

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7352 - L2 Version 3
Chandra X-Ray Center

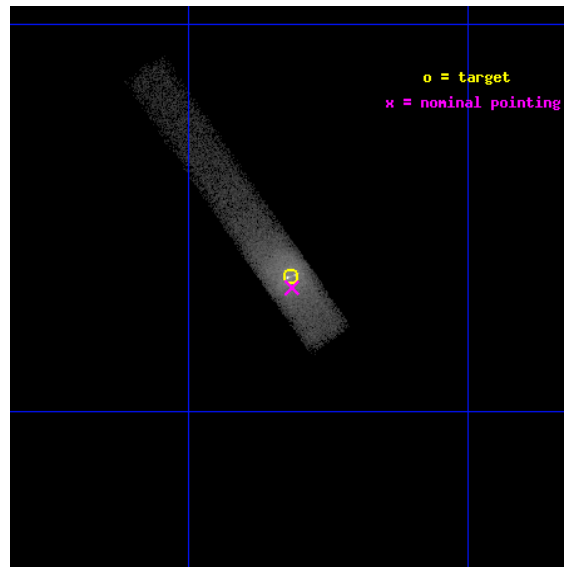
L2 Processing Date : Apr 24 2012

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1 Front

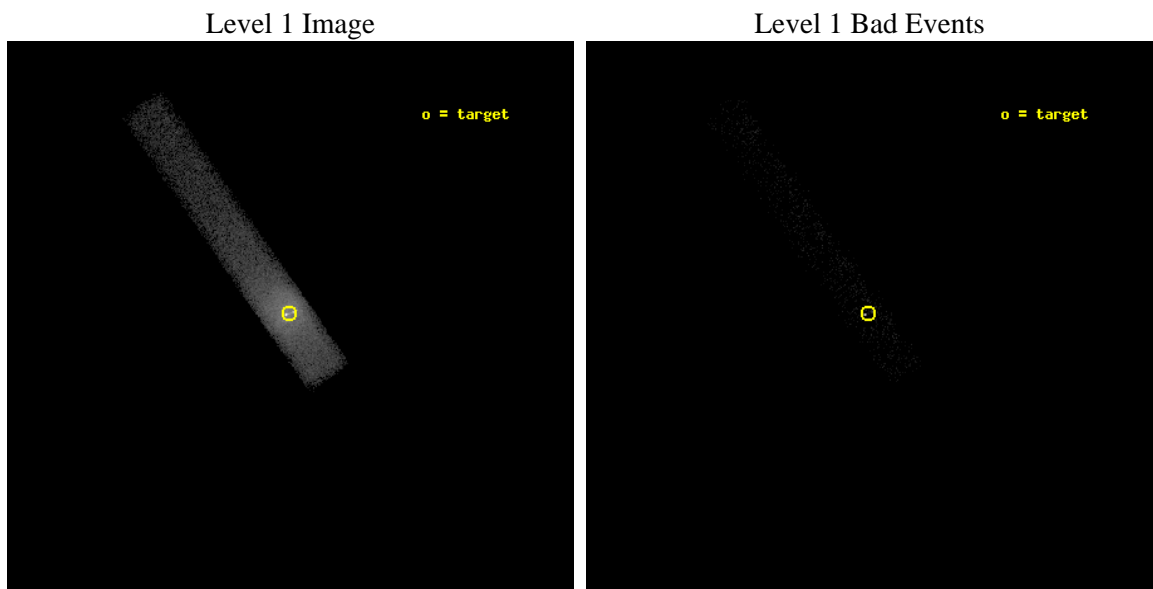
seq_num	701342	Sequence number
obs_id	7352	Observation id
title	HST/Chandra Monitoring of a Dramatic Flare in the M87 Jet	Proposal
observer	Dr. John Biretta	Principal investigator
object	M87	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.704167	Observer's specified target RA [deg]
dec_targ	12.391667	Observer's specified target Dec [deg]
ra_nom	187.7039190604	Nominal RA [deg]
dec_nom	12.386765288527	Nominal Dec [deg]
roll_nom	235.18524815501	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5058.3996984959	Sum of GTIs [s]
livetime	4587.7015223072	Livetime [s]
ontime7	5058.3996984959	Sum of GTIs [s]
l2events	55671	Number of level 2 events



2 OBI

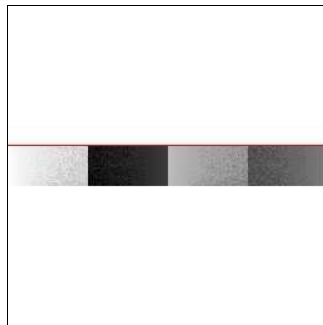
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4871.969000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5058.3996984959	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5058.3996984959	Sum of GTIs [s]
date	2012-04-24T21:07:50	Date and time of file creation	l1events	65671	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

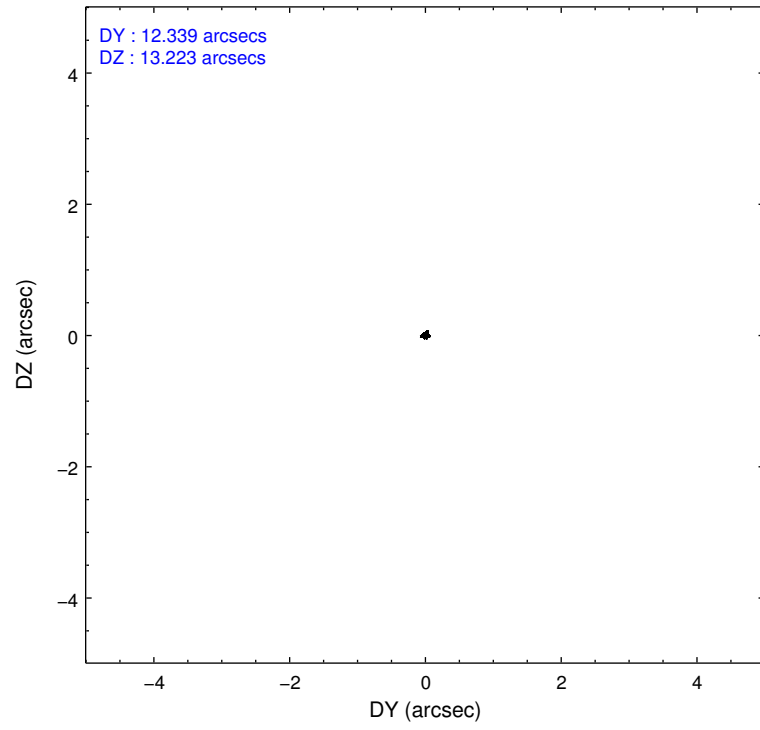
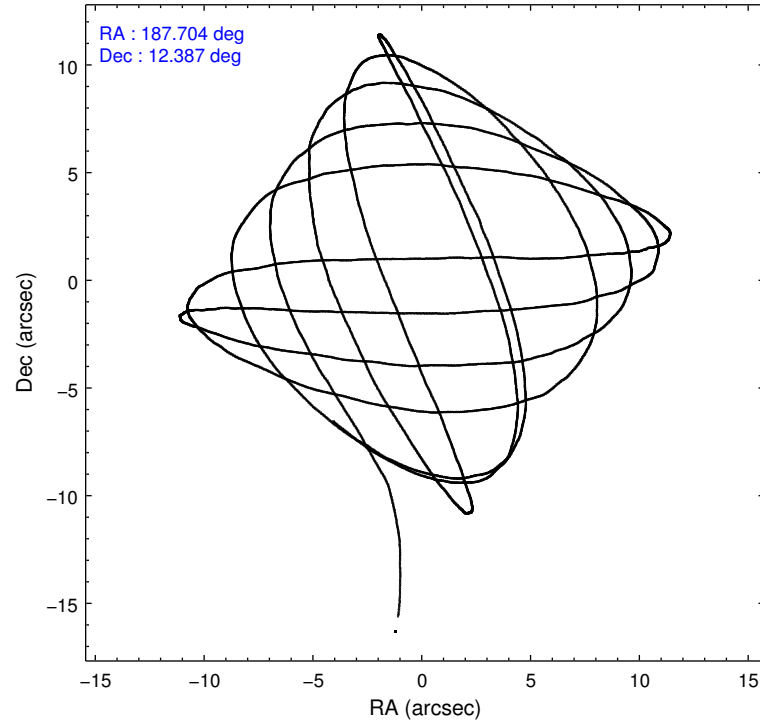
	ccd 7
level 1 events	65671
rejected events	9396
rejected %	14%

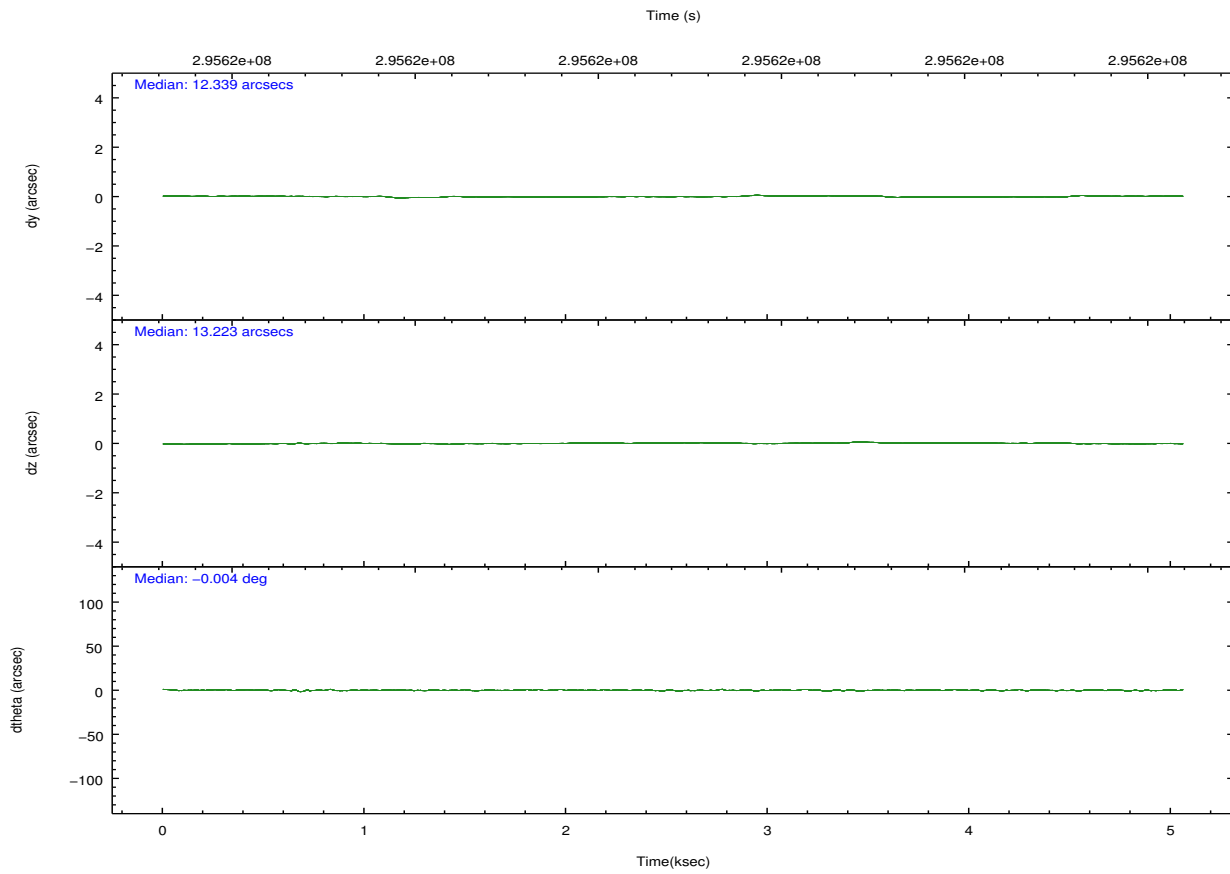
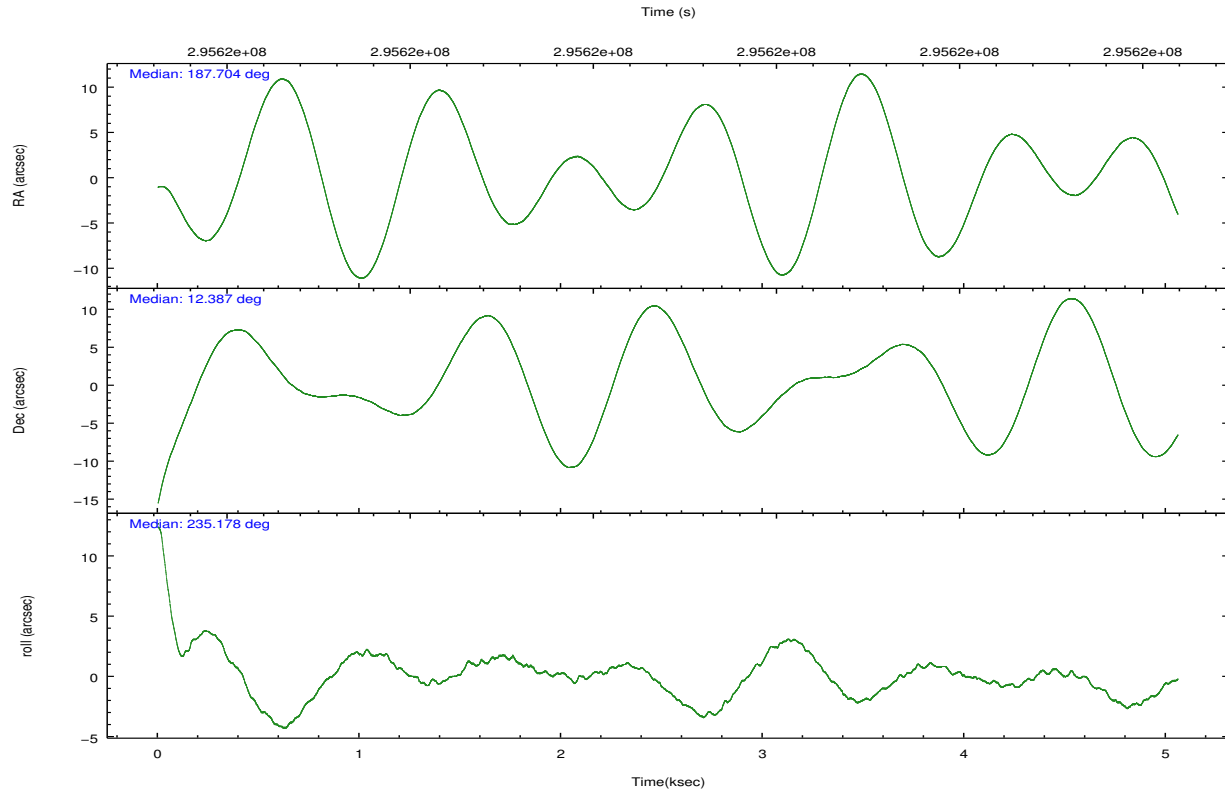
	ccd 7
grade 0 events	17128
	26%
grade 1 events	288
	0%
grade 2 events	14919
	22%
grade 3 events	6845
	10%
grade 4 events	6575
	10%
grade 5 events	1962
	2%
grade 6 events	12475
	18%
grade 7 events	5479
	8%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	187.705862	187.7039190604006	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.414100	12.38676528852717	Subarray start row	449	449
[deg] Pointing Roll	235.028177	235.1852481550104	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)	295615070.184000	295614109.97006			
Observation start date	2007-05-15T11:16:45	2007-05-15T11:01:49			
[s] Observation end time (MET)	295619942.184000	295620160.03285			
Observation end date	2007-05-15T12:37:57	2007-05-15T12:42:40			
Read mode	TIMED	TIMED			

2.3 Aspect



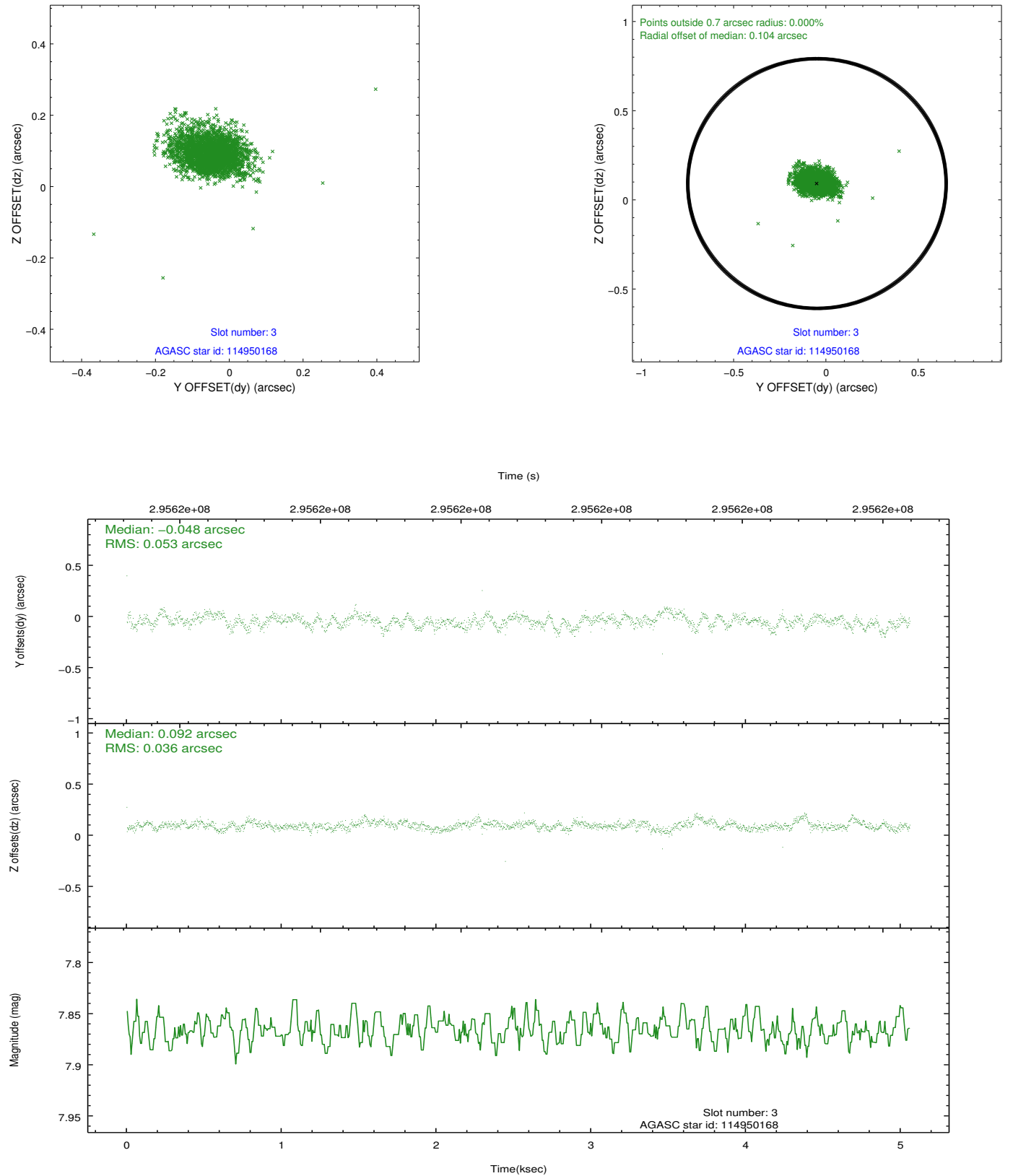


Slot Statistics

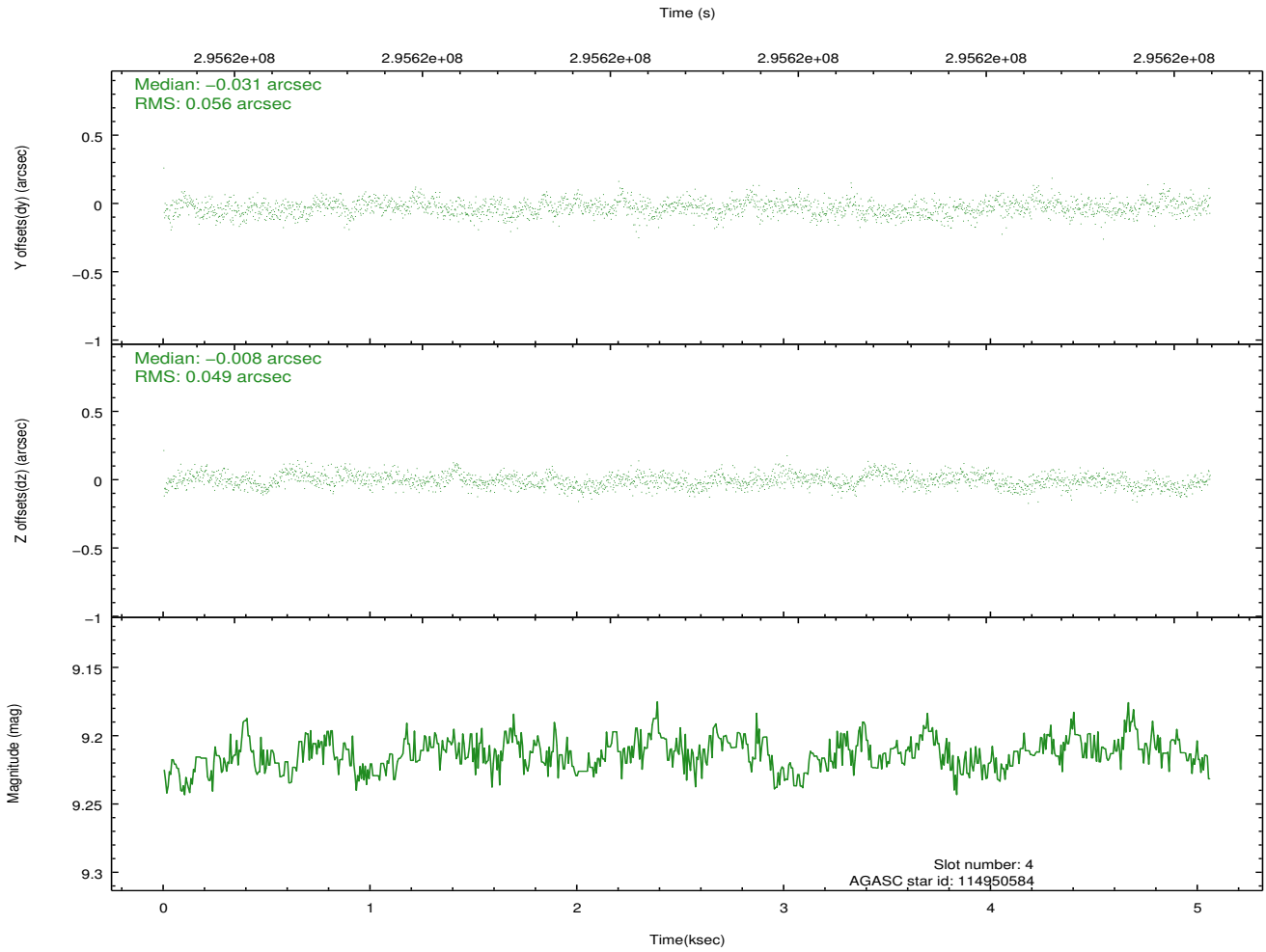
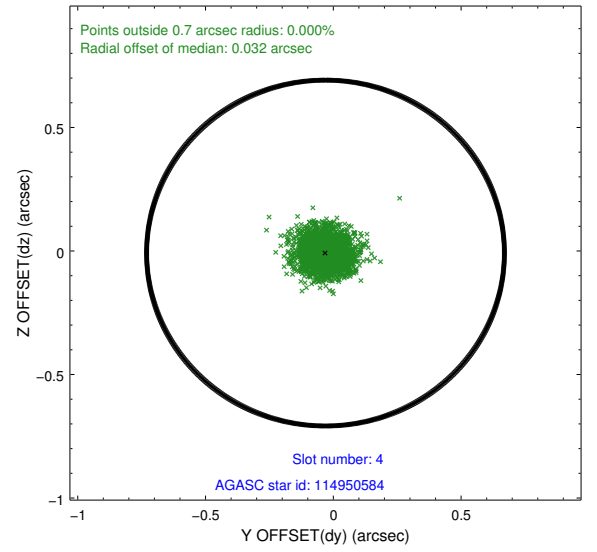
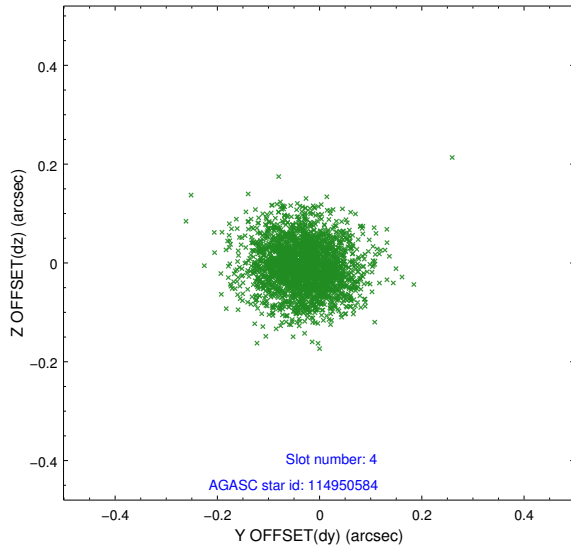
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1234	-0.025	-0.064	0.007	0.013	0.000000	0.000000	-765.27	-1734.61
1	FID	ACIS-S-4	7.20	1234	0.145	0.030	0.006	0.013	0.000000	0.000000	2147.64	172.70
2	FID	ACIS-S-5	7.23	1234	-0.151	0.043	0.007	0.013	0.000000	0.000000	-1816.69	167.78
3	GUIDE	114950168	7.87	2466	-0.048	0.092	0.064	0.111	187.143398	12.117441	2008.57	-1011.09
4	GUIDE	114950584	9.21	2466	-0.031	-0.008	0.078	0.129	187.487323	11.827248	2173.42	579.26
5	GUIDE	114952824	8.57	2466	-0.021	0.151	0.067	0.102	187.703904	12.486727	-209.02	-155.52
6	GUIDE	114954440	9.19	2467	0.053	-0.027	0.103	0.173	186.915066	12.219118	2166.81	-1879.40
7	GUIDE	114955056	8.31	2468	0.052	-0.207	0.058	0.096	187.914001	12.127854	425.32	1189.61

2.4 Star Slots

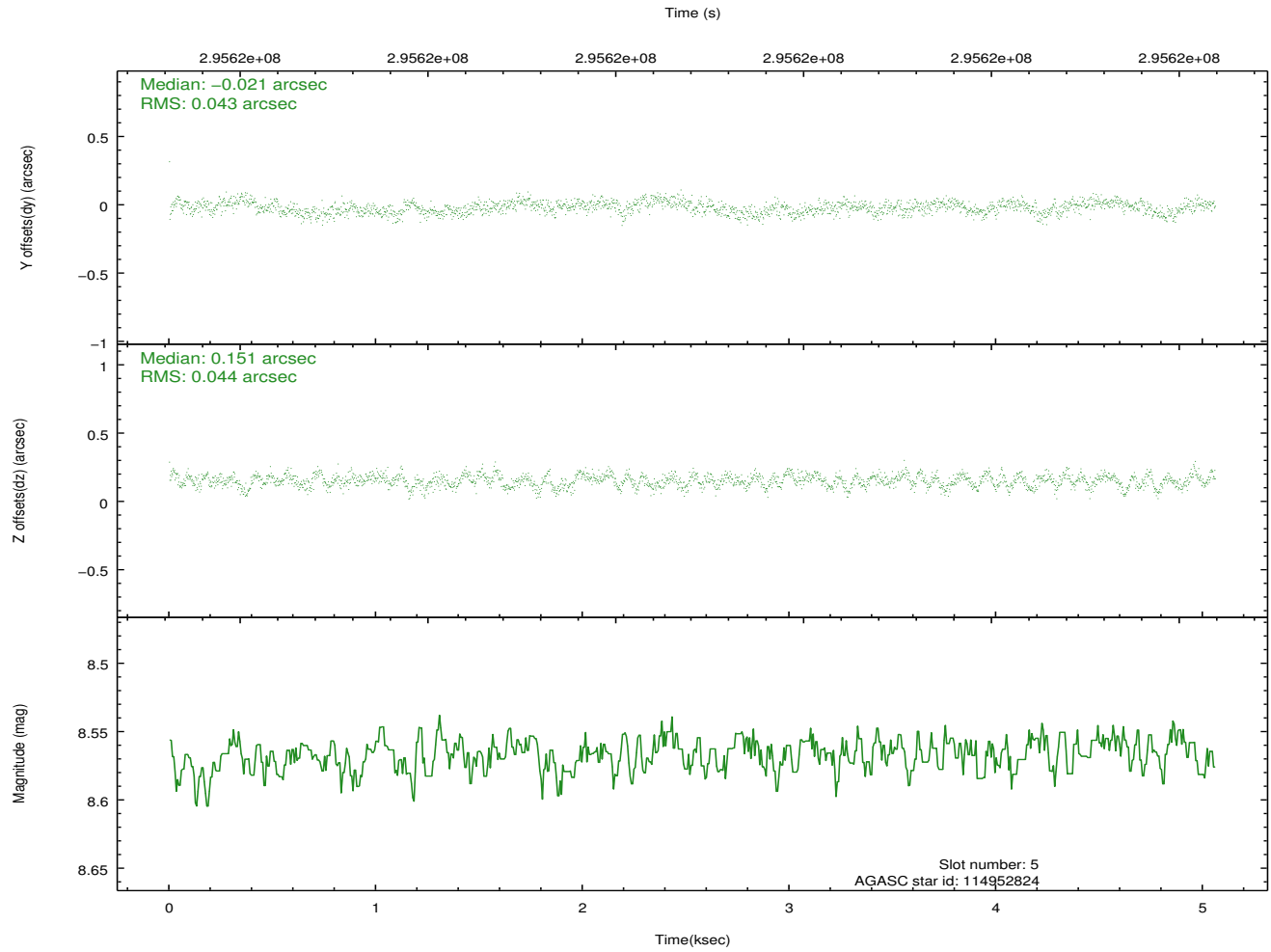
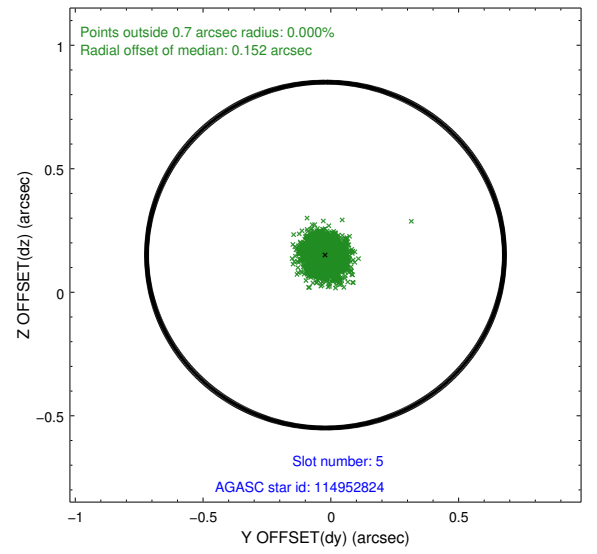
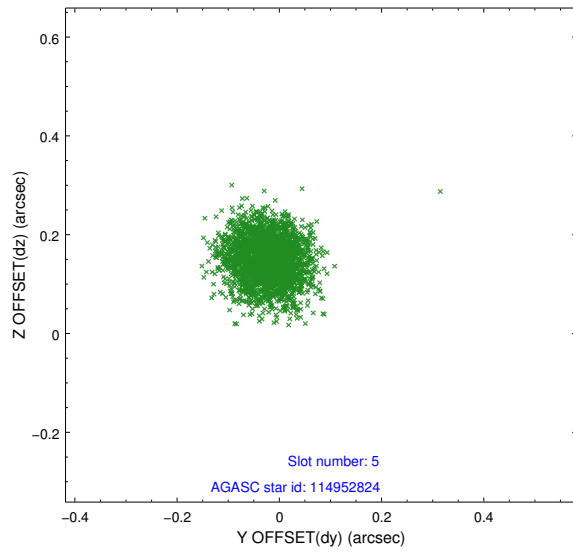
2.4.1 Slot 3



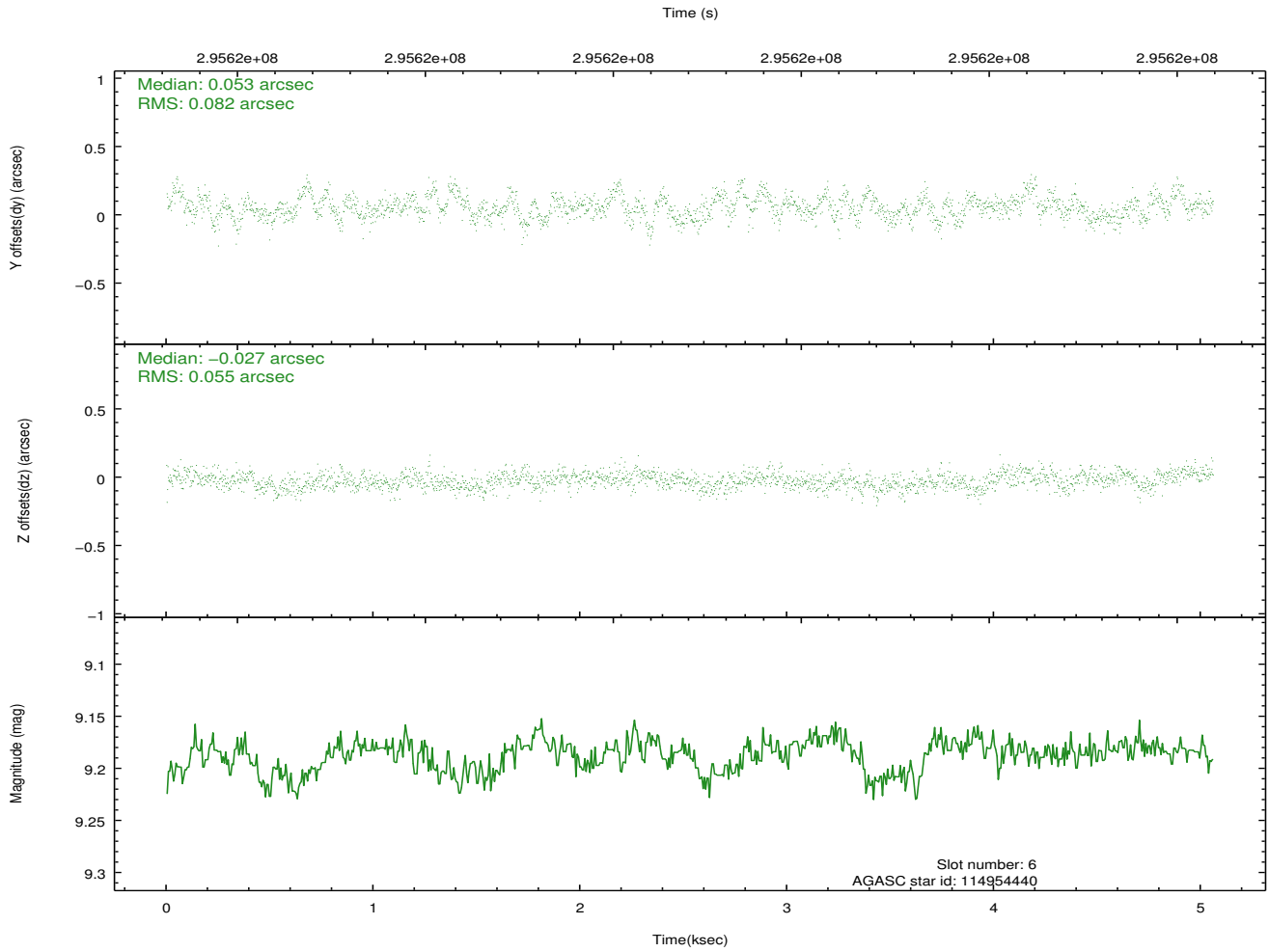
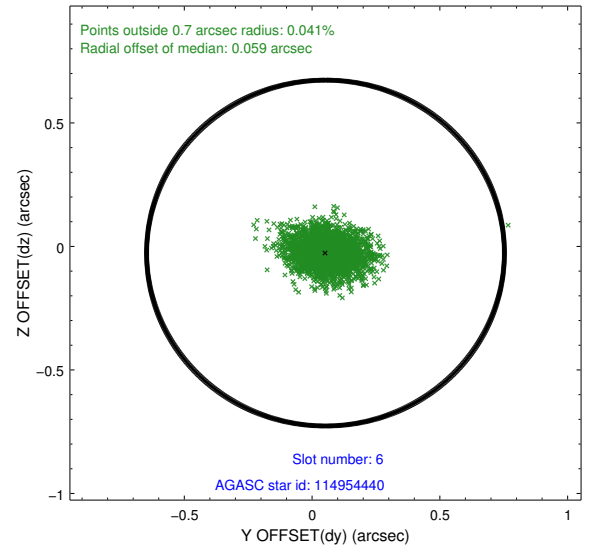
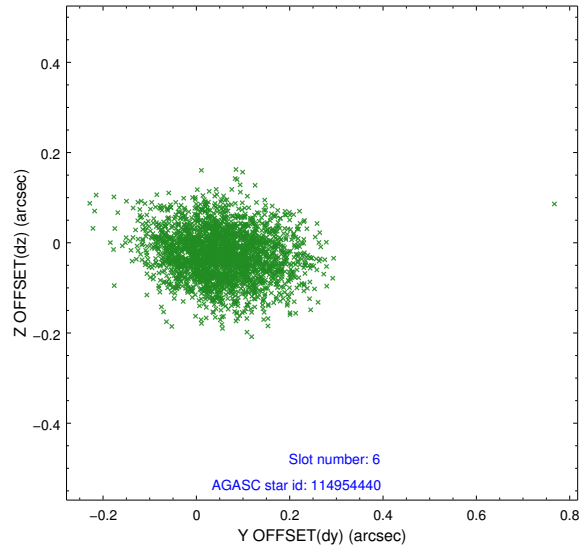
2.4.2 Slot 4



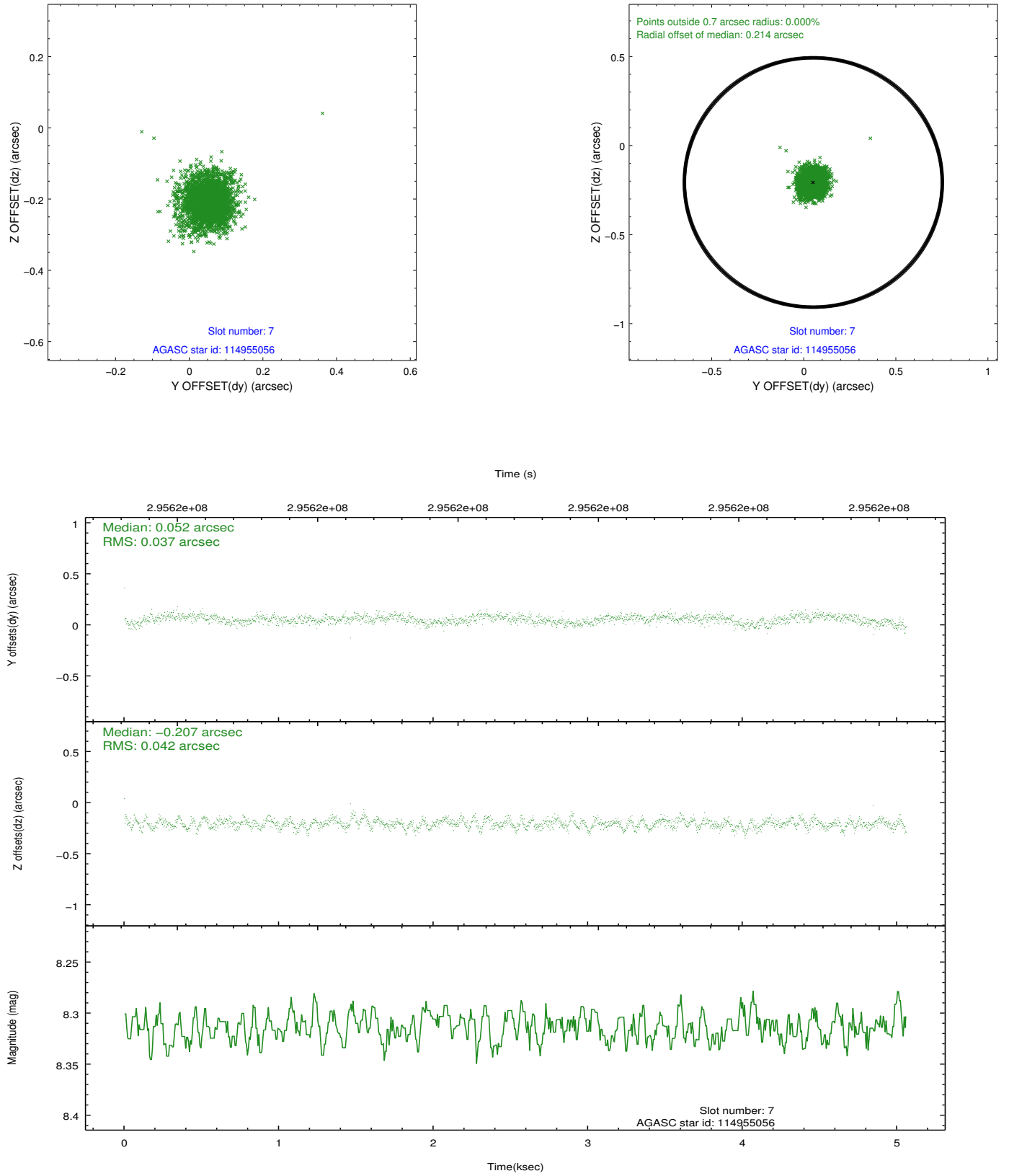
2.4.3 Slot 5



2.4.4 Slot 6

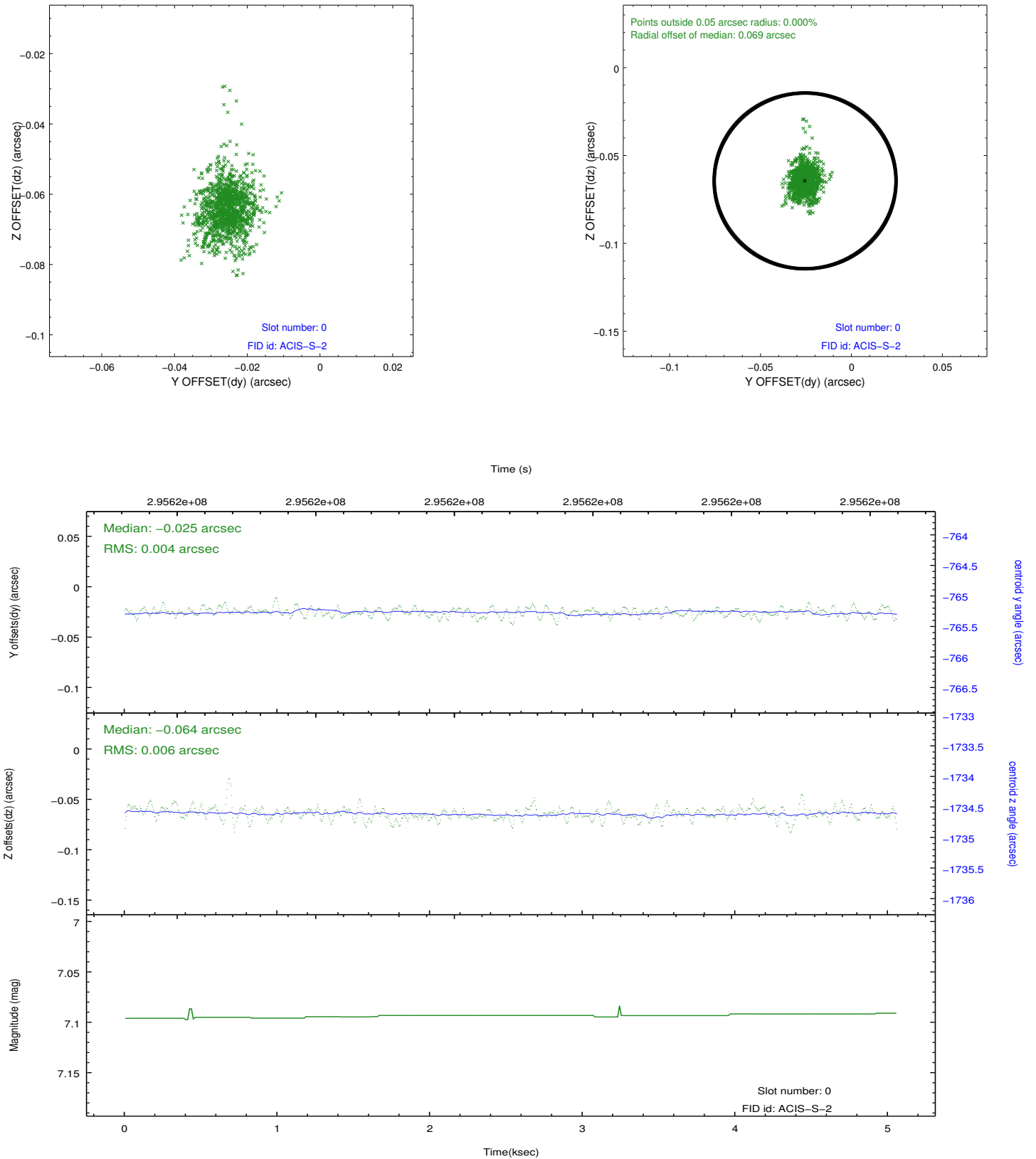


2.4.5 Slot 7

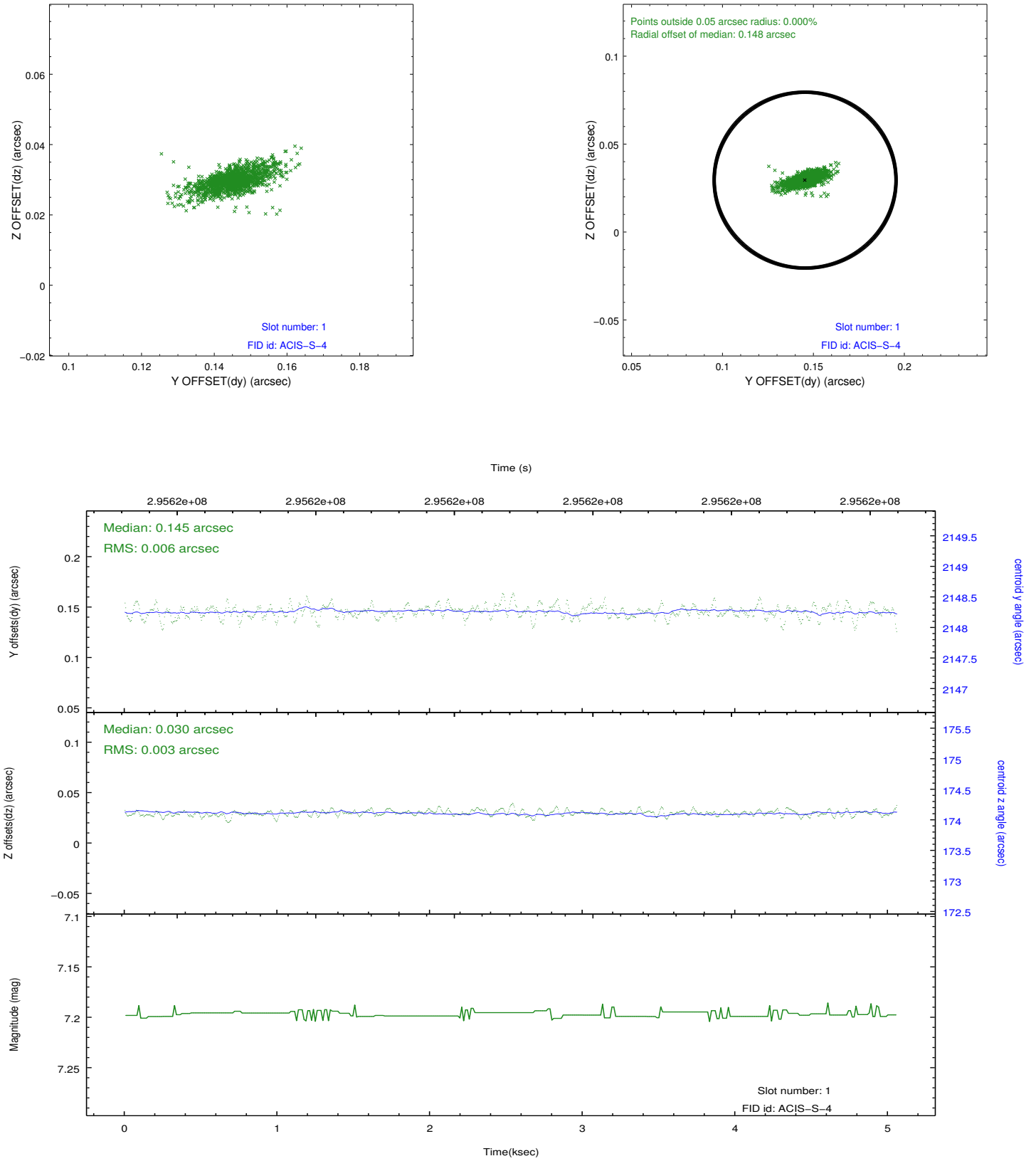


2.5 FID Slots

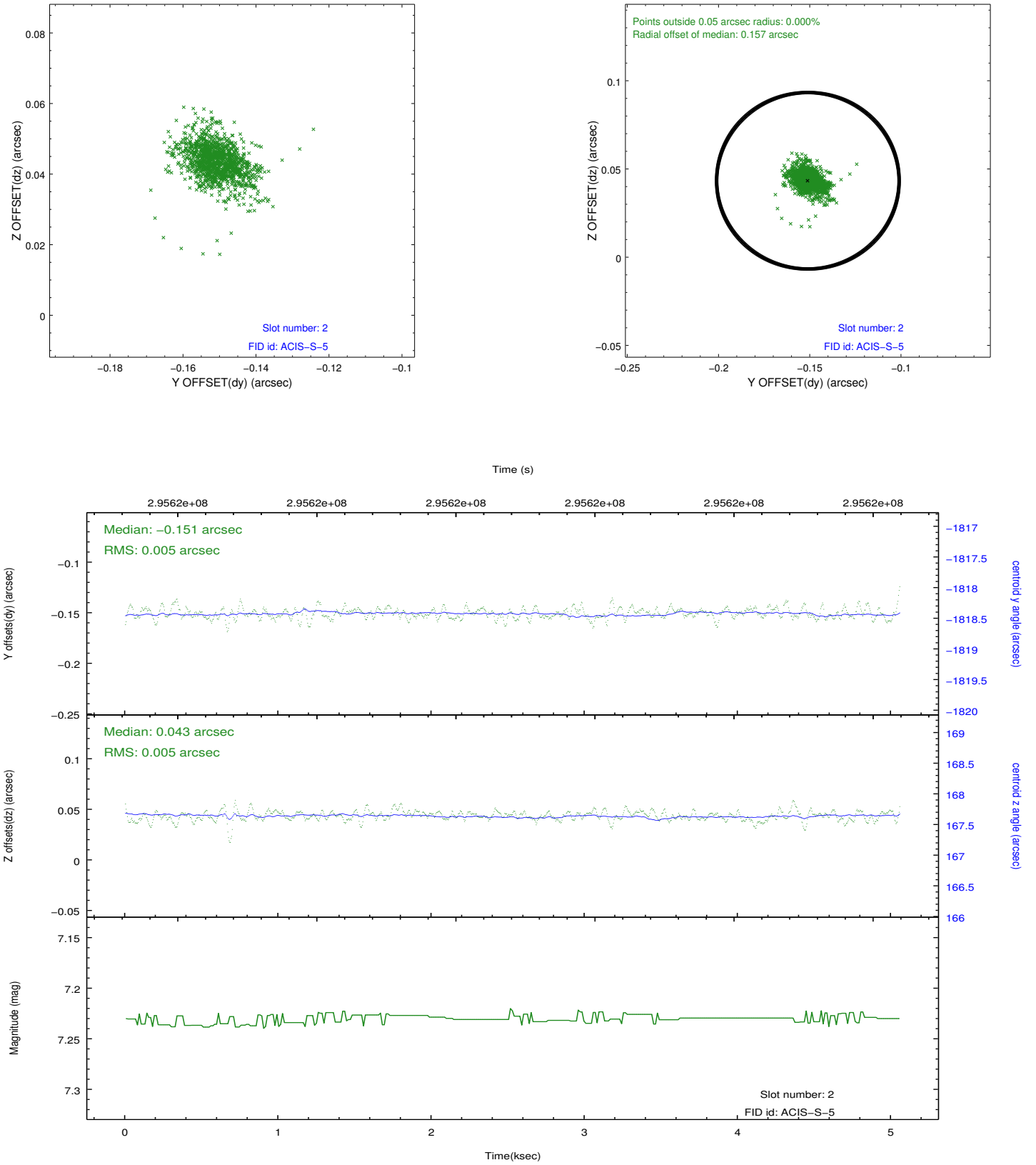
2.5.1 Slot 0



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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.05839969

A.2 Comments

Joint Proposal: CX0-HST