

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13573 - L2 Version 2
Chandra X-Ray Center

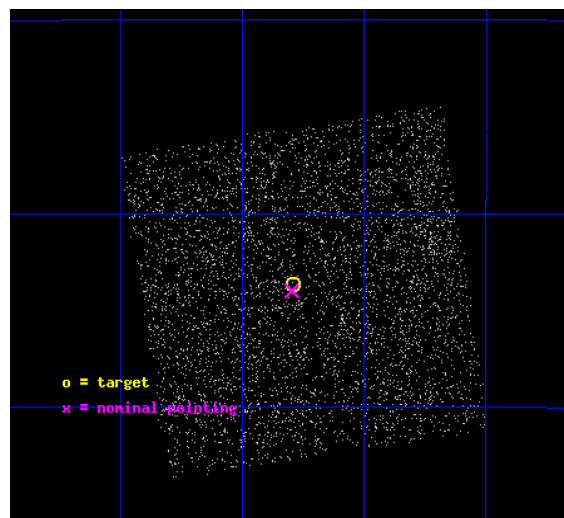
L2 Processing Date : Feb 25 2012

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1 Front

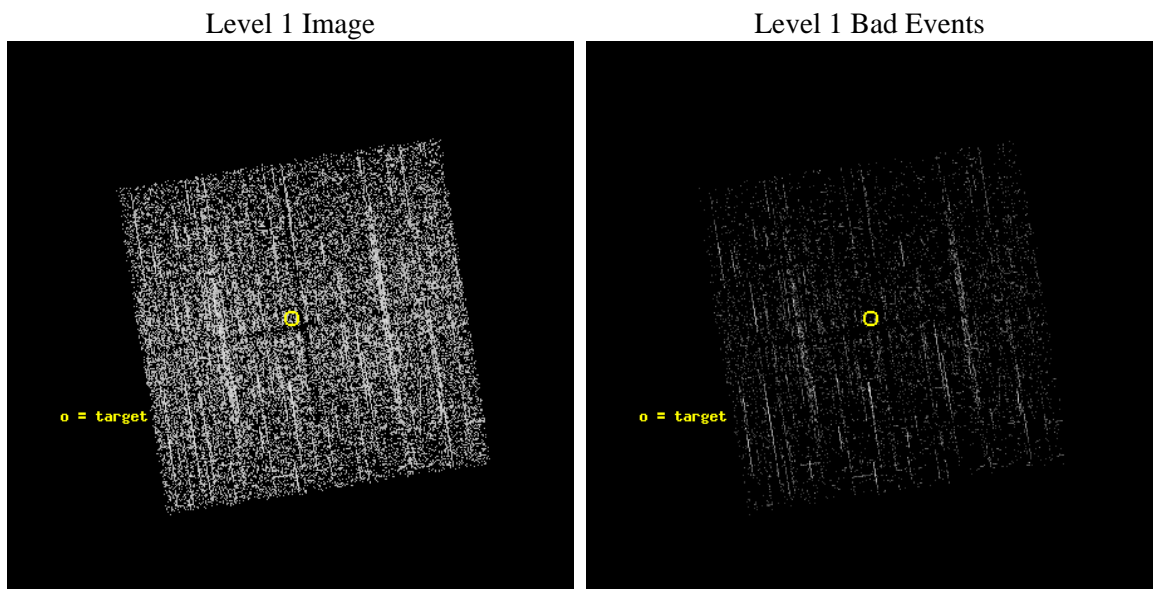
seq_num	401349	Sequence number
obs_id	13573	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.072653	Observer's specified target RA [deg]
dec_targ	-31.894175	Observer's specified target Dec [deg]
ra_nom	266.07445103892	Nominal RA [deg]
dec_nom	-31.899881602916	Nominal Dec [deg]
roll_nom	260.97276435451	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1971.6000151634	Sum of GTIs [s]
livetime	1945.8396094945	Livetime [s]
ontime0	1971.6000151634	Sum of GTIs [s]
ontime1	1971.6000151634	Sum of GTIs [s]
ontime2	1971.6000151634	Sum of GTIs [s]
ontime3	1971.6000151634	Sum of GTIs [s]
l2events	5028	Number of level 2 events



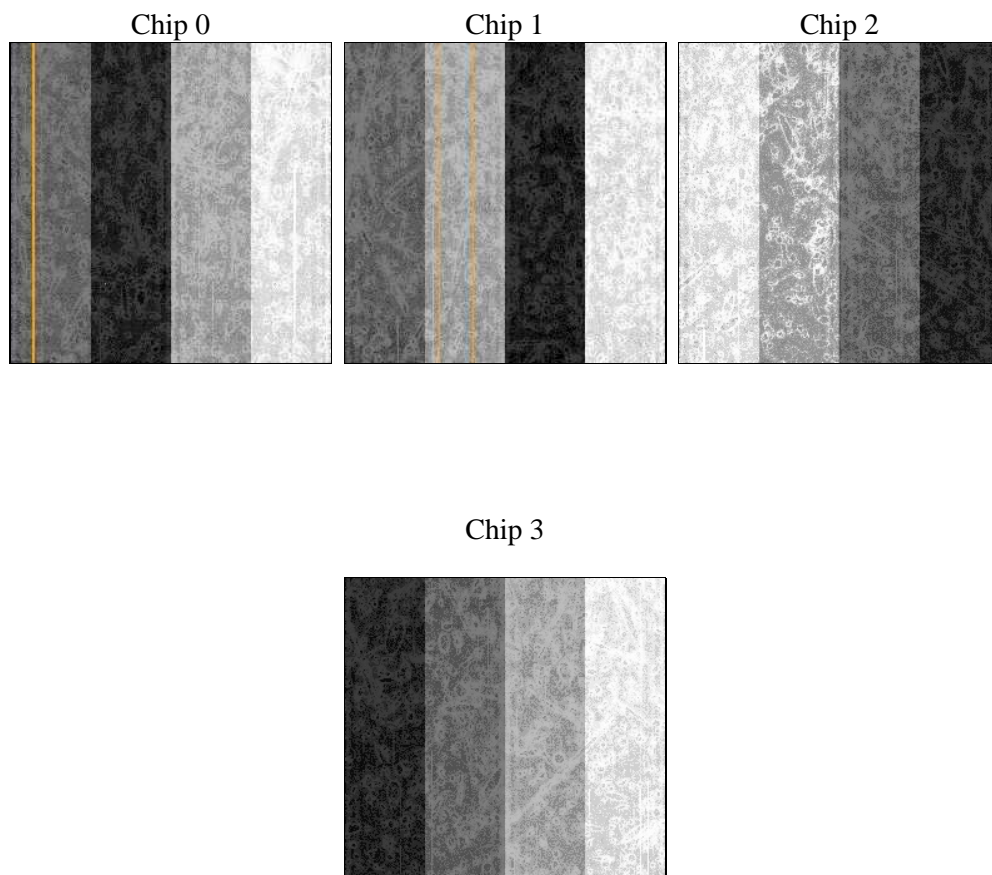
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1971.6000151634	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	1971.6000151634	Sum of GTIs [s]
date	2012-02-26T01:17:43	Date and time of file creation	ontime1	1971.6000151634	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1971.6000151634	Sum of GTIs [s]
			ontime3	1971.6000151634	Sum of GTIs [s]
			l1events	44492	Number of level 1 events

2.1.4 Events

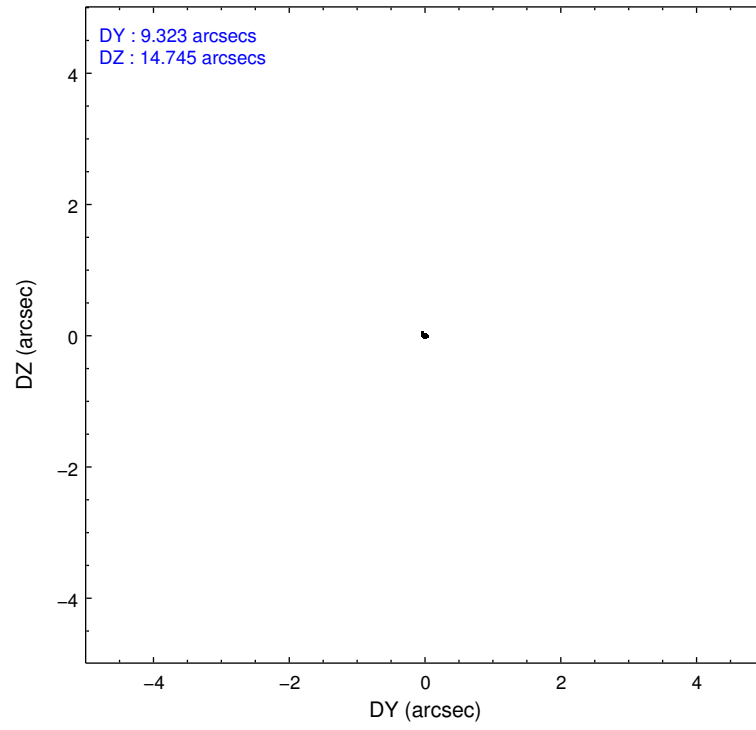
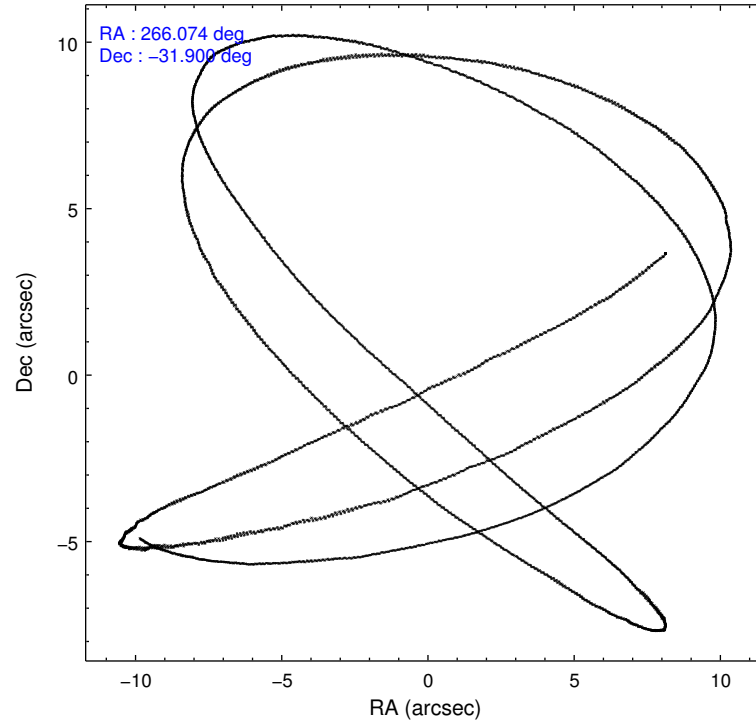
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	11042	9886	12507	11057
rejected events	9563	8298	11021	9679
rejected %	86%	83%	88%	87%

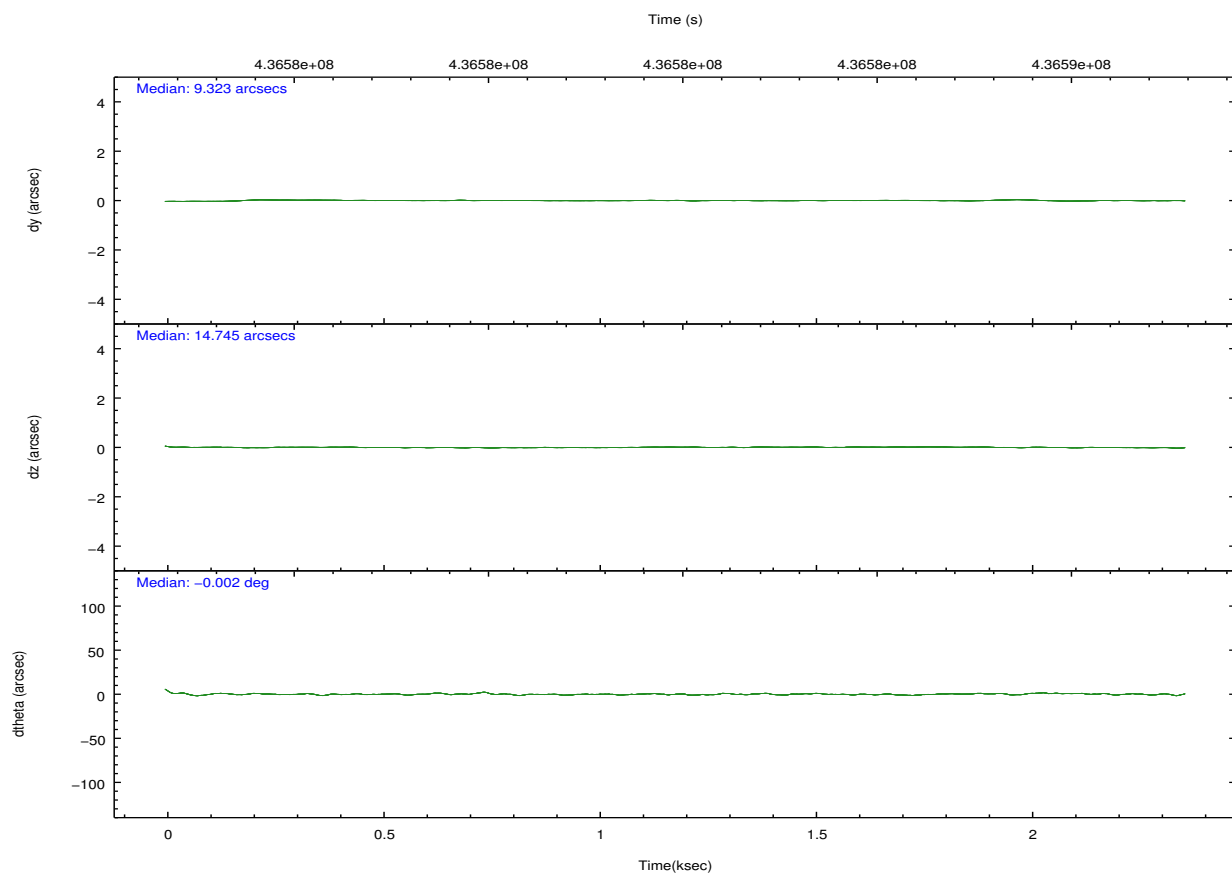
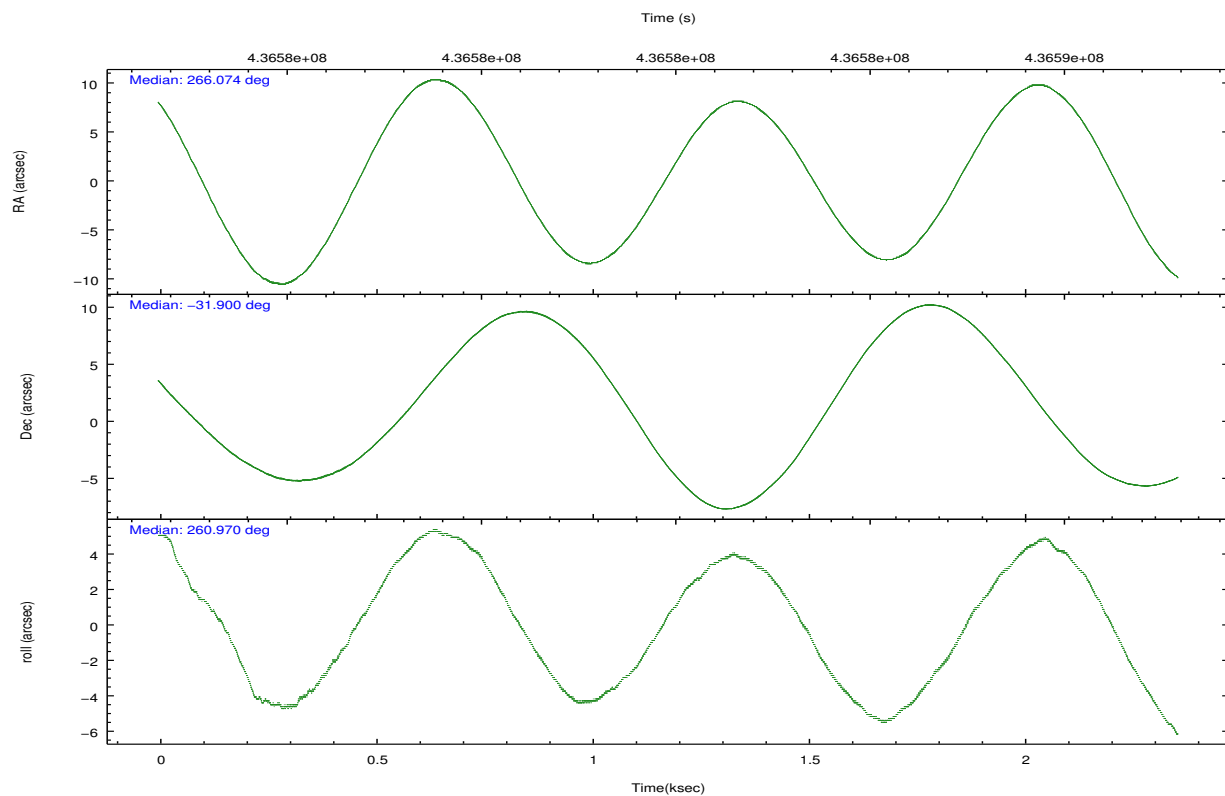
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	540	600	565	565
	4%	6%	4%	5%
grade 1 events	5	5	5	10
	0%	0%	0%	0%
grade 2 events	359	393	344	284
	3%	3%	2%	2%
grade 3 events	157	159	151	123
	1%	1%	1%	1%
grade 4 events	129	141	149	136
	1%	1%	1%	1%
grade 5 events	505	557	489	597
	4%	5%	3%	5%
grade 6 events	303	297	280	272
	2%	3%	2%	2%
grade 7 events	9044	7734	10524	9070
	81%	78%	84%	82%

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	266.062785	266.0744510389198	Subarray requested	NONE	NONE
[deg] Pointing Dec	-31.874070	-31.89988160291618	Alternating exposures requested	N	N
[deg] Pointing Roll	260.757935	260.9727643545085	[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)	436583469.184000	436583092.94767			
Observation start date	2011-11-02T01:10:03	2011-11-02T01:04:52			
[s] Observation end time (MET)	436585649.184000	436586112.59783			
Observation end date	2011-11-02T01:46:23	2011-11-02T01:55:12			
Read mode	TIMED	TIMED			

2.3 Aspect



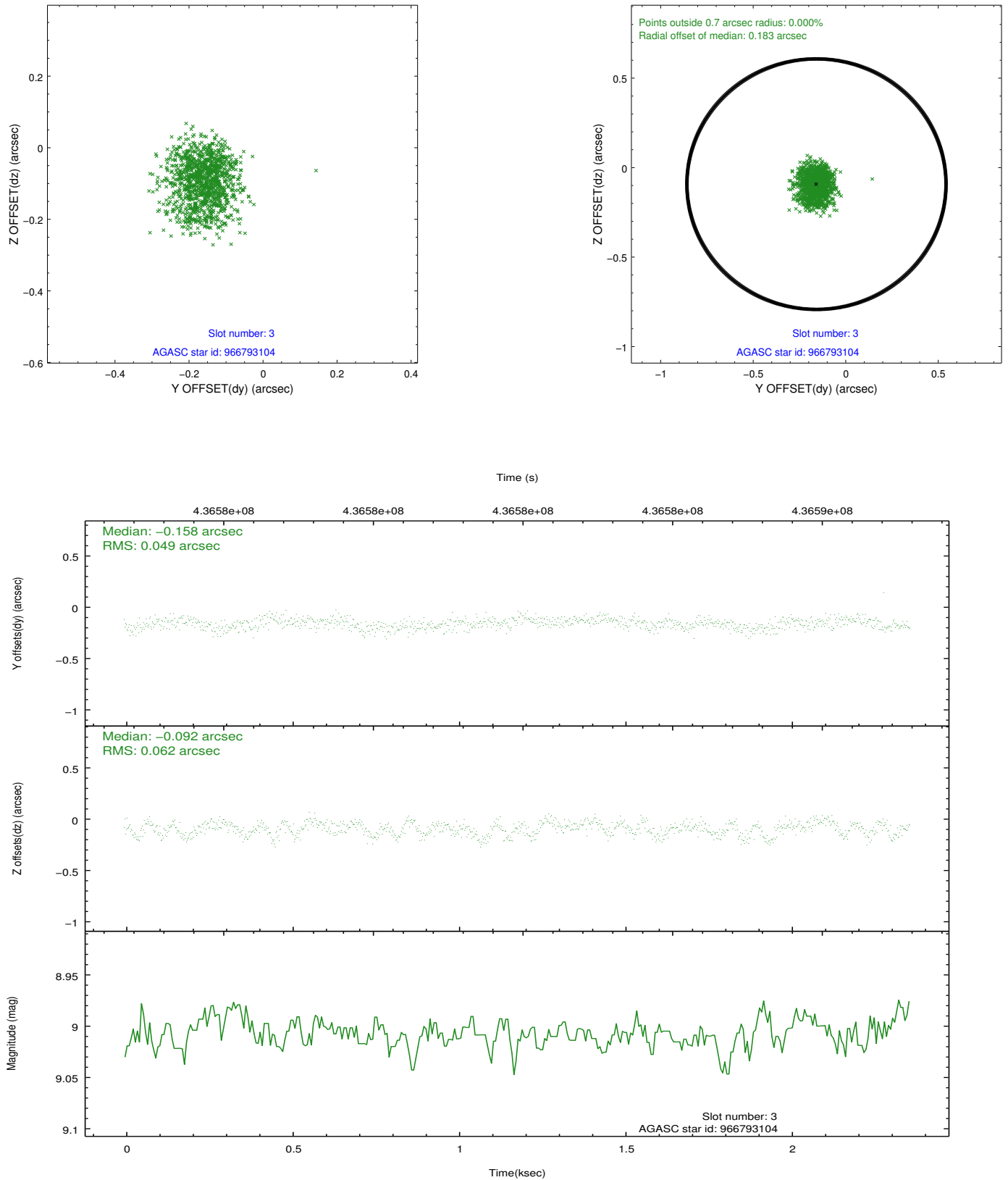


Slot Statistics

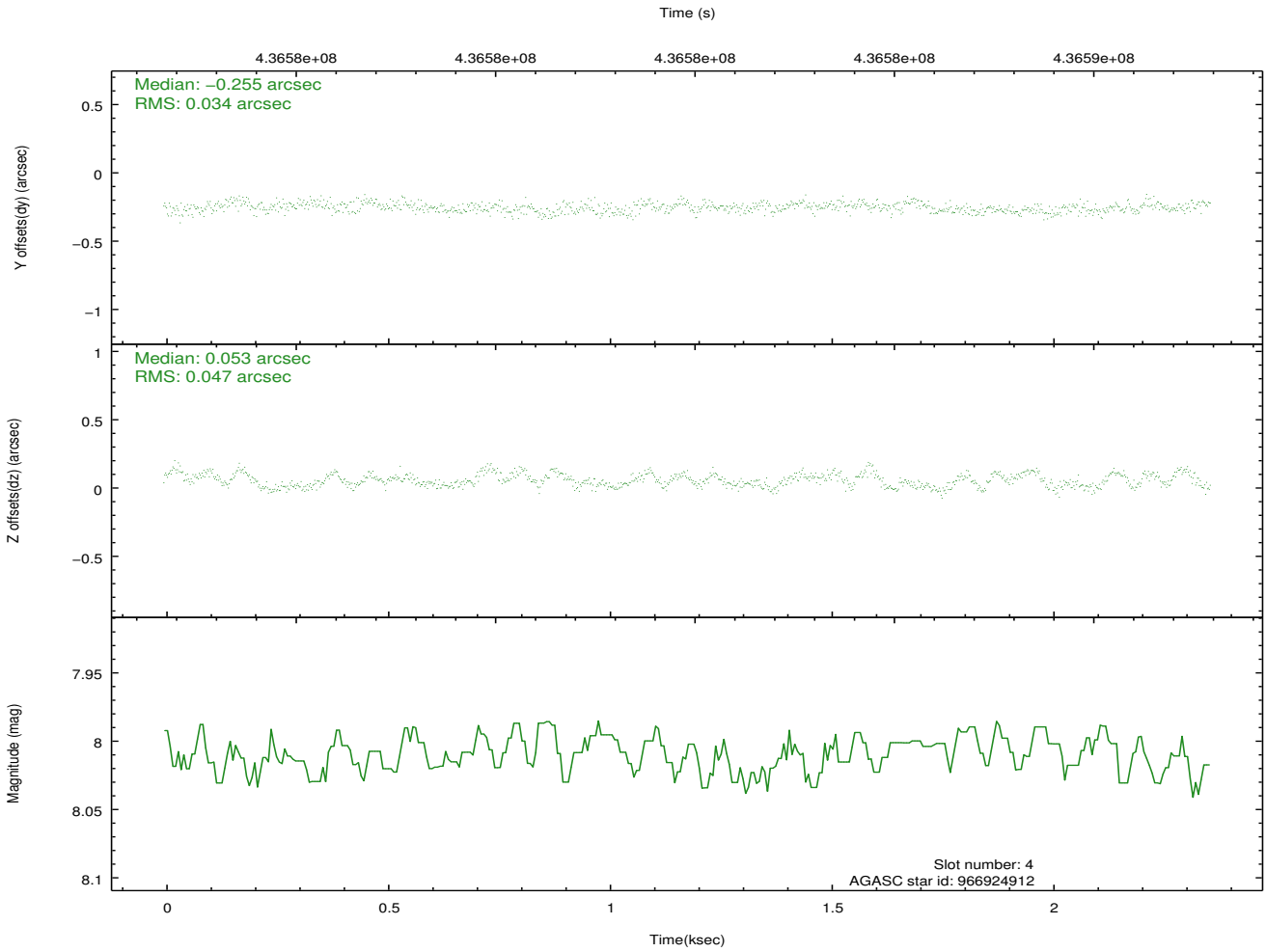
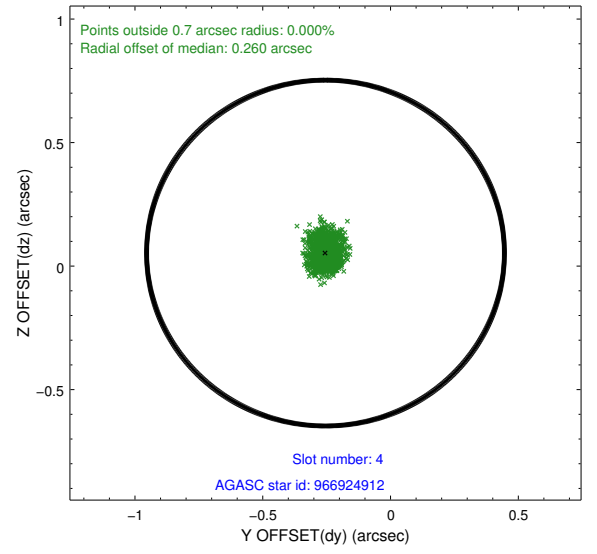
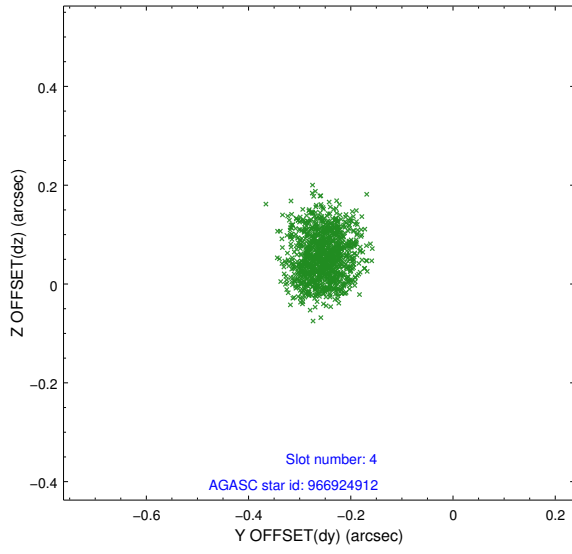
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	6.94	576	-0.089	-0.095	0.010	0.017	0.000000	0.000000	-763.97	-844.80
1	FID	ACIS-I-4	6.95	576	0.187	0.080	0.007	0.011	0.000000	0.000000	2149.11	1060.16
2	FID	ACIS-I-5	7.01	576	-0.197	0.084	0.010	0.015	0.000000	0.000000	-1814.37	1061.14
3	GUIDE	966793104	9.01	1152	-0.158	-0.092	0.086	0.134	265.489379	-31.350728	-1571.77	-2042.04
4	GUIDE	966924912	8.01	1152	-0.255	0.053	0.063	0.096	266.020014	-31.275150	-2108.76	-477.82
5	GUIDE	967316472	8.31	1151	0.289	-0.091	0.068	0.115	265.408096	-32.112173	1170.99	-1832.02
6	GUIDE	967442688	8.38	1149	0.021	-0.086	0.061	0.098	266.096113	-32.373763	1760.11	387.53
7	GUIDE	967449280	8.74	1150	0.105	0.222	0.073	0.116	266.690713	-32.455990	1768.25	2220.95

2.4 Star Slots

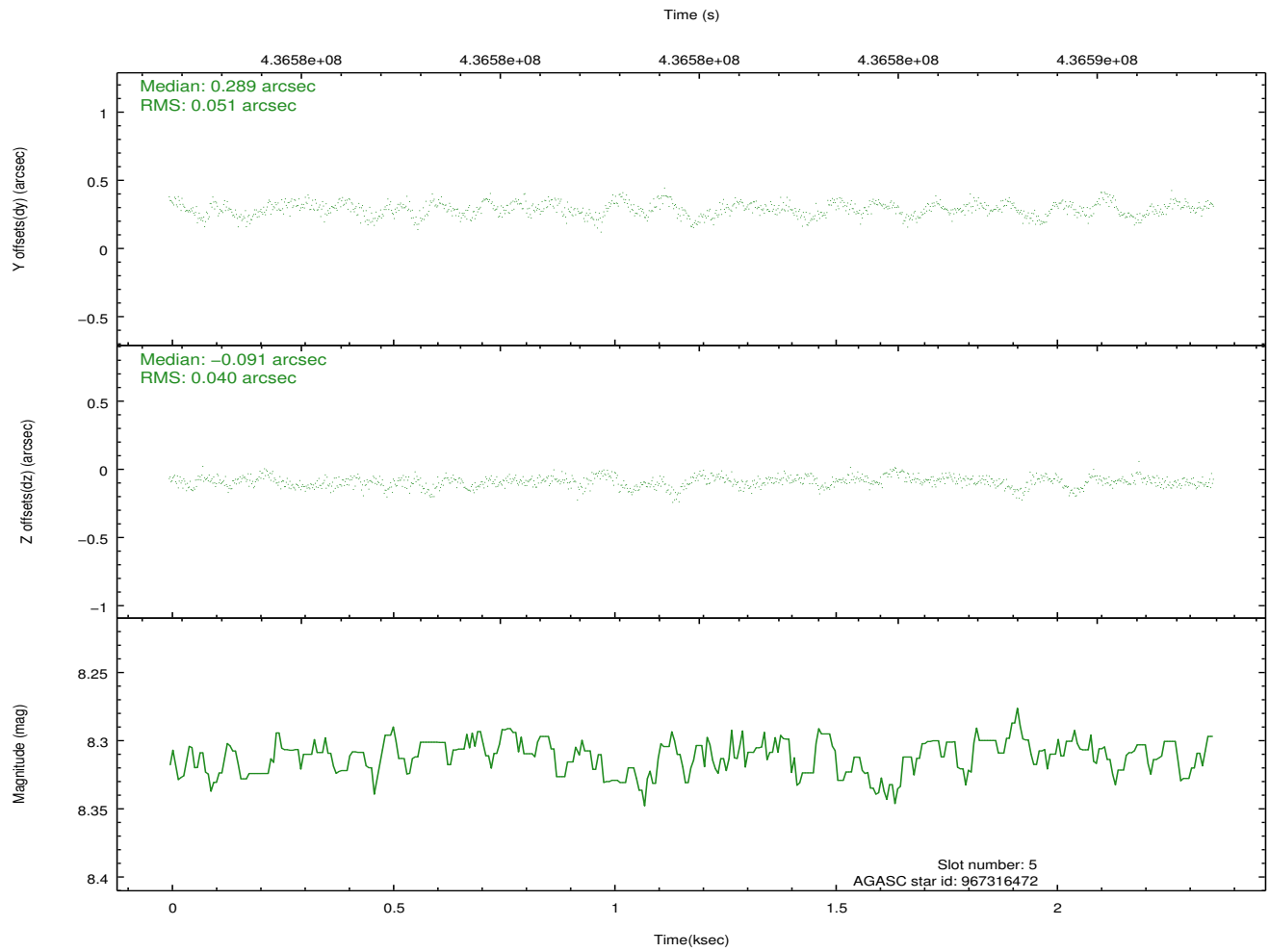
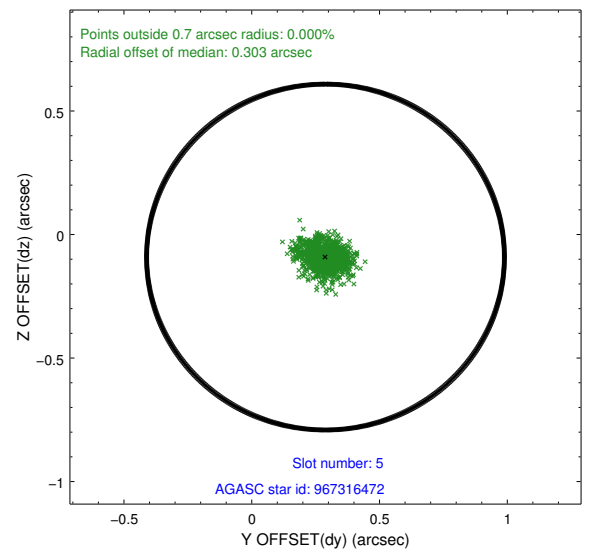
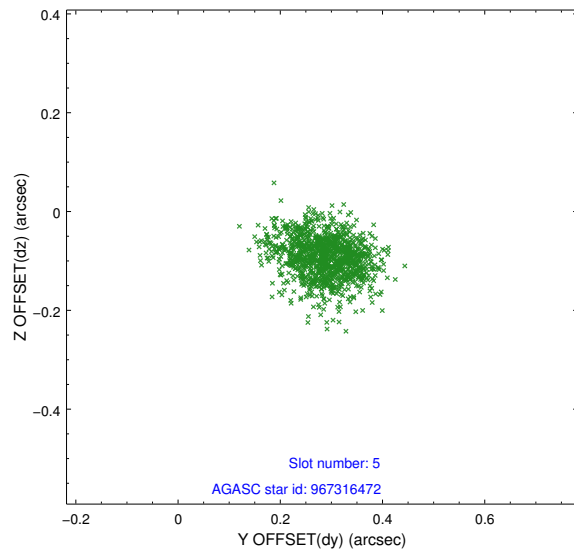
2.4.1 Slot 3



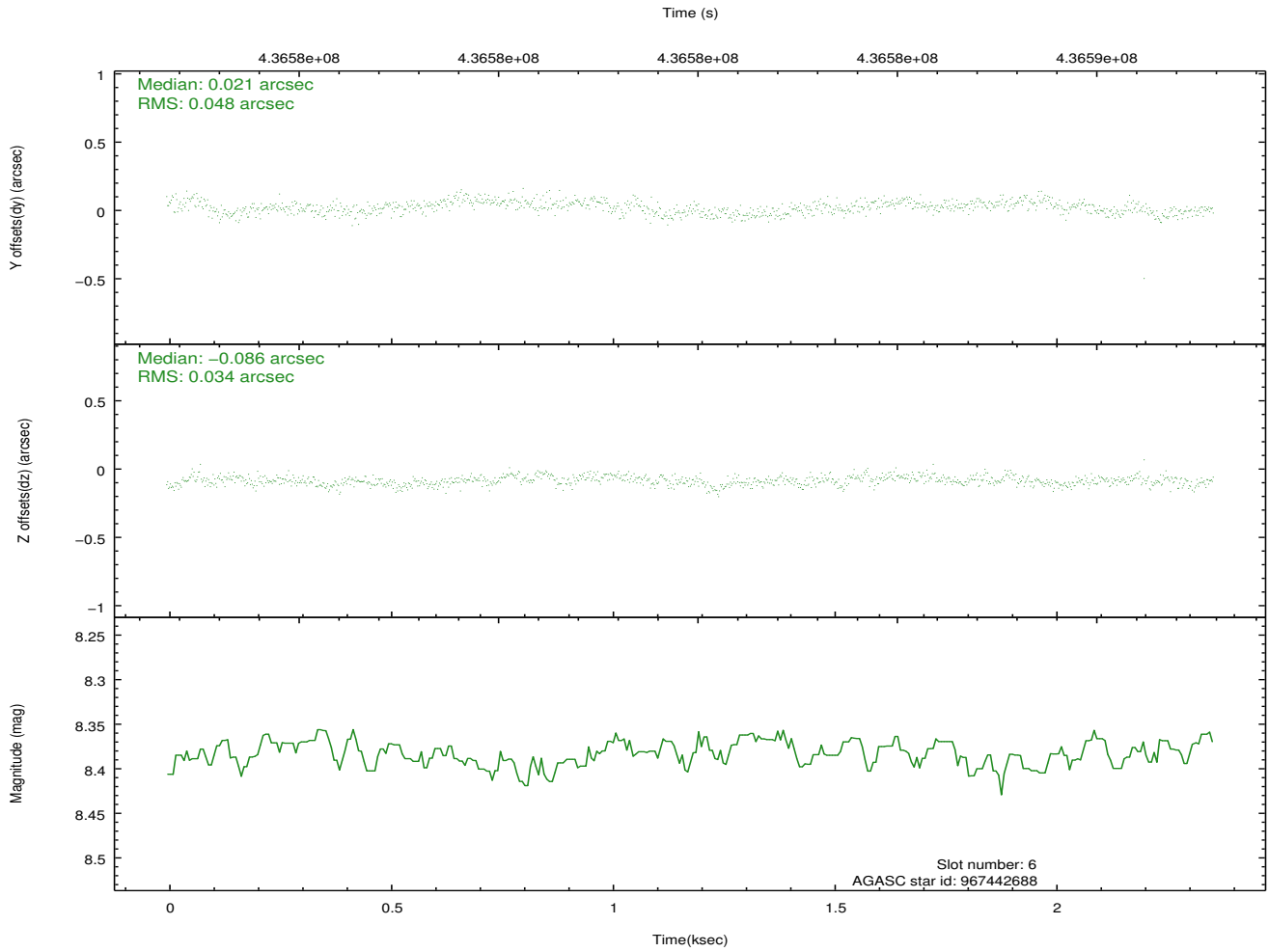
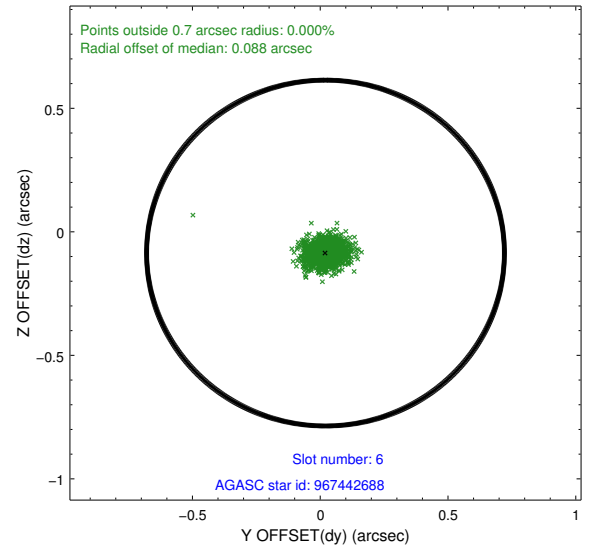
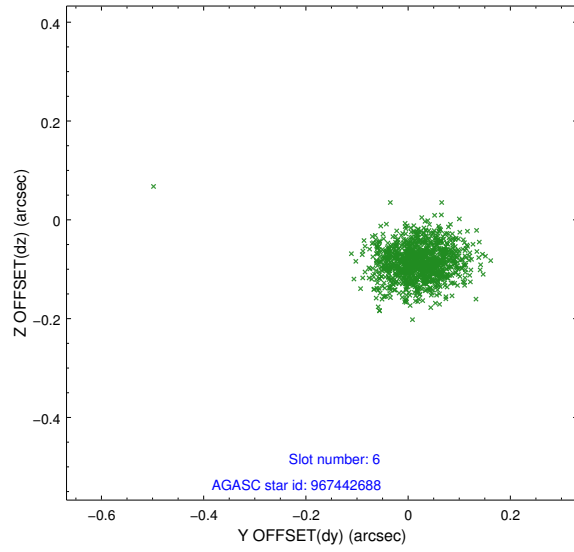
2.4.2 Slot 4



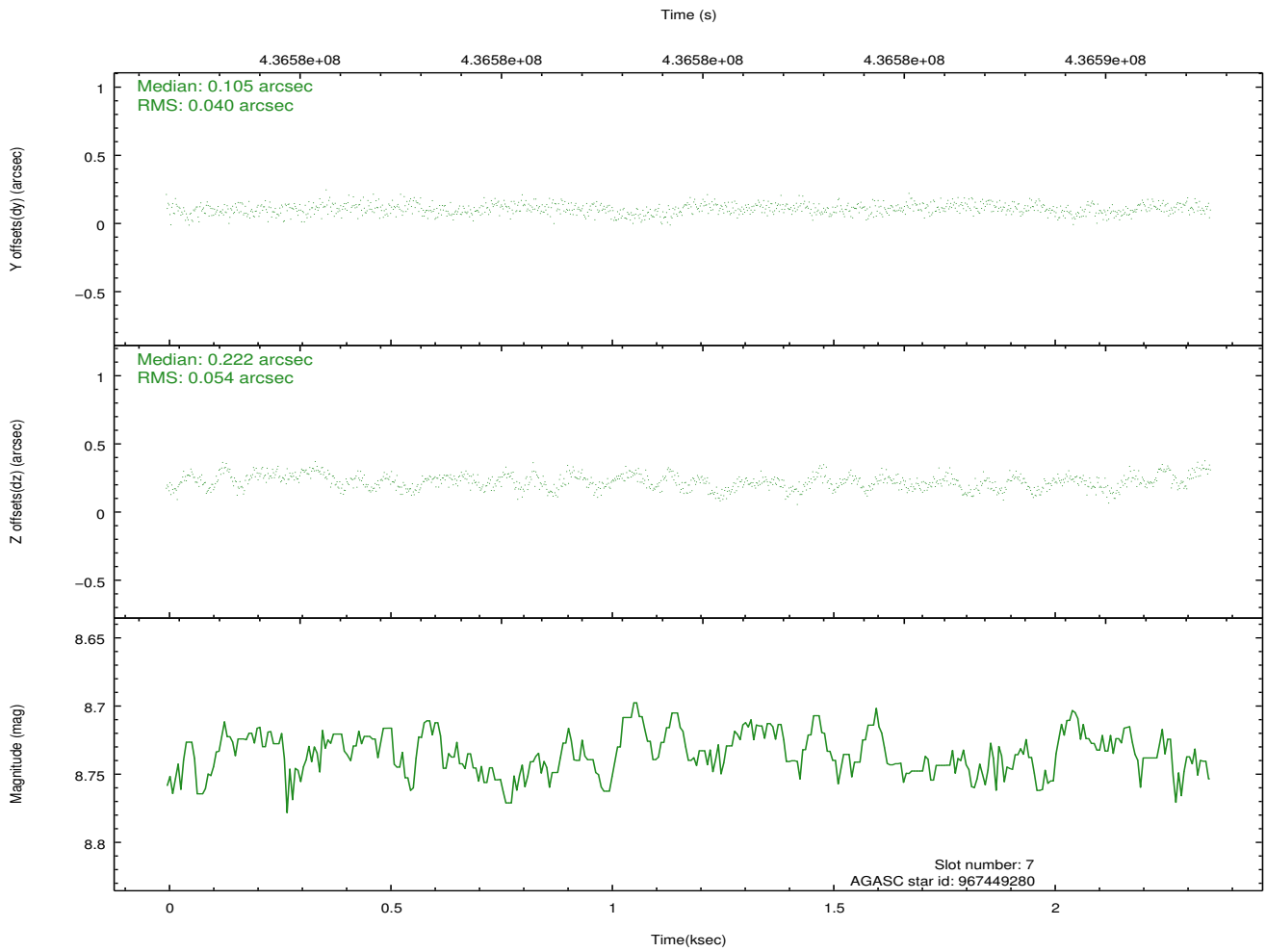
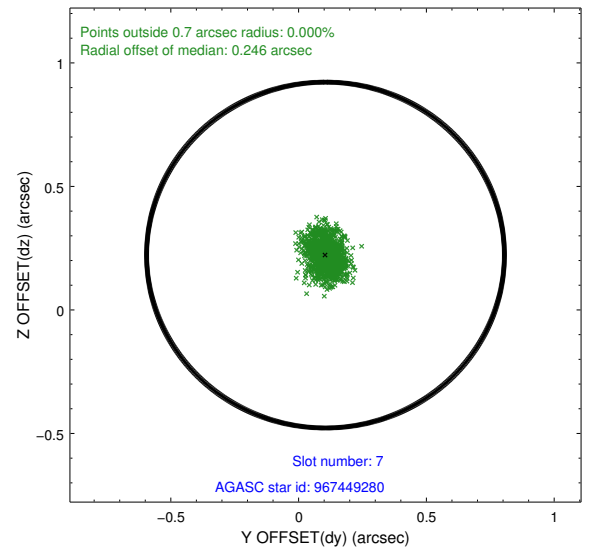
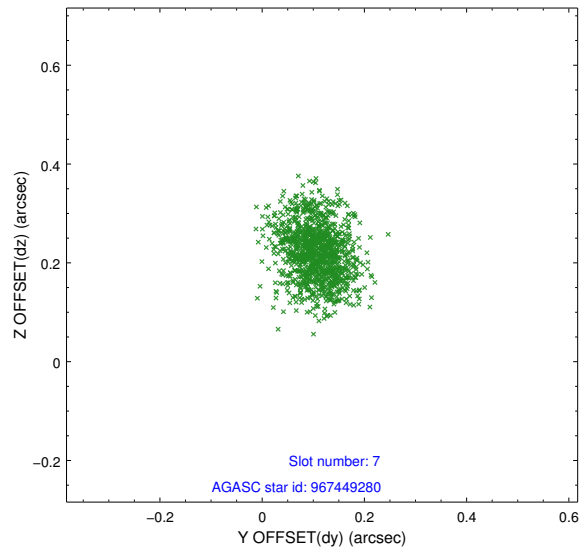
2.4.3 Slot 5



2.4.4 Slot 6

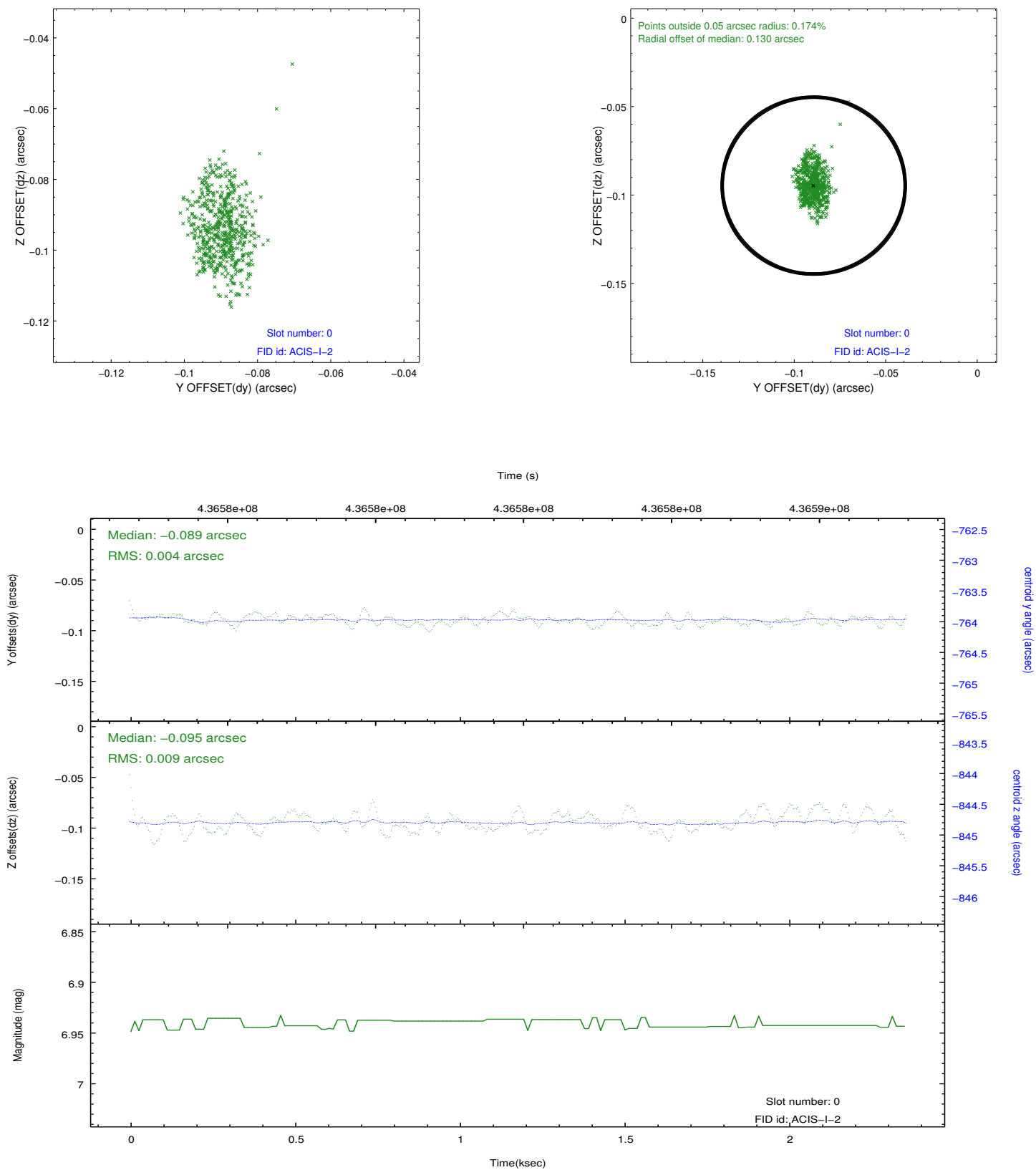


2.4.5 Slot 7

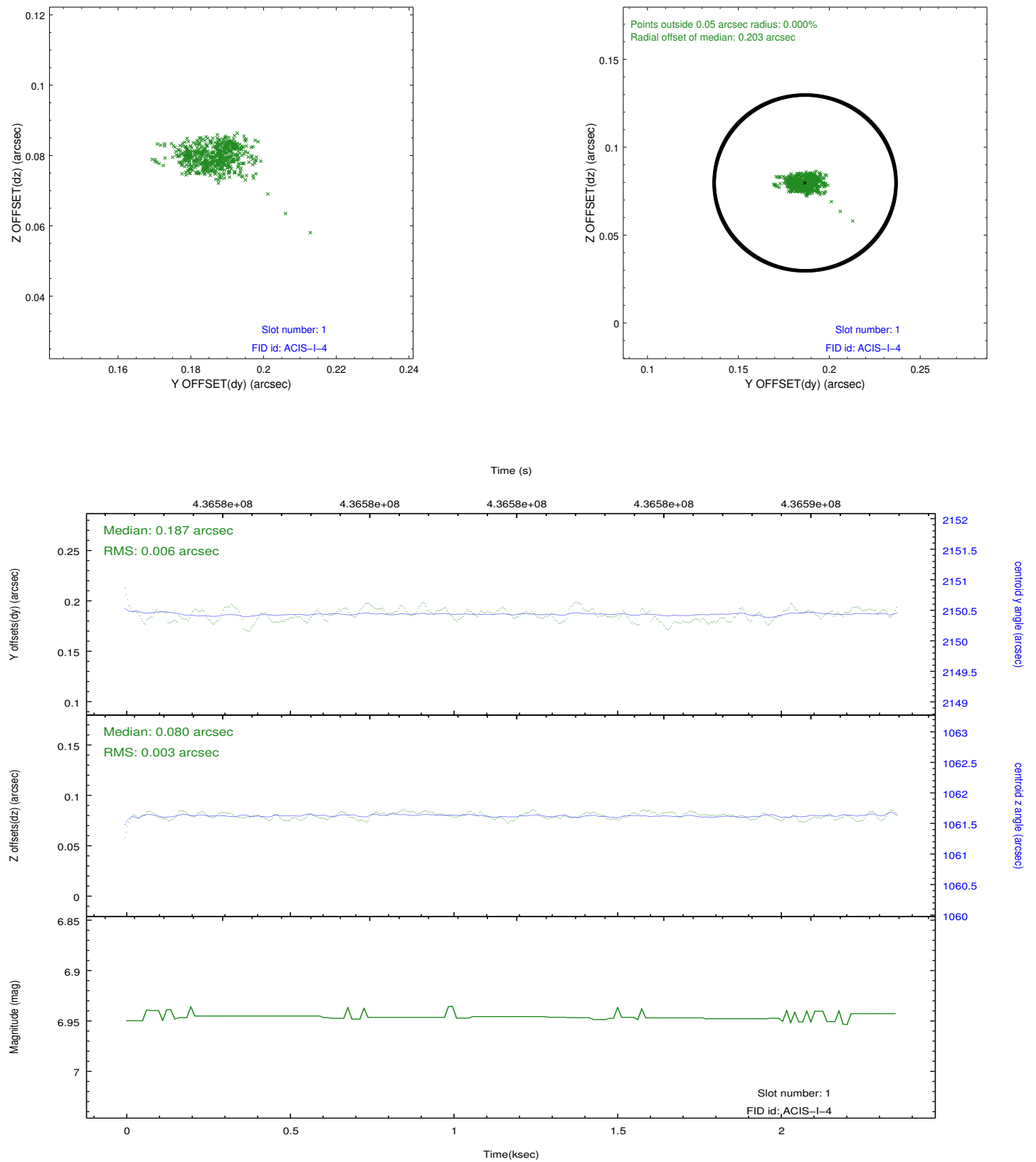


2.5 FID Slots

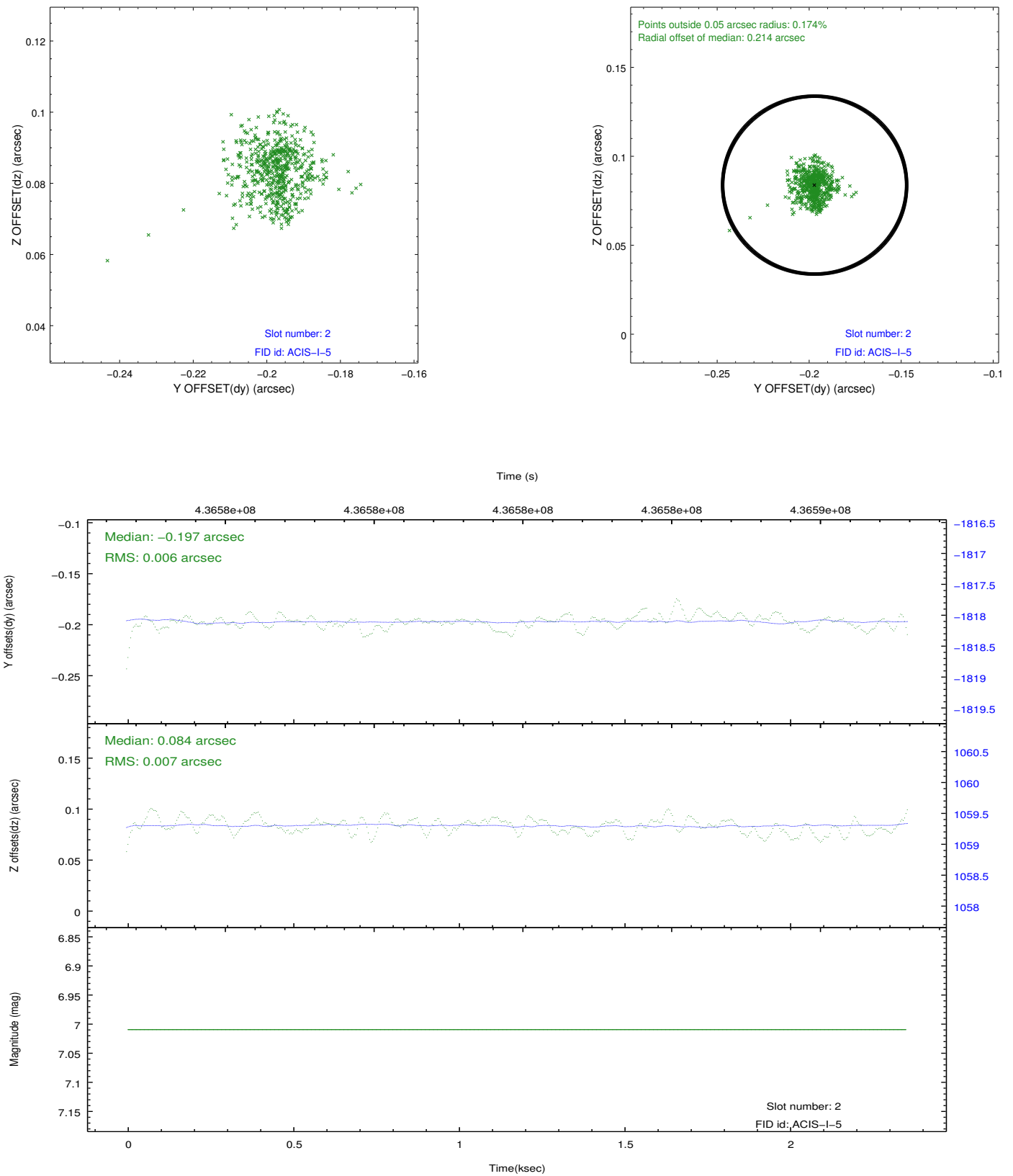
2.5.1 Slot 0



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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.9716000151634

A.2 Comments

Joint Proposal: NOAO