

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13360 - L2 Version 2
Chandra X-Ray Center

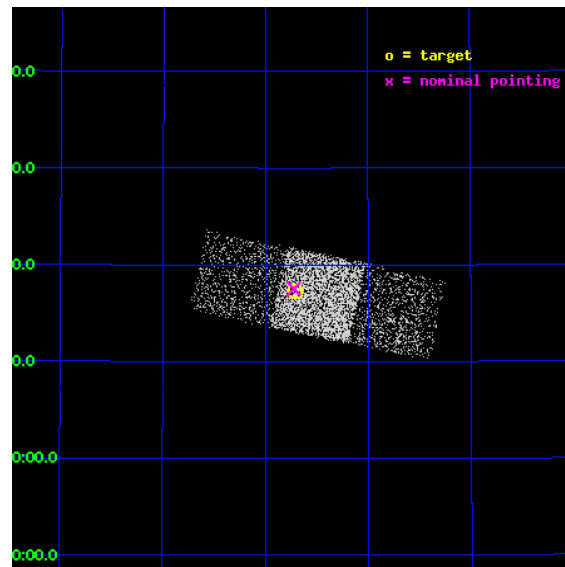
L2 Processing Date : Feb 26 2012

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1 Front

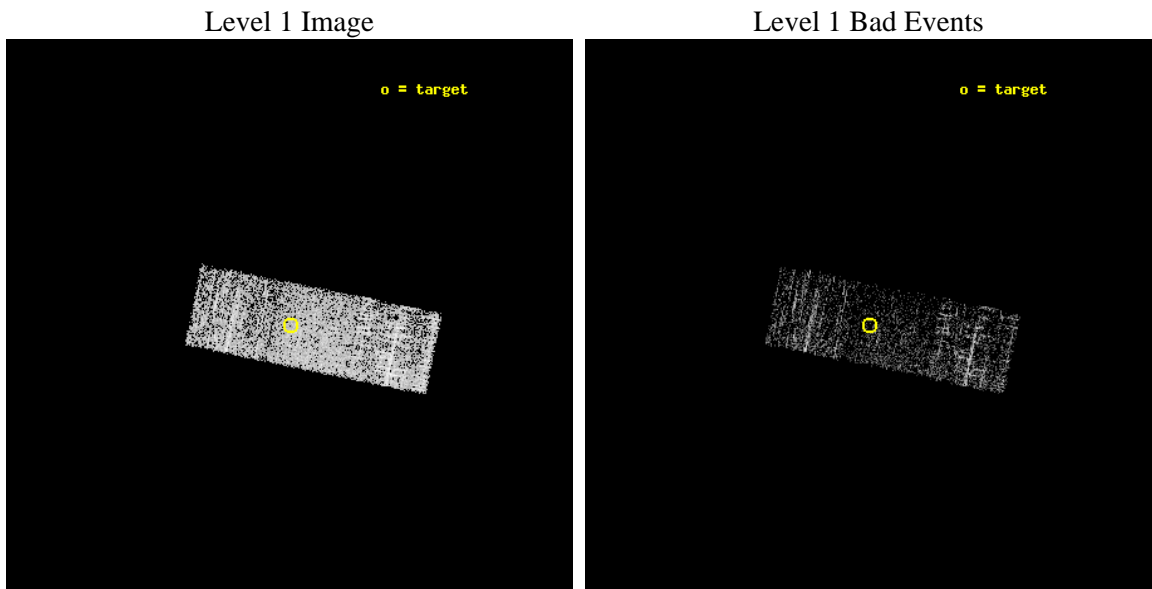
seq_num	702567	Sequence number
obs_id	13360	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1422+4417	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	215.679167	Observer's specified target RA [deg]
dec_targ	44.289222	Observer's specified target Dec [deg]
ra_nom	215.68084367407	Nominal RA [deg]
dec_nom	44.292315177041	Nominal Dec [deg]
roll_nom	11.529451888192	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1564.1032868624	Sum of GTIs [s]
livetime	1543.6671259434	Livetime [s]
ontime6	1564.0622468591	Sum of GTIs [s]
ontime7	1564.1032868624	Sum of GTIs [s]
ontime8	1564.0212068558	Sum of GTIs [s]
l2events	6551	Number of level 2 events



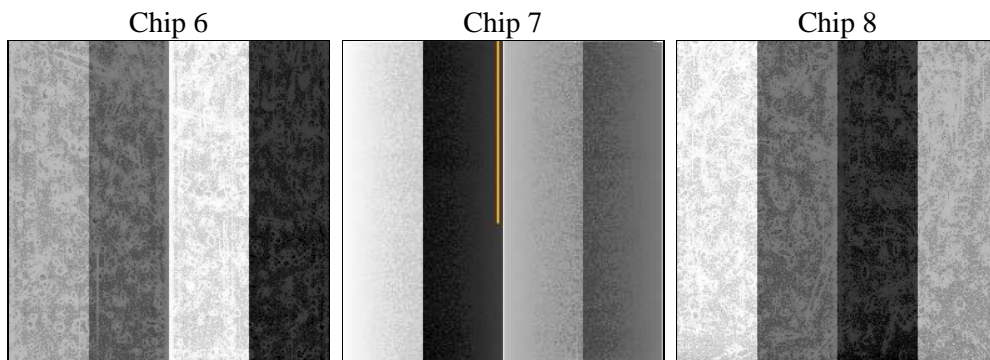
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1564.1032868624	Sum of GTIs [s]
caldsver	4.4.8	 	ontime6	1564.0622468591	Sum of GTIs [s]
date	2012-02-26T15:04:19	Date and time of file creation	ontime7	1564.1032868624	Sum of GTIs [s]
revision	2	Processing version of data	ontime8	1564.0212068558	Sum of GTIs [s]
			l1events	29943	Number of level 1 events

2.1.4 Events

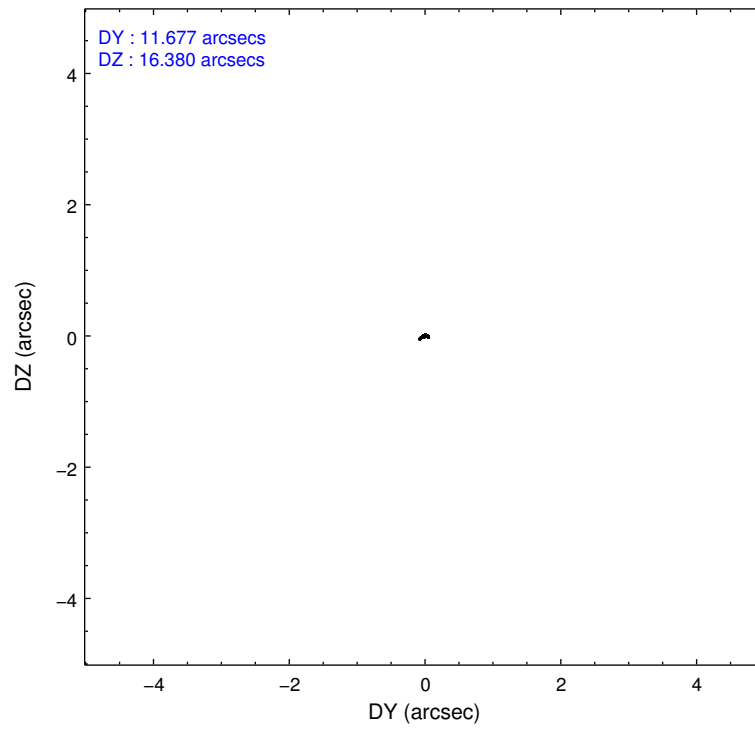
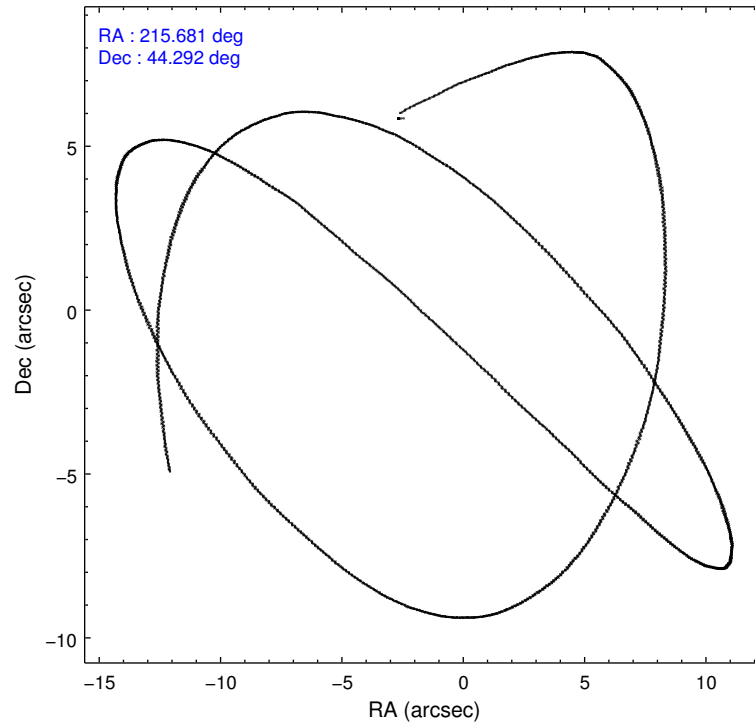
	ccd 6	ccd 7	ccd 8
level 1 events	8344	9774	11825
rejected events	7332	5003	8536
rejected %	87%	51%	72%

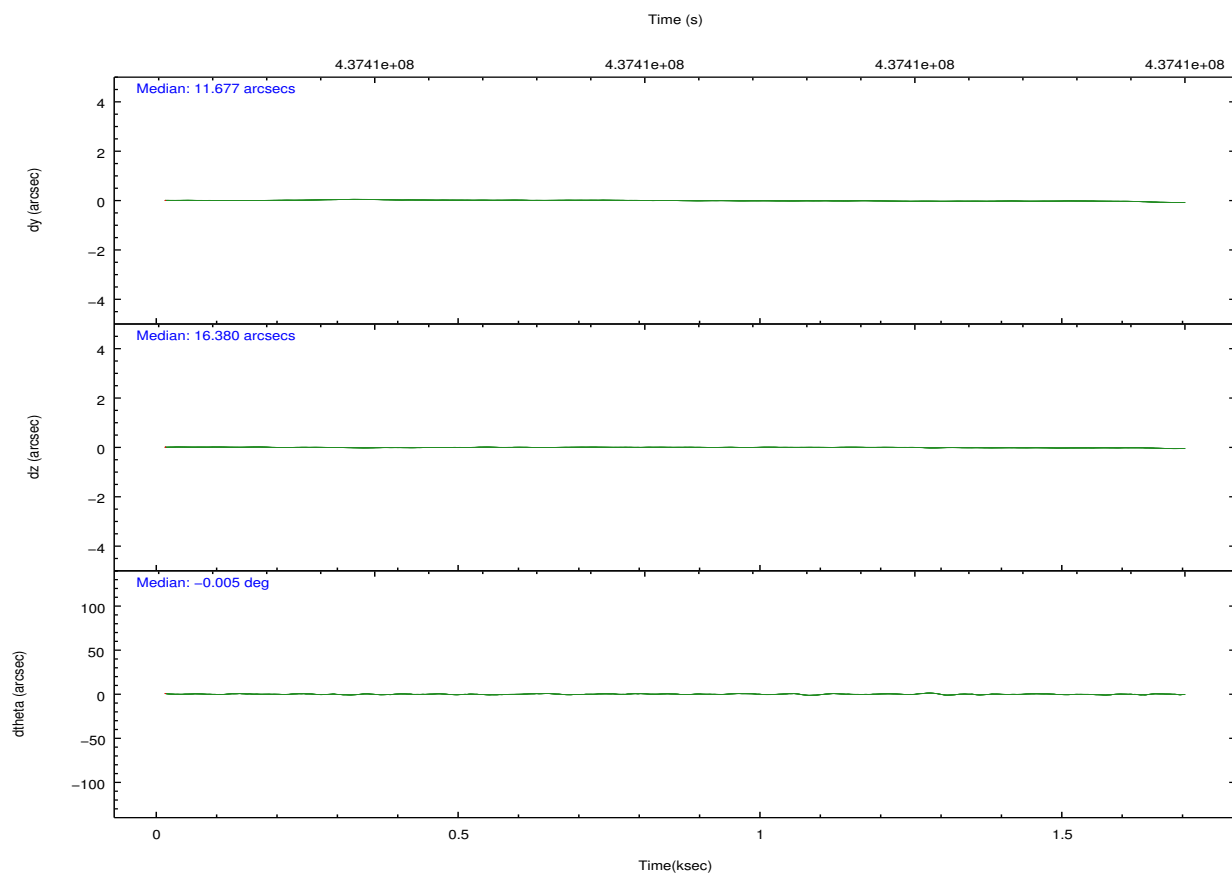
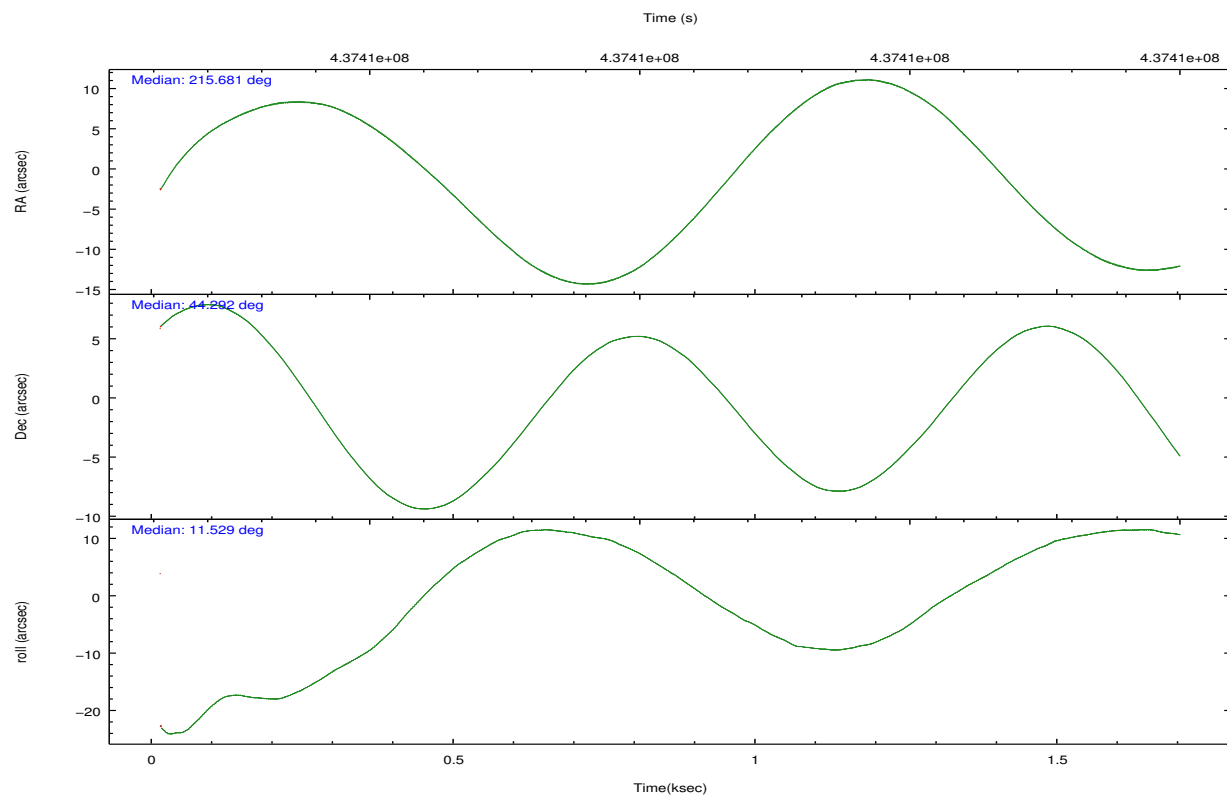
	ccd 6	ccd 7	ccd 8
grade 0 events	398	461	990
	4%	4%	8%
grade 1 events	2	24	5
	0%	0%	0%
grade 2 events	211	1092	699
	2%	11%	5%
grade 3 events	94	431	433
	1%	4%	3%
grade 4 events	94	427	385
	1%	4%	3%
grade 5 events	369	1059	586
	4%	10%	4%
grade 6 events	216	2367	784
	2%	24%	6%
grade 7 events	6960	3913	7943
	83%	40%	67%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	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	215.652436	215.6808436740689	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.273637	44.29231517704054	Alternating exposures requested	N	N
[deg] Pointing Roll	11.392732	11.52945188819189	[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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	437410412.184000	437409014.92867			
Observation start date	2011-11-11T14:52:26	2011-11-11T14:30:14			
[s] Observation end time (MET)	437411912.184000	437412874.05387			
Observation end date	2011-11-11T15:17:26	2011-11-11T15:34:34			
Read mode	TIMED	TIMED			

2.3 Aspect



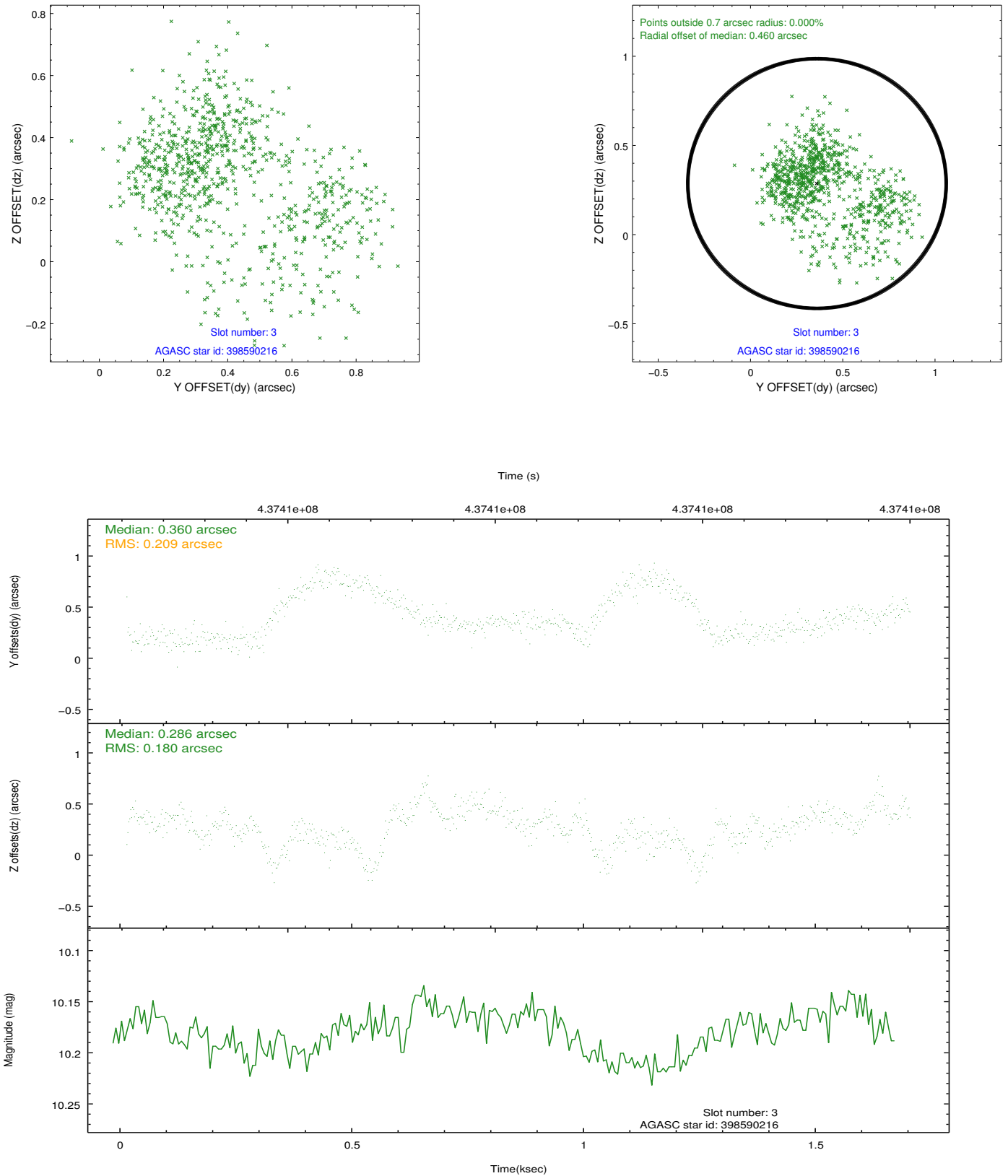


Slot Statistics

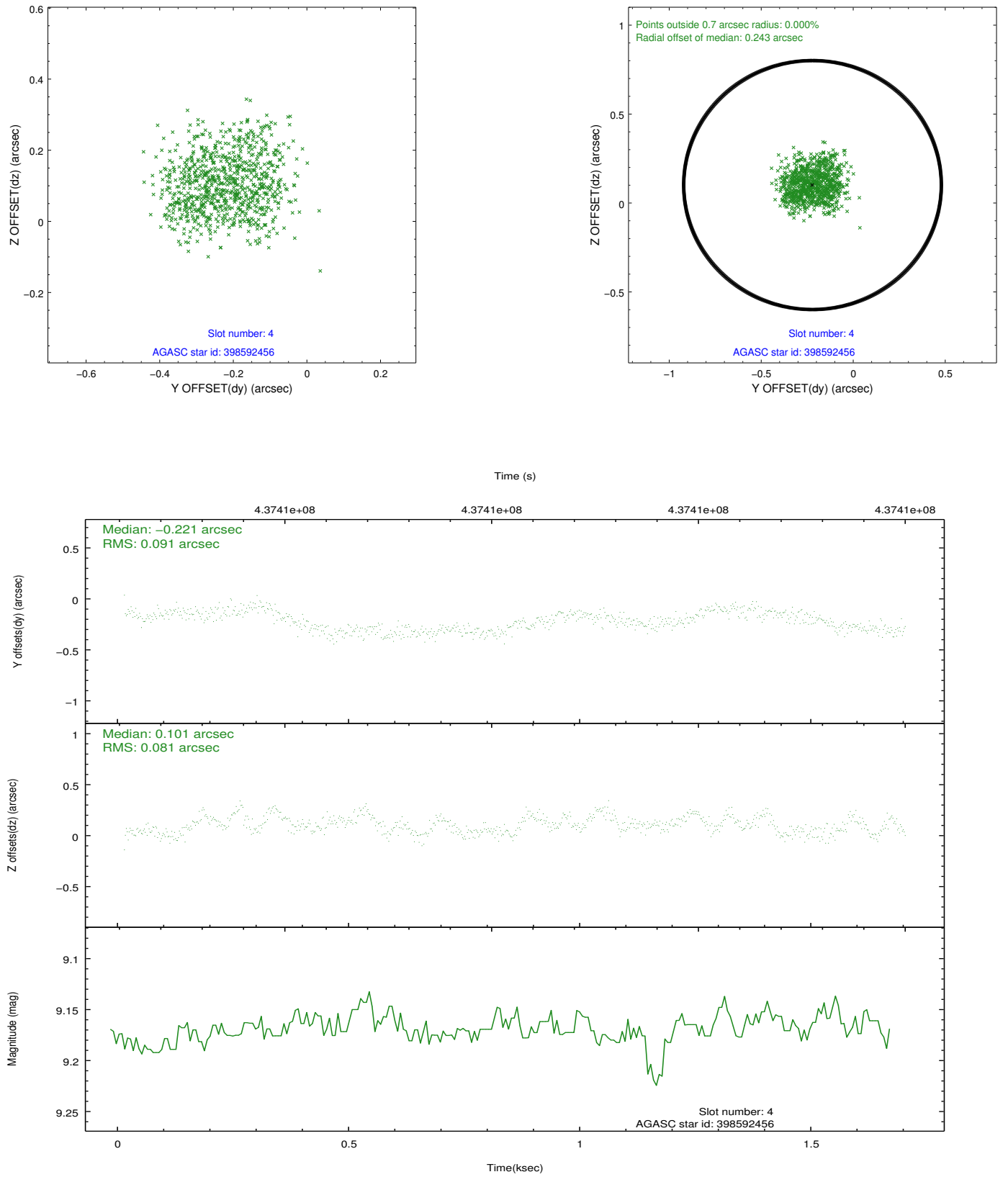
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.97	413	0.058	-0.080	0.007	0.011	0.000000	0.000000	931.51	-1733.52
1	FID	ACIS-S-4	6.97	413	0.124	0.032	0.006	0.010	0.000000	0.000000	2151.17	166.70
2	FID	ACIS-S-5	7.00	413	-0.210	0.061	0.006	0.010	0.000000	0.000000	-1812.60	164.79
3	GUIDE	398590216	10.18	825	0.360	0.286	0.289	0.494	215.470345	43.702254	-870.58	-1922.82
4	GUIDE	398592456	9.17	825	-0.221	0.101	0.132	0.198	215.495069	44.097478	-525.50	-543.90
5	GUIDE	398593544	8.62	825	-0.105	-0.332	0.123	0.265	216.095119	44.392456	1200.27	195.38
6	GUIDE	398595240	9.13	825	0.008	-0.005	0.100	0.163	215.442993	44.565159	-317.93	1135.08
7	GUIDE	398595688	9.91	821	-0.063	-0.060	0.131	0.221	216.269285	44.720437	1864.68	1271.74

2.4 Star Slots

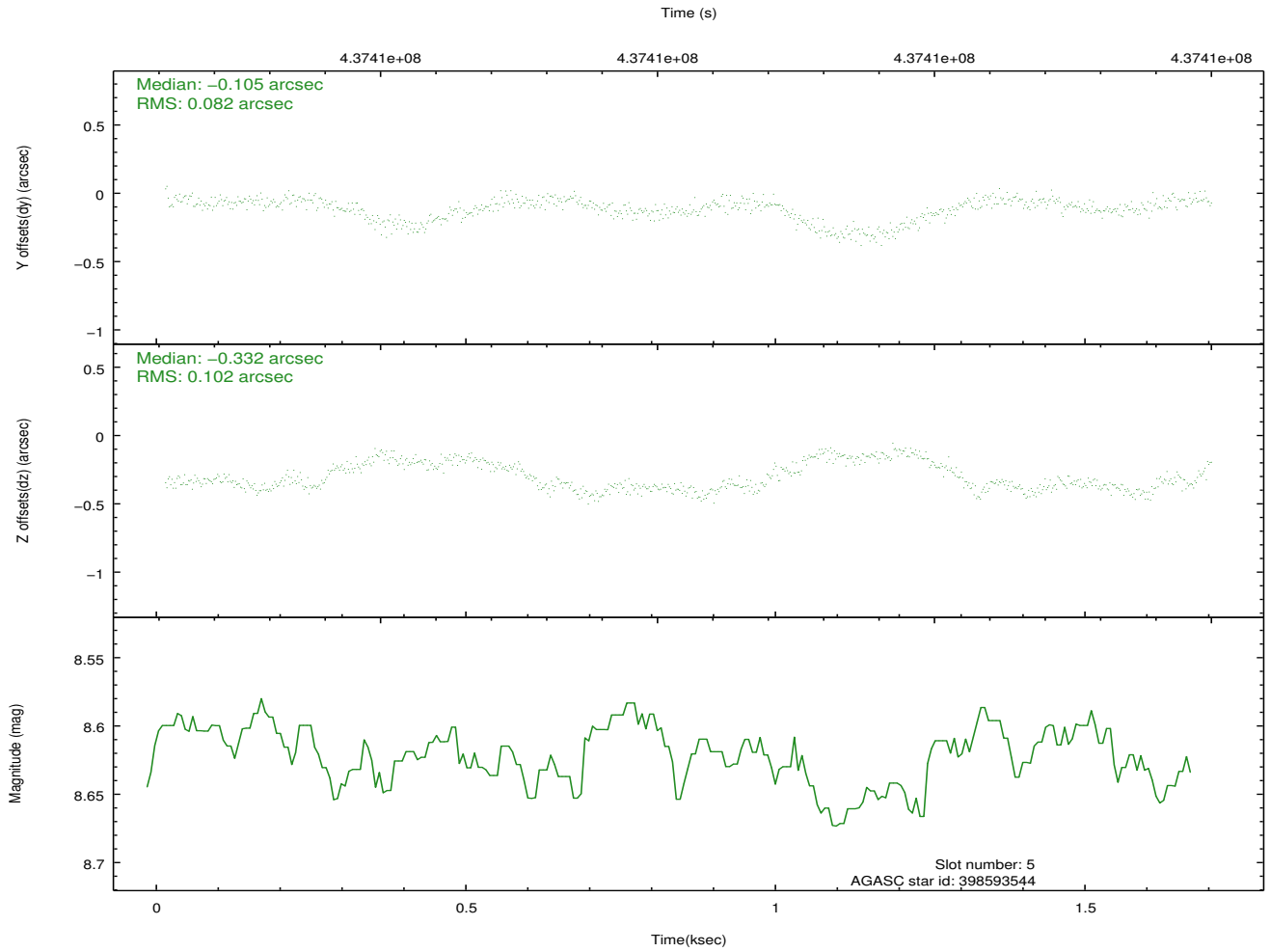
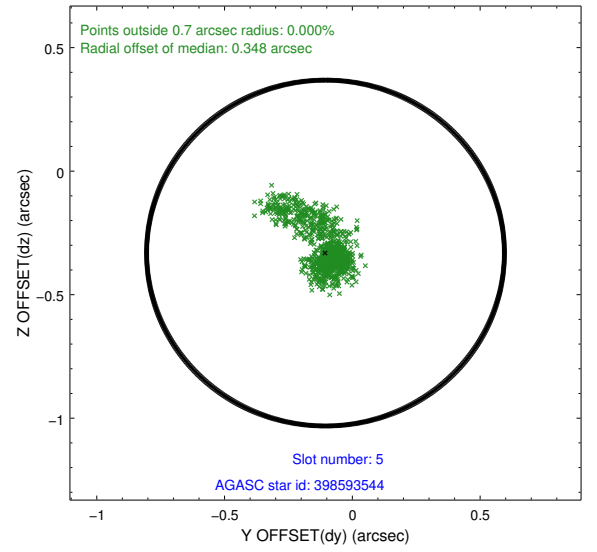
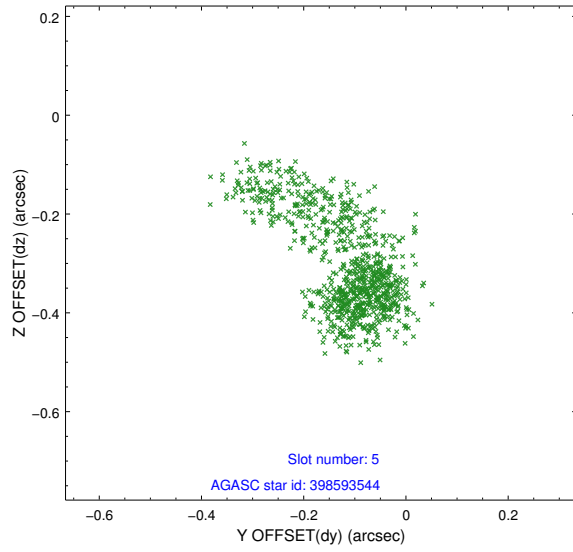
2.4.1 Slot 3



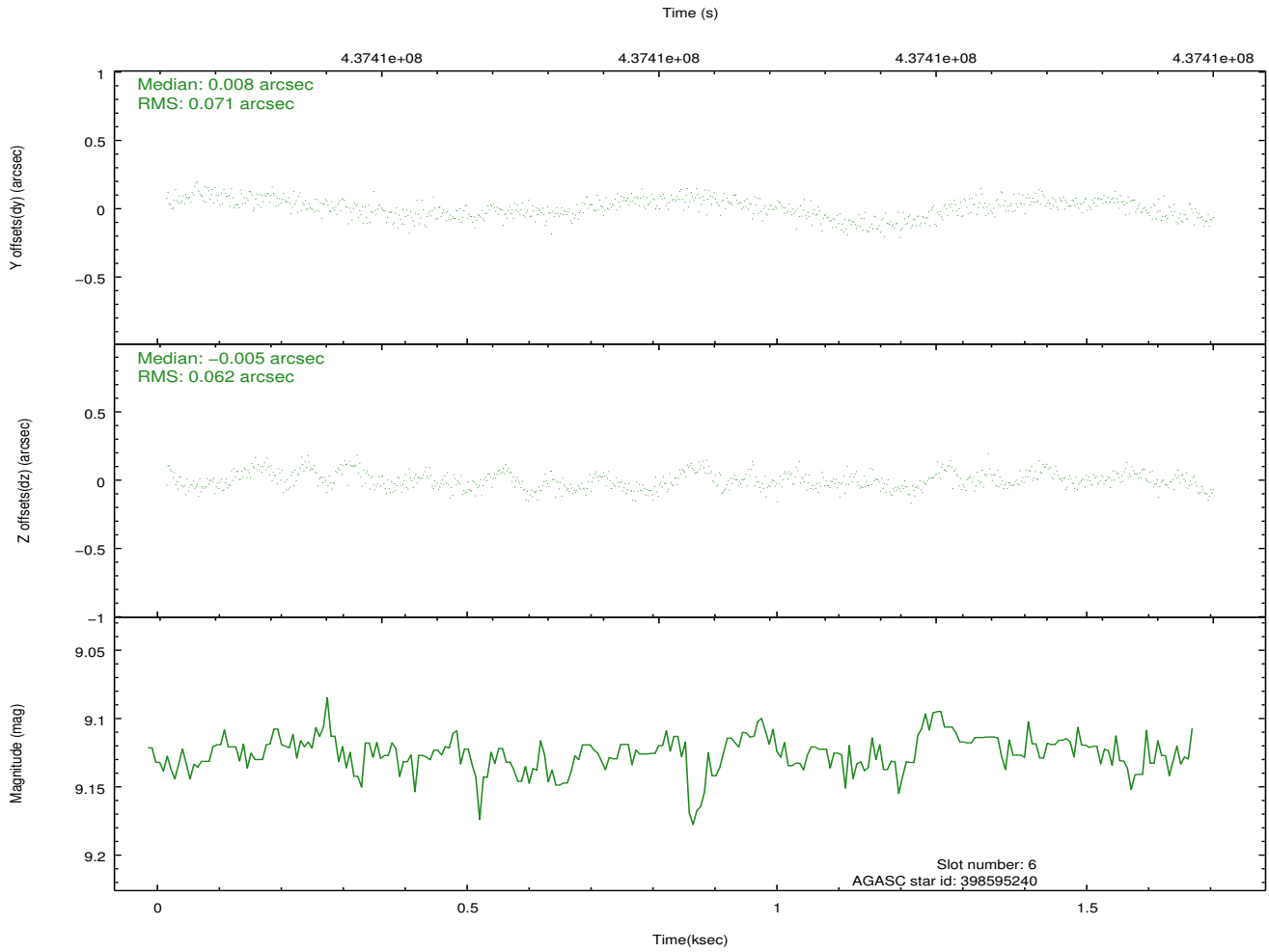
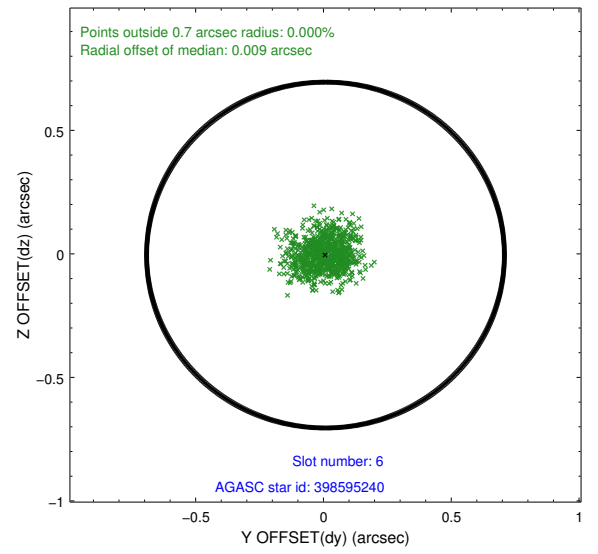
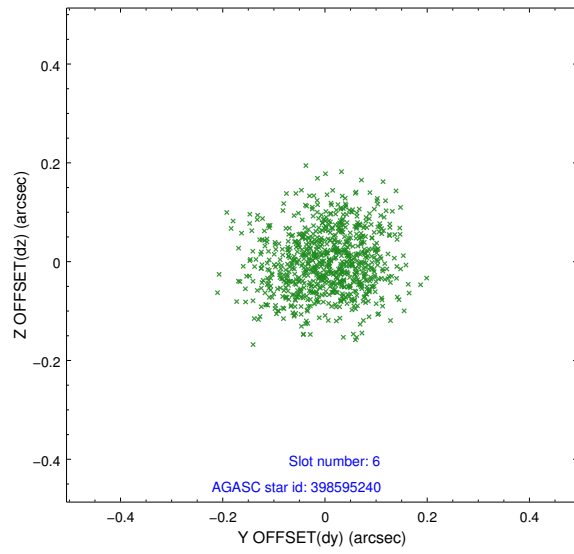
2.4.2 Slot 4



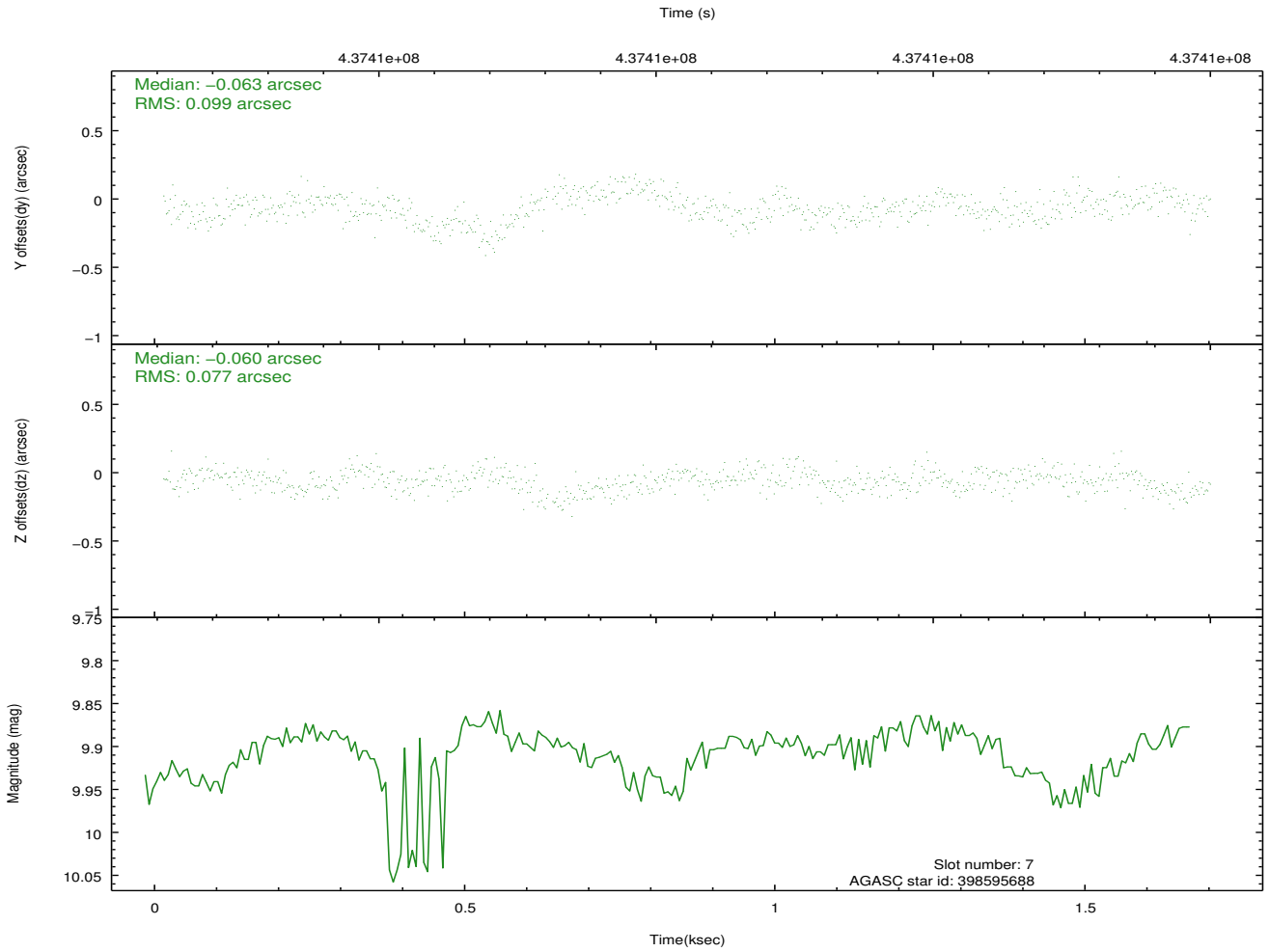
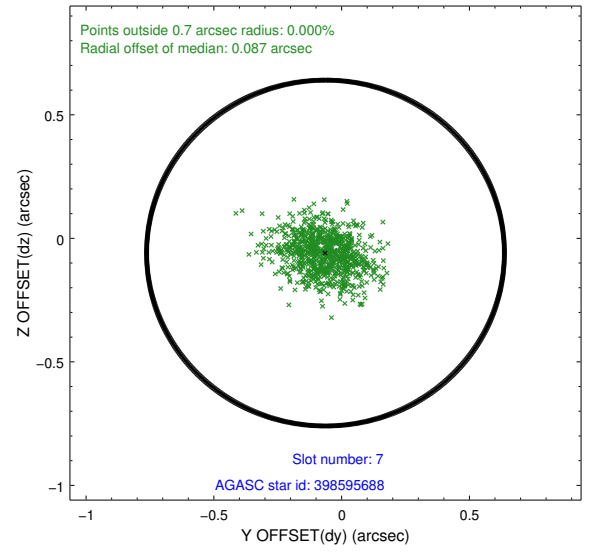
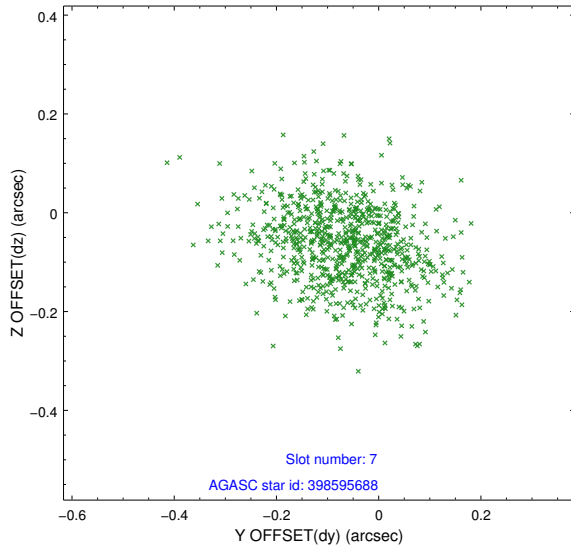
2.4.3 Slot 5



2.4.4 Slot 6

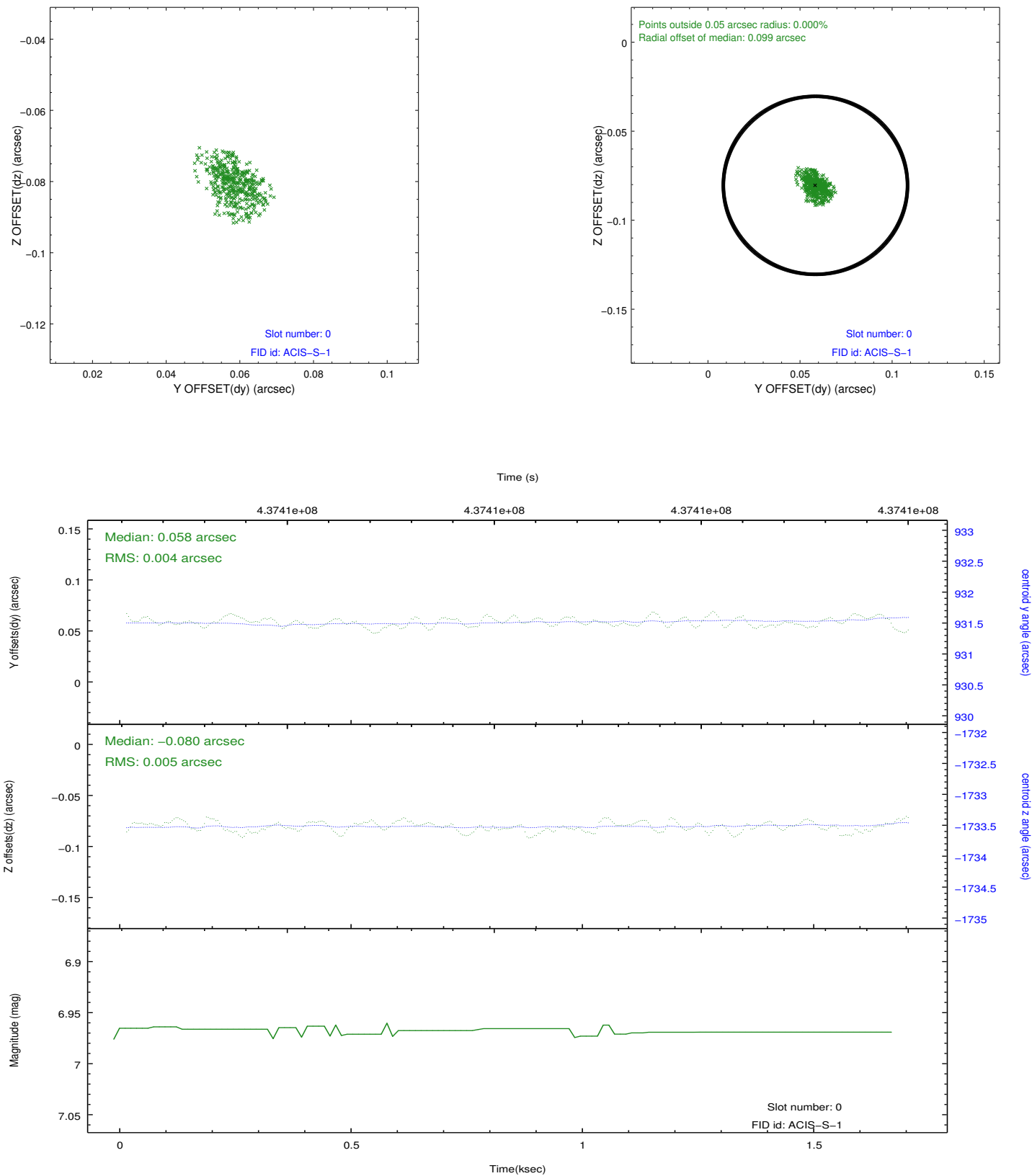


2.4.5 Slot 7

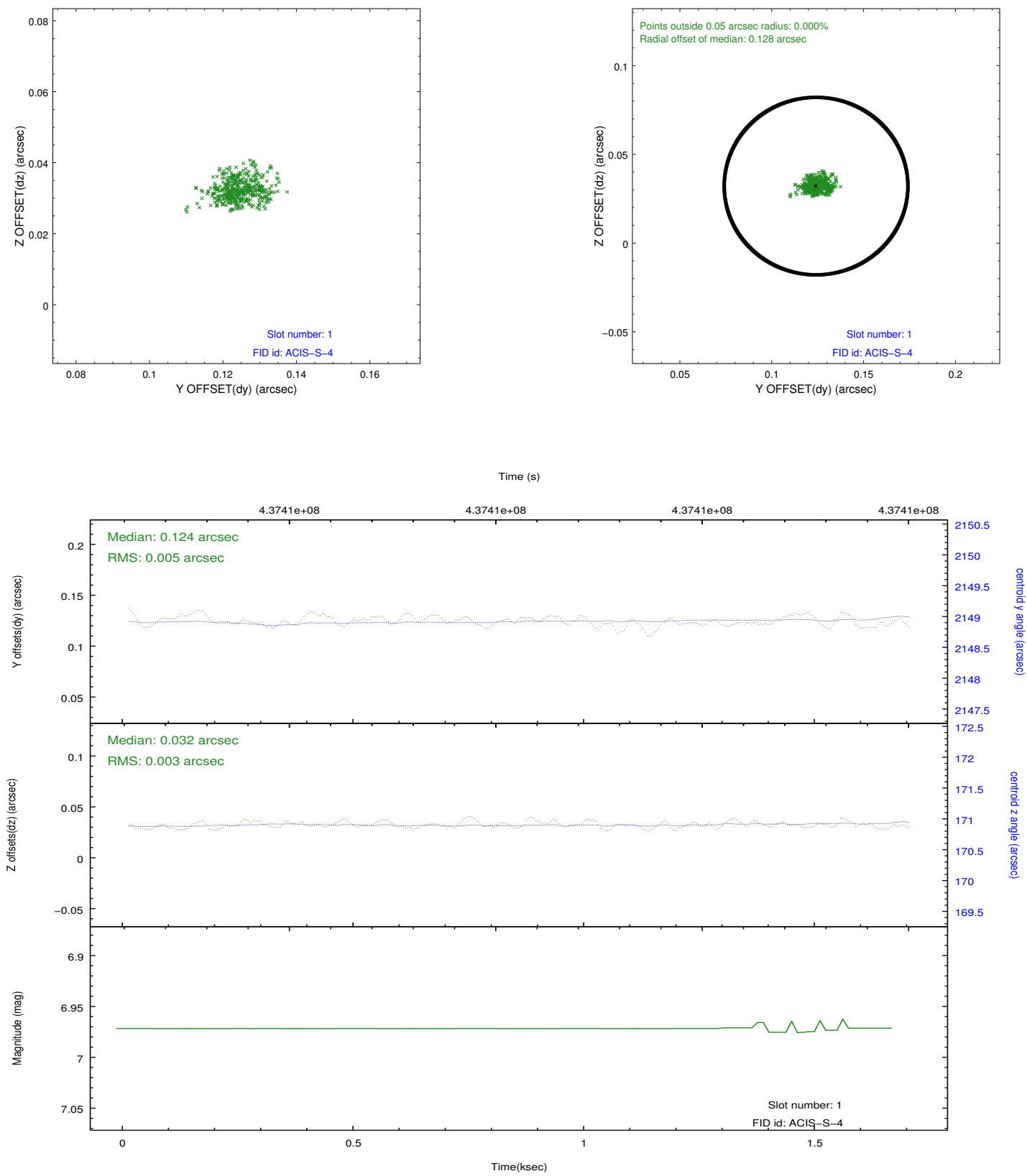


2.5 FID Slots

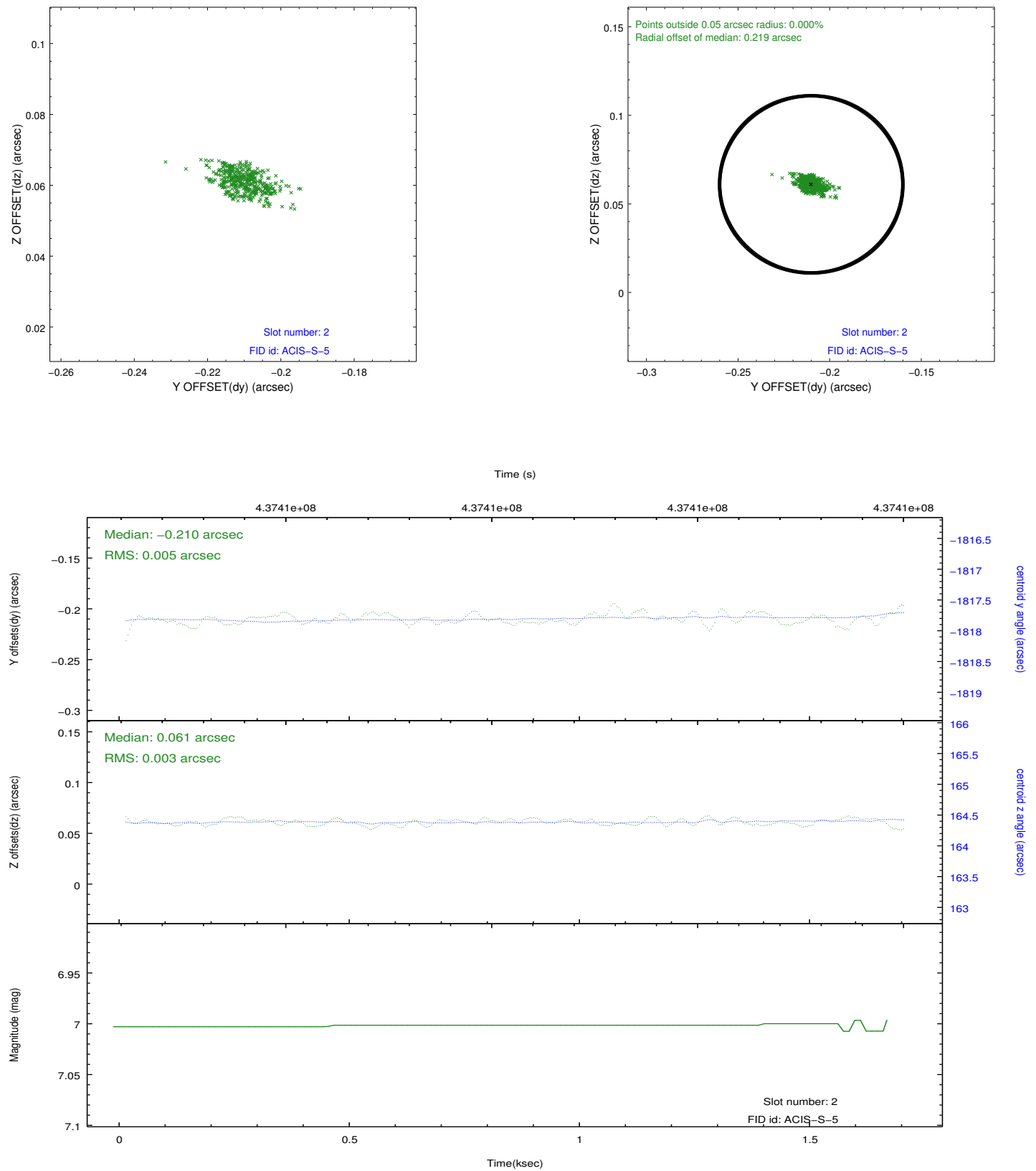
2.5.1 Slot 0



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)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5641032869816

A.2 Comments