

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13528 - L2 Version 2
Chandra X-Ray Center

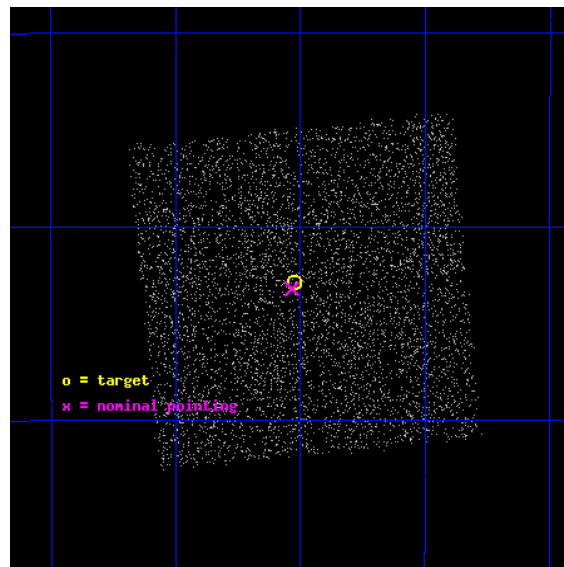
L2 Processing Date : Feb 25 2012

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1 Front

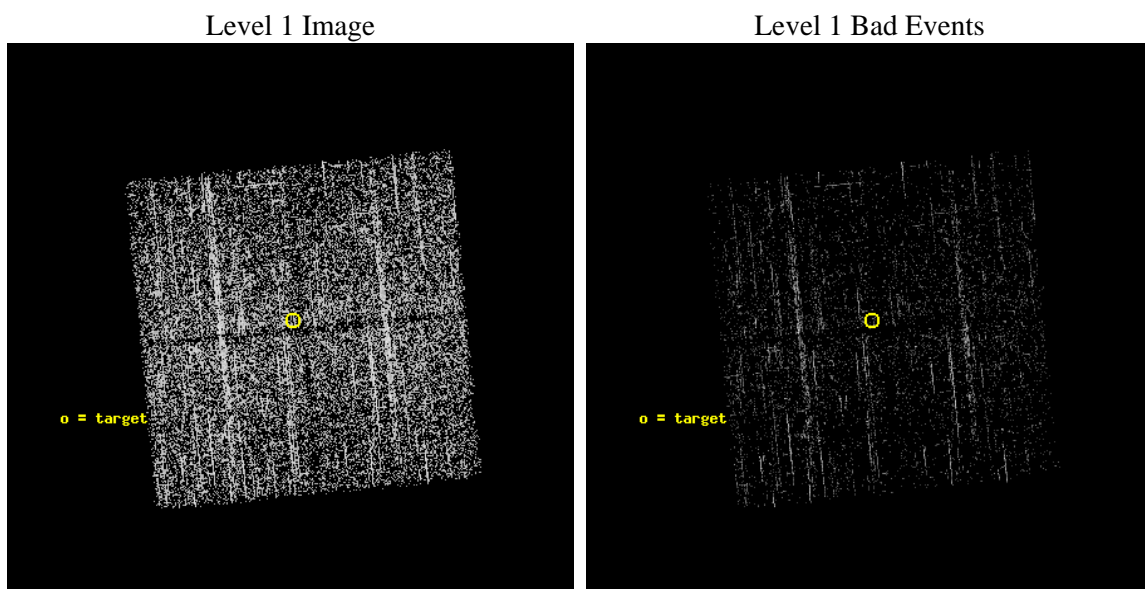
seq_num	401304	Sequence number
obs_id	13528	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.256209	Observer's specified target RA [deg]
dec_targ	-29.548151	Observer's specified target Dec [deg]
ra_nom	268.25851941162	Nominal RA [deg]
dec_nom	-29.55335179427	Nominal Dec [deg]
roll_nom	264.49432239499	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	6409	Number of level 2 events



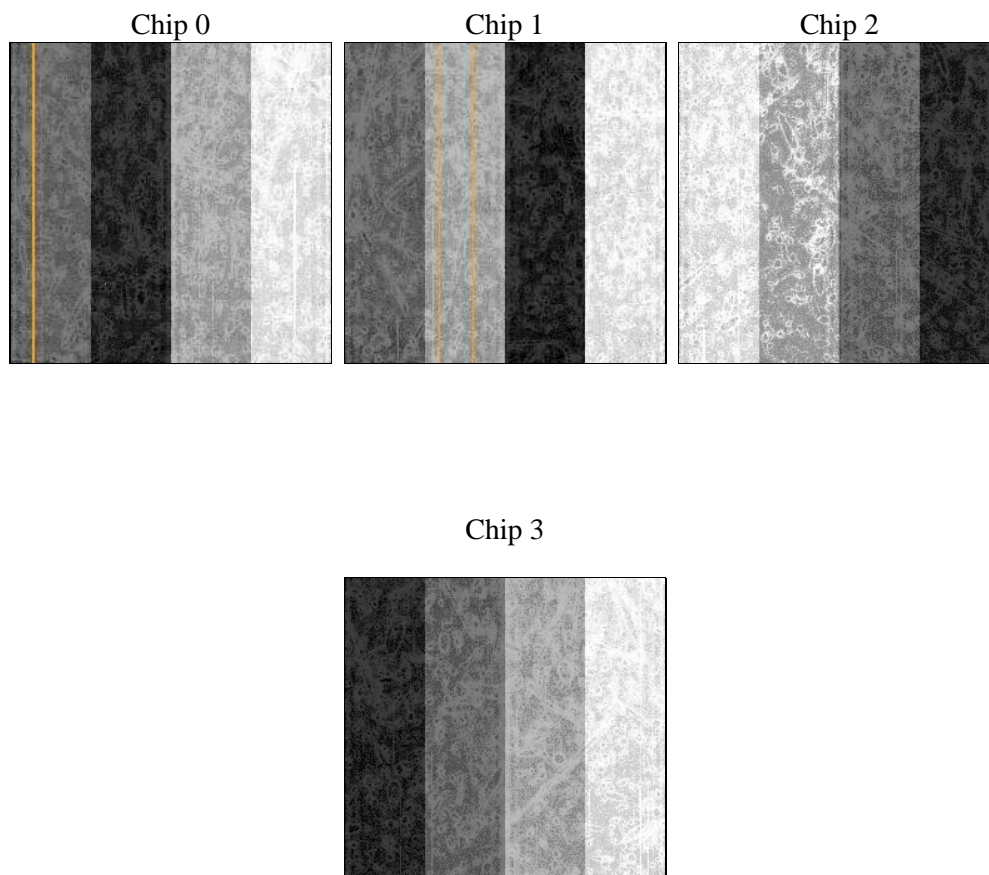
2 OBI

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	2012-02-26T01:06:05	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	46996	Number of level 1 events

2.1.4 Events

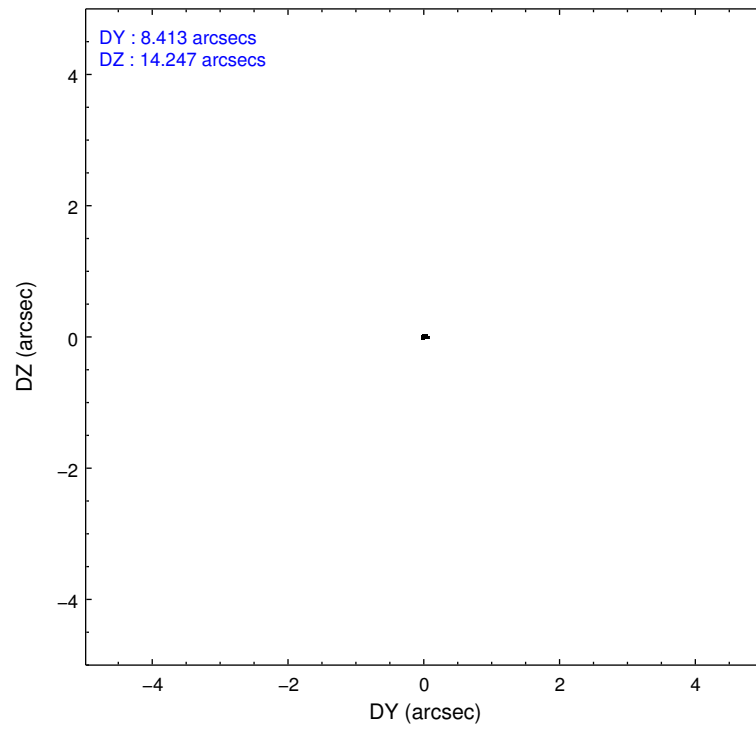
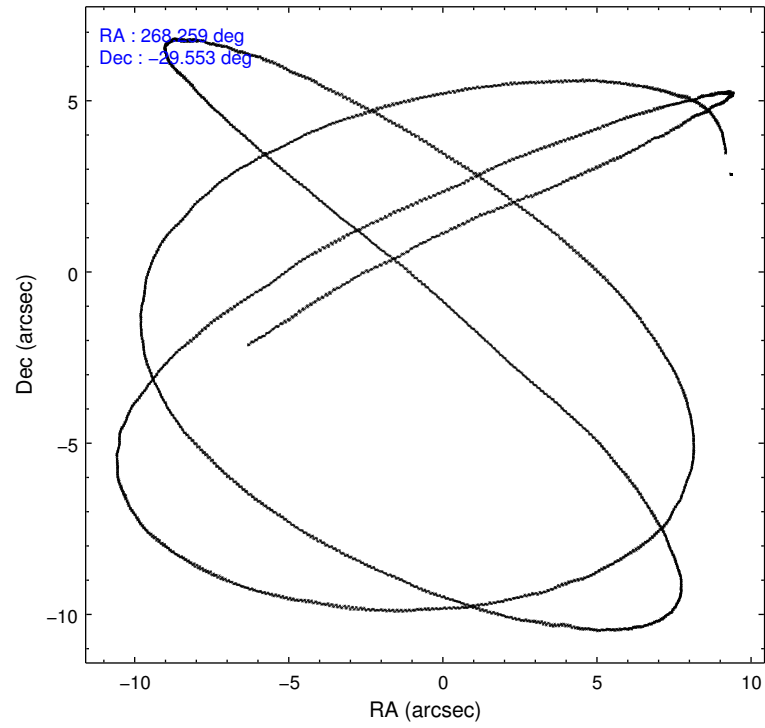
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	11085	10758	13276	11877
rejected events	9223	8838	11340	10112
rejected %	83%	82%	85%	85%

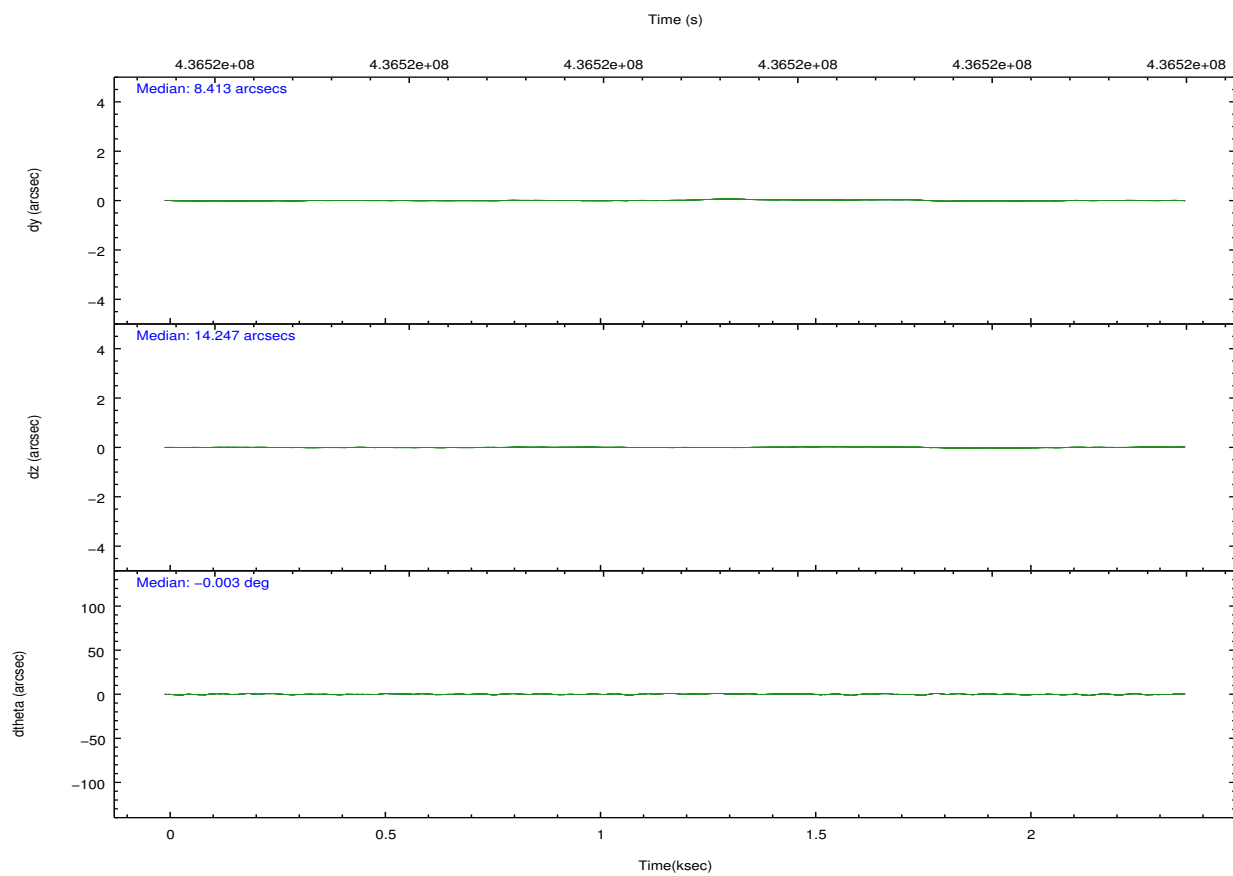
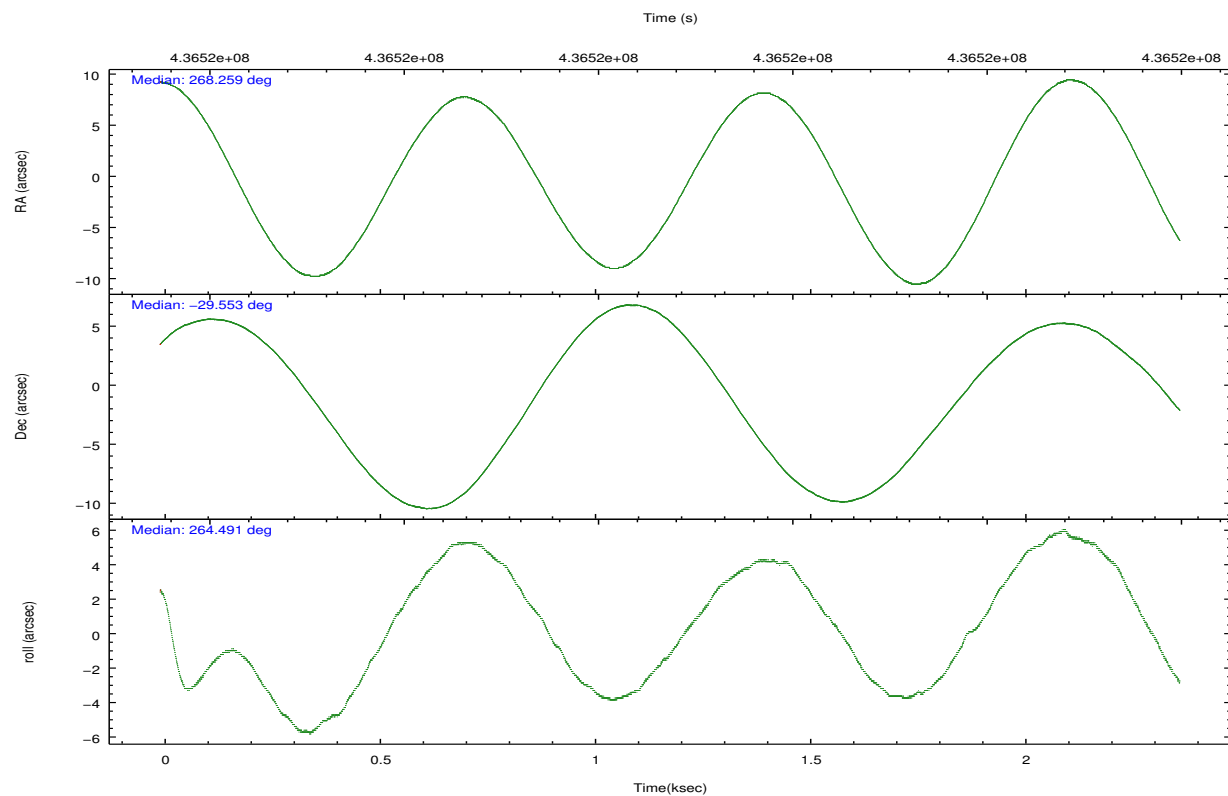
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	931	887	934	849
	8%	8%	7%	7%
grade 1 events	8	7	10	10
	0%	0%	0%	0%
grade 2 events	356	400	401	353
	3%	3%	3%	2%
grade 3 events	155	153	160	145
	1%	1%	1%	1%
grade 4 events	139	158	165	140
	1%	1%	1%	1%
grade 5 events	537	541	520	602
	4%	5%	3%	5%
grade 6 events	284	327	285	281
	2%	3%	2%	2%
grade 7 events	8675	8285	10801	9497
	78%	77%	81%	79%

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	268.245169	268.2585194116206	Subarray requested	NONE	NONE
[deg] Pointing Dec	-29.528597	-29.55335179427019	Alternating exposures requested	N	N
[deg] Pointing Roll	264.279056	264.4943223949854	[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)	436516179.184000	436515802.71913			
Observation start date	2011-11-01T06:28:33	2011-11-01T06:23:22			
[s] Observation end time (MET)	436518359.184000	436518492.83177			
Observation end date	2011-11-01T07:04:53	2011-11-01T07:08:12			
Read mode	TIMED	TIMED			

2.3 Aspect



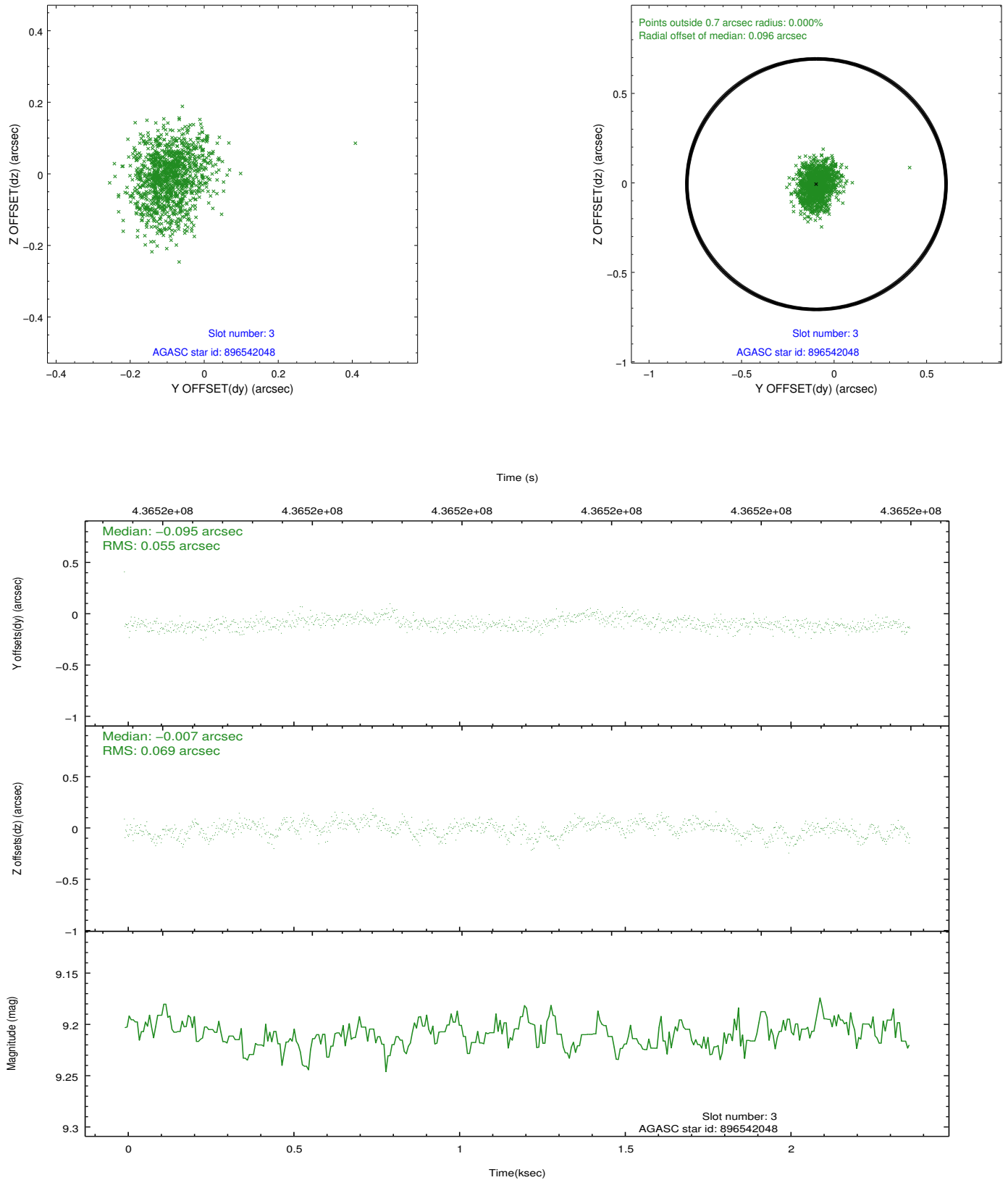


Slot Statistics

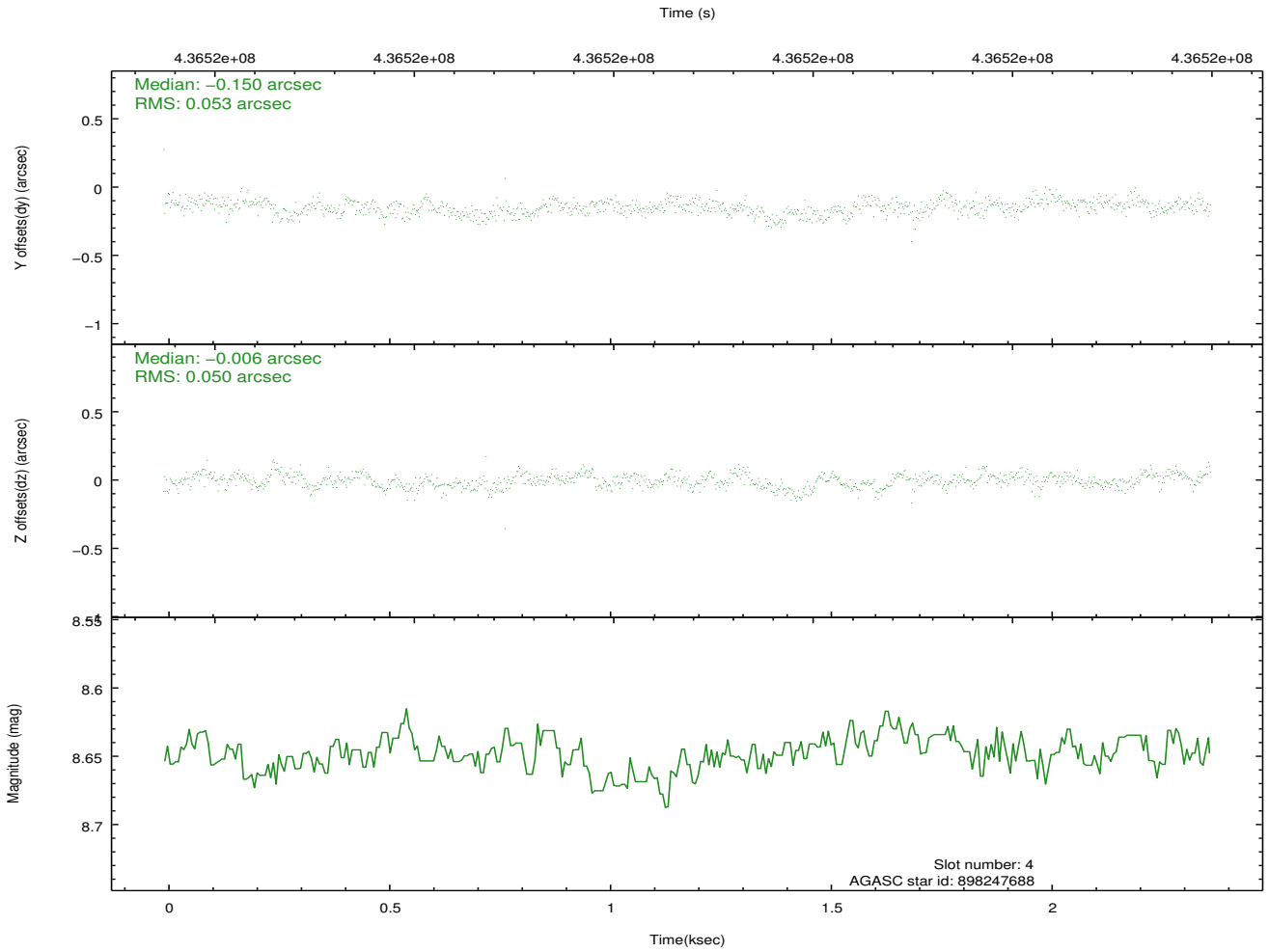
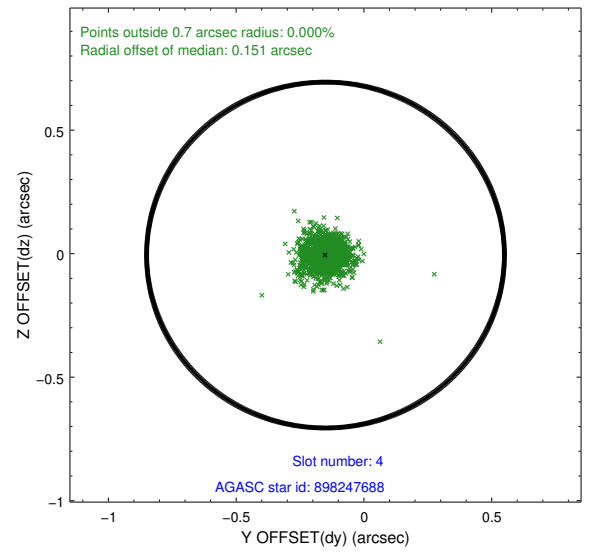
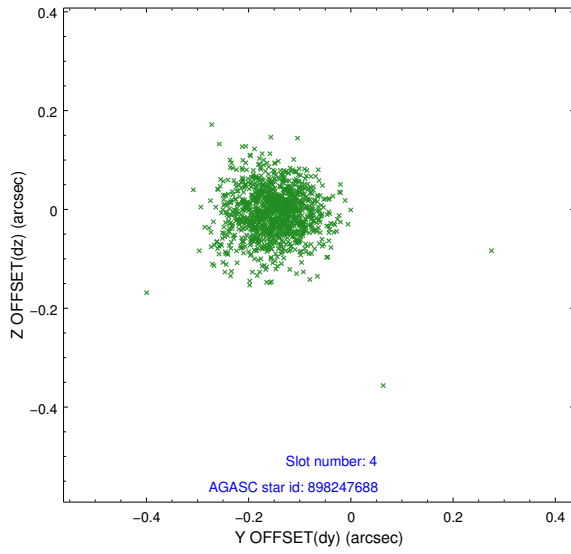
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.02	579	0.082	-0.044	0.007	0.011	0.000000	0.000000	931.31	-837.86
1	FID	ACIS-I-5	7.00	579	-0.237	0.077	0.007	0.011	0.000000	0.000000	-1815.61	1058.34
2	FID	ACIS-I-6	7.00	579	0.064	0.038	0.007	0.011	0.000000	0.000000	393.84	1705.93
3	GUIDE	896542048	9.21	1157	-0.095	-0.007	0.095	0.152	267.742937	-29.132026	-1258.64	-1713.72
4	GUIDE	898247688	8.65	1156	-0.150	-0.006	0.075	0.125	268.426687	-29.012154	-1906.59	381.57
5	GUIDE	898248800	8.22	1157	0.153	-0.012	0.060	0.094	267.977609	-29.931731	1527.89	-685.61
6	GUIDE	898250872	7.06	1157	0.020	-0.067	0.048	0.077	268.026303	-29.632040	441.95	-645.09
7	GUIDE	967050920	7.61	1156	0.070	0.099	0.051	0.084	268.870727	-30.021750	1578.89	2117.15

2.4 Star Slots

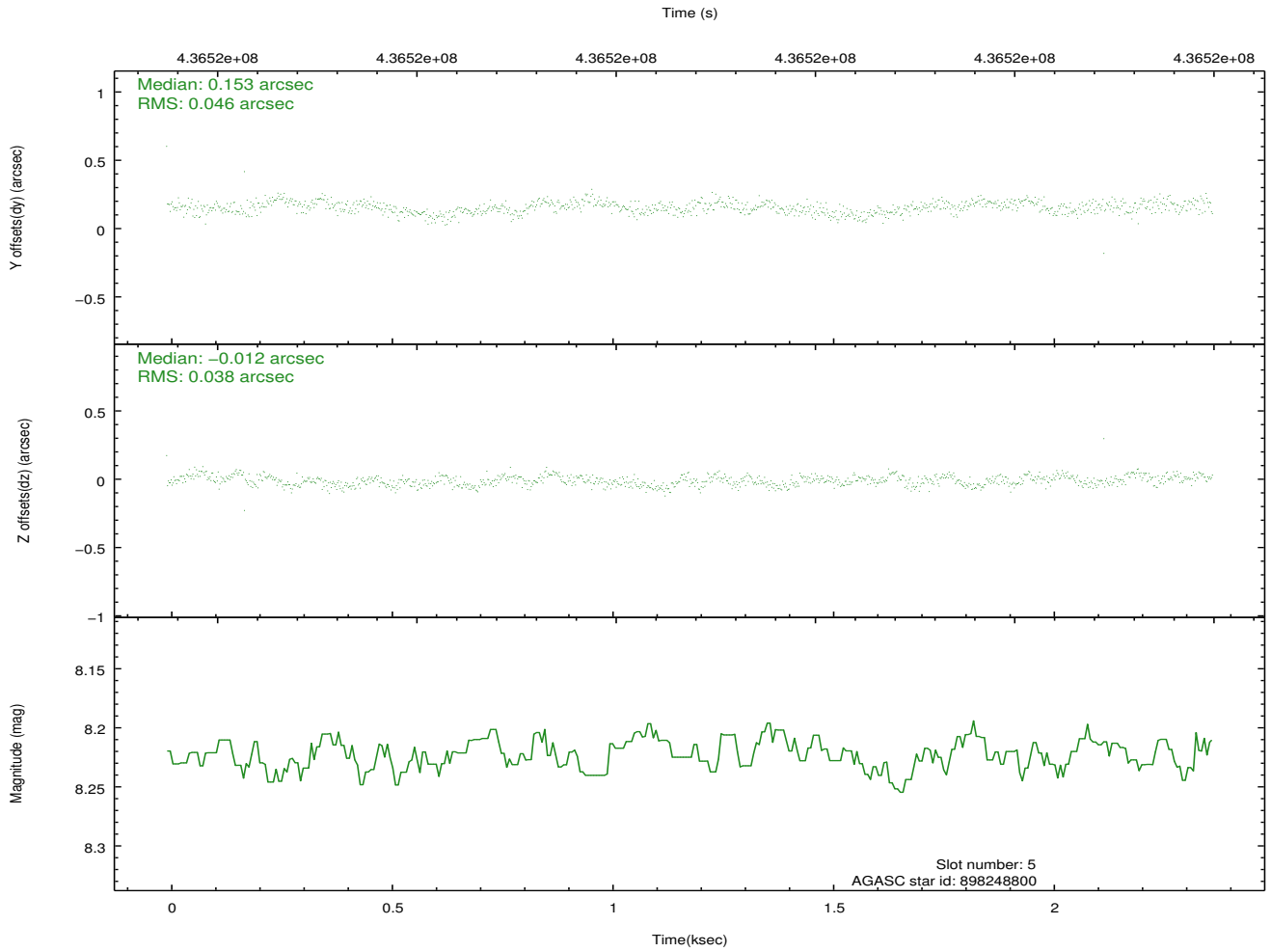
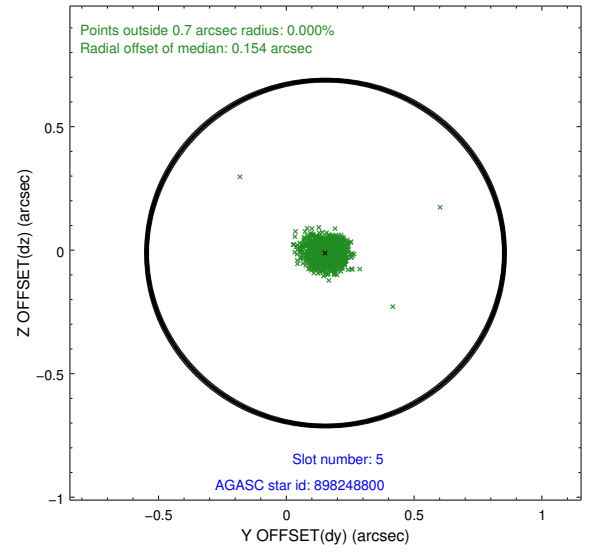
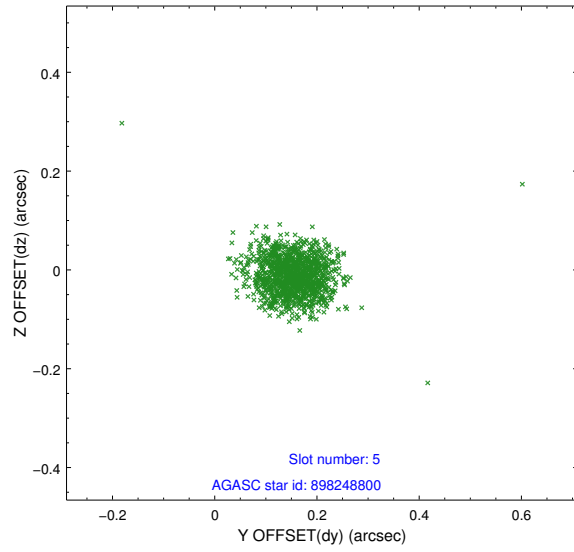
2.4.1 Slot 3



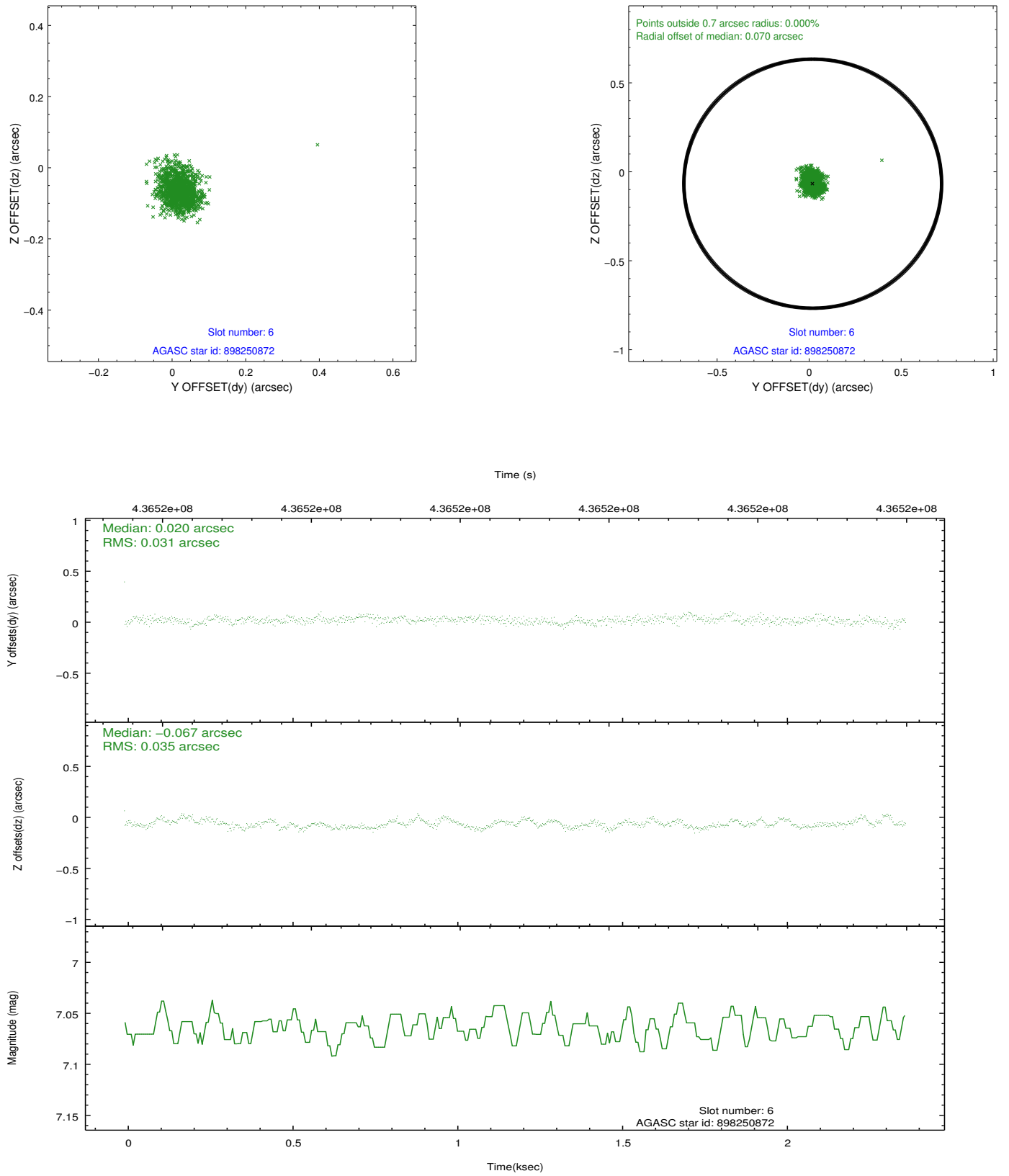
2.4.2 Slot 4



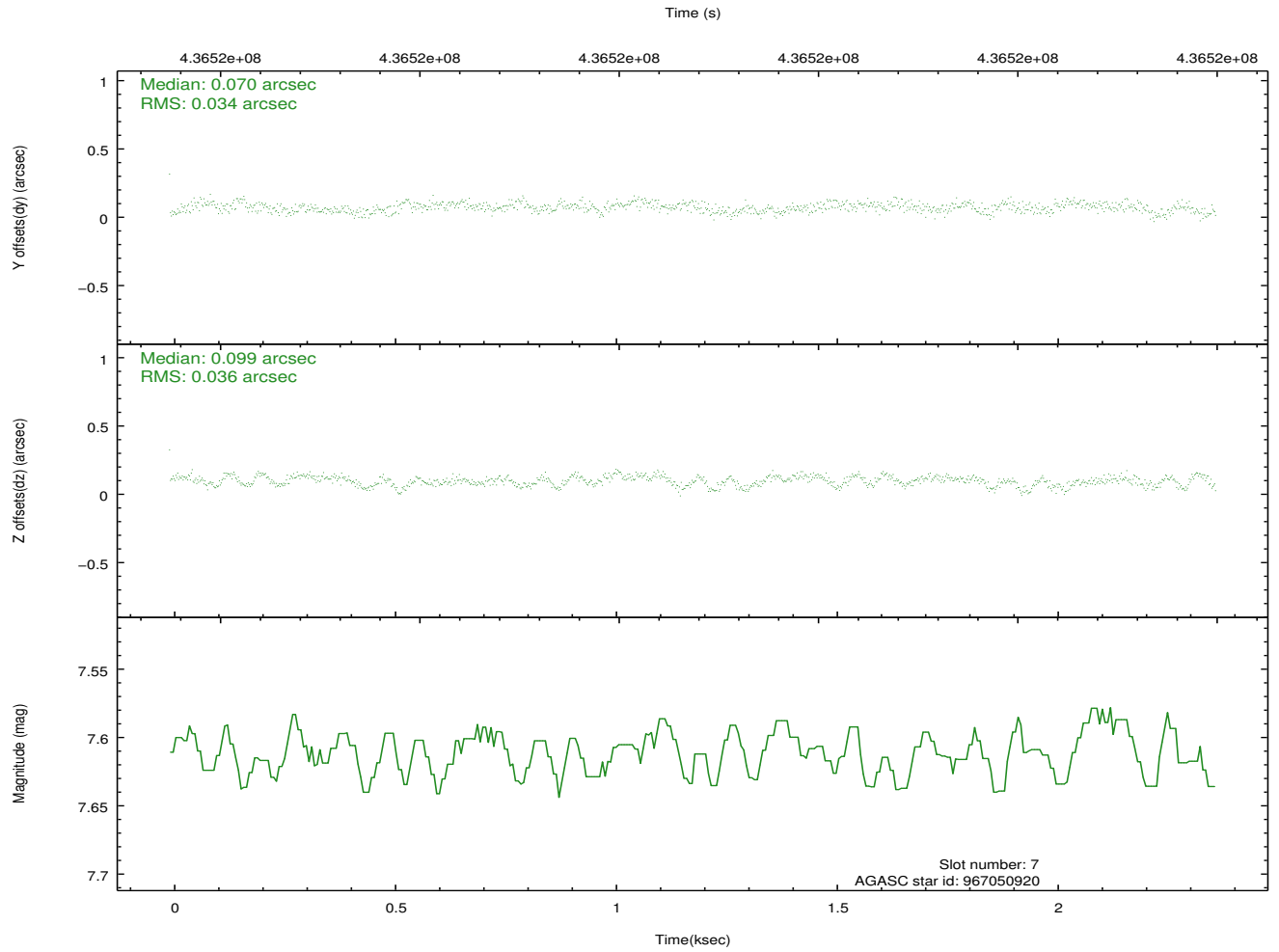
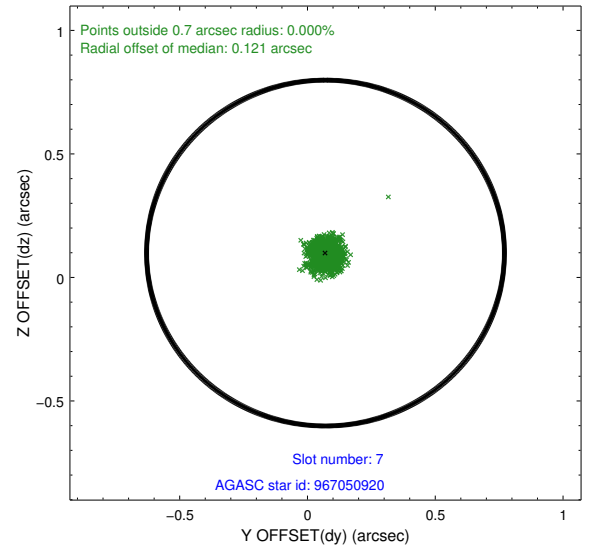
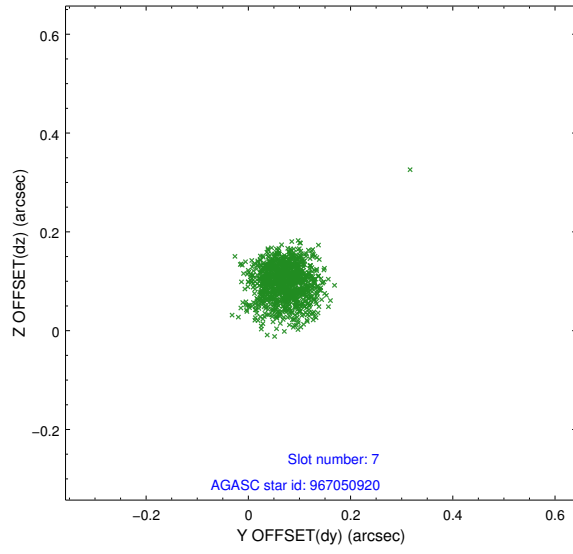
2.4.3 Slot 5



2.4.4 Slot 6

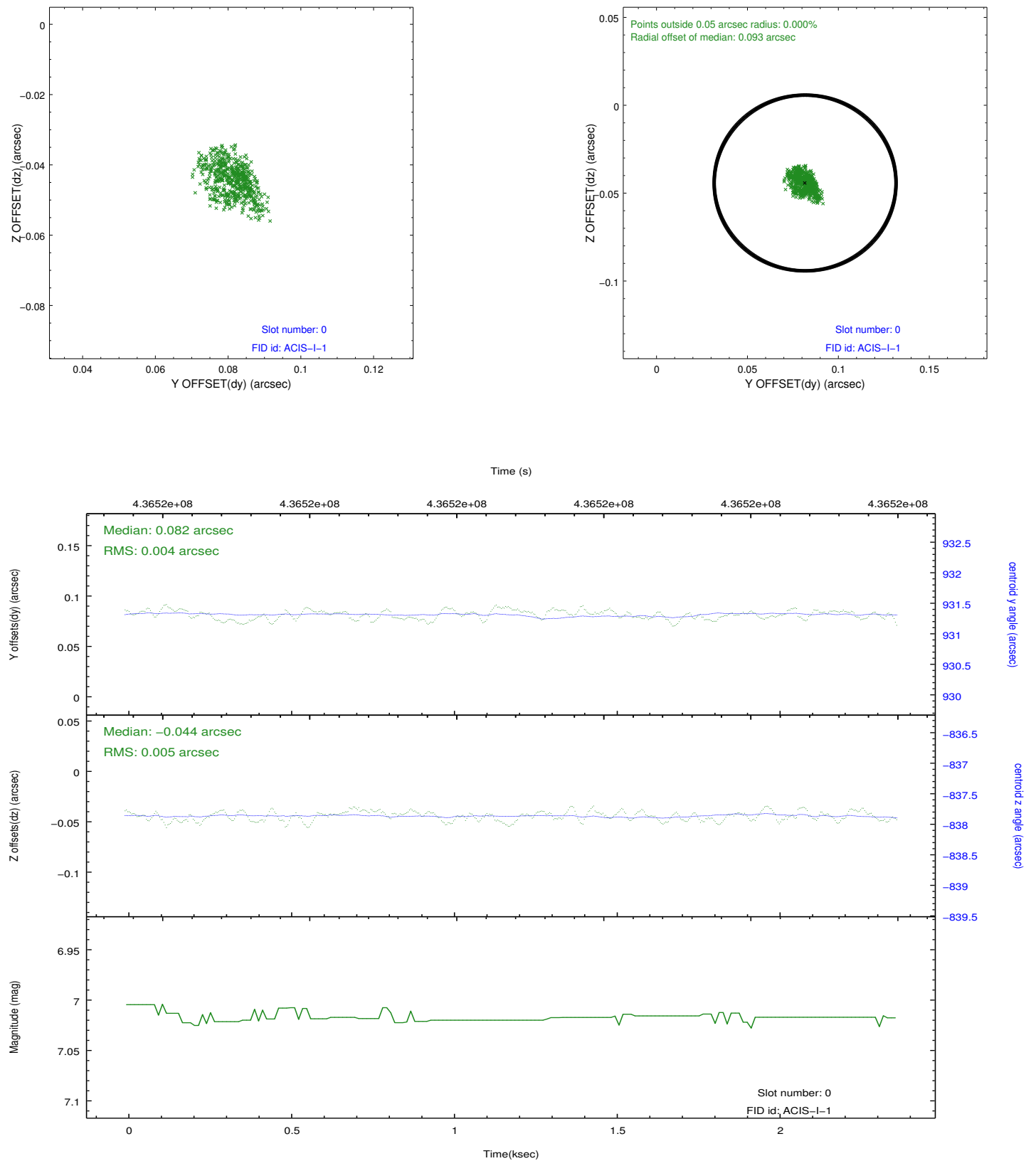


2.4.5 Slot 7

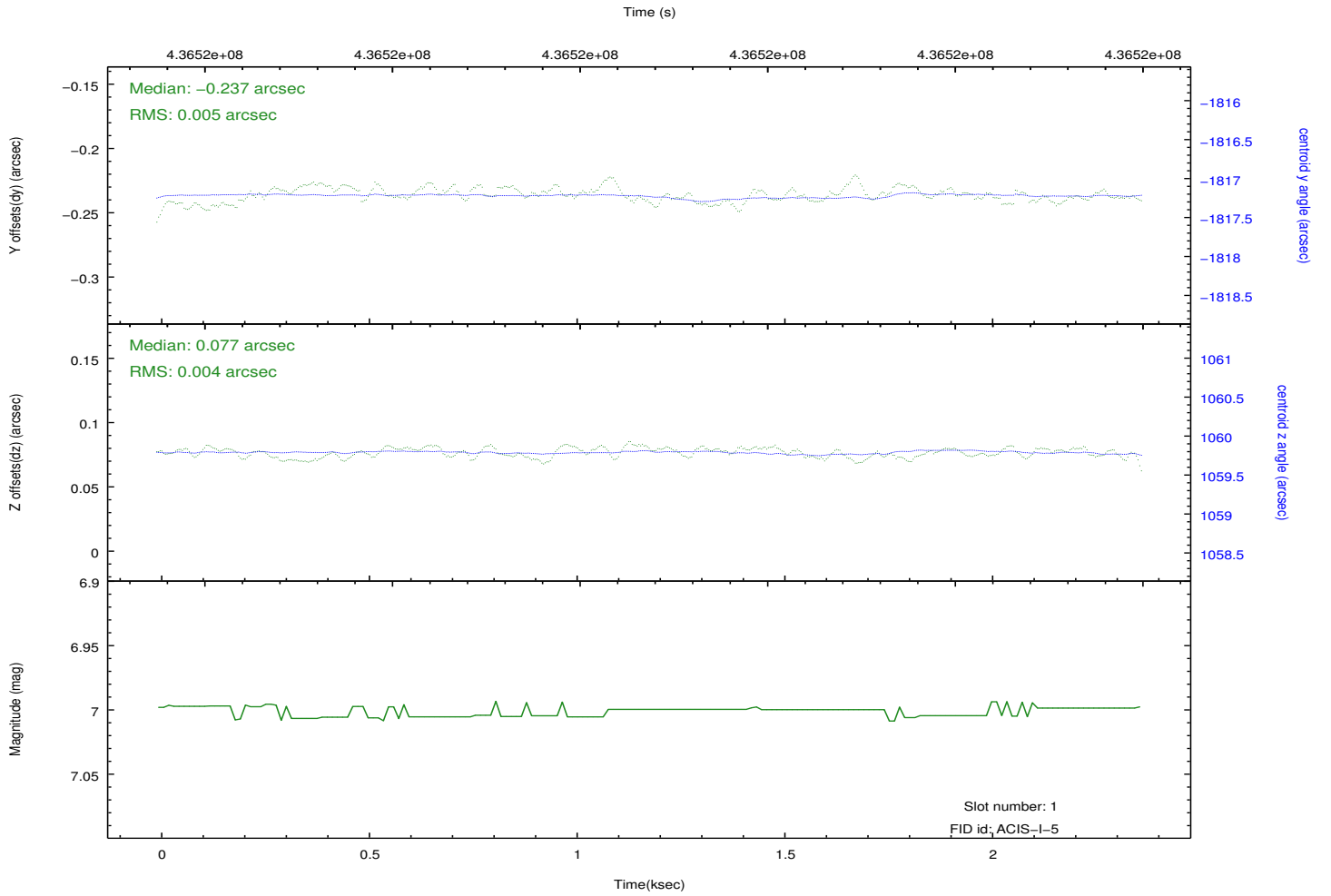
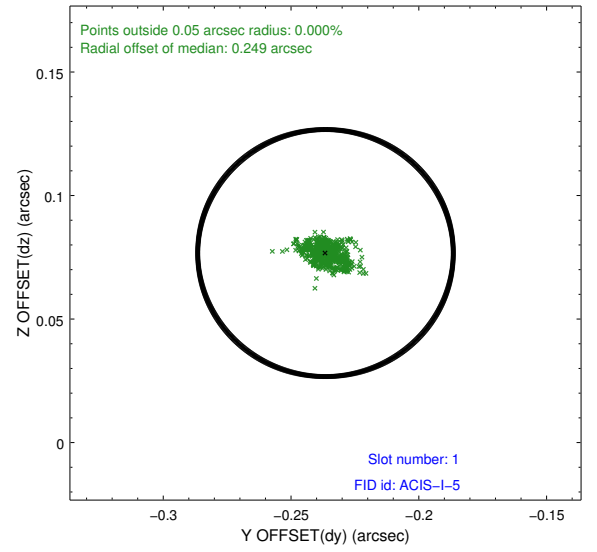
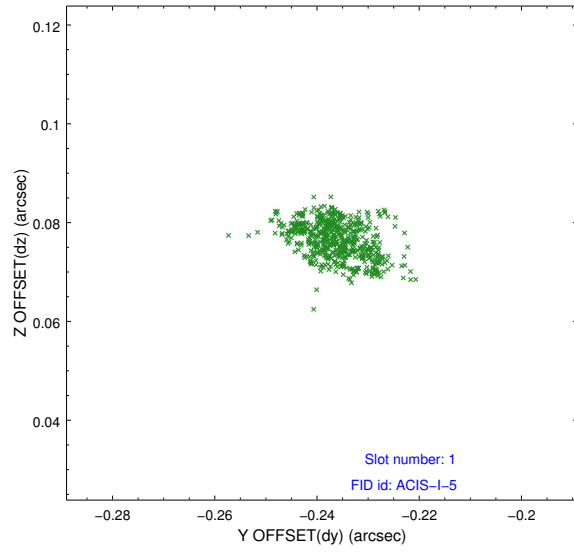


2.5 FID Slots

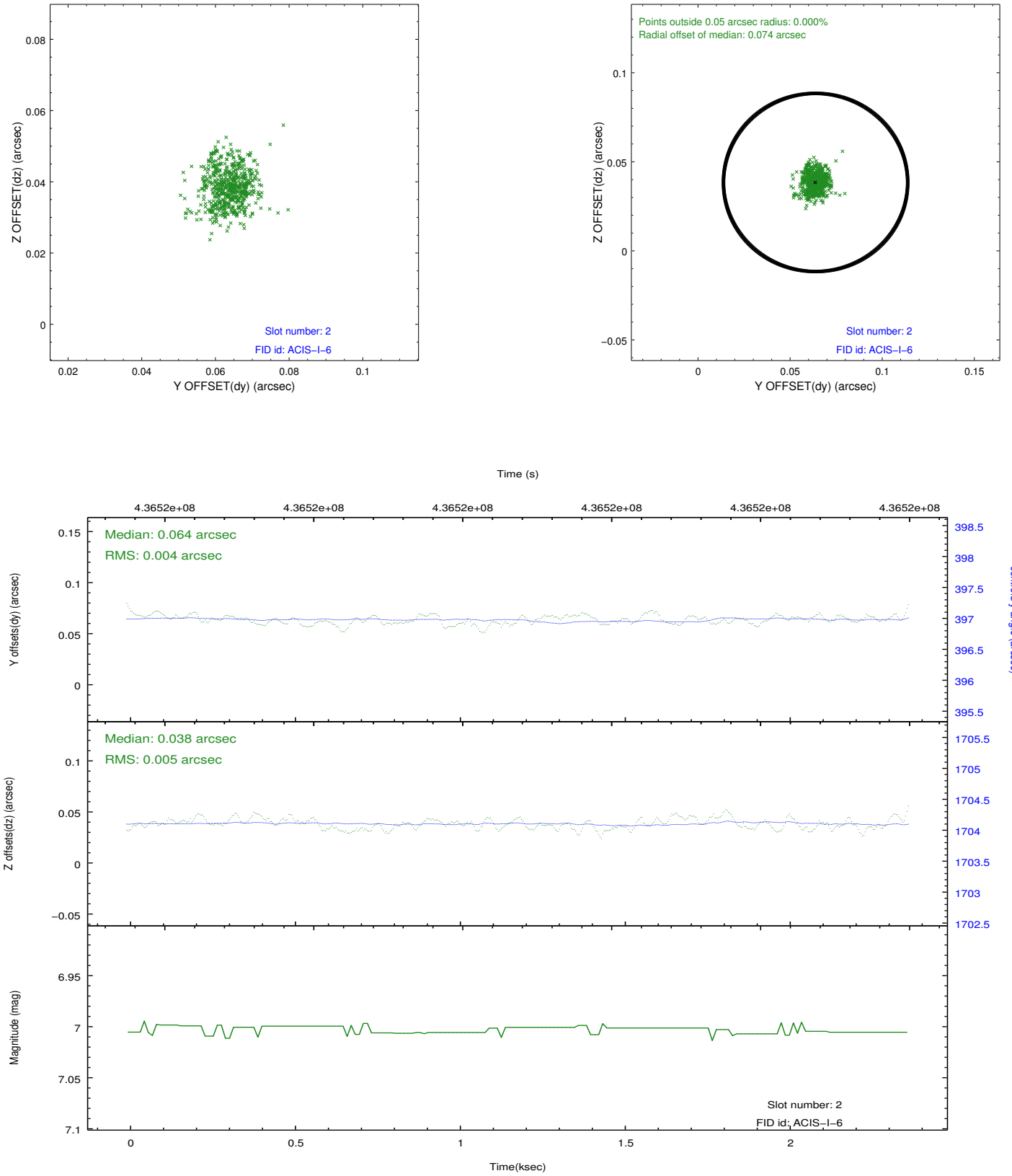
2.5.1 Slot 0



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