

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9985 - L2 Version 2
Chandra X-Ray Center

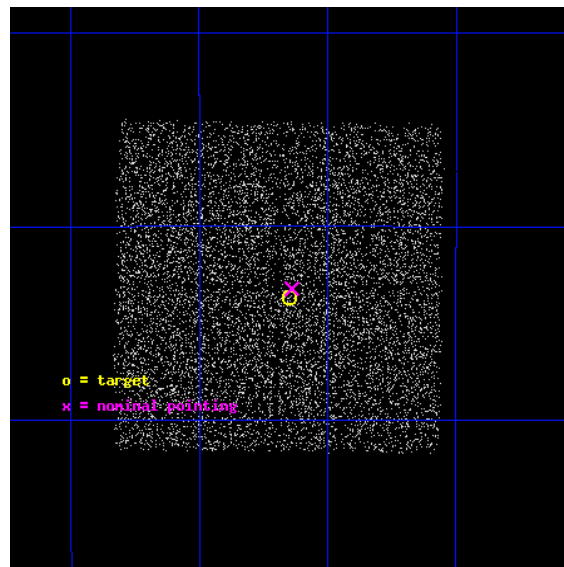
L2 Processing Date : Jun 1 2012

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1 Front

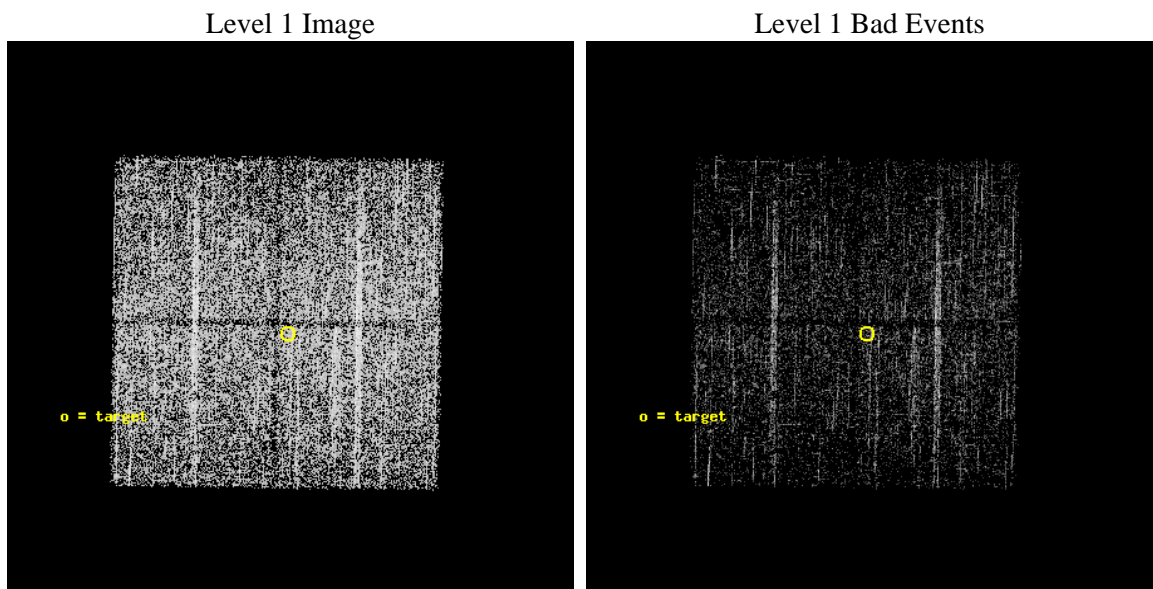
seq_num	400949	Sequence number
obs_id	9985	Observation id
title	Completing the Galactic Bulge Survey: categorising the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr Peter Jonker	Principal investigator
object	GBS1-10	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	265.912667	Observer's specified target RA [deg]
dec_targ	-26.394556	Observer's specified target Dec [deg]
ra_nom	265.90990852082	Nominal RA [deg]
dec_nom	-26.387035008485	Nominal Dec [deg]
roll_nom	90.840554466267	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2188.6000168324	Sum of GTIs [s]
livetime	2160.0043463885	Livetime [s]
ontime0	2188.6000168324	Sum of GTIs [s]
ontime1	2188.6000168324	Sum of GTIs [s]
ontime2	2188.6000168324	Sum of GTIs [s]
ontime3	2188.6000168324	Sum of GTIs [s]
l2events	10467	Number of level 2 events



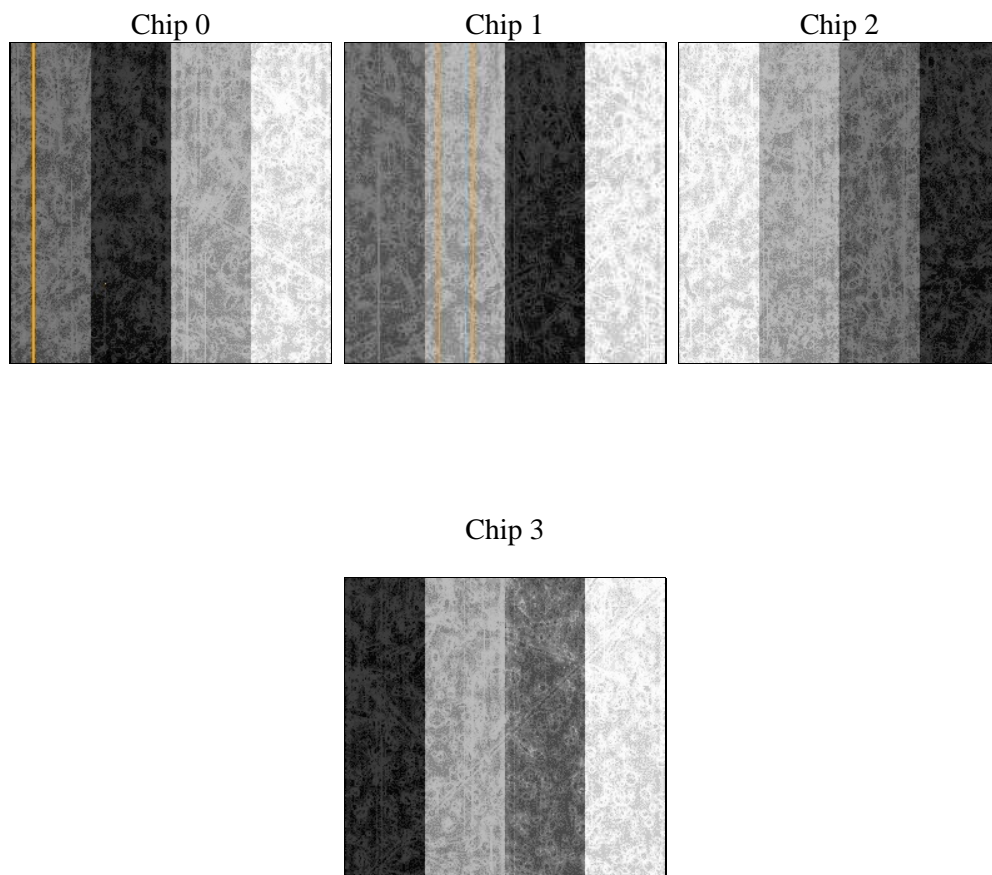
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2188.6000168324	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	2188.6000168324	Sum of GTIs [s]
date	2012-06-01T08:02:40	Date and time of file creation	ontime1	2188.6000168324	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2188.6000168324	Sum of GTIs [s]
			ontime3	2188.6000168324	Sum of GTIs [s]
			l1events	98135	Number of level 1 events

2.1.4 Events

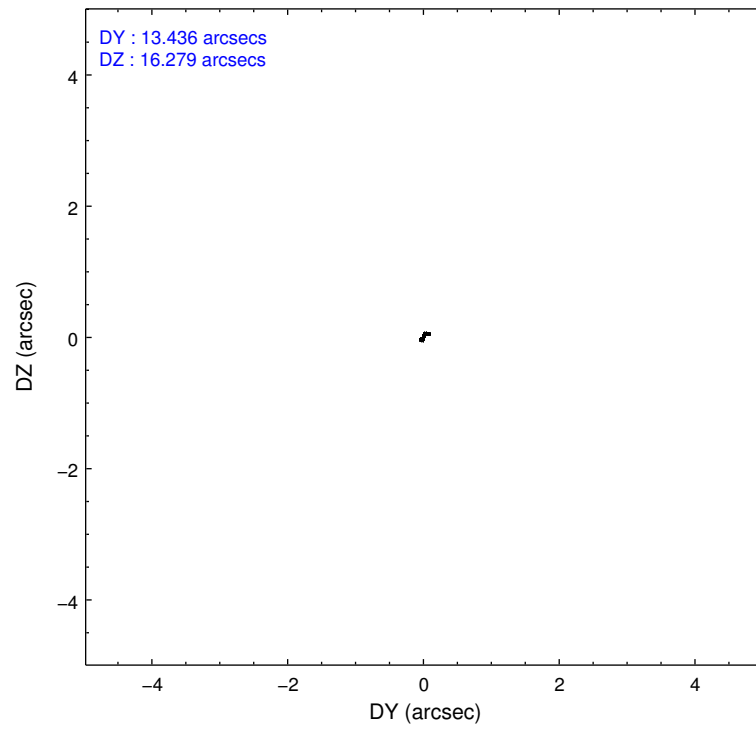
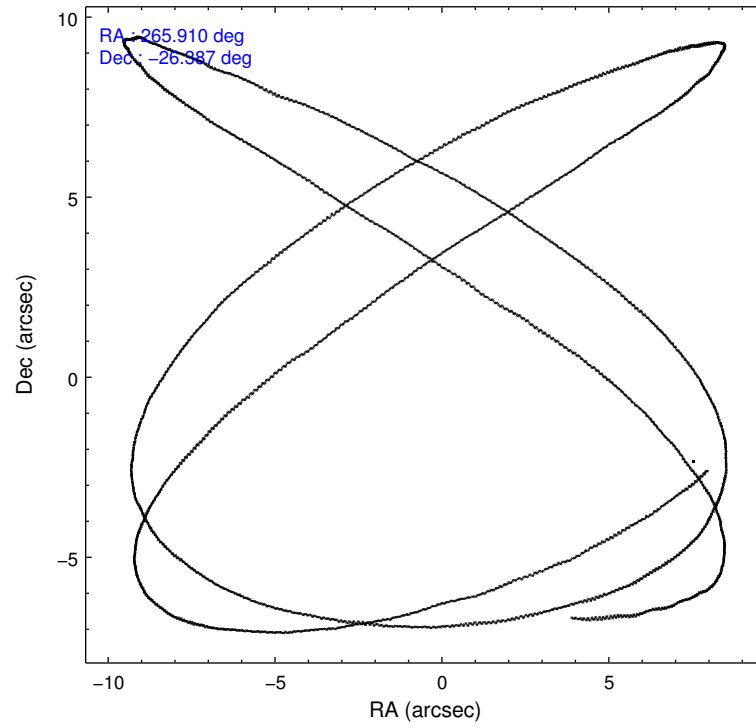
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	23199	23576	25841	25519
rejected events	20018	20482	22804	22679
rejected %	86%	86%	88%	88%

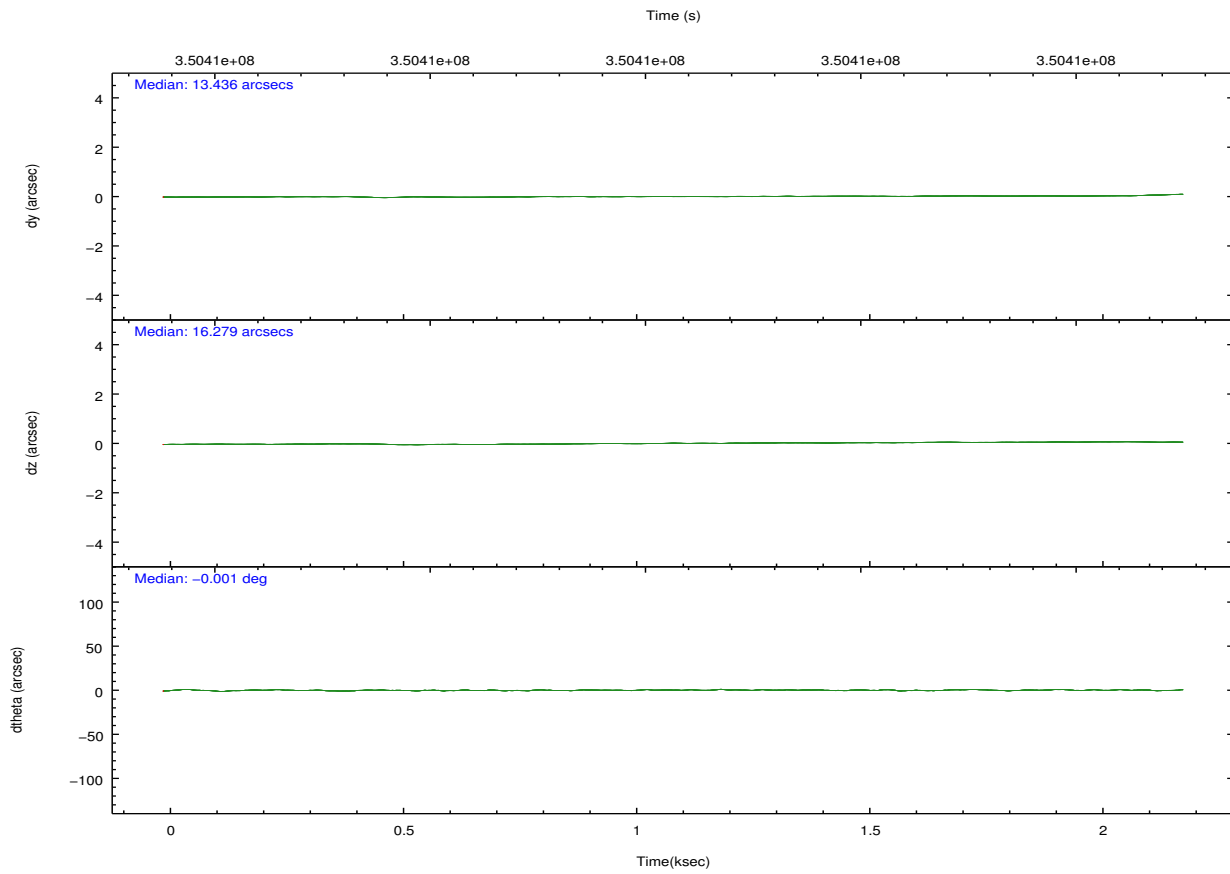
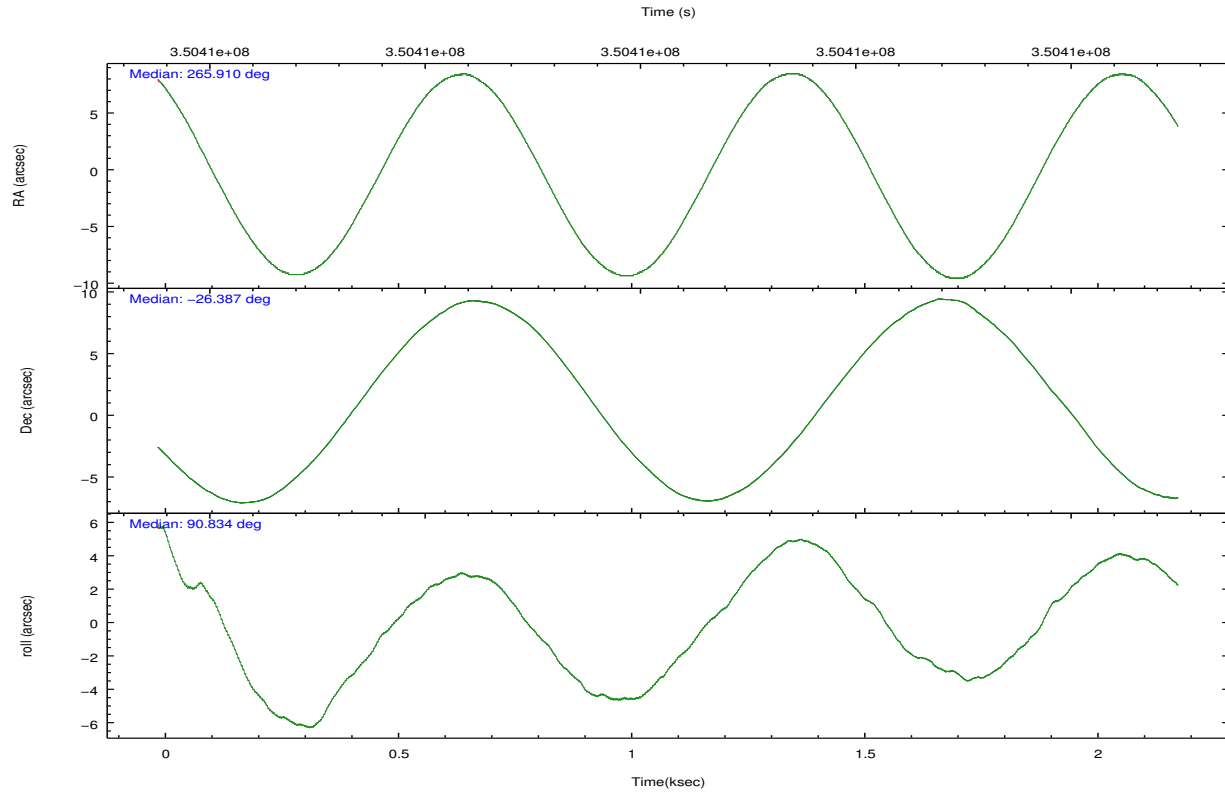
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1600	1456	1651	1496
	6%	6%	6%	5%
grade 1 events	22	15	19	24
	0%	0%	0%	0%
grade 2 events	787	798	648	652
	3%	3%	2%	2%
grade 3 events	317	319	321	274
	1%	1%	1%	1%
grade 4 events	303	312	310	309
	1%	1%	1%	1%
grade 5 events	1127	1167	1082	1260
	4%	4%	4%	4%
grade 6 events	561	650	534	543
	2%	2%	2%	2%
grade 7 events	18482	18859	21276	20961
	79%	79%	82%	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	265.925701	265.9099085208231	Subarray requested	NONE	NONE
[deg] Pointing Dec	-26.410437	-26.38703500848536	Alternating exposures requested	N	N
[deg] Pointing Roll	90.638907	90.84055446626725	[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)	350407148.184000	350406772.75866			
Observation start date	2009-02-07T15:18:02	2009-02-07T15:12:52			
[s] Observation end time (MET)	350409148.184000	350409282.47128			
Observation end date	2009-02-07T15:51:22	2009-02-07T15:54:42			
Read mode	TIMED	TIMED			

2.3 Aspect



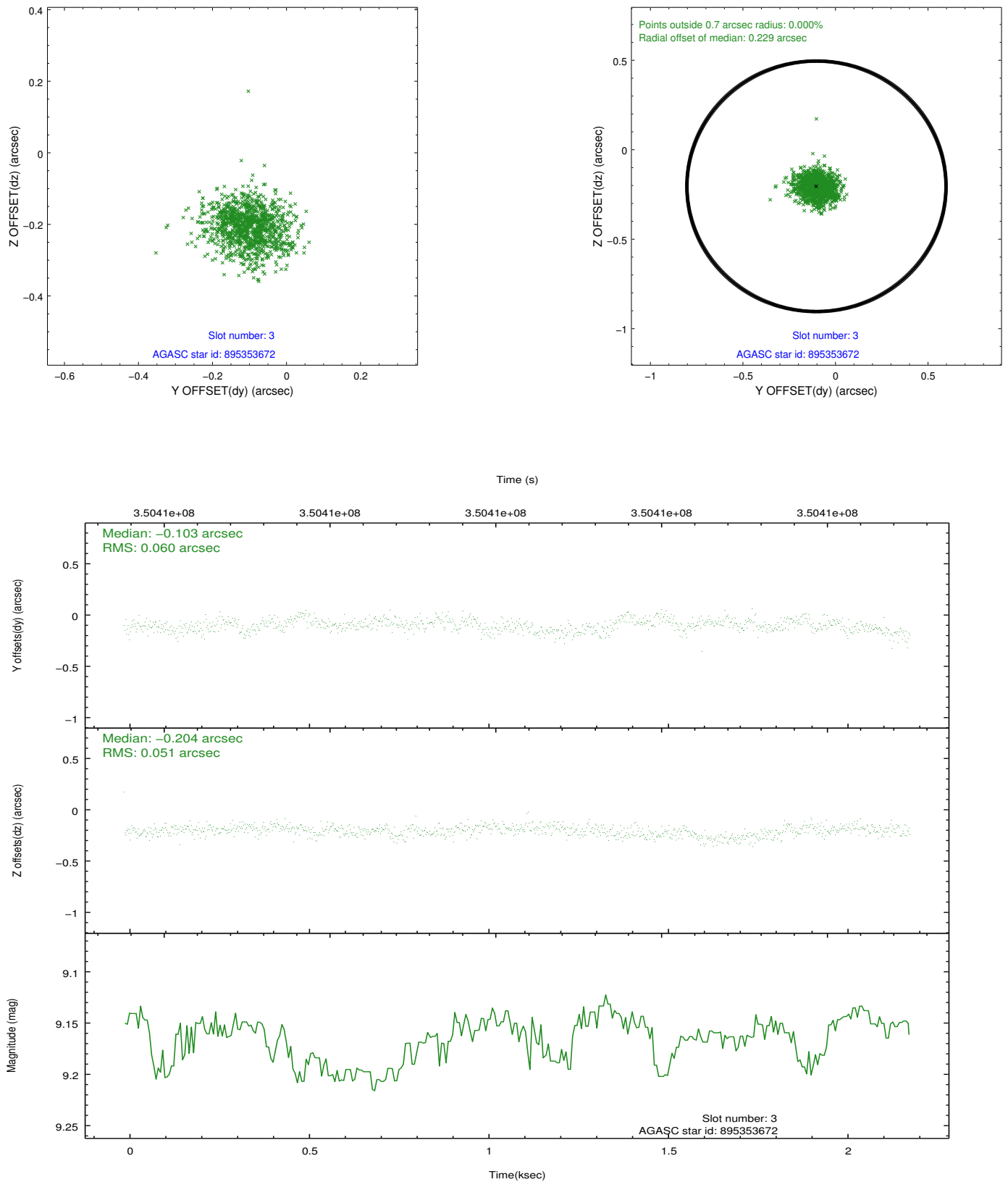


Slot Statistics

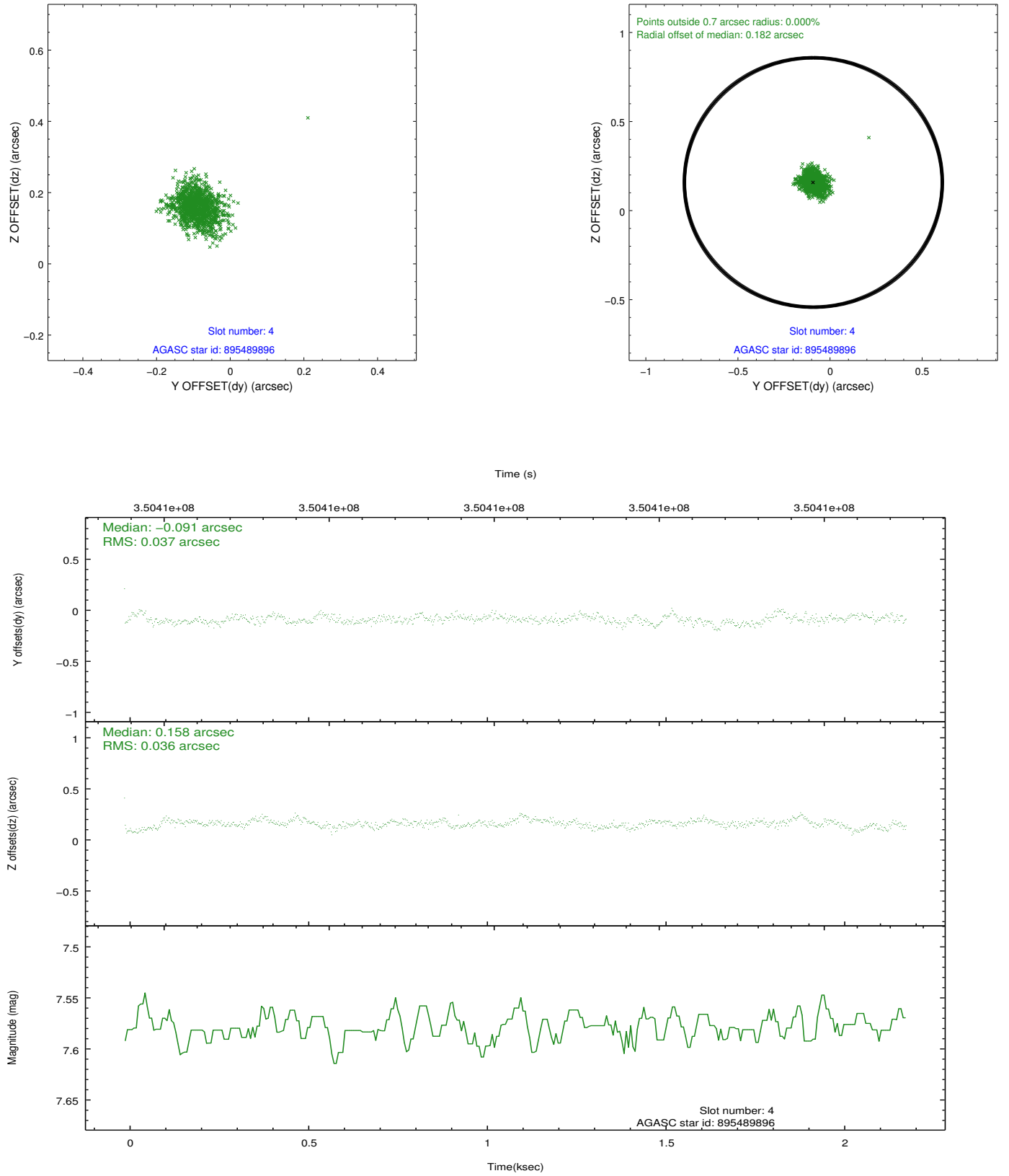
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.03	534	0.059	-0.034	0.006	0.012	0.000000	0.000000	926.11	-839.96
1	FID	ACIS-I-5	7.03	534	-0.200	0.064	0.006	0.010	0.000000	0.000000	-1820.58	1056.17
2	FID	ACIS-I-6	7.03	534	0.050	0.040	0.006	0.011	0.000000	0.000000	388.44	1703.99
3	GUIDE	895353672	9.16	1066	-0.103	-0.204	0.082	0.135	265.503544	-25.854566	2014.36	1345.73
4	GUIDE	895489896	7.58	1068	-0.091	0.158	0.054	0.089	266.605795	-26.200300	729.05	-2203.23
5	GUIDE	896013040	7.32	1068	0.275	0.023	0.064	0.099	266.506589	-26.972299	-2045.67	-1843.08
6	GUIDE	896015880	8.50	1068	-0.034	-0.115	0.078	0.123	265.986633	-26.306686	370.13	-202.30
7	GUIDE	896015112	9.17	1060	-0.045	0.150	0.102	0.163	266.684847	-26.286161	414.21	-2454.79

2.4 Star Slots

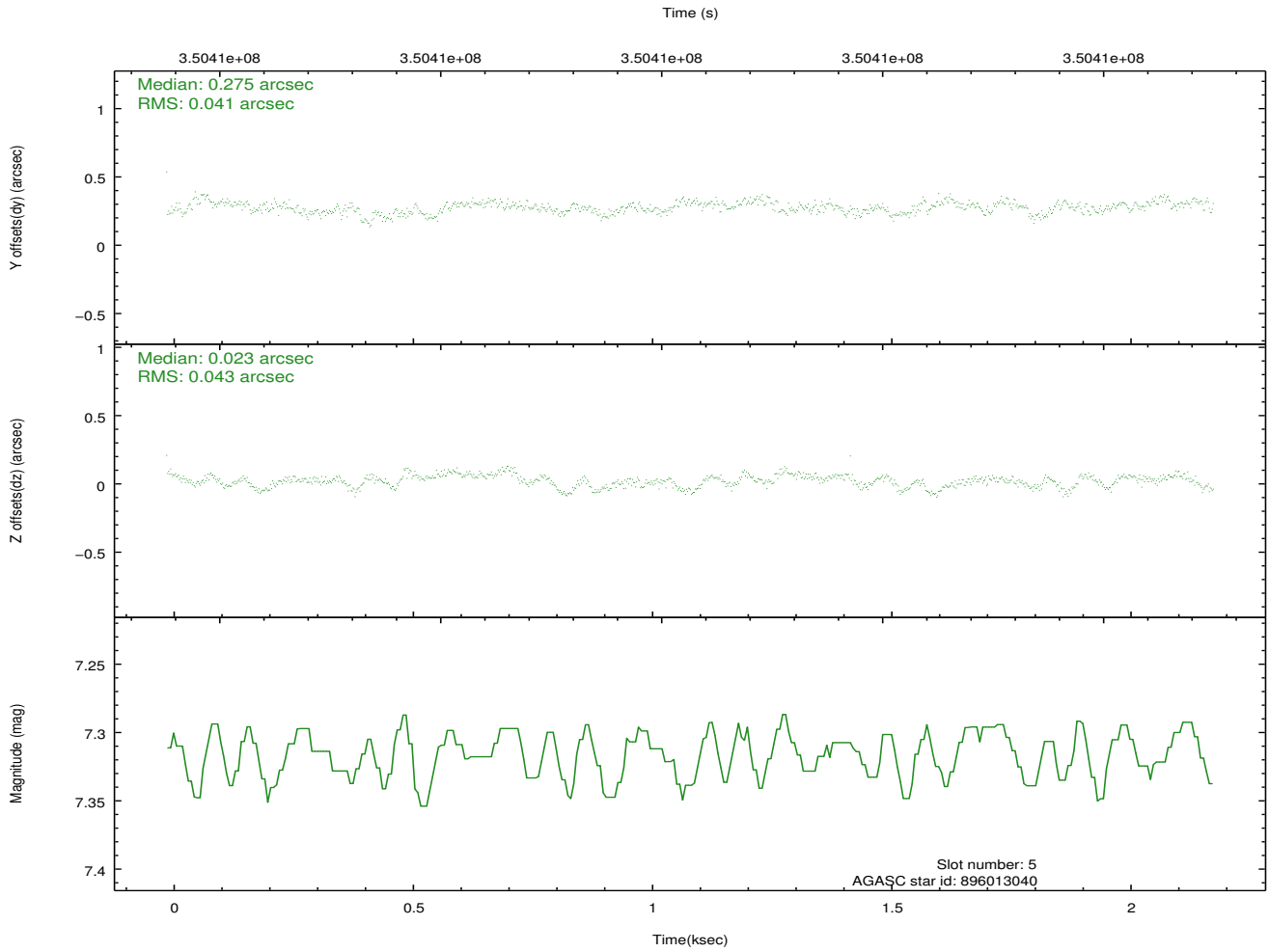
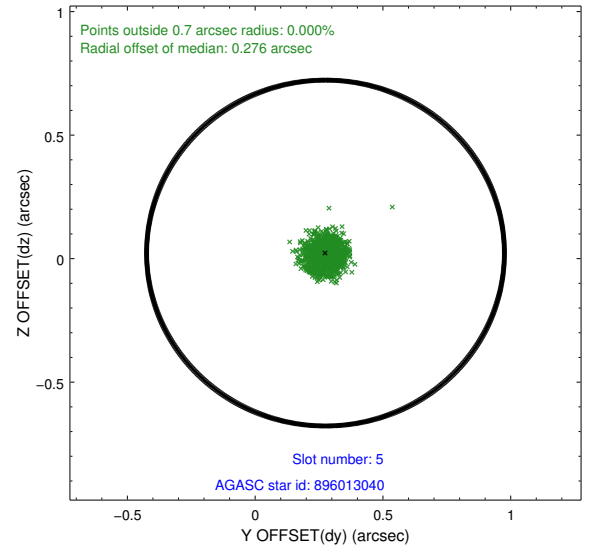
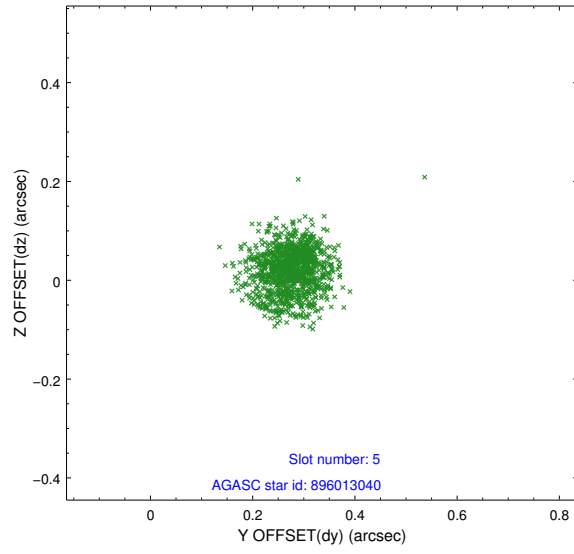
2.4.1 Slot 3



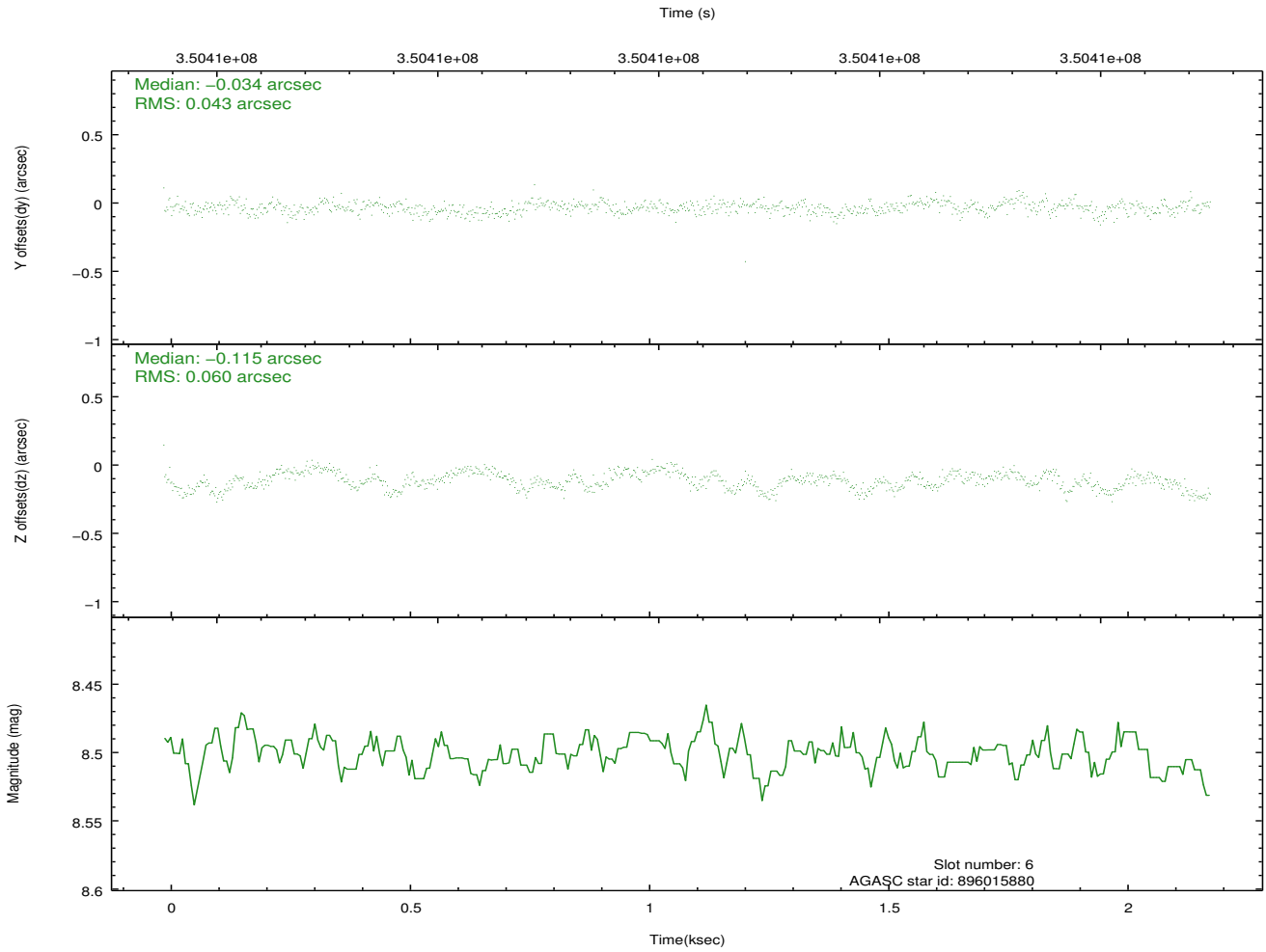
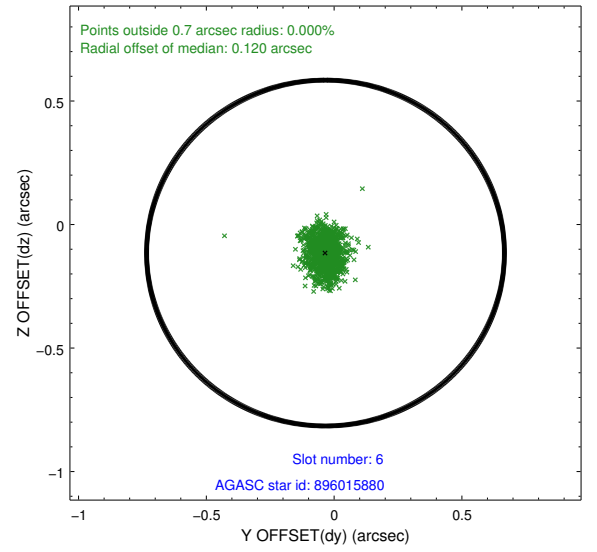
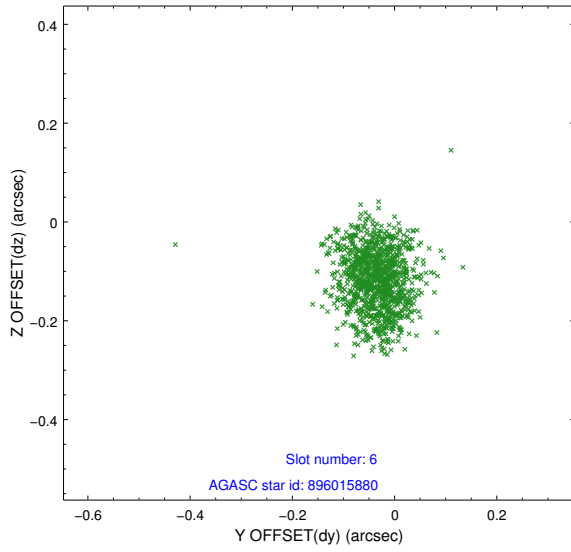
2.4.2 Slot 4



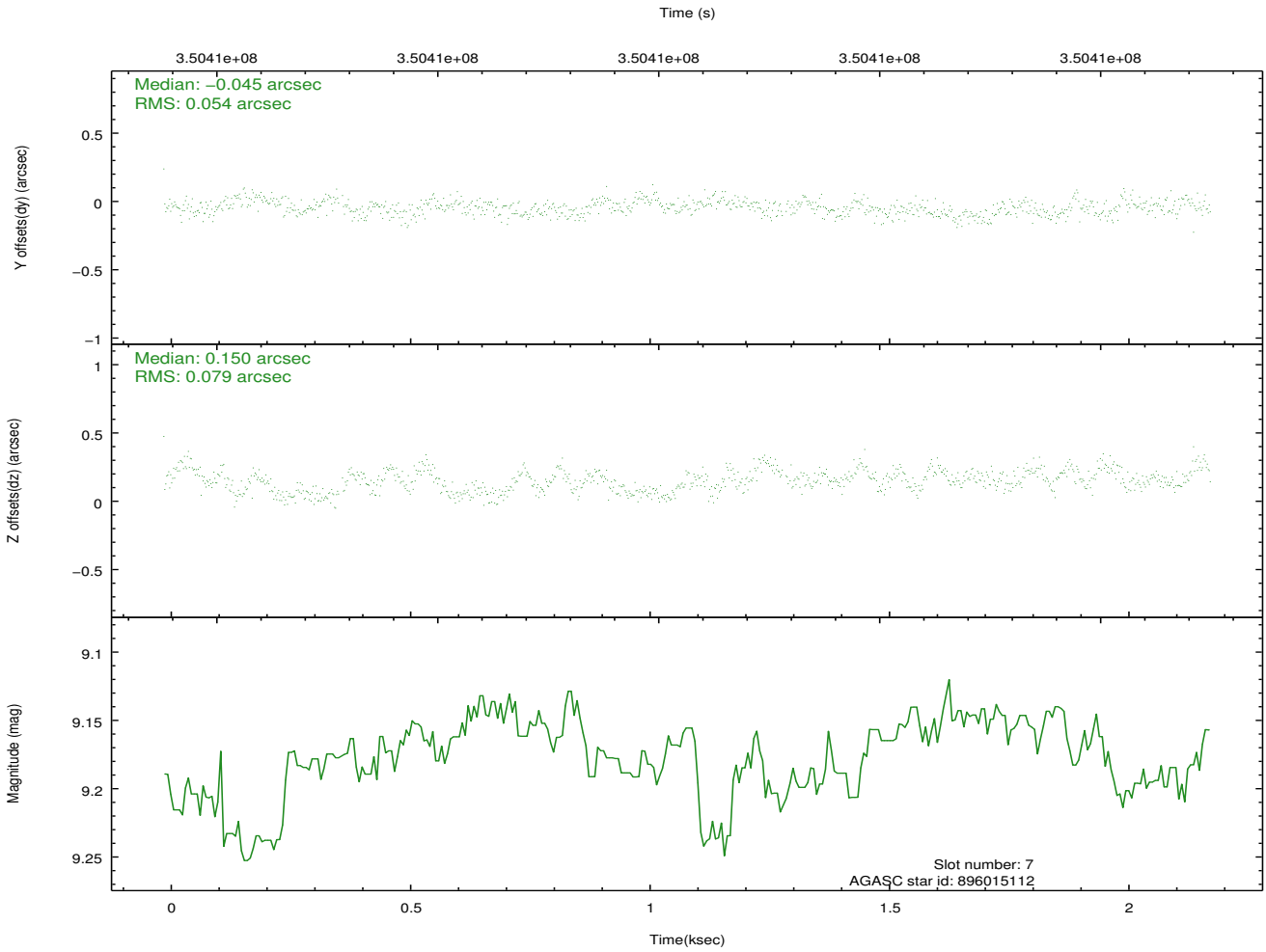
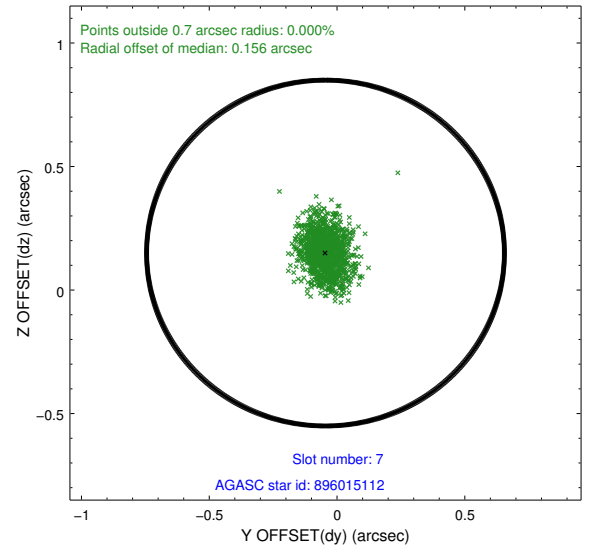
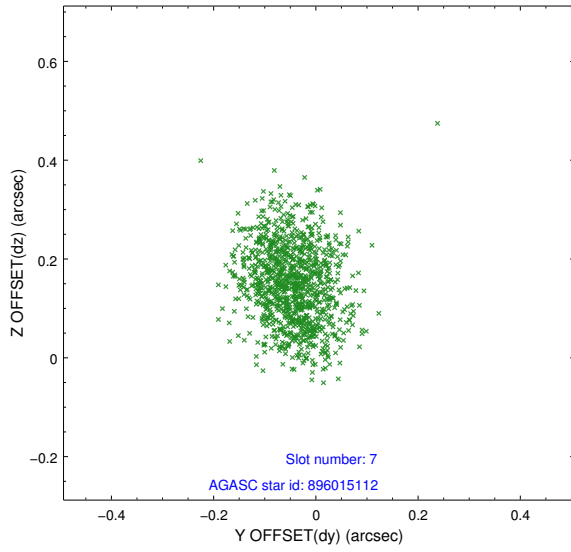
2.4.3 Slot 5



2.4.4 Slot 6

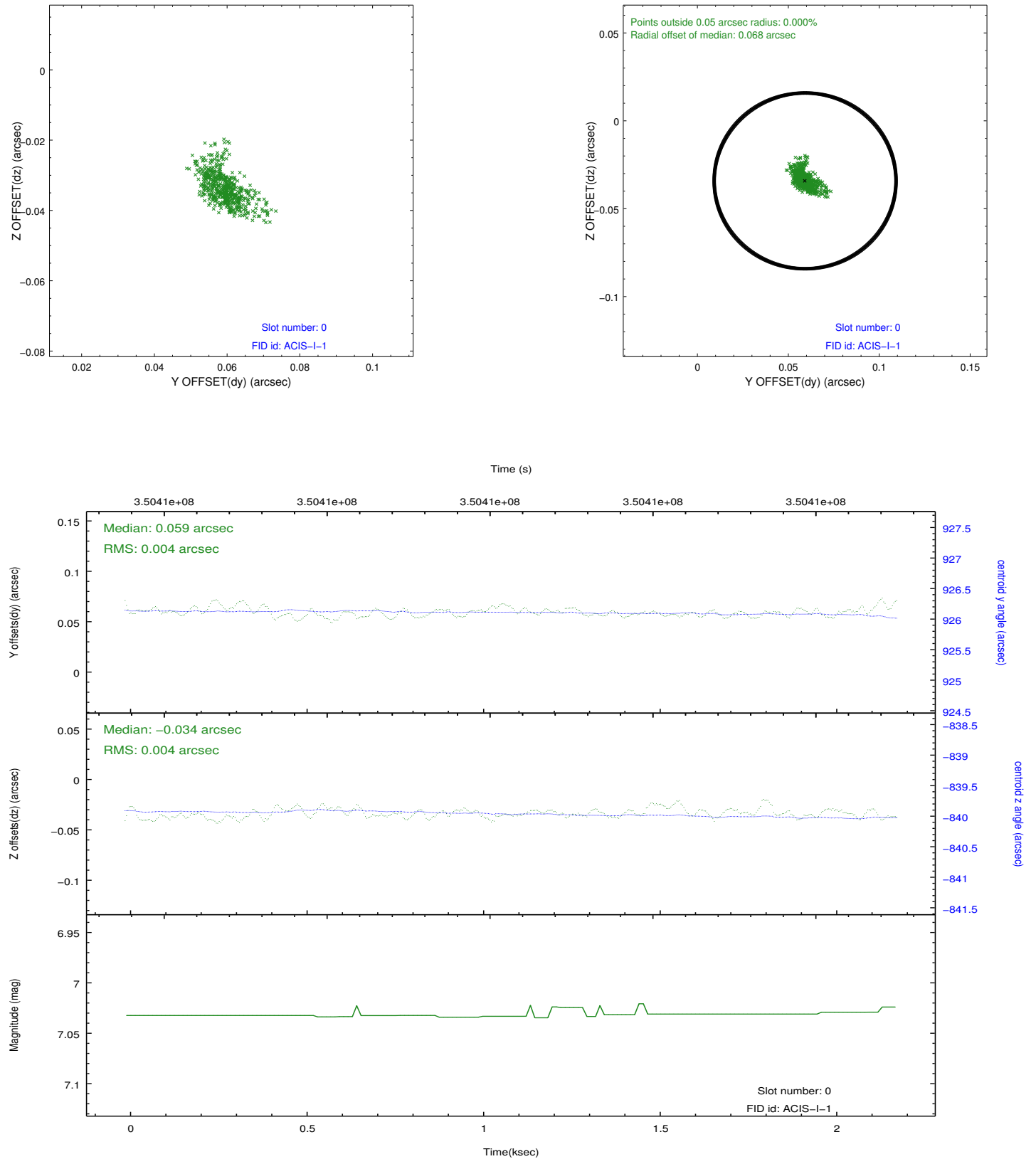


2.4.5 Slot 7

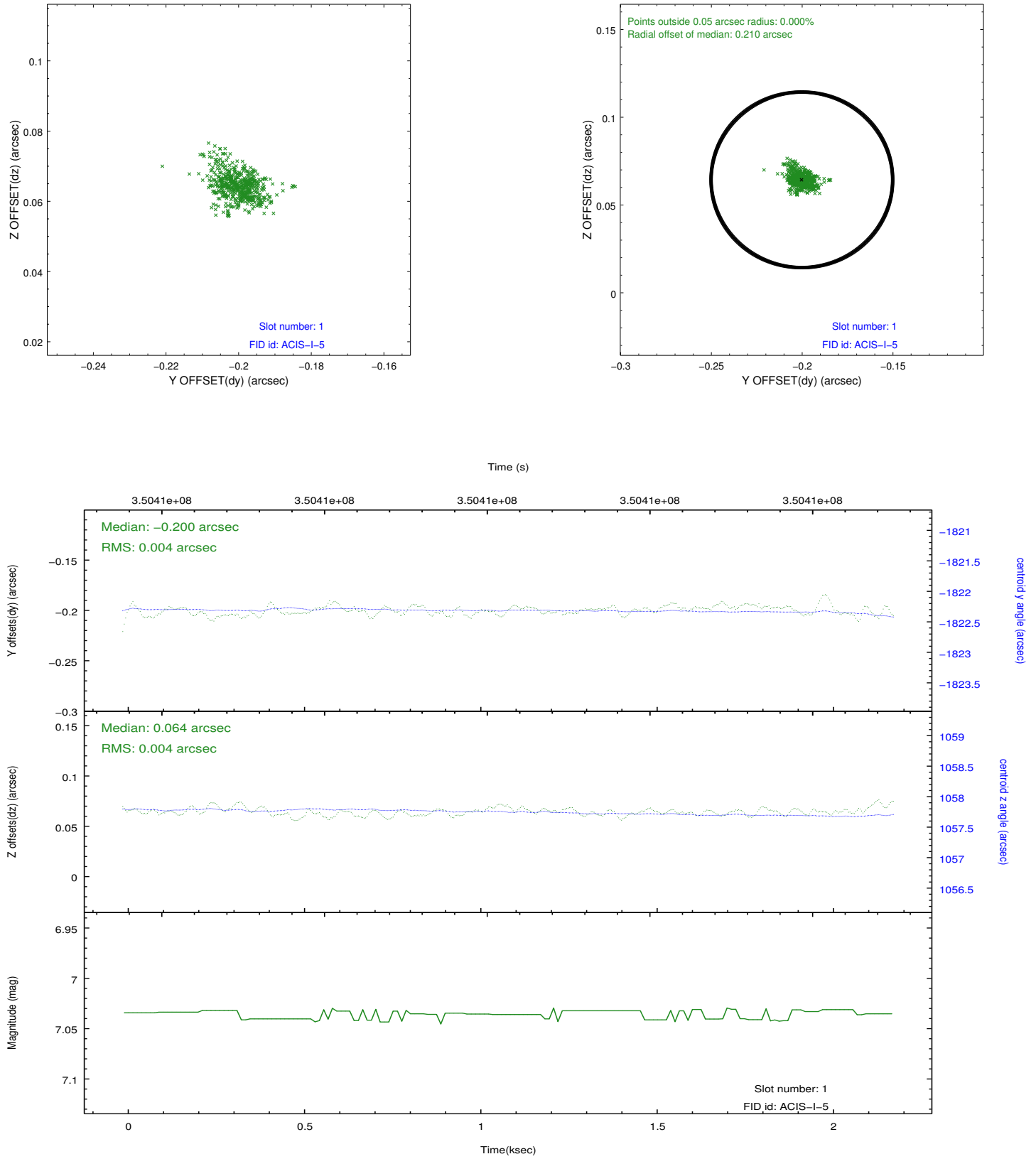


2.5 FID Slots

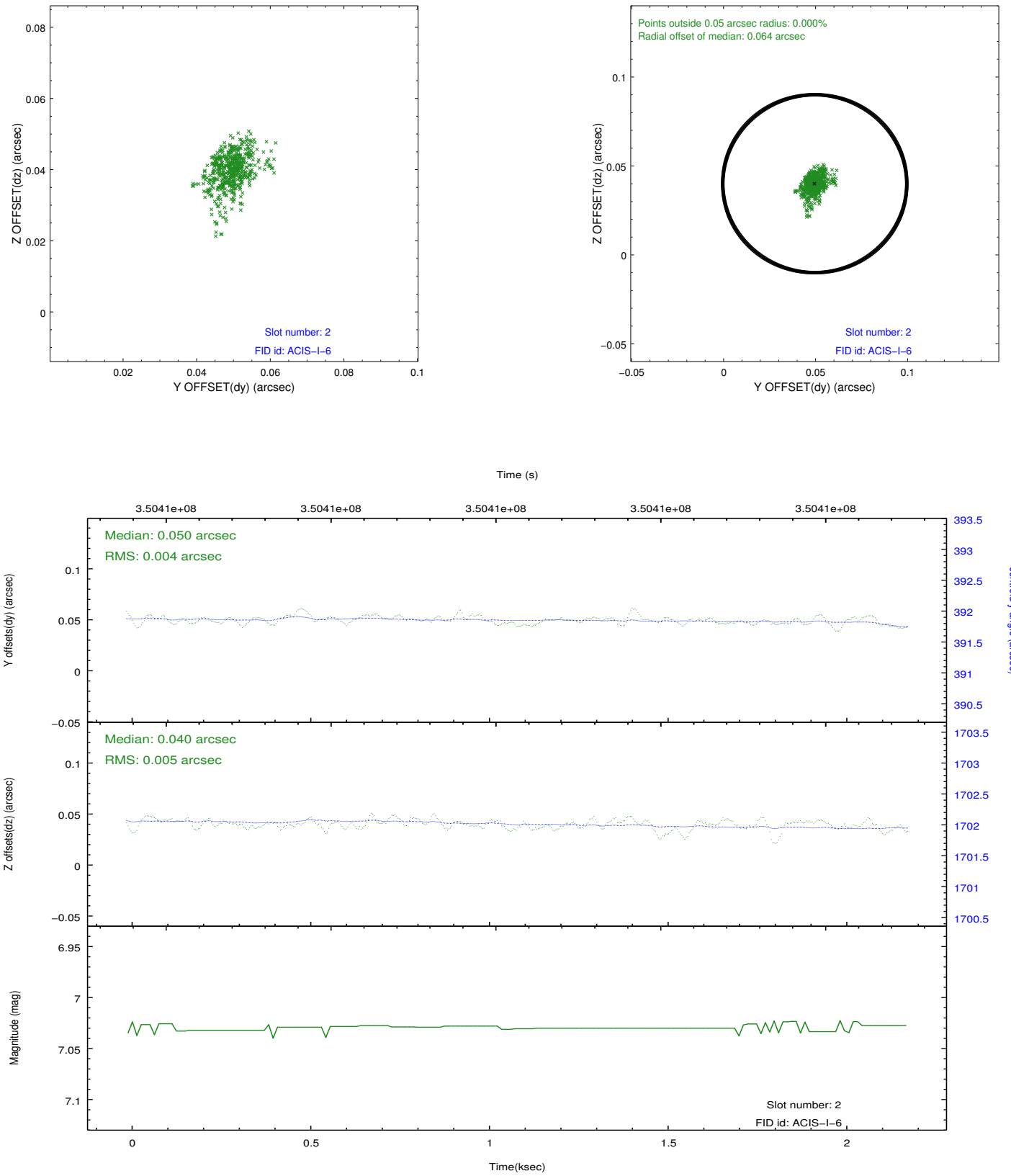
2.5.1 Slot 0



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)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18860001

A.2 Comments

Joint Proposal: NOAO