

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9997 - L2 Version 2
Chandra X-Ray Center

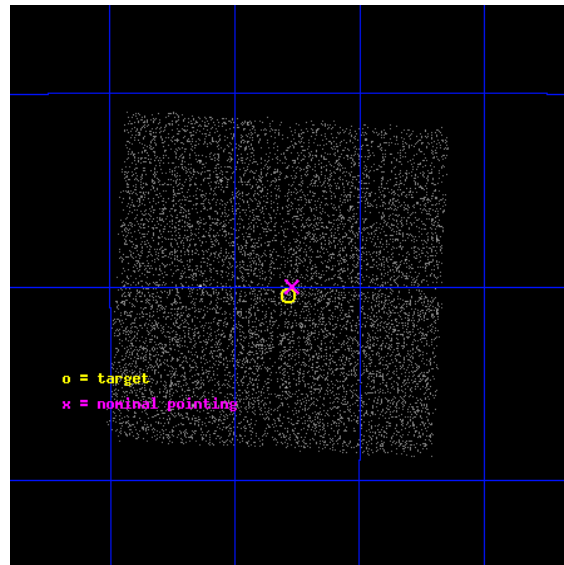
L2 Processing Date : Jun 1 2012

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1 Front

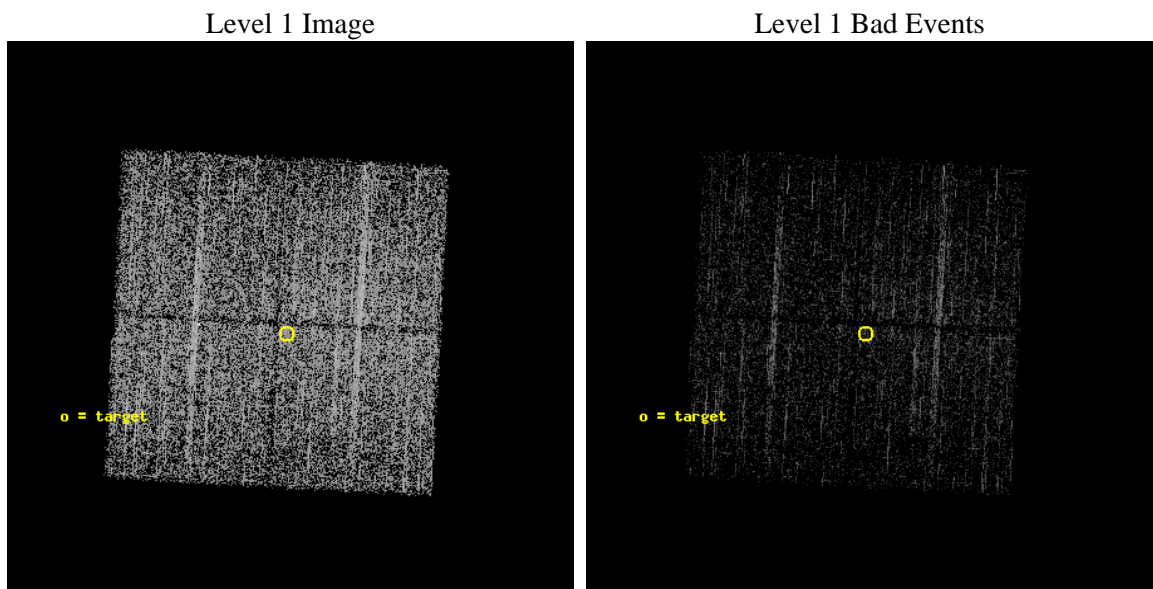
seq_num	400961	Sequence number
obs_id	9997	Observation id
title	Completing the Galactic Bulge Survey: categorising the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr Peter Jonker	Principal investigator
object	GBS3-10	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.69625	Observer's specified target RA [deg]
dec_targ	-29.507306	Observer's specified target Dec [deg]
ra_nom	263.69300599062	Nominal RA [deg]
dec_nom	-29.499913052519	Nominal Dec [deg]
roll_nom	93.107297836661	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	2182.4000167847	Sum of GTIs [s]
ontime2	2182.4000167847	Sum of GTIs [s]
ontime3	2182.4000167847	Sum of GTIs [s]
l2events	10695	Number of level 2 events



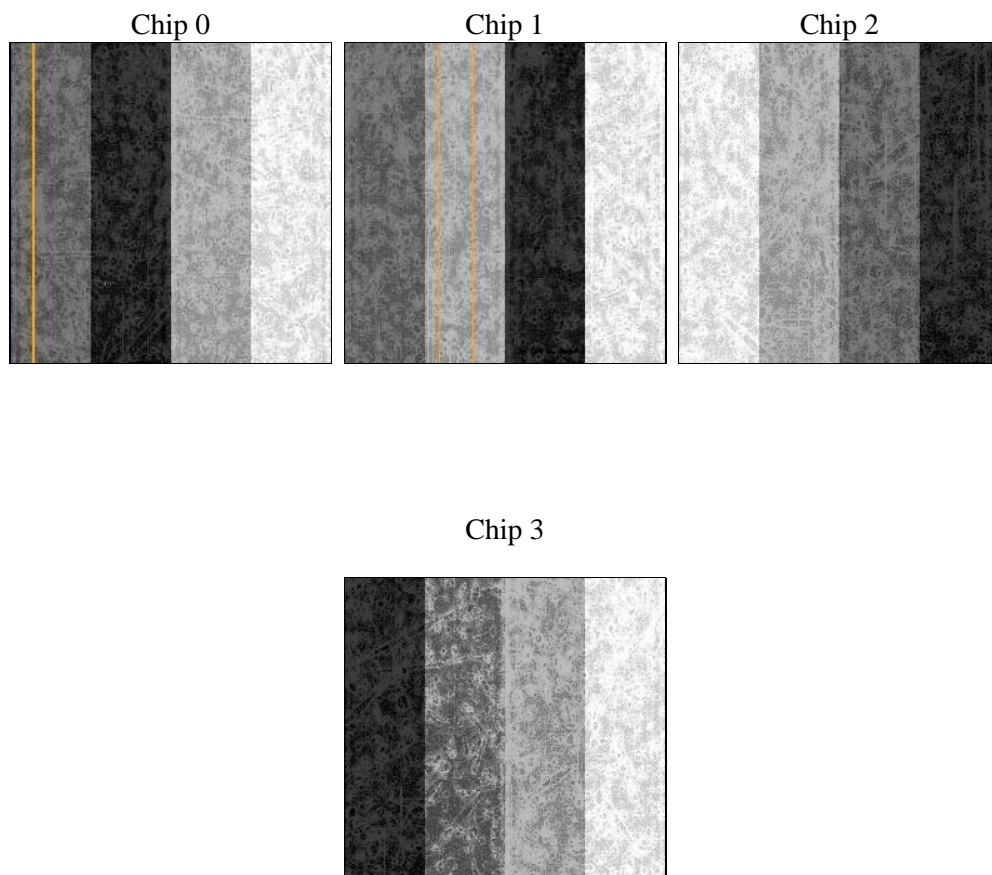
2 OBI

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	2012-06-01T05:45:44	Date and time of file creation	ontime1	2182.4000167847	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	99485	Number of level 1 events

2.1.4 Events

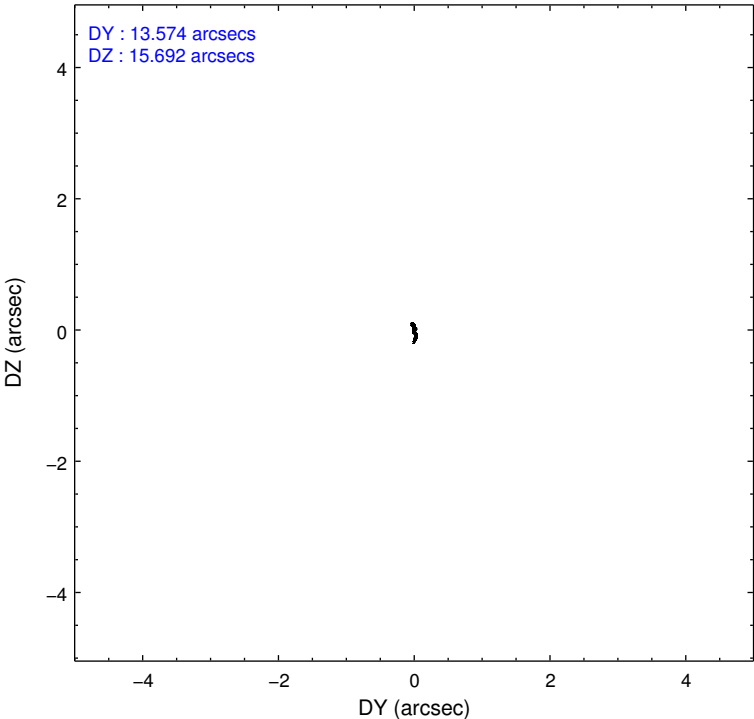
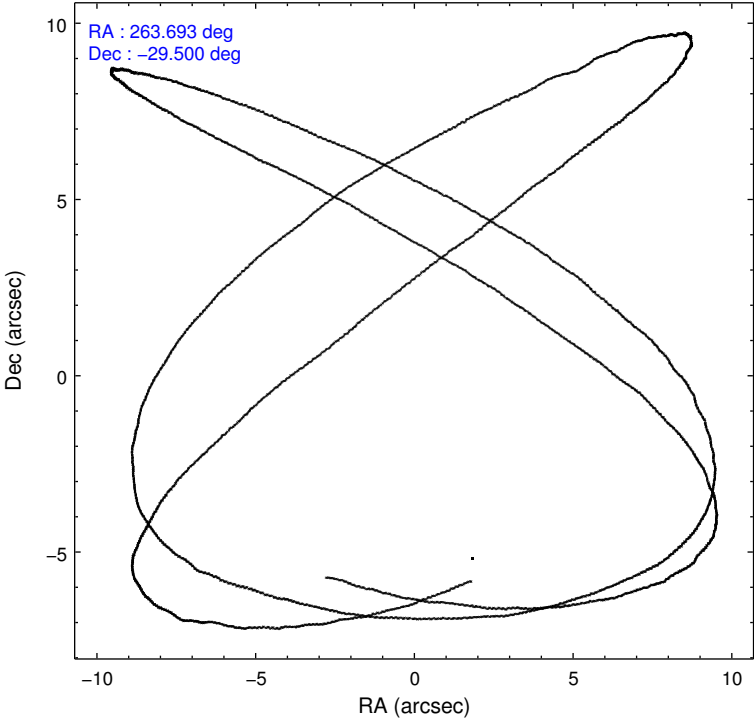
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	22855	24365	26503	25762
rejected events	19856	20925	23553	22700
rejected %	86%	85%	88%	88%

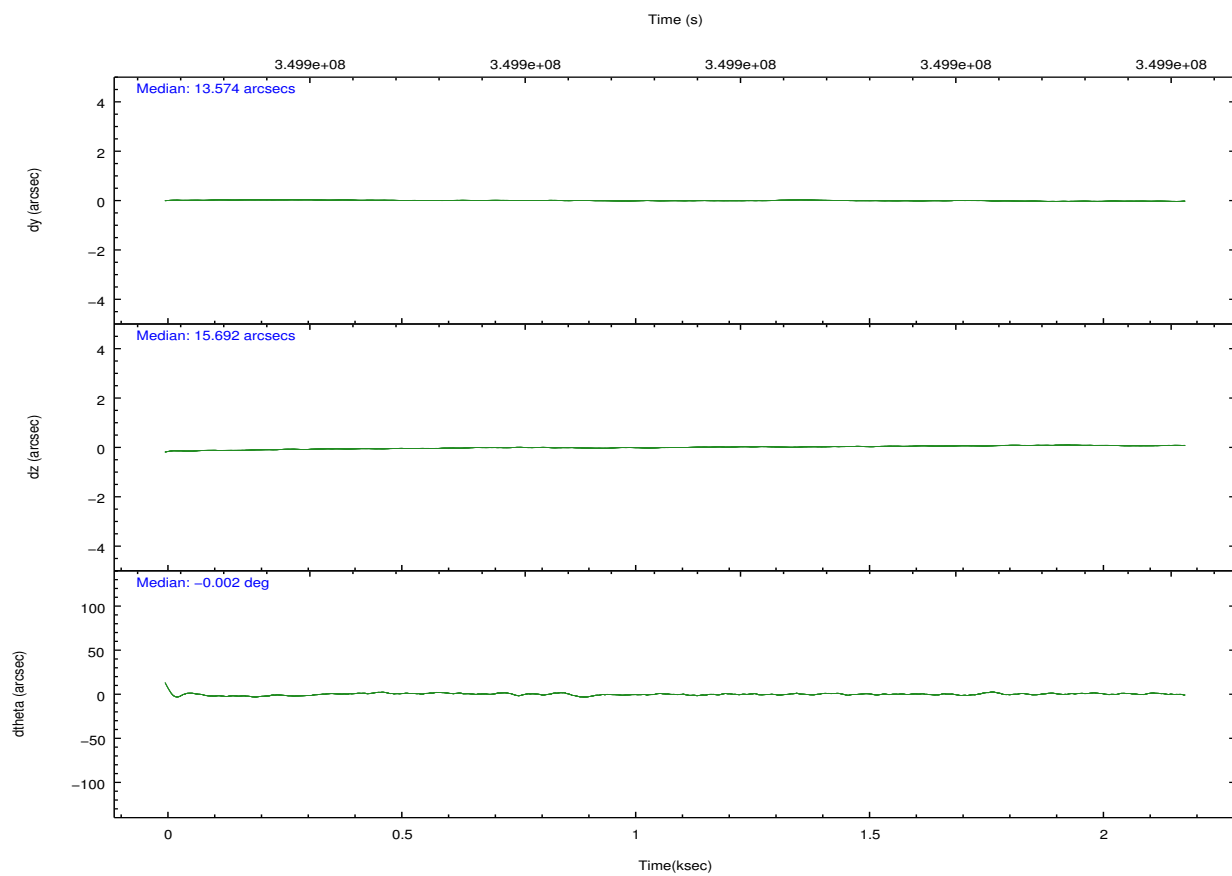
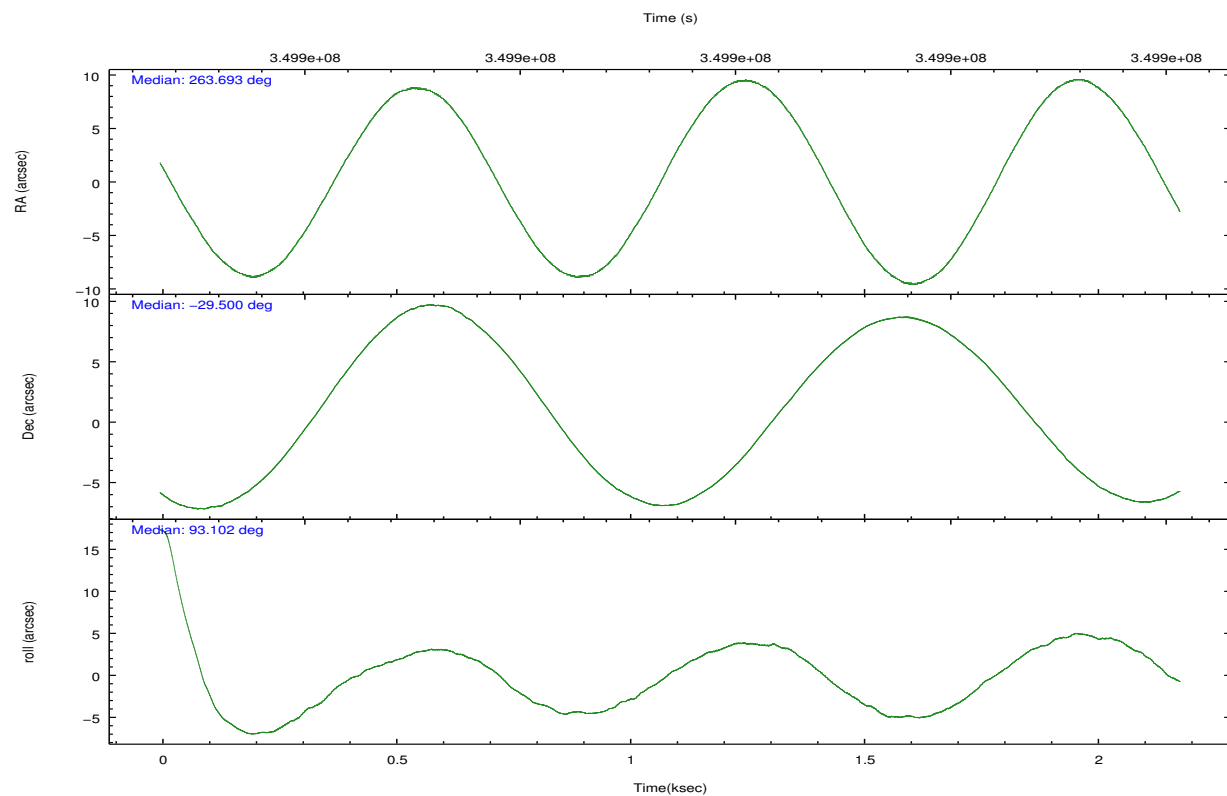
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1529	1742	1638	1589
	6%	7%	6%	6%
grade 1 events	22	13	23	23
	0%	0%	0%	0%
grade 2 events	751	885	694	650
	3%	3%	2%	2%
grade 3 events	314	346	271	313
	1%	1%	1%	1%
grade 4 events	310	321	265	332
	1%	1%	0%	1%
grade 5 events	1098	1140	1049	1257
	4%	4%	3%	4%
grade 6 events	536	660	511	589
	2%	2%	1%	2%
grade 7 events	18295	19258	22052	21009
	80%	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	263.710388	263.6930059906226	Subarray requested	NONE	NONE
[deg] Pointing Dec	-29.522701	-29.49991305251859	Alternating exposures requested	N	N
[deg] Pointing Roll	92.907183	93.10729783666102	[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)	349901935.184000	349901558.9461			
Observation start date	2009-02-01T18:57:49	2009-02-01T18:52:38			
[s] Observation end time (MET)	349903935.184000	349904071.73372			
Observation end date	2009-02-01T19:31:09	2009-02-01T19:34:31			
Read mode	TIMED	TIMED			

2.3 Aspect



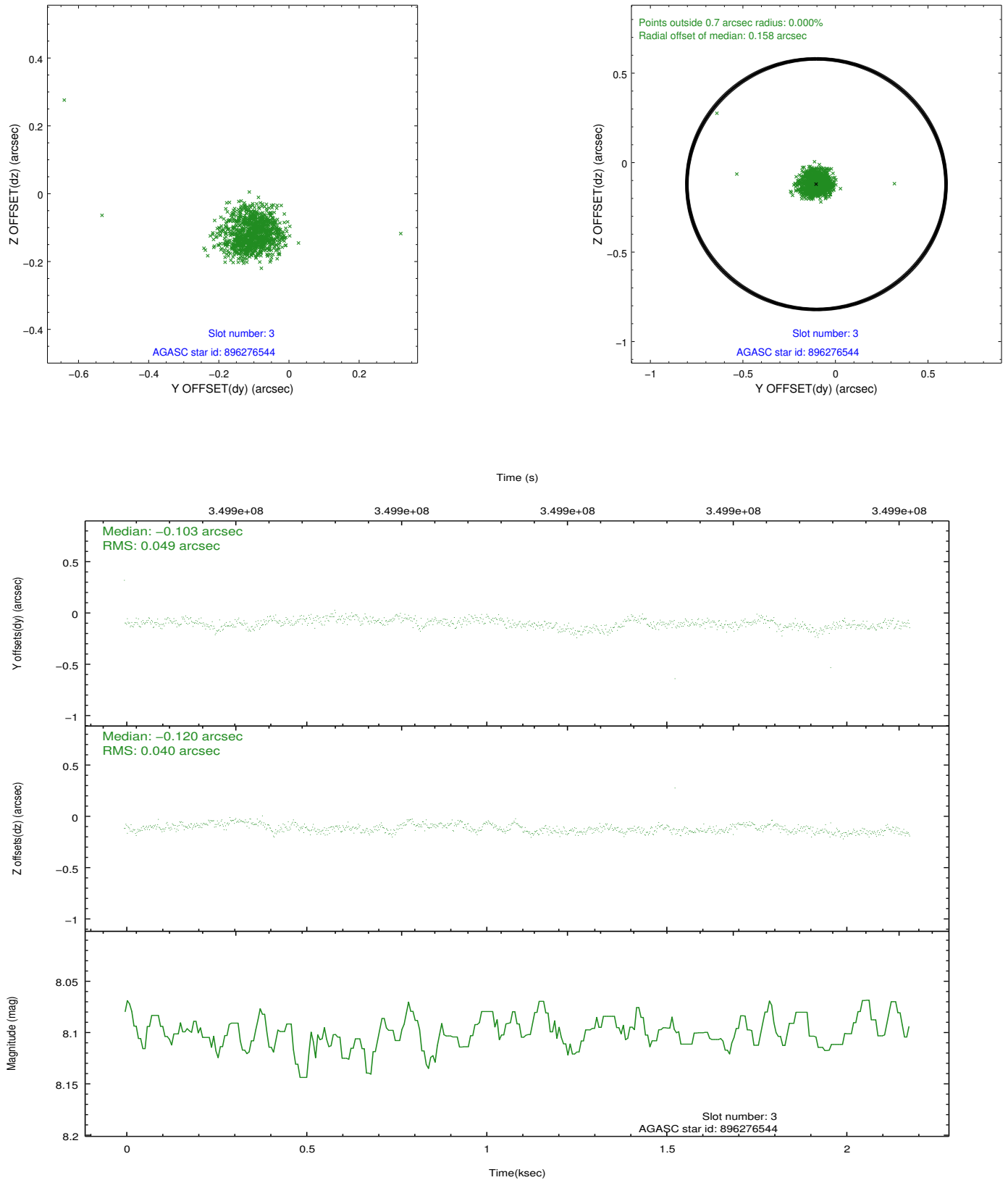


Slot Statistics

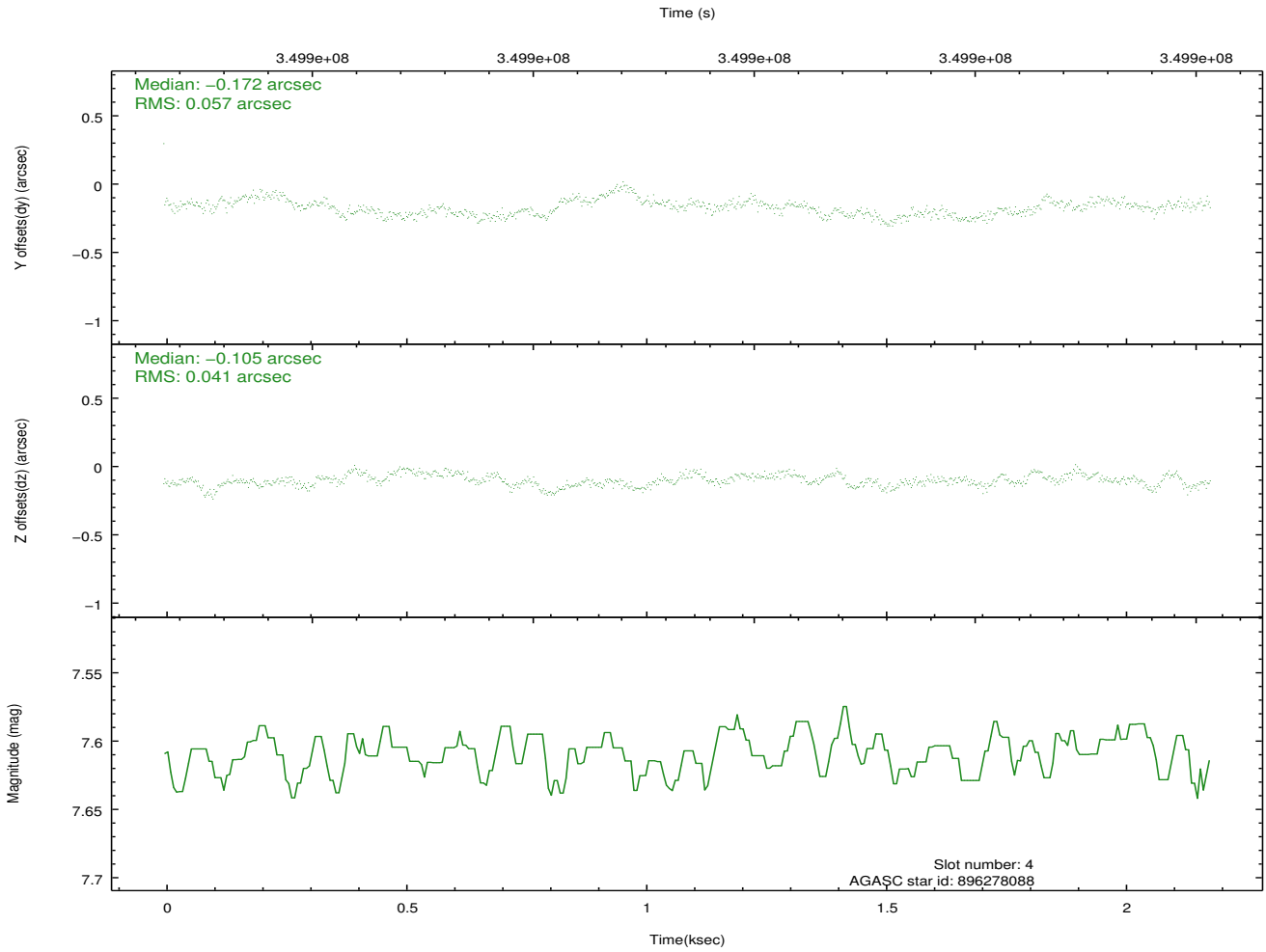
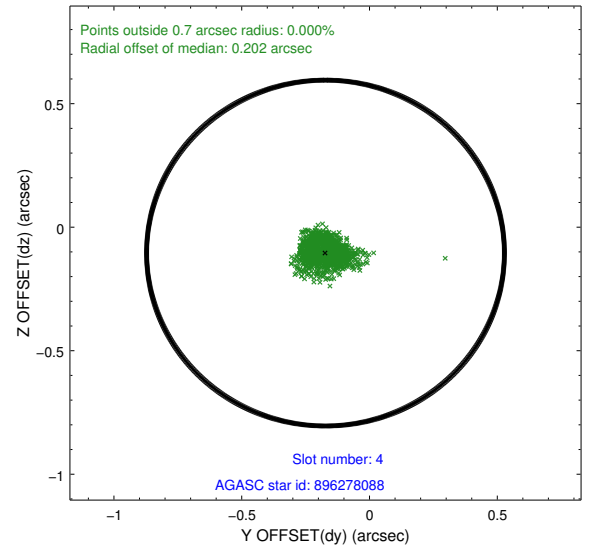
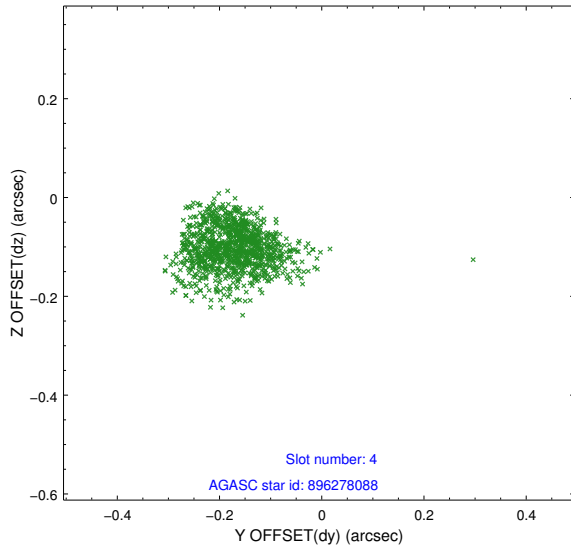
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.07	532	-0.042	0.012	0.009	0.016	0.000000	0.000000	925.88	-839.30
1	FID	ACIS-I-2	6.99	532	-0.174	-0.074	0.006	0.011	0.000000	0.000000	-766.69	-847.32
2	FID	ACIS-I-4	6.98	532	0.117	0.128	0.007	0.014	0.000000	0.000000	2144.56	1059.10
3	GUIDE	896276544	8.10	1065	-0.103	-0.120	0.061	0.097	263.666616	-29.255819	967.22	88.67
4	GUIDE	896278088	7.61	1065	-0.172	-0.105	0.075	0.119	263.476198	-29.223388	1114.24	680.43
5	GUIDE	966663320	8.38	1065	0.031	-0.252	0.062	0.098	263.144579	-30.119819	-2060.41	1869.38
6	GUIDE	966794640	9.35	1062	0.155	0.186	0.091	0.141	263.854004	-30.029028	-1844.30	-352.72
7	GUIDE	896406904	8.99	1063	0.098	0.285	0.080	0.131	264.311862	-29.742267	-890.28	-1837.32

2.4 Star Slots

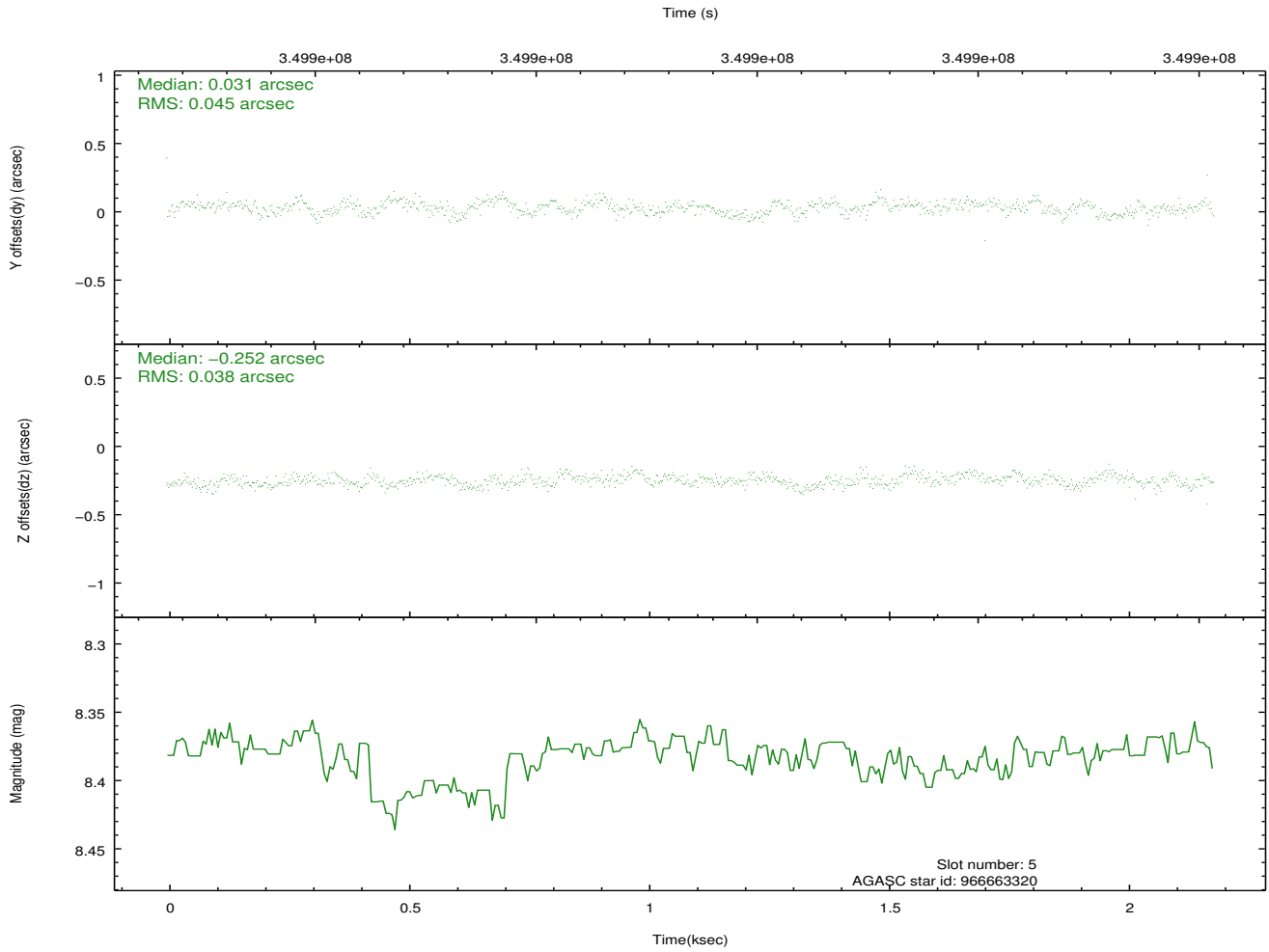
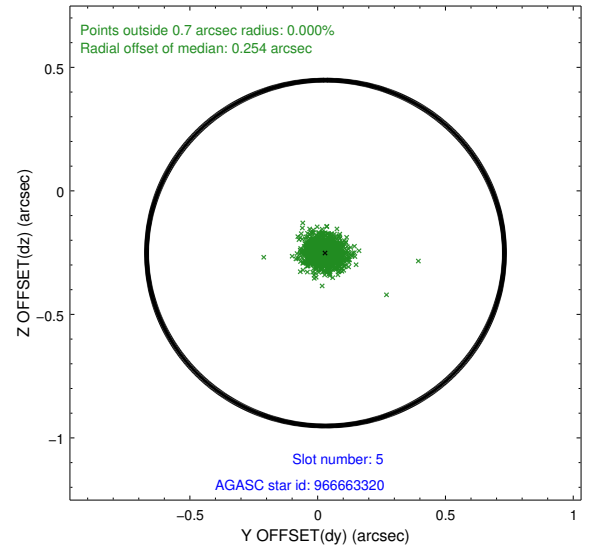
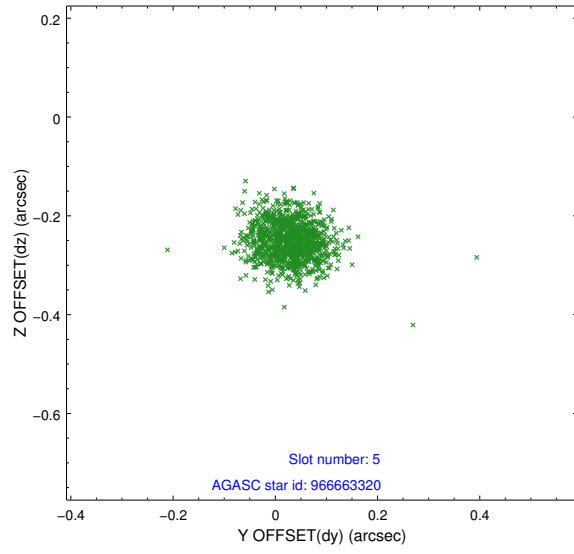
2.4.1 Slot 3



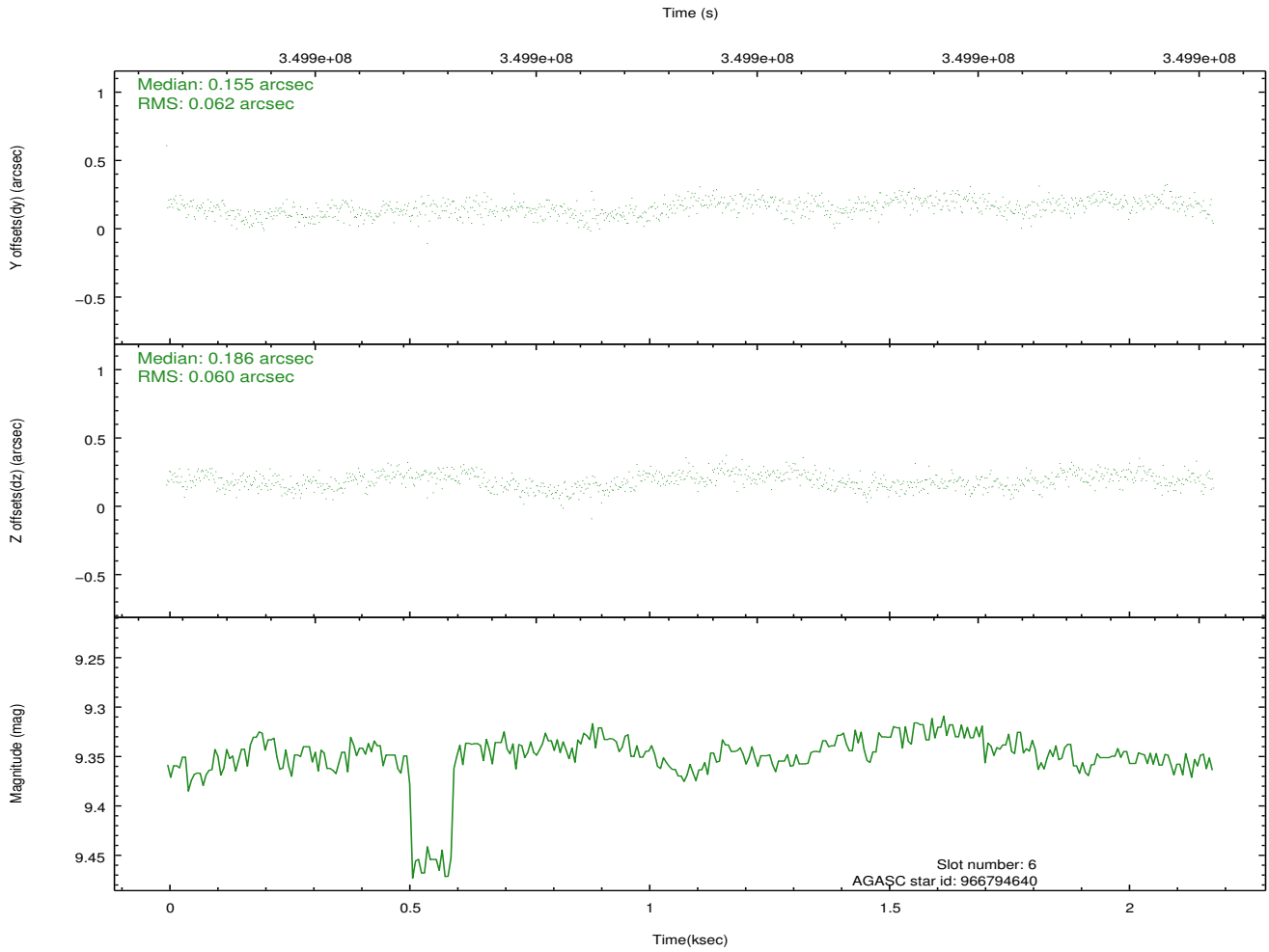
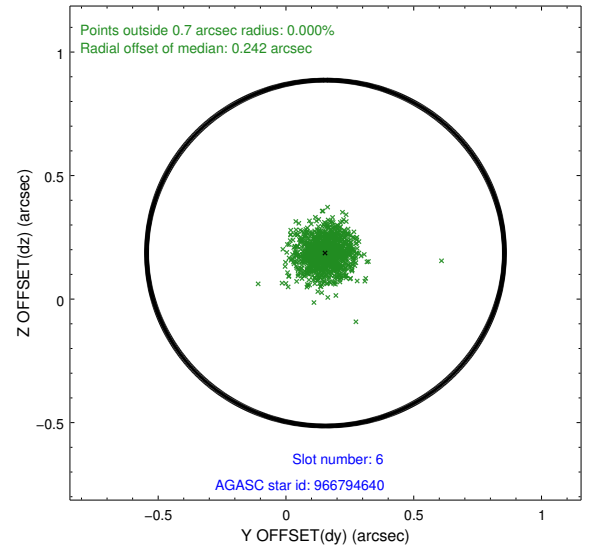
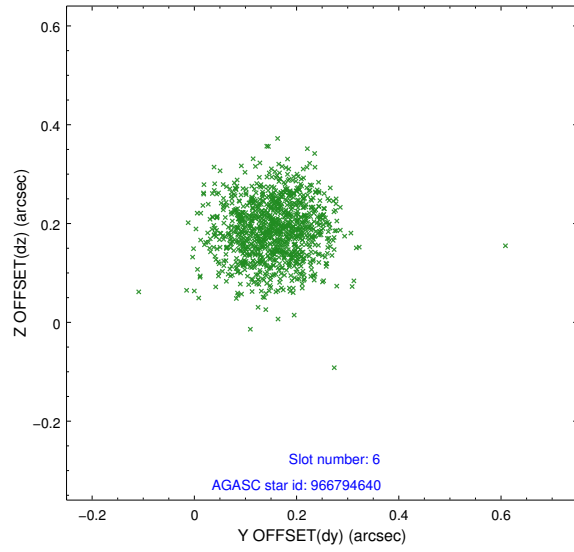
2.4.2 Slot 4



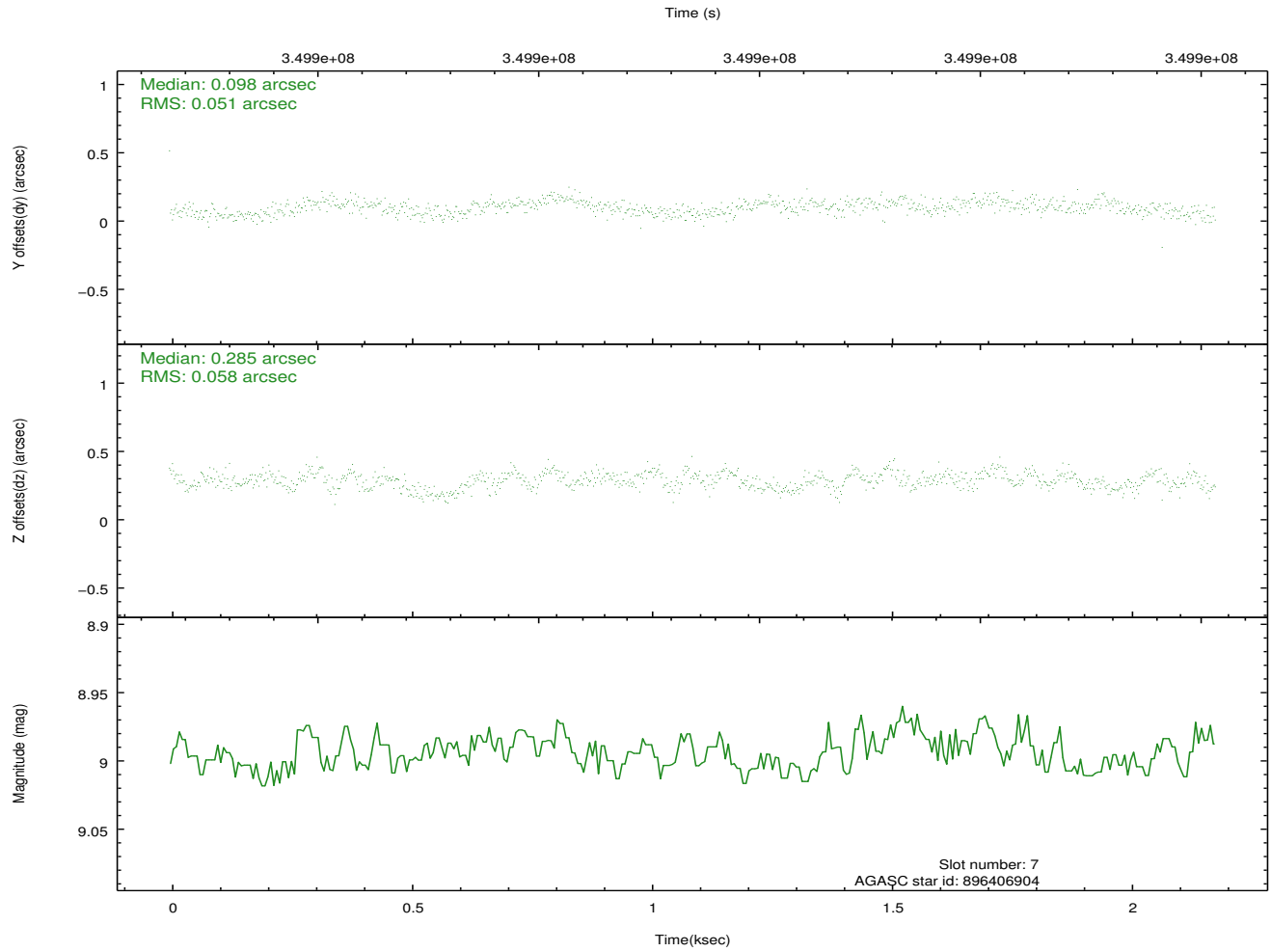
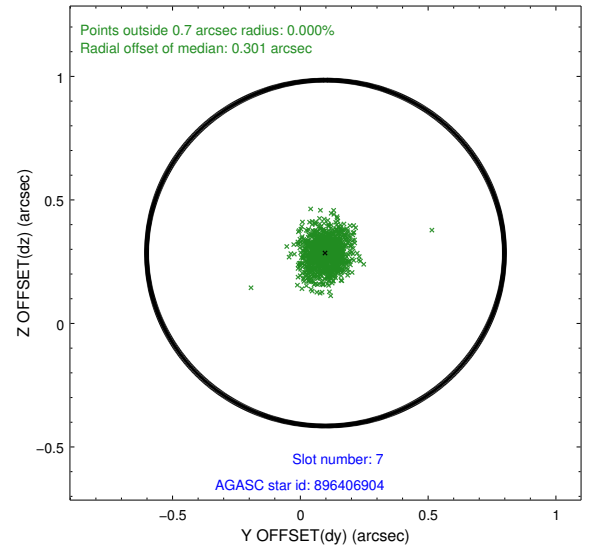
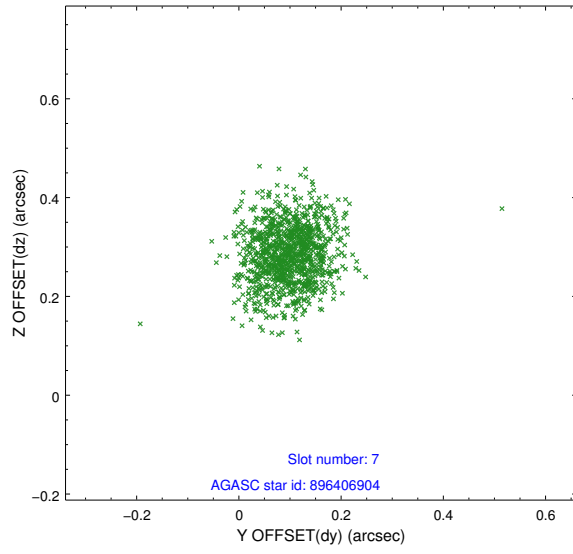
2.4.3 Slot 5



2.4.4 Slot 6

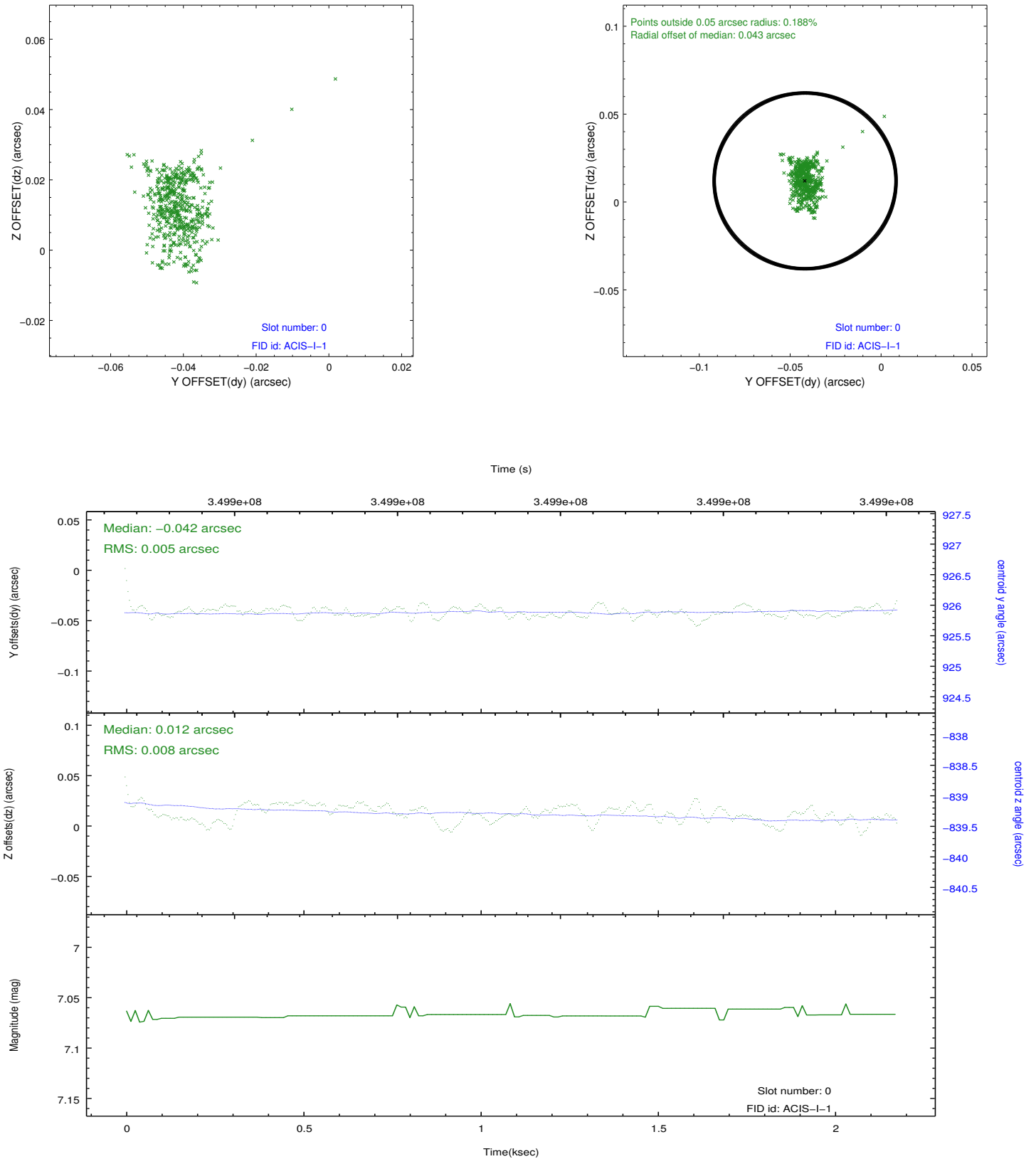


2.4.5 Slot 7

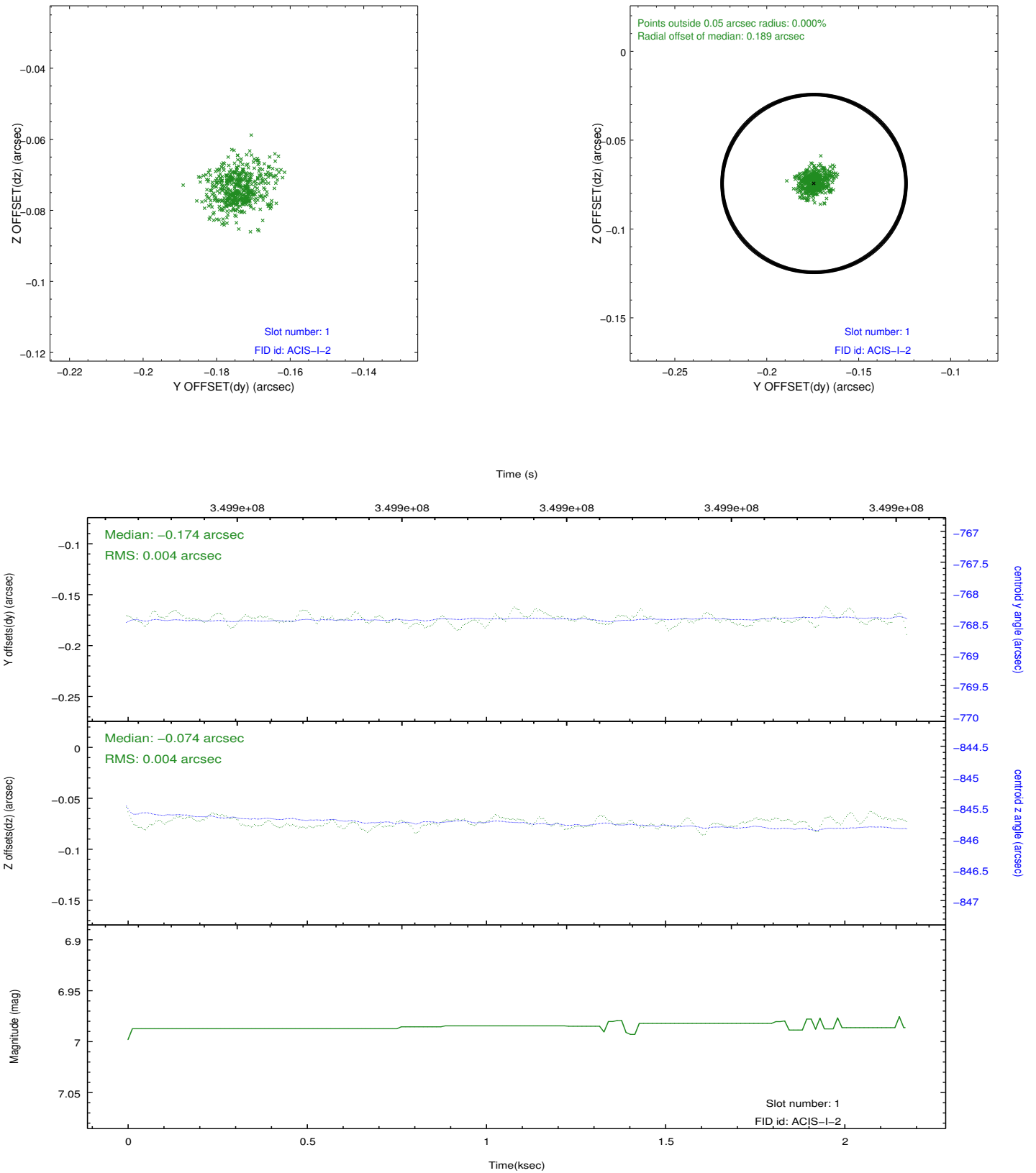


2.5 FID Slots

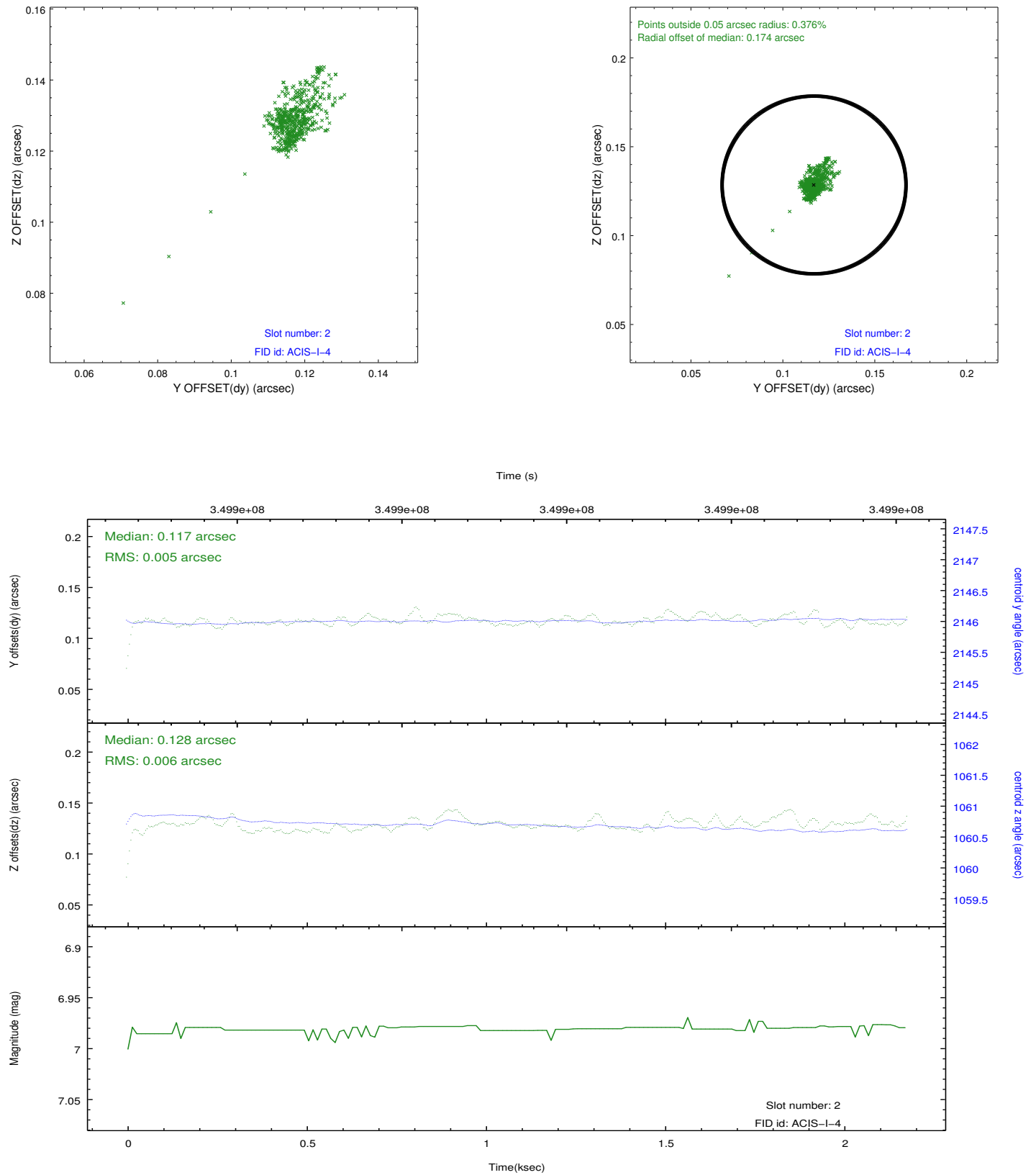
2.5.1 Slot 0



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