

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2172 - L2 Version 3
Chandra X-Ray Center

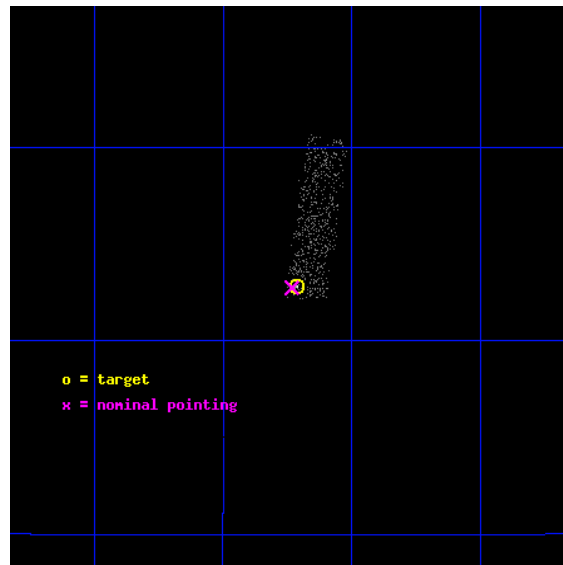
L2 Processing Date : Sep 29 2012

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1 Front

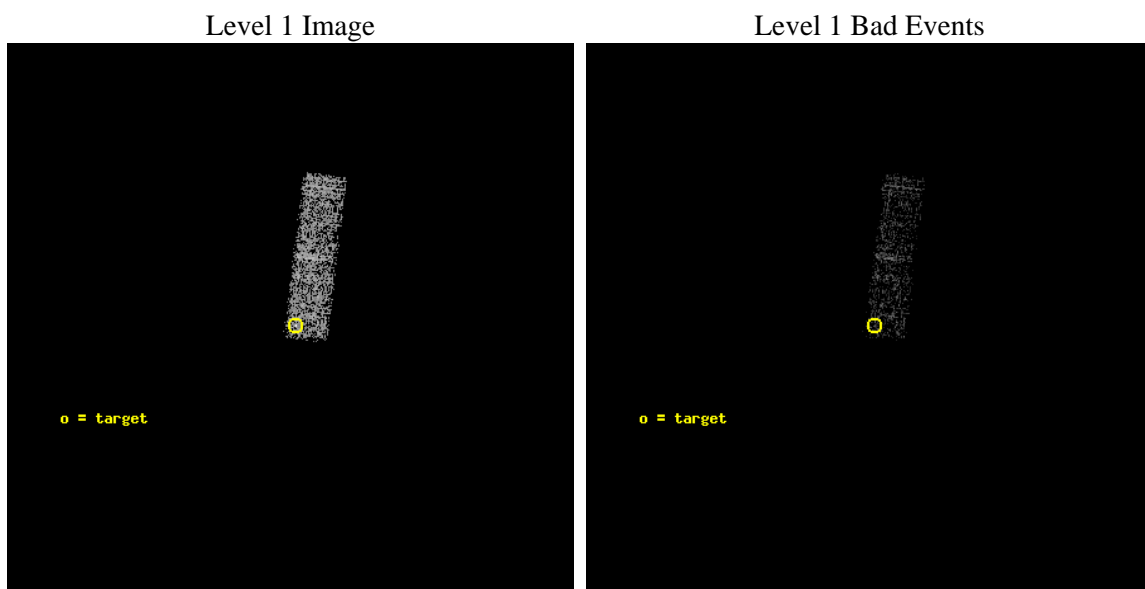
seq_num	700362	Sequence number
obs_id	2172	Observation id
title	RED QUASARS AND THE X-RAY BACKGROUND	Proposal title
observer	Dr. Belinda Wilkes	Principal investigator
object	2MASSJ171442+2602	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.678333	Observer's specified target RA [deg]
dec_targ	26.046806	Observer's specified target Dec [deg]
ra_nom	258.68326164645	Nominal RA [deg]
dec_nom	26.045589552398	Nominal Dec [deg]
roll_nom	7.3512864777005	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3217.5999880284	Sum of GTIs [s]
livetime	3060.5916370479	Livetime [s]
ontime3	3217.5999880284	Sum of GTIs [s]
l2events	808	Number of level 2 events



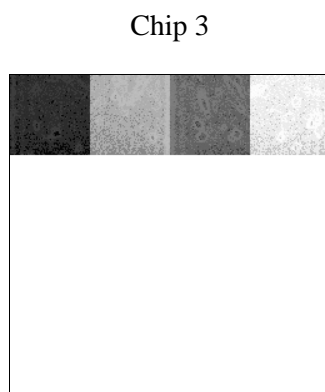
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3217.5999880284	Sum of GTIs [s]
caldsver	4.5.2	 	ontime3	3217.5999880284	Sum of GTIs [s]
date	2012-09-29T02:18:30	Date and time of file creation	l1events	8390	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

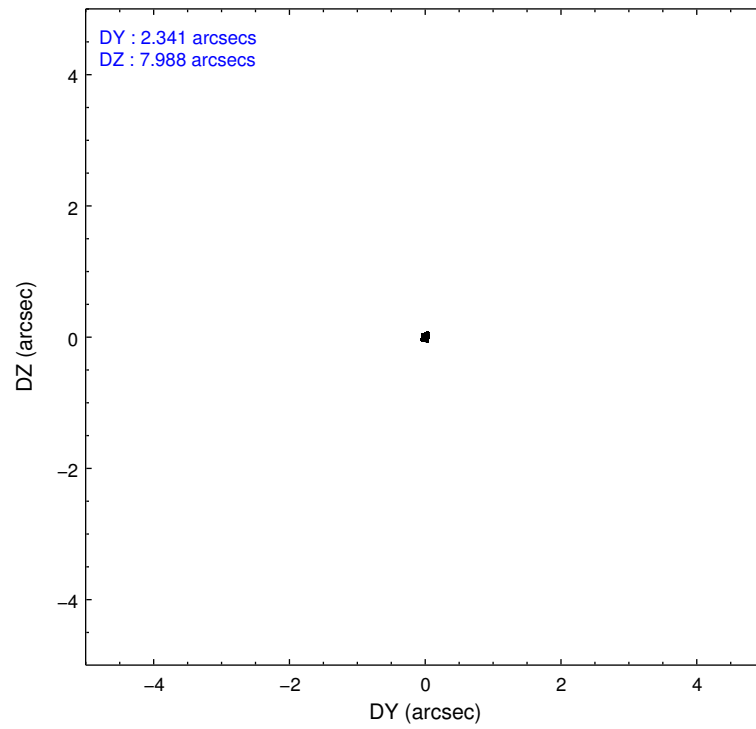
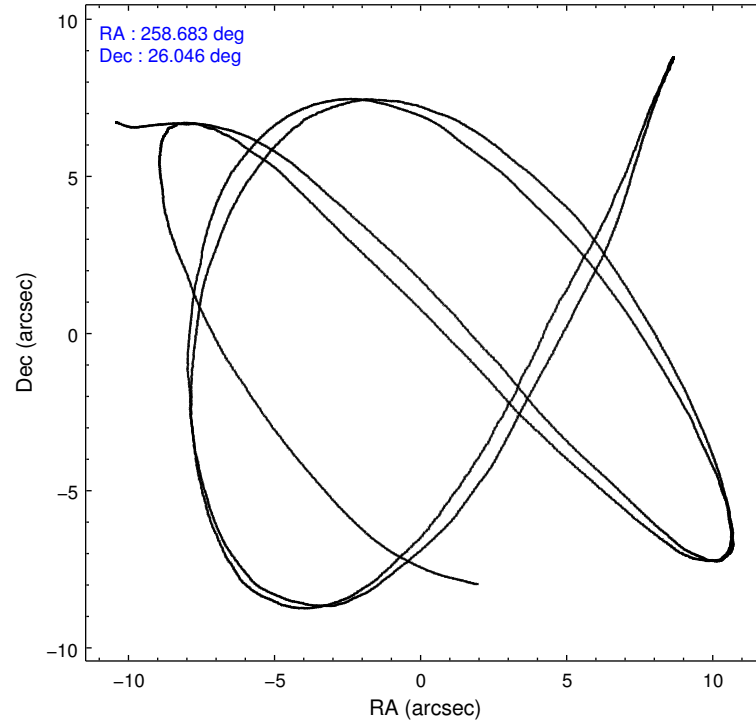
	ccd 3
level 1 events	8390
rejected events	7458
rejected %	88%

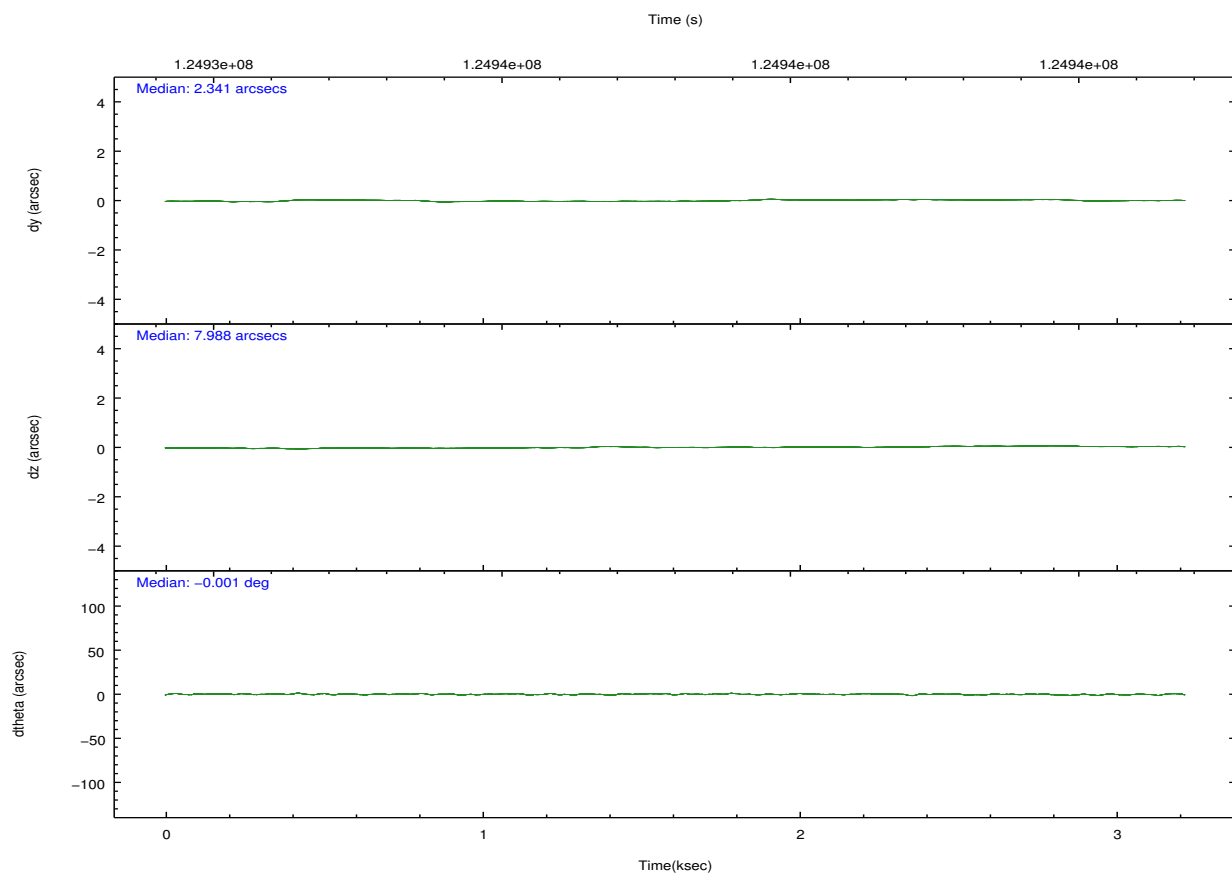
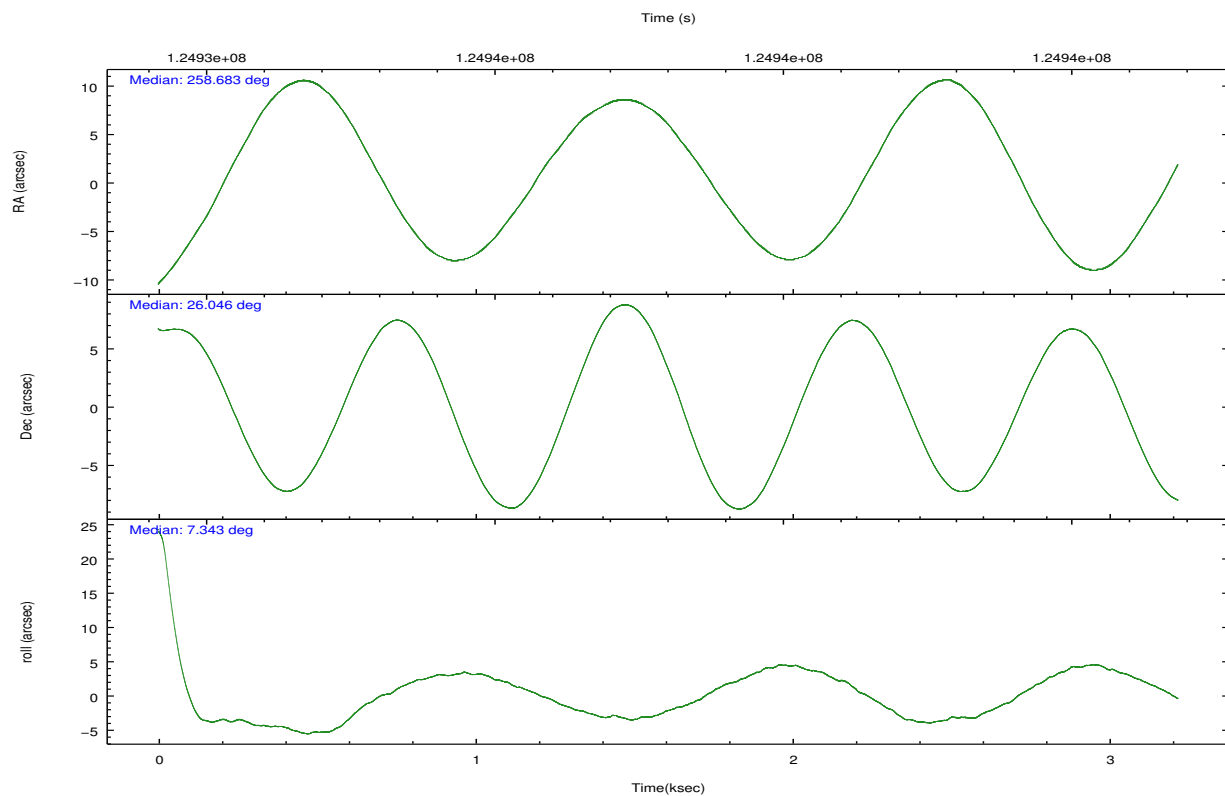
	ccd 3
grade 0 events	502
	5%
grade 1 events	5
	0%
grade 2 events	174
	2%
grade 3 events	142
	1%
grade 4 events	131
	1%
grade 5 events	237
	2%
grade 6 events	141
	1%
grade 7 events	7058
	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	258.659157	258.683261646454	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	26.028848	26.04558955239785	Subarray start row	769	769
[deg] Pointing Roll	7.153194	7.351286477700545	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	124934206.184000	124933233.38482			
Observation start date	2001-12-16T23:55:42	2001-12-16T23:40:33			
[s] Observation end time (MET)	124937206.184000	124937413.84749			
Observation end date	2001-12-17T00:45:42	2001-12-17T00:50:13			
Read mode	TIMED	TIMED			

2.3 Aspect



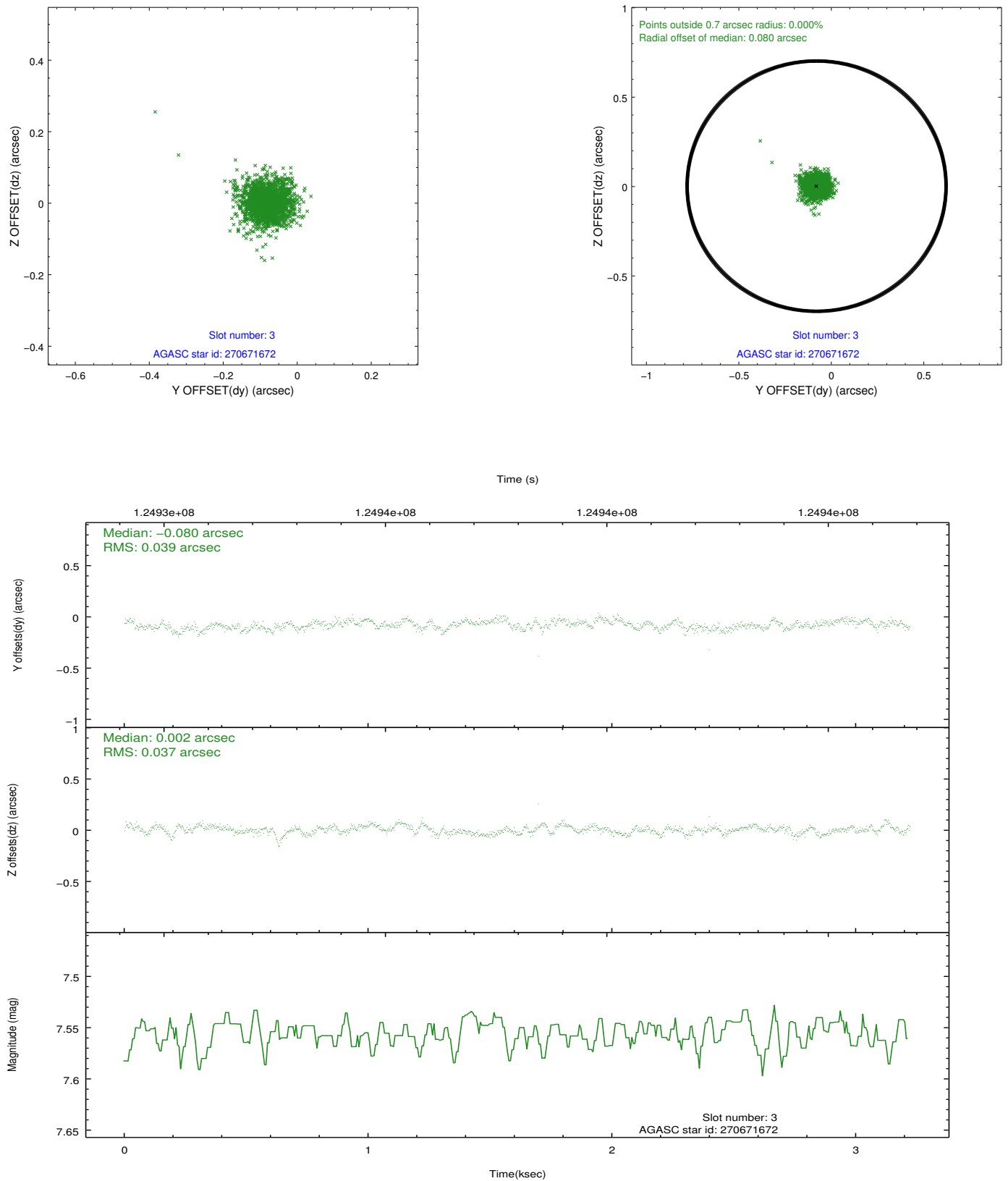


Slot Statistics

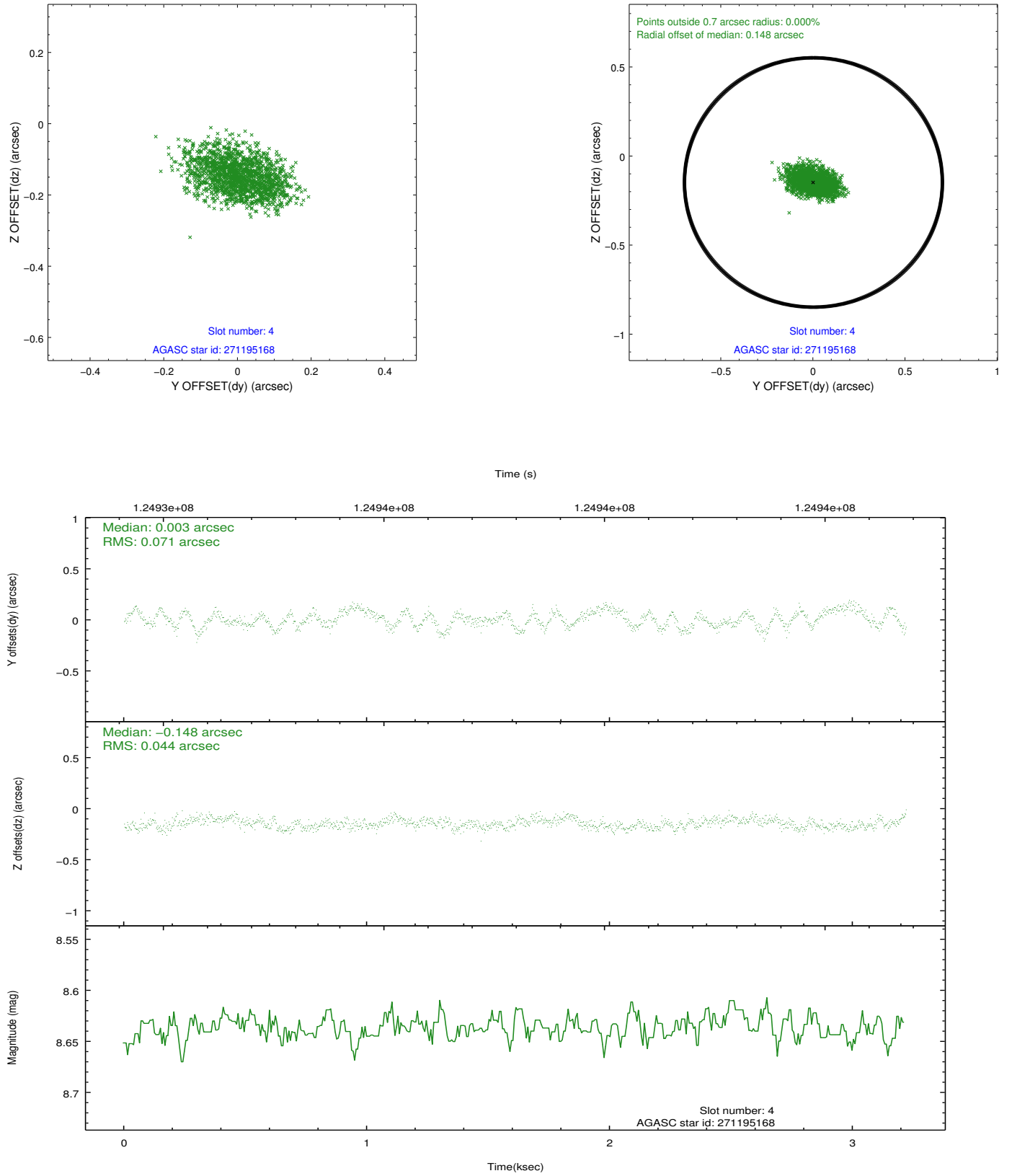
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	783	-0.033	0.068	0.006	0.011	0.000000	0.000000	937.42	-831.36
1	FID	ACIS-I-5	7.24	785	-0.018	0.037	0.006	0.010	0.000000	0.000000	-1809.53	1065.16
2	FID	ACIS-I-6	7.26	785	-0.041	-0.034	0.007	0.010	0.000000	0.000000	400.86	1711.80
3	GUIDE	270671672	7.56	1571	-0.080	0.002	0.055	0.091	259.295046	25.873850	1975.67	-805.21
4	GUIDE	271195168	8.64	1571	0.003	-0.148	0.091	0.143	257.950141	26.621060	-1996.19	2404.56
5	GUIDE	270672456	9.05	1570	-0.066	0.070	0.074	0.123	259.009890	25.569479	924.12	-1779.76
6	GUIDE	270666136	9.40	1569	0.035	0.162	0.084	0.138	258.172610	25.875381	-1630.72	-350.56
7	GUIDE	270664584	9.47	1570	0.112	-0.083	0.113	0.172	257.967811	26.200494	-2138.32	896.15

2.4 Star Slots

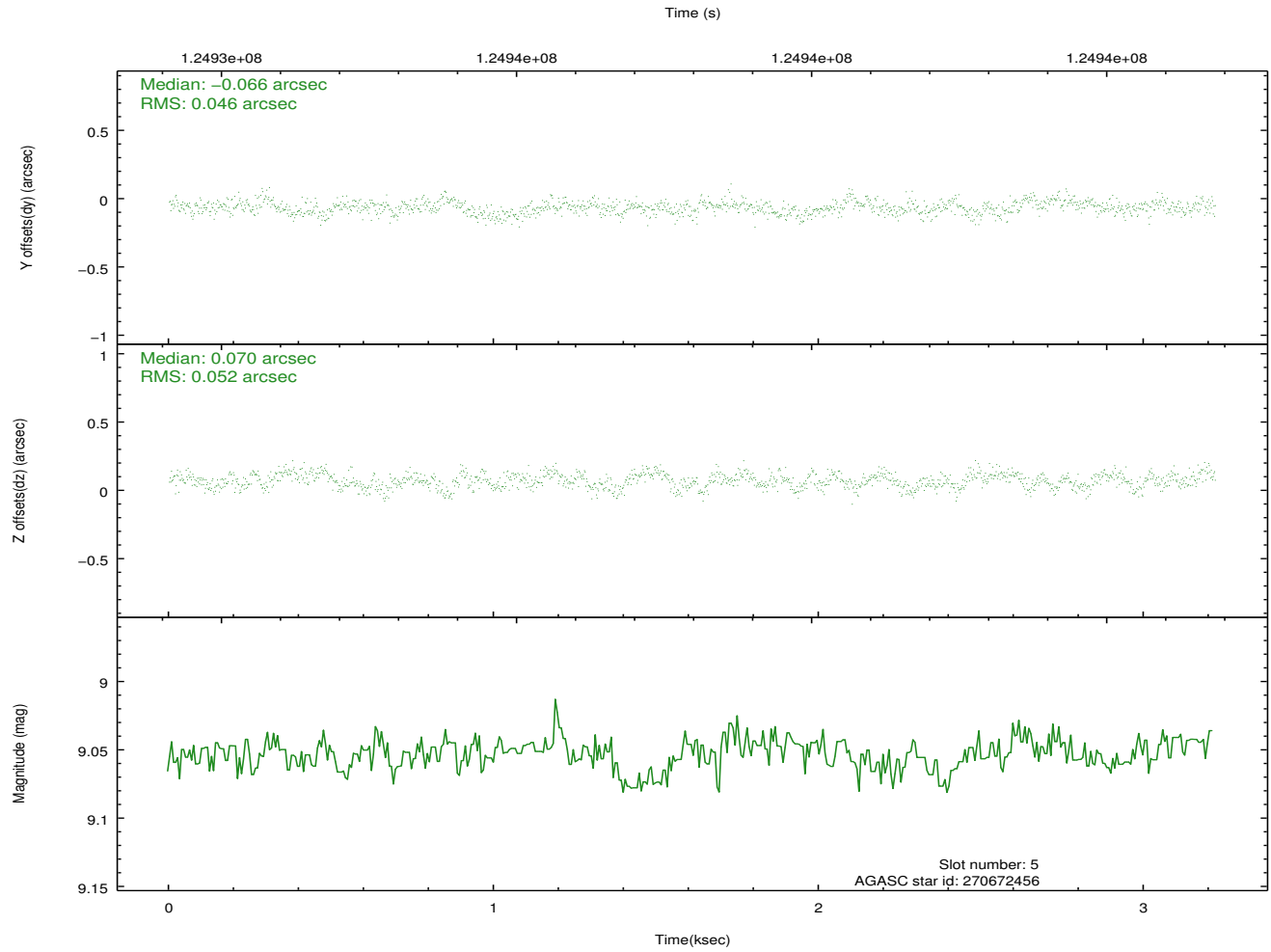
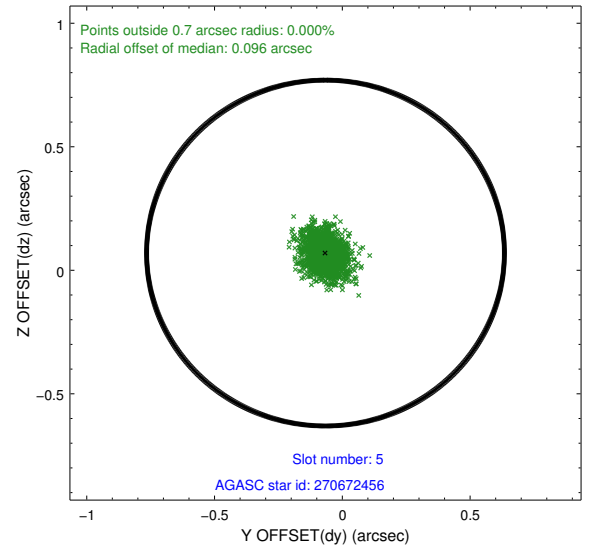
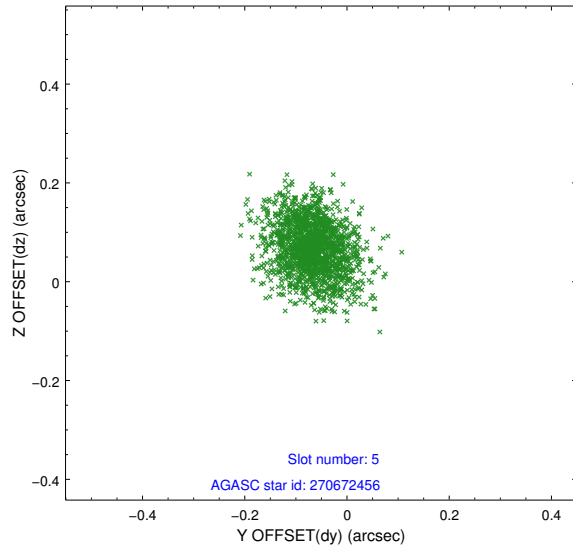
2.4.1 Slot 3



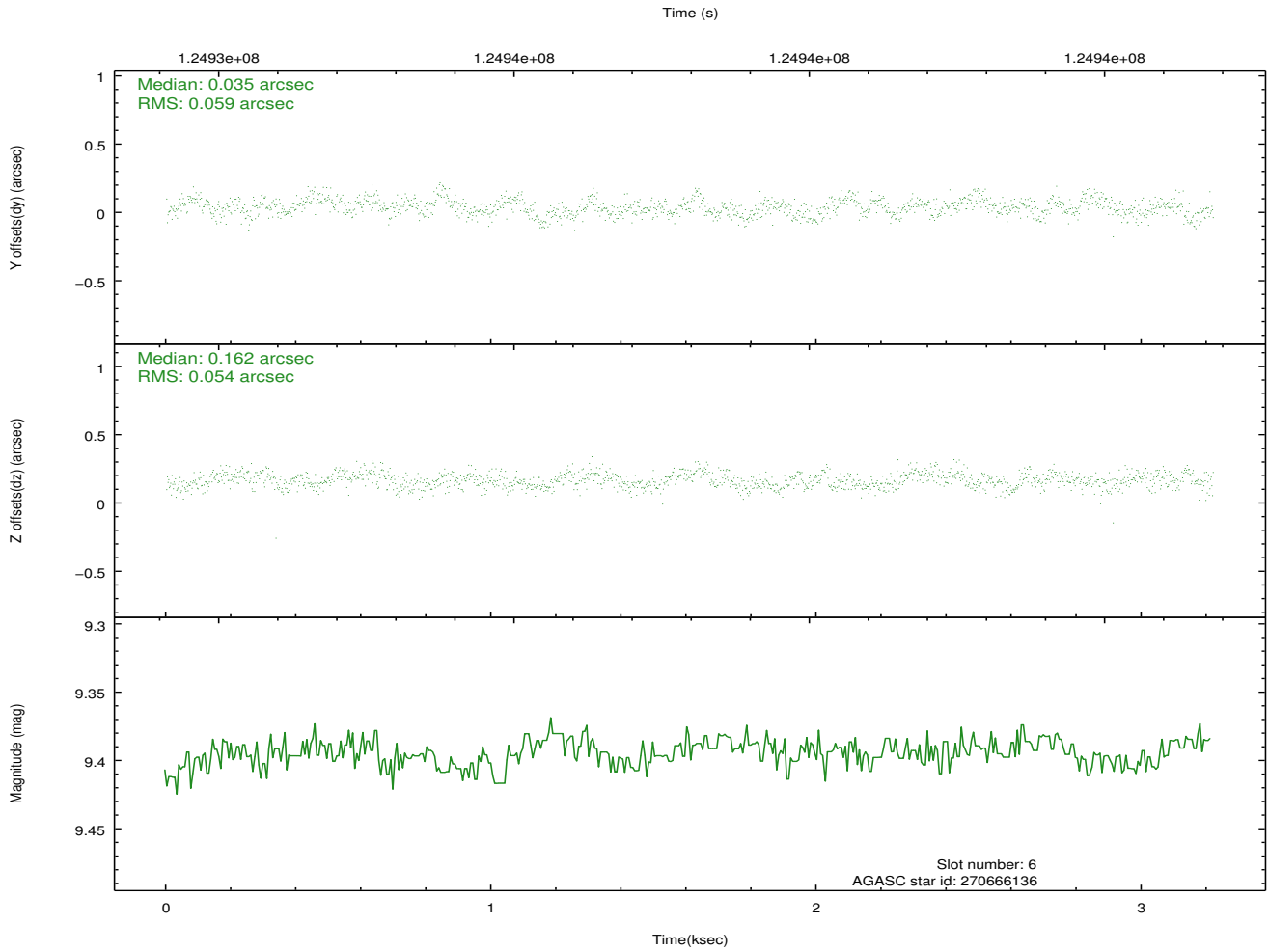
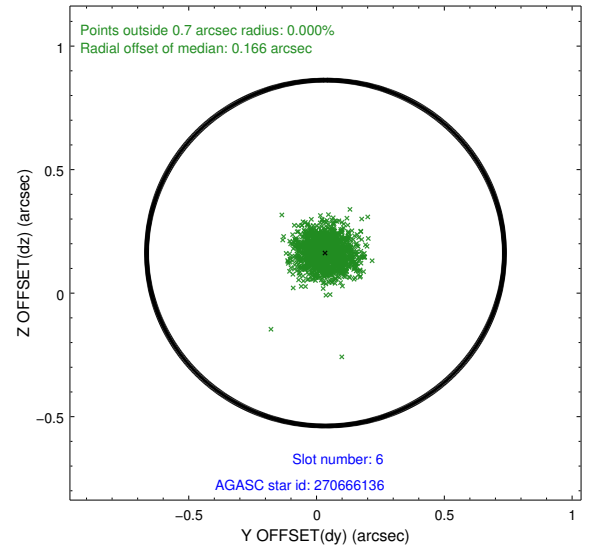
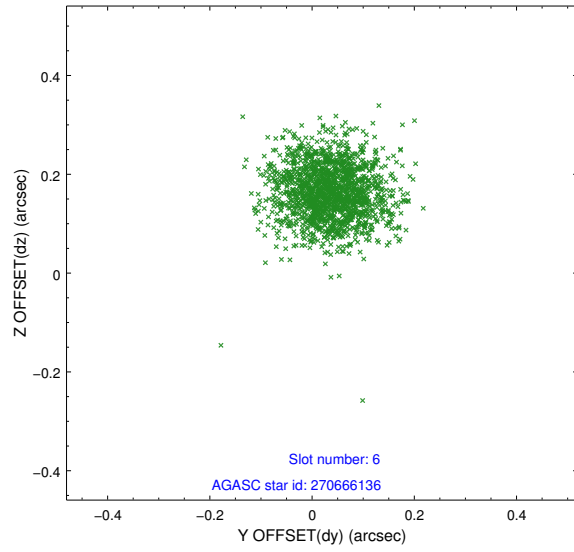
2.4.2 Slot 4



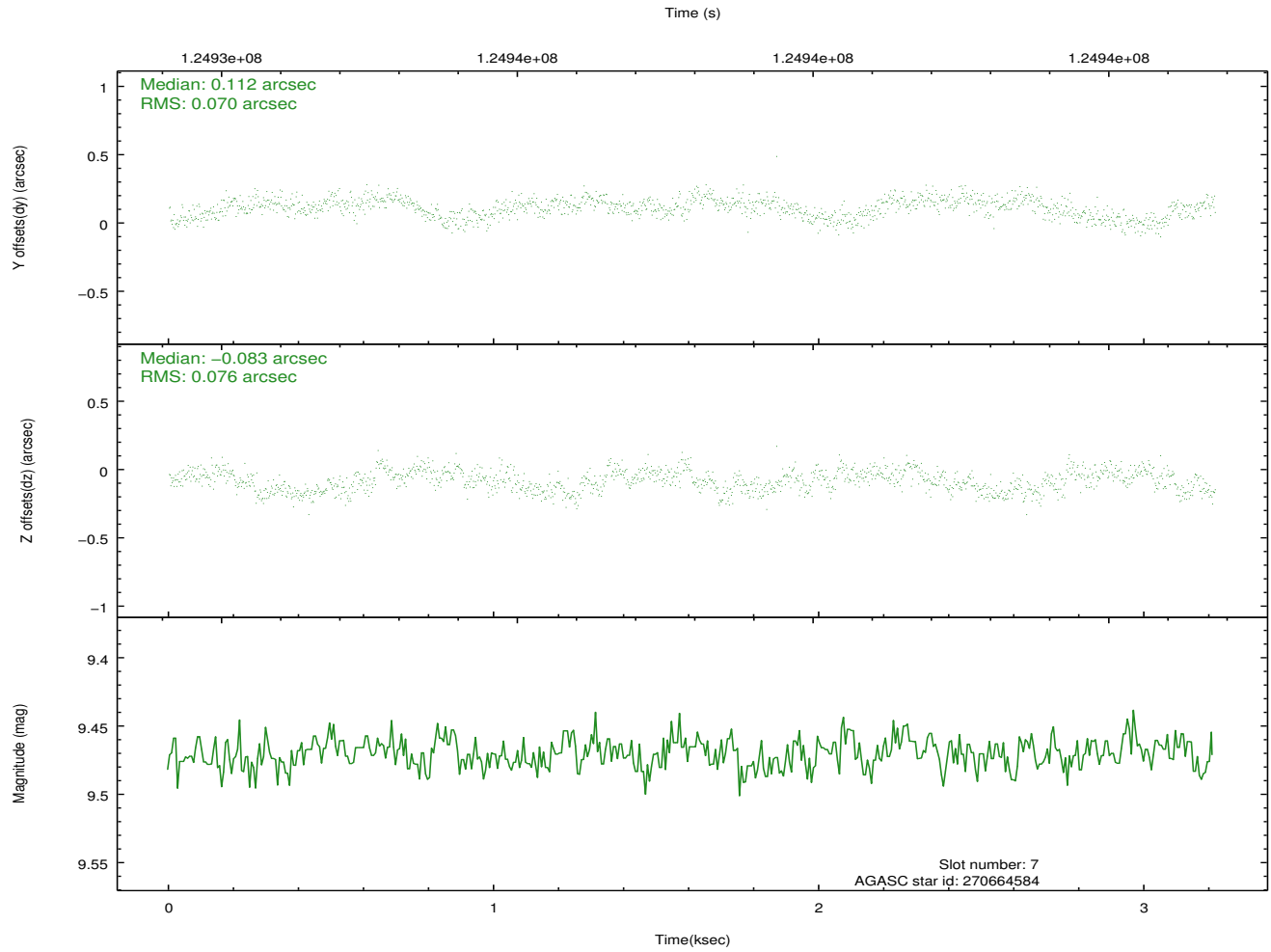
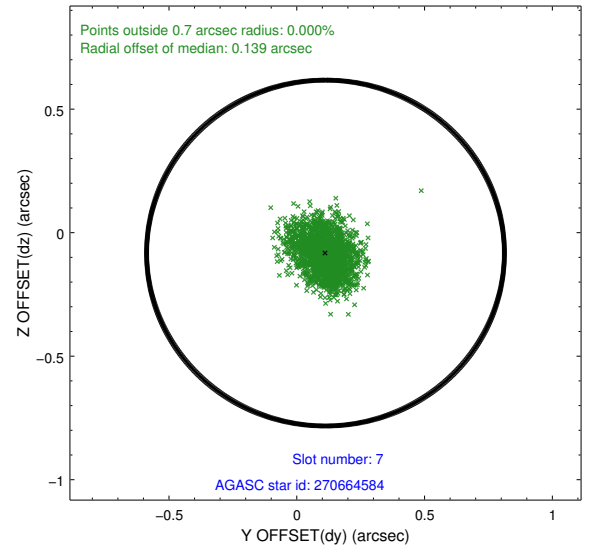
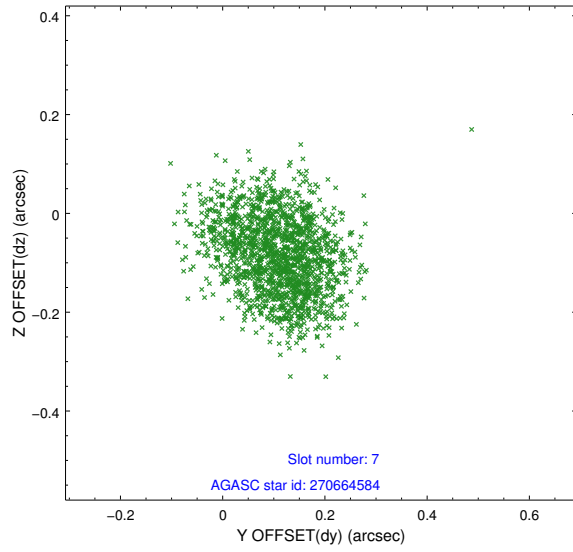
2.4.3 Slot 5



2.4.4 Slot 6

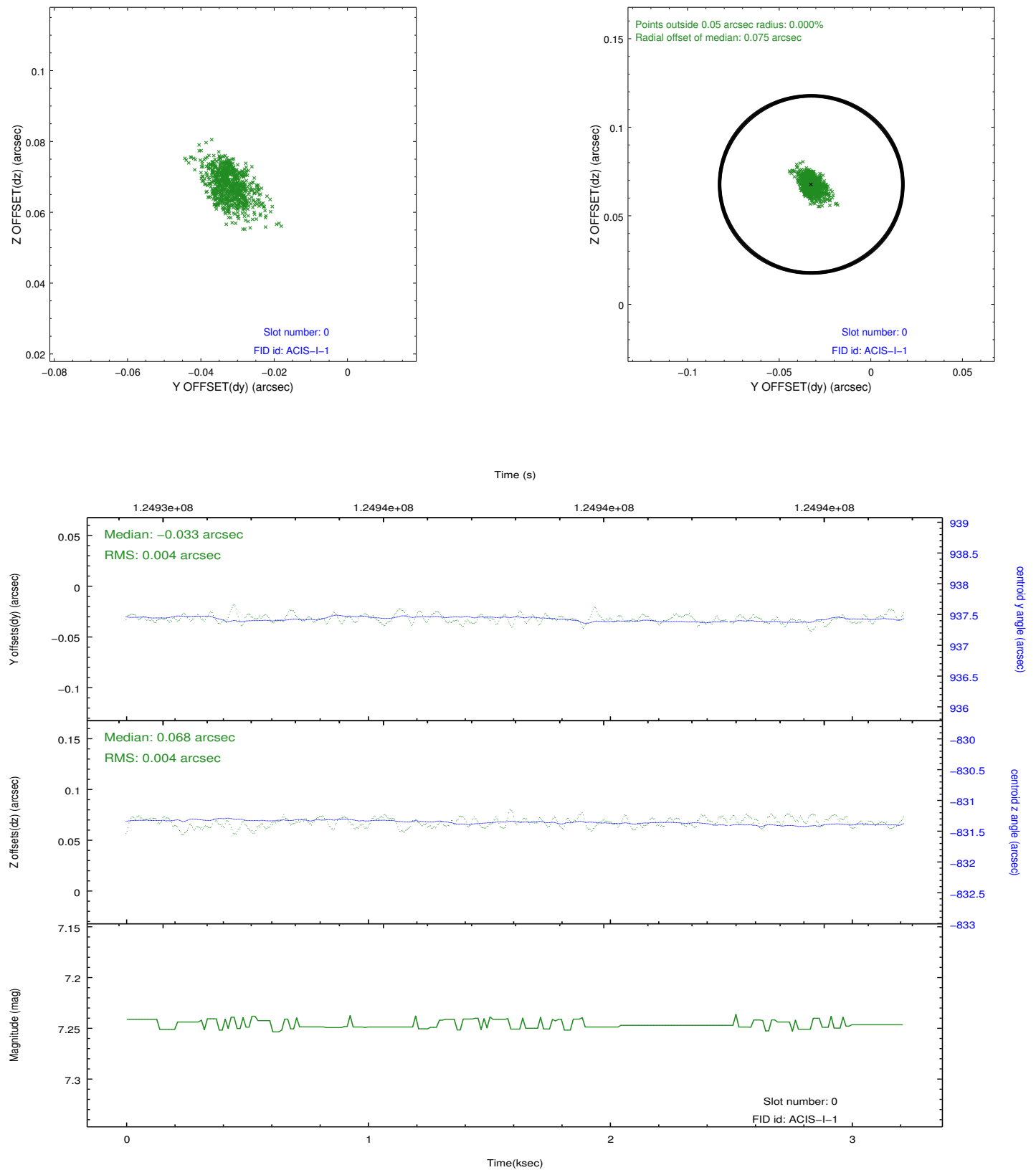


2.4.5 Slot 7

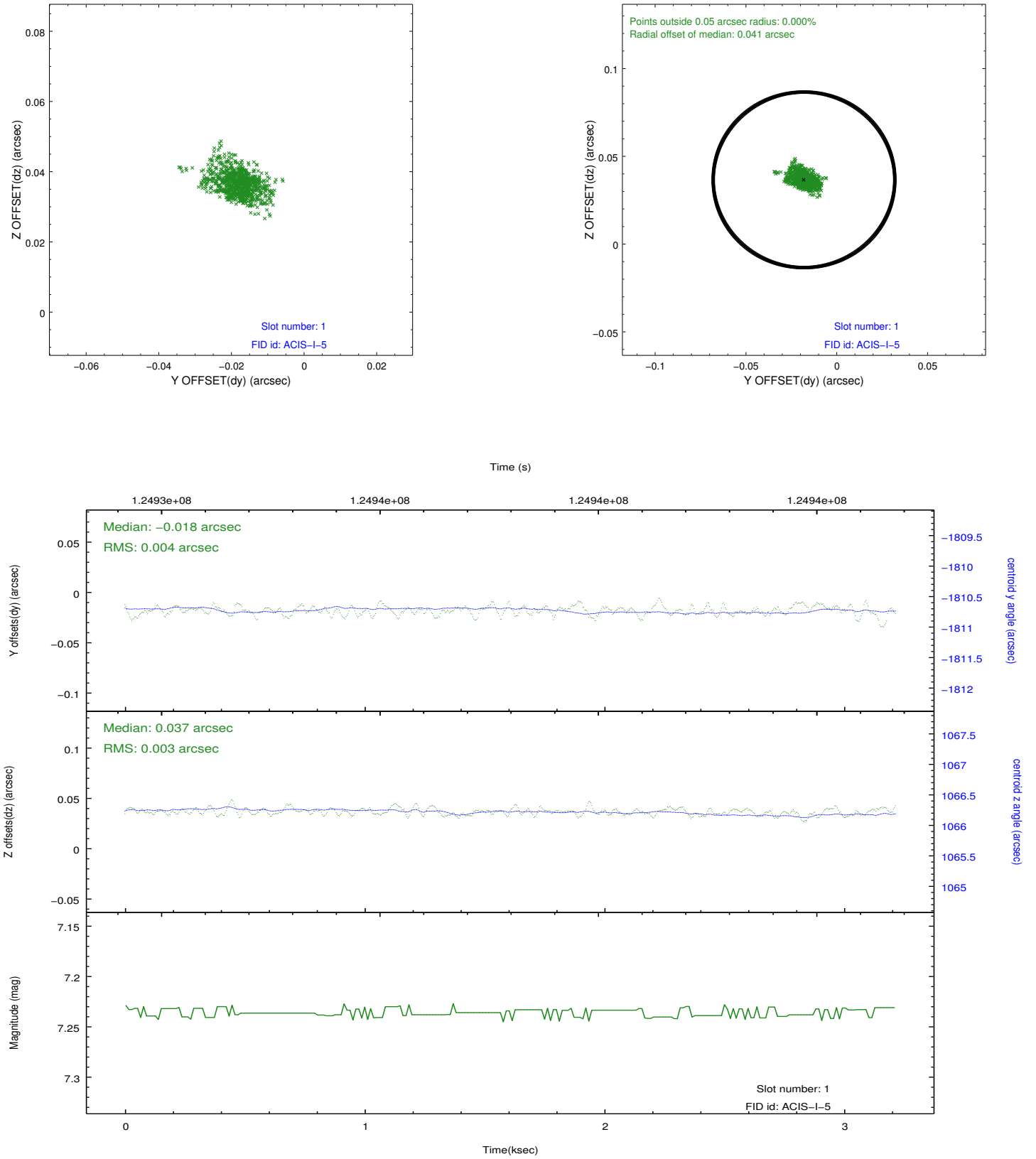


2.5 FID Slots

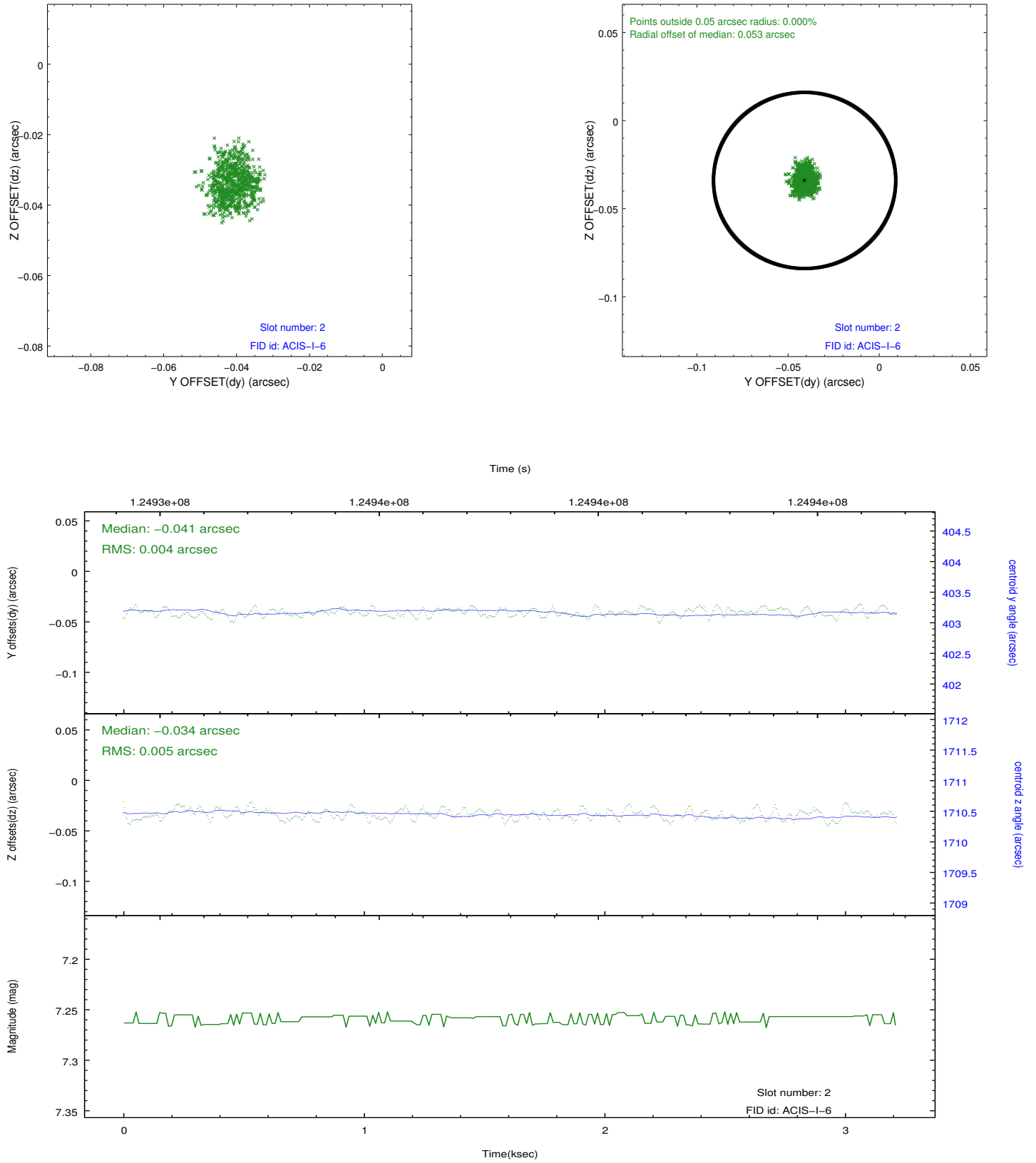
2.5.1 Slot 0



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)	2012.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.217

A.2 Comments