

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10370 - L2 Version 2
Chandra X-Ray Center

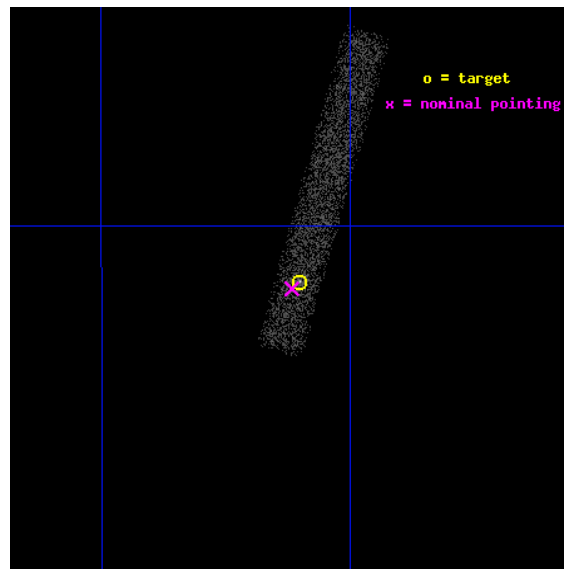
L2 Processing Date : Jun 8 2012

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1 Front

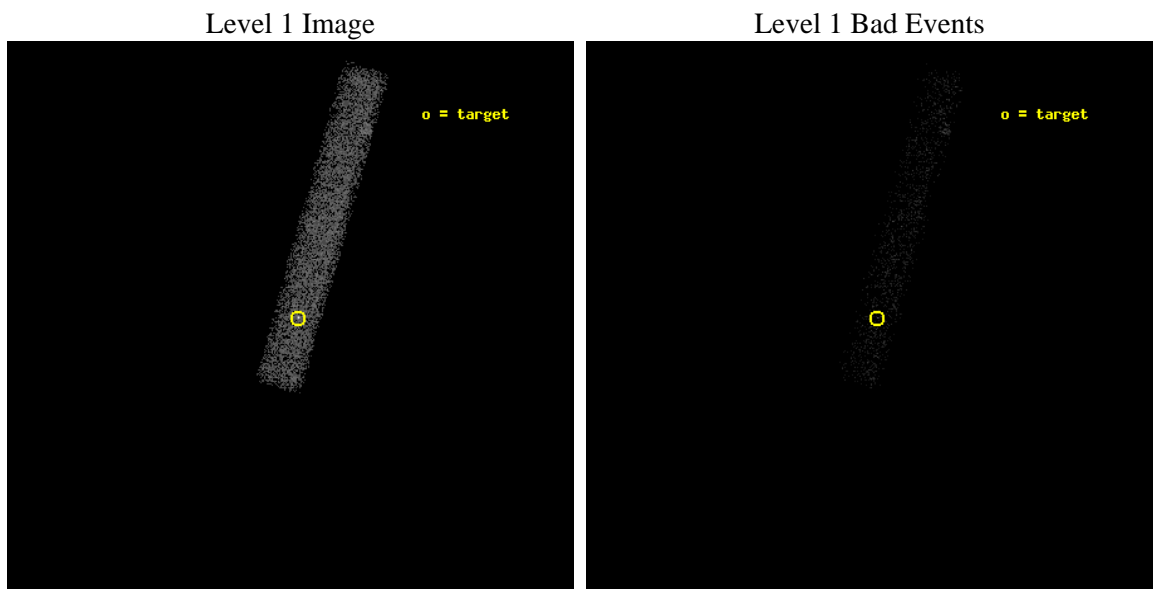
seq_num	701913	Sequence number
obs_id	10370	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	1622-297	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	246.525087	Observer's specified target RA [deg]
dec_targ	-29.857492	Observer's specified target Dec [deg]
ra_nom	246.52925828302	Nominal RA [deg]
dec_nom	-29.860689969397	Nominal Dec [deg]
roll_nom	285.65710057606	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6185.9996312857	Sum of GTIs [s]
livetime	5610.3751417429	Livetime [s]
ontime7	6185.9996312857	Sum of GTIs [s]
l2events	6193	Number of level 2 events



2 OBI

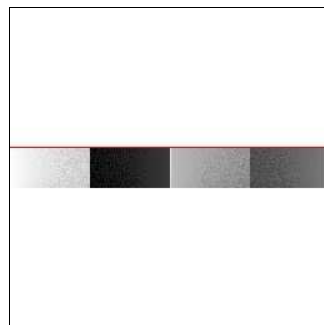
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6002.781000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6185.9996312857	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	6185.9996312857	Sum of GTIs [s]
date	2012-06-08T20:56:59	Date and time of file creation	l1events	14851	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

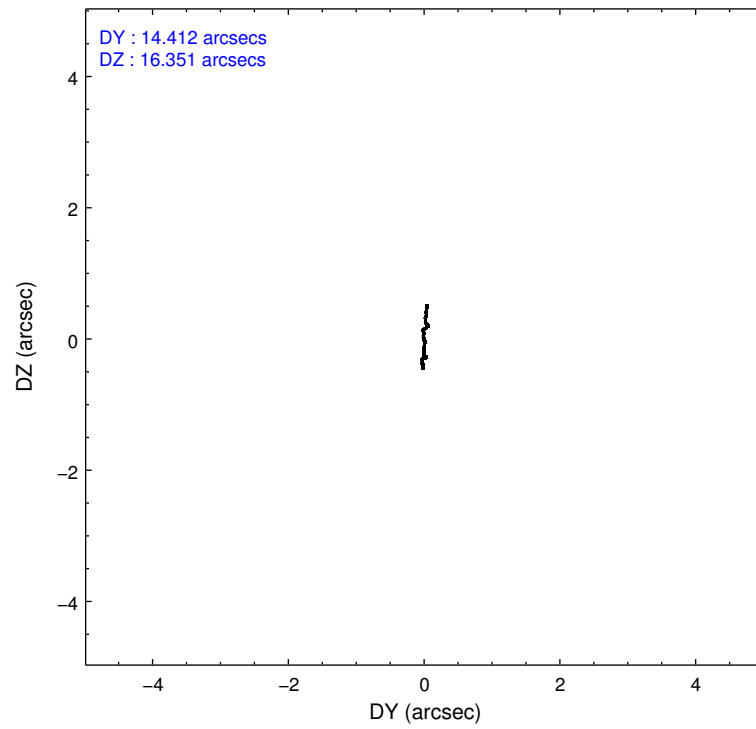
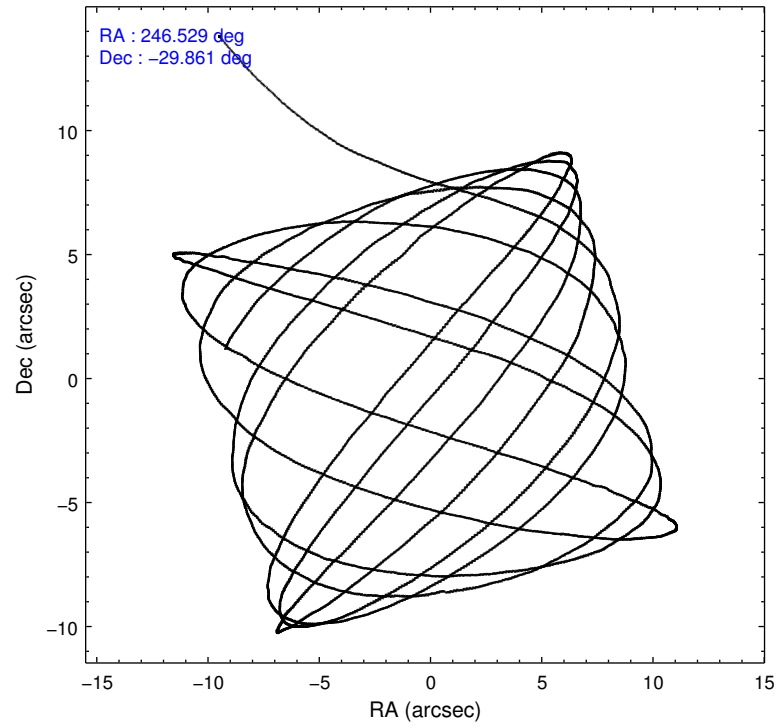
	ccd 7
level 1 events	14851
rejected events	8435
rejected %	56%

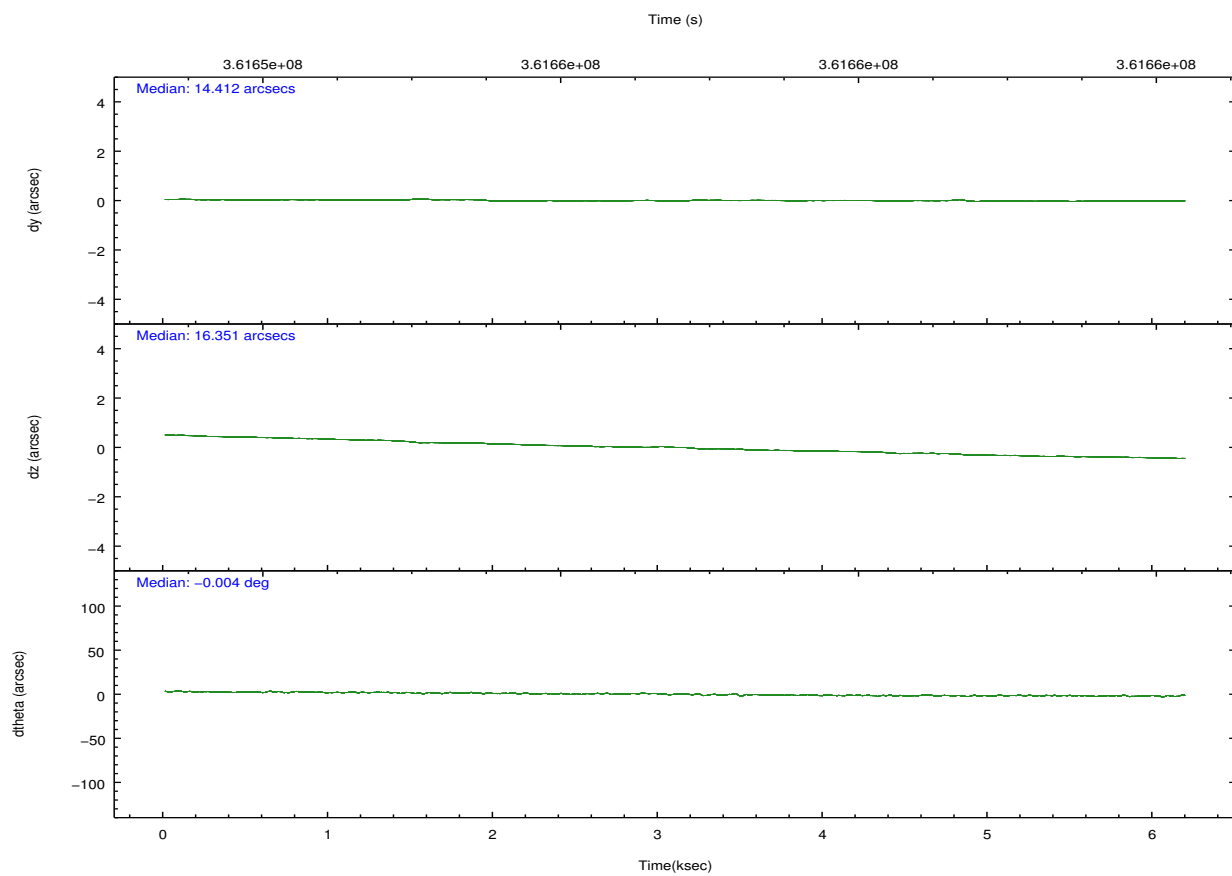
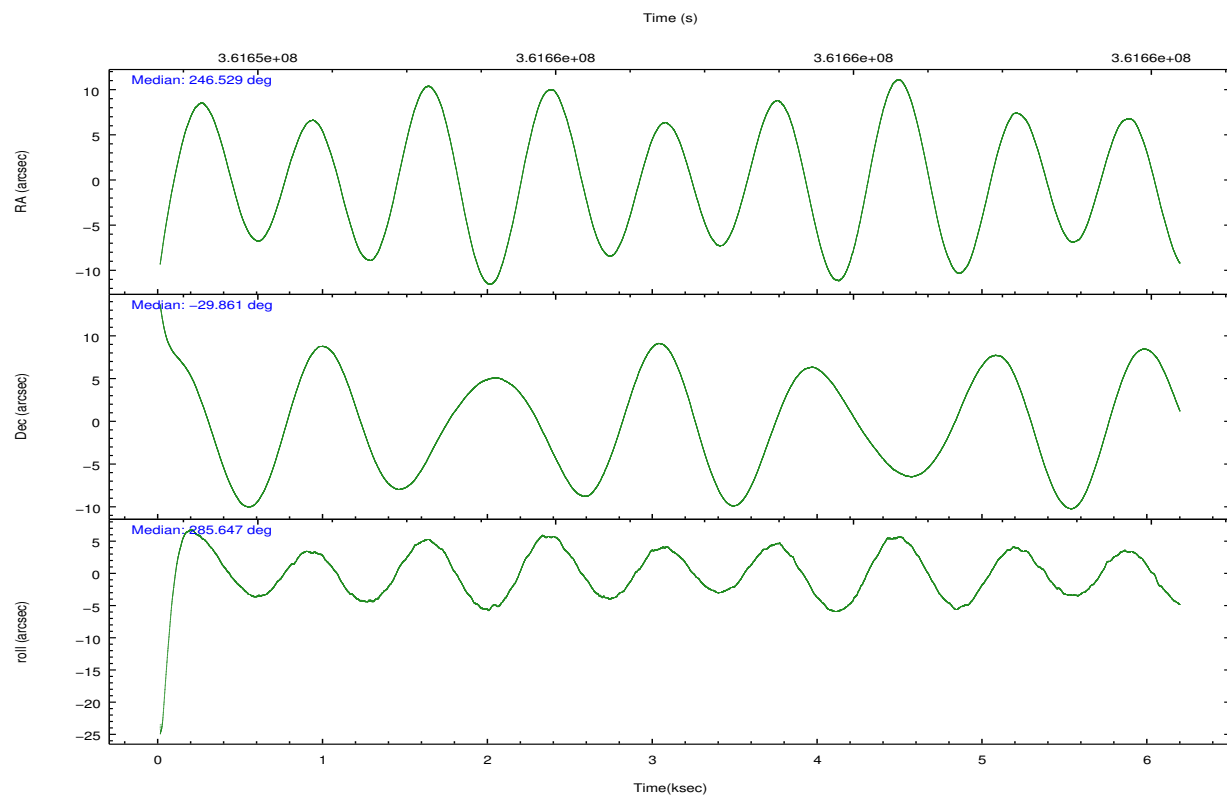
	ccd 7
grade 0 events	910
	6%
grade 1 events	23
	0%
grade 2 events	1491
	10%
grade 3 events	888
	5%
grade 4 events	885
	5%
grade 5 events	1324
	8%
grade 6 events	3159
	21%
grade 7 events	6171
	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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	246.506355	246.5292582830249	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-29.841933	-29.86068996939748	Subarray start row	449	449
[deg] Pointing Roll	285.489104	285.657100576062	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	361653862.184000	361652689.45564			
Observation start date	2009-06-17T19:23:16	2009-06-17T19:04:49			
[s] Observation end time (MET)	361659865.184000	361660093.03101			
Observation end date	2009-06-17T21:03:19	2009-06-17T21:08:13			
Read mode	TIMED	TIMED			

2.3 Aspect



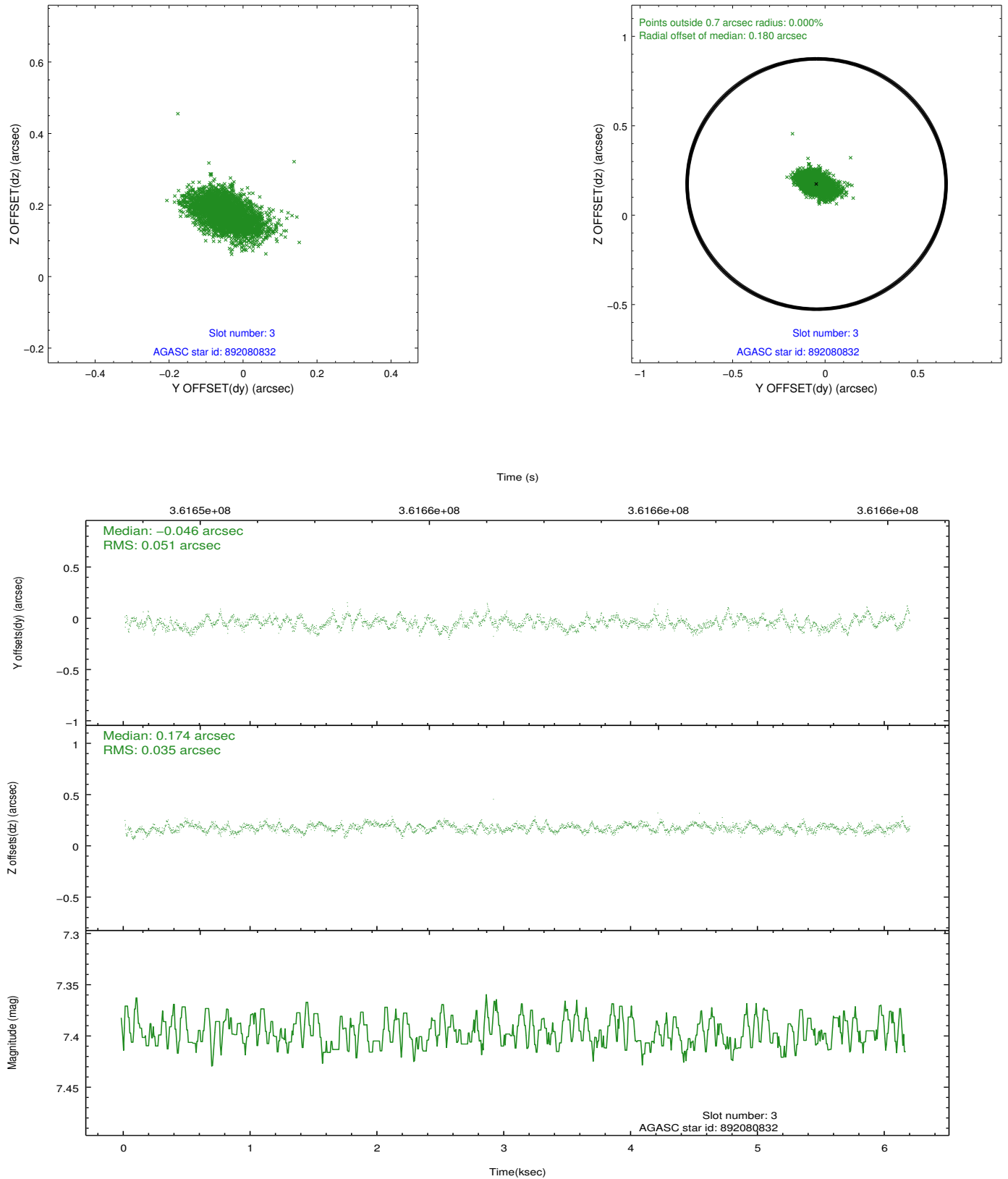


Slot Statistics

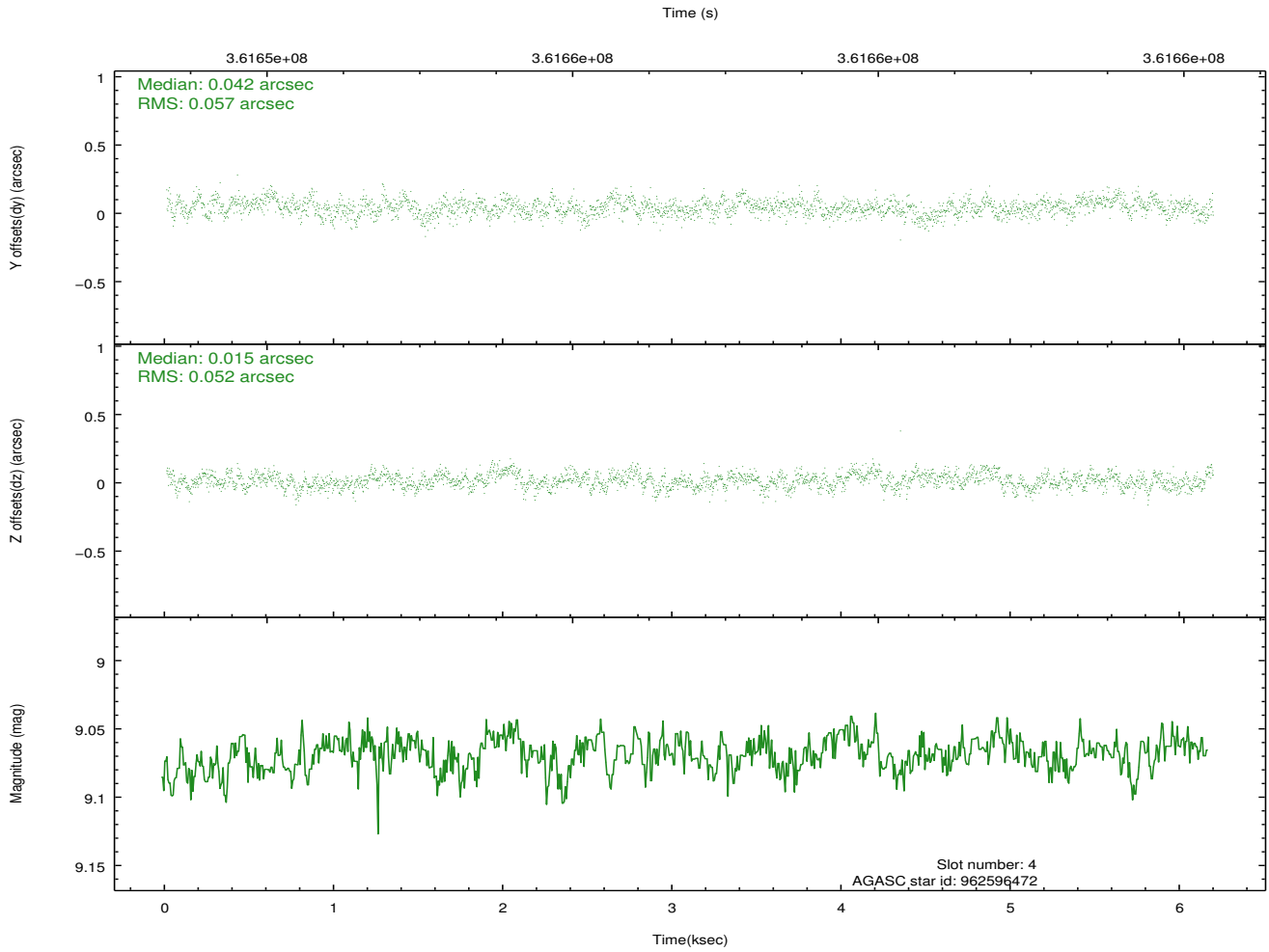
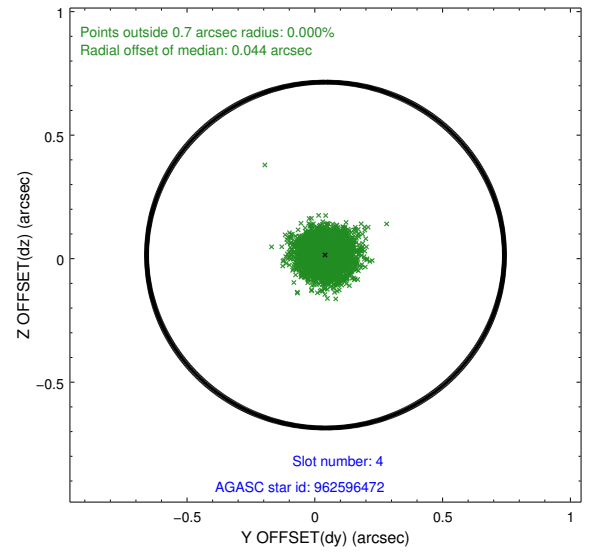
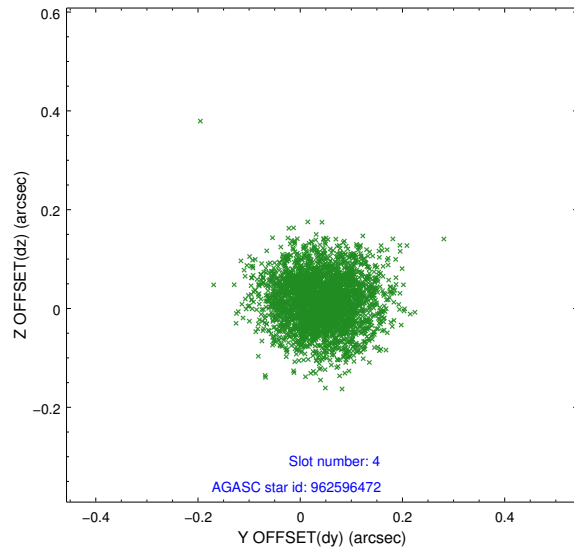
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	6.98	1508	0.150	-0.002	0.008	0.013	0.000000	0.000000	2146.13	170.95
1	FID	ACIS-S-5	7.01	1510	-0.196	-0.007	0.008	0.013	0.000000	0.000000	-1819.19	164.52
2	FID	ACIS-S-6	7.11	1509	0.017	0.024	0.012	0.021	0.000000	0.000000	393.22	808.29
3	GUIDE	892080832	7.40	3019	-0.046	0.174	0.065	0.111	246.873669	-29.288263	-1610.70	1642.96
4	GUIDE	962596472	9.07	3015	0.042	0.015	0.082	0.129	246.475112	-30.444081	2063.60	-671.76
5	GUIDE	962597264	8.62	3018	0.293	-0.170	0.080	0.126	246.029124	-30.161566	717.13	-1739.92
6	GUIDE	892083376	7.91	3017	-0.184	0.041	0.098	0.154	246.413081	-29.400448	-1608.81	141.54
7	GUIDE	962602824	9.06	3012	-0.108	-0.056	0.099	0.162	246.258459	-30.248136	1204.42	-1133.66

2.4 Star Slots

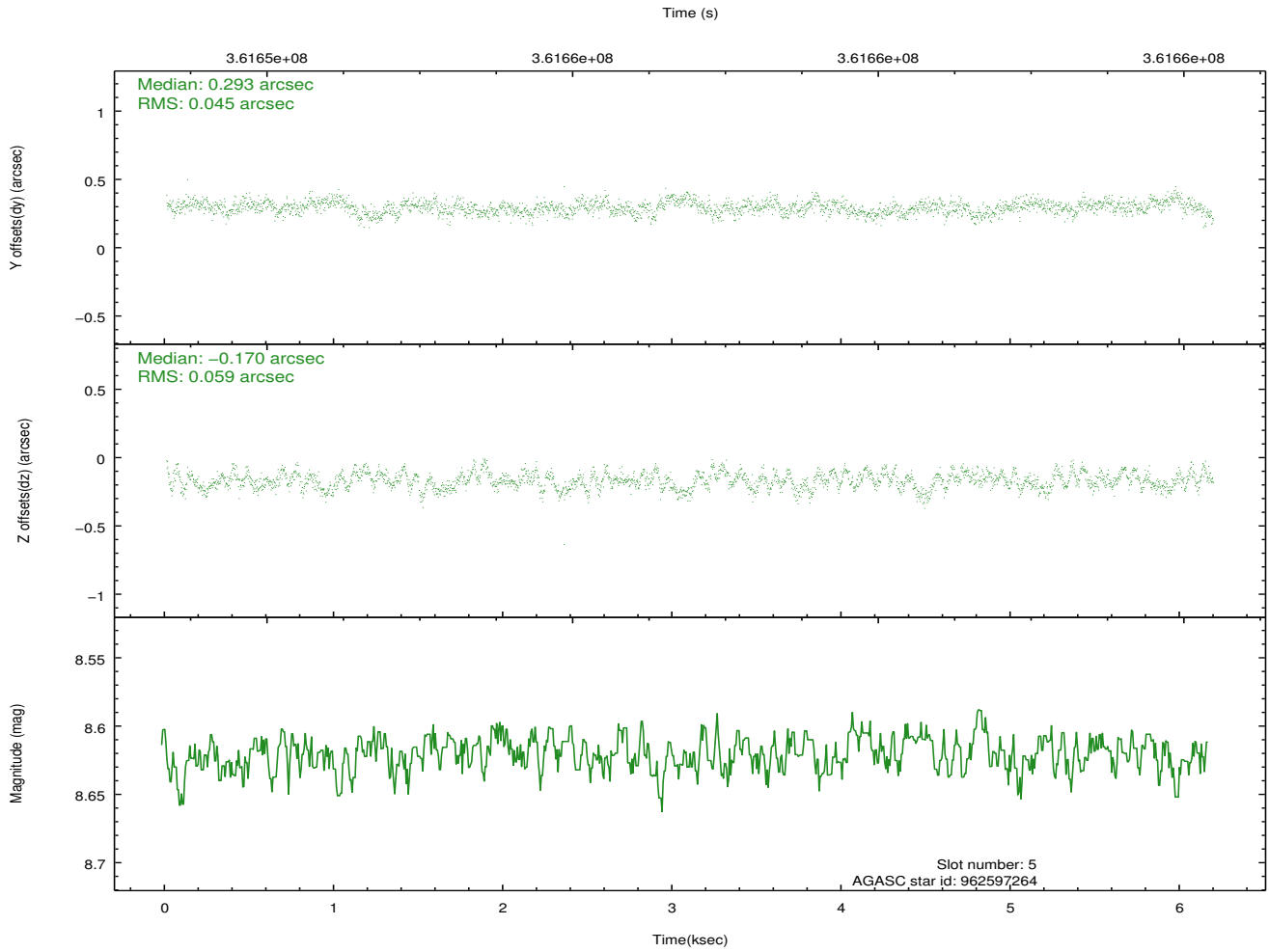
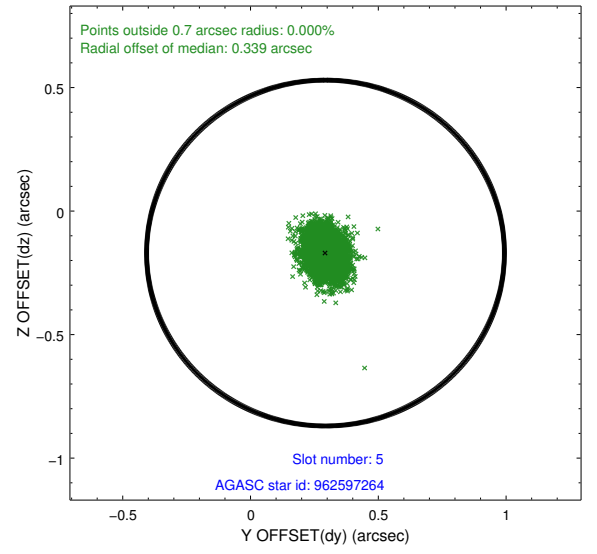
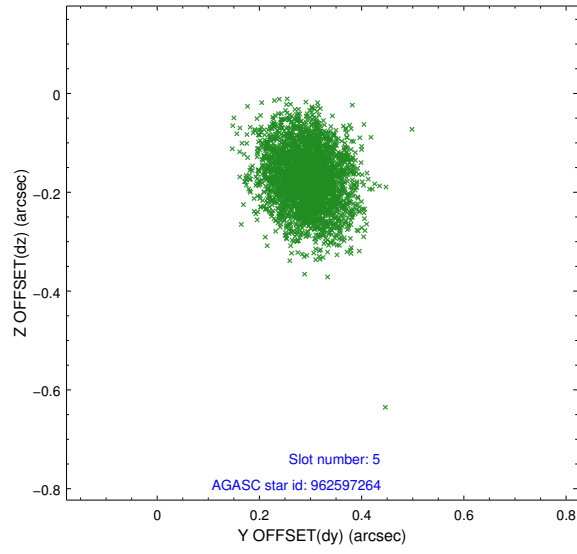
2.4.1 Slot 3



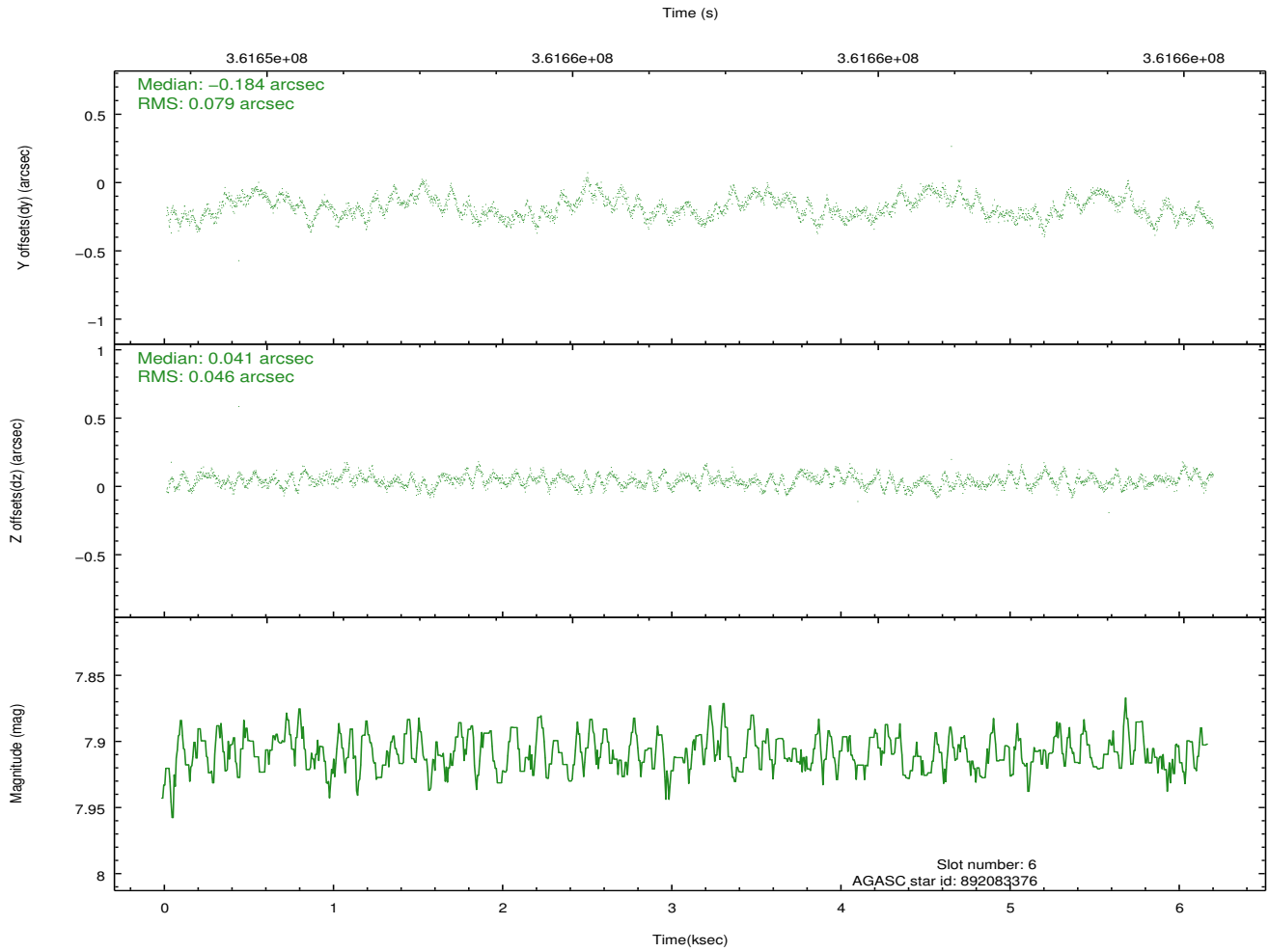
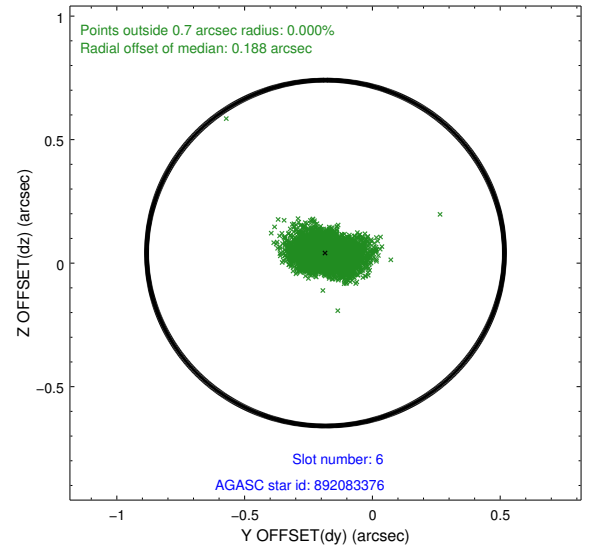
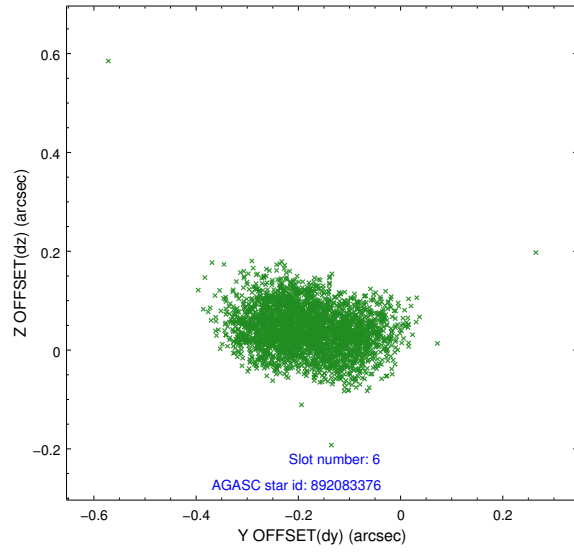
2.4.2 Slot 4



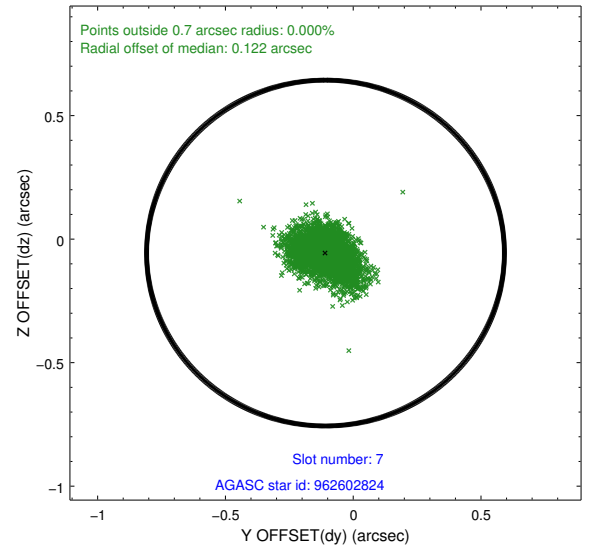
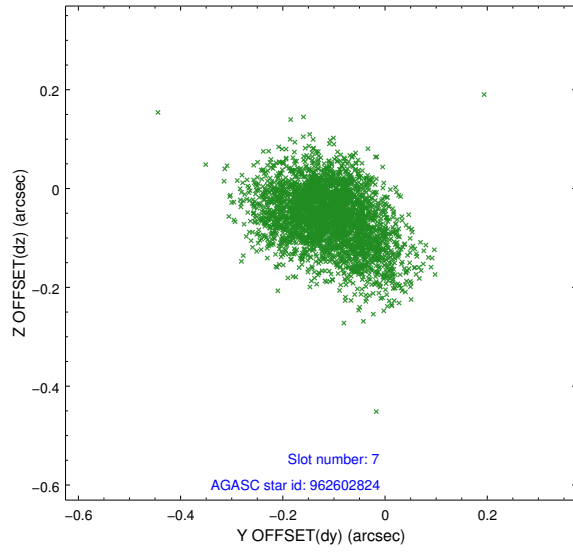
2.4.3 Slot 5



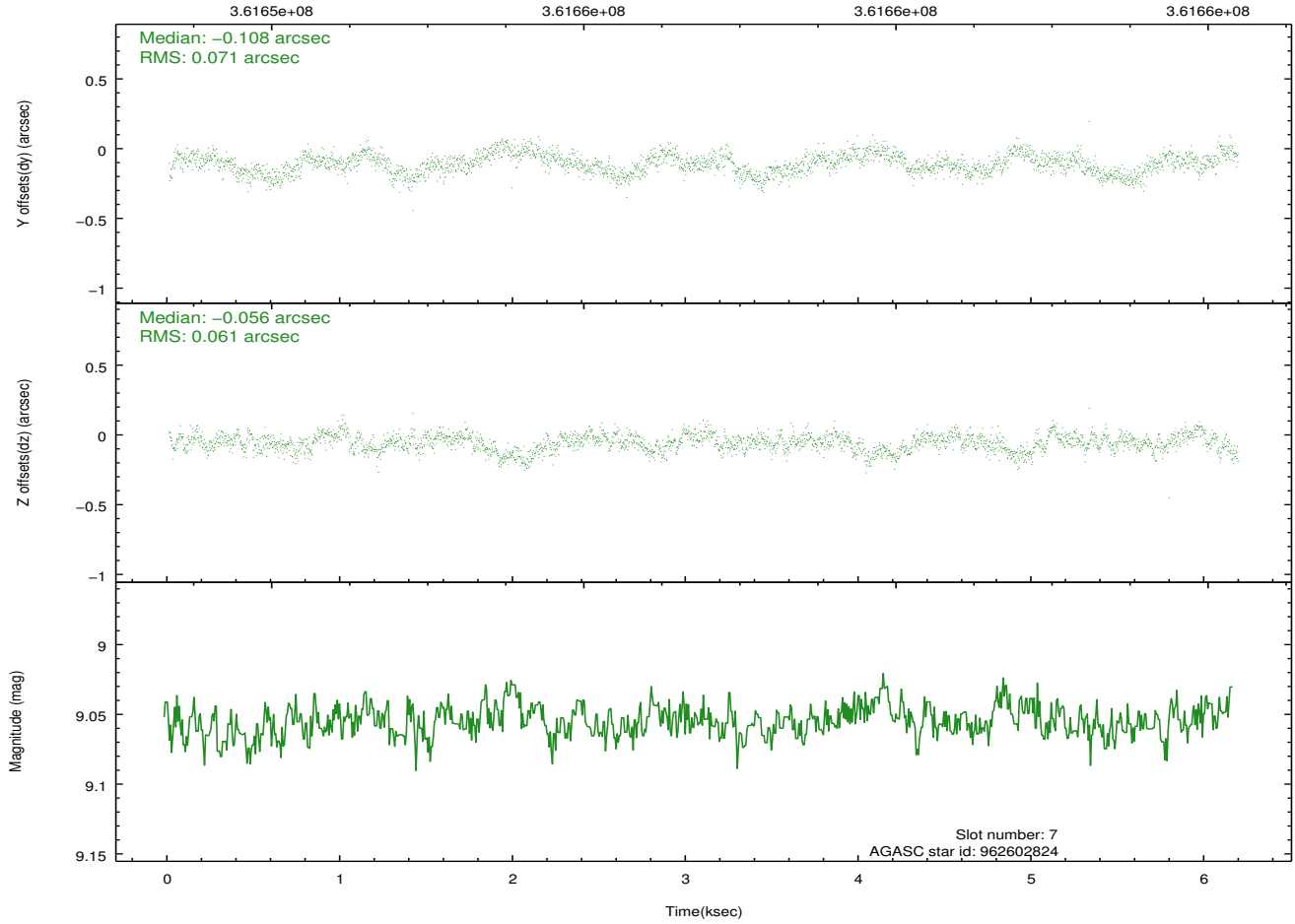
2.4.4 Slot 6



2.4.5 Slot 7

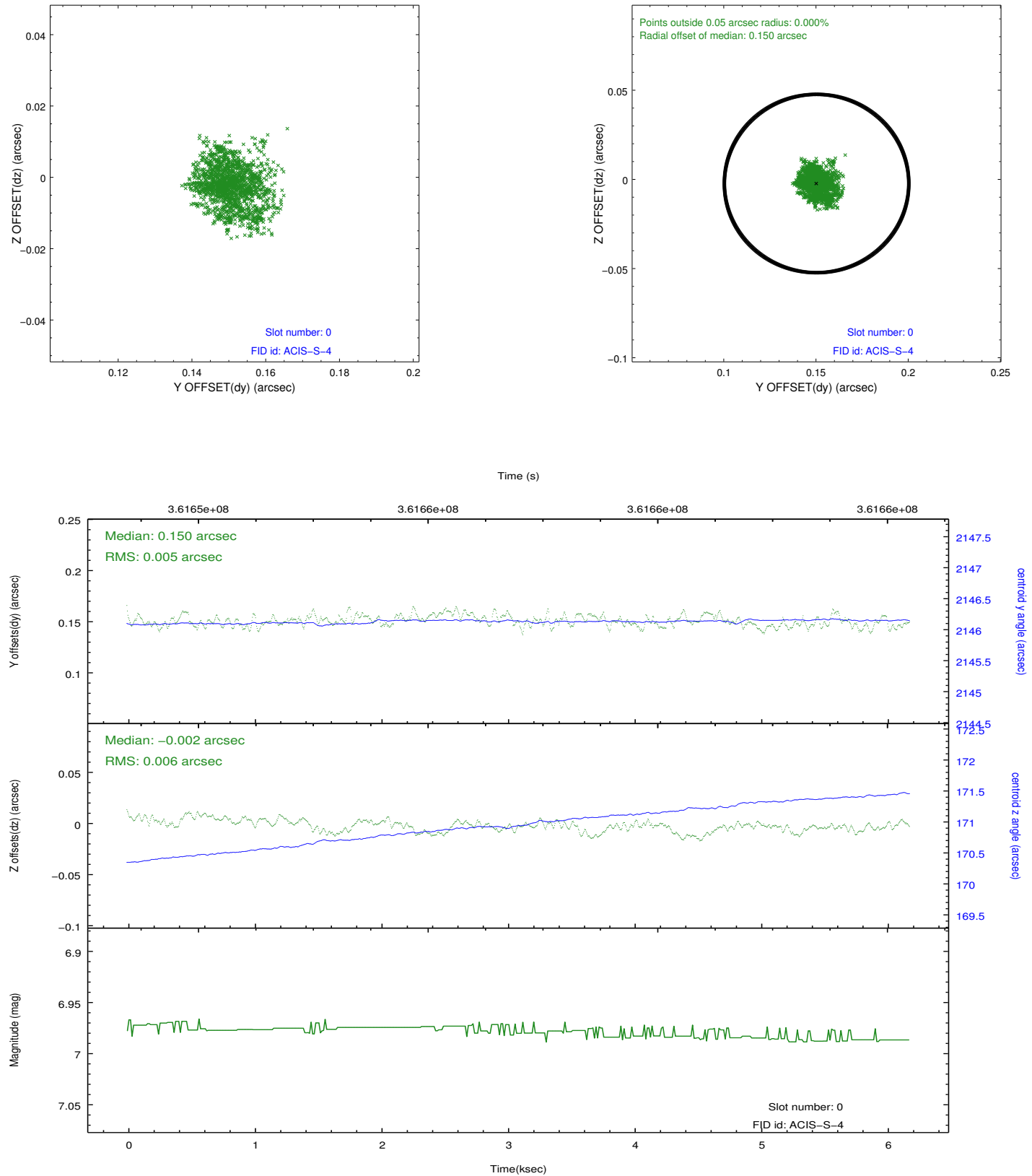


Time (s)

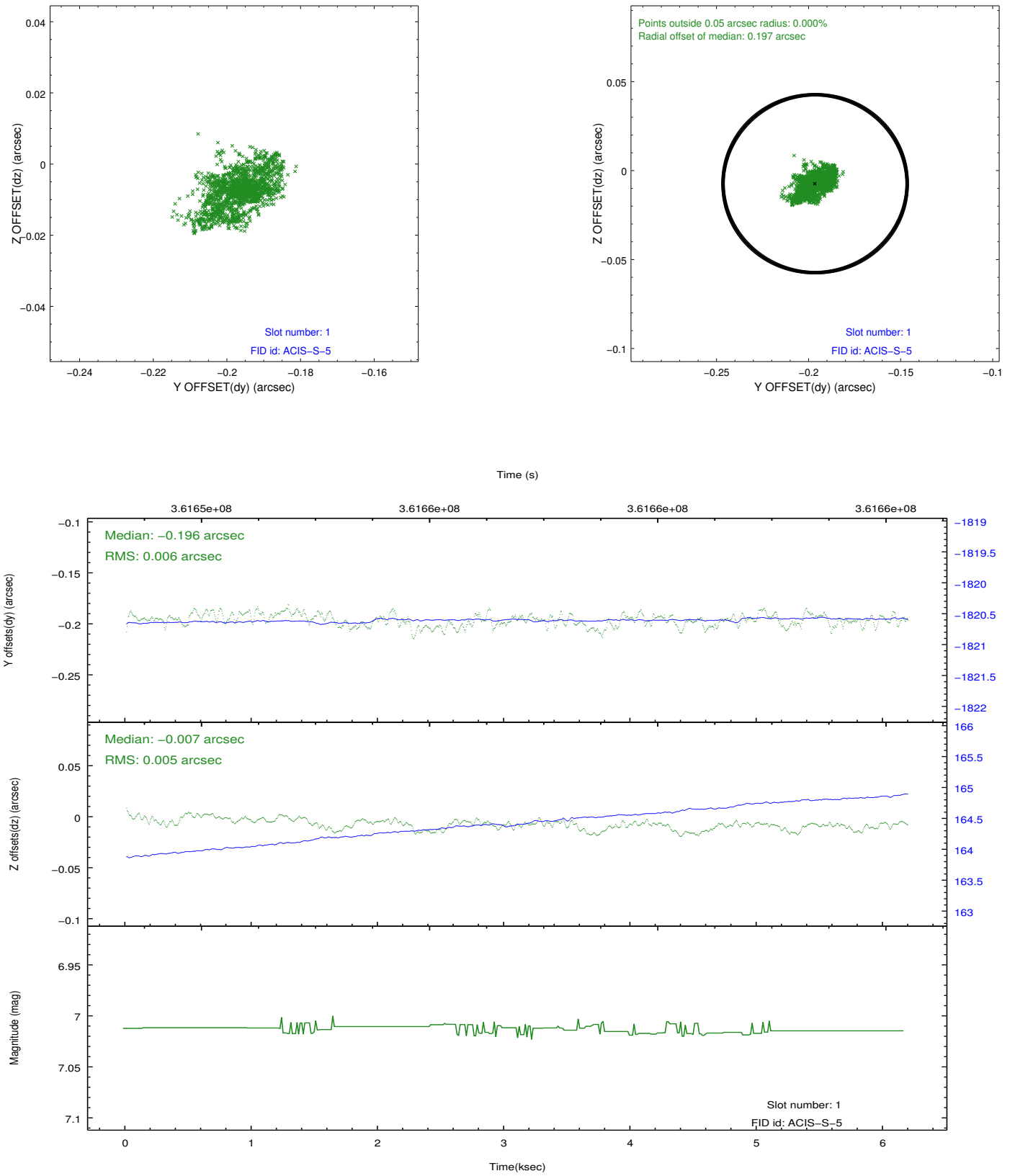


2.5 FID Slots

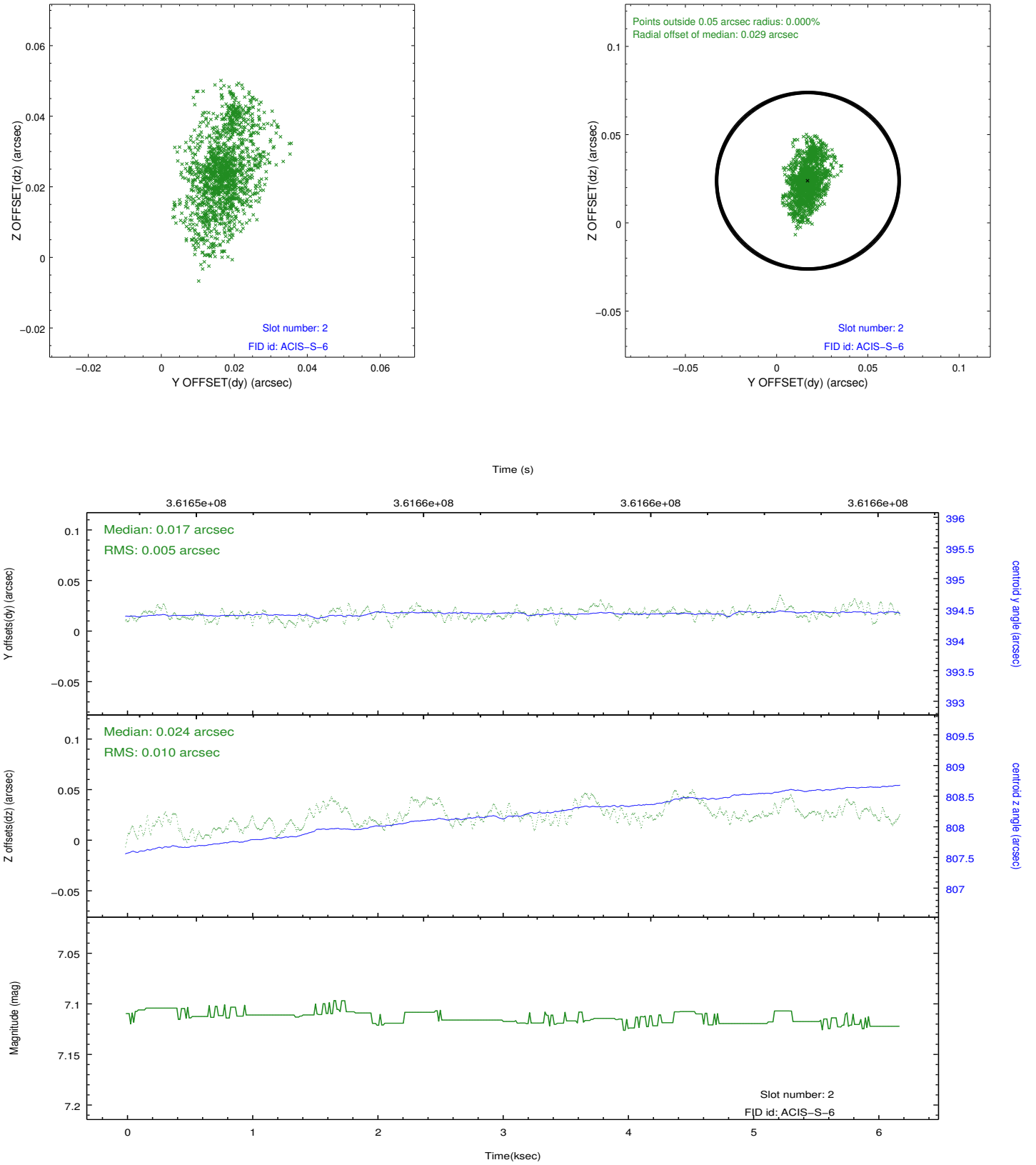
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.18599963

A.2 Comments

Joint proposal with HST.