

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10371 - L2 Version 2
Chandra X-Ray Center

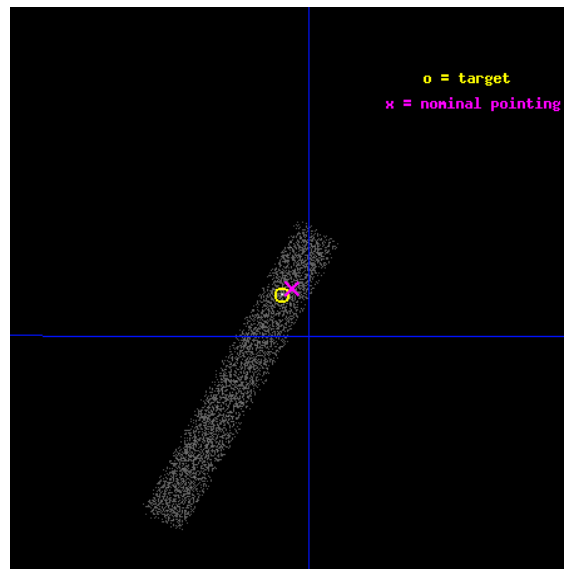
L2 Processing Date : May 29 2012

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1 Front

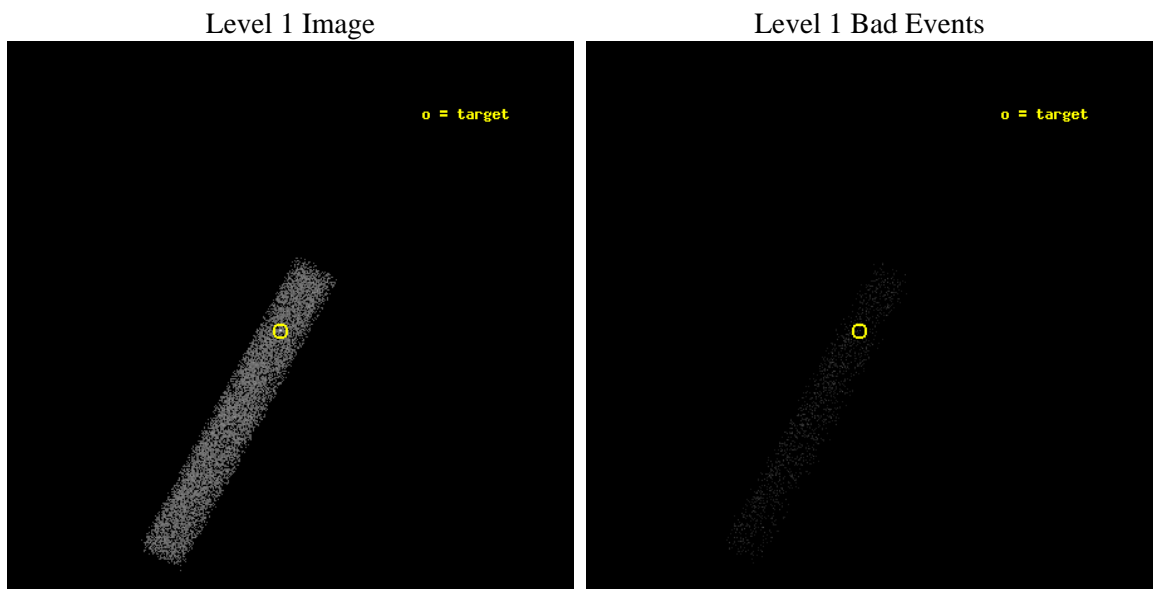
seq_num	701914	Sequence number
obs_id	10371	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	0859+470	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	135.766667	Observer's specified target RA [deg]
dec_targ	46.851139	Observer's specified target Dec [deg]
ra_nom	135.76052555871	Nominal RA [deg]
dec_nom	46.853573623645	Nominal Dec [deg]
roll_nom	118.67163084622	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6179.9996316433	Sum of GTIs [s]
livetime	5604.9334587732	Livetime [s]
ontime7	6179.9996316433	Sum of GTIs [s]
l2events	5528	Number of level 2 events



2 OBI

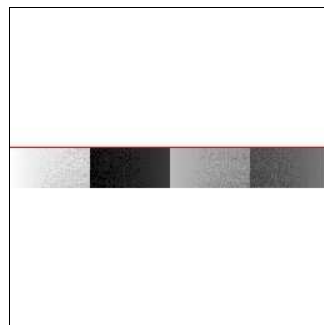
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6179.9996316433	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	6179.9996316433	Sum of GTIs [s]
date	2012-05-29T16:12:39	Date and time of file creation	l1events	13613	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

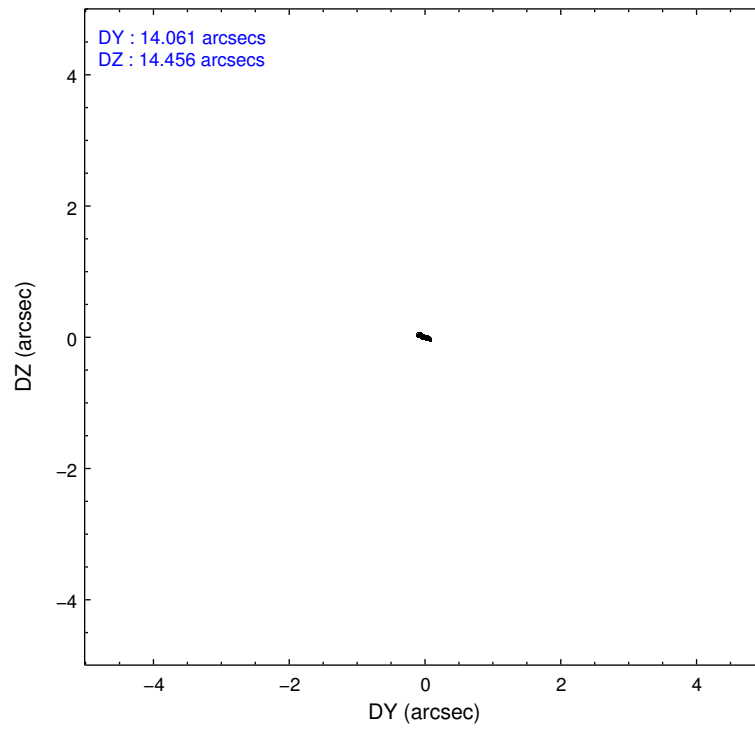
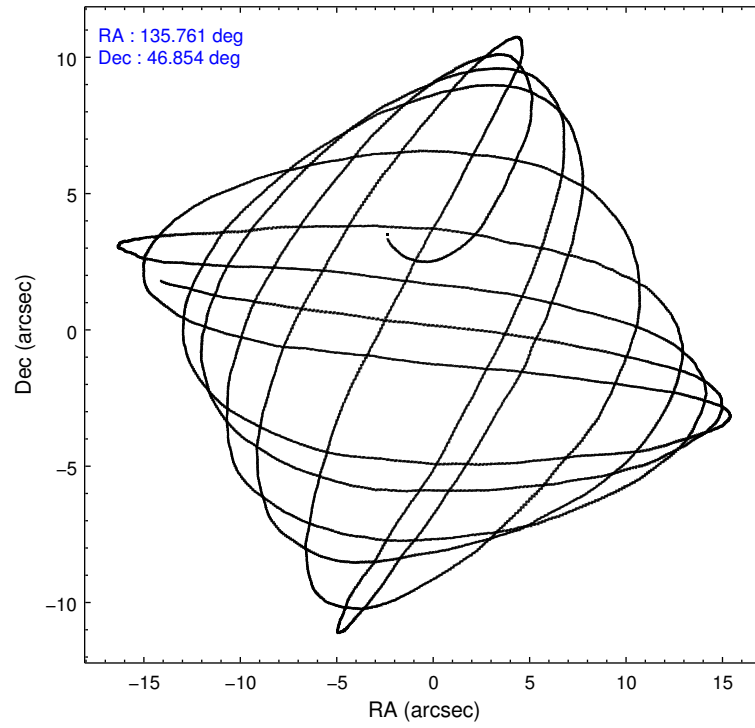
	ccd 7
level 1 events	13613
rejected events	7886
rejected %	57%

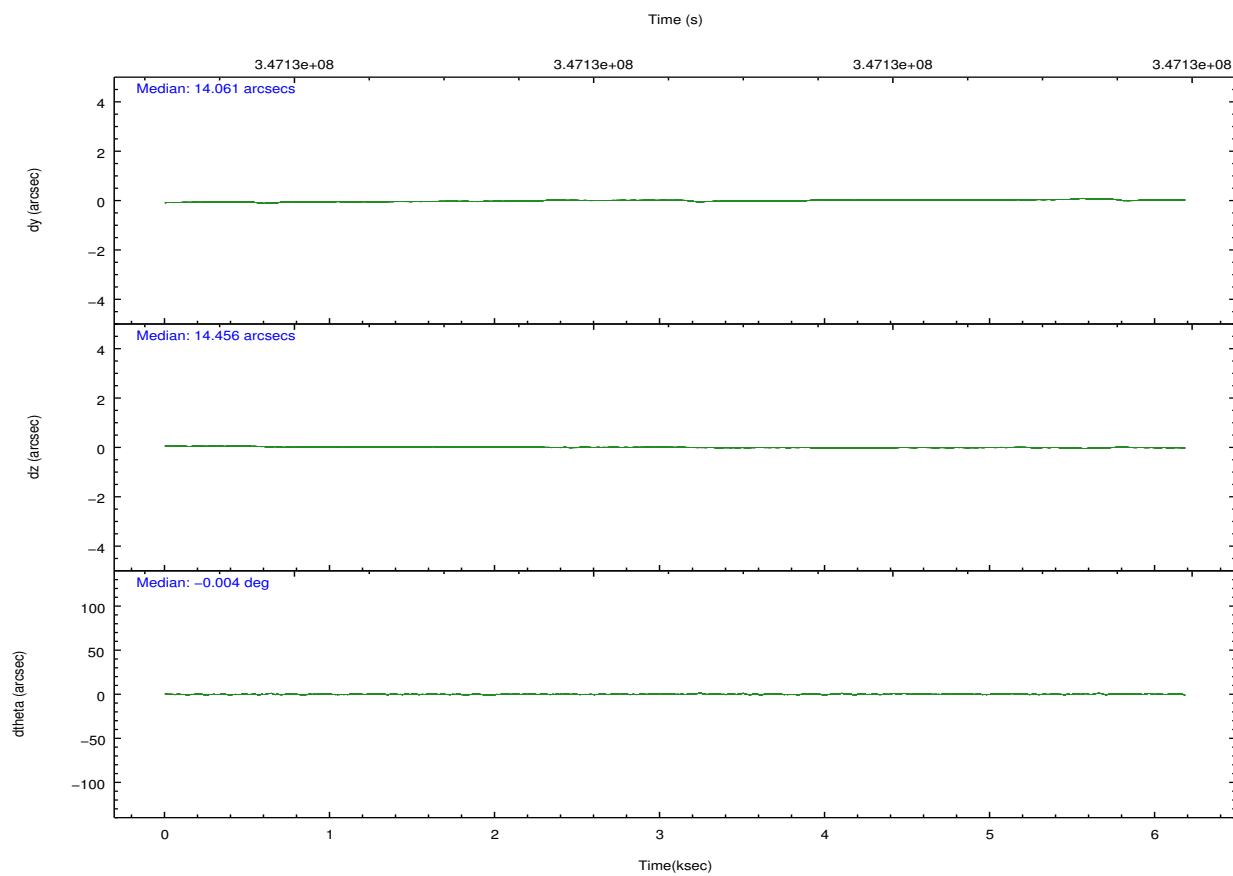
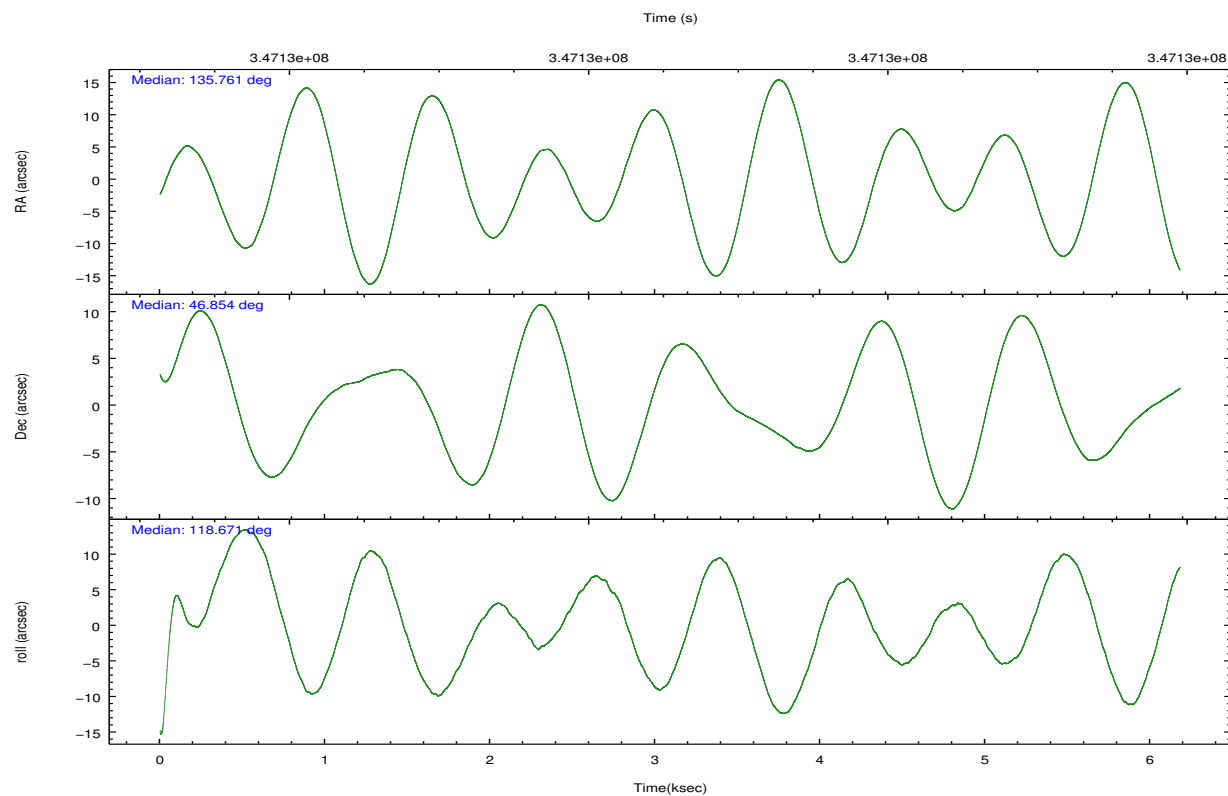
	ccd 7
grade 0 events	745
	5%
grade 1 events	19
	0%
grade 2 events	1215
	8%
grade 3 events	777
	5%
grade 4 events	820
	6%
grade 5 events	1281
	9%
grade 6 events	2925
	21%
grade 7 events	5831
	42%

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	135.794928	135.7605255587111	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	46.839638	46.85357362364492	Subarray start row	449	449
[deg] Pointing Roll	118.489953	118.6716308462186	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)	347127640.184000	347126576.30877			
Observation start date	2008-12-31T16:19:35	2008-12-31T16:02:56			
[s] Observation end time (MET)	347133640.184000	347134070.59664			
Observation end date	2008-12-31T17:59:35	2008-12-31T18:07:50			
Read mode	TIMED	TIMED			

2.3 Aspect



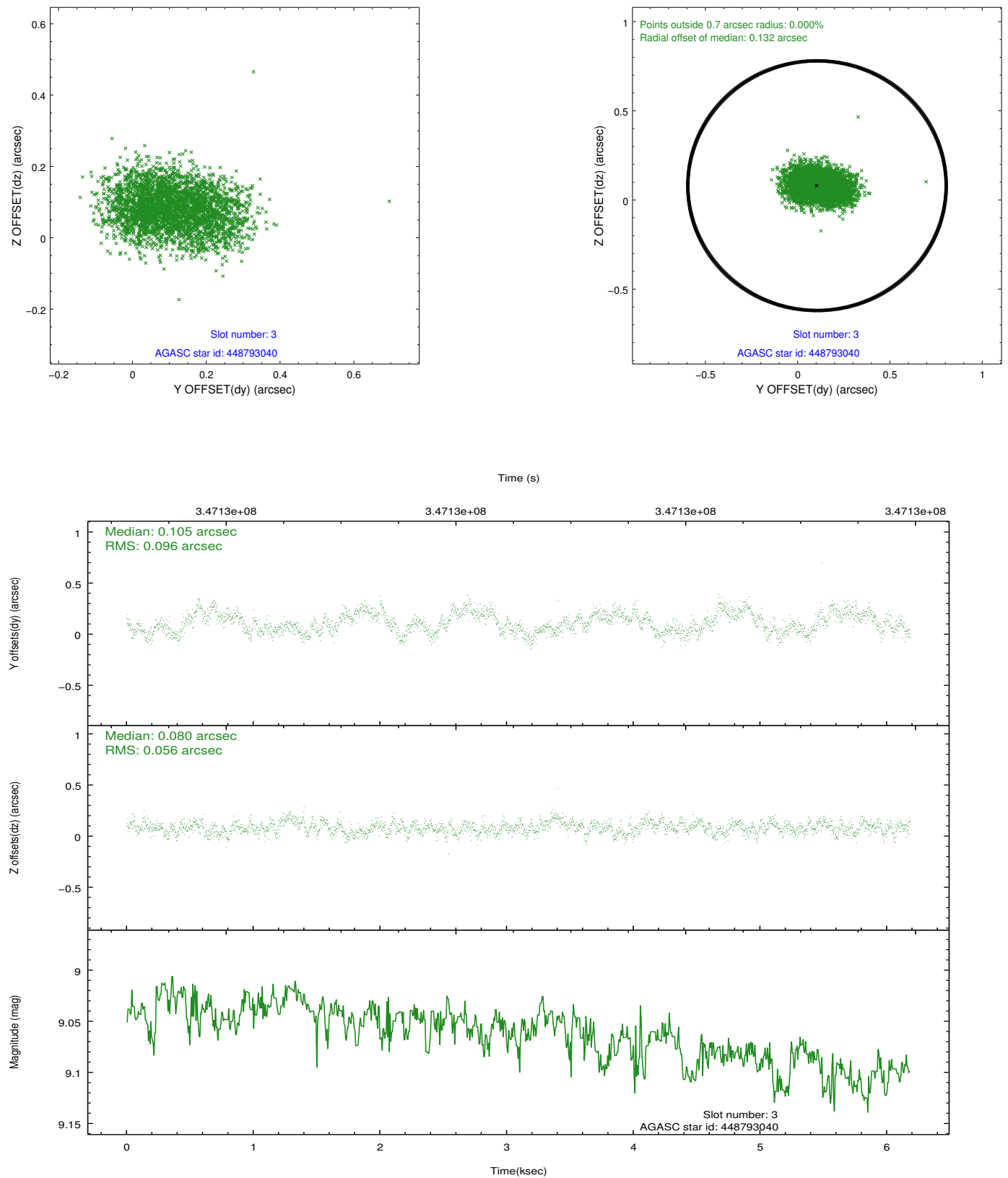


Slot Statistics

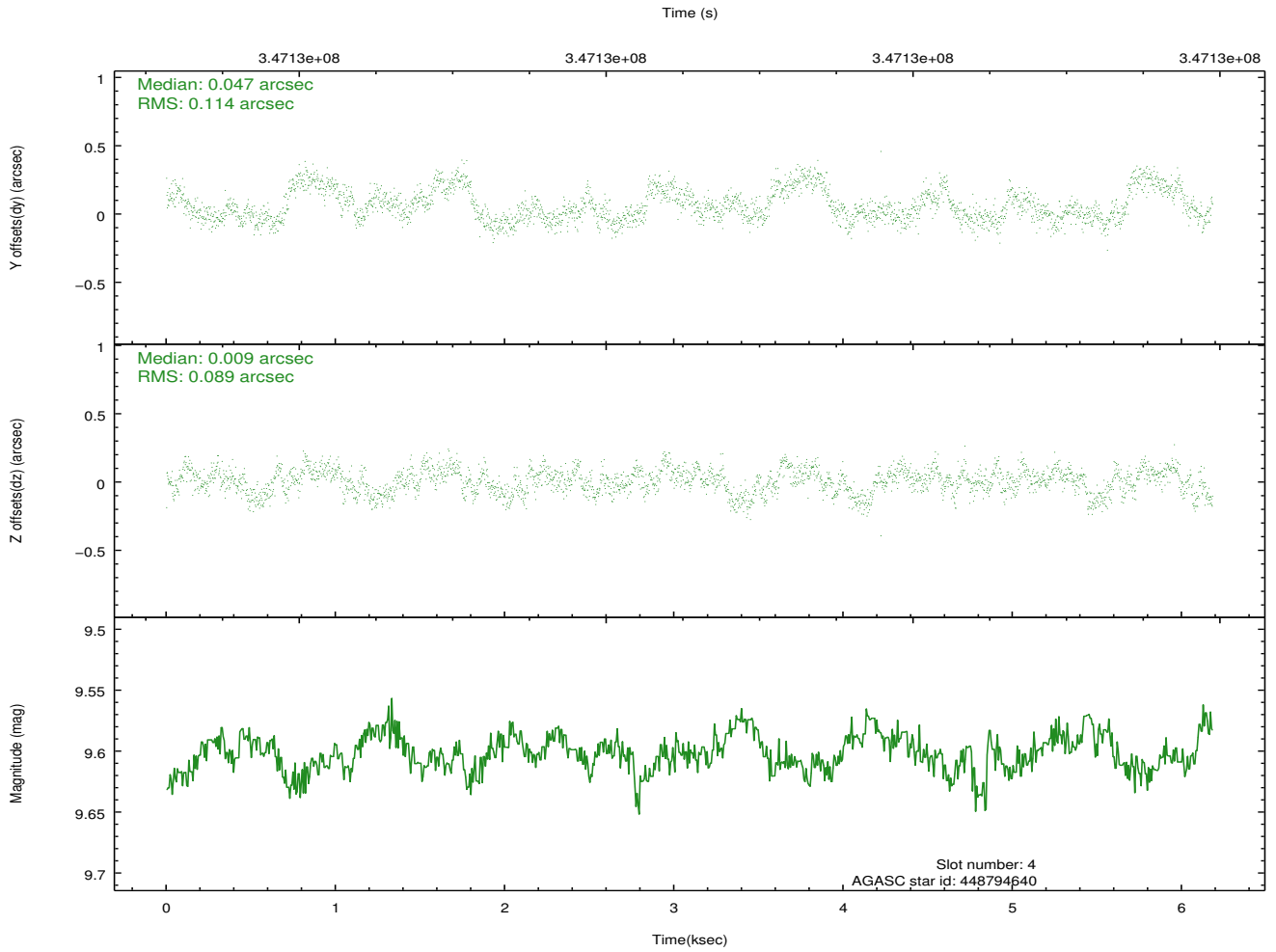
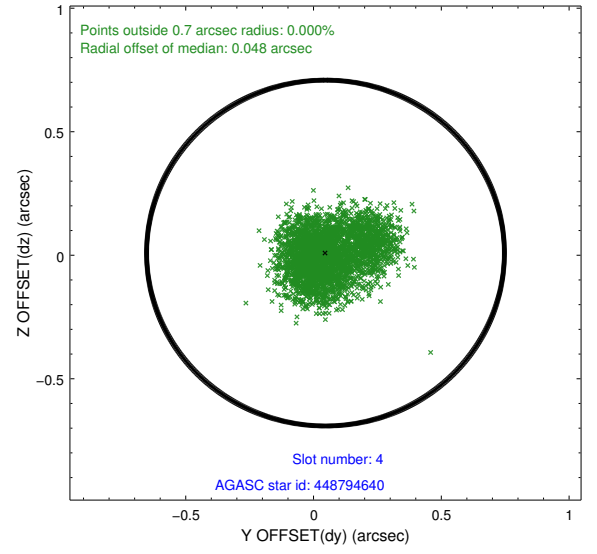
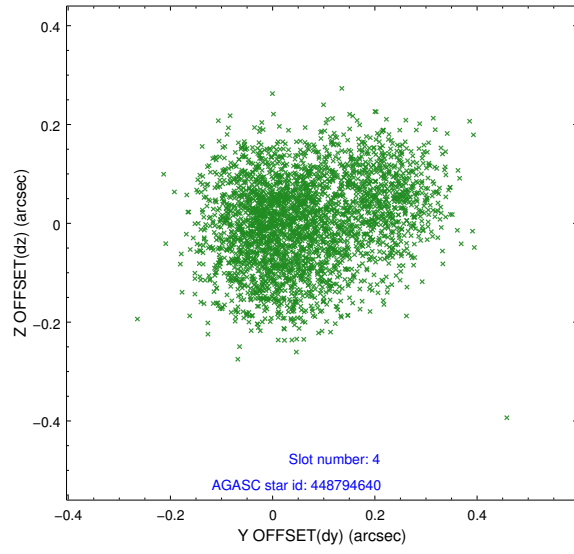
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	1508	-0.060	-0.031	0.007	0.011	0.000000	0.000000	-767.04	-1735.81
1	FID	ACIS-S-4	7.01	1508	0.183	0.037	0.005	0.011	0.000000	0.000000	2146.03	171.77
2	FID	ACIS-S-5	7.03	1508	-0.154	0.002	0.006	0.011	0.000000	0.000000	-1818.77	166.47
3	GUIDE	448793040	9.06	3013	0.105	0.080	0.119	0.189	135.501679	47.363011	1998.66	-270.24
4	GUIDE	448794640	9.60	3011	0.047	0.009	0.158	0.244	136.464482	46.477741	-1929.60	-840.55
5	GUIDE	448802792	9.07	3015	-0.045	-0.010	0.093	0.146	136.778061	46.672609	-1673.96	-1854.07
6	GUIDE	448792176	8.54	3013	0.064	-0.032	0.081	0.127	136.710669	47.114209	-192.35	-2448.20
7	GUIDE	449187440	9.36	3013	-0.187	-0.039	0.120	0.208	135.782405	47.587028	2379.36	-1257.24

2.4 Star Slots

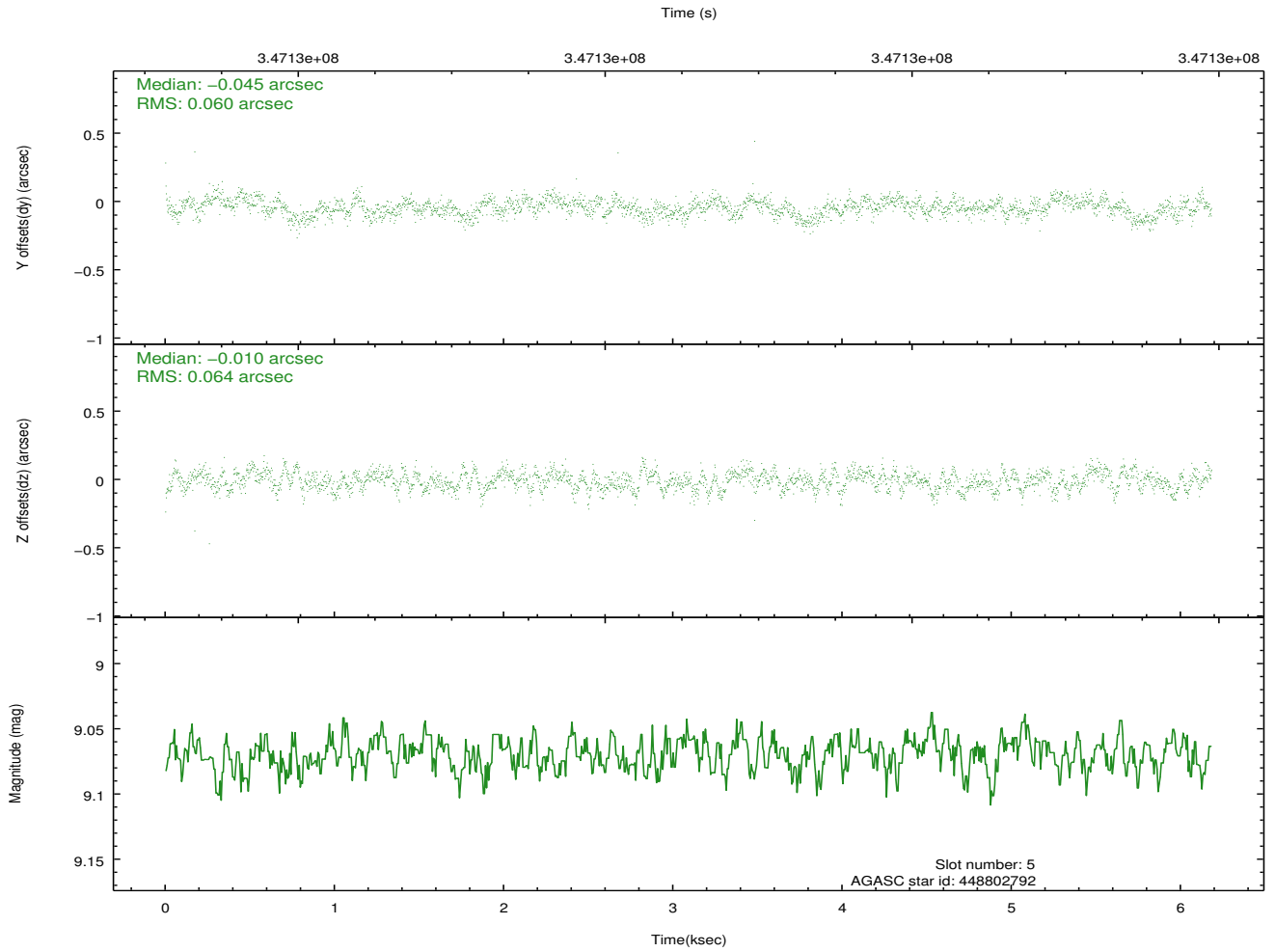
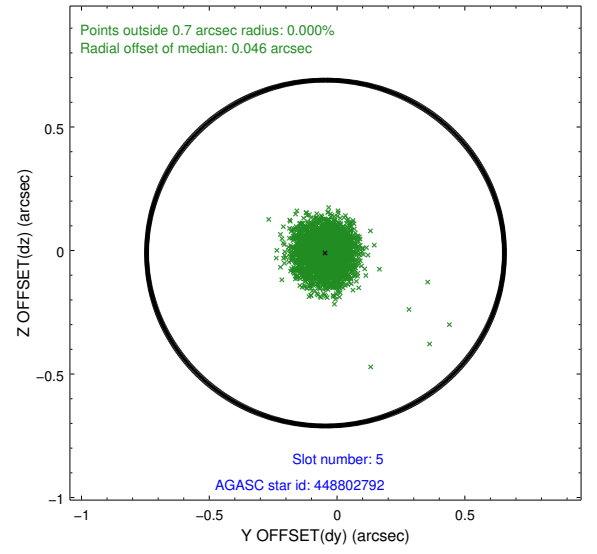
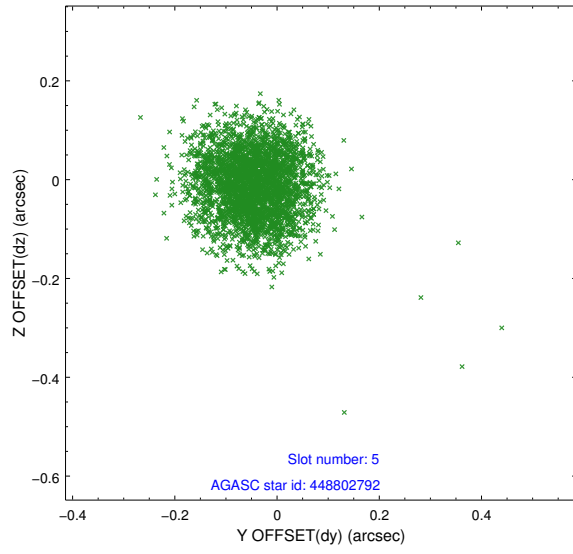
2.4.1 Slot 3



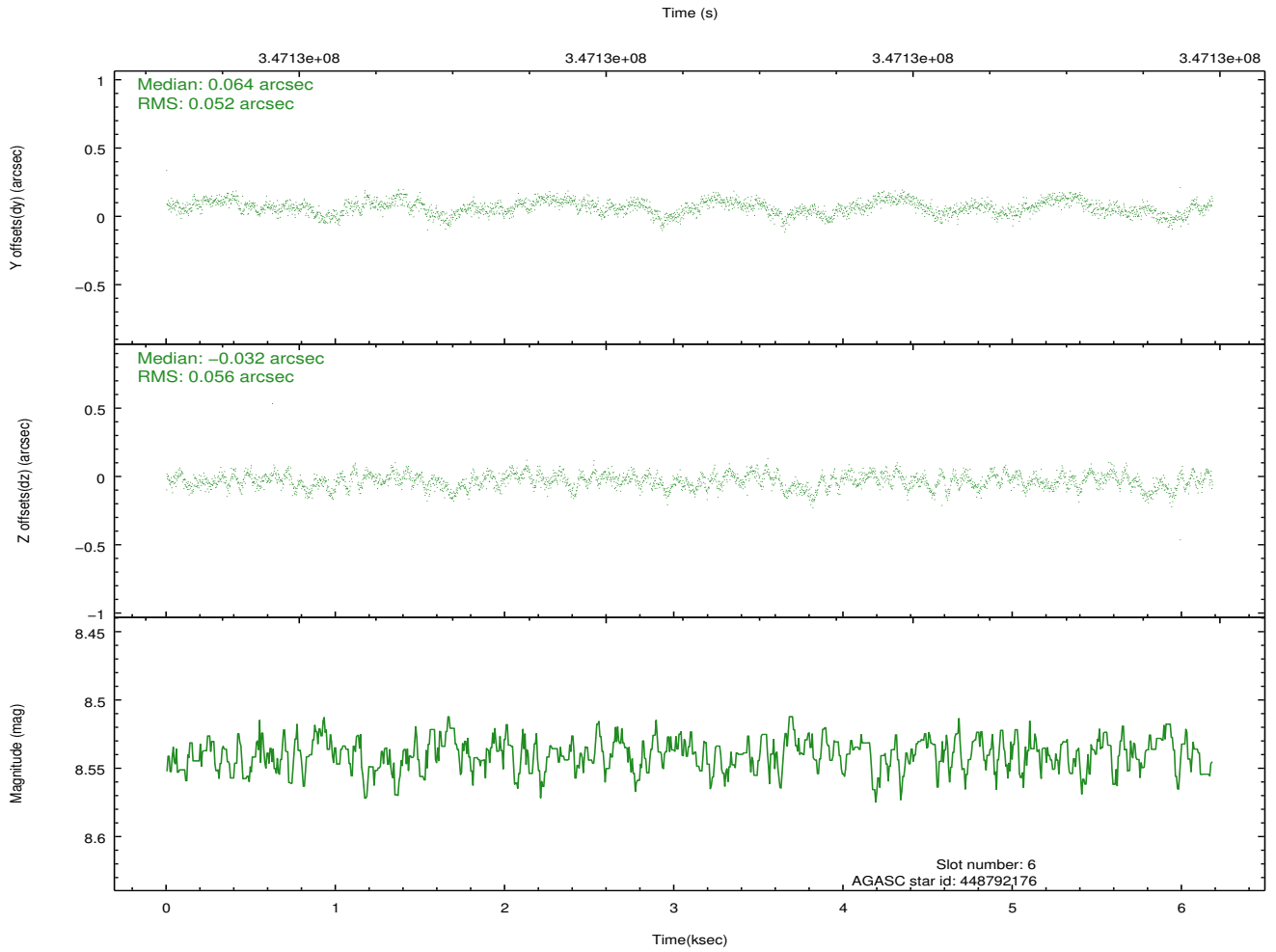
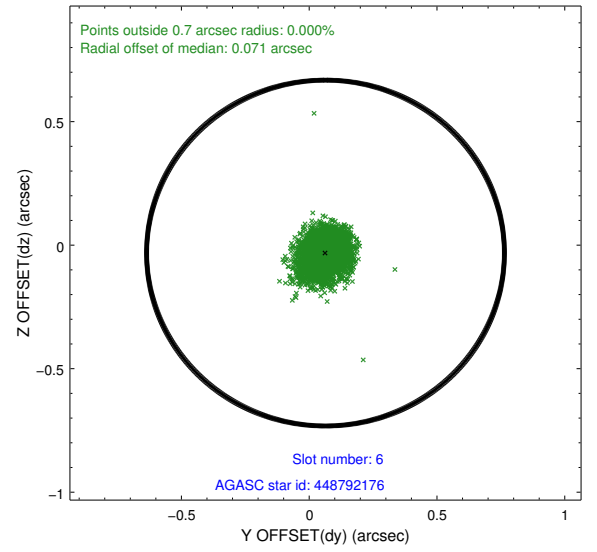
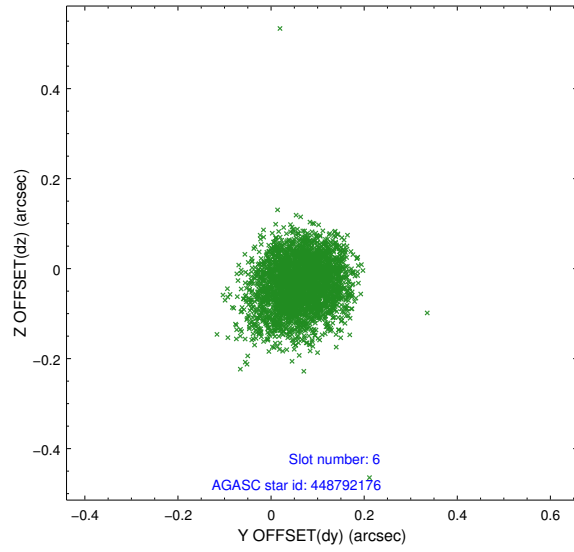
2.4.2 Slot 4



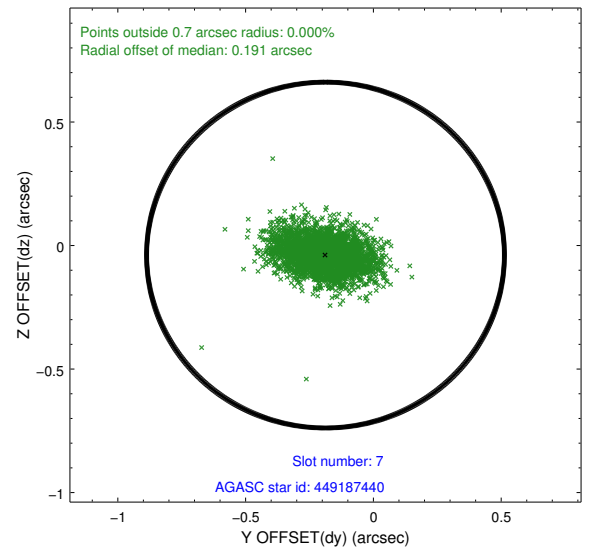
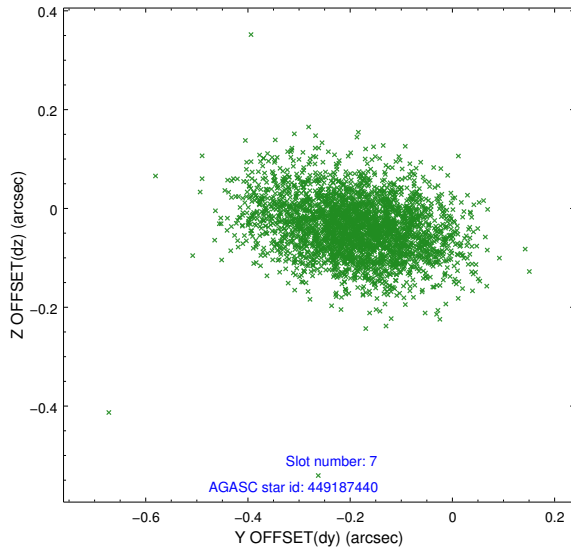
2.4.3 Slot 5



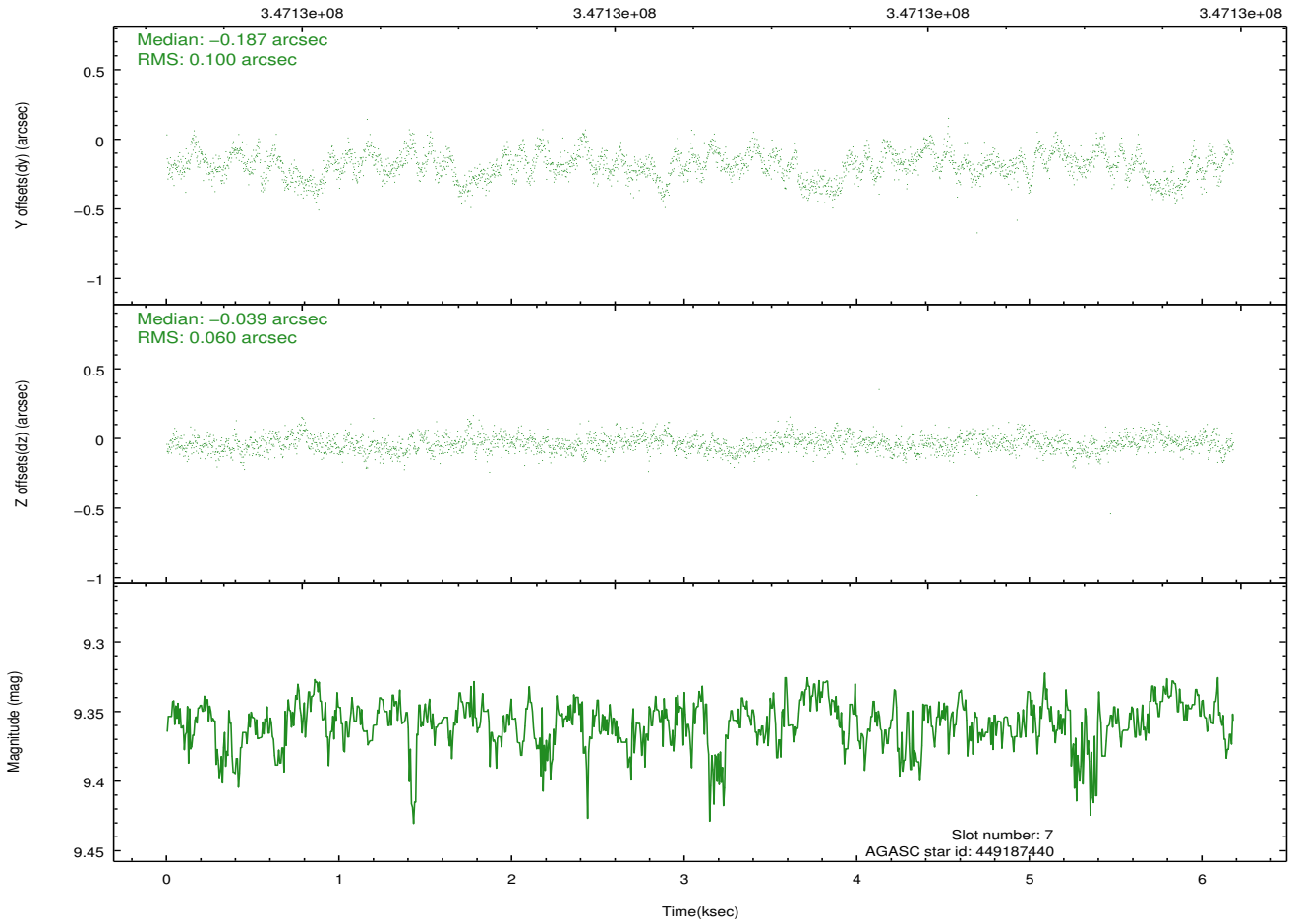
2.4.4 Slot 6



2.4.5 Slot 7

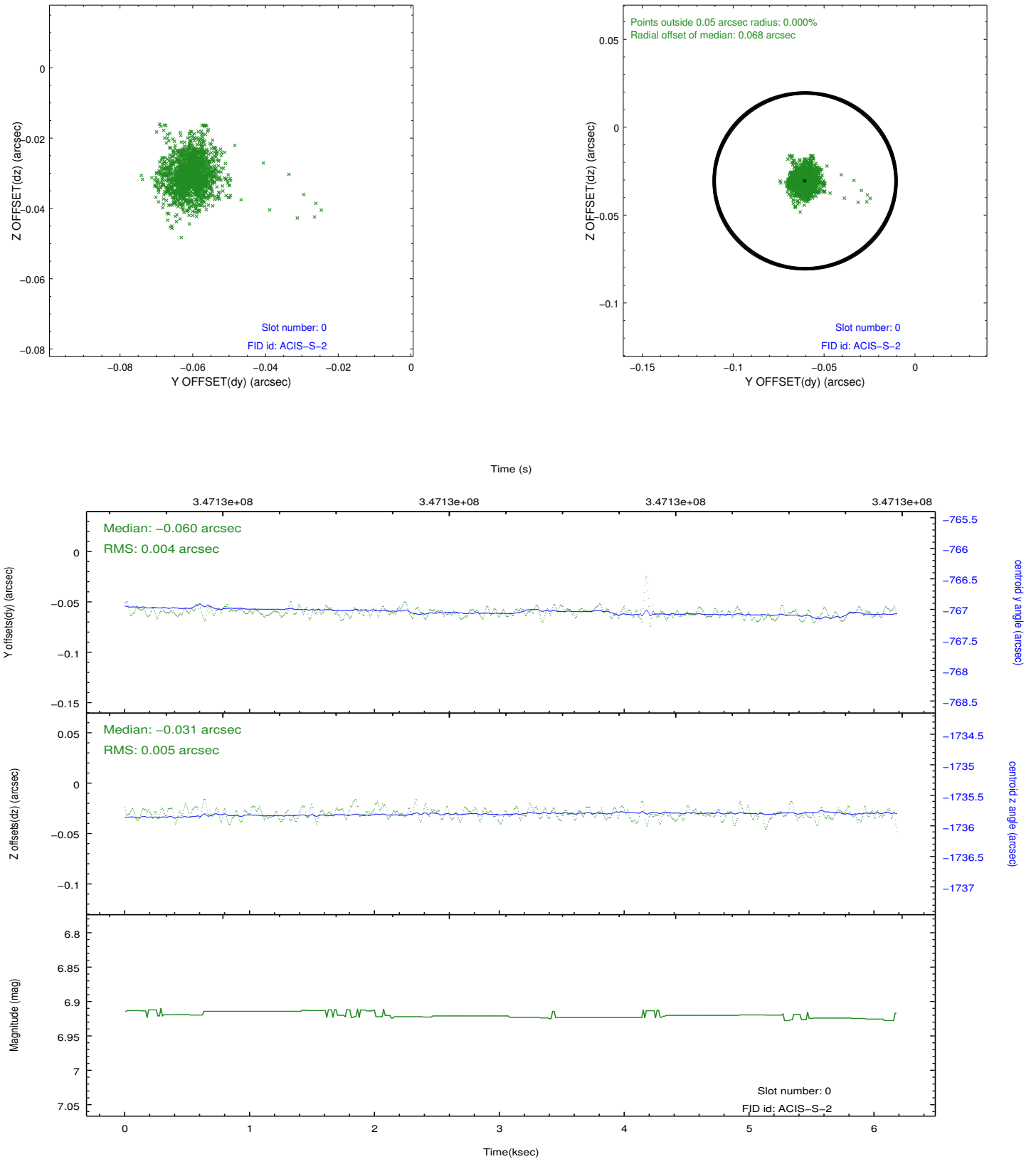


Time (s)

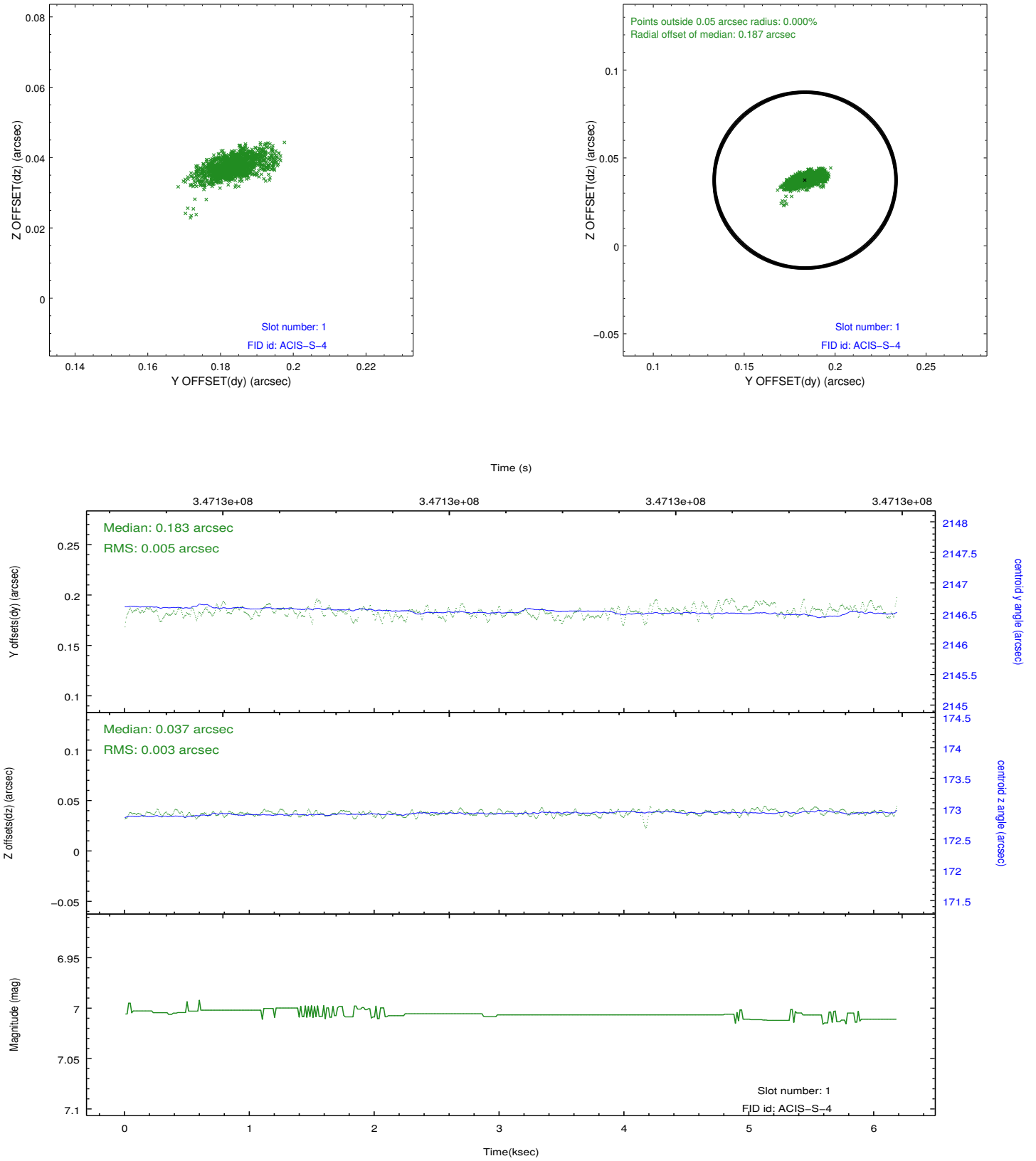


2.5 FID Slots

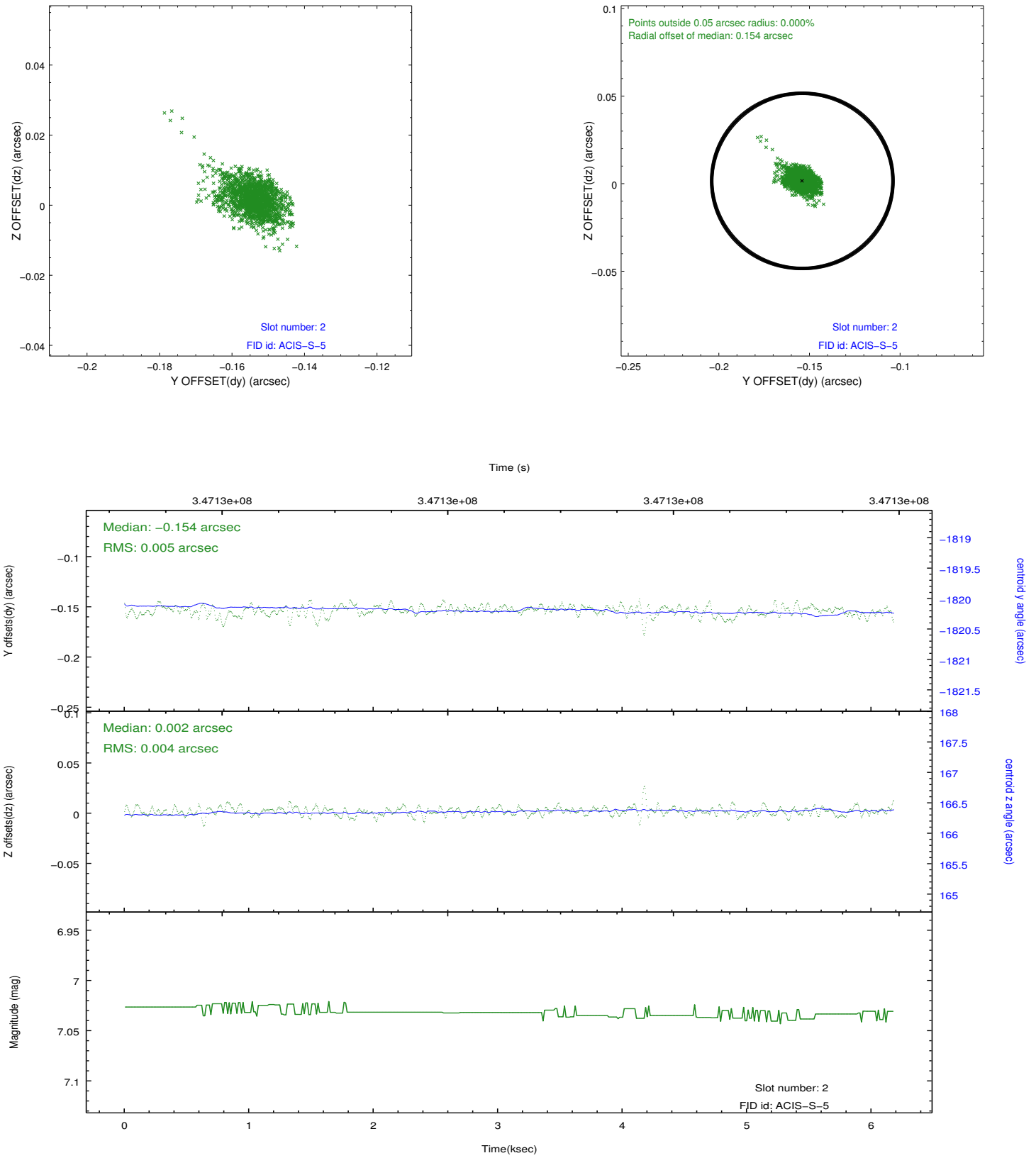
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.17999963

A.2 Comments

Joint Proposal: HST. Roll preference met.