

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18201 - L2 Version 2
Chandra X-Ray Center

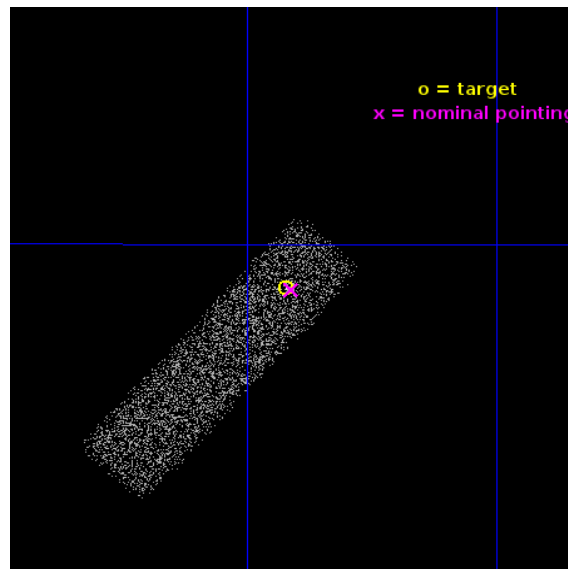
L2 Processing Date : Mar 9 2016

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1 Front

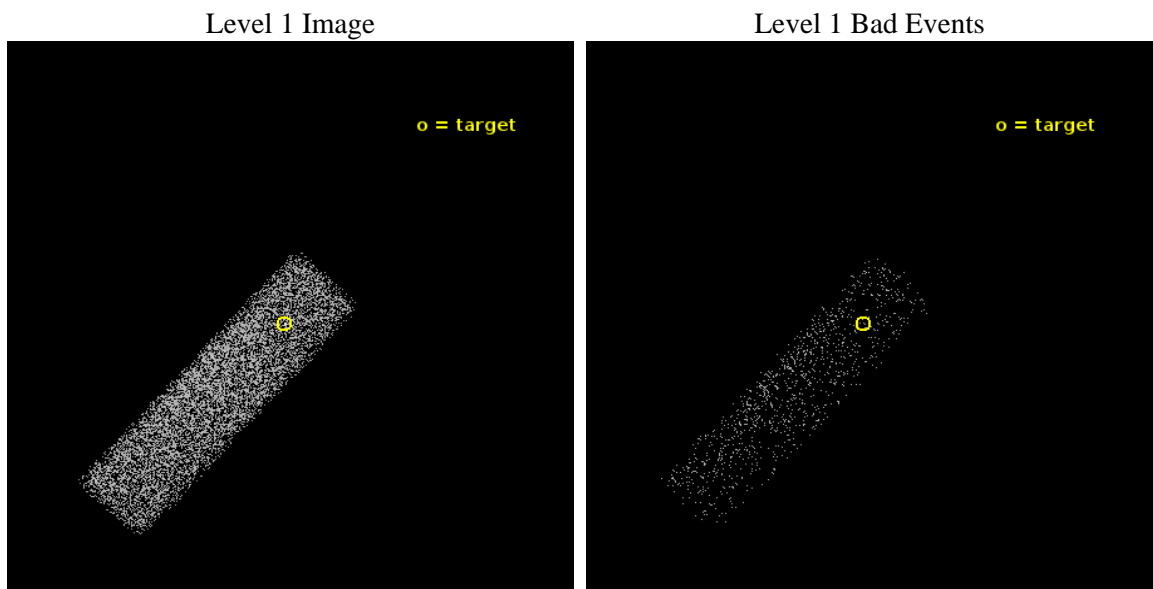
seq_num	703263	Sequence number
obs_id	18201	Observation id
title	Pre-selecting Dual AGN Candidates using WISE: A Chandra Follow-up Study	Proposal title
observer	Dr. Shobita Satyapal	Principal investigator
object	SDSS J130125.26+291849.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	195.355417	Observer's specified target RA [deg]
dec_targ	29.31375	Observer's specified target Dec [deg]
ra_nom	195.35261593066	Nominal RA [deg]
dec_nom	29.312601310428	Nominal Dec [deg]
roll_nom	132.15799126623	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6060.6323934793	Sum of GTIs [s]
livetime	5764.8933639108	Livetime [s]
ontime7	6060.6323934793	Sum of GTIs [s]
l2events	5558	Number of level 2 events



2 OBI

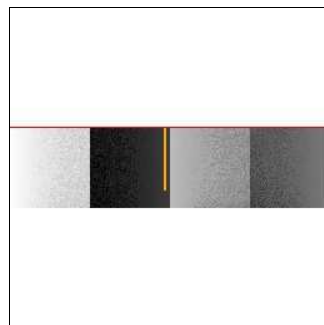
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	6060.6323934793	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	6060.6323934793	Sum of GTIs [s]
date	2016-03-10T01:27:13	Date and time of file creation	l1events	12320	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

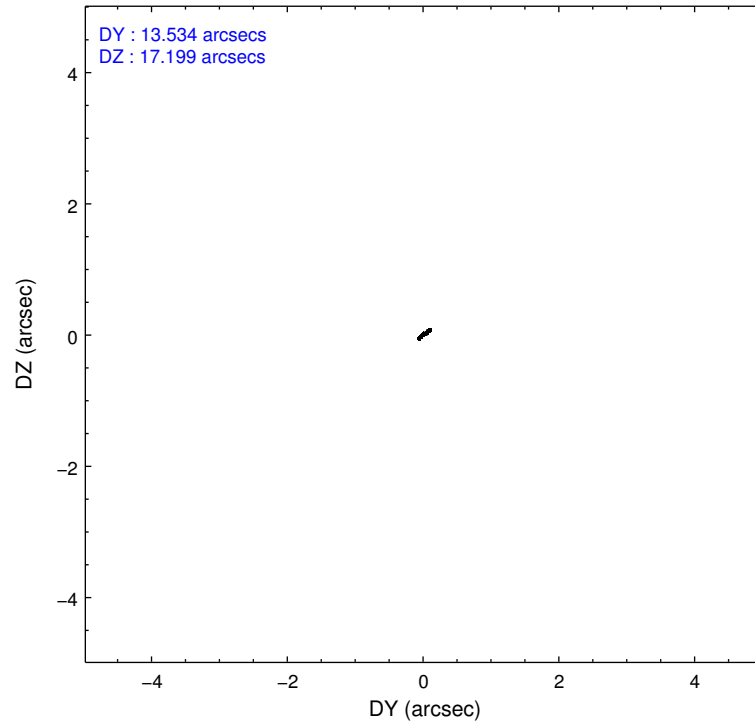
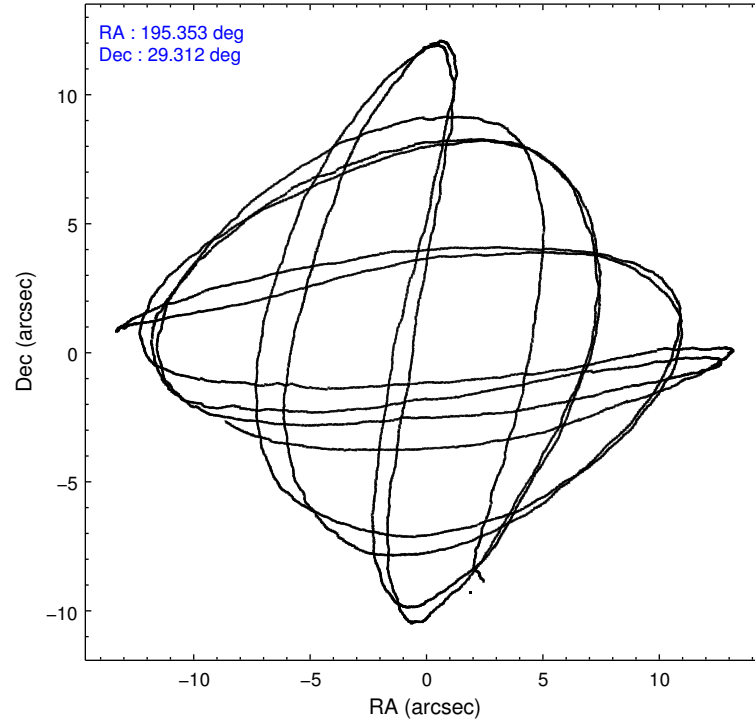
	ccd 7
level 1 events	12320
rejected events	6543
rejected %	53%

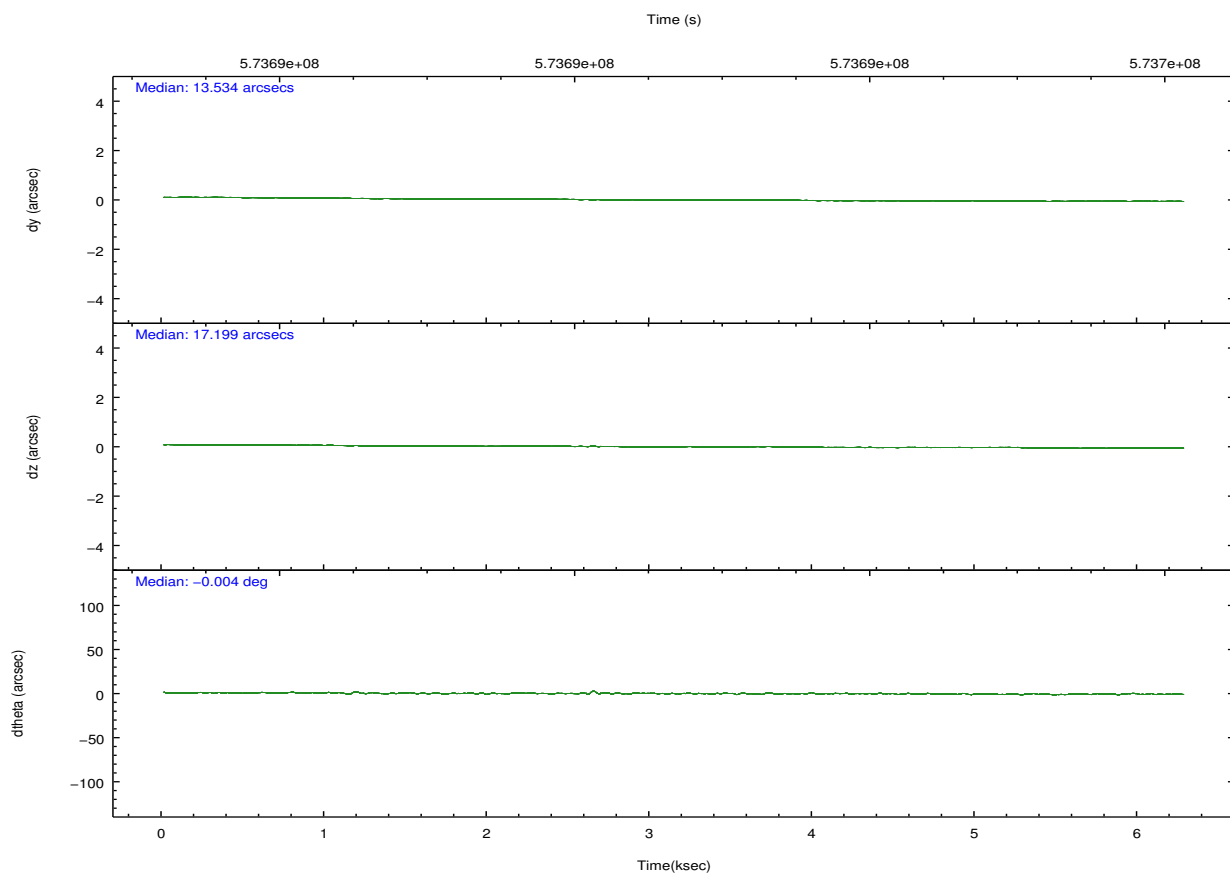
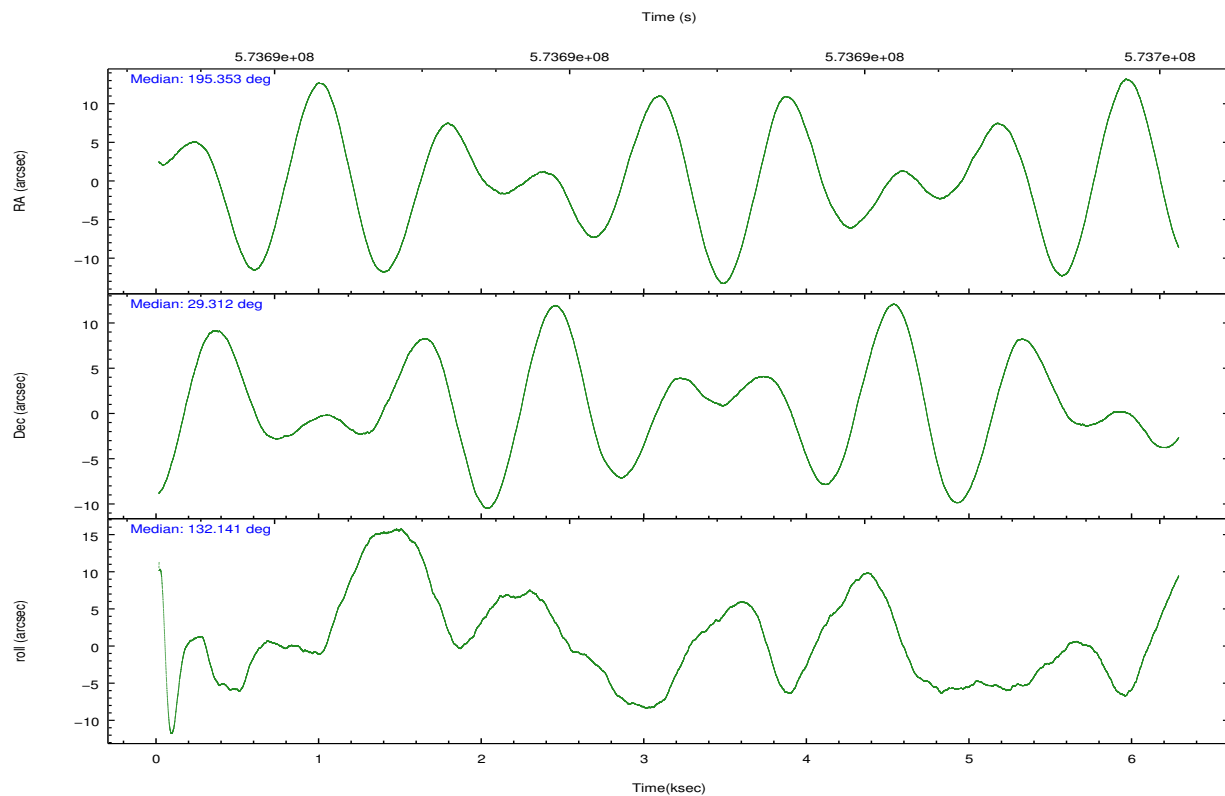
	ccd 7
grade 0 events	522
	4%
grade 1 events	21
	0%
grade 2 events	1133
	9%
grade 3 events	631
	5%
grade 4 events	640
	5%
grade 5 events	1193
	9%
grade 6 events	2851
	23%
grade 7 events	5329
	43%

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	195.382656	195.3526159306576	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	29.304562	29.31260131042769	Subarray start row	385	385
[deg] Pointing Roll	131.986670	132.1579912662333	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	573689825.184000	573689206.02423			
Observation start date	2016-03-06T22:15:57	2016-03-06T22:06:46			
[s] Observation end time (MET)	573695825.184000	573697144.13718			
Observation end date	2016-03-06T23:55:57	2016-03-07T00:19:04			
Read mode	TIMED	TIMED			

2.3 Aspect



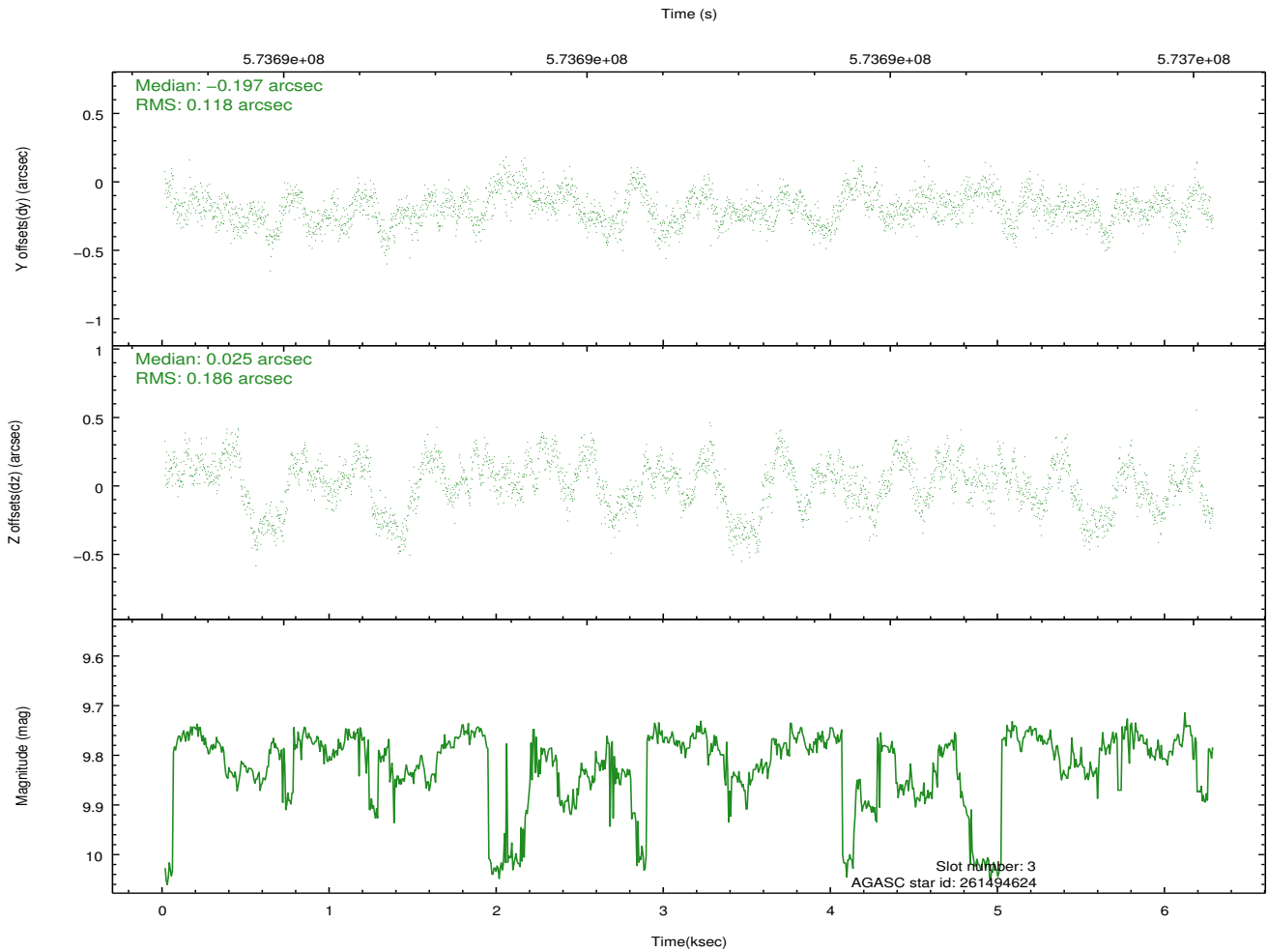
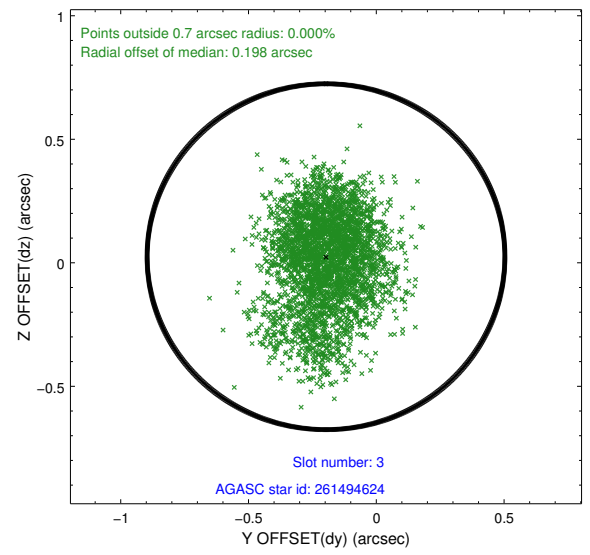
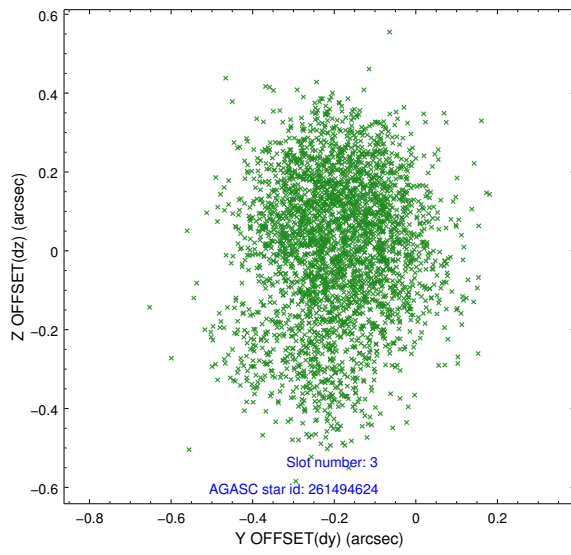


Slot Statistics

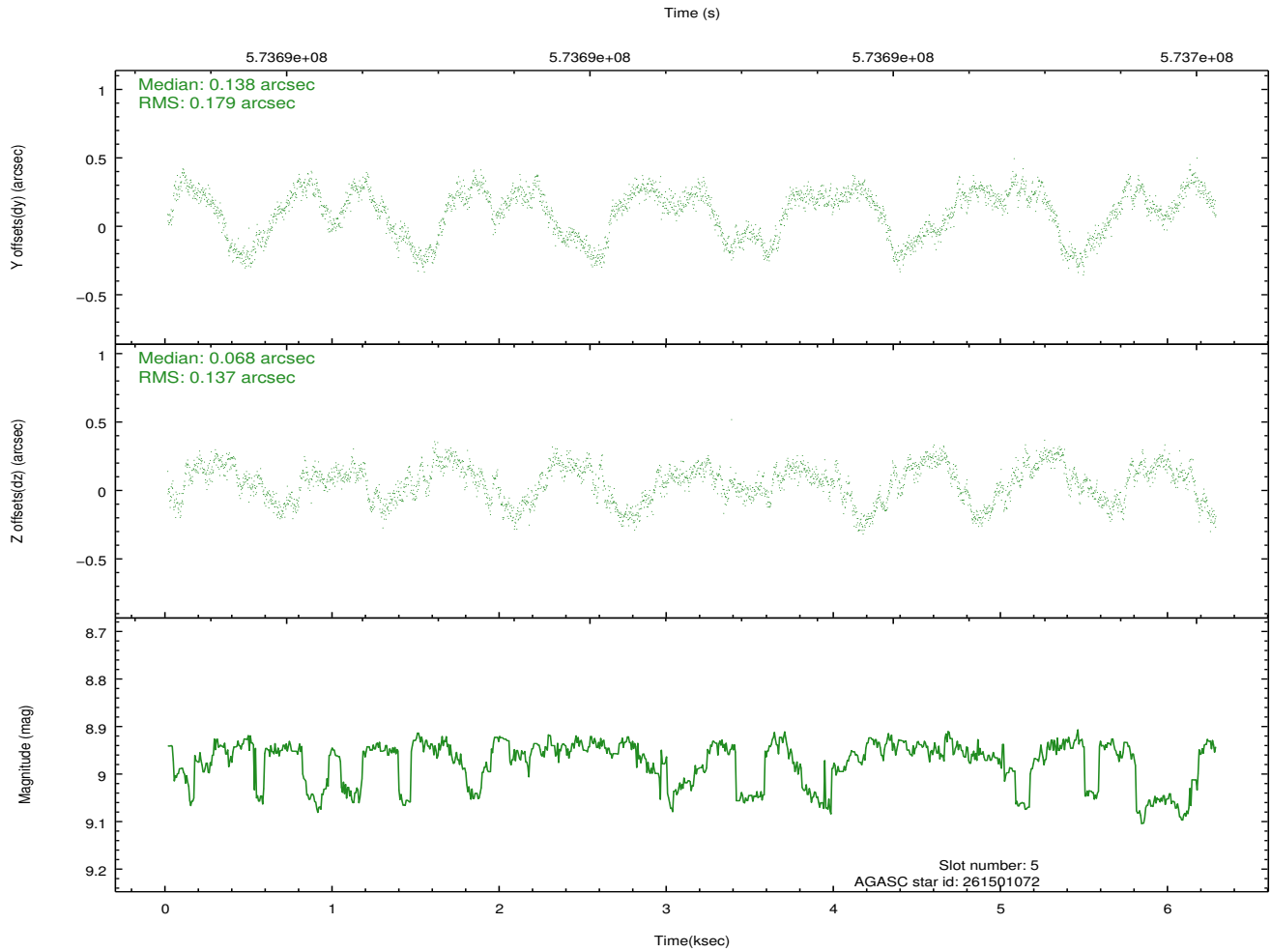
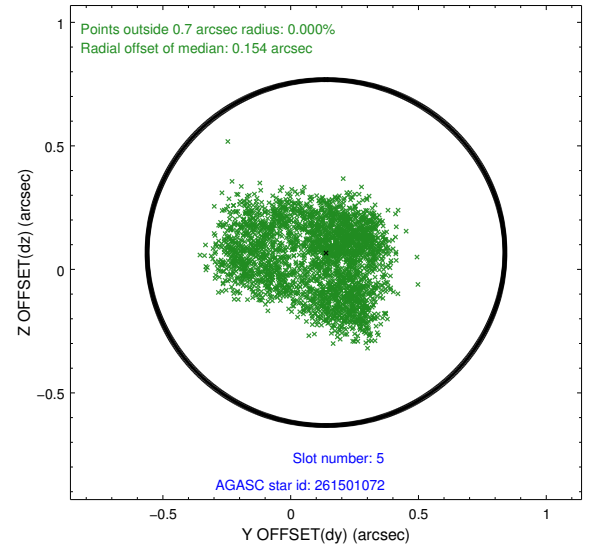
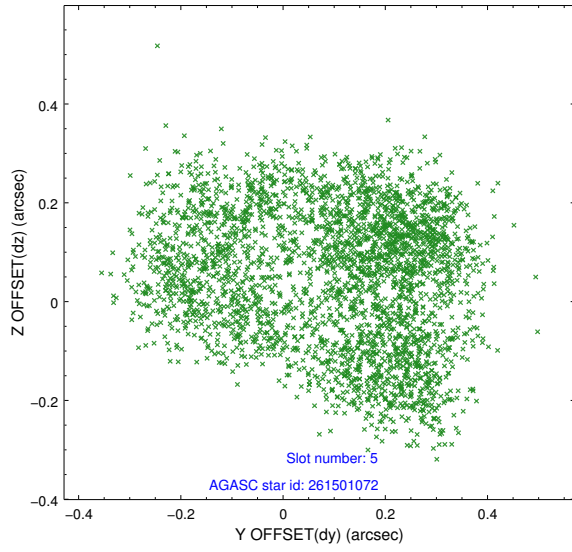
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.14	1530	-0.157	-0.152	0.008	0.014	0.000000	0.000000	-766.62	-1738.74
1	FID		ACIS-S-4	7.24	1530	0.497	0.117	0.008	0.013	0.000000	0.000000	2146.87	169.04
2	FID		ACIS-S-5	7.26	1530	-0.372	0.044	0.007	0.011	0.000000	0.000000	-1818.48	163.70
3	GUIDE	used	261494624	9.80	3048	-0.197	0.025	0.232	0.391	195.359009	29.626023	909.99	-718.41
4	OMITTED			0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
5	GUIDE	used	261501072	8.96	3057	0.138	0.068	0.245	0.374	195.517851	28.991551	-1120.39	438.25
6	GUIDE	used	261504080	10.19	3055	0.157	0.122	0.214	0.340	195.617627	28.965820	-1400.50	265.64
7	GUIDE	used	261494640	9.82	3054	-0.069	-0.185	0.282	0.442	195.174515	28.510071	-1684.87	2403.29

2.4 Star Slots

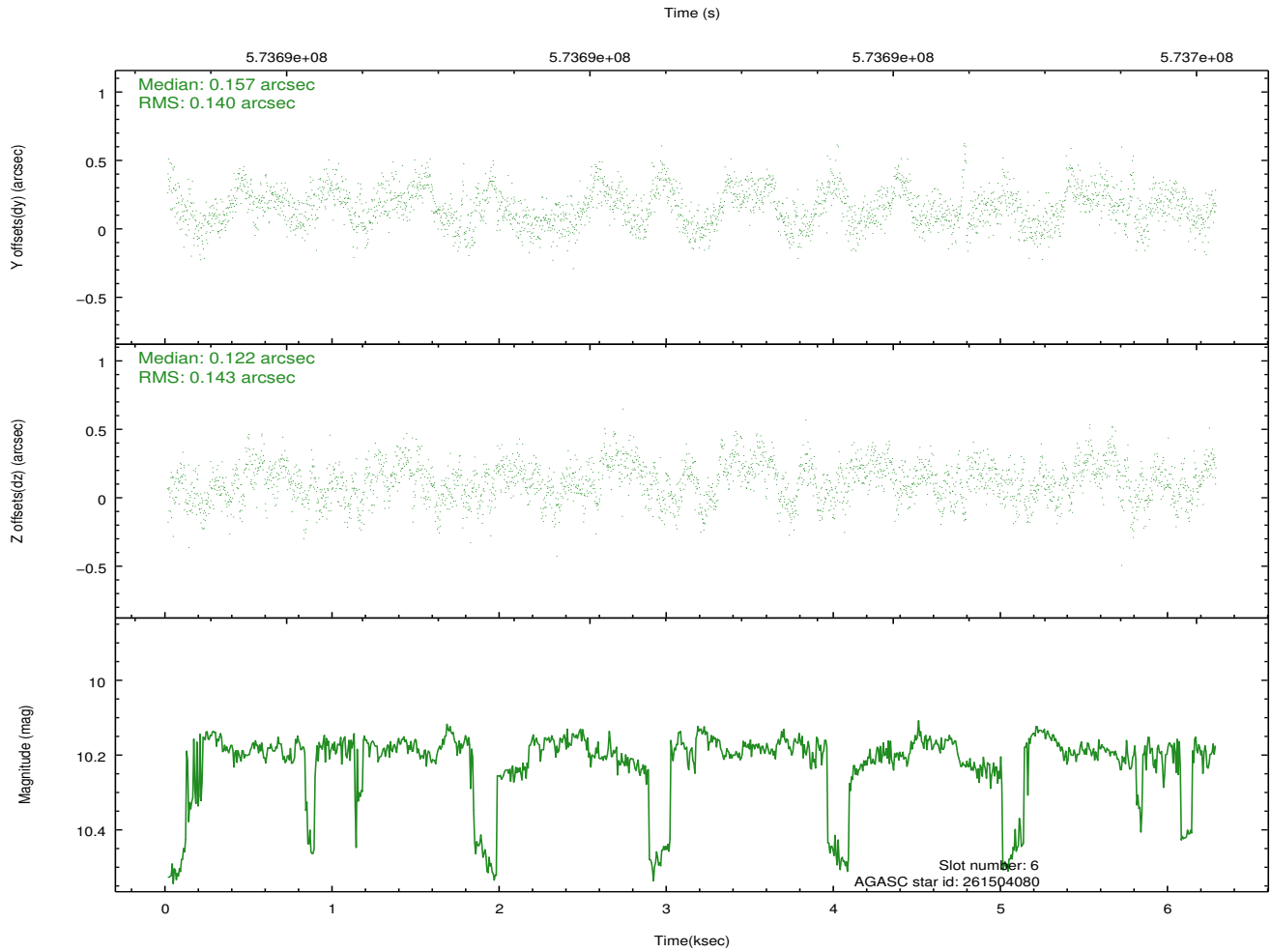
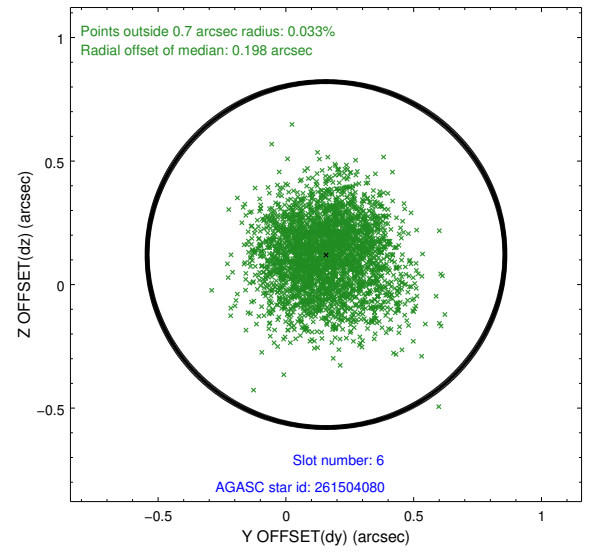
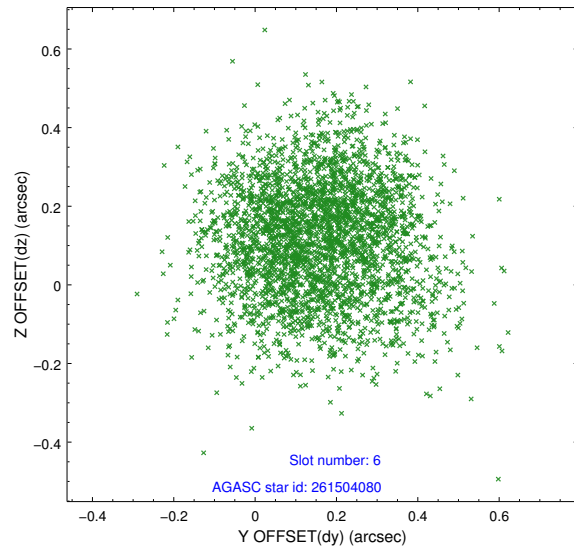
2.4.1 Slot 3



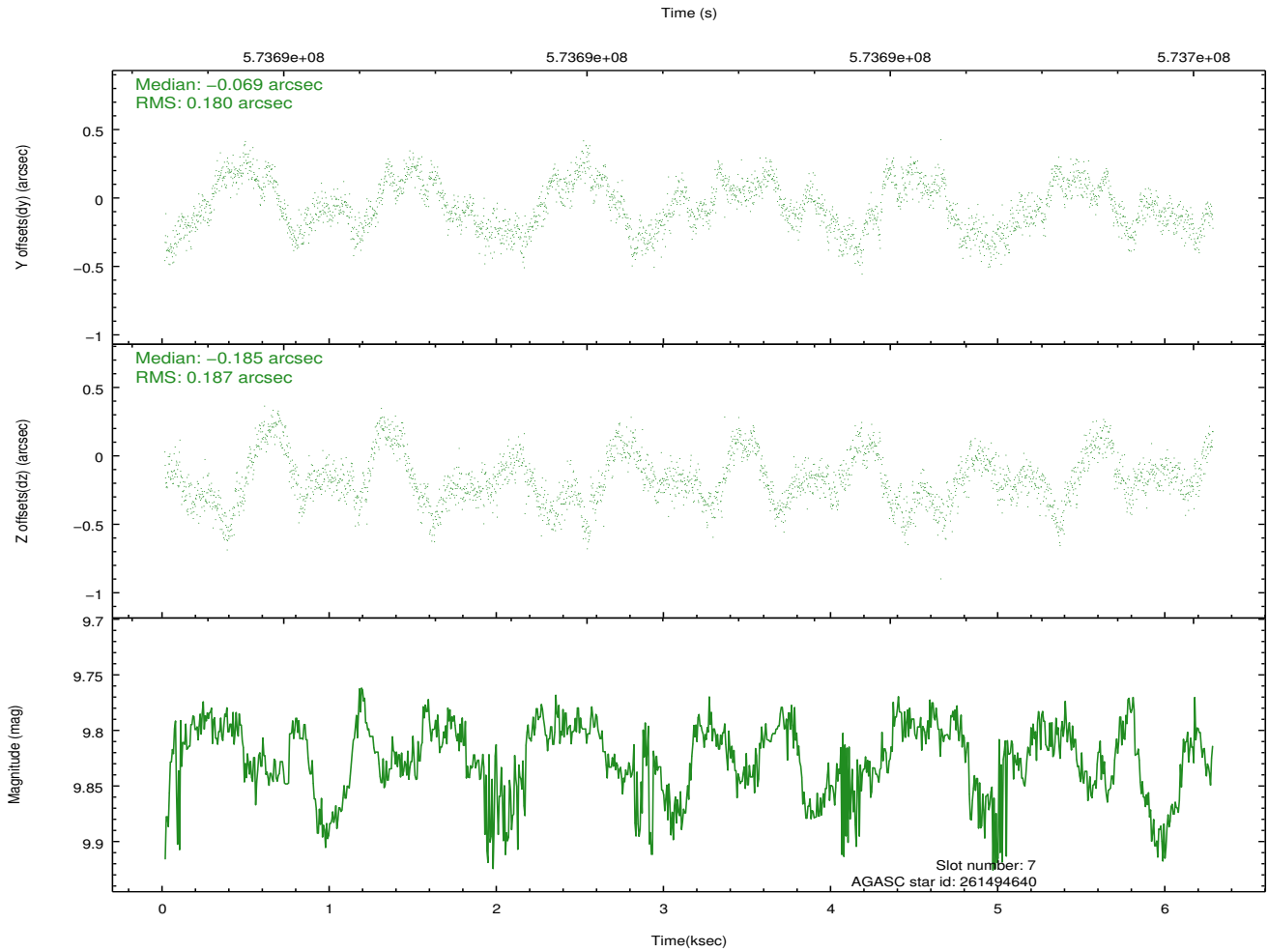
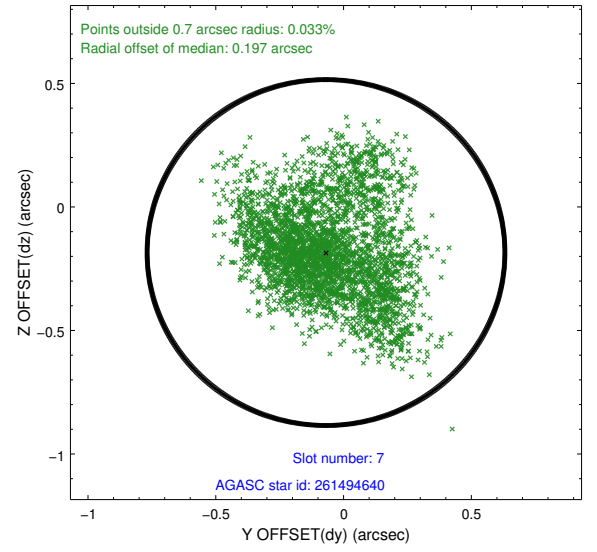
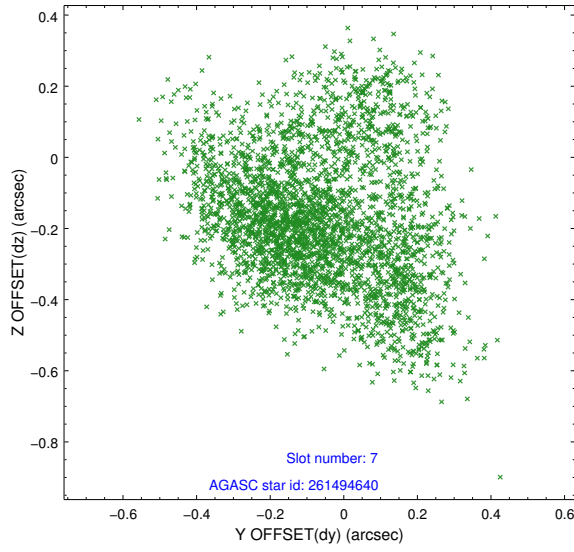
2.4.2 Slot 5



2.4.3 Slot 6

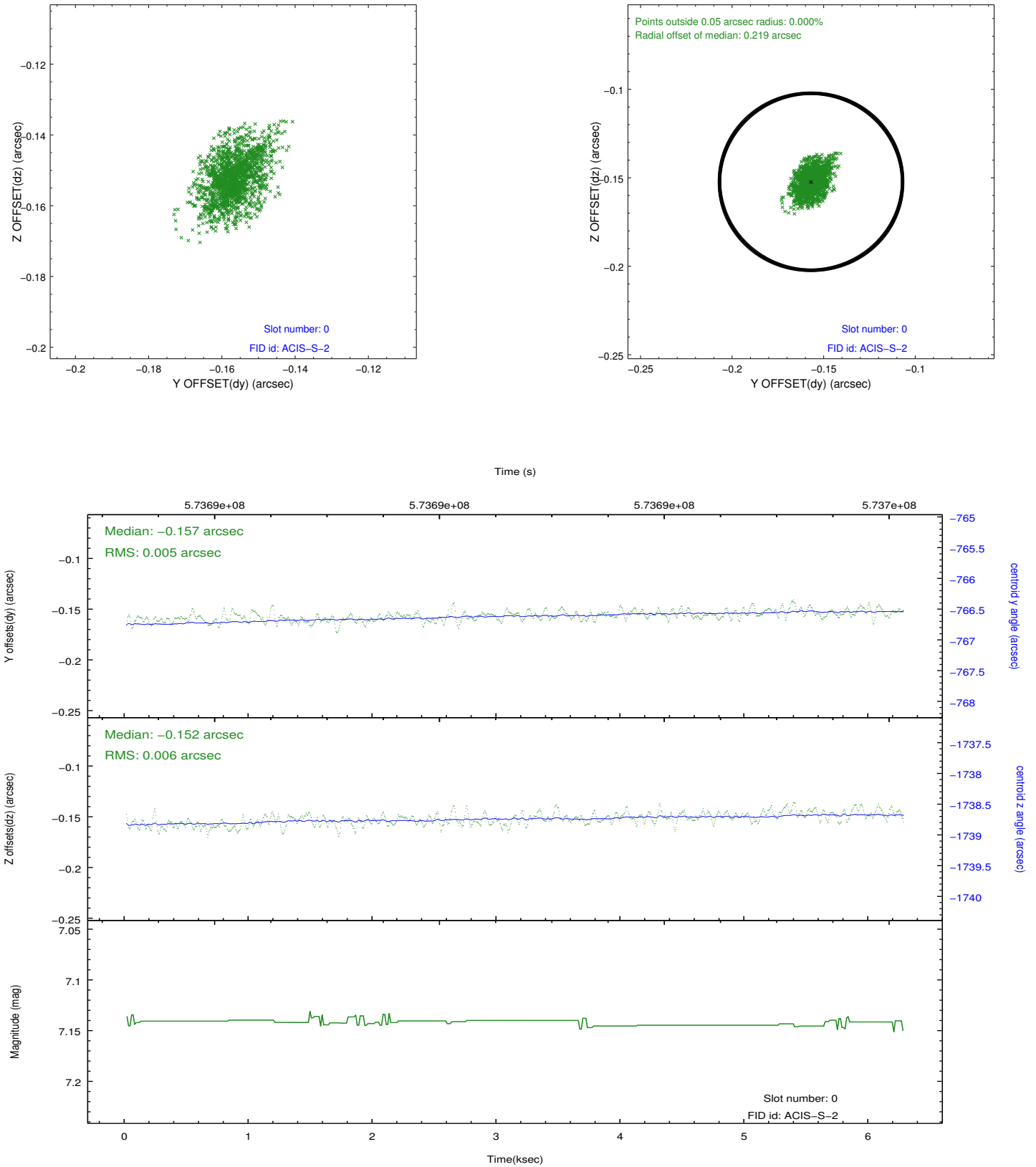


2.4.4 Slot 7

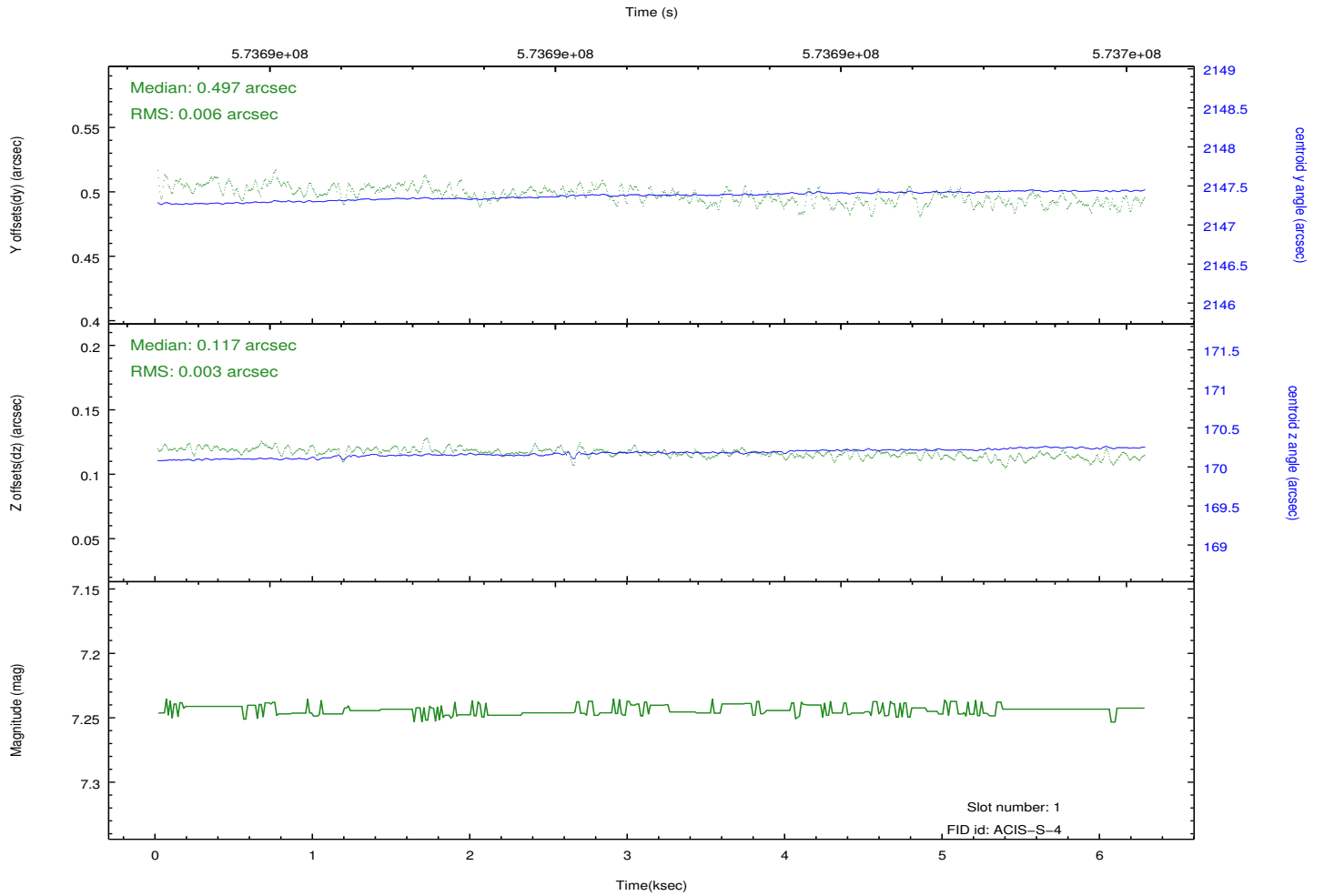
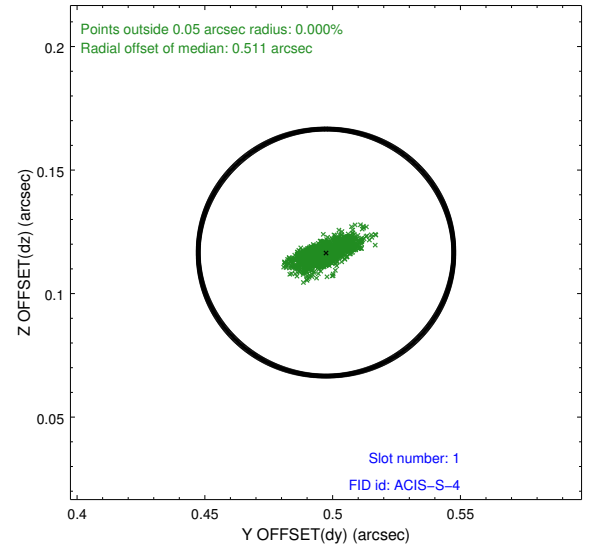
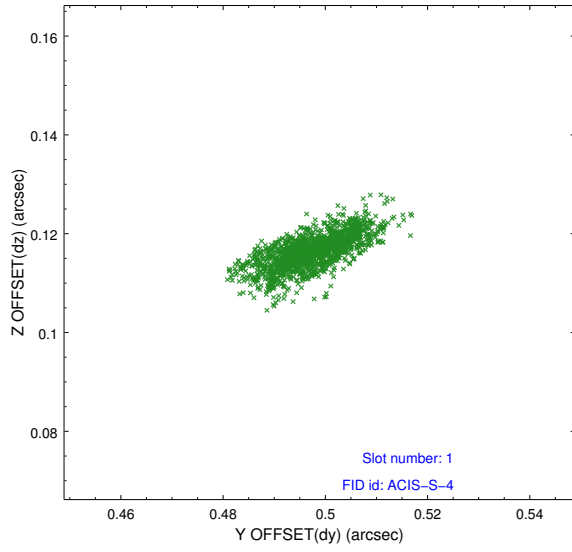


2.5 FID Slots

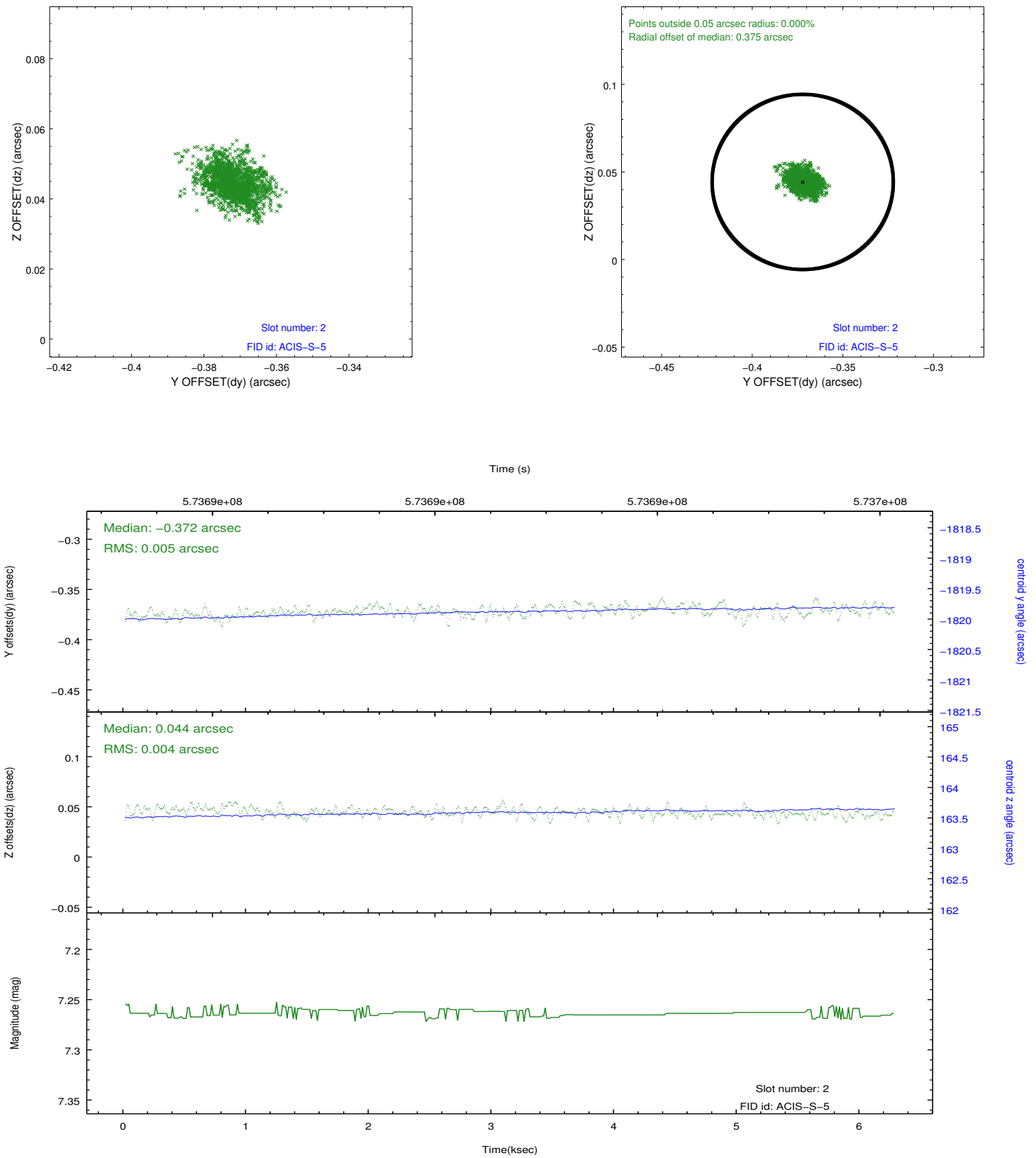
2.5.1 Slot 0



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)	2016.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0606323934793

A.2 Comments

The guide star in slot 4 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this star from the solution.