

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8569 - L2 Version 2
Chandra X-Ray Center

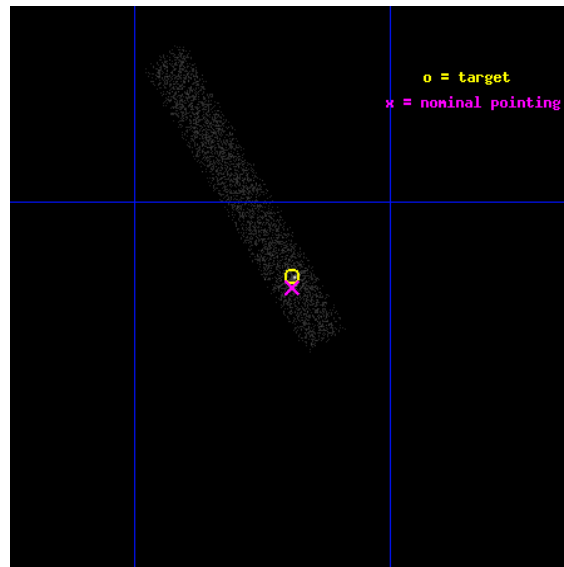
L2 Processing Date : May 17 2012

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1 Front

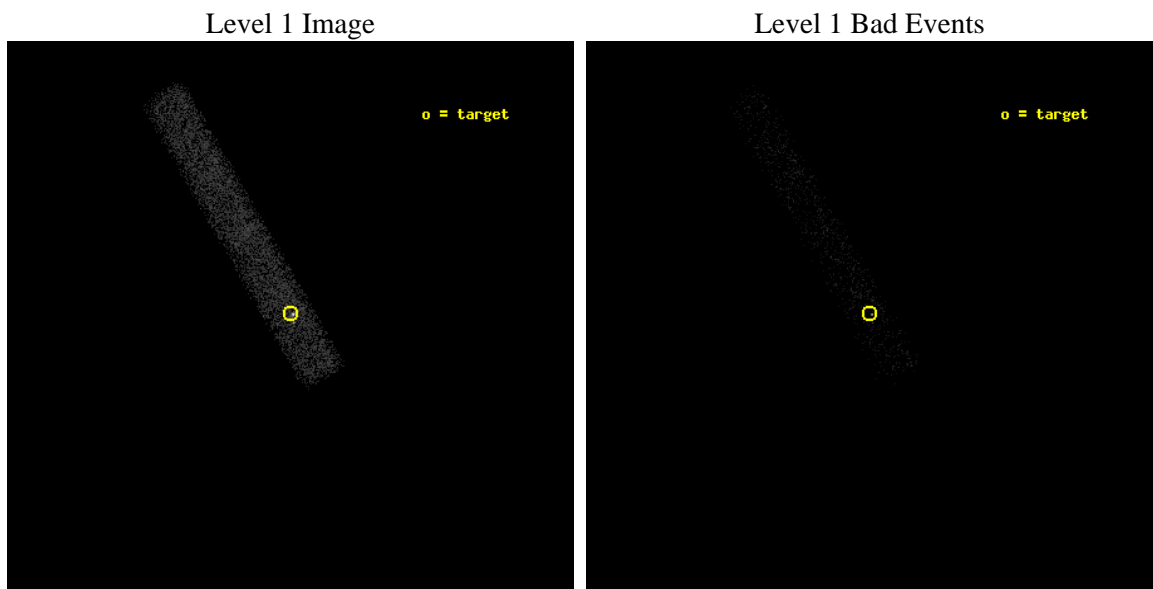
seq_num	200463	Sequence number
obs_id	8569	Observation id
title	Evaluating the Role of Photoevaporation in Protoplanetary Disk Dispersal	Proposal title
observer	Dr. Gregory Herczeg	Principal investigator
object	TWA-8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	173.172917	Observer's specified target RA [deg]
dec_targ	-26.865278	Observer's specified target Dec [deg]
ra_nom	173.17309472679	Nominal RA [deg]
dec_nom	-26.870141062758	Nominal Dec [deg]
roll_nom	239.94283714779	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5027.5997003317	Sum of GTIs [s]
livetime	4559.7675497295	Livetime [s]
ontime7	5027.5997003317	Sum of GTIs [s]
l2events	7767	Number of level 2 events



2 OBI

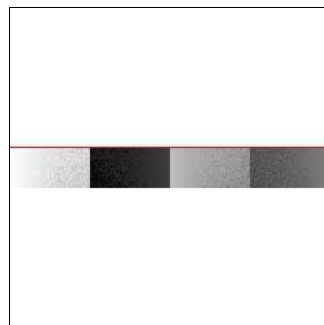
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5027.5997003317	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5027.5997003317	Sum of GTIs [s]
date	2012-05-17T15:37:19	Date and time of file creation	l1events	14777	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

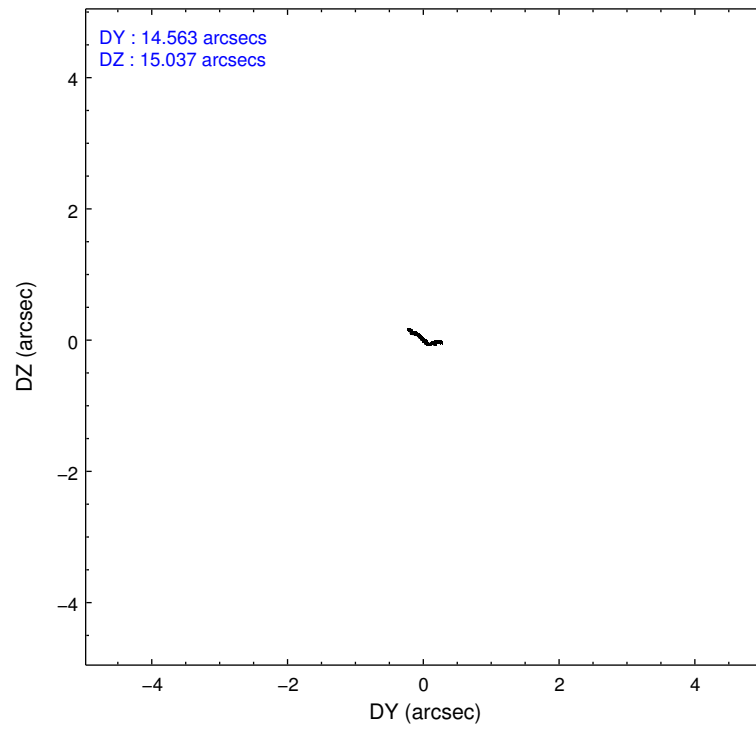
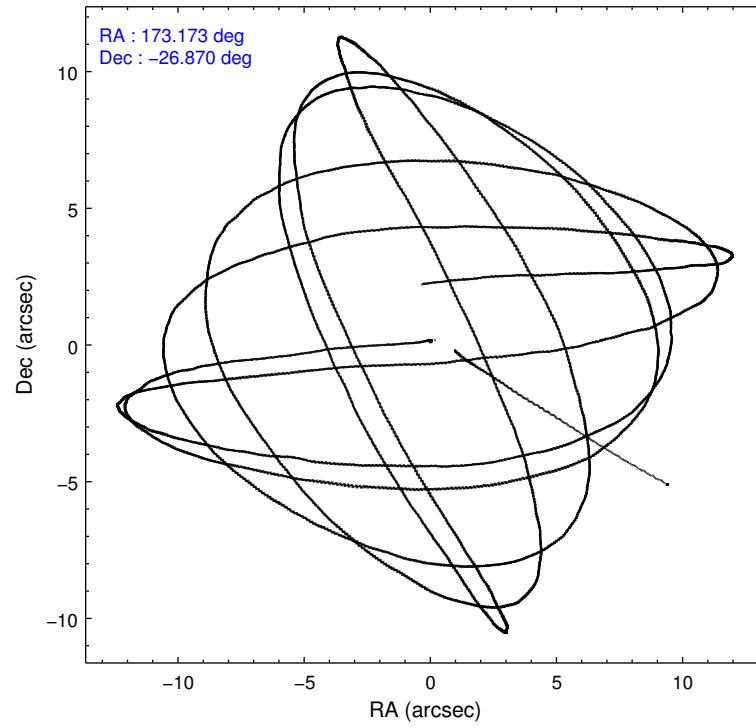
	ccd 7
level 1 events	14777
rejected events	6860
rejected %	46%

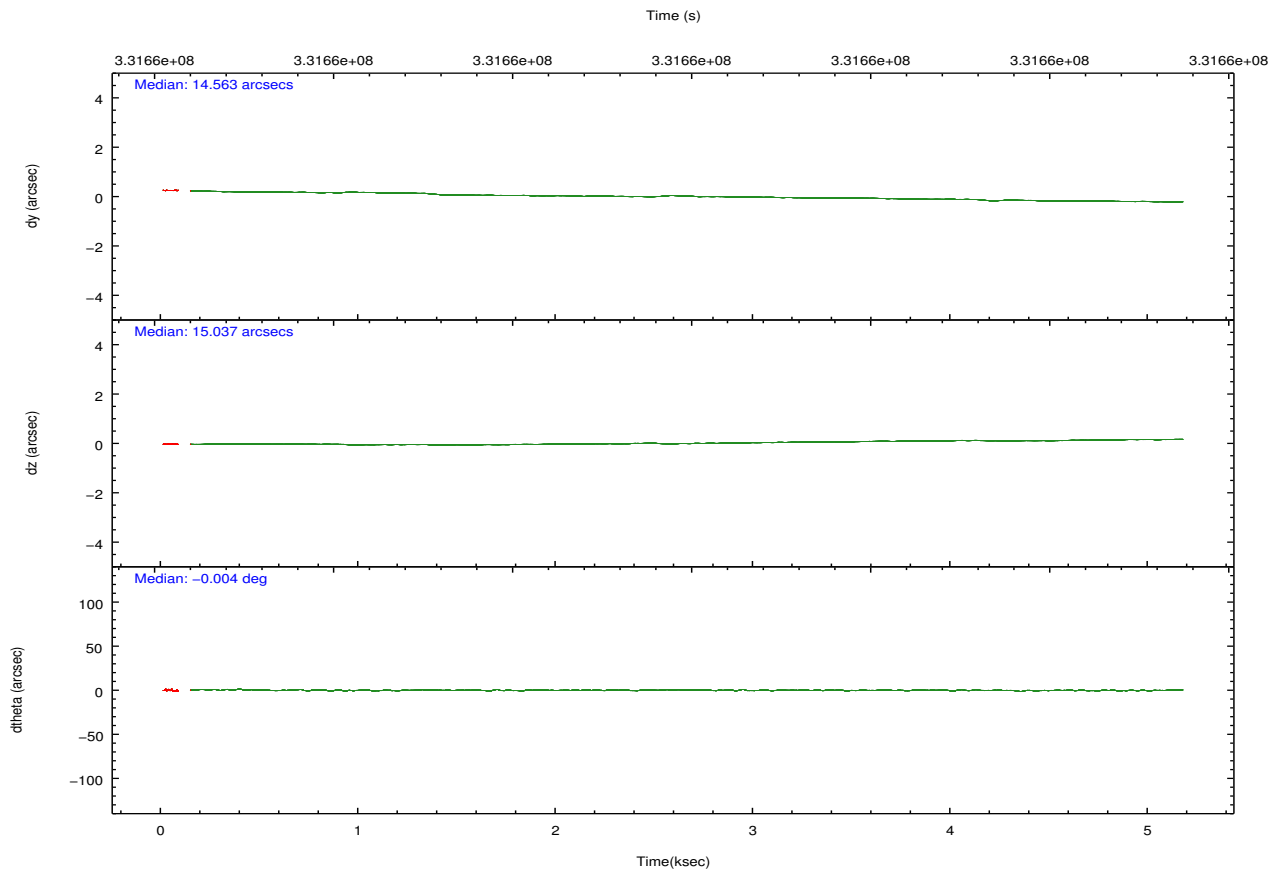
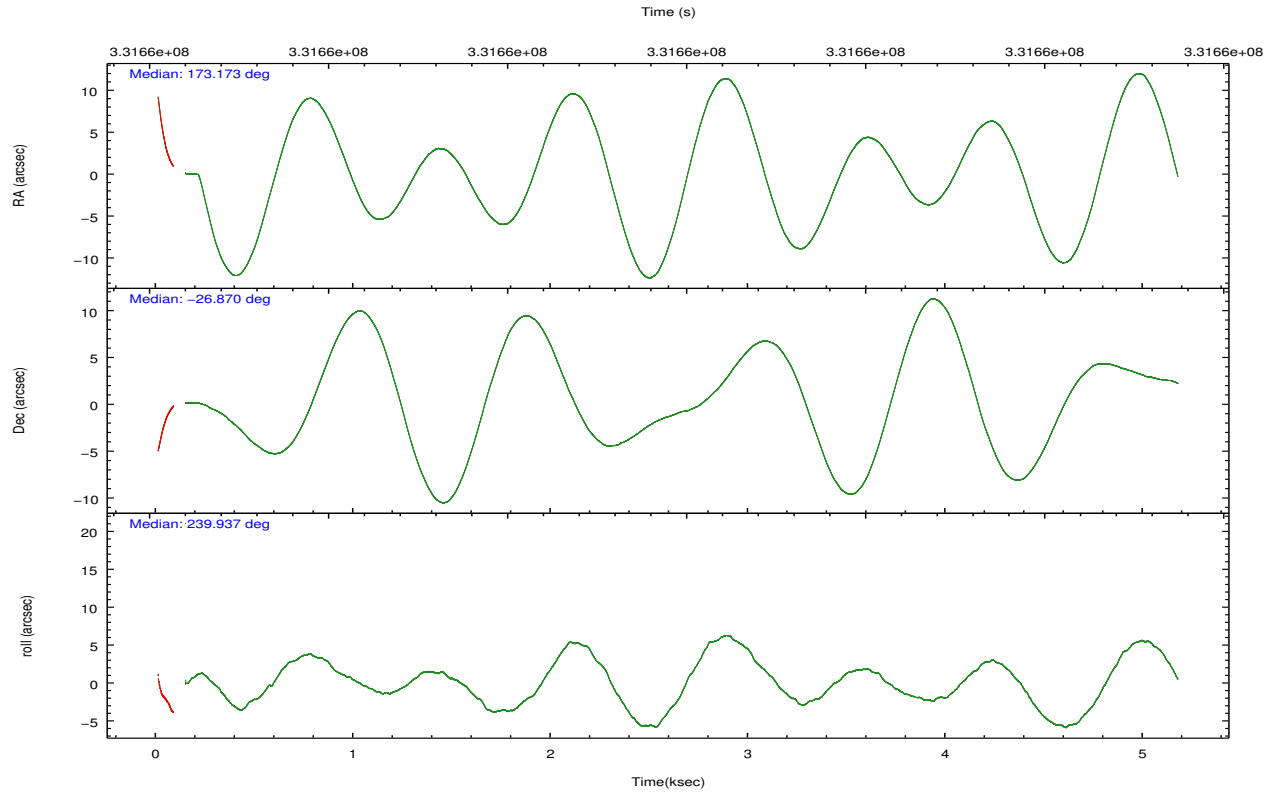
	ccd 7
grade 0 events	1847
	12%
grade 1 events	41
	0%
grade 2 events	1991
	13%
grade 3 events	1070
	7%
grade 4 events	1026
	6%
grade 5 events	1063
	7%
grade 6 events	2891
	19%
grade 7 events	4848
	32%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	173.172683	173.1730947267931	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-26.842780	-26.87014106275774	Subarray start row	449	449
[deg] Pointing Roll	239.786035	239.9428371477909	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	331658486.184000	331657383.91265			
Observation start date	2008-07-05T15:20:21	2008-07-05T15:03:03			
[s] Observation end time (MET)	331663486.184000	331664417.97549			
Observation end date	2008-07-05T16:43:41	2008-07-05T17:00:17			
Read mode	TIMED	TIMED			

2.3 Aspect



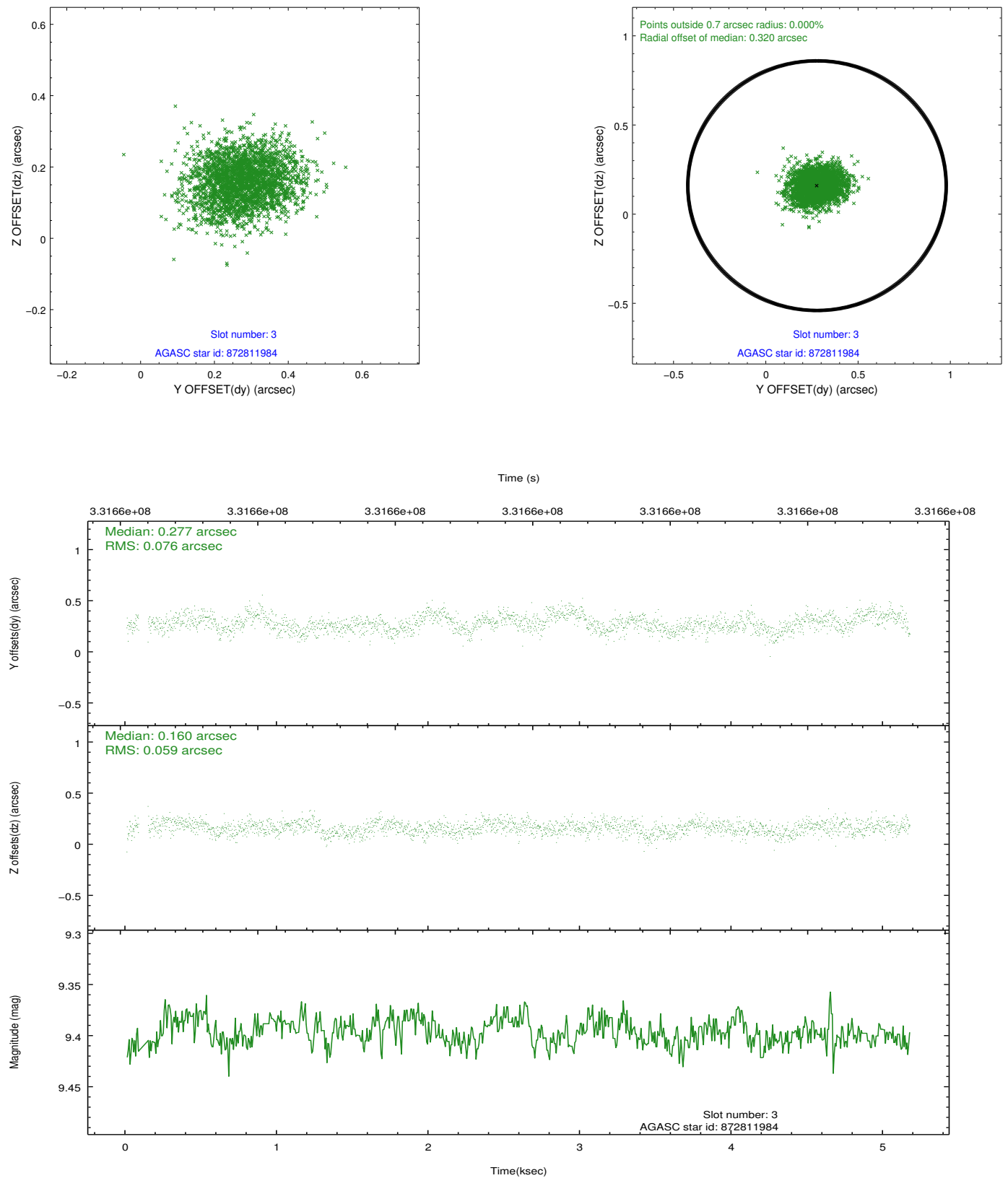


Slot Statistics

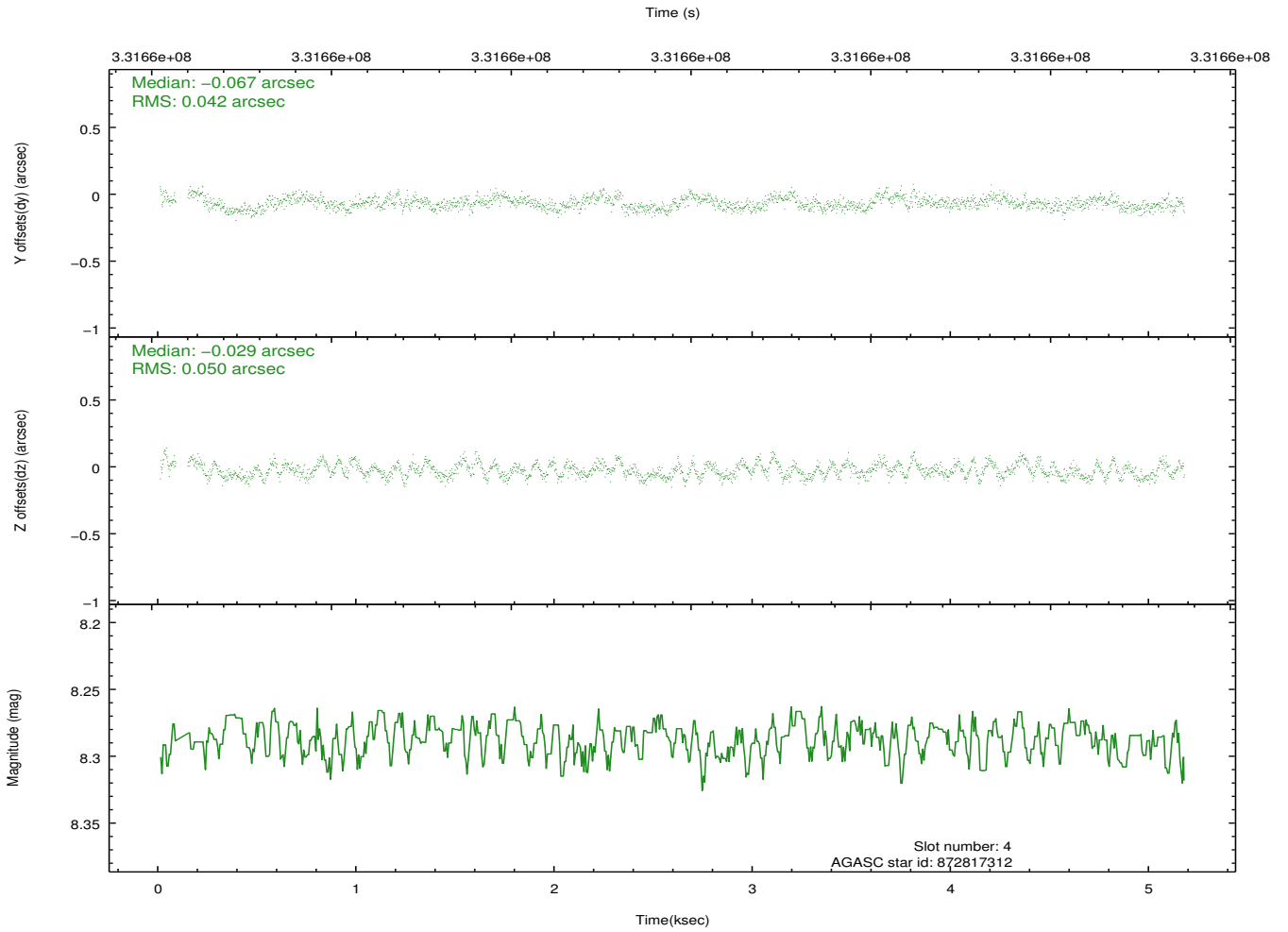
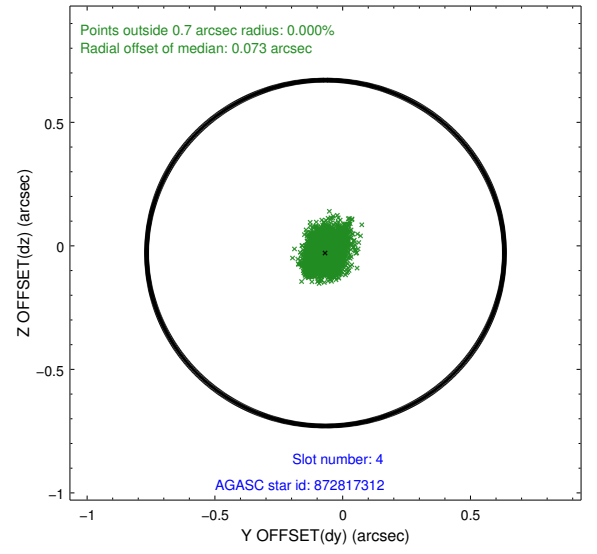
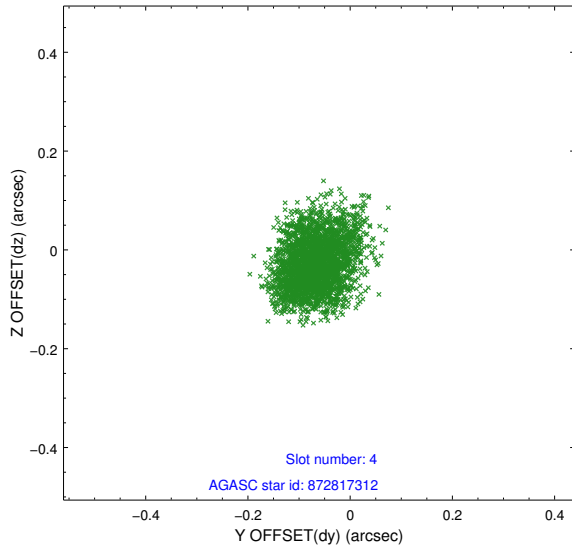
	status	id	mag	n_pts	med_dy	med_dz	drl
	FID	ACIS-S-2	6.92	1246	-0.083	-0.011	0.008
	FID	ACIS-S-4	7.00	1246	0.174	0.043	0.006
	FID	ACIS-S-5	7.02	1247	-0.122	-0.023	0.006
	GUIDE	872811984	9.40	2487	0.277	0.160	0.102
	GUIDE	872817312	8.29	2491	-0.067	-0.029	0.070
	GUIDE	872817176	8.55	2491	-0.079	-0.171	0.068
	GUIDE	872944800	8.14	2490	-0.132	0.042	0.064
0.0000.0000.0000.0000000.00000000.000.00							

2.4 Star Slots

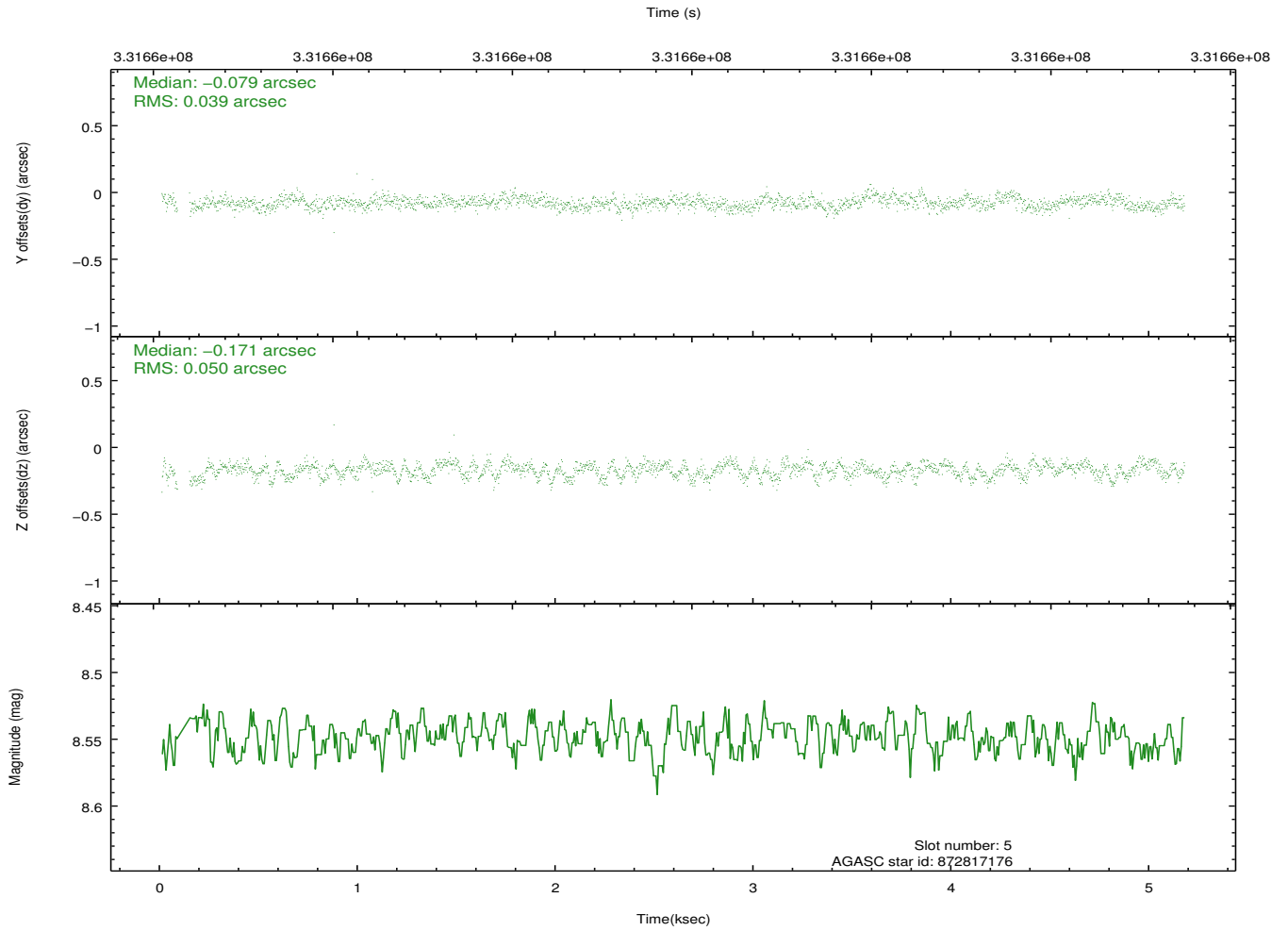
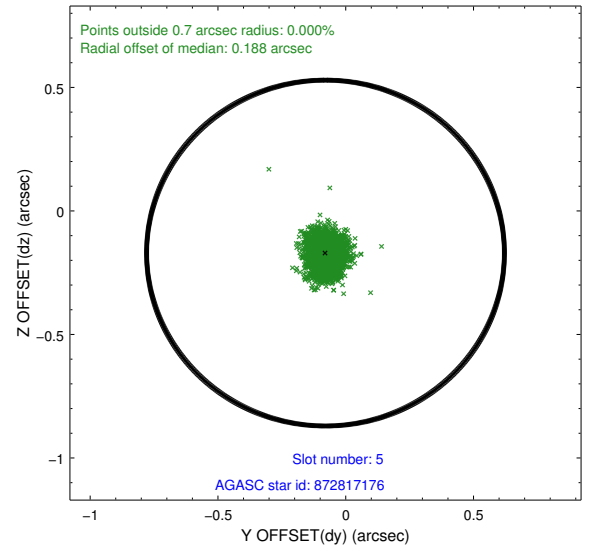
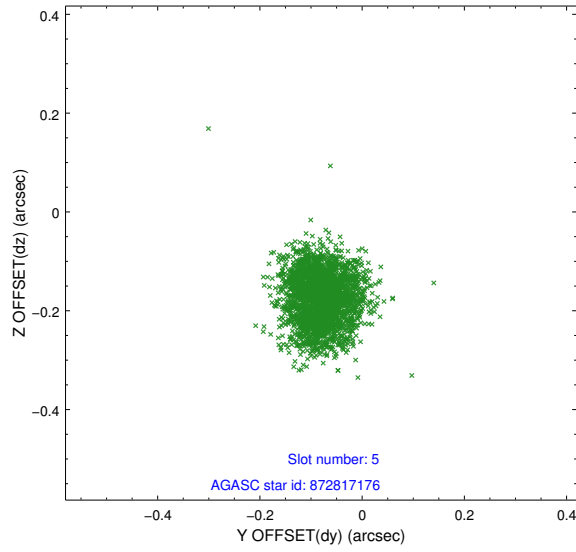
2.4.1 Slot 3



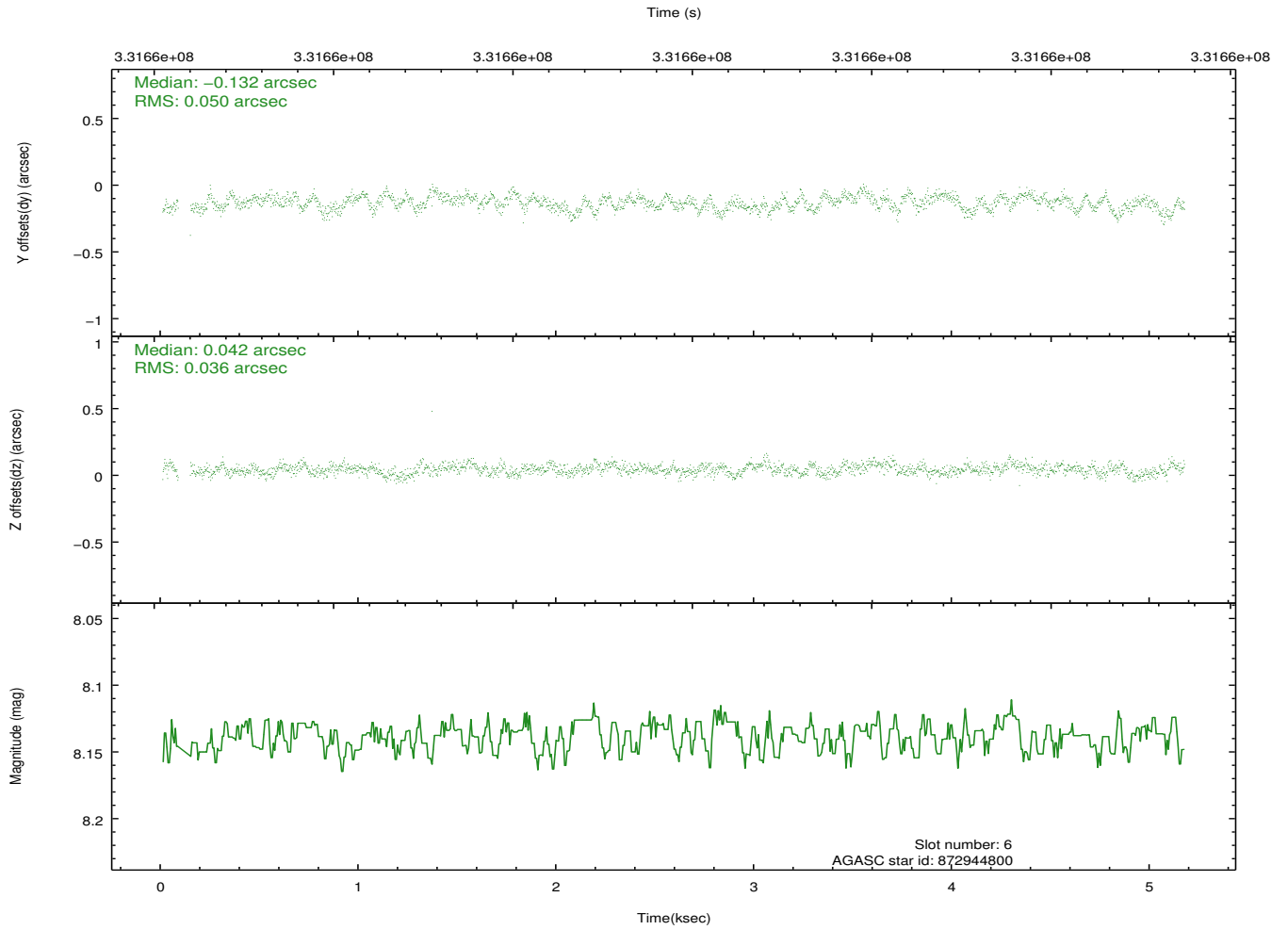
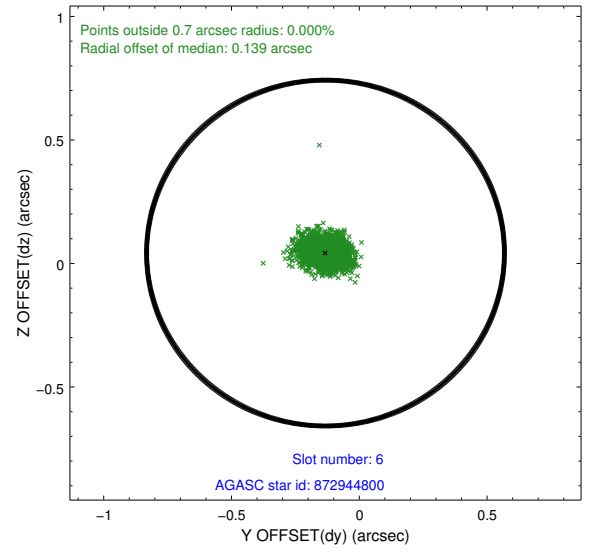
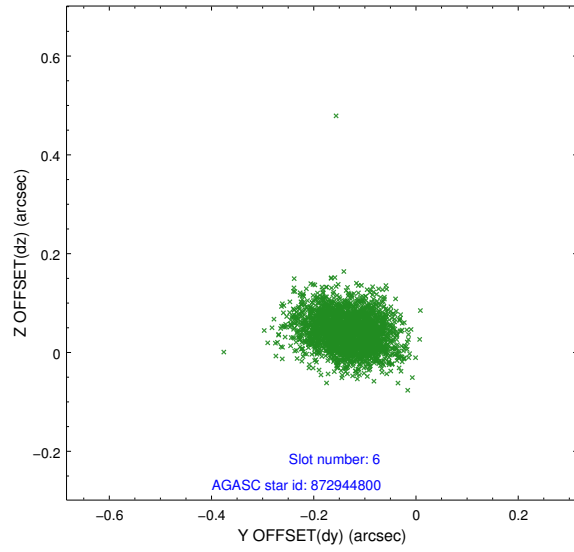
2.4.2 Slot 4



2.4.3 Slot 5

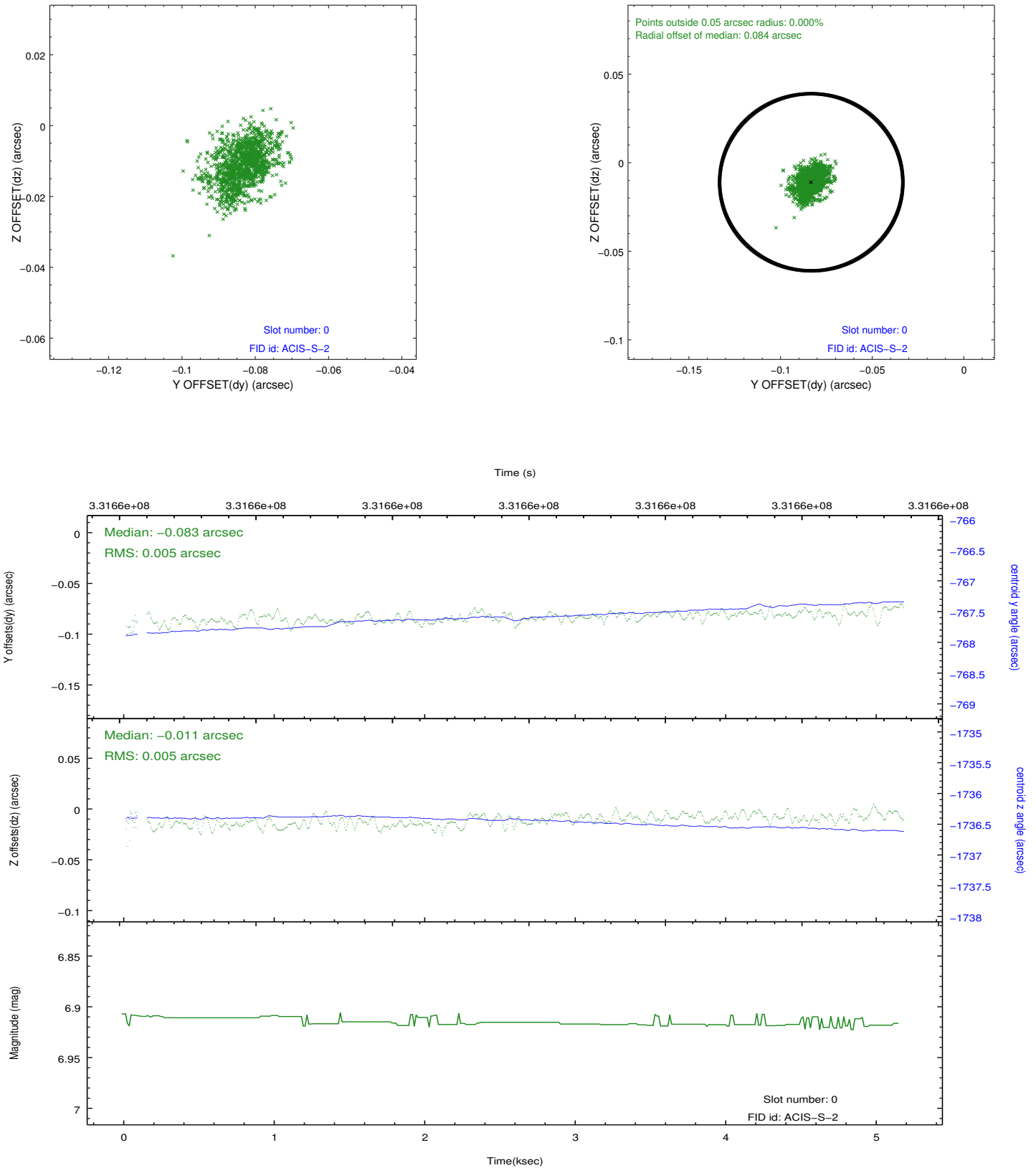


2.4.4 Slot 6

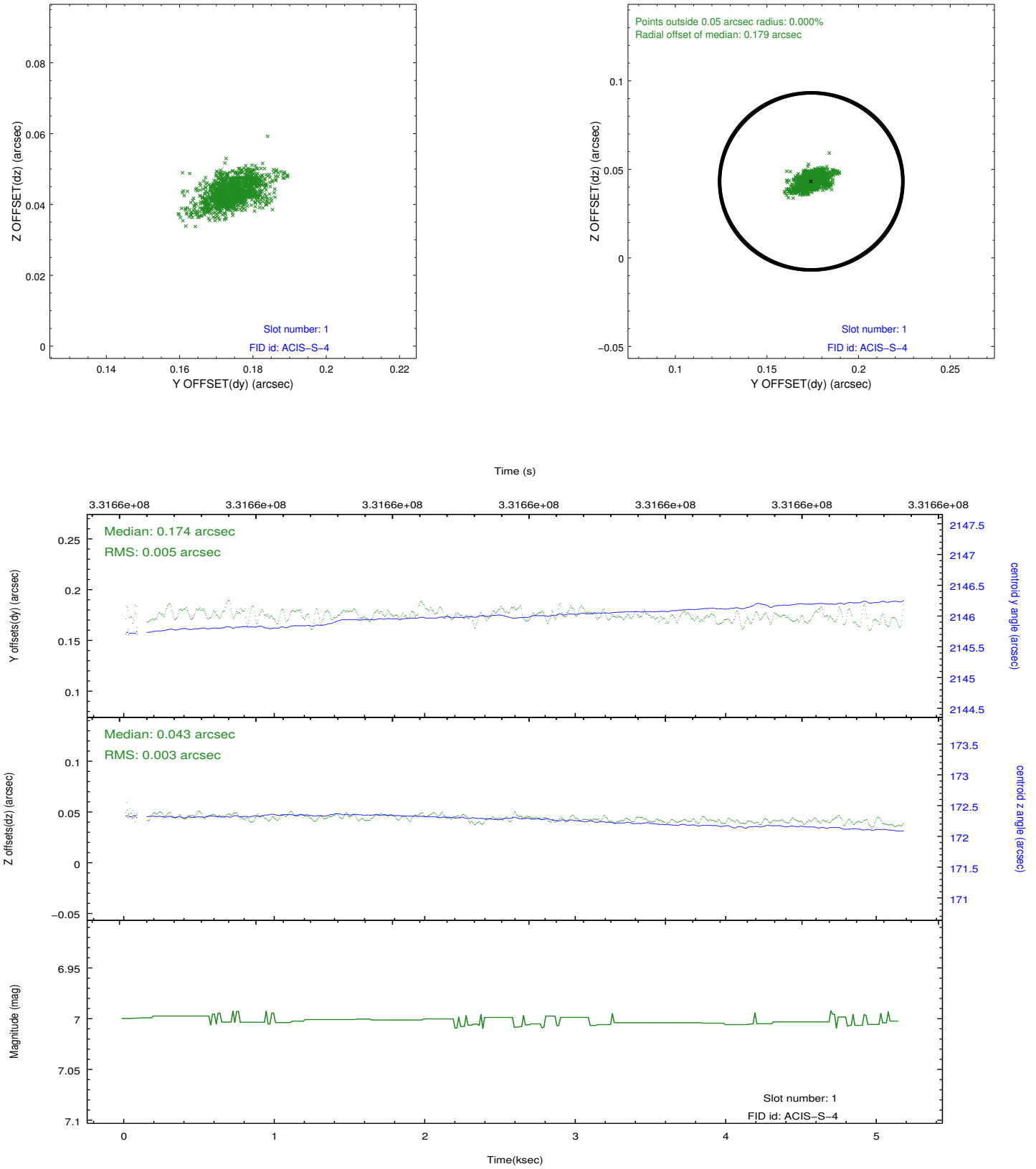


2.5 FID Slots

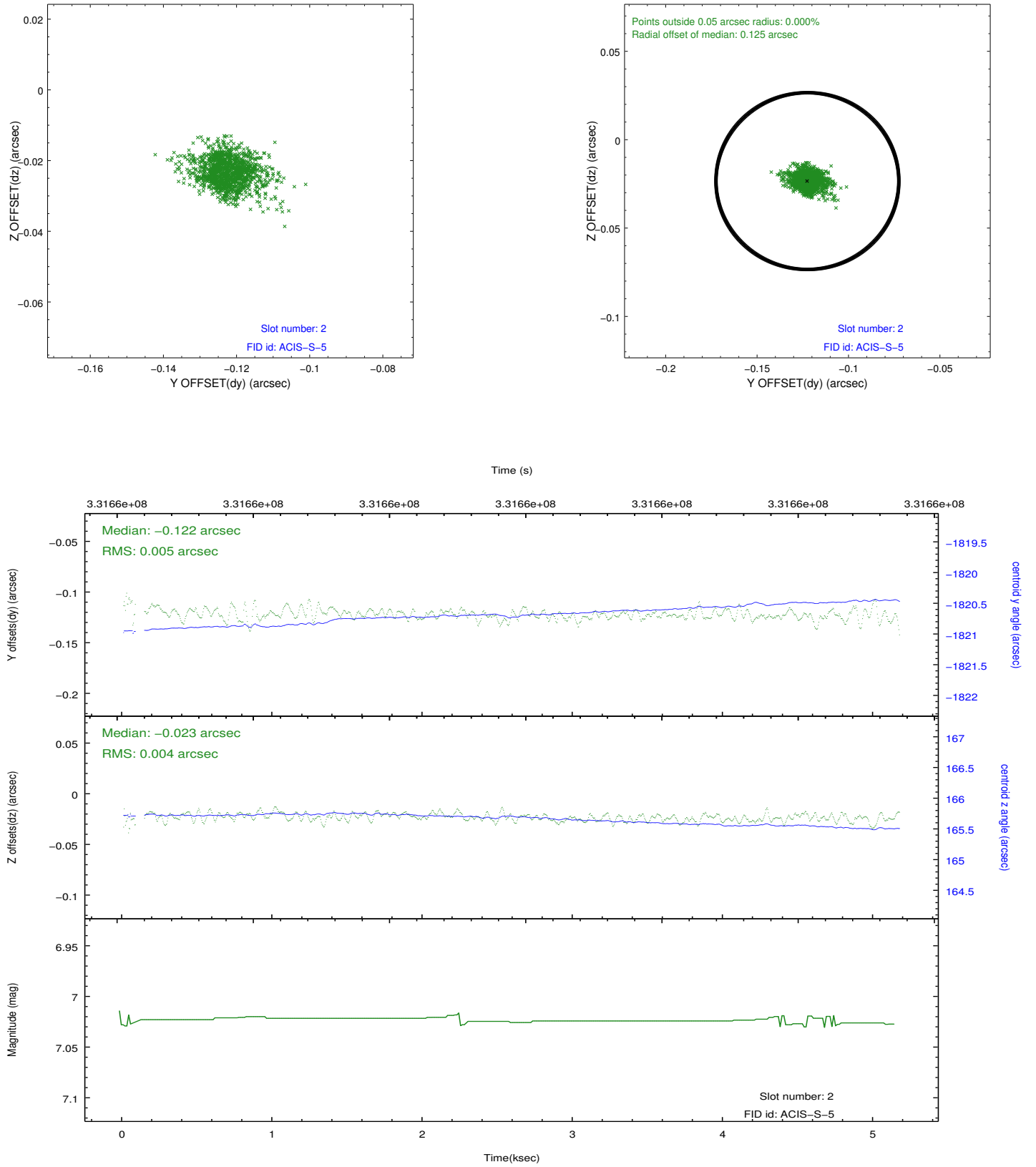
2.5.1 Slot 0



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)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0275997

A.2 Comments

Joint proposal with HST.