

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11634 - L2 Version 2
Chandra X-Ray Center

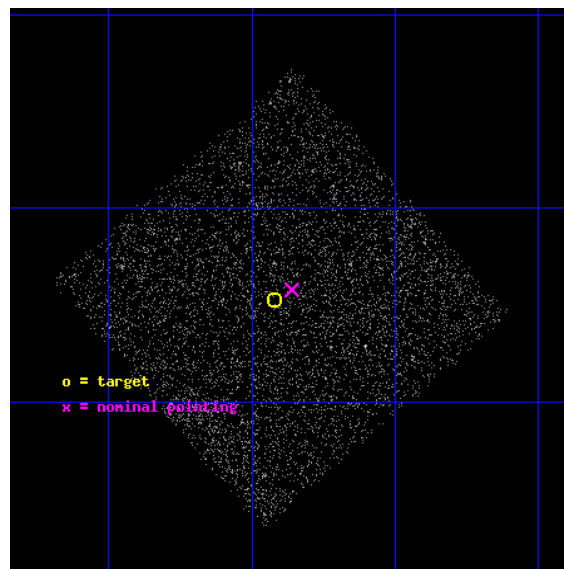
L2 Processing Date : Jun 20 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

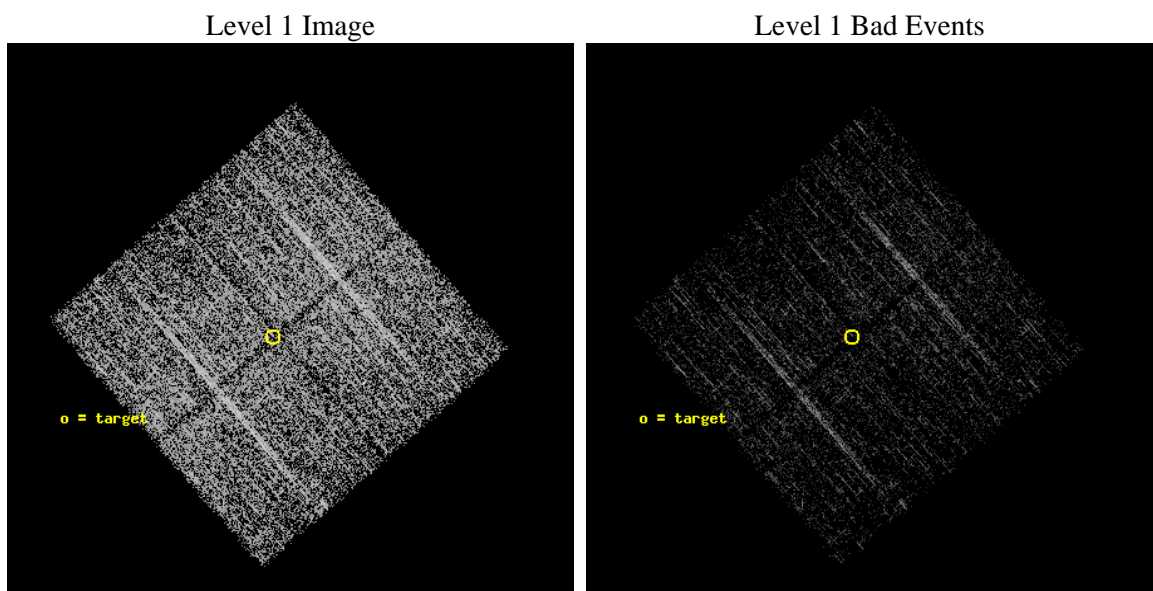
seq_num	702220	Sequence number
obs_id	11634	Observation id
title	AGN ignition in the galaxy group environment	Proposal title
observer	Dr. John Silverman	Principal investigator
object	2PIGG_m1320	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.480417	Observer's specified target RA [deg]
dec_targ	-1.411583	Observer's specified target Dec [deg]
ra_nom	154.46534022482	Nominal RA [deg]
dec_nom	-1.4035220706621	Nominal Dec [deg]
roll_nom	49.034436691868	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2467.5590386391	Sum of GTIs [s]
livetime	2435.3185632087	Livetime [s]
ontime0	2470.700019002	Sum of GTIs [s]
ontime1	2467.5590386391	Sum of GTIs [s]
ontime2	2470.700019002	Sum of GTIs [s]
ontime3	2470.700019002	Sum of GTIs [s]
l2events	7322	Number of level 2 events



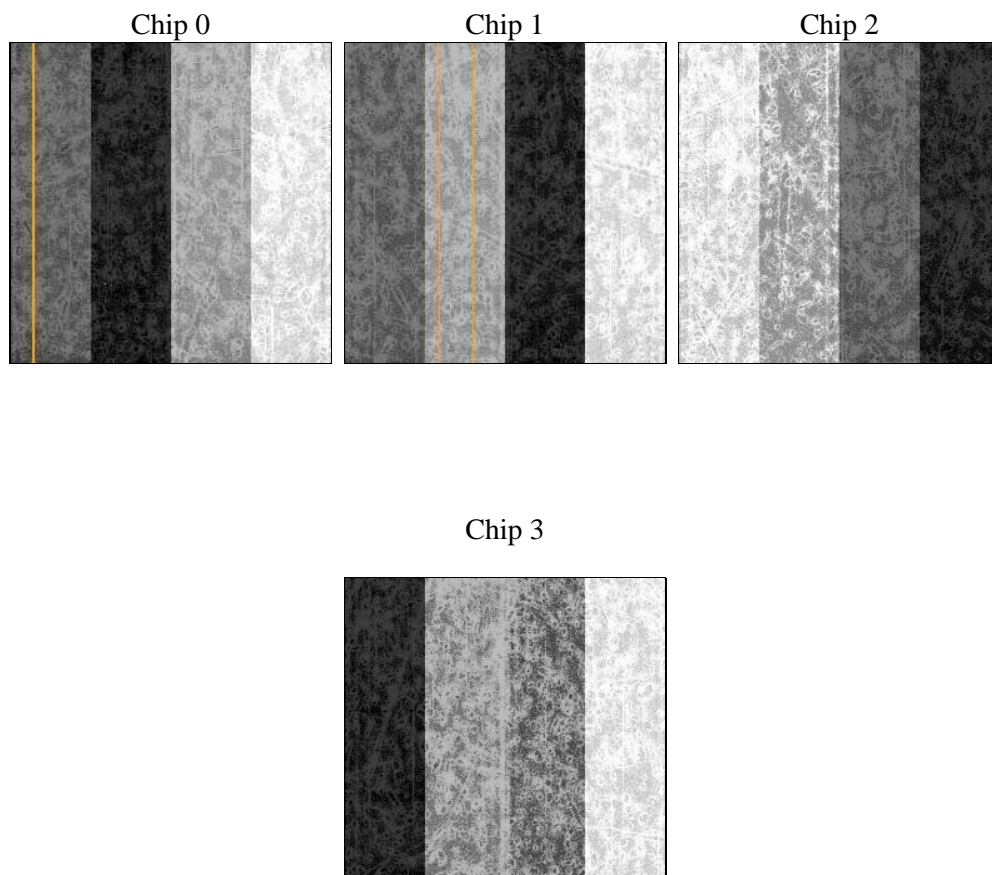
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2680.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2467.5590386391	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	2470.700019002	Sum of GTIs [s]
date	2012-06-20T11:58:42	Date and time of file creation	ontime1	2467.5590386391	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2470.700019002	Sum of GTIs [s]
			ontime3	2470.700019002	Sum of GTIs [s]
			l1events	80466	Number of level 1 events

2.1.4 Events

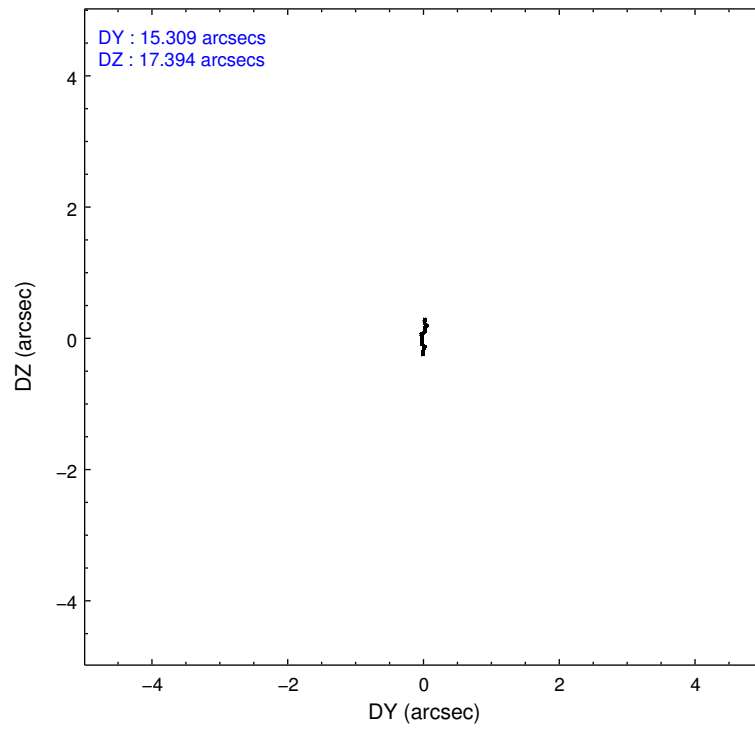
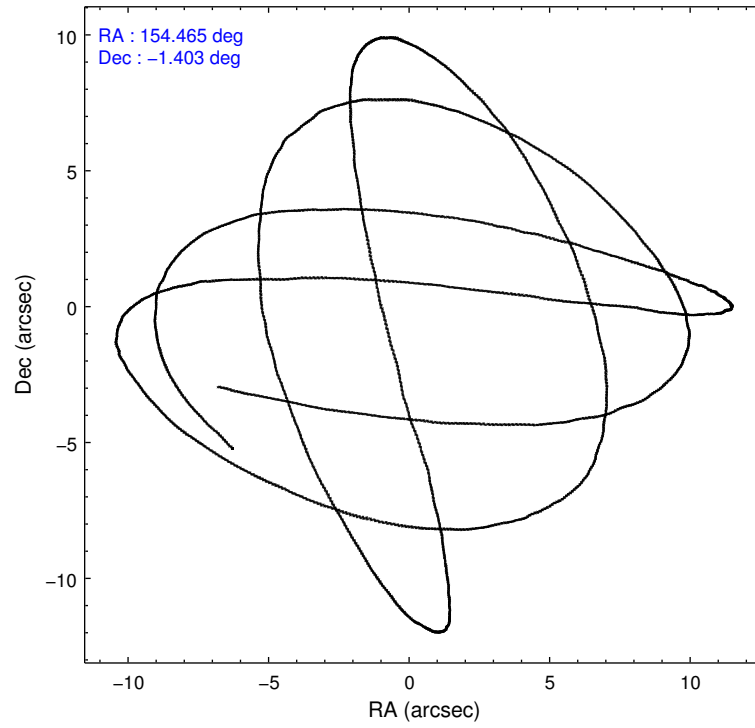
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	20463	19263	20677	20063
rejected events	18247	16841	18606	17898
rejected %	89%	87%	89%	89%

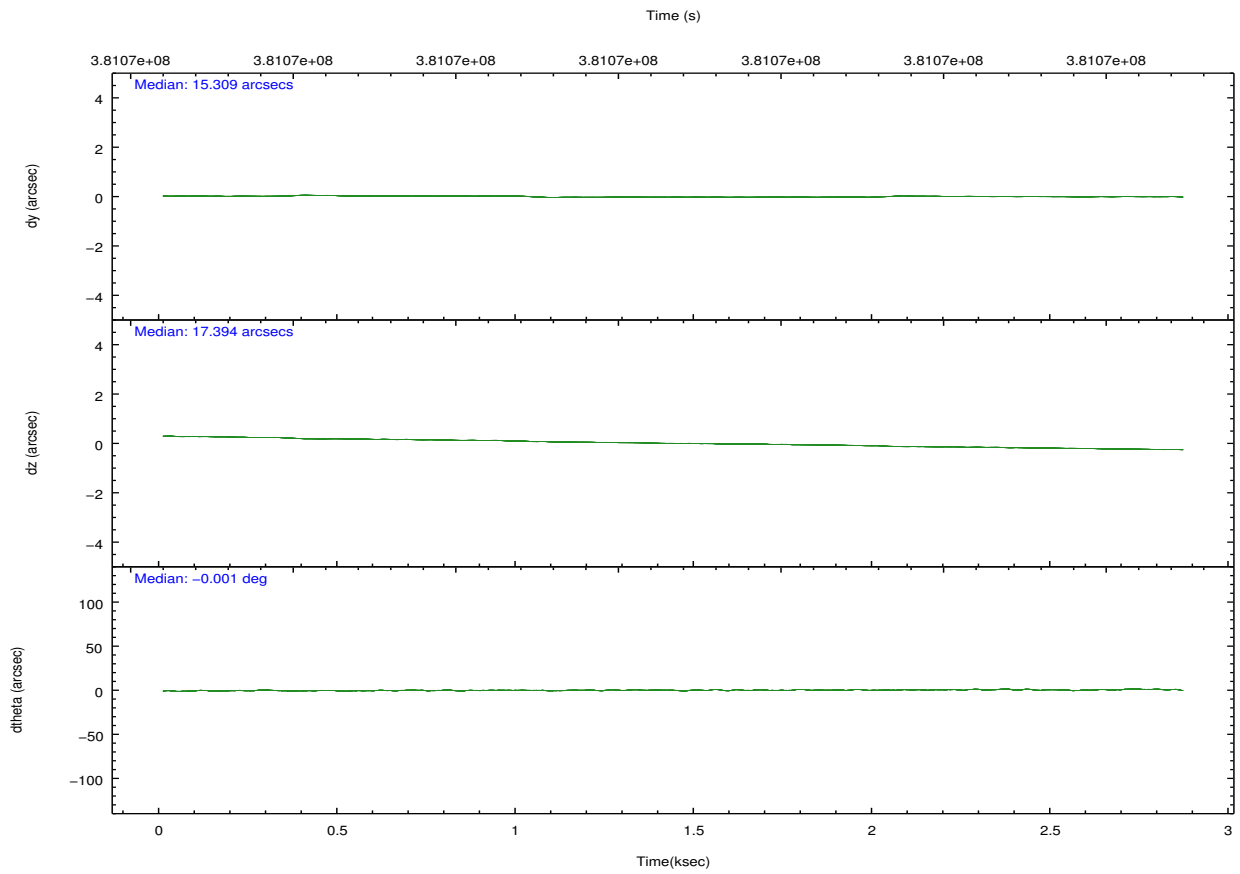
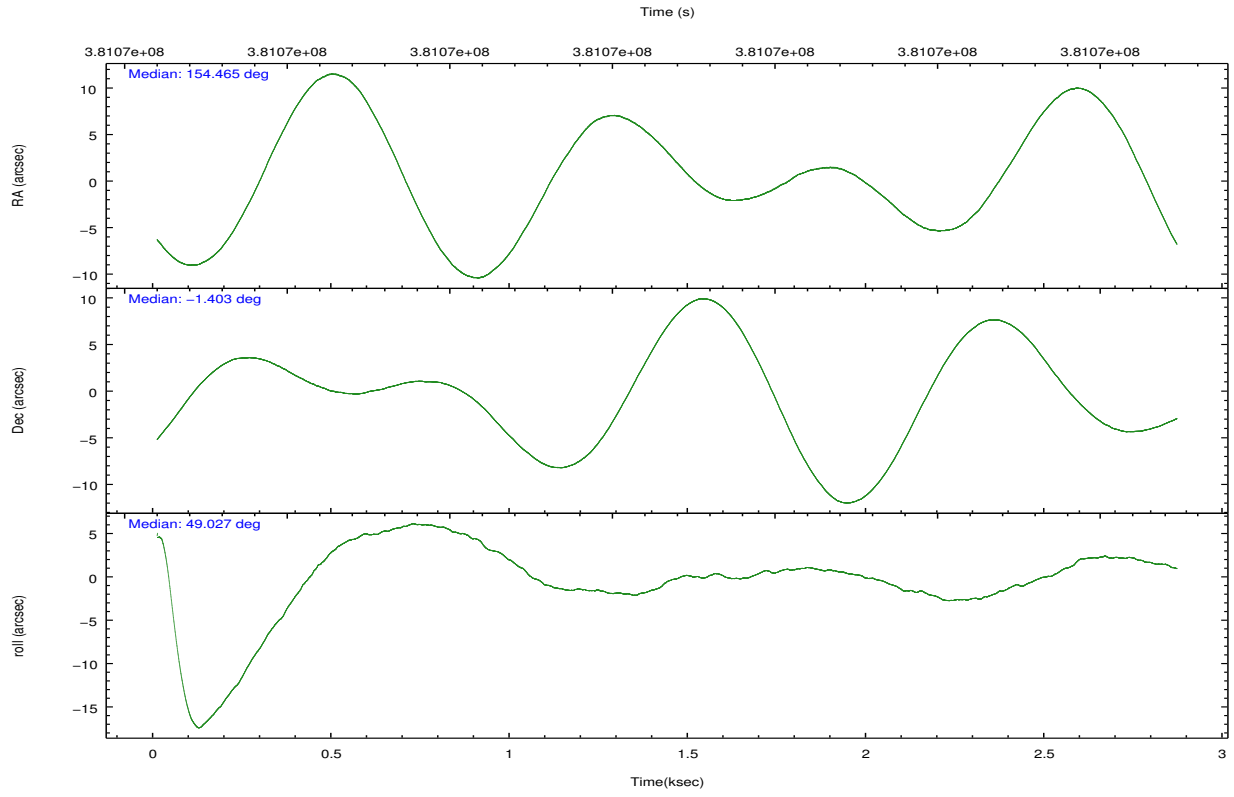
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	786	834	742	807
	3%	4%	3%	4%
grade 1 events	11	9	12	5
	0%	0%	0%	0%
grade 2 events	541	541	496	441
	2%	2%	2%	2%
grade 3 events	245	266	239	241
	1%	1%	1%	1%
grade 4 events	223	280	219	227
	1%	1%	1%	1%
grade 5 events	744	856	776	888
	3%	4%	3%	4%
grade 6 events	426	504	379	451
	2%	2%	1%	2%
grade 7 events	17487	15973	17814	17003
	85%	82%	86%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	154.460189	154.4653402248242	Subarray requested	NONE	NONE
[deg] Pointing Dec	-1.430648	-1.40352207066206	Alternating exposures requested	N	N
[deg] Pointing Roll	48.825612	49.03443669186772	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	381065922.184000	381065546.73184			
Observation start date	2010-01-28T11:37:36	2010-01-28T11:32:26			
[s] Observation end time (MET)	381068602.184000	381068736.532			
Observation end date	2010-01-28T12:22:16	2010-01-28T12:25:36			
Read mode	TIMED	TIMED			

2.3 Aspect





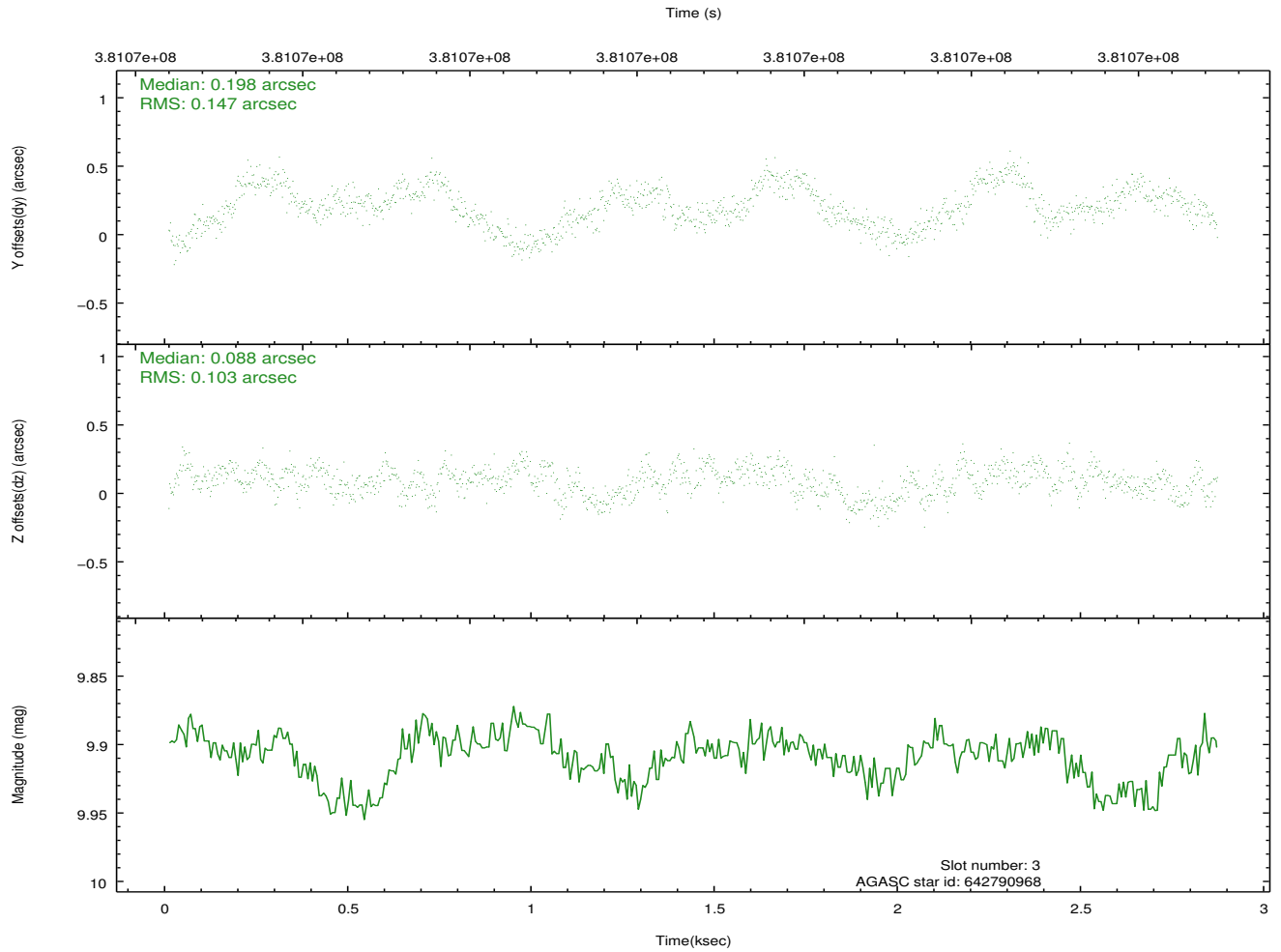
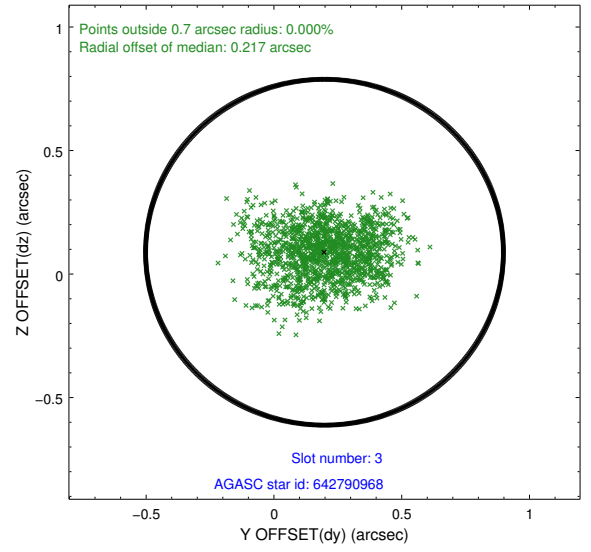
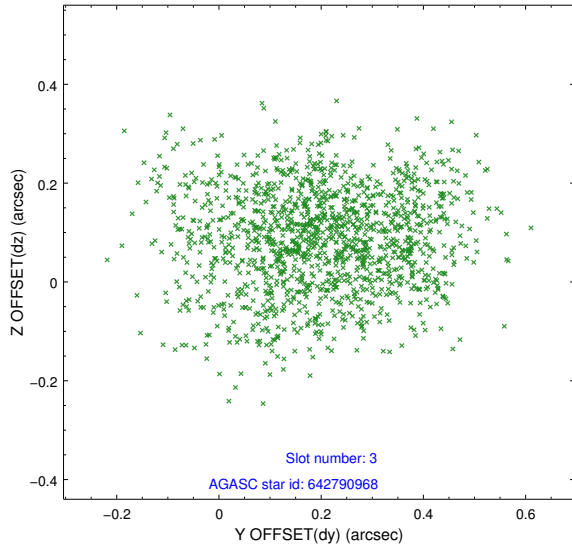
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.01	698	0.065	-0.023	0.008	0.014	0.000000	0.000000	924.19	-841.10
1	FID	ACIS-I-5	7.00	698	-0.218	0.068	0.007	0.011	0.000000	0.000000	-1822.93	1055.39
2	FID	ACIS-I-6	7.01	698	0.062	0.024	0.008	0.013	0.000000	0.000000	387.33	1702.36
3	GUIDE	642790968	9.91	1390	0.198	0.088	0.193	0.306	154.507380	-1.925543	-1229.40	-1300.09
4	GUIDE	642791936	8.29	1397	-0.015	-0.119	0.088	0.139	154.566371	-1.244519	754.67	152.66
5	GUIDE	642792120	8.96	1396	0.038	-0.000	0.100	0.164	154.232708	-1.417096	-502.07	648.57
6	GUIDE	642793248	7.43	1397	-0.102	-0.082	0.086	0.136	154.033010	-1.597799	-1465.91	761.22
7	GUIDE	642793536	9.56	1396	-0.135	0.124	0.133	0.229	154.979446	-1.737519	397.50	-2133.10

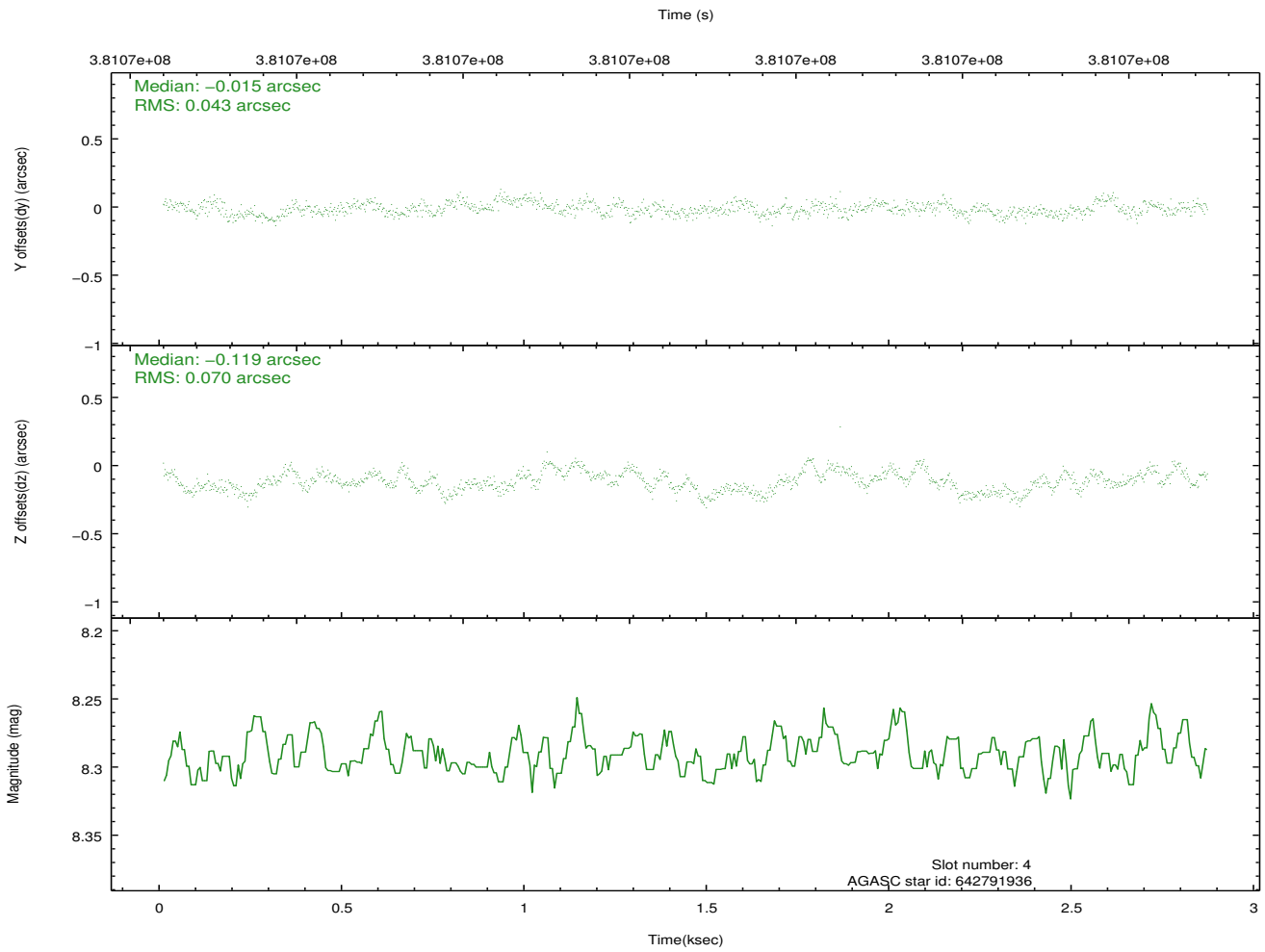
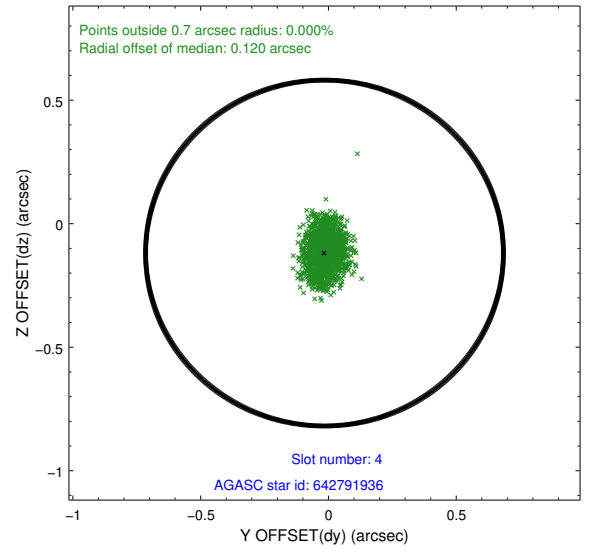
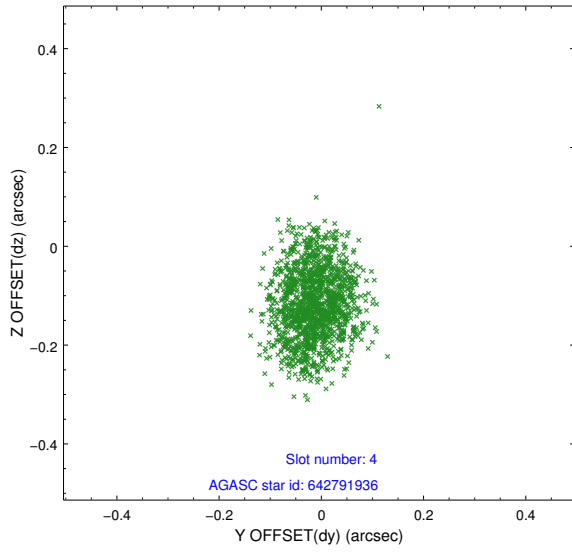
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2.4 Star Slots

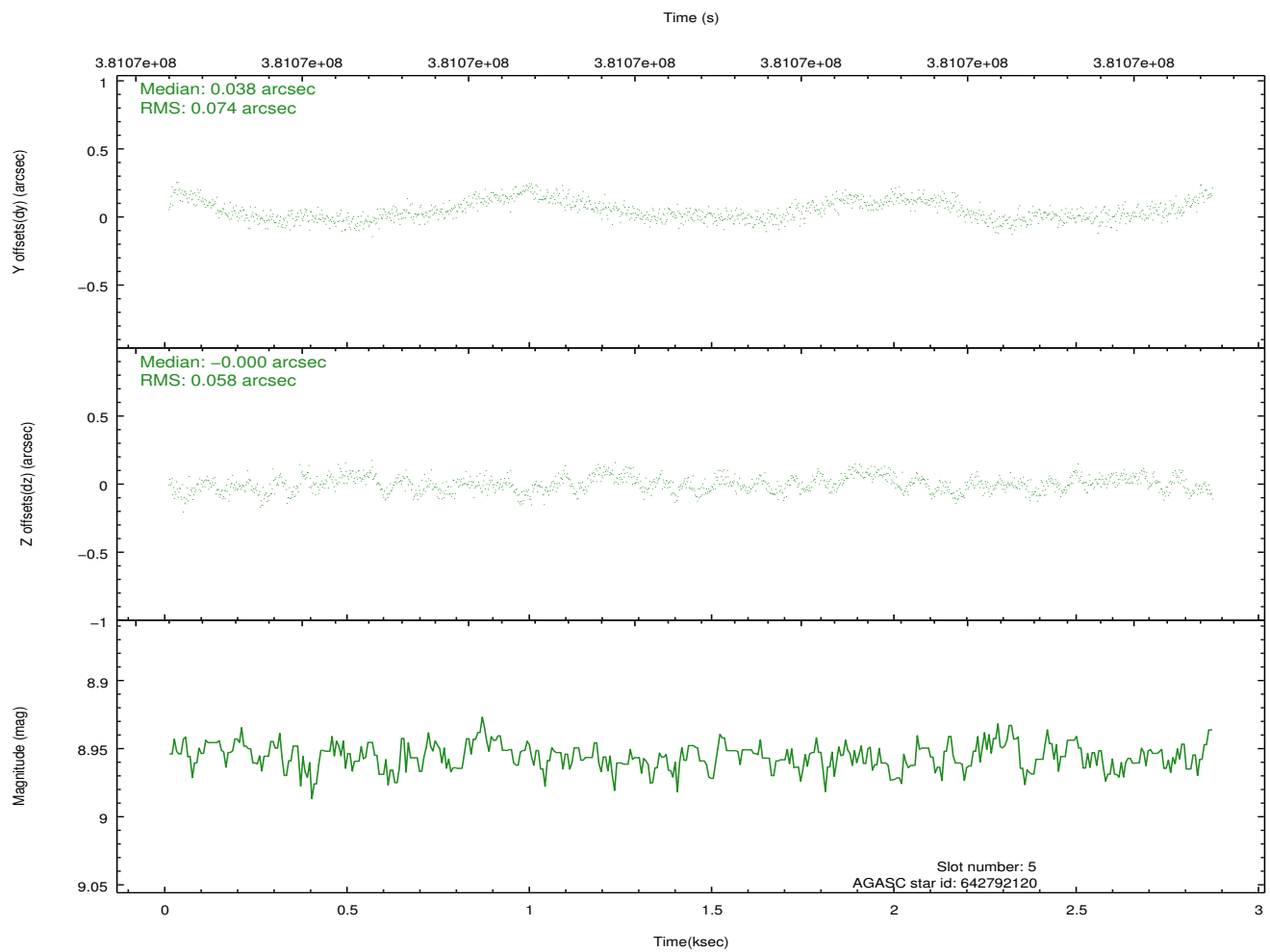
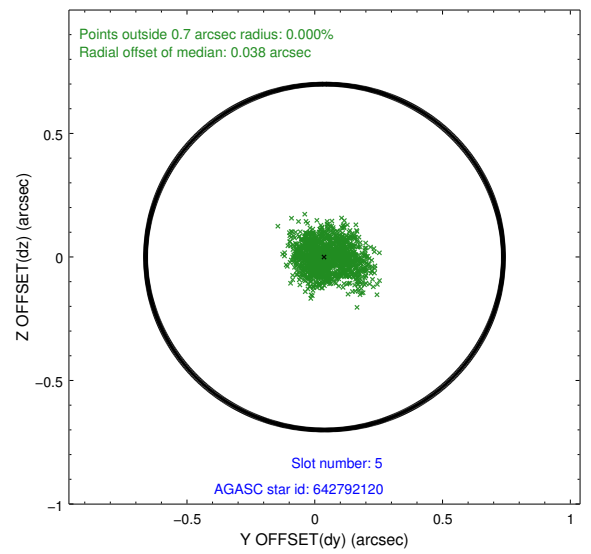
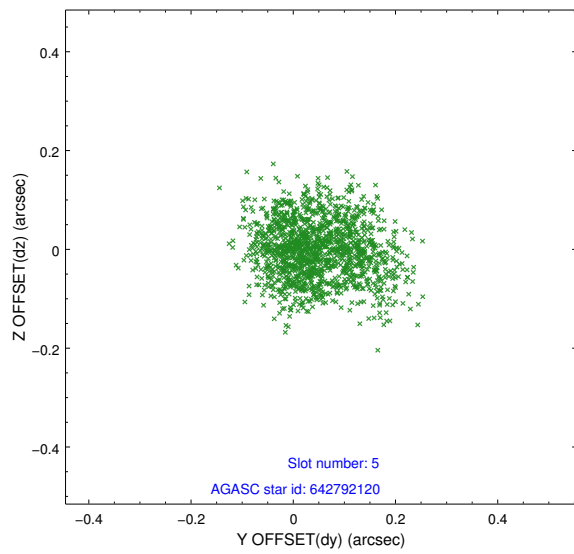
2.4.1 Slot 3



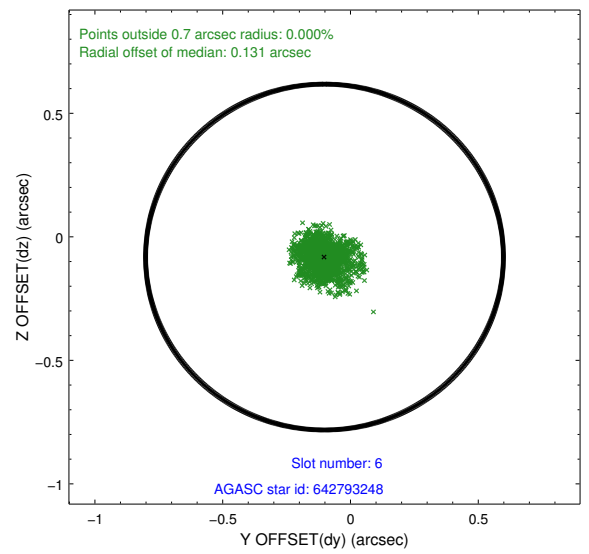
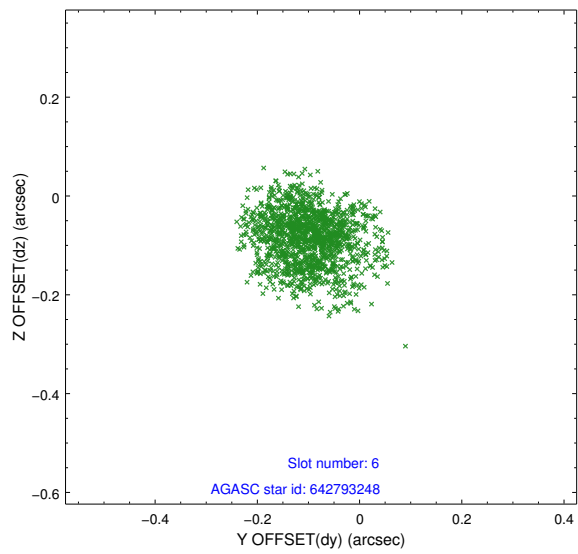
2.4.2 Slot 4



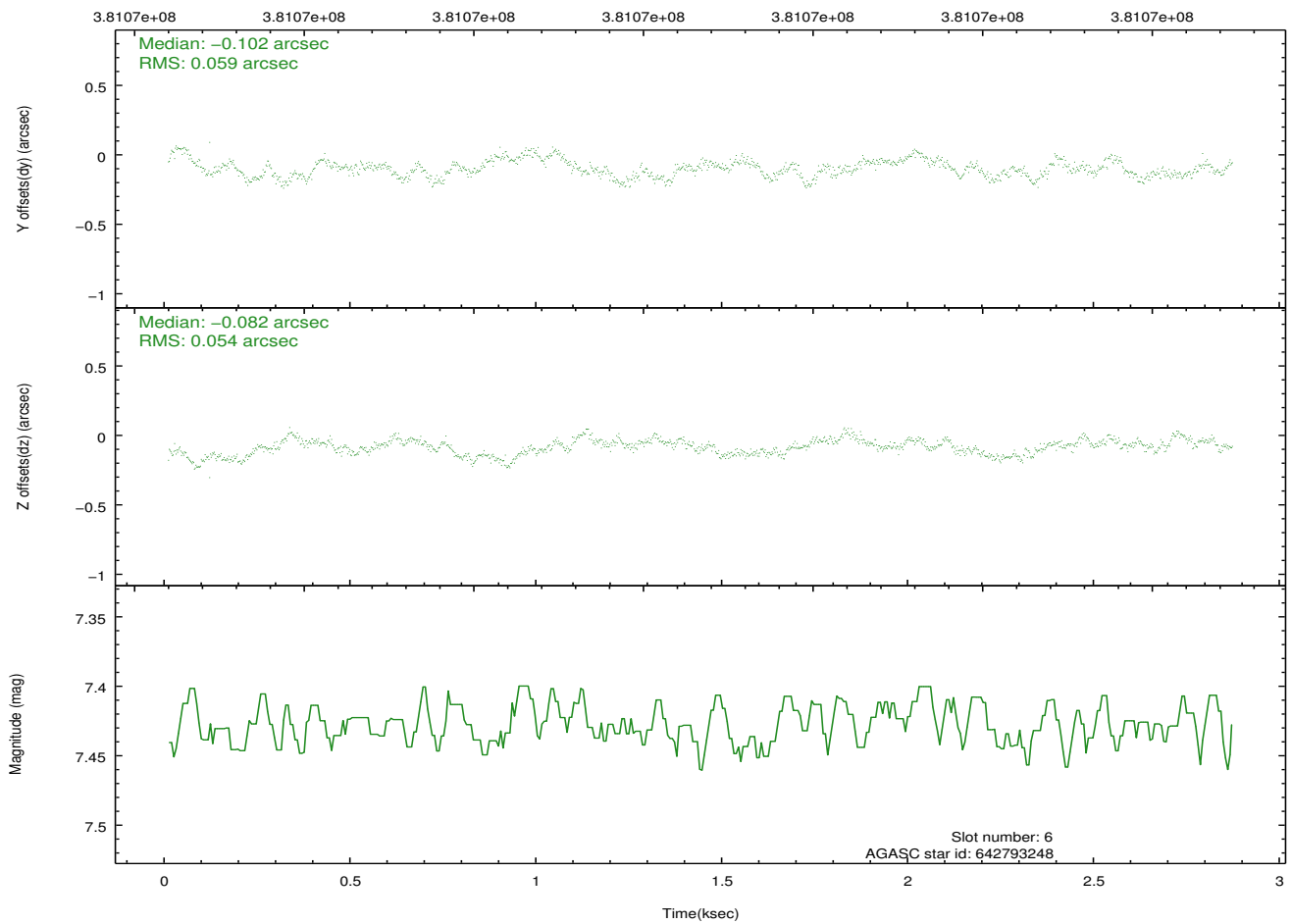
2.4.3 Slot 5



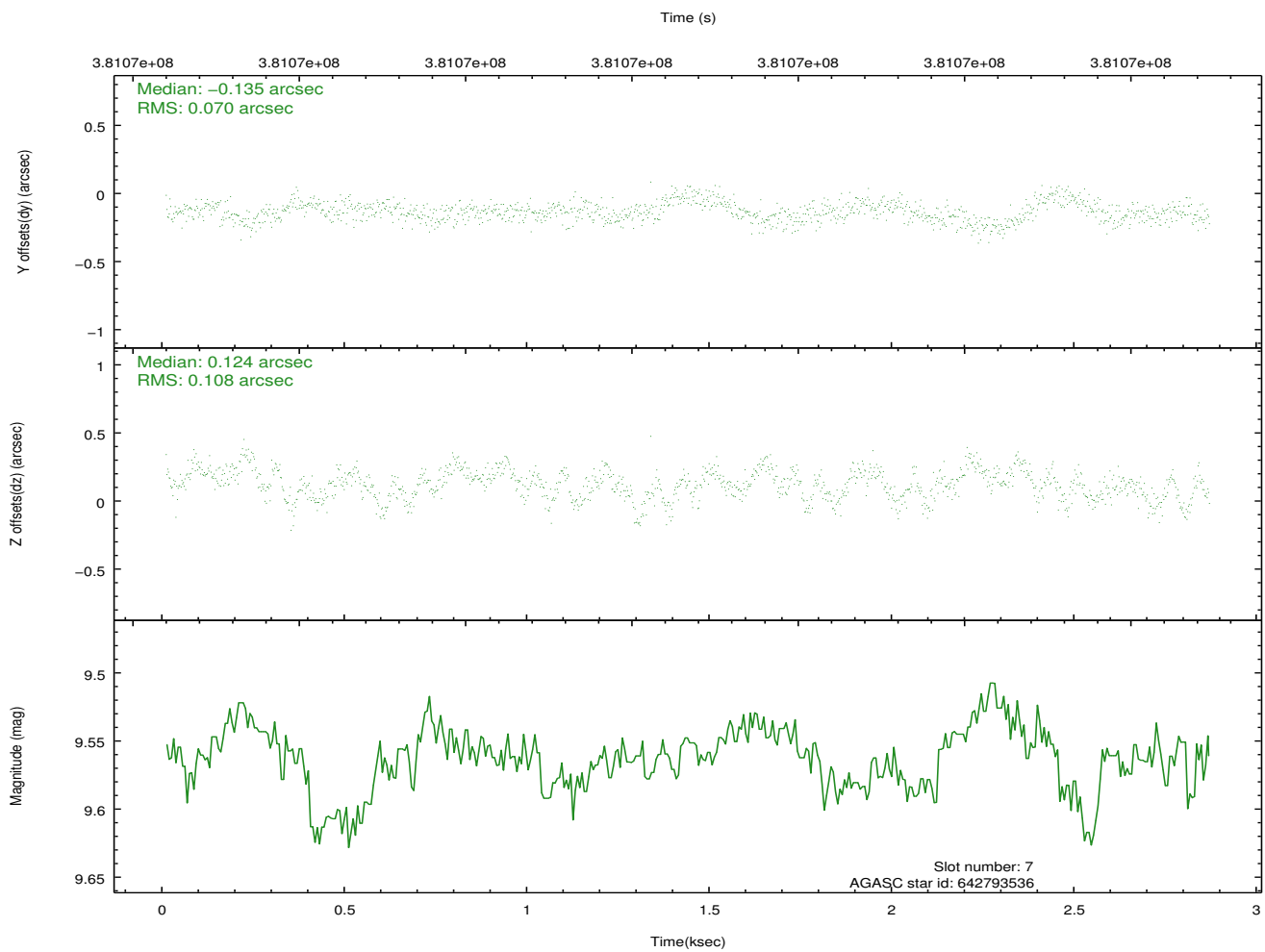
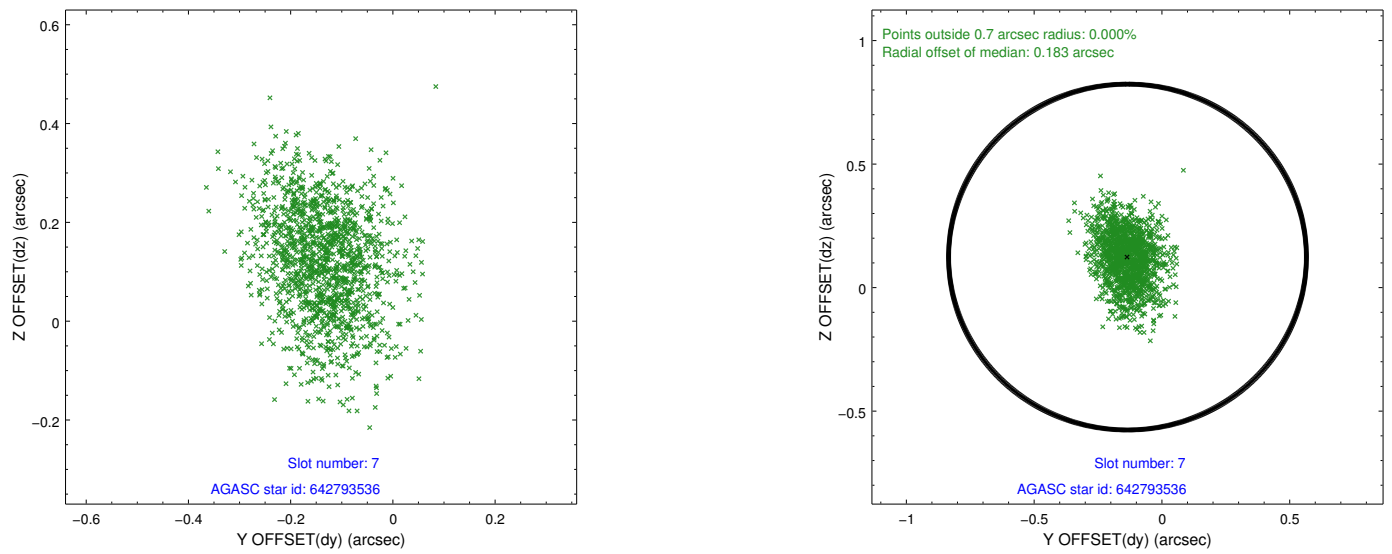
2.4.4 Slot 6



Time (s)

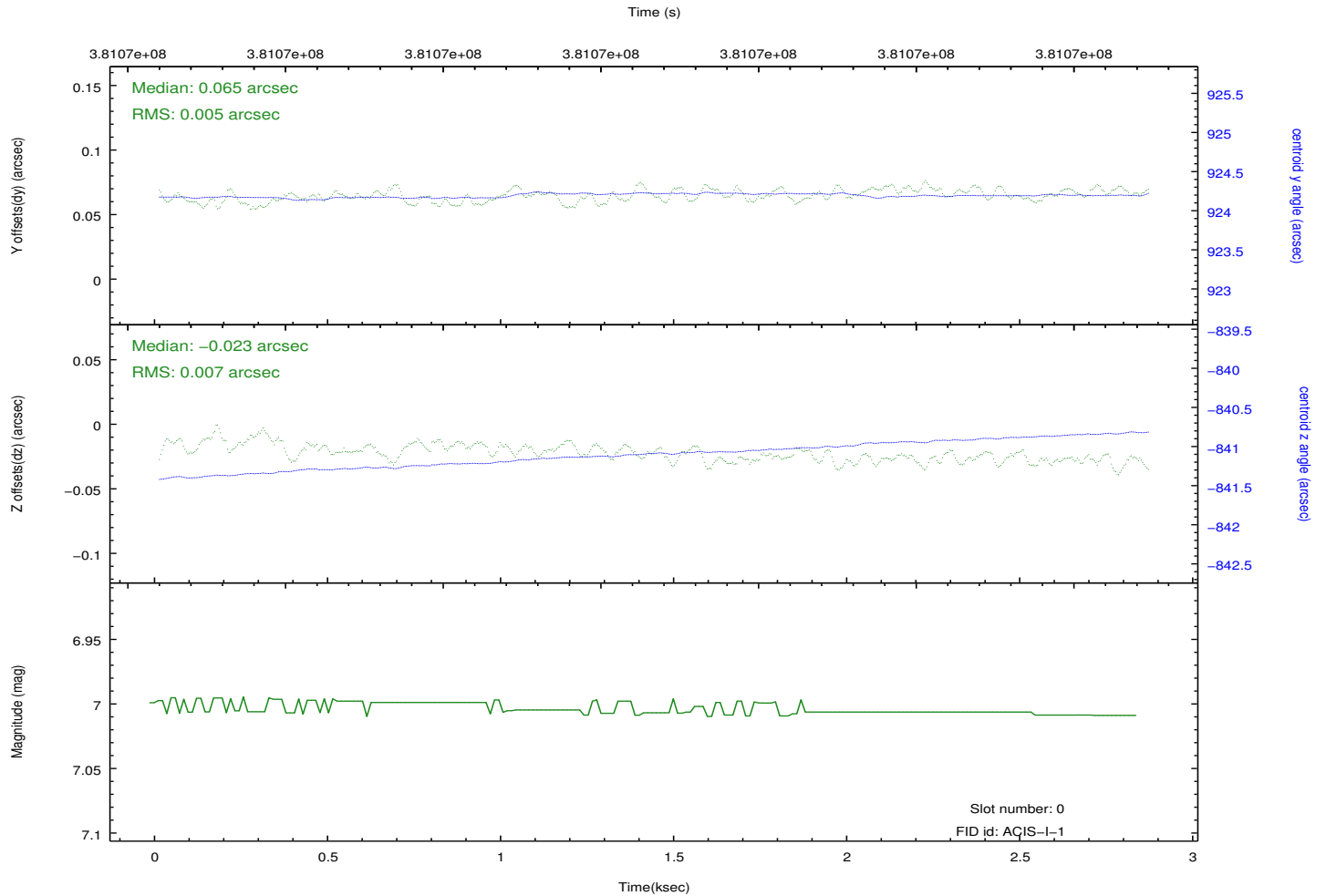
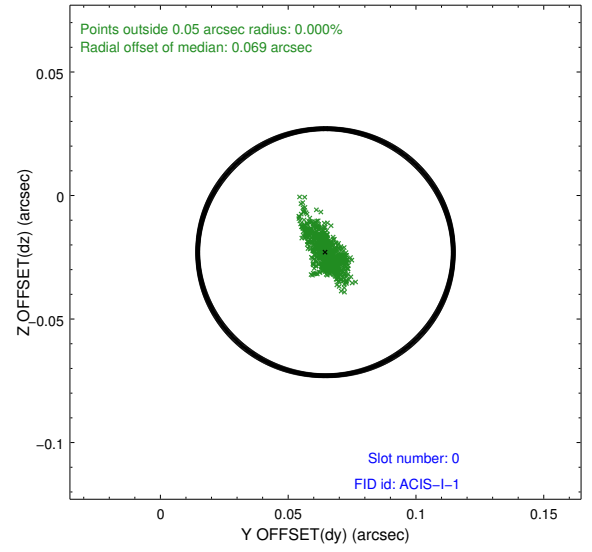
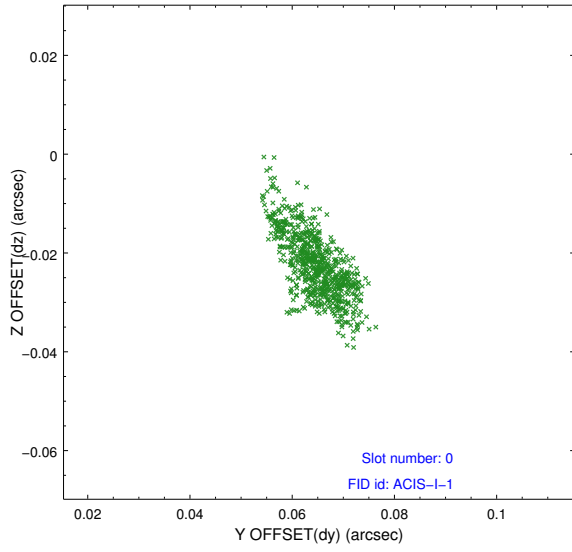


2.4.5 Slot 7

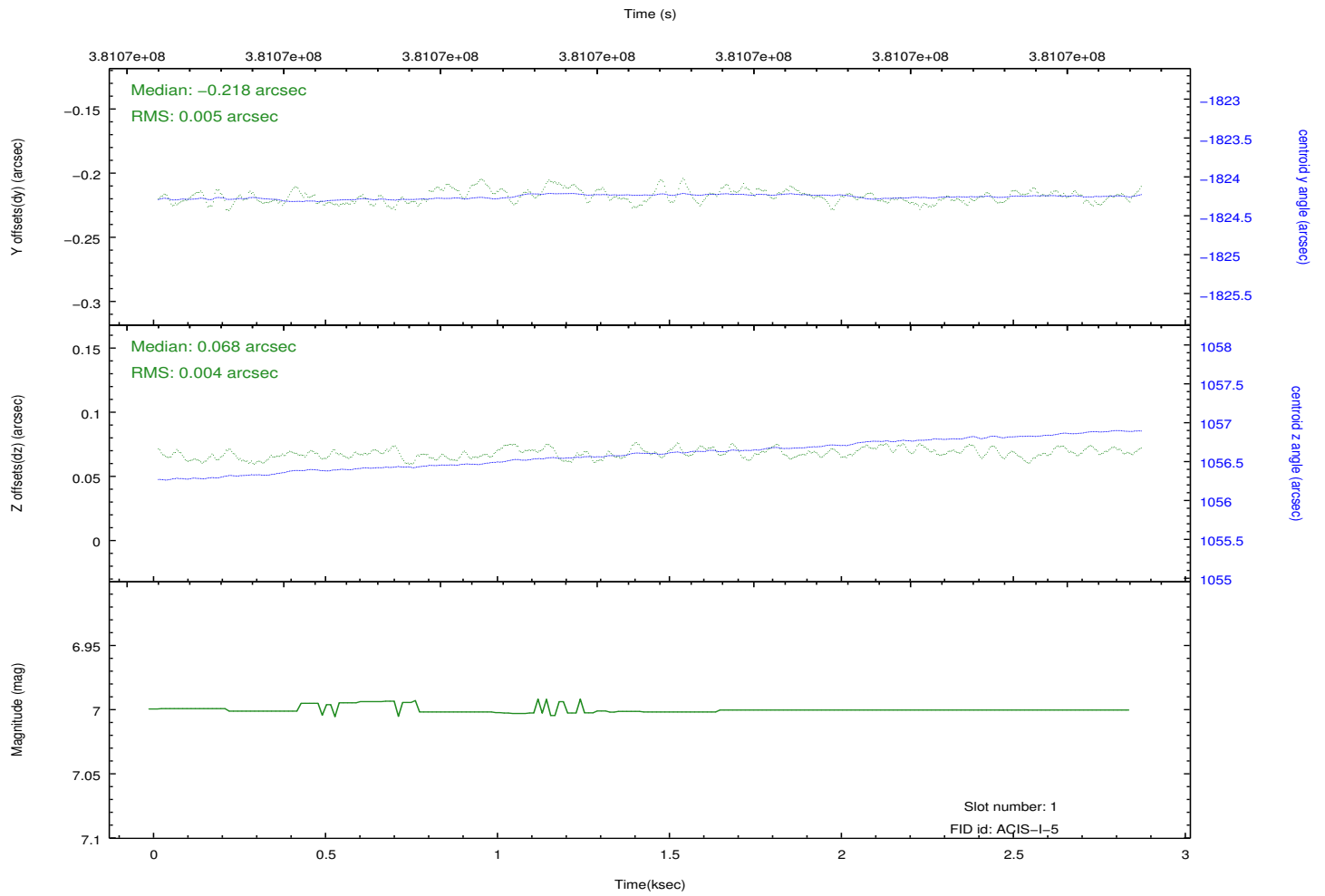
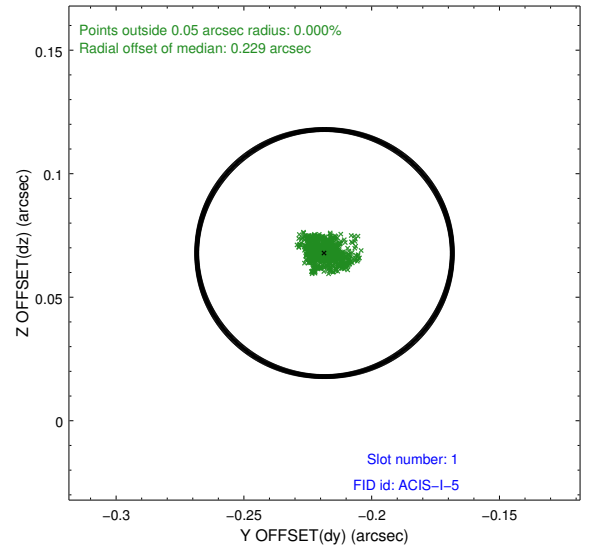
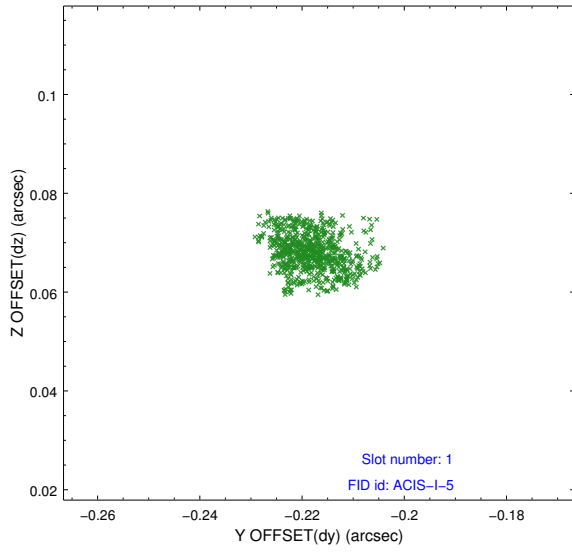


2.5 FID Slots

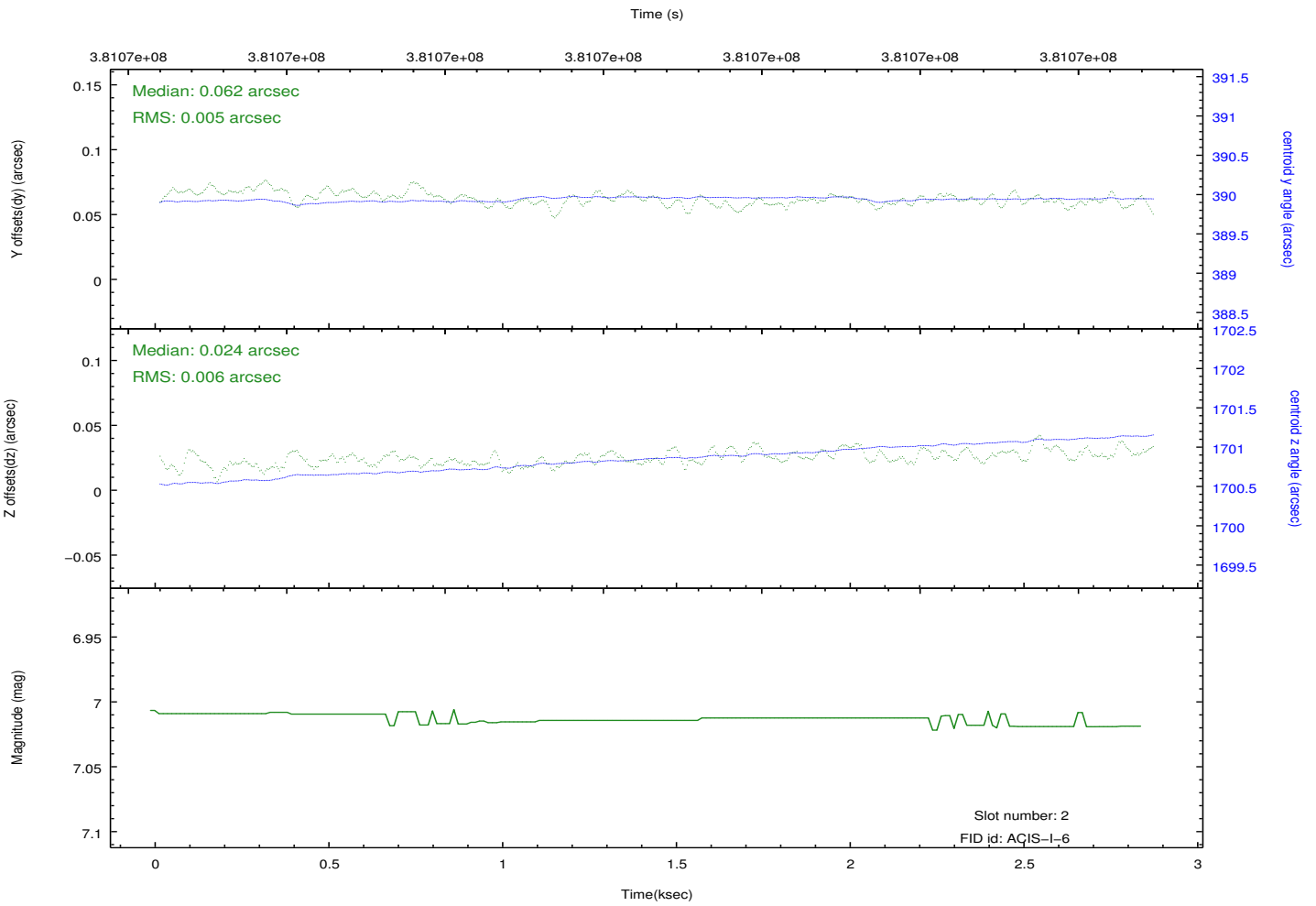
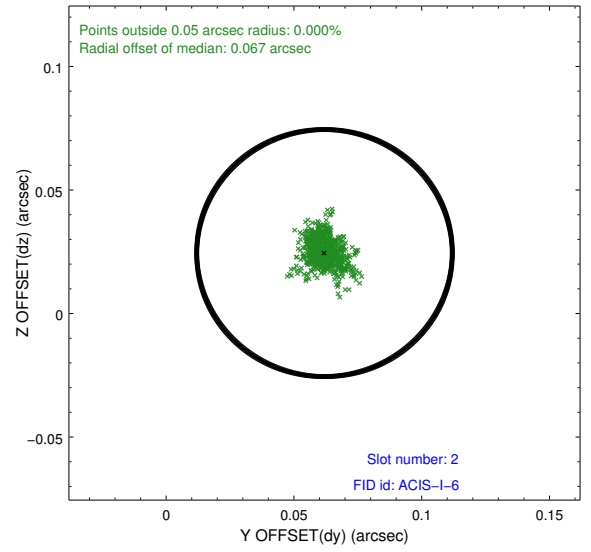
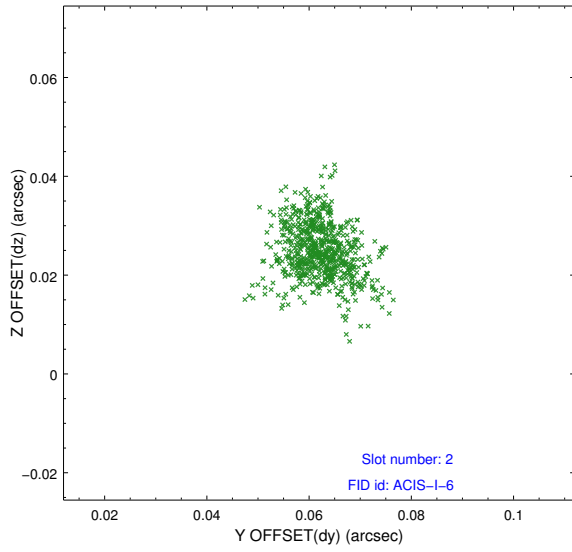
2.5.1 Slot 0



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)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.4675590386391

A.2 Comments