

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 16069 - L2 Version 1
Chandra X-Ray Center

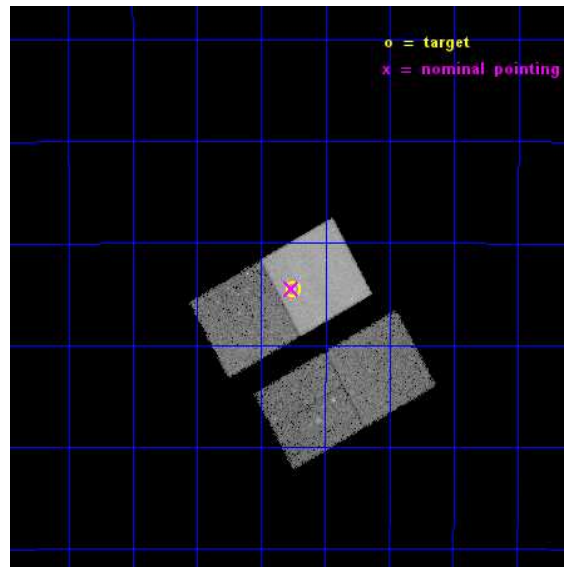
L2 Processing Date : Feb 16 2015

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1 Front

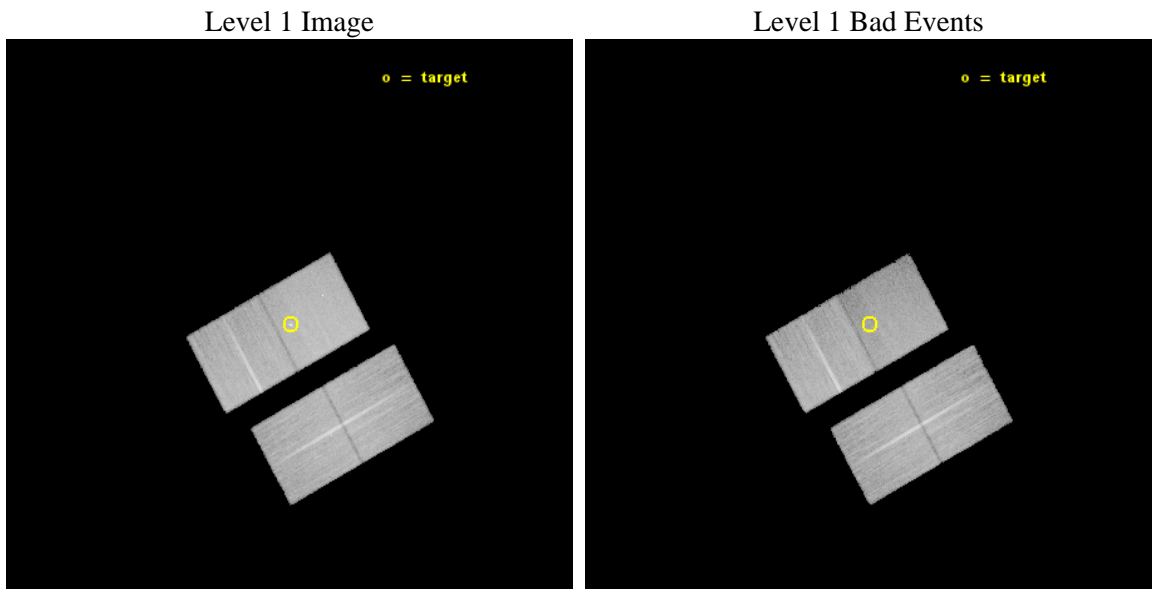
seq_num	702962	Sequence number
obs_id	16069	Observation id
title	AGN-Triggered Star Formation in the Dwarf Galaxy Henize 2-10?	Prop
observer	Dr. Amy Reines	Principal investigator
object	He 2-10	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	129.062917	Observer's specified target RA [deg]
dec_targ	-26.409472	Observer's specified target Dec [deg]
ra_nom	129.06600397253	Nominal RA [deg]
dec_nom	-26.40803708834	Nominal Dec [deg]
roll_nom	331.07895758645	Nominal Roll [deg]
revision	1	Processing version of data
ontime	38074.200292945	Sum of GTIs [s]
livetime	37576.732836299	Livetime [s]
ontime2	38067.918192625	Sum of GTIs [s]
ontime3	38074.200292945	Sum of GTIs [s]
ontime6	38071.059252739	Sum of GTIs [s]
ontime7	38074.200292945	Sum of GTIs [s]
l2events	148766	Number of level 2 events



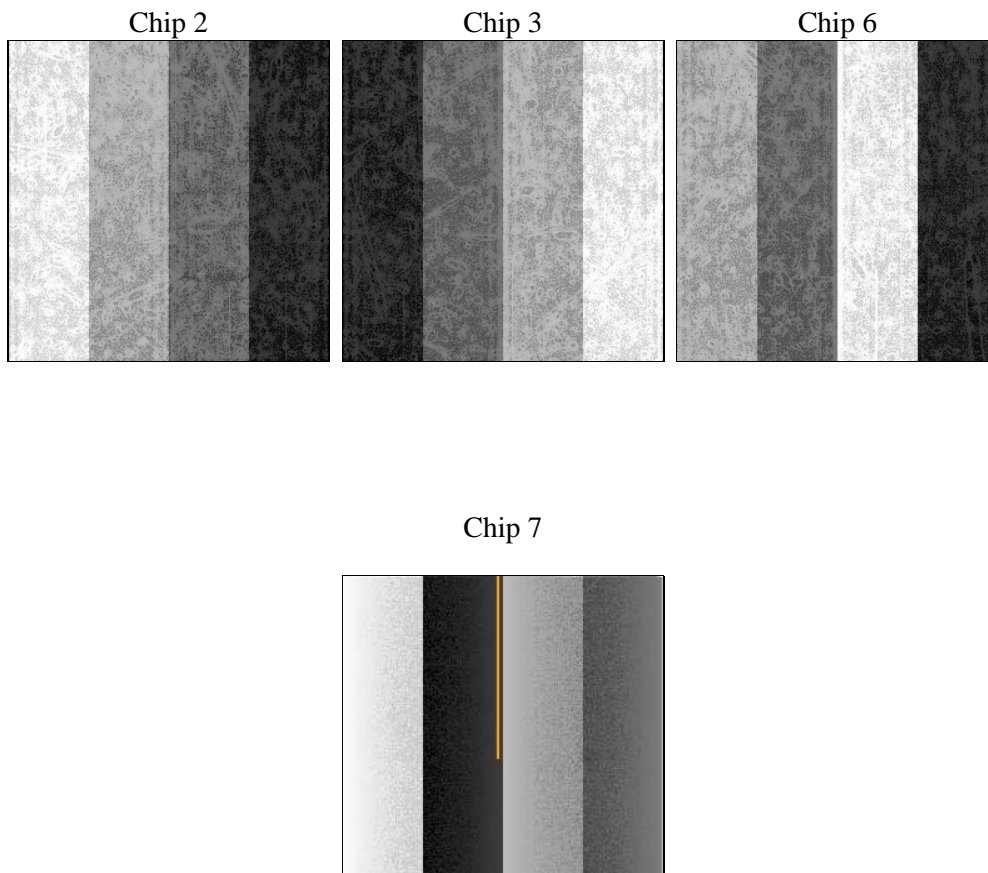
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	38000.000000	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	38074.200292945	Sum of GTIs [s]
caldbver	4.6.6	 	ontime2	38067.918192625	Sum of GTIs [s]
date	2015-02-17T00:57:23	Date and time of file creation	ontime3	38074.200292945	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	38071.059252739	Sum of GTIs [s]
			ontime7	38074.200292945	Sum of GTIs [s]
			l1events	751846	Number of level 1 events

2.1.4 Events

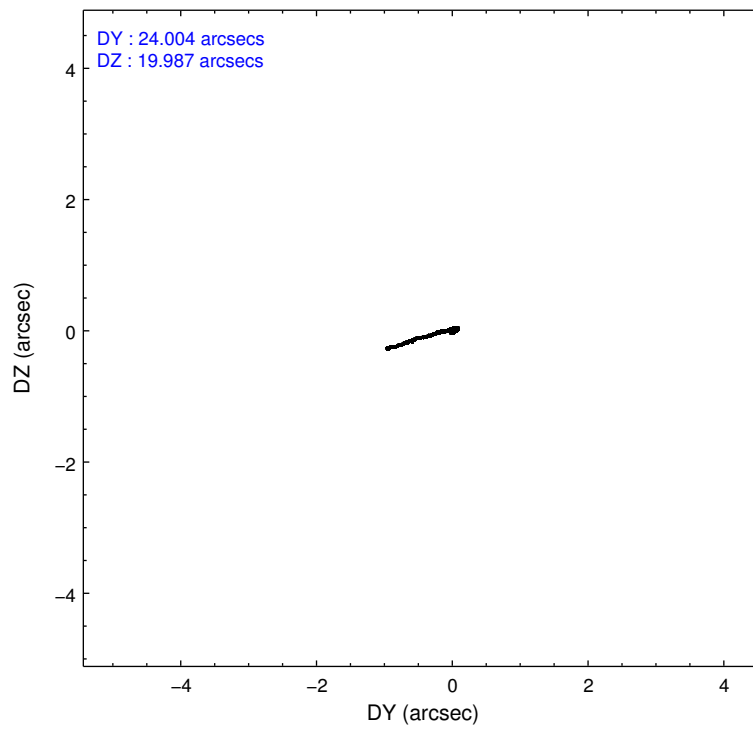
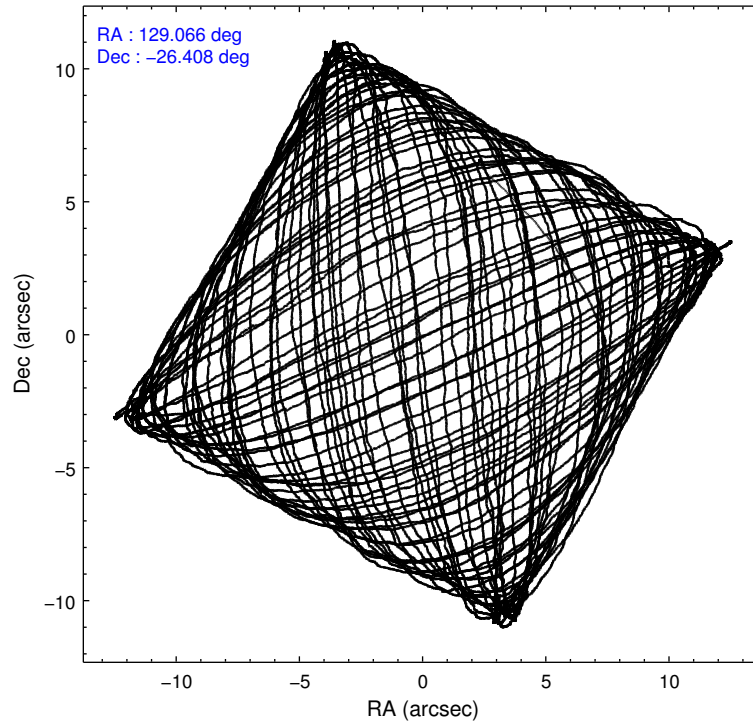
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	180481	173187	185892	212286
rejected events	160996	154423	164451	112527
rejected %	89%	89%	88%	53%

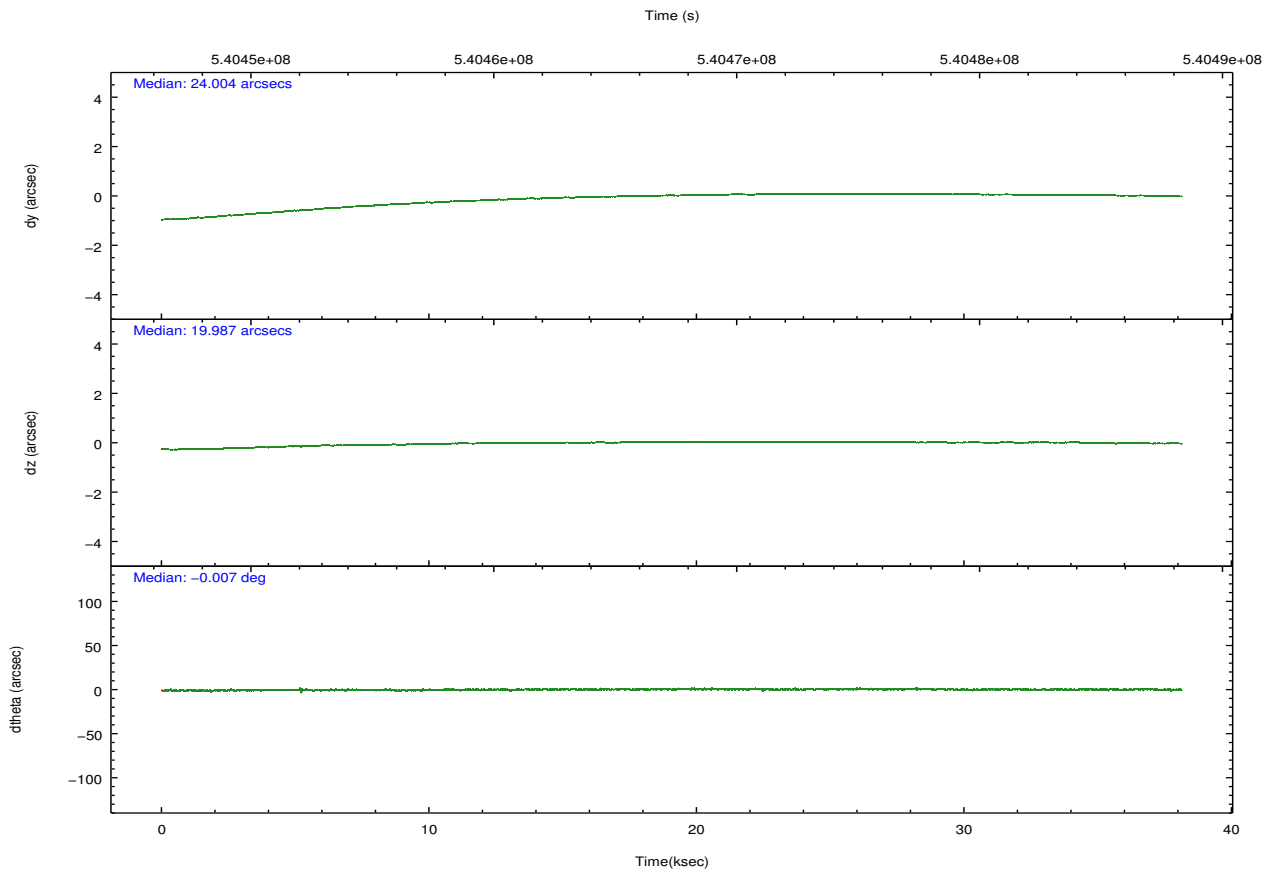
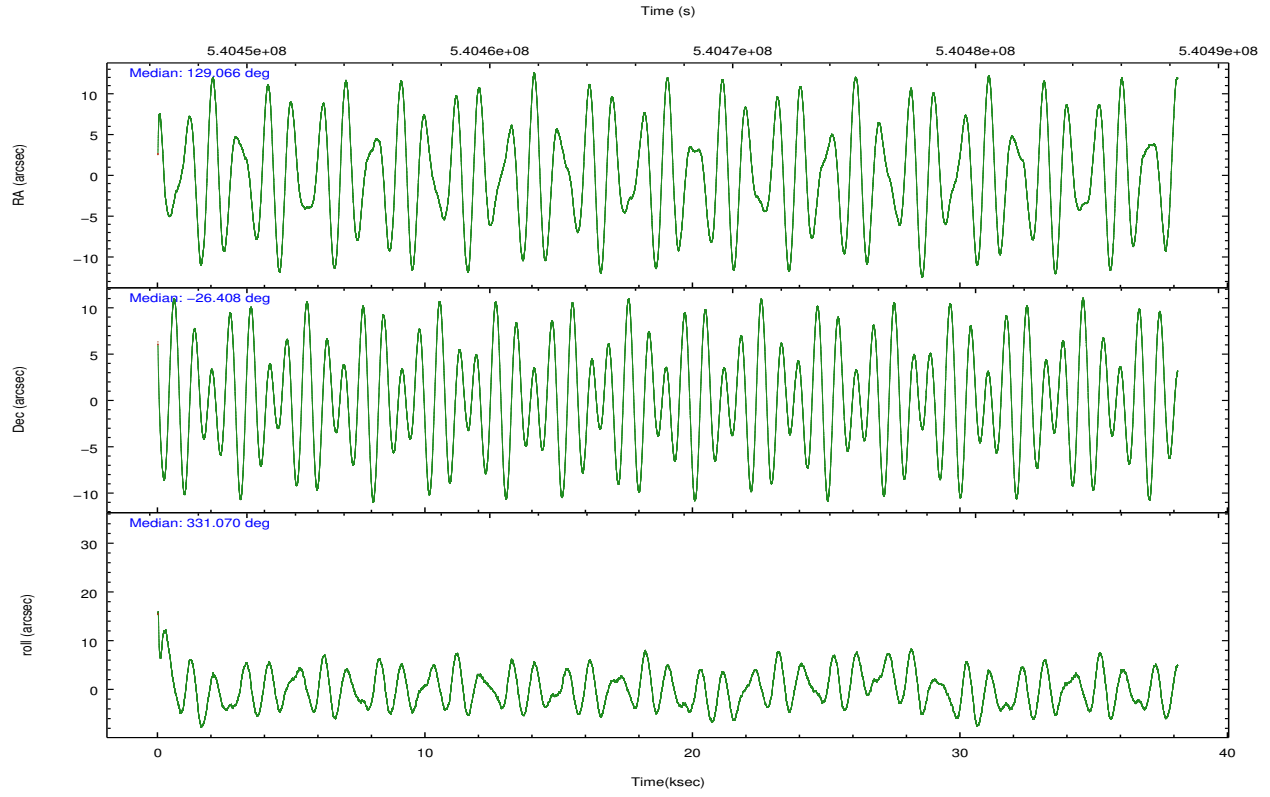
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	7425	6706	7498	9510
	4%	3%	4%	4%
grade 1 events	85	87	71	302
	0%	0%	0%	0%
grade 2 events	4544	4193	4833	21671
	2%	2%	2%	10%
grade 3 events	2012	1987	2164	8358
	1%	1%	1%	3%
grade 4 events	1995	2031	2088	8179
	1%	1%	1%	3%
grade 5 events	6325	7993	7915	21228
	3%	4%	4%	9%
grade 6 events	3510	3847	4858	52049
	1%	2%	2%	24%
grade 7 events	154585	146343	156465	90989
	85%	84%	84%	42%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	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	129.035375	129.0660039725306	Subarray requested	NONE	NONE
[deg] Pointing Dec	-26.408907	-26.4080370883402	Alternating exposures requested	N	N
[deg] Pointing Roll	330.908700	331.0789575864532	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	540448397.184000	540446899.01221			
Observation start date	2015-02-16T04:32:10	2015-02-16T04:08:19			
[s] Observation end time (MET)	540486397.184000	540487568.45198			
Observation end date	2015-02-16T15:05:30	2015-02-16T15:26:08			
Read mode	TIMED	TIMED			

2.3 Aspect



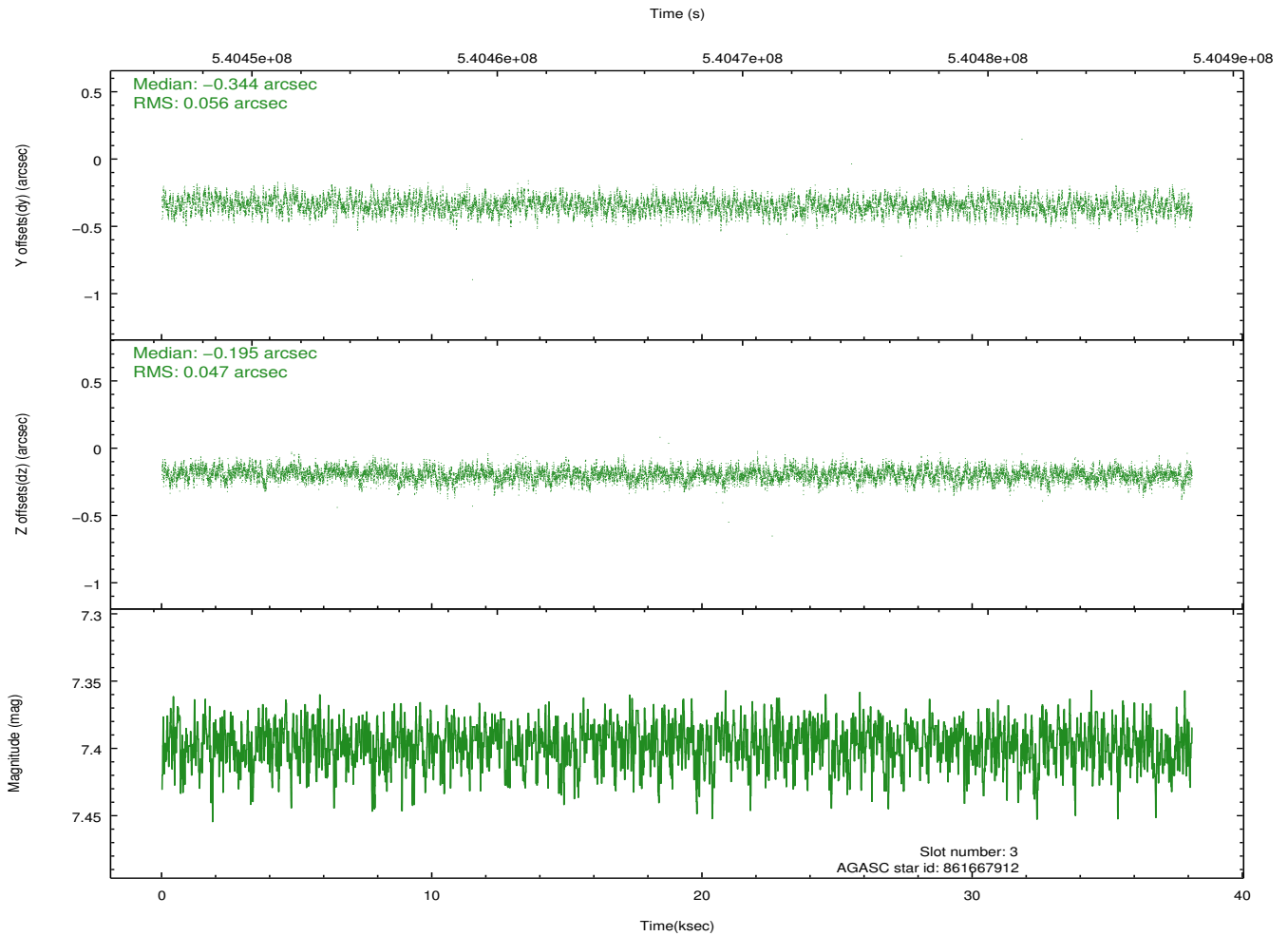
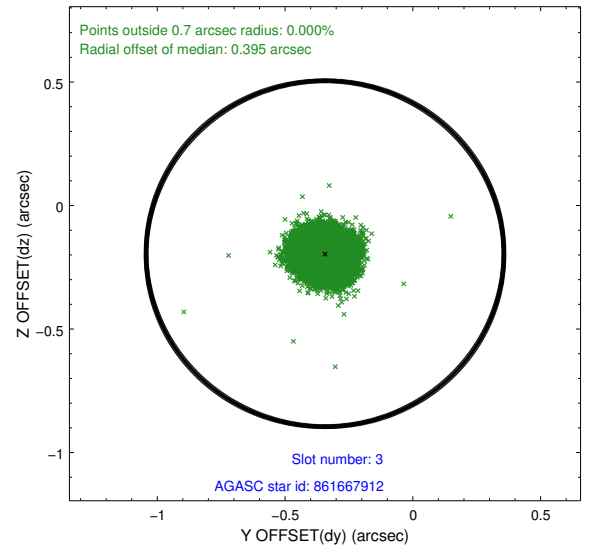
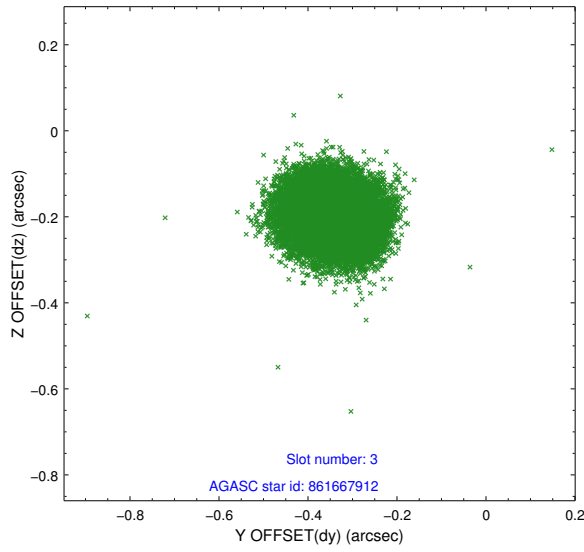


Slot Statistics

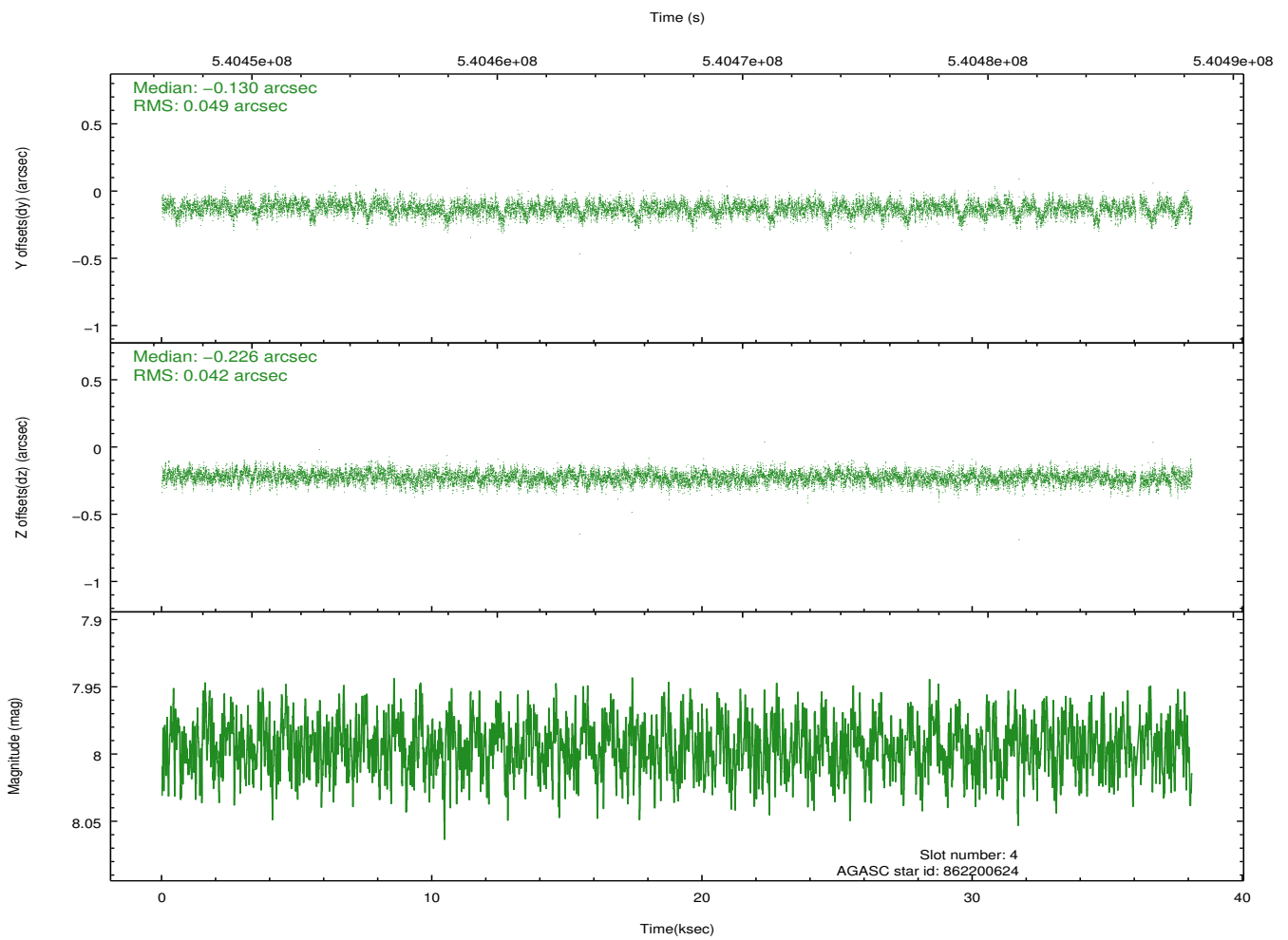
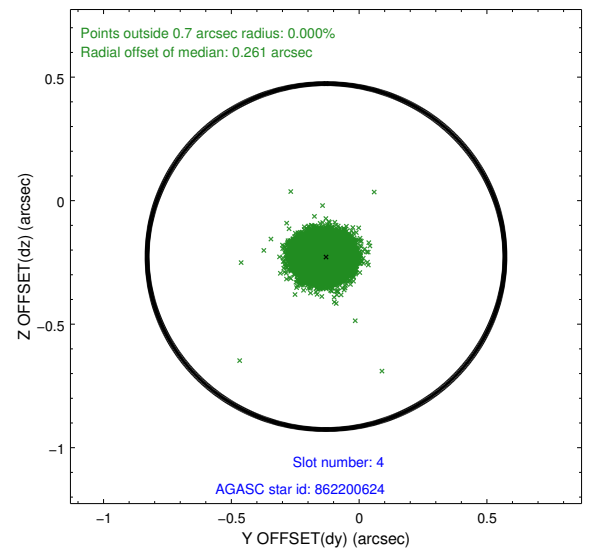
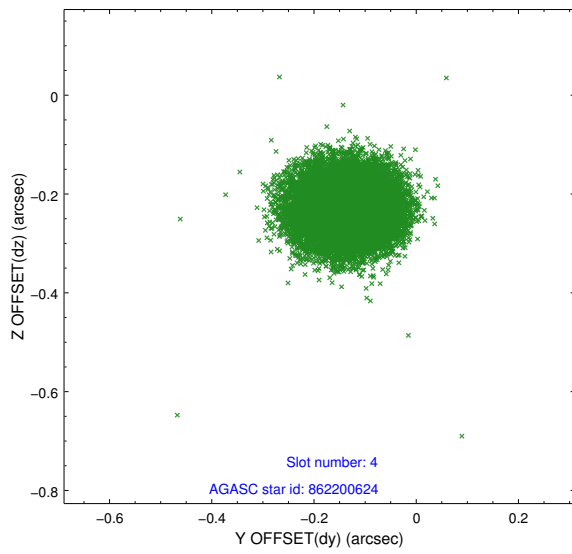
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-1	7.18	9298	0.115	-0.071	0.011	0.030	0.000000	0.000000	919.13	-1737.10
1	FID		ACIS-S-5	7.20	9298	-0.286	0.045	0.011	0.027	0.000000	0.000000	-1830.29	160.50
2	FID		ACIS-S-6	7.32	9298	0.148	0.036	0.012	0.025	0.000000	0.000000	384.64	804.52
3	GUIDE	used	861667912	7.40	18595	-0.344	-0.195	0.079	0.124	129.285259	-26.073114	118.47	1448.55
4	GUIDE	used	862200624	7.99	18528	-0.130	-0.226	0.069	0.114	129.566020	-26.641440	1901.02	95.95
5	GUIDE	used	862225152	6.15	18596	0.214	0.261	0.105	0.177	128.869585	-26.843489	295.81	-1625.86
6	GUIDE	used	861675776	9.25	18579	-0.046	-0.295	0.135	0.213	129.303148	-25.892769	-145.20	2044.34
7	GUIDE	used	862208792	9.07	18578	0.306	0.465	0.096	0.158	128.227142	-26.437273	-2222.25	-1362.74

2.4 Star Slots

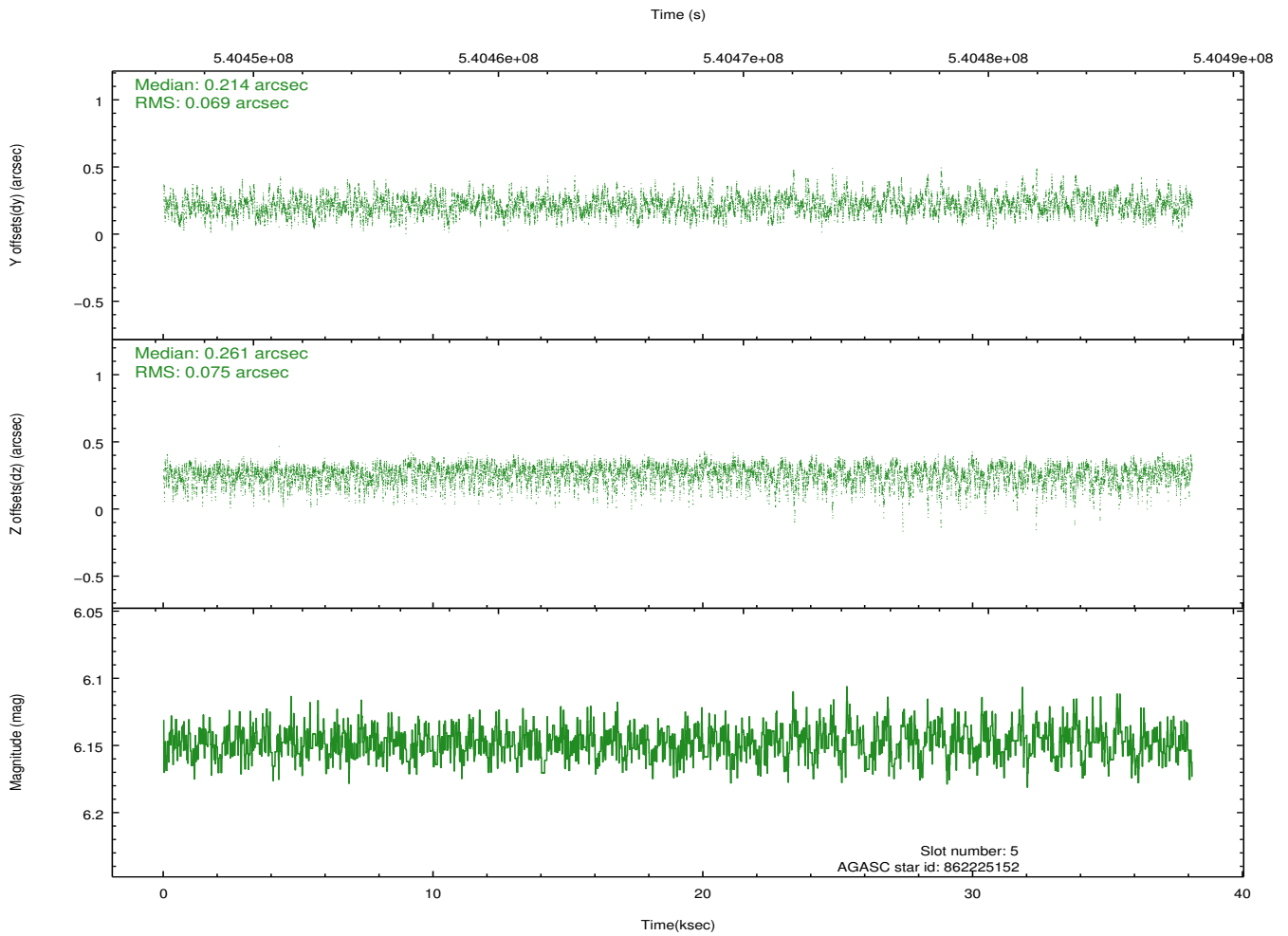
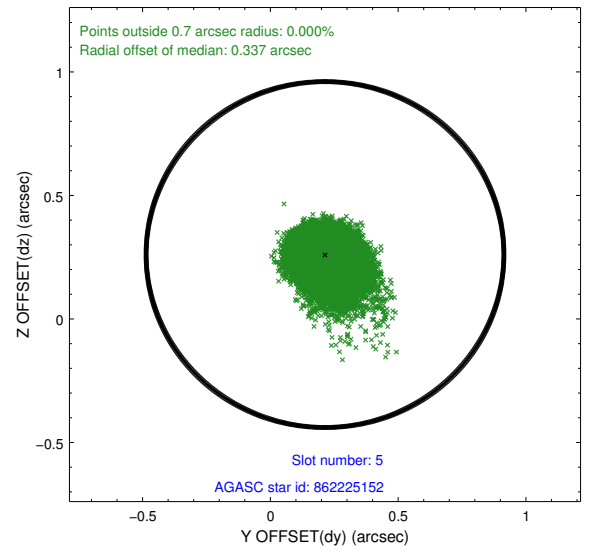
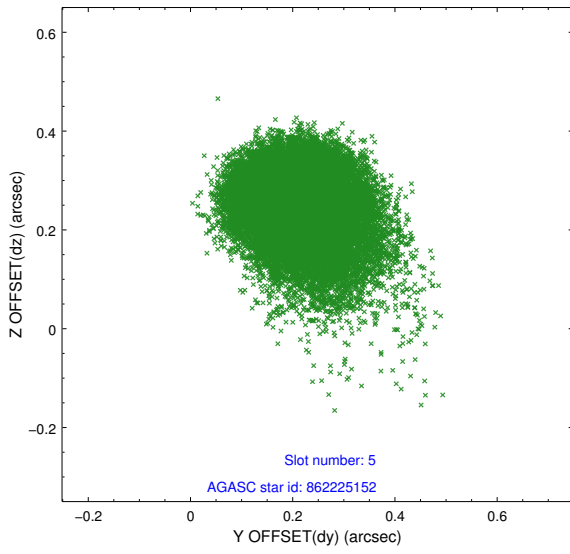
2.4.1 Slot 3



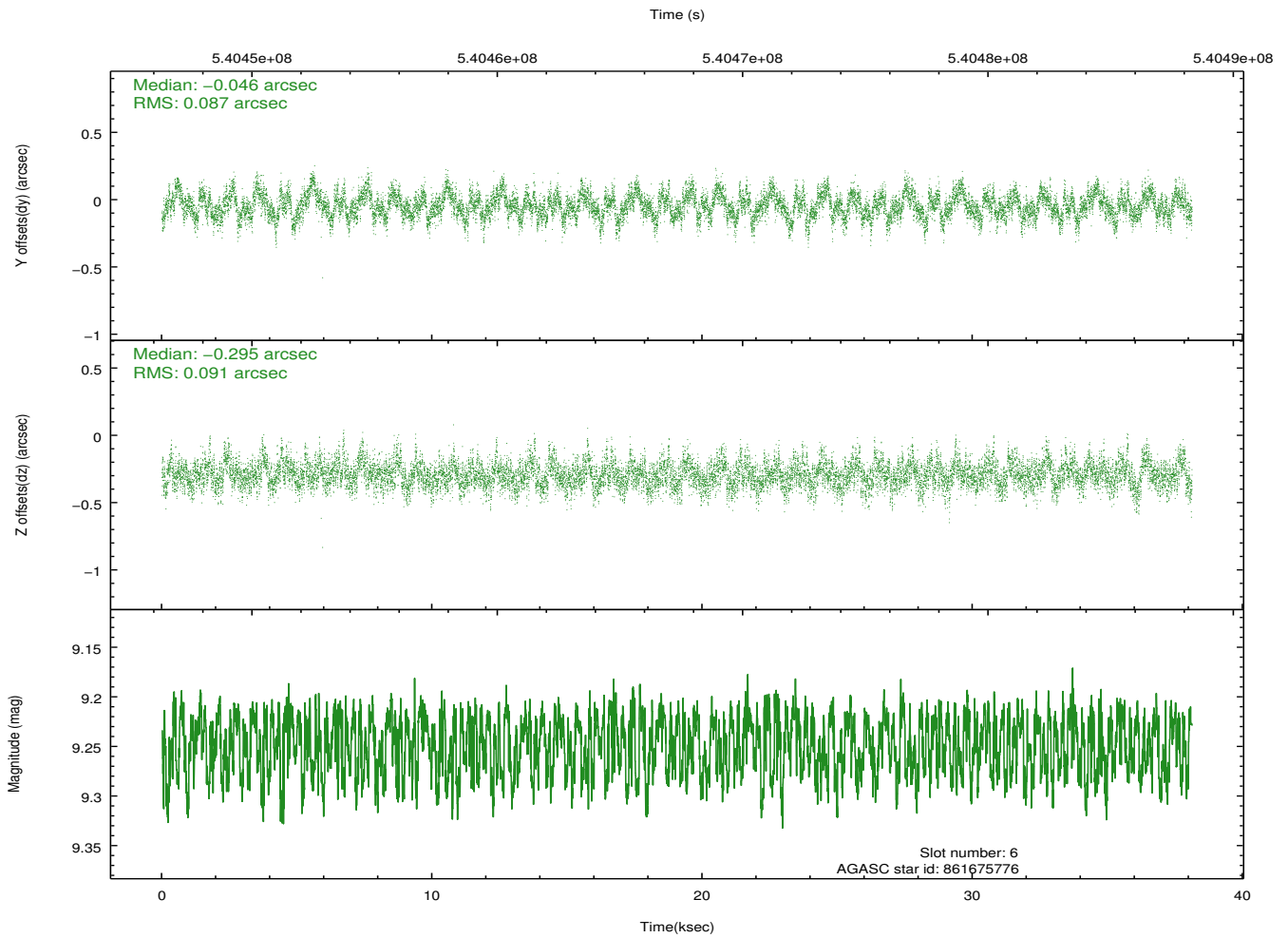
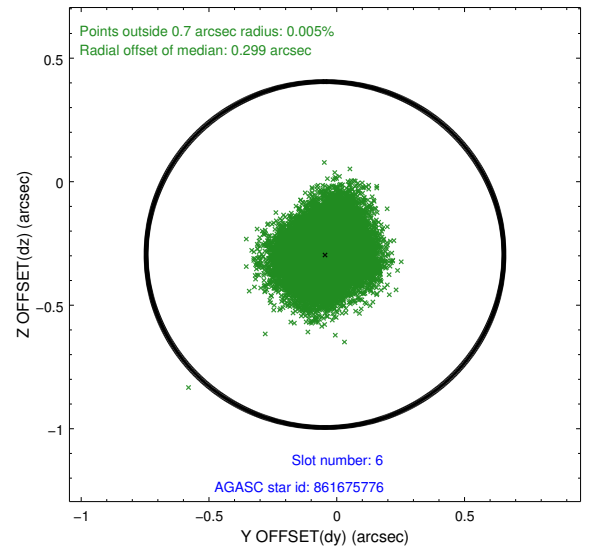
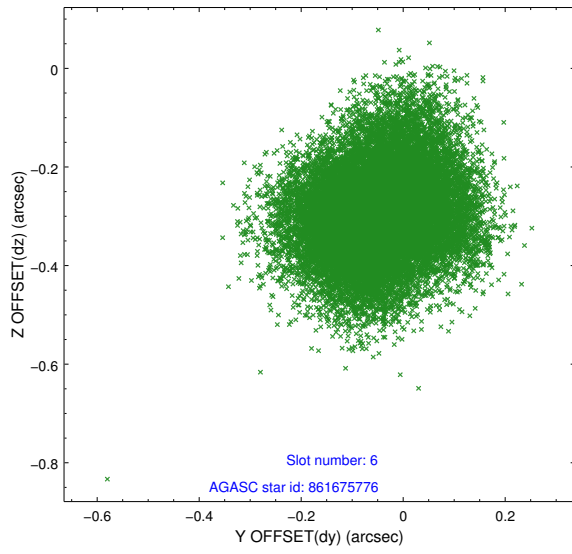
2.4.2 Slot 4



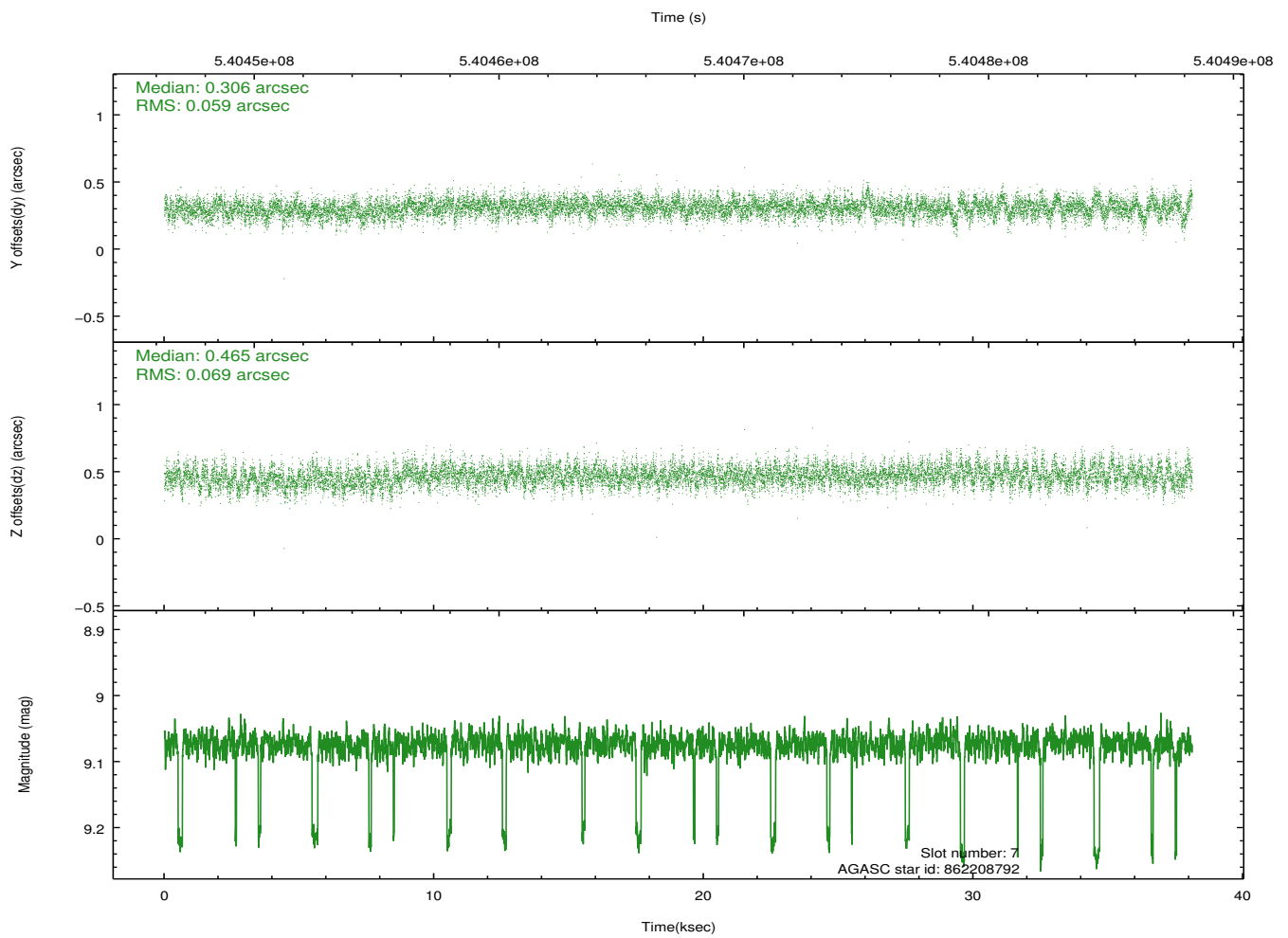
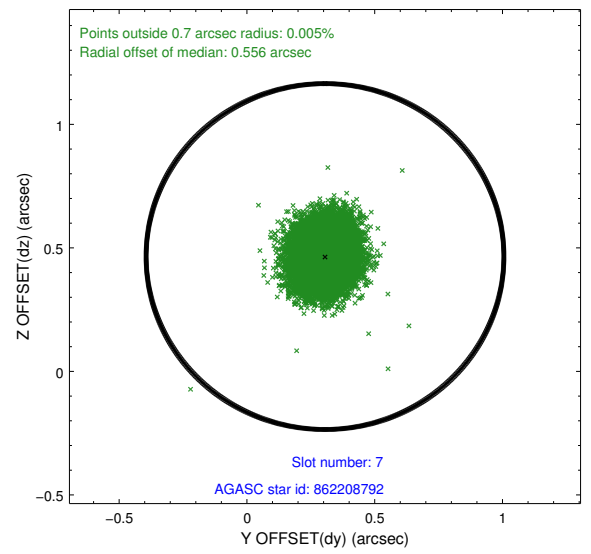
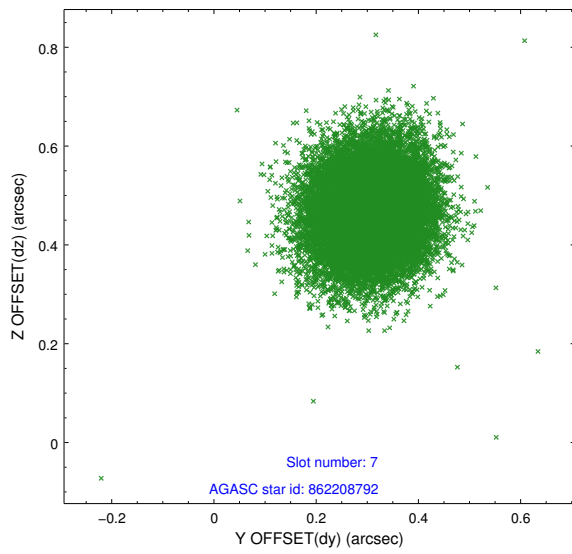
2.4.3 Slot 5



2.4.4 Slot 6

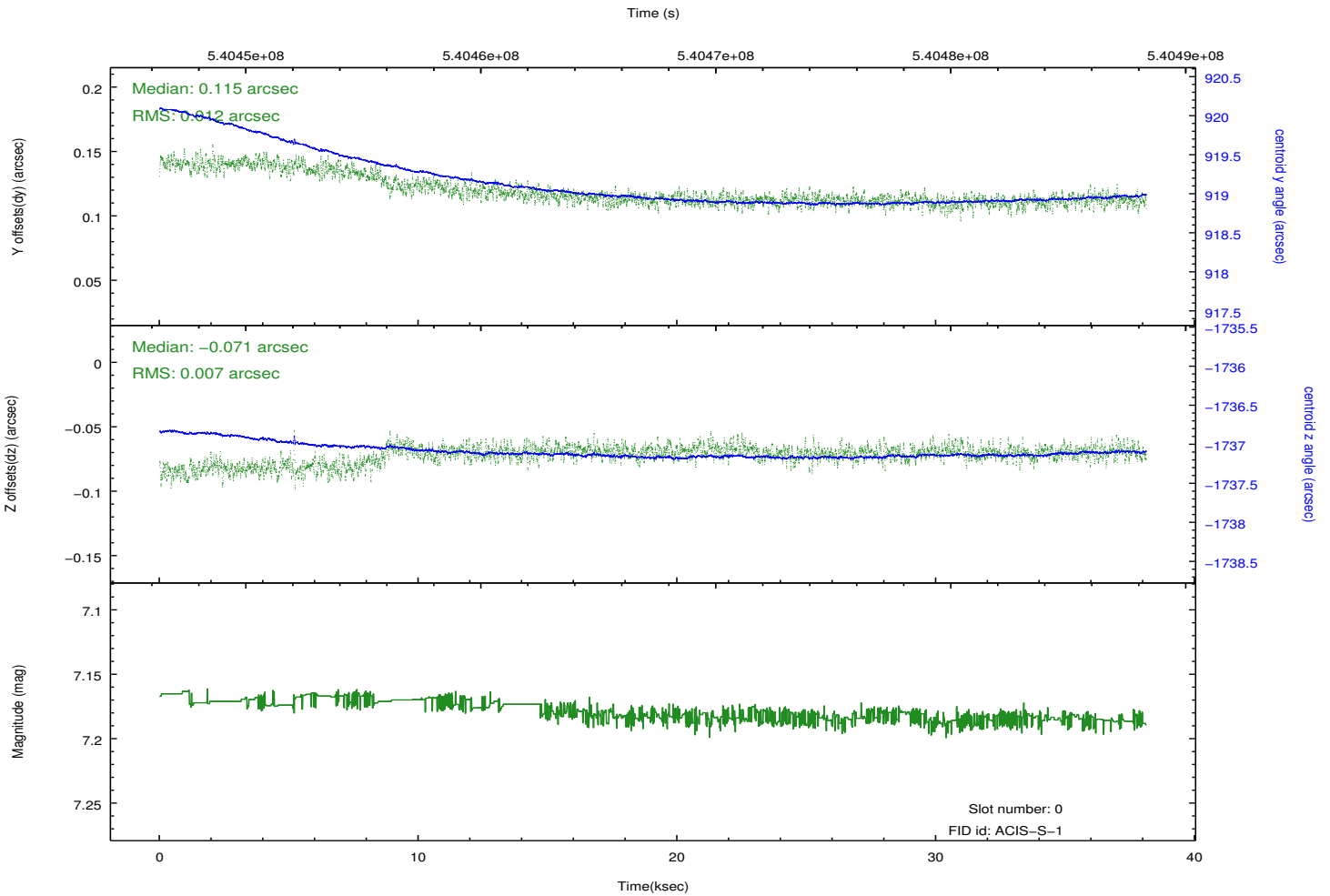
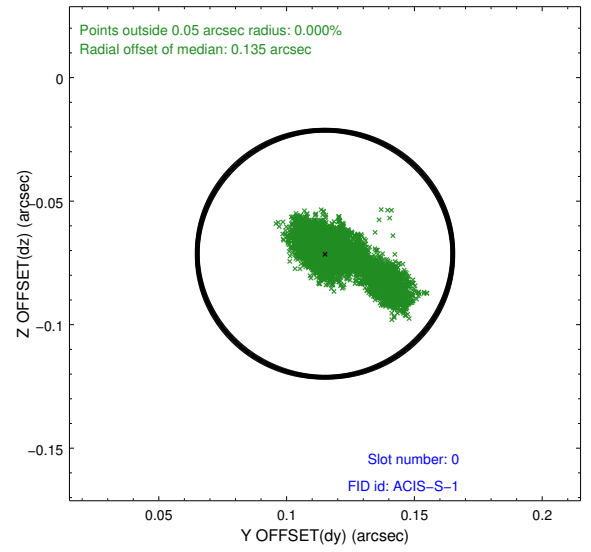
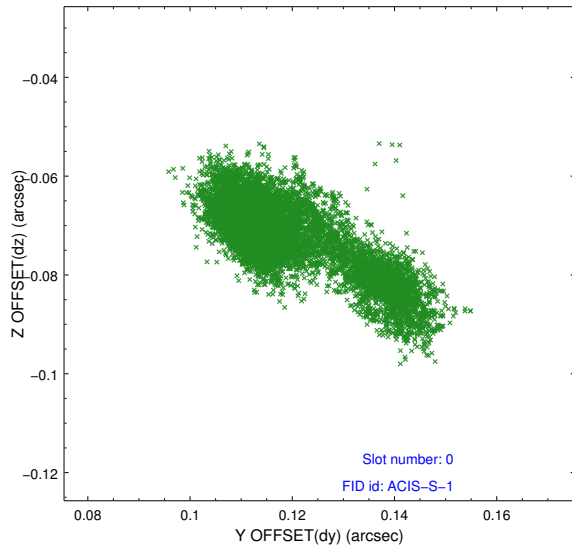


2.4.5 Slot 7

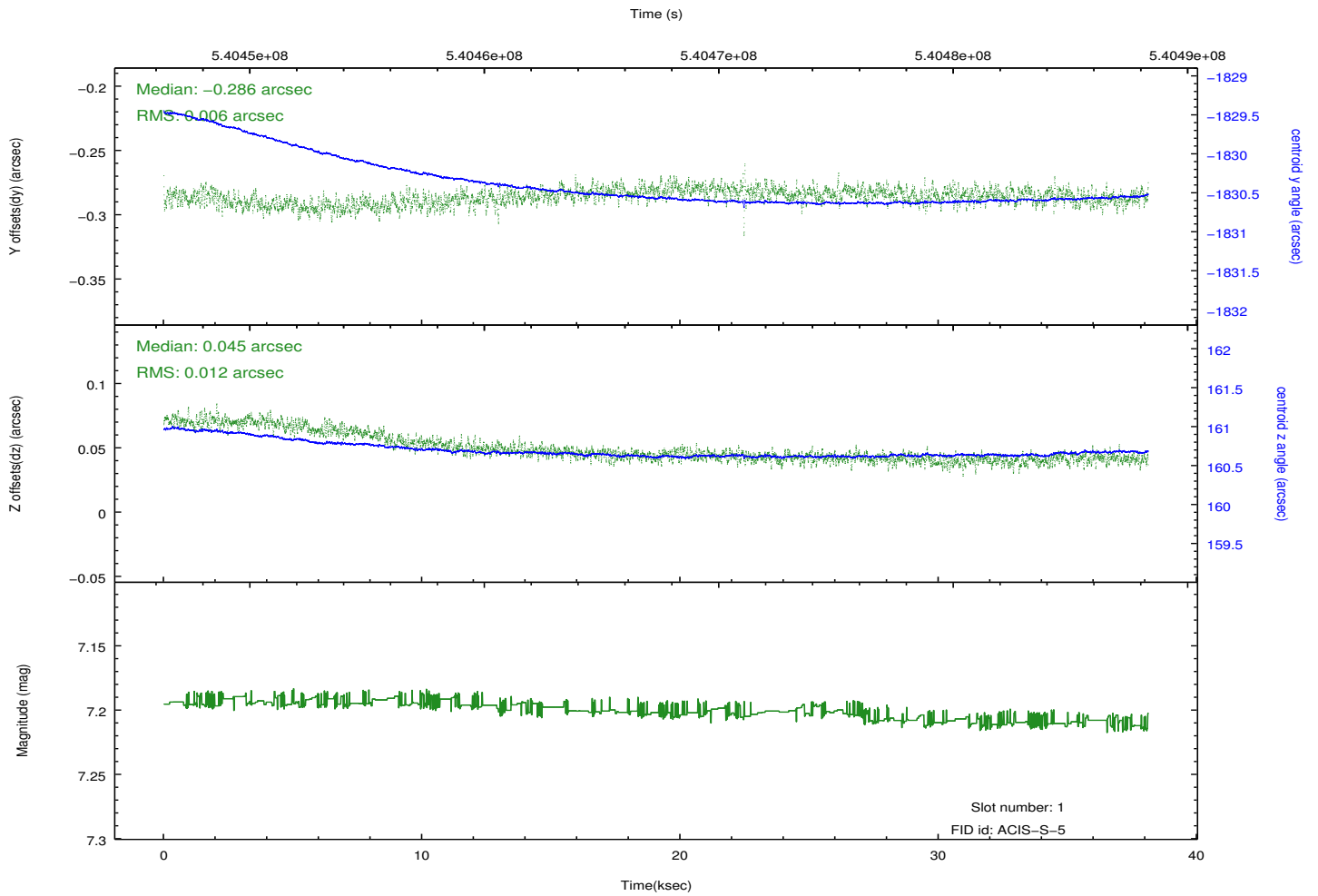
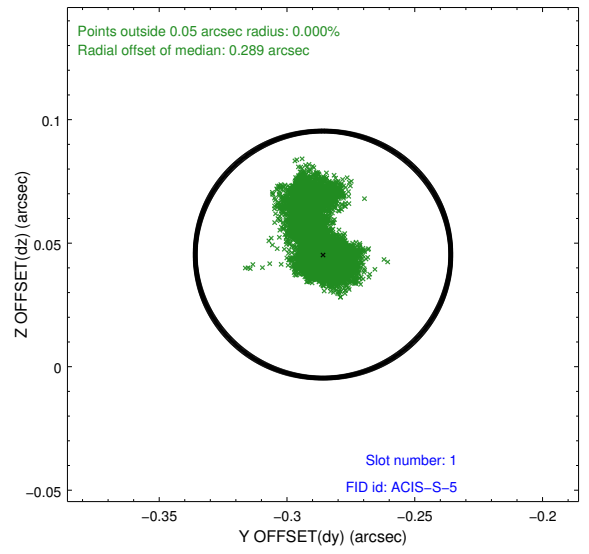
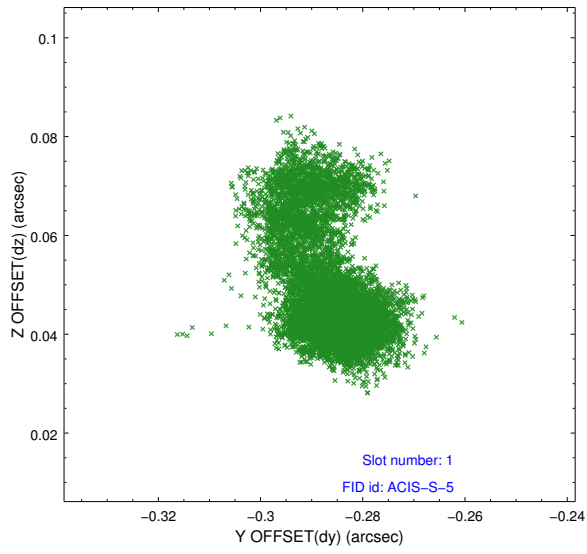


2.5 FID Slots

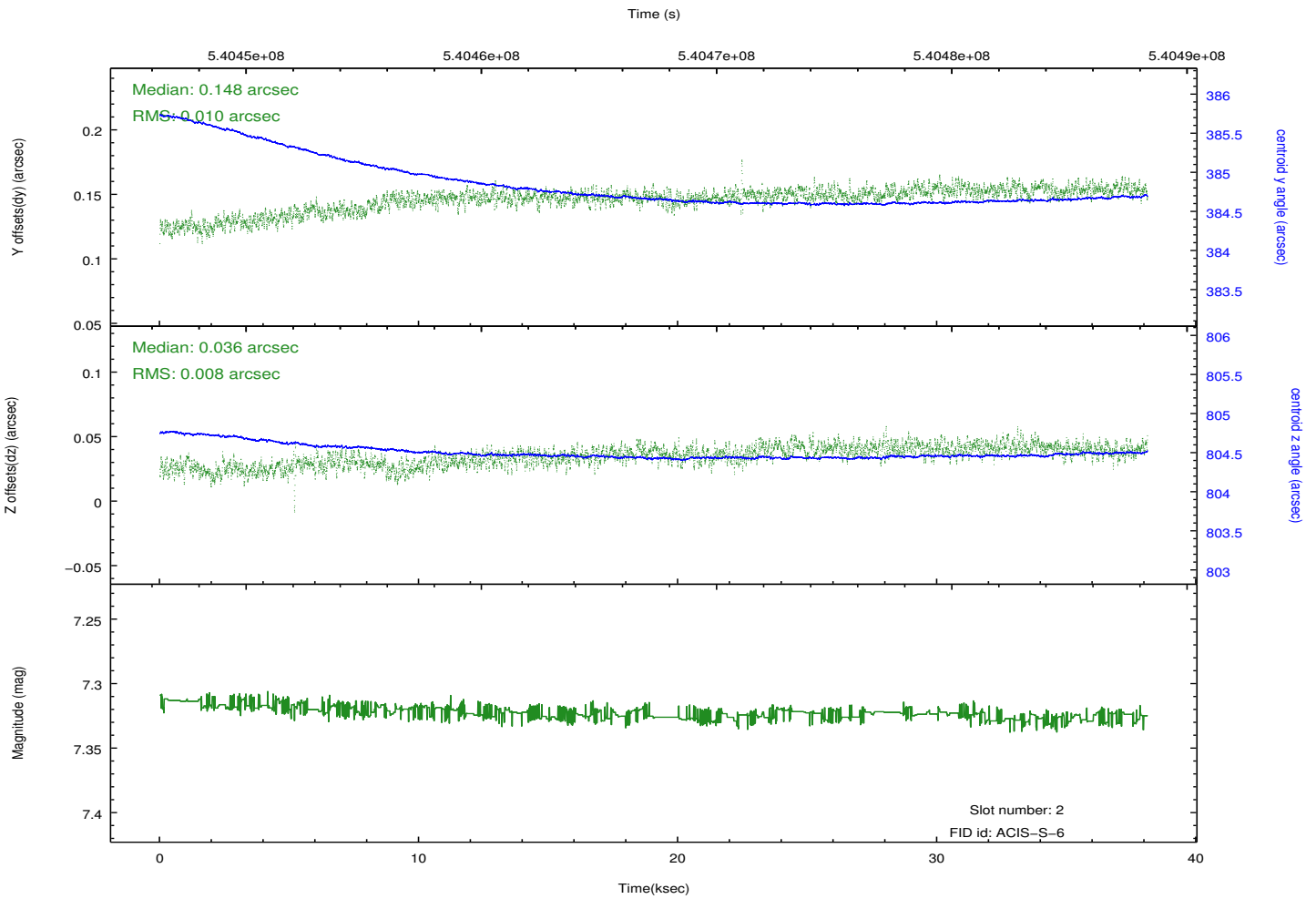
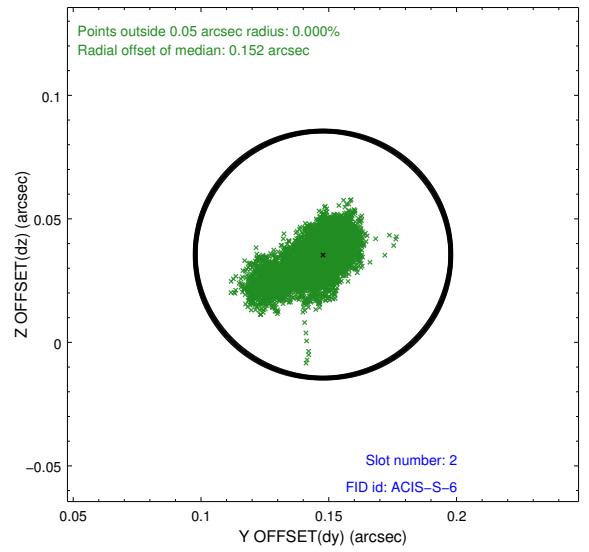
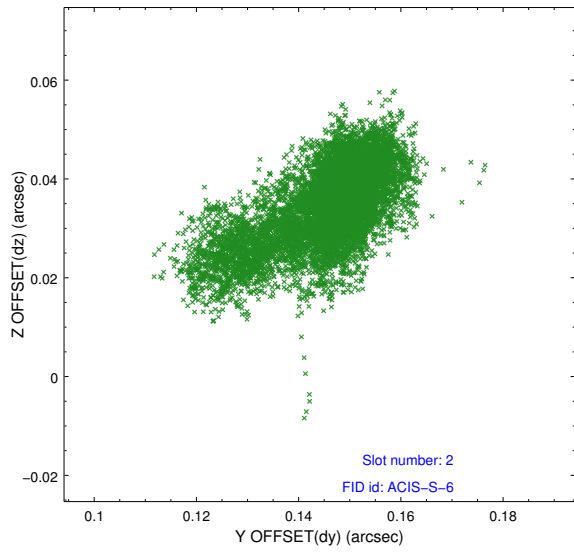
2.5.1 Slot 0



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)	2015.02.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.074200292945

A.2 Comments