

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13582 - L2 Version 2
Chandra X-Ray Center

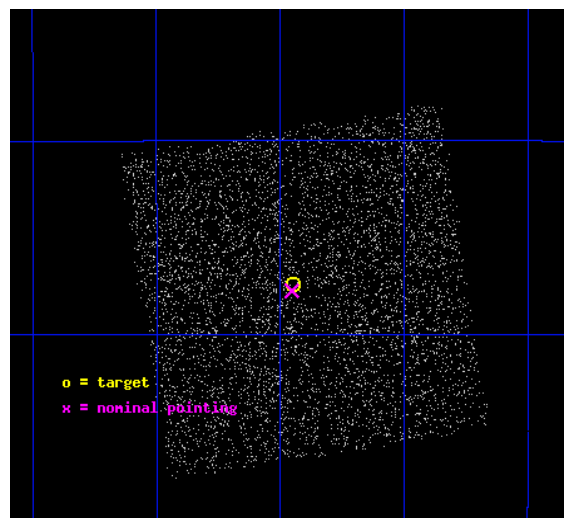
L2 Processing Date : Mar 2 2012

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1 Front

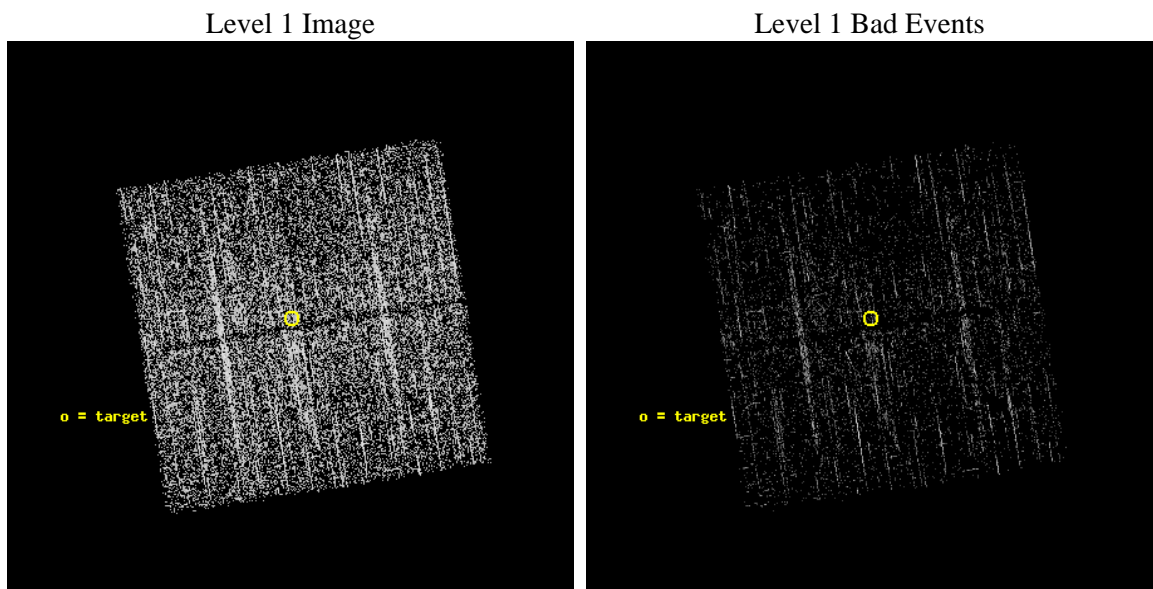
seq_num	401358	Sequence number
obs_id	13582	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.111591	Observer's specified target RA [deg]
dec_targ	-30.290532	Observer's specified target Dec [deg]
ra_nom	263.11346345155	Nominal RA [deg]
dec_nom	-30.295921872795	Nominal Dec [deg]
roll_nom	260.90226204238	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2069.7965009809	Sum of GTIs [s]
livetime	2042.7530859335	Livetime [s]
ontime0	2069.673380971	Sum of GTIs [s]
ontime1	2069.7144209743	Sum of GTIs [s]
ontime2	2066.6144906282	Sum of GTIs [s]
ontime3	2069.7965009809	Sum of GTIs [s]
l2events	5768	Number of level 2 events



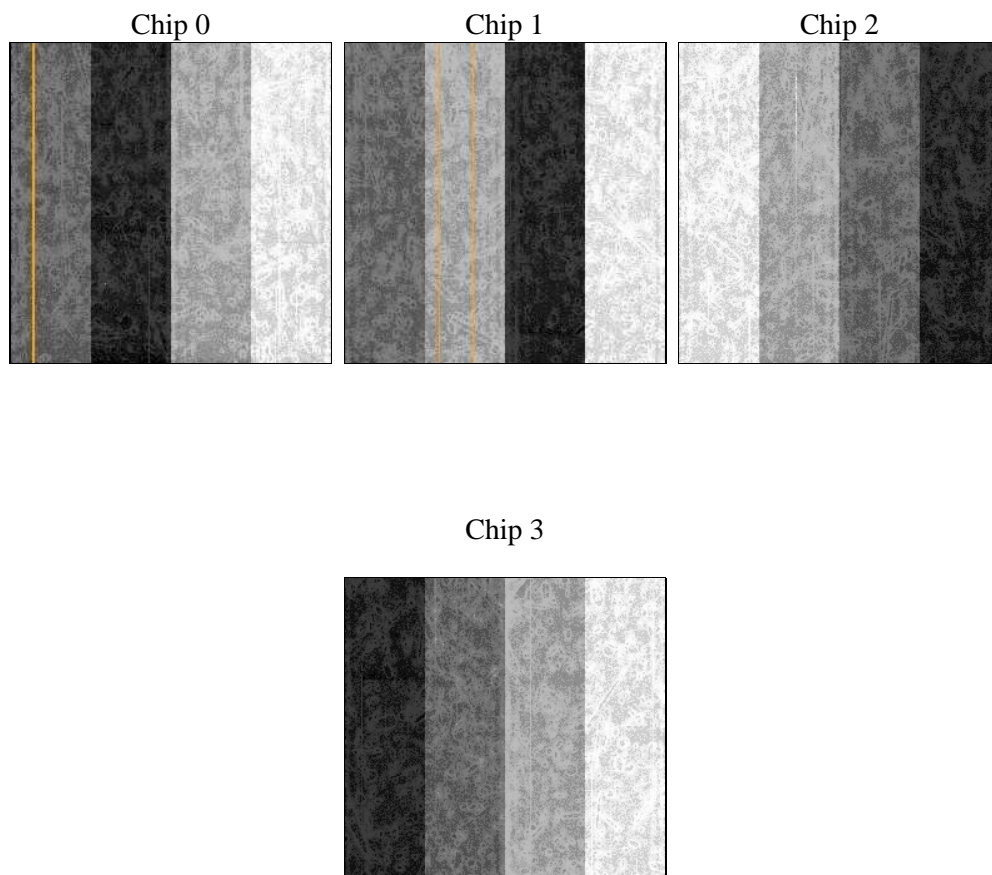
2 OBI

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	8.4.3	Processing system revision	ontime	2069.7965009809	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	2069.673380971	Sum of GTIs [s]
date	2012-03-02T14:21:11	Date and time of file creation	ontime1	2069.7144209743	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2066.6144906282	Sum of GTIs [s]
			ontime3	2069.7965009809	Sum of GTIs [s]
			l1events	50156	Number of level 1 events

2.1.4 Events

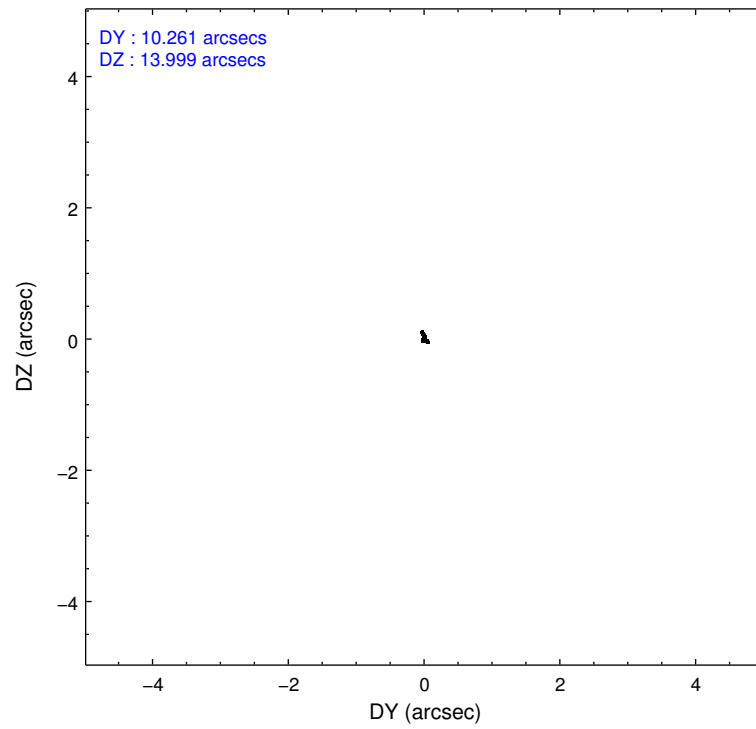
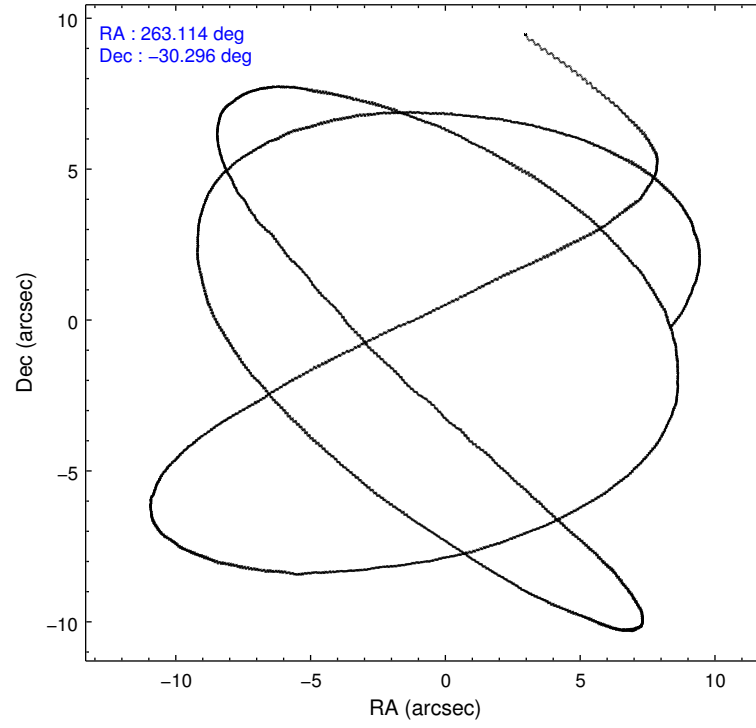
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	11988	11995	13564	12609
rejected events	10333	10213	11928	10948
rejected %	86%	85%	87%	86%

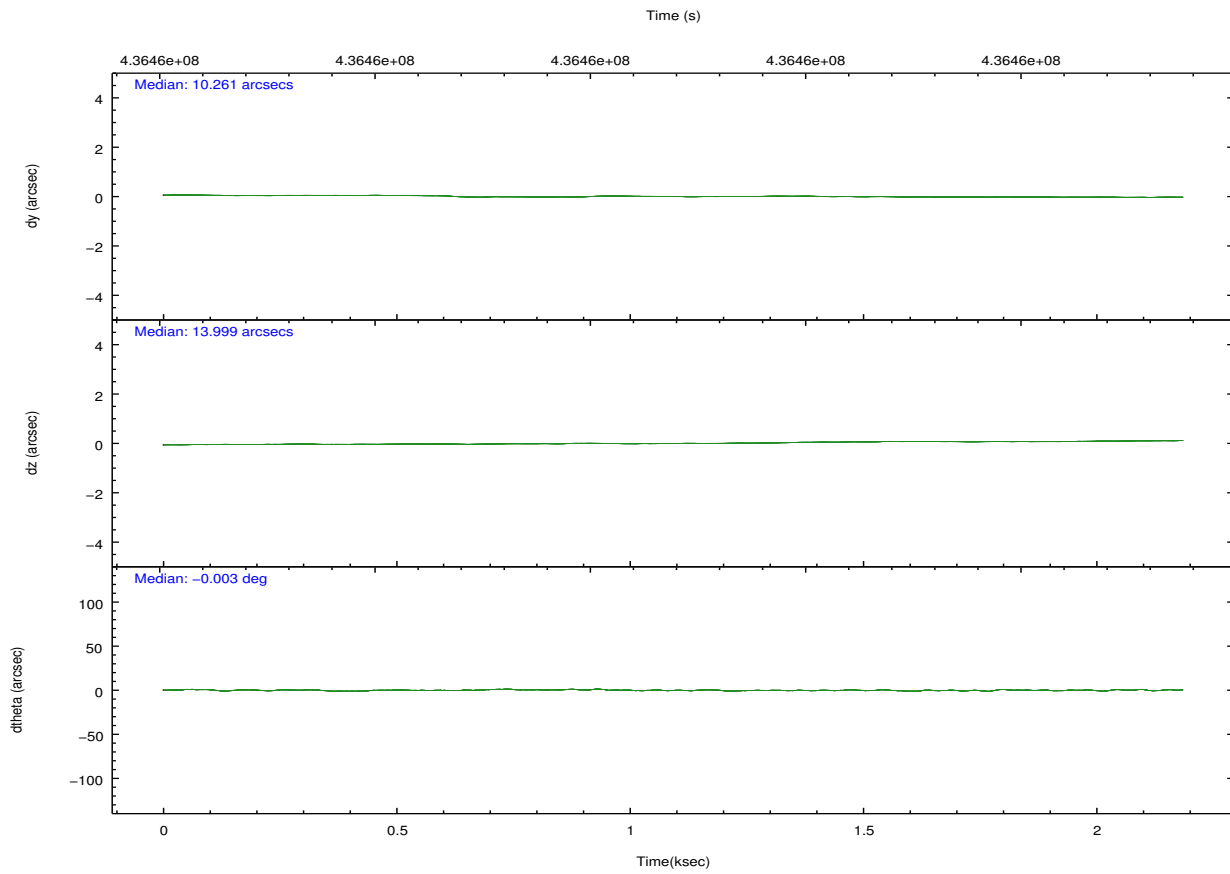
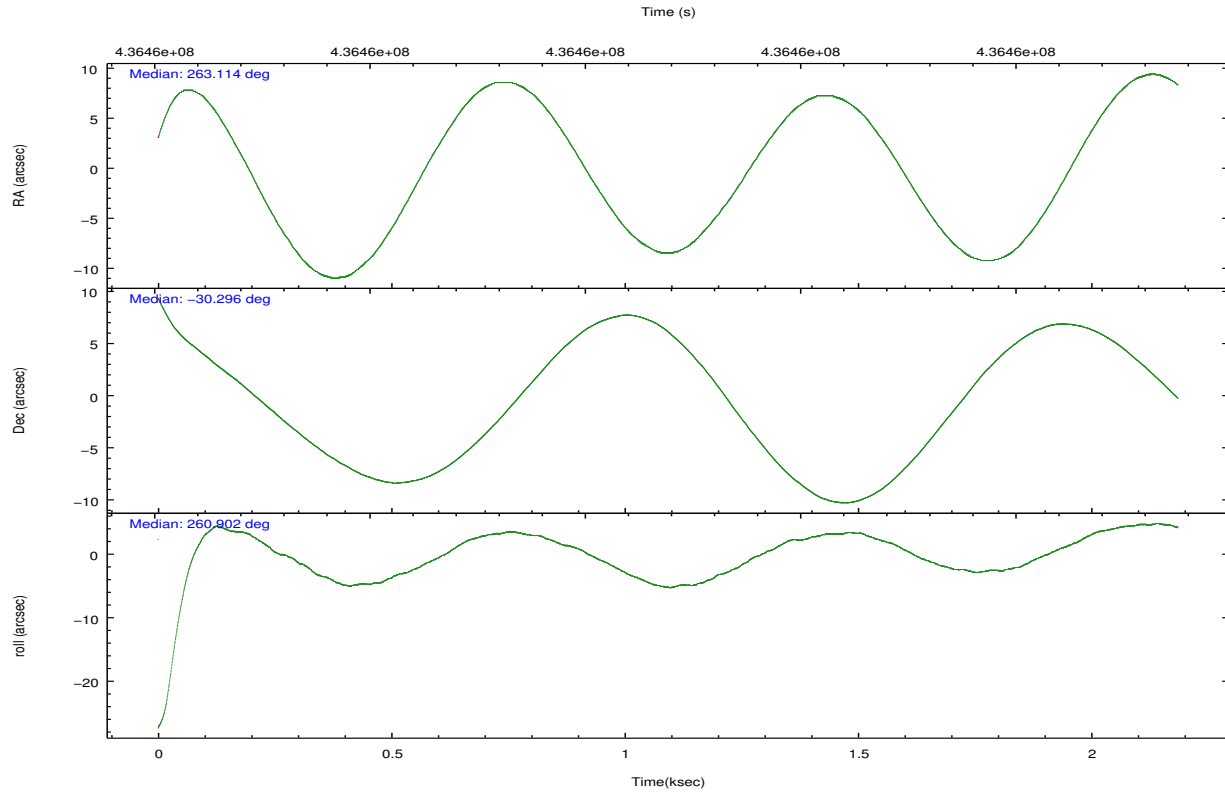
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	697	745	699	713
	5%	6%	5%	5%
grade 1 events	11	8	8	10
	0%	0%	0%	0%
grade 2 events	363	406	373	322
	3%	3%	2%	2%
grade 3 events	169	143	129	161
	1%	1%	0%	1%
grade 4 events	158	171	145	155
	1%	1%	1%	1%
grade 5 events	537	608	564	639
	4%	5%	4%	5%
grade 6 events	271	321	292	311
	2%	2%	2%	2%
grade 7 events	9782	9593	11354	10298
	81%	79%	83%	81%

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	263.101921	263.1134634515487	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.270415	-30.29592187279492	Alternating exposures requested	N	N
[deg] Pointing Roll	260.687940	260.9022620423781	[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)	436455289.184000	436453919.36588			
Observation start date	2011-10-31T13:33:43	2011-10-31T13:11:59			
[s] Observation end time (MET)	436457289.184000	436457423.32856			
Observation end date	2011-10-31T14:07:03	2011-10-31T14:10:23			
Read mode	TIMED	TIMED			

2.3 Aspect



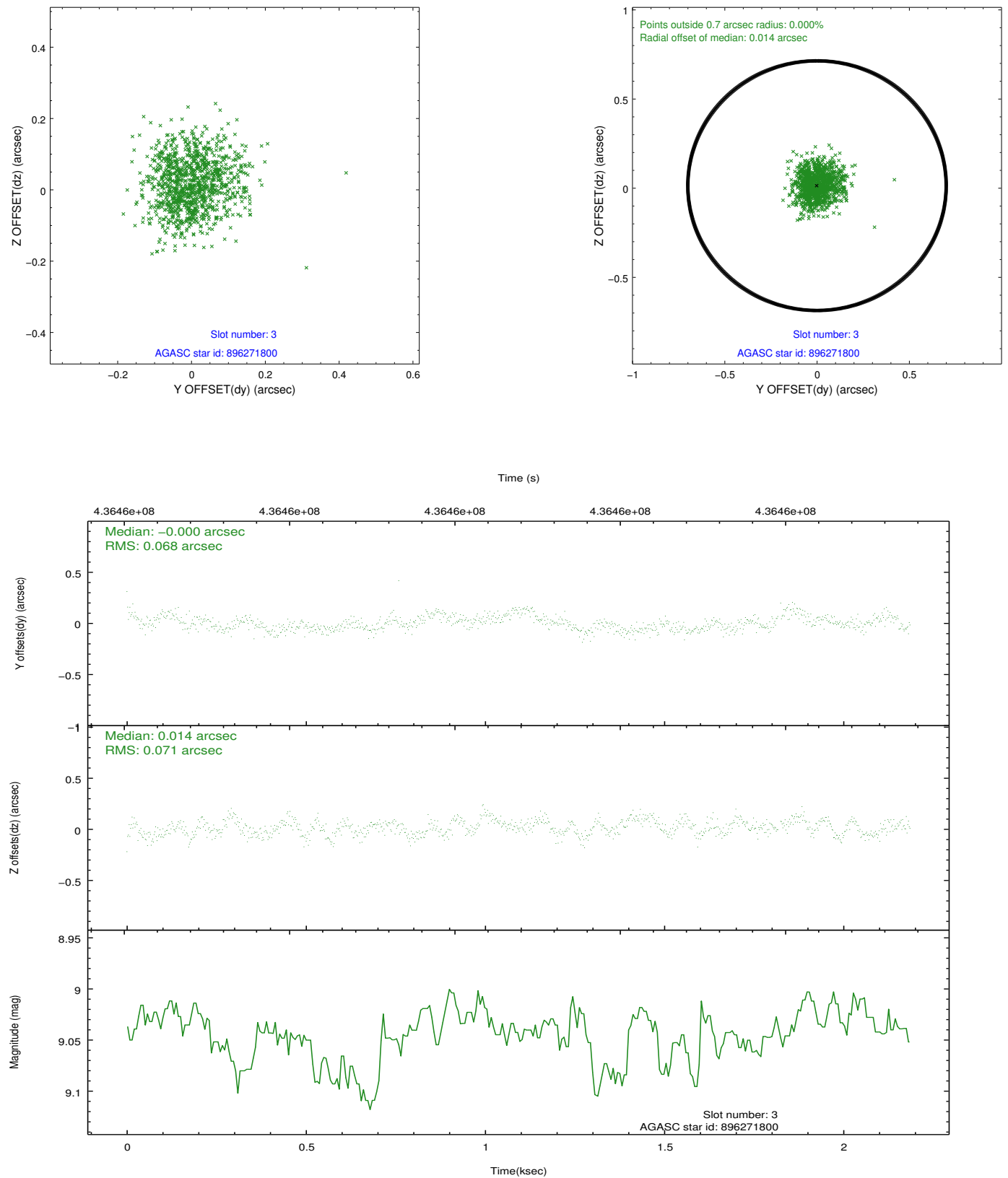


Slot Statistics

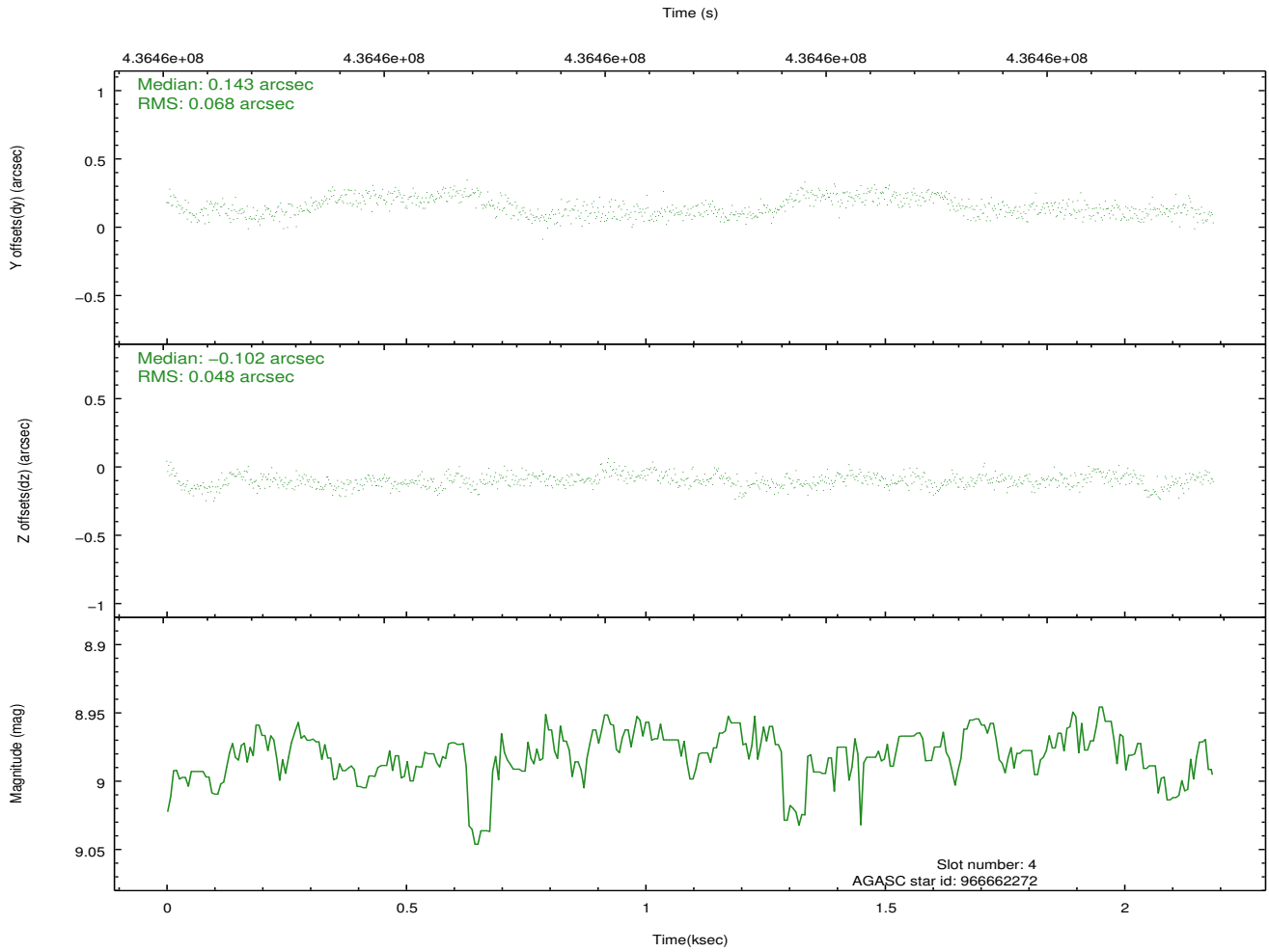
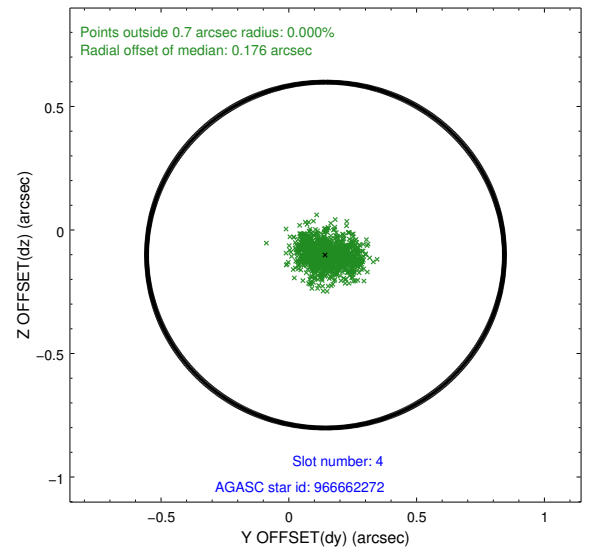
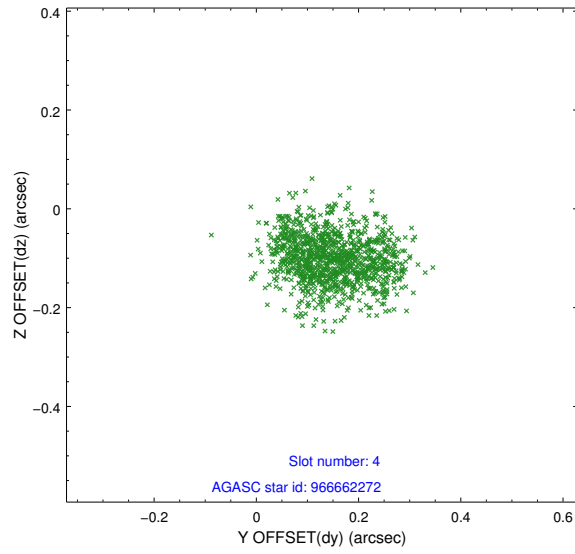
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.05	534	0.056	-0.003	0.008	0.014	0.000000	0.000000	929.39	-837.58
1	FID	ACIS-I-5	7.04	534	-0.220	0.063	0.007	0.012	0.000000	0.000000	-1817.36	1058.45
2	FID	ACIS-I-6	7.05	534	0.071	0.009	0.011	0.016	0.000000	0.000000	391.68	1706.30
3	GUIDE	896271800	9.04	1063	-0.000	0.014	0.104	0.164	262.457136	-29.780549	-1407.94	-2272.65
4	GUIDE	966662272	8.98	1066	0.143	-0.102	0.092	0.143	263.174237	-30.699270	1486.96	468.51
5	GUIDE	966787992	7.72	1067	-0.003	0.102	0.067	0.107	263.507229	-30.411177	300.80	1324.66
6	GUIDE	896276584	7.40	1067	-0.170	-0.063	0.071	0.115	263.264332	-29.650845	-2282.05	141.71
7	GUIDE	966787912	8.19	1065	0.007	0.043	0.069	0.104	263.385116	-30.640247	1171.61	1081.41

2.4 Star Slots

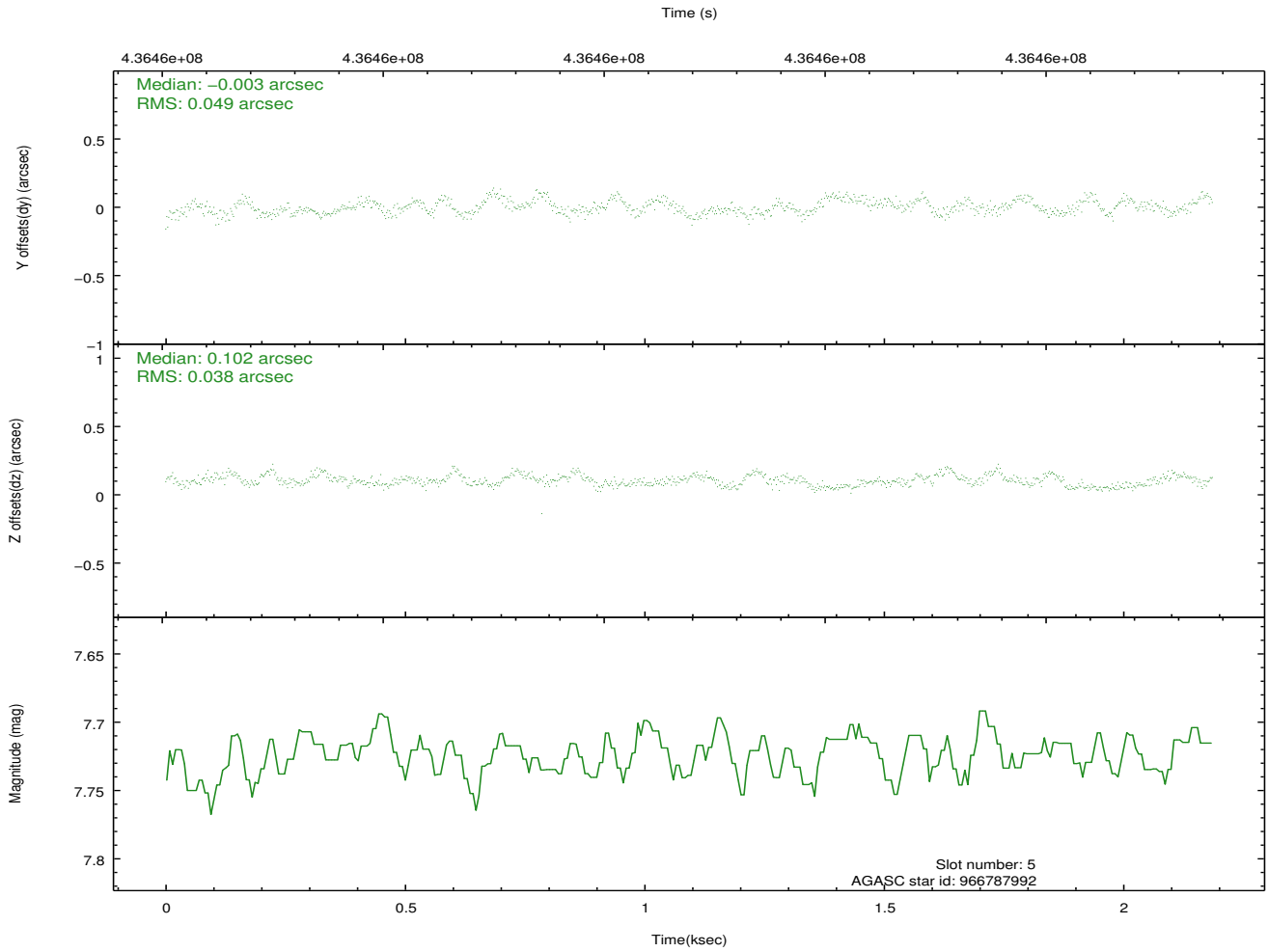
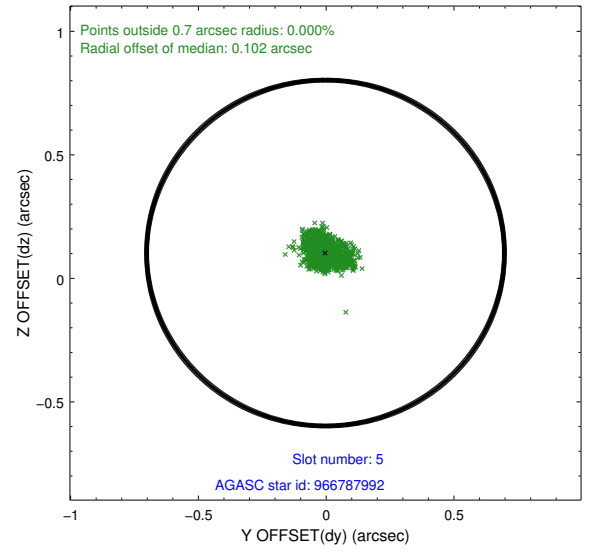
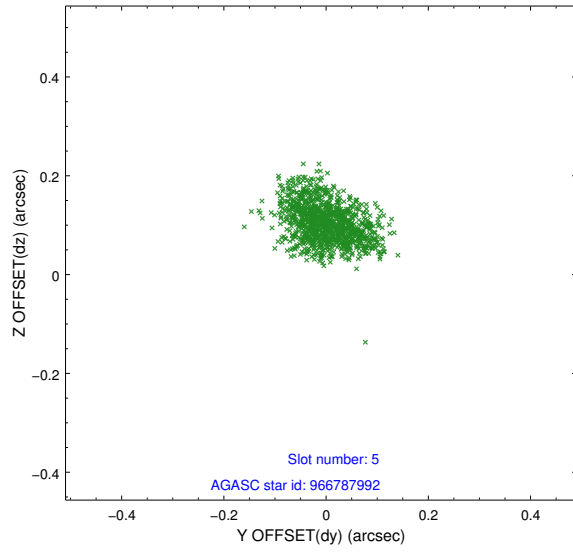
2.4.1 Slot 3



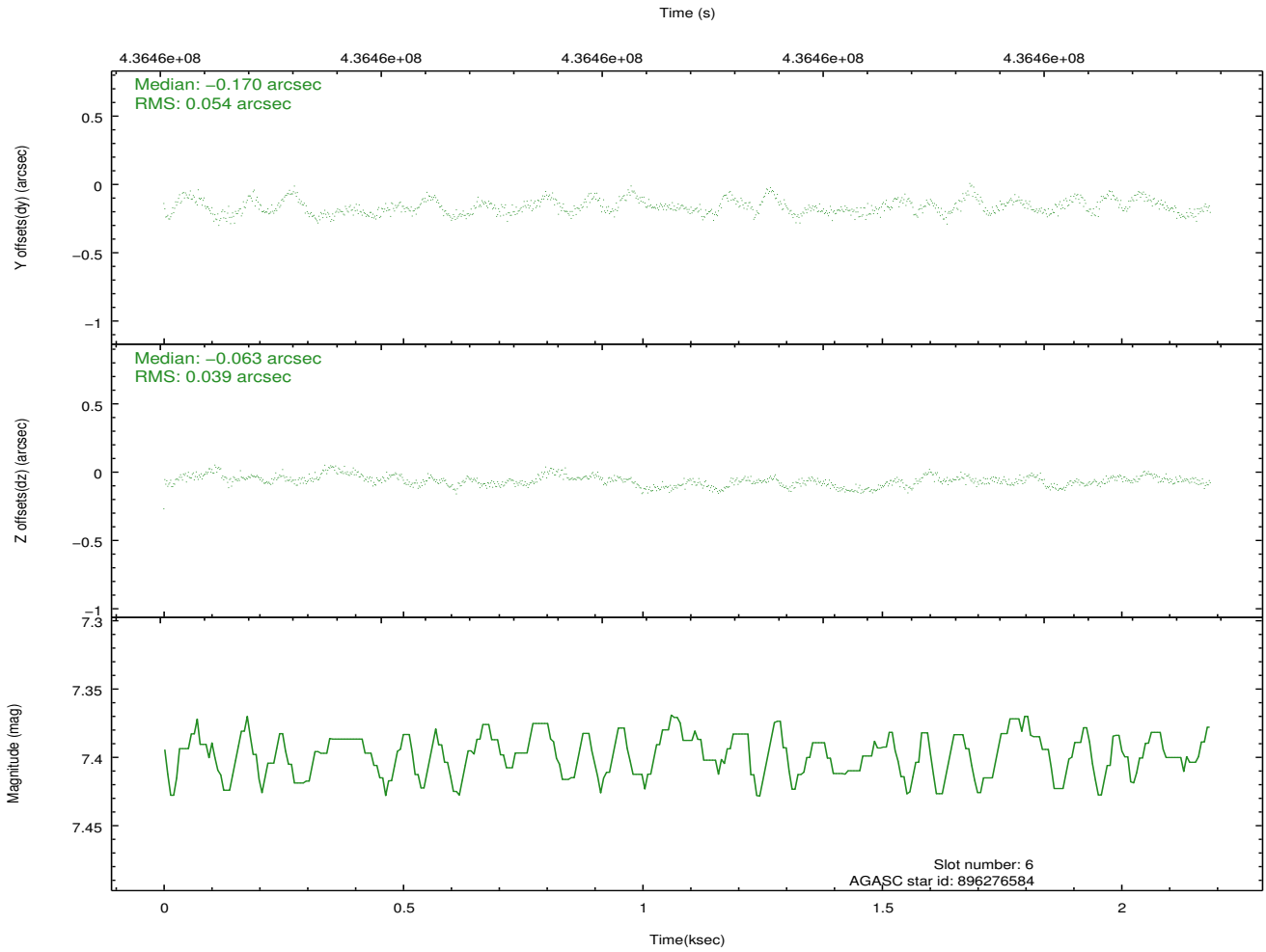
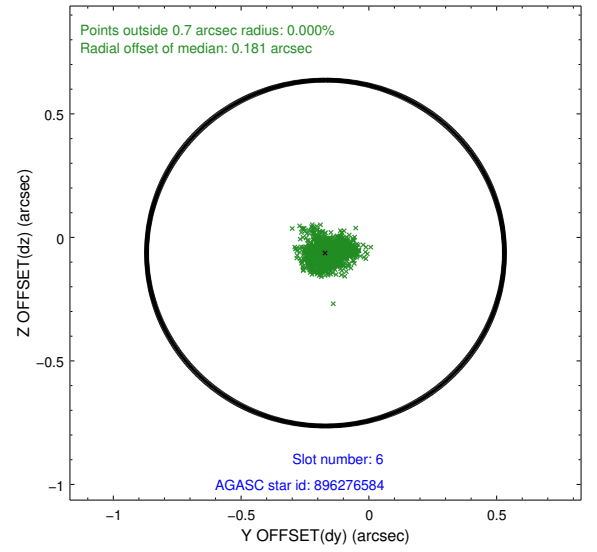
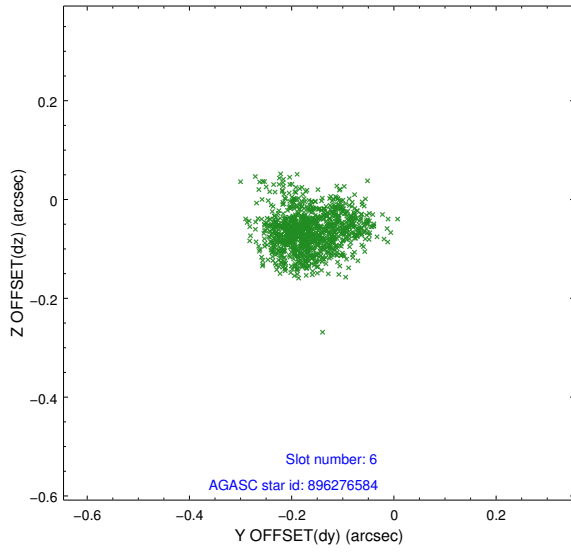
2.4.2 Slot 4



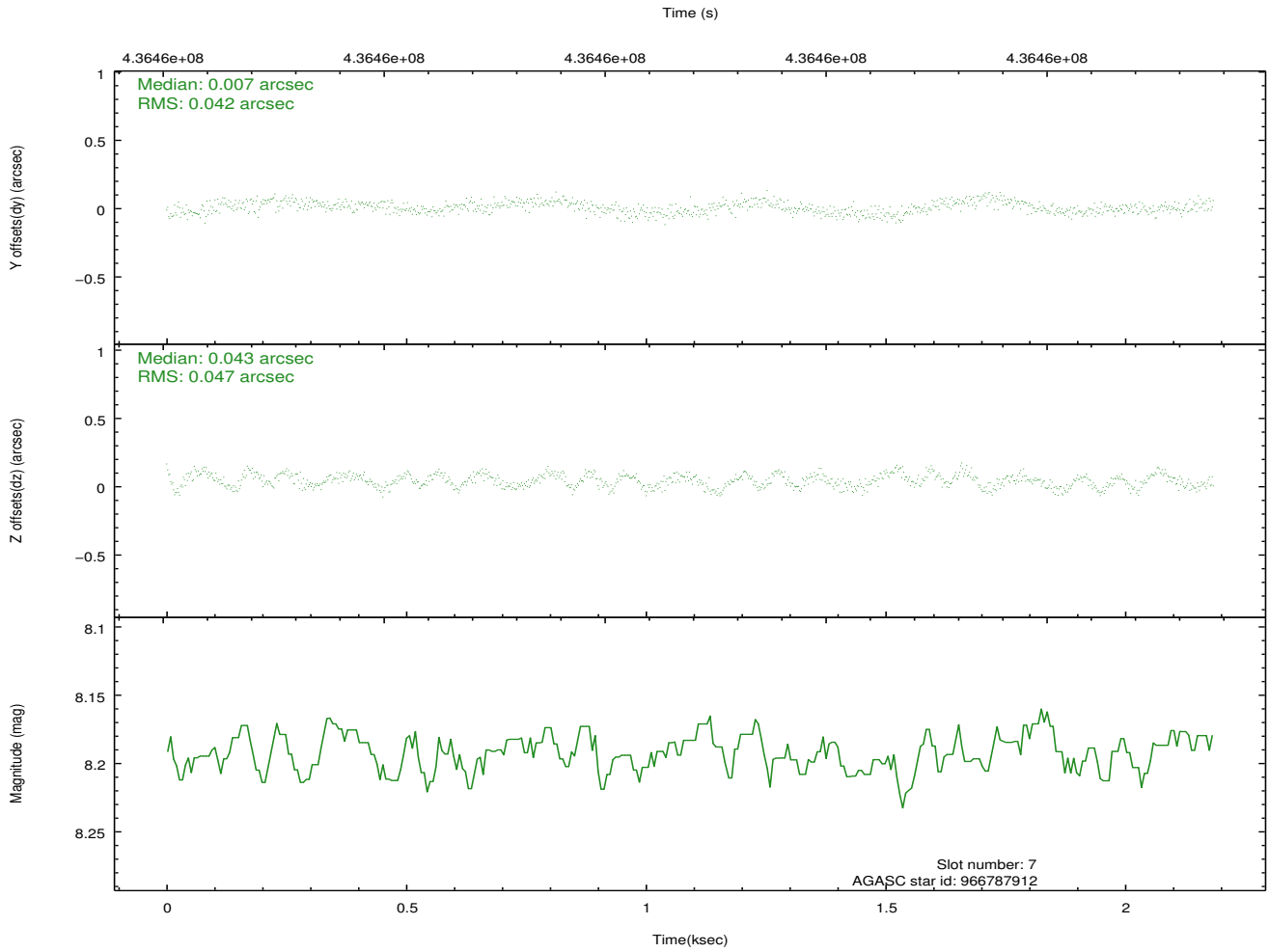
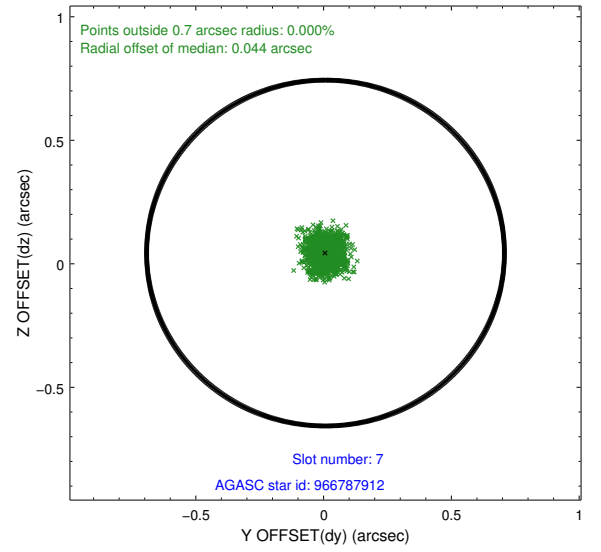
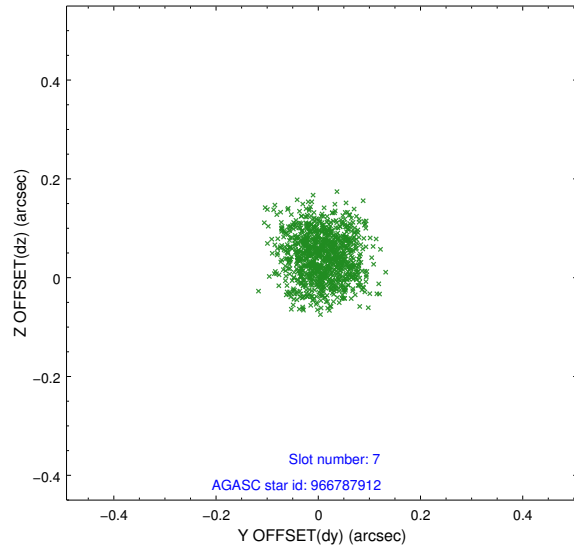
2.4.3 Slot 5



2.4.4 Slot 6

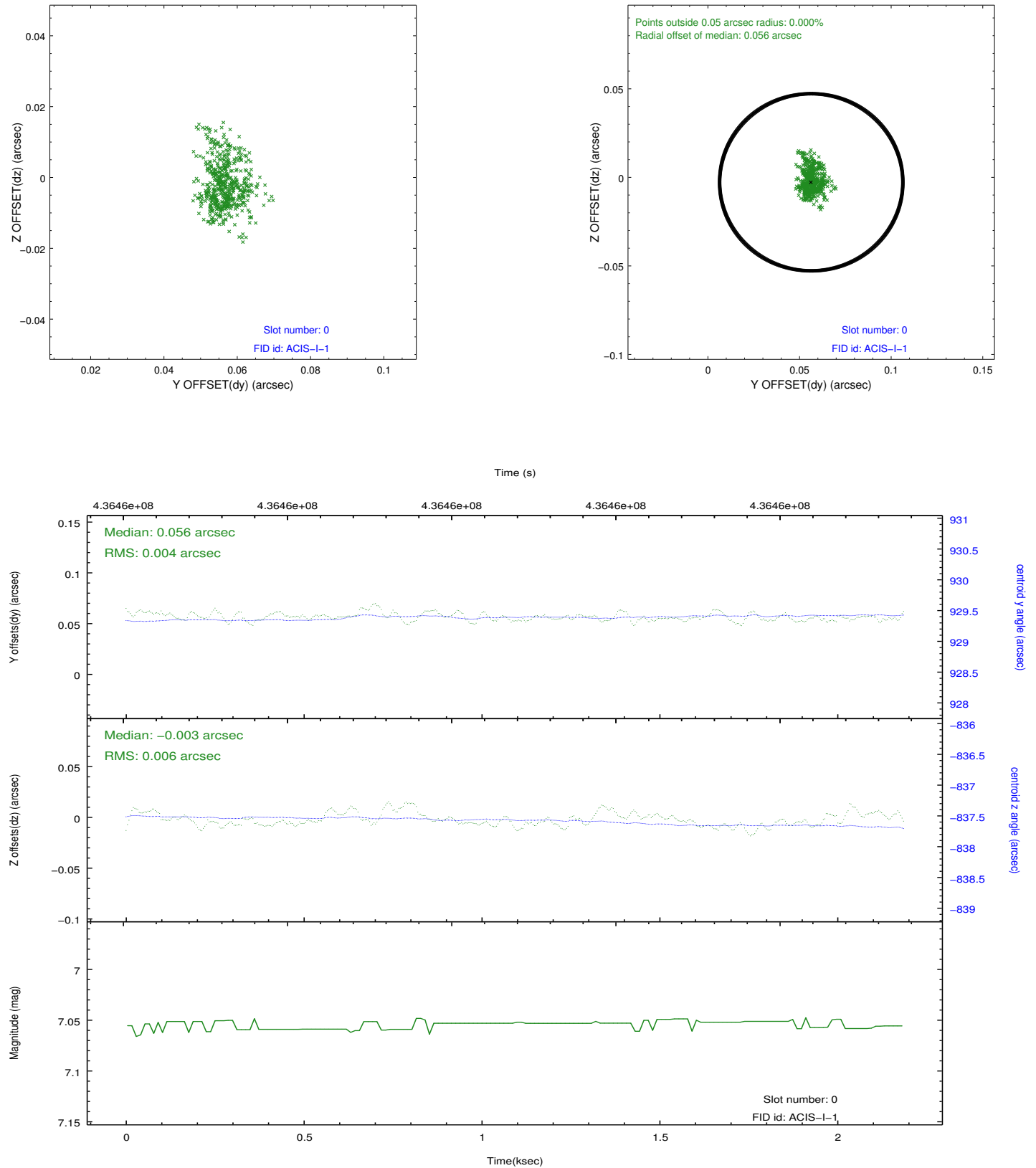


2.4.5 Slot 7

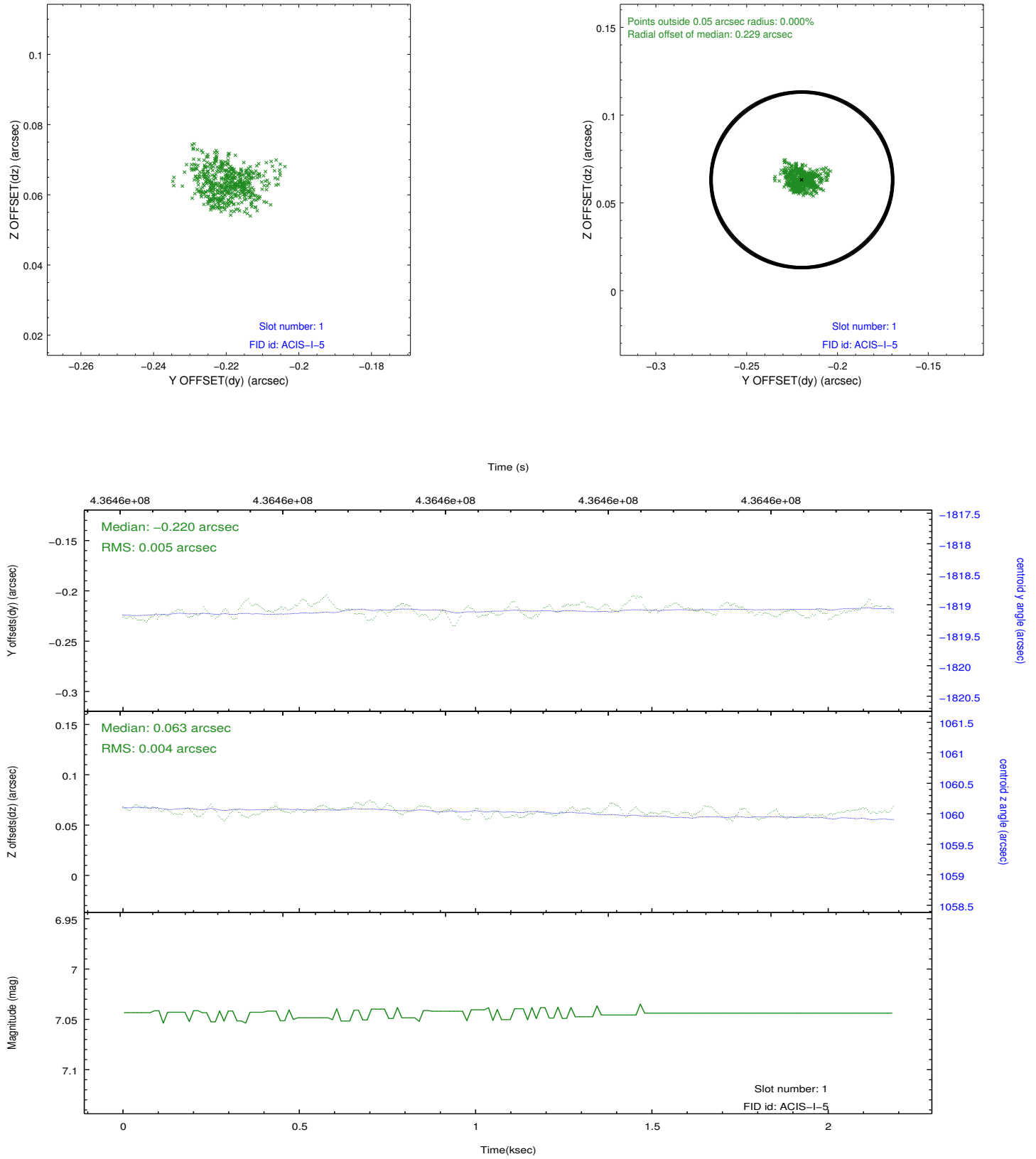


2.5 FID Slots

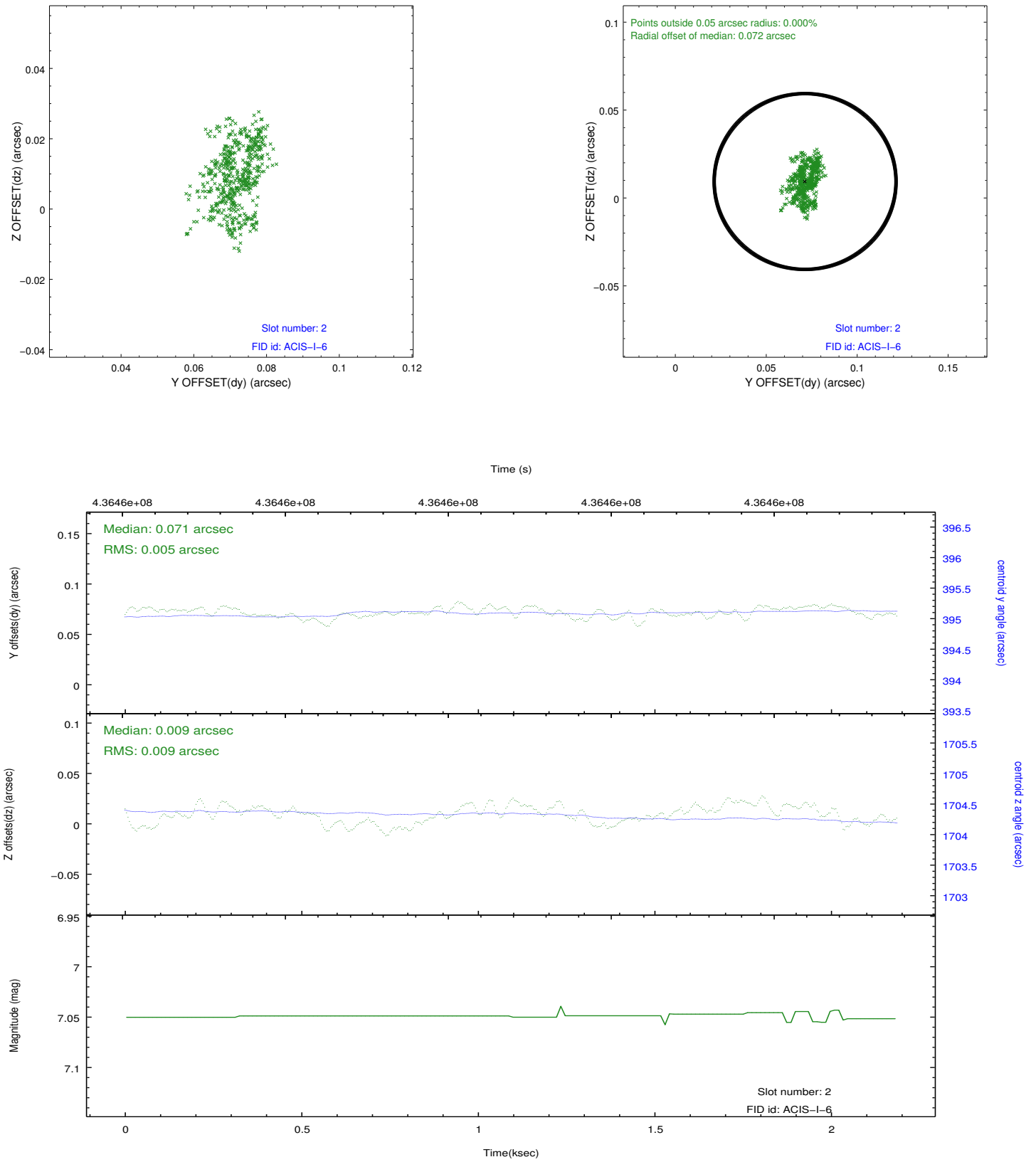
2.5.1 Slot 0



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)	2012.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0697964937091

A.2 Comments

Joint Proposal: NOAO