

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4790 - L2 Version 3
Chandra X-Ray Center

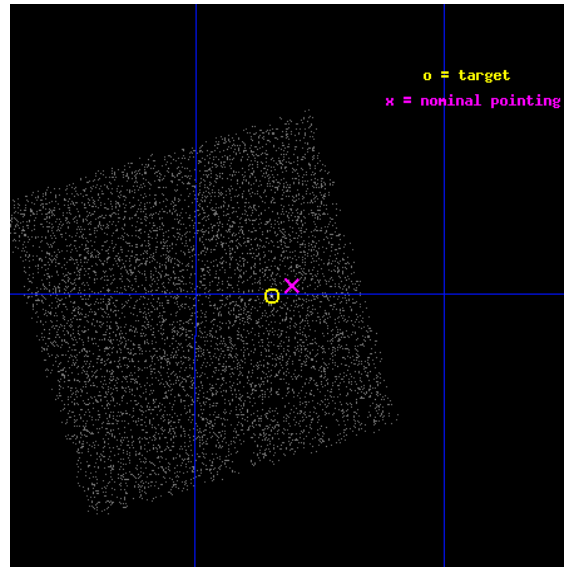
L2 Processing Date : Nov 30 2012

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1 Front

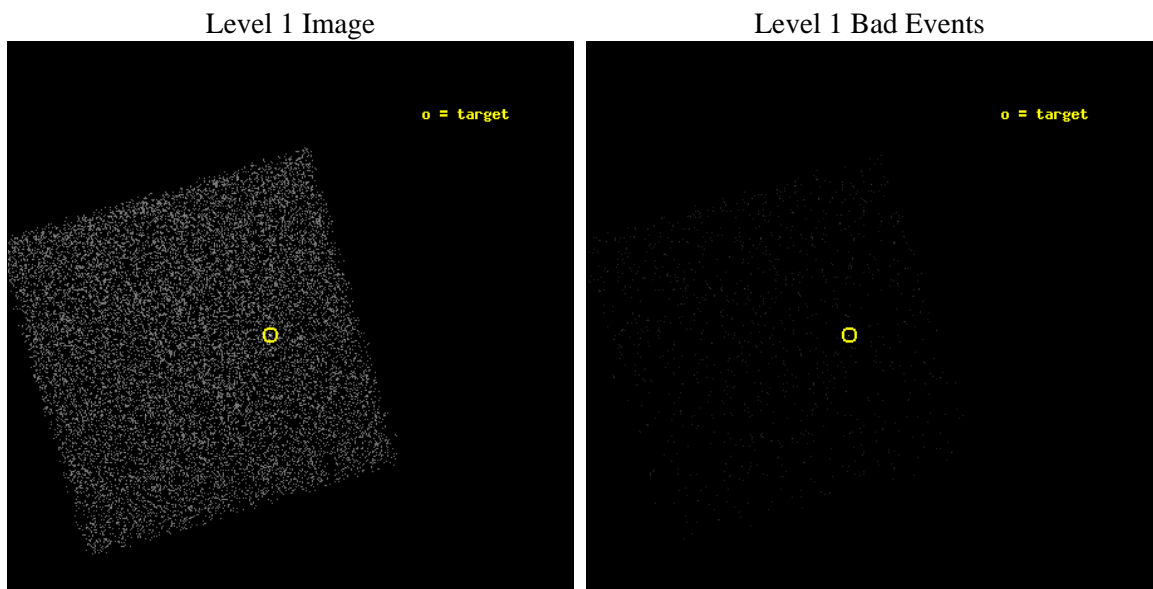
seq_num	700873	Sequence number
obs_id	4790	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1505-3540	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.586667	Observer's specified target RA [deg]
dec_targ	29.665917	Observer's specified target Dec [deg]
ra_nom	226.57663786733	Nominal RA [deg]
dec_nom	29.670312208891	Nominal Dec [deg]
roll_nom	163.46935633408	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2046.0	Sum of GTIs [s]
livetime	2018.3884460579	Livetime [s]
ontime7	2046.0	Sum of GTIs [s]
l2events	7753	Number of level 2 events



2 OBI

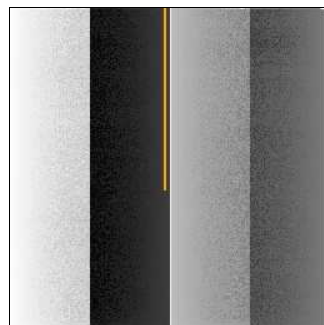
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1870.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2046.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	2046.0	Sum of GTIs [s]
date	2012-11-30T15:11:35	Date and time of file creation	l1events	31474	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

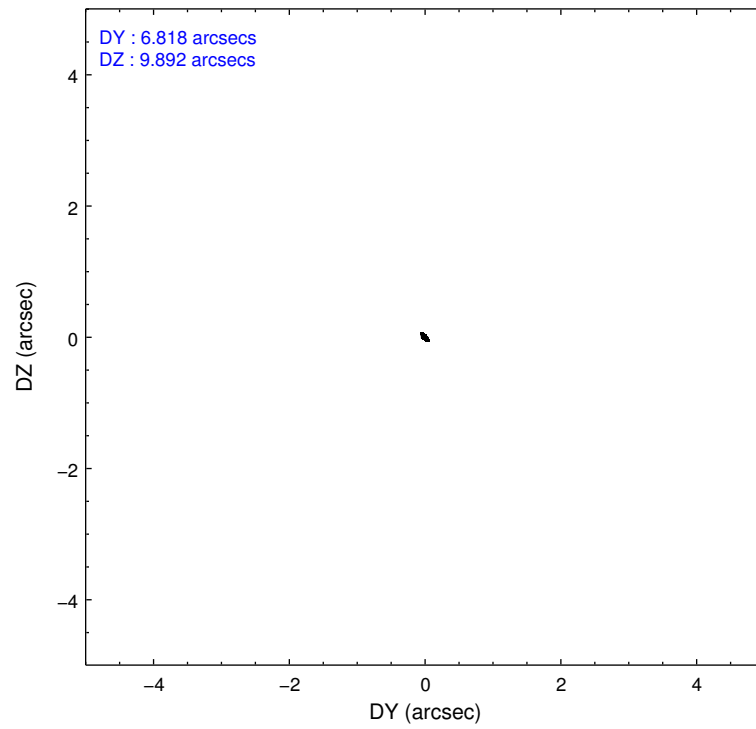
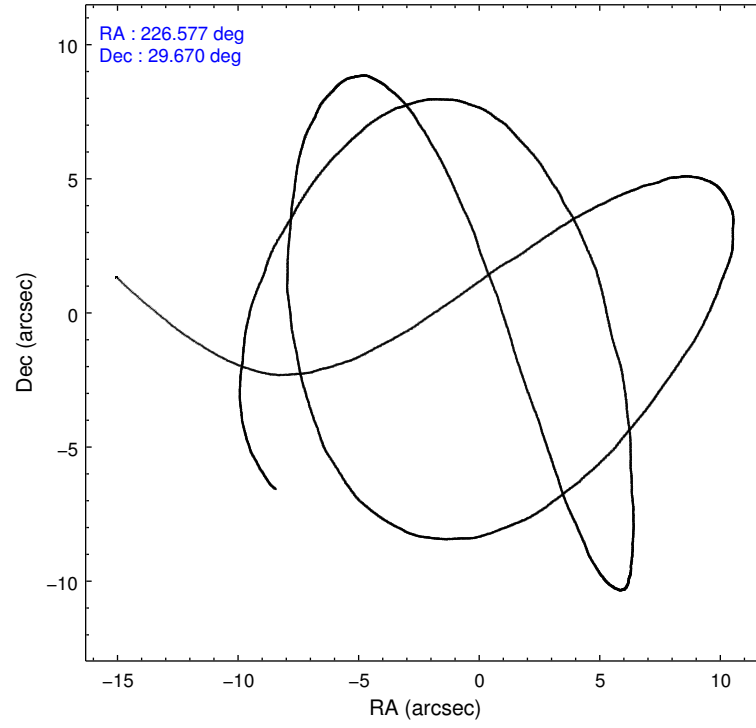
	ccd 7
level 1 events	31474
rejected events	23545
rejected %	74%

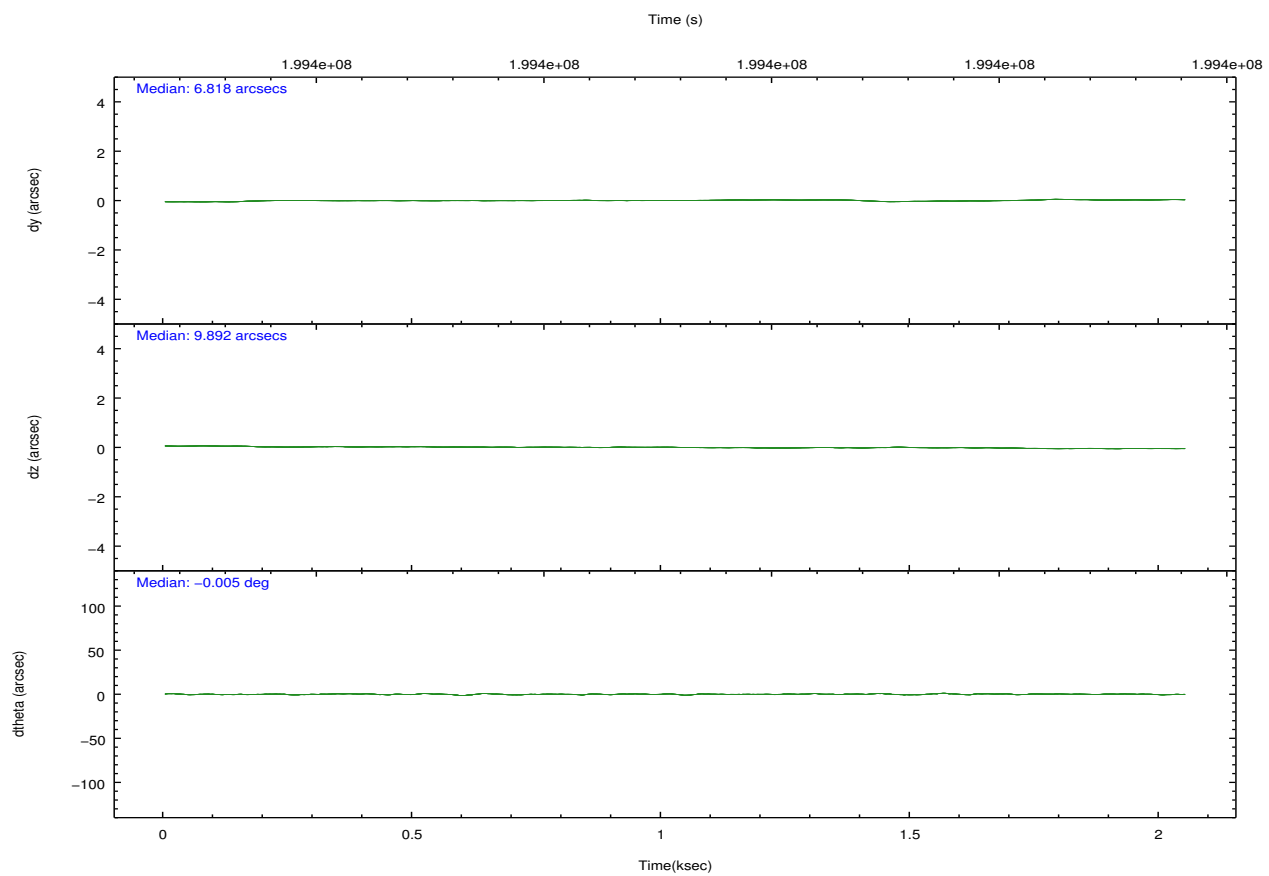
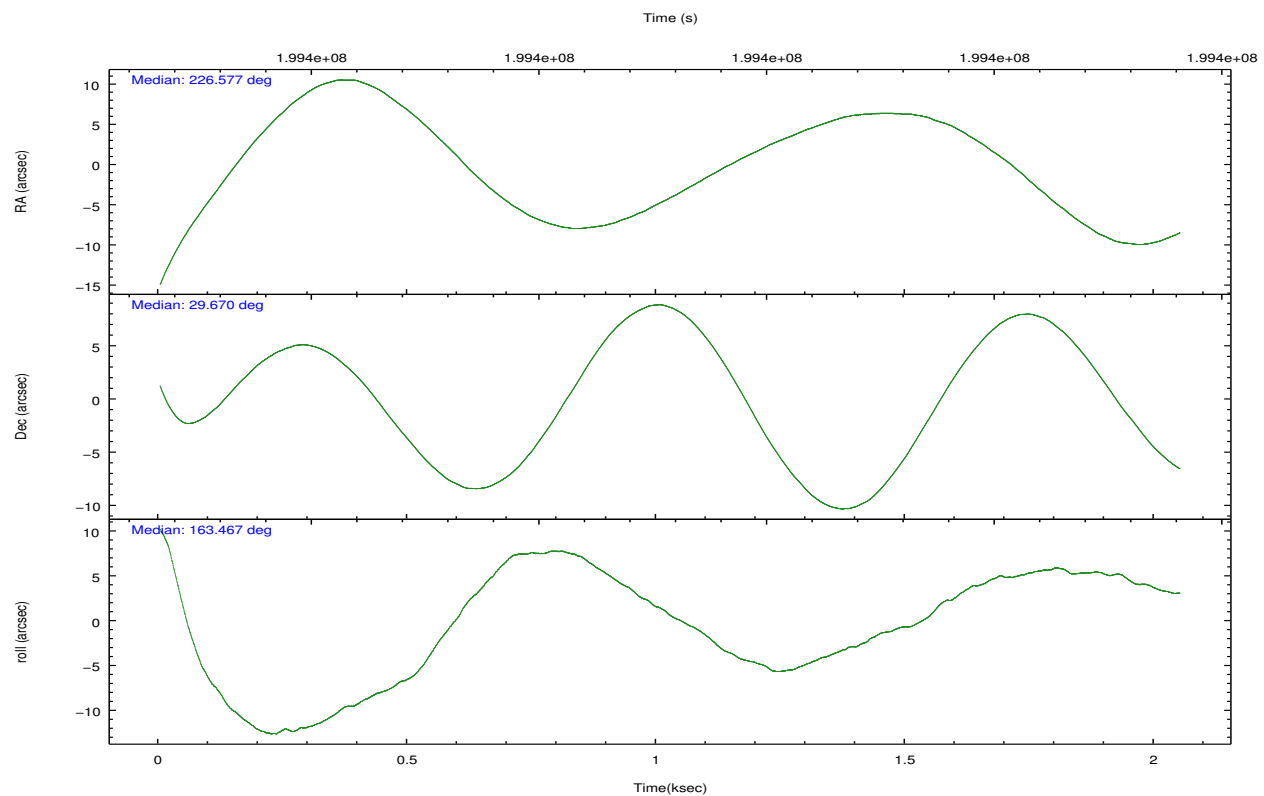
	ccd 7
grade 0 events	1193
	3%
grade 1 events	36
	0%
grade 2 events	2531
	8%
grade 3 events	1216
	3%
grade 4 events	1180
	3%
grade 5 events	3065
	9%
grade 6 events	6991
	22%
grade 7 events	15262
	48%

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	226.607101	226.5766378673347	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.676957	29.67031220889074	Alternating exposures requested	N	N
[deg] Pointing Roll	163.297554	163.4693563340833	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	199397448.184000	199395940.01509			
Observation start date	2004-04-26T20:09:44	2004-04-26T19:45:40			
[s] Observation end time (MET)	199399318.184000	199400179.92778			
Observation end date	2004-04-26T20:40:54	2004-04-26T20:56:19			
Read mode	TIMED	TIMED			

2.3 Aspect



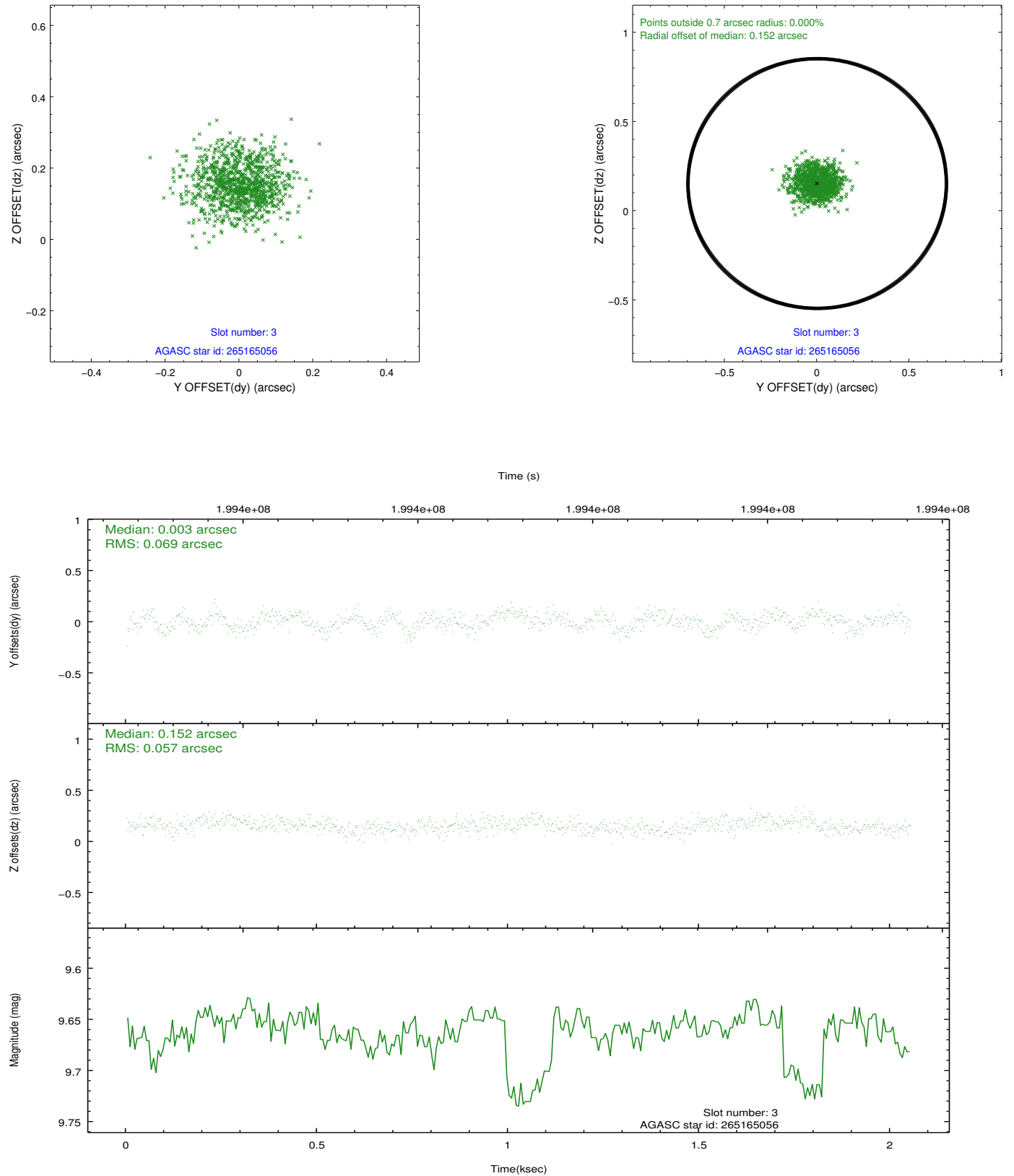


Slot Statistics

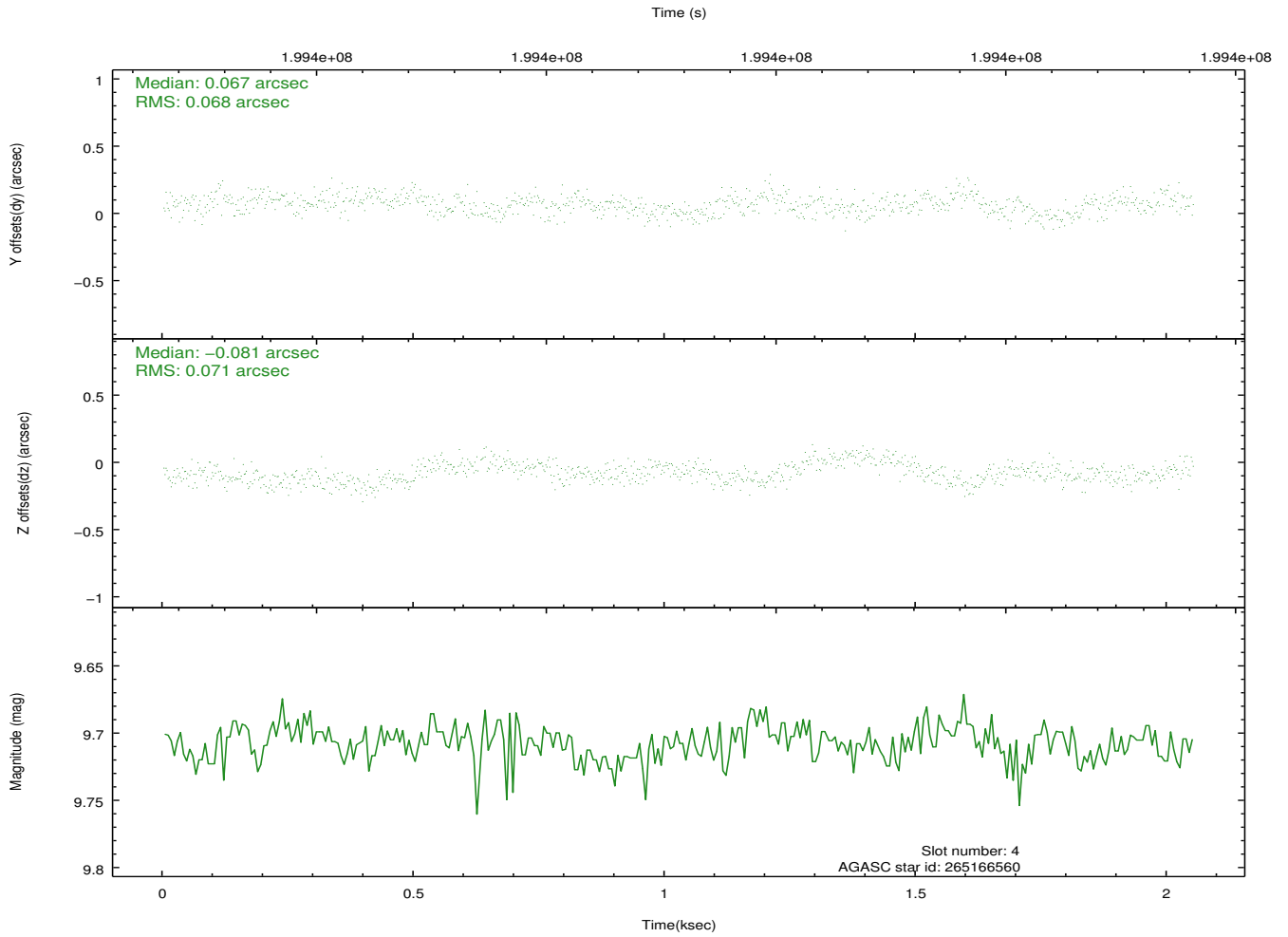
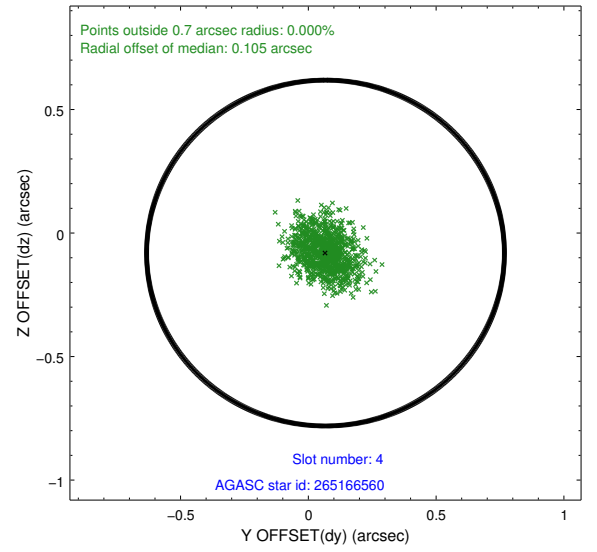
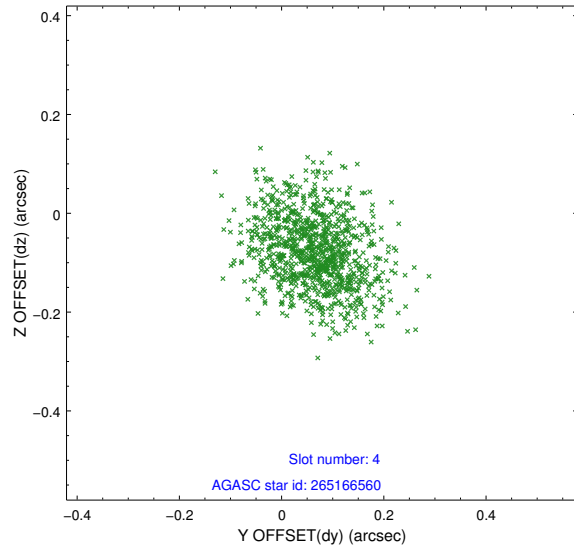
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	500	-0.051	-0.028	0.007	0.012	0.000000	0.000000	-759.58	-1731.12
1	FID	ACIS-S-4	7.20	500	0.085	0.032	0.006	0.011	0.000000	0.000000	2152.35	174.17
2	FID	ACIS-S-5	7.24	500	-0.066	0.005	0.007	0.012	0.000000	0.000000	-1808.37	171.38
3	GUIDE	265165056	9.66	999	0.003	0.152	0.096	0.159	225.818456	29.330647	2014.89	1898.18
4	GUIDE	265166560	9.71	996	0.067	-0.081	0.108	0.167	226.011231	29.629451	1740.10	697.39
5	GUIDE	266077504	9.23	1001	-0.087	-0.044	0.081	0.131	226.602042	29.192011	-484.98	1677.83
6	GUIDE	266080256	9.31	999	0.128	-0.018	0.101	0.157	226.532042	29.432388	-28.12	912.84
7	GUIDE	335810664	9.38	1000	-0.110	-0.016	0.099	0.153	227.493019	30.004042	-2303.90	-1930.75

2.4 Star Slots

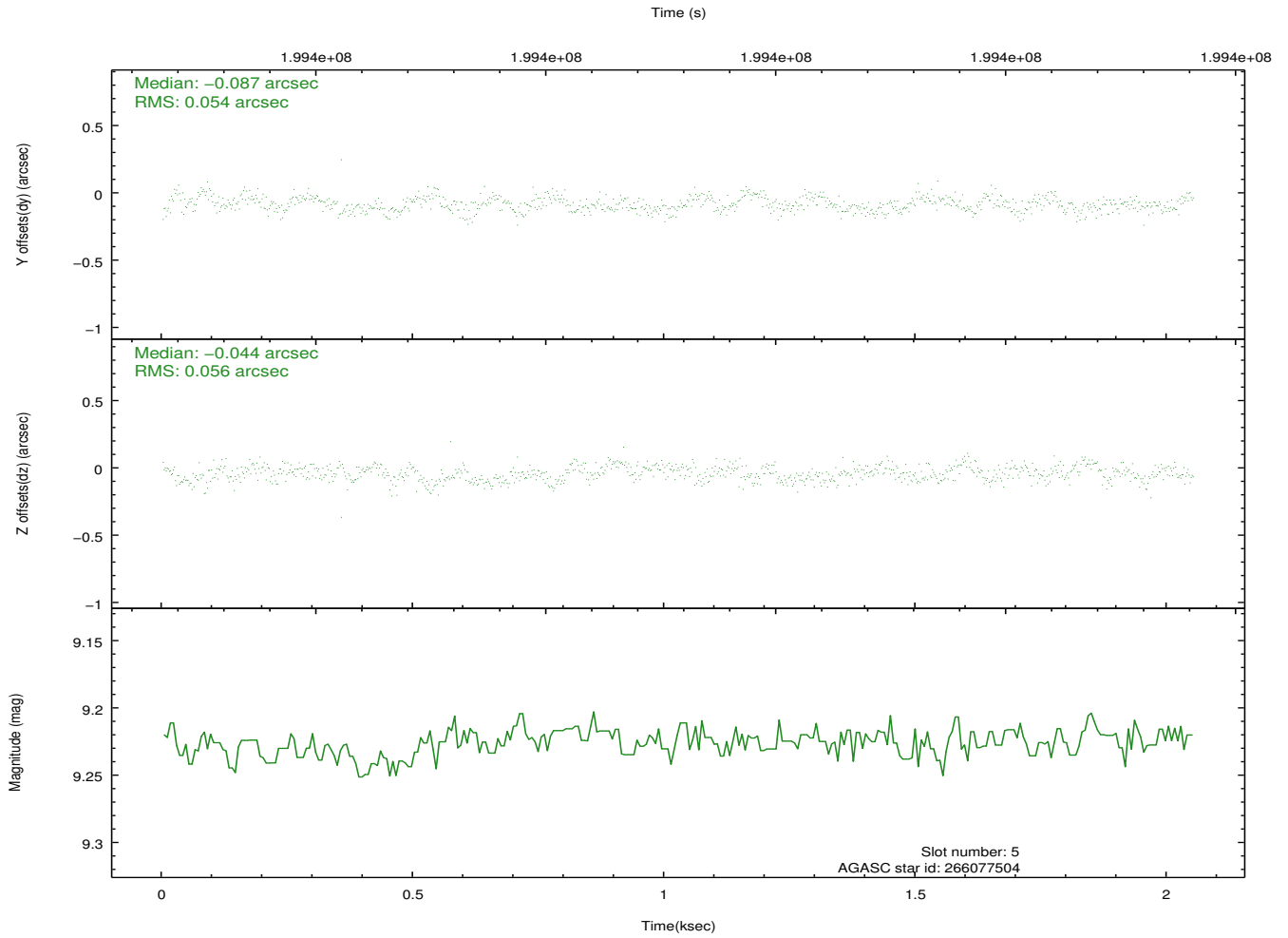
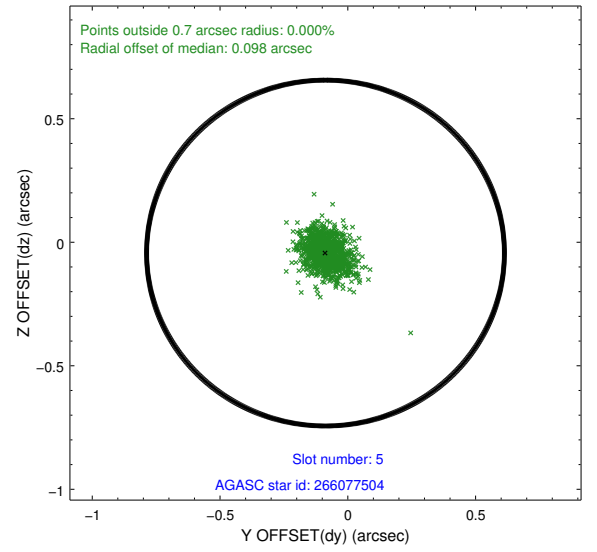
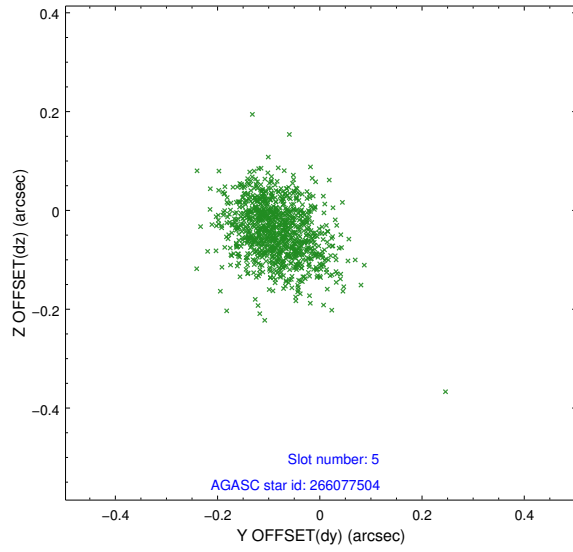
2.4.1 Slot 3



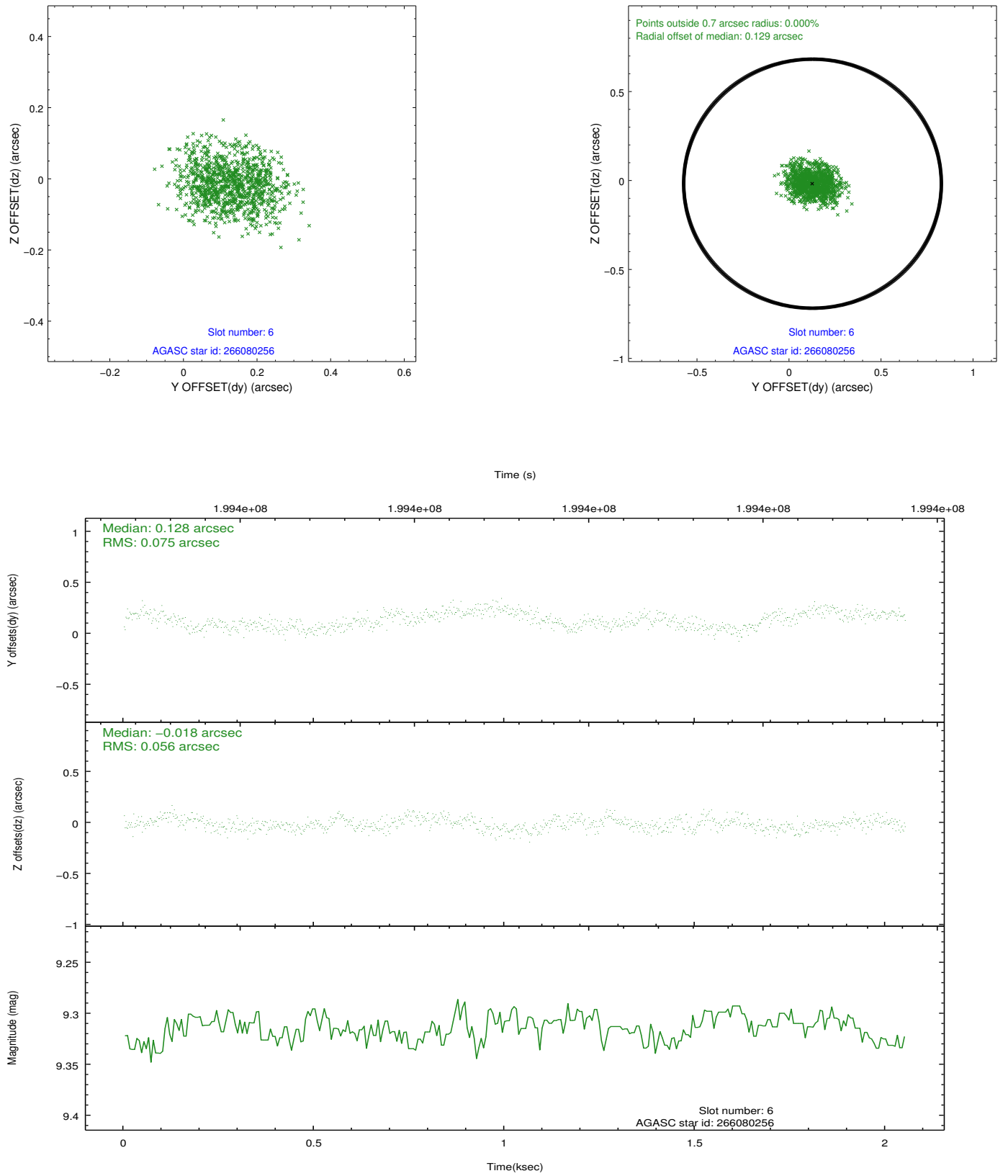
2.4.2 Slot 4



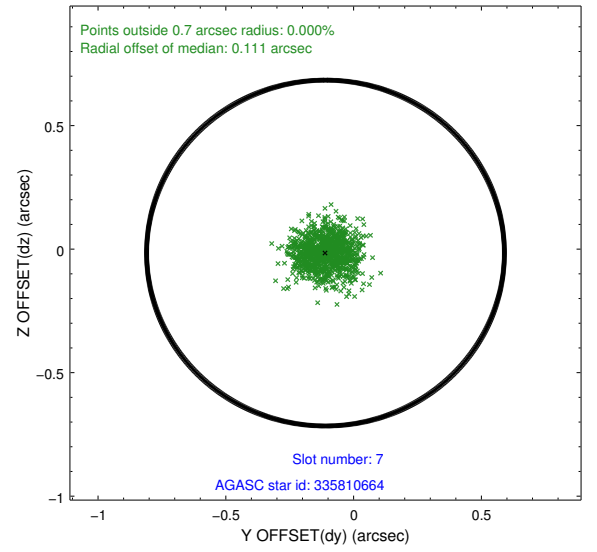
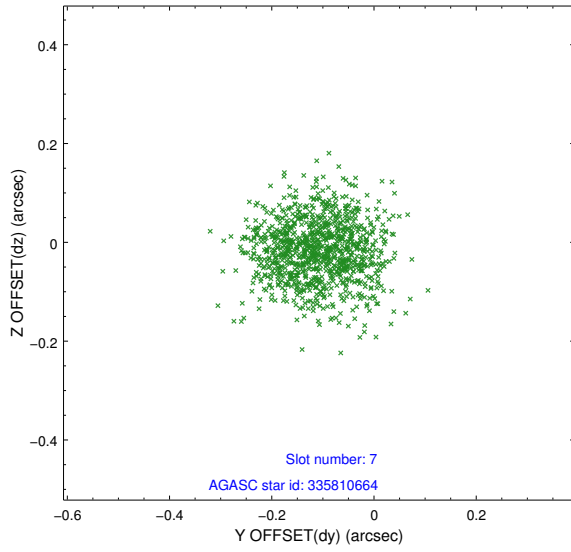
2.4.3 Slot 5



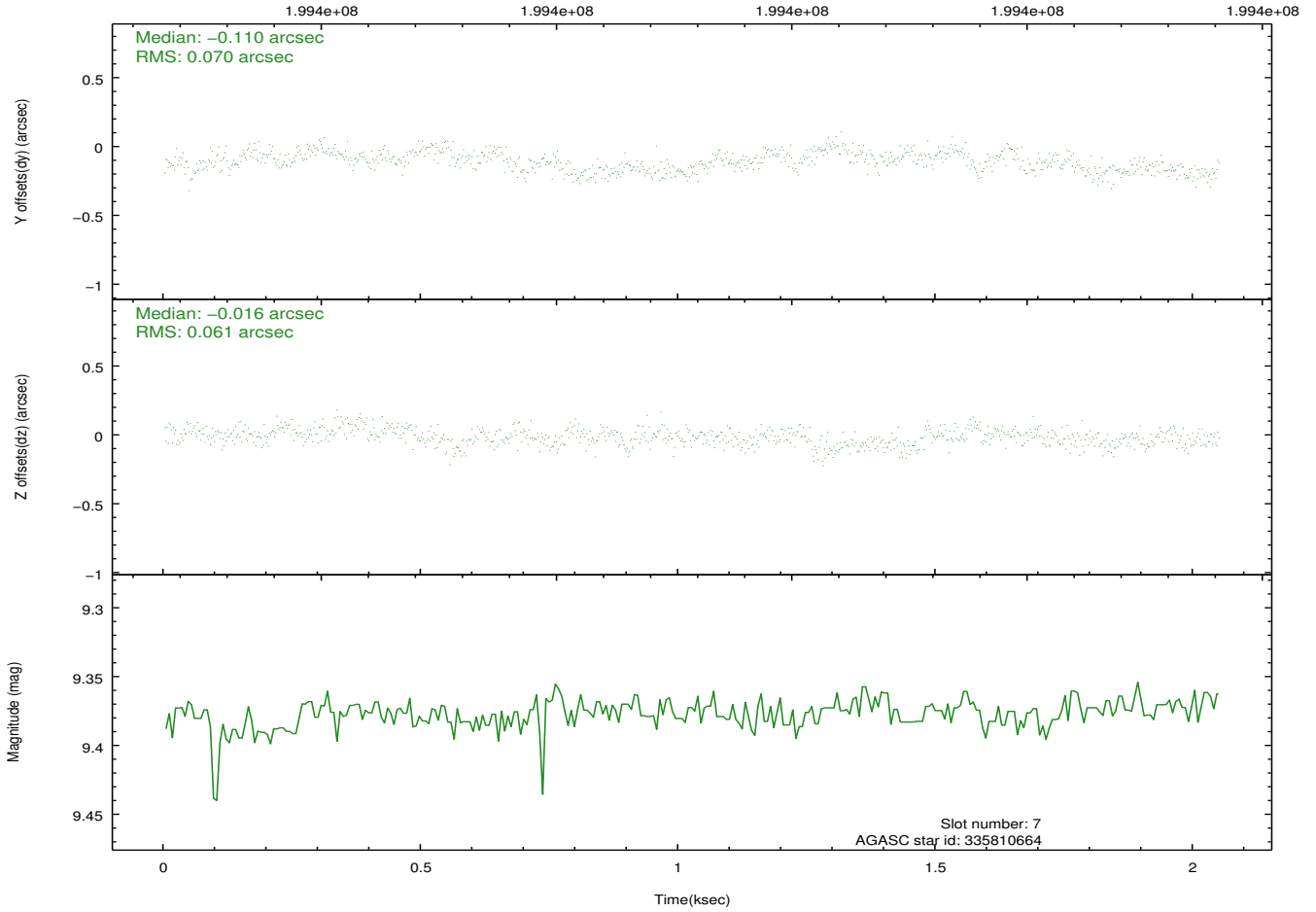
2.4.4 Slot 6



2.4.5 Slot 7

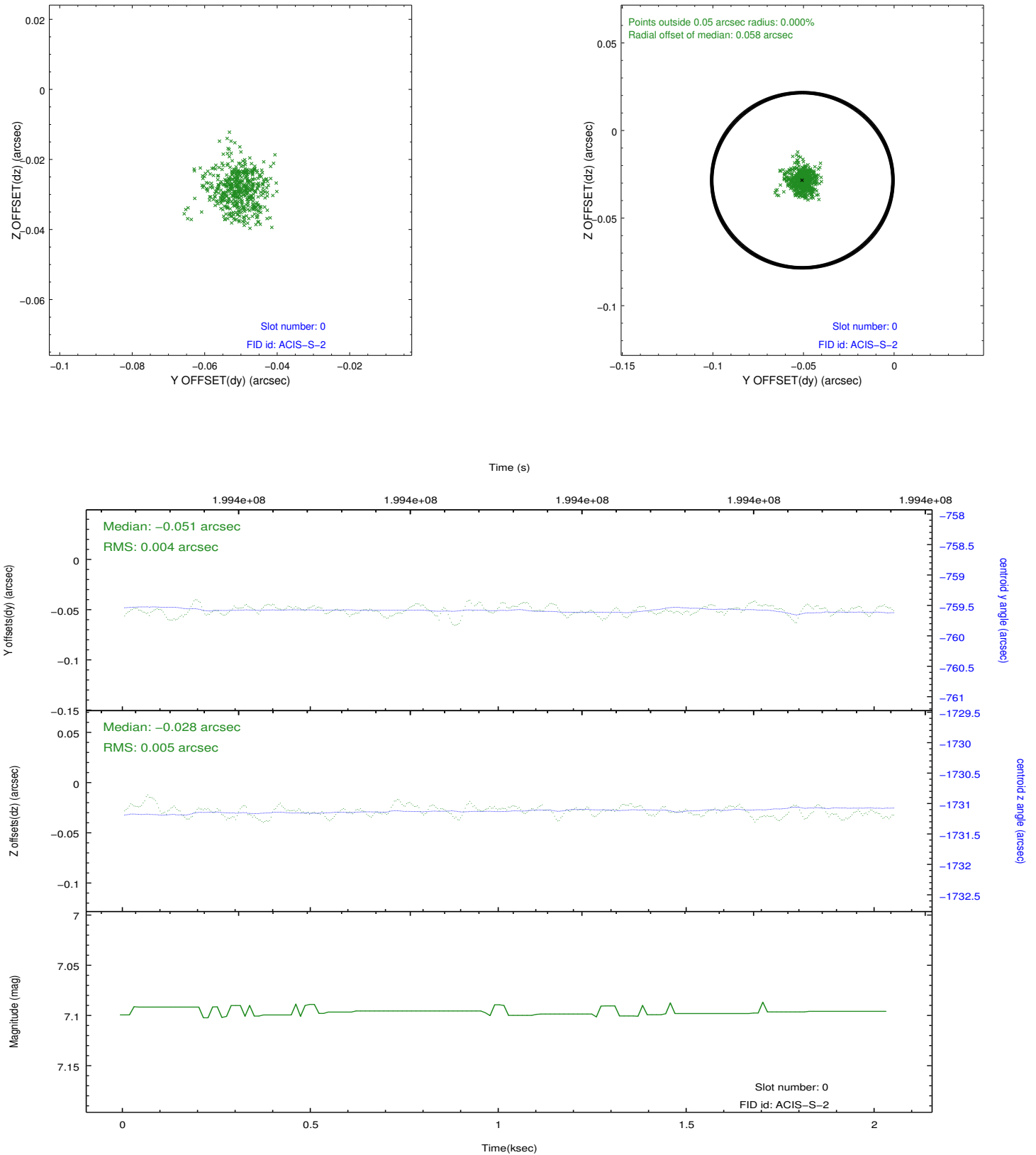


Time (s)

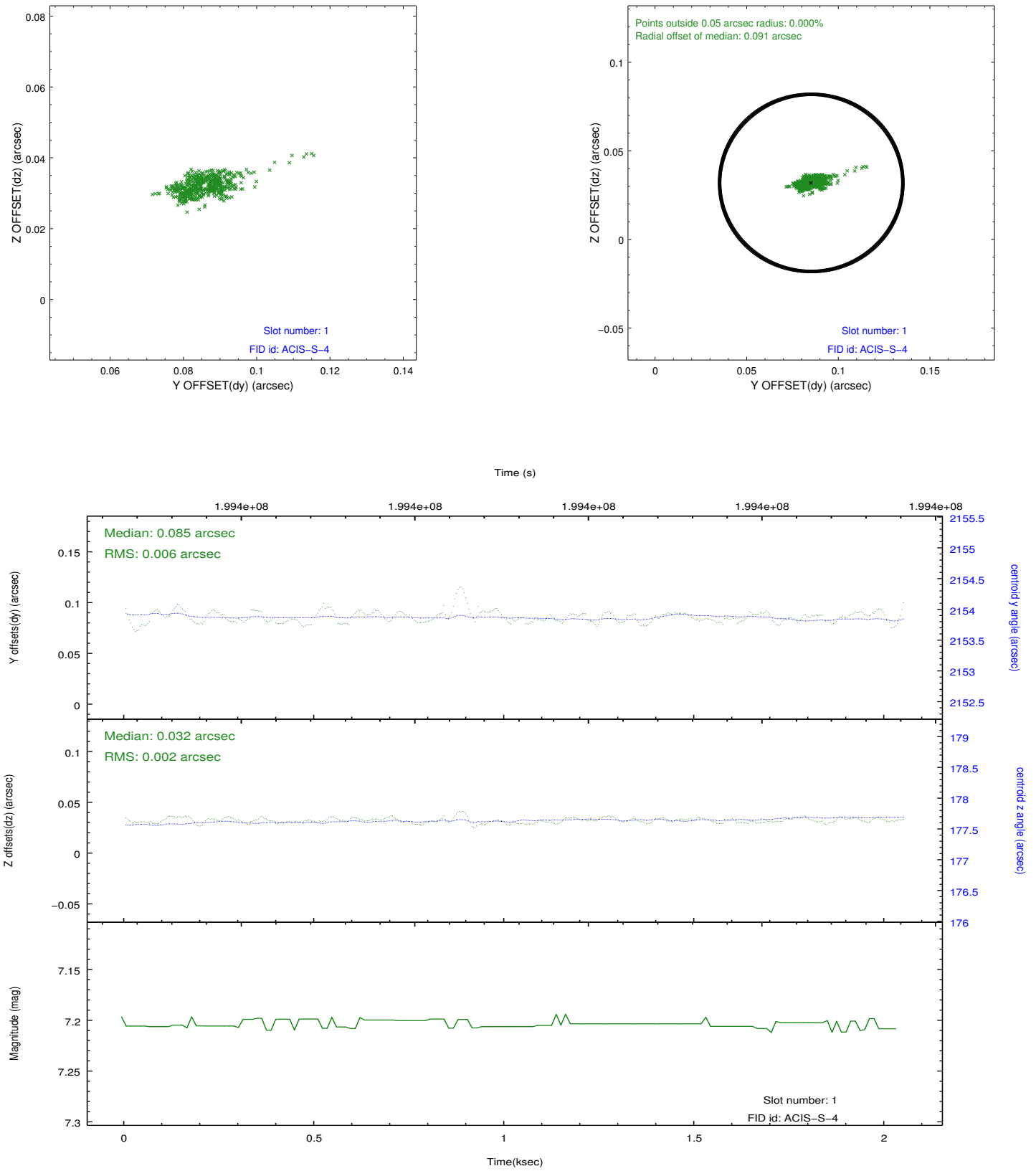


2.5 FID Slots

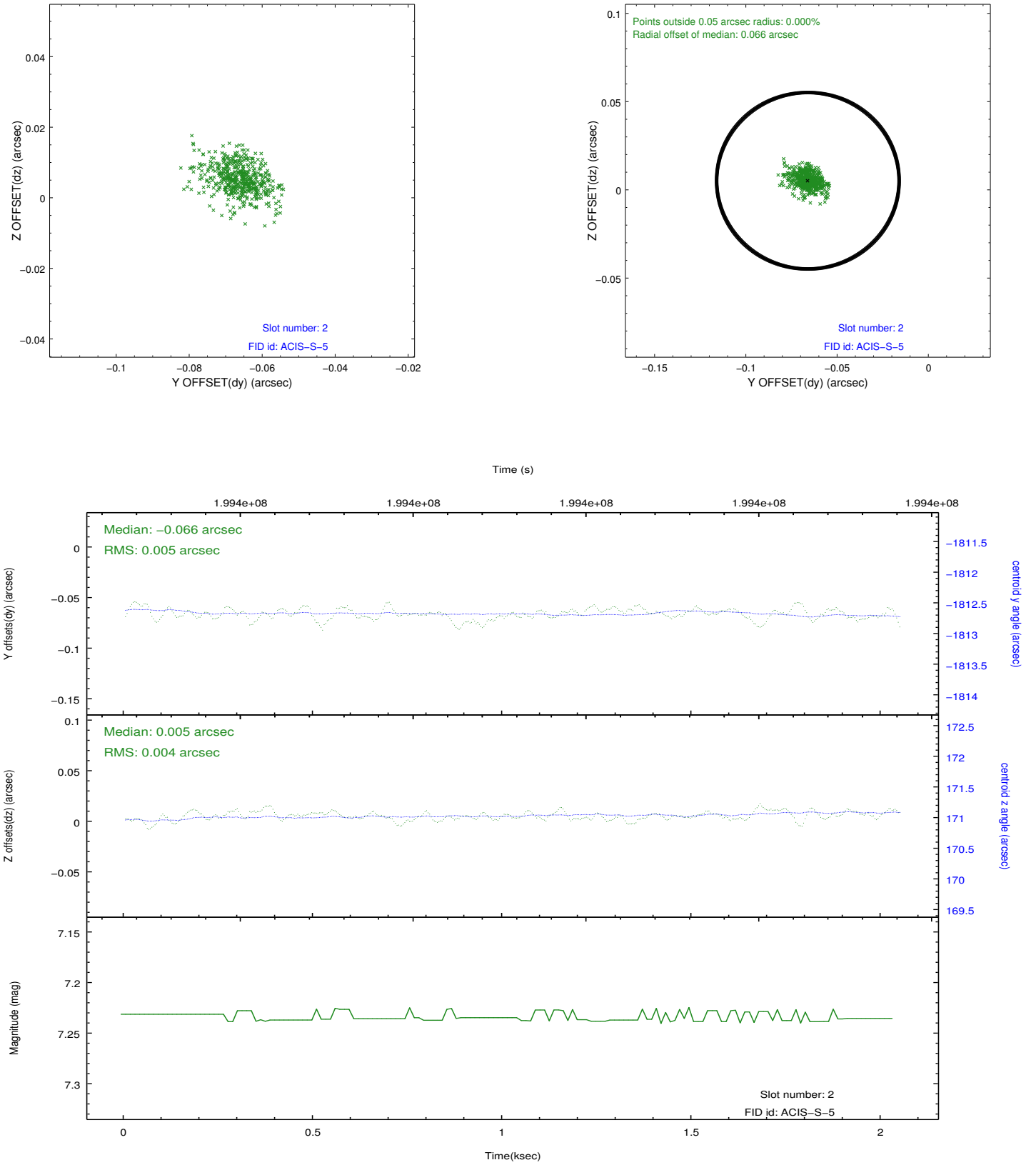
2.5.1 Slot 0



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)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.046

A.2 Comments