

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7792 - L2 Version 2
Chandra X-Ray Center

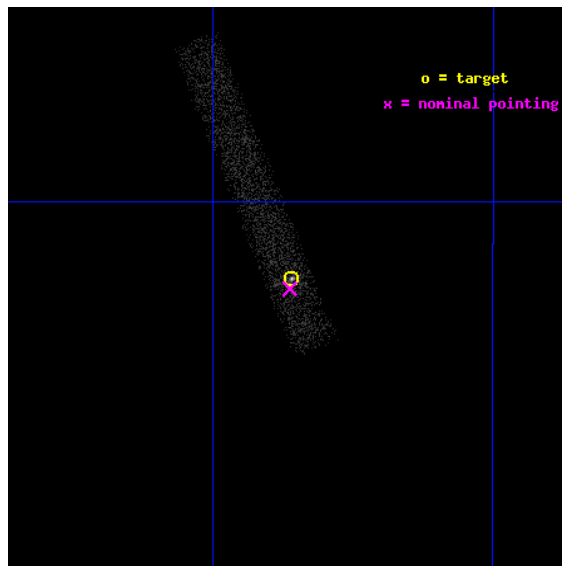
L2 Processing Date : Apr 26 2012

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1 Front

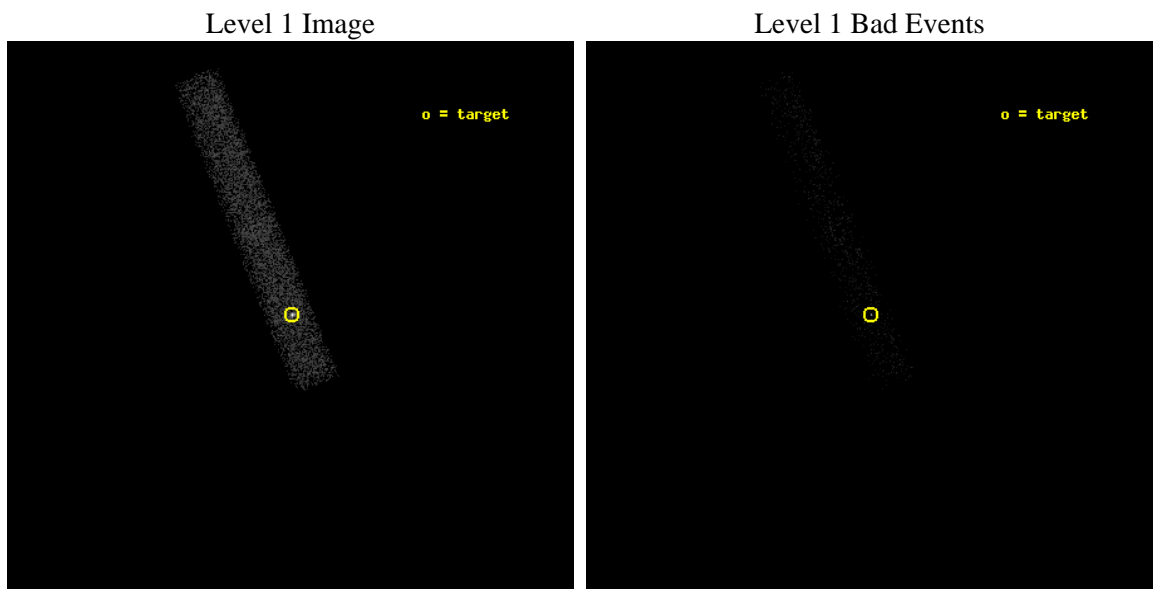
seq_num	701460	Sequence number
obs_id	7792	Observation id
title	Dissecting an Accretion Disk	Proposal title
observer	Prof. Christopher Kochanek	Principal investigator
object	RXJ1131-1231	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	172.965	Observer's specified target RA [deg]
dec_targ	-12.5325	Observer's specified target Dec [deg]
ra_nom	172.96577817264	Nominal RA [deg]
dec_nom	-12.537315886125	Nominal Dec [deg]
roll_nom	248.18853120705	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5159.1996924877	Sum of GTIs [s]
livetime	4679.1217961978	Livetime [s]
ontime7	5159.1996924877	Sum of GTIs [s]
l2events	7735	Number of level 2 events



2 OBI

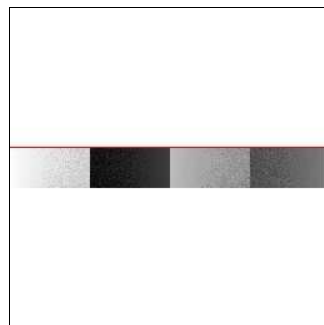
2.1 OBI

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	5159.1996924877	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	5159.1996924877	Sum of GTIs [s]
date	2012-04-26T11:38:26	Date and time of file creation	l1events	14086	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

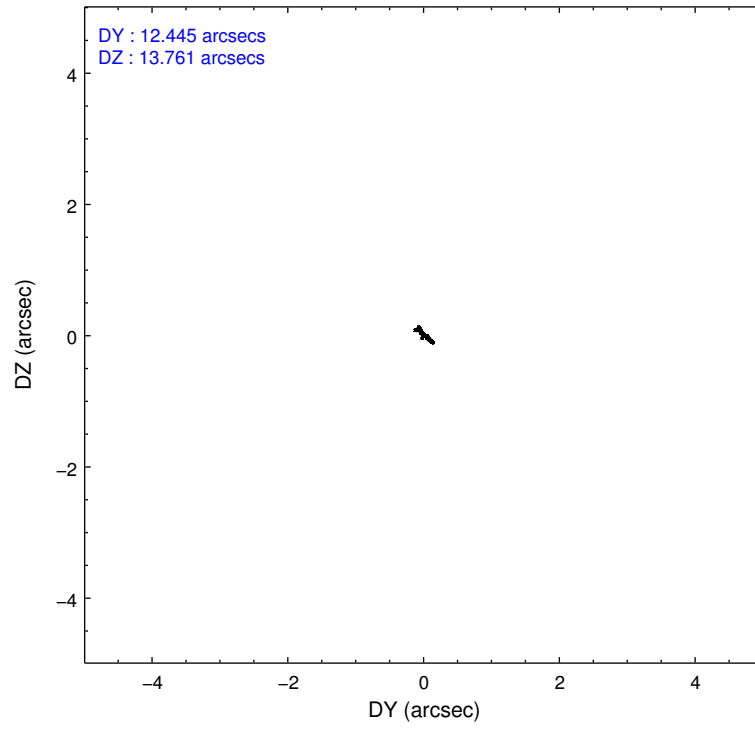
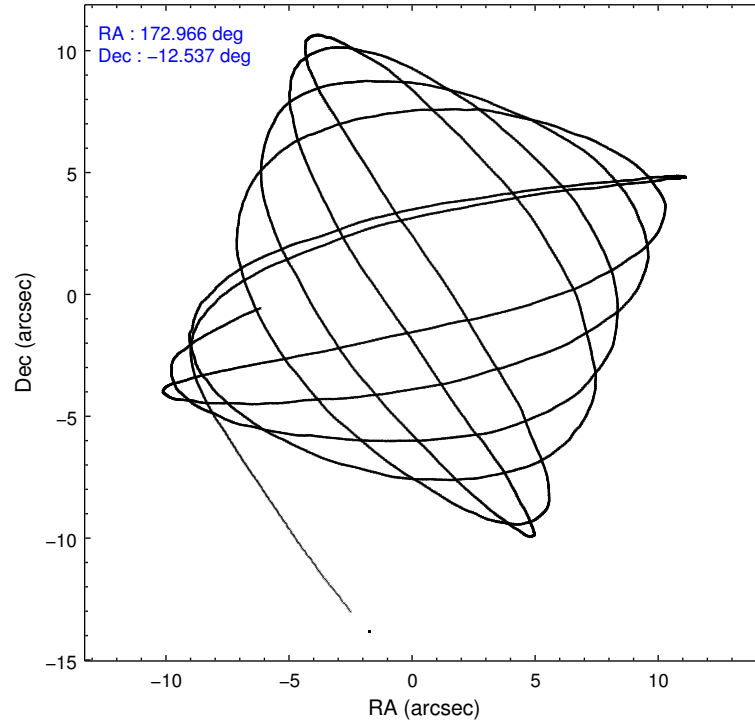
	ccd 7
level 1 events	14086
rejected events	6147
rejected %	43%

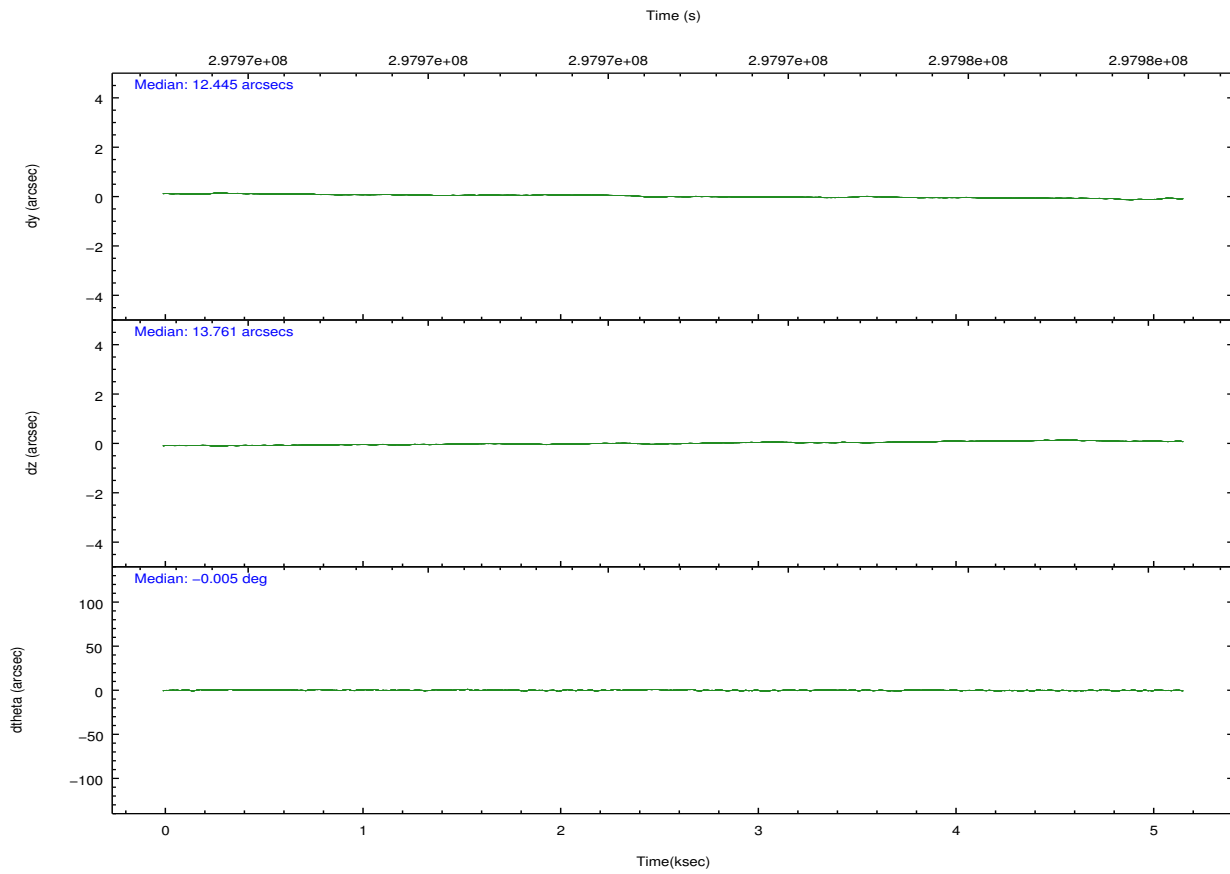
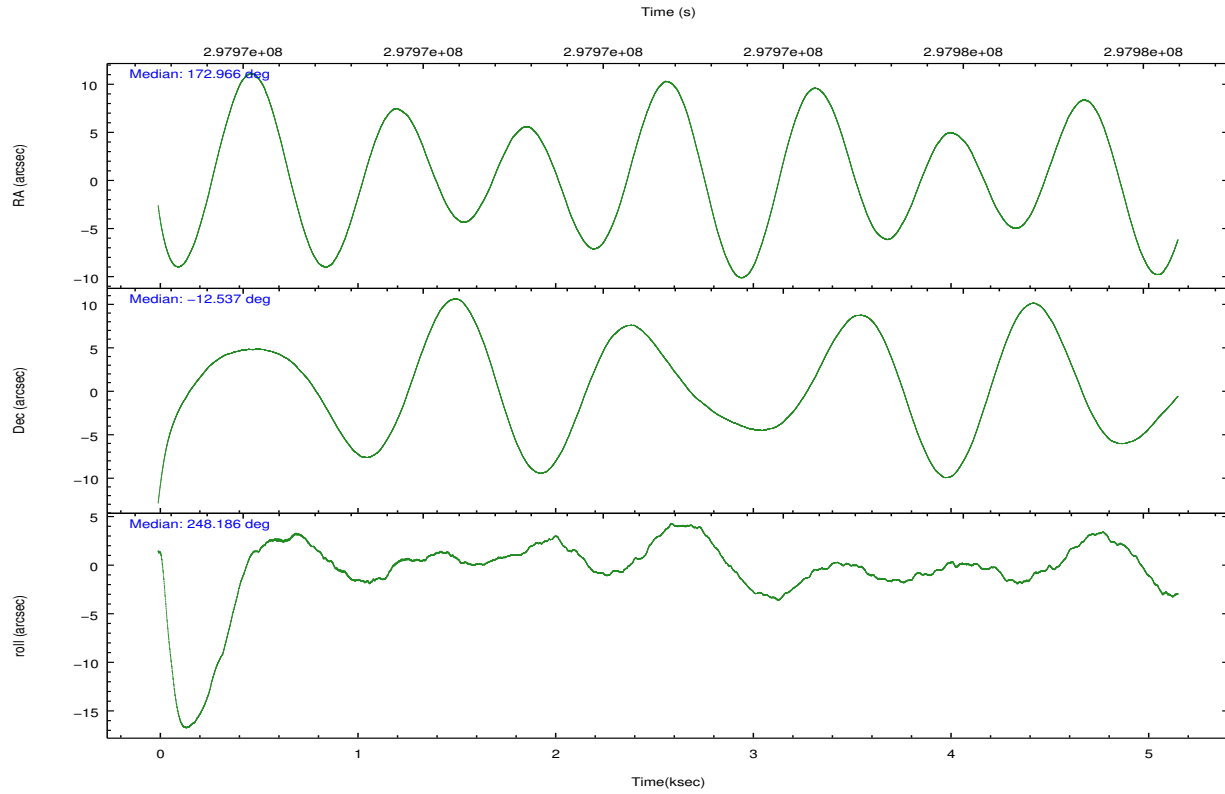
	ccd 7
grade 0 events	1684
	11%
grade 1 events	26
	0%
grade 2 events	1844
	13%
grade 3 events	1025
	7%
grade 4 events	1047
	7%
grade 5 events	1000
	7%
grade 6 events	2991
	21%
grade 7 events	4469
	31%

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	172.961485	172.9657781726377	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-12.510266	-12.53731588612527	Subarray start row	449	449
[deg] Pointing Roll	248.030935	248.1885312070529	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)	297970932.184000	297969986.99515			
Observation start date	2007-06-11T17:41:07	2007-06-11T17:26:26			
[s] Observation end time (MET)	297975932.184000	297977096.39549			
Observation end date	2007-06-11T19:04:27	2007-06-11T19:24:56			
Read mode	TIMED	TIMED			

2.3 Aspect



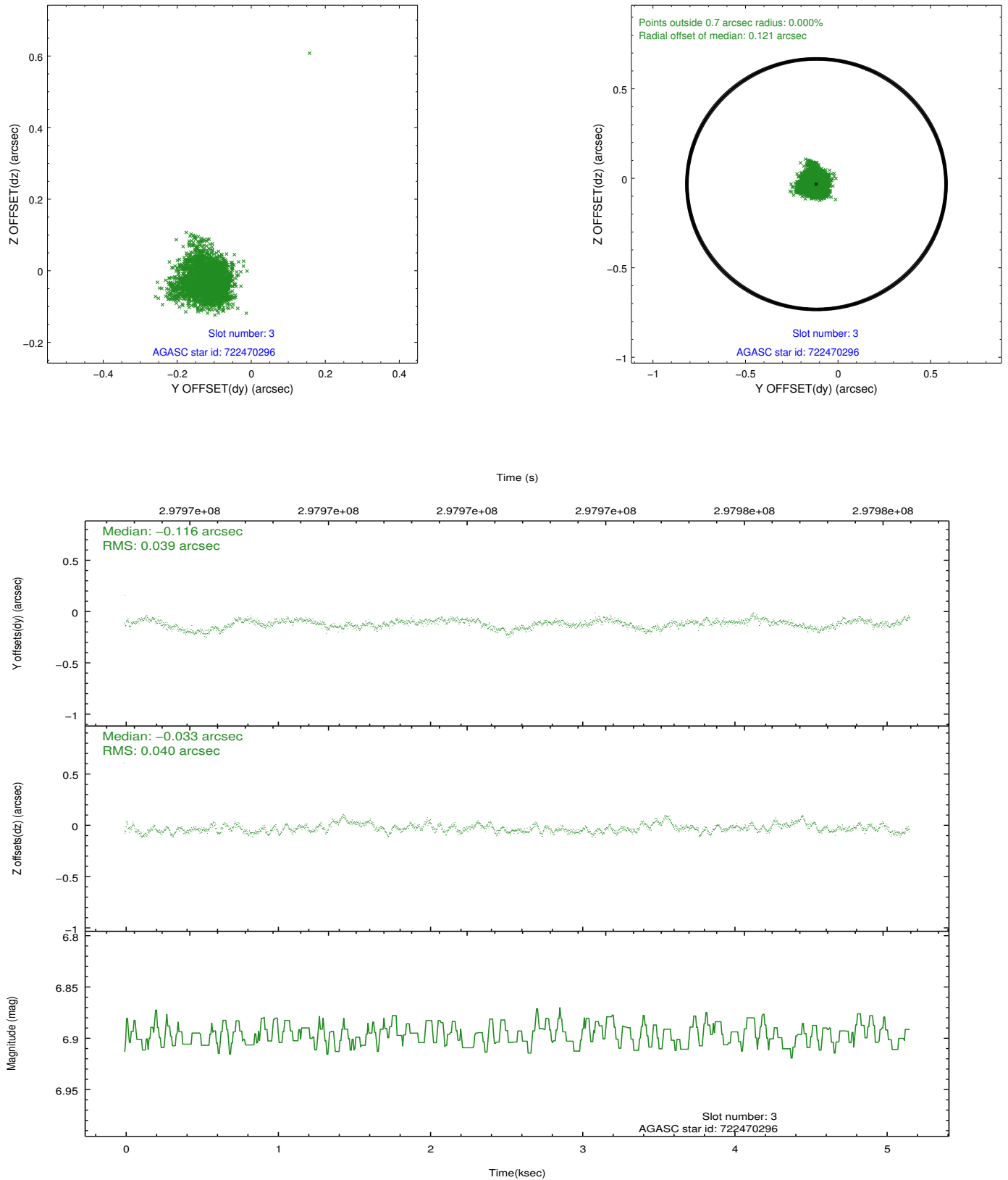


Slot Statistics

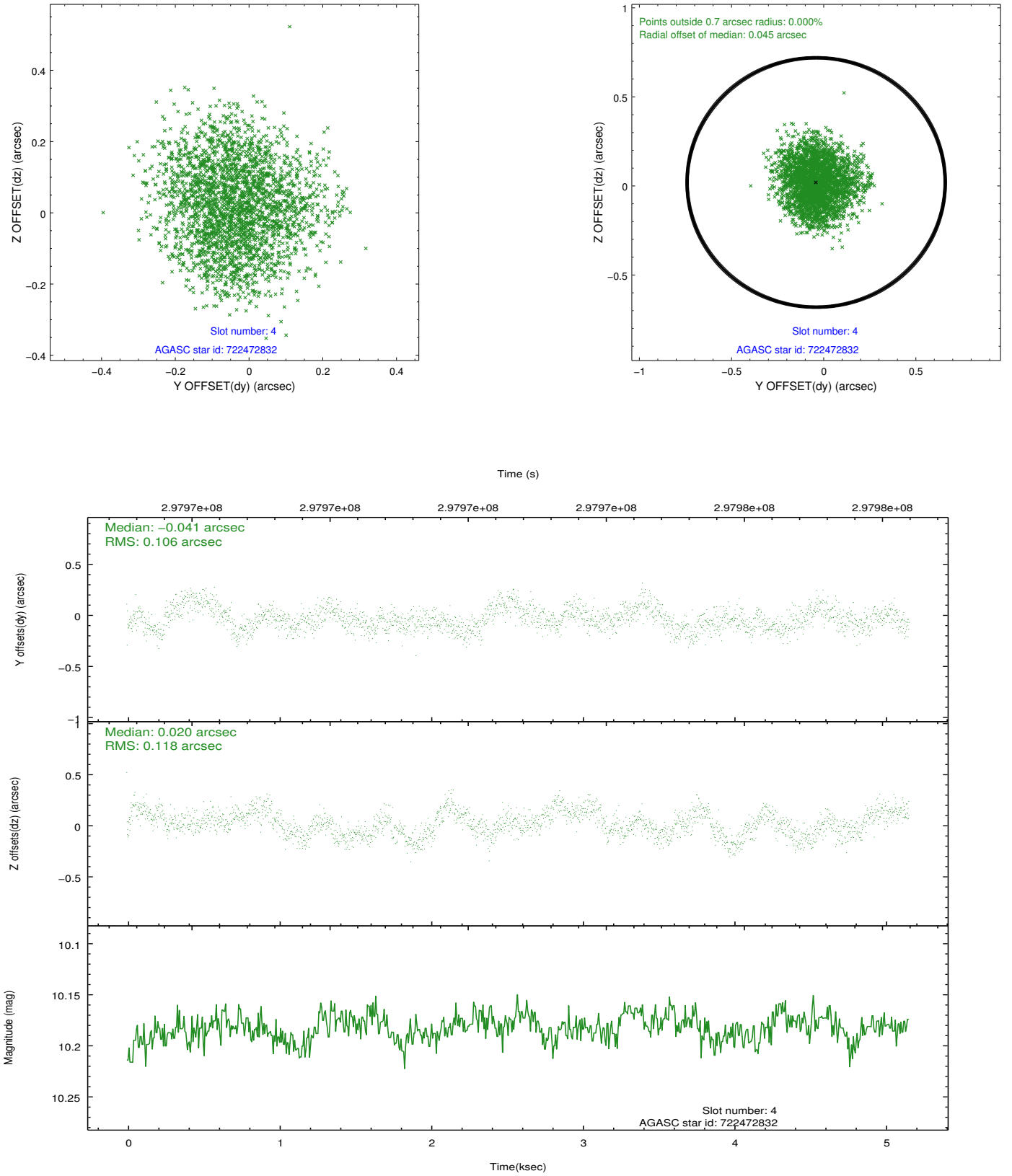
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1259	0.061	-0.022	0.008	0.013	0.000000	0.000000	930.72	-1730.78
1	FID	ACIS-S-4	7.19	1259	0.104	-0.009	0.006	0.010	0.000000	0.000000	2148.83	172.17
2	FID	ACIS-S-5	7.23	1259	-0.193	0.044	0.008	0.014	0.000000	0.000000	-1816.89	167.17
3	GUIDE	722470296	6.90	2518	-0.116	-0.033	0.058	0.095	172.921689	-12.381367	-378.00	-303.27
4	GUIDE	722472832	10.18	2515	-0.041	0.020	0.174	0.262	173.078970	-12.015349	-1807.08	-282.72
5	GUIDE	722473176	9.49	2516	-0.083	-0.115	0.099	0.162	172.599746	-12.066793	-1003.83	-1778.02
6	GUIDE	722871728	9.66	2510	0.088	0.056	0.117	0.185	173.202235	-12.568355	-122.40	862.47
7	GUIDE	722873464	7.32	2517	0.154	0.068	0.067	0.105	172.661543	-13.050266	2197.42	-246.83

2.4 Star Slots

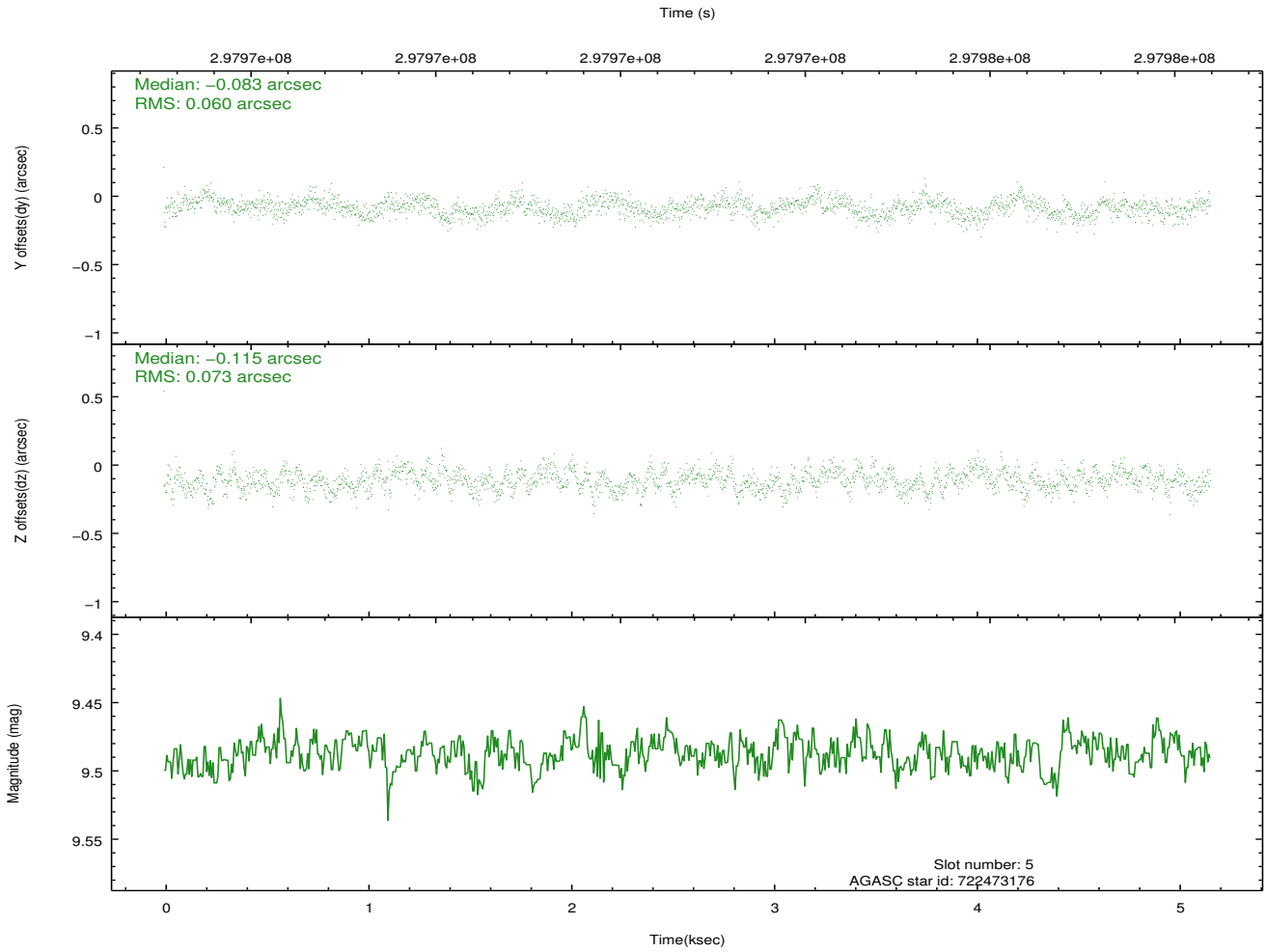
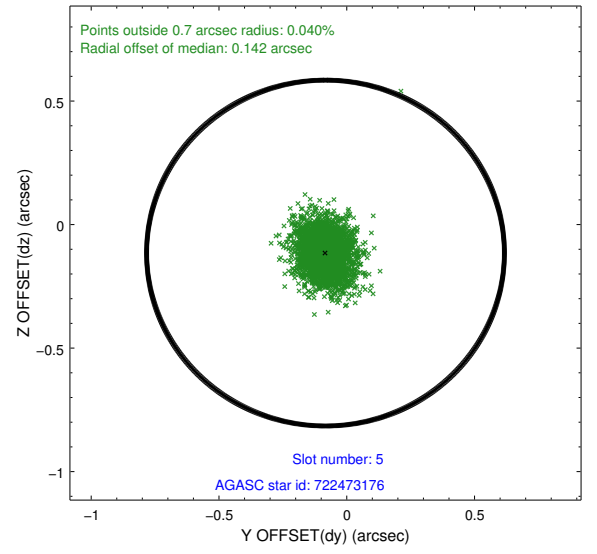
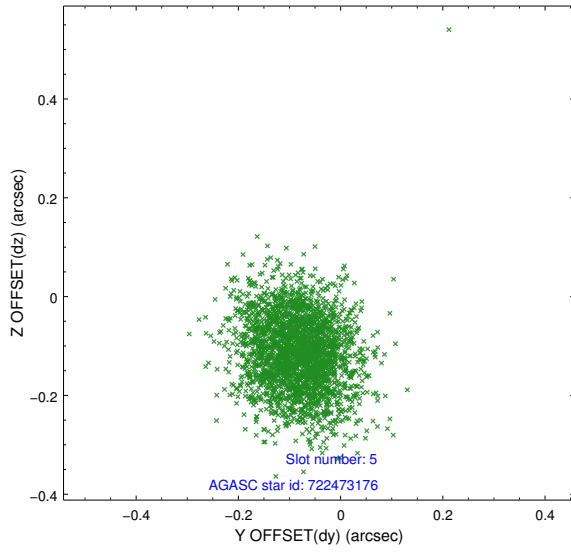
2.4.1 Slot 3



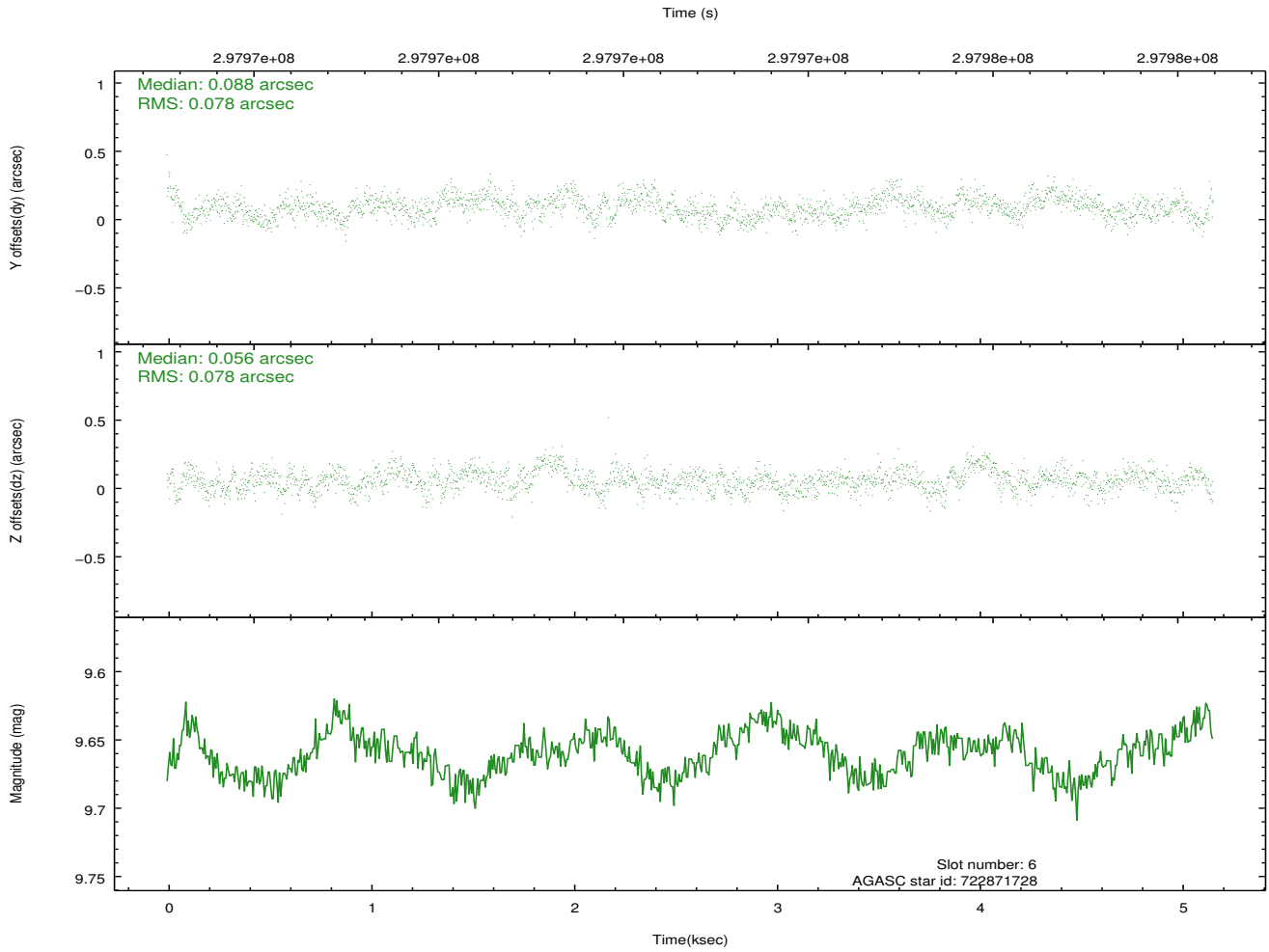
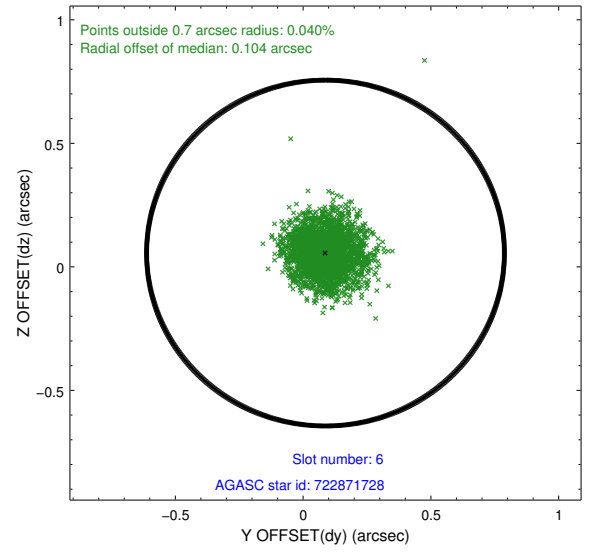
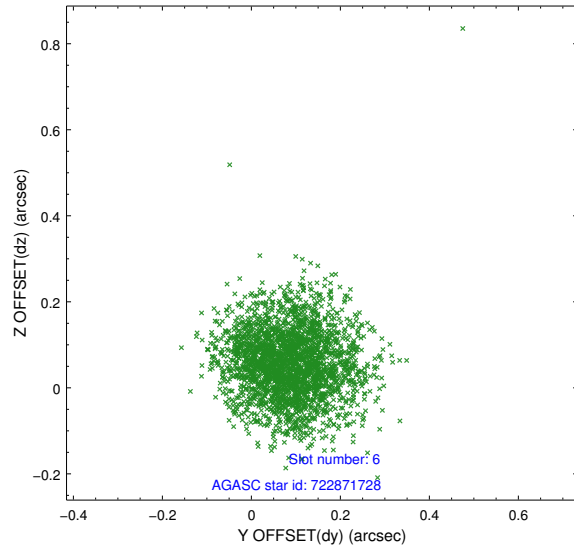
2.4.2 Slot 4



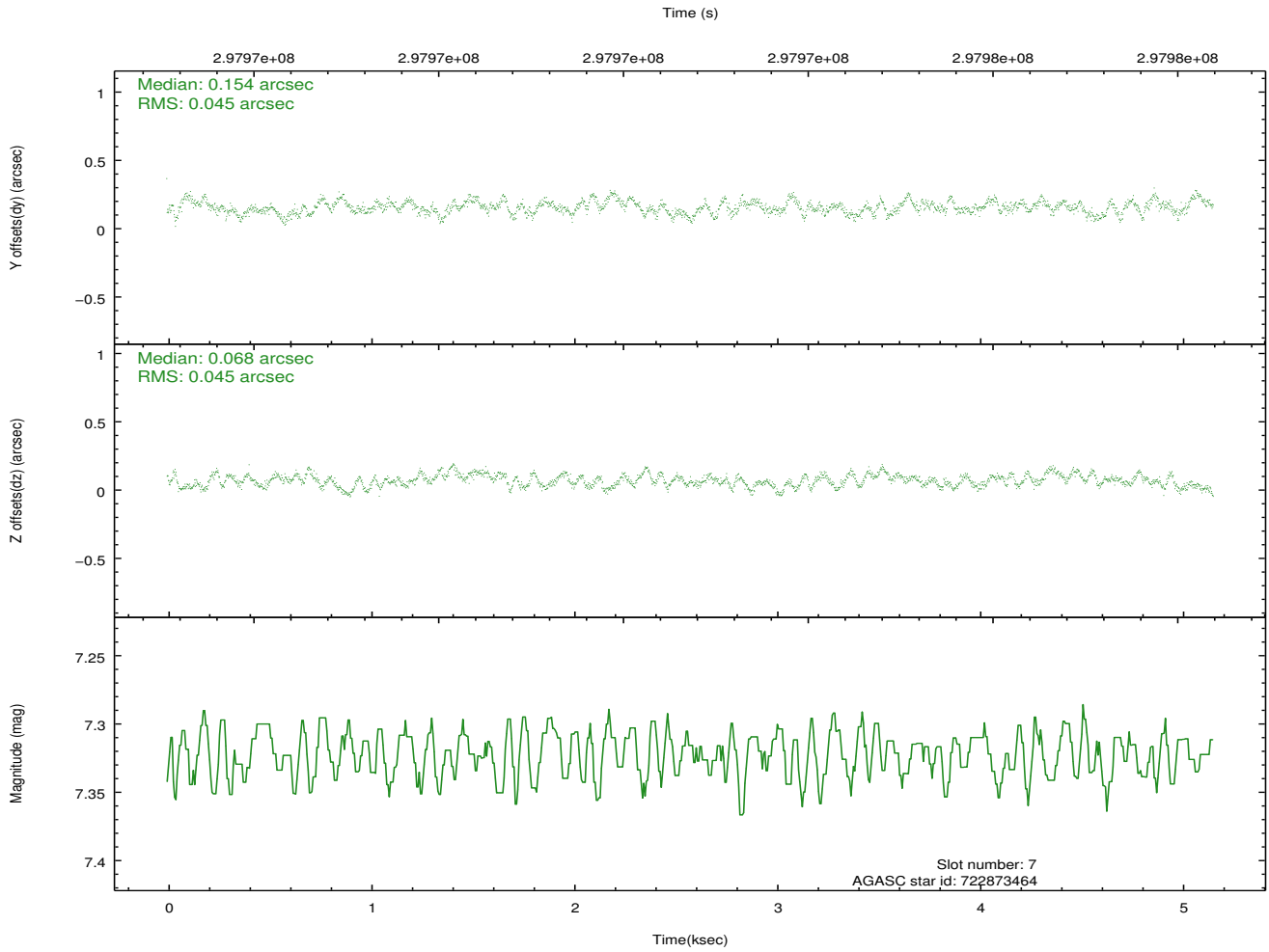
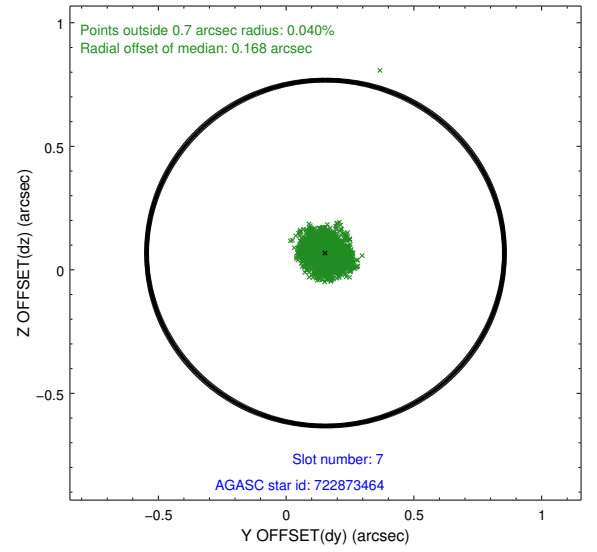
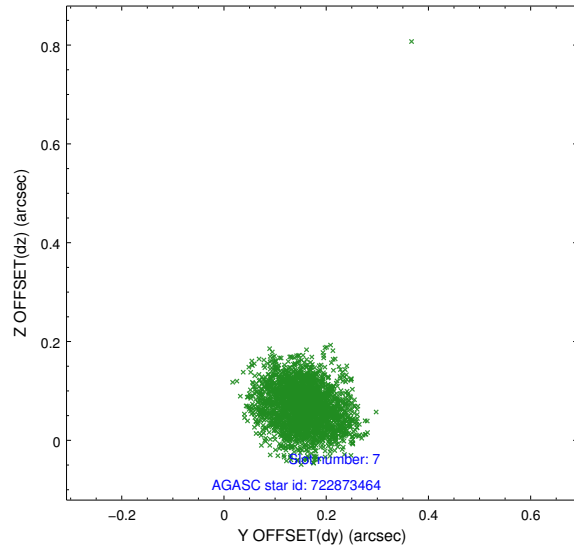
2.4.3 Slot 5



2.4.4 Slot 6

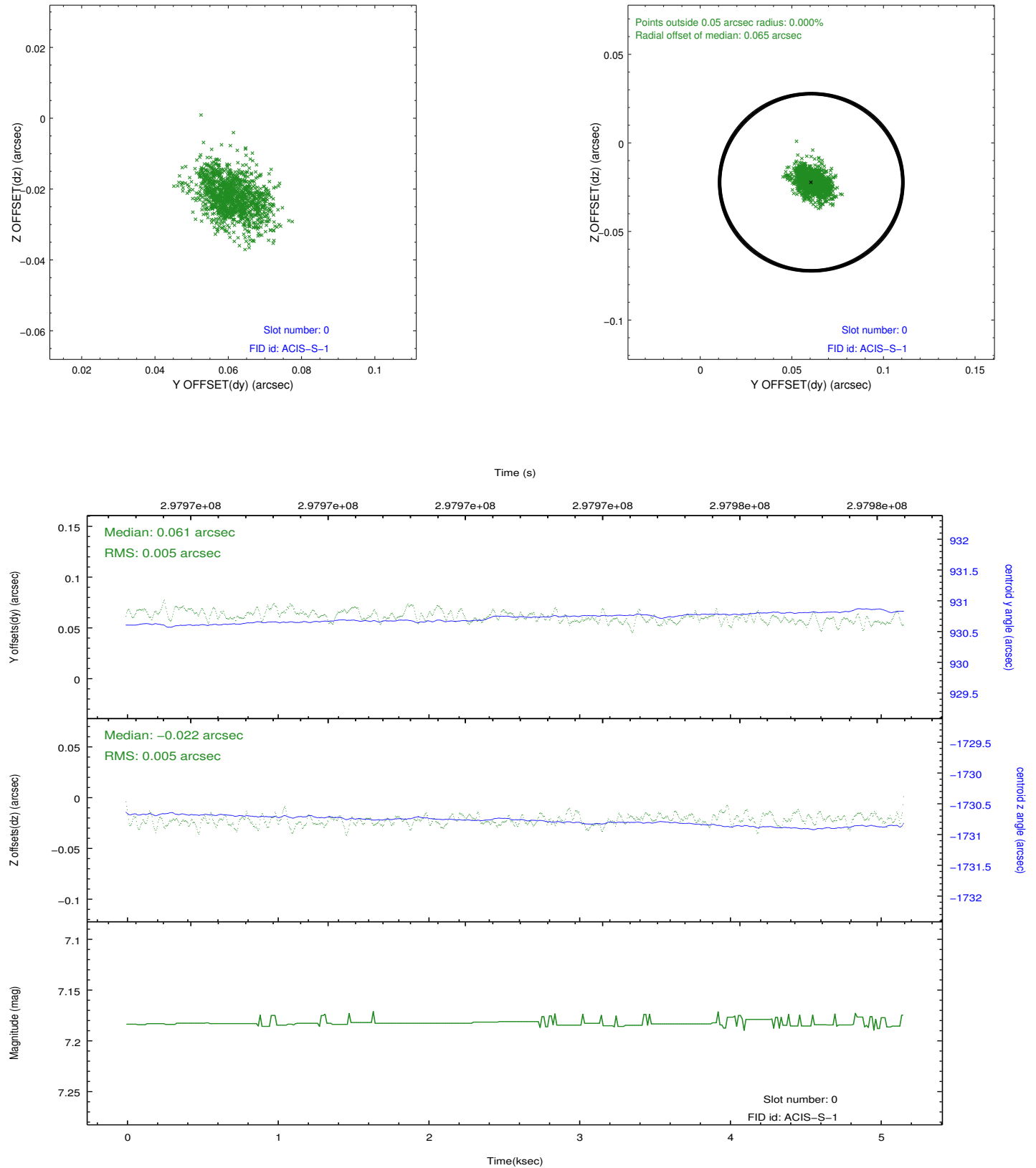


2.4.5 Slot 7

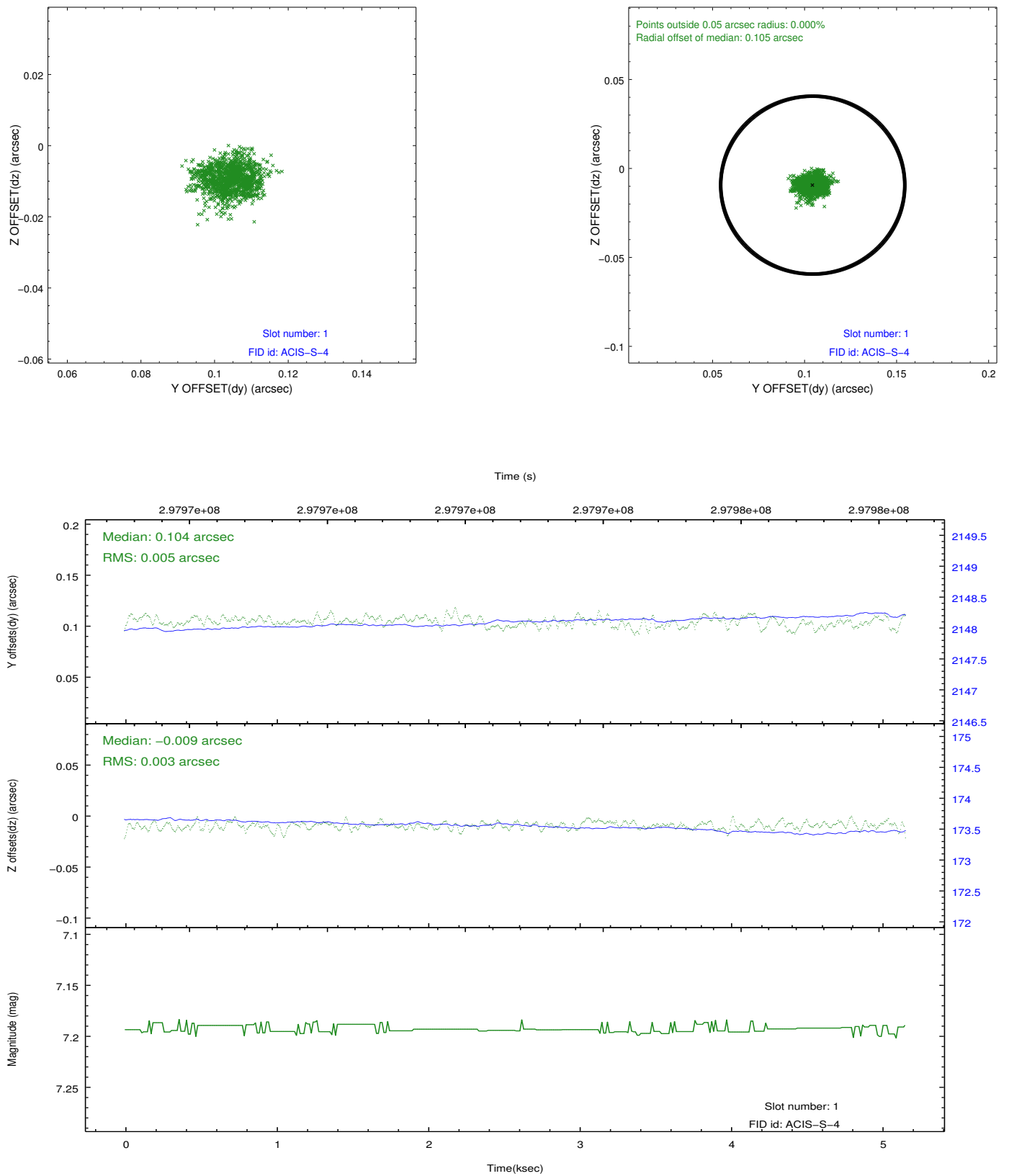


2.5 FID Slots

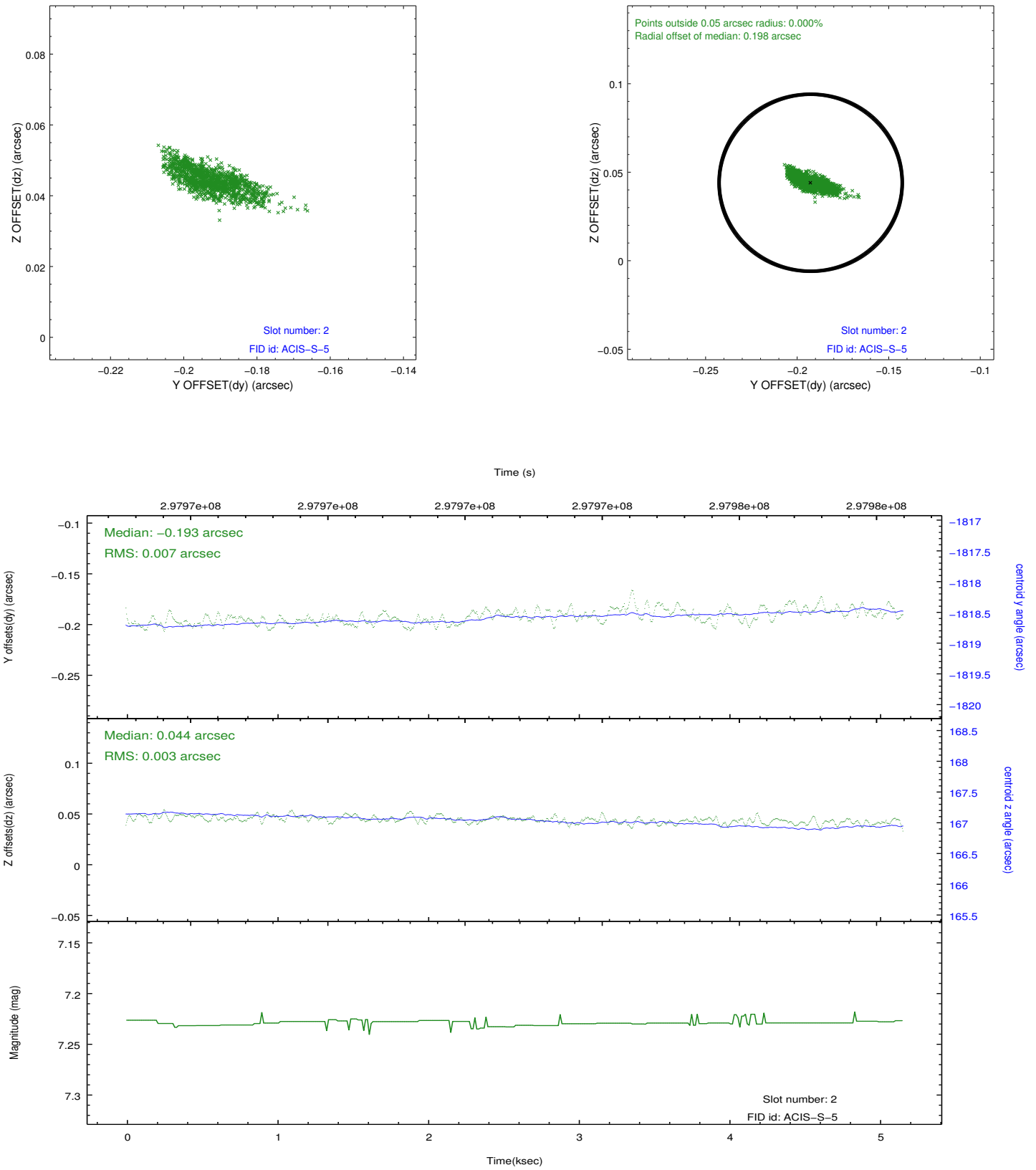
2.5.1 Slot 0



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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.15919969

A.2 Comments

Coordinated with HST. Follows obs7791 by 7 days; requested 3 - 15 days.