

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 6853 - L2 Version 2  
Chandra X-Ray Center

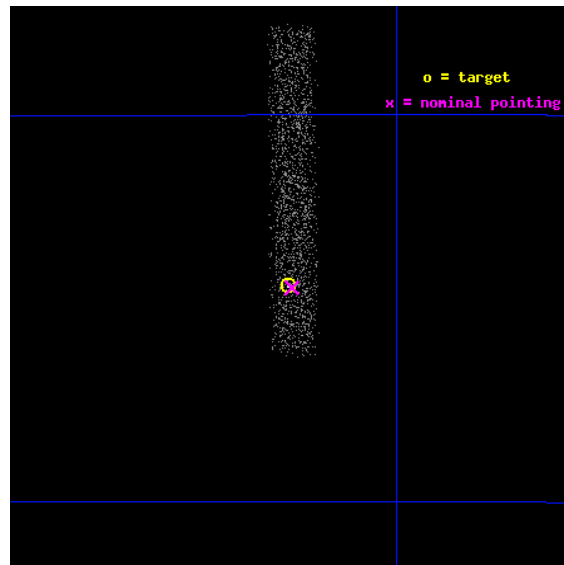
L2 Processing Date : Mar 19 2012

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# 1 Front

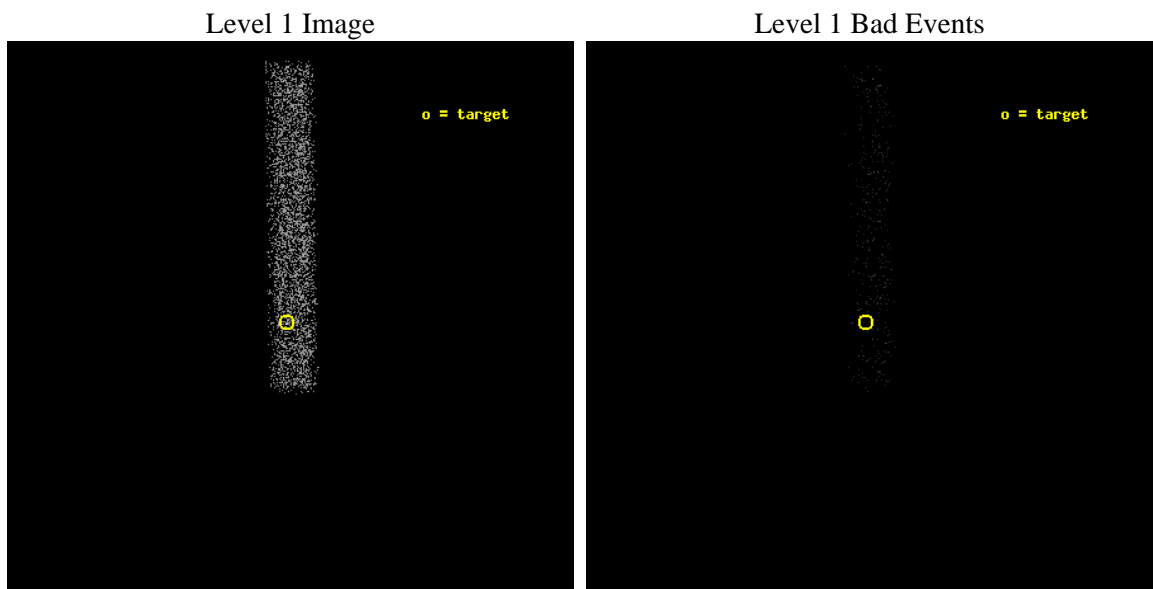
seq_num	701271	Sequence number
obs_id	6853	Observation id
title	A Chandra snapshot survey of naked active galactic nuclei	Proposal
observer	Dr. Mario Gliozzi	Principal investigator
object	Q2130-431	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	323.315	Observer's specified target RA [deg]
dec_targ	-42.906667	Observer's specified target Dec [deg]
ra_nom	323.31257537441	Nominal RA [deg]
dec_nom	-42.907779494821	Nominal Dec [deg]
roll_nom	269.43149775671	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3185.2000474334	Sum of GTIs [s]
livetime	2888.8083143782	Livetime [s]
ontime7	3185.2000474334	Sum of GTIs [s]
l2events	2051	Number of level 2 events



## 2 OBI

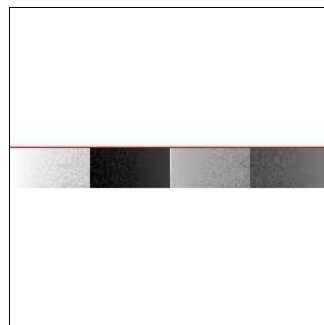
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3185.2000474334	Sum of GTIs [s]
caldsver	4.4.8	&#160	ontime7	3185.2000474334	Sum of GTIs [s]
date	2012-03-20T01:58:48	Date and time of file creation	l1events	5406	Number of level 1 events
revision	2	Processing version of data			

### 2.1.4 Events

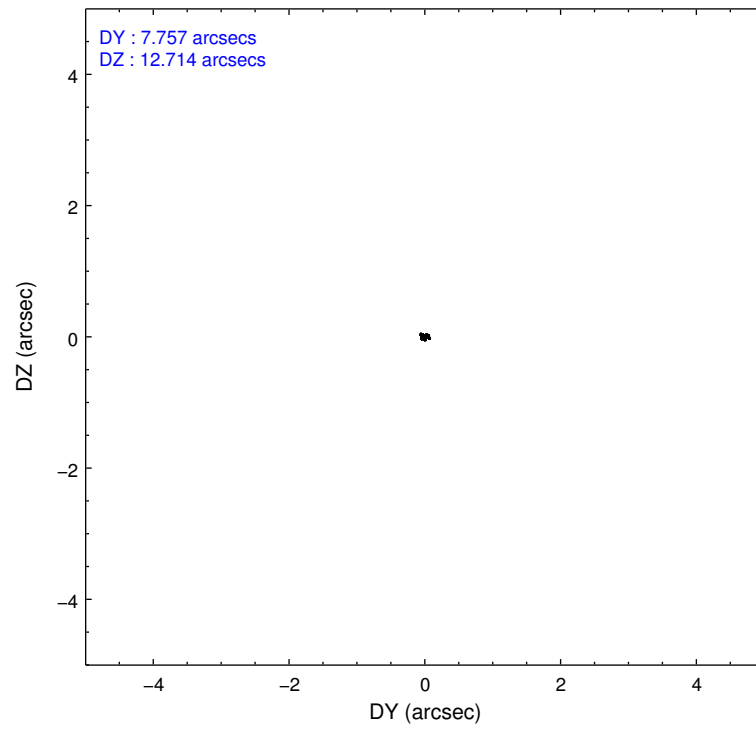
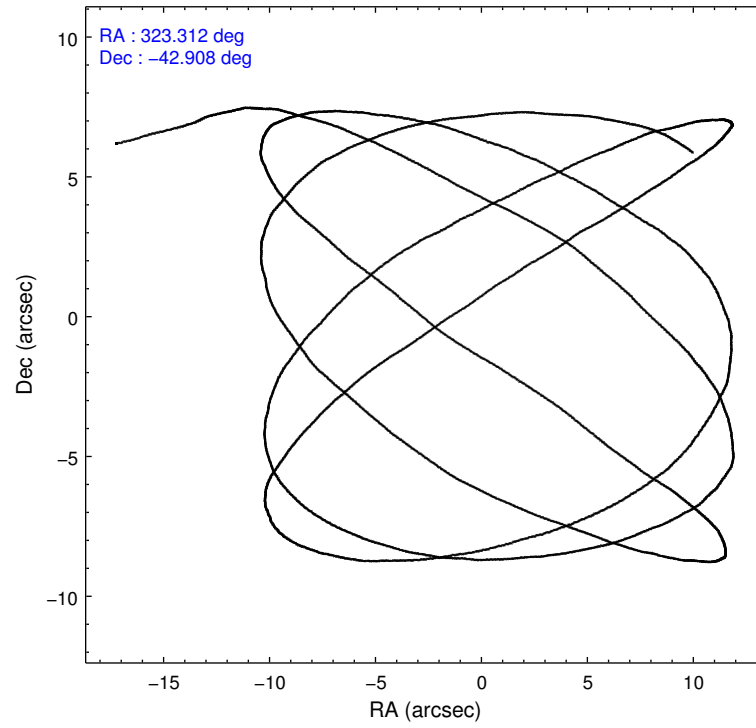
	<b>ccd 7</b>
level 1 events	5406
rejected events	3277
rejected %	60%

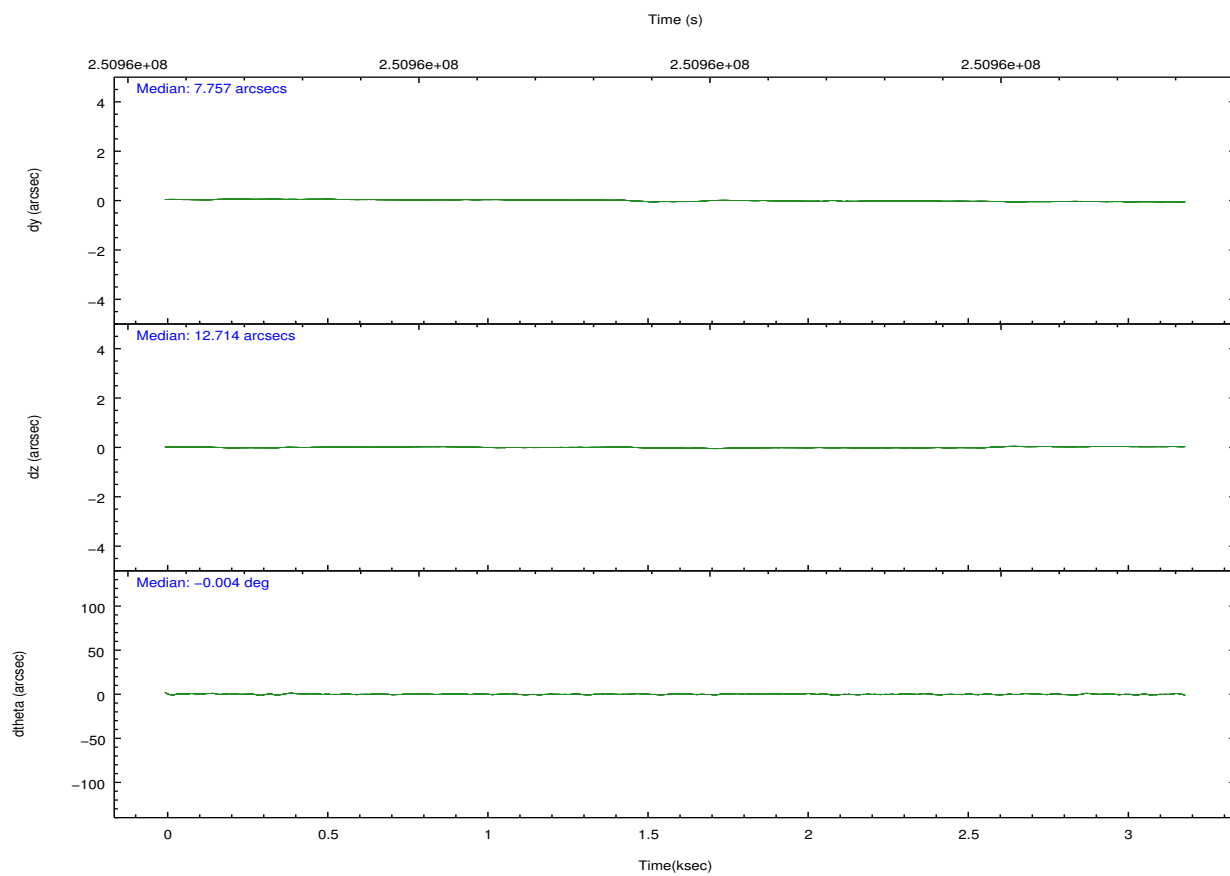
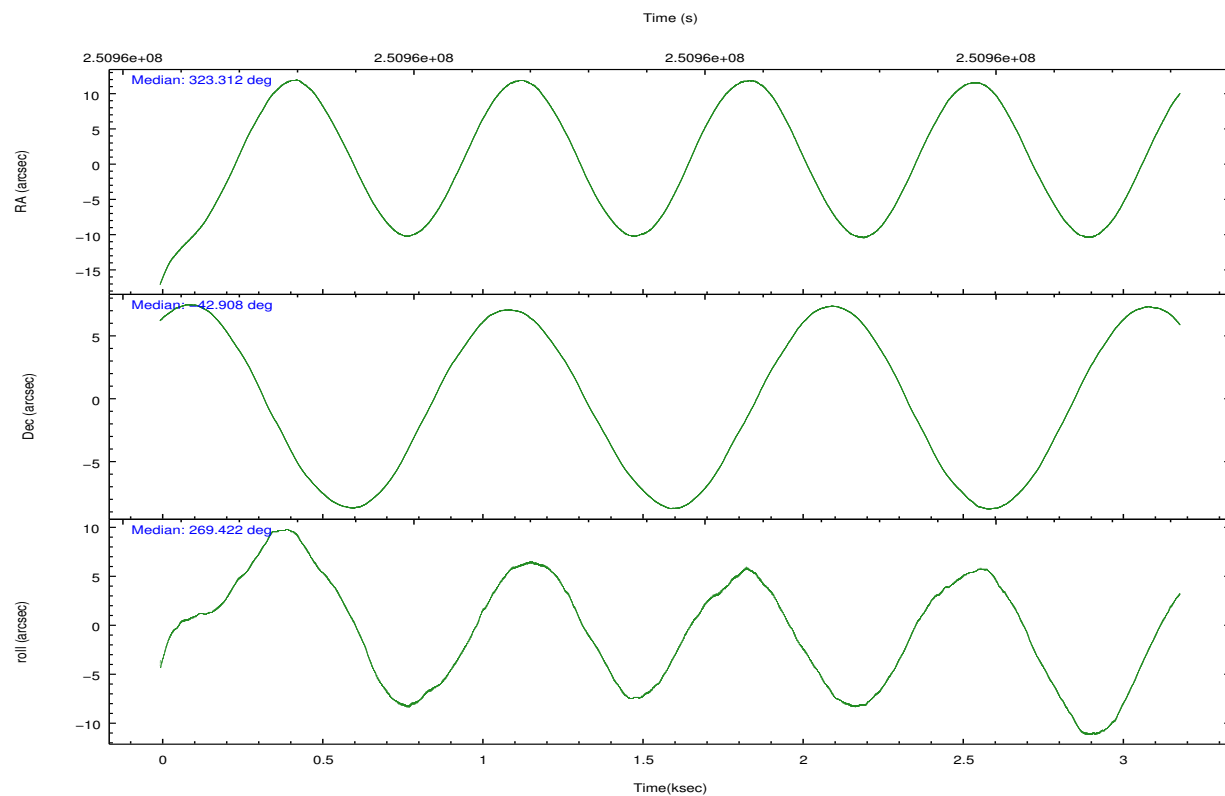
	<b>ccd 7</b>
grade 0 events	272
	5%
grade 1 events	5
	0%
grade 2 events	501
	9%
grade 3 events	350
	6%
grade 4 events	302
	5%
grade 5 events	509
	9%
grade 6 events	1074
	19%
grade 7 events	2393
	44%

## 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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	323.293996	323.3125753744148	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-42.884356	-42.90777949482137	Subarray start row	449	449
[deg] Pointing Roll	269.262240	269.4314977567101	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)	250956466.184000	250955564.09627			
Observation start date	2005-12-14T14:06:42	2005-12-14T13:52:44			
[s] Observation end time (MET)	250959466.184000	250960231.43399			
Observation end date	2005-12-14T14:56:42	2005-12-14T15:10:31			
Read mode	TIMED	TIMED			

## 2.3 Aspect





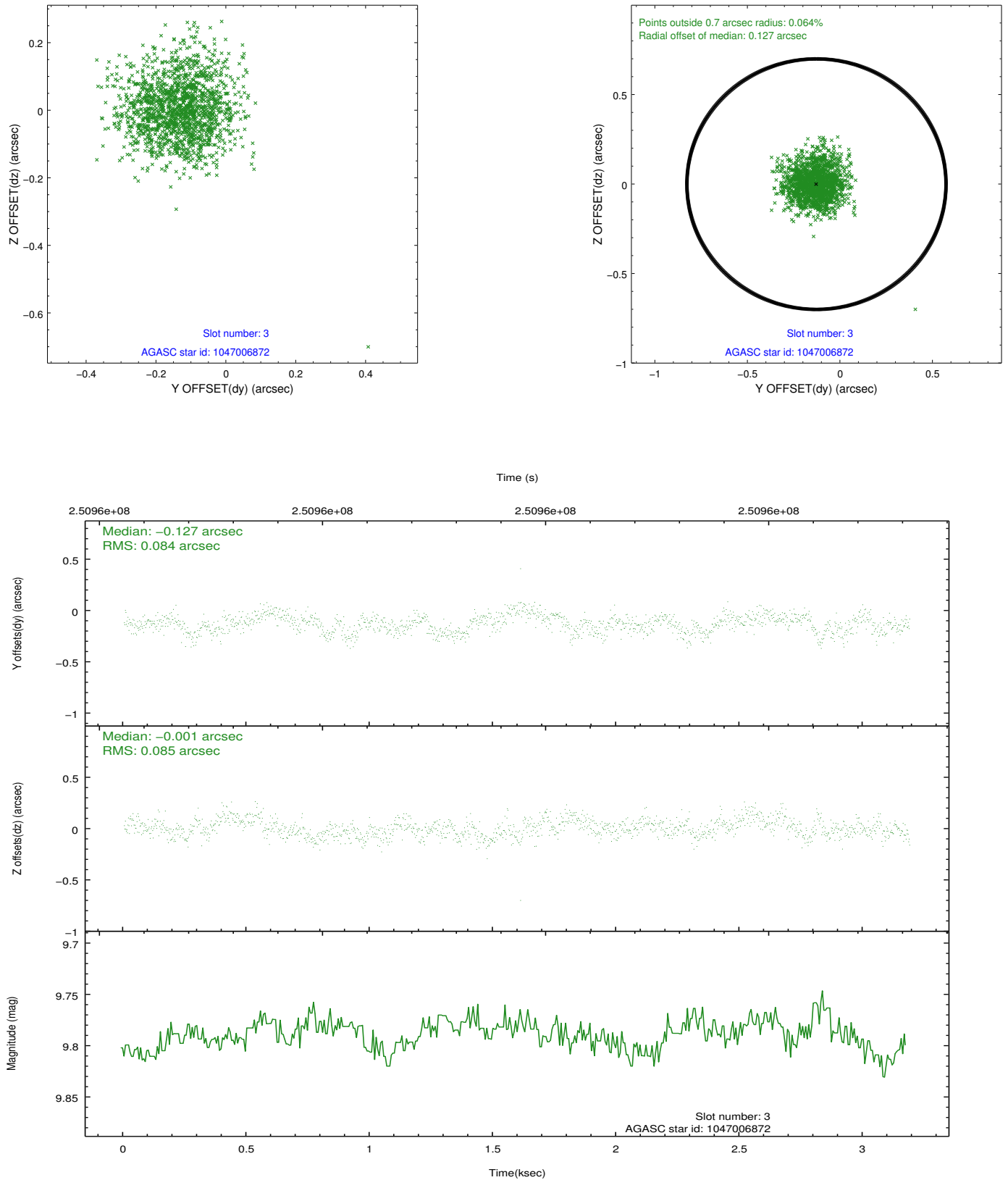
### Slot Statistics

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	777	-0.003	-0.031	0.006	0.010	0.000000	0.000000	-760.55	-1734.01
1	FID	ACIS-S-4	7.20	776	0.068	0.010	0.006	0.012	0.000000	0.000000	2151.91	172.42
2	FID	ACIS-S-5	7.23	778	-0.097	0.031	0.007	0.013	0.000000	0.000000	-1810.90	168.42
3	GUIDE	1047006872	9.79	1553	-0.127	-0.001	0.127	0.203	322.614258	-42.328332	-1969.88	-1835.02
4	GUIDE	1047007248	9.49	1554	-0.059	0.063	0.100	0.164	324.085136	-42.463397	-1533.41	2080.80
5	GUIDE	1047399336	6.87	1555	0.222	-0.020	0.078	0.122	322.464483	-43.507431	2282.16	-2134.20
6	GUIDE	1047008864	9.79	1555	0.044	-0.034	0.133	0.214	324.195178	-42.763822	-449.74	2375.37
7	GUIDE	1047010000	9.96	1551	-0.085	-0.024	0.107	0.175	322.623573	-42.284542	-2128.39	-1811.45

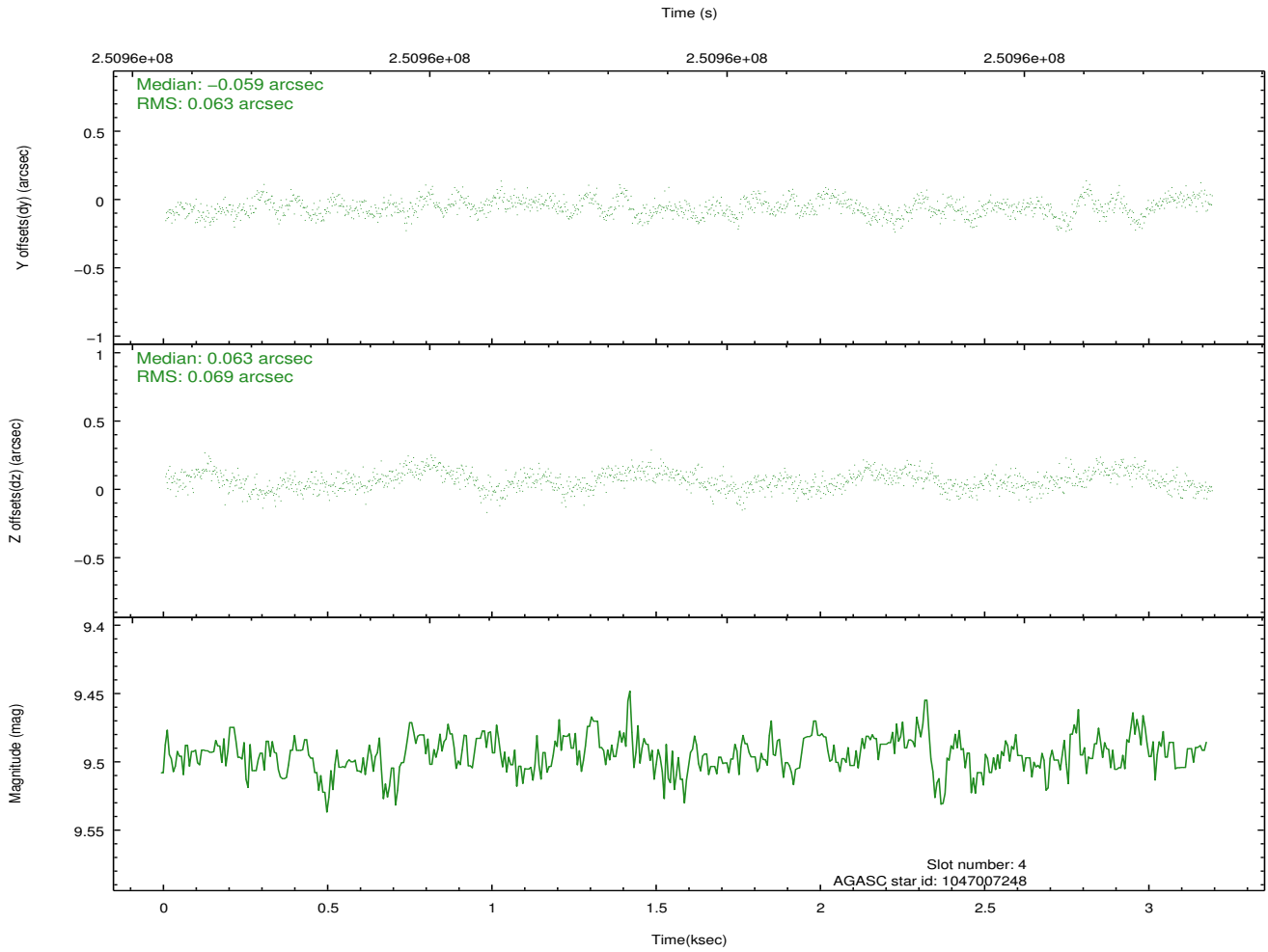
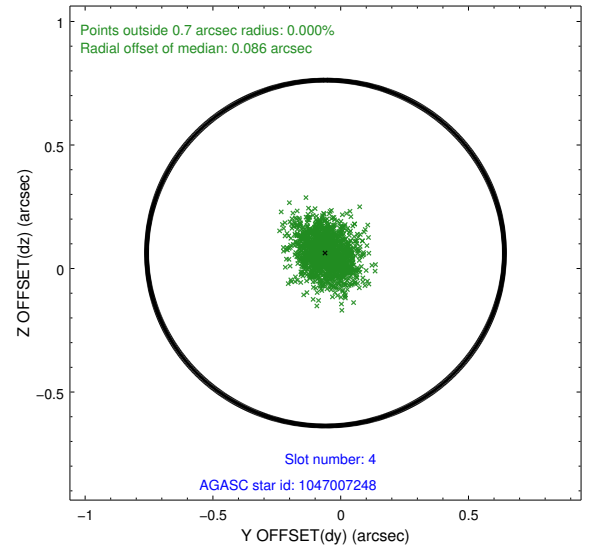
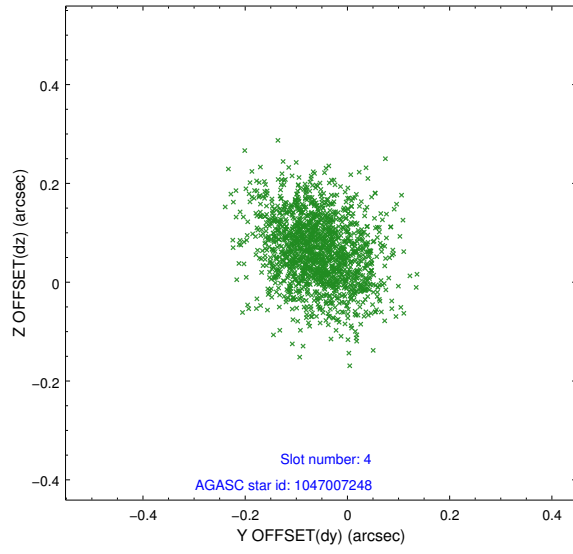


## 2.4 Star Slots

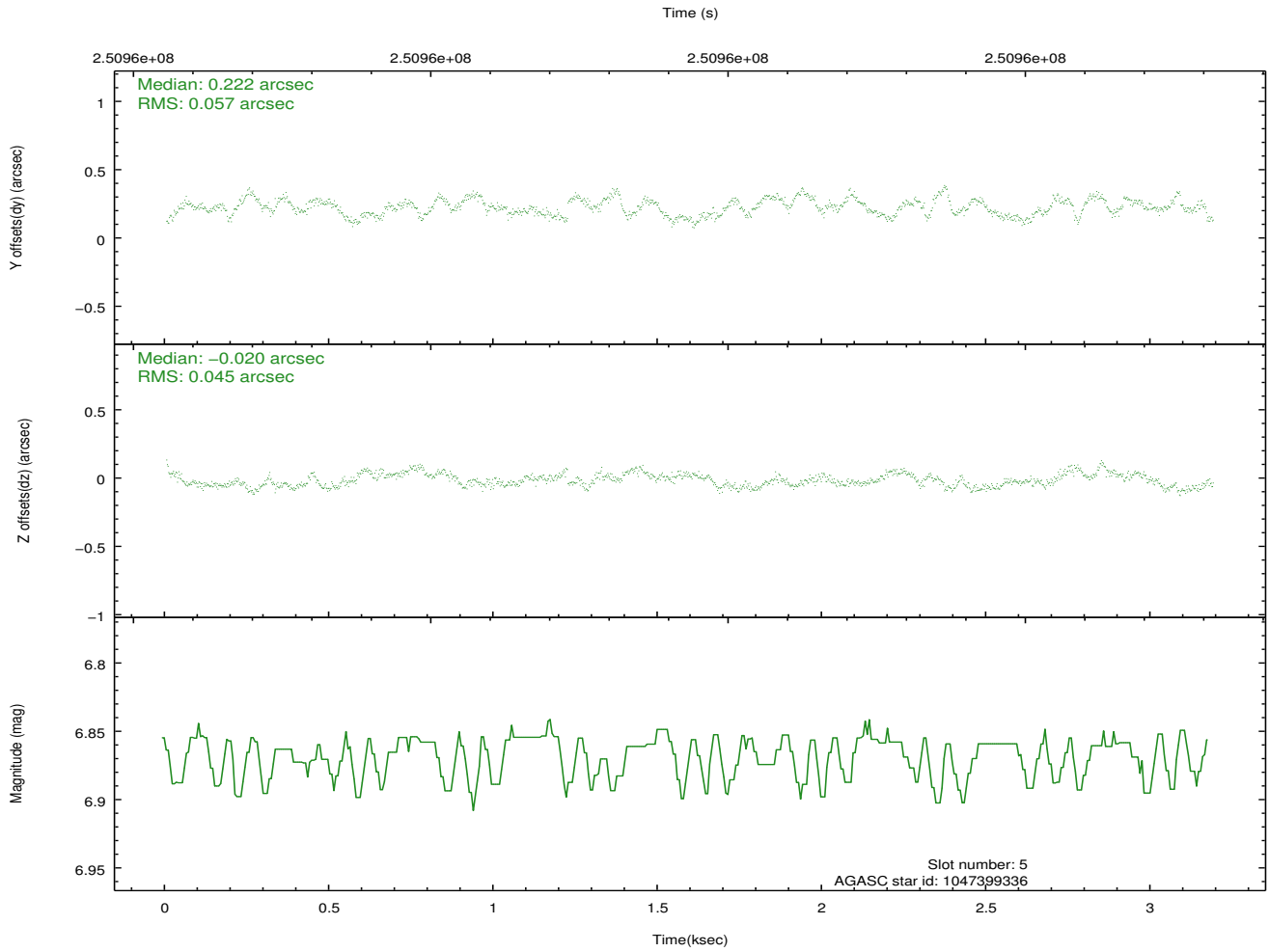
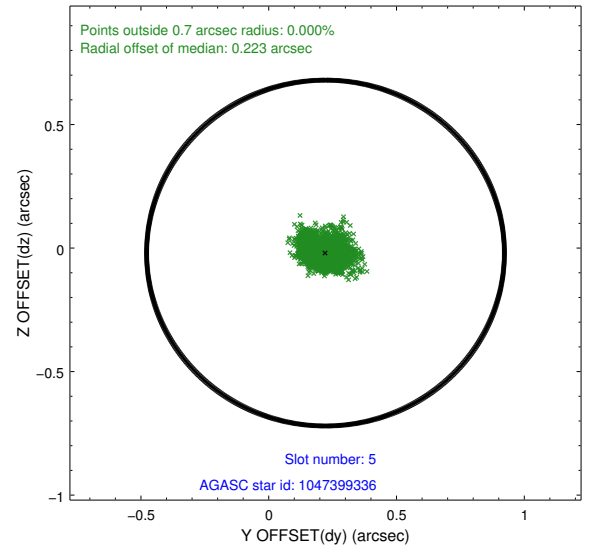
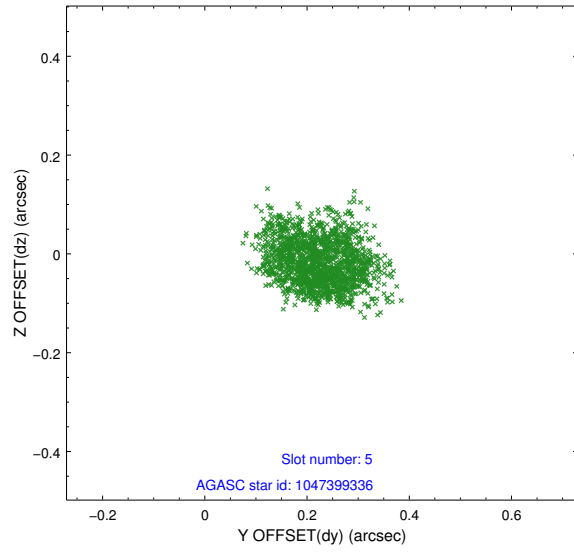
### 2.4.1 Slot 3



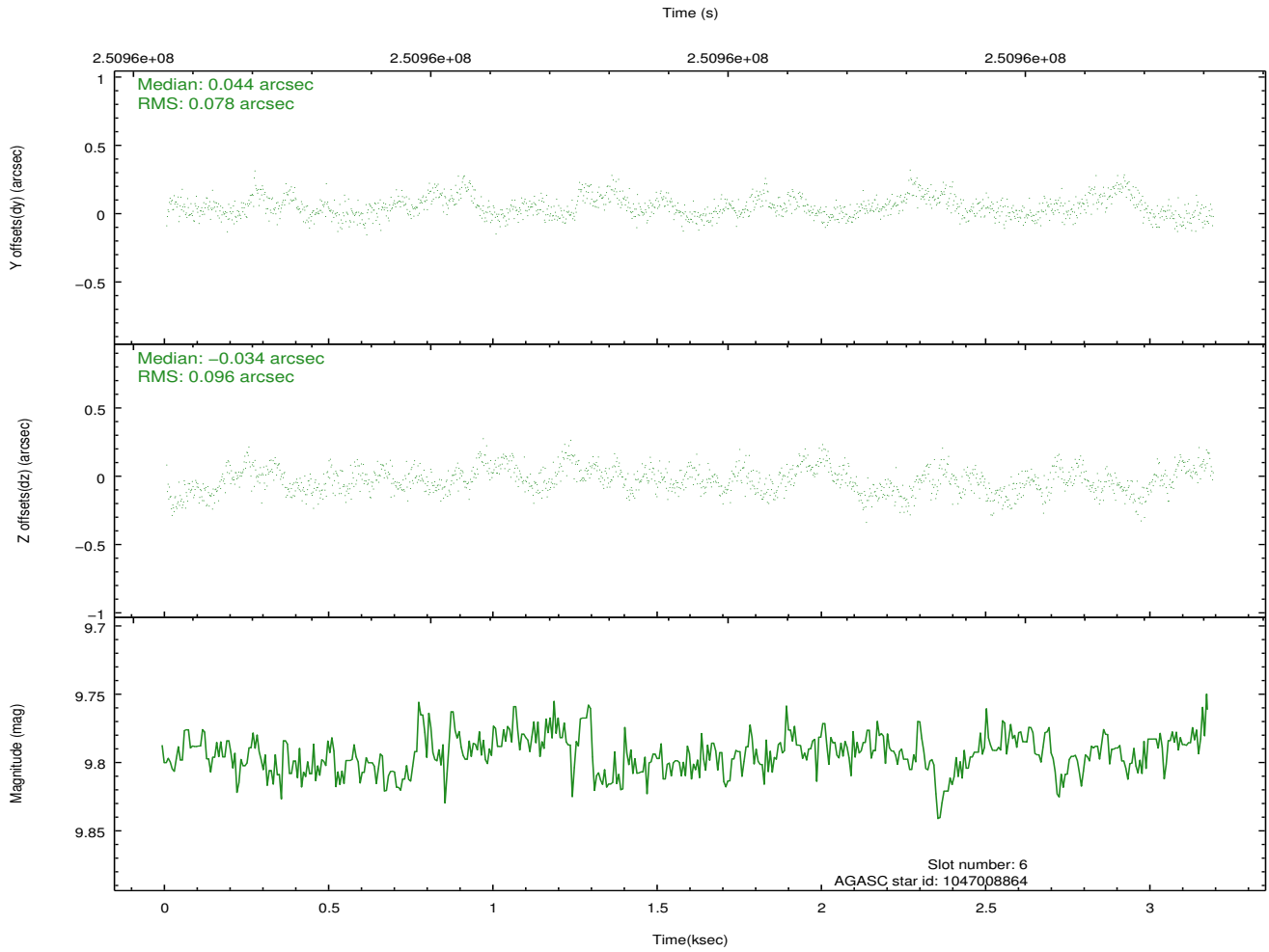
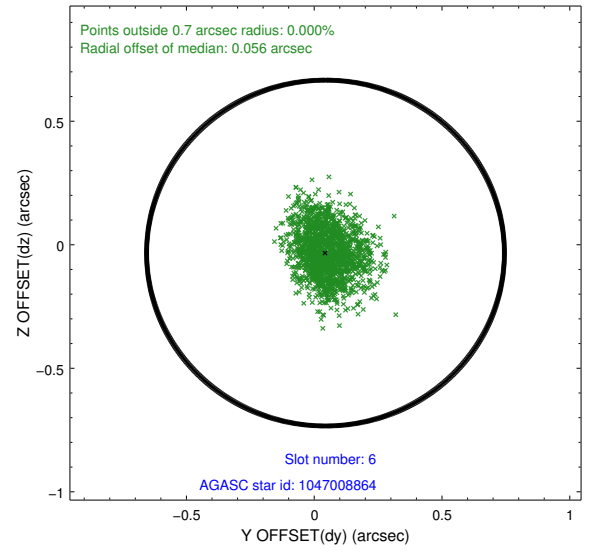
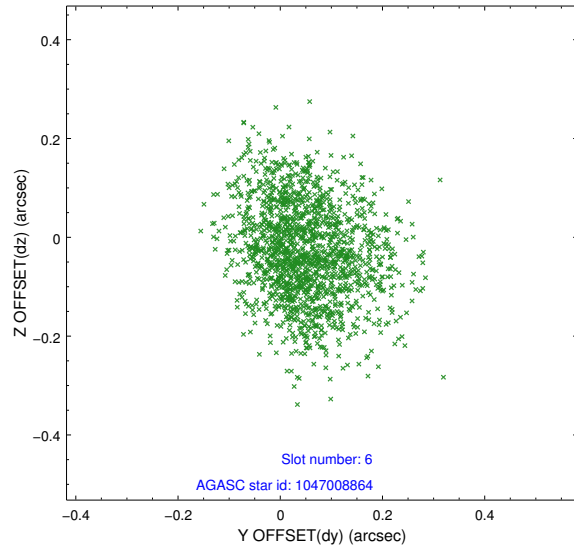
## 2.4.2 Slot 4



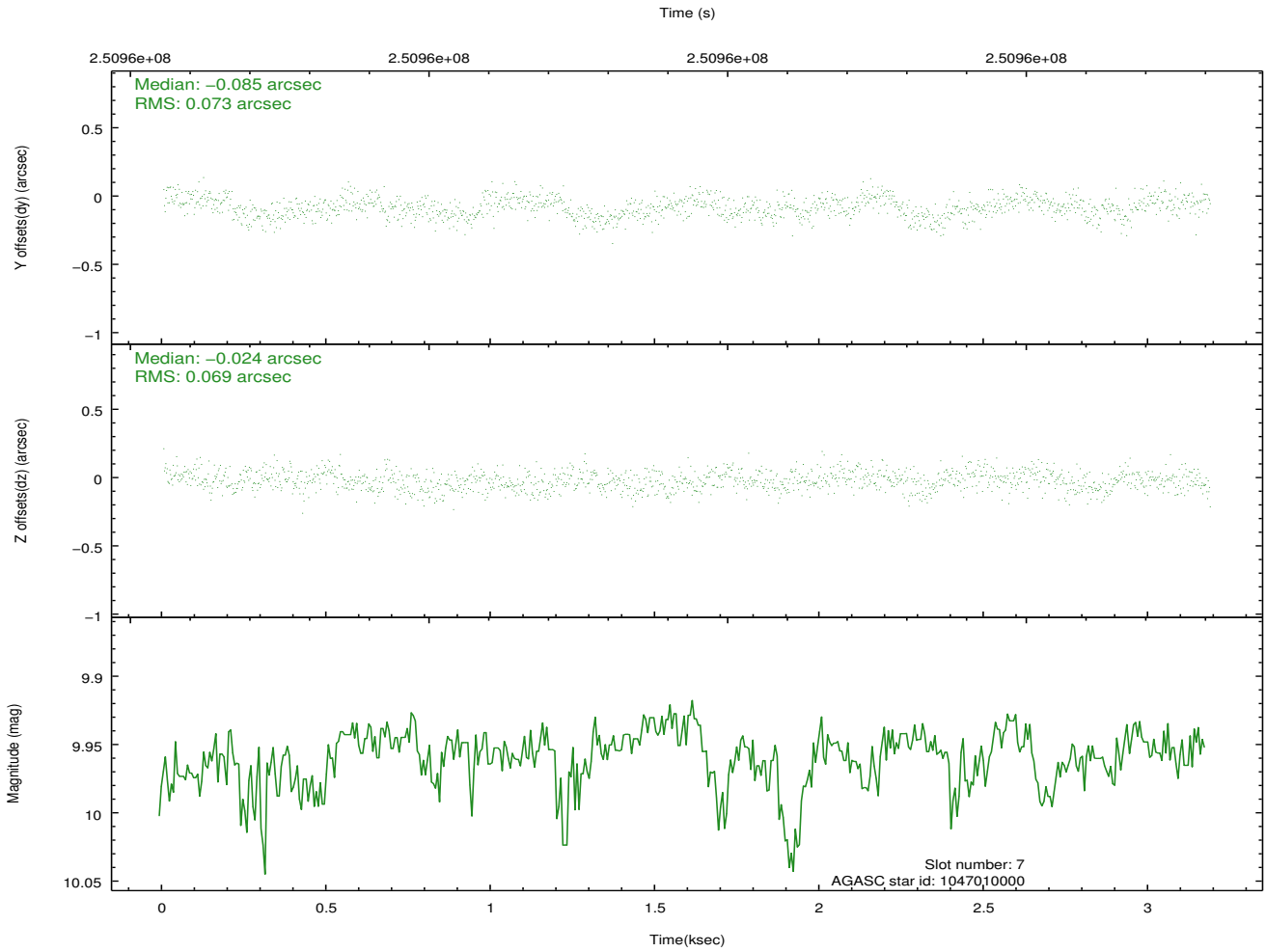
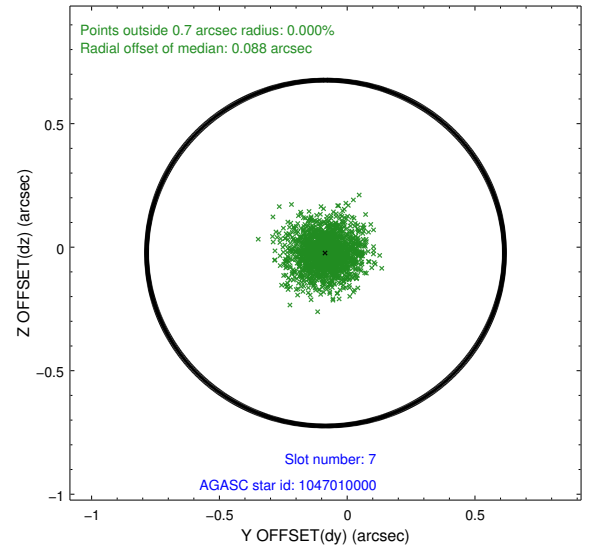
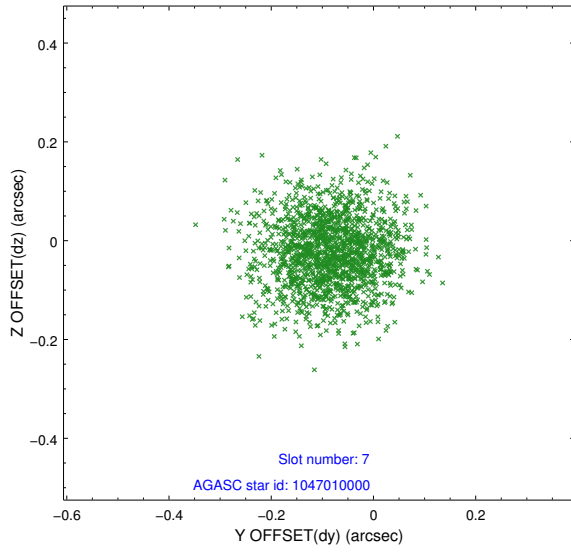
### 2.4.3 Slot 5



## 2.4.4 Slot 6

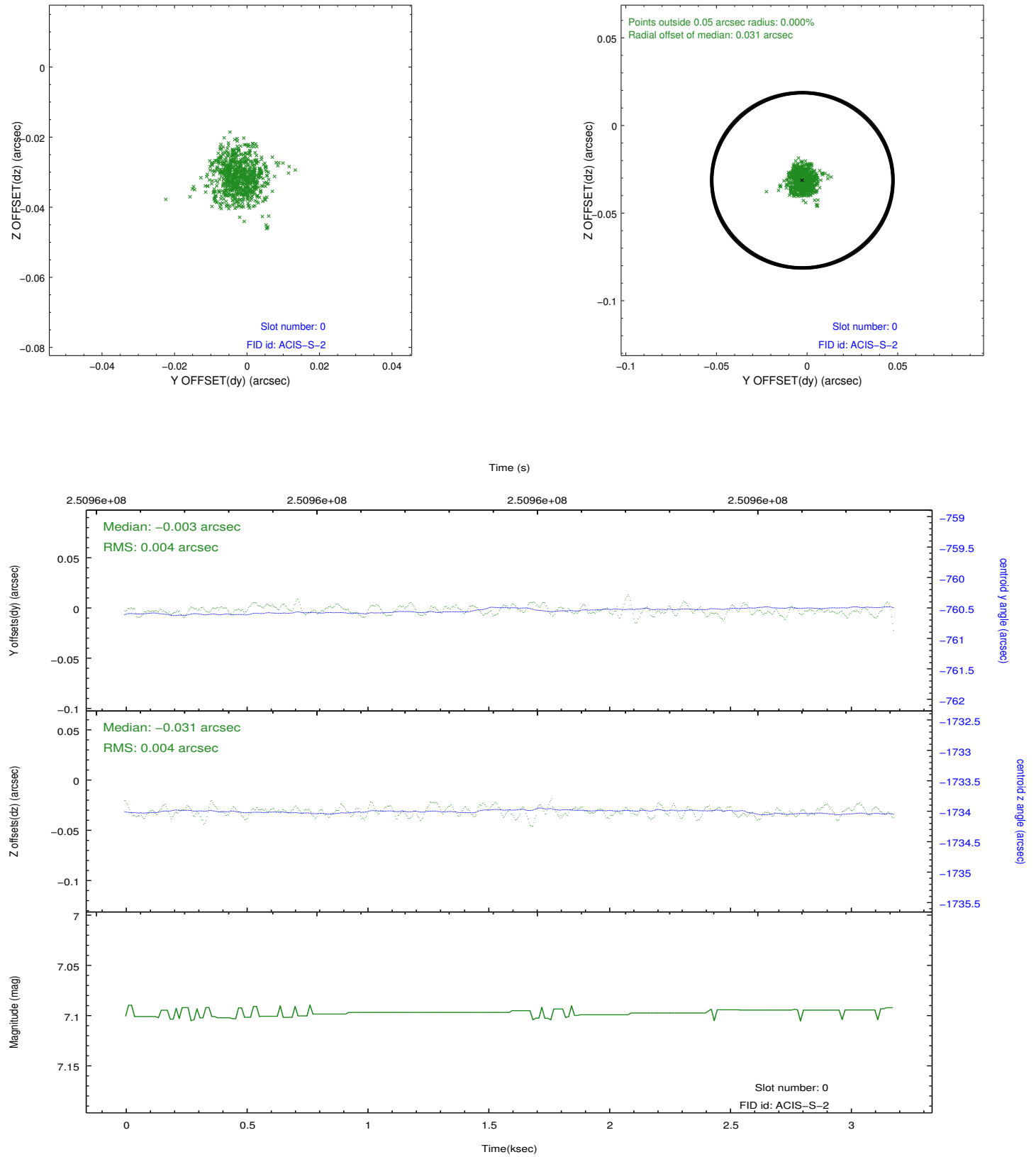


## 2.4.5 Slot 7

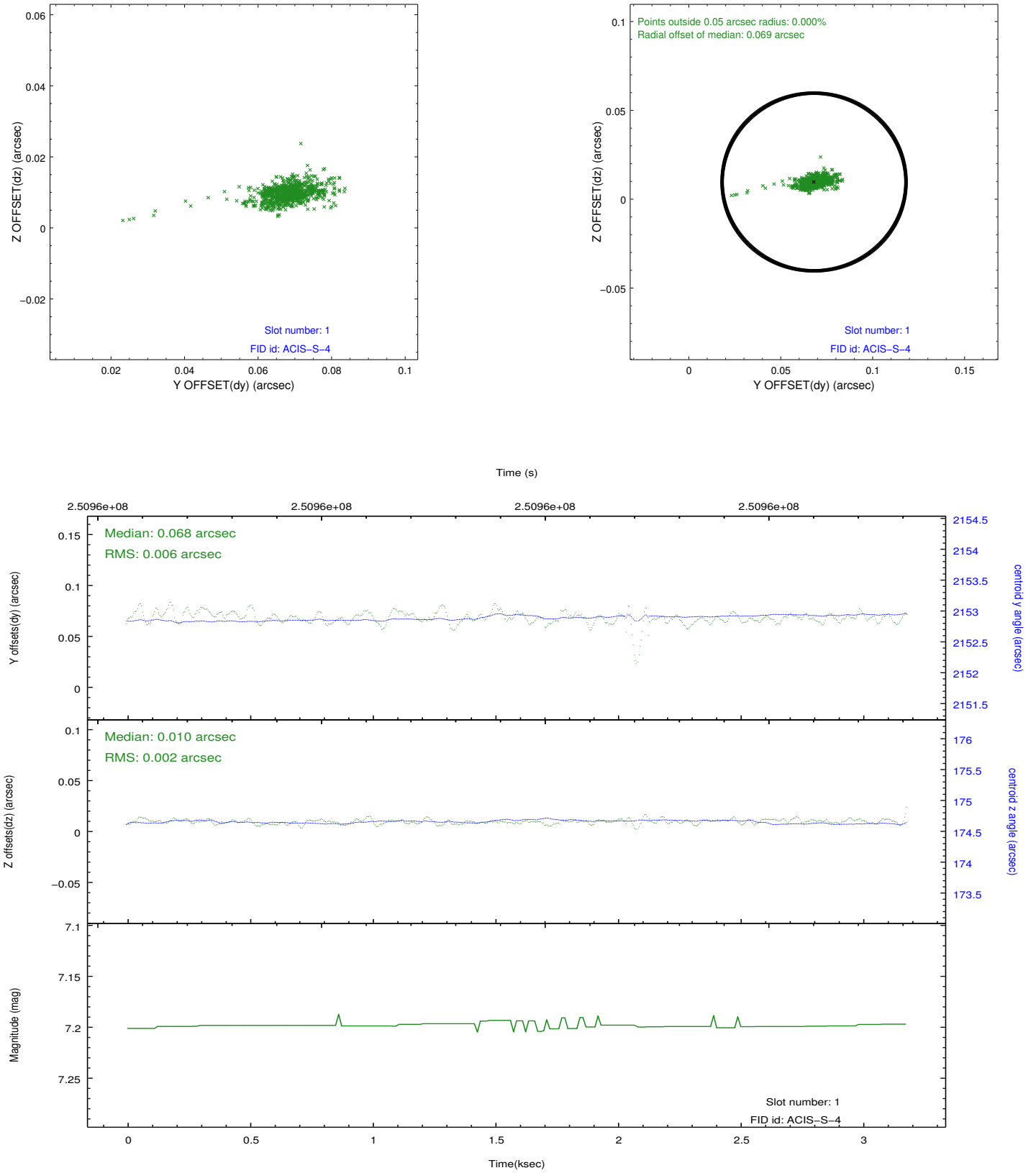


## 2.5 FID Slots

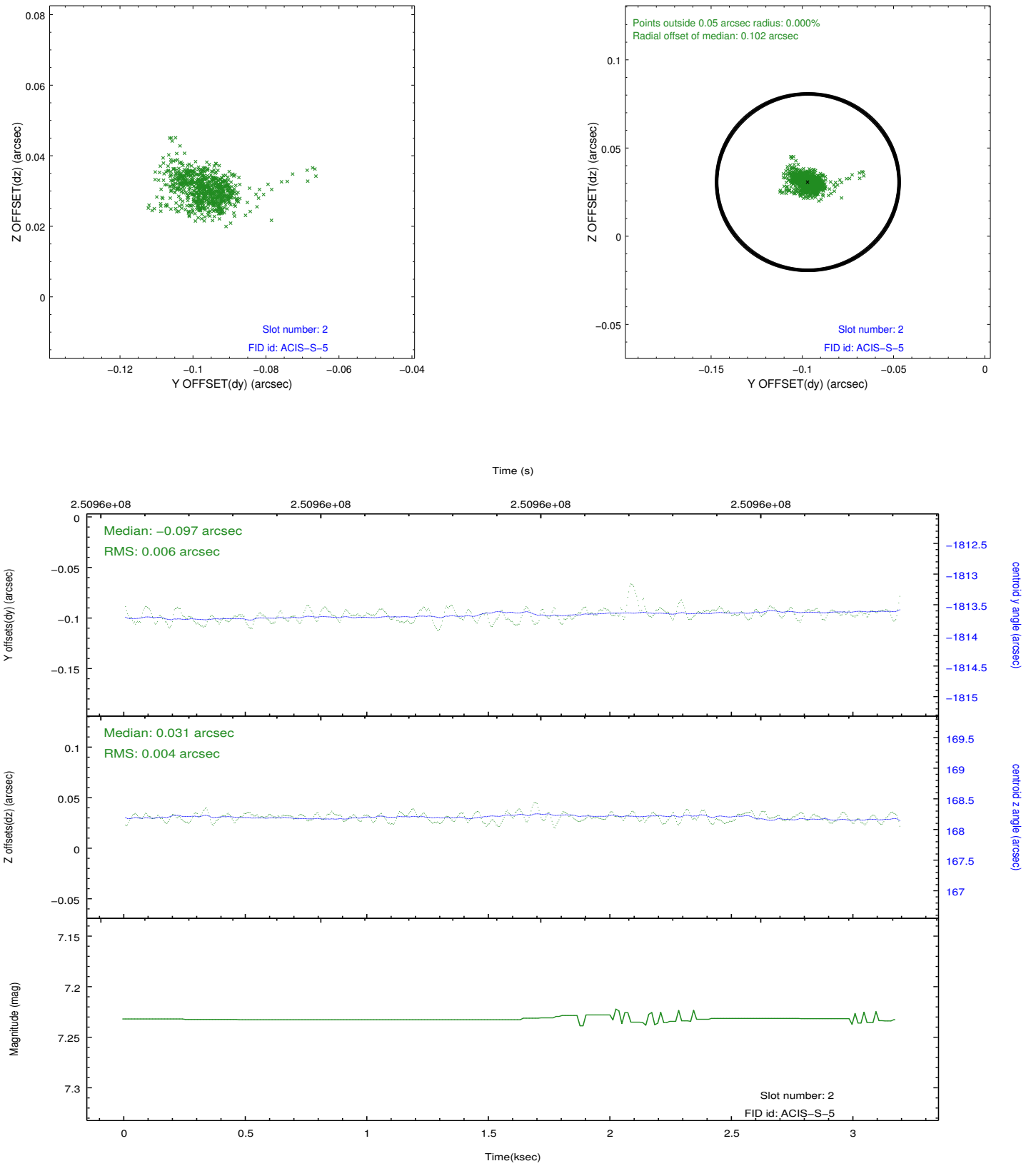
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1852

### A.2 Comments