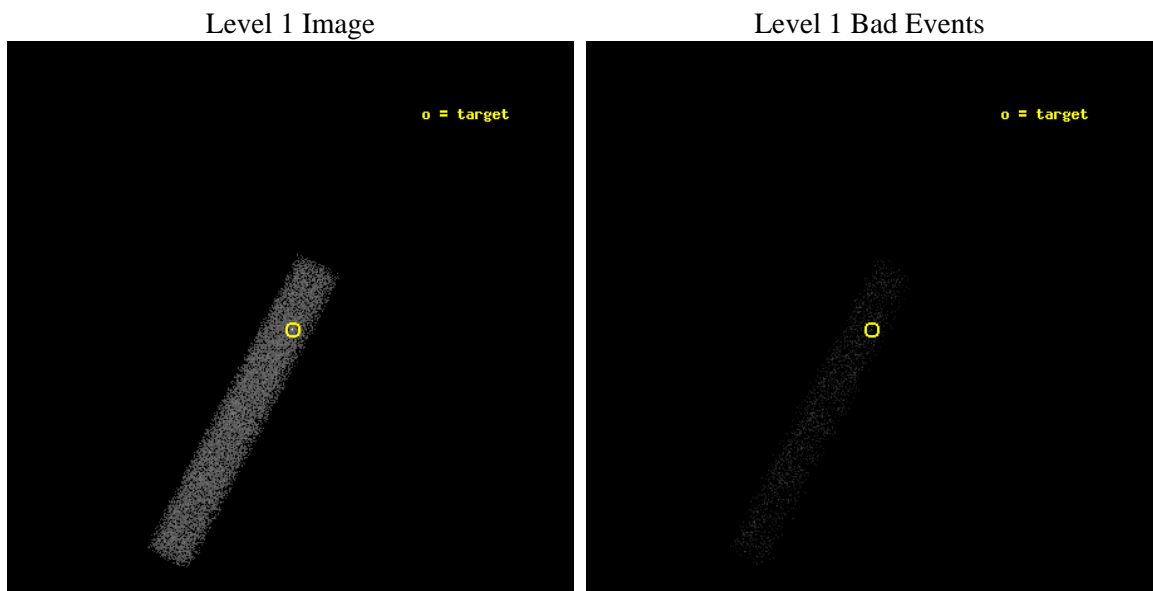
seq_num	701188	Sequence number
obs_id	6770	Observation id
title	Exploring the X-Ray Properties of Active Galactic Nuclei with Double-Peaked Balmer Lines	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	SDSSJ0132-0952	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	23.222083	Observer's specified target RA [deg]
dec_targ	-9.877639	Observer's specified target Dec [deg]
ra_nom	23.223039941495	Nominal RA [deg]
dec_nom	-9.8757346619507	Nominal Dec [deg]
roll_nom	117.60106747818	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8987.6001338959	Sum of GTIs [s]
livetime	8151.2789170106	Livetime [s]
ontime7	8987.6001338959	Sum of GTIs [s]
l2events	7387	Number of level 2 events



## 2 OBI

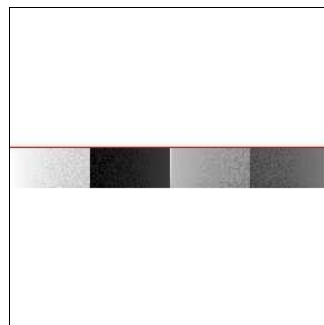
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8951.961000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8987.6001338959	Sum of GTIs [s]
caldsver	4.4.9	&#160	ontime7	8987.6001338959	Sum of GTIs [s]
date	2012-04-04T00:38:41	Date and time of file creation	l1events	18048	Number of level 1 events
revision	2	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	18048
rejected events	10397
rejected %	57%

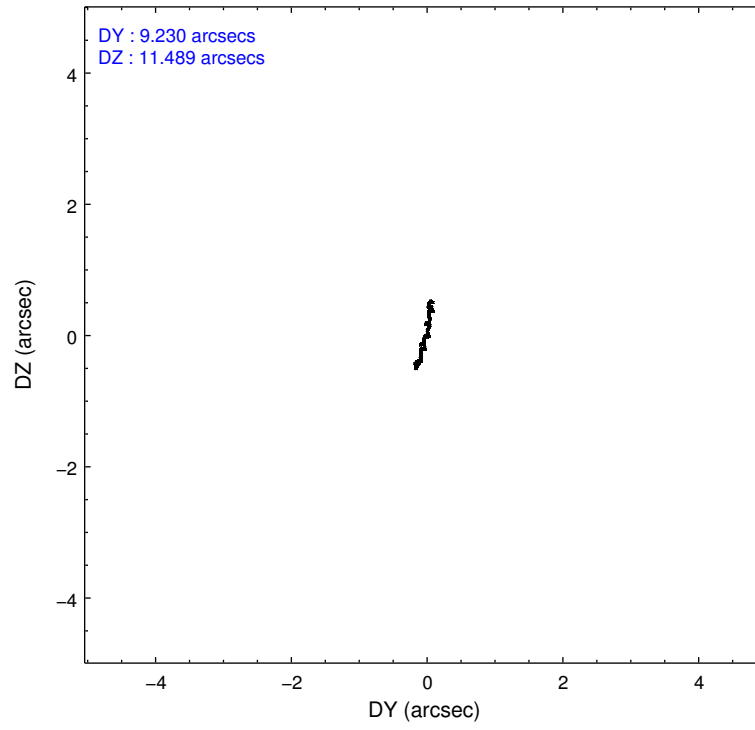
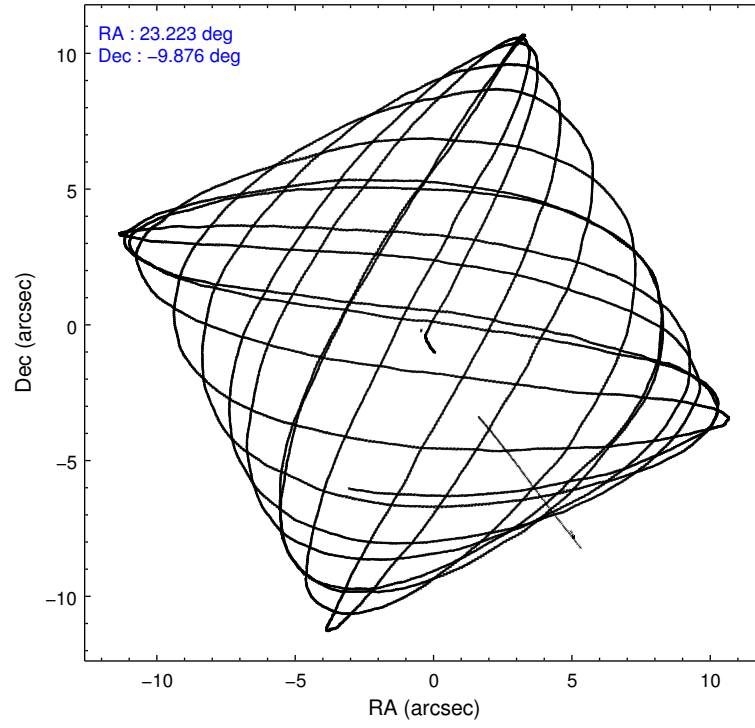
	<b>ccd 7</b>
grade 0 events	1006
	5%
grade 1 events	18
	0%
grade 2 events	1759
	9%
grade 3 events	1133
	6%
grade 4 events	1085
	6%
grade 5 events	1603
	8%
grade 6 events	3744
	20%
grade 7 events	7700
	42%

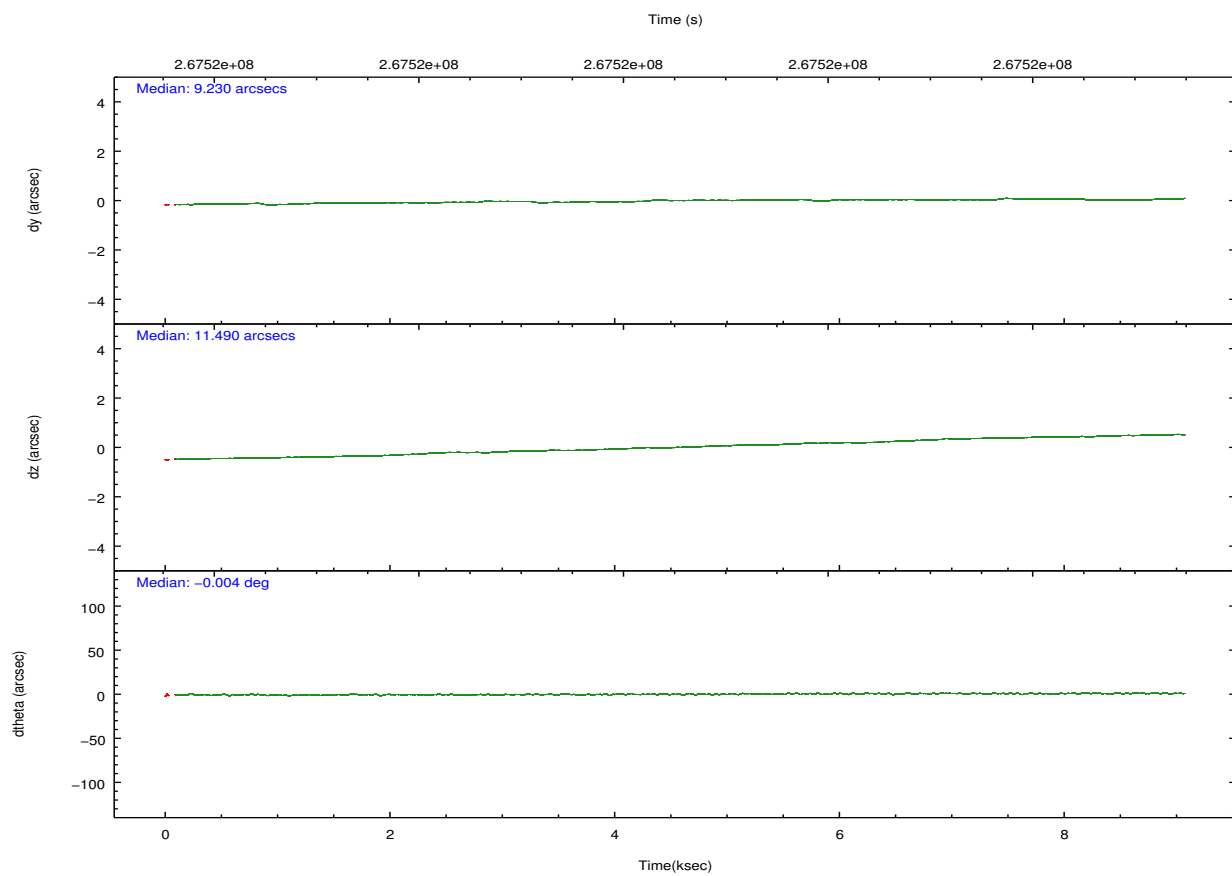
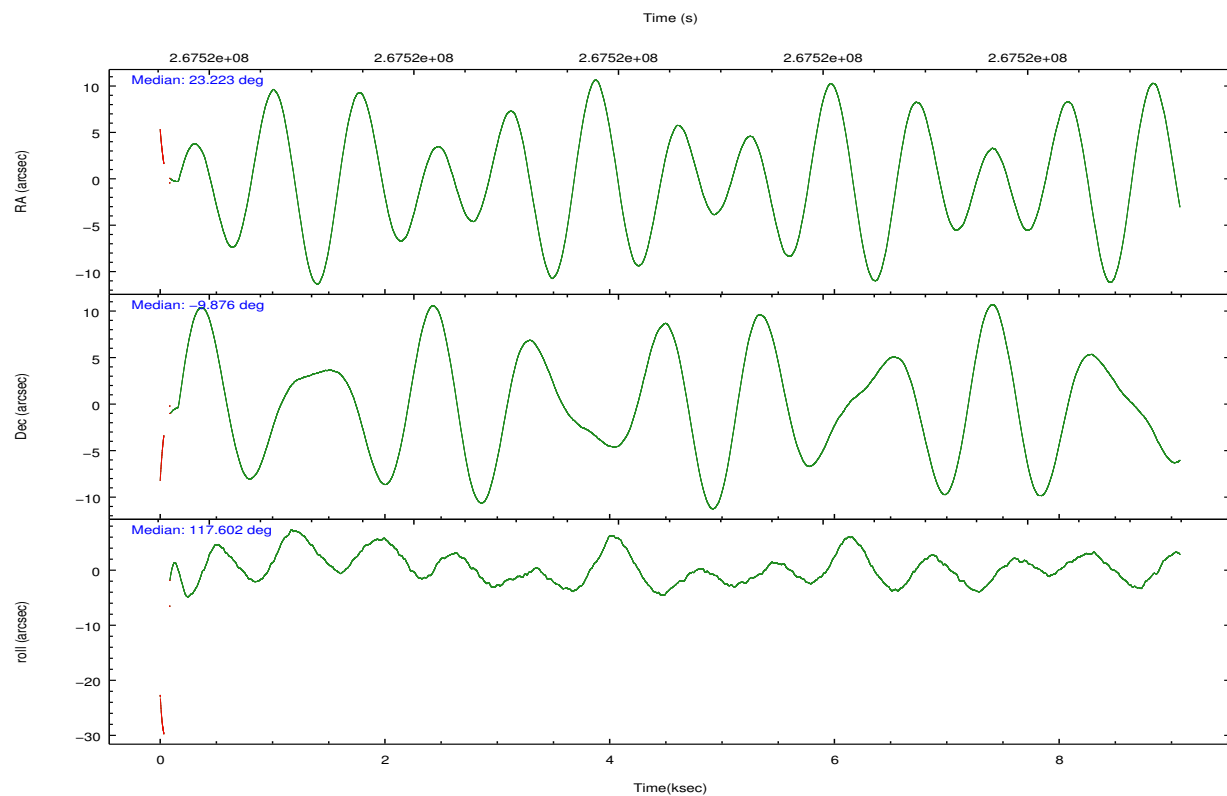


## 2.2 Compared Parameters

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	23.246538	23.22303994149513	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-9.890035	-9.875734661950709	Subarray start row	449	449
[deg] Pointing Roll	117.448501	117.6010674781809	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	267516091.184000	267514616.67918			
Observation start date	2006-06-24T06:00:26	2006-06-24T05:36:56			
[s] Observation end time (MET)	267525043.184000	267525267.96718			
Observation end date	2006-06-24T08:29:38	2006-06-24T08:34:27			
Read mode	TIMED	TIMED			

## 2.3 Aspect



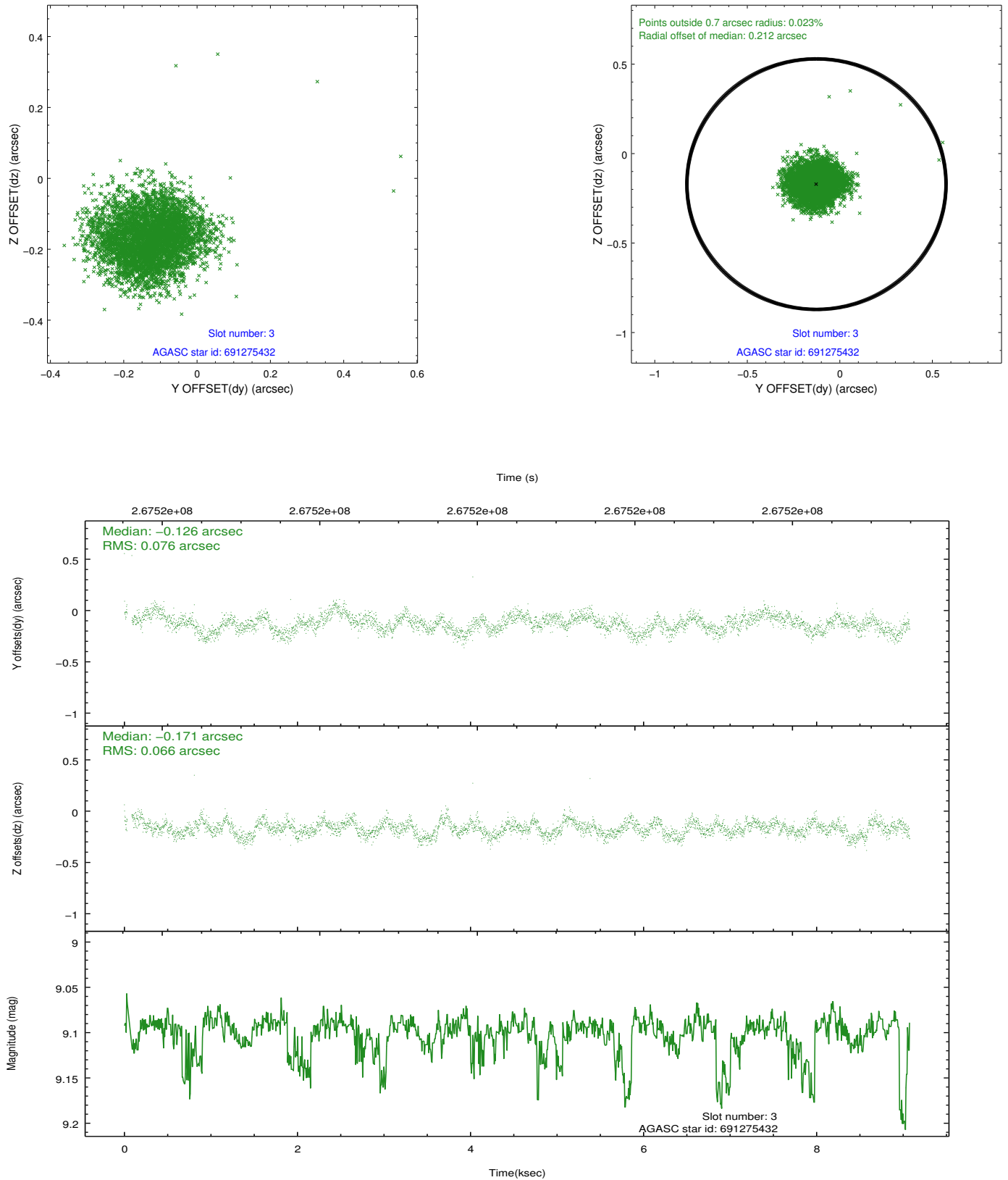


Slot Statistics

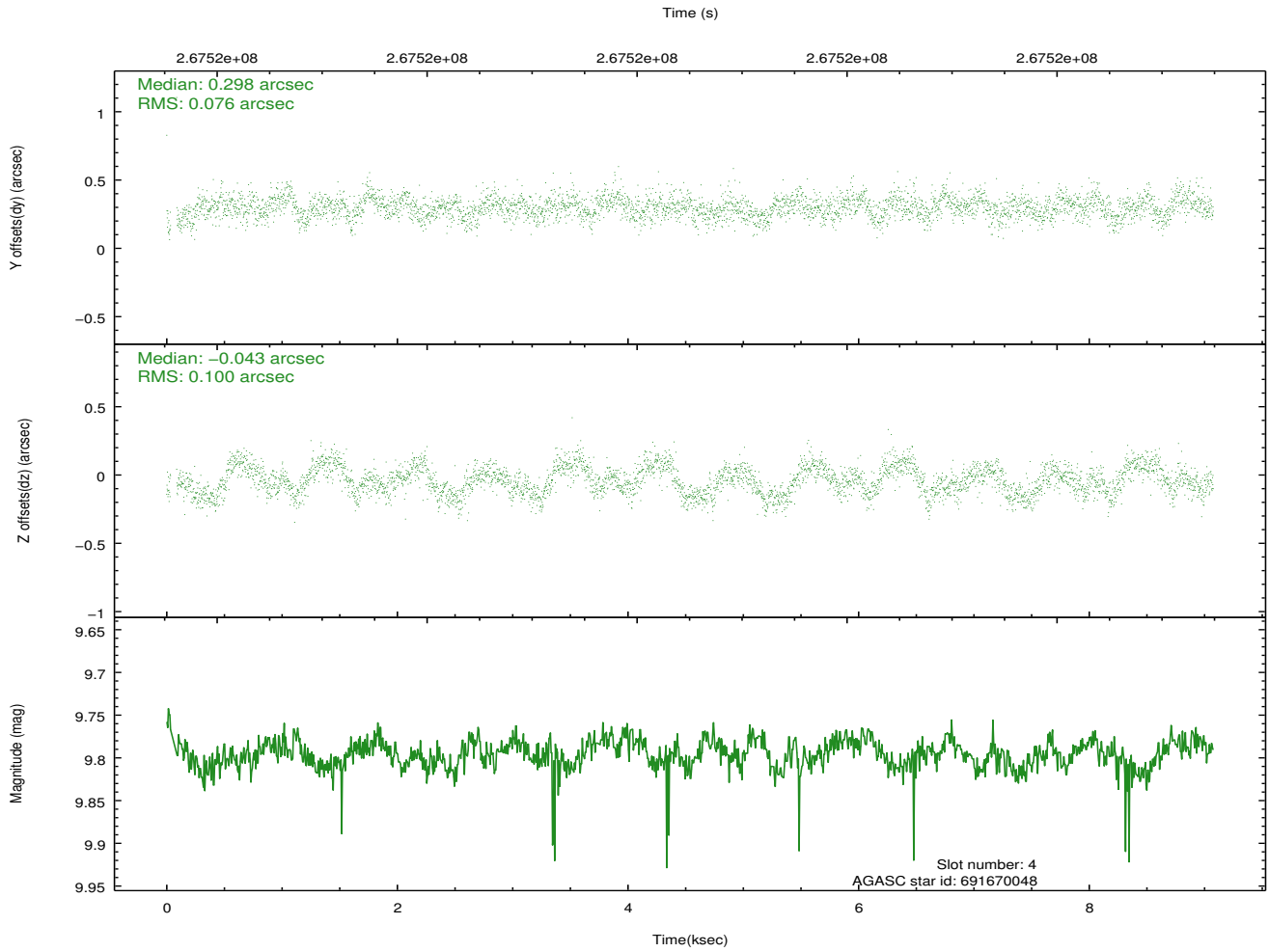
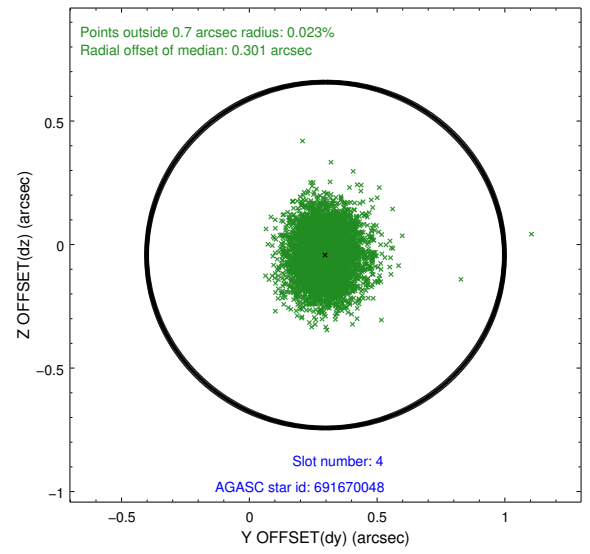
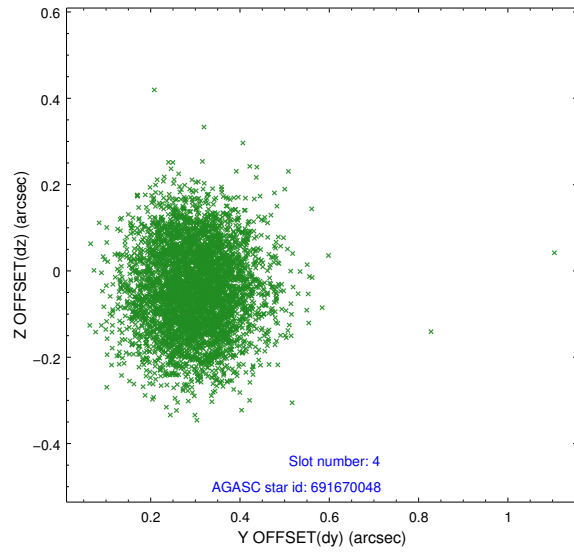
	status	id	mag	n_pts	med_dy	med_dz	drl
	FID	ACIS-S-2	7.11	2202	-0.079	-0.054	0.007
	FID	ACIS-S-4	7.21	2202	0.082	0.036	0.006
	FID	ACIS-S-6	7.35	2202	-0.032	0.025	0.007
	GUIDE	691275432	9.10	4394	-0.126	-0.171	0.106
	GUIDE	691670048	9.80	4395	0.298	-0.043	0.134
	GUIDE	691672512	9.75	4370	-0.116	0.052	0.127
	GUIDE	691672696	9.56	4380	-0.055	0.163	0.118
0.0000.0000.0000.0000000.00000000.000.00							

## 2.4 Star Slots

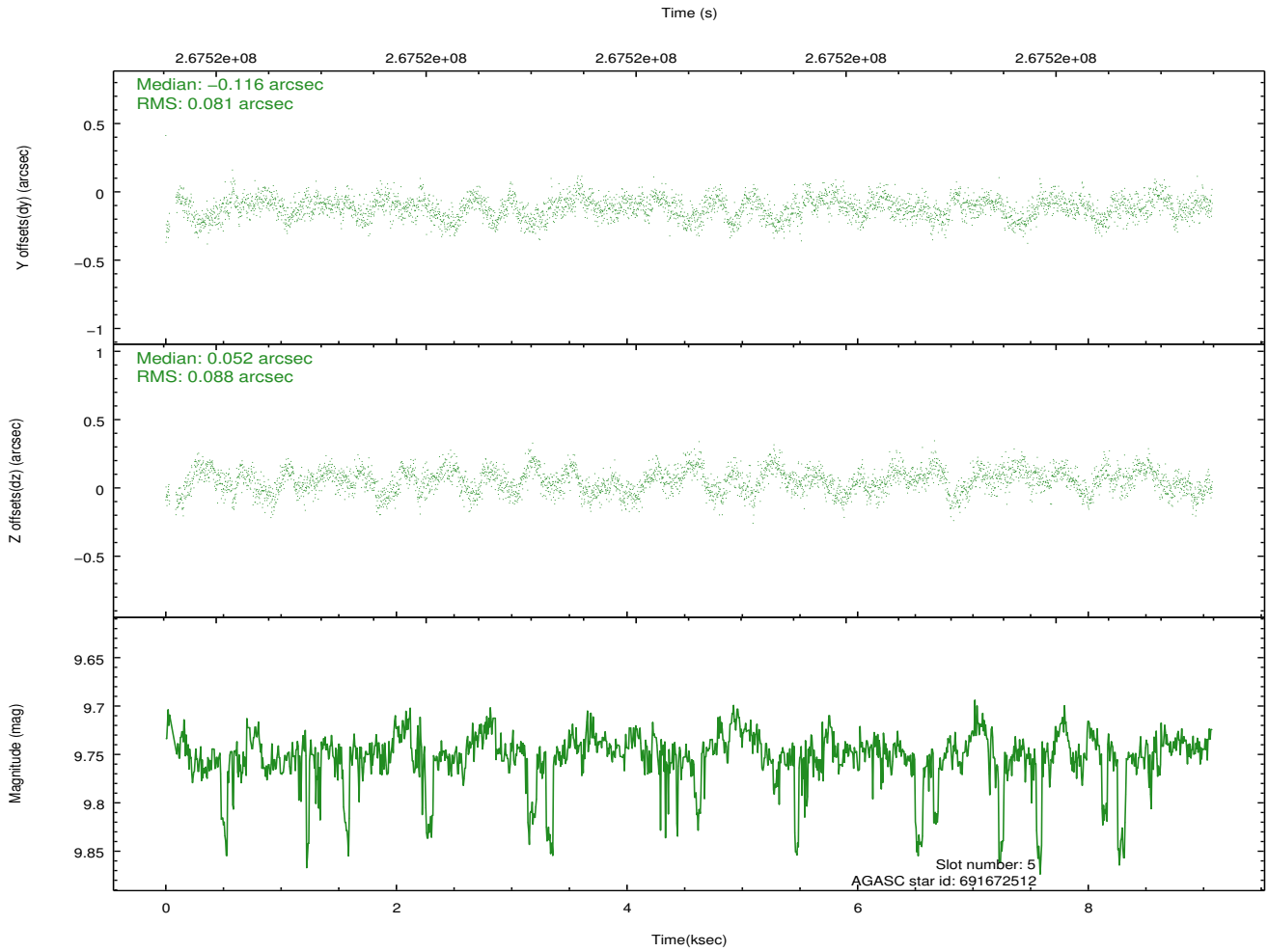
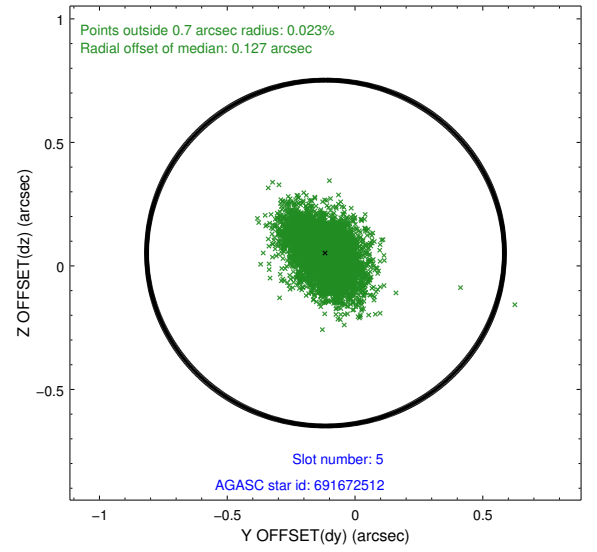
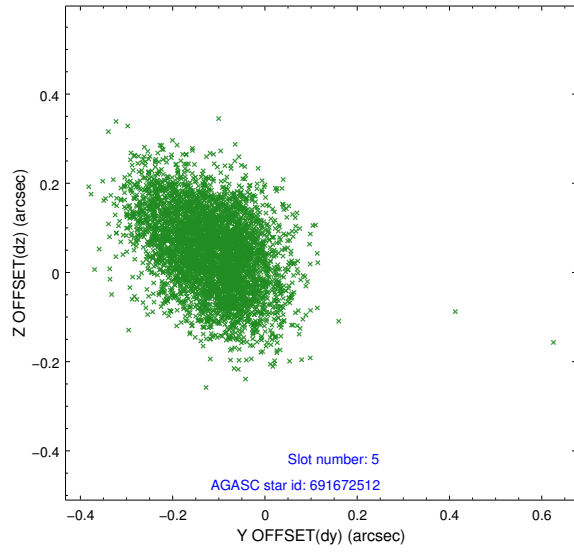
### 2.4.1 Slot 3



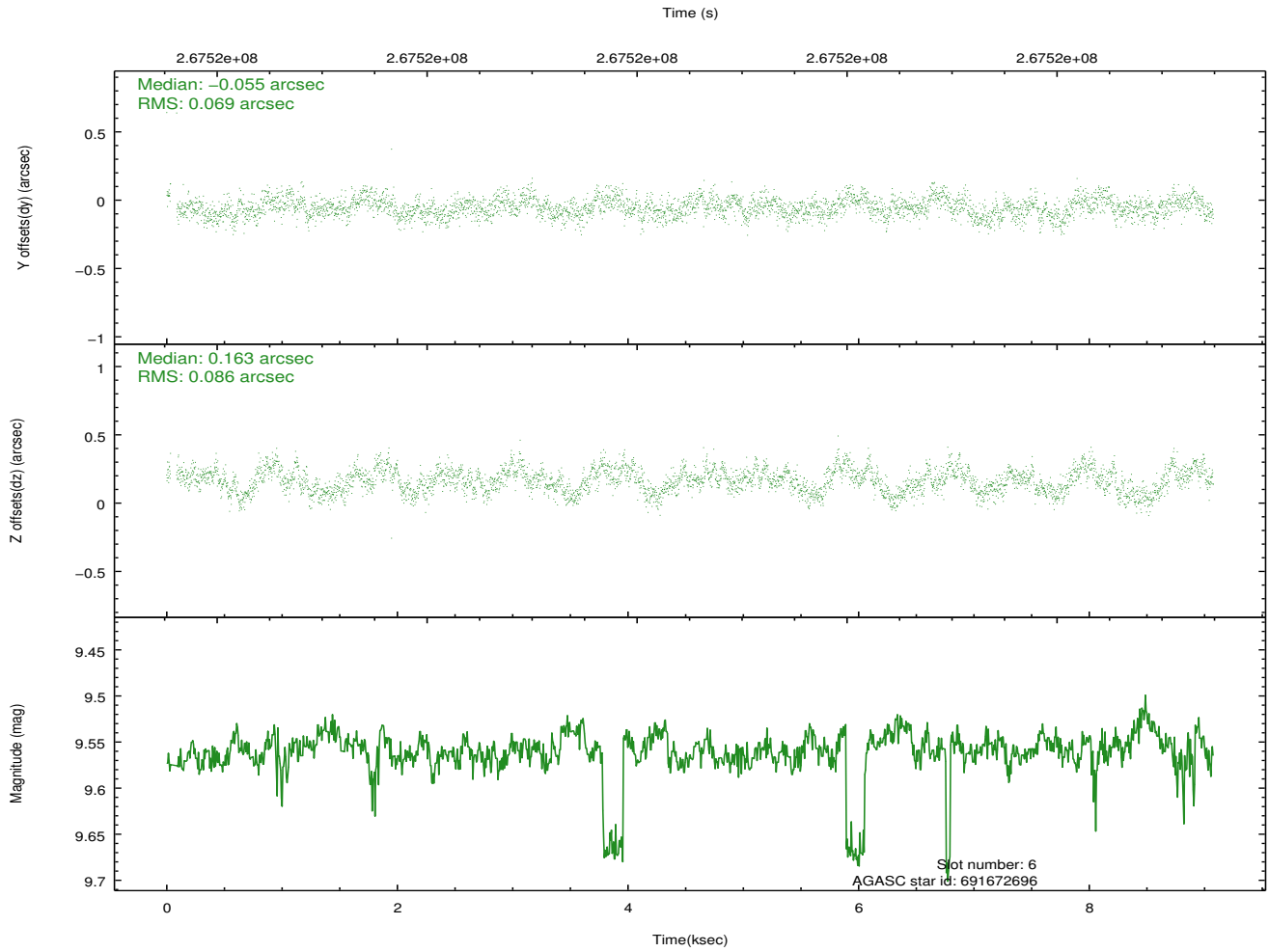
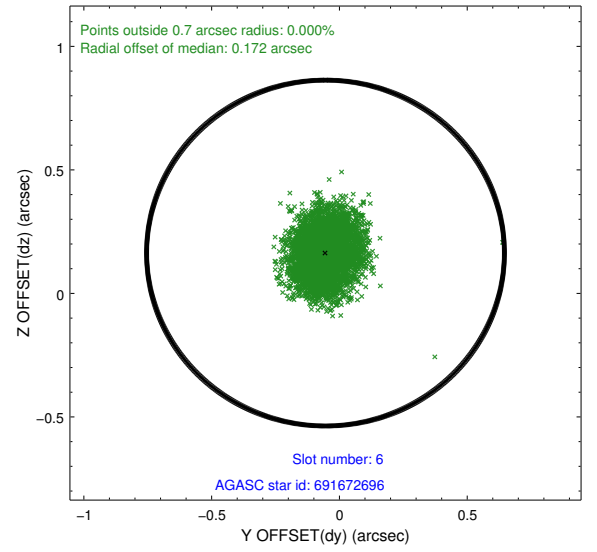
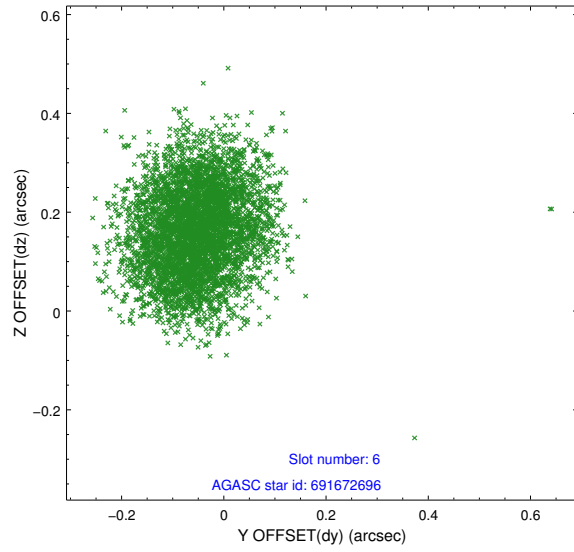
## 2.4.2 Slot 4



### 2.4.3 Slot 5



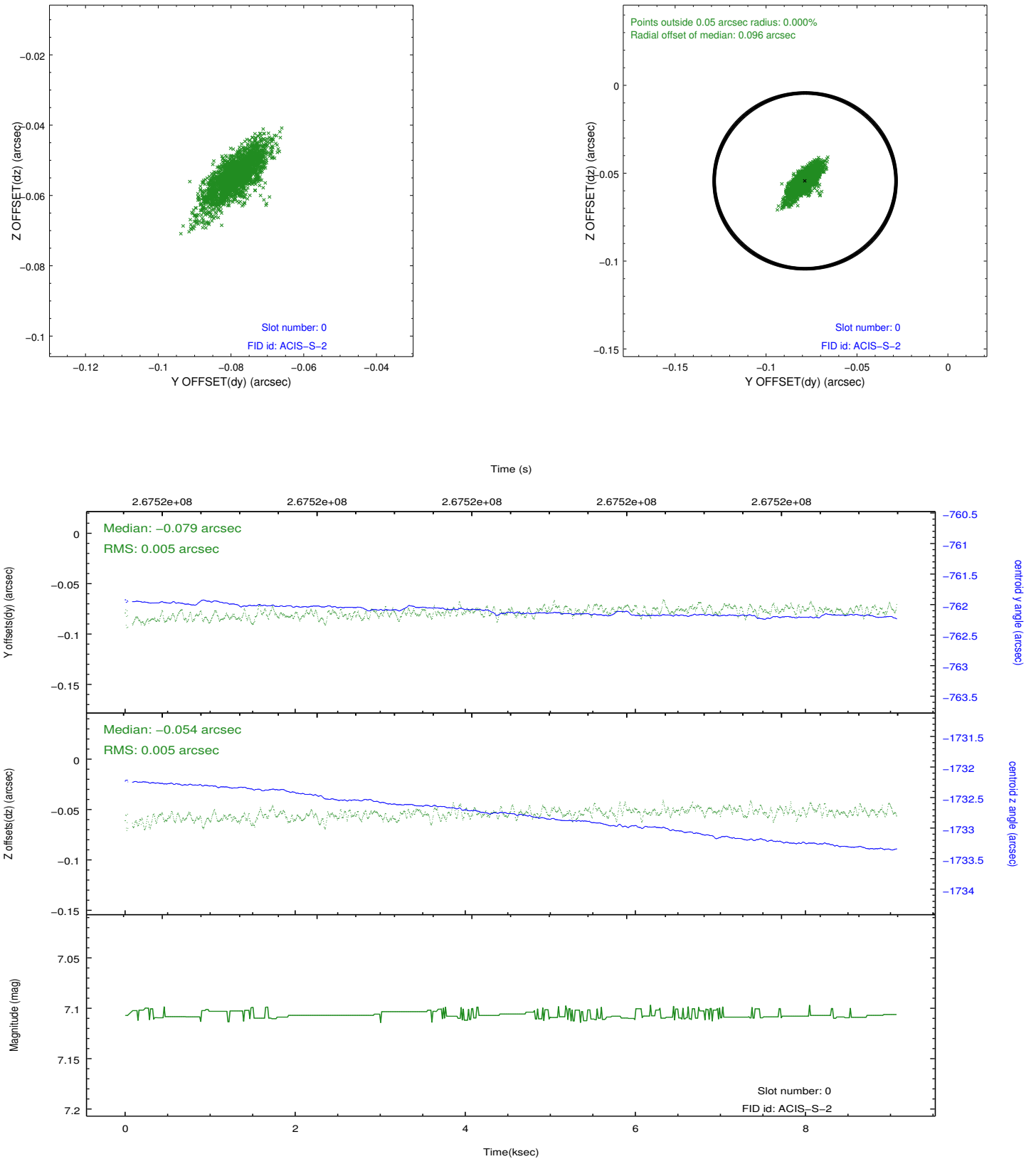
## 2.4.4 Slot 6



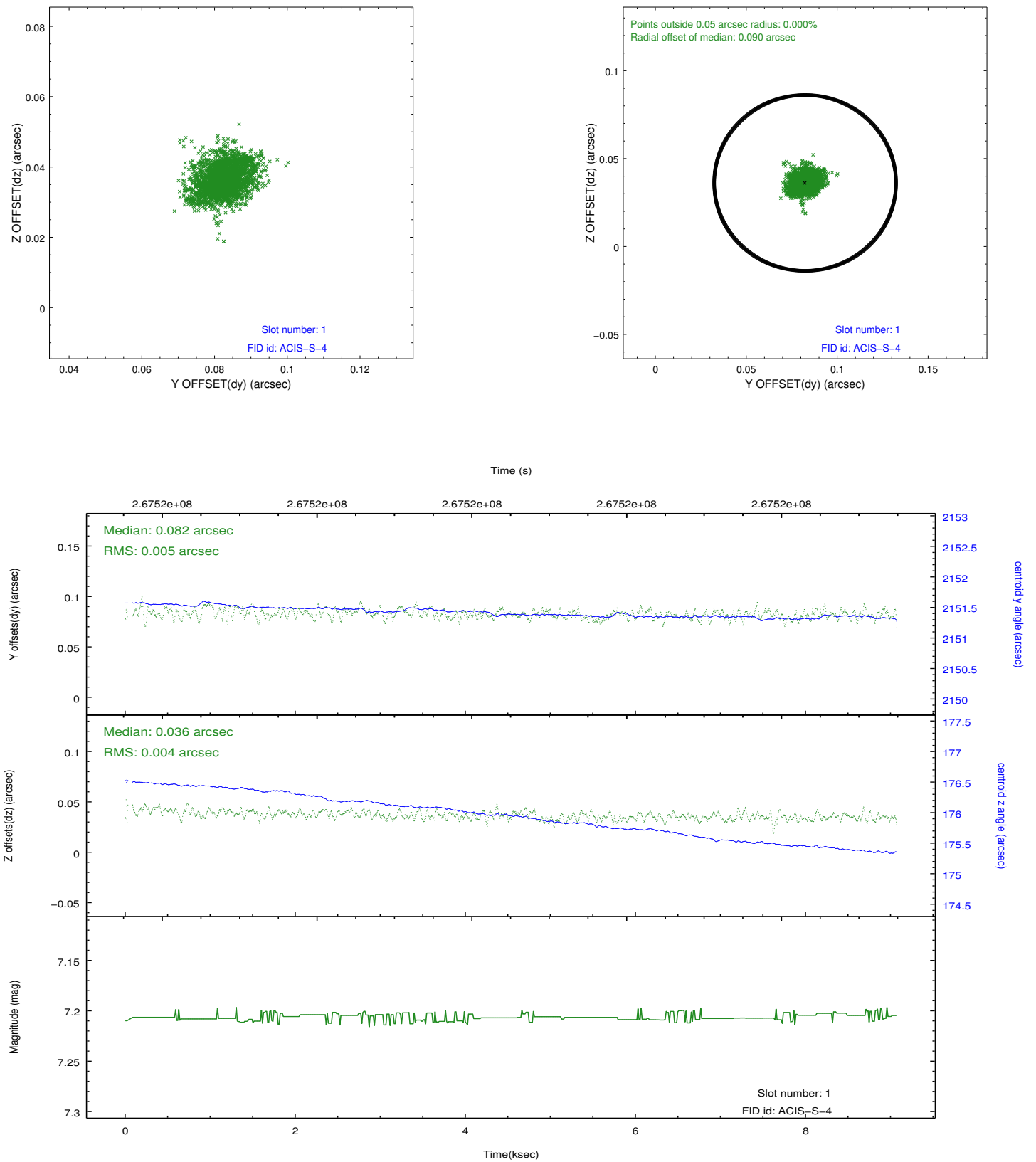


## 2.5 FID Slots

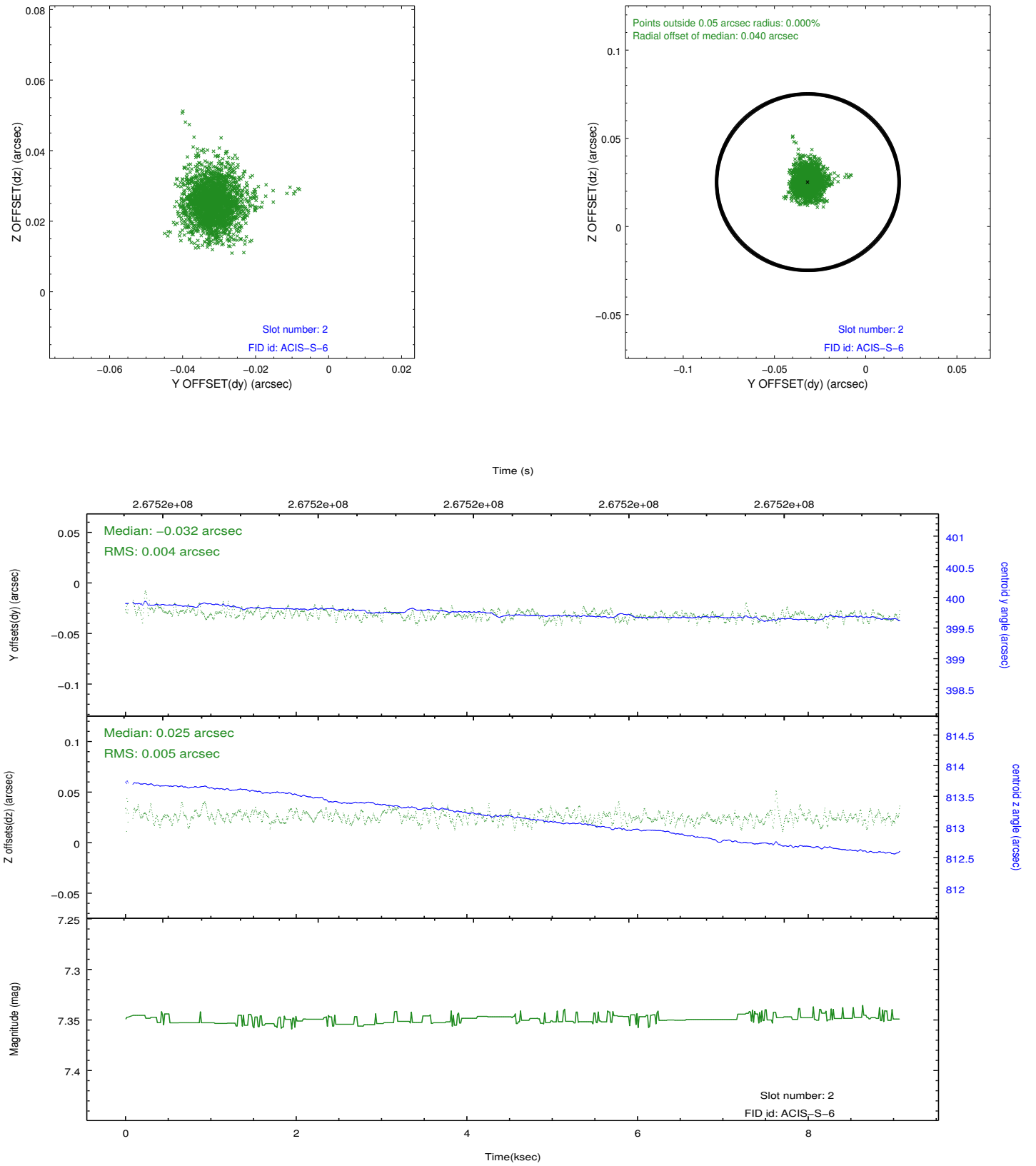
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.98760013

### A.2 Comments