

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11635 - L2 Version 2
Chandra X-Ray Center

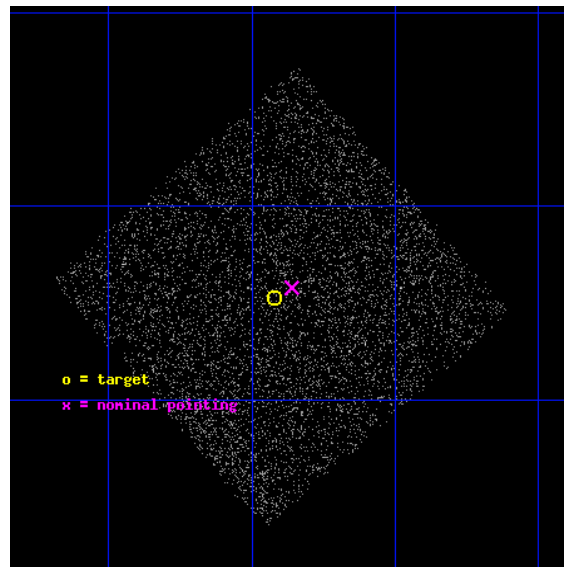
L2 Processing Date : Jun 20 2012

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1 Front

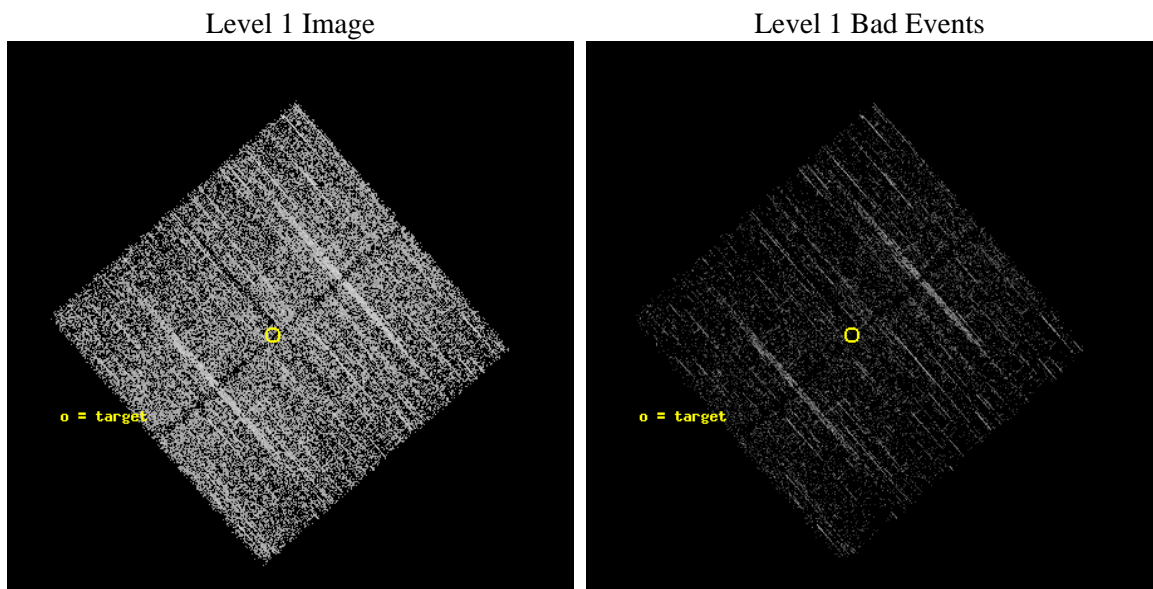
seq_num	702221	Sequence number
obs_id	11635	Observation id
title	AGN ignition in the galaxy group environment	Proposal title
observer	Dr. John Silverman	Principal investigator
object	2PIGG_m1320	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.480417	Observer's specified target RA [deg]
dec_targ	-1.411583	Observer's specified target Dec [deg]
ra_nom	154.46533028042	Nominal RA [deg]
dec_nom	-1.4035588576646	Nominal Dec [deg]
roll_nom	49.009067489308	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2472.2899238467	Sum of GTIs [s]
livetime	2439.9876359183	Livetime [s]
ontime0	2472.2488838434	Sum of GTIs [s]
ontime1	2472.2899238467	Sum of GTIs [s]
ontime2	2472.33096385	Sum of GTIs [s]
ontime3	2472.3720038533	Sum of GTIs [s]
l2events	7457	Number of level 2 events



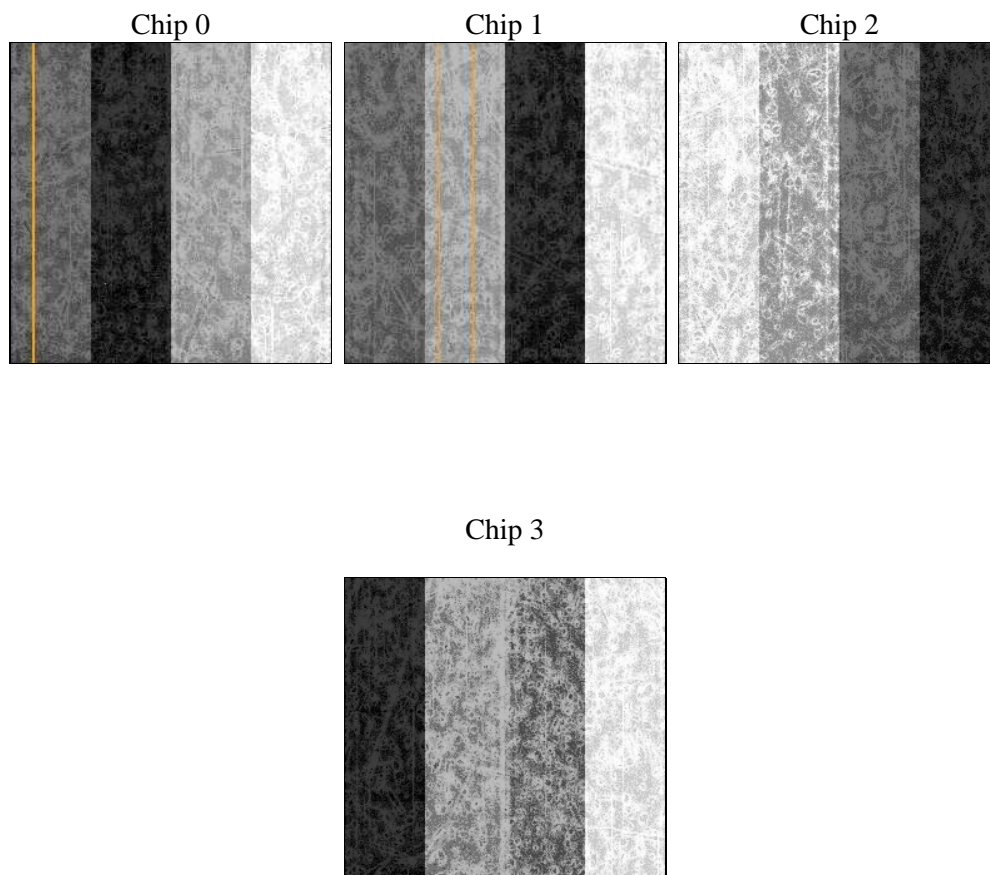
2 OBI

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	2472.2899238467	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	2472.2488838434	Sum of GTIs [s]
date	2012-06-20T11:59:41	Date and time of file creation	ontime1	2472.2899238467	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2472.33096385	Sum of GTIs [s]
			ontime3	2472.3720038533	Sum of GTIs [s]
			l1events	81344	Number of level 1 events

2.1.4 Events

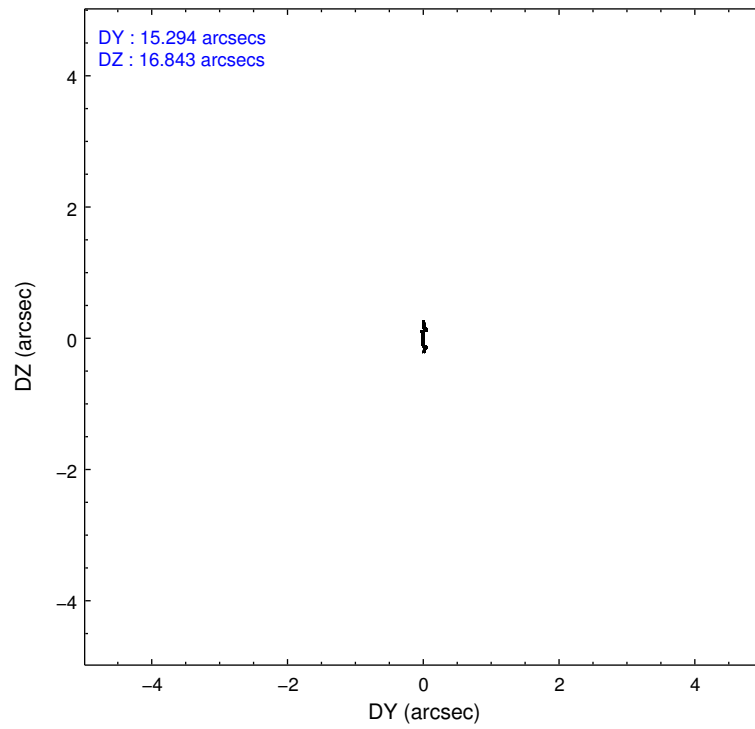
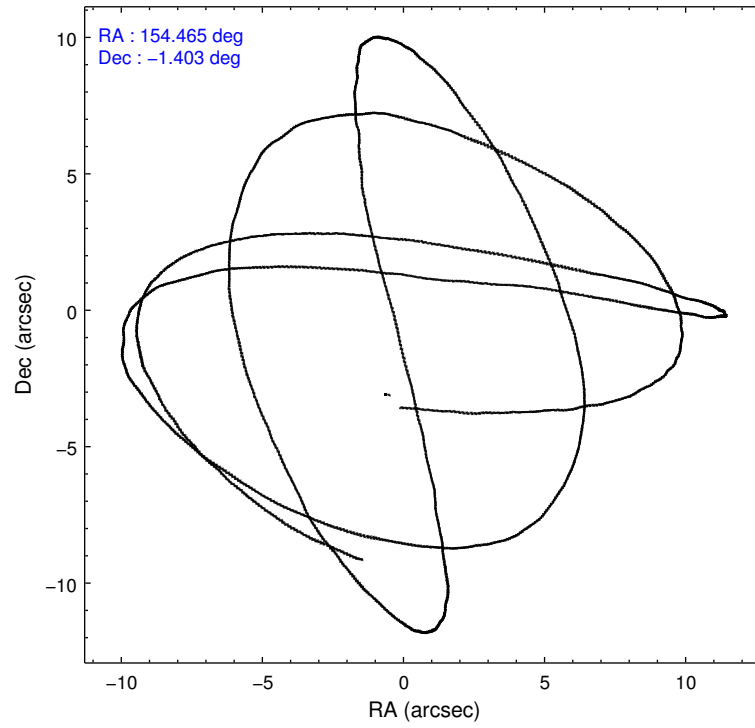
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	18879	19883	21683	20899
rejected events	16715	17385	19514	18765
rejected %	88%	87%	89%	89%

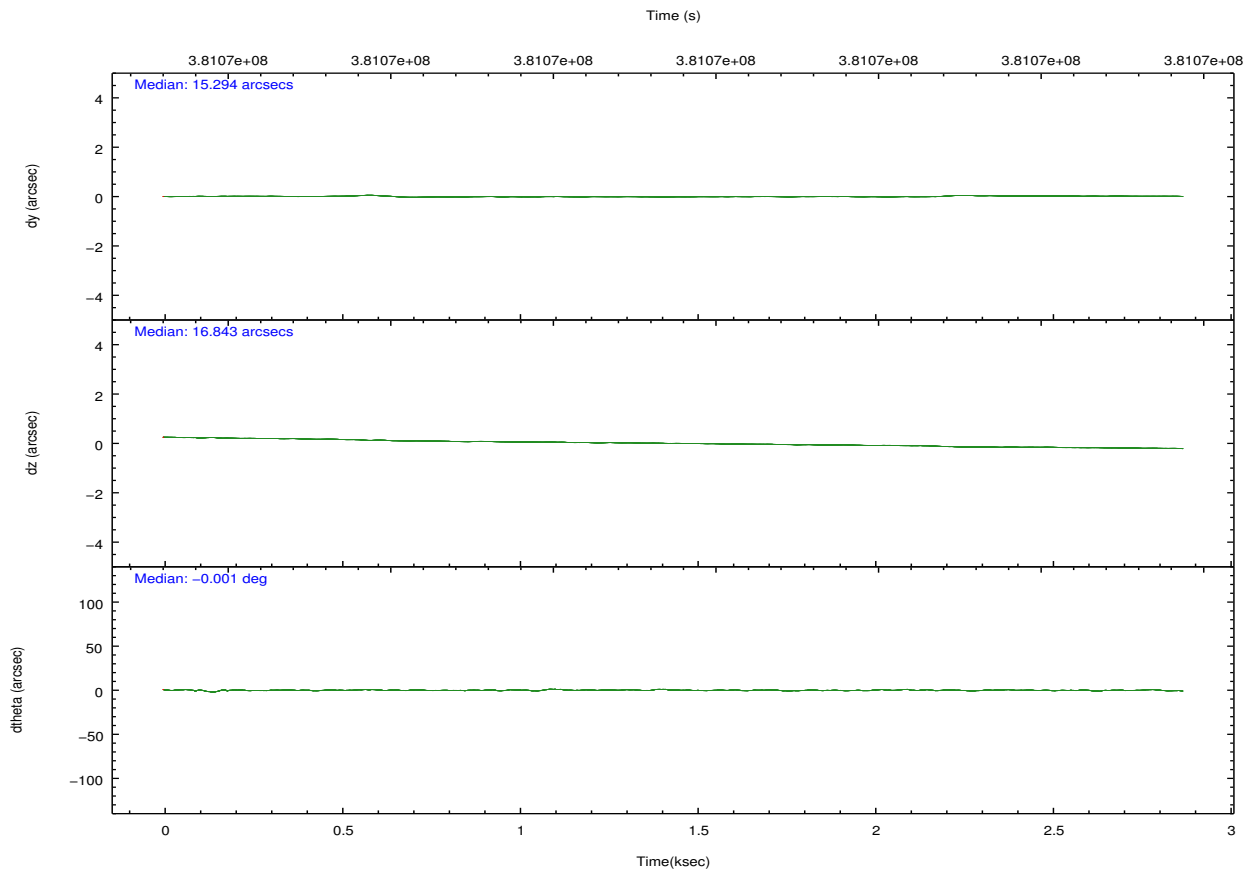
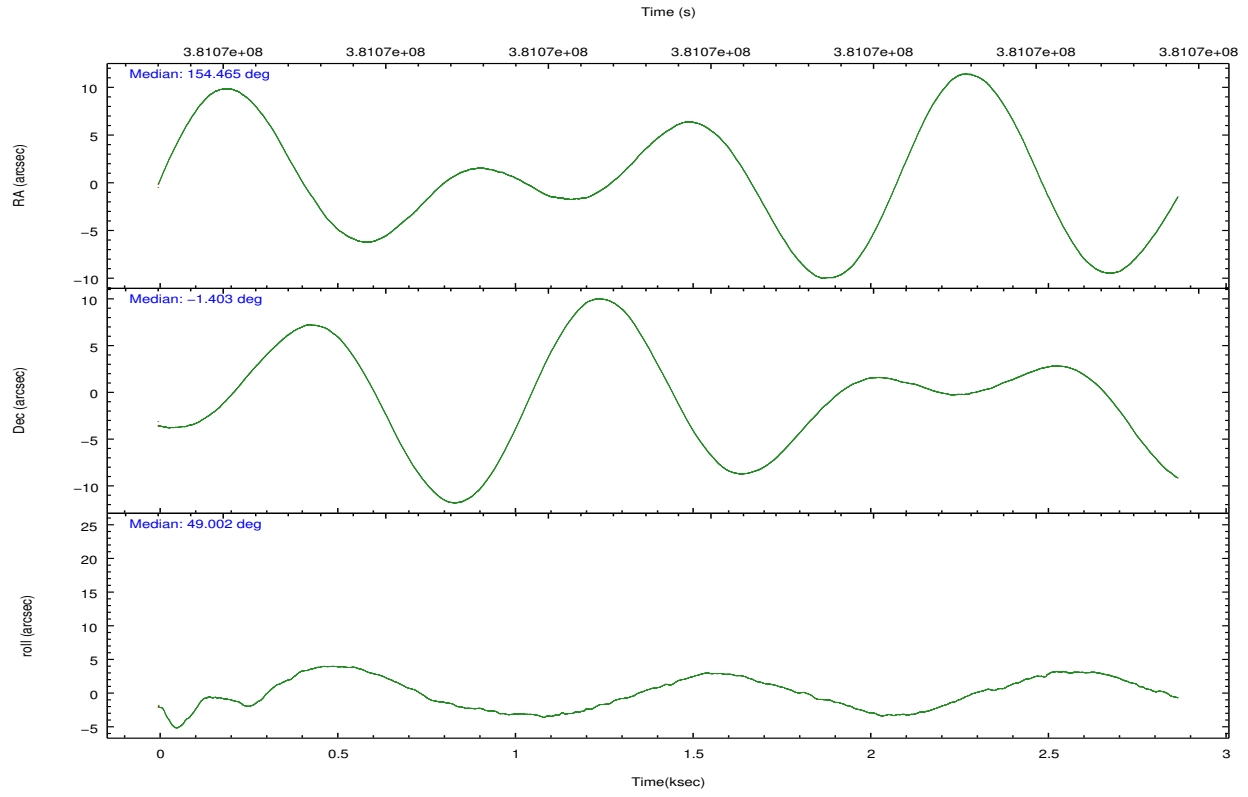
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	760	876	812	815
	4%	4%	3%	3%
grade 1 events	7	13	15	15
	0%	0%	0%	0%
grade 2 events	542	619	537	450
	2%	3%	2%	2%
grade 3 events	225	245	212	230
	1%	1%	0%	1%
grade 4 events	225	237	209	225
	1%	1%	0%	1%
grade 5 events	769	853	712	915
	4%	4%	3%	4%
grade 6 events	415	524	401	419
	2%	2%	1%	2%
grade 7 events	15936	16516	18785	17830
	84%	83%	86%	85%

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	154.460184	154.4653302804221	Subarray requested	NONE	NONE
[deg] Pointing Dec	-1.430637	-1.403558857664647	Alternating exposures requested	N	N
[deg] Pointing Roll	48.800223	49.00906748930772	[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)	381069112.184000	381068736.532			
Observation start date	2010-01-28T12:30:46	2010-01-28T12:25:36			
[s] Observation end time (MET)	381071792.184000	381071926.33216			
Observation end date	2010-01-28T13:15:26	2010-01-28T13:18:46			
Read mode	TIMED	TIMED			

2.3 Aspect



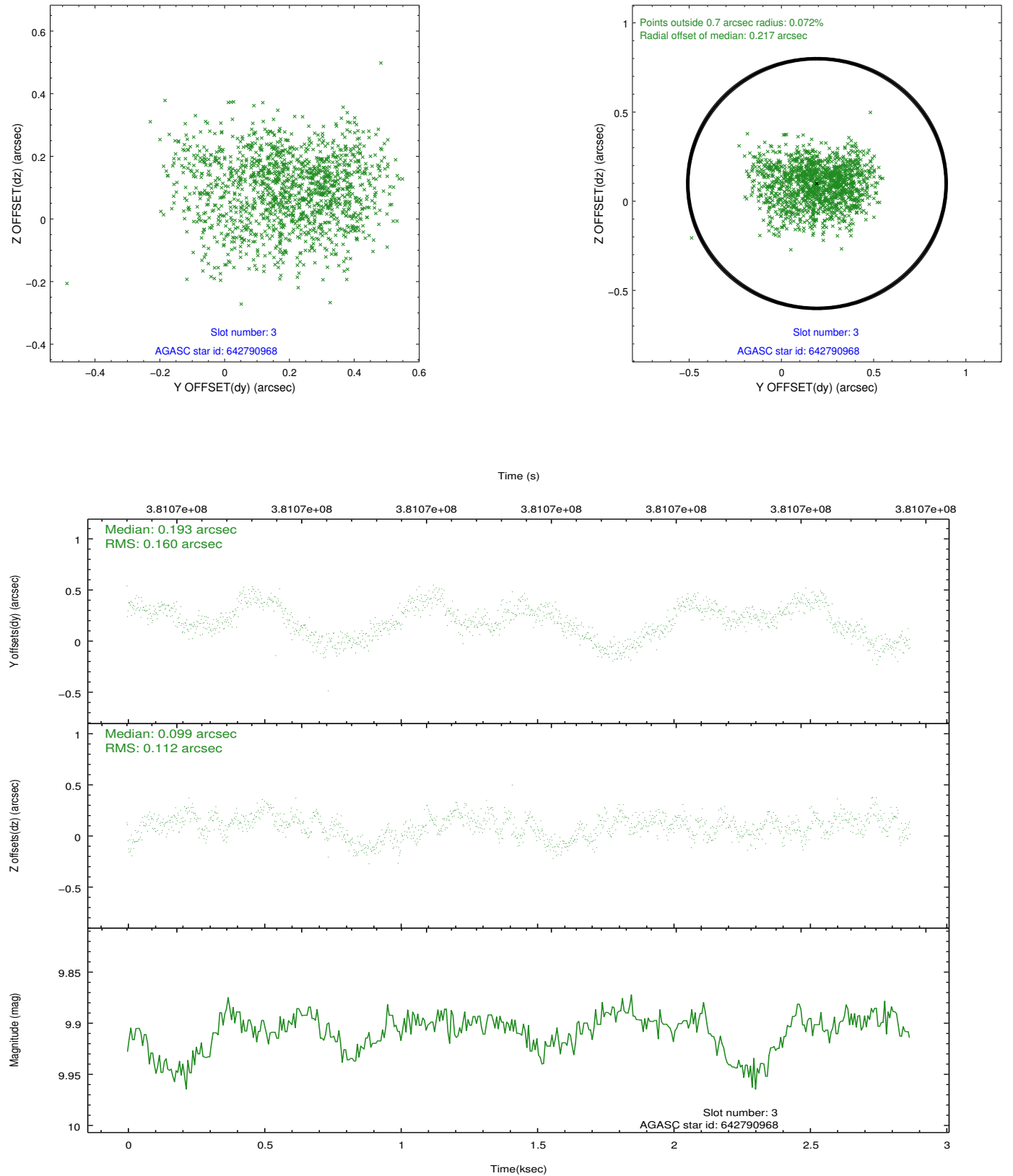


Slot Statistics

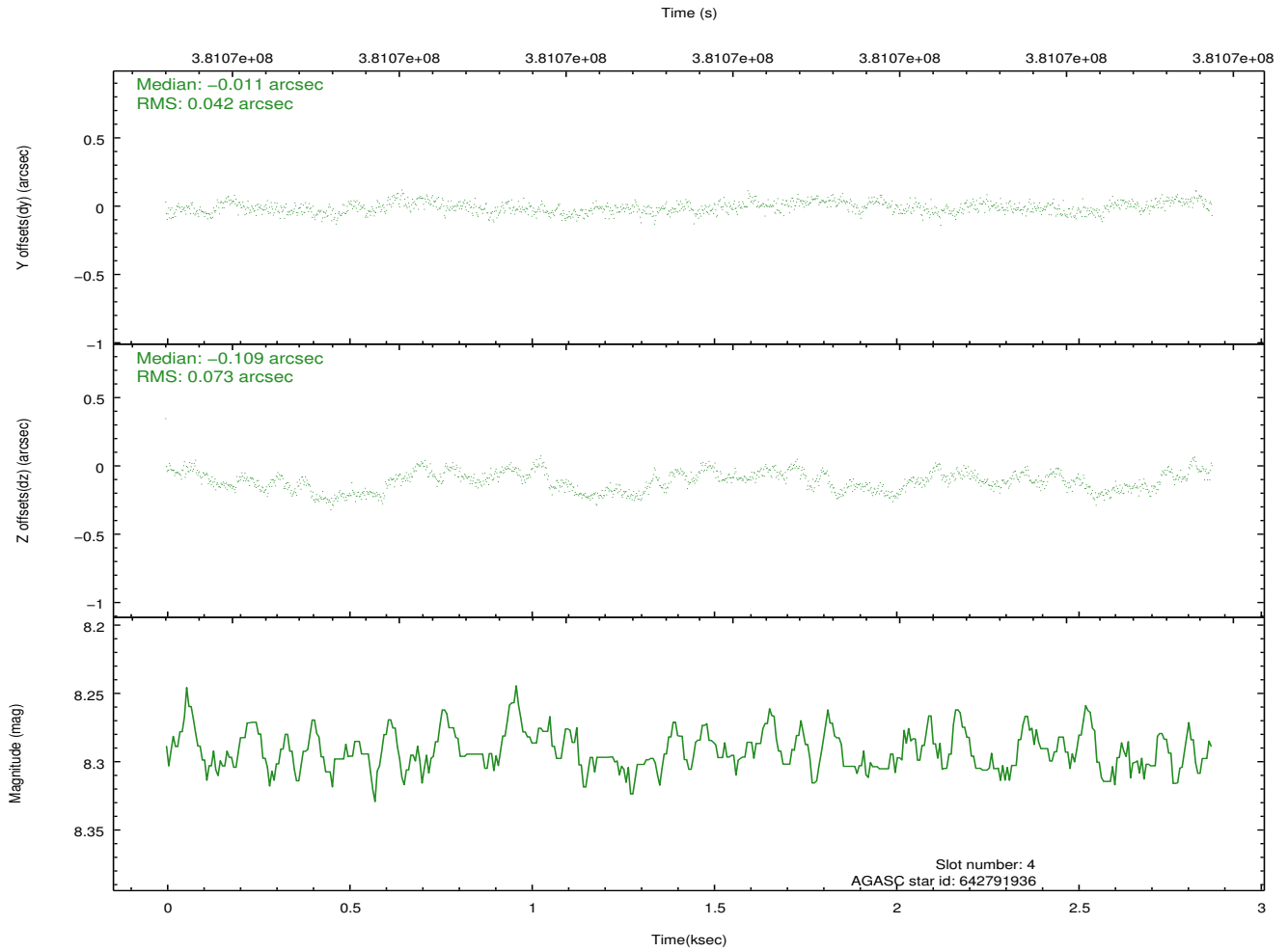
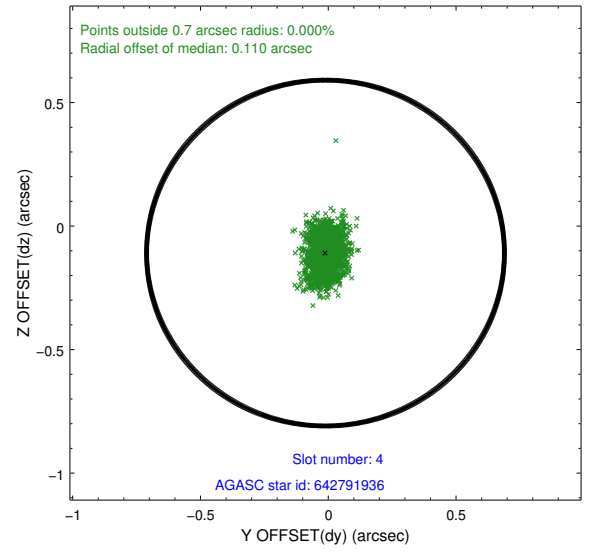
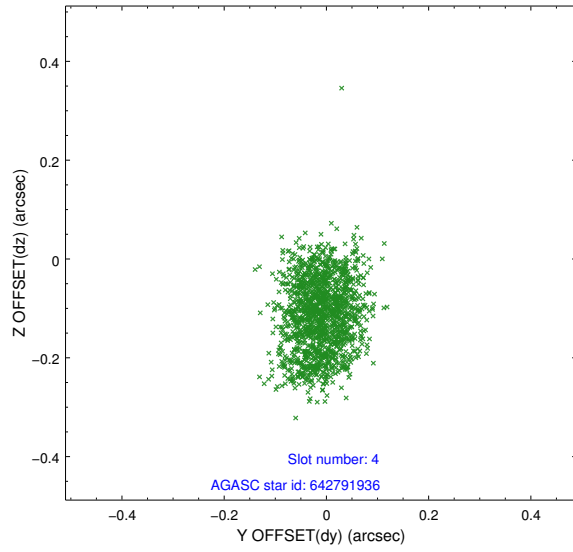
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.01	701	0.074	-0.046	0.006	0.011	0.000000	0.000000	924.21	-840.56
1	FID	ACIS-I-5	7.00	701	-0.227	0.071	0.006	0.010	0.000000	0.000000	-1822.93	1055.98
2	FID	ACIS-I-6	7.02	701	0.061	0.047	0.008	0.012	0.000000	0.000000	387.36	1702.94
3	GUIDE	642790968	9.91	1397	0.193	0.099	0.214	0.327	154.507380	-1.925543	-1228.74	-1300.57
4	GUIDE	642791936	8.29	1401	-0.011	-0.109	0.091	0.139	154.566371	-1.244519	754.75	153.02
5	GUIDE	642792120	8.96	1400	0.034	-0.006	0.105	0.161	154.232708	-1.417096	-502.21	648.37
6	GUIDE	642793248	7.43	1401	-0.098	-0.087	0.092	0.138	154.033010	-1.597799	-1466.10	760.61
7	GUIDE	642793536	9.56	1400	-0.131	0.123	0.134	0.219	154.979446	-1.737519	398.56	-2132.91

2.4 Star Slots

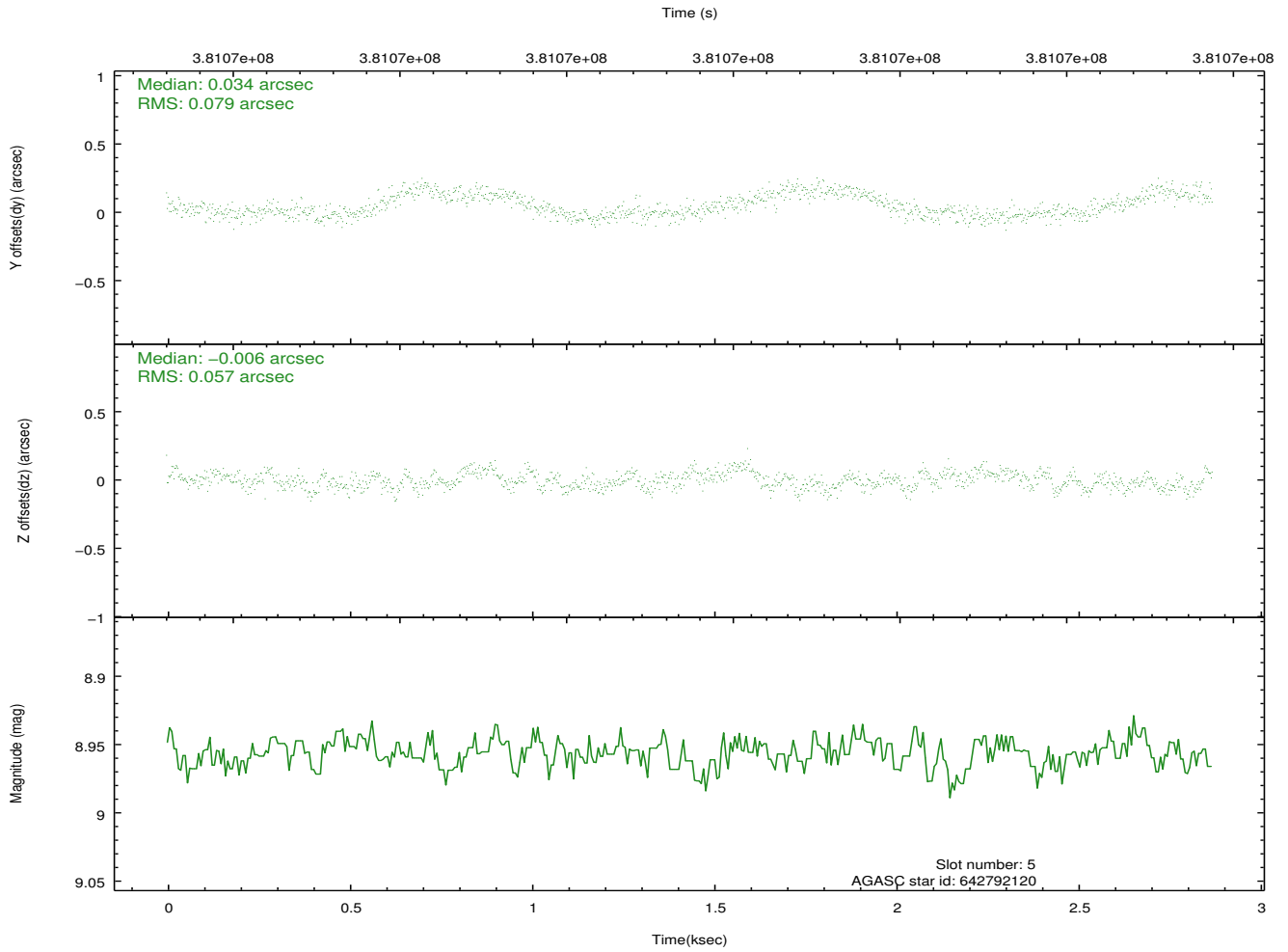
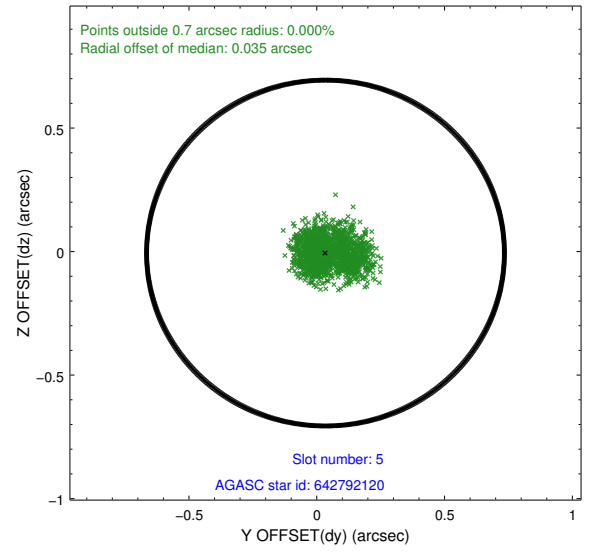
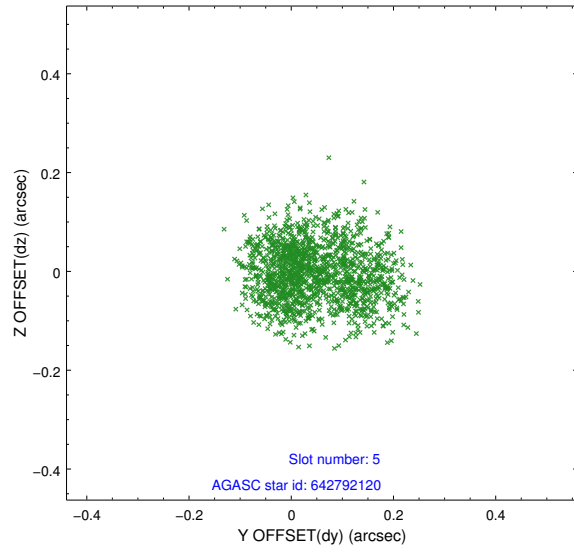
2.4.1 Slot 3



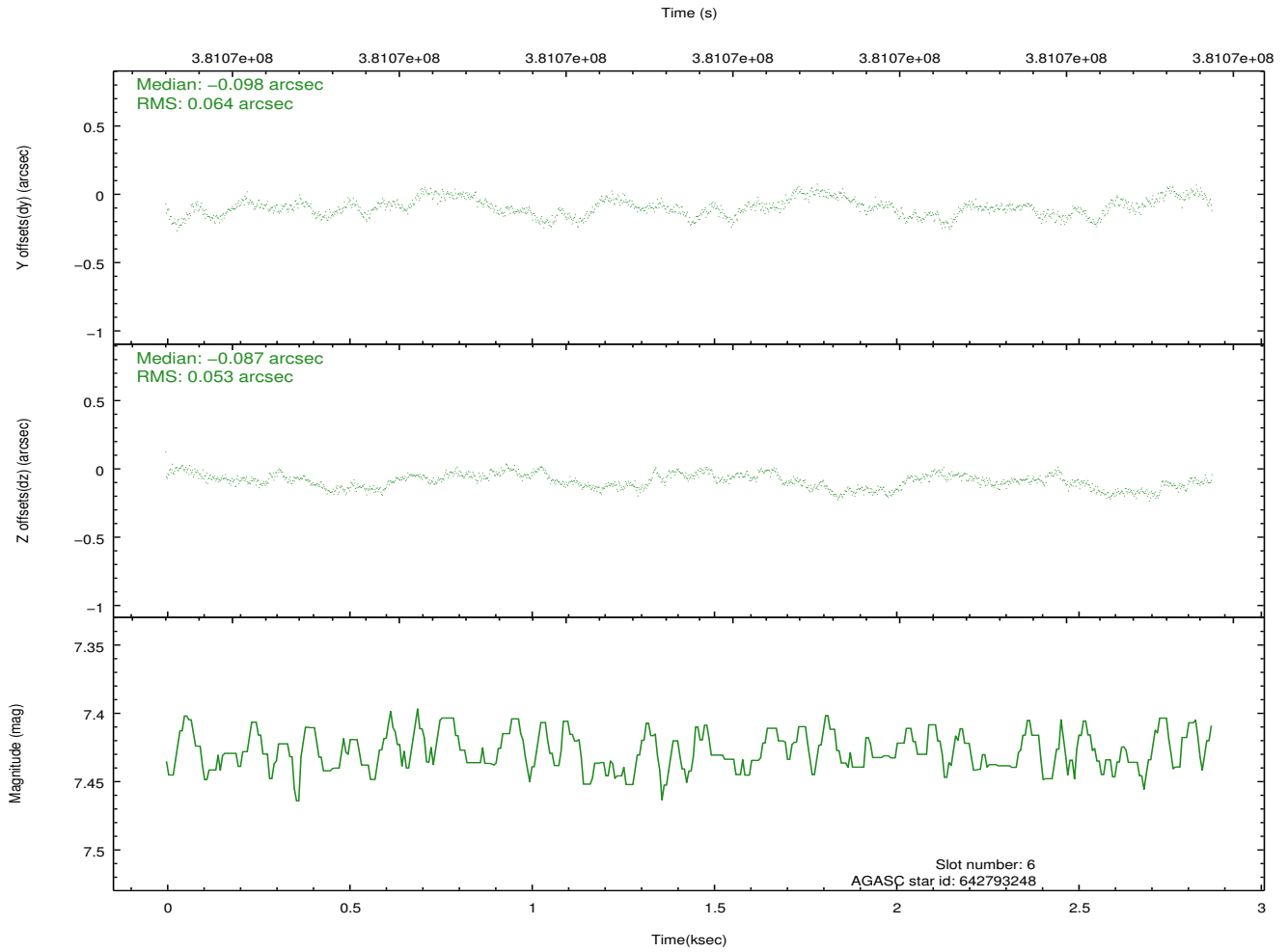
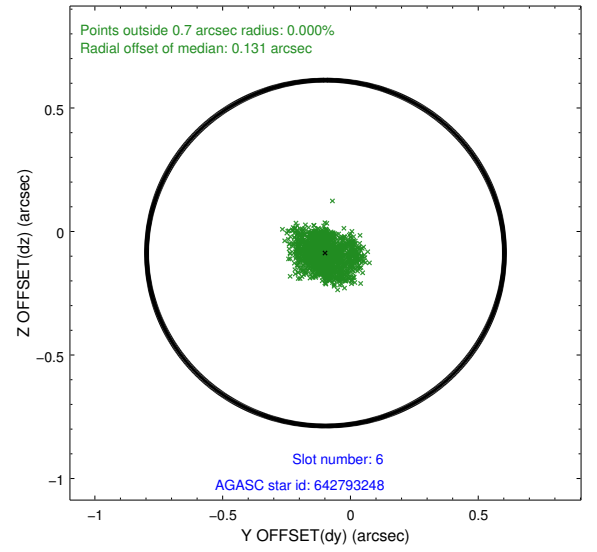
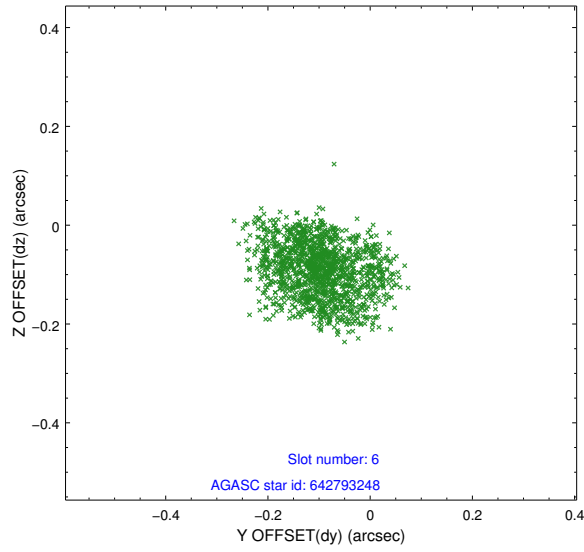
2.4.2 Slot 4



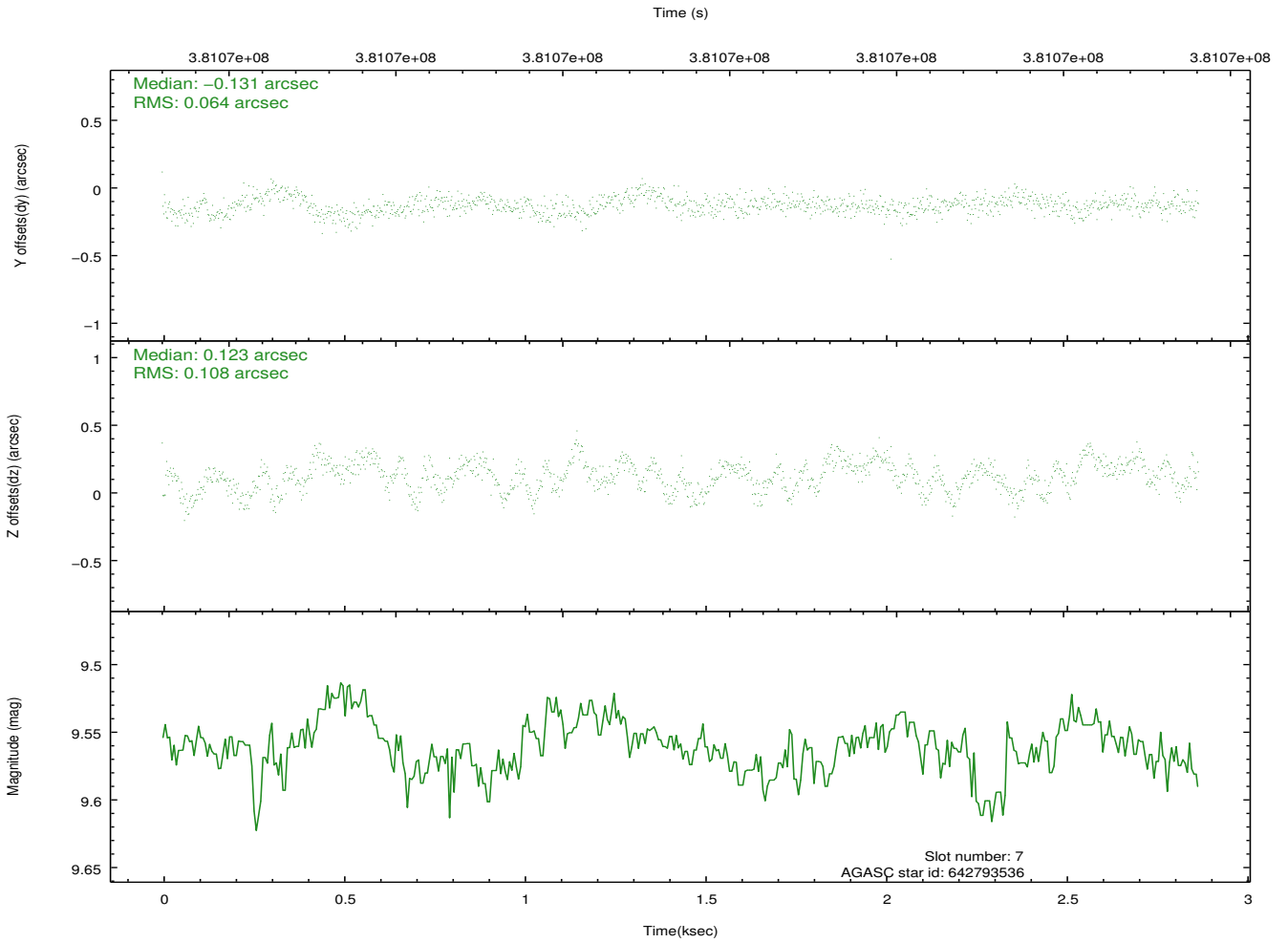
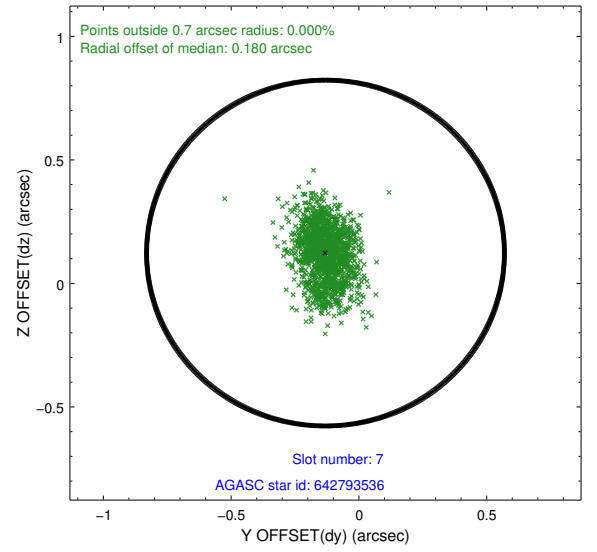
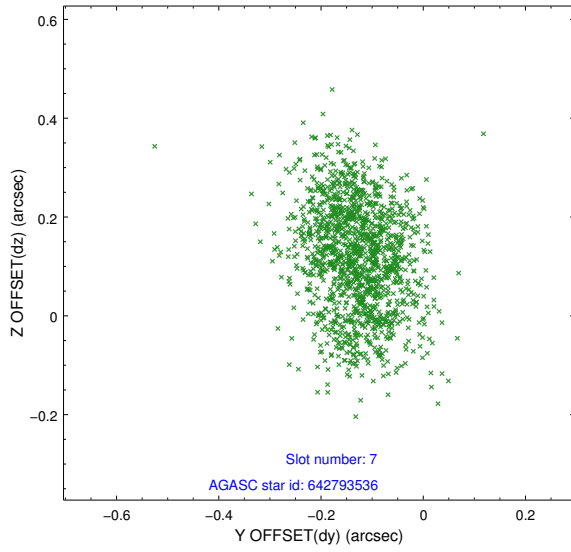
2.4.3 Slot 5



2.4.4 Slot 6

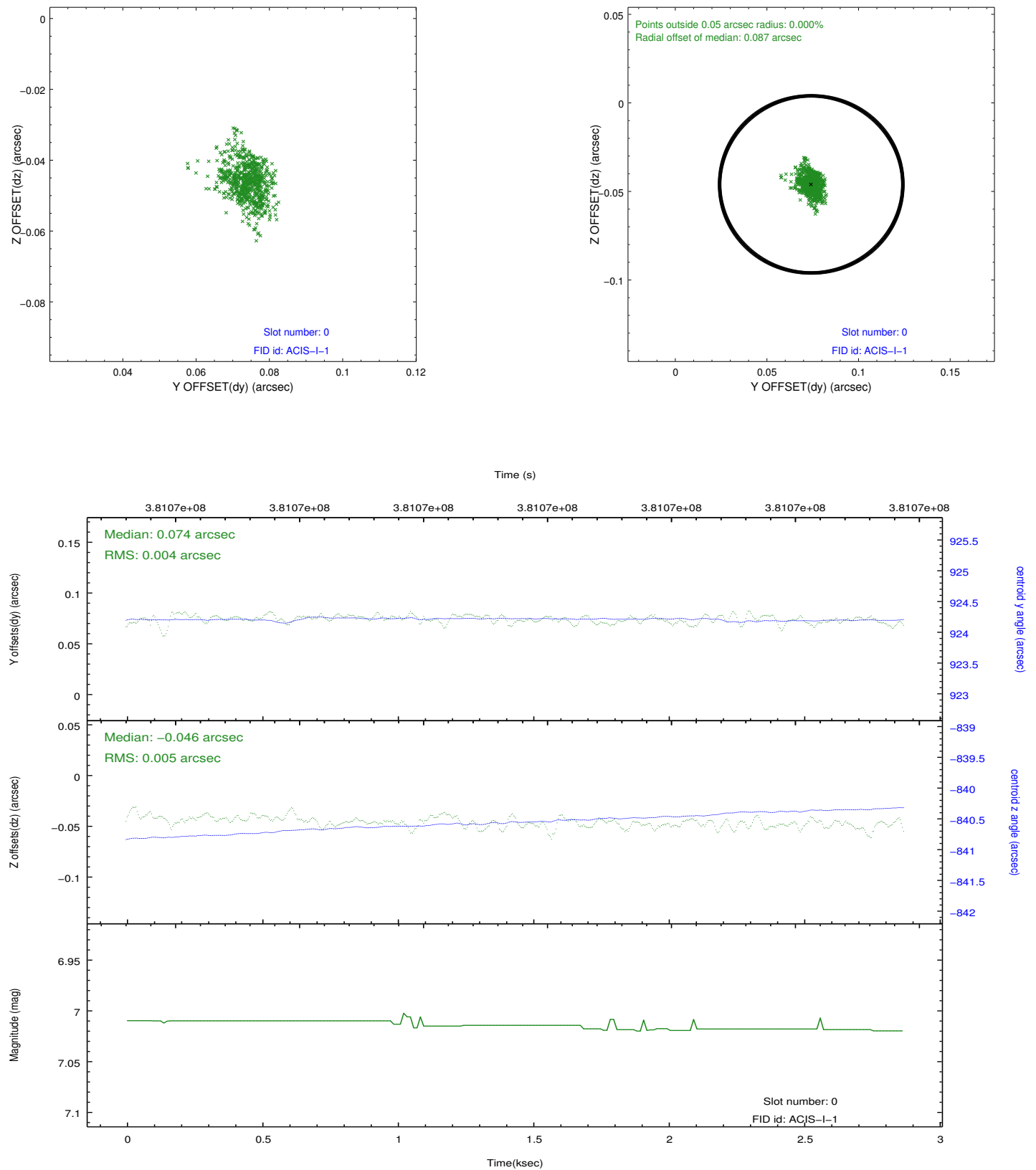


2.4.5 Slot 7

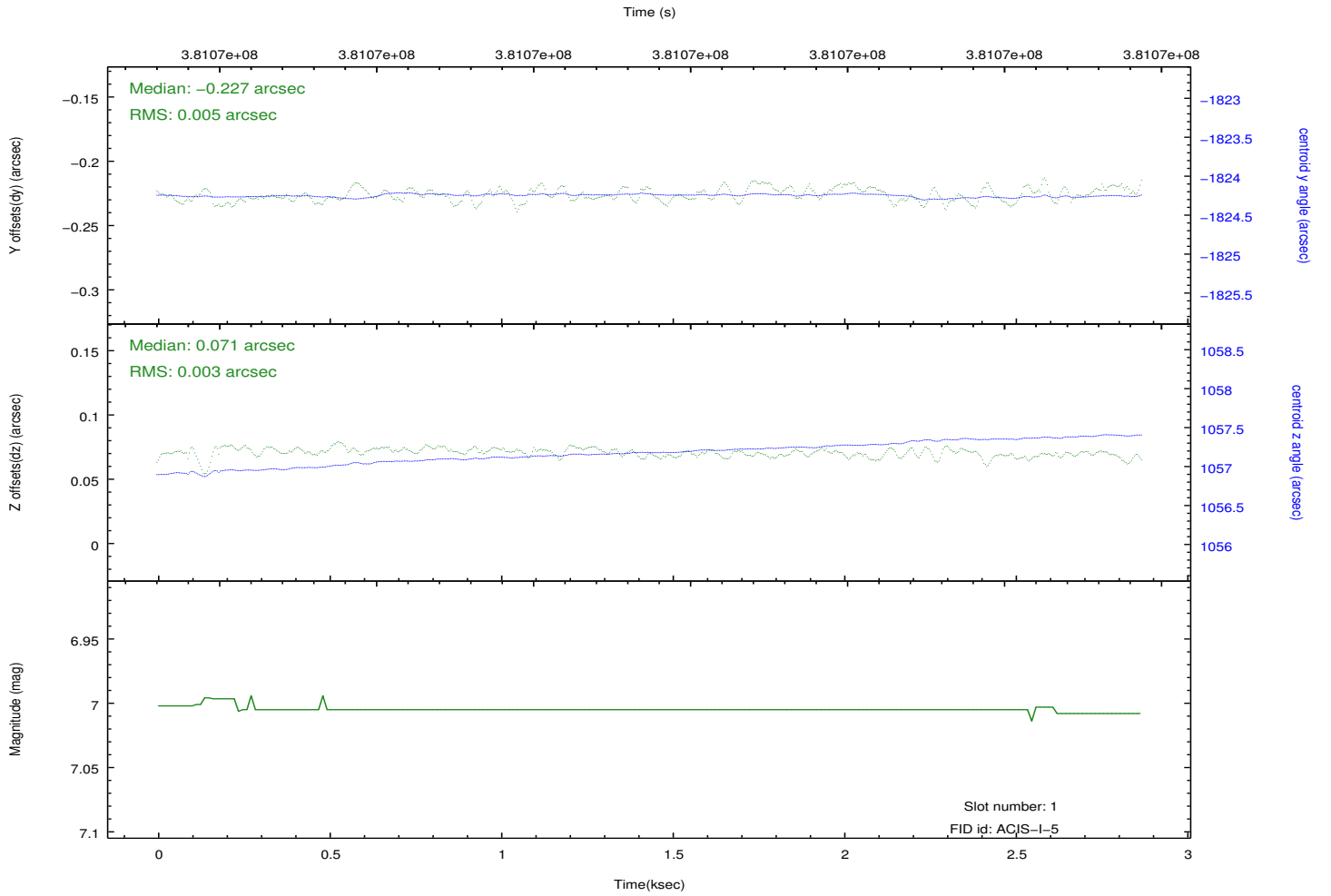
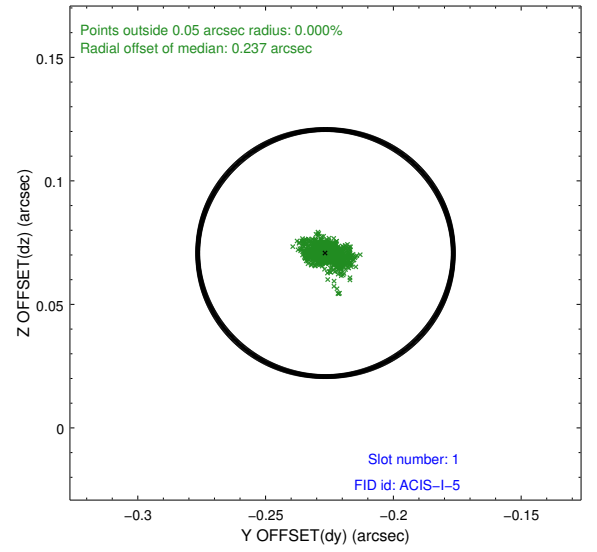
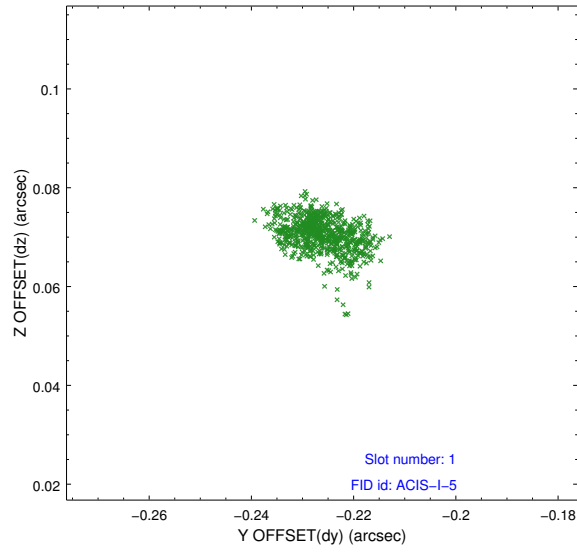


2.5 FID Slots

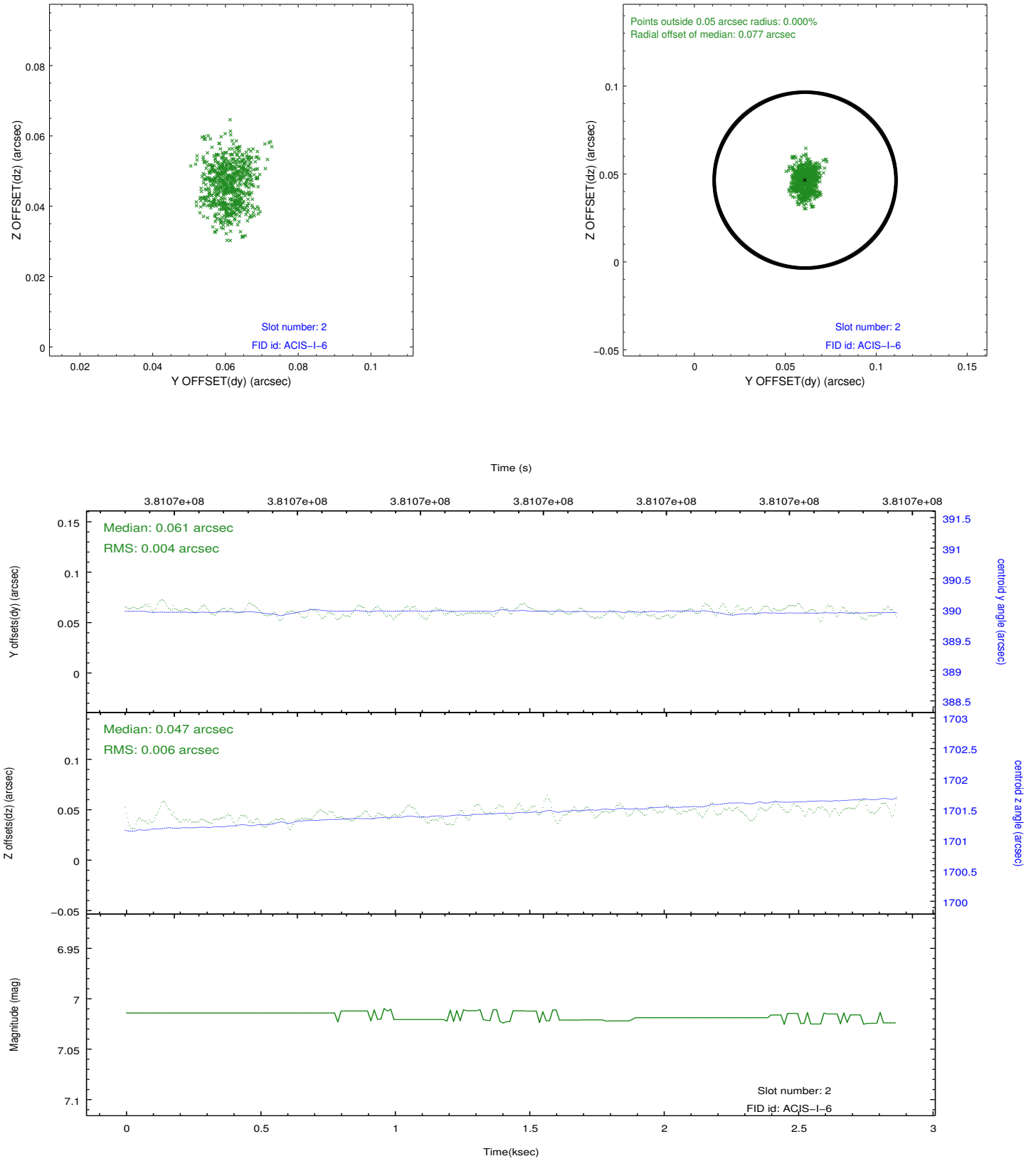
2.5.1 Slot 0



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)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.4722899217606

A.2 Comments