

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12946 - L2 Version 2
Chandra X-Ray Center

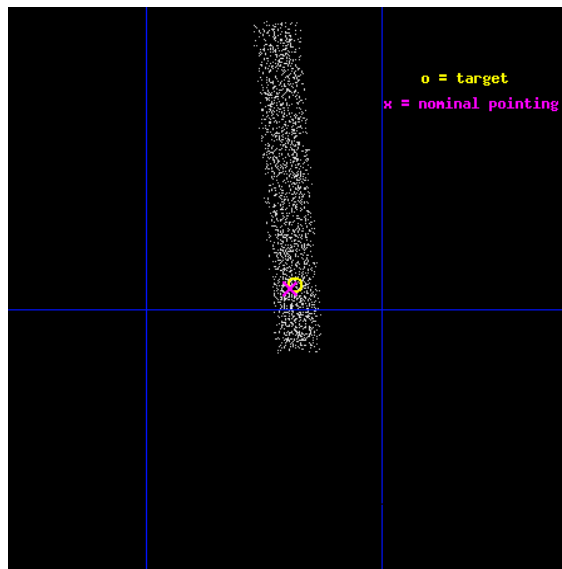
L2 Processing Date : Feb 24 2012

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1 Front

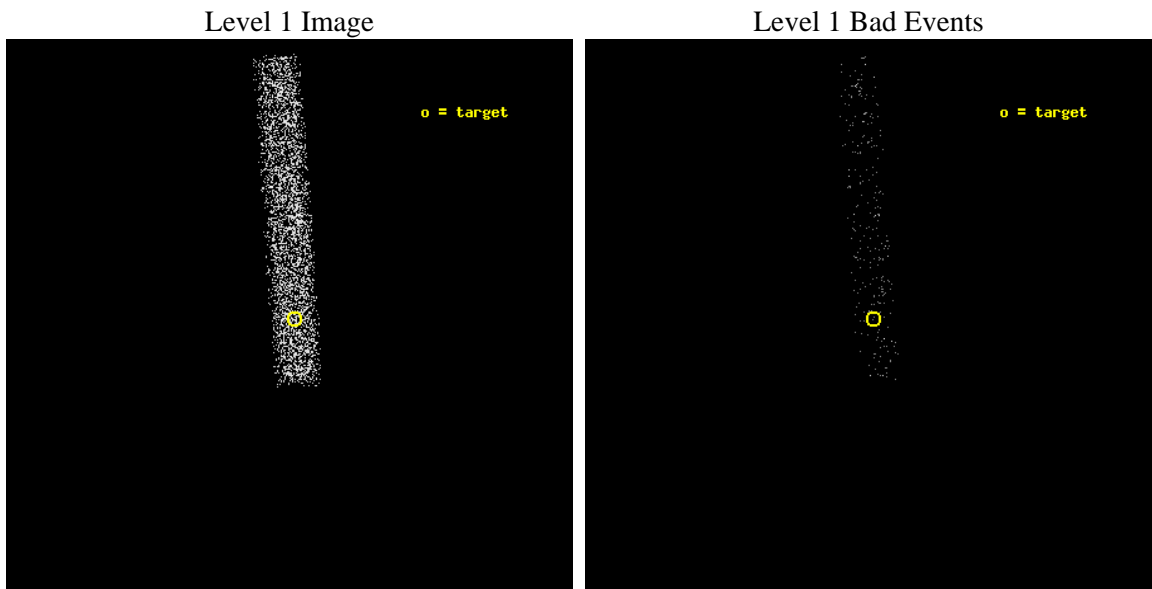
seq_num	900978	Sequence number
obs_id	12946	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J175911.0-344921	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	269.795833	Observer's specified target RA [deg]
dec_targ	-34.8225	Observer's specified target Dec [deg]
ra_nom	269.79878172063	Nominal RA [deg]
dec_nom	-34.824284960257	Nominal Dec [deg]
roll_nom	265.99515570814	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3856.690758884	Sum of GTIs [s]
livetime	3497.8149454779	Livetime [s]
ontime7	3856.690758884	Sum of GTIs [s]
l2events	2254	Number of level 2 events



2 OBI

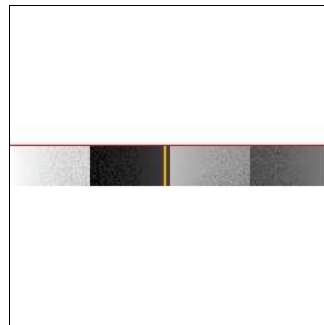
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3856.690758884	Sum of GTIs [s]
caldbver	4.4.8	 	ontime7	3856.690758884	Sum of GTIs [s]
date	2012-02-25T02:48:38	Date and time of file creation	l1events	4363	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

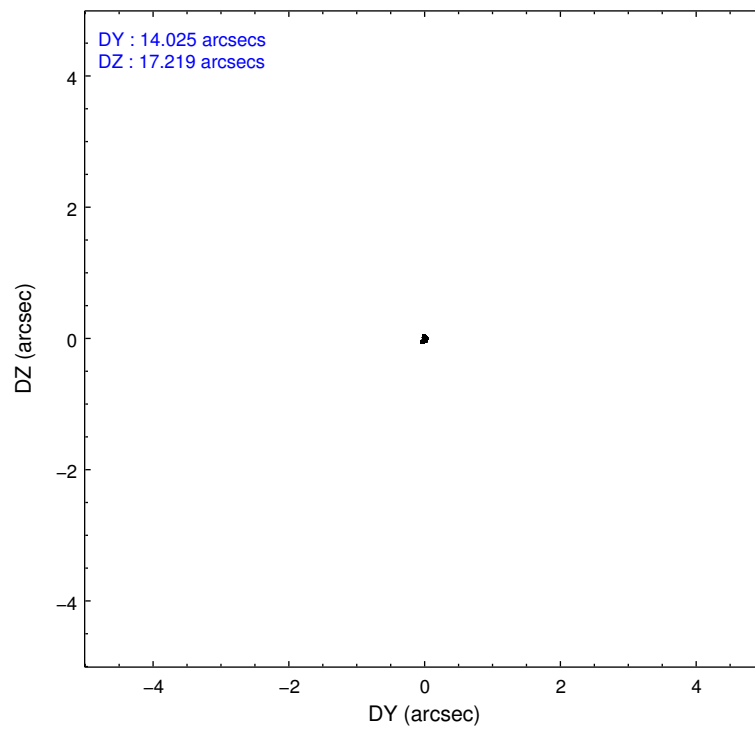
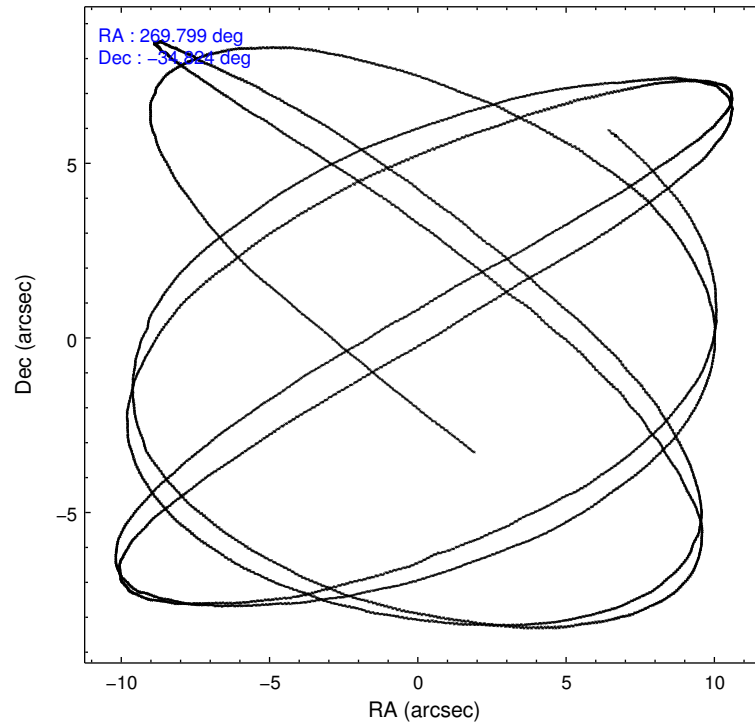
	ccd 7
level 1 events	4363
rejected events	2025
rejected %	46%

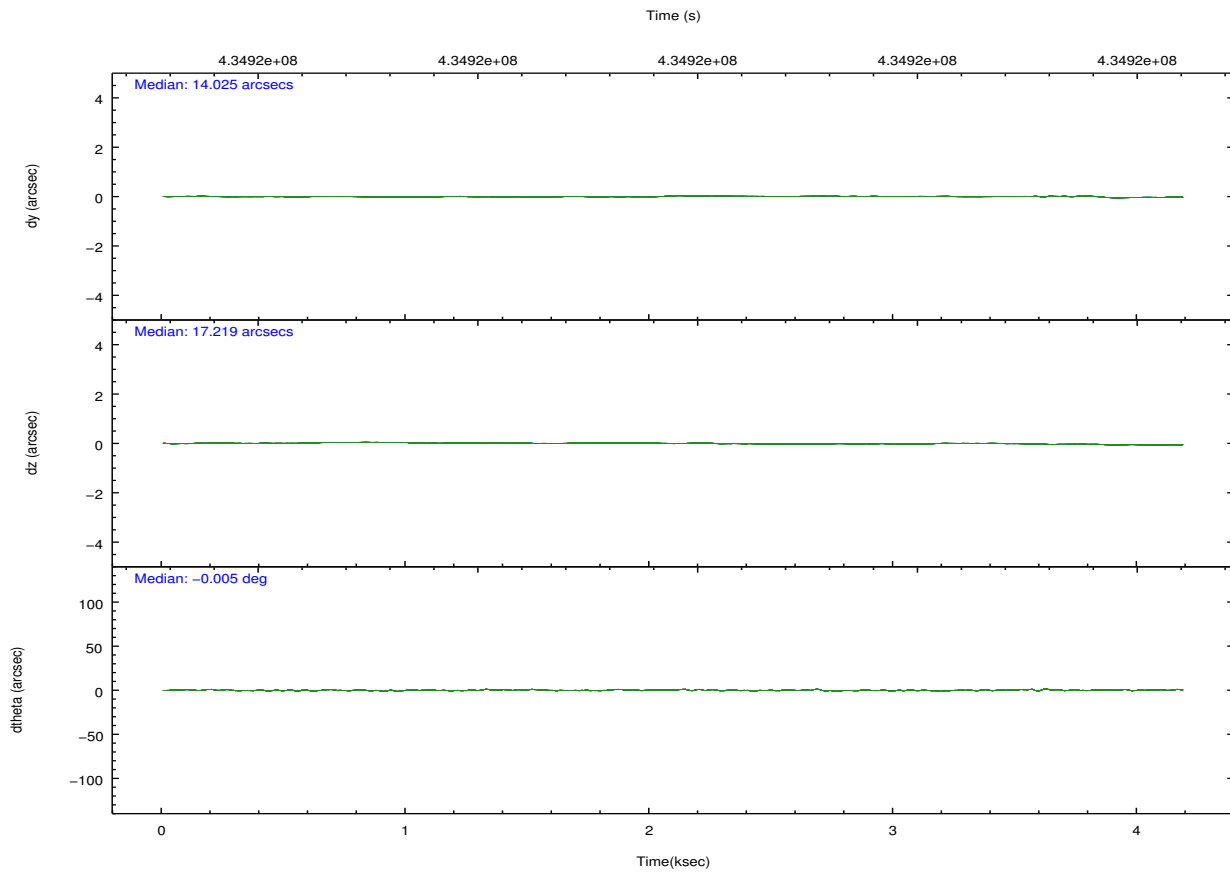
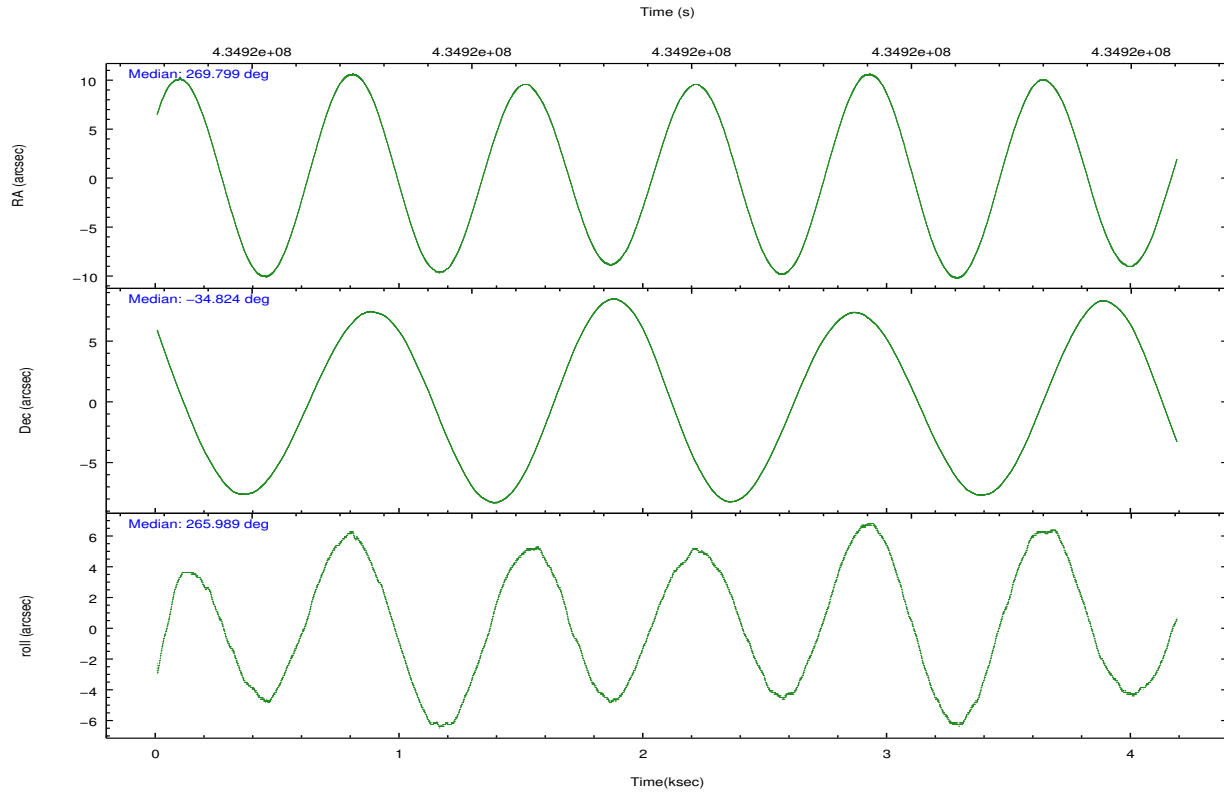
	ccd 7
grade 0 events	299
	6%
grade 1 events	9
	0%
grade 2 events	483
	11%
grade 3 events	306
	7%
grade 4 events	269
	6%
grade 5 events	448
	10%
grade 6 events	981
	22%
grade 7 events	1568
	35%

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	269.783795	269.7987817206302	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-34.799895	-34.82428496025744	Subarray start row	449	449
[deg] Pointing Roll	265.829983	265.9951557081425	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	434917984.184000	434917345.07285			
Observation start date	2011-10-13T18:31:58	2011-10-13T18:22:25			
[s] Observation end time (MET)	434921984.184000	434922891.34815			
Observation end date	2011-10-13T19:38:38	2011-10-13T19:54:51			
Read mode	TIMED	TIMED			

2.3 Aspect



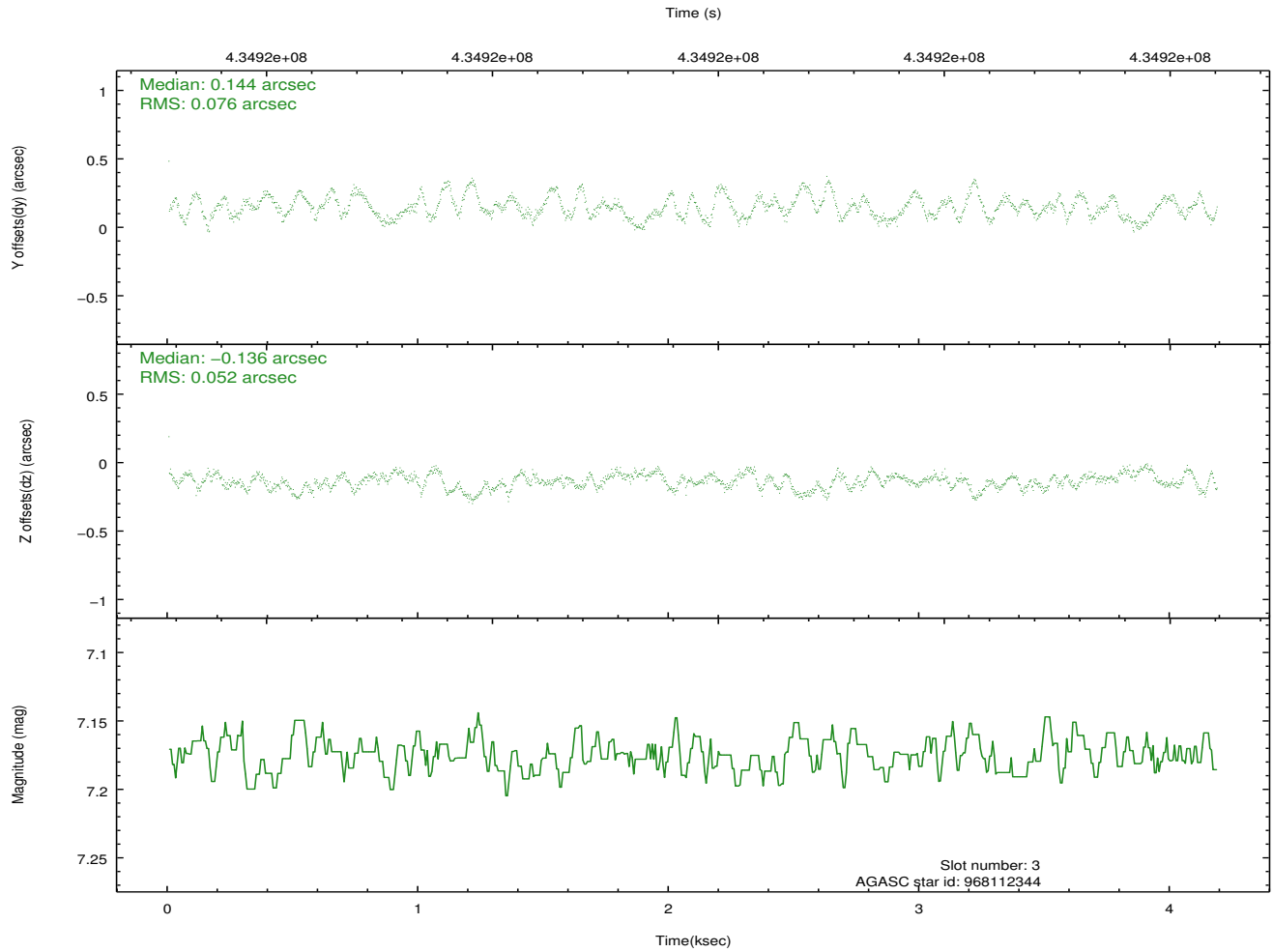
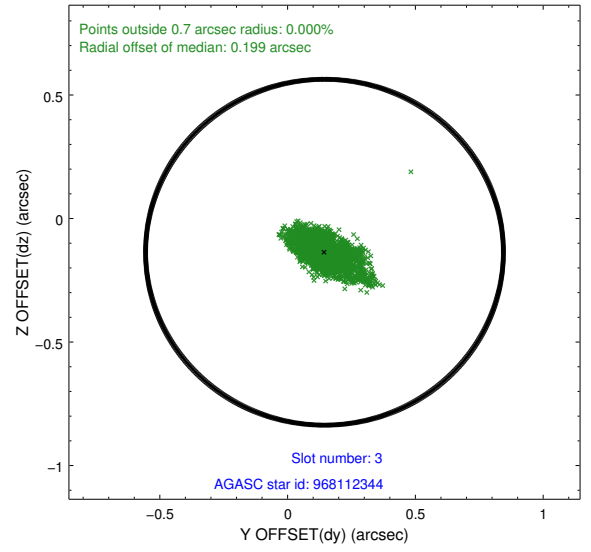
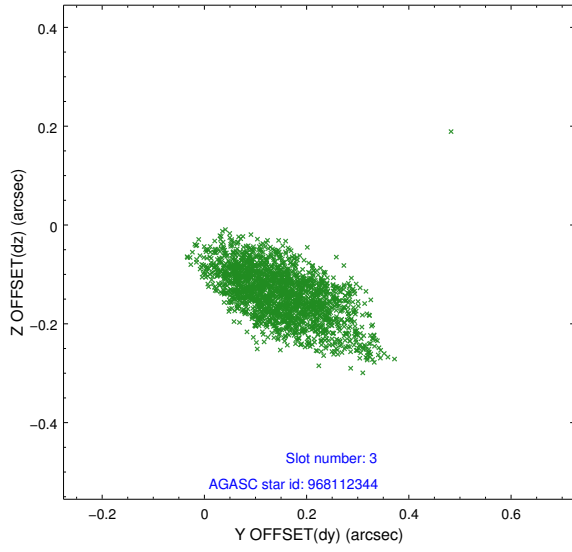


Slot Statistics

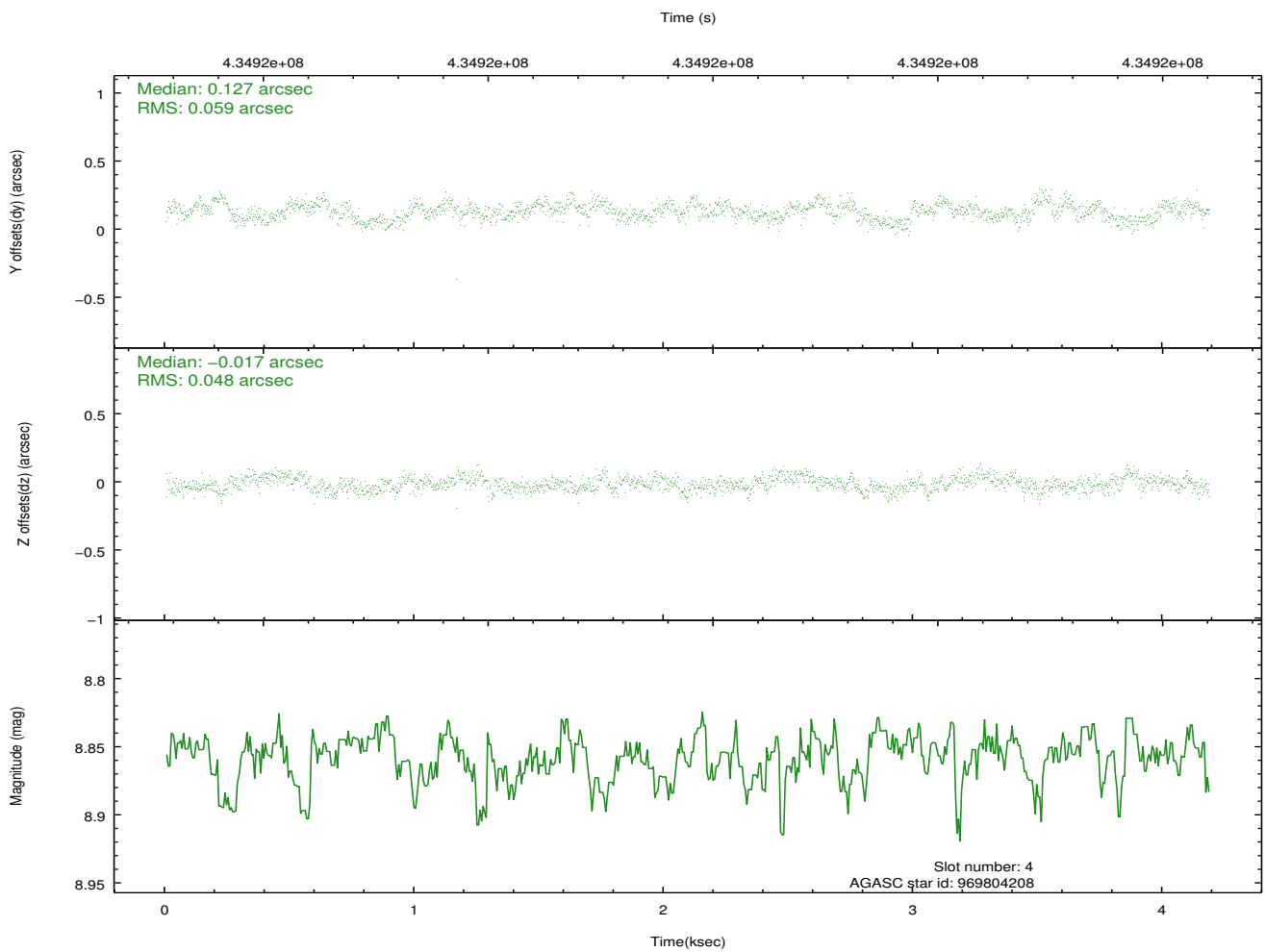
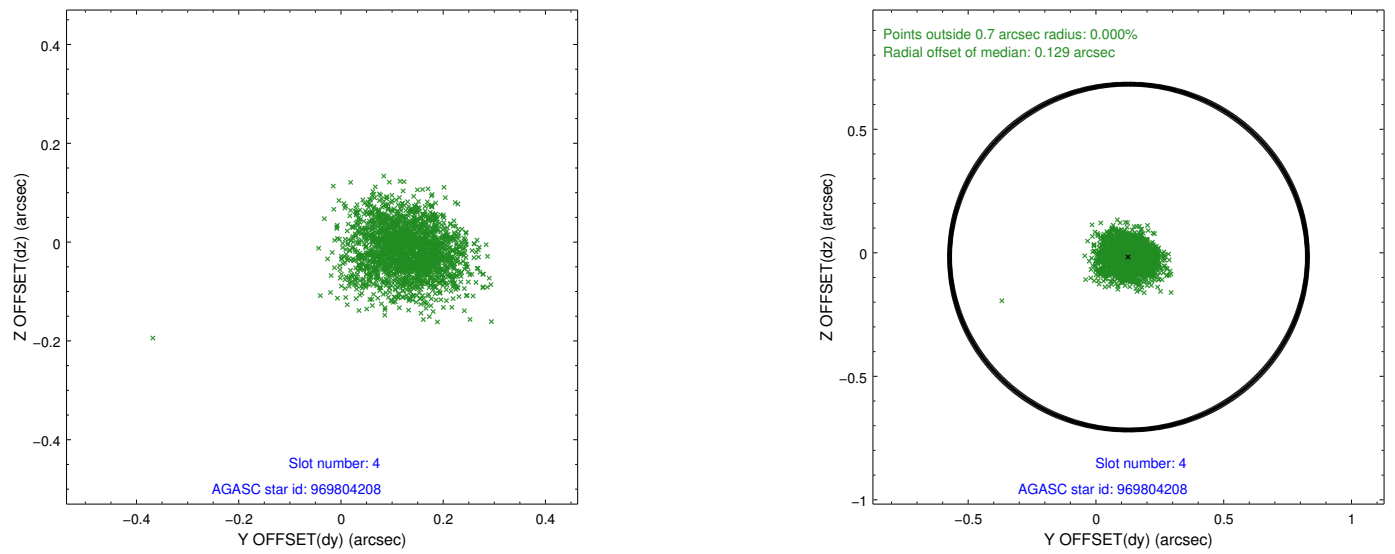
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	1021	0.134	-0.101	0.008	0.013	0.000000	0.000000	929.18	-1734.40
1	FID	ACIS-S-5	7.00	1020	-0.198	0.085	0.007	0.014	0.000000	0.000000	-1819.30	161.84
2	FID	ACIS-S-6	7.09	1021	0.043	0.028	0.007	0.013	0.000000	0.000000	393.07	807.40
3	GUIDE	968112344	7.17	2041	0.144	-0.136	0.093	0.163	269.032829	-35.048899	1063.94	-2141.31
4	GUIDE	969804208	8.86	2040	0.127	-0.017	0.081	0.128	270.411541	-34.412083	-1521.50	1757.48
5	GUIDE	969805144	8.44	2042	-0.173	-0.008	0.064	0.101	270.191770	-34.707562	-417.64	1181.30
6	GUIDE	969810808	9.08	2042	0.141	-0.026	0.098	0.158	270.299451	-35.329113	1793.99	1650.41
7	GUIDE	969802288	9.24	2039	-0.248	0.196	0.112	0.178	270.596919	-34.189937	-2355.80	2257.17

2.4 Star Slots

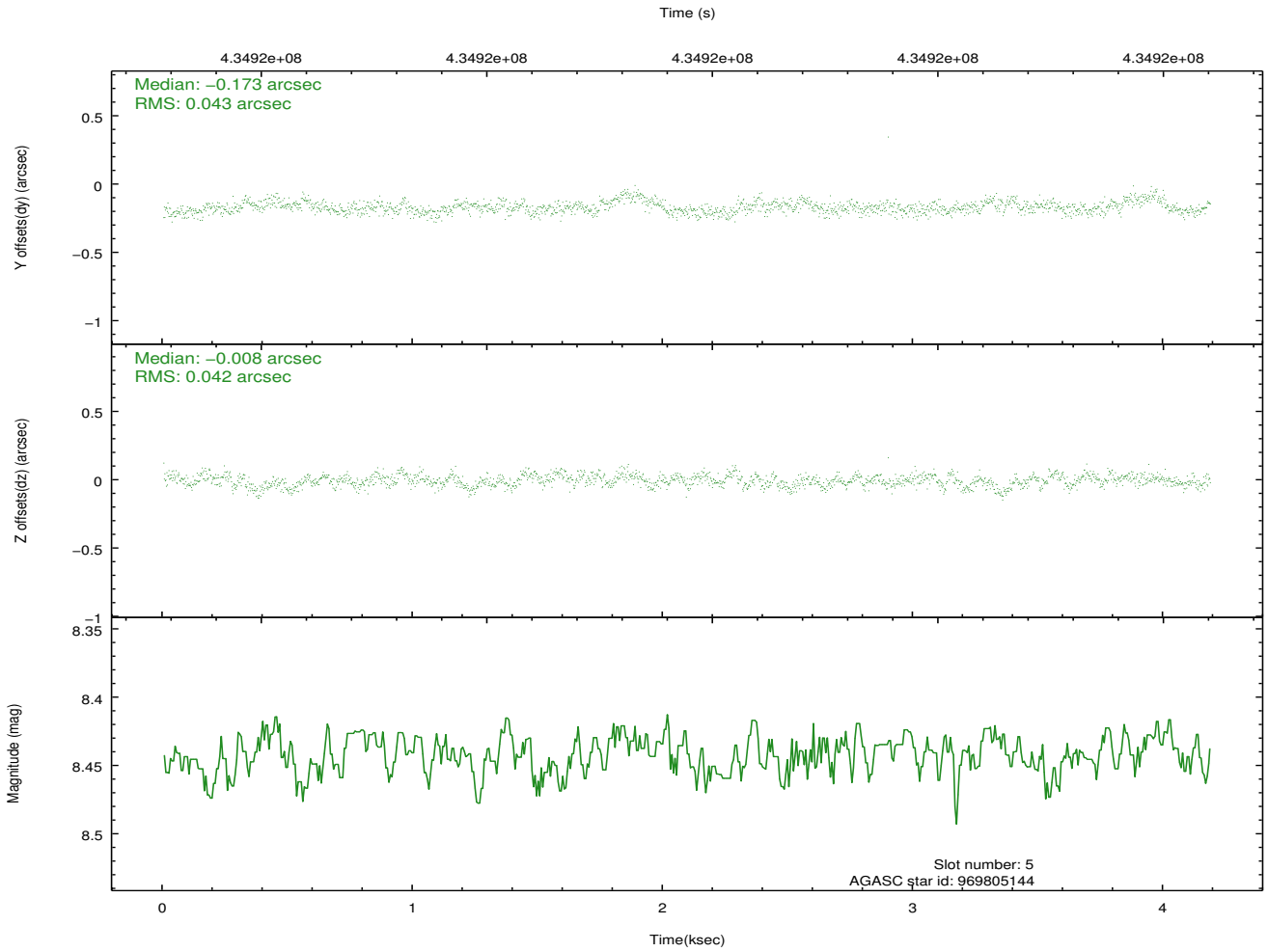
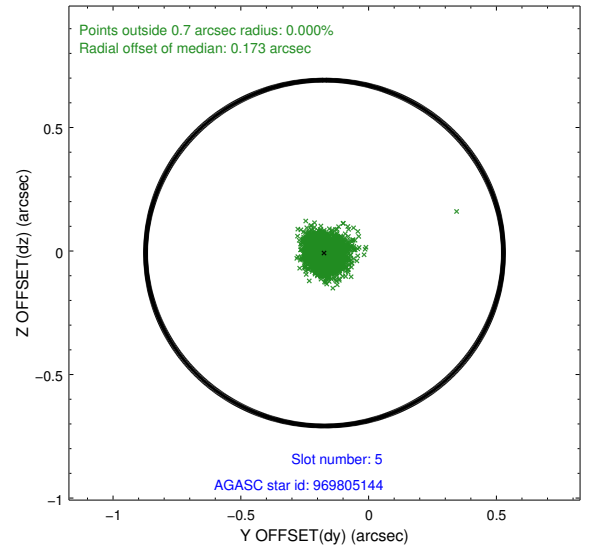
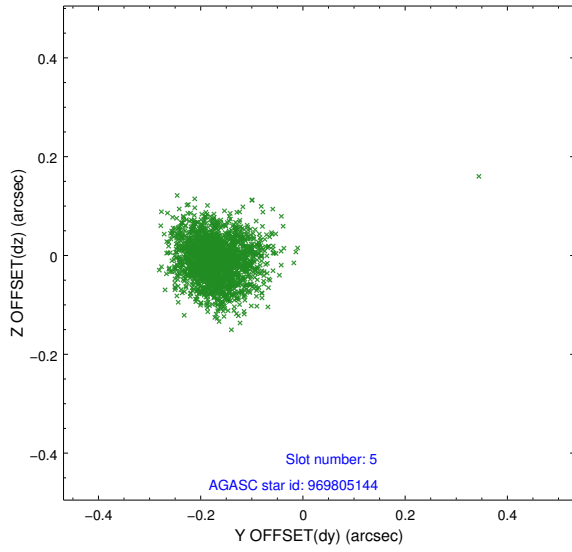
2.4.1 Slot 3



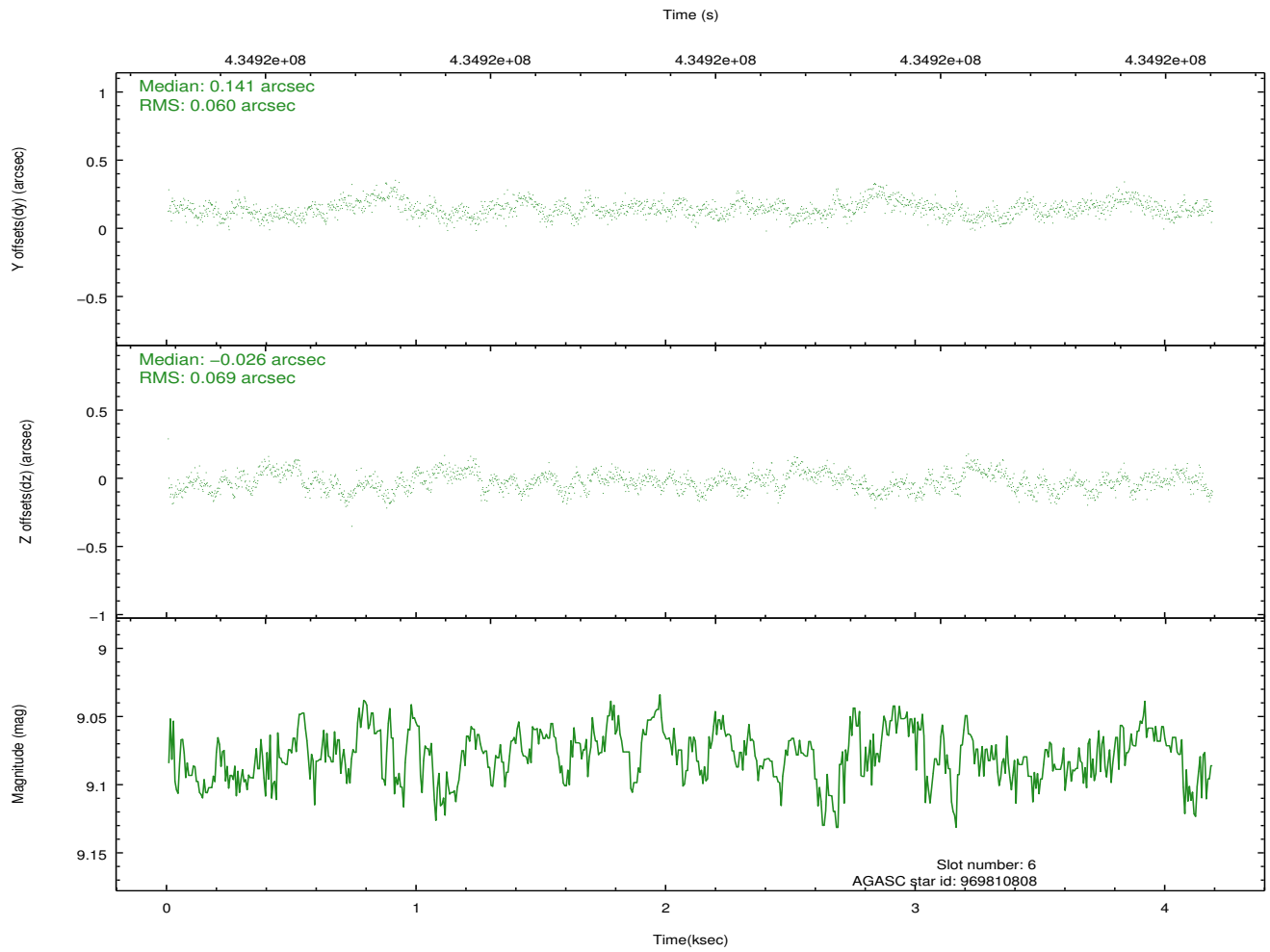
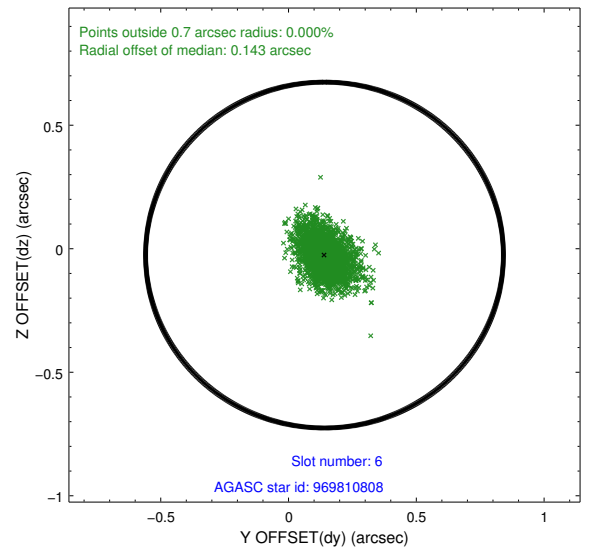
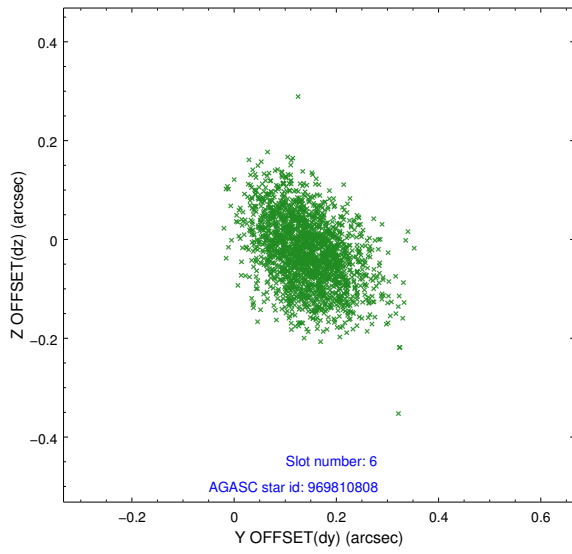
2.4.2 Slot 4



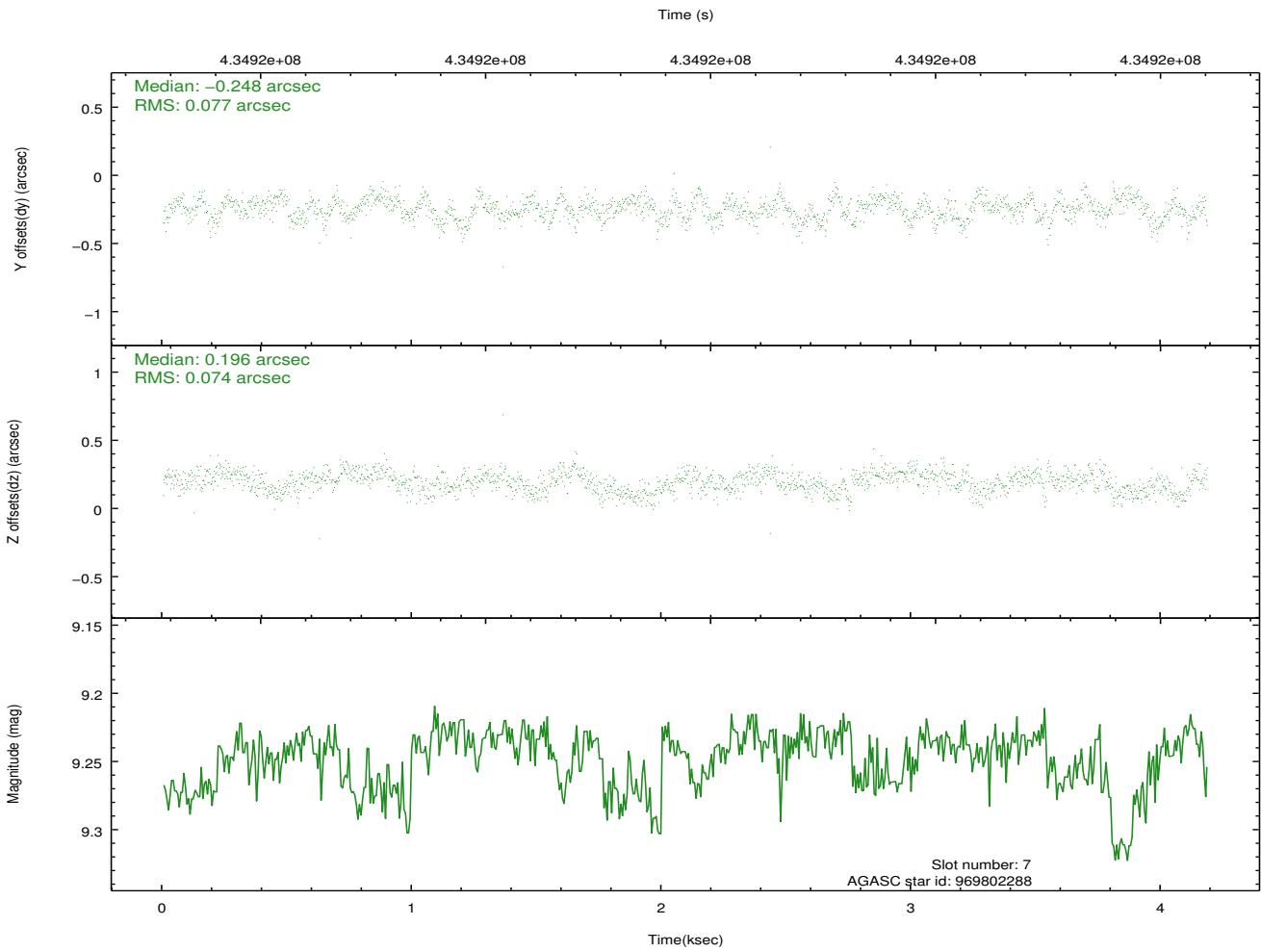
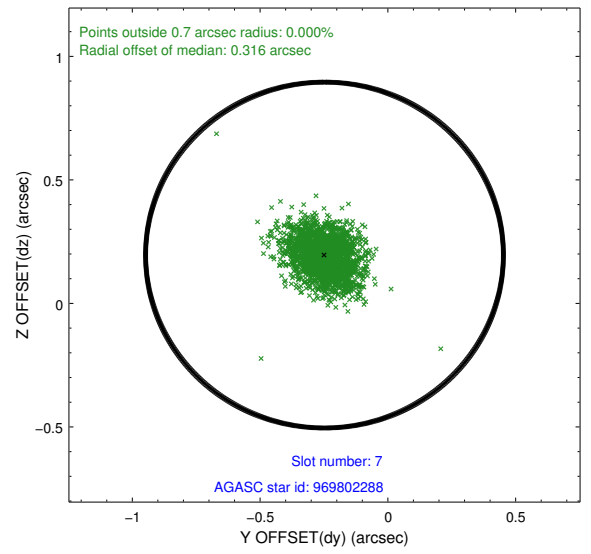
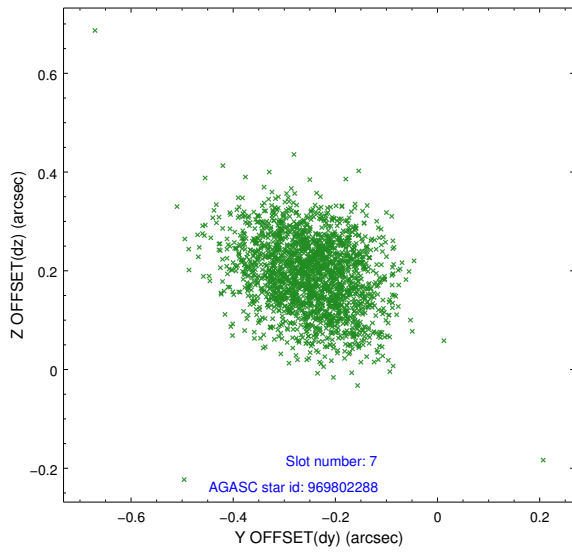
2.4.3 Slot 5



2.4.4 Slot 6

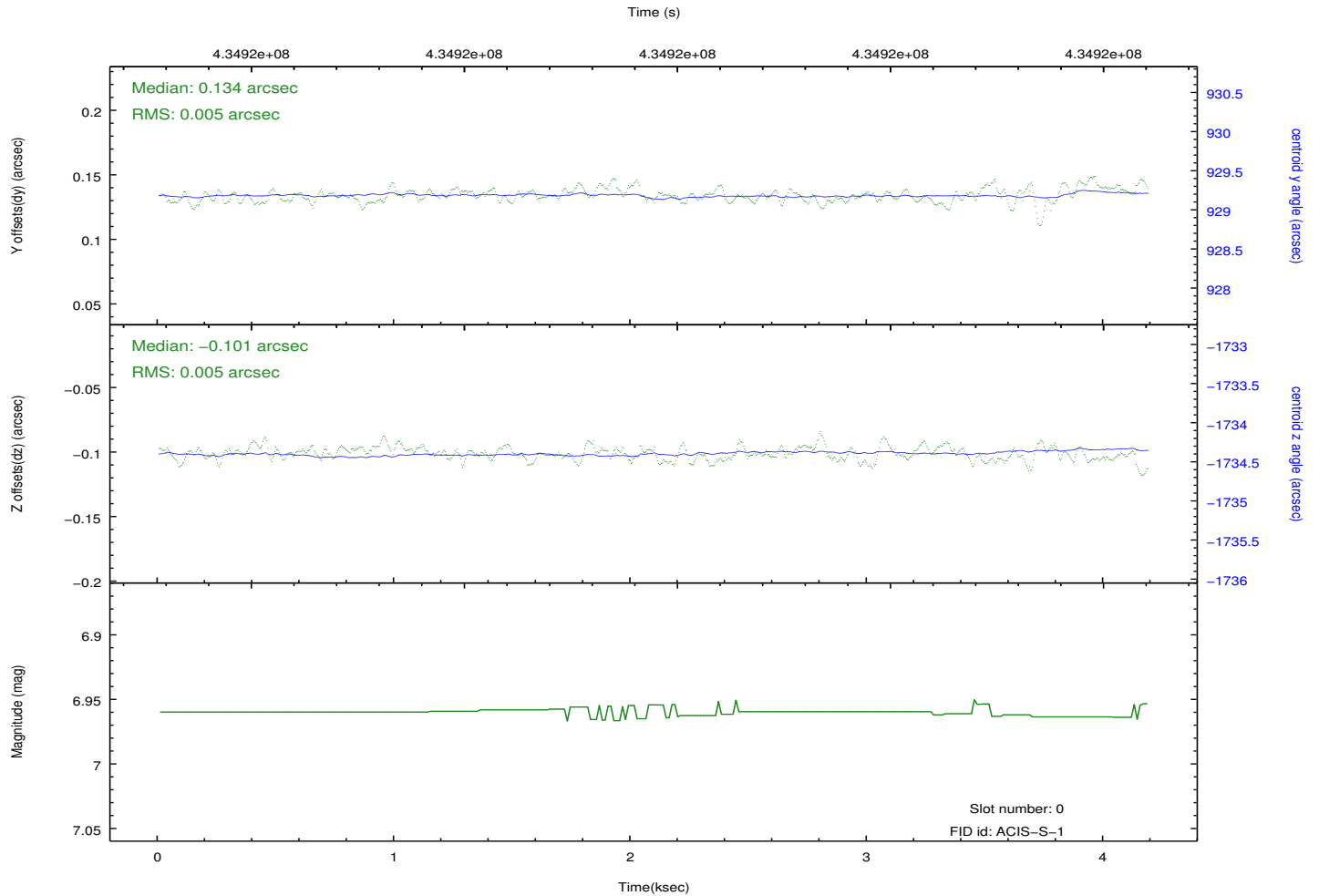
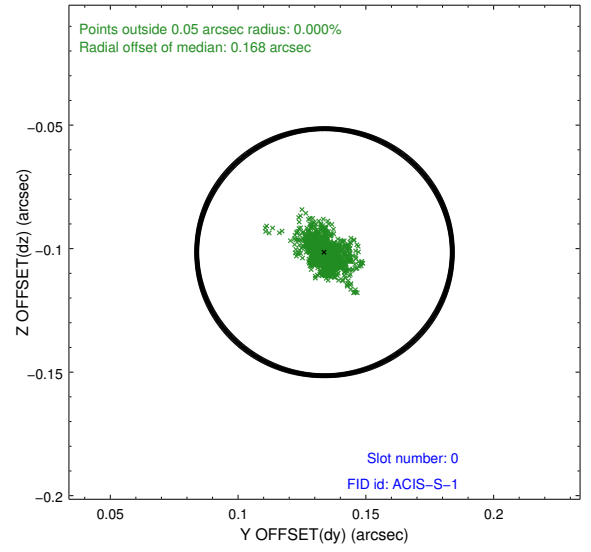
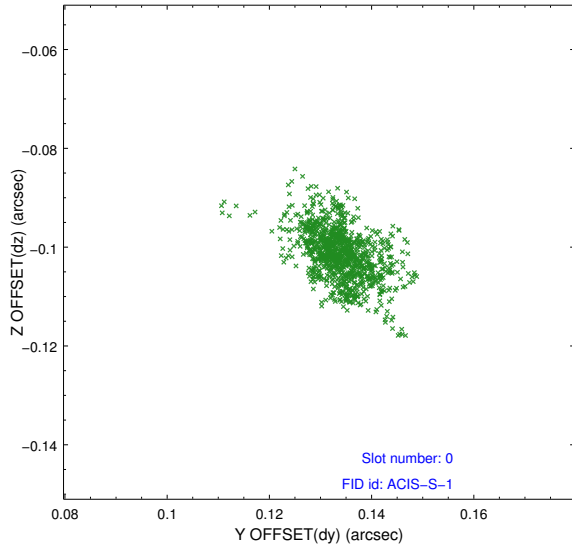


2.4.5 Slot 7

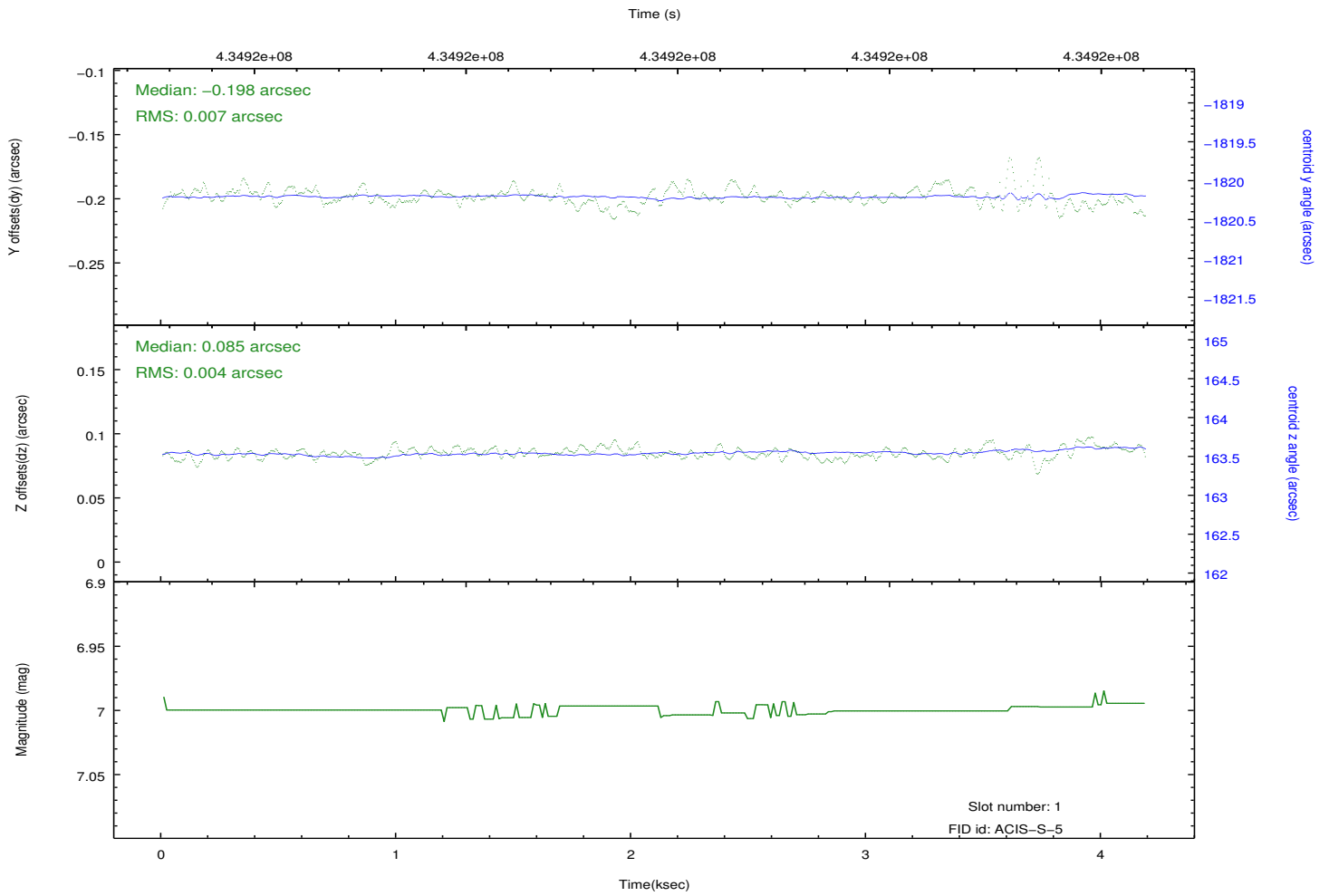
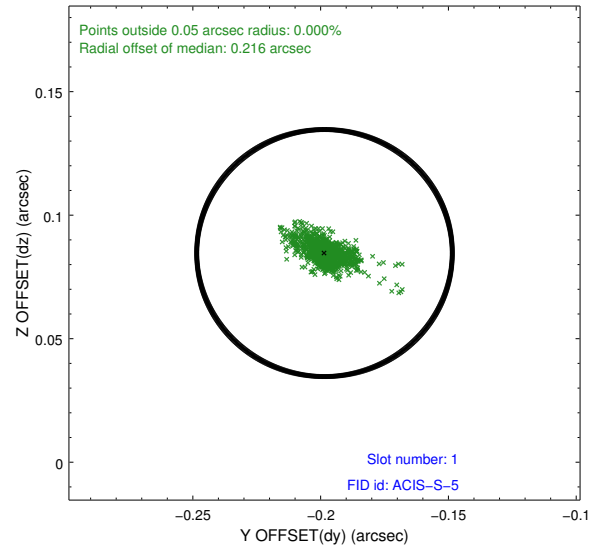
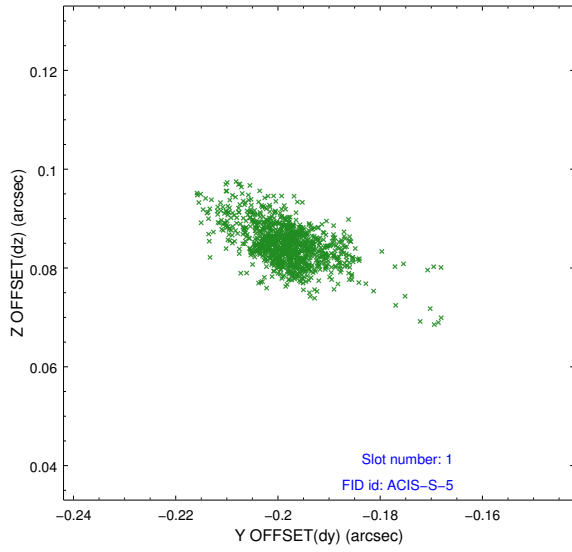


2.5 FID Slots

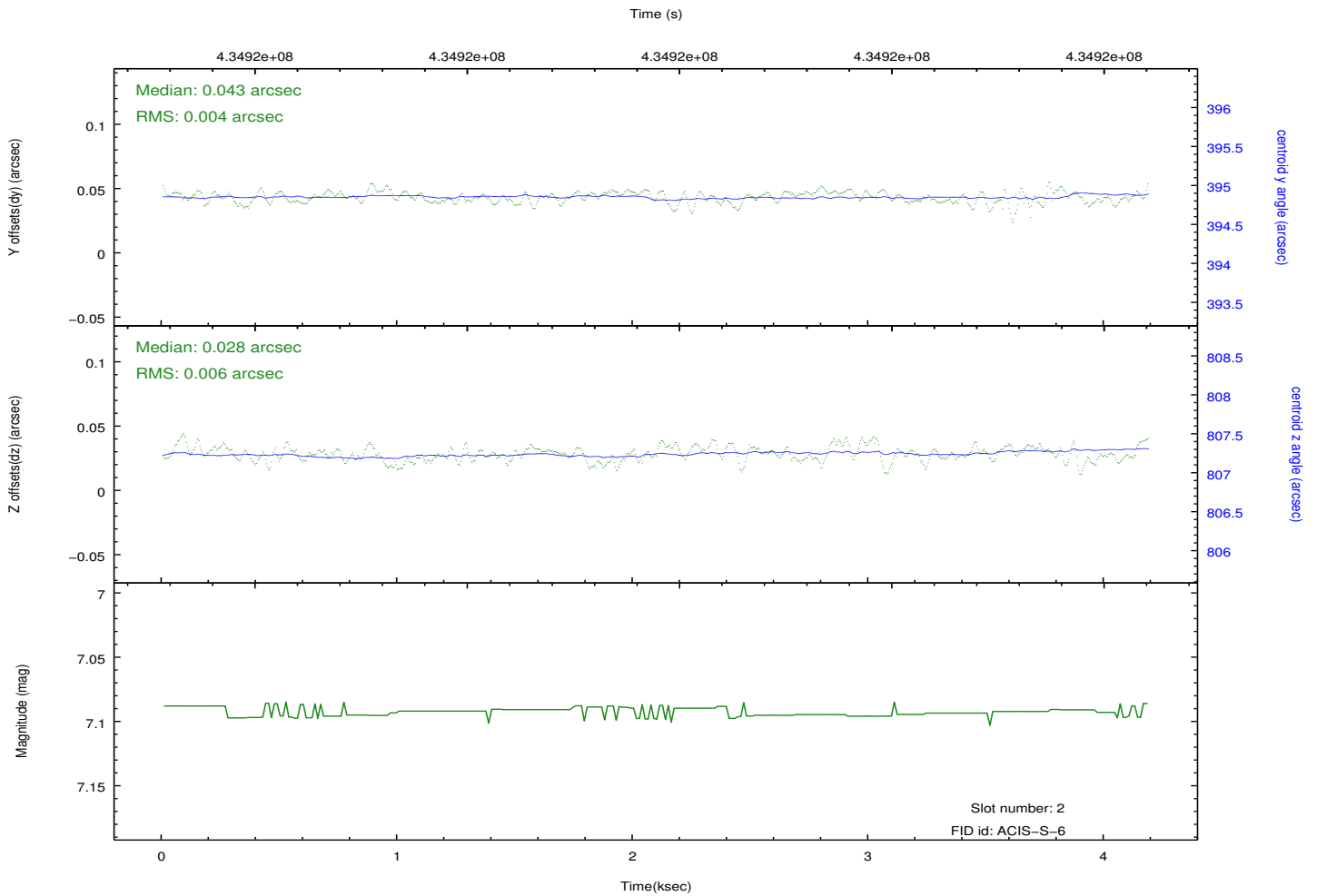
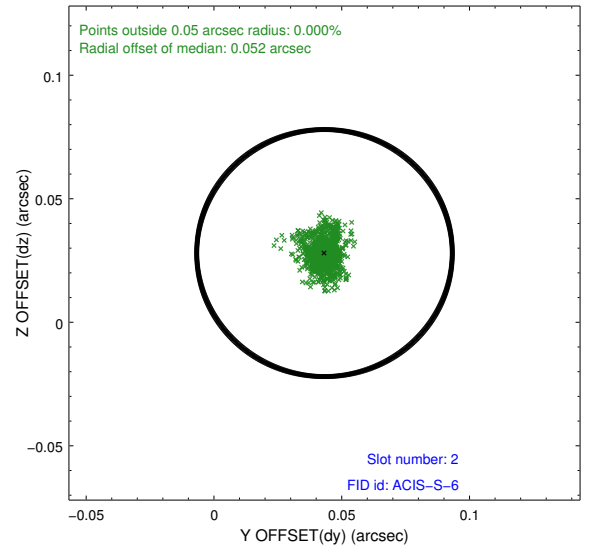
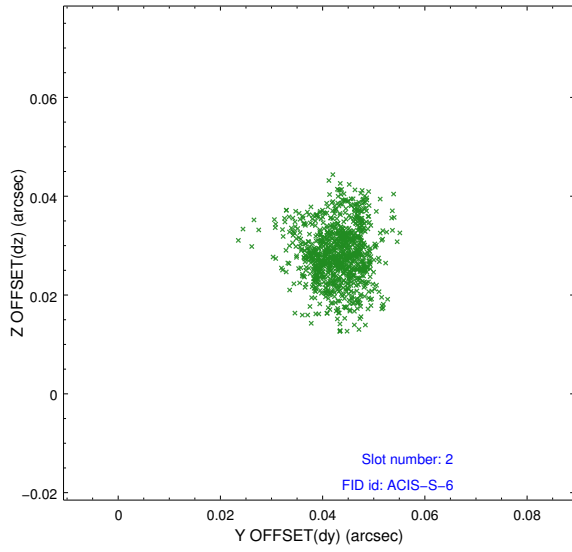
2.5.1 Slot 0



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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8566907585263

A.2 Comments