

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13329 - L2 Version 1
Chandra X-Ray Center

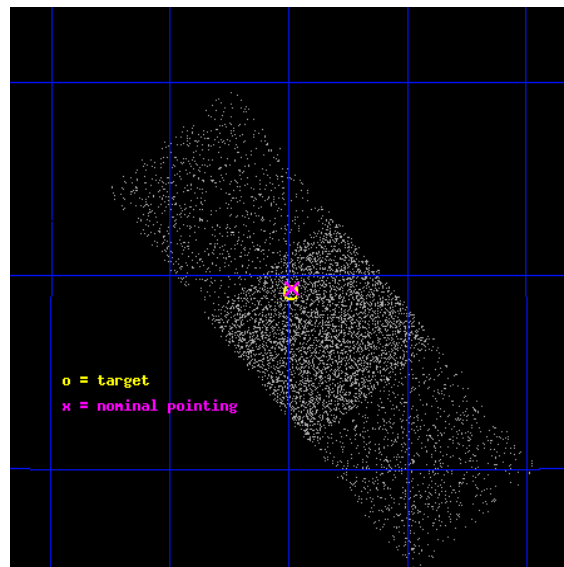
L2 Processing Date : Jan 11 2012

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1 Front

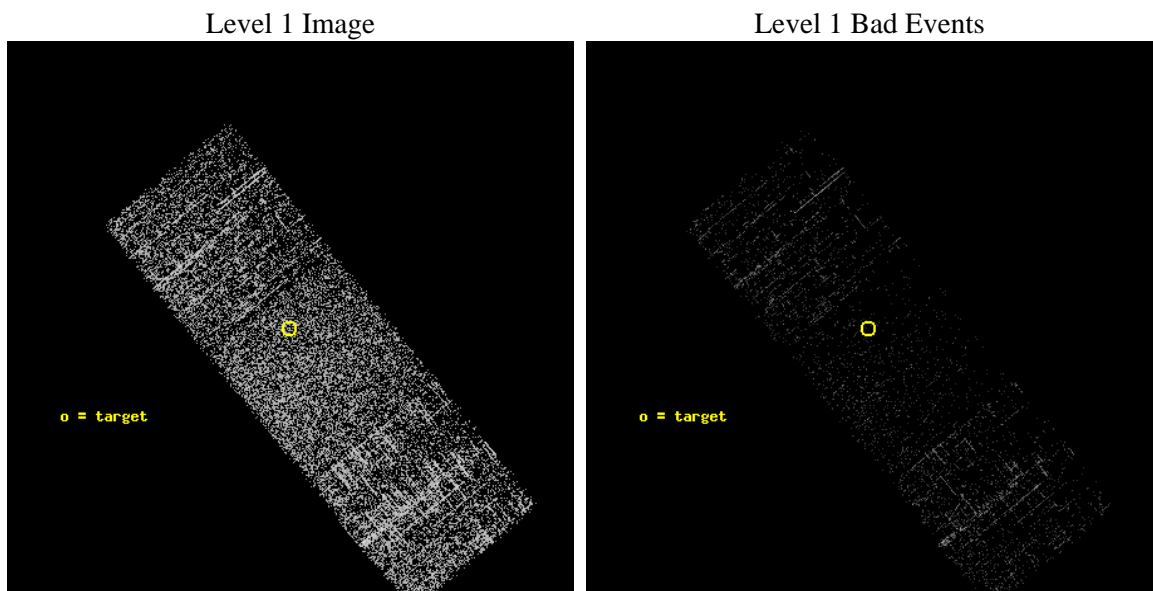
seq_num	702536	Sequence number
obs_id	13329	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1543+3359	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	235.872917	Observer's specified target RA [deg]
dec_targ	33.98575	Observer's specified target Dec [deg]
ra_nom	235.87173812754	Nominal RA [deg]
dec_nom	33.988943095808	Nominal Dec [deg]
roll_nom	50.842279458167	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1562.4000120163	Sum of GTIs [s]
livetime	1541.9861056371	Livetime [s]
ontime6	1562.4000120163	Sum of GTIs [s]
ontime7	1562.4000120163	Sum of GTIs [s]
ontime8	1562.4000120163	Sum of GTIs [s]
l2events	6738	Number of level 2 events



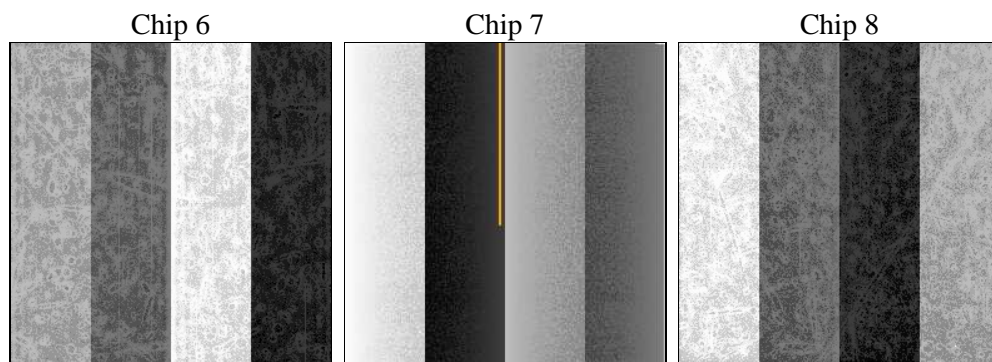
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1562.4000120163	Sum of GTIs [s]
caldsver	4.4.7	 	ontime6	1562.4000120163	Sum of GTIs [s]
date	2012-01-11T19:47:39	Date and time of file creation	ontime7	1562.4000120163	Sum of GTIs [s]
revision	1	Processing version of data	ontime8	1562.4000120163	Sum of GTIs [s]
			l1events	30953	Number of level 1 events

2.1.4 Events

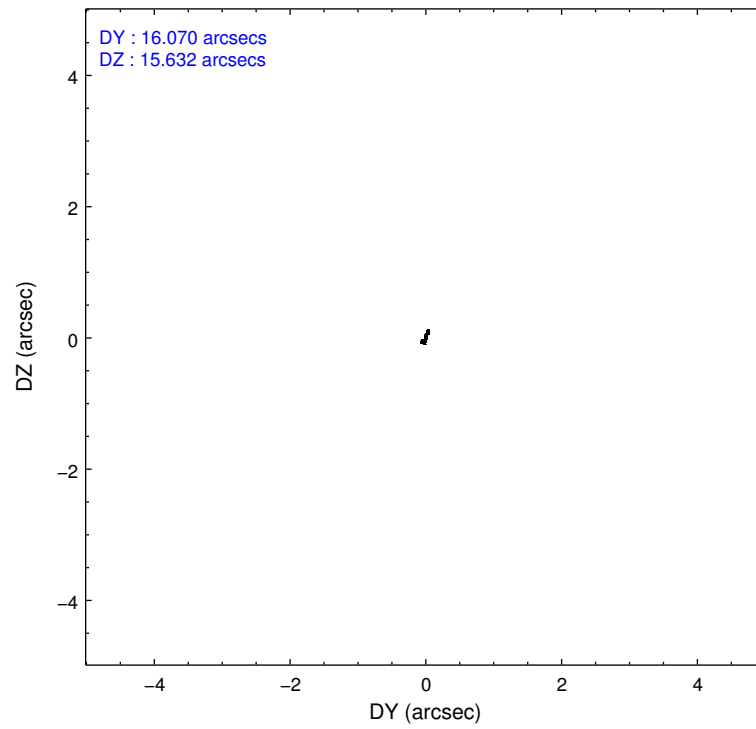
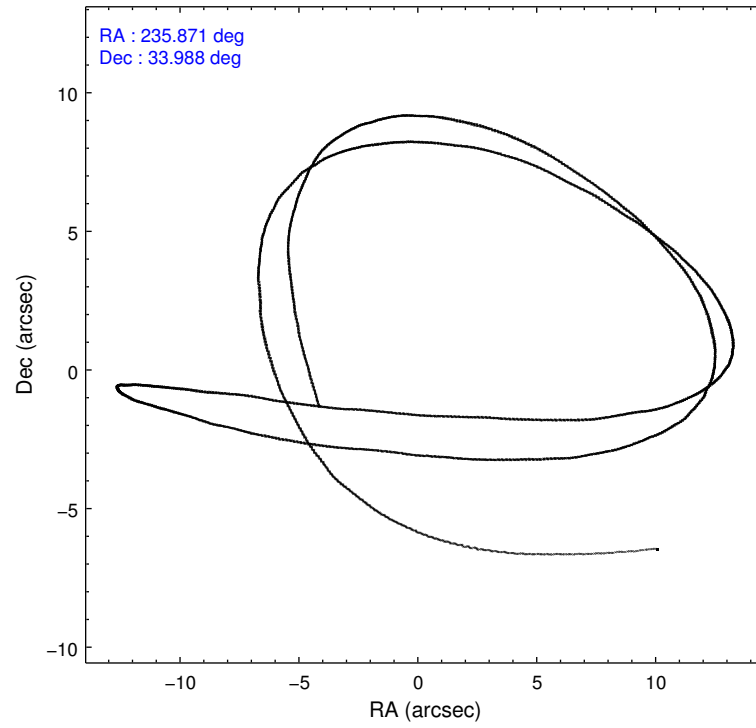
	ccd 6	ccd 7	ccd 8
level 1 events	8774	10055	12124
rejected events	7664	5195	8999
rejected %	87%	51%	74%

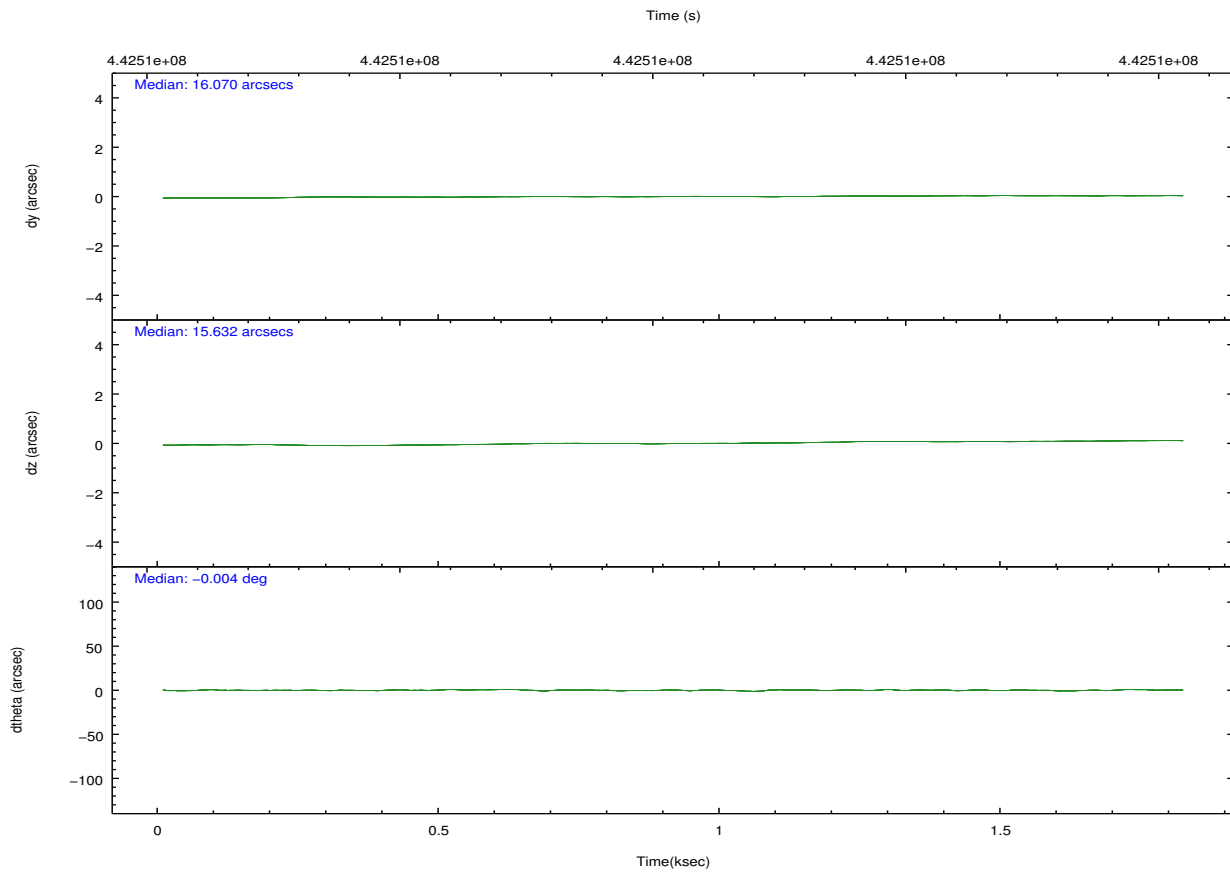
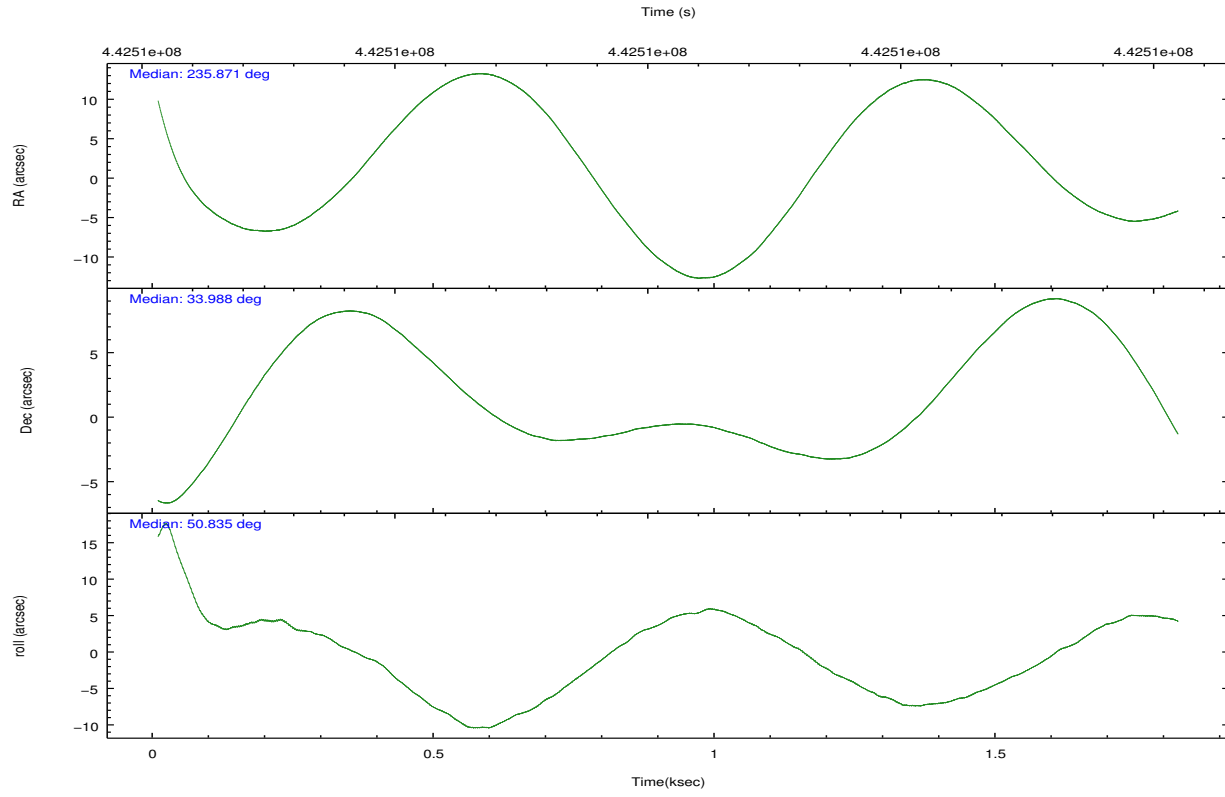
	ccd 6	ccd 7	ccd 8
grade 0 events	454	512	808
	5%	5%	6%
grade 1 events	4	22	7
	0%	0%	0%
grade 2 events	209	1023	820
	2%	10%	6%
grade 3 events	100	436	302
	1%	4%	2%
grade 4 events	112	426	279
	1%	4%	2%
grade 5 events	375	1104	603
	4%	10%	4%
grade 6 events	236	2469	935
	2%	24%	7%
grade 7 events	7284	4063	8370
	83%	40%	69%

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	235.866963	235.8717381275419	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.961576	33.98894309580798	Alternating exposures requested	N	N
[deg] Pointing Roll	50.688197	50.84227945816673	[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)	442508453.184000	442507512.28515			
Observation start date	2012-01-09T14:59:47	2012-01-09T14:45:12			
[s] Observation end time (MET)	442509953.184000	442511057.24784			
Observation end date	2012-01-09T15:24:47	2012-01-09T15:44:17			
Read mode	TIMED	TIMED			

2.3 Aspect



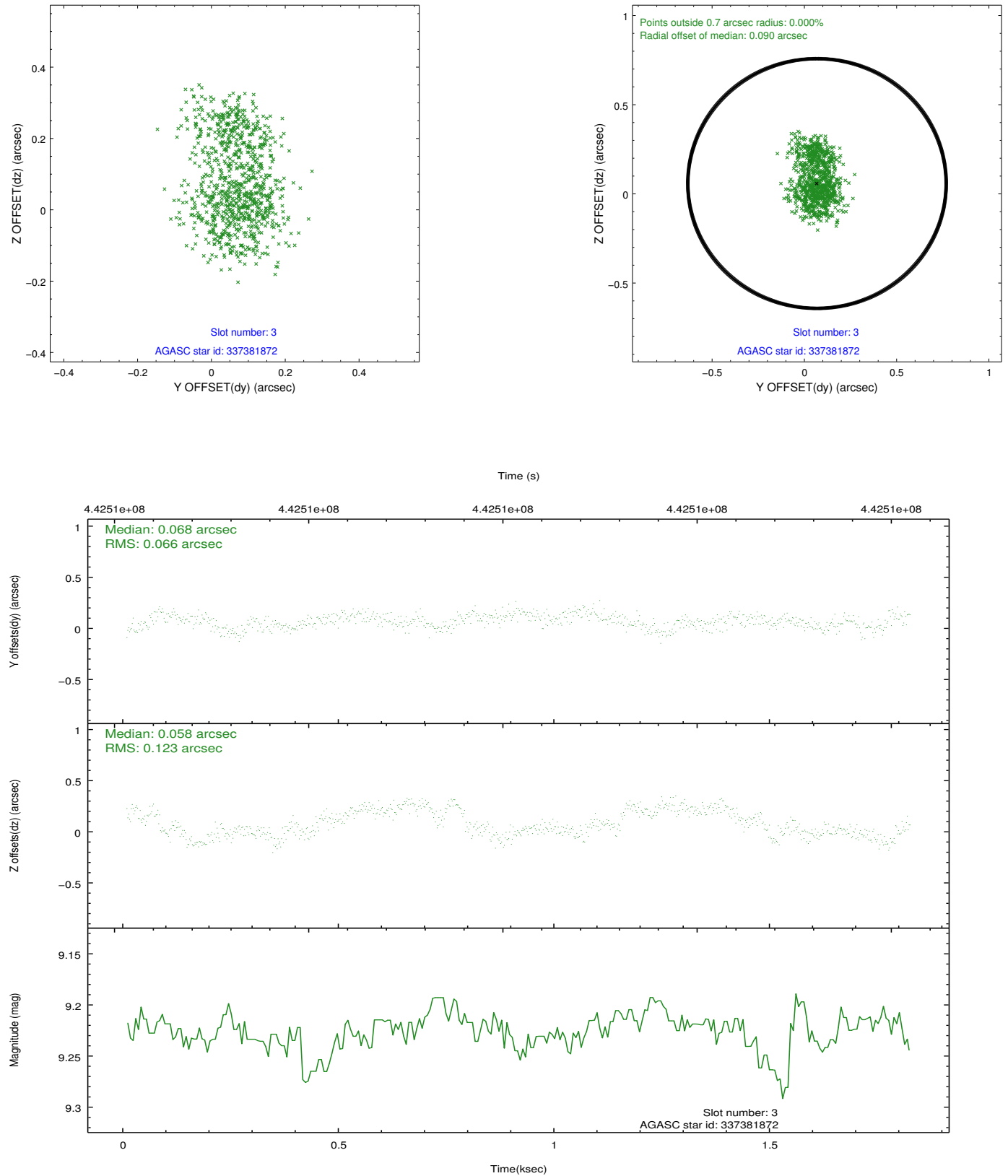


Slot Statistics

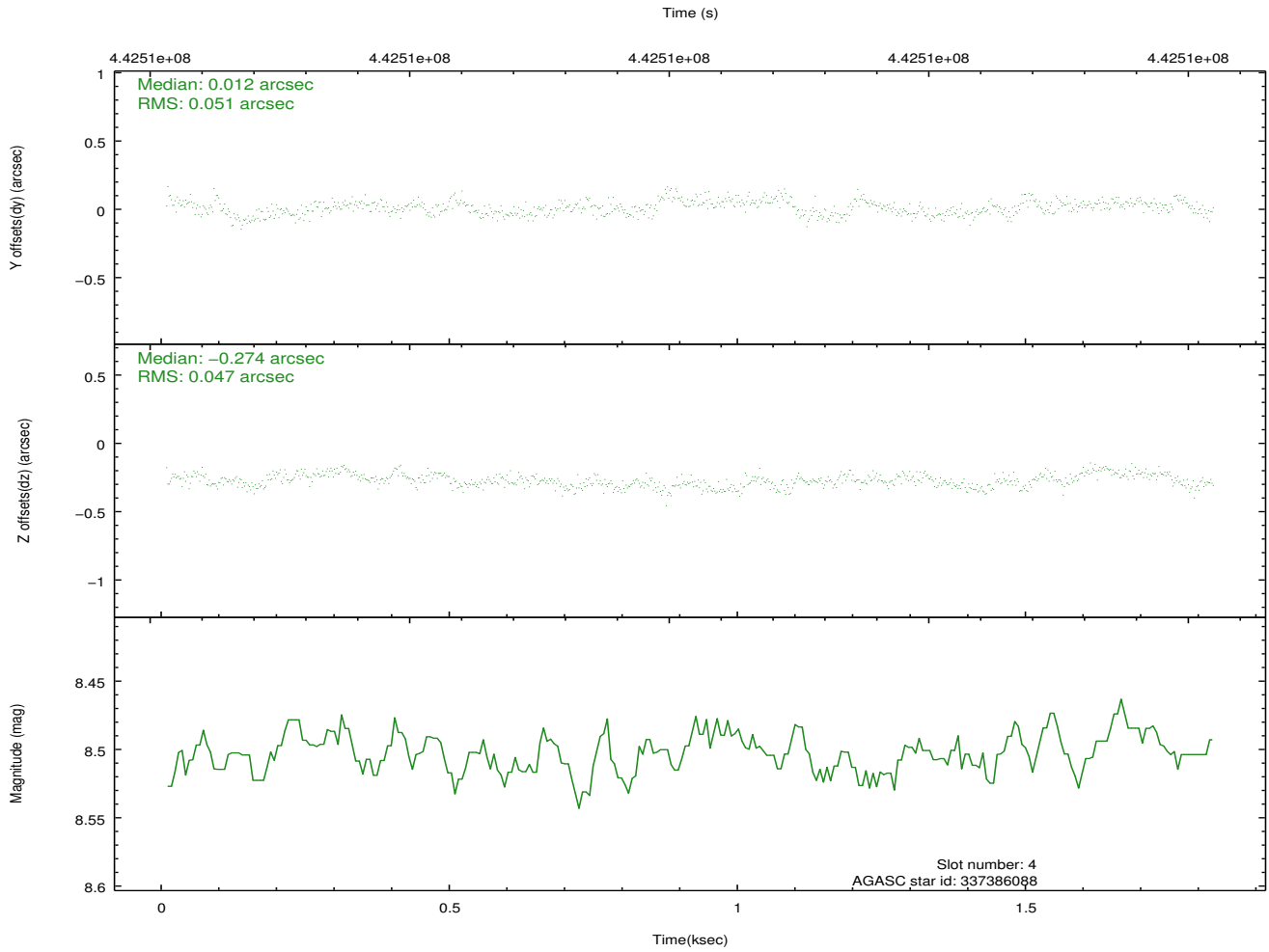
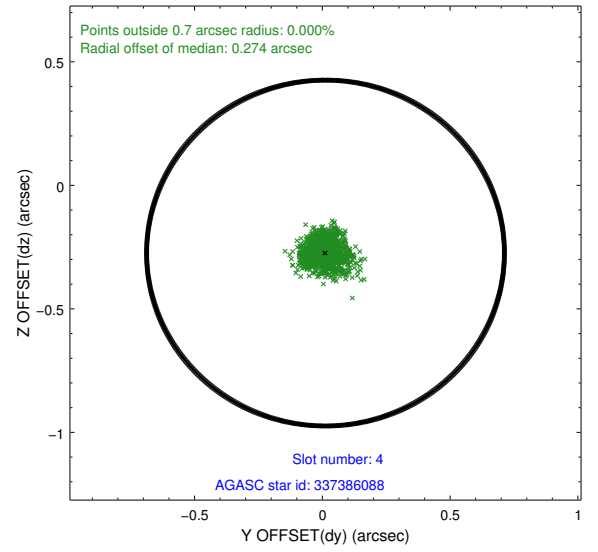
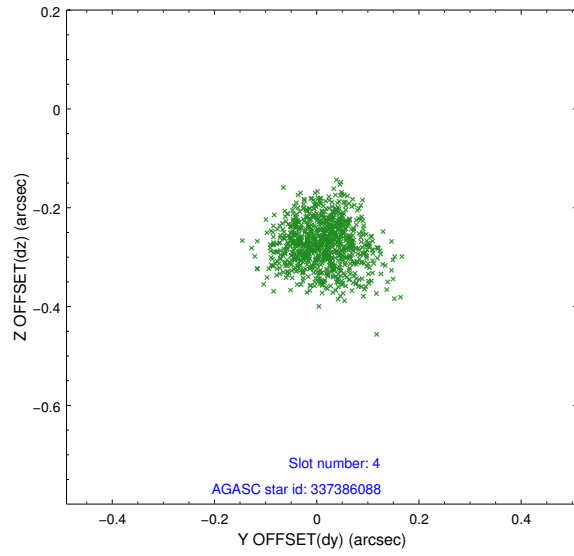
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.99	442	-0.129	-0.020	0.006	0.010	0.000000	0.000000	-769.19	-1737.06
1	FID	ACIS-S-4	7.08	443	0.247	0.068	0.006	0.010	0.000000	0.000000	2142.79	167.75
2	FID	ACIS-S-5	7.11	443	-0.150	-0.039	0.006	0.010	0.000000	0.000000	-1817.42	165.44
3	GUIDE	337381872	9.22	887	0.068	0.058	0.156	0.232	236.480787	33.780193	662.50	-1831.48
4	GUIDE	337386088	8.50	887	0.012	-0.274	0.075	0.113	235.813318	34.812010	2267.96	2059.73
5	GUIDE	337387272	9.55	886	-0.070	0.026	0.128	0.217	236.538181	34.156368	1816.17	-1096.79
6	GUIDE	337392984	9.45	884	0.243	0.005	0.093	0.155	235.342922	33.530050	-2193.53	232.87
7	GUIDE	337394264	9.57	884	-0.251	0.159	0.124	0.216	235.466774	34.405358	481.22	1933.12

2.4 Star Slots

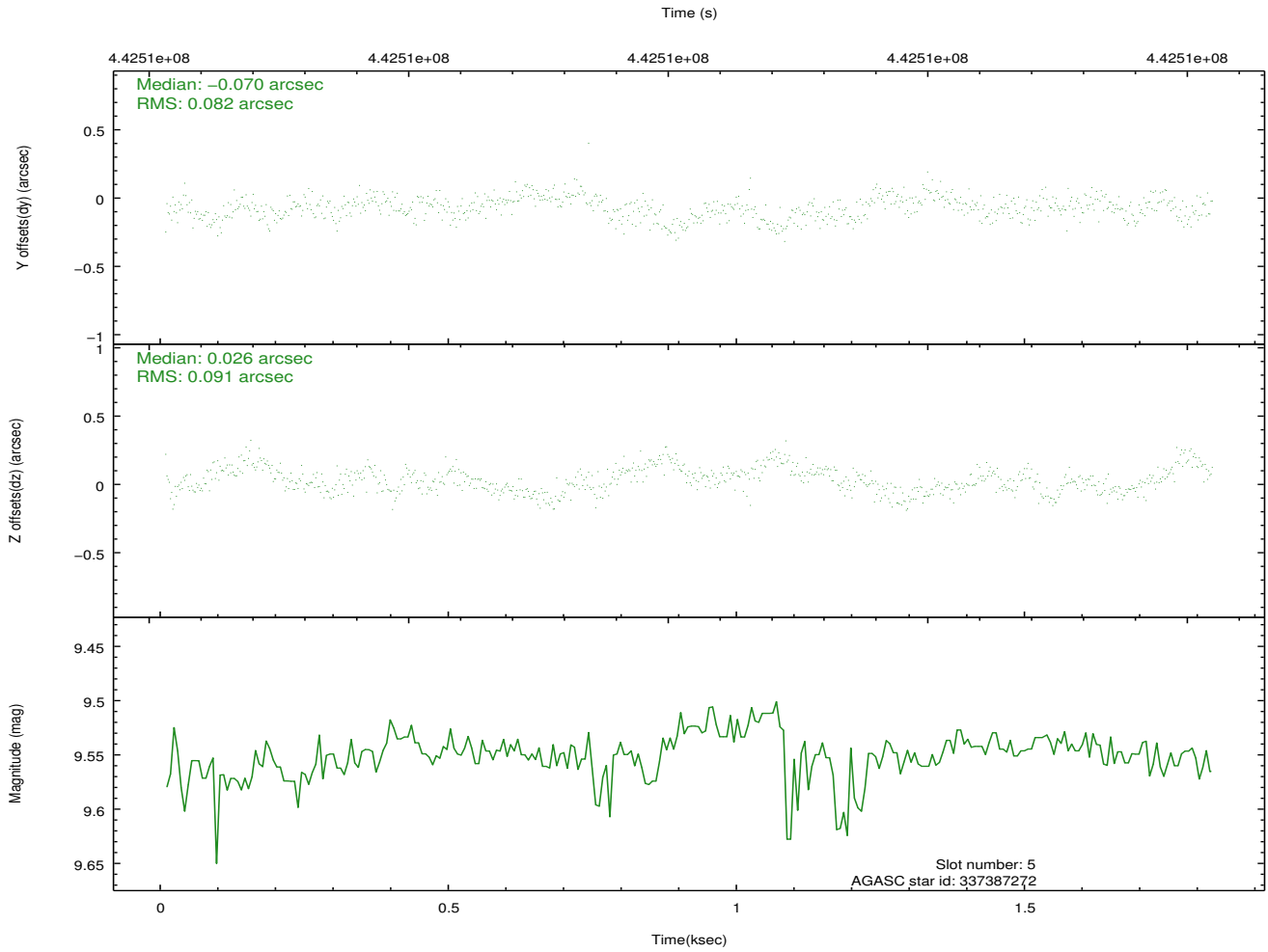
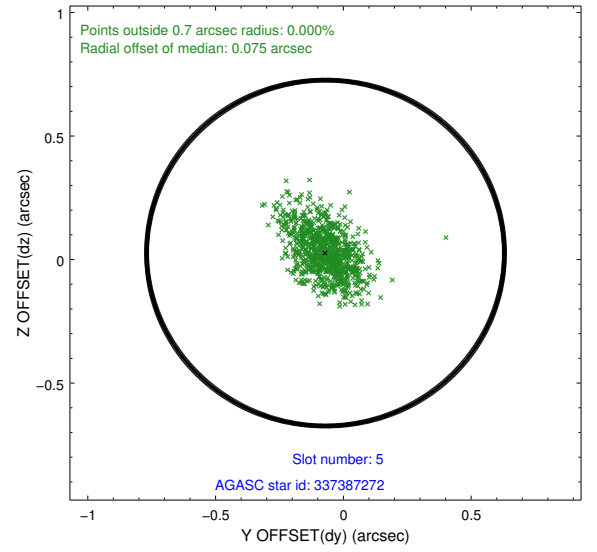
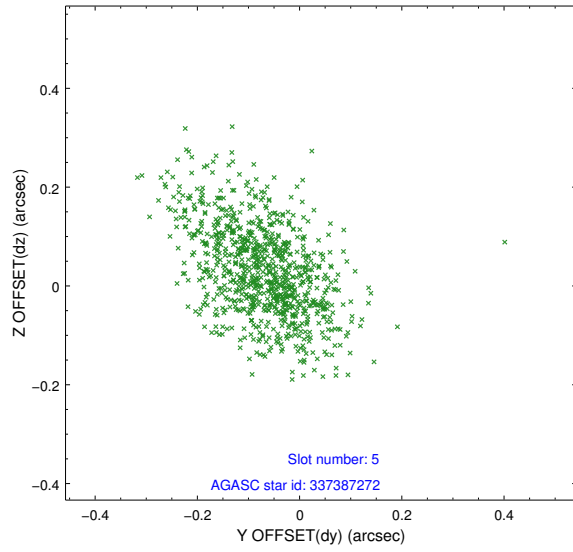
2.4.1 Slot 3



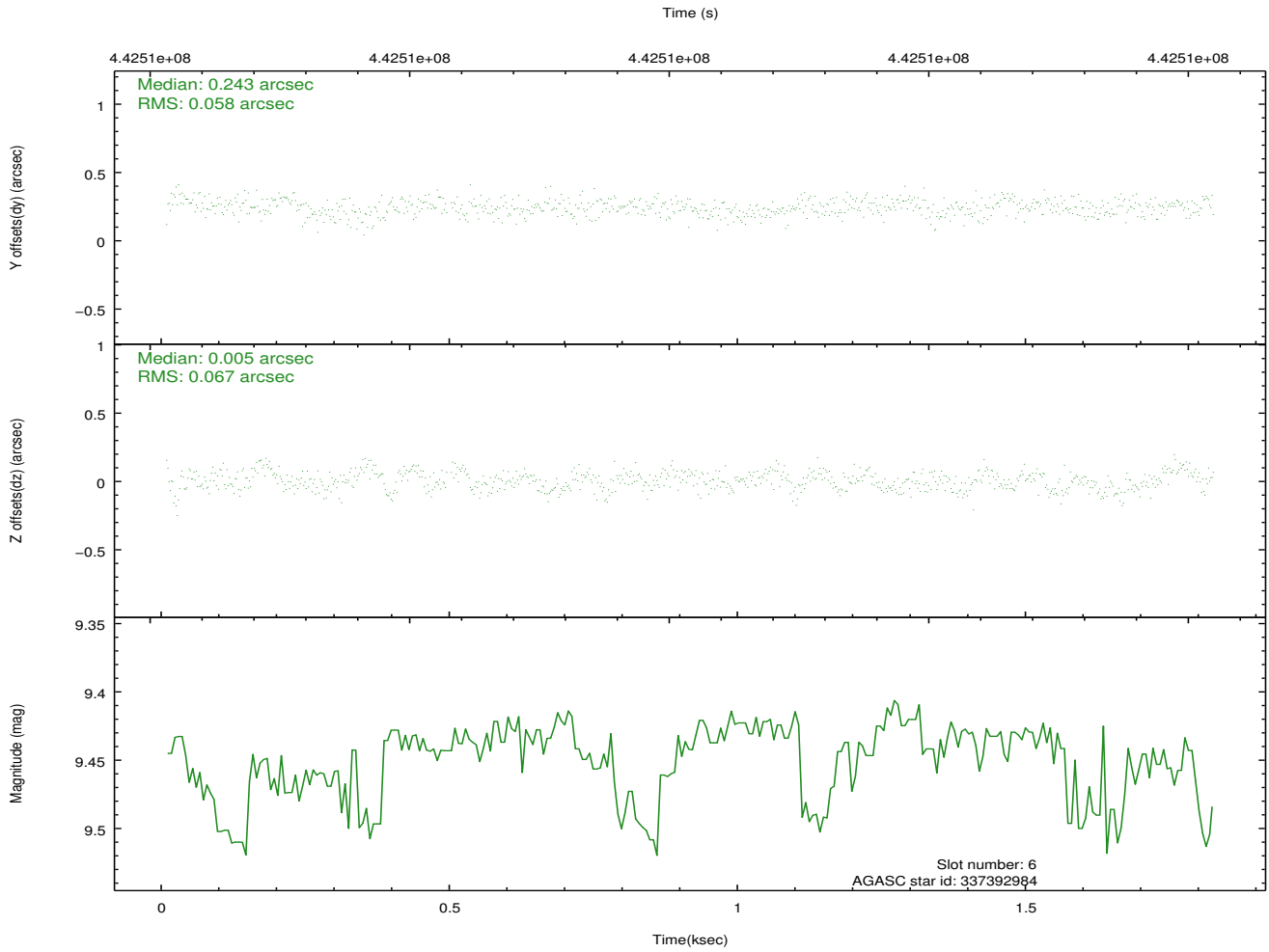
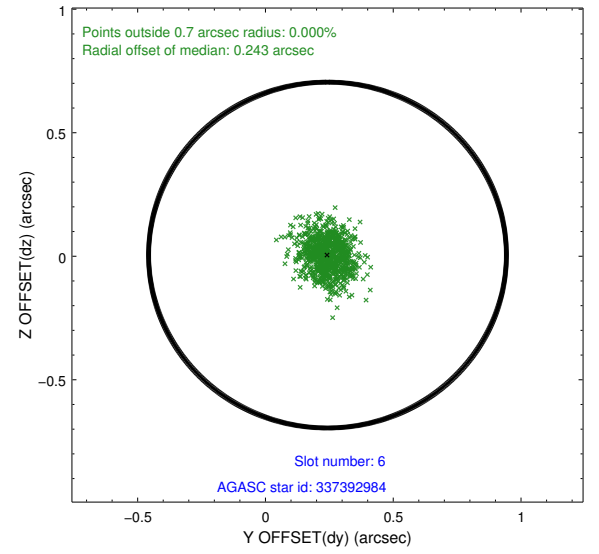
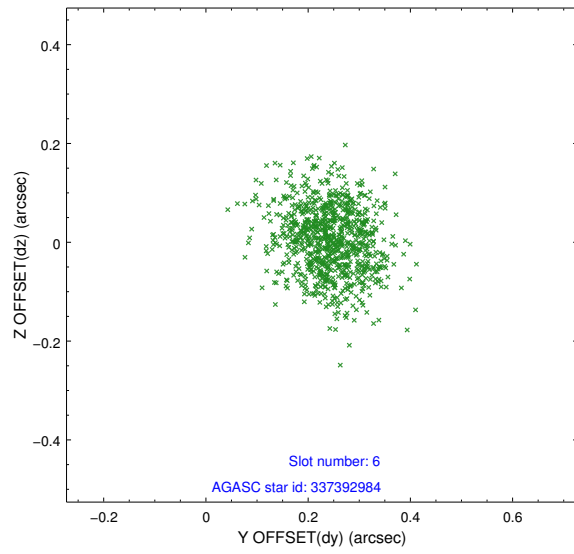
2.4.2 Slot 4



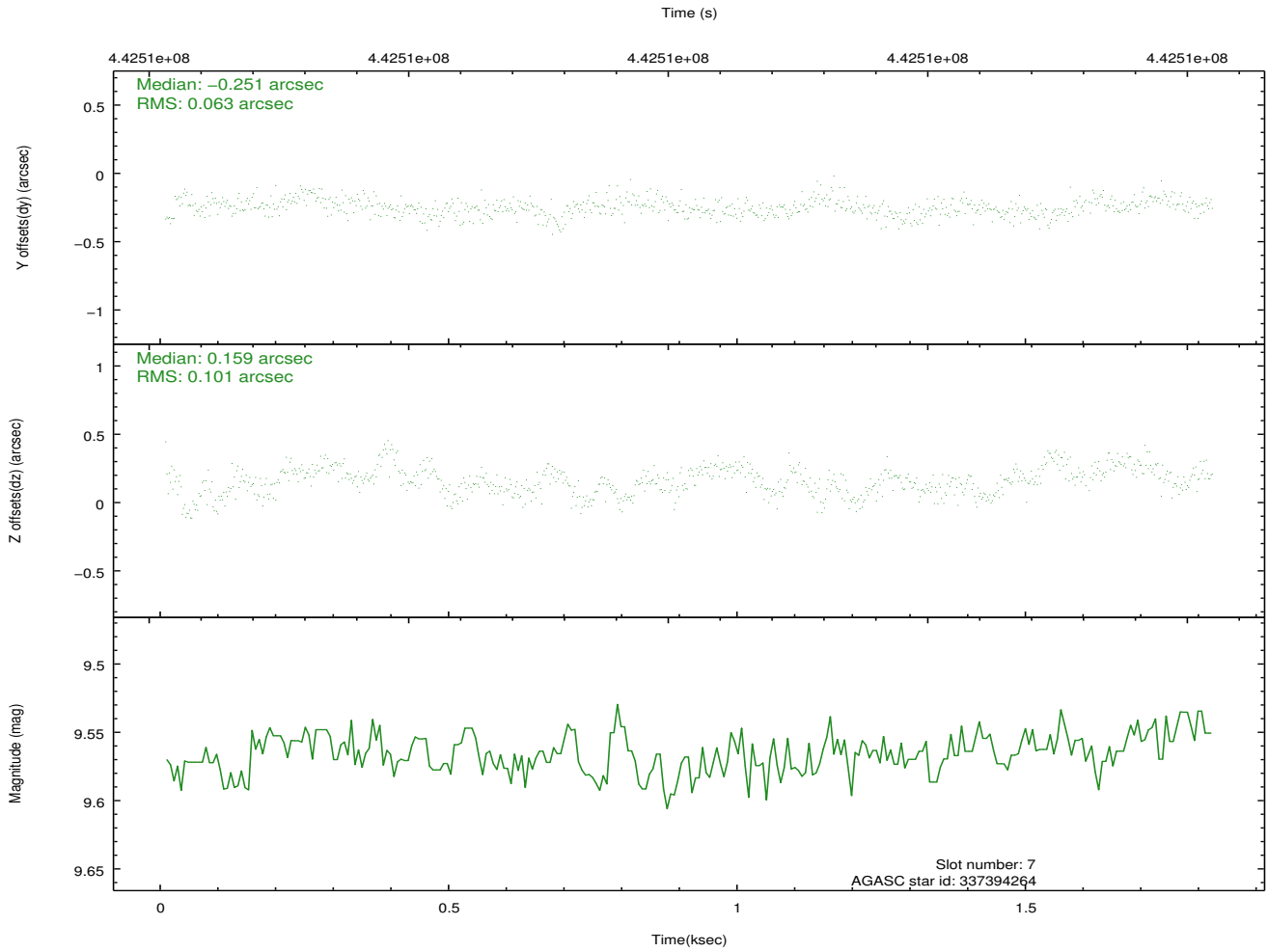
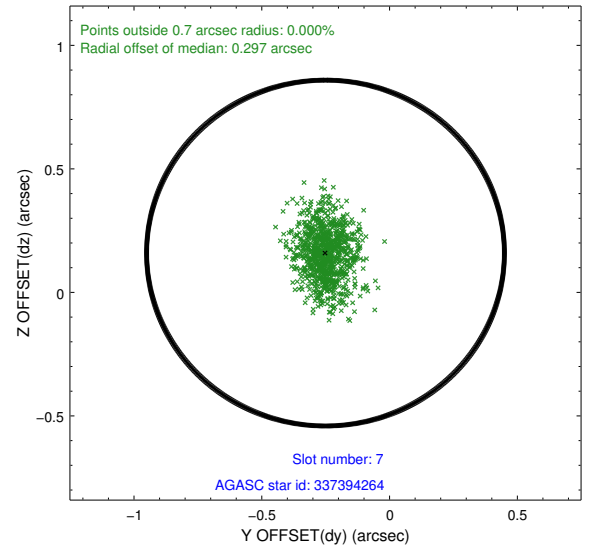
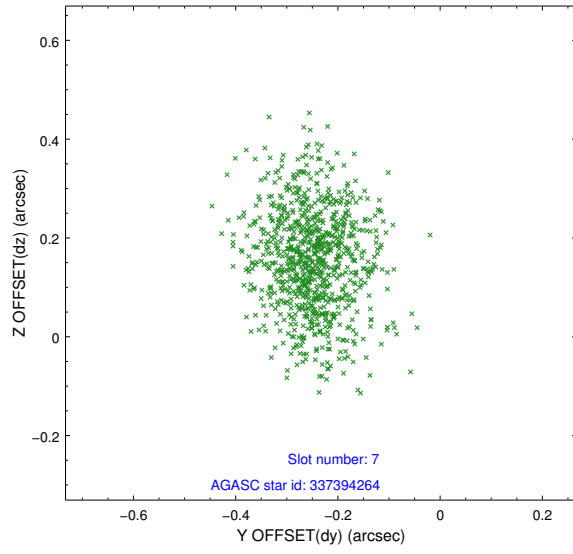
2.4.3 Slot 5



2.4.4 Slot 6

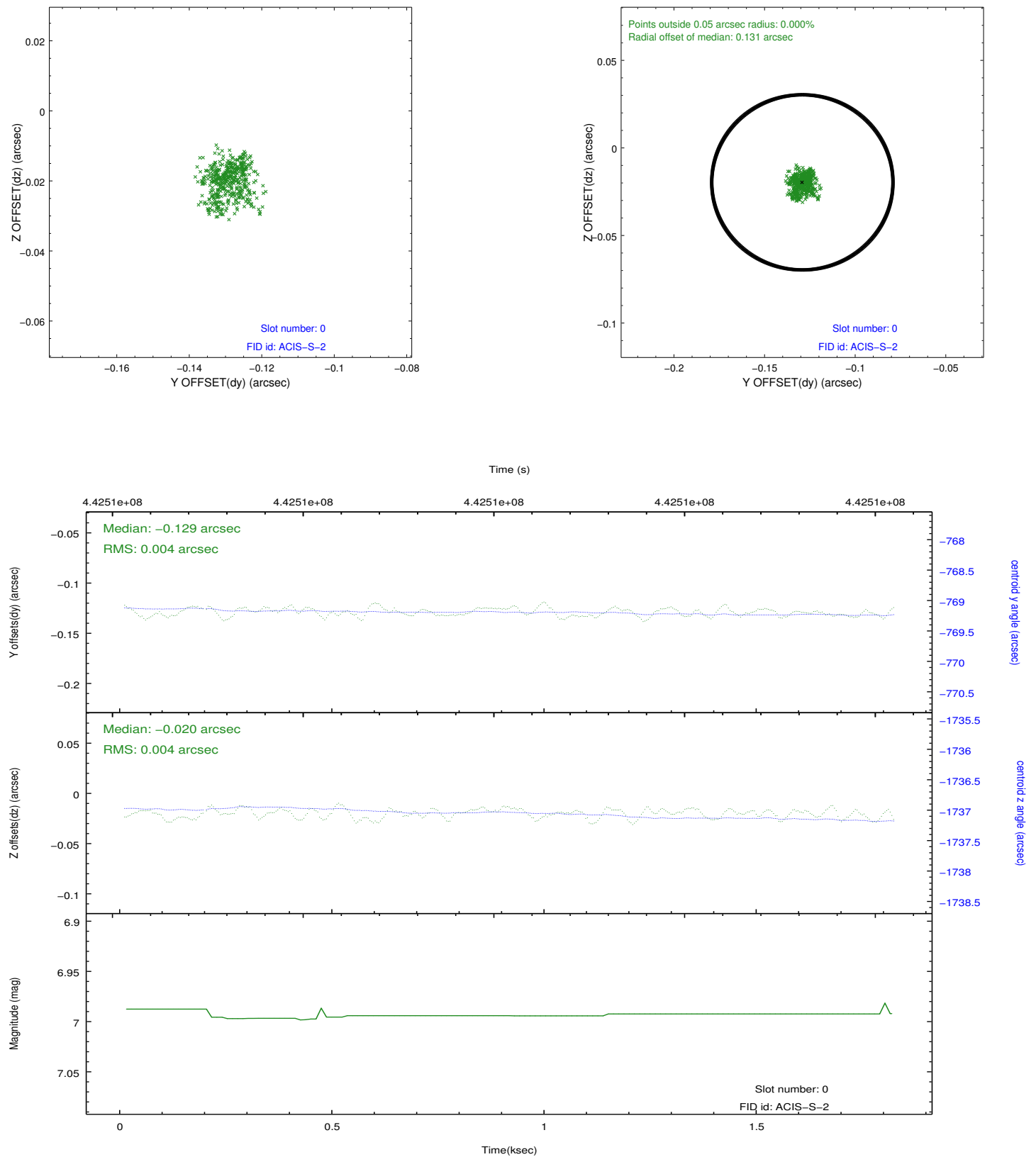


2.4.5 Slot 7

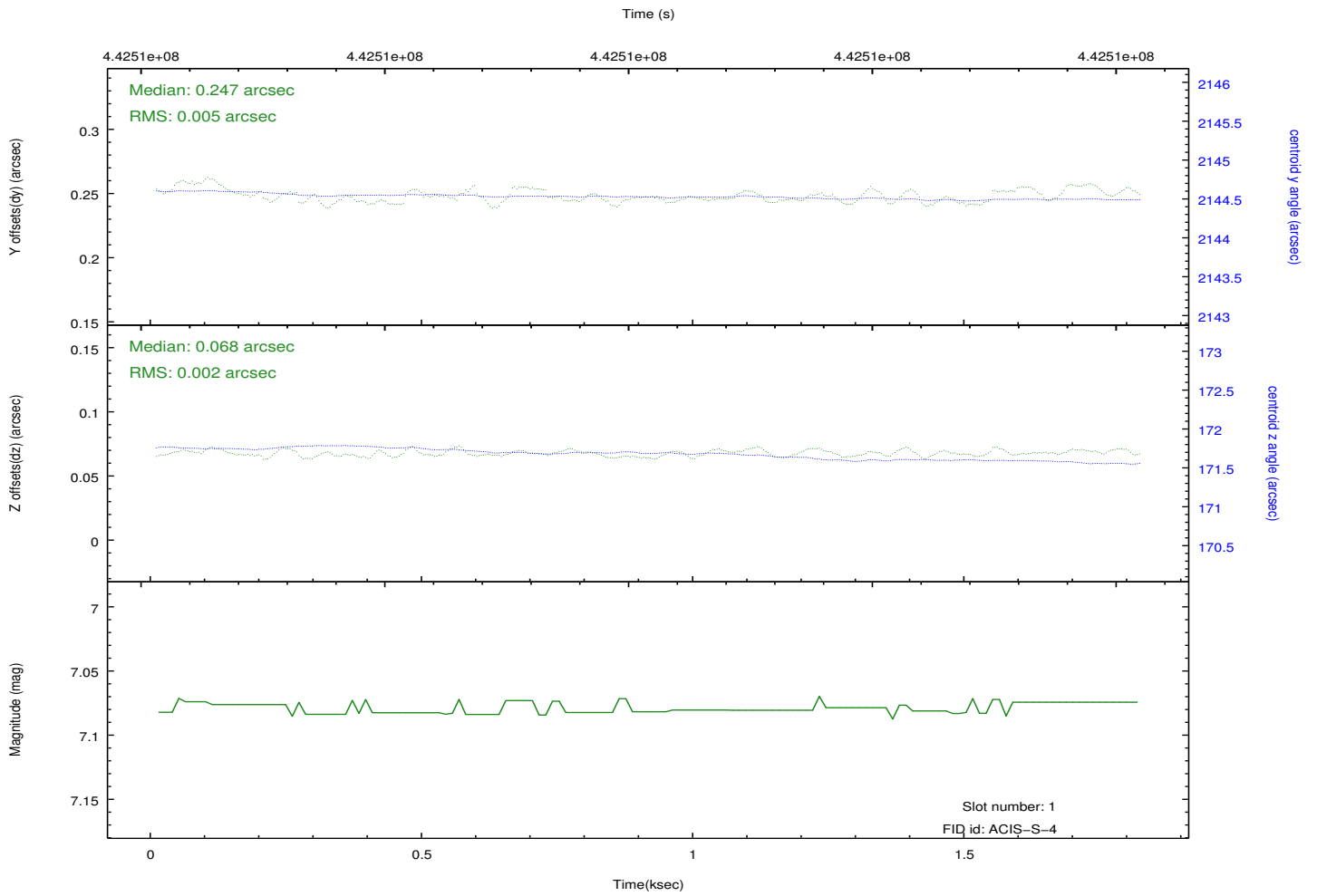
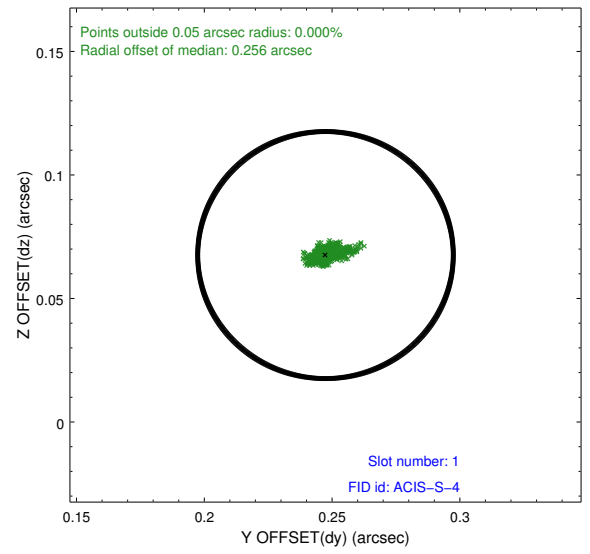
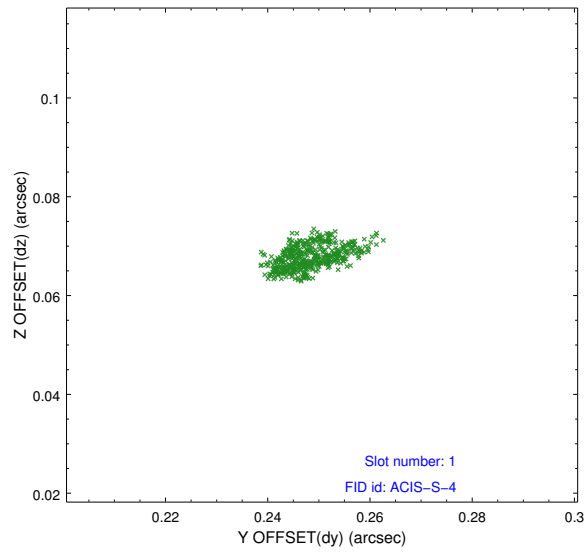


2.5 FID Slots

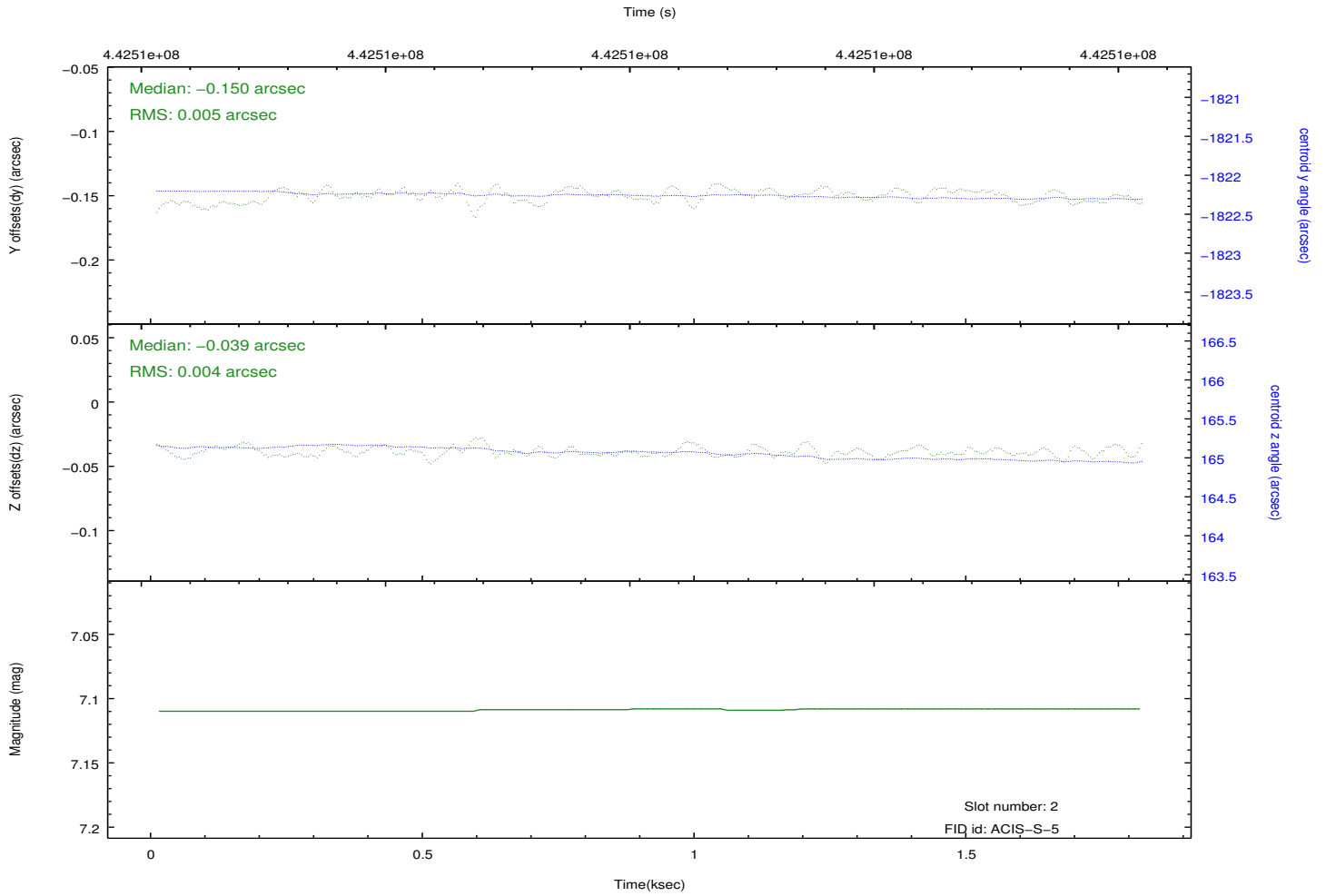
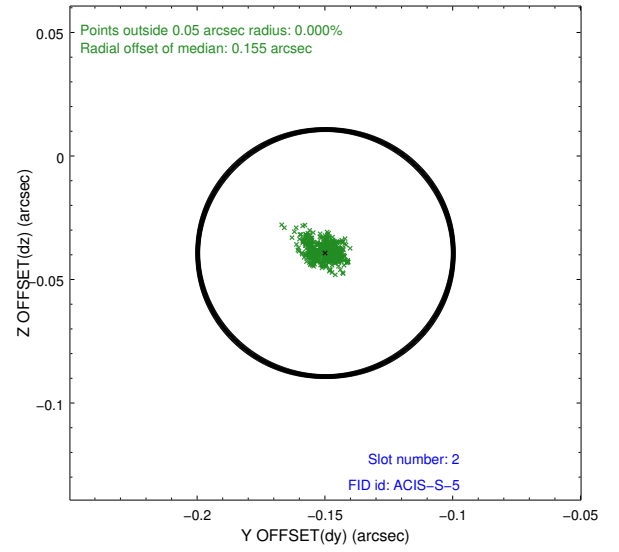
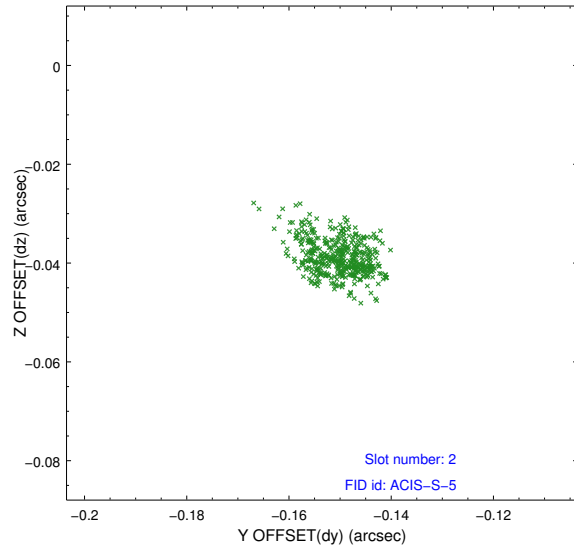
2.5.1 Slot 0



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)	2012.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5624000120163

A.2 Comments