

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3295 - L2 Version 3
Chandra X-Ray Center

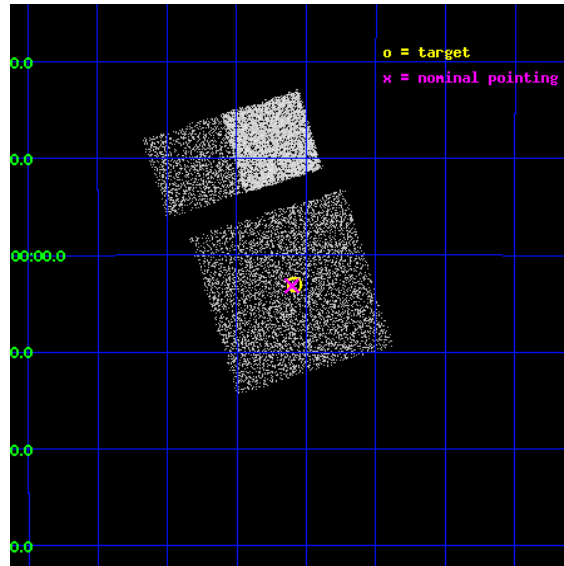
L2 Processing Date : Oct 2 2012

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1 Front

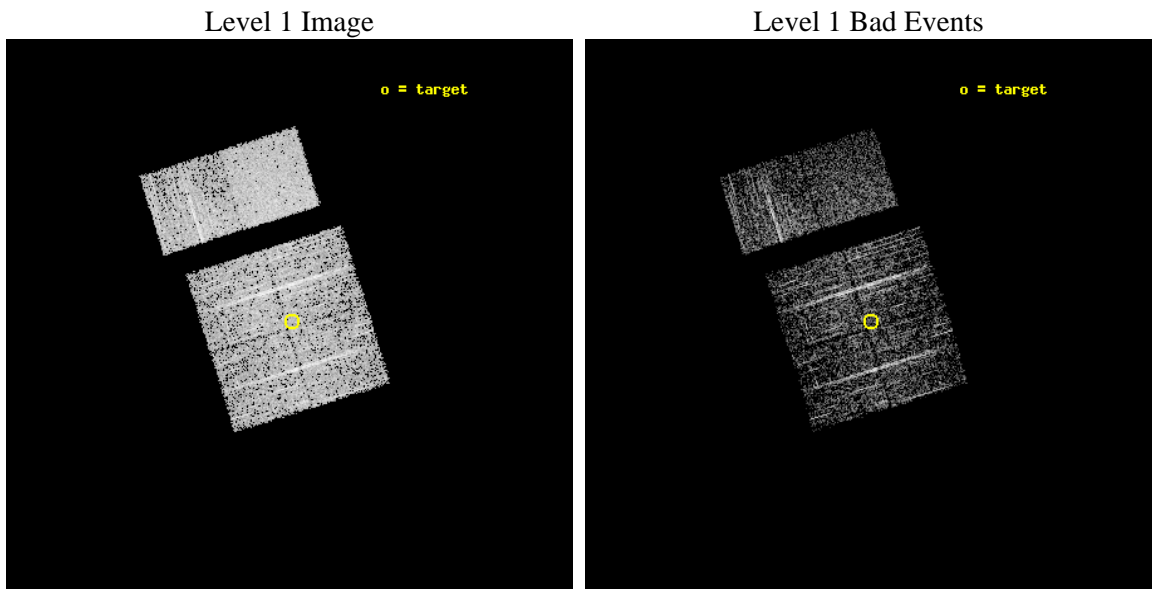
seq_num	900134	Sequence number
obs_id	3295	Observation id
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY	Proposal title
observer	DR. FABIO LA FRANCA	Principal investigator
object	H094605	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	146.522083	Observer's specified target RA [deg]
dec_targ	-14.049722	Observer's specified target Dec [deg]
ra_nom	146.52584488692	Nominal RA [deg]
dec_nom	-14.052788351812	Nominal Dec [deg]
roll_nom	342.58820452548	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2243.2000020742	Sum of GTIs [s]
livetime	2214.7952529551	Livetime [s]
ontime0	2243.2000020742	Sum of GTIs [s]
ontime1	2243.2000020742	Sum of GTIs [s]
ontime2	2243.2000020742	Sum of GTIs [s]
ontime3	2243.2000020742	Sum of GTIs [s]
ontime6	2243.2000020742	Sum of GTIs [s]
ontime7	2243.2000020742	Sum of GTIs [s]
l2events	16127	Number of level 2 events



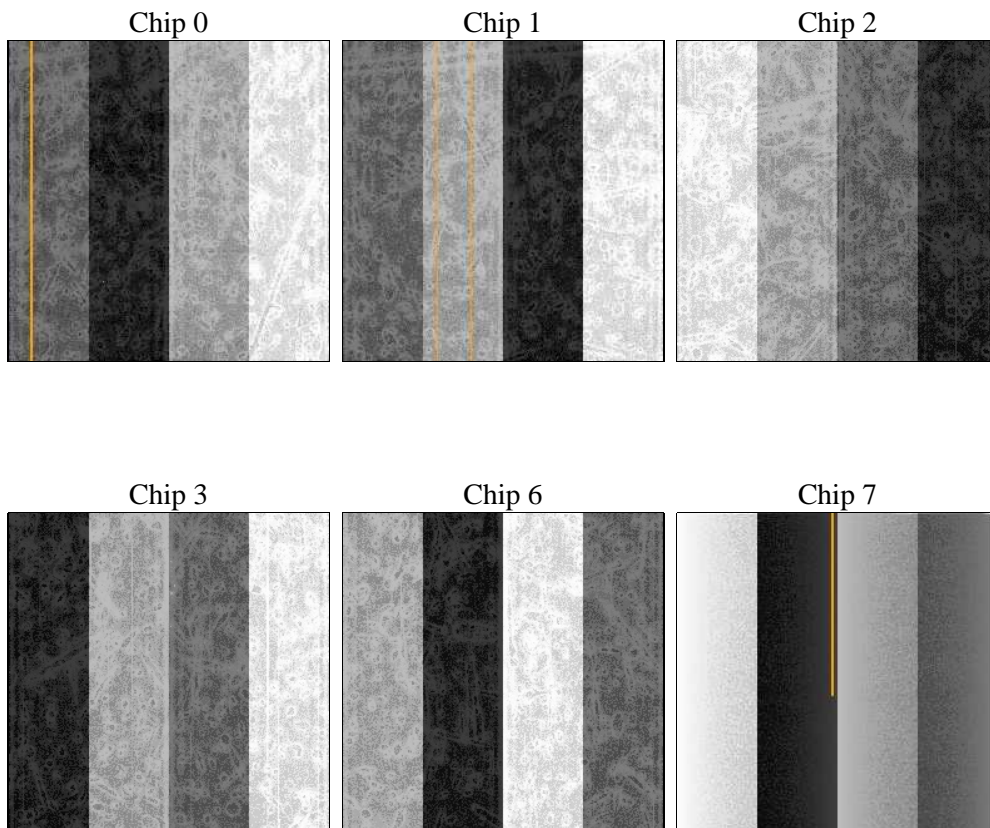
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2243.2000020742	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2243.2000020742	Sum of GTIs [s]
date	2012-10-03T02:34:37	Date and time of file creation	ontime1	2243.2000020742	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2243.2000020742	Sum of GTIs [s]
			ontime3	2243.2000020742	Sum of GTIs [s]
			ontime6	2243.2000020742	Sum of GTIs [s]
			ontime7	2243.2000020742	Sum of GTIs [s]
			l1events	93612	Number of level 1 events

2.1.4 Events

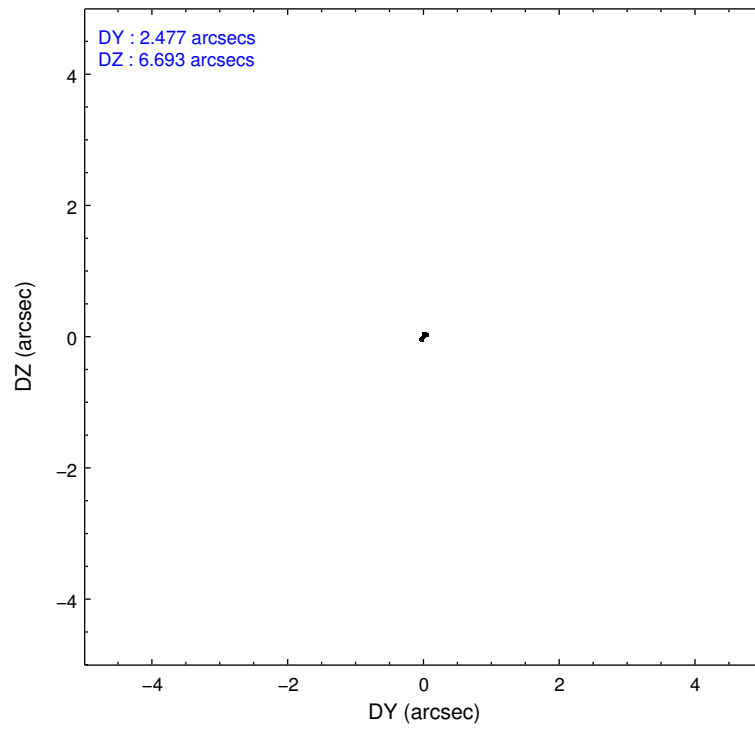
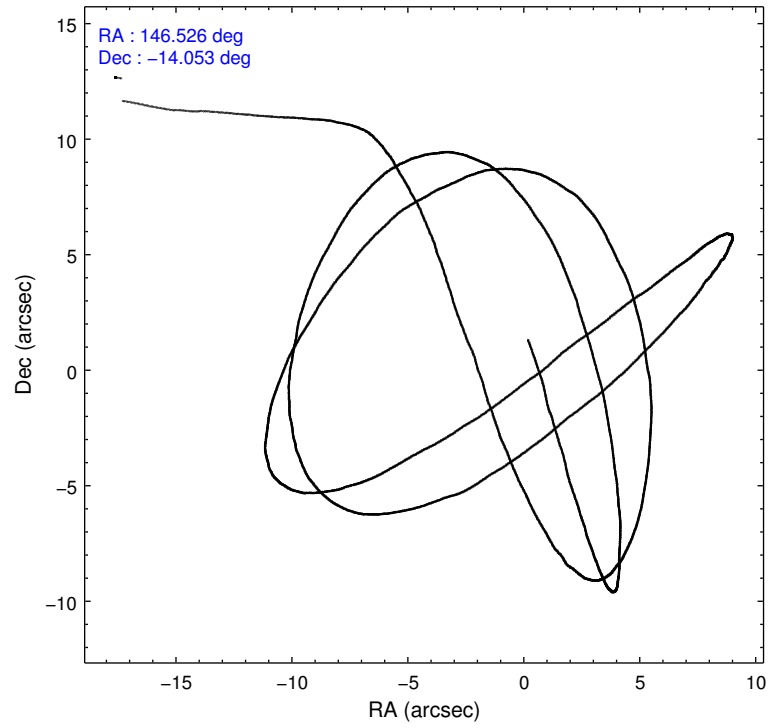
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	13272	13778	15418	15288	16027	19829
rejected events	11298	11910	13582	13417	14156	11517
rejected %	85%	86%	88%	87%	88%	58%

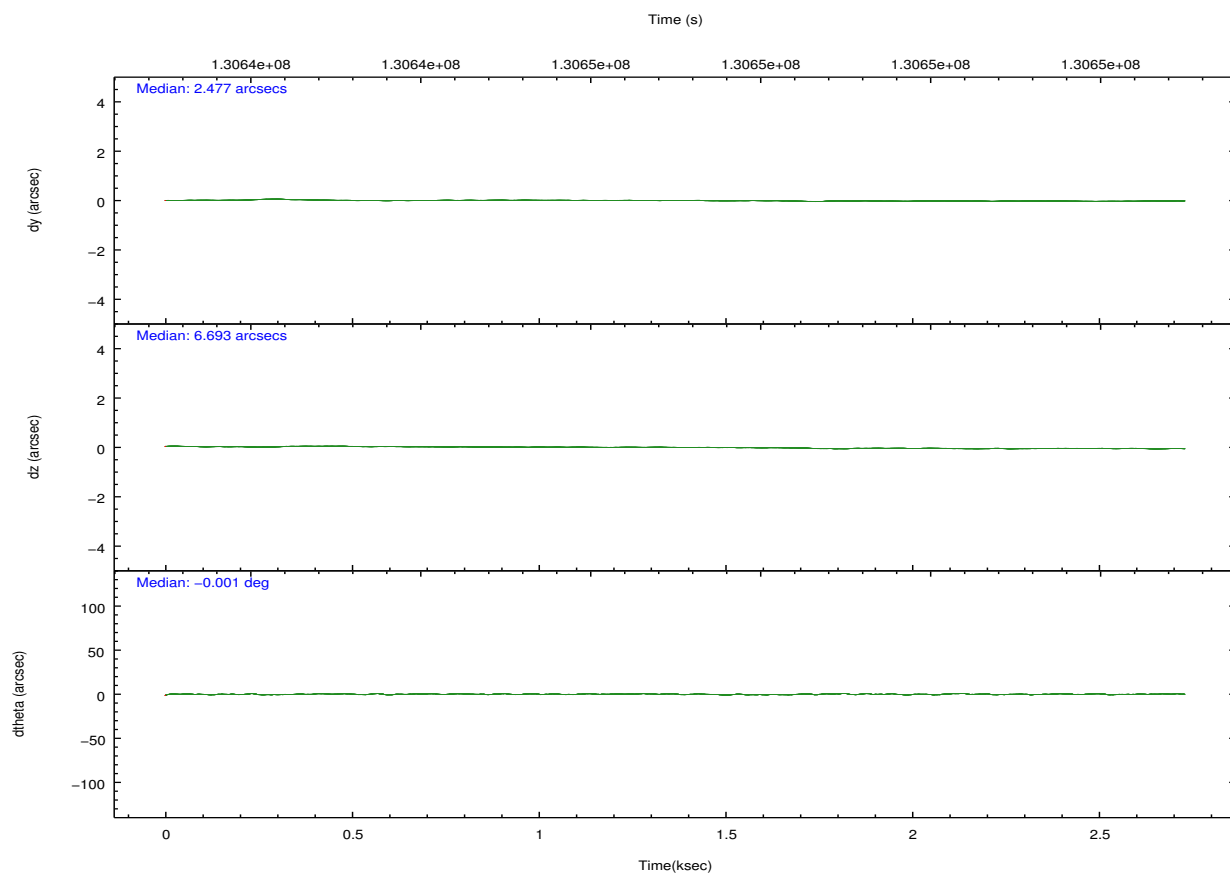
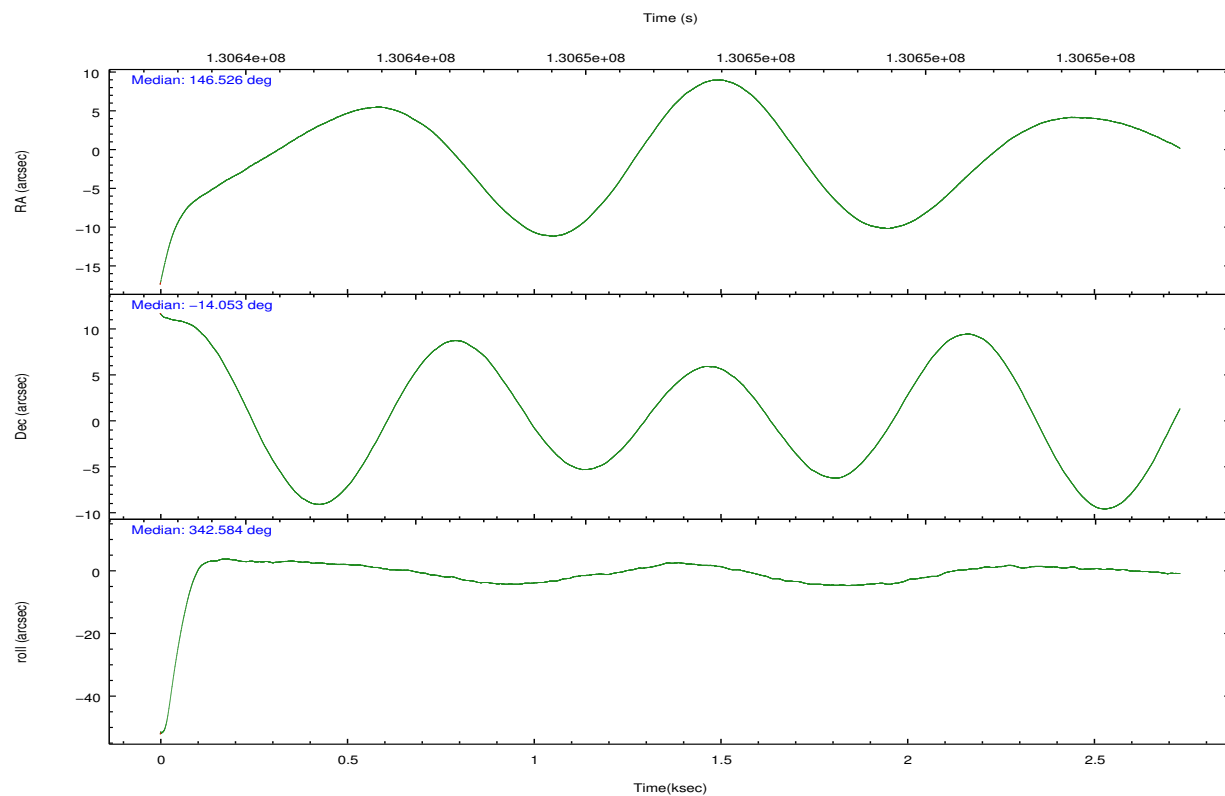
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	823	731	719	756	746	755
	6%	5%	4%	4%	4%	3%
grade 1 events	8	2	8	11	13	21
	0%	0%	0%	0%	0%	0%
grade 2 events	437	427	409	406	416	1645
	3%	3%	2%	2%	2%	8%
grade 3 events	189	179	163	157	165	749
	1%	1%	1%	1%	1%	3%
grade 4 events	178	178	181	165	162	731
	1%	1%	1%	1%	1%	3%
grade 5 events	525	603	540	578	719	1950
	3%	4%	3%	3%	4%	9%
grade 6 events	353	358	367	389	384	4442
	2%	2%	2%	2%	2%	22%
grade 7 events	10759	11300	13031	12826	13422	9536
	81%	82%	84%	83%	83%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	146.498194	146.5258448869154	Subarray requested	NONE	NONE
[deg] Pointing Dec	-14.058805	-14.05278835181185	Alternating exposures requested	N	N
[deg] Pointing Roll	342.373044	342.5882045254824	[s] Primary exposure time	0.000000	3.2
[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)	130644813.184000	130643722.83962			
Observation start date	2002-02-21T02:12:29	2002-02-21T01:55:22			
[s] Observation end time (MET)	130647113.184000	130647247.81476			
Observation end date	2002-02-21T02:50:49	2002-02-21T02:54:07			
Read mode	TIMED	TIMED			

2.3 Aspect



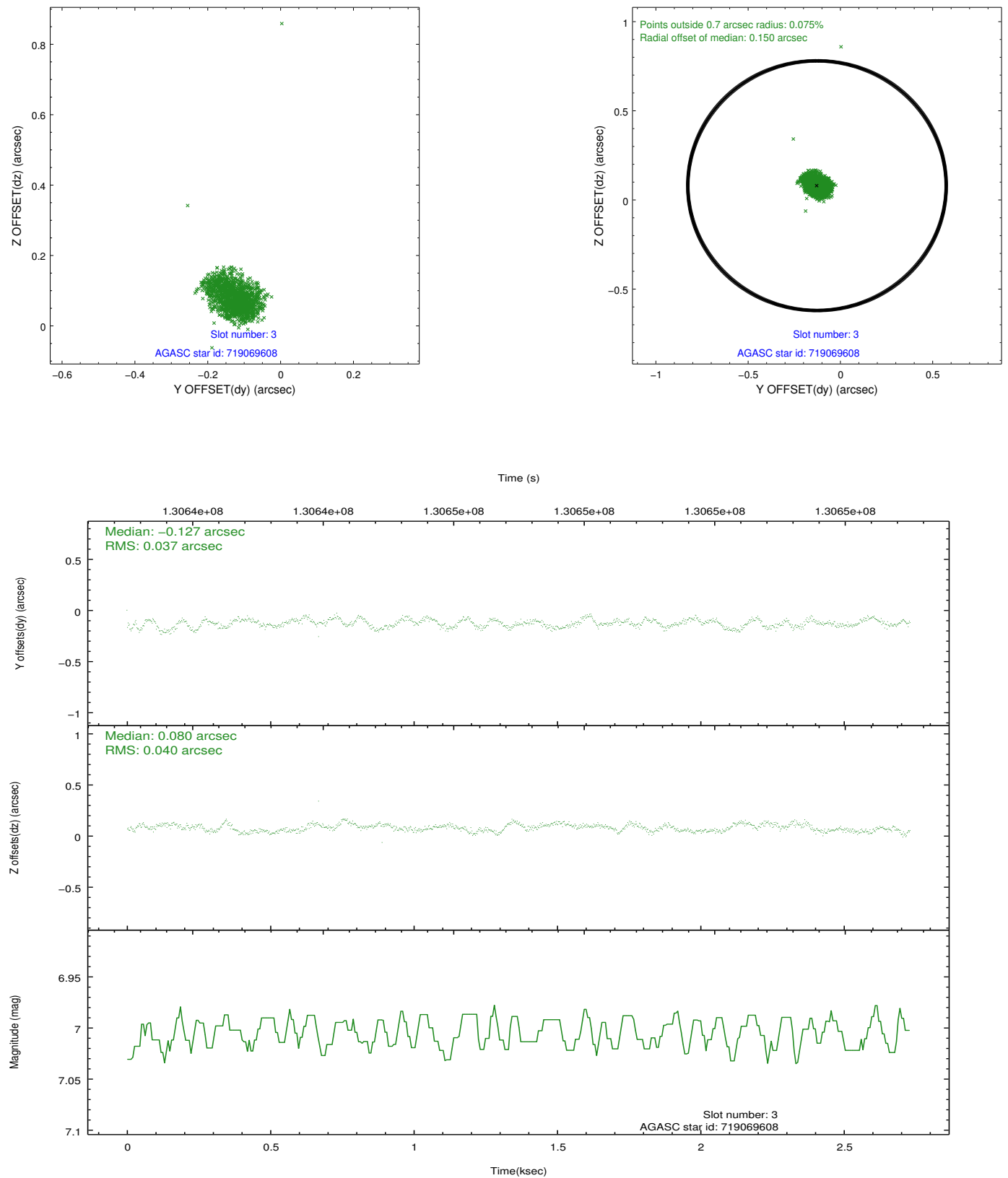


Slot Statistics

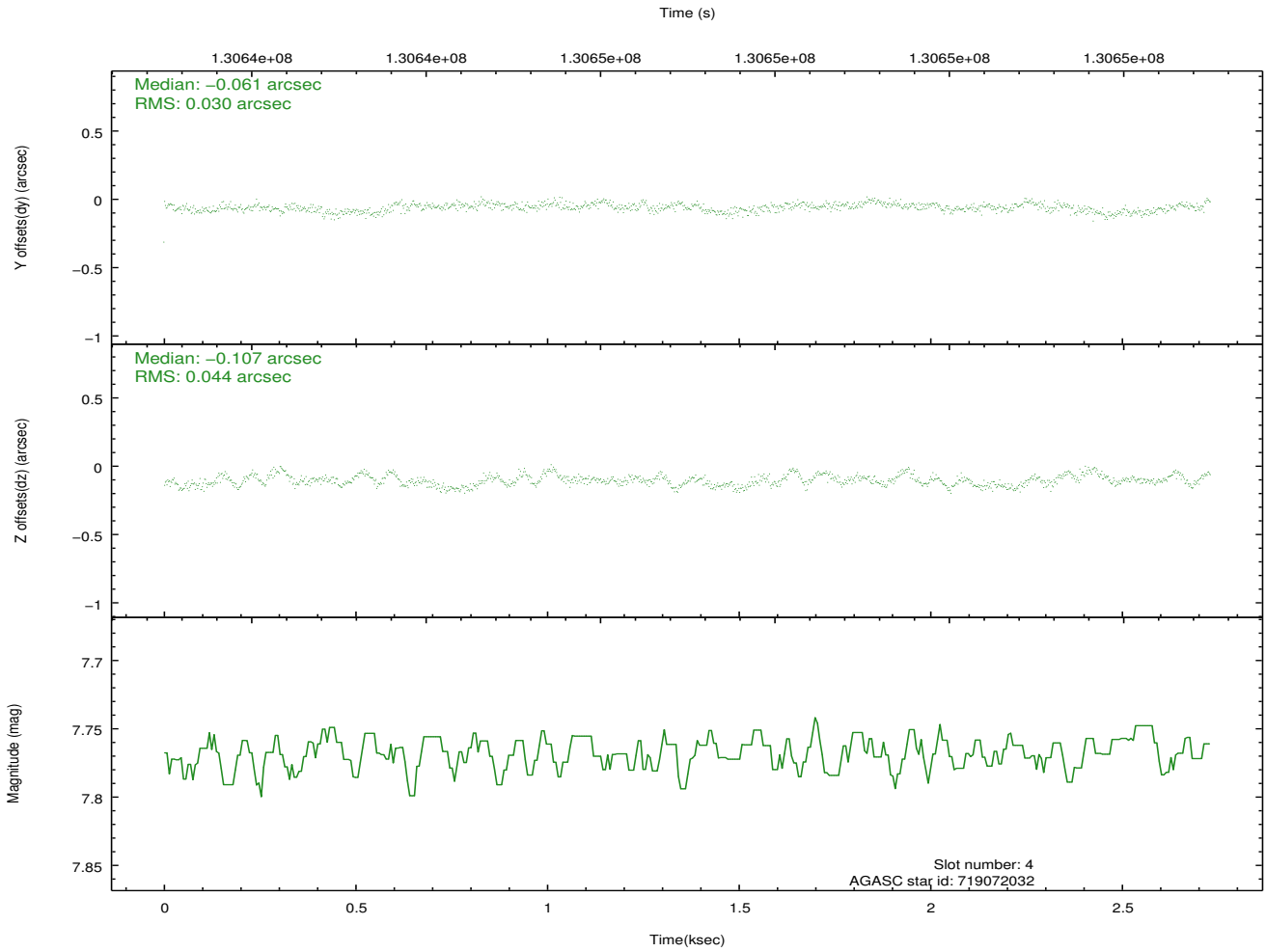
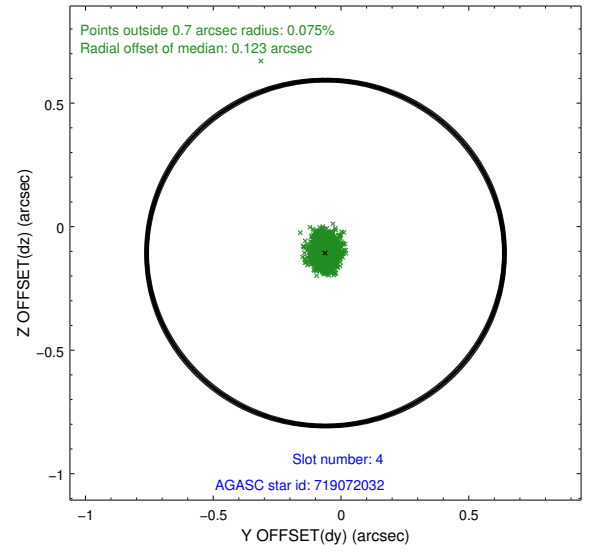
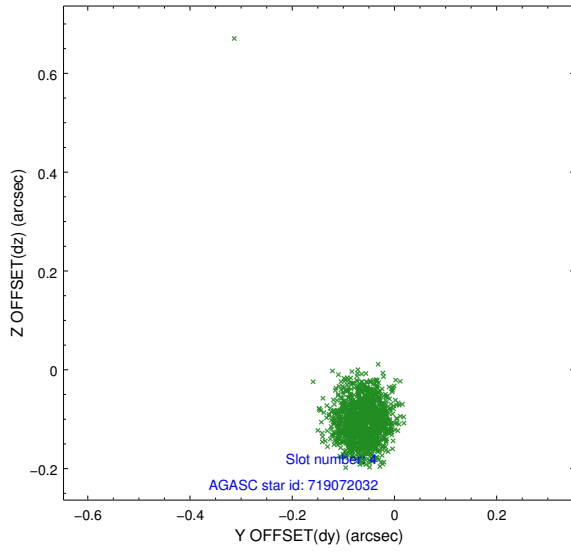
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	667	-0.006	0.013	0.006	0.011	0.000000	0.000000	937.31	-830.08
1	FID	ACIS-I-5	7.24	667	-0.044	0.047	0.006	0.010	0.000000	0.000000	-1809.48	1066.34
2	FID	ACIS-I-6	7.26	667	-0.042	0.011	0.007	0.011	0.000000	0.000000	400.33	1713.42
3	GUIDE	719069608	7.00	1333	-0.127	0.080	0.054	0.082	146.560429	-14.589983	785.31	-1757.26
4	GUIDE	719072032	7.77	1333	-0.061	-0.107	0.051	0.083	146.772063	-14.036413	887.37	363.98
5	GUIDE	719065304	8.30	1333	0.069	-0.086	0.048	0.080	146.031410	-13.723490	-1920.68	654.08
6	GUIDE	719070552	8.55	1333	-0.019	0.144	0.060	0.100	146.989897	-14.294542	1890.42	-290.86
7	GUIDE	719068824	9.25	1330	0.139	-0.033	0.094	0.152	146.084201	-13.455960	-2037.33	1627.26

2.4 Star Slots

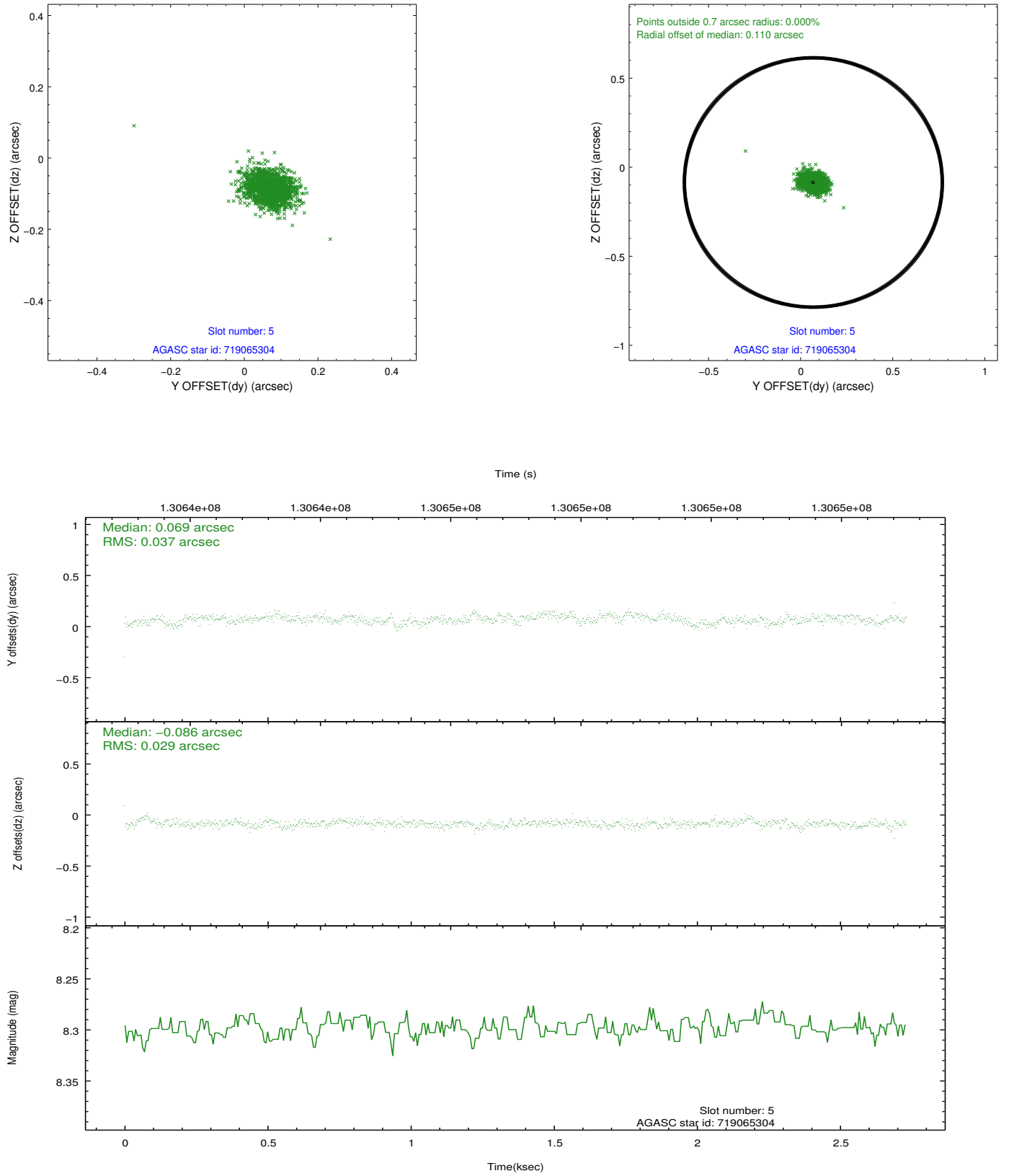
2.4.1 Slot 3



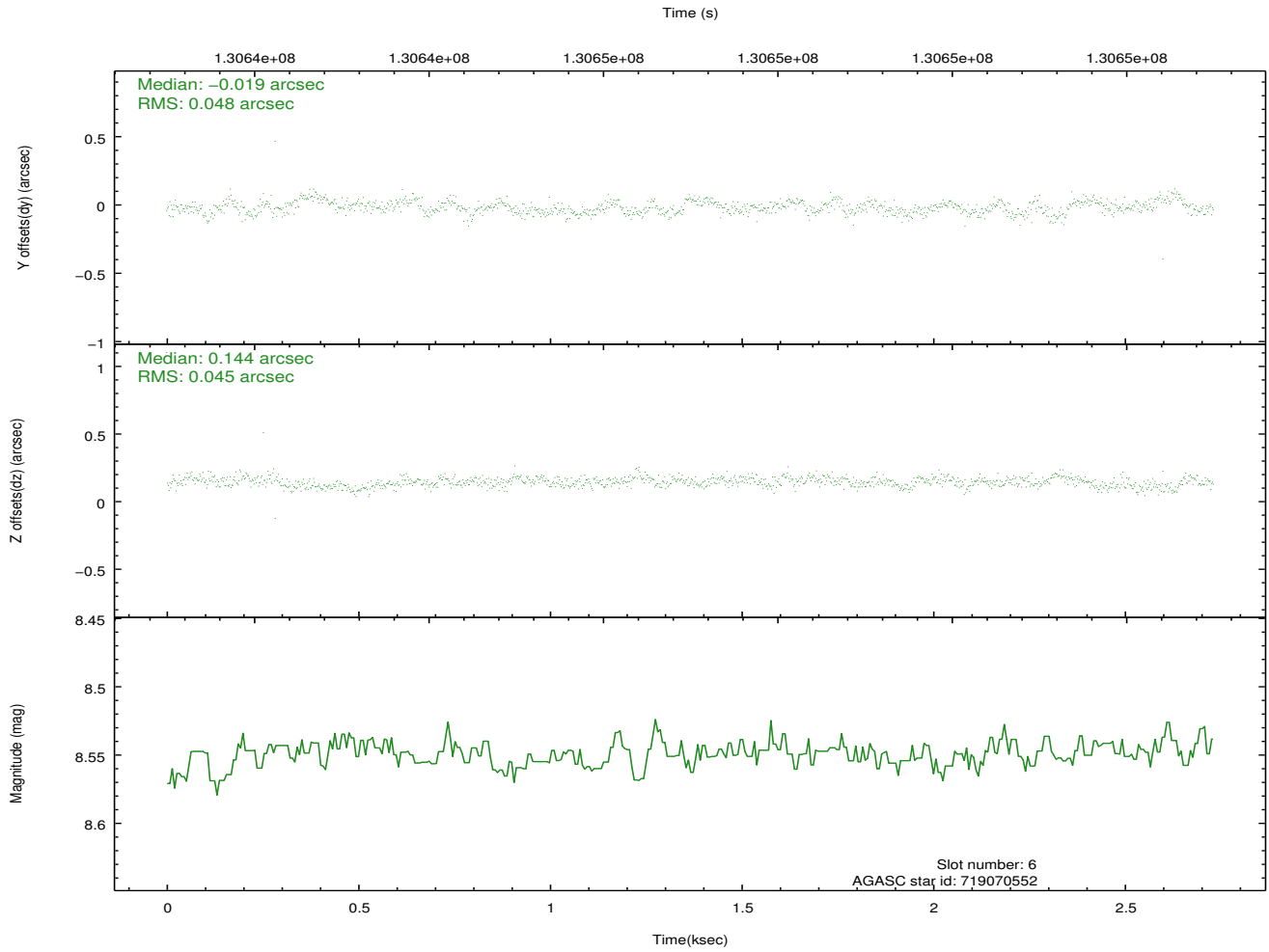
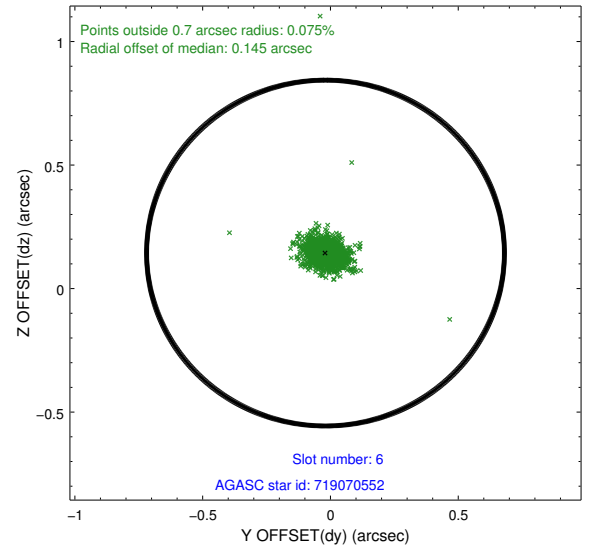
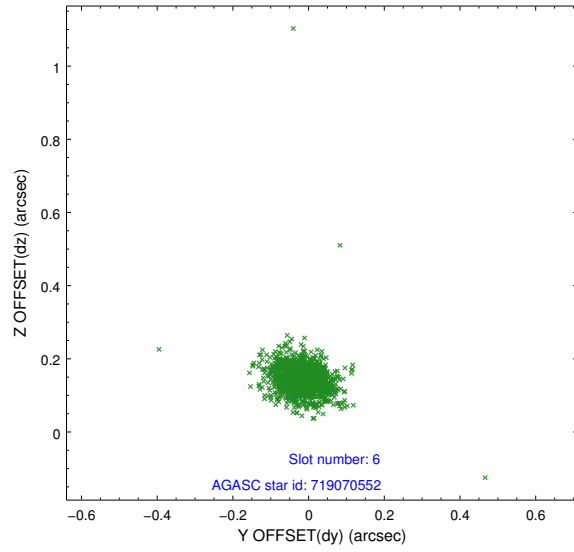
2.4.2 Slot 4



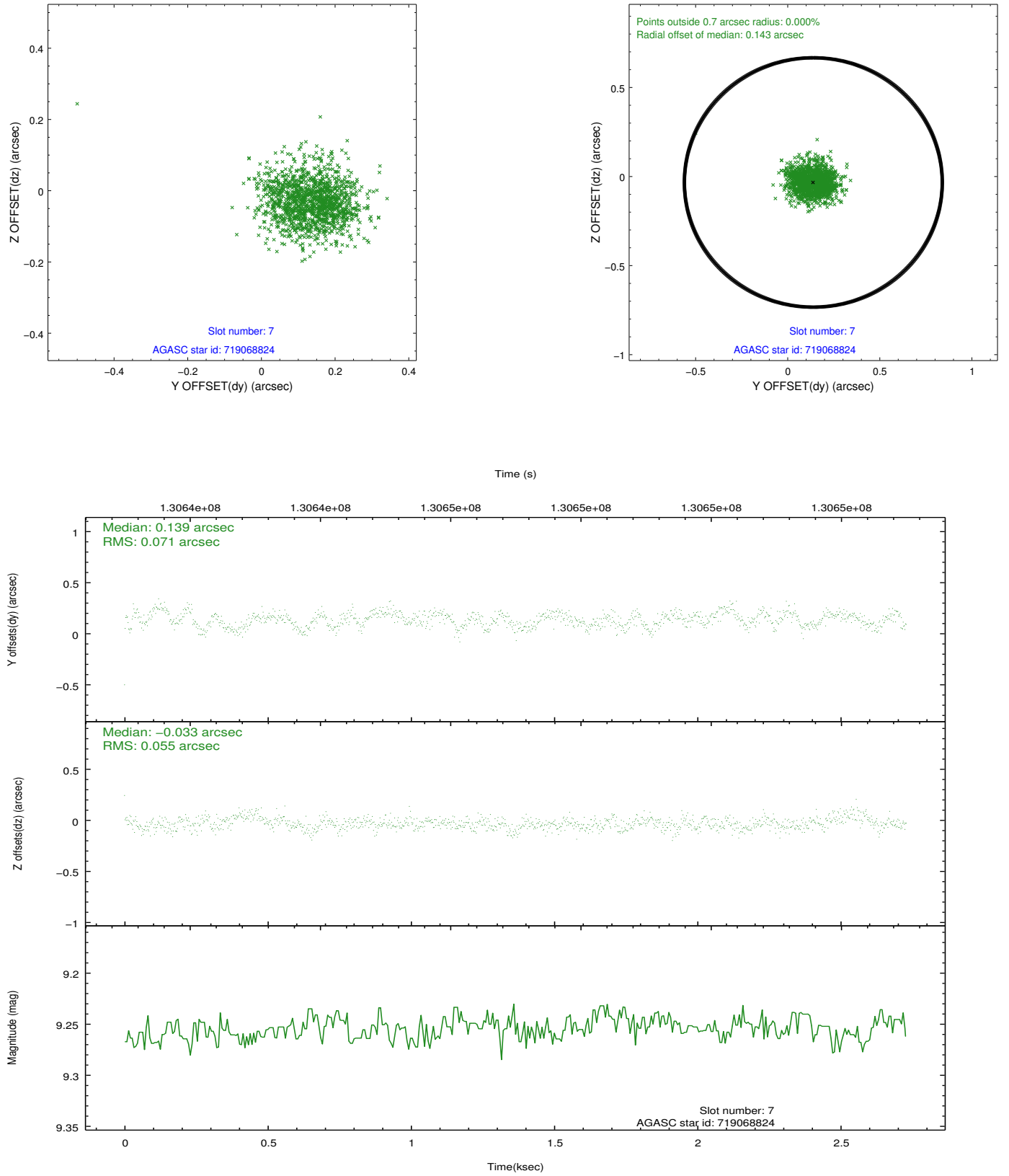
2.4.3 Slot 5



2.4.4 Slot 6

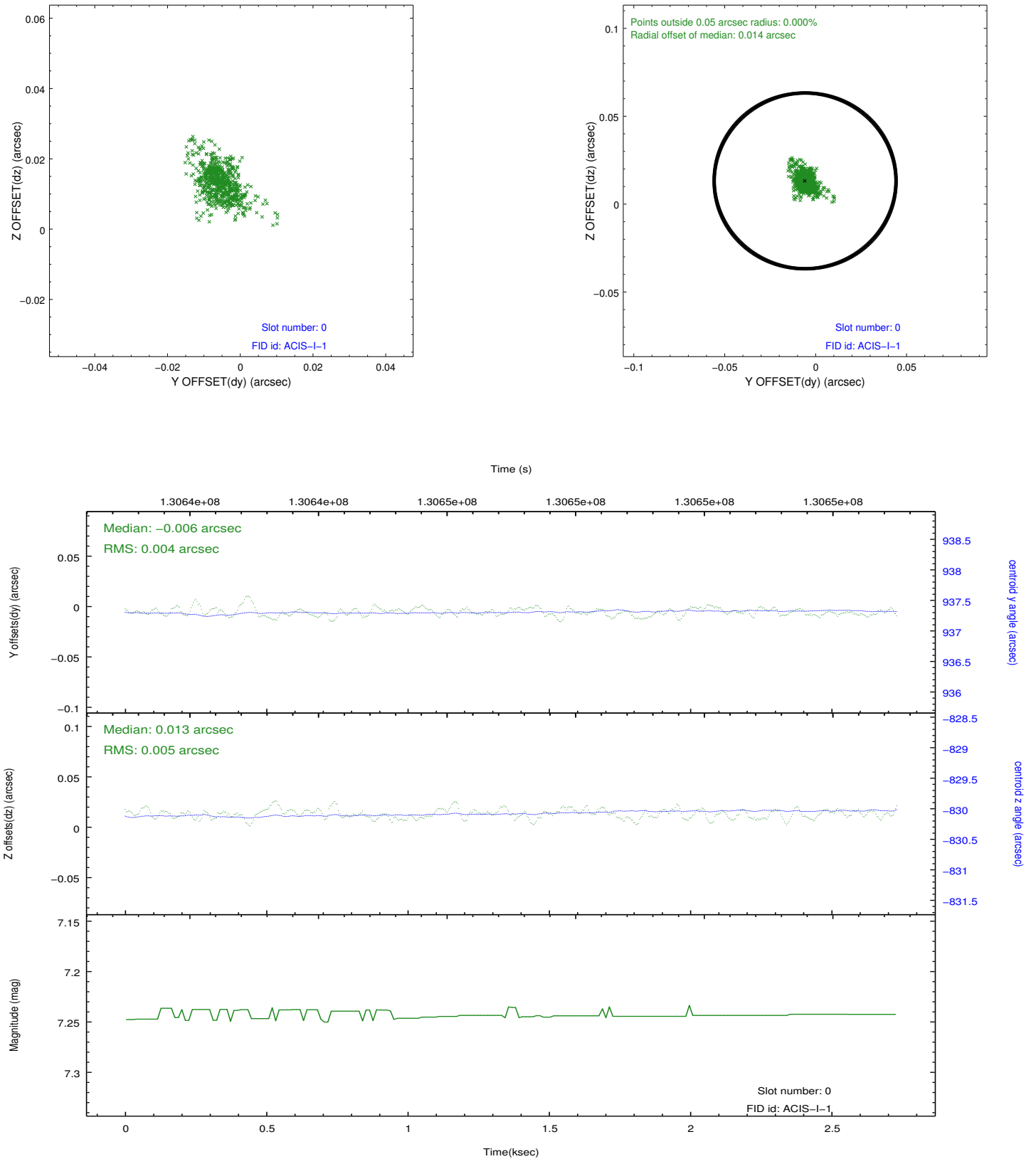


2.4.5 Slot 7

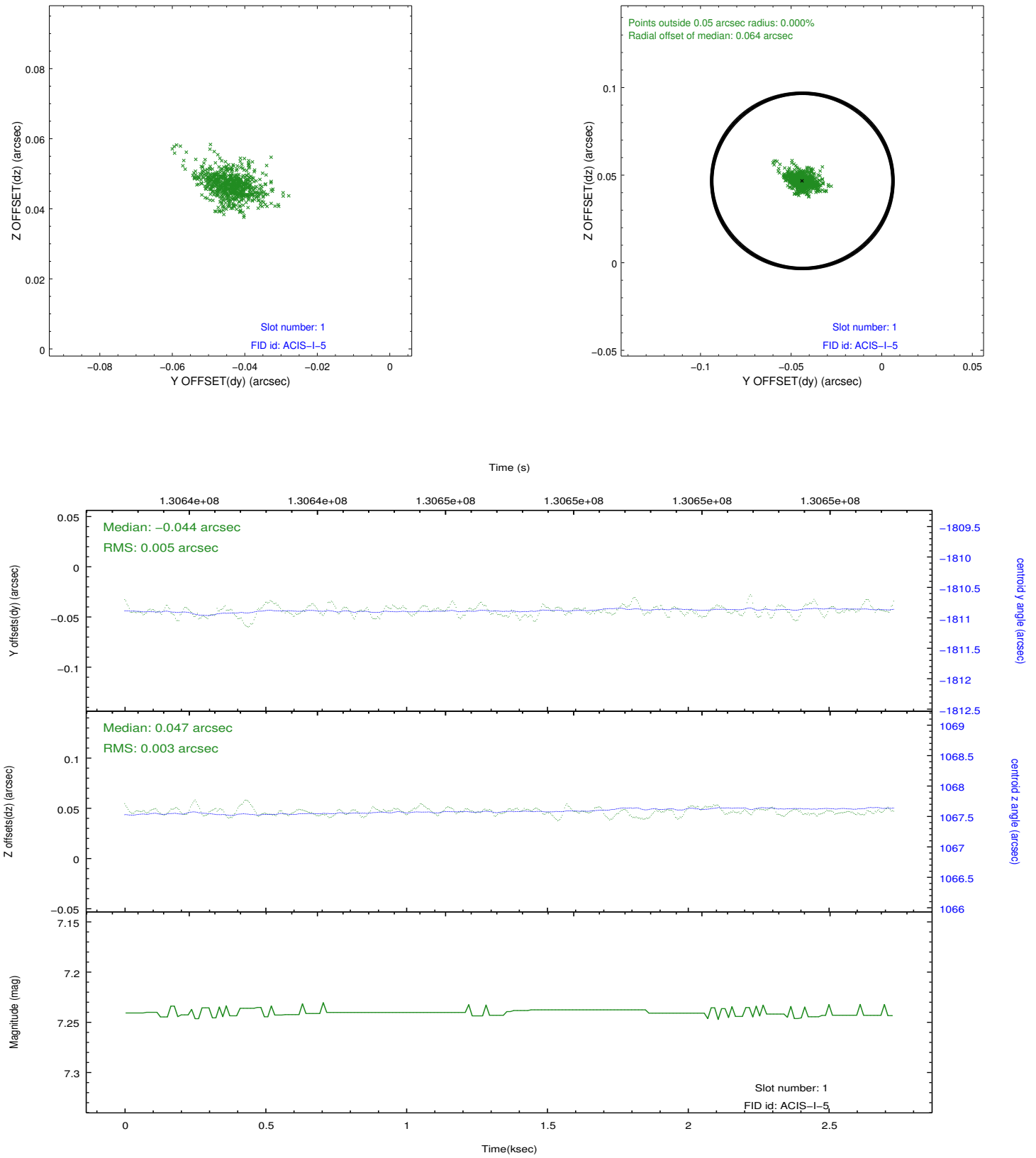


2.5 FID Slots

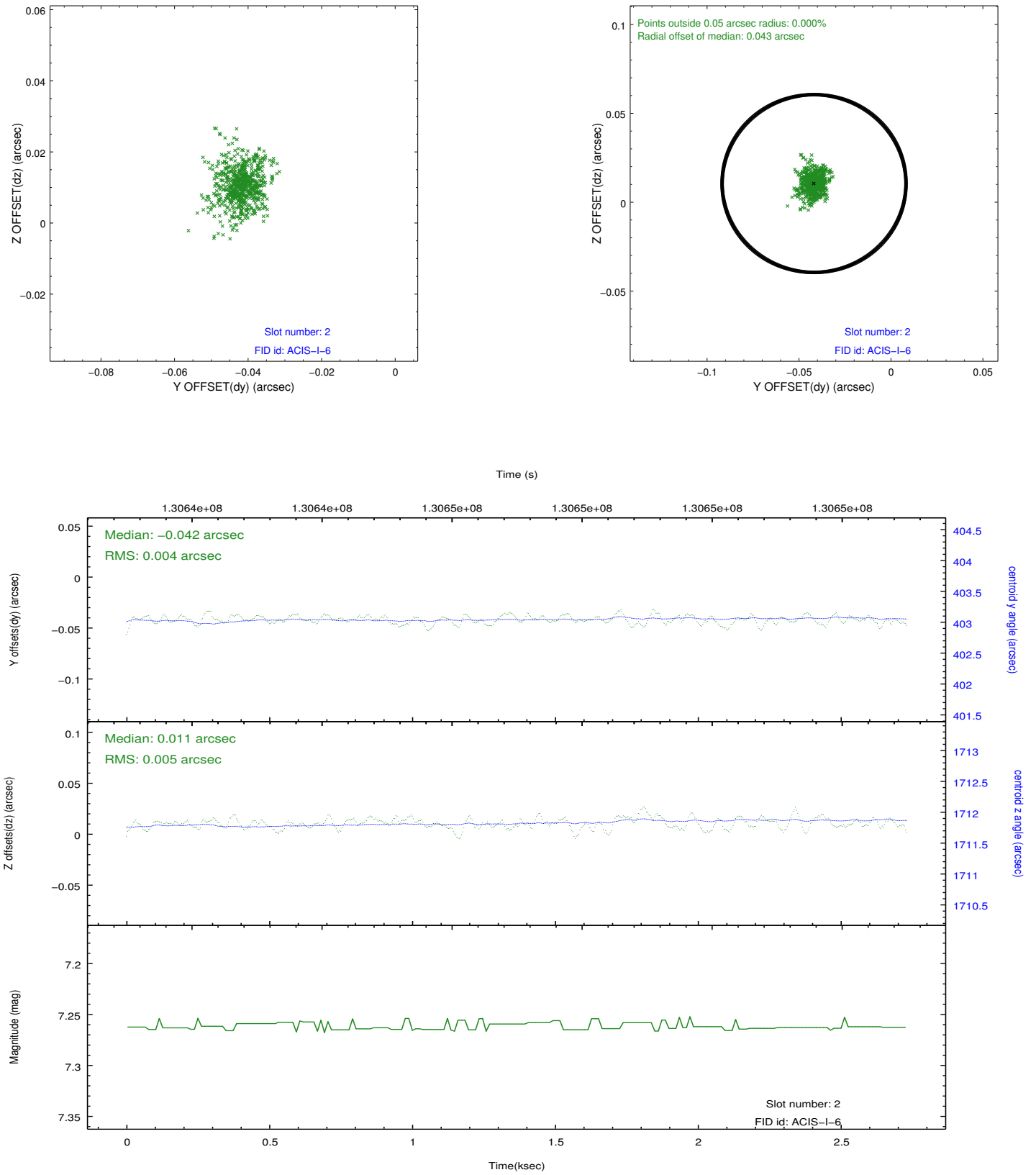
2.5.1 Slot 0



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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.246

A.2 Comments

Charge time for this ObsId remains at previous value of 2.246 ks although with the current processing the charge time would have been 2.24 ksec.