

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10996 - L2 Version 2
Chandra X-Ray Center

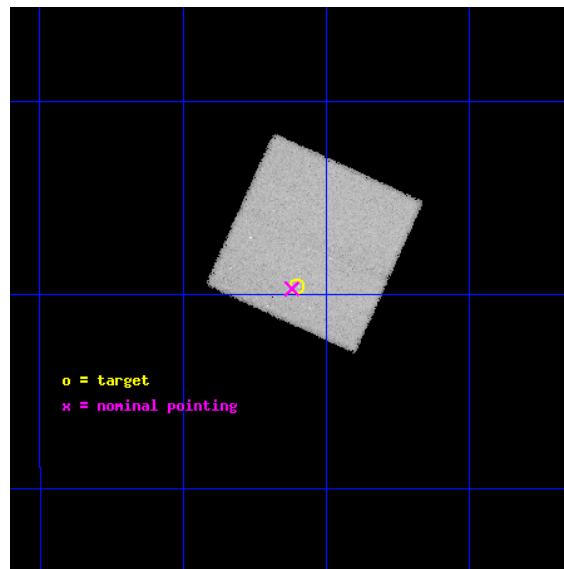
L2 Processing Date : Jun 22 2012

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1 Front

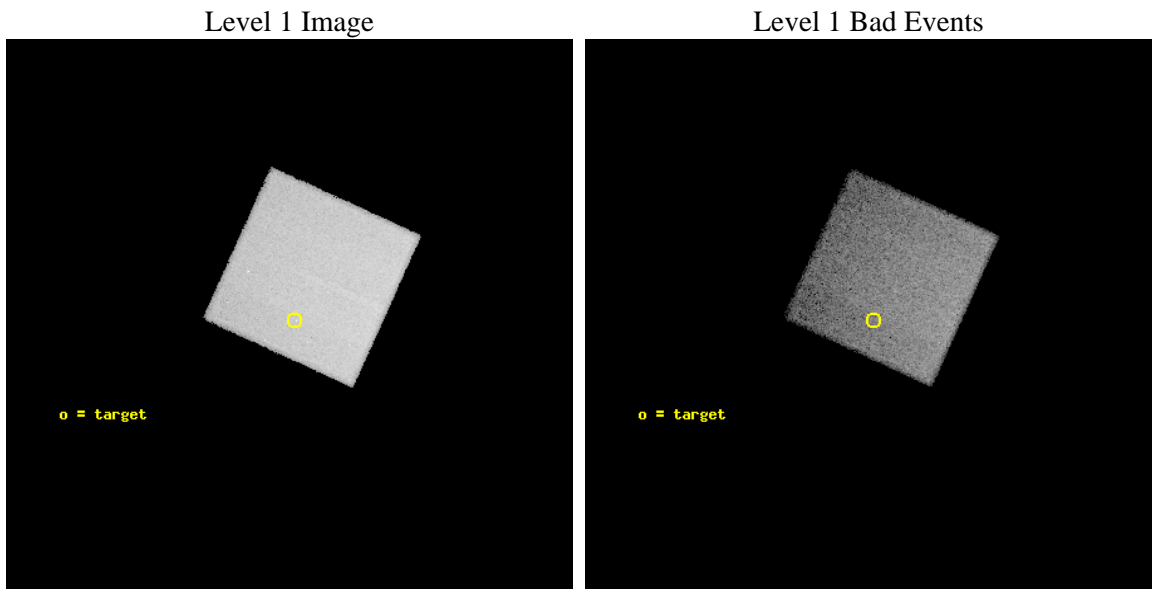
seq_num	200627	Sequence number
obs_id	10996	Observation id
title	Magnetic Heating of the Outer Atmospheres of Very Low Mass Dwarfs	
observer	Dr. rachel osten	Principal investigator
object	LHS 2065	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	133.400833	Observer's specified target RA [deg]
dec_targ	-3.49225	Observer's specified target Dec [deg]
ra_nom	133.40486885951	Nominal RA [deg]
dec_nom	-3.4949684639001	Nominal Dec [deg]
roll_nom	294.43442133754	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40079.770846546	Sum of GTIs [s]
livetime	39538.878982071	Livetime [s]
ontime7	40079.770846546	Sum of GTIs [s]
l2events	171627	Number of level 2 events



2 OBI

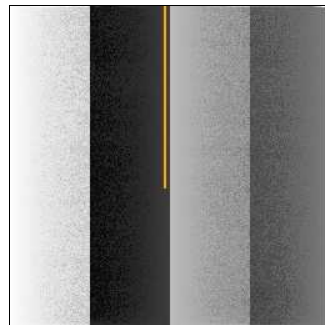
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	40000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	40079.770846546	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	40079.770846546	Sum of GTIs [s]
date	2012-06-22T03:59:47	Date and time of file creation	l1events	385291	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

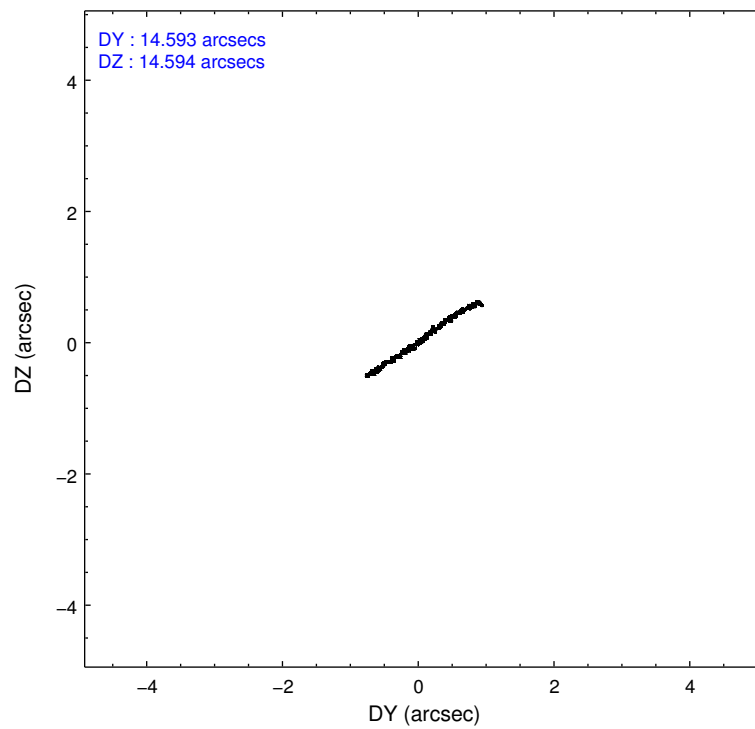
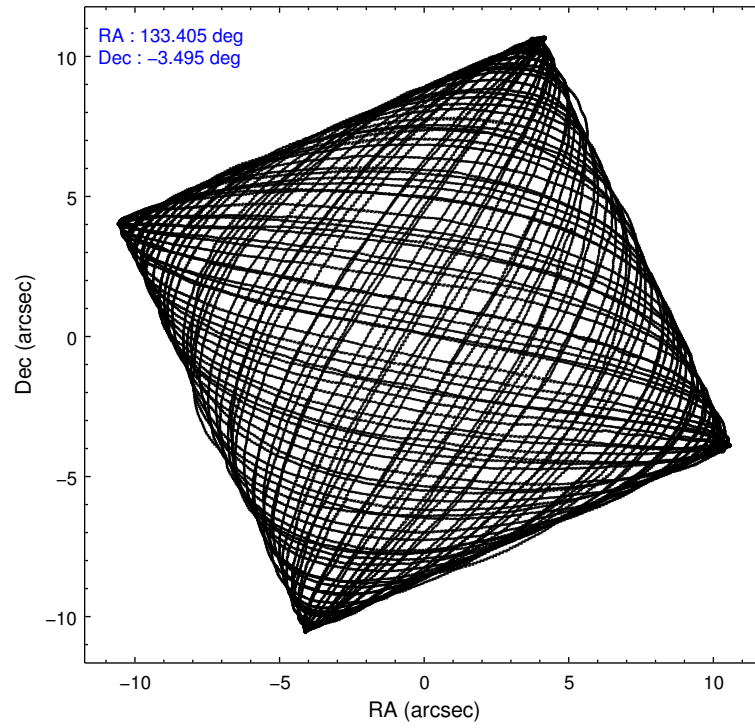
	ccd 7
level 1 events	385291
rejected events	208768
rejected %	54%

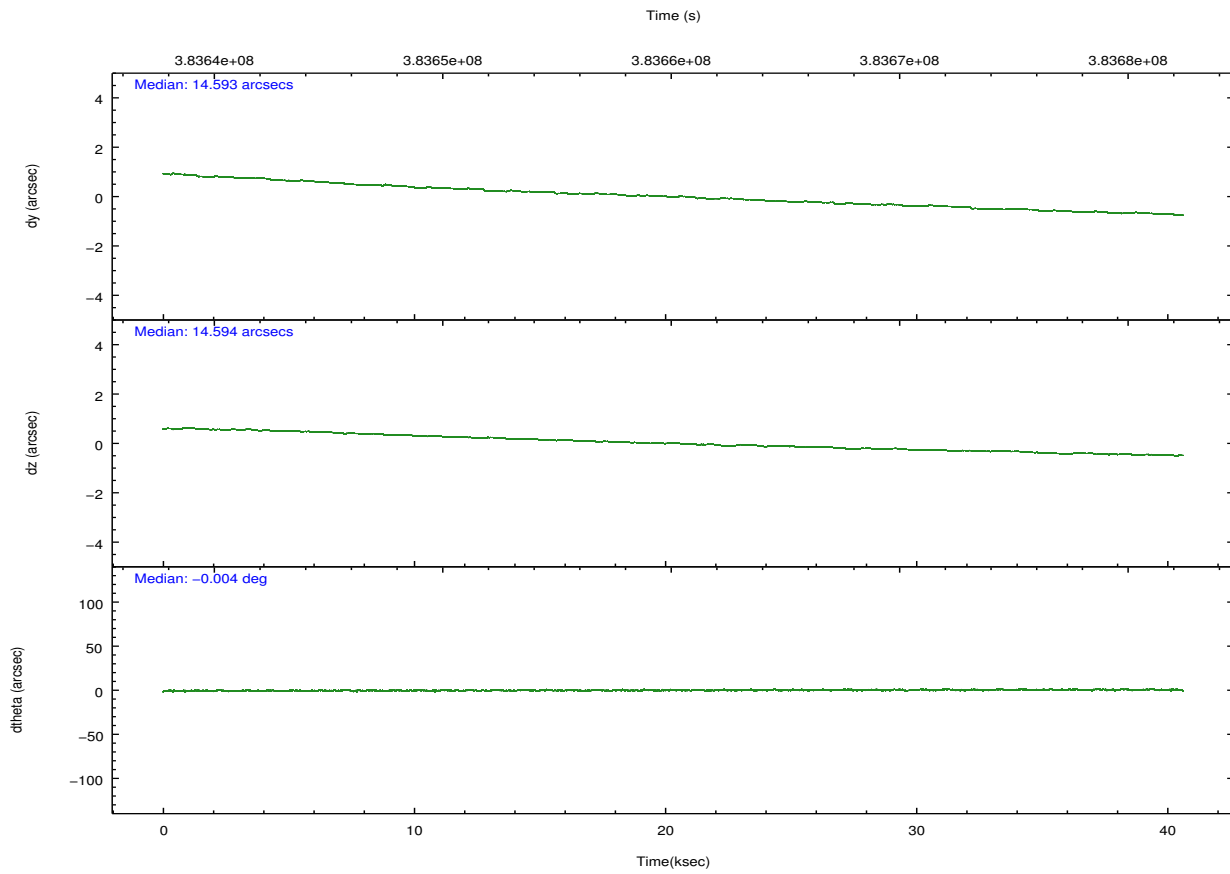
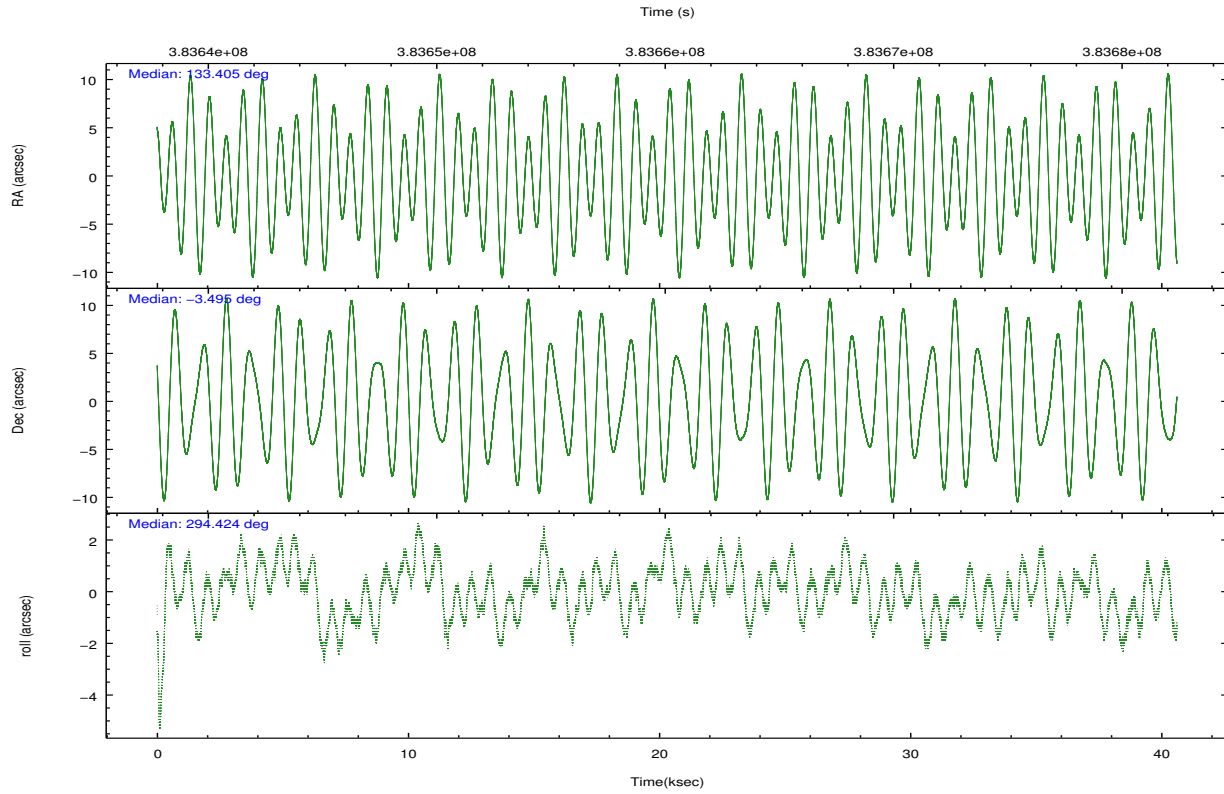
	ccd 7
grade 0 events	16222
	4%
grade 1 events	504
	0%
grade 2 events	35849
	9%
grade 3 events	15795
	4%
grade 4 events	15438
	4%
grade 5 events	40316
	10%
grade 6 events	93230
	24%
grade 7 events	167937
	43%

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	133.382367	133.4048688595142	Subarray requested	NONE	NONE
[deg] Pointing Dec	-3.479355	-3.494968463900077	Alternating exposures requested	N	N
[deg] Pointing Roll	294.276430	294.4344213375443	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	383640378.184000	383638951.83726			
Observation start date	2010-02-27T06:45:12	2010-02-27T06:22:31			
[s] Observation end time (MET)	383680378.184000	383681776.85193			
Observation end date	2010-02-27T17:51:52	2010-02-27T18:16:16			
Read mode	TIMED	TIMED			

2.3 Aspect



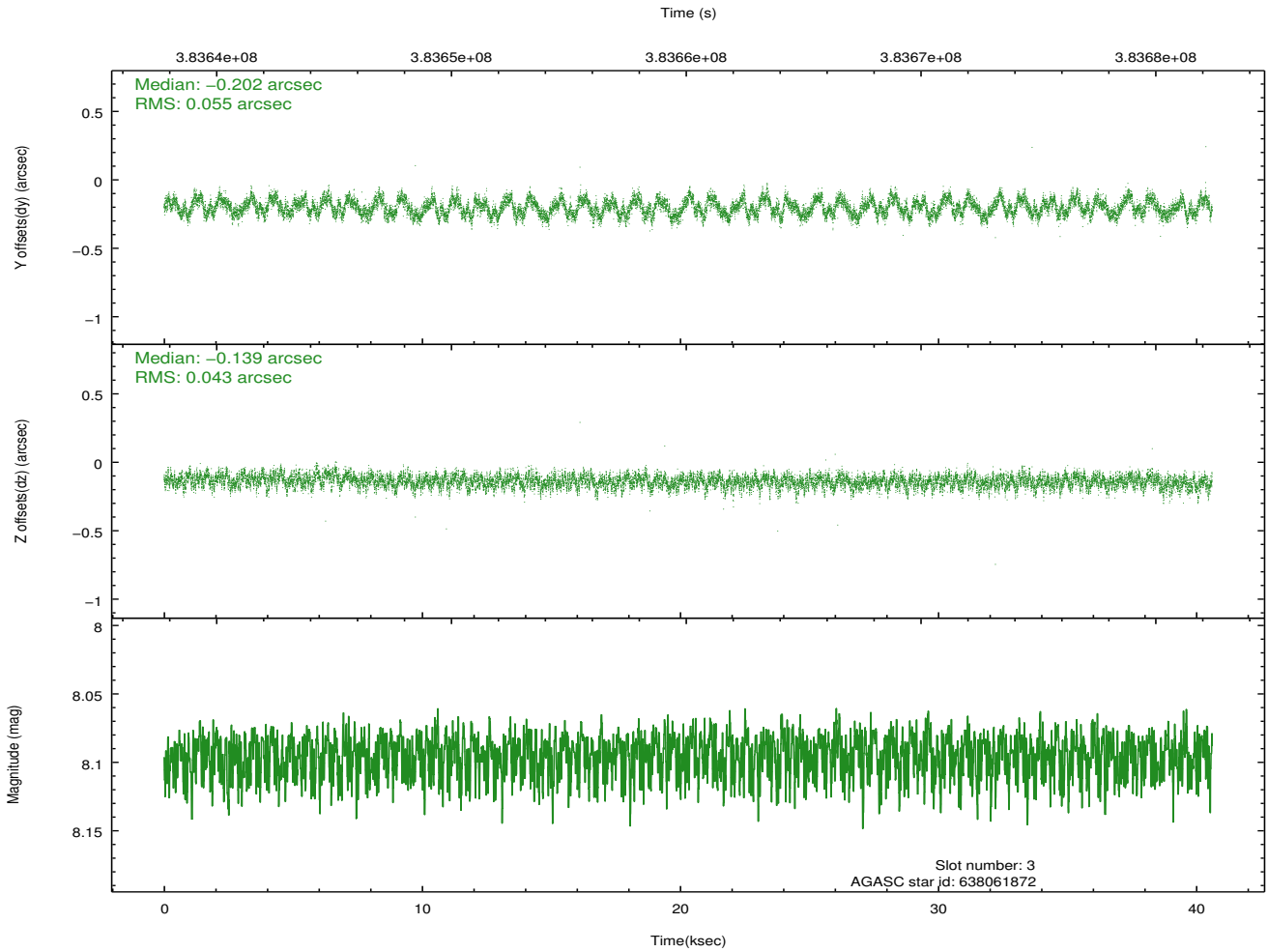
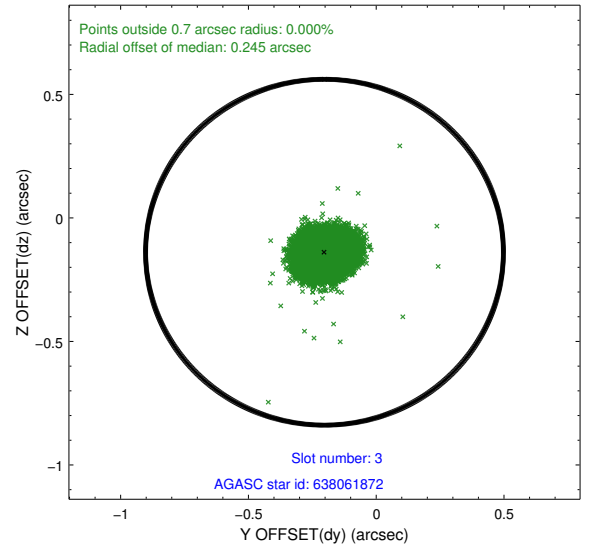
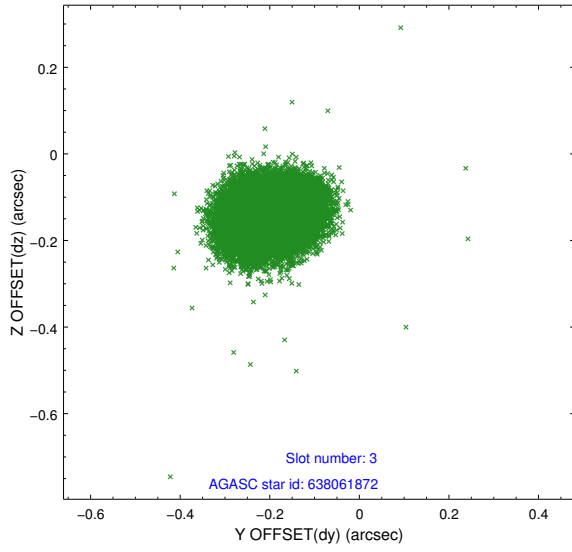


Slot Statistics

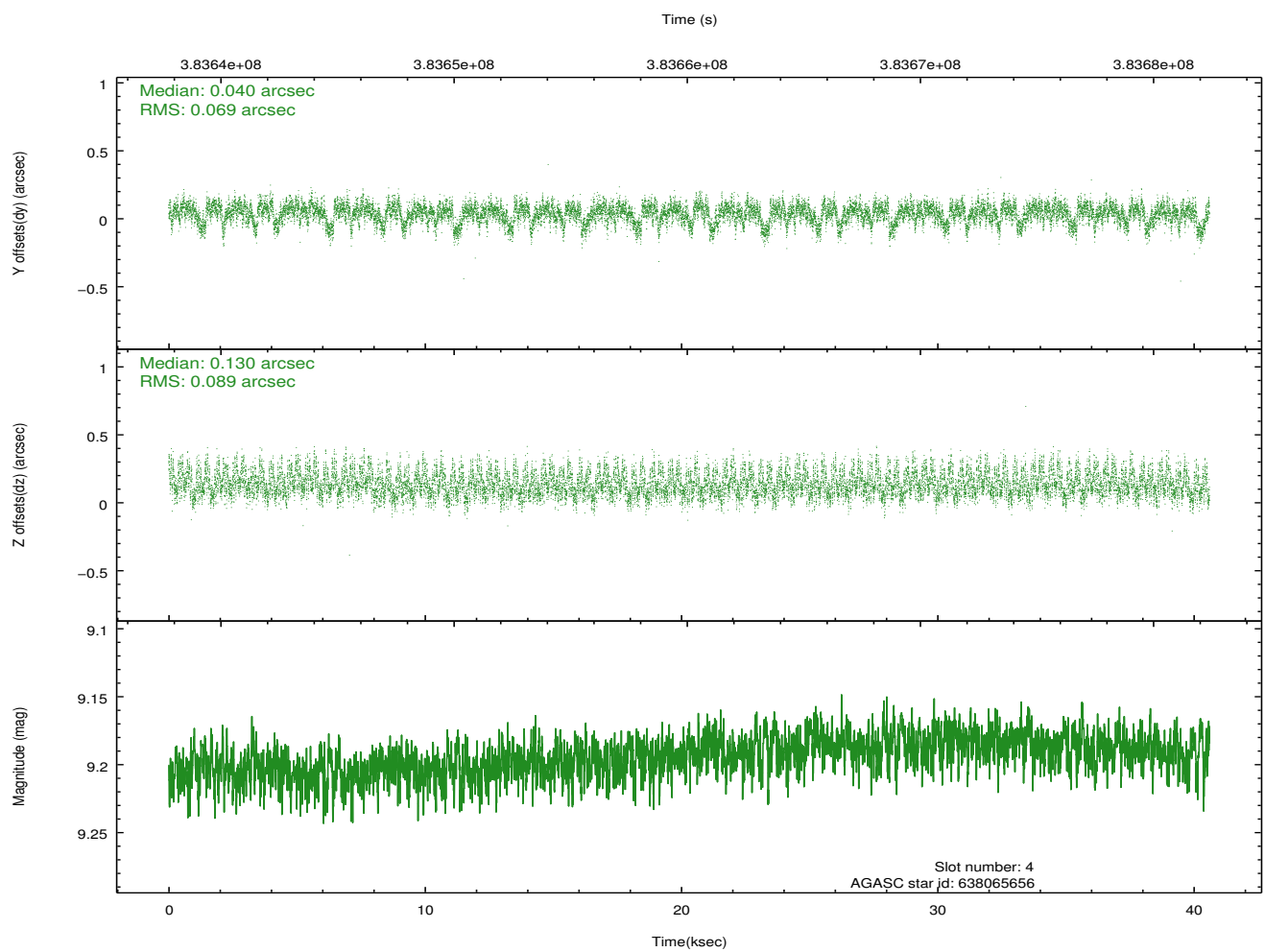
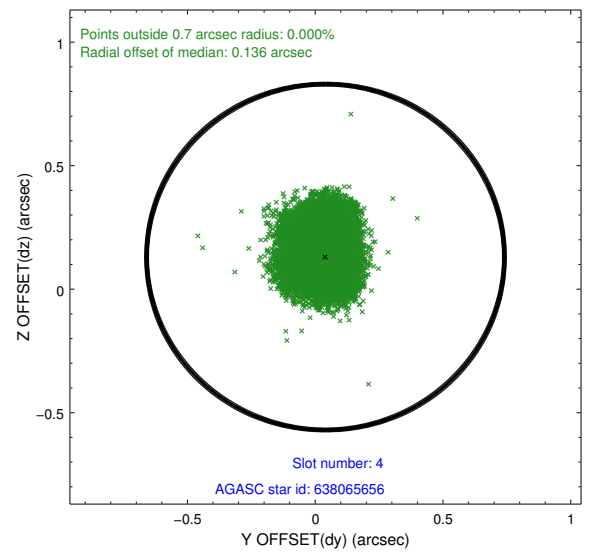
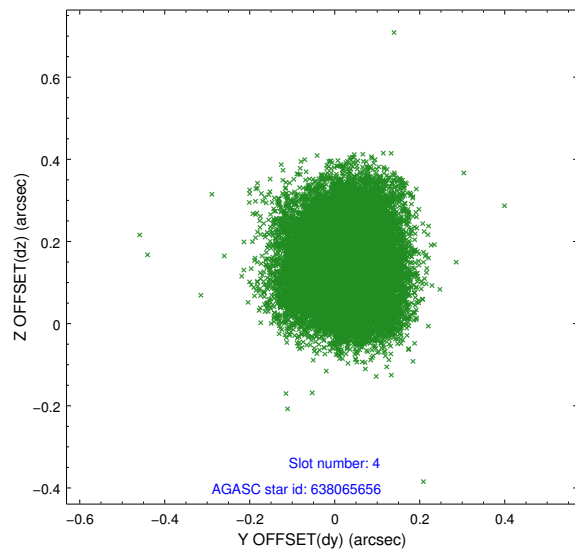
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	9906	-0.087	-0.043	0.025	0.035	0.000000	0.000000	-767.63	-1736.04
1	FID	ACIS-S-4	7.00	9904	0.200	0.053	0.015	0.025	0.000000	0.000000	2145.91	172.55
2	FID	ACIS-S-5	7.03	9906	-0.152	-0.000	0.018	0.045	0.000000	0.000000	-1820.54	166.15
3	GUIDE	638061872	8.09	19803	-0.202	-0.139	0.076	0.116	132.906348	-3.282525	-1348.76	-1268.67
4	GUIDE	638065656	9.19	19794	0.040	0.130	0.121	0.192	132.684878	-3.488070	-1000.76	-2298.19
5	GUIDE	638199040	6.87	19812	0.048	-0.053	0.059	0.094	133.844819	-3.147745	-404.14	2005.89
6	GUIDE	638203056	7.35	19806	-0.006	0.045	0.084	0.127	133.743263	-3.555580	783.48	1069.58
7	GUIDE	638714168	8.84	19726	0.123	0.010	0.086	0.137	133.301713	-4.158048	2108.60	-1268.16

2.4 Star Slots

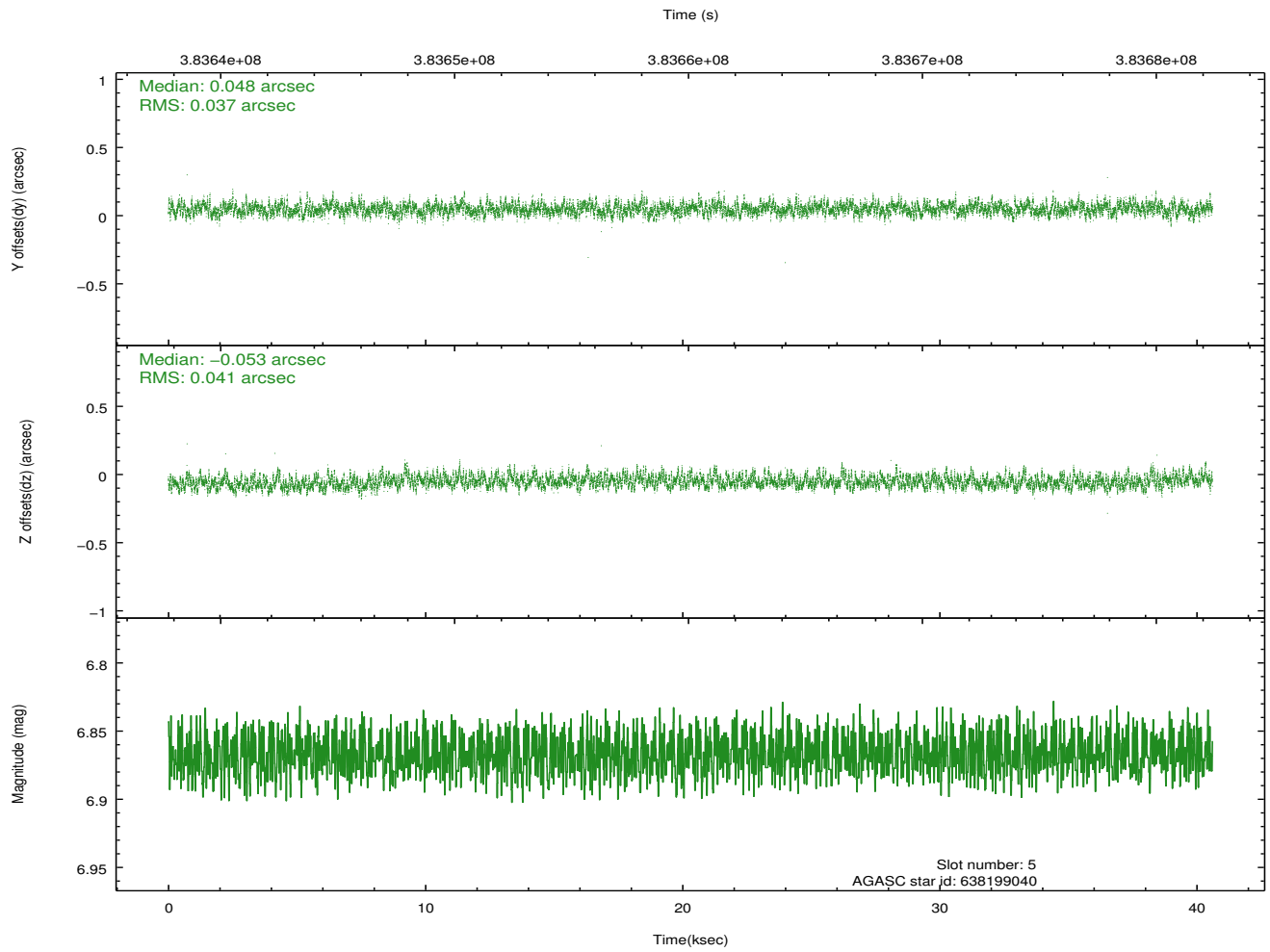
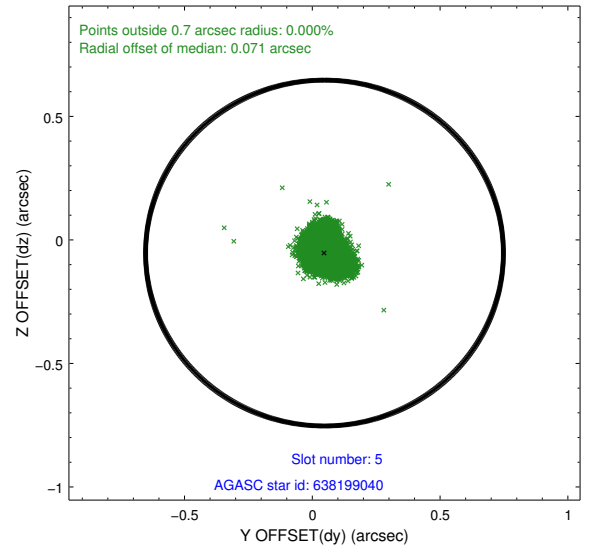
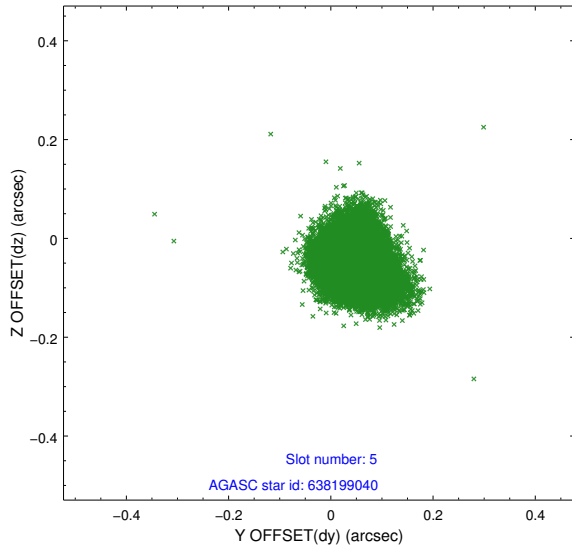
2.4.1 Slot 3



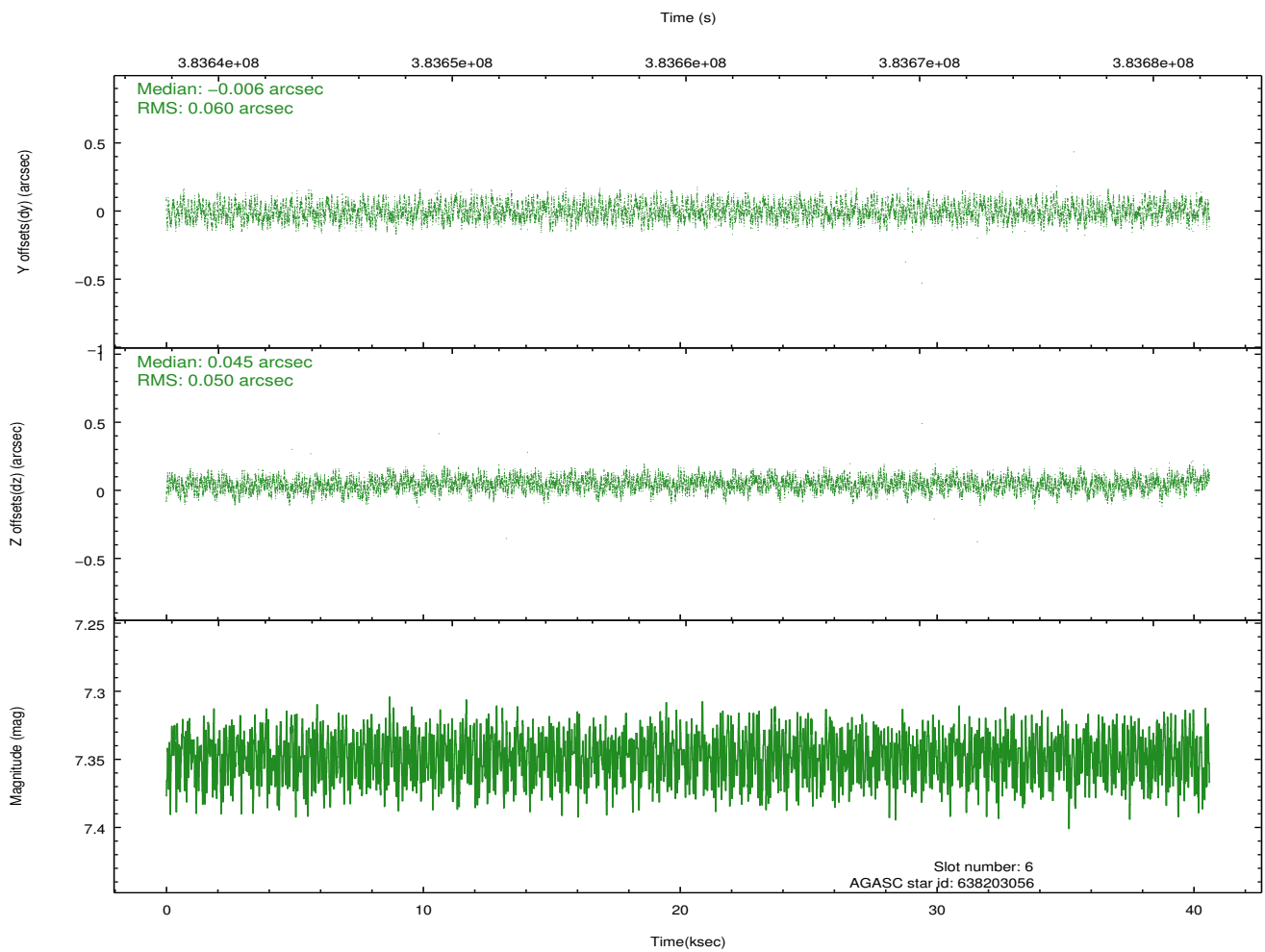
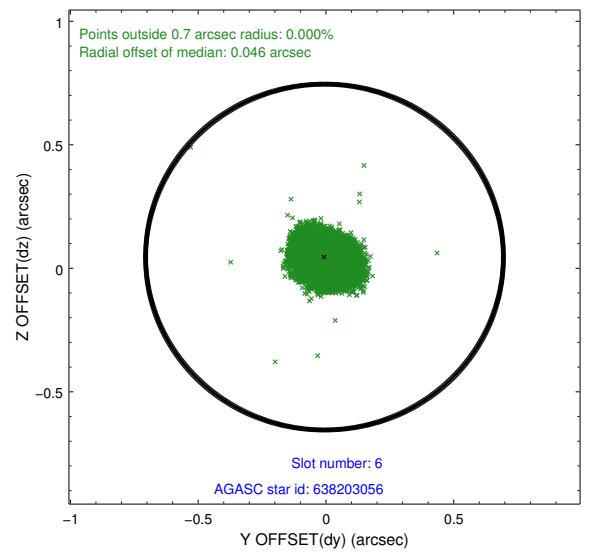
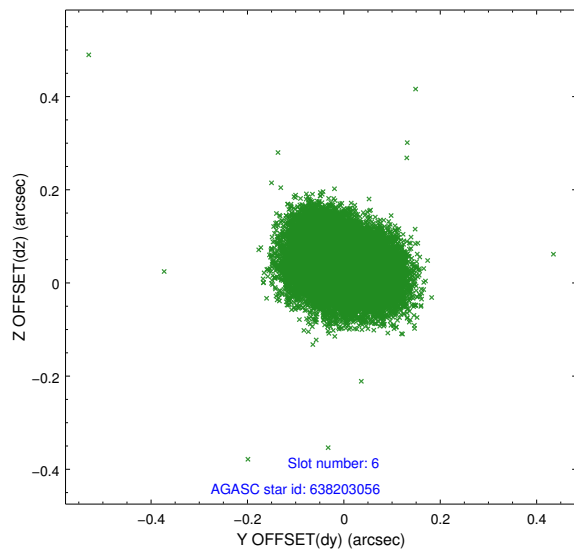
2.4.2 Slot 4



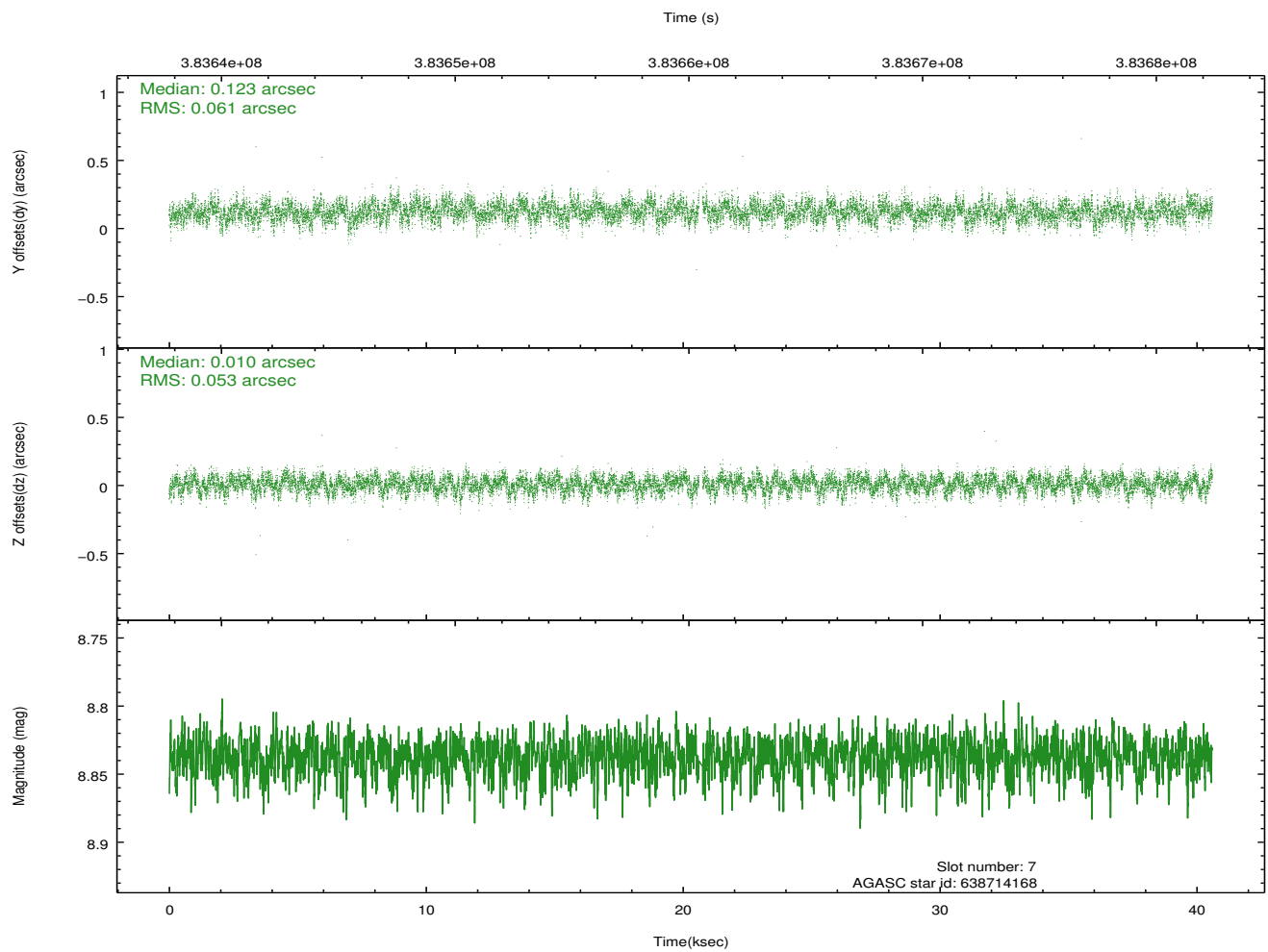
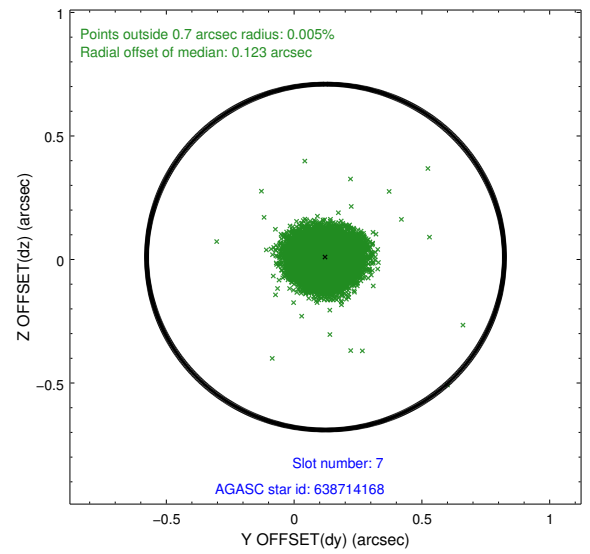
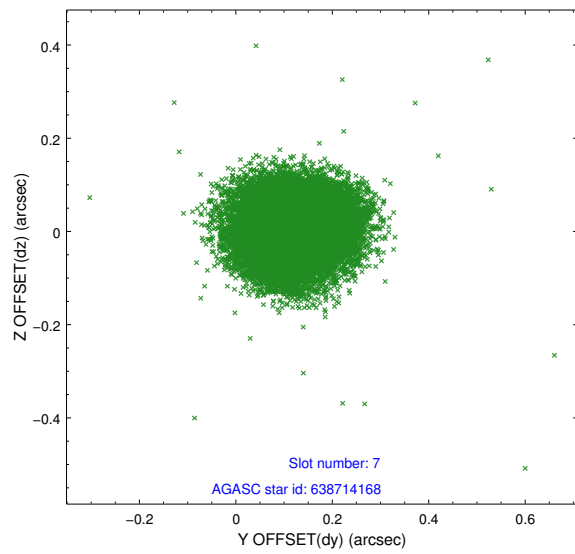
2.4.3 Slot 5



2.4.4 Slot 6

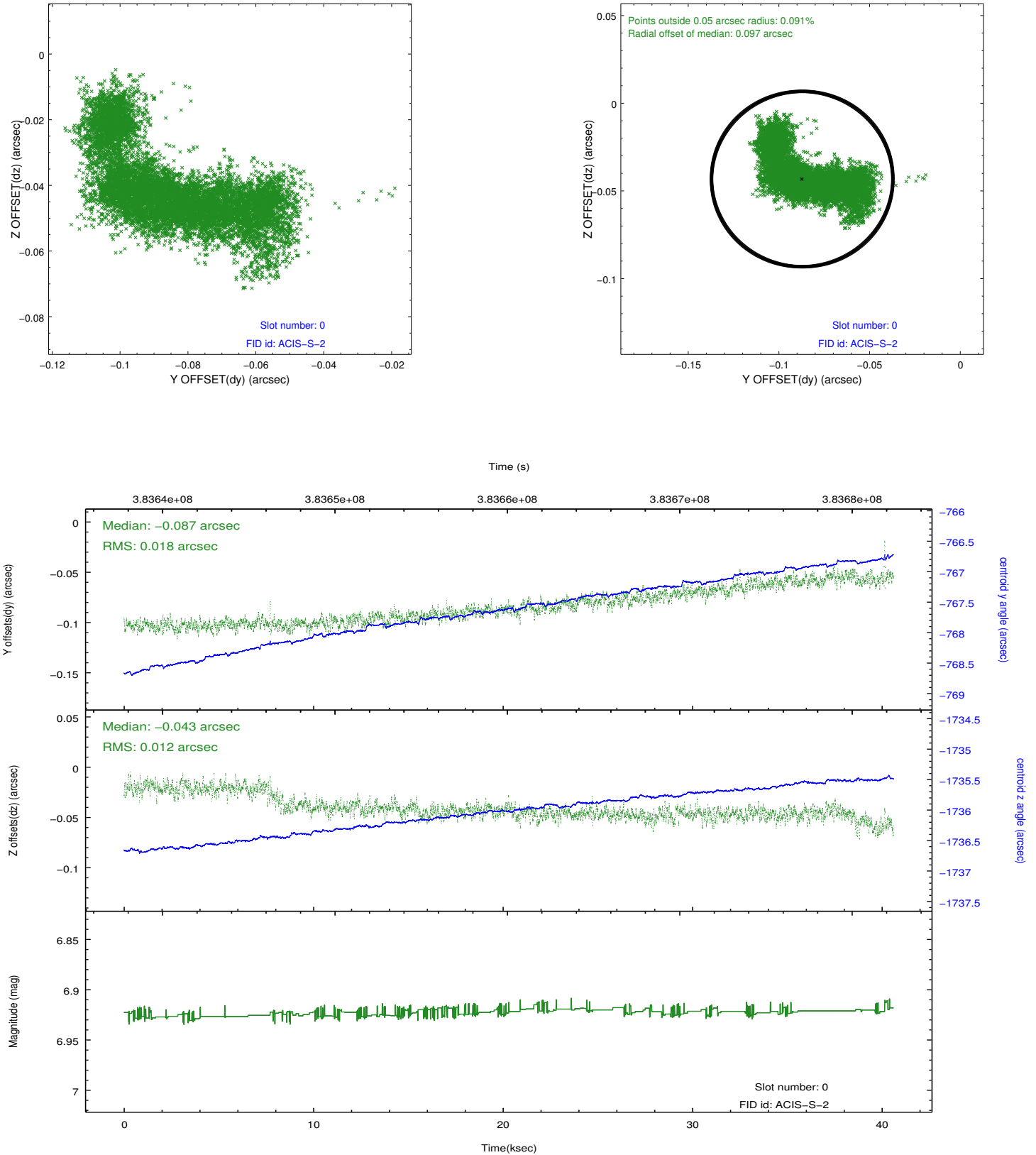


2.4.5 Slot 7

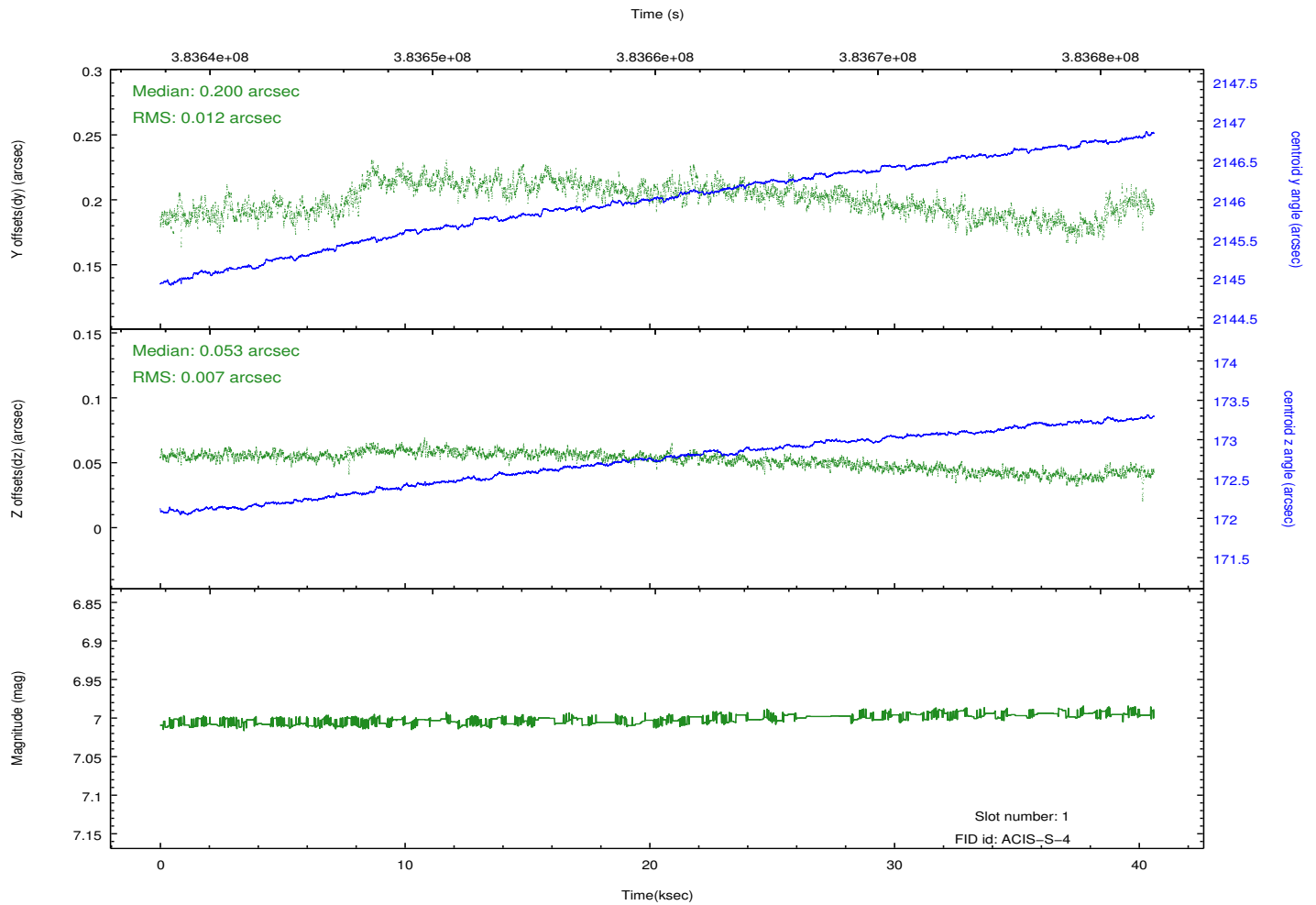
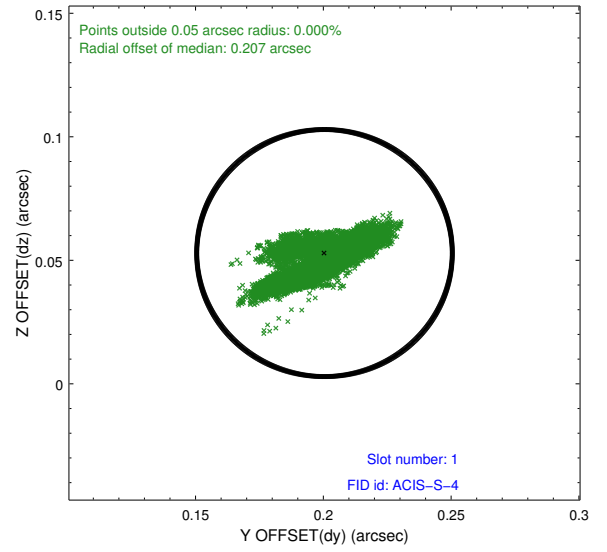
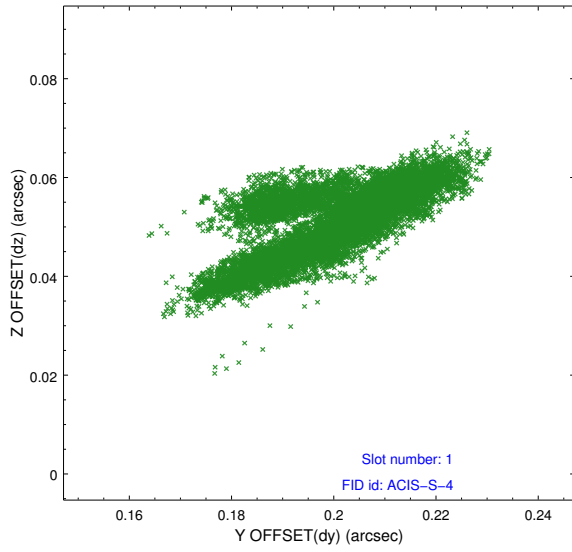


2.5 FID Slots

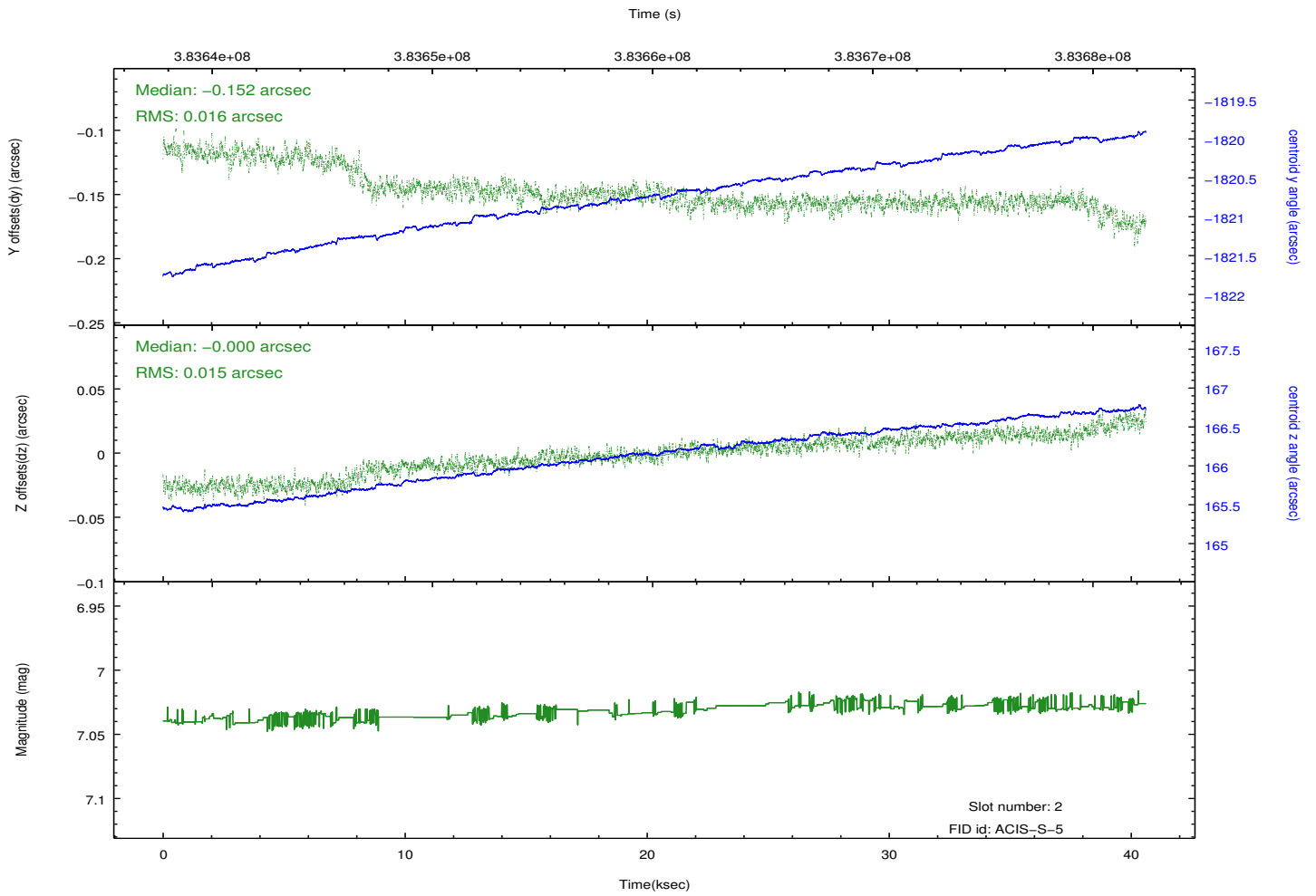
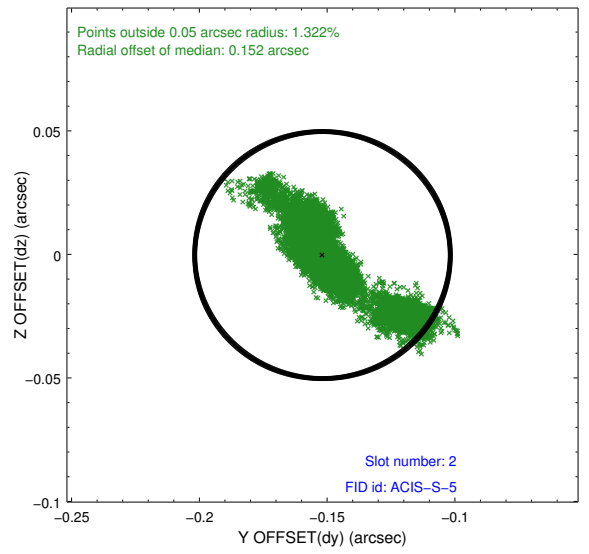
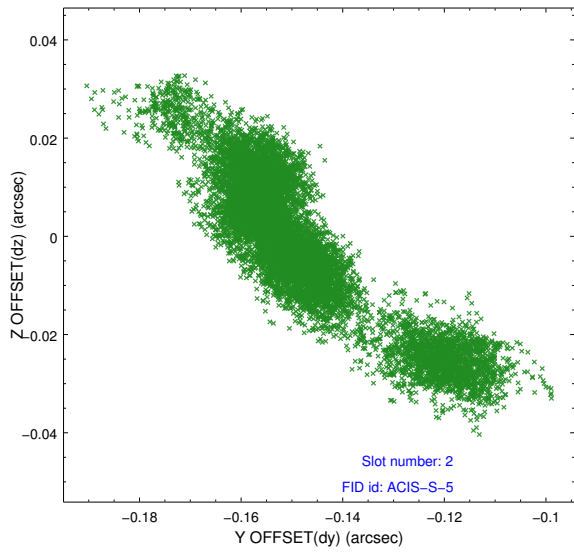
2.5.1 Slot 0



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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.079770837545

A.2 Comments

Joint Proposal: HST.