

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9995 - L2 Version 2
Chandra X-Ray Center

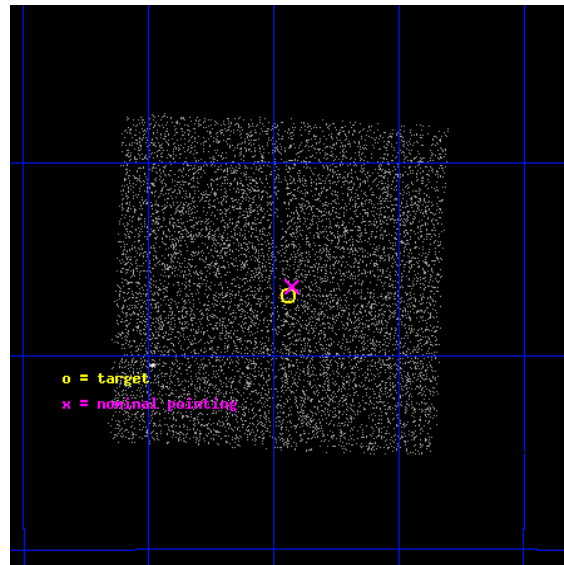
L2 Processing Date : Jun 1 2012

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1 Front

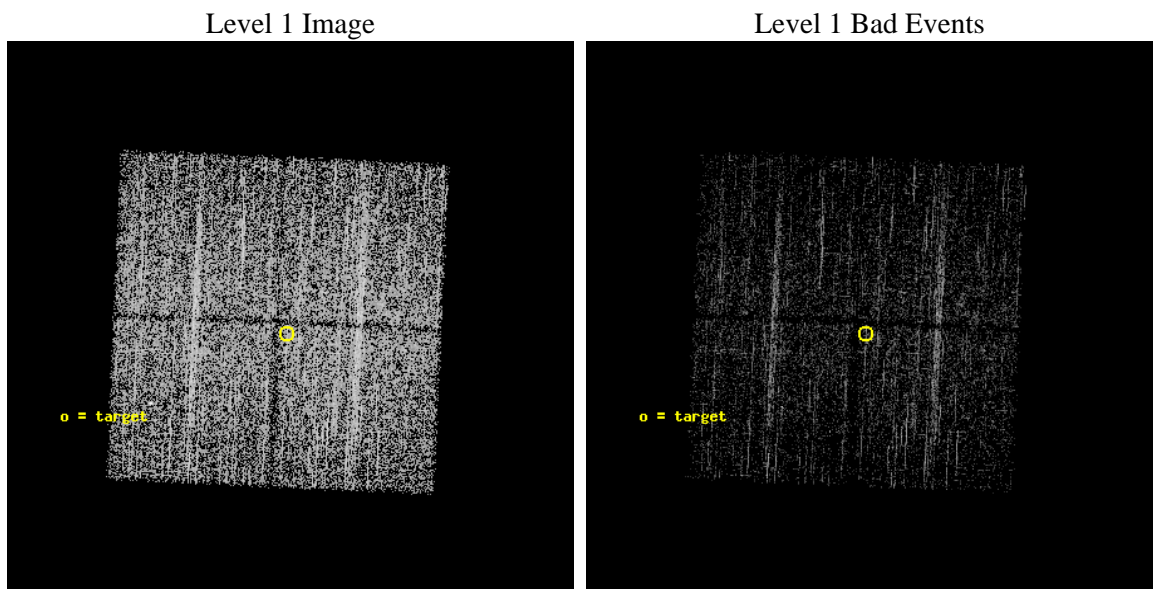
seq_num	400959	Sequence number
obs_id	9995	Observation id
title	Completing the Galactic Bulge Survey: categorising the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr Peter Jonker	Principal investigator
object	GBS3-10	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.985042	Observer's specified target RA [deg]
dec_targ	-29.114667	Observer's specified target Dec [deg]
ra_nom	263.98190217649	Nominal RA [deg]
dec_nom	-29.107201747134	Nominal Dec [deg]
roll_nom	92.584224090045	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2182.4000167847	Sum of GTIs [s]
livetime	2153.8853539059	Livetime [s]
ontime0	2182.4000167847	Sum of GTIs [s]
ontime1	2179.2590564489	Sum of GTIs [s]
ontime2	2182.4000167847	Sum of GTIs [s]
ontime3	2182.4000167847	Sum of GTIs [s]
l2events	10531	Number of level 2 events



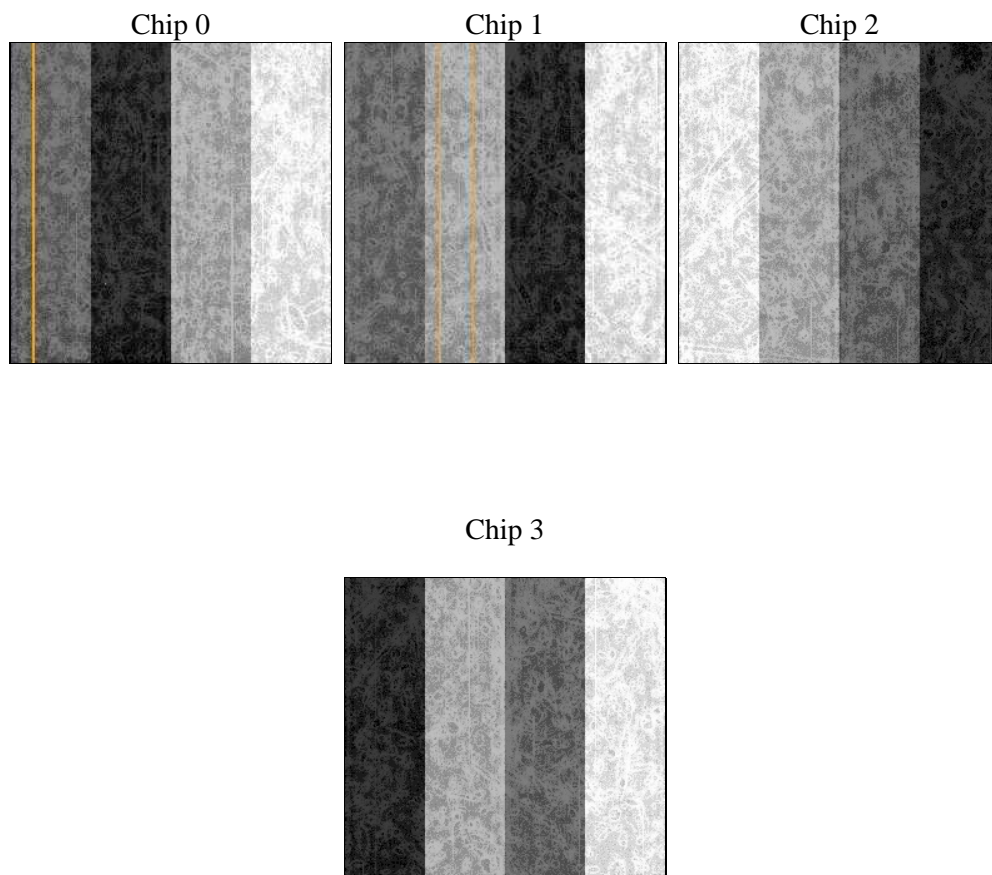
2 OBI

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	2182.4000167847	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	2182.4000167847	Sum of GTIs [s]
date	2012-06-01T05:47:44	Date and time of file creation	ontime1	2179.2590564489	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2182.4000167847	Sum of GTIs [s]
			ontime3	2182.4000167847	Sum of GTIs [s]
			l1events	101204	Number of level 1 events

2.1.4 Events

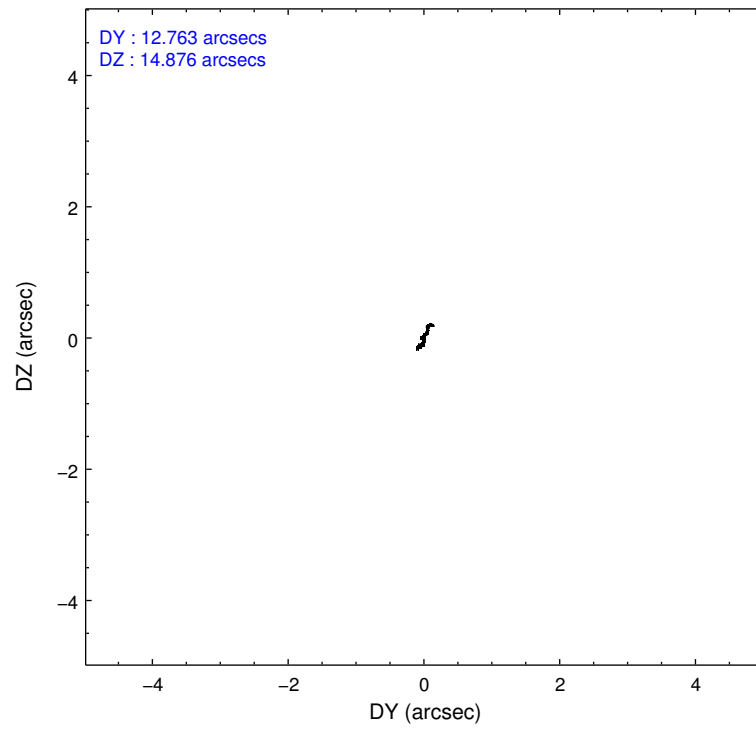
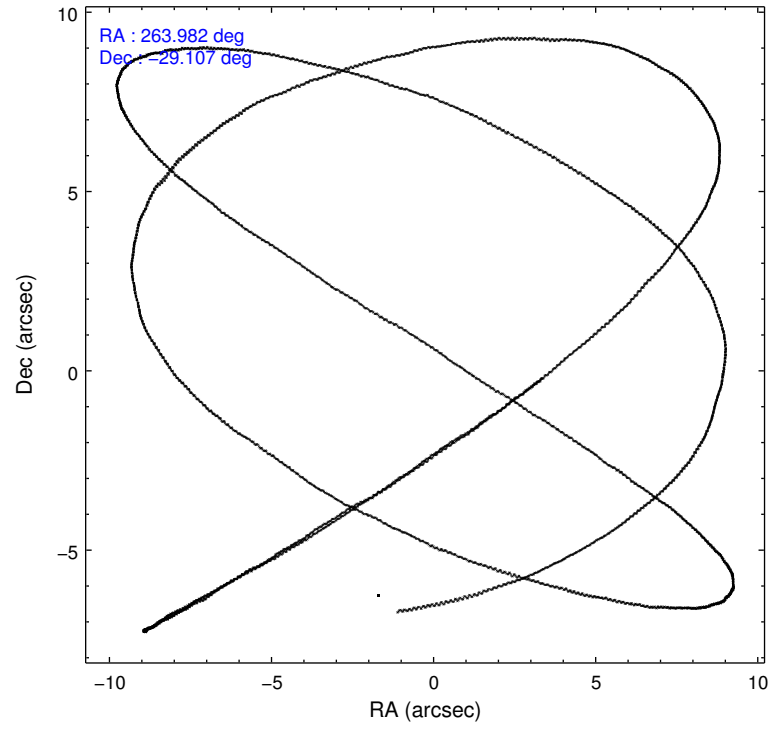
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	24198	24575	26173	26258
rejected events	21080	21390	23170	23381
rejected %	87%	87%	88%	89%

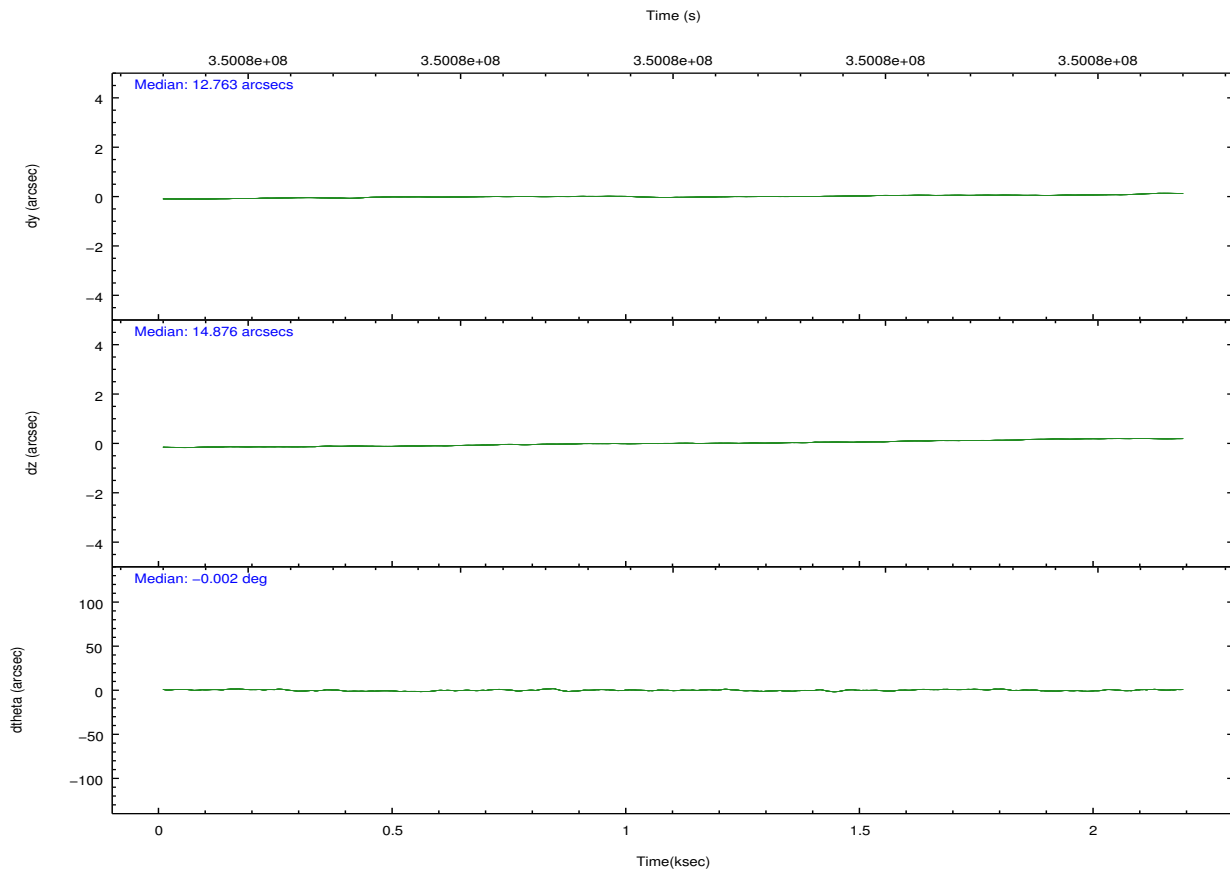
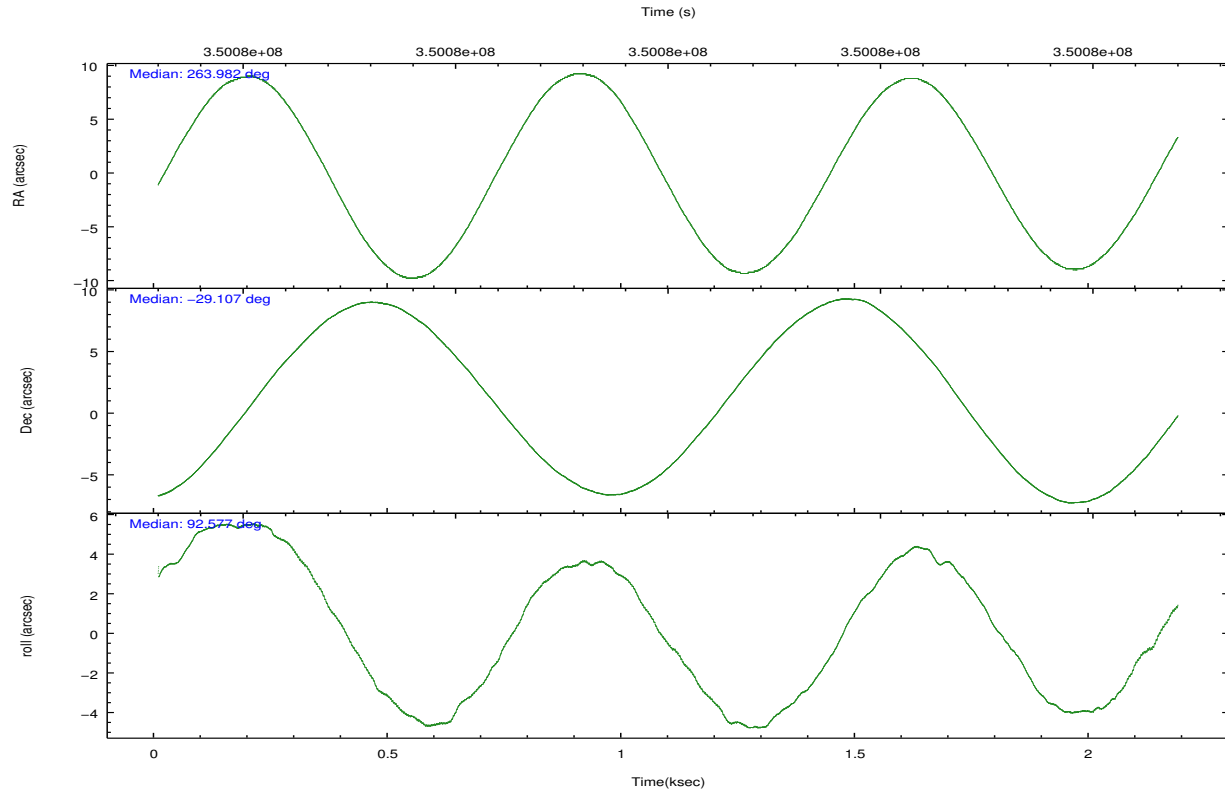
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1657	1599	1626	1480
	6%	6%	6%	5%
grade 1 events	19	16	20	21
	0%	0%	0%	0%
grade 2 events	780	789	714	633
	3%	3%	2%	2%
grade 3 events	307	329	288	302
	1%	1%	1%	1%
grade 4 events	278	299	287	320
	1%	1%	1%	1%
grade 5 events	1078	1177	1000	1262
	4%	4%	3%	4%
grade 6 events	599	663	523	551
	2%	2%	1%	2%
grade 7 events	19480	19703	21715	21689
	80%	80%	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	263.998954	263.9819021764937	Subarray requested	NONE	NONE
[deg] Pointing Dec	-29.130171	-29.10720174713384	Alternating exposures requested	N	N
[deg] Pointing Roll	92.383847	92.58422409004524	[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)	350077088.184000	350076711.97979			
Observation start date	2009-02-03T19:37:02	2009-02-03T19:31:51			
[s] Observation end time (MET)	350079088.184000	350079222.20491			
Observation end date	2009-02-03T20:10:22	2009-02-03T20:13:42			
Read mode	TIMED	TIMED			

2.3 Aspect



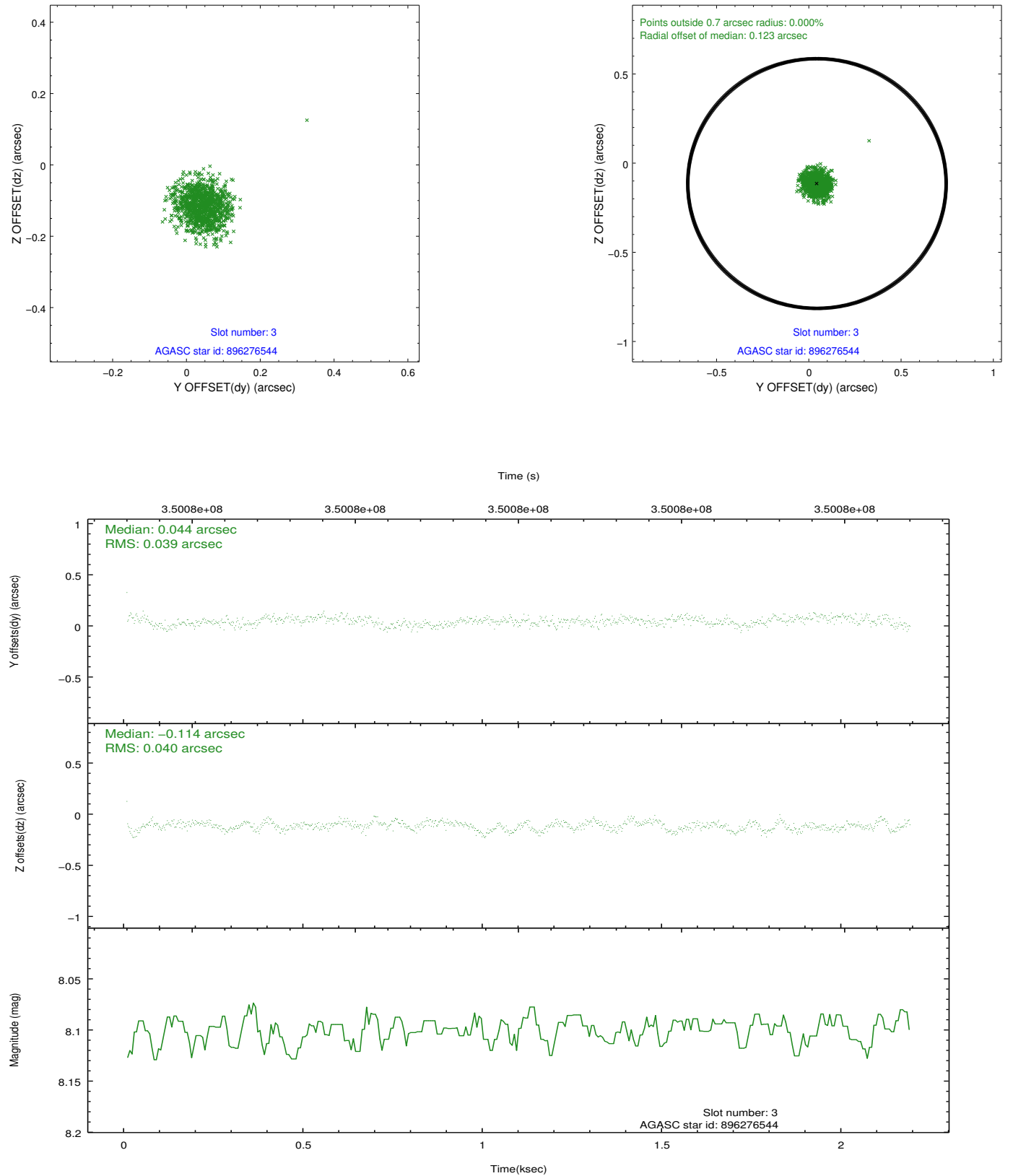


Slot Statistics

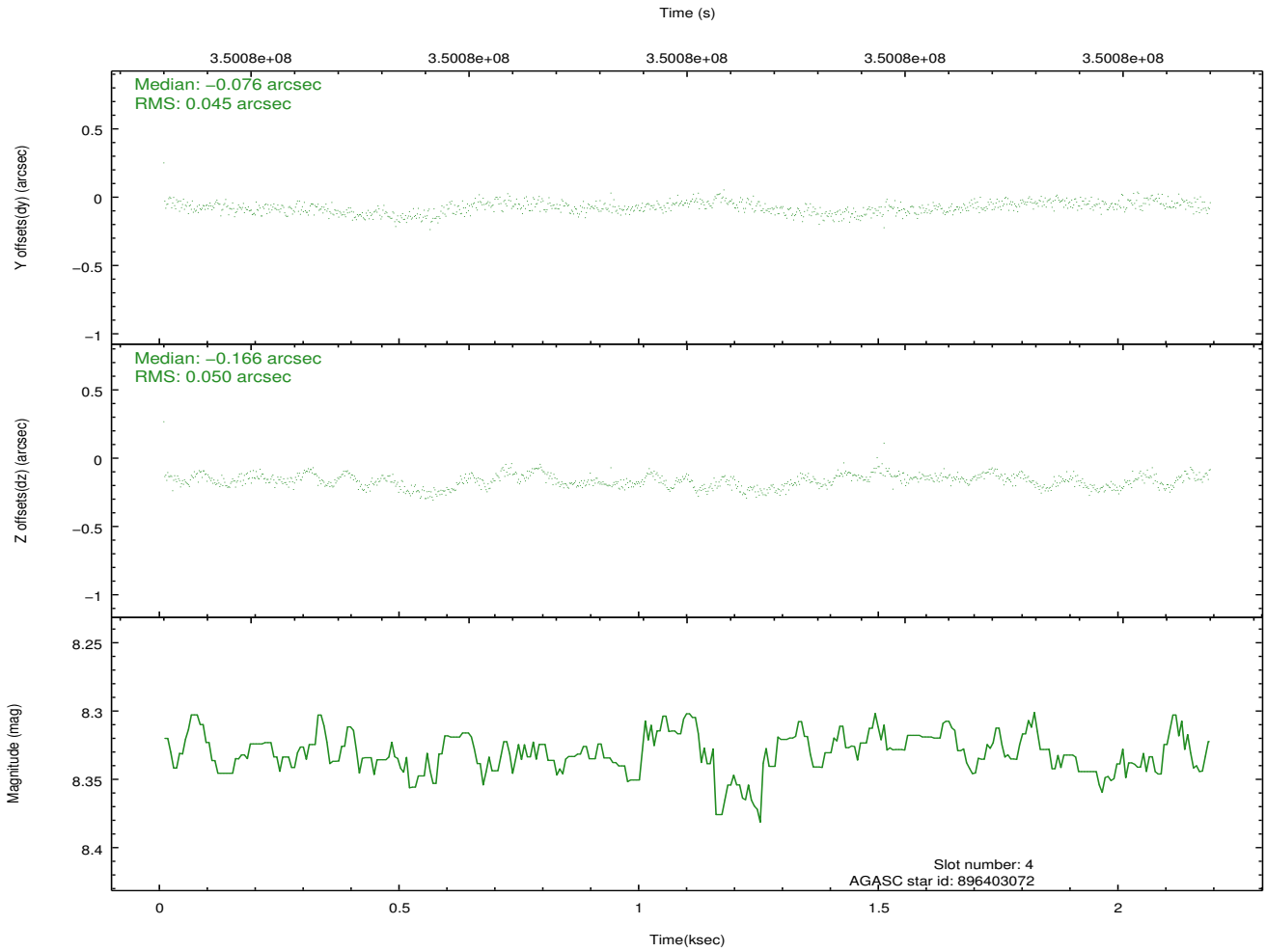
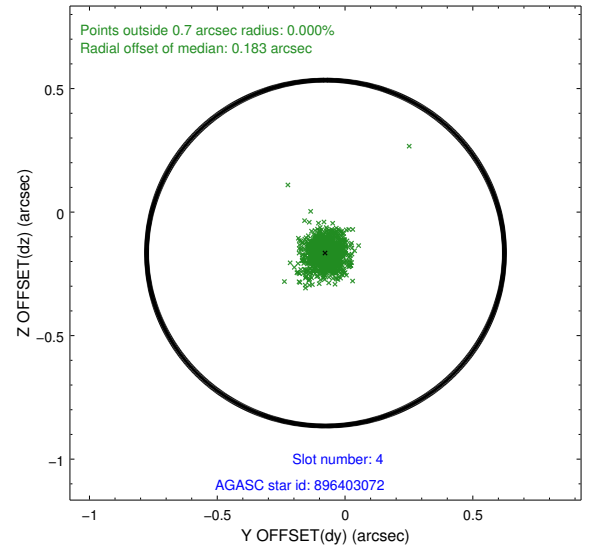
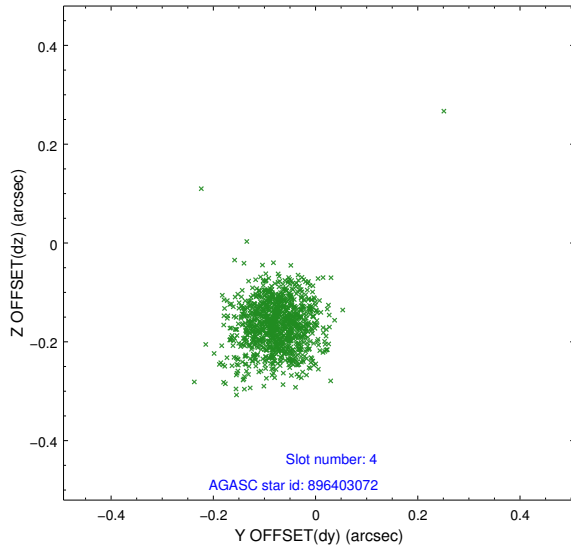
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.01	533	-0.018	0.022	0.011	0.024	0.000000	0.000000	926.74	-838.45
1	FID	ACIS-I-4	6.94	533	0.174	0.016	0.010	0.016	0.000000	0.000000	2148.63	1059.85
2	FID	ACIS-I-5	7.00	533	-0.256	0.032	0.007	0.012	0.000000	0.000000	-1817.67	1061.10
3	GUIDE	896276544	8.10	1065	0.044	-0.114	0.058	0.094	263.666616	-29.255819	-409.38	1061.83
4	GUIDE	896403072	8.33	1066	-0.076	-0.166	0.069	0.110	263.956439	-28.943077	678.74	106.94
5	GUIDE	896405976	9.12	1064	-0.138	0.301	0.092	0.150	264.638127	-28.604395	1803.21	-2096.14
6	GUIDE	896276584	7.41	1066	0.057	-0.315	0.075	0.127	263.264332	-29.650845	-1782.34	2372.39
7	GUIDE	896406904	8.97	1065	0.106	0.297	0.116	0.186	264.311862	-29.742267	-2244.38	-883.13

2.4 Star Slots

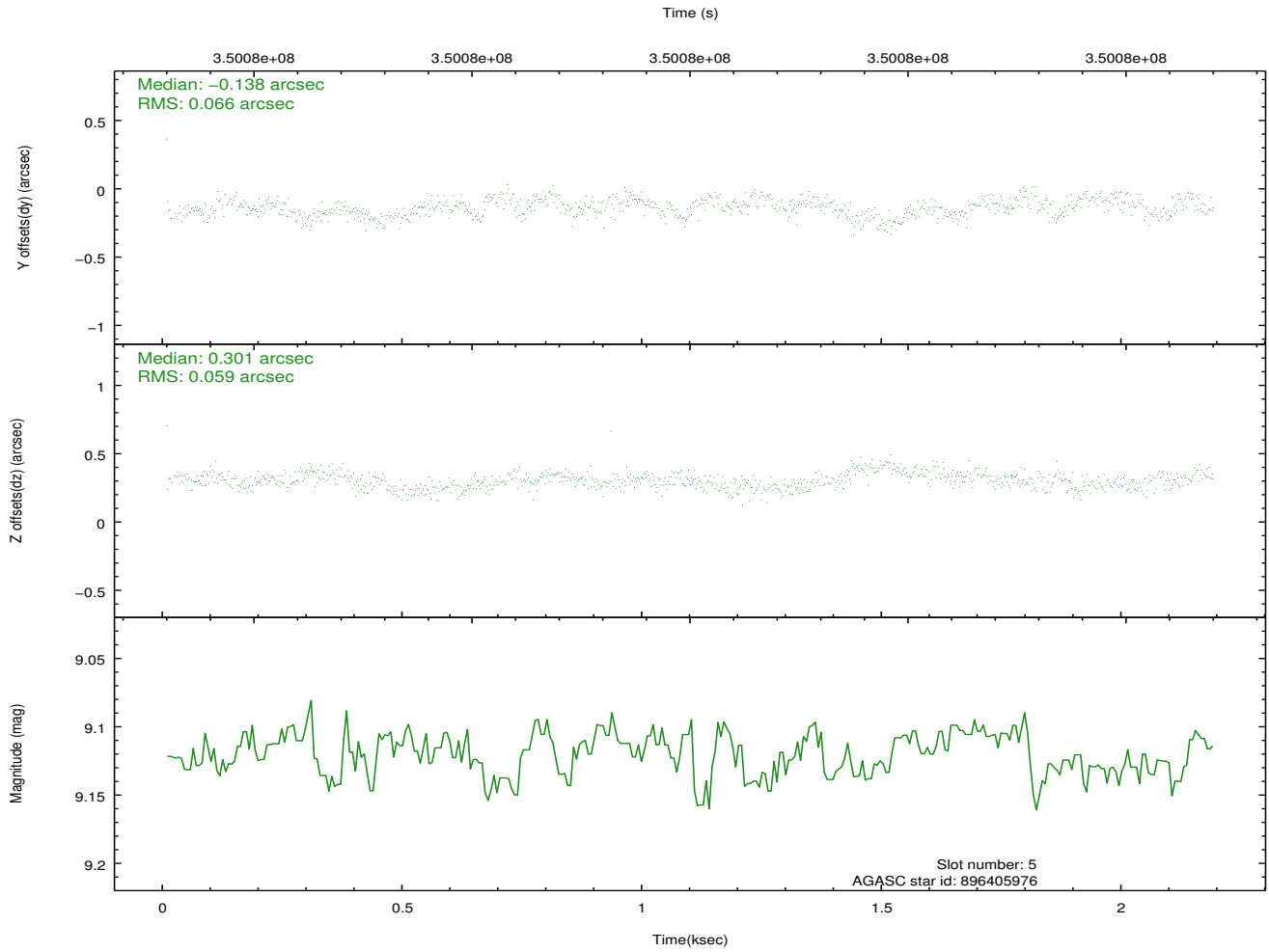
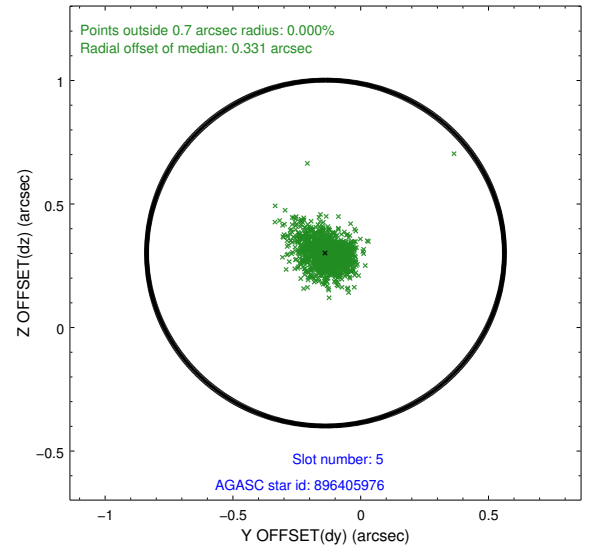
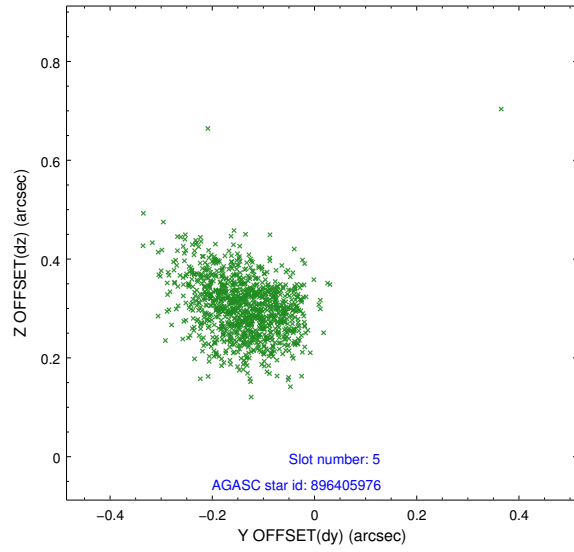
2.4.1 Slot 3



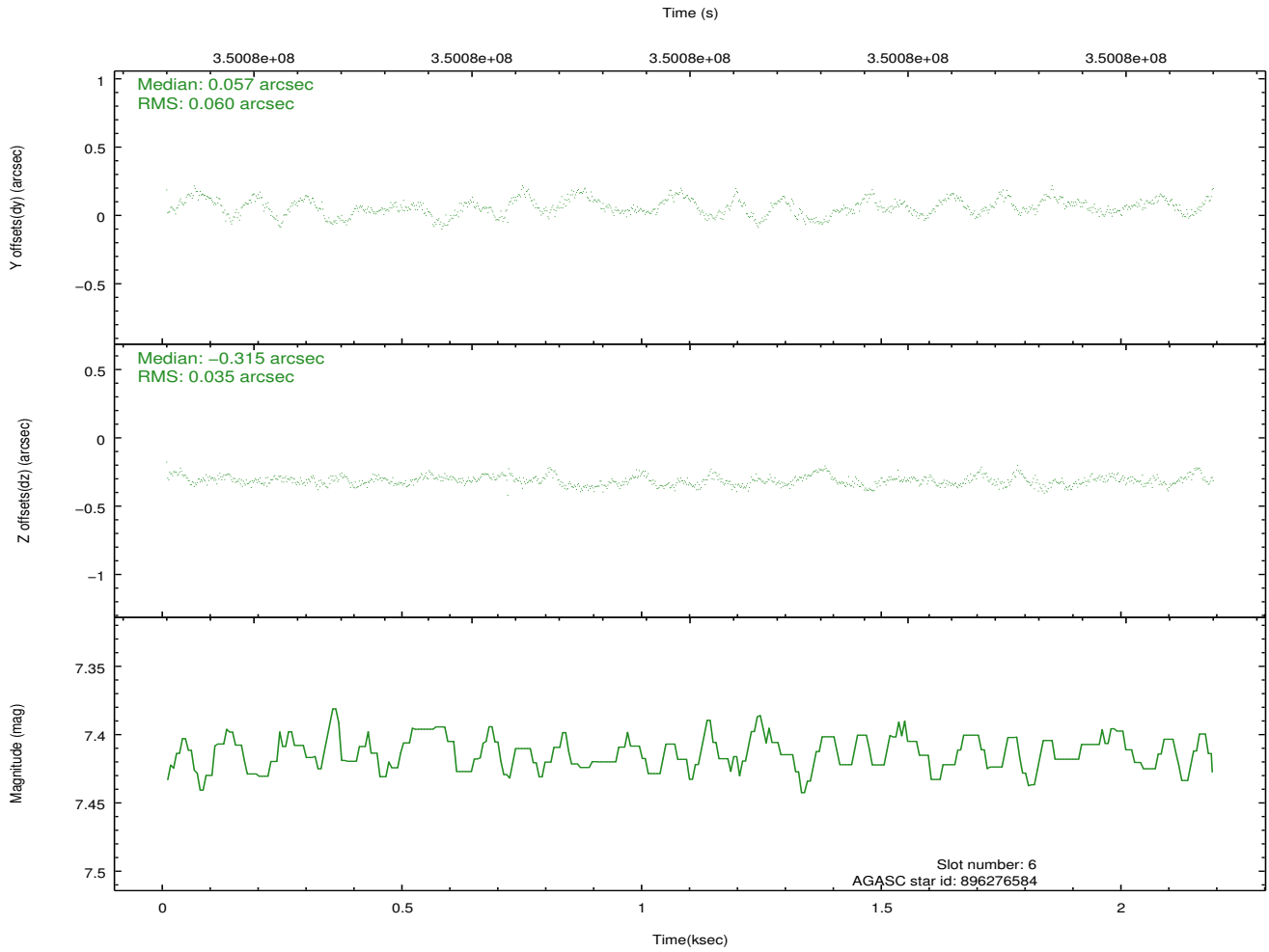
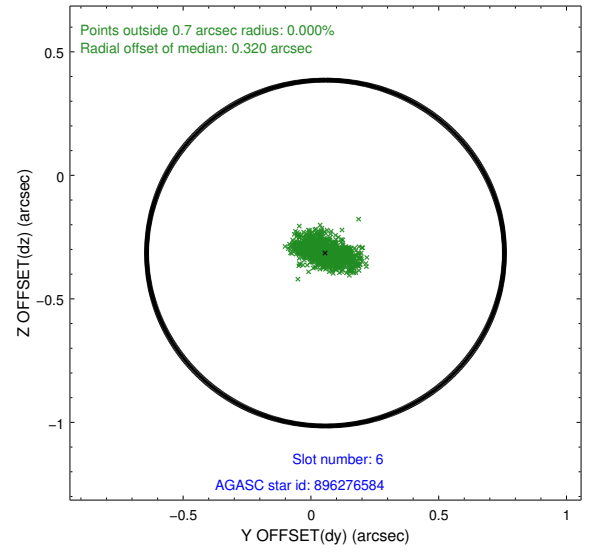
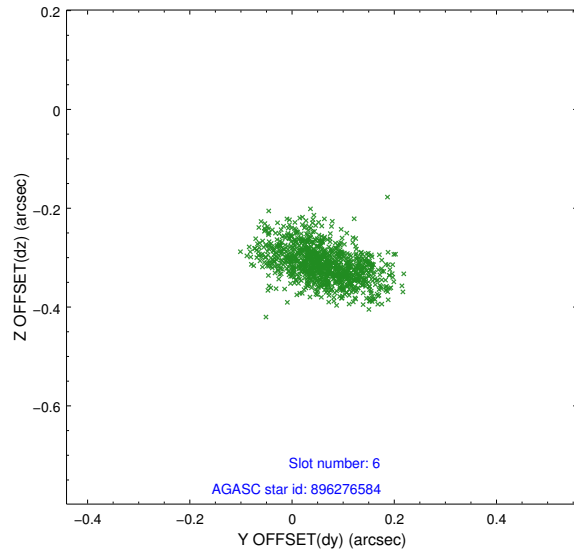
2.4.2 Slot 4



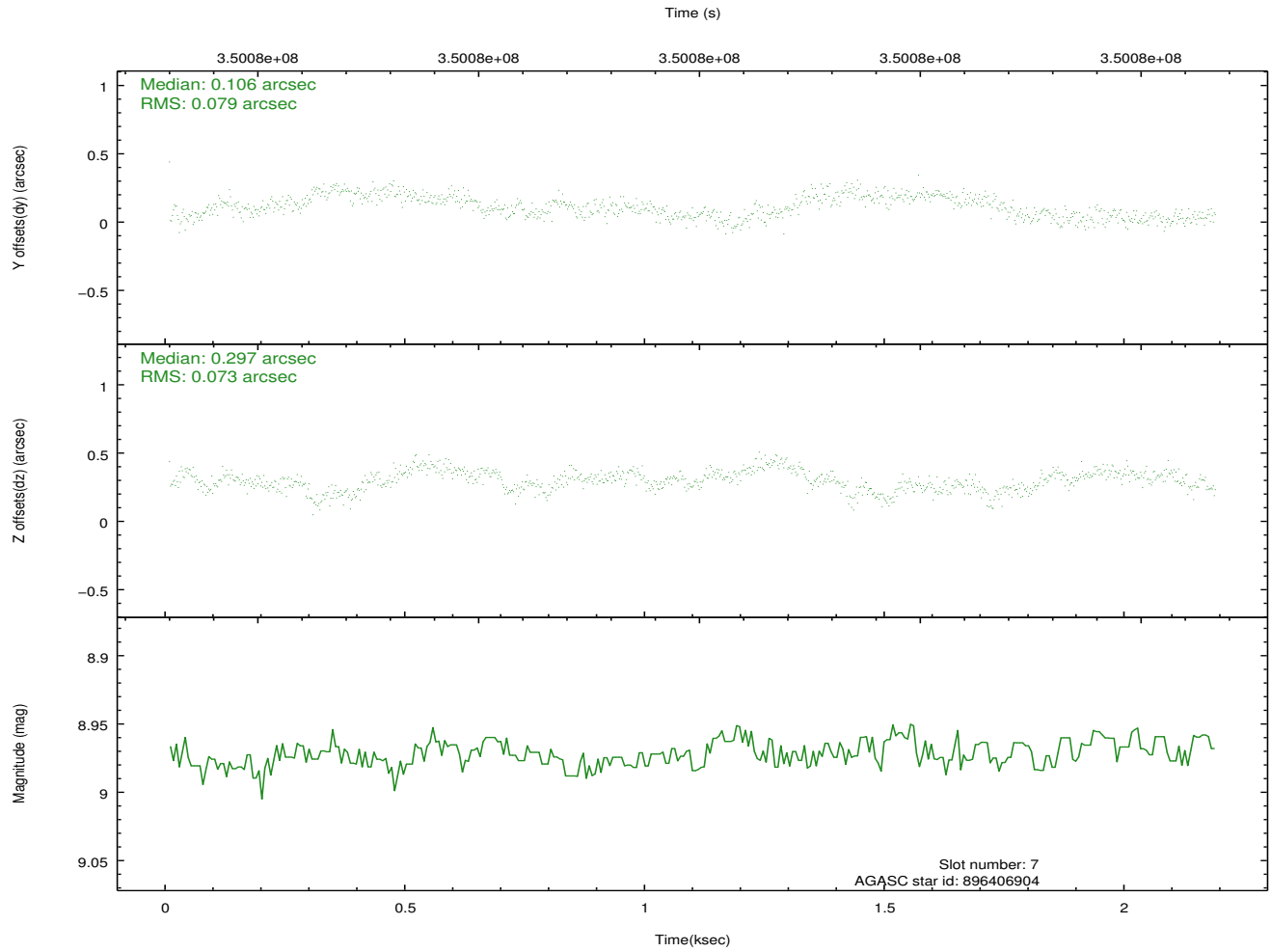
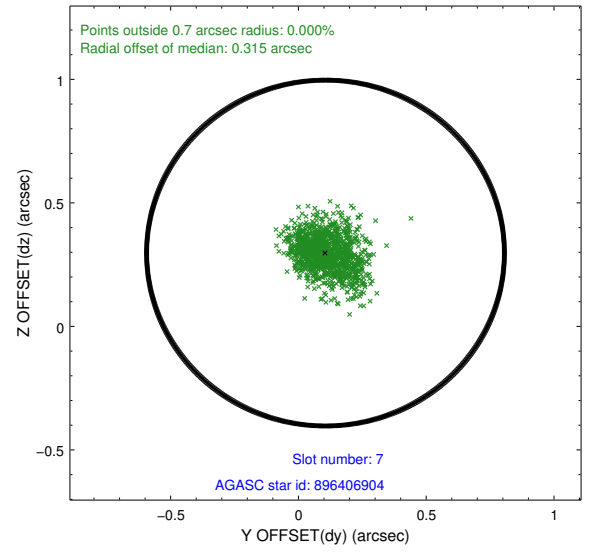
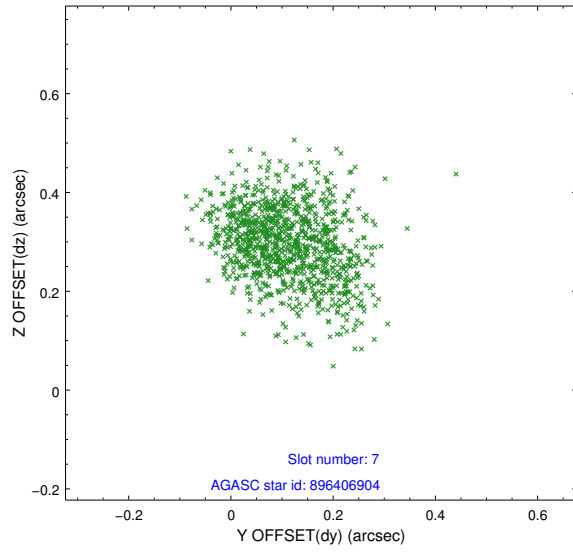
2.4.3 Slot 5



2.4.4 Slot 6

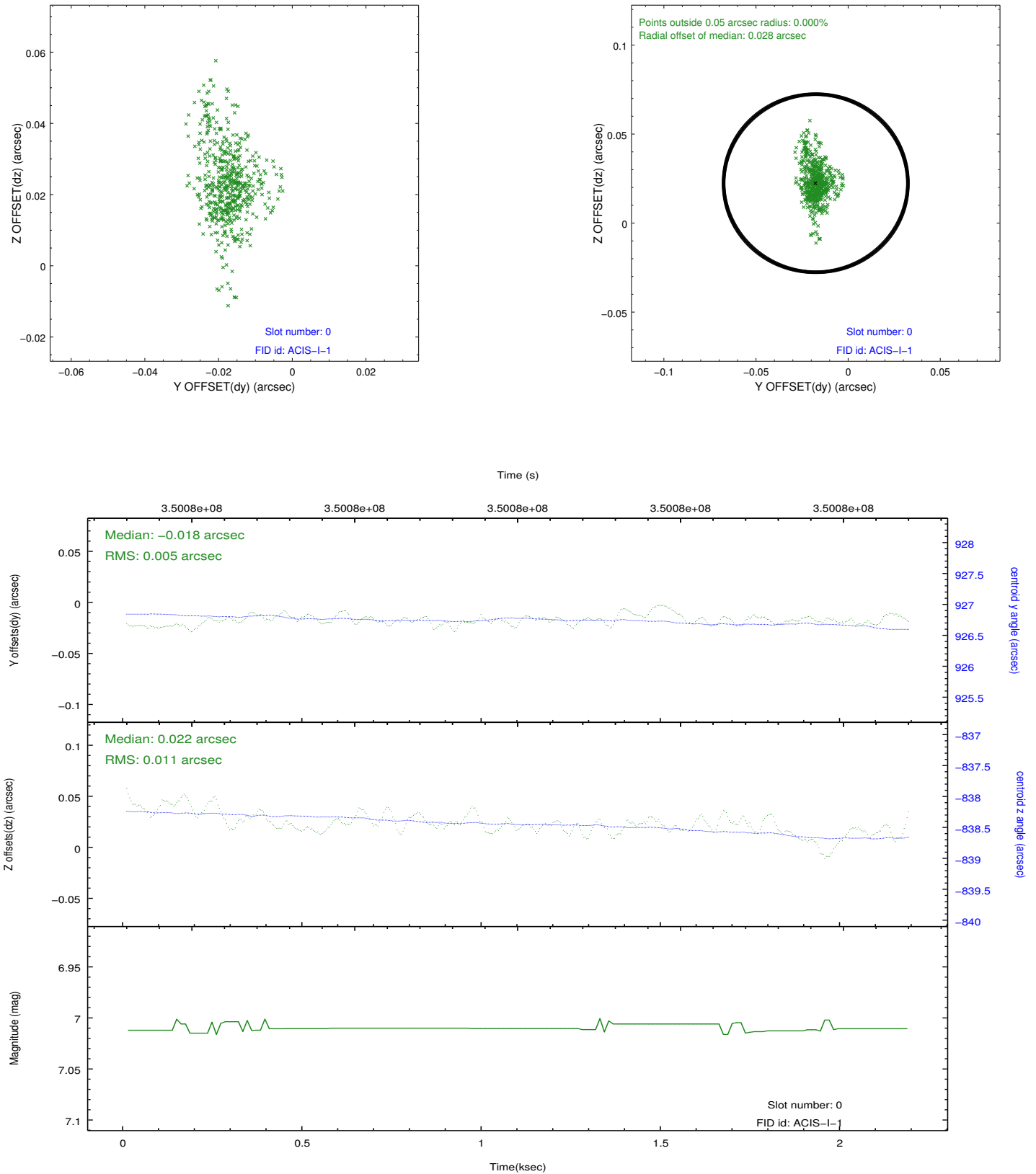


2.4.5 Slot 7

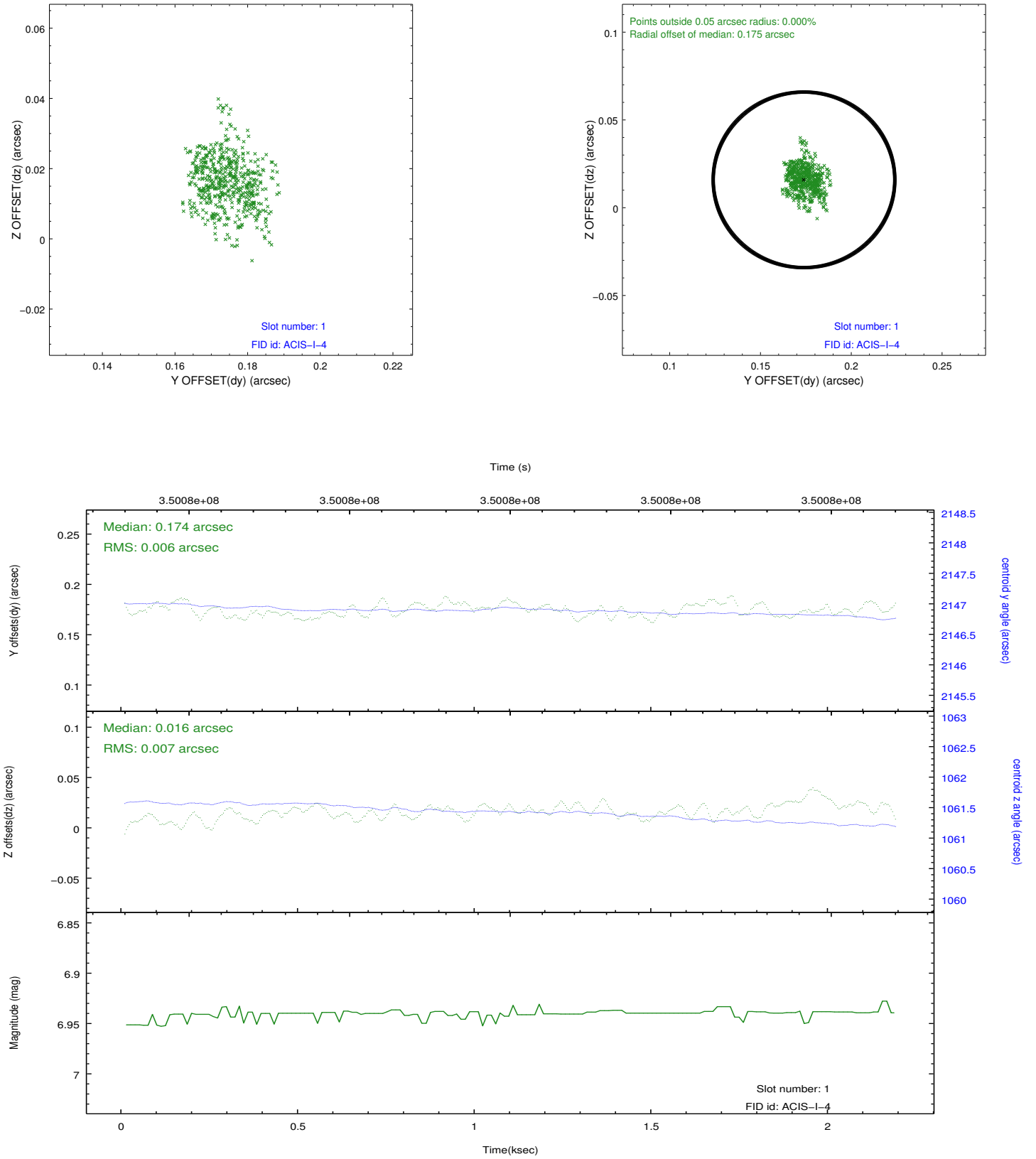


2.5 FID Slots

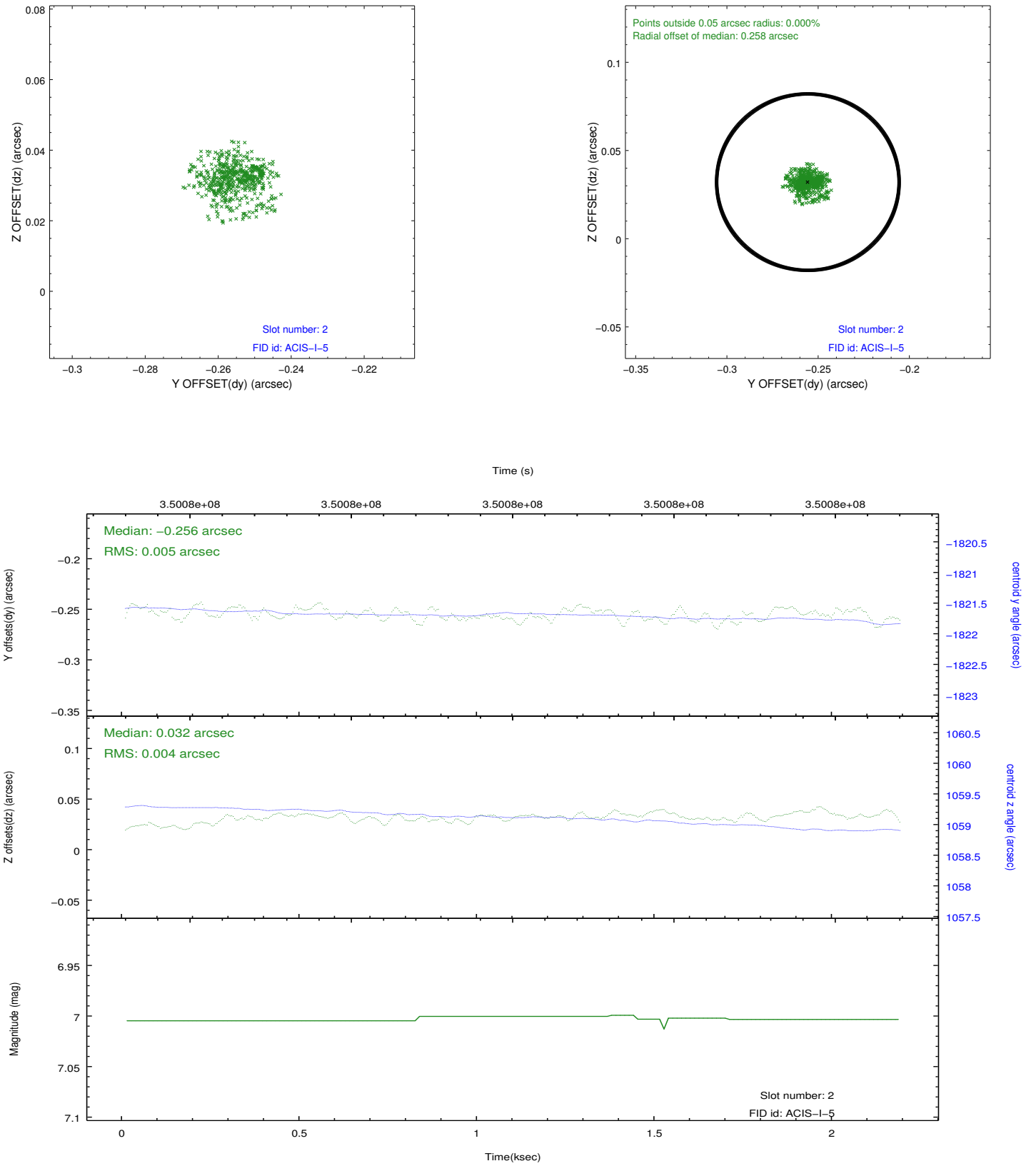
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18240001

A.2 Comments

Joint Proposal: NOAO