

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7790 - L2 Version 3
Chandra X-Ray Center

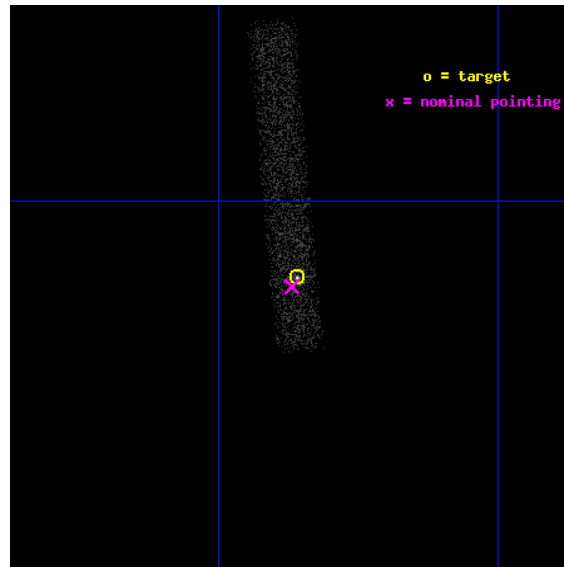
L2 Processing Date : Apr 23 2012

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1 Front

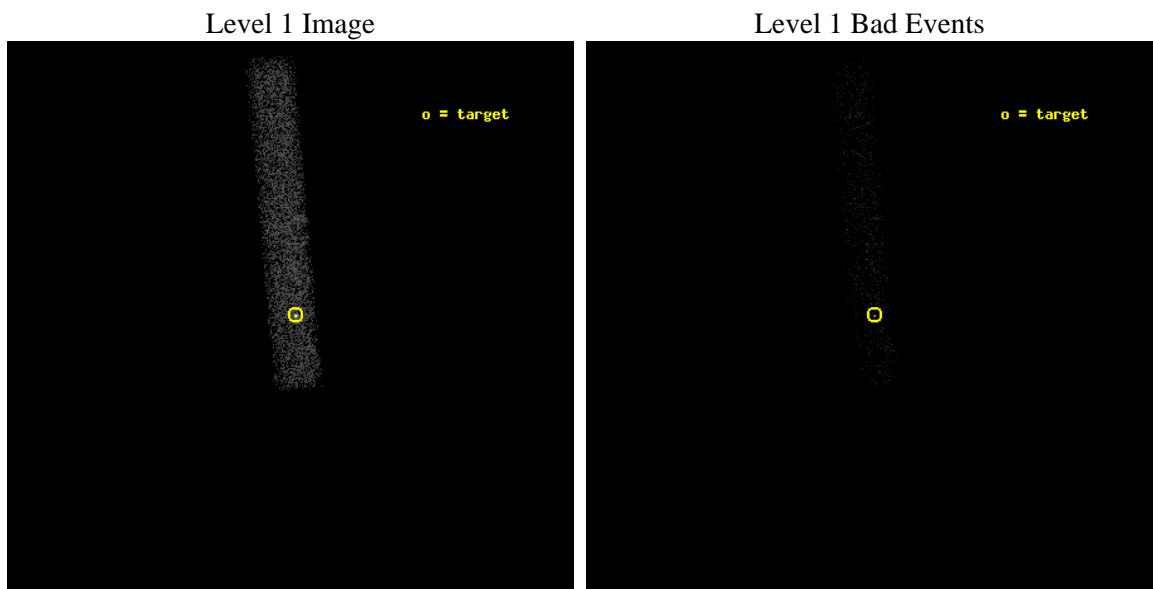
seq_num	701458	Sequence number
obs_id	7790	Observation id
title	Dissecting an Accretion Disk	Proposal title
observer	Prof. Christopher Kochanek	Principal investigator
object	RXJ1131-1231	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	172.965	Observer's specified target RA [deg]
dec_targ	-12.5325	Observer's specified target Dec [deg]
ra_nom	172.96728098864	Nominal RA [deg]
dec_nom	-12.536928438524	Nominal Dec [deg]
roll_nom	264.78311748863	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5179.5996912718	Sum of GTIs [s]
livetime	4697.6235182948	Livetime [s]
ontime7	5179.5996912718	Sum of GTIs [s]
l2events	7127	Number of level 2 events



2 OBI

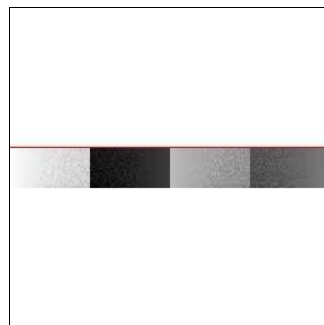
2.1 OBI

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	5179.5996912718	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5179.5996912718	Sum of GTIs [s]
date	2012-04-23T20:18:12	Date and time of file creation	l1events	12606	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

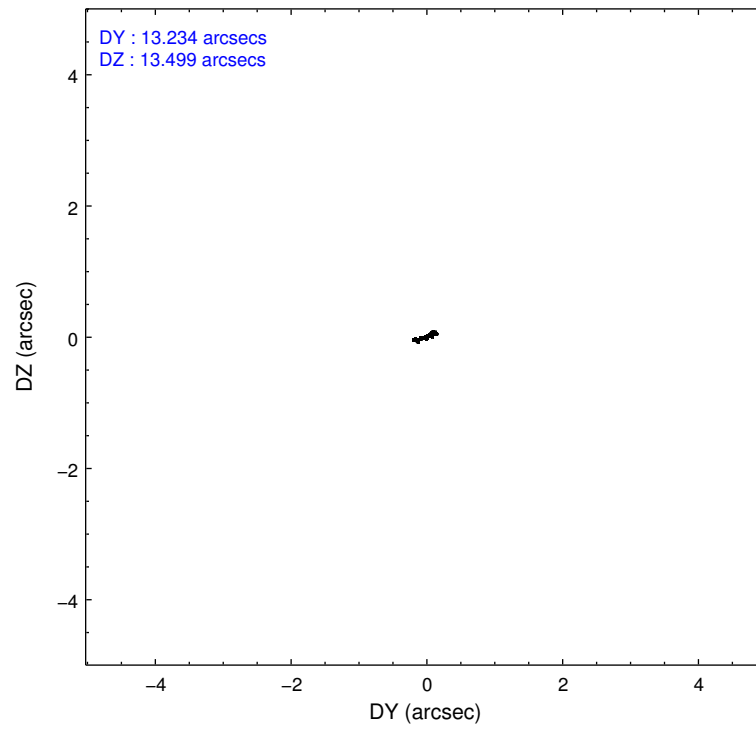
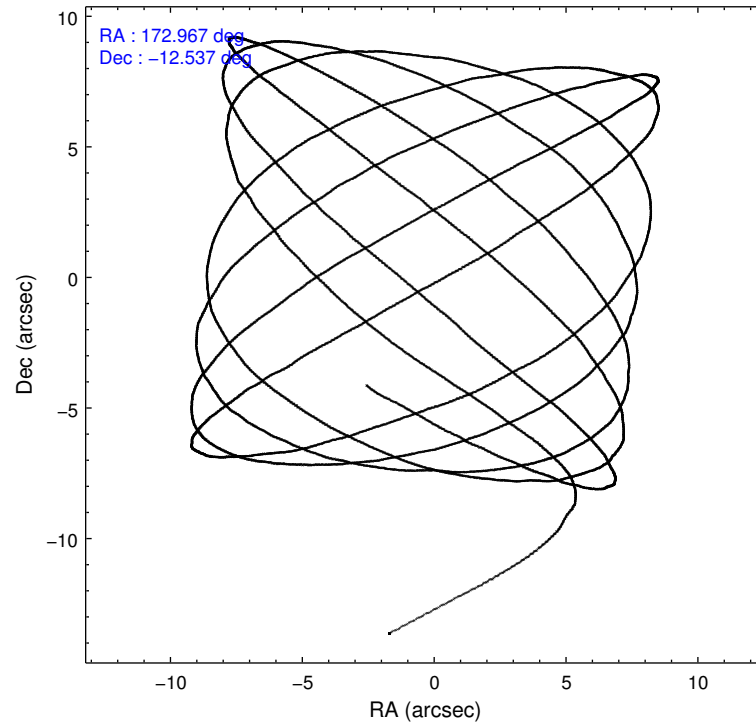
	ccd 7
level 1 events	12606
rejected events	5338
rejected %	42%

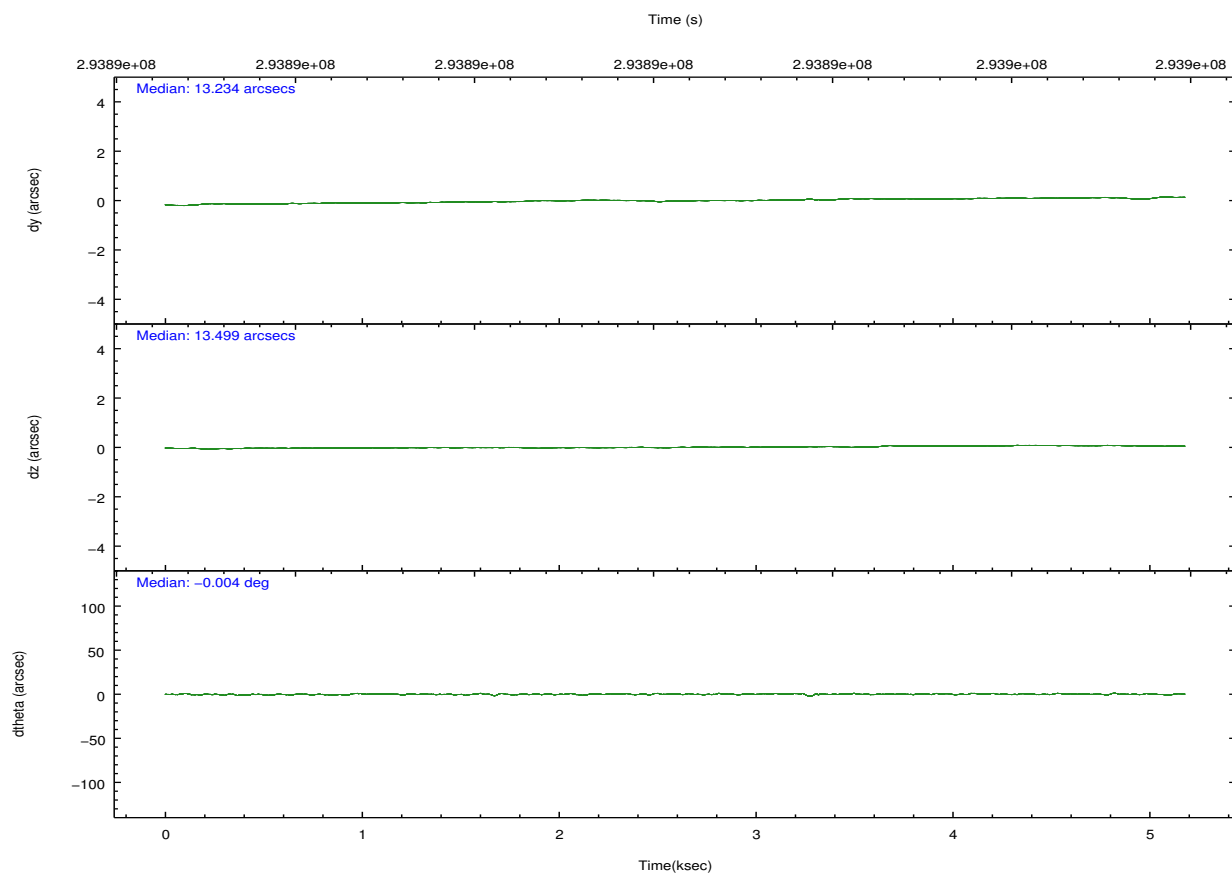
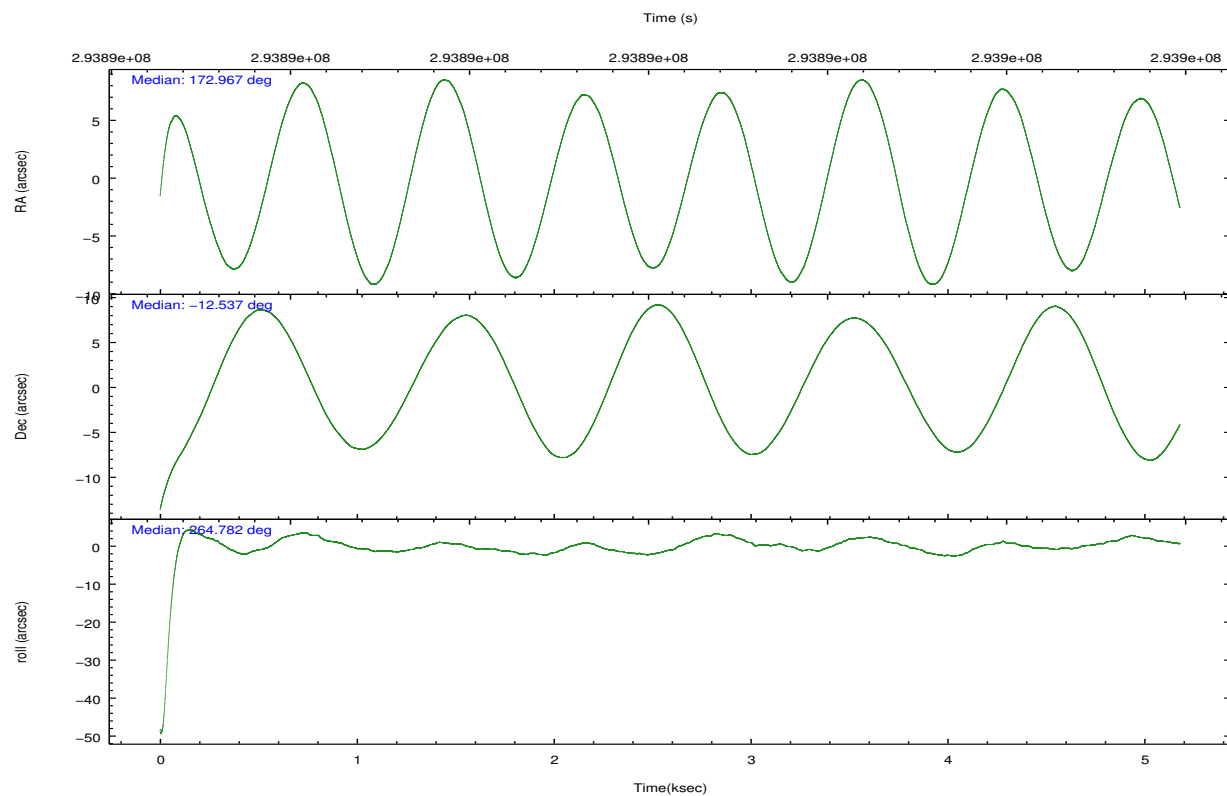
	ccd 7
grade 0 events	1416
	11%
grade 1 events	22
	0%
grade 2 events	1712
	13%
grade 3 events	948
	7%
grade 4 events	894
	7%
grade 5 events	901
	7%
grade 6 events	2561
	20%
grade 7 events	4152
	32%

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	172.955129	172.9672809886444	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-12.512179	-12.53692843852446	Subarray start row	449	449
[deg] Pointing Roll	264.623981	264.7831174886322	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	293890706.184000	293889948.16279			
Observation start date	2007-04-25T12:17:21	2007-04-25T12:05:48			
[s] Observation end time (MET)	293895706.184000	293897045.77563			
Observation end date	2007-04-25T13:40:41	2007-04-25T14:04:05			
Read mode	TIMED	TIMED			

2.3 Aspect



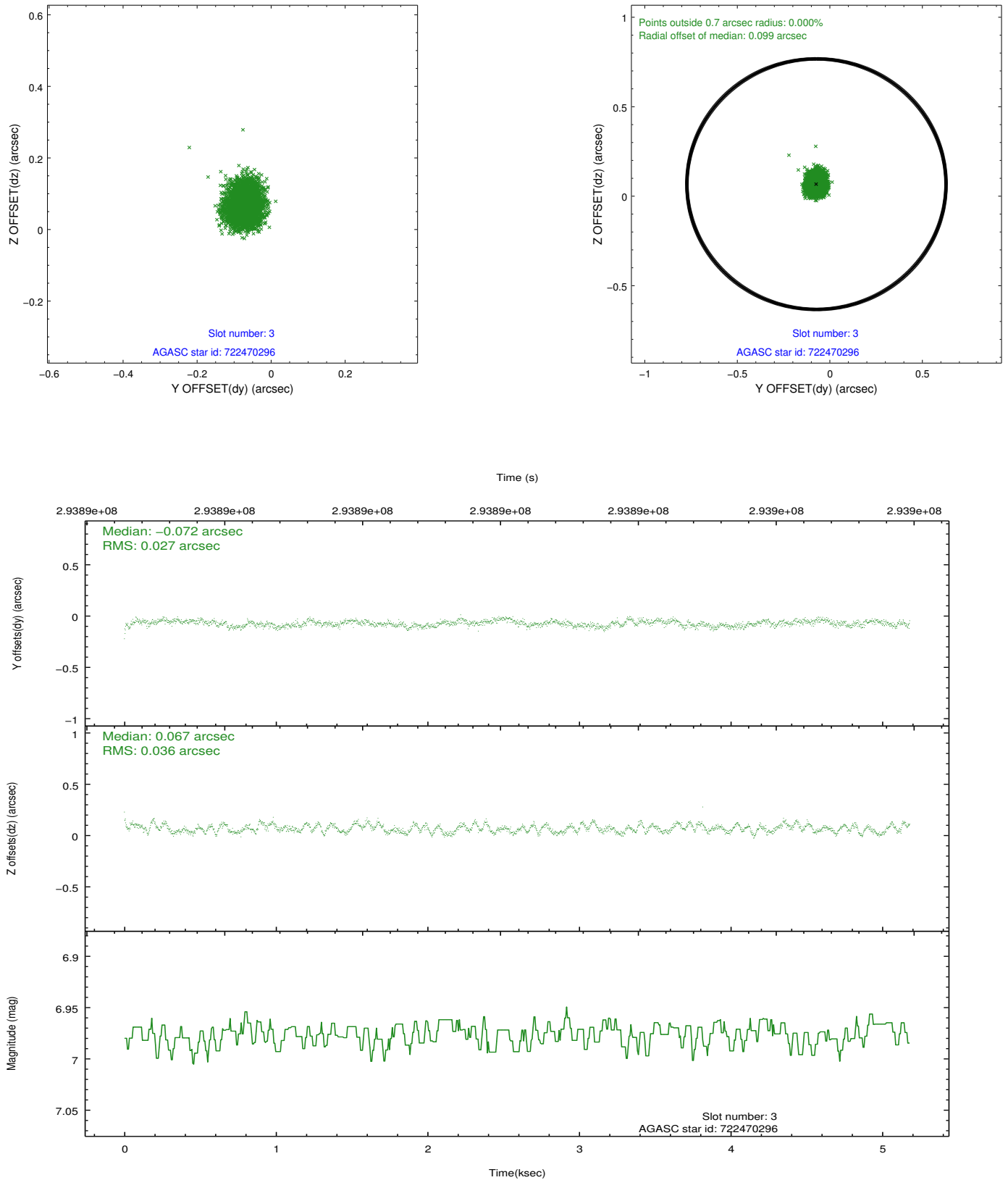


Slot Statistics

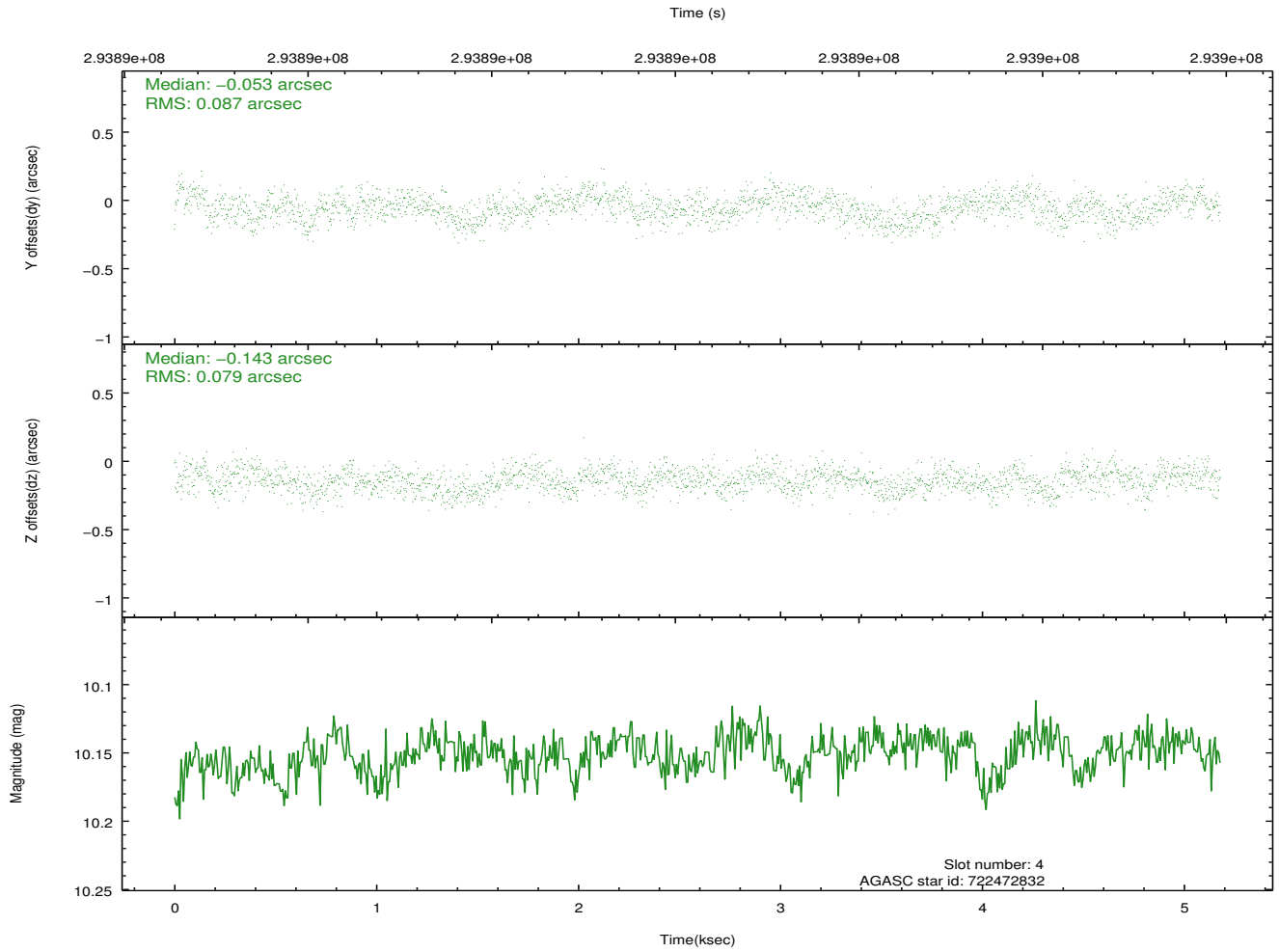
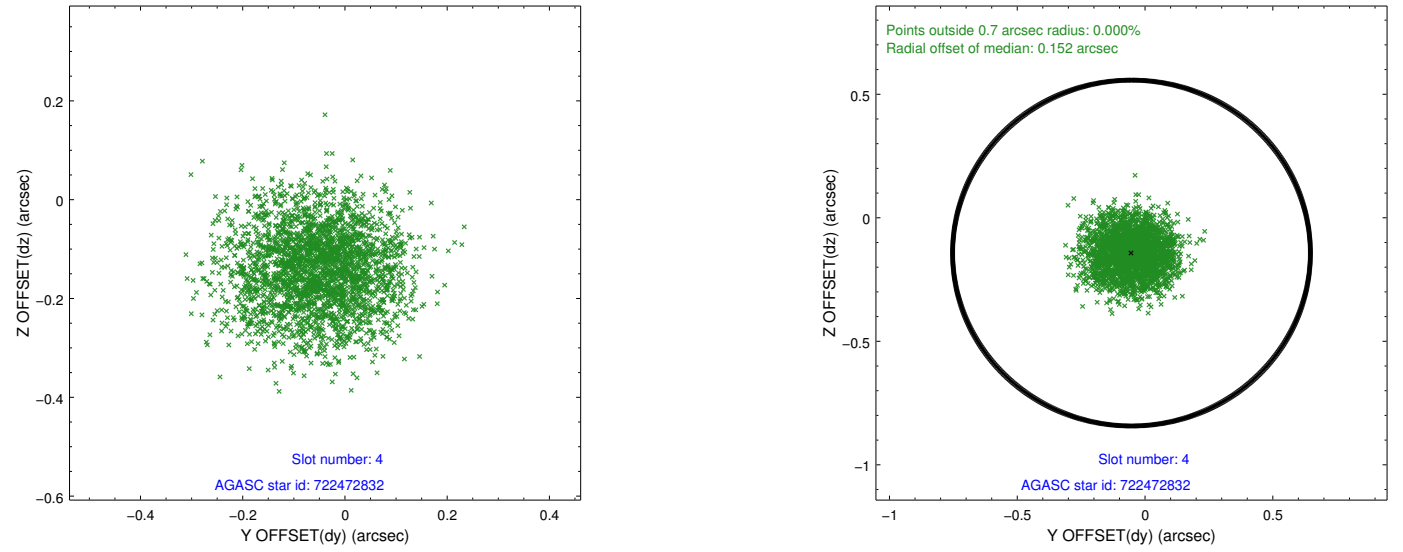
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1264	0.042	0.012	0.007	0.011	0.000000	0.000000	929.87	-1730.44
1	FID	ACIS-S-2	7.10	1264	-0.132	-0.055	0.007	0.014	0.000000	0.000000	-765.56	-1736.22
2	FID	ACIS-S-4	7.19	1263	0.064	0.049	0.007	0.013	0.000000	0.000000	2146.66	172.50
3	GUIDE	722470296	6.98	2528	-0.072	0.067	0.048	0.072	172.921689	-12.381367	-457.83	-161.34
4	GUIDE	722472832	10.15	2526	-0.053	-0.143	0.129	0.199	173.078970	-12.015349	-1821.59	266.30
5	GUIDE	722473176	9.48	2524	-0.044	0.062	0.117	0.183	172.599746	-12.066793	-1478.79	-1395.84
6	GUIDE	722871728	9.67	2523	0.085	0.052	0.114	0.185	173.202235	-12.568355	120.00	882.79
7	GUIDE	722873464	7.32	2527	0.076	-0.038	0.071	0.121	172.661543	-13.050266	2026.29	-842.98

2.4 Star Slots

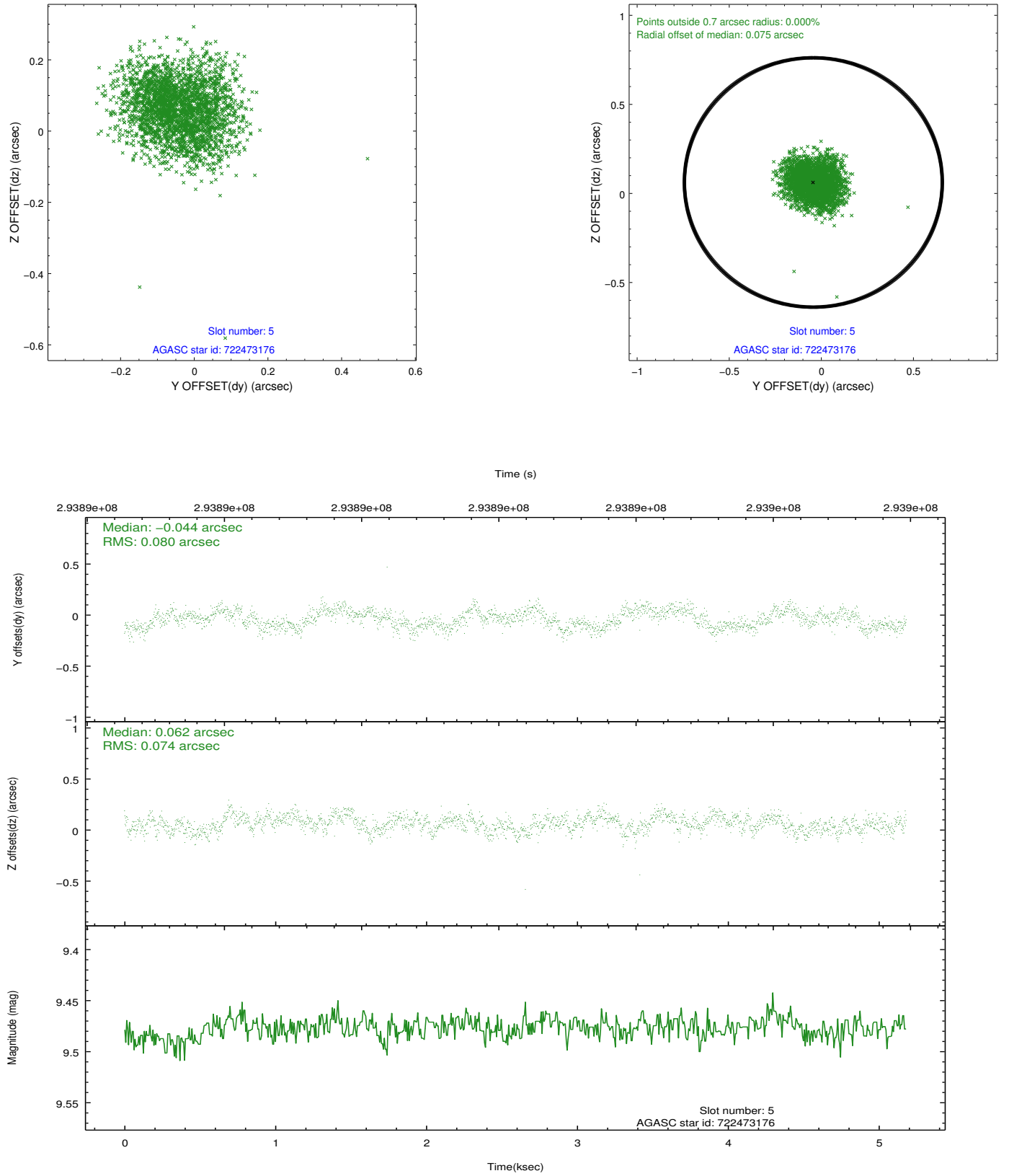
2.4.1 Slot 3



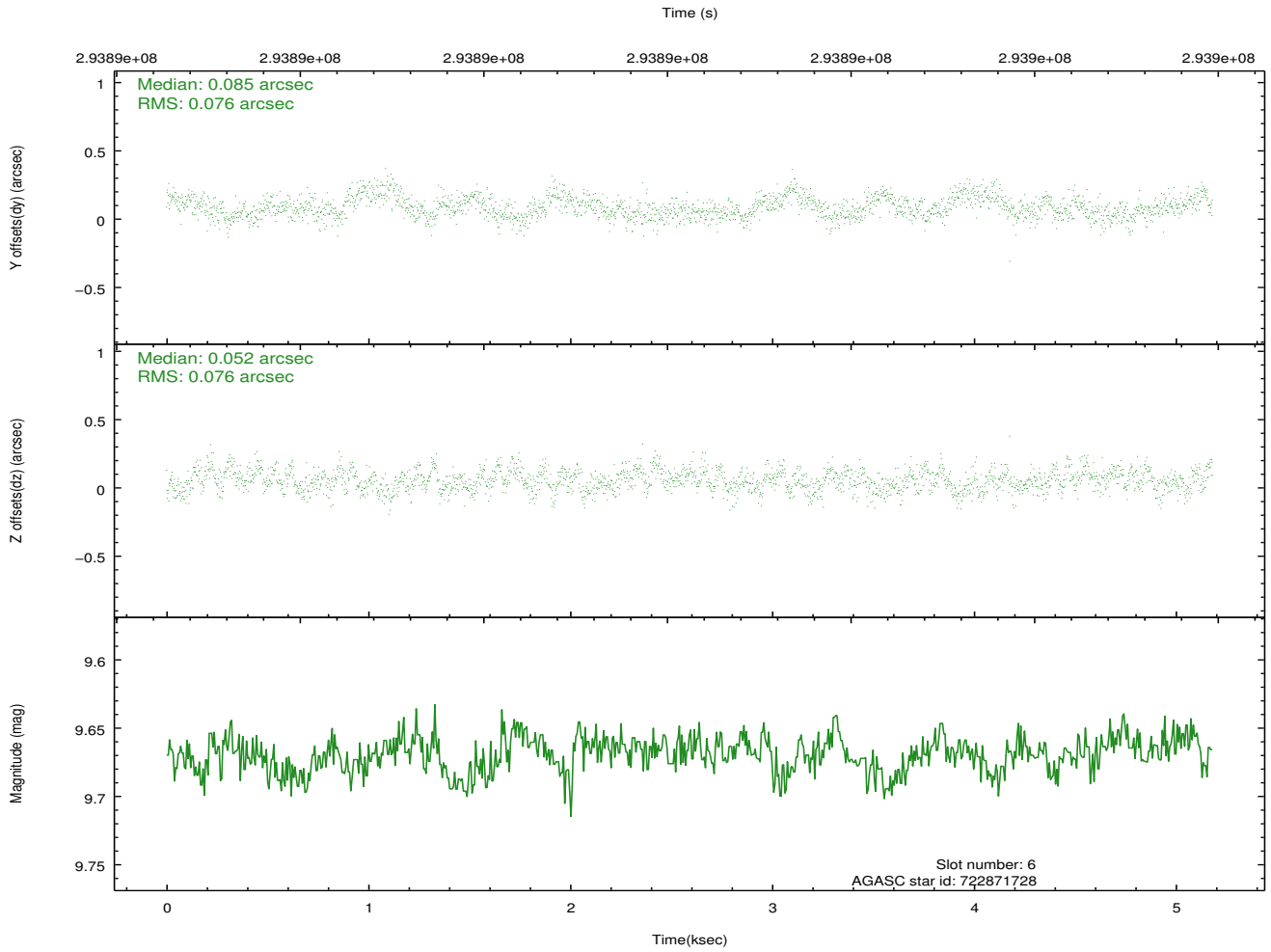
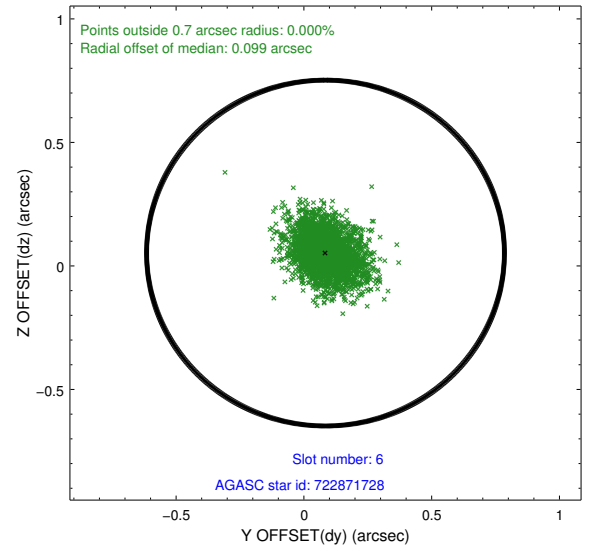
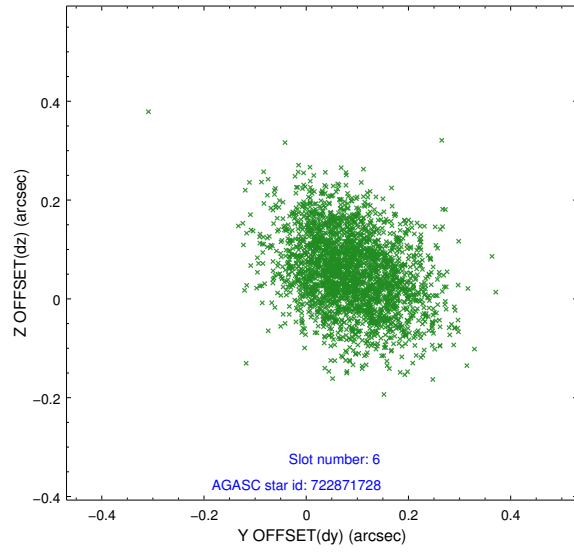
2.4.2 Slot 4



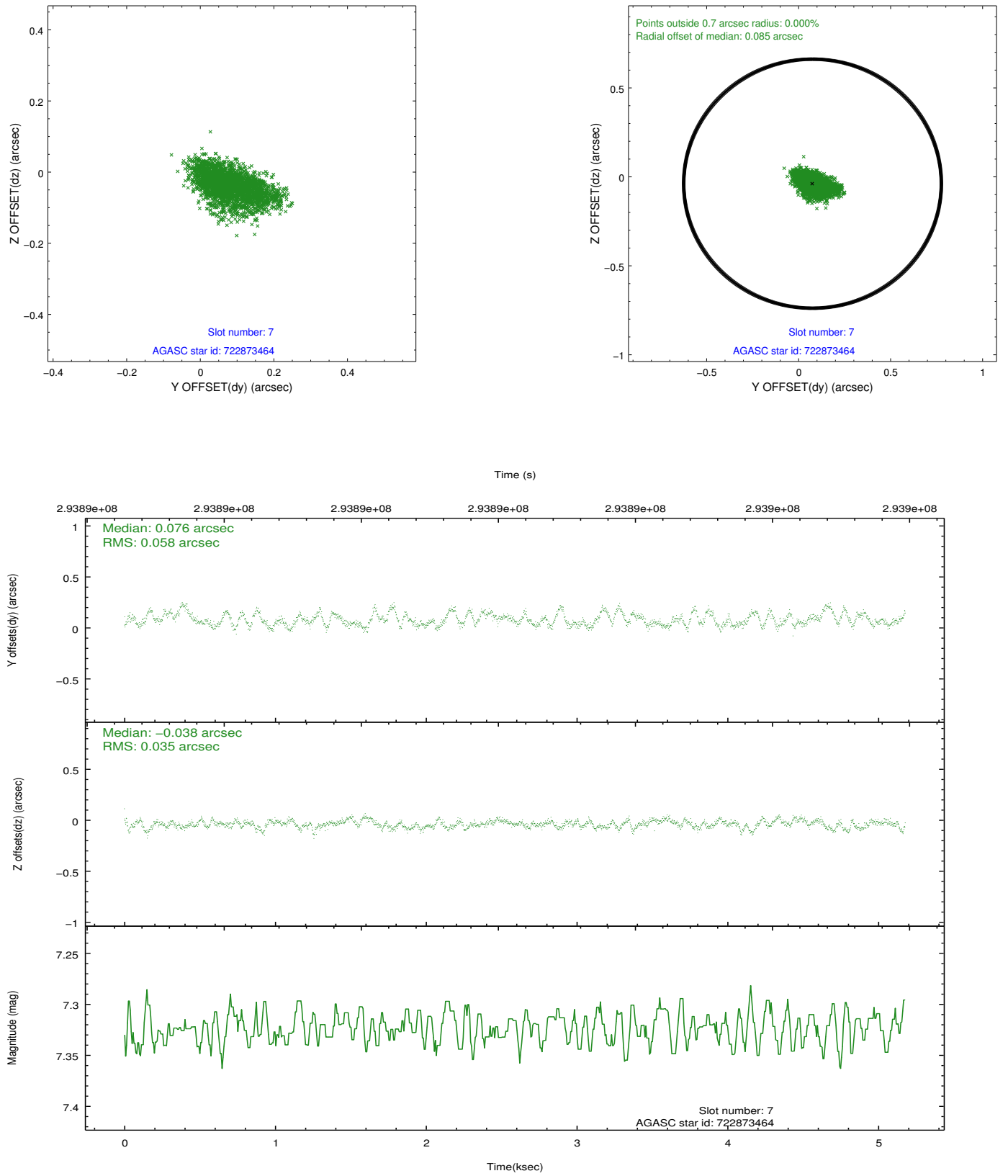
2.4.3 Slot 5



2.4.4 Slot 6

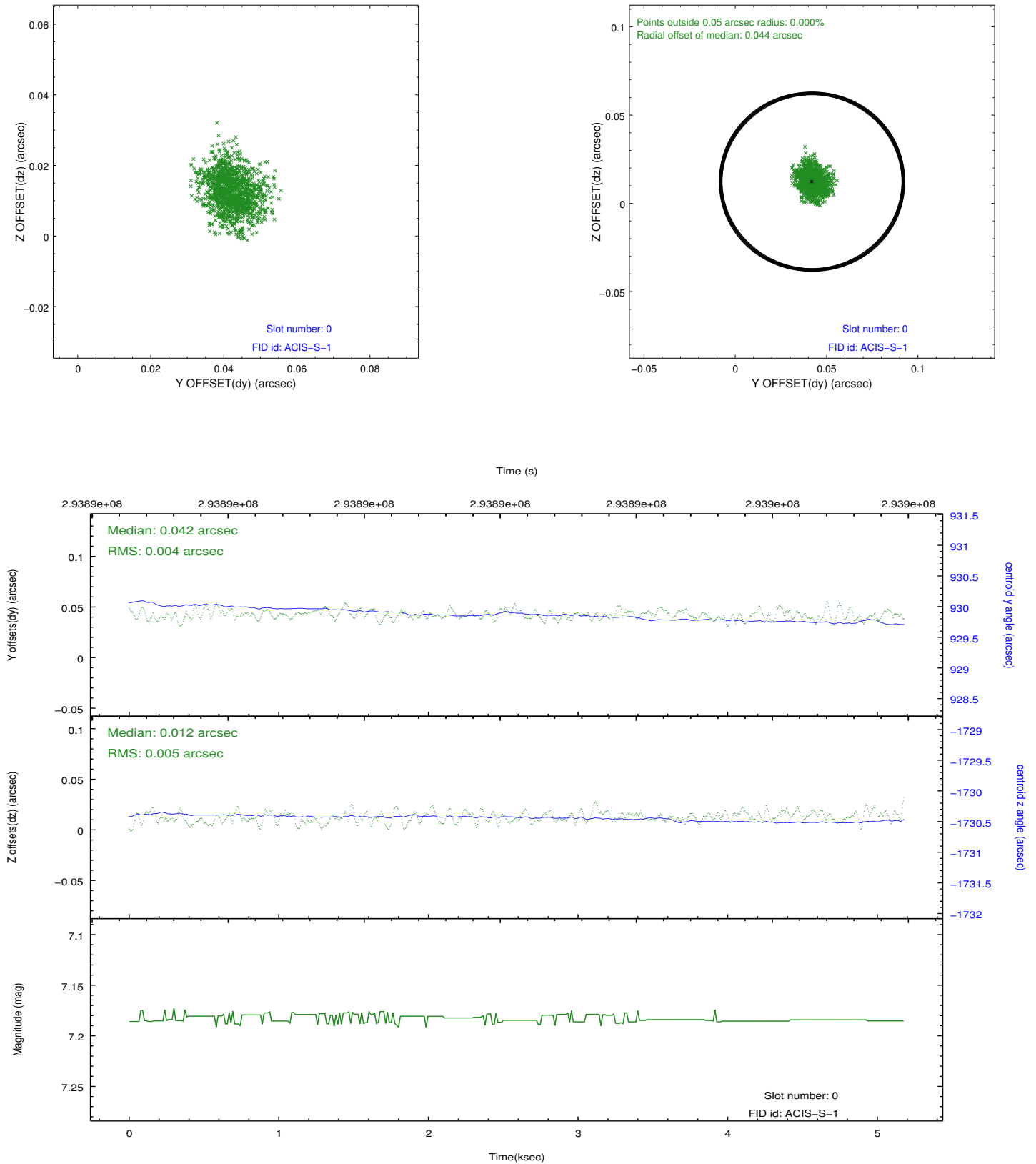


2.4.5 Slot 7

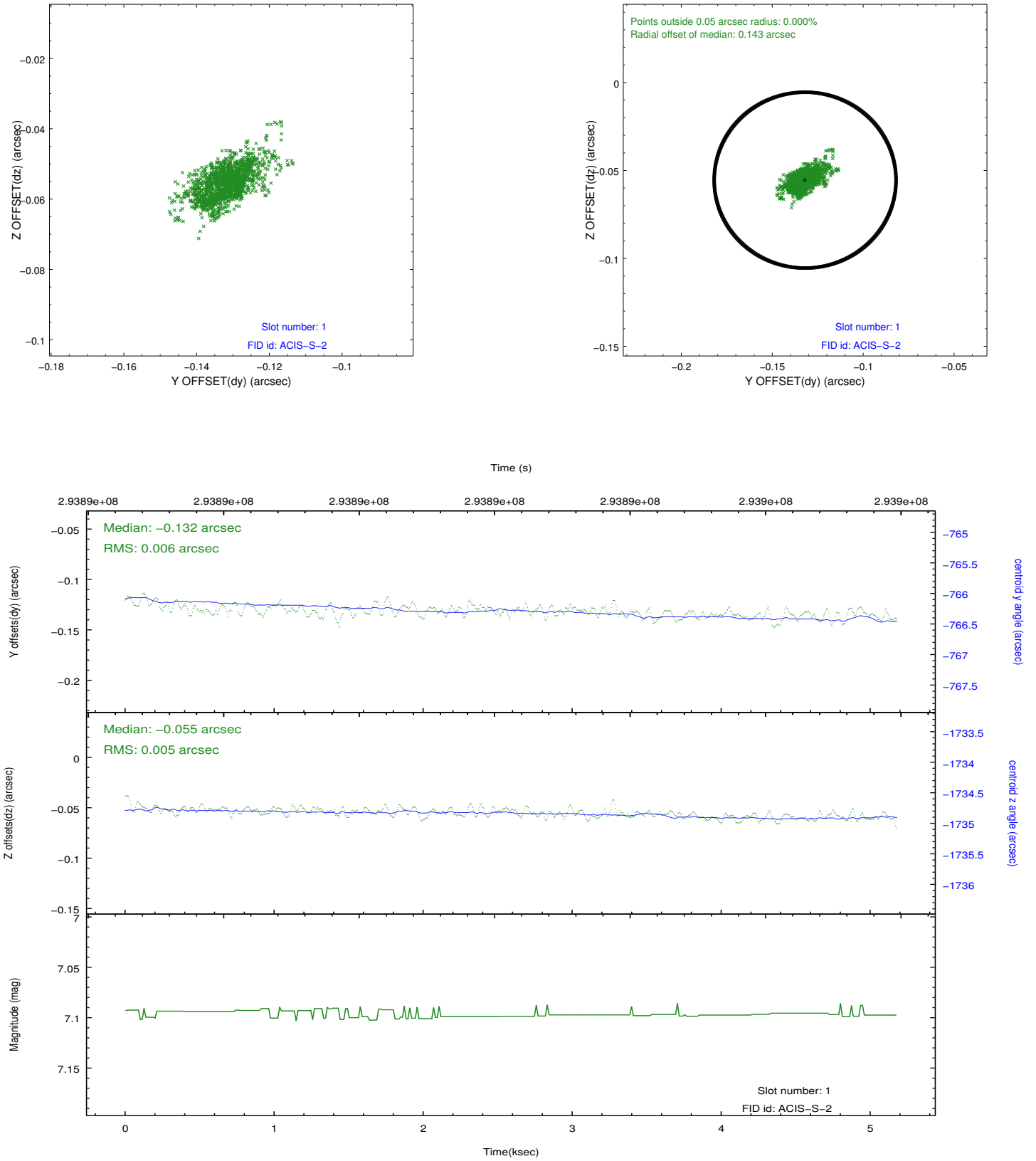


2.5 FID Slots

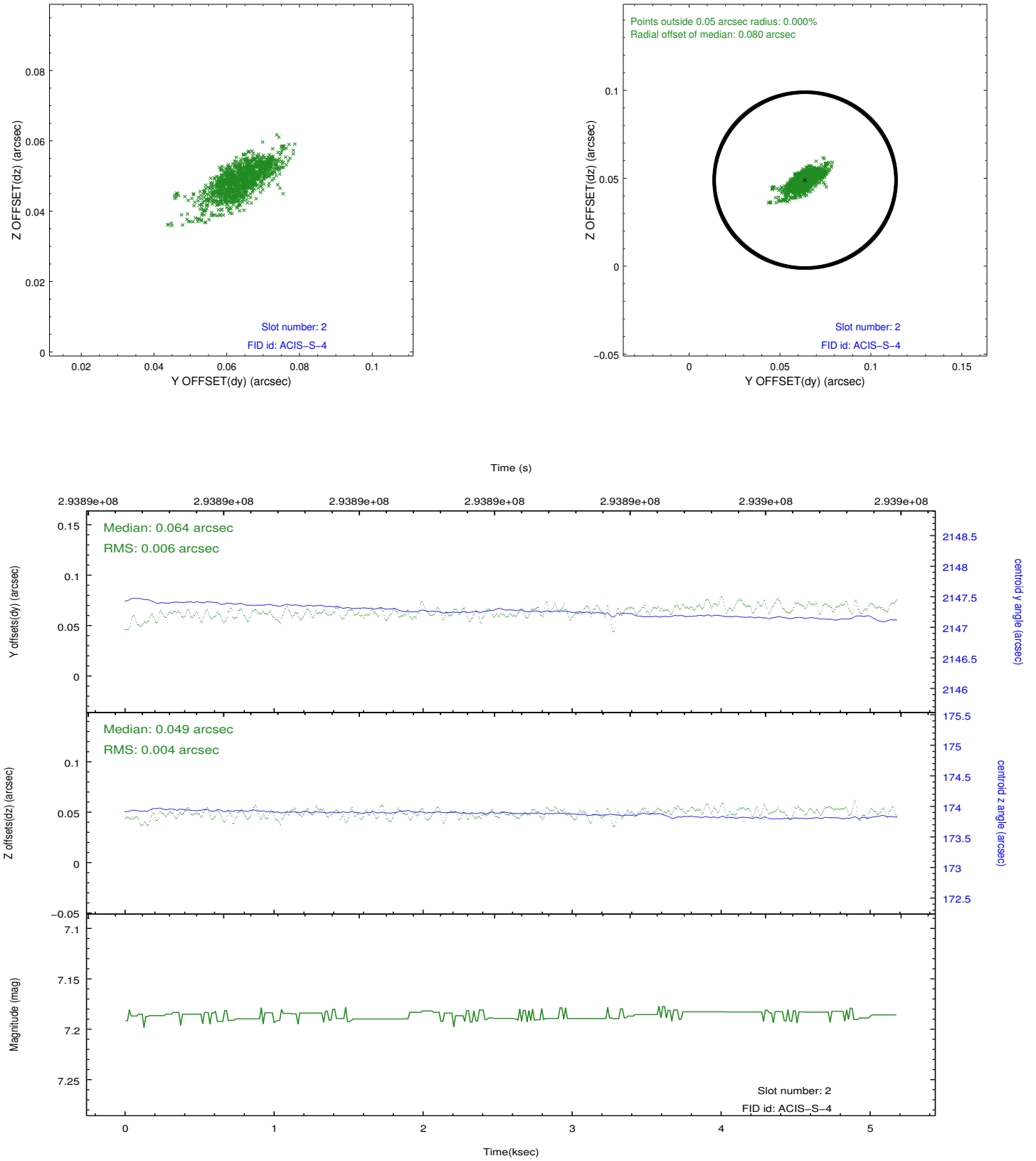
2.5.1 Slot 0



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)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17959969

A.2 Comments

Joint proposal with HST.