

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7793 - L2 Version 2
Chandra X-Ray Center

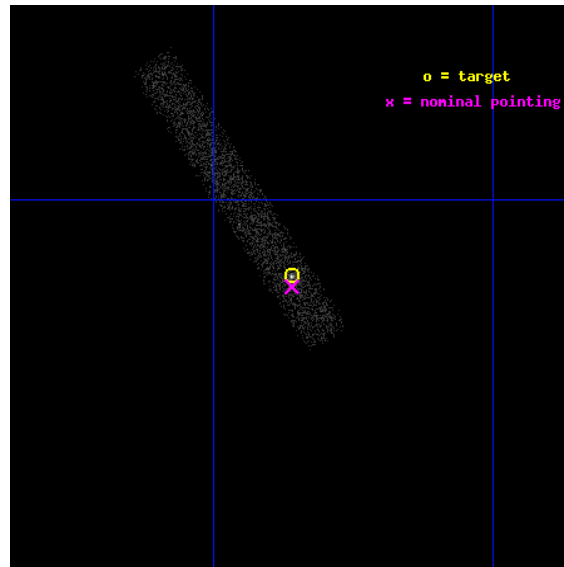
L2 Processing Date : Apr 28 2012

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1 Front

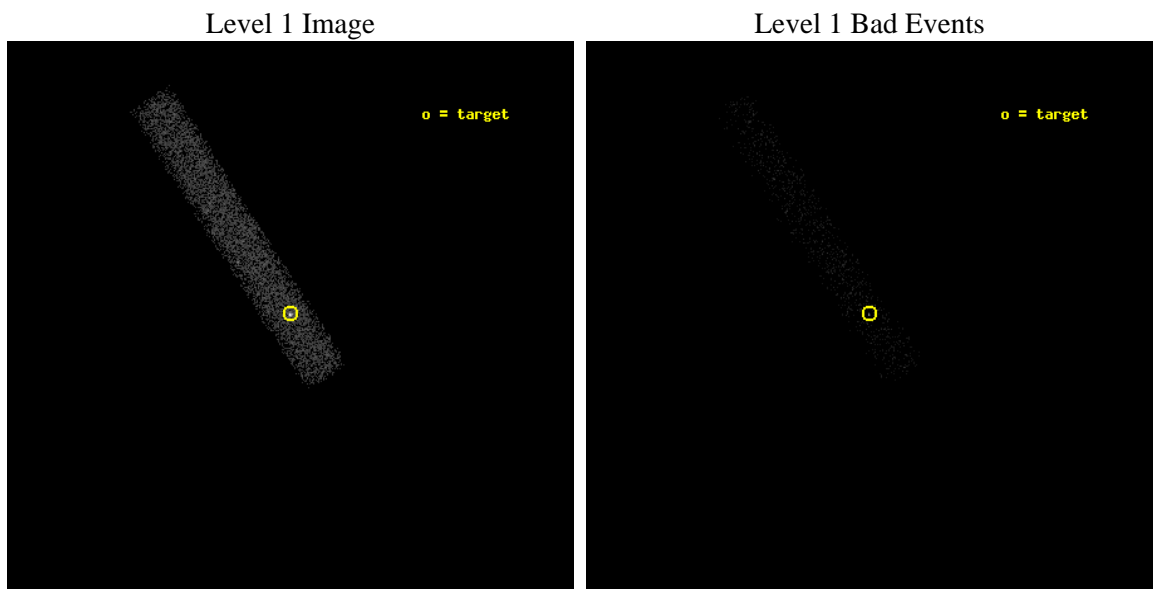
seq_num	701461	Sequence number
obs_id	7793	Observation id
title	Dissecting an Accretion Disk	Proposal title
observer	Prof. Christopher Kochanek	Principal investigator
object	RXJ1131-1231	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	172.965	Observer's specified target RA [deg]
dec_targ	-12.5325	Observer's specified target Dec [deg]
ra_nom	172.96483312199	Nominal RA [deg]
dec_nom	-12.537372727414	Nominal Dec [deg]
roll_nom	237.1488680442	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5148.7996931076	Sum of GTIs [s]
livetime	4669.689545717	Livetime [s]
ontime7	5148.7996931076	Sum of GTIs [s]
l2events	7494	Number of level 2 events



2 OBI

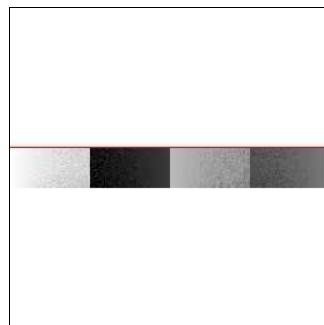
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5148.7996931076	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5148.7996931076	Sum of GTIs [s]
date	2012-04-28T14:04:07	Date and time of file creation	l1events	14566	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

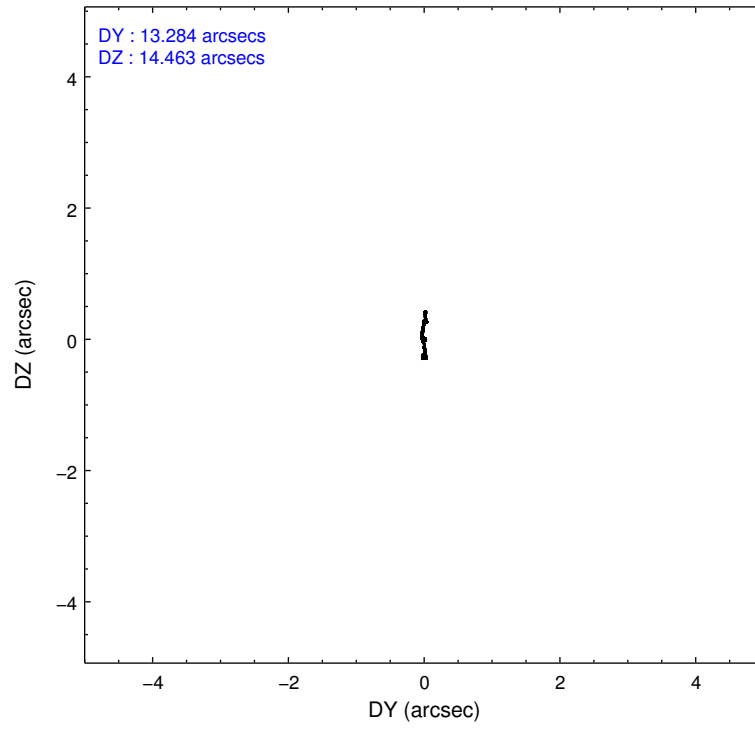
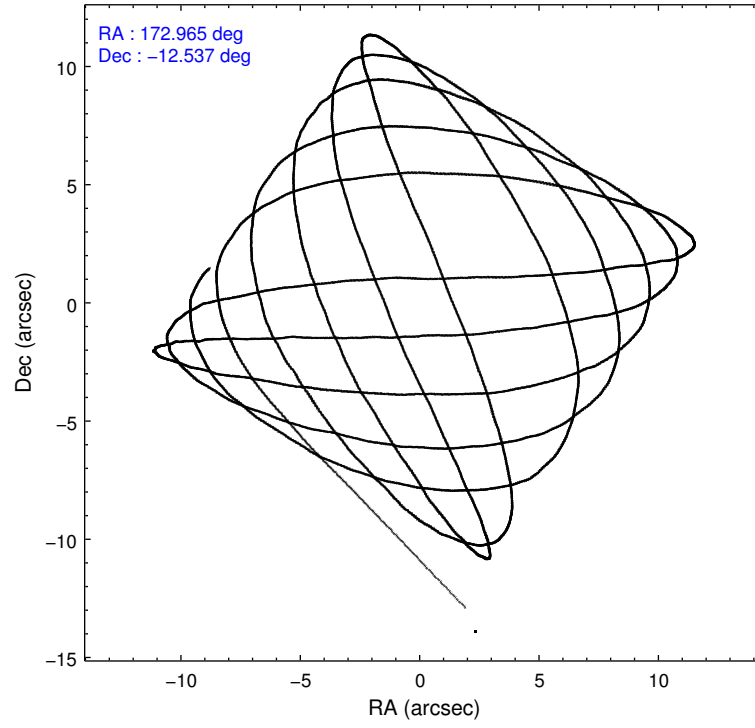
	ccd 7
level 1 events	14566
rejected events	6909
rejected %	47%

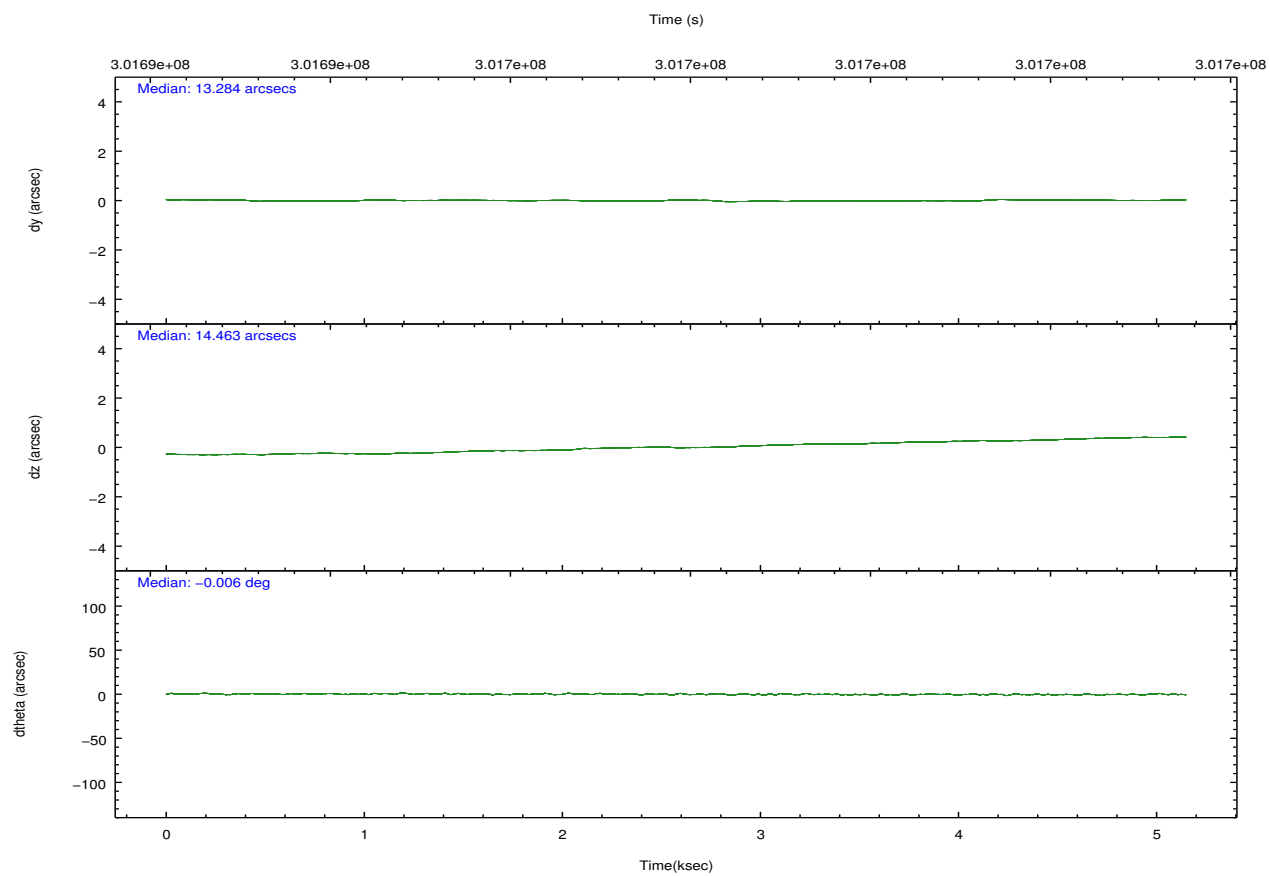
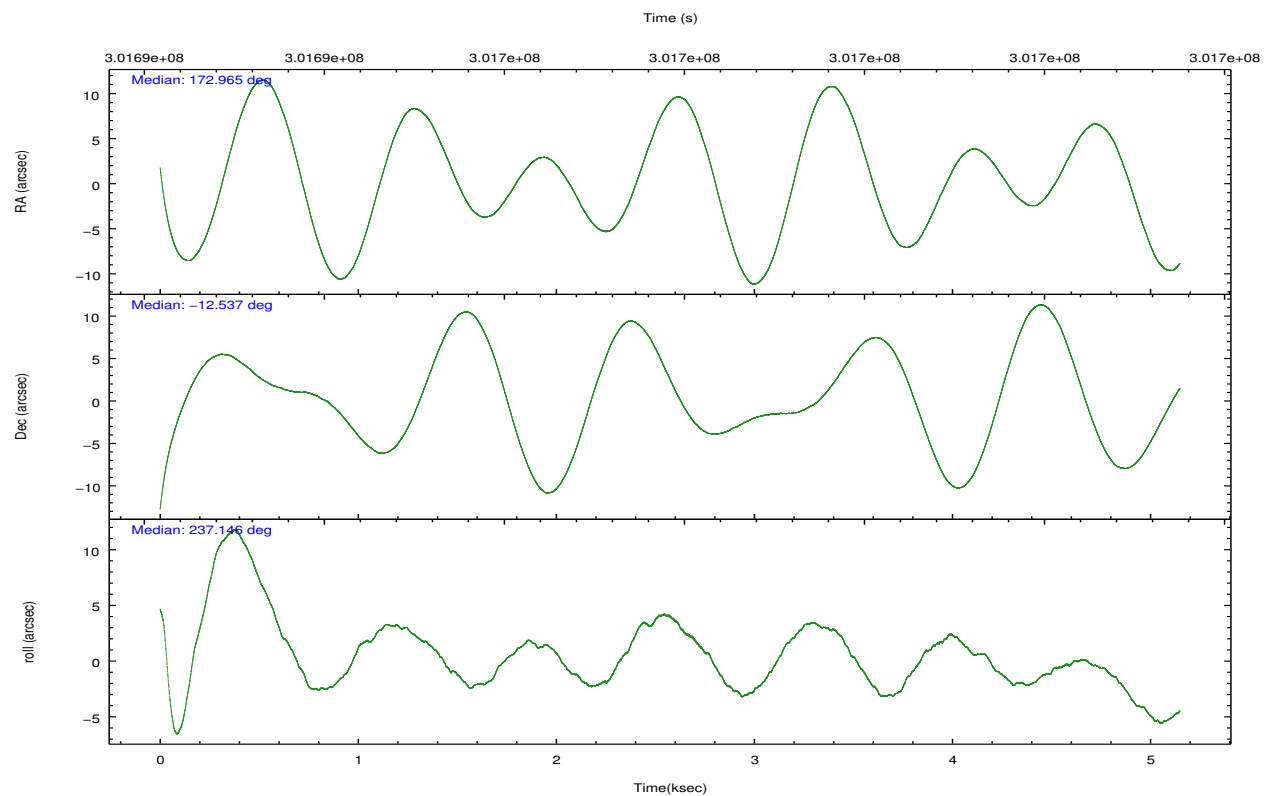
	ccd 7
grade 0 events	1606
	11%
grade 1 events	35
	0%
grade 2 events	1806
	12%
grade 3 events	1054
	7%
grade 4 events	1015
	6%
grade 5 events	1050
	7%
grade 6 events	3055
	20%
grade 7 events	4945
	33%

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	172.965908	172.9648331219926	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-12.510022	-12.53737272741403	Subarray start row	449	449
[deg] Pointing Roll	236.992461	237.1488680442035	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)	301693493.184000	301692330.02336			
Observation start date	2007-07-24T19:43:48	2007-07-24T19:25:30			
[s] Observation end time (MET)	301698493.184000	301699382.53619			
Observation end date	2007-07-24T21:07:08	2007-07-24T21:23:02			
Read mode	TIMED	TIMED			

2.3 Aspect



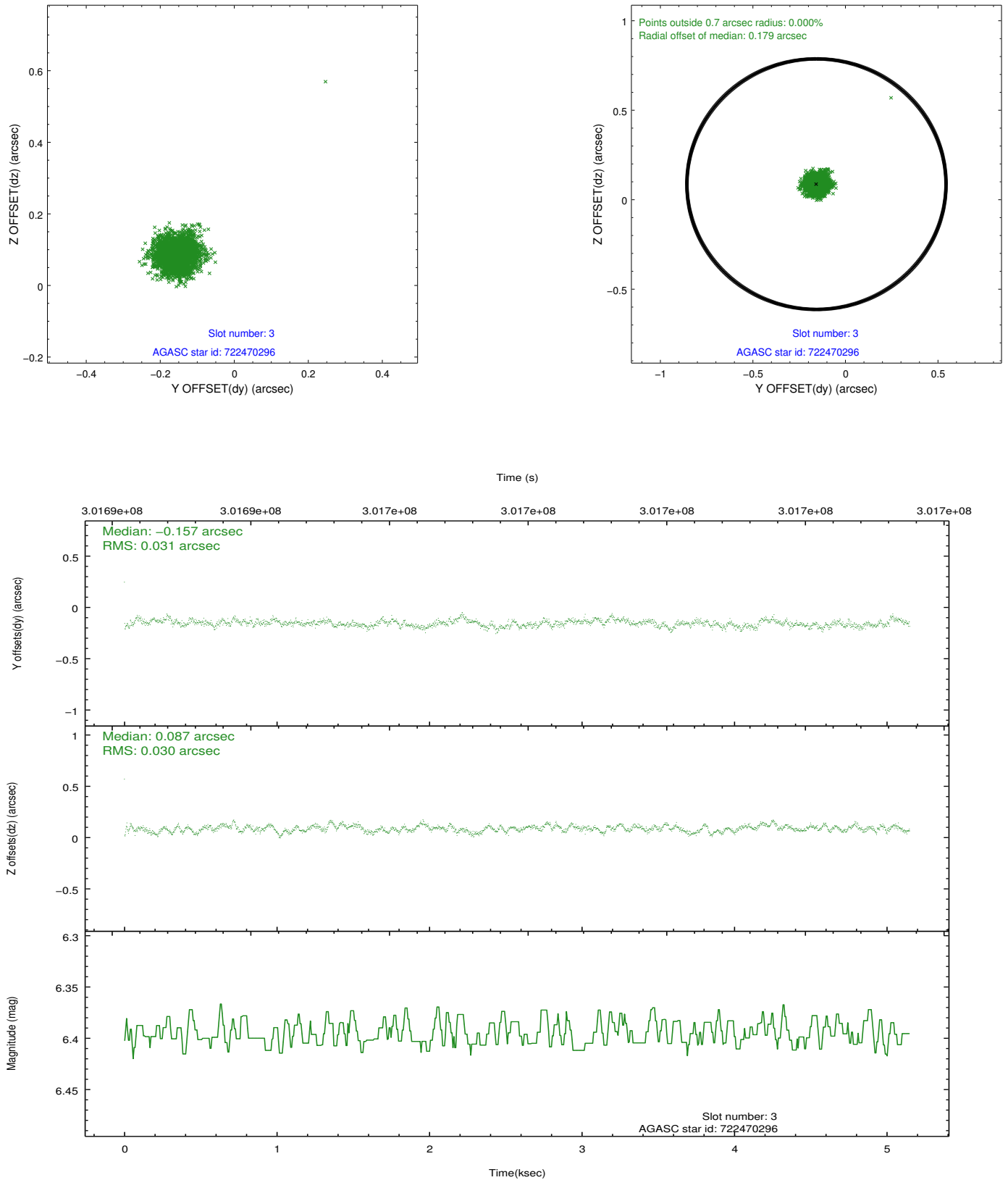


Slot Statistics

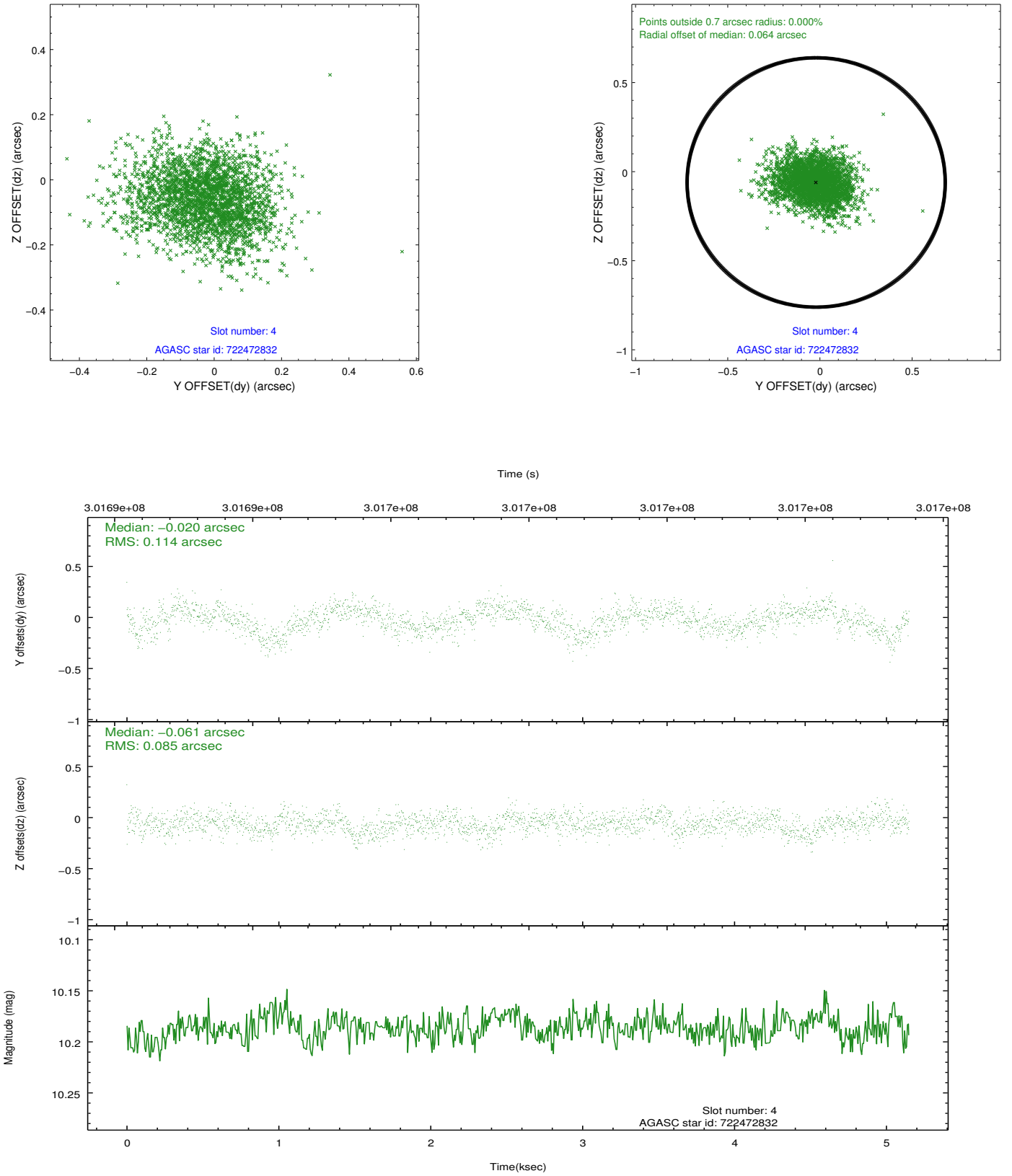
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1256	0.087	-0.059	0.010	0.017	0.000000	0.000000	929.94	-1731.52
1	FID	ACIS-S-5	7.23	1256	-0.163	0.051	0.007	0.012	0.000000	0.000000	-1818.67	164.89
2	FID	ACIS-S-6	7.33	1256	0.054	0.019	0.014	0.022	0.000000	0.000000	394.15	810.18
3	GUIDE	722470296	6.40	2513	-0.157	0.087	0.044	0.072	172.921689	-12.381367	-303.65	-382.59
4	GUIDE	722472832	10.19	2512	-0.020	-0.061	0.149	0.249	173.078970	-12.015349	-1710.17	-636.27
5	GUIDE	722473176	9.47	2511	0.028	-0.134	0.132	0.204	172.599746	-12.066793	-635.39	-1950.02
6	GUIDE	722871728	9.68	2510	0.099	0.112	0.105	0.172	173.202235	-12.568355	-275.94	810.41
7	GUIDE	722873464	7.32	2512	0.063	-0.005	0.069	0.108	172.661543	-13.050266	2213.28	165.71

2.4 Star Slots

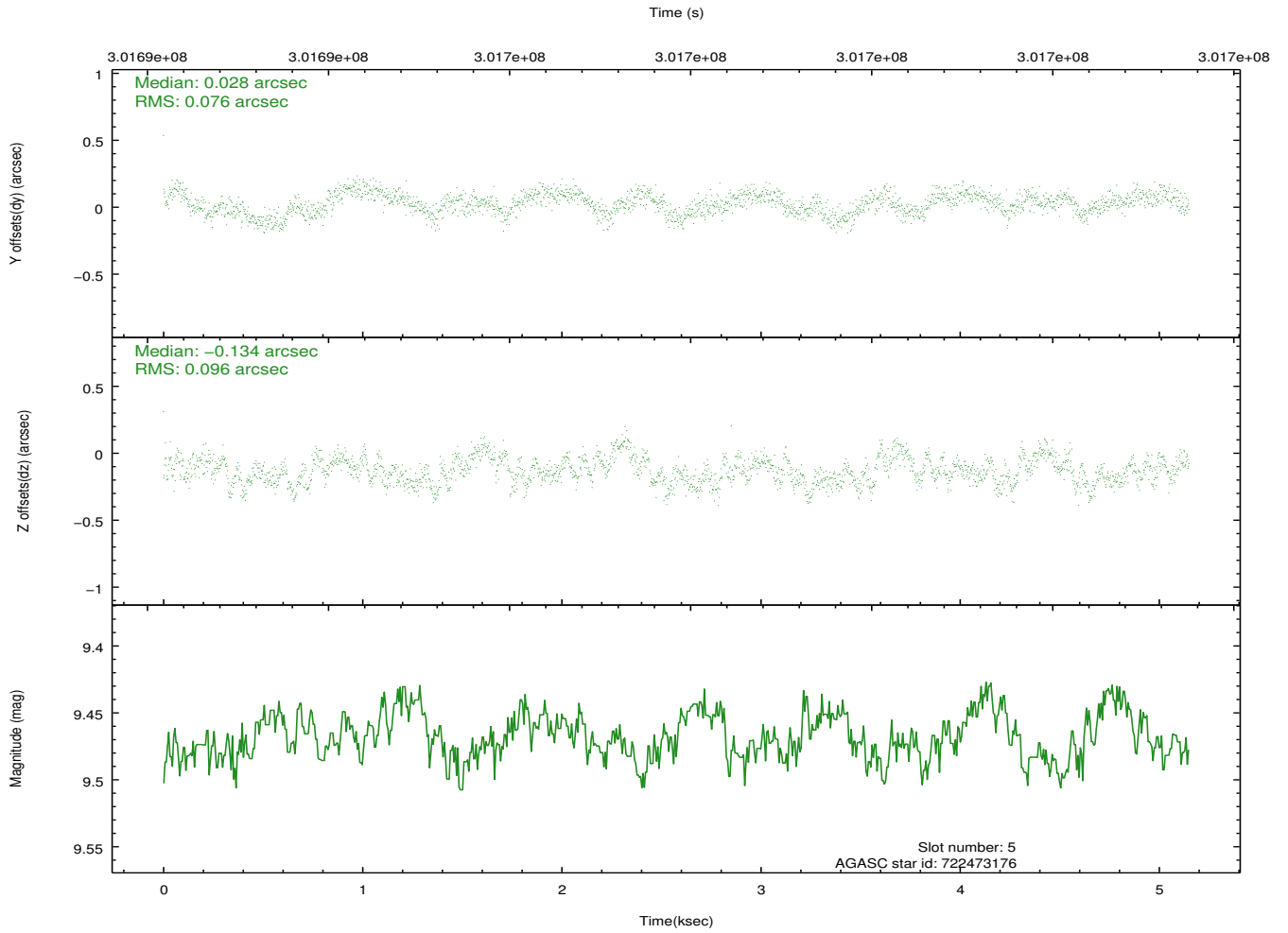
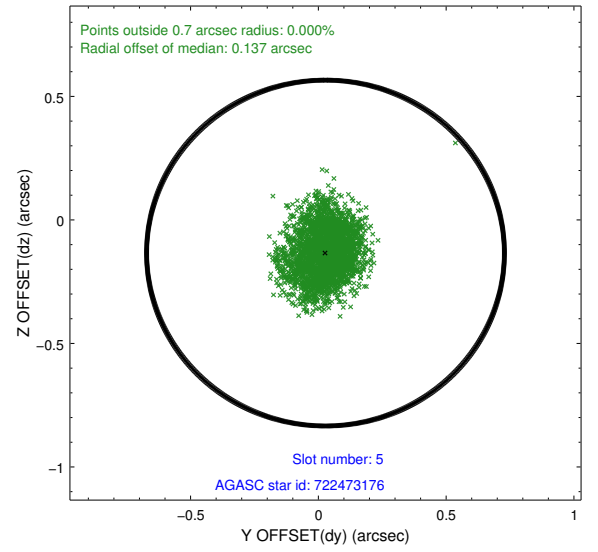
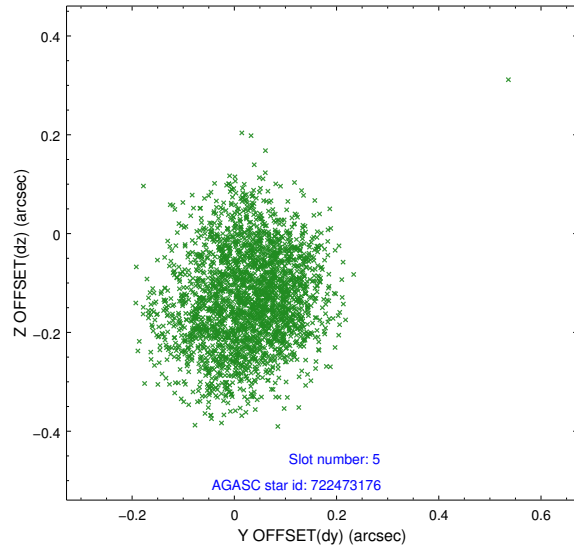
2.4.1 Slot 3



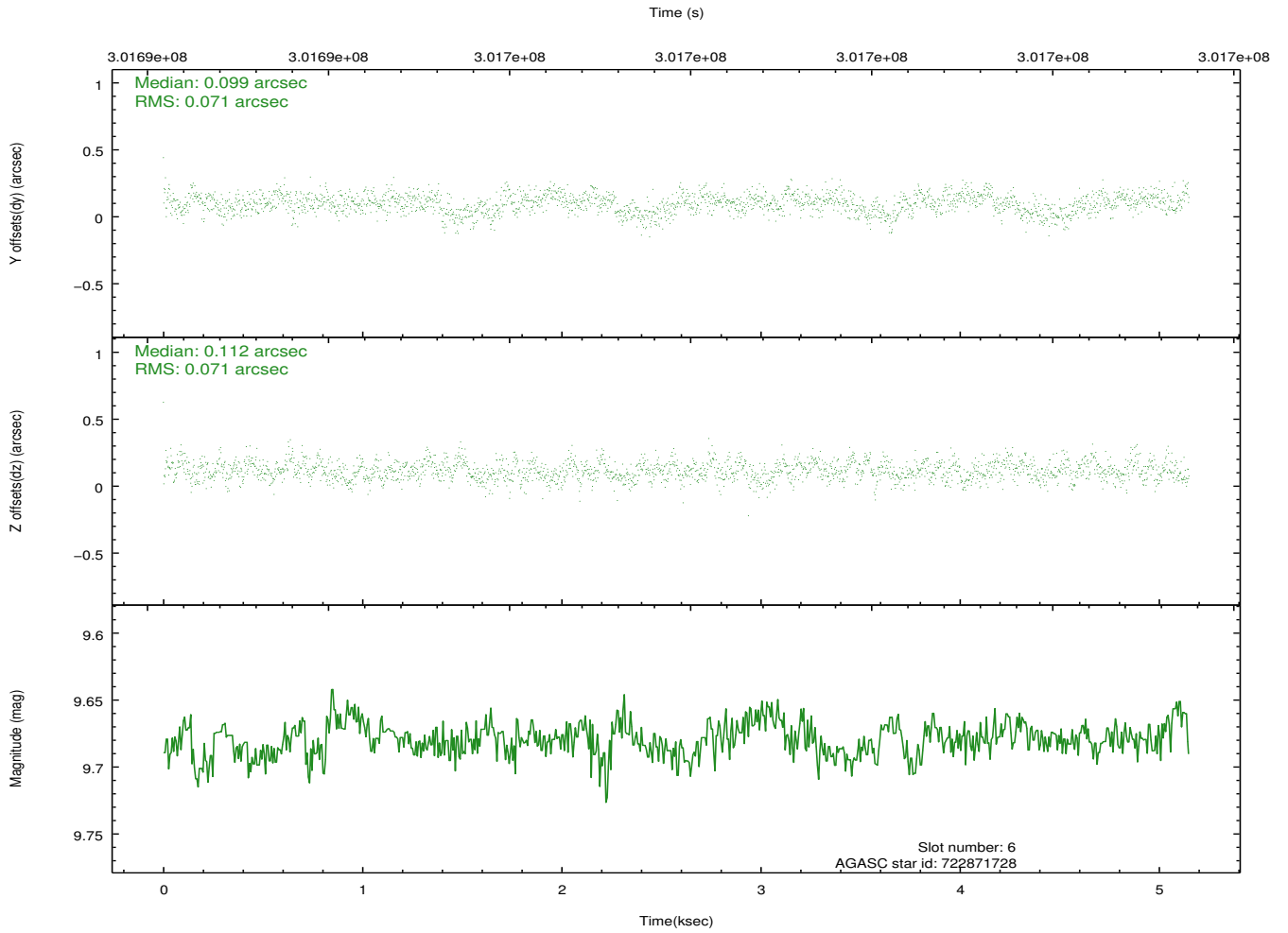
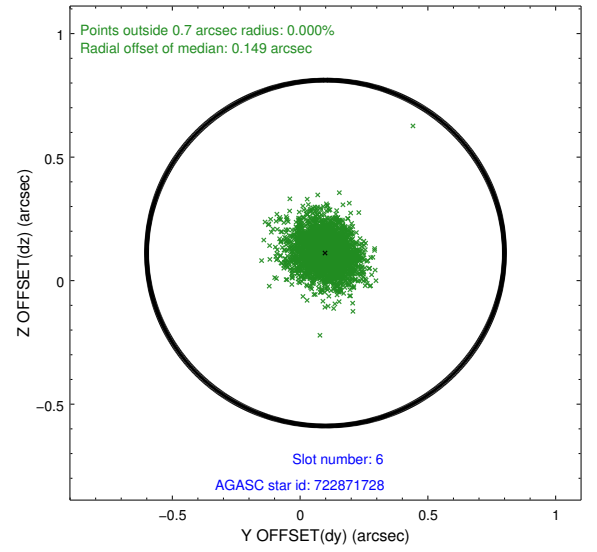
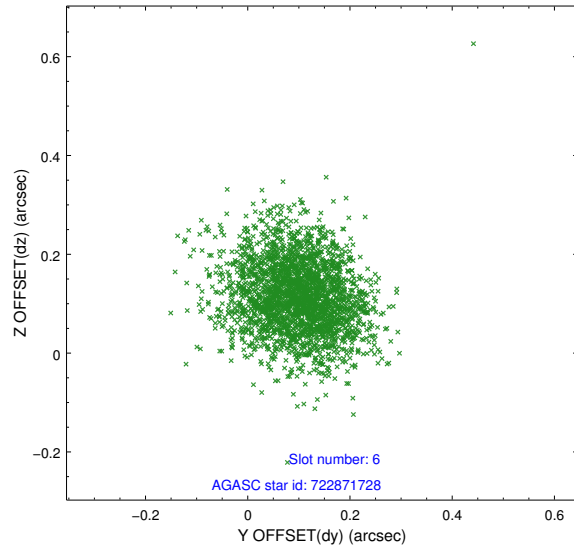
2.4.2 Slot 4



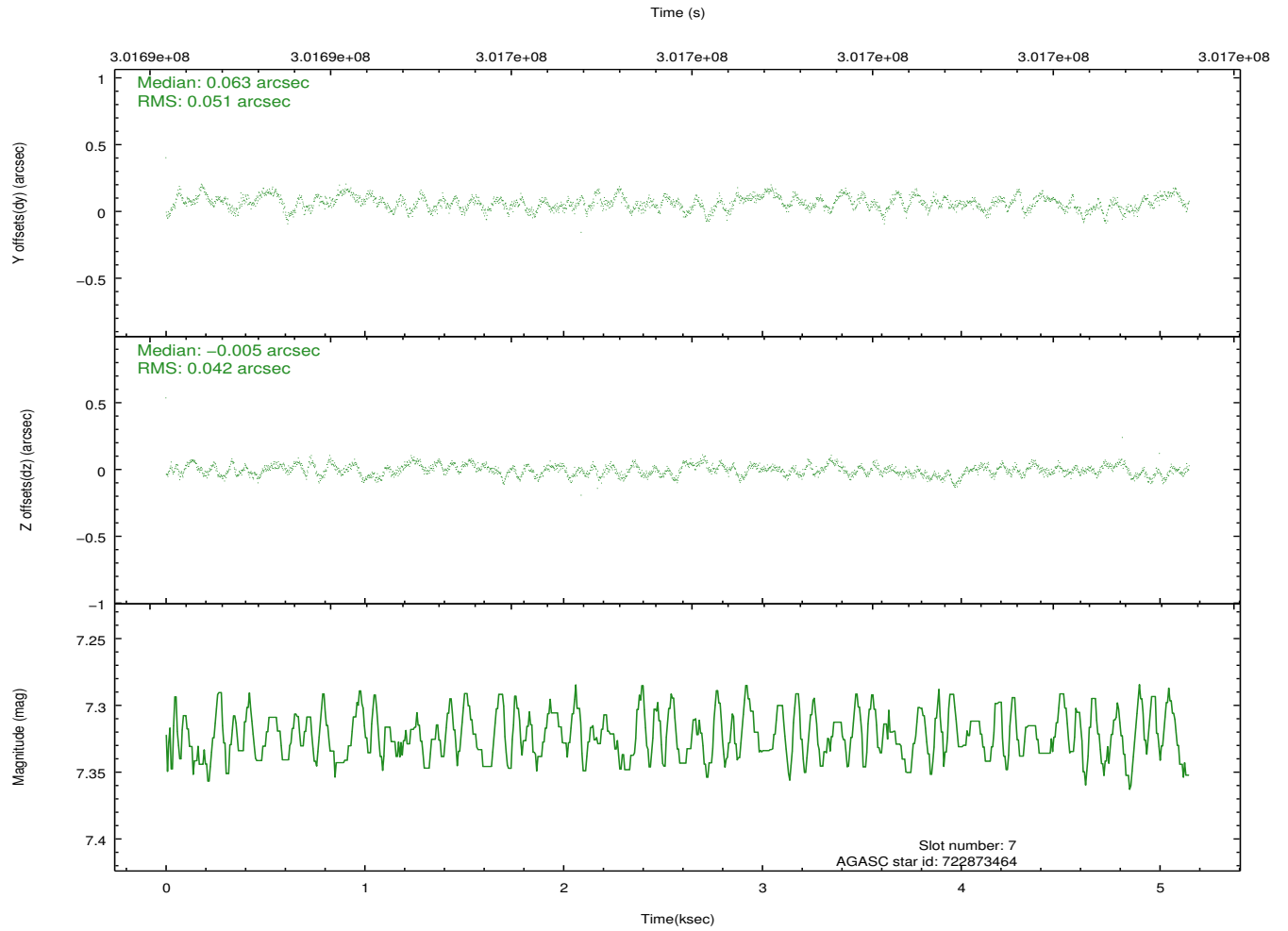
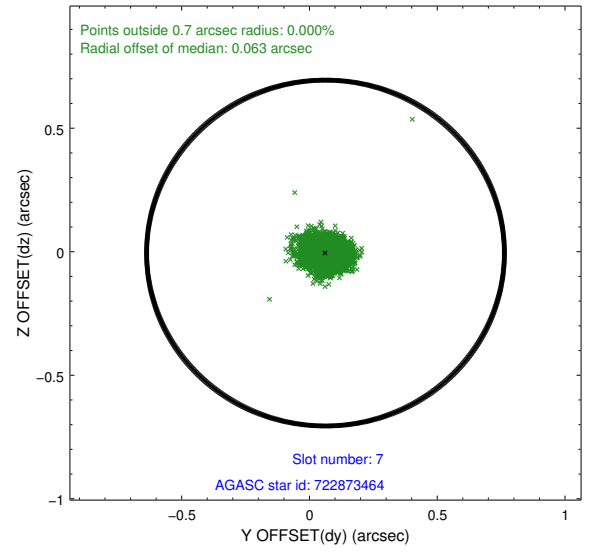
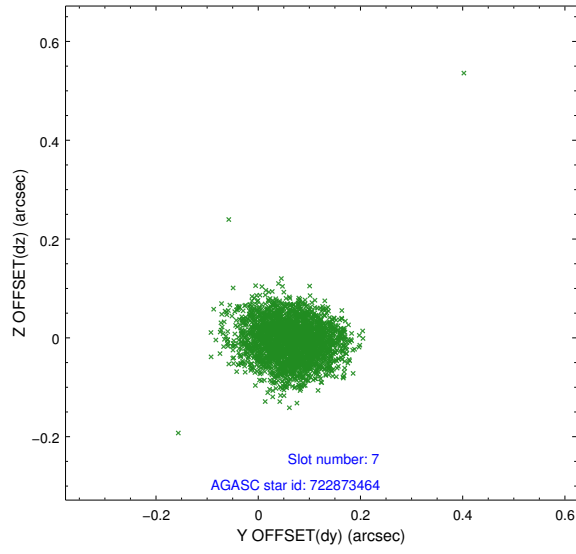
2.4.3 Slot 5



2.4.4 Slot 6

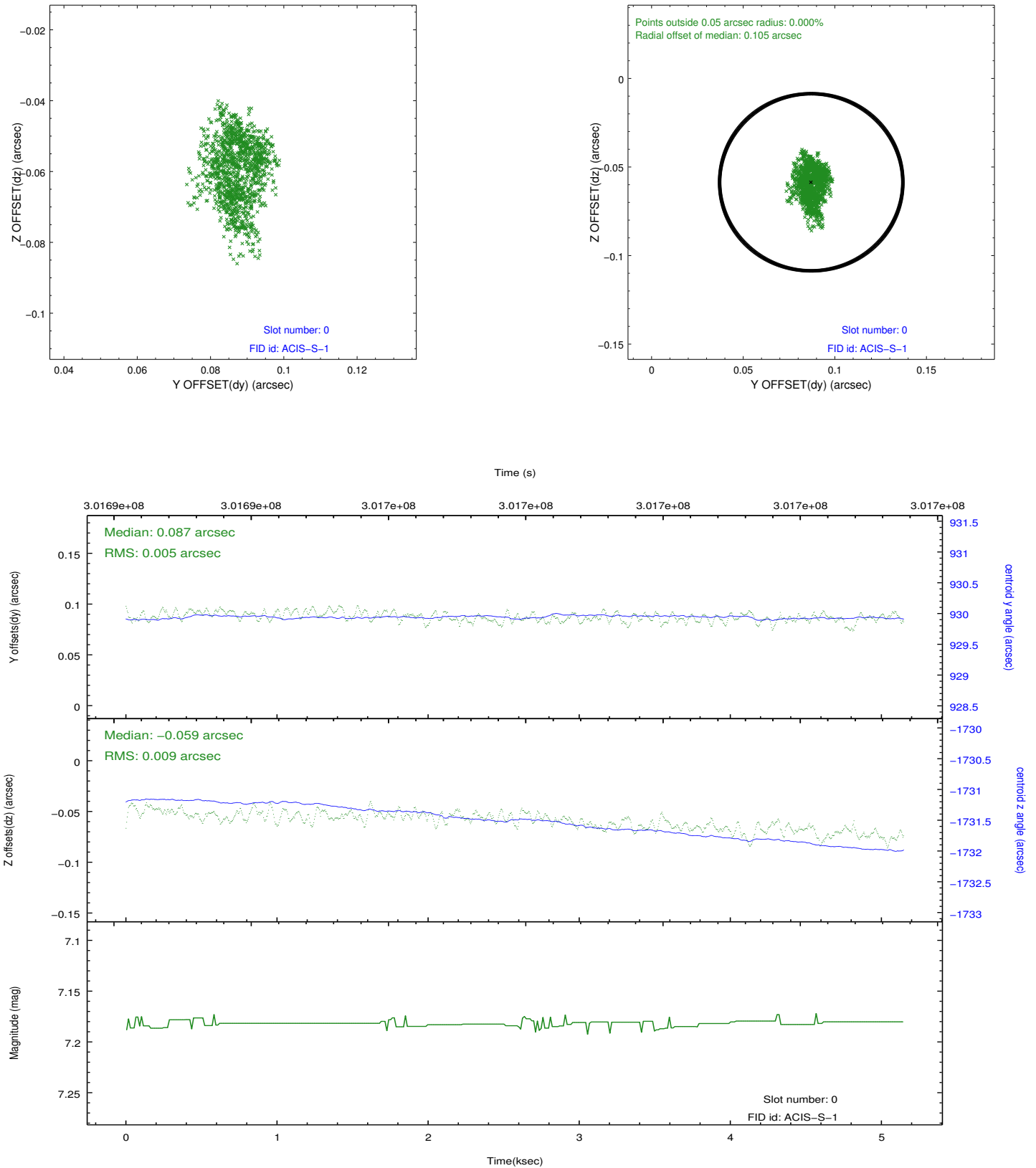


2.4.5 Slot 7

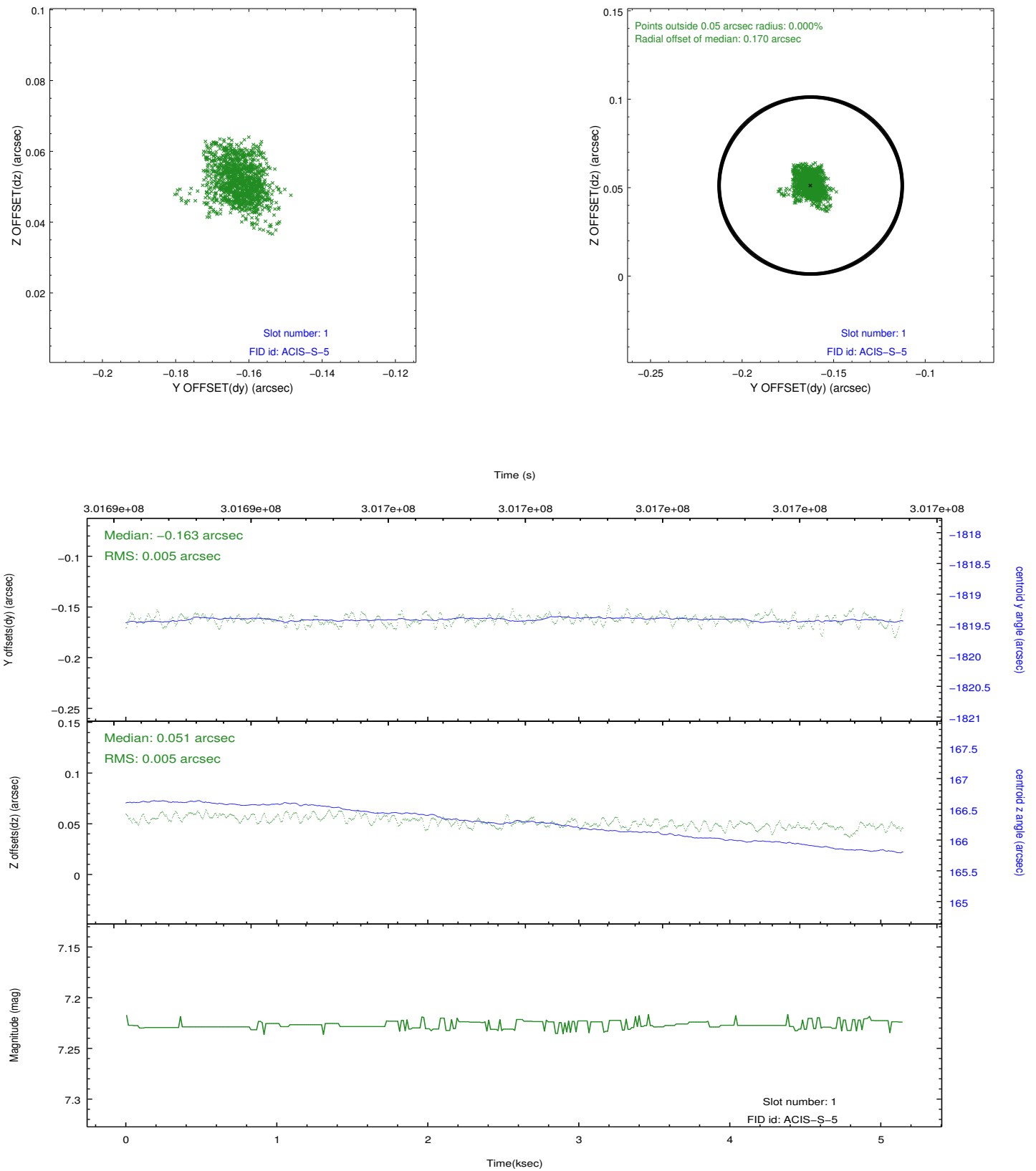


2.5 FID Slots

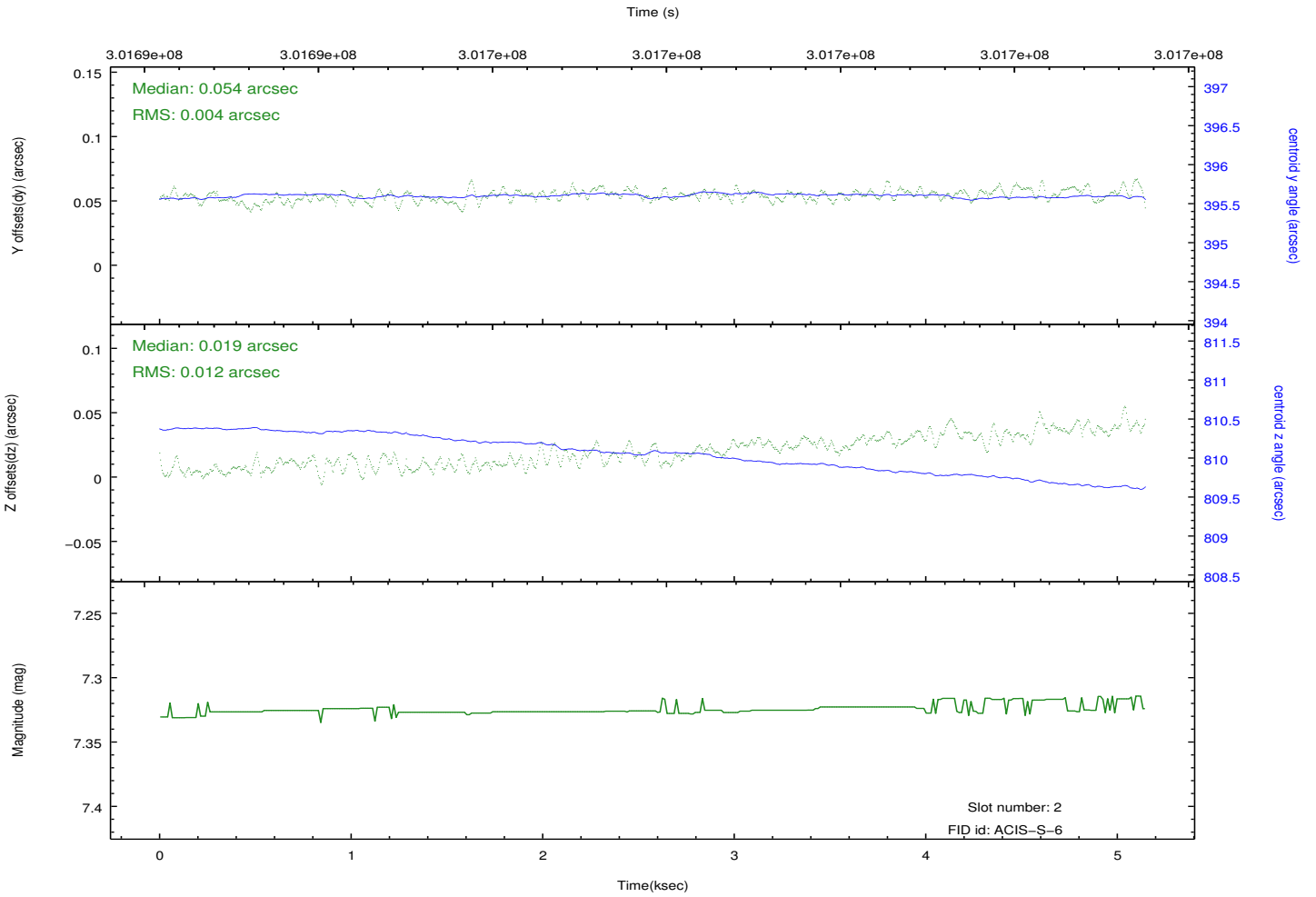
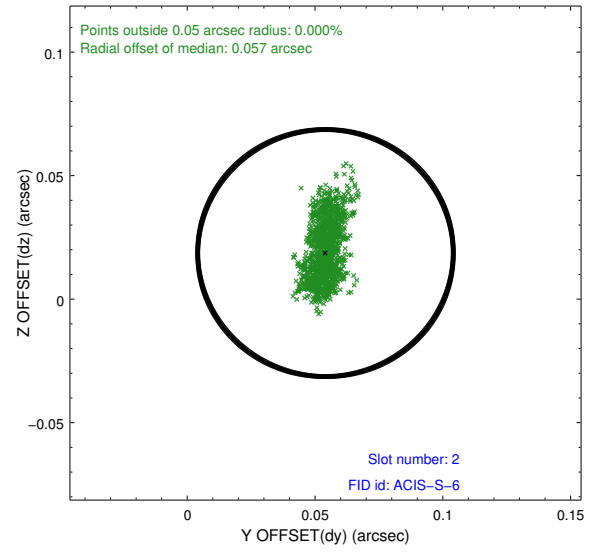
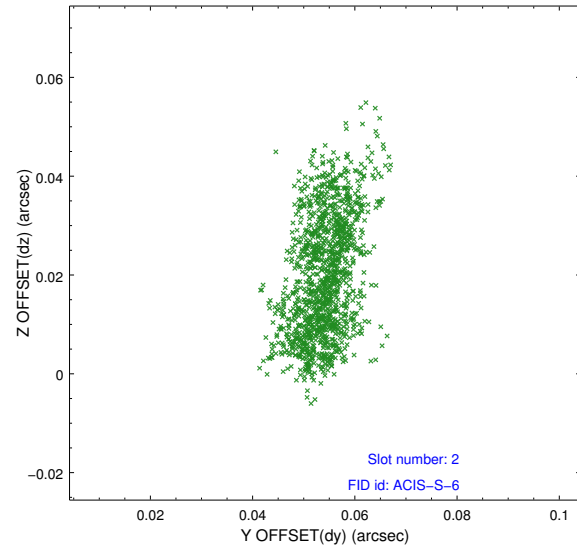
2.5.1 Slot 0



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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.14879969

A.2 Comments

Follows obs7791 by 50 days. Joint Proposal: HST