

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13313 - L2 Version 1
Chandra X-Ray Center

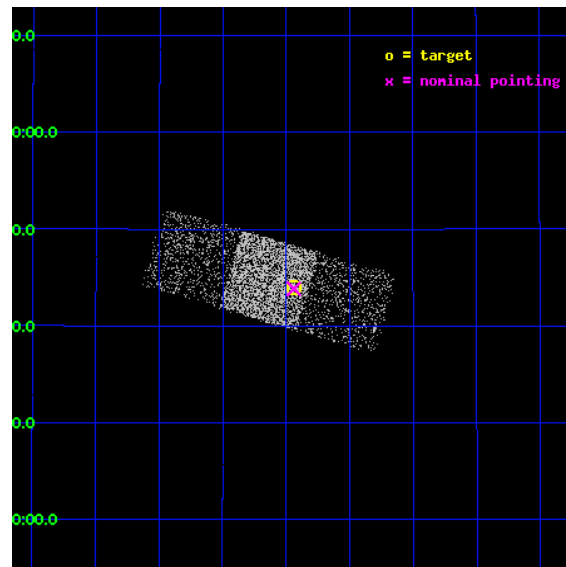
L2 Processing Date : Feb 28 2012

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1 Front

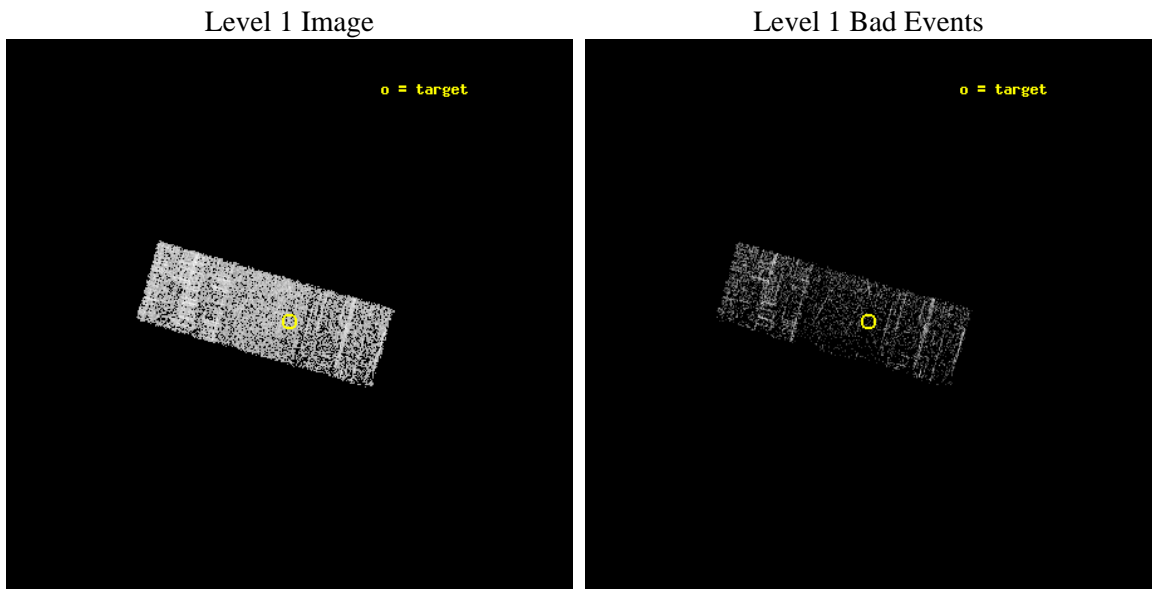
seq_num	702520	Sequence number
obs_id	13313	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1019+2744	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	154.985833	Observer's specified target RA [deg]
dec_targ	27.733806	Observer's specified target Dec [deg]
ra_nom	154.98476694367	Nominal RA [deg]
dec_nom	27.730887860633	Nominal Dec [deg]
roll_nom	195.96304398298	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1488.0000114441	Sum of GTIs [s]
livetime	1468.5581958449	Livetime [s]
ontime6	1488.0000114441	Sum of GTIs [s]
ontime7	1488.0000114441	Sum of GTIs [s]
ontime8	1472.2951200008	Sum of GTIs [s]
l2events	5946	Number of level 2 events



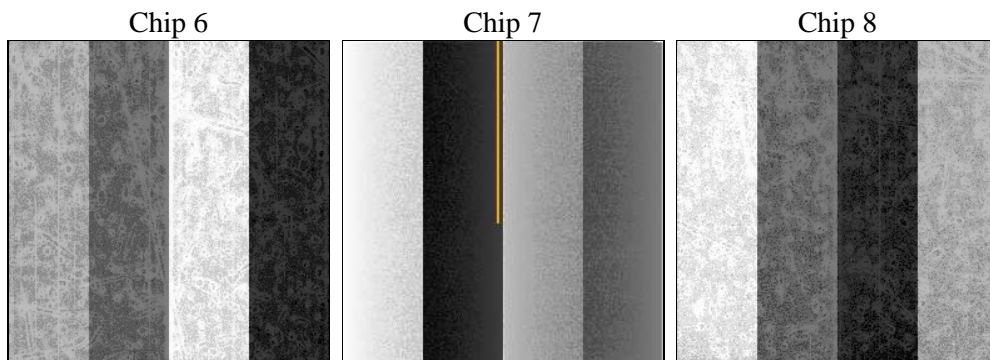
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1680.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1488.0000114441	Sum of GTIs [s]
caldbver	4.4.8	 	ontime6	1488.0000114441	Sum of GTIs [s]
date	2012-02-28T16:43:51	Date and time of file creation	ontime7	1488.0000114441	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1472.2951200008	Sum of GTIs [s]
			l1events	30295	Number of level 1 events

2.1.4 Events

	ccd 6	ccd 7	ccd 8
level 1 events	7552	9018	13725
rejected events	6586	4666	9486
rejected %	87%	51%	69%

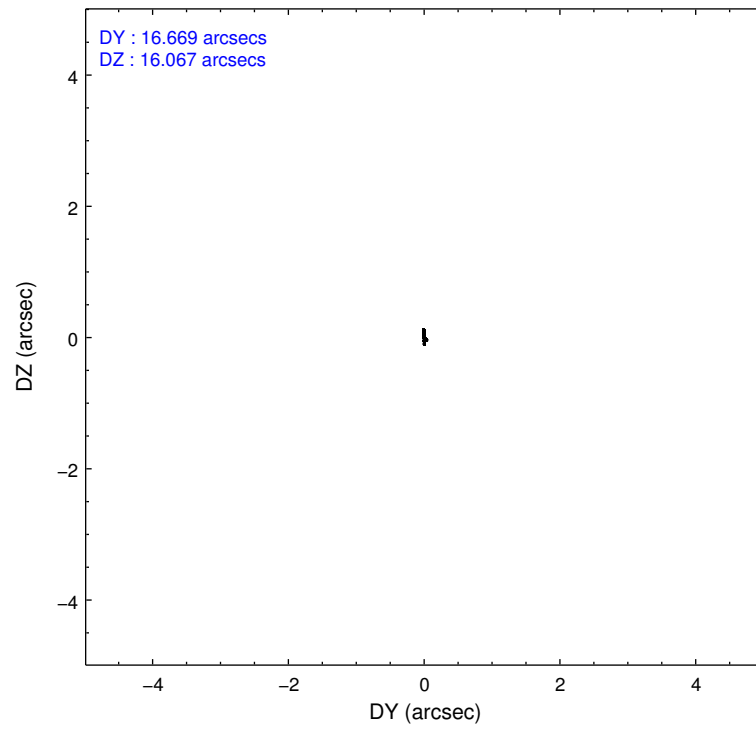
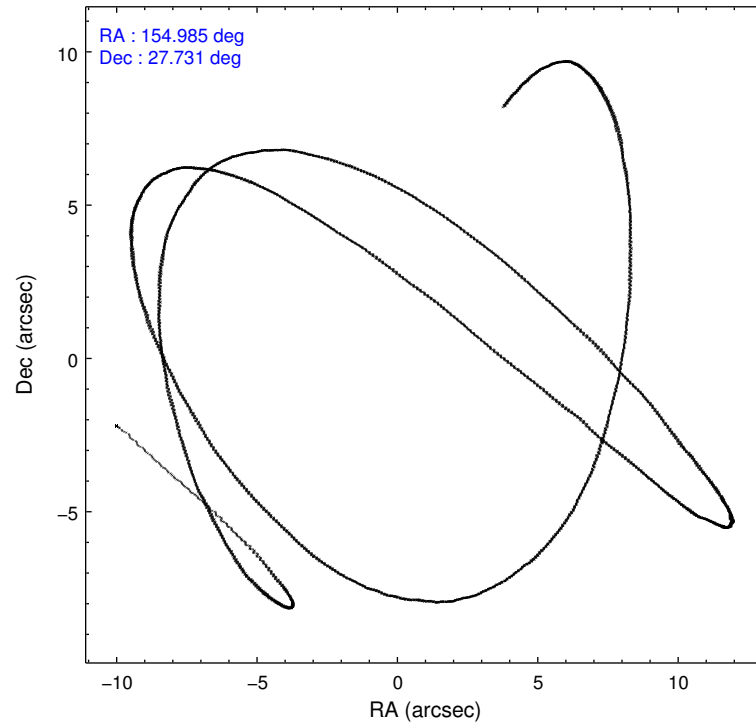
	ccd 6	ccd 7	ccd 8
grade 0 events	346	426	1189
	4%	4%	8%
grade 1 events	5	10	21
	0%	0%	0%
grade 2 events	231	947	807
	3%	10%	5%
grade 3 events	97	397	590
	1%	4%	4%
grade 4 events	74	387	577
	0%	4%	4%
grade 5 events	323	915	567
	4%	10%	4%
grade 6 events	222	2203	1078
	2%	24%	7%
grade 7 events	6254	3733	8896
	82%	41%	64%

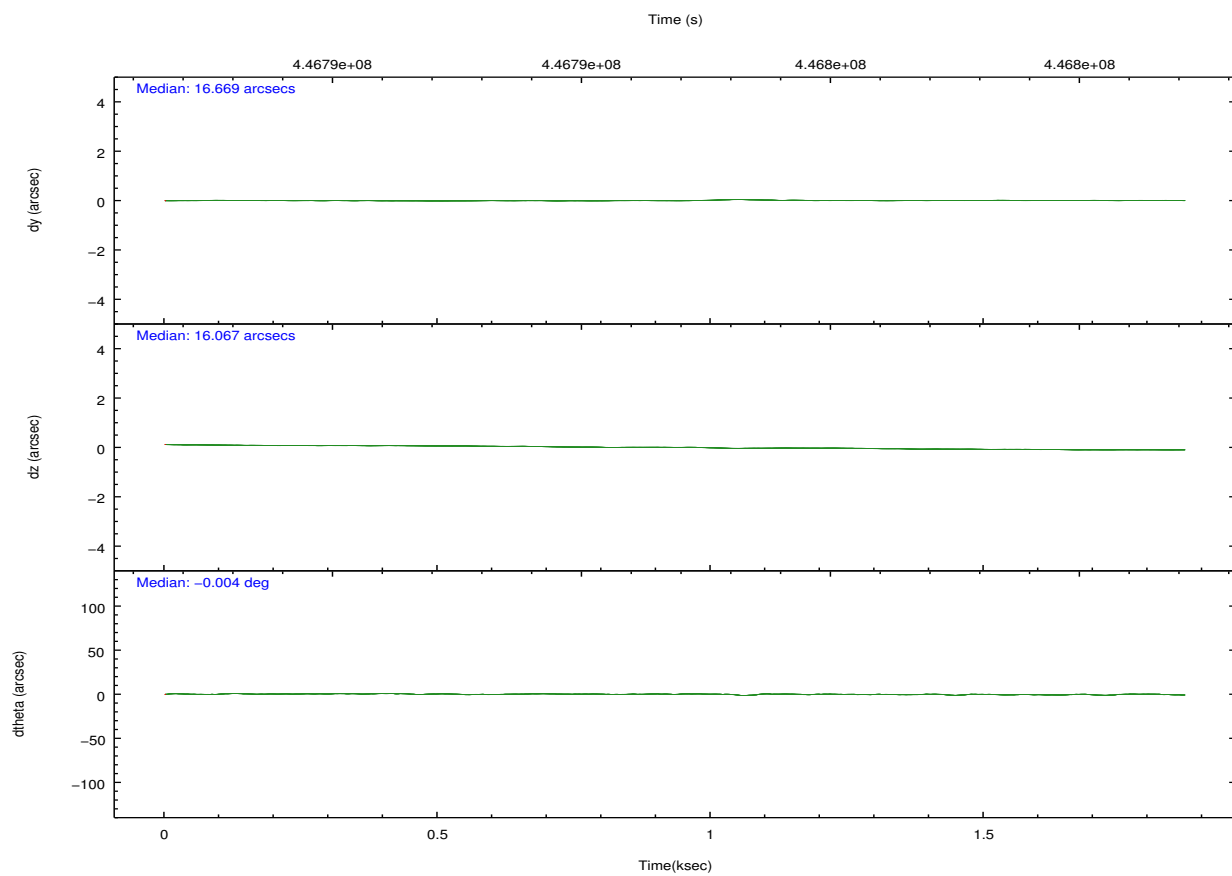
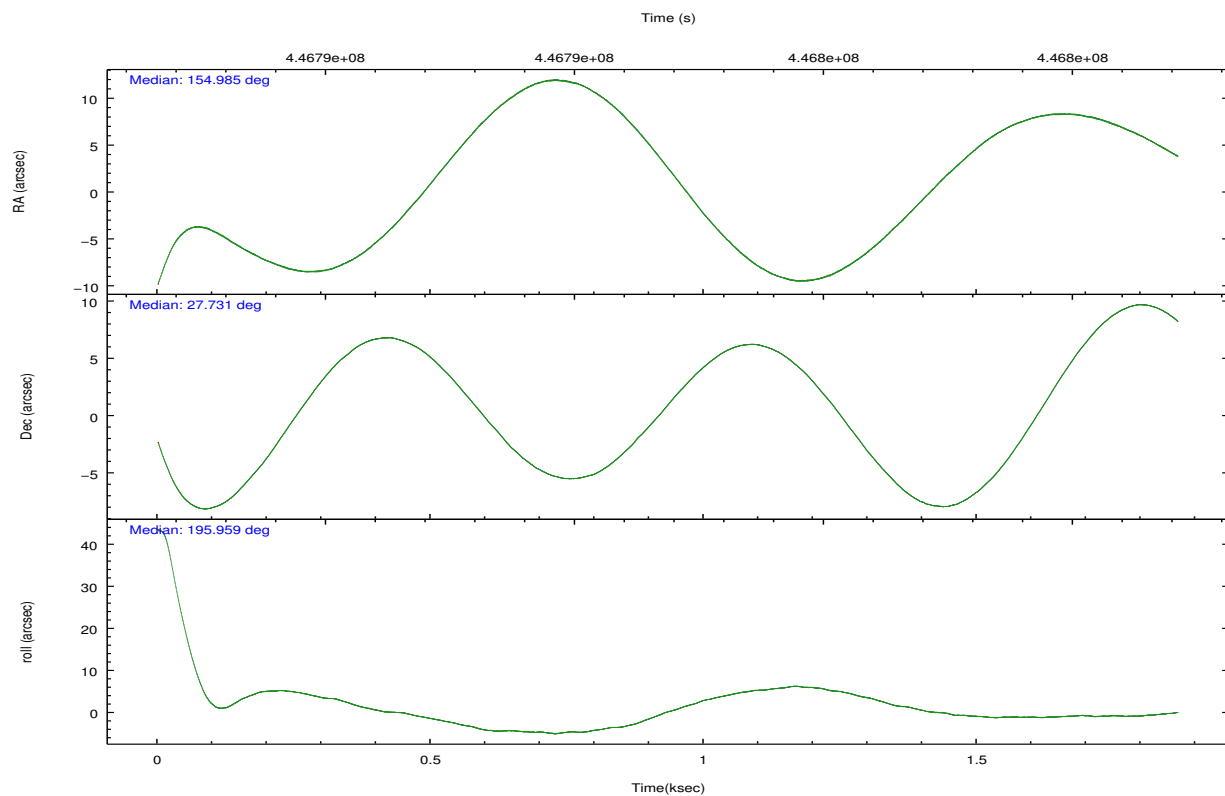
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-678	ACIS-678
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	155.006035	154.9847669436727
[deg] Pointing Dec	27.750820	27.73088786063316
[deg] Pointing Roll	195.796187	195.9630439829824
[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)	446793950.184000	446792899.1369
Observation start date	2012-02-28T05:24:44	2012-02-28T05:08:19
[s] Observation end time (MET)	446795630.184000	446796665.4996
Observation end date	2012-02-28T05:52:44	2012-02-28T06:11:05
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.1

2.3 Aspect



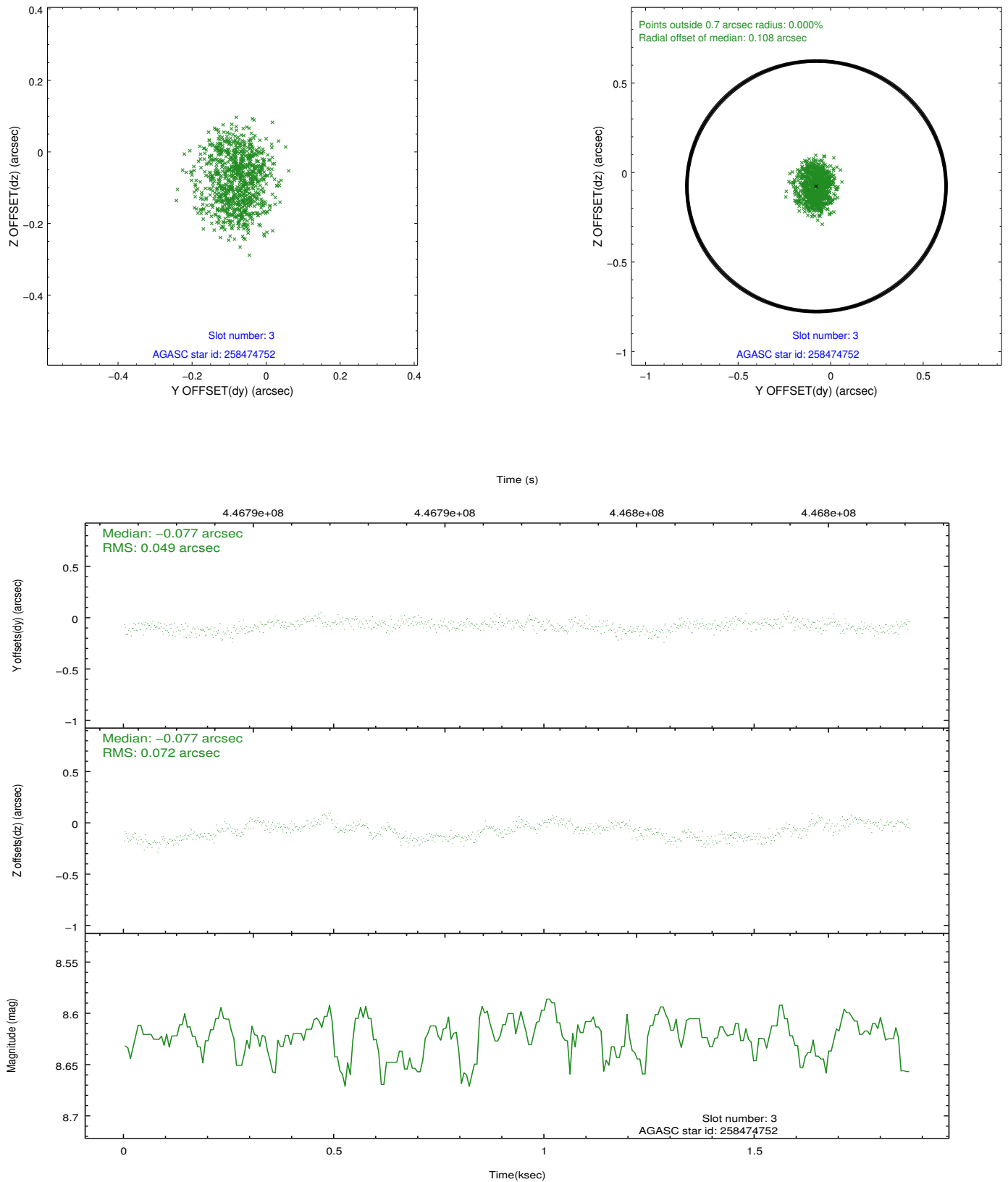


Slot Statistics

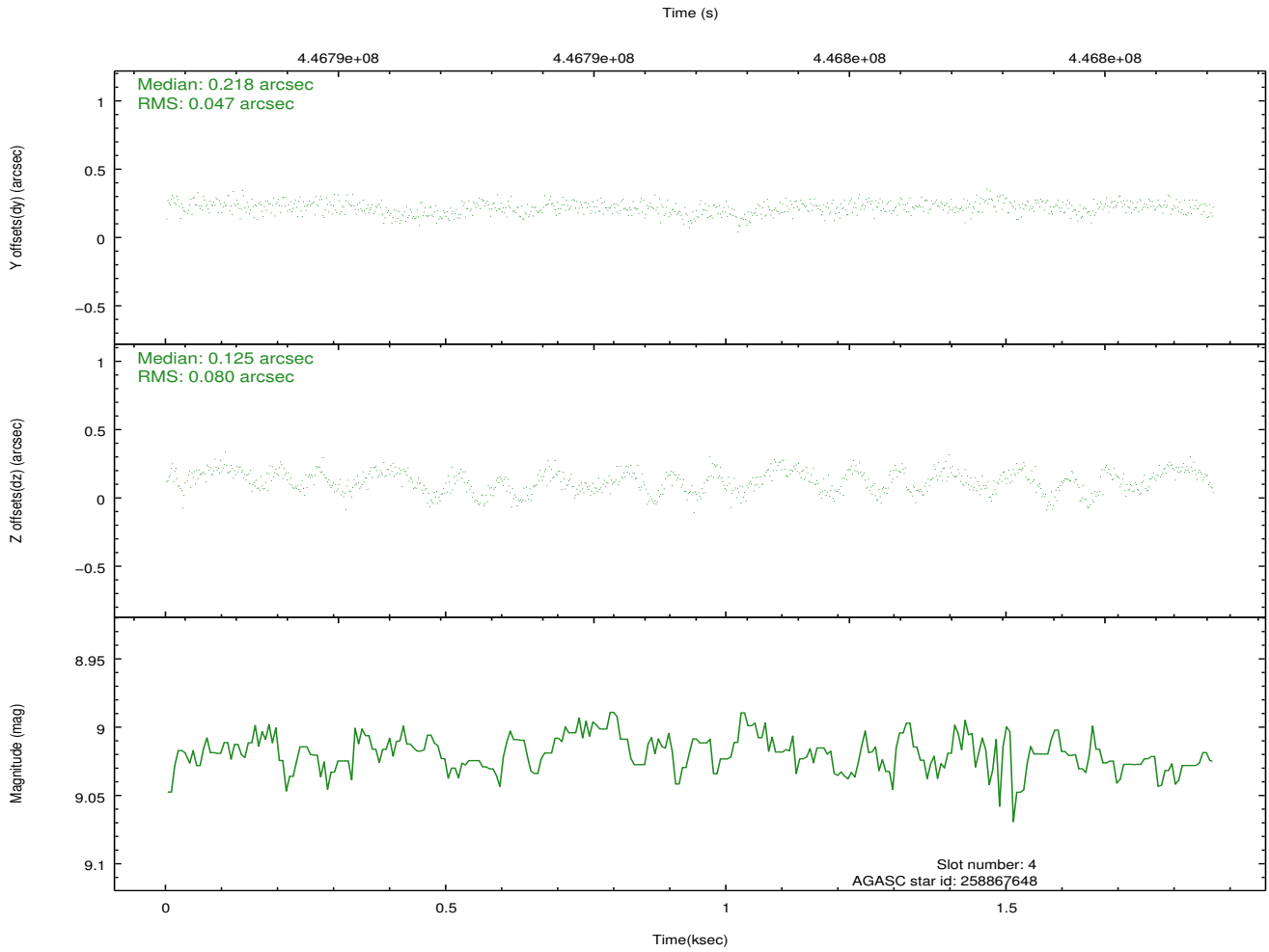
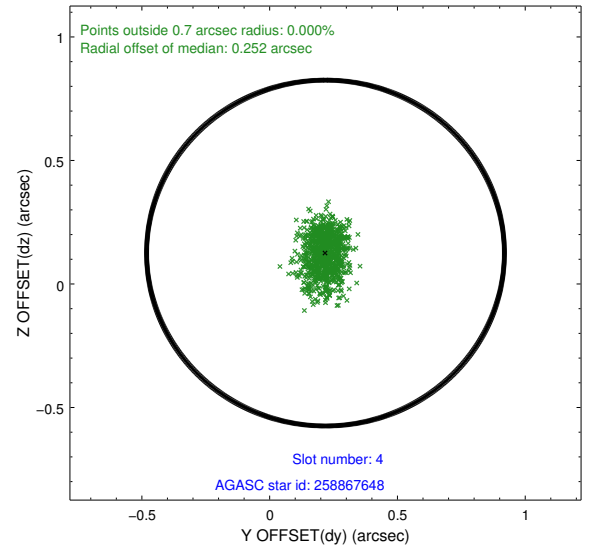
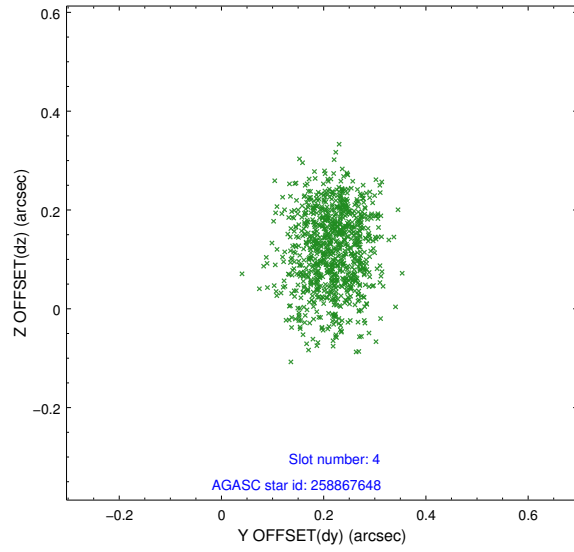
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.84	456	-0.111	-0.008	0.006	0.010	0.000000	0.000000	-769.81	-1737.47
1	FID	ACIS-S-4	6.92	456	0.237	0.056	0.006	0.012	0.000000	0.000000	2142.21	167.40
2	FID	ACIS-S-5	6.95	456	-0.155	-0.039	0.006	0.010	0.000000	0.000000	-1818.18	165.01
3	GUIDE	258474752	8.62	912	-0.077	-0.077	0.097	0.141	154.709053	27.383337	1273.10	1014.16
4	GUIDE	258867648	9.02	911	0.218	0.125	0.097	0.162	155.009536	28.439442	-683.36	-2380.59
5	GUIDE	258870472	8.95	912	0.012	-0.106	0.085	0.133	154.982668	27.675765	144.51	237.33
6	GUIDE	258871336	7.50	912	-0.069	0.172	0.069	0.108	155.372622	28.536550	-1886.38	-2406.93
7	GUIDE	258873656	7.91	911	-0.076	-0.108	0.069	0.115	155.265148	27.730175	-776.58	293.65

2.4 Star Slots

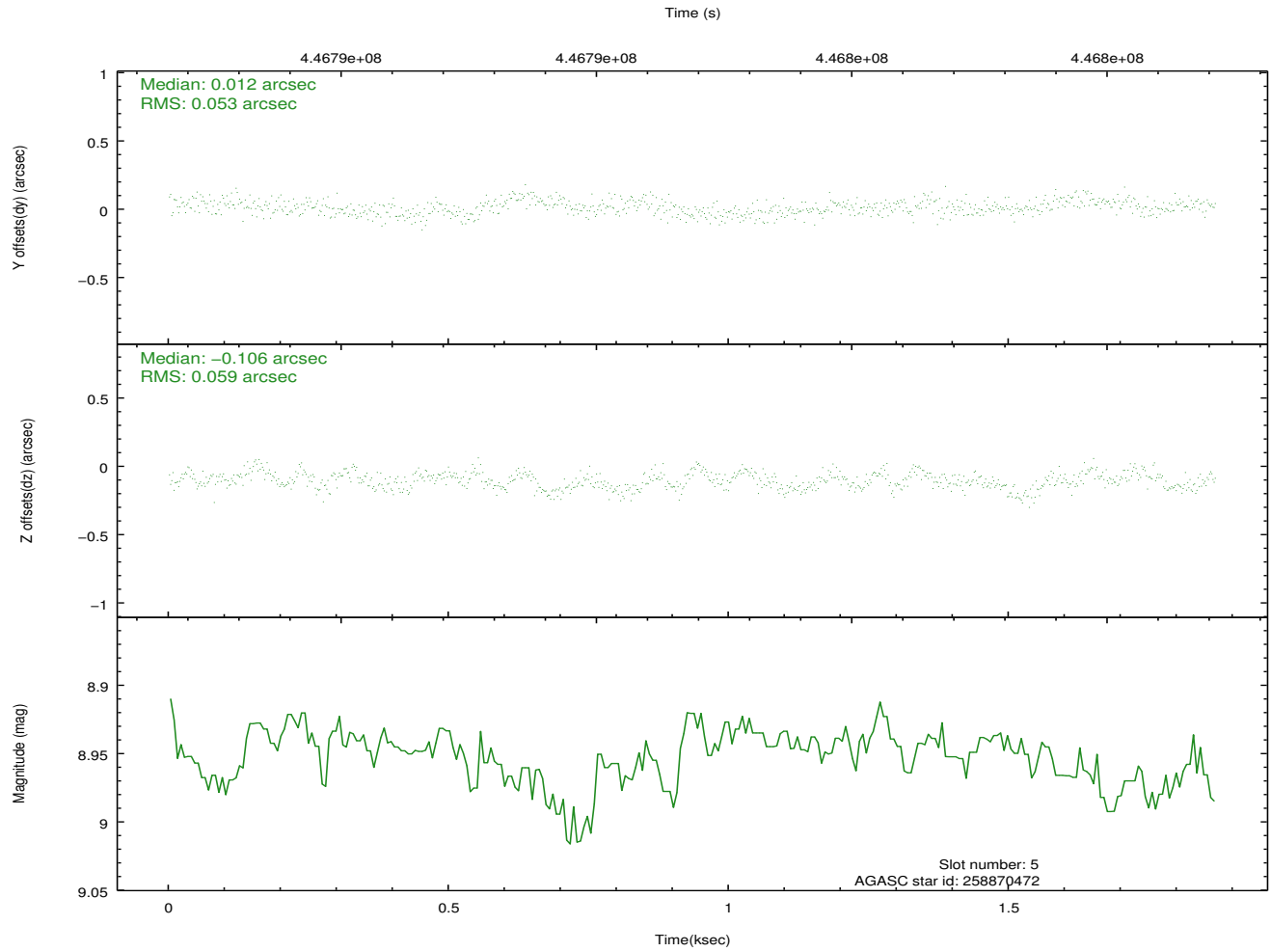
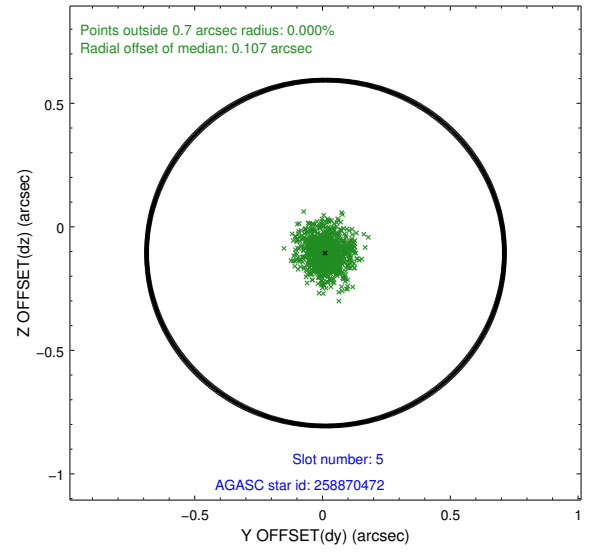
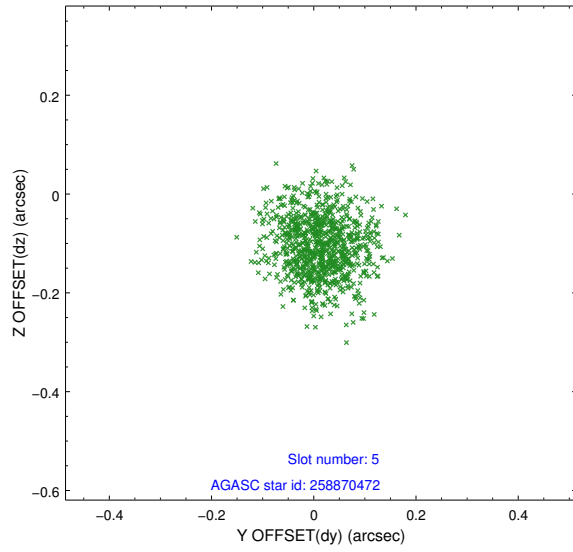
2.4.1 Slot 3



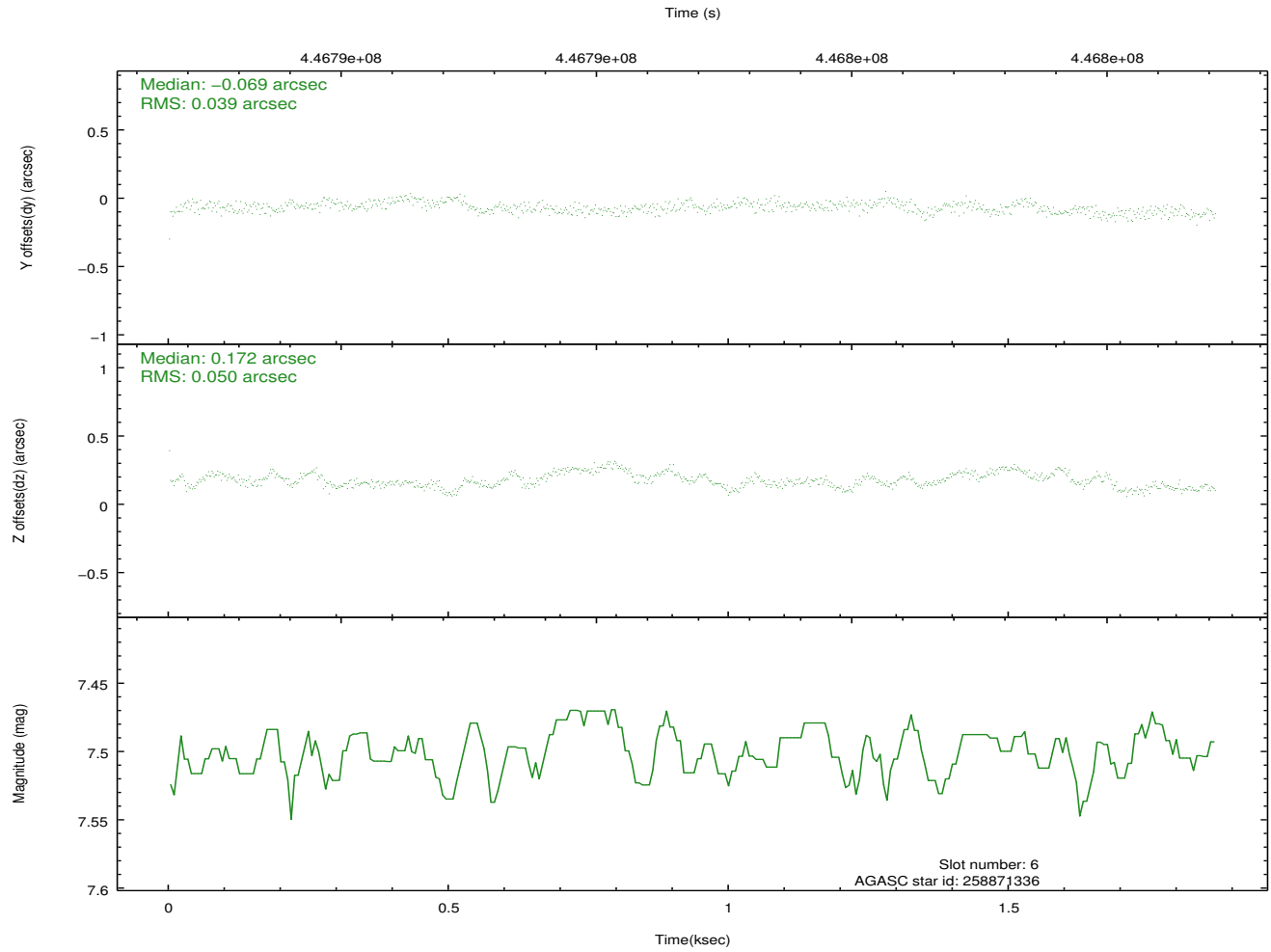
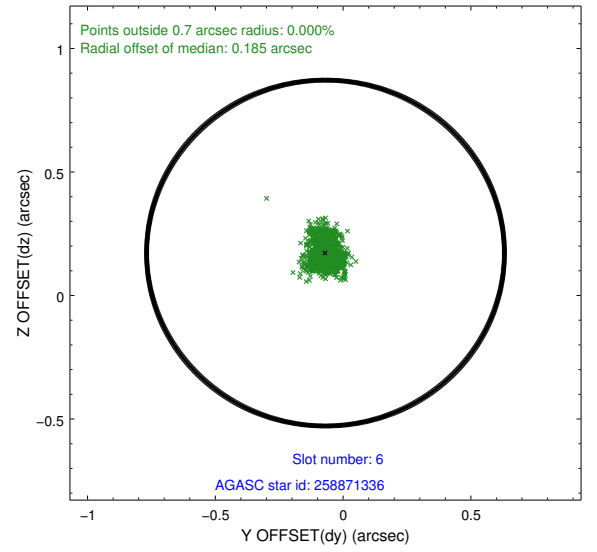
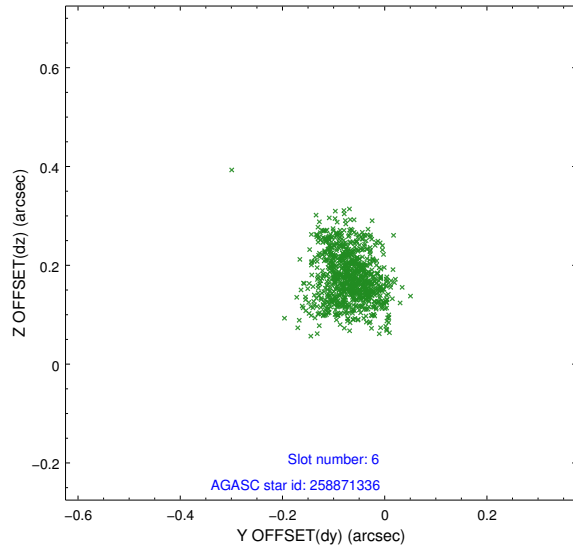
2.4.2 Slot 4



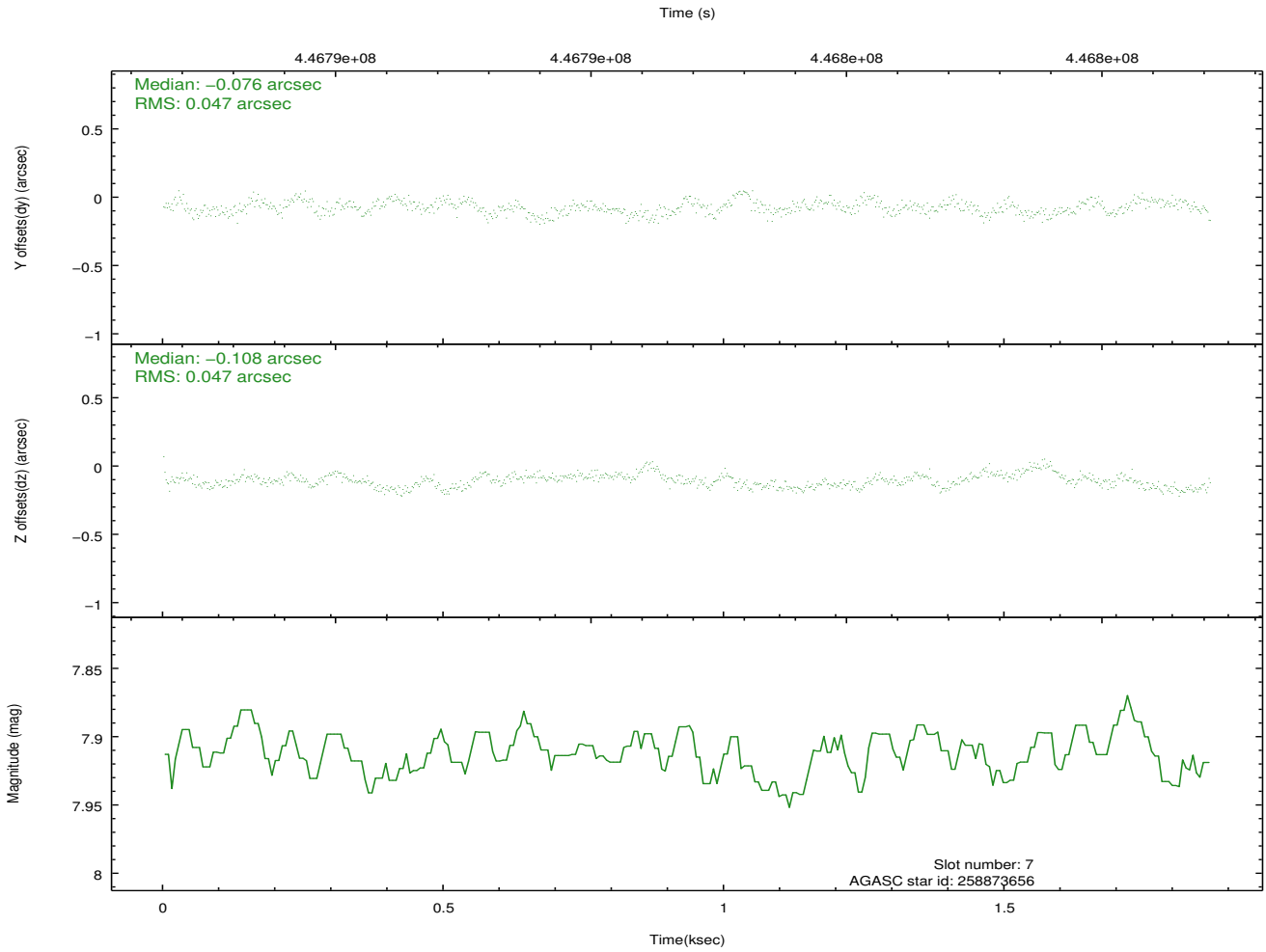
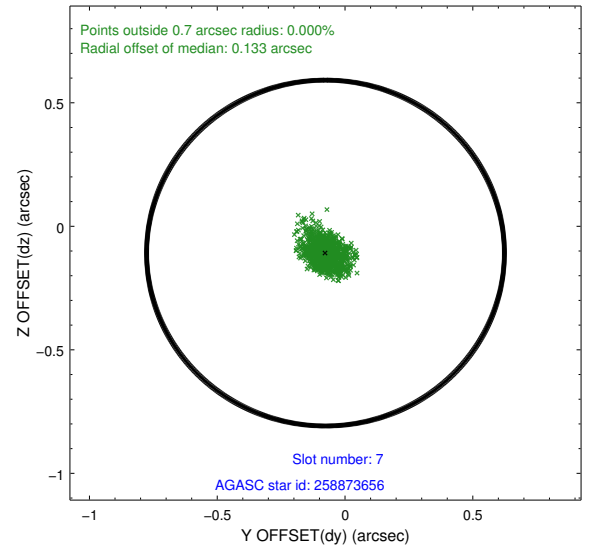
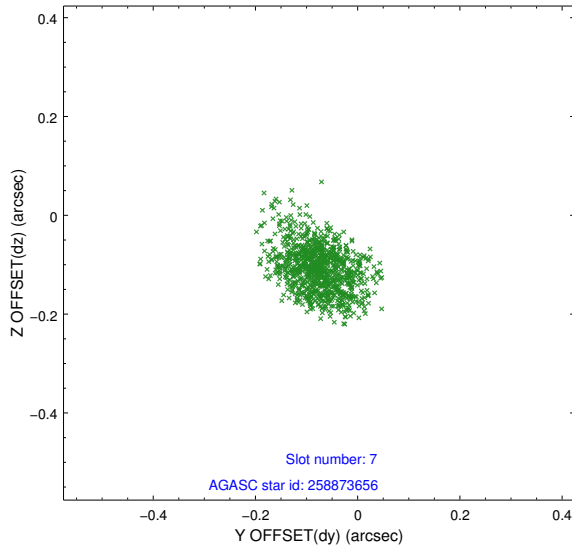
2.4.3 Slot 5



2.4.4 Slot 6

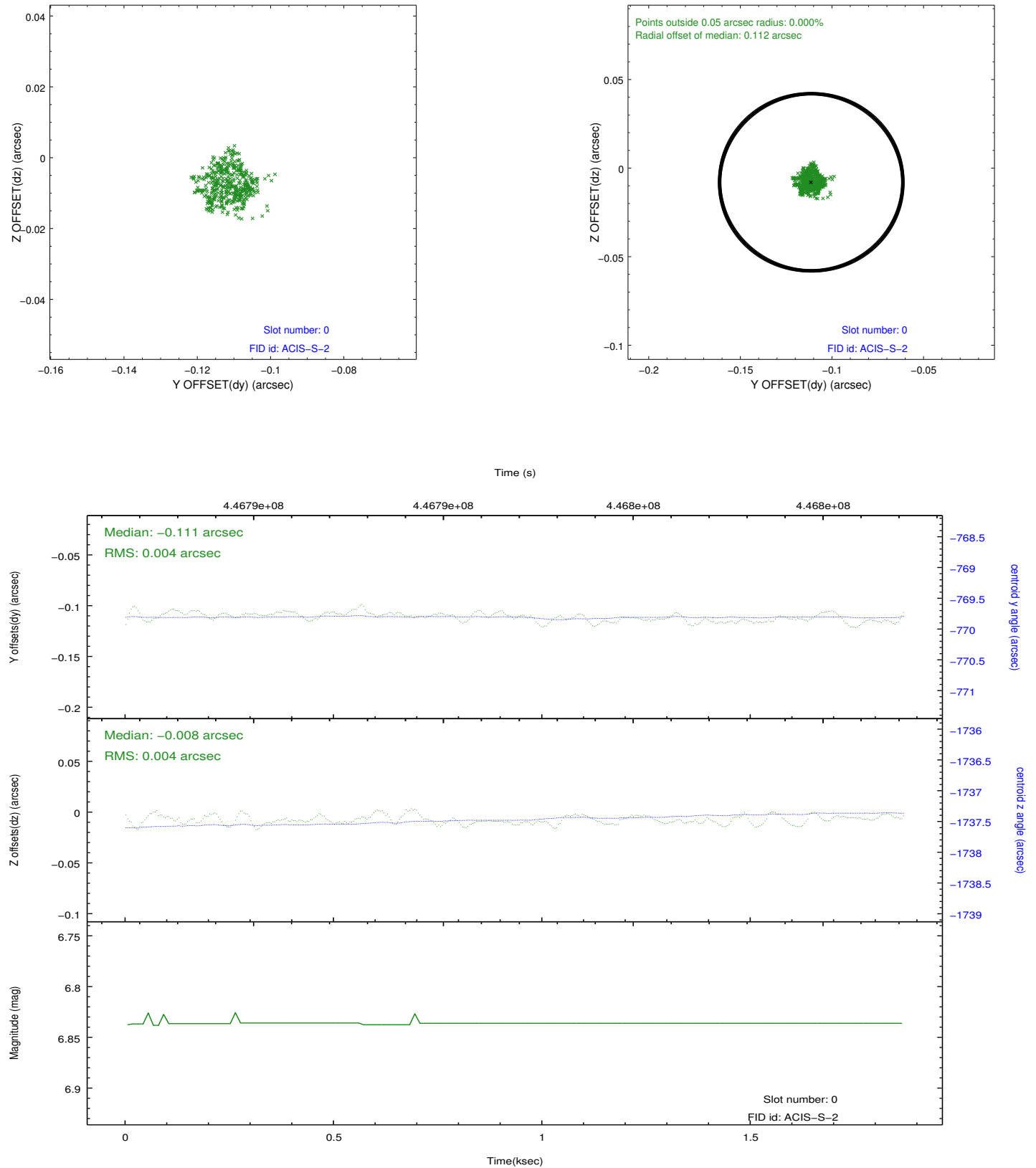


2.4.5 Slot 7

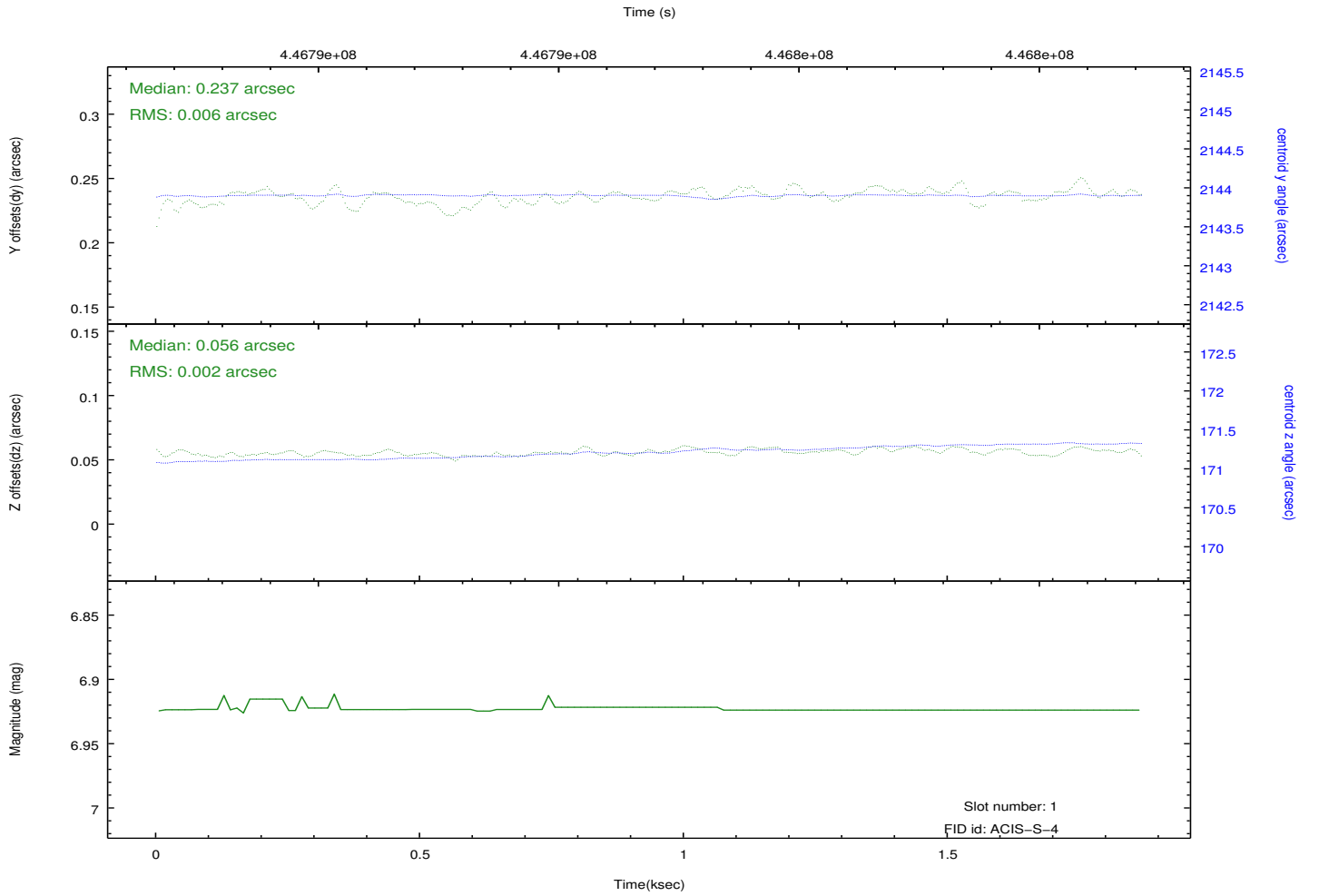
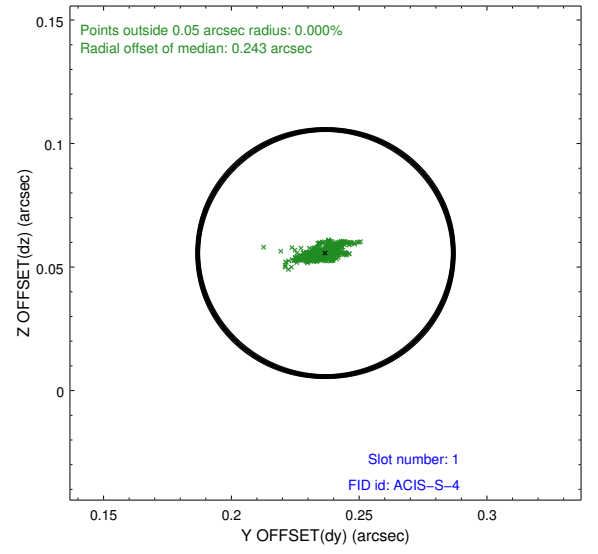
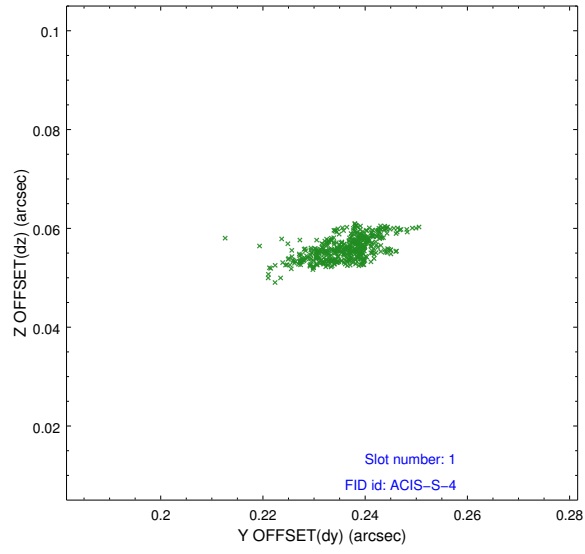


2.5 FID Slots

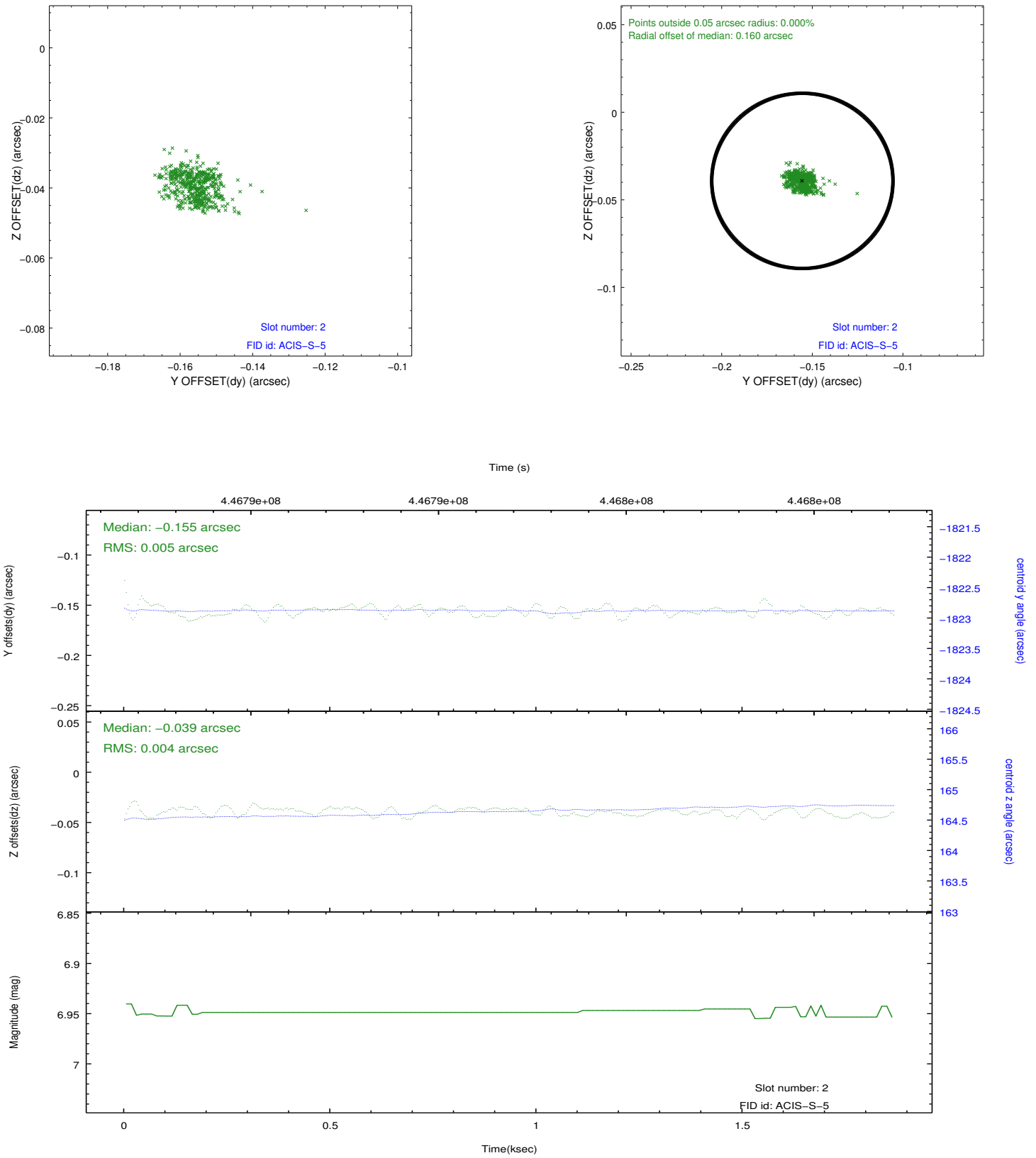
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.4880000114441

A.2 Comments