

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7787 - L2 Version 3
Chandra X-Ray Center

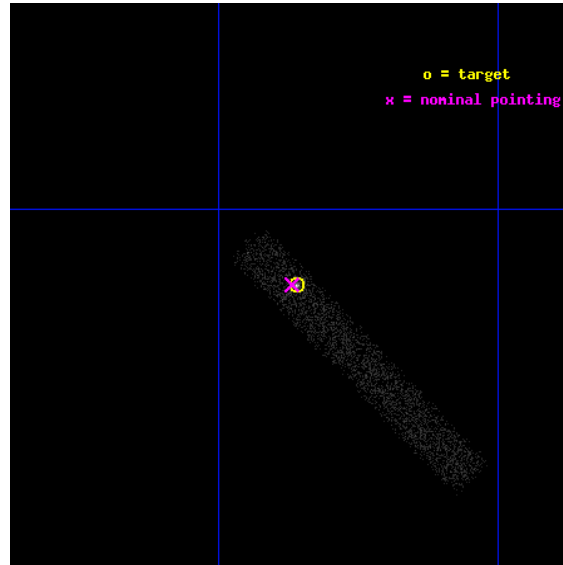
L2 Processing Date : Apr 20 2012

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1 Front

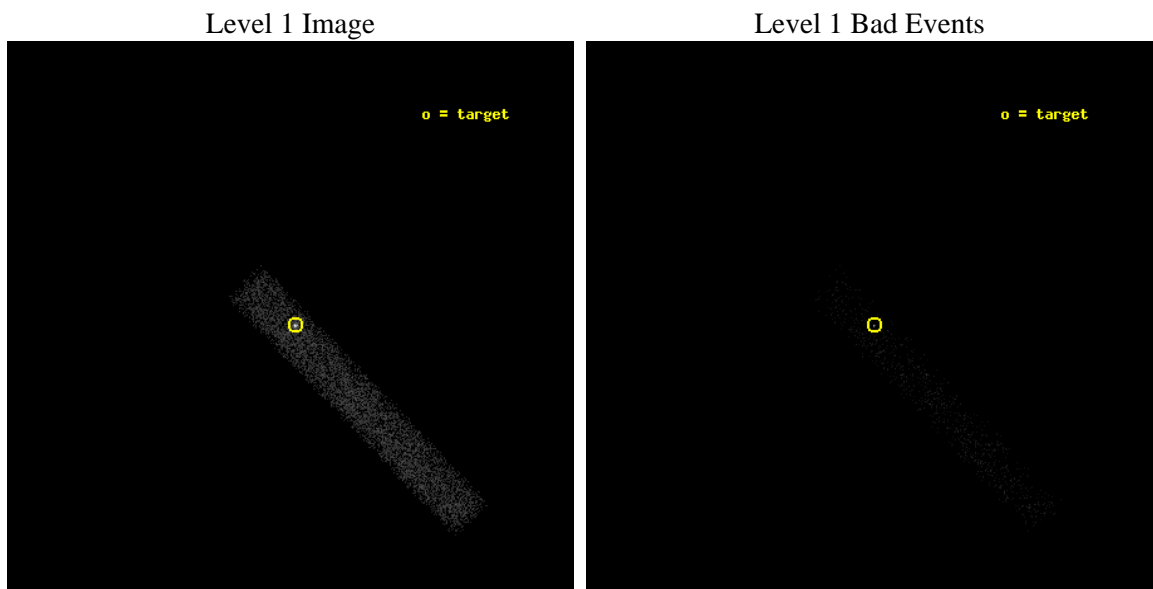
seq_num	701455	Sequence number
obs_id	7787	Observation id
title	Dissecting an Accretion Disk	Proposal title
observer	Prof. Christopher Kochanek	Principal investigator
object	RXJ1131-1231	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	172.965	Observer's specified target RA [deg]
dec_targ	-12.5325	Observer's specified target Dec [deg]
ra_nom	172.96705759779	Nominal RA [deg]
dec_nom	-12.532640389487	Nominal Dec [deg]
roll_nom	46.029930735121	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5188.7996907234	Sum of GTIs [s]
livetime	4705.9674321816	Livetime [s]
ontime7	5188.7996907234	Sum of GTIs [s]
l2events	7518	Number of level 2 events



2 OBI

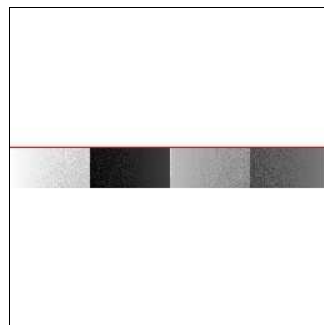
2.1 OBI

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	5188.7996907234	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5188.7996907234	Sum of GTIs [s]
date	2012-04-20T03:16:21	Date and time of file creation	l1events	12842	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

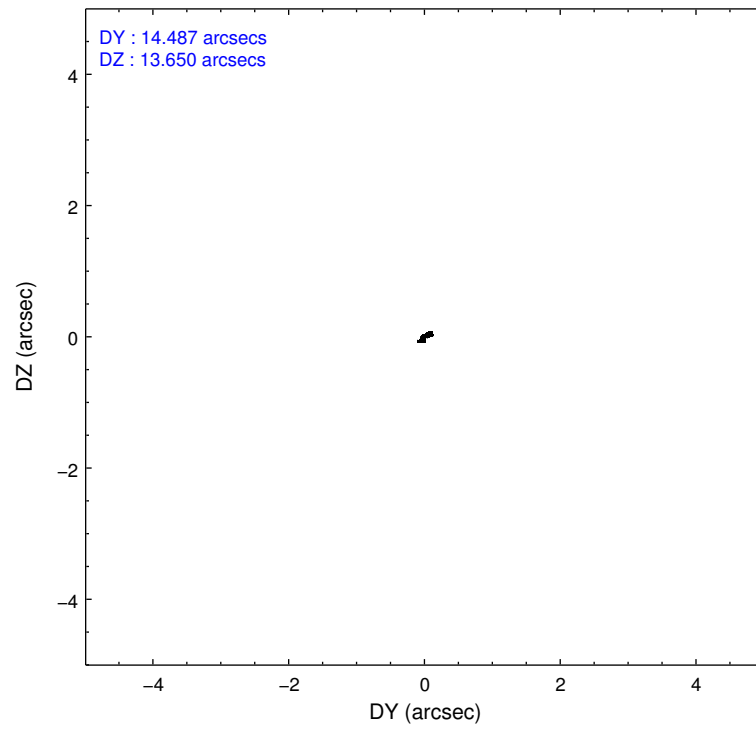
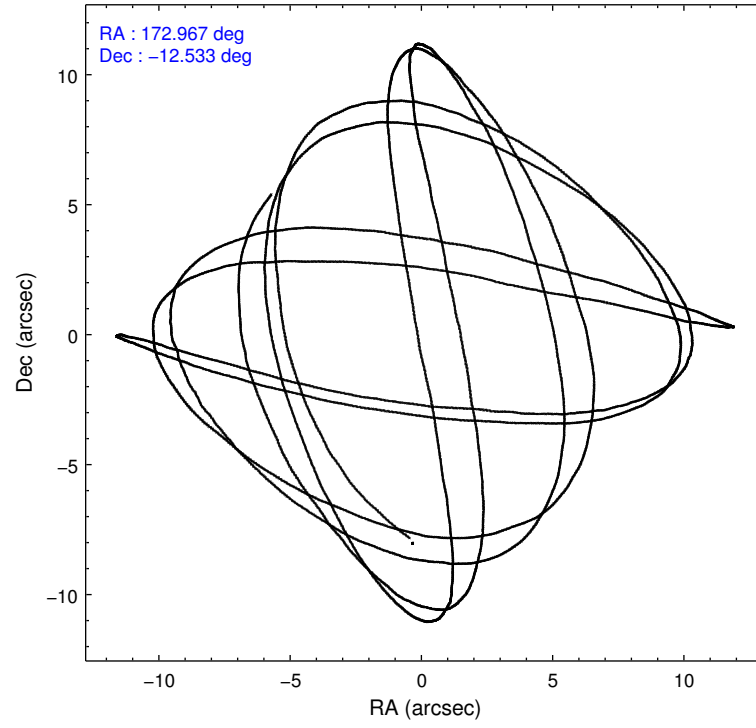
	ccd 7
level 1 events	12842
rejected events	5137
rejected %	40%

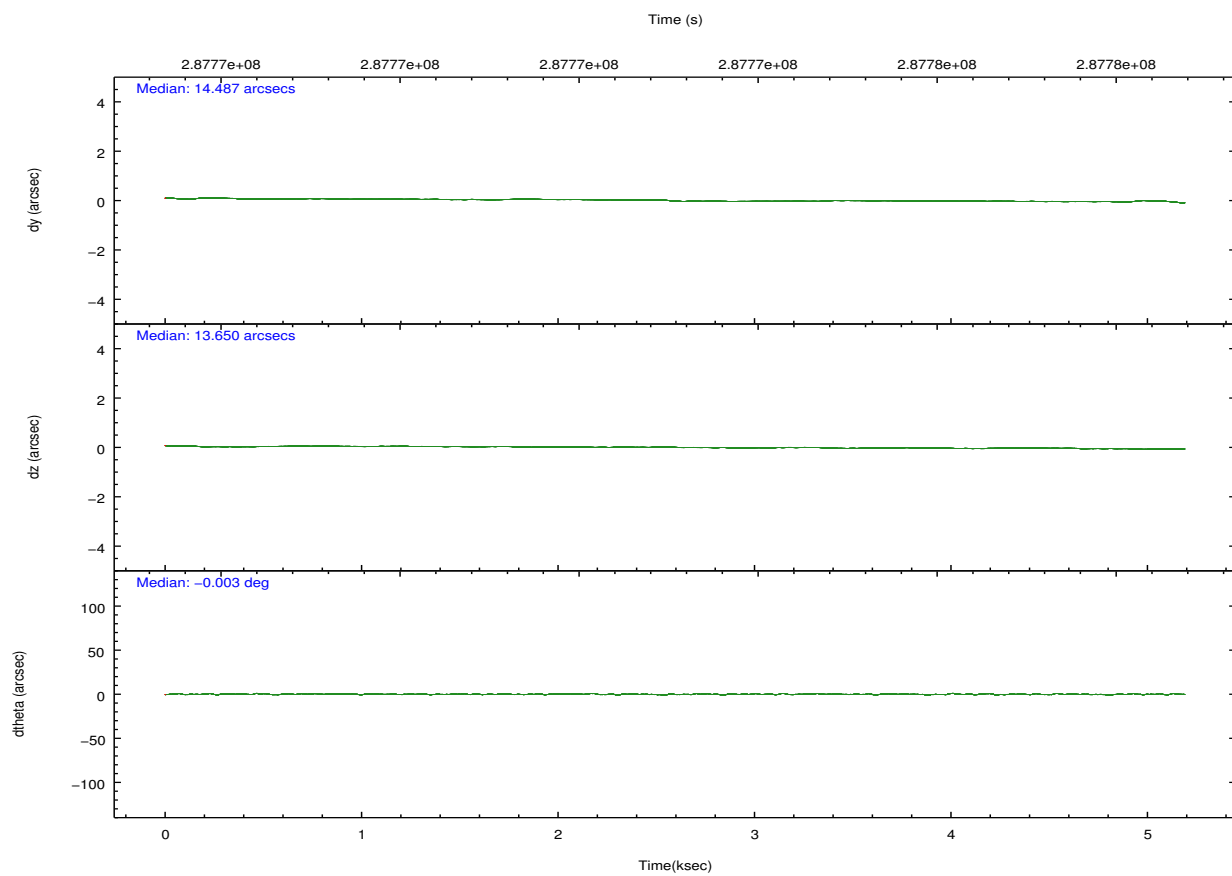
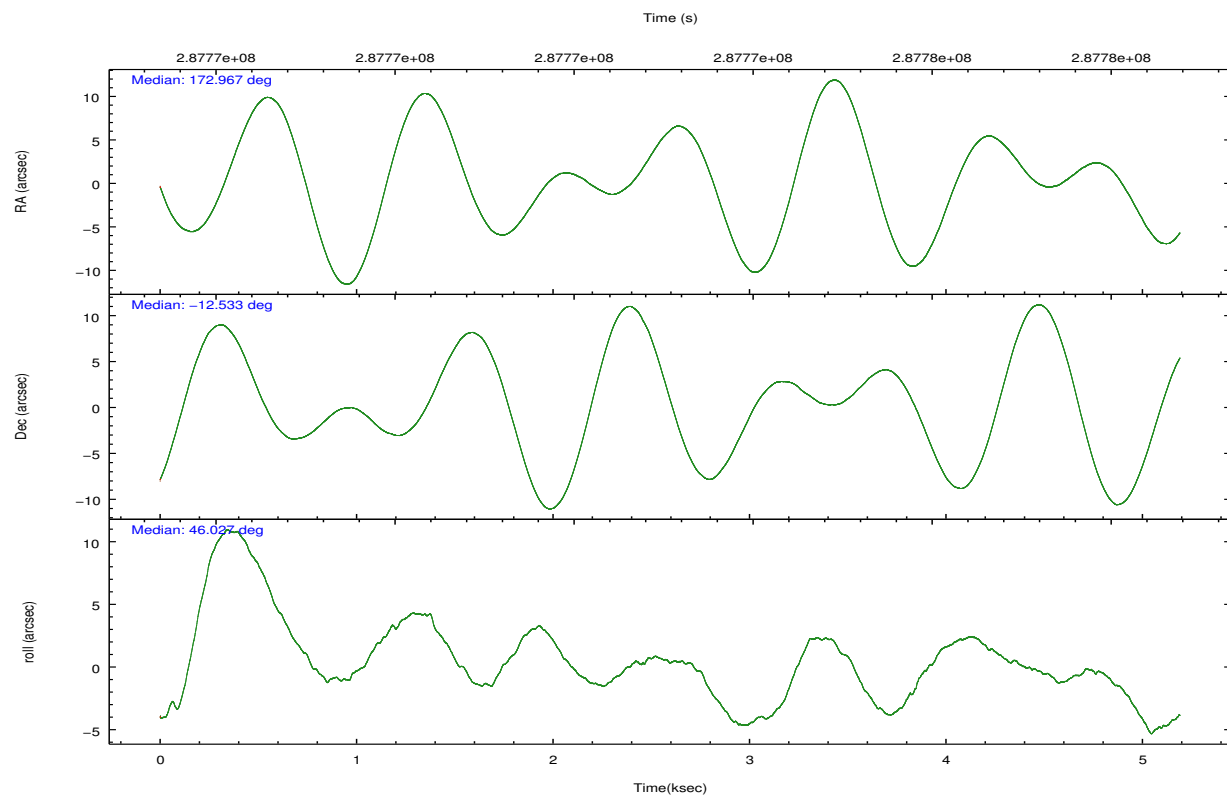
	ccd 7
grade 0 events	1595
	12%
grade 1 events	38
	0%
grade 2 events	1808
	14%
grade 3 events	1005
	7%
grade 4 events	930
	7%
grade 5 events	916
	7%
grade 6 events	2647
	20%
grade 7 events	3903
	30%

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	172.960745	172.9670575977869	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-12.559280	-12.53264038948695	Subarray start row	449	449
[deg] Pointing Roll	45.871918	46.02993073512062	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)	287771134.184000	287770382.17152			
Observation start date	2007-02-13T16:24:29	2007-02-13T16:13:02			
[s] Observation end time (MET)	287776134.184000	287777110.78434			
Observation end date	2007-02-13T17:47:49	2007-02-13T18:05:10			
Read mode	TIMED	TIMED			

2.3 Aspect



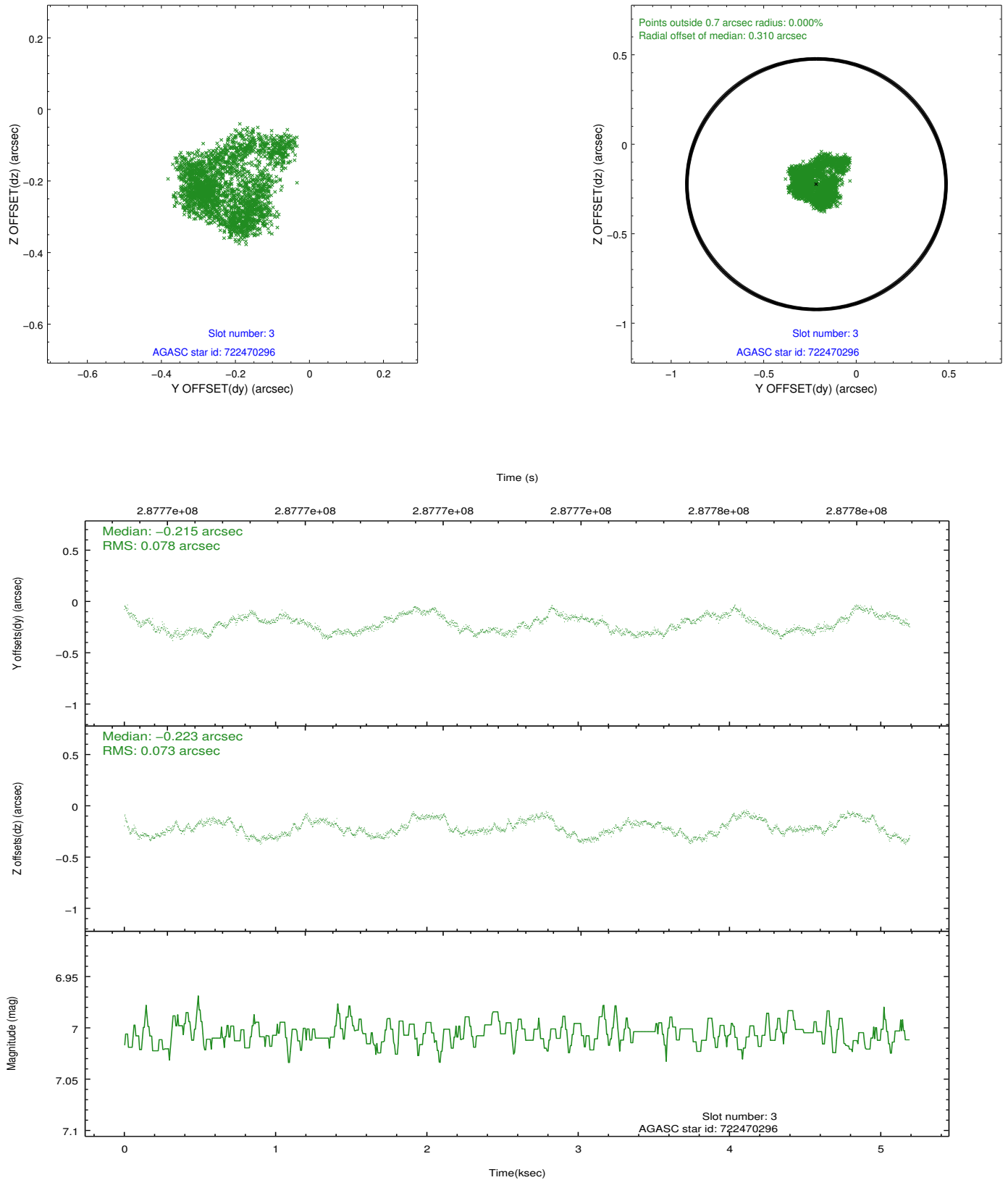


Slot Statistics

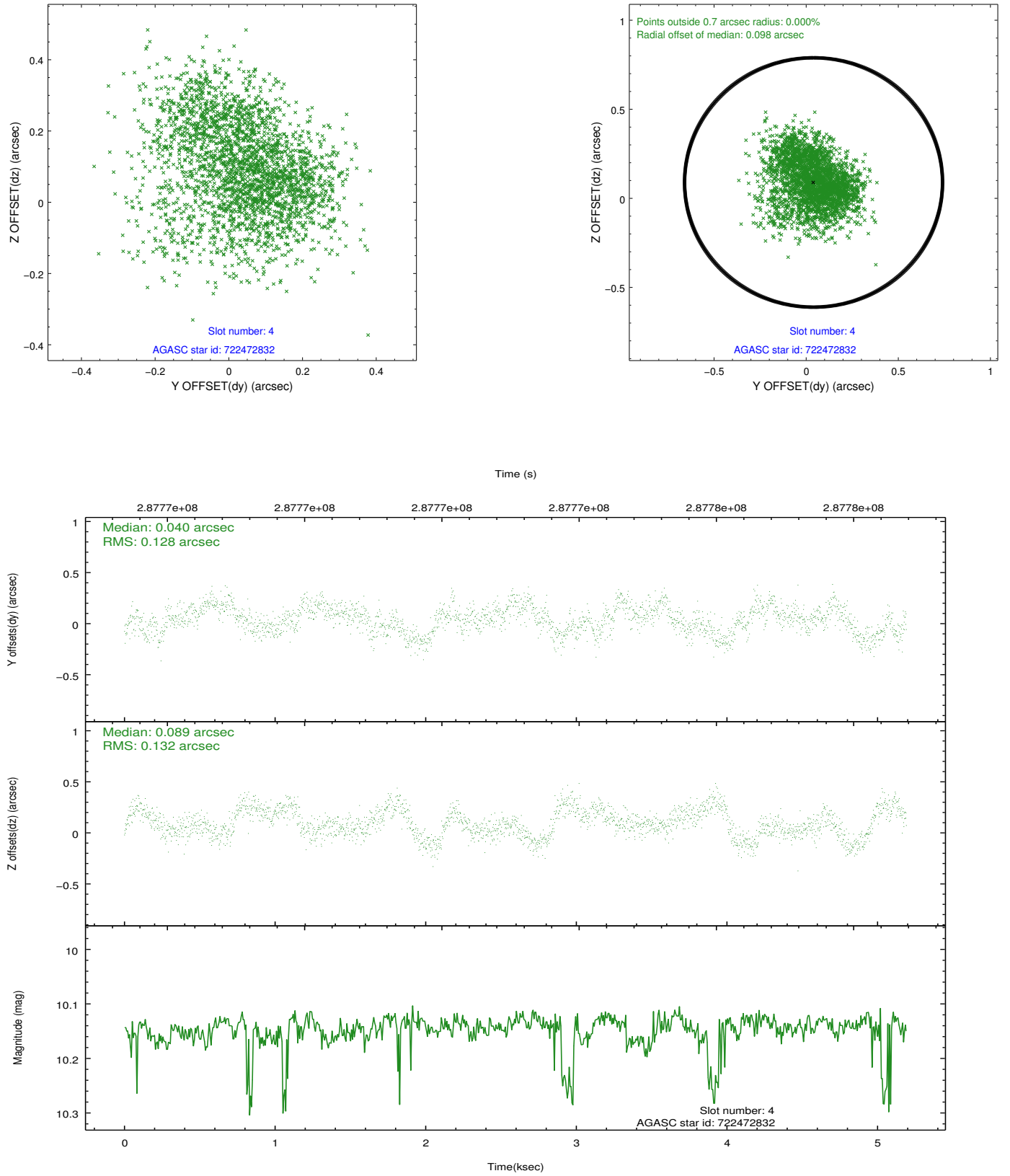
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1267	-0.072	-0.070	0.007	0.011	0.000000	0.000000	-767.55	-1735.05
1	FID	ACIS-S-4	7.20	1267	0.209	0.053	0.006	0.010	0.000000	0.000000	2145.50	172.31
2	FID	ACIS-S-5	7.22	1267	-0.169	0.025	0.006	0.011	0.000000	0.000000	-1818.97	167.33
3	GUIDE	722470296	7.01	2533	-0.215	-0.223	0.113	0.173	172.921689	-12.381367	364.12	544.37
4	GUIDE	722472832	10.14	2522	0.040	0.089	0.200	0.307	173.078970	-12.015349	1695.78	1064.82
5	GUIDE	722473176	9.49	2526	-0.031	-0.185	0.115	0.182	172.599746	-12.066793	387.79	2146.24
6	GUIDE	722871728	9.66	2529	0.132	0.131	0.135	0.218	173.202235	-12.568355	567.66	-631.11
7	GUIDE	722873464	7.32	2532	0.081	0.184	0.068	0.107	172.661543	-13.050266	-1999.22	-478.65

2.4 Star Slots

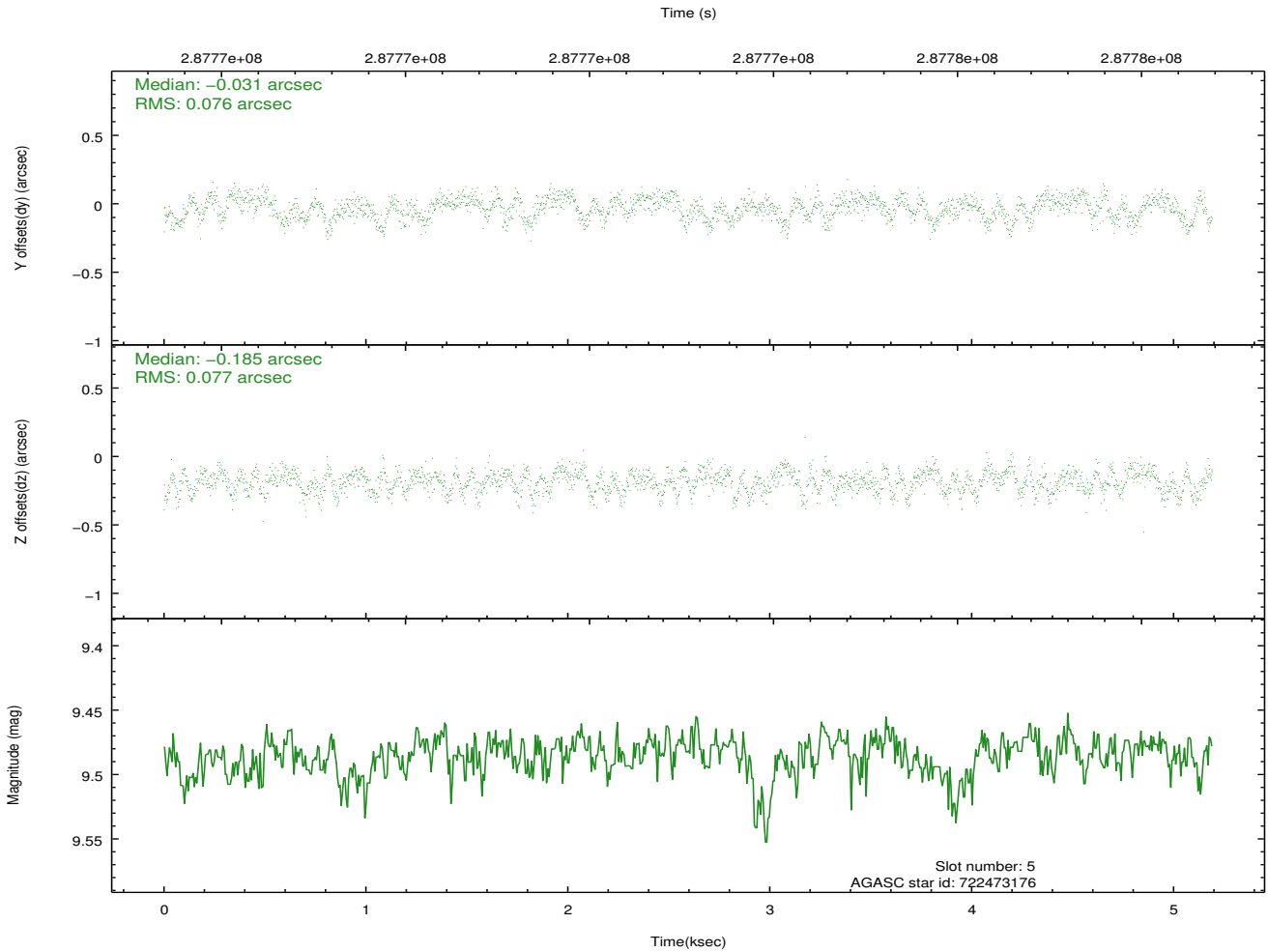
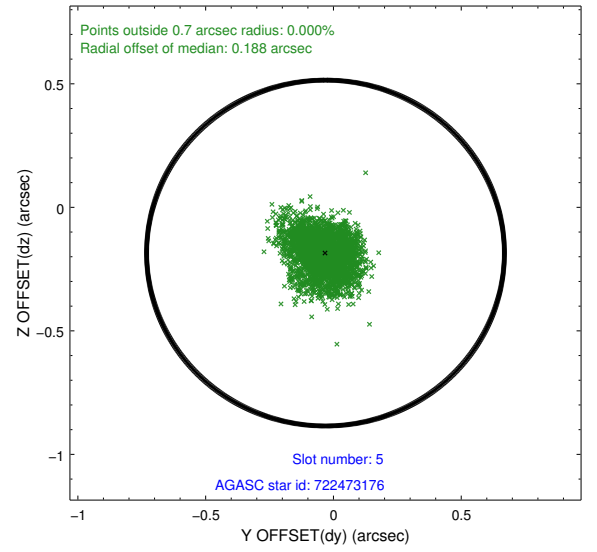
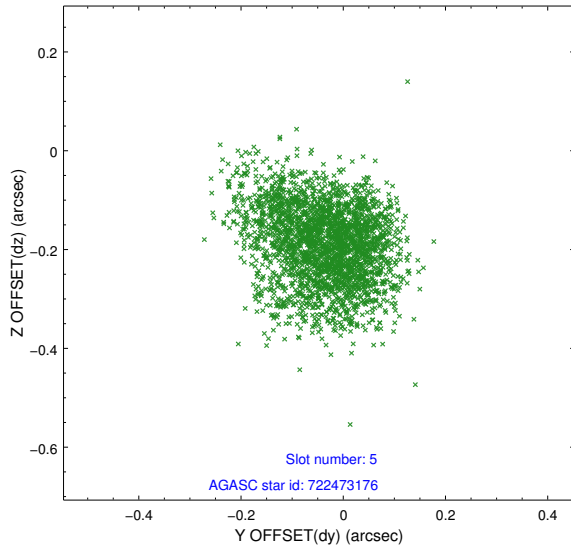
2.4.1 Slot 3



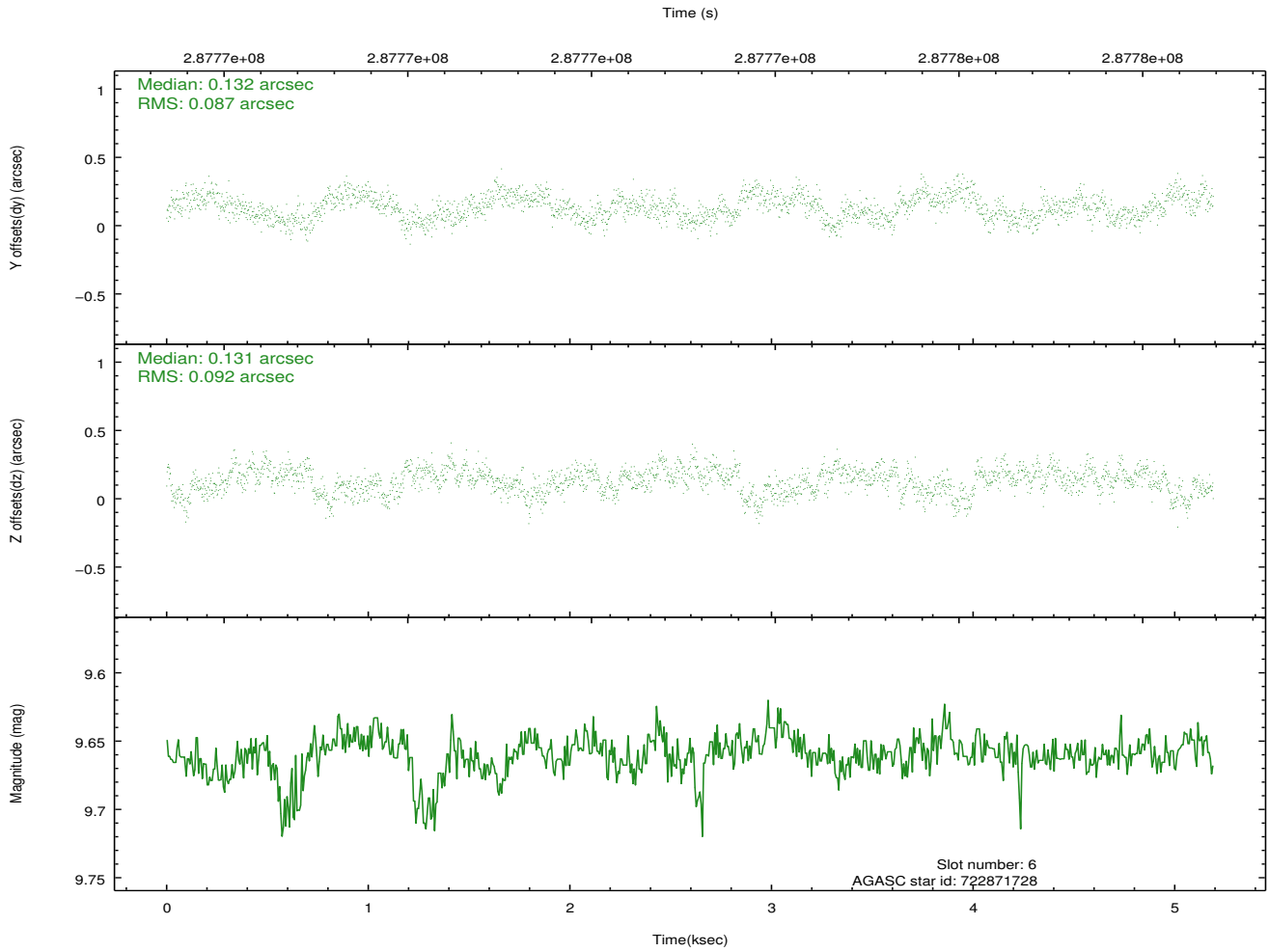
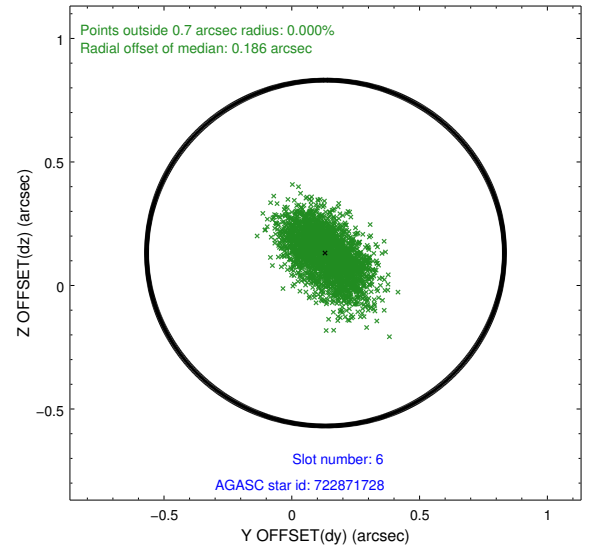
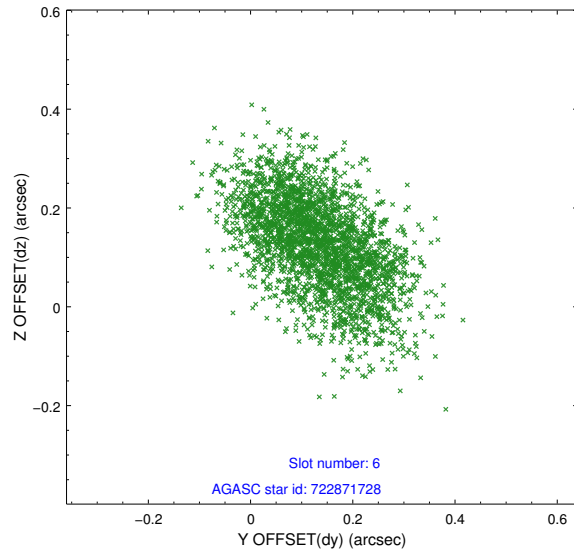
2.4.2 Slot 4



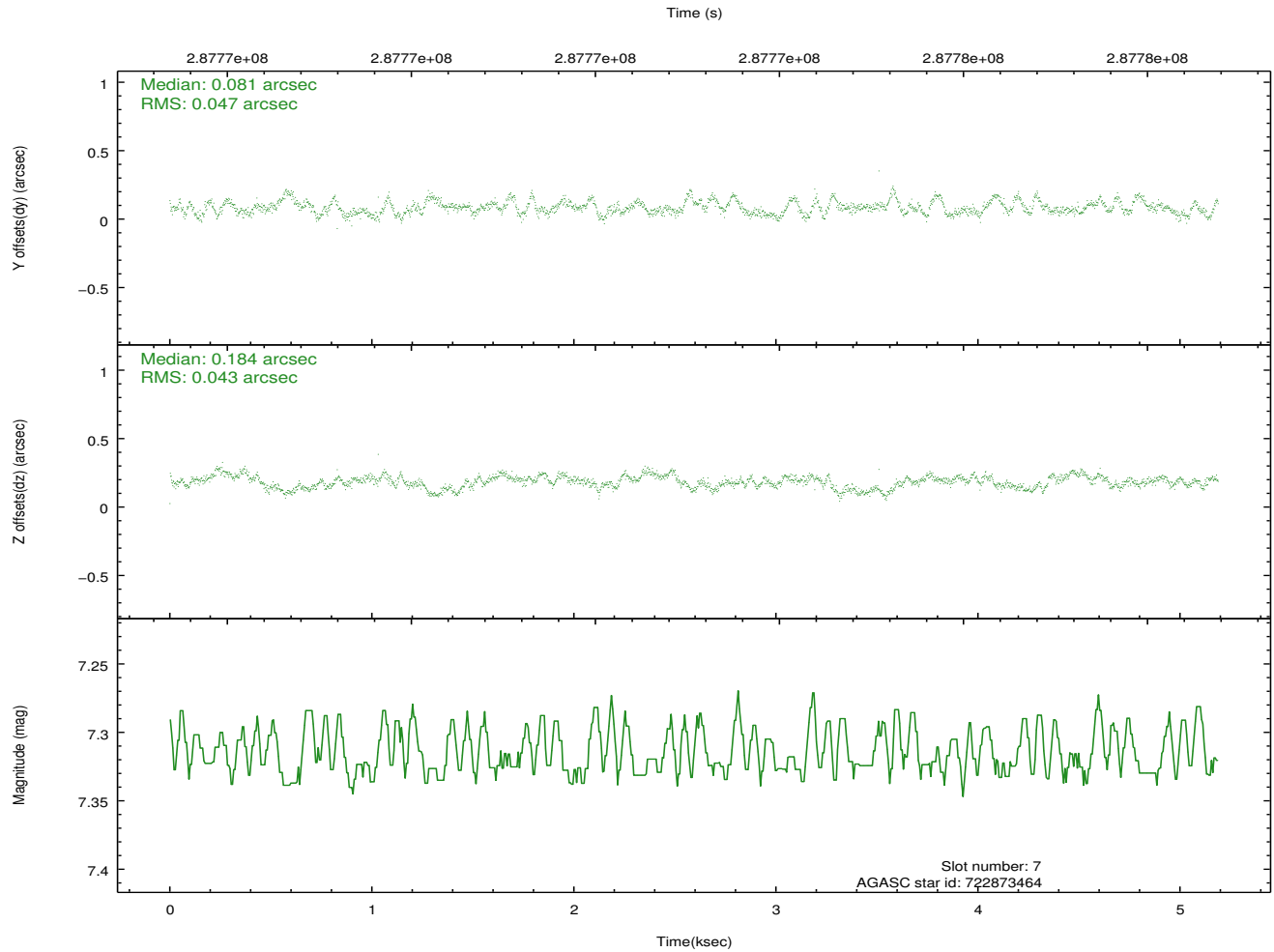
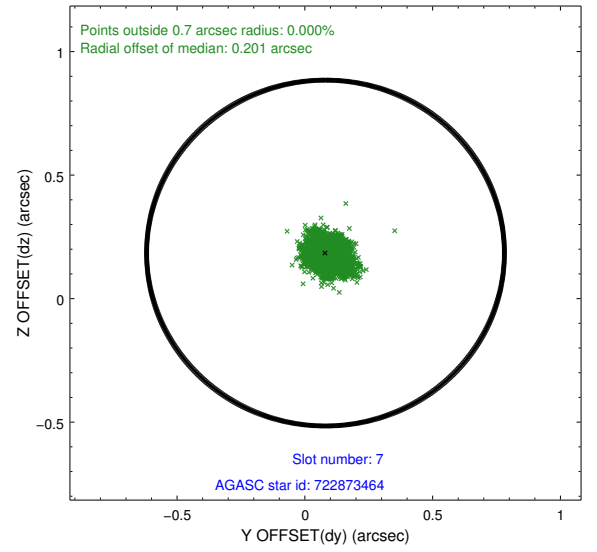
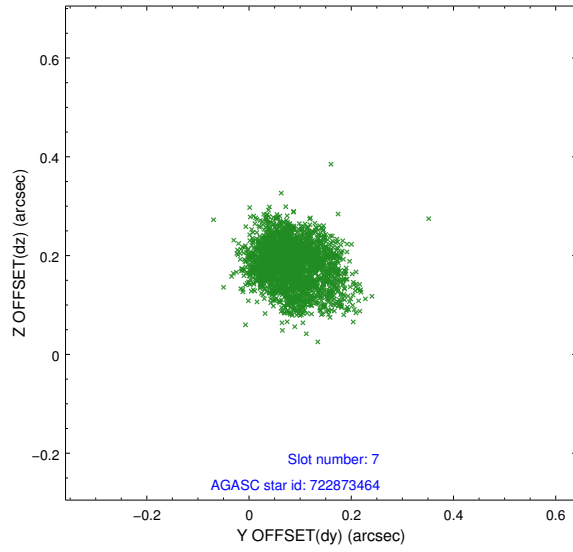
2.4.3 Slot 5



2.4.4 Slot 6

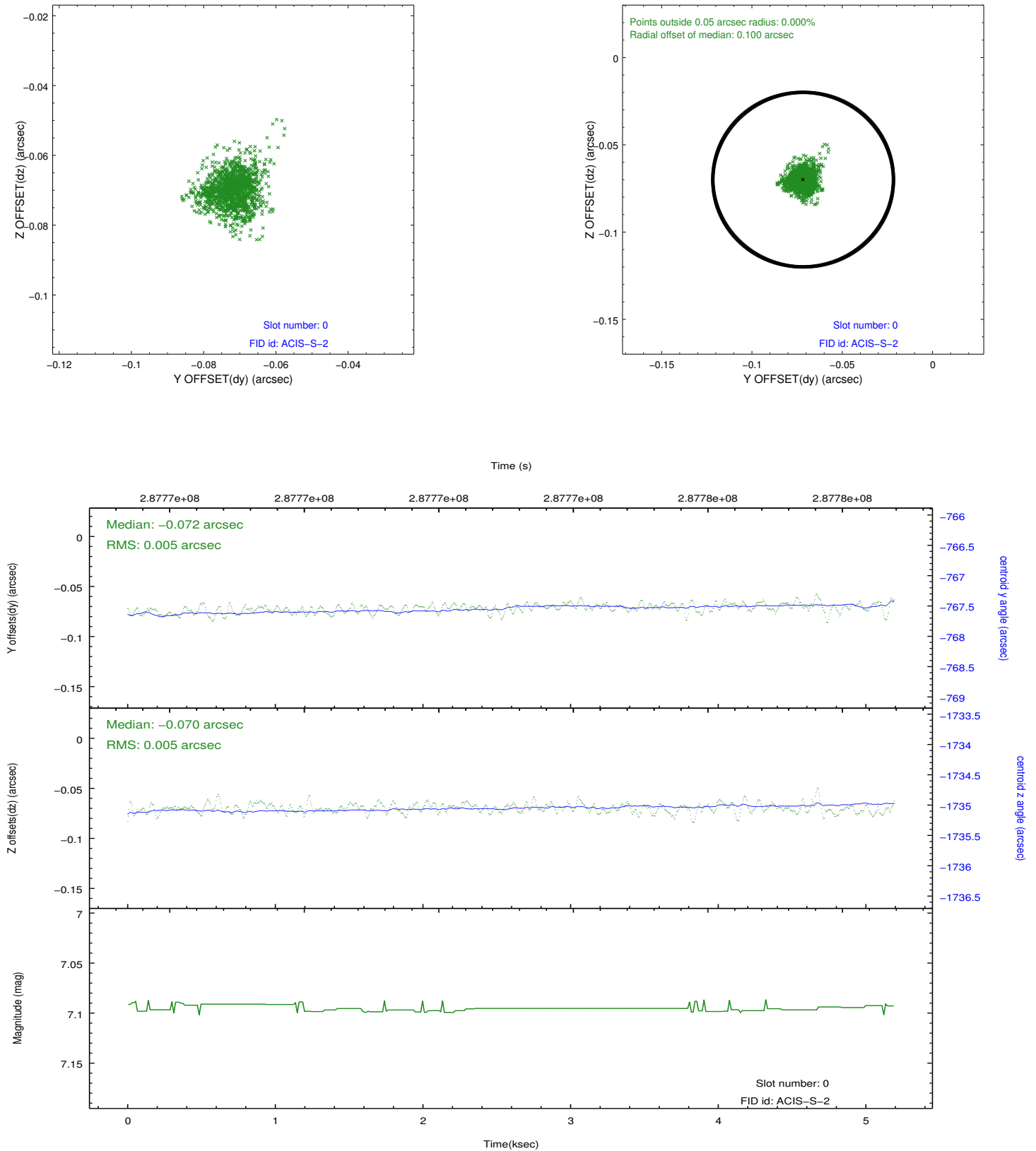


2.4.5 Slot 7

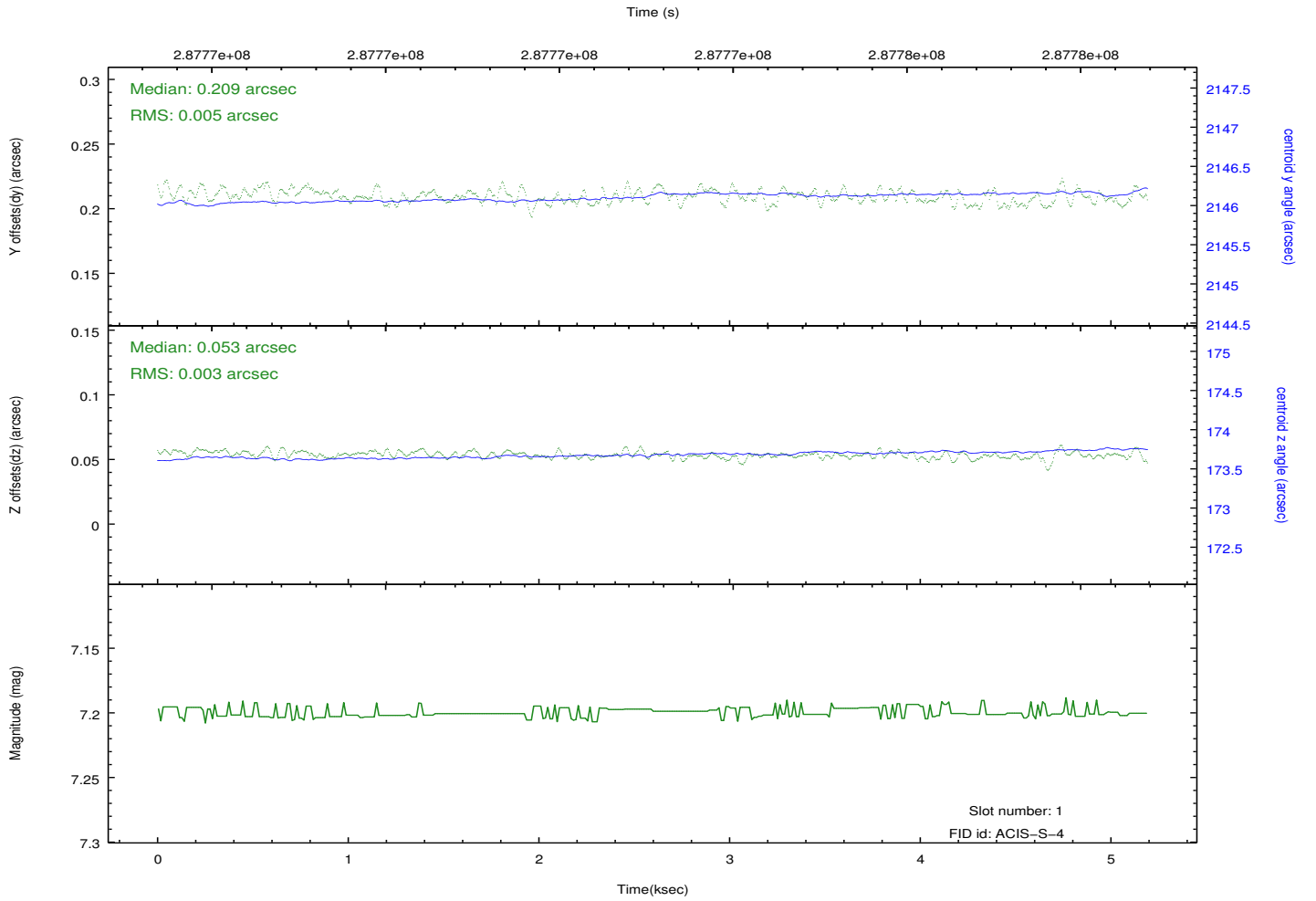
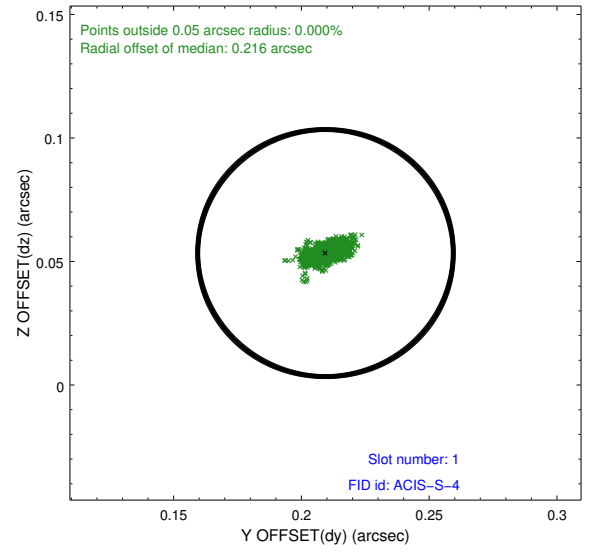
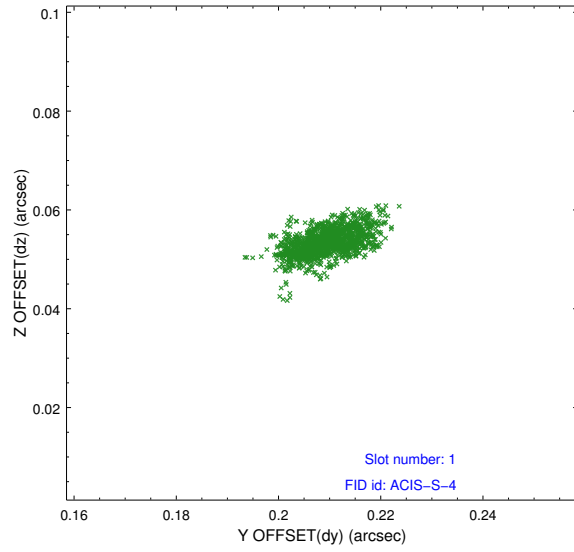


2.5 FID Slots

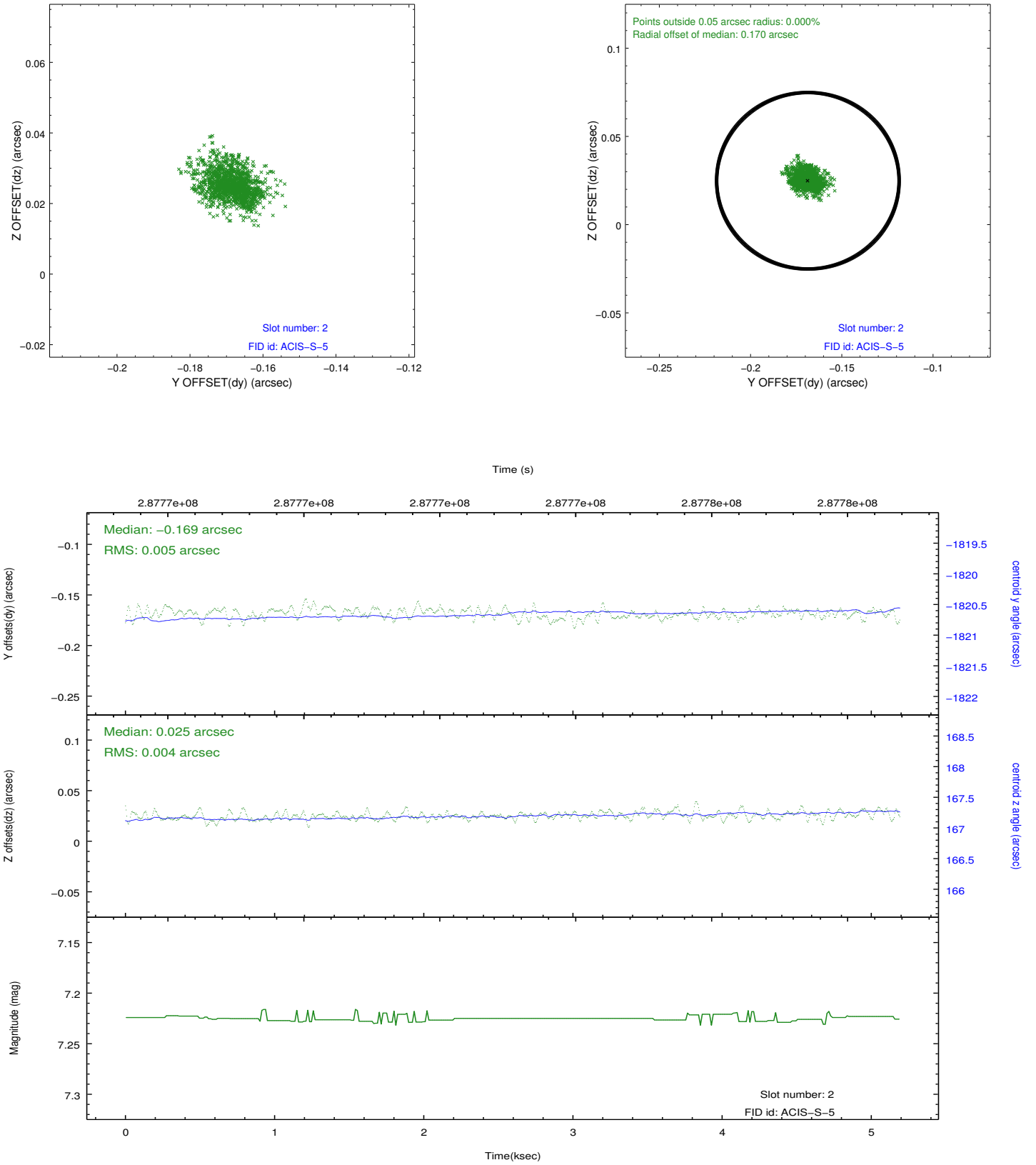
2.5.1 Slot 0



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)	2012.04.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18879969

A.2 Comments

Joint proposal with HST.