

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10374 - L2 Version 2
Chandra X-Ray Center

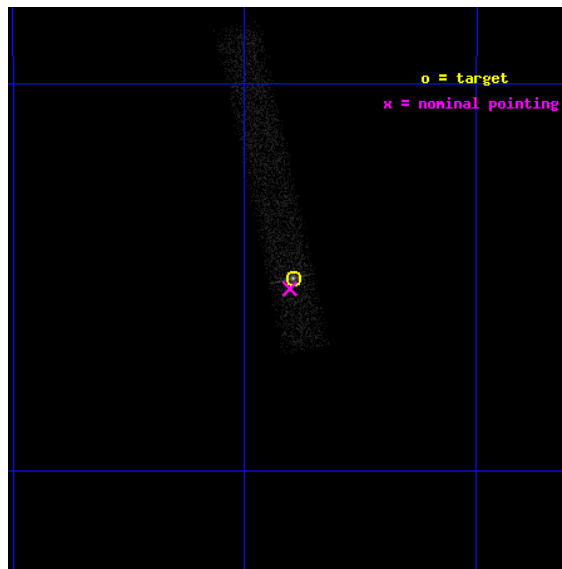
L2 Processing Date : Jun 2 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

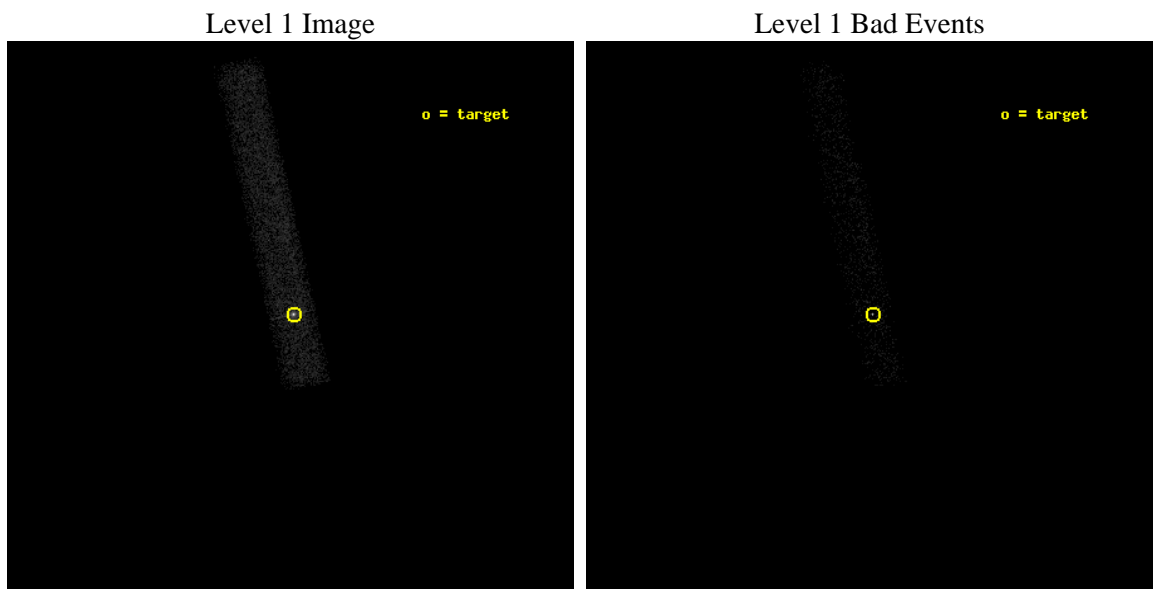
seq_num	701917	Sequence number
obs_id	10374	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	0402-362	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	60.97375	Observer's specified target RA [deg]
dec_targ	-36.083861	Observer's specified target Dec [deg]
ra_nom	60.975696281437	Nominal RA [deg]
dec_nom	-36.088457004689	Nominal Dec [deg]
roll_nom	257.65777505096	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6155.5996330976	Sum of GTIs [s]
livetime	5582.8039480298	Livetime [s]
ontime7	6155.5996330976	Sum of GTIs [s]
l2events	14047	Number of level 2 events



2 OBI

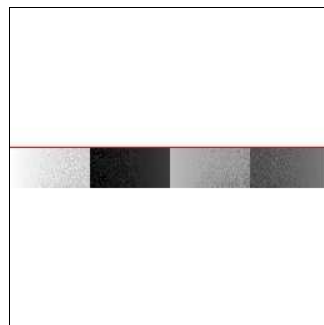
2.1 OBI

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	6155.5996330976	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	6155.5996330976	Sum of GTIs [s]
date	2012-06-02T14:59:06	Date and time of file creation	l1events	24326	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

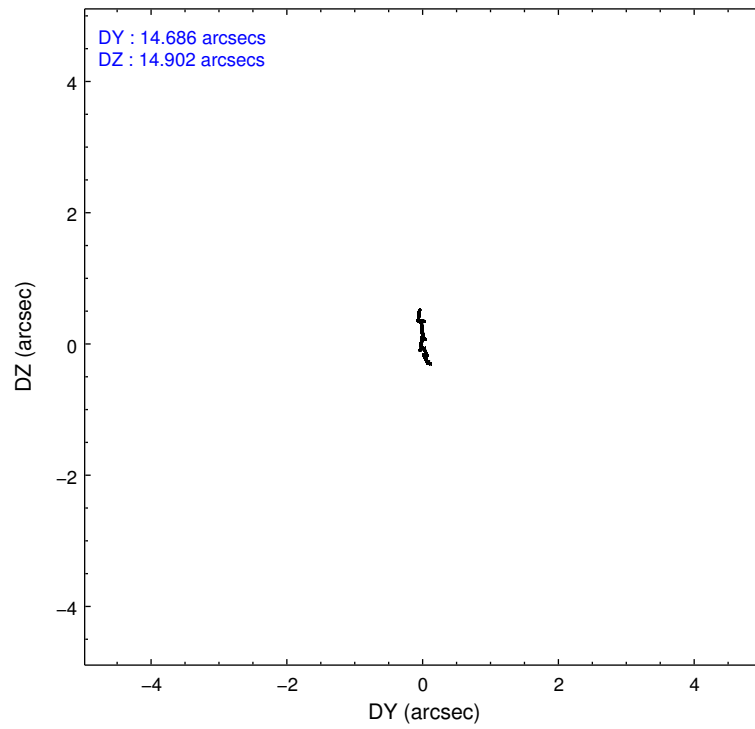
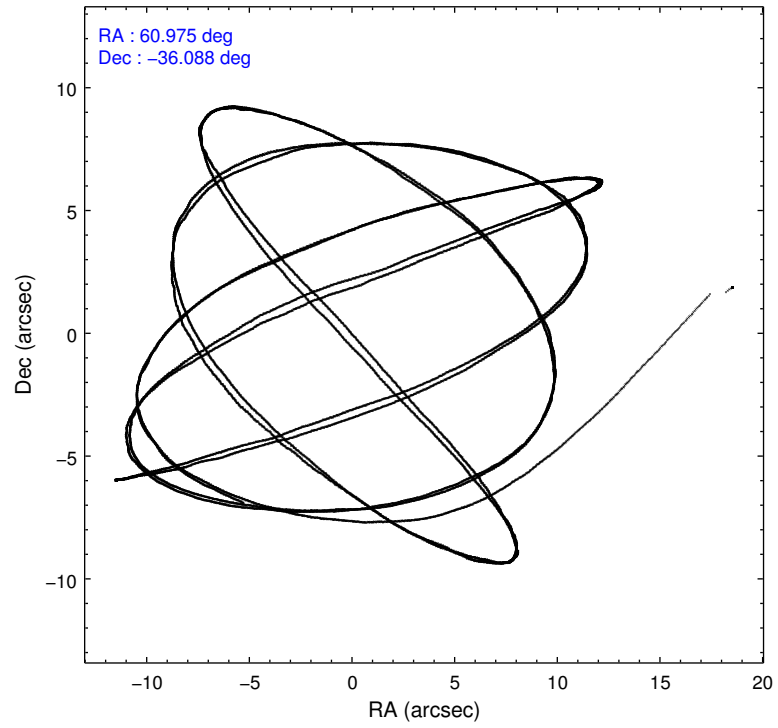
	ccd 7
level 1 events	24326
rejected events	10076
rejected %	41%

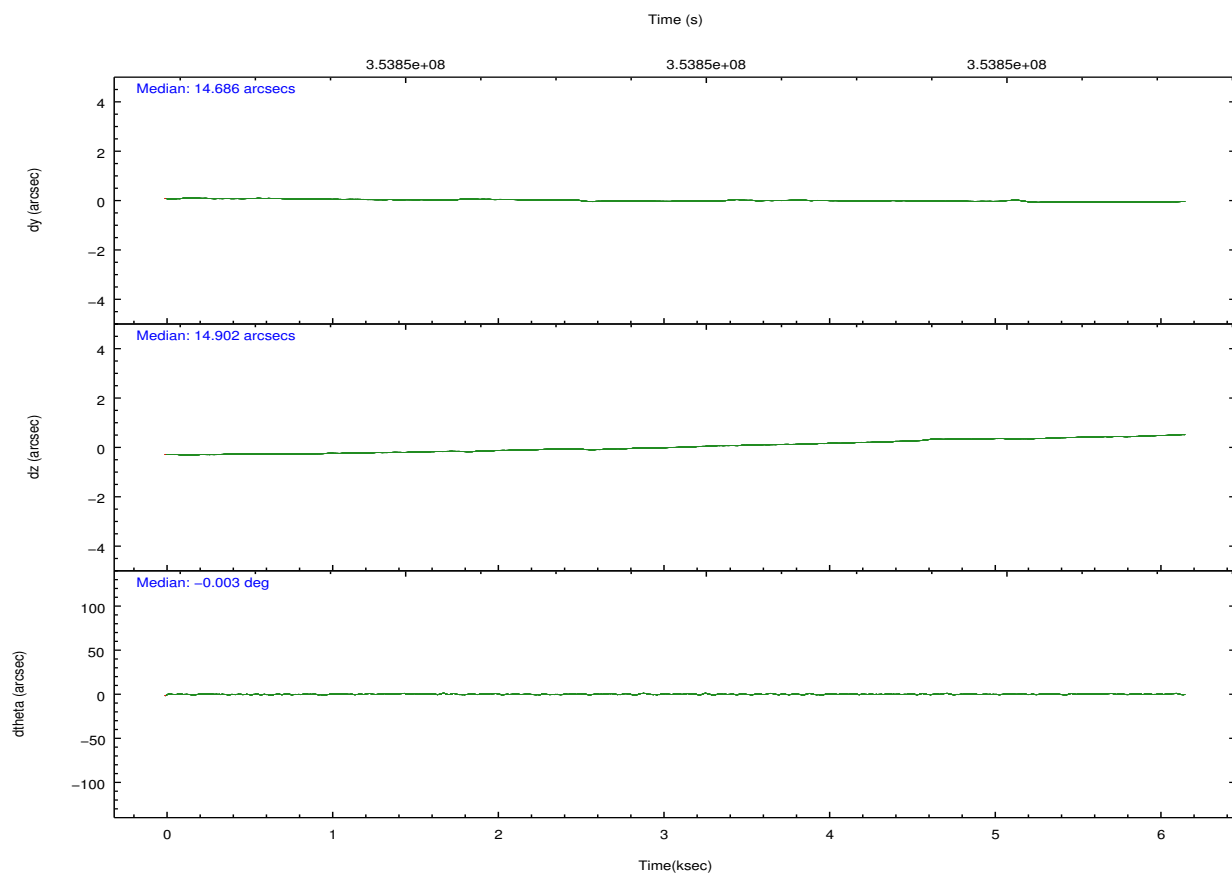
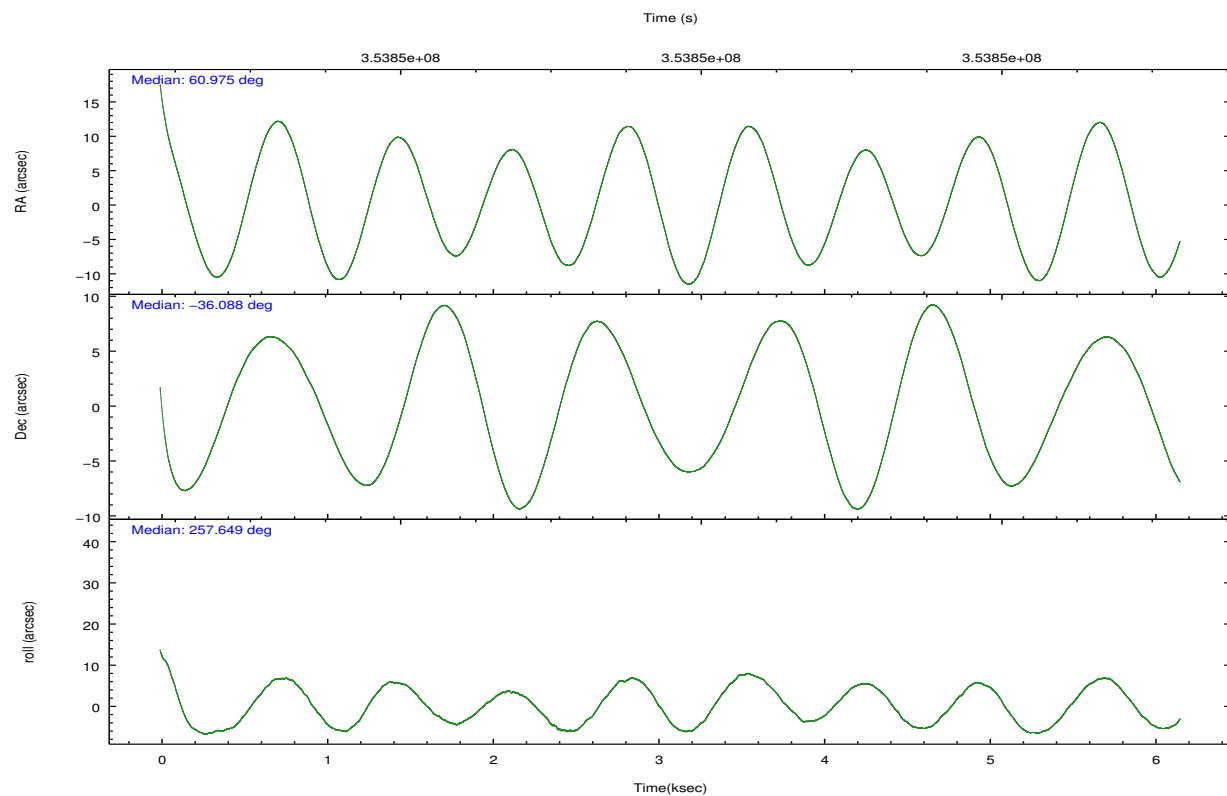
	ccd 7
grade 0 events	2800
	11%
grade 1 events	137
	0%
grade 2 events	3458
	14%
grade 3 events	1823
	7%
grade 4 events	1744
	7%
grade 5 events	1871
	7%
grade 6 events	5628
	23%
grade 7 events	6865
	28%

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	60.965038	60.9756962814368	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-36.062496	-36.0884570046887	Subarray start row	449	449
[deg] Pointing Roll	257.494880	257.6577750509616	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)	353846865.184000	353845538.76682			
Observation start date	2009-03-19T10:46:39	2009-03-19T10:25:38			
[s] Observation end time (MET)	353852865.184000	353853925.82973			
Observation end date	2009-03-19T12:26:39	2009-03-19T12:45:25			
Read mode	TIMED	TIMED			

2.3 Aspect



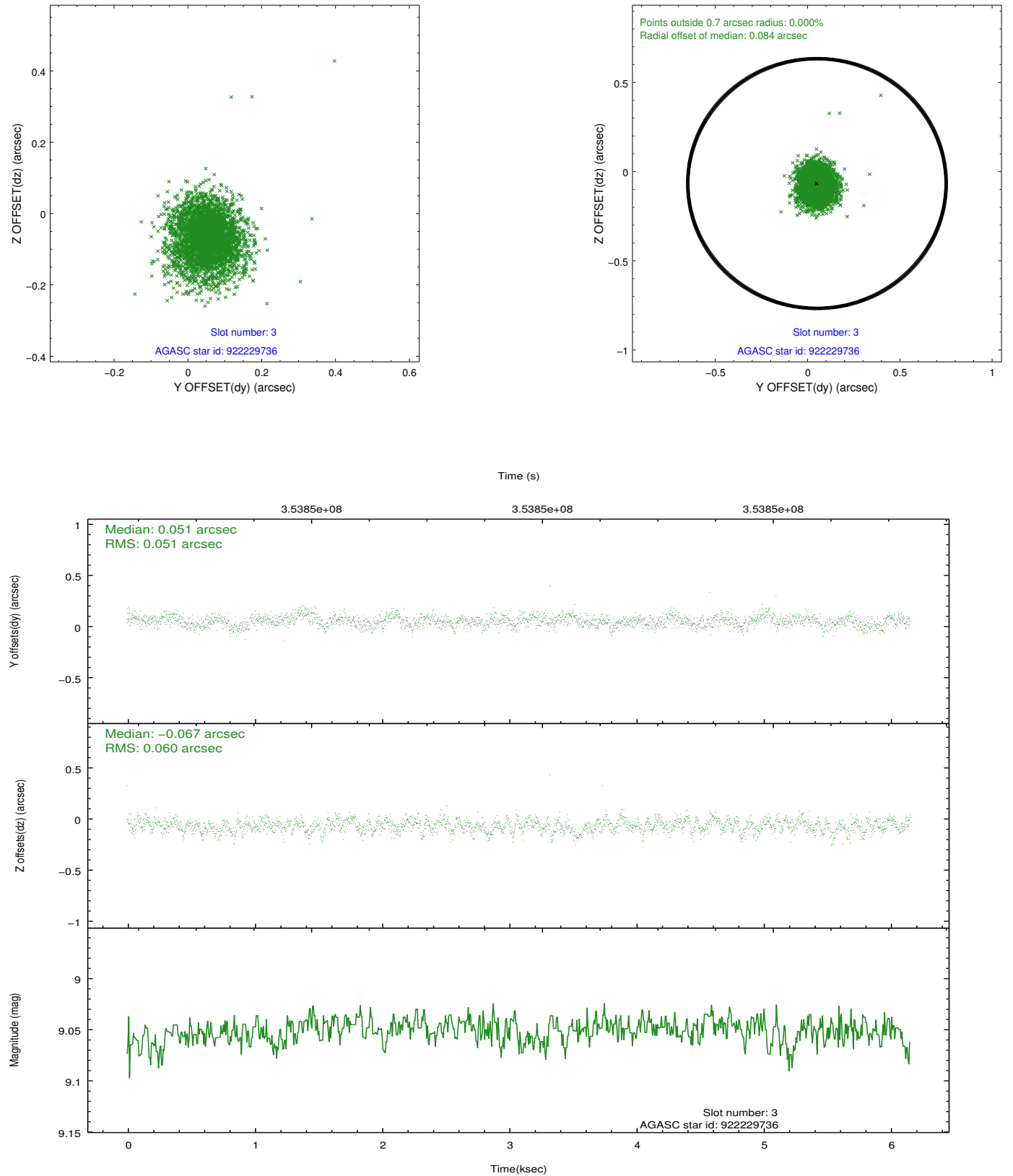


Slot Statistics

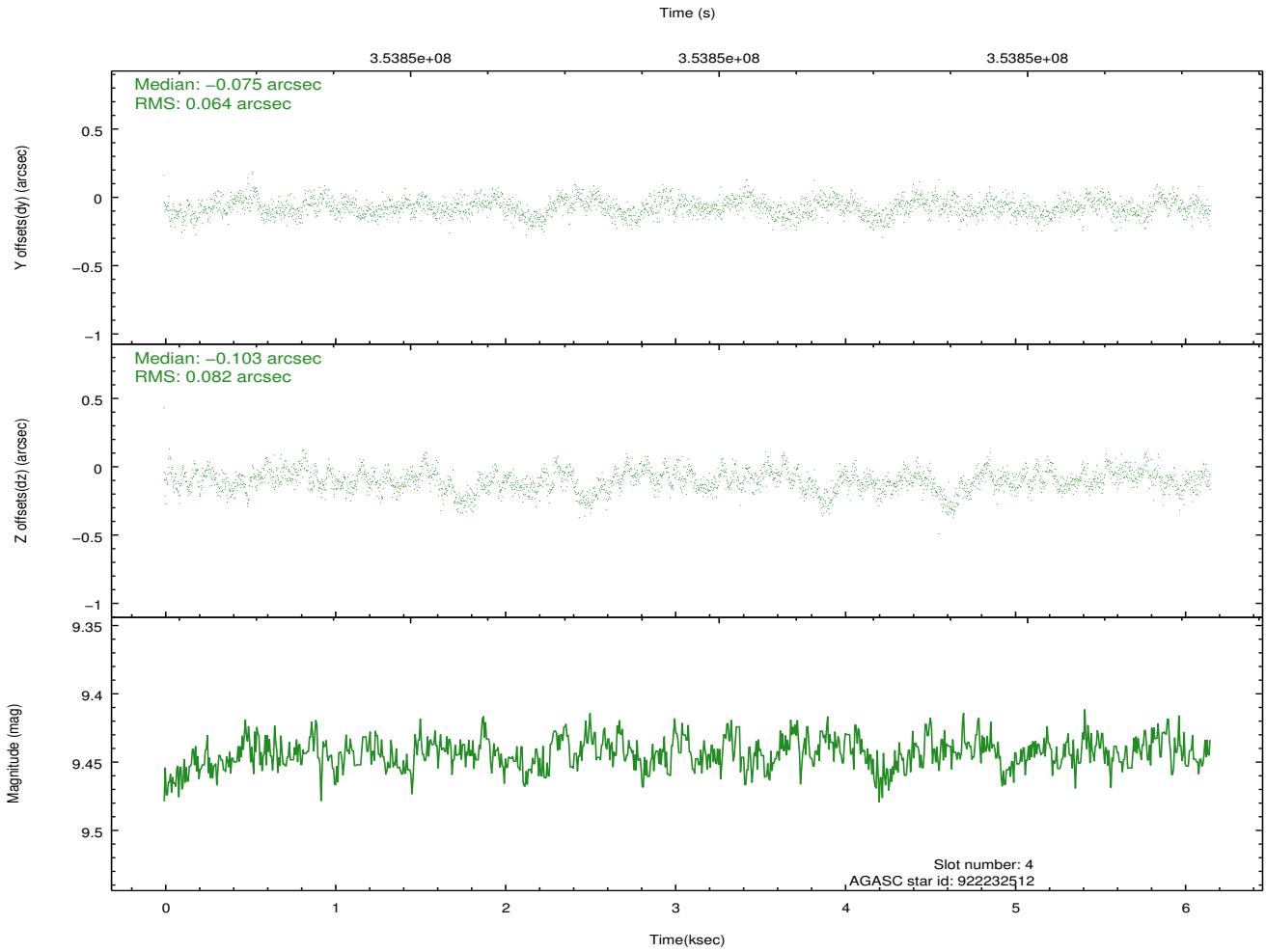
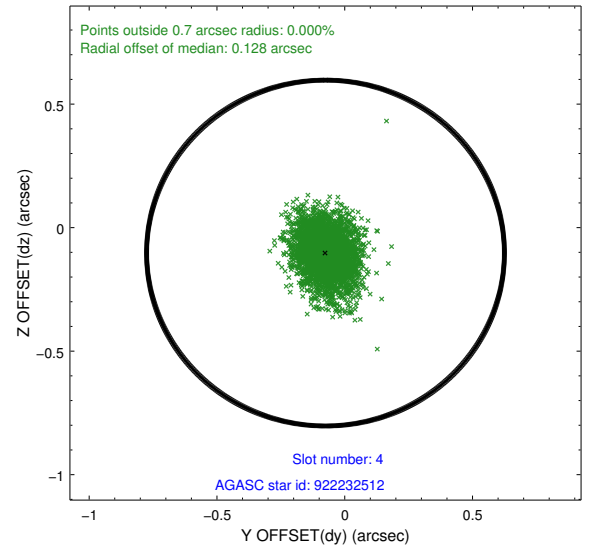
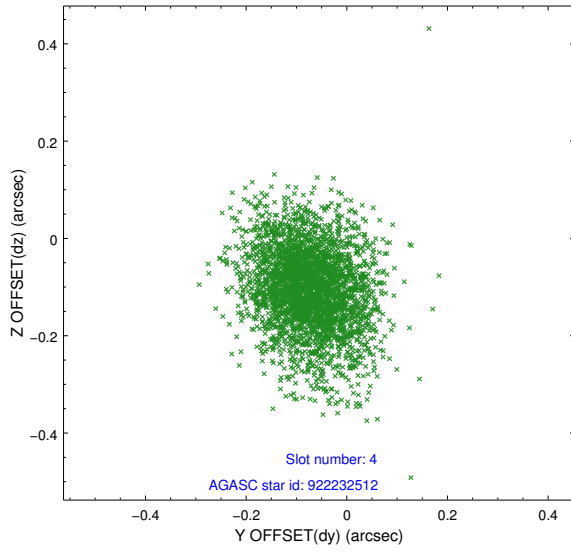
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	1502	-0.113	-0.066	0.006	0.010	0.000000	0.000000	-767.80	-1736.33
1	FID	ACIS-S-4	7.00	1502	0.119	0.066	0.006	0.010	0.000000	0.000000	2145.30	171.24
2	FID	ACIS-S-6	7.14	1502	-0.033	0.007	0.007	0.012	0.000000	0.000000	395.54	809.70
3	GUIDE	922229736	9.05	3003	0.051	-0.067	0.082	0.134	60.223857	-36.178047	880.94	-2010.04
4	GUIDE	922232512	9.44	2993	-0.075	-0.103	0.109	0.184	60.127206	-36.309752	1406.34	-2177.87
5	GUIDE	922233688	9.13	3002	0.143	0.073	0.086	0.141	60.525449	-36.616926	2228.72	-807.31
6	GUIDE	922230712	8.88	3000	-0.024	0.037	0.071	0.117	61.726422	-35.527677	-2353.83	1762.88
7	GUIDE	922228056	8.51	3003	-0.096	0.065	0.063	0.107	61.787483	-35.546883	-2324.92	1953.10

2.4 Star Slots

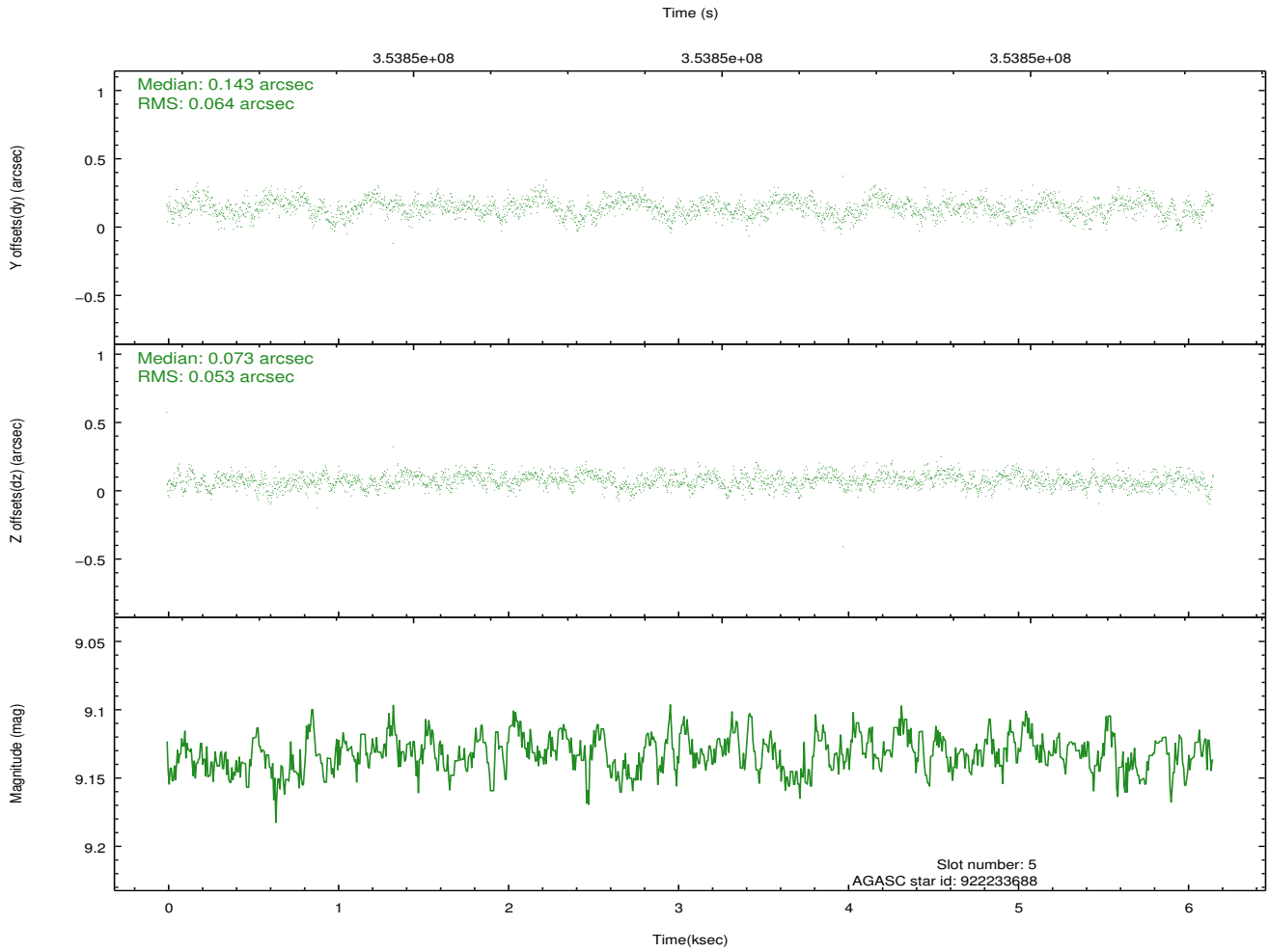
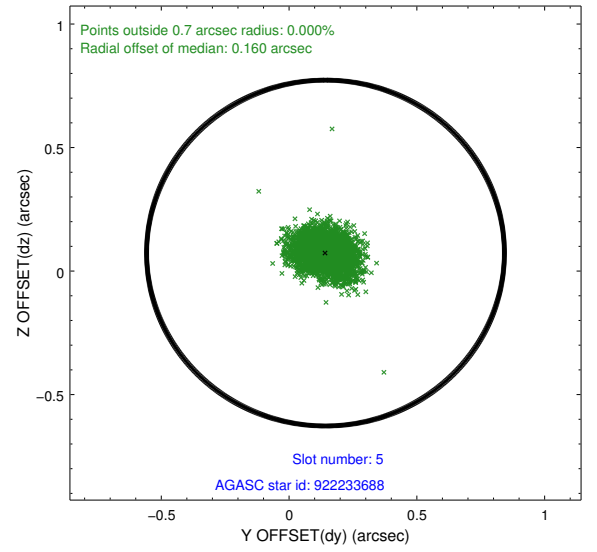
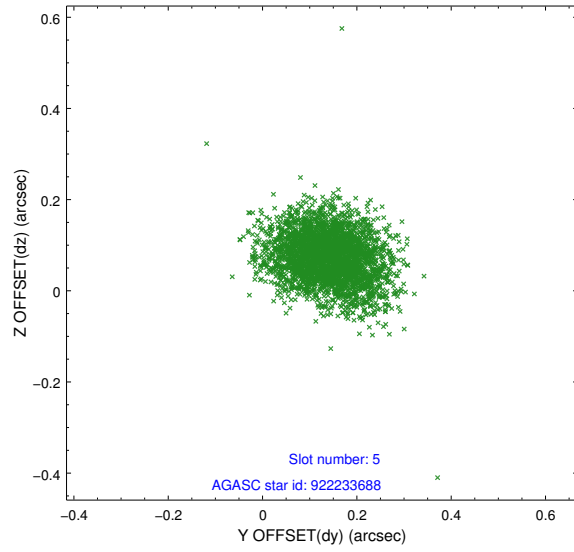
2.4.1 Slot 3



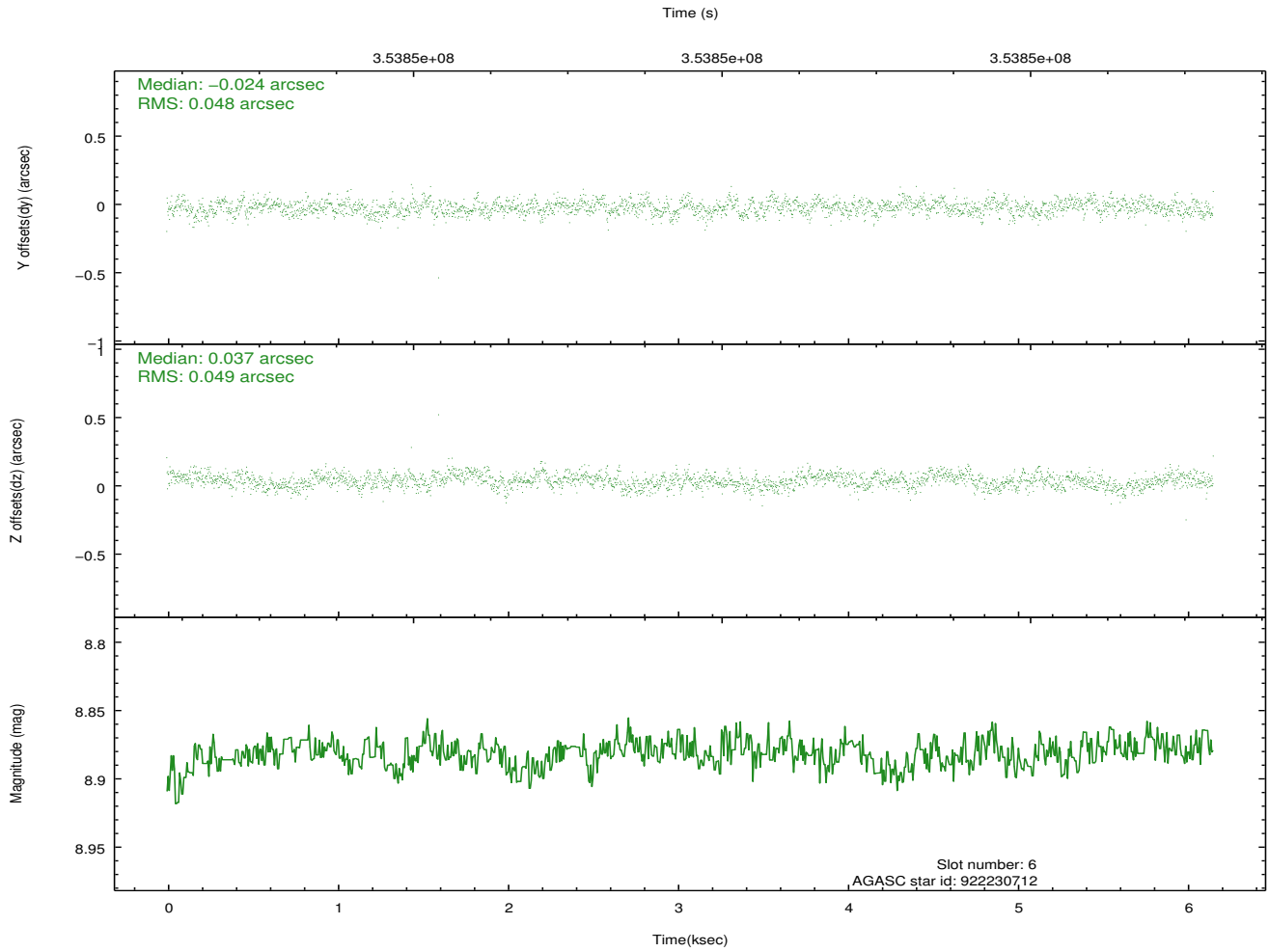
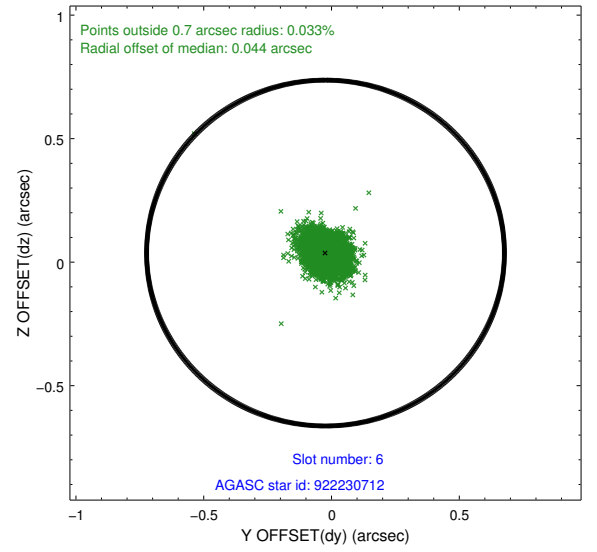
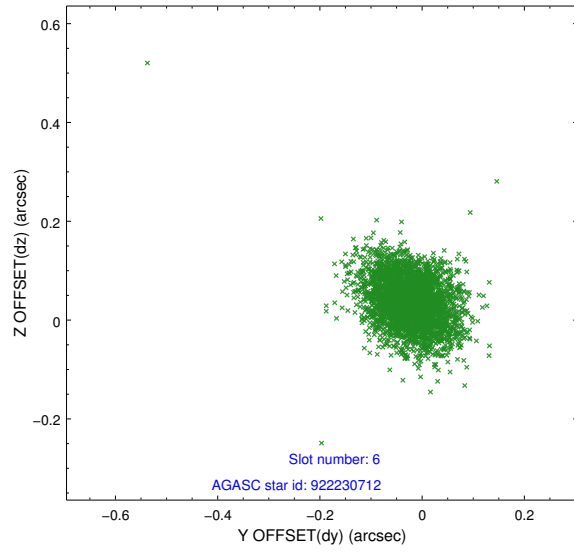
2.4.2 Slot 4



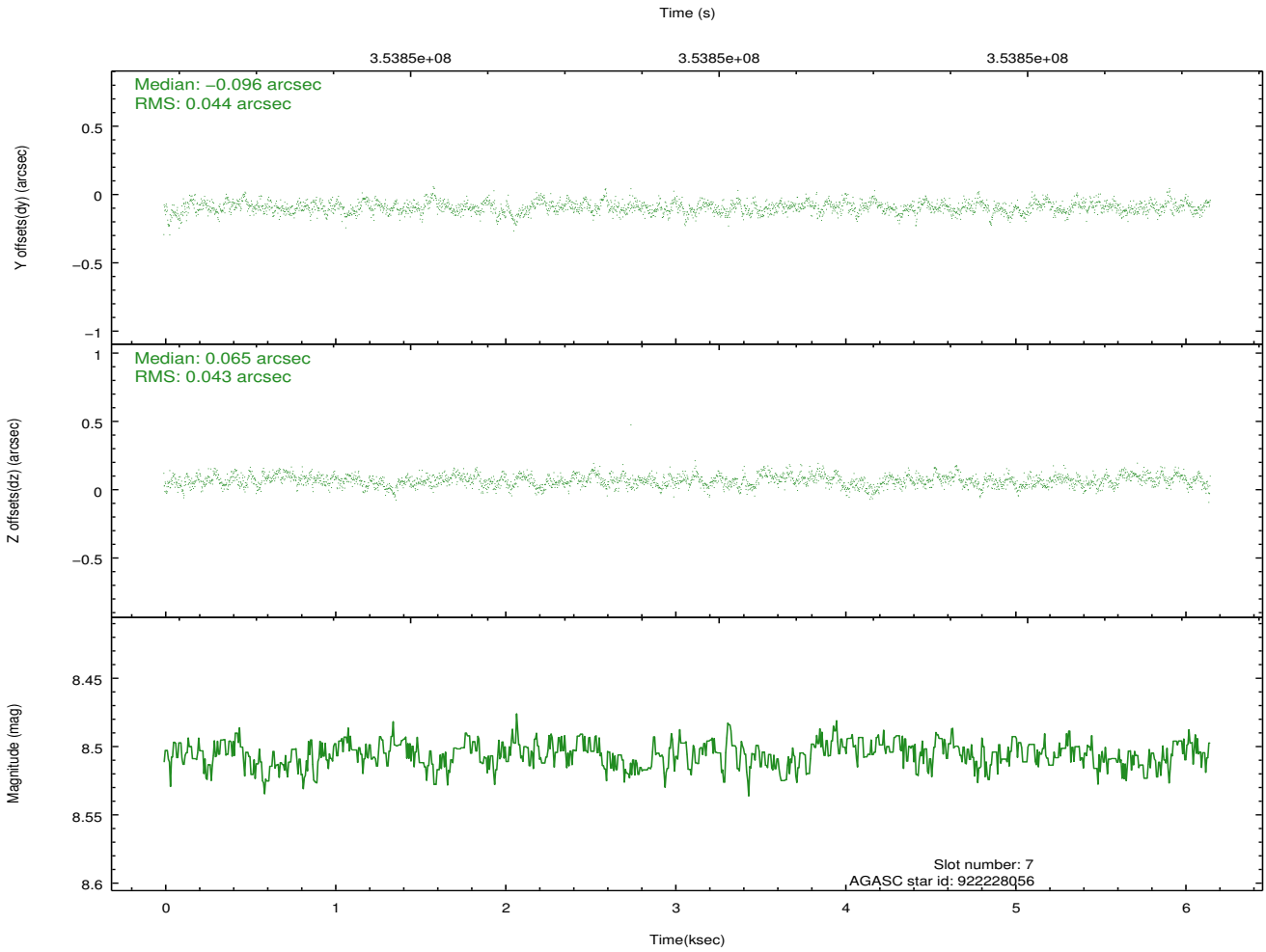
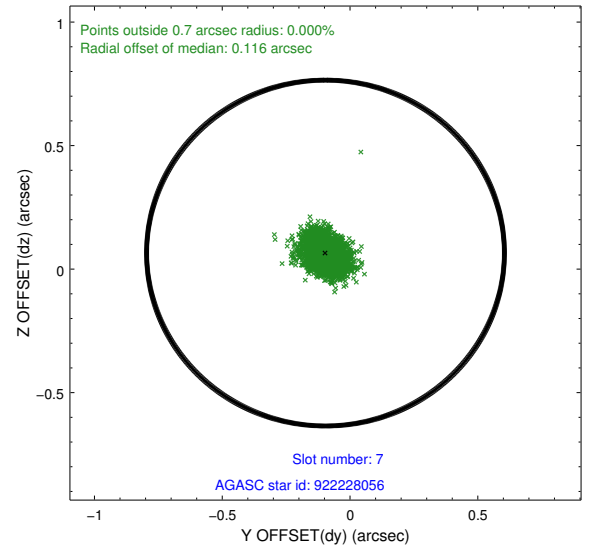
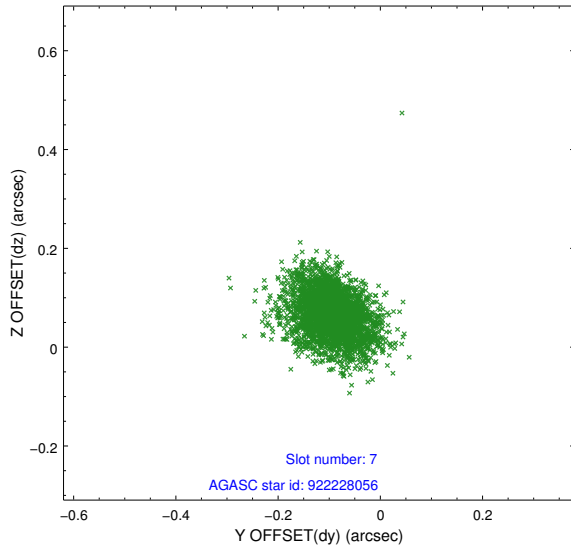
2.4.3 Slot 5



2.4.4 Slot 6

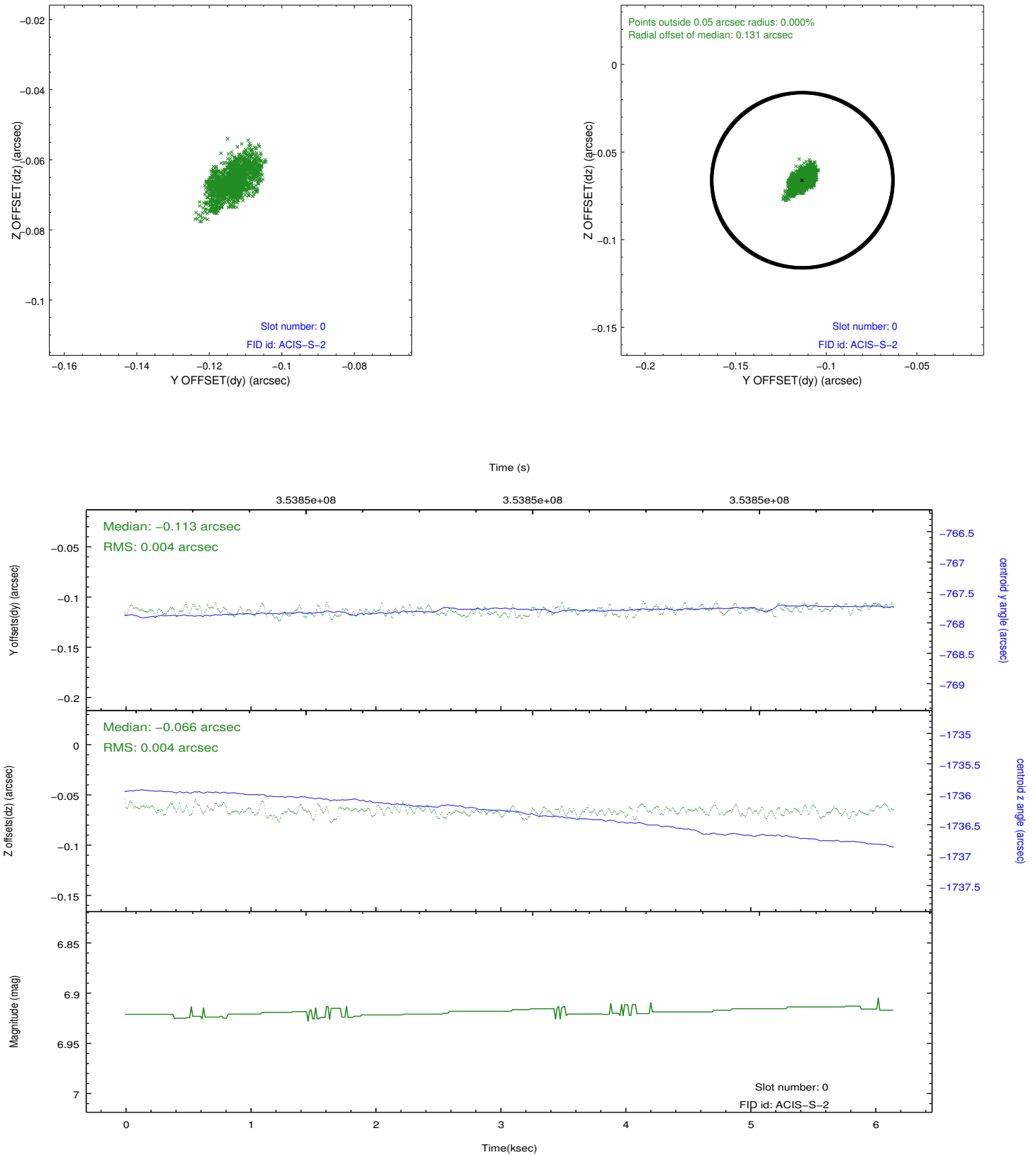


2.4.5 Slot 7

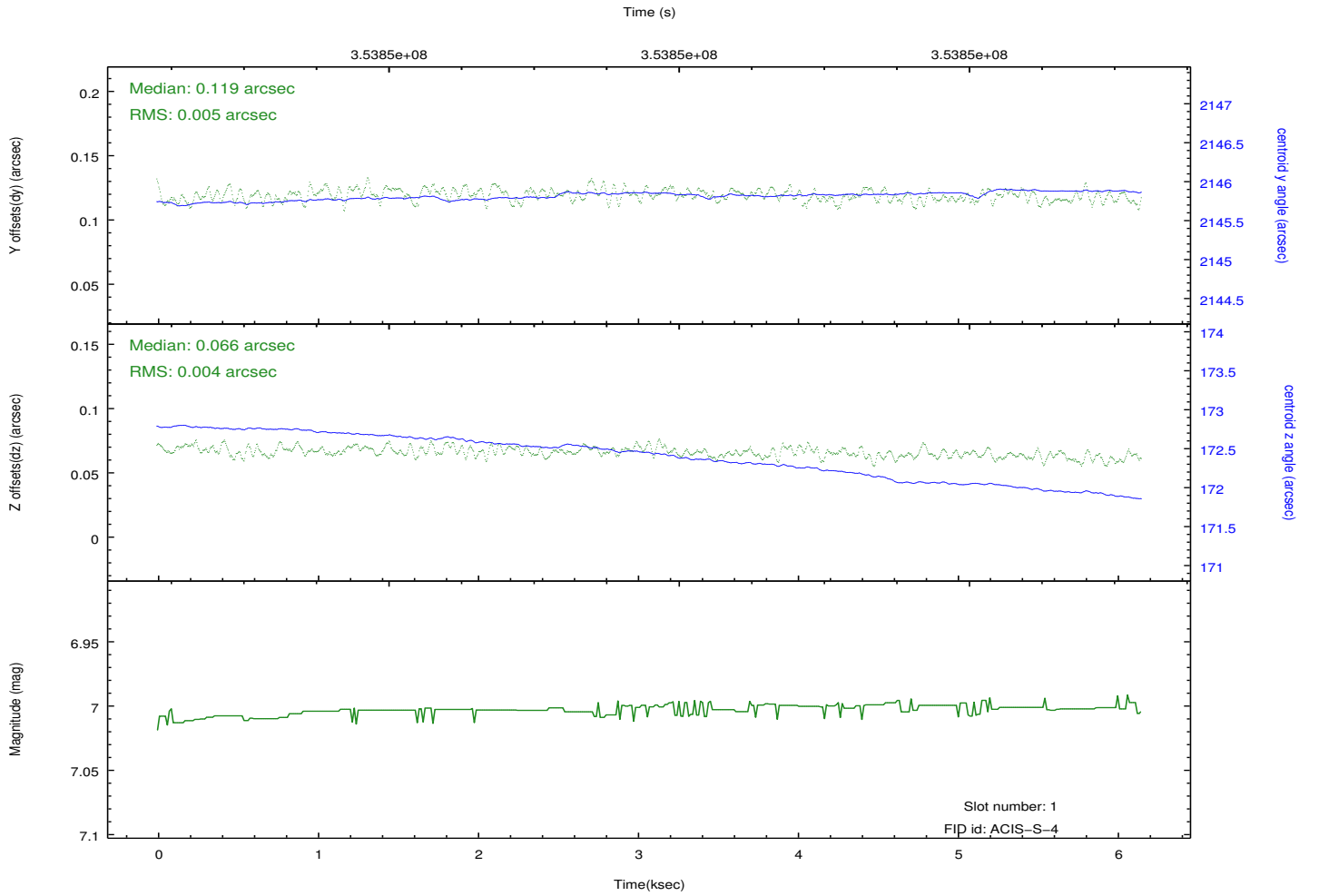
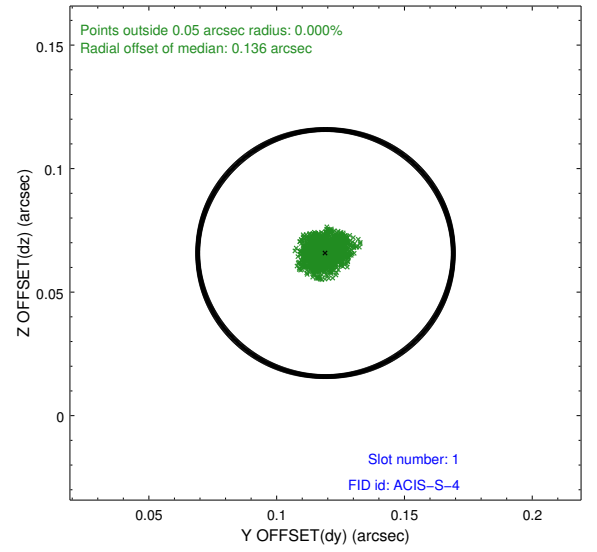
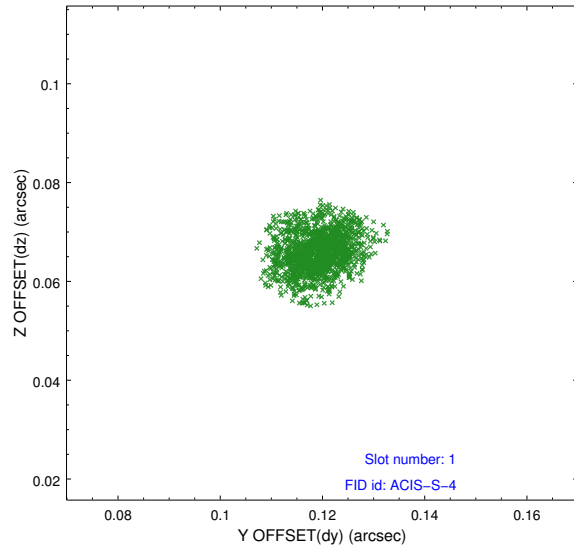


2.5 FID Slots

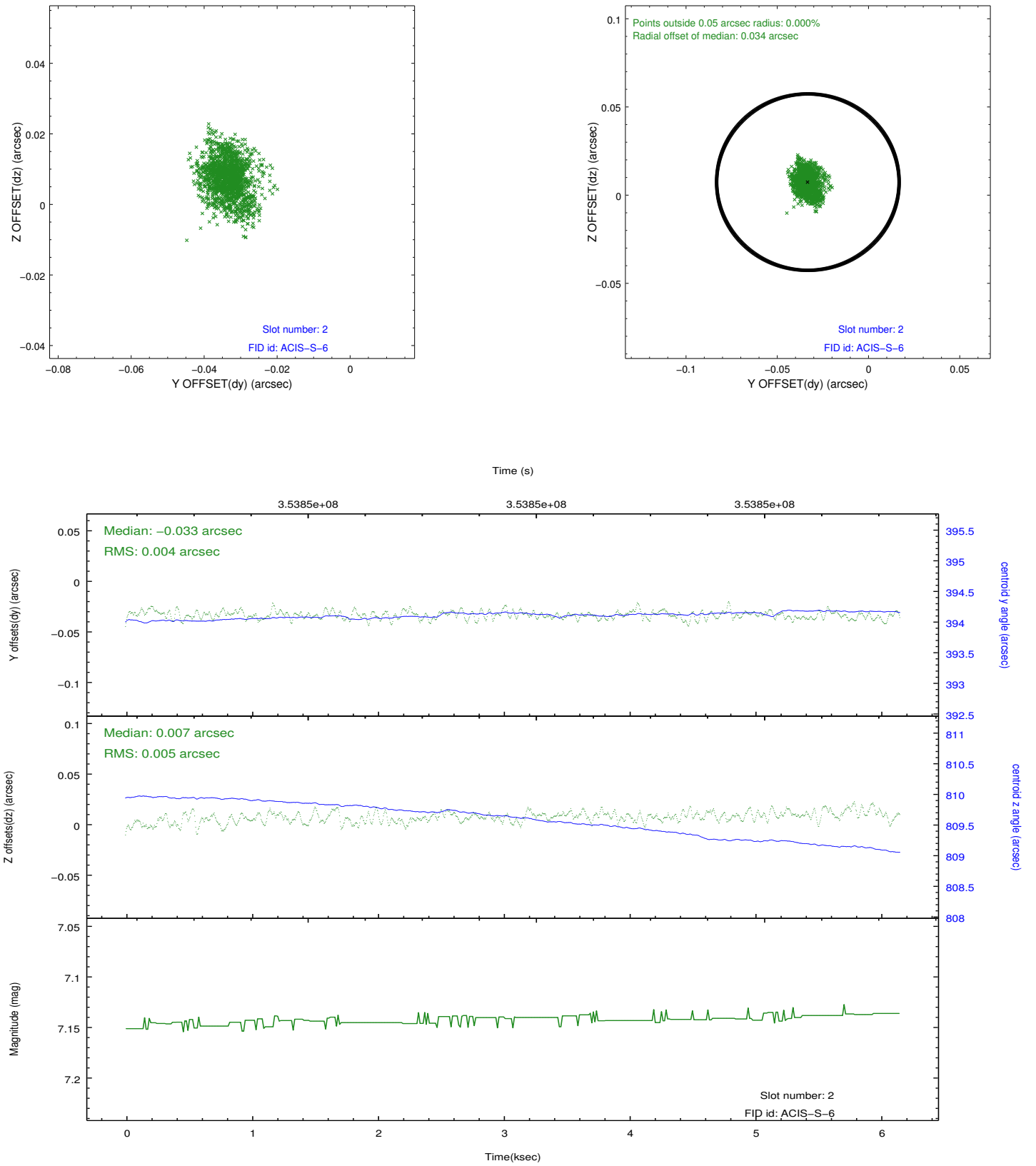
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.15559963

A.2 Comments