

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2157 - L2 Version 001
Chandra X-Ray Center

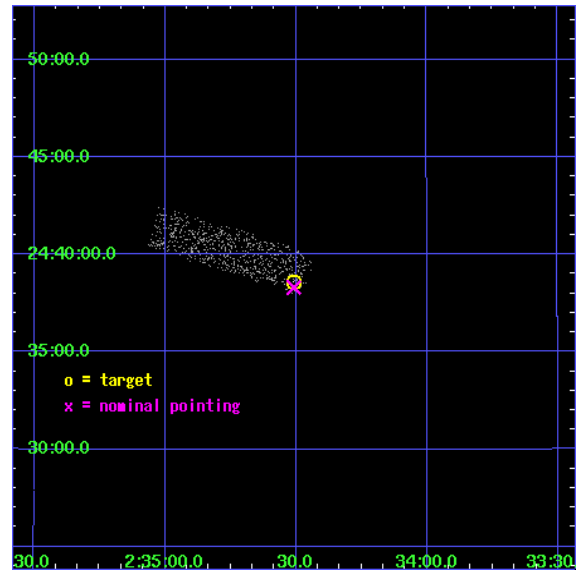
L2 Processing Date : Nov 4 2006

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1 Front

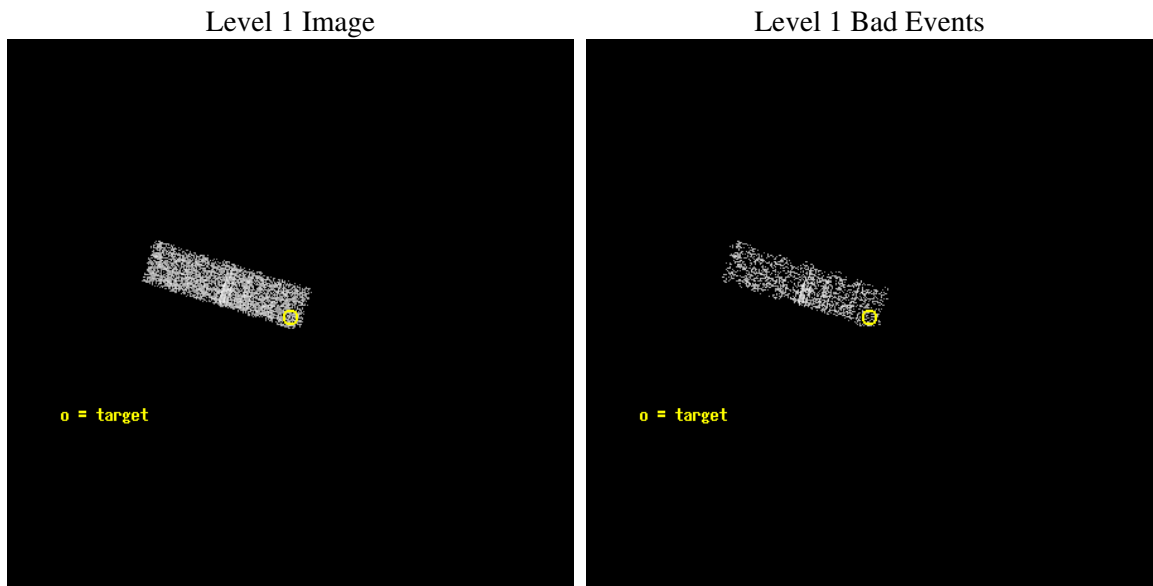
seq_num	700347
obs_id	2157
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ023430+2438
dtcycle	0
cycle	P
ra_targ	38.6275
dec_targ	24.643194
ra_nom	38.627035470834
dec_nom	24.638463958177
roll_nom	287.28499622813
revision	2
ontime	4137.5999845862
livetime	3935.6986441418
ontime3	4137.5999845862
l2events	771



2 OBI

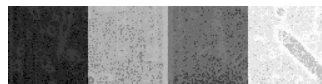
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T09:33:57
revision	2

sched_exp_time	4300.000000
ontime	4138.7046691328
ontime3	4138.7046691328
l1events	7805

2.1.4 Events

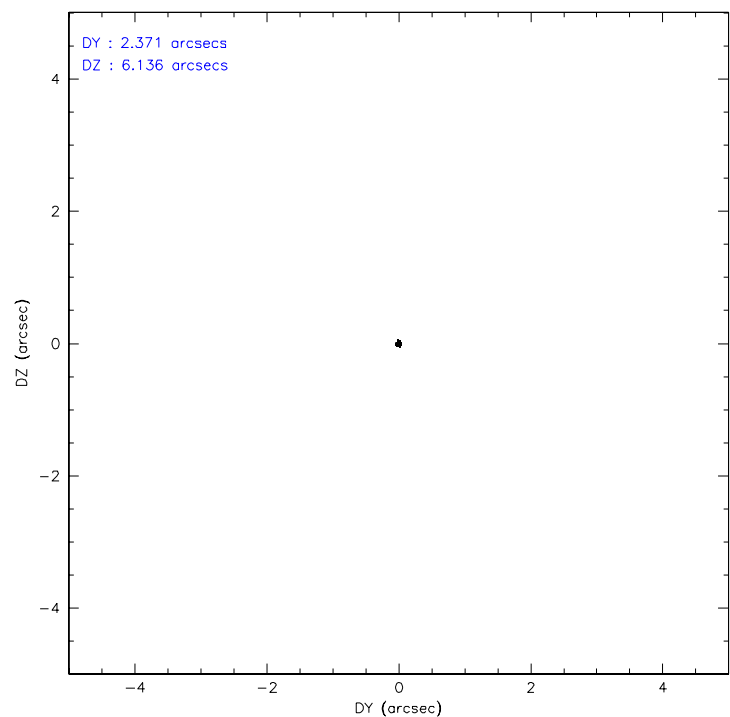
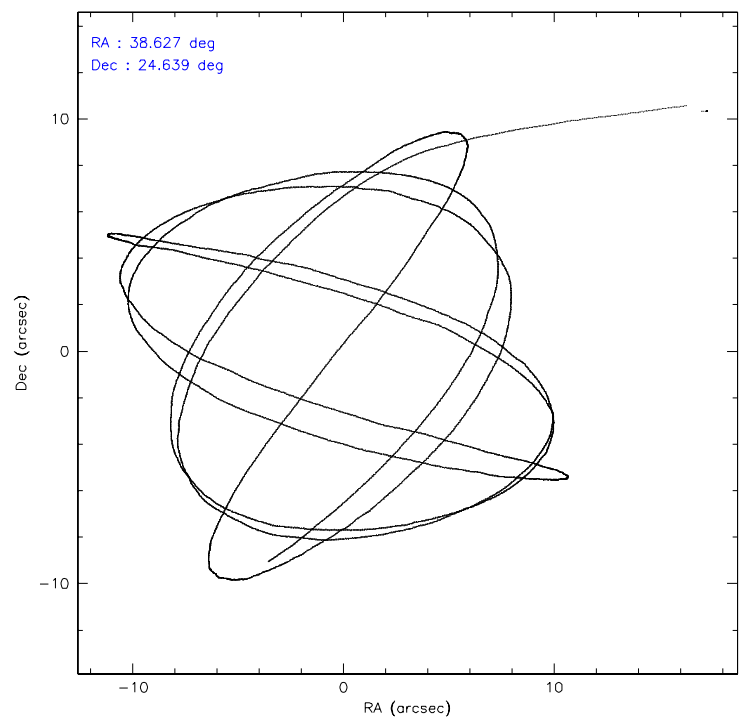
	ccd 3
level 1 events	7805
rejected events	6874
rejected %	88%

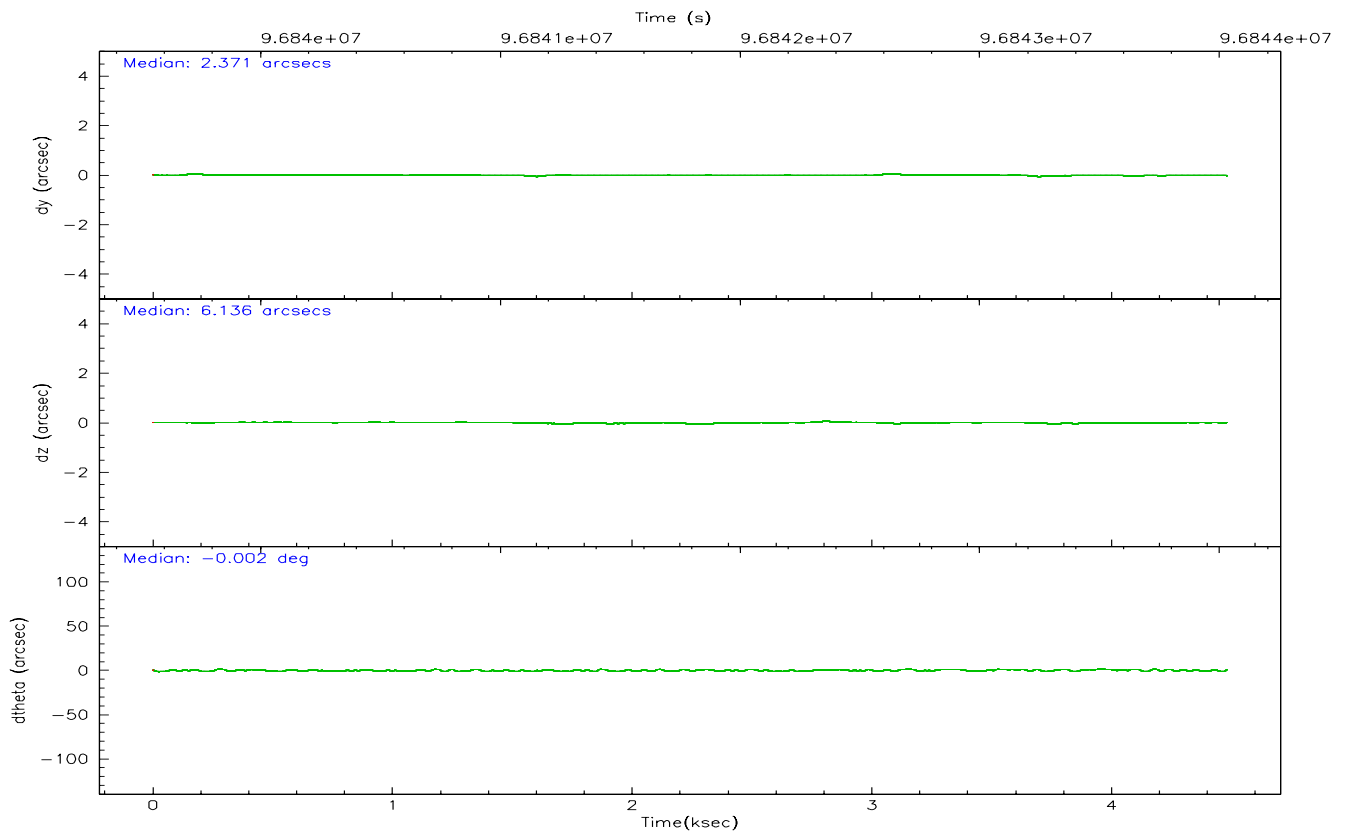
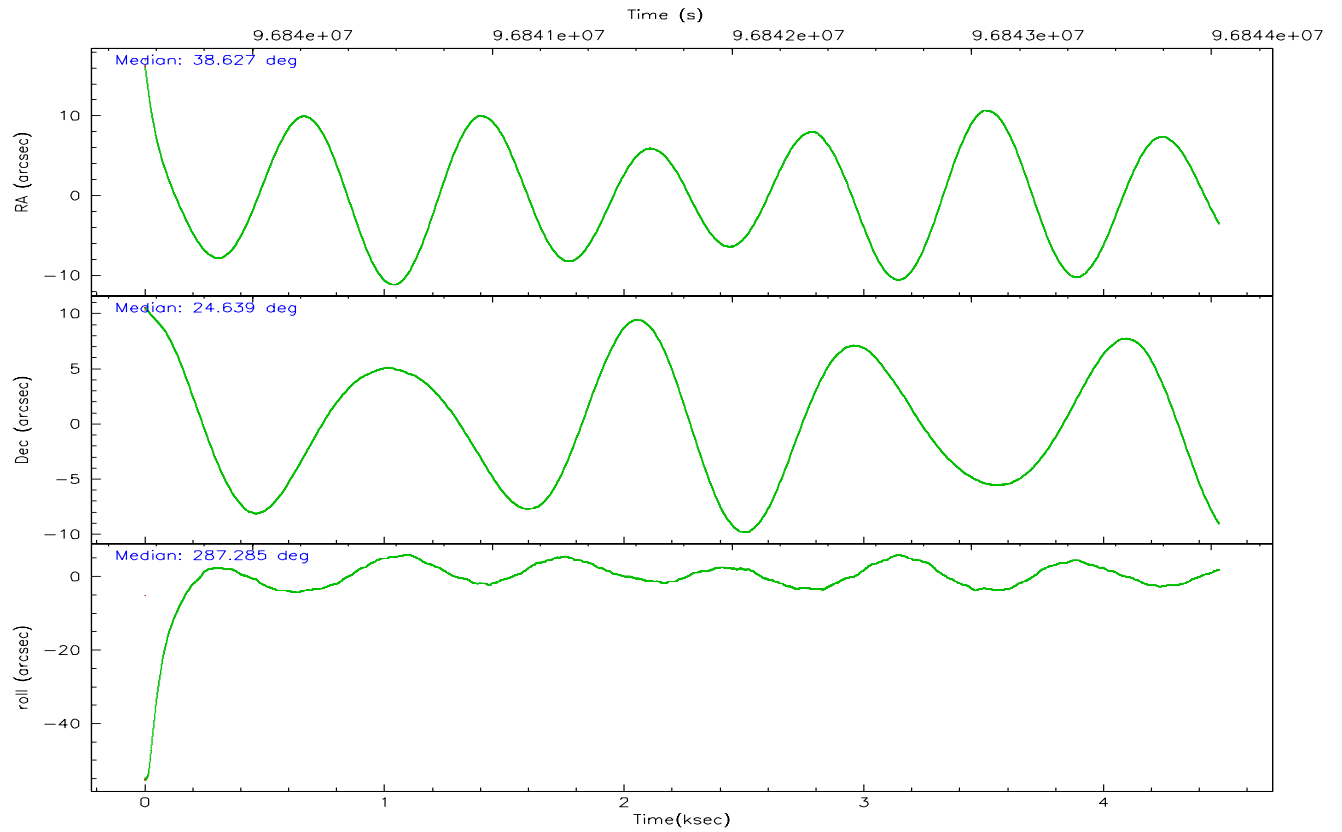
	ccd 3
grade 0 events	310
	3%
grade 1 events	1
	0%
grade 2 events	182
	2%
grade 3 events	152
	1%
grade 4 events	126
	1%
grade 5 events	228
	2%
grade 6 events	161
	2%
grade 7 events	6645
	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	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
Pointing RA	38.604773	38.62703547083374	Subarray requested	1/4	1/4
Pointing Dec	24.657078	24.63846395817669	Subarray start row	0	769
Pointing Roll	287.085697	287.2849962281265	Subarray row count	1024	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	96839734.184000	96839032.39610501			
Observation start date	2001-01-25T19:54:30	2001-01-25T19:43:52			
Observation end time	96844034.184000	96844513.07131501			
Observation end date	2001-01-25T21:06:10	2001-01-25T21:15:13			
Read mode	TIMED	TIMED			

2.3 Aspect



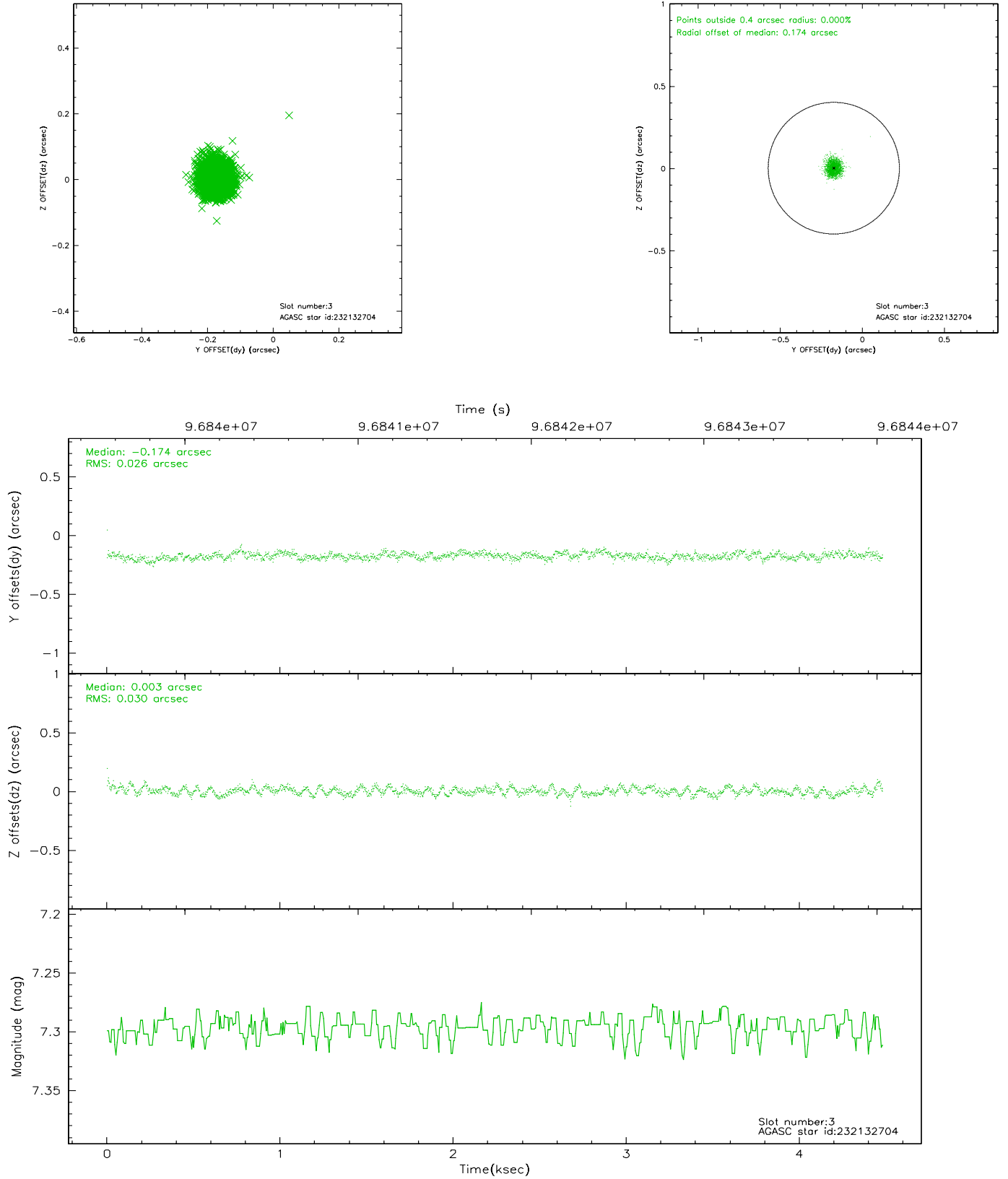


Slot Statistics

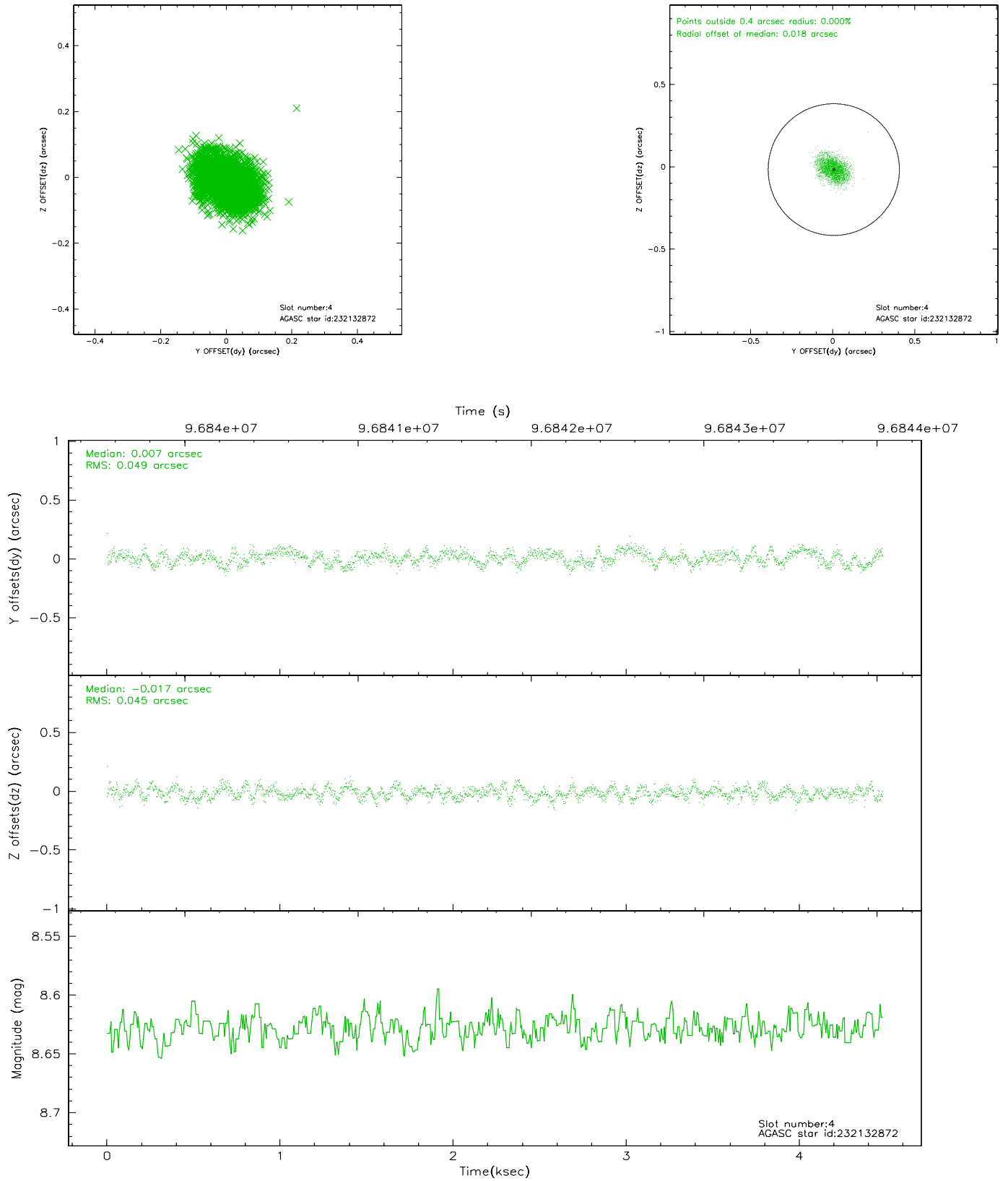
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1092	-0.021	-0.026	0.009	0.016	0.000000	0.000000	-756.76	-835.89
1	FID	ACIS-I-4	7.18	1094	-0.066	0.028	0.006	0.010	0.000000	0.000000	2156.64	1069.64
2	FID	ACIS-I-5	7.23	1094	-0.014	0.067	0.008	0.015	0.000000	0.000000	-1808.80	1069.10
3	GUIDE	232132704	7.30	2187	-0.174	0.003	0.042	0.066	38.639596	25.015828	-1200.10	488.29
4	GUIDE	232132872	8.63	2187	0.007	-0.017	0.071	0.112	38.661286	24.892760	-756.11	426.20
5	GUIDE	231606152	9.13	2184	0.163	0.058	0.070	0.114	39.231809	24.207684	2147.91	1494.63
6	GUIDE	232139376	9.31	2185	0.108	-0.066	0.070	0.114	38.384648	24.434242	556.61	-924.28
7	GUIDE	232132888	9.22	2186	-0.104	0.022	0.069	0.115	38.450959	25.274530	-2270.65	174.32

2.4 Star Slots

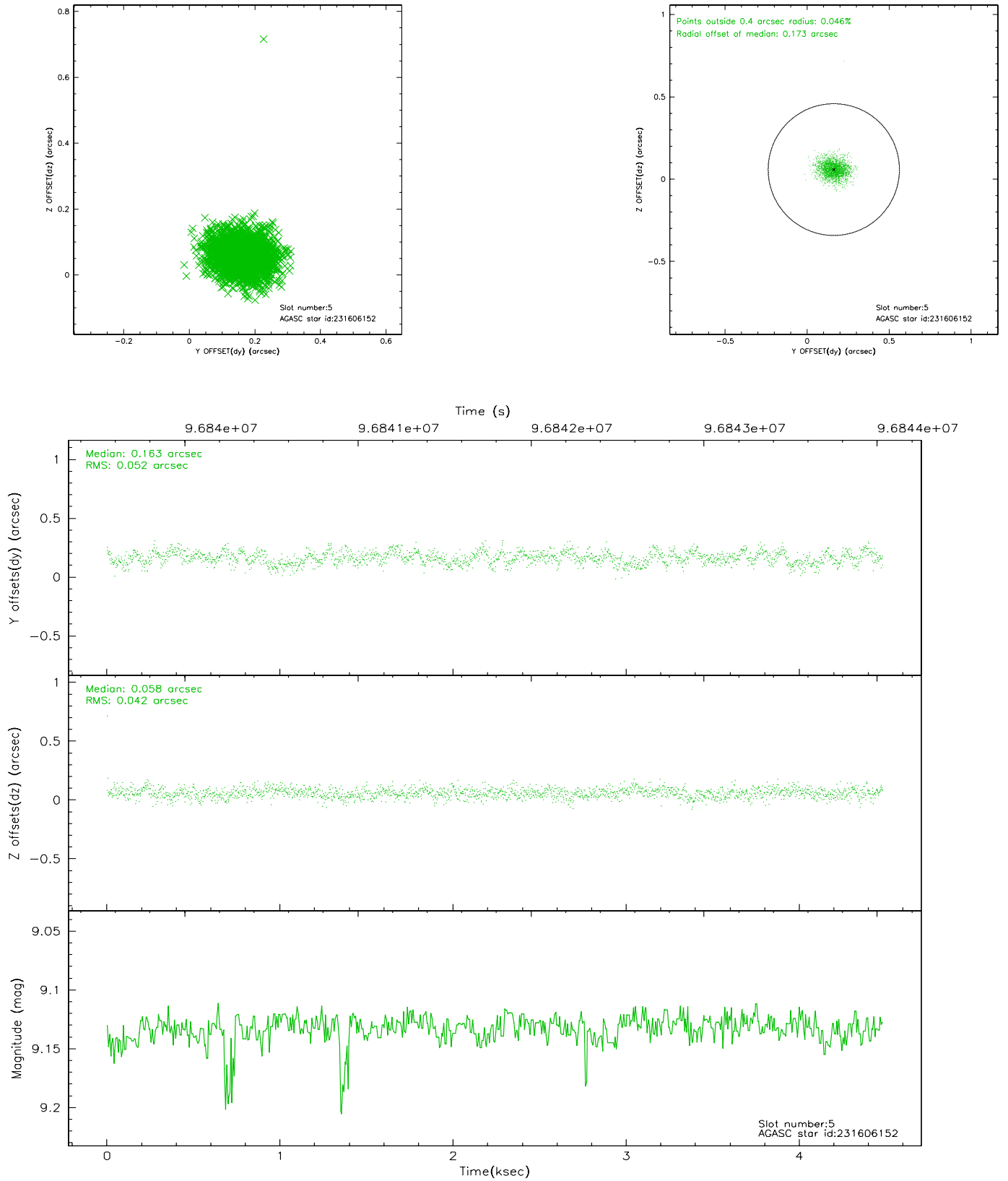
2.4.1 Slot 3



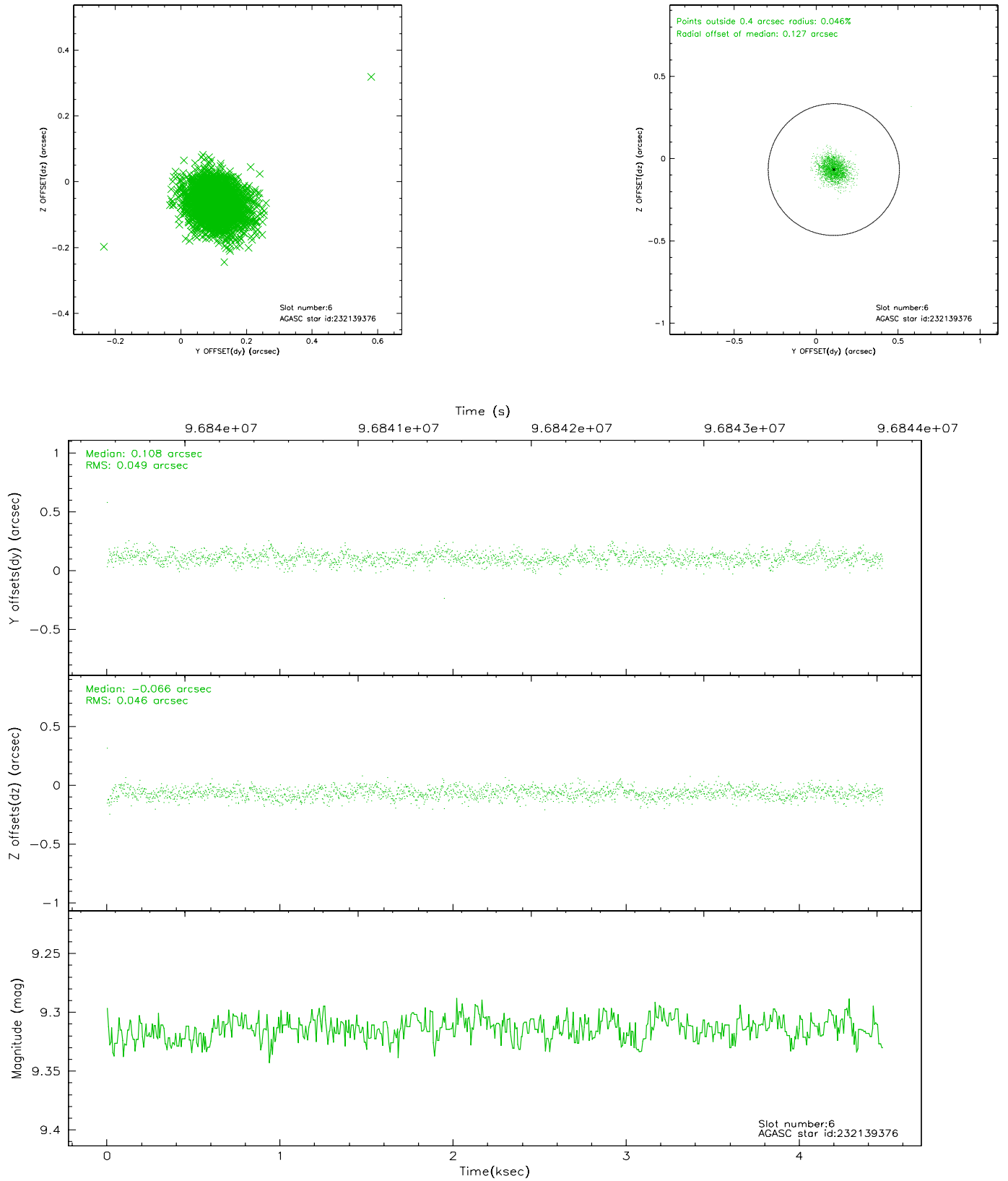
2.4.2 Slot 4



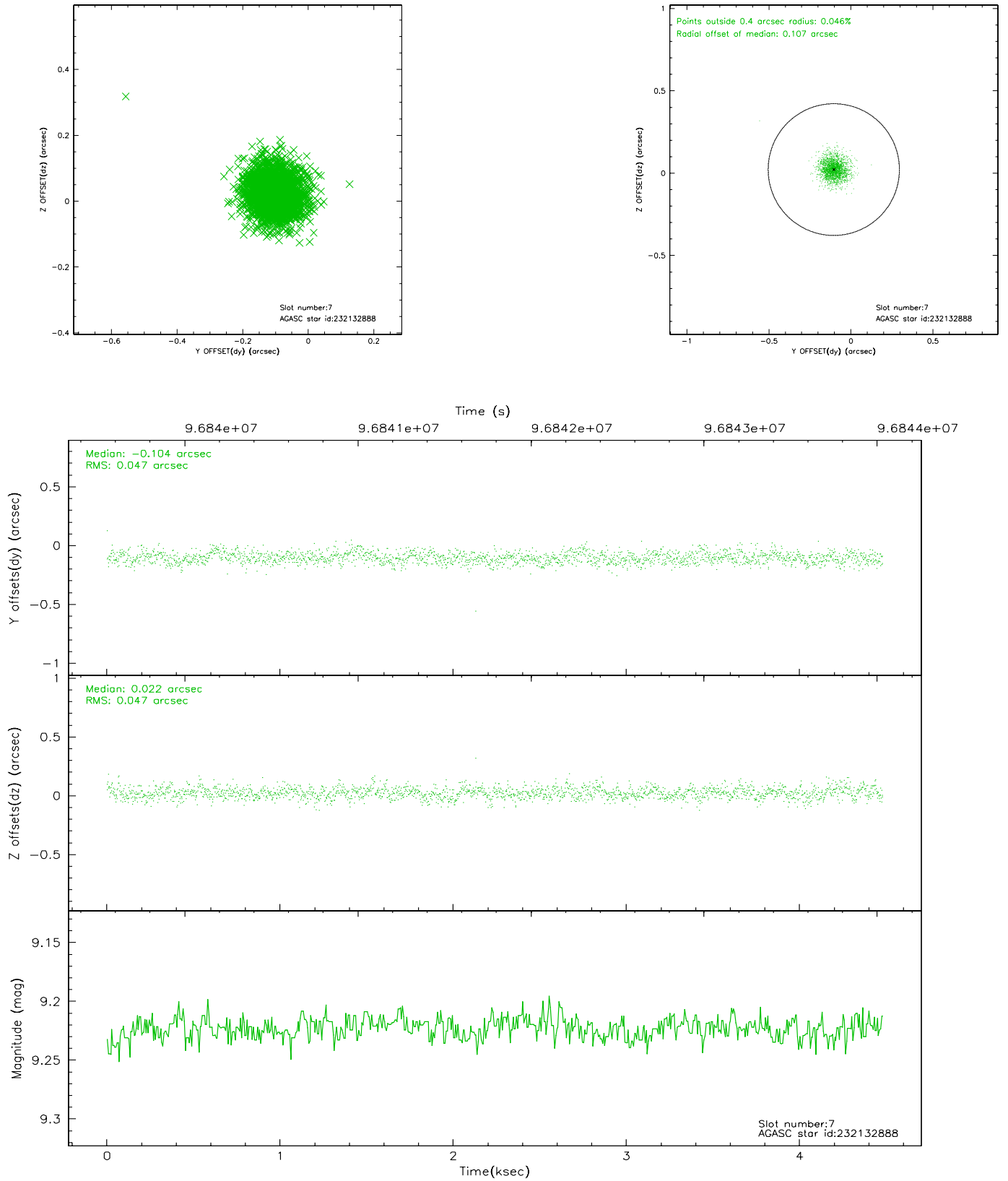
2.4.3 Slot 5



2.4.4 Slot 6

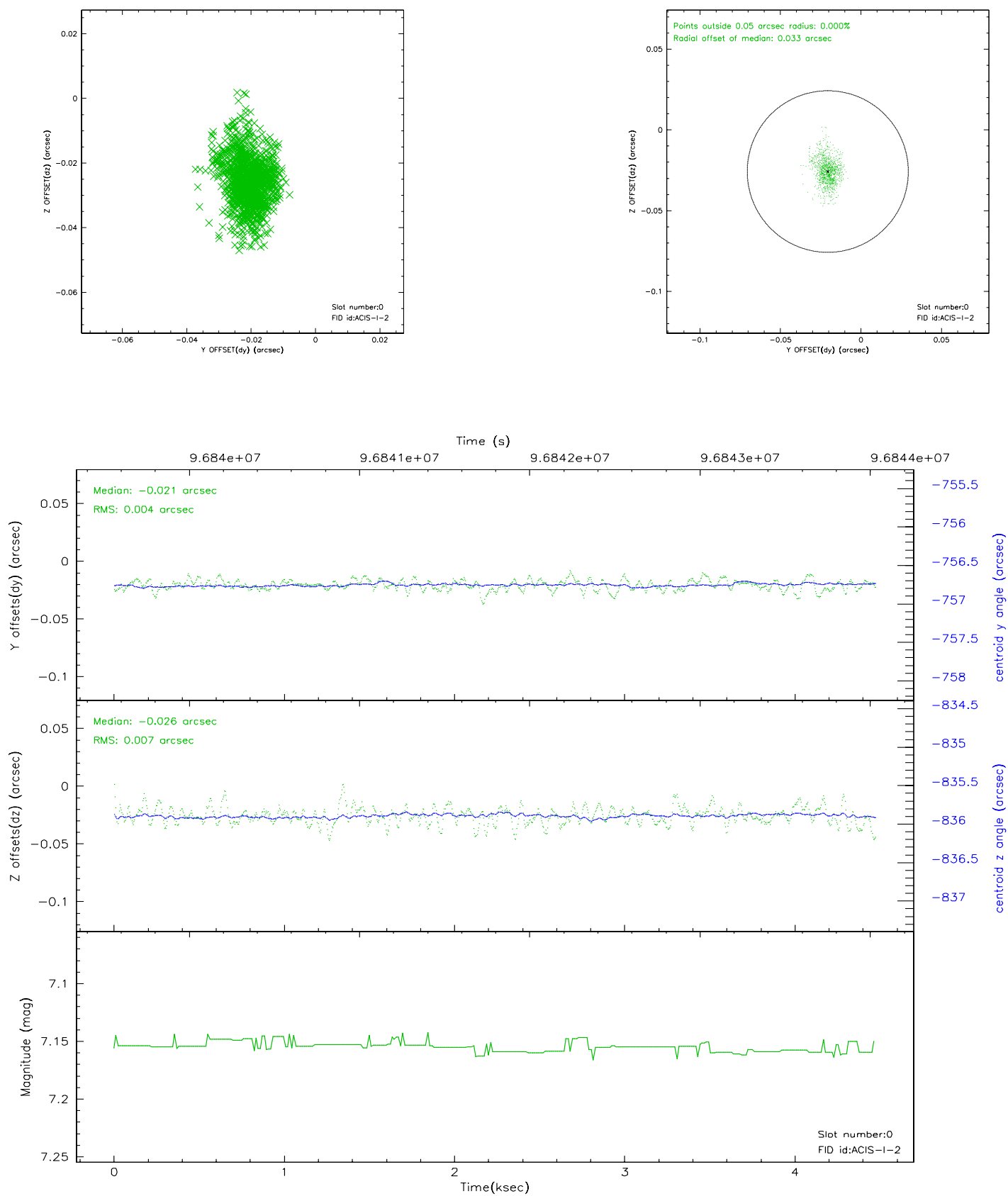


2.4.5 Slot 7

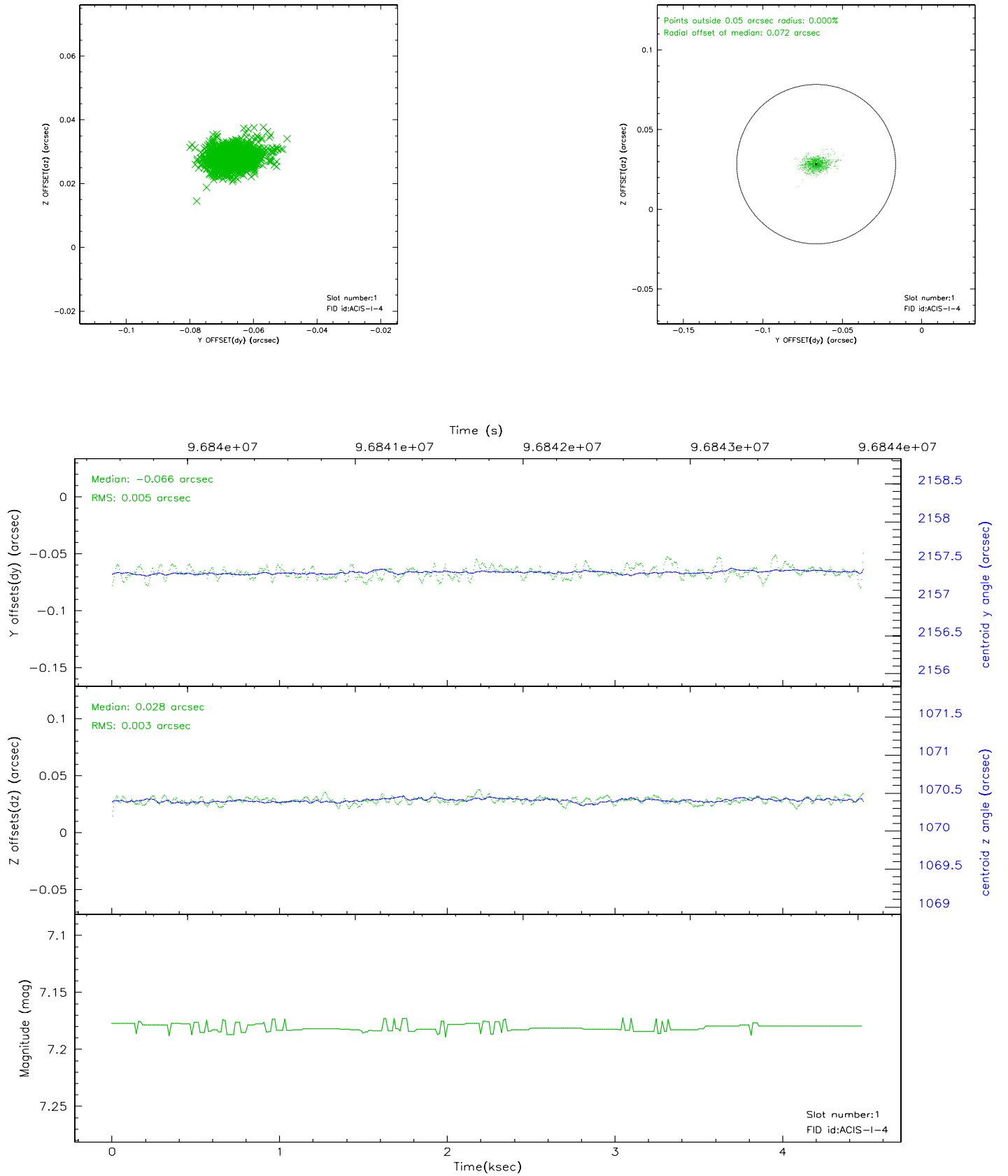


2.5 FID Slots

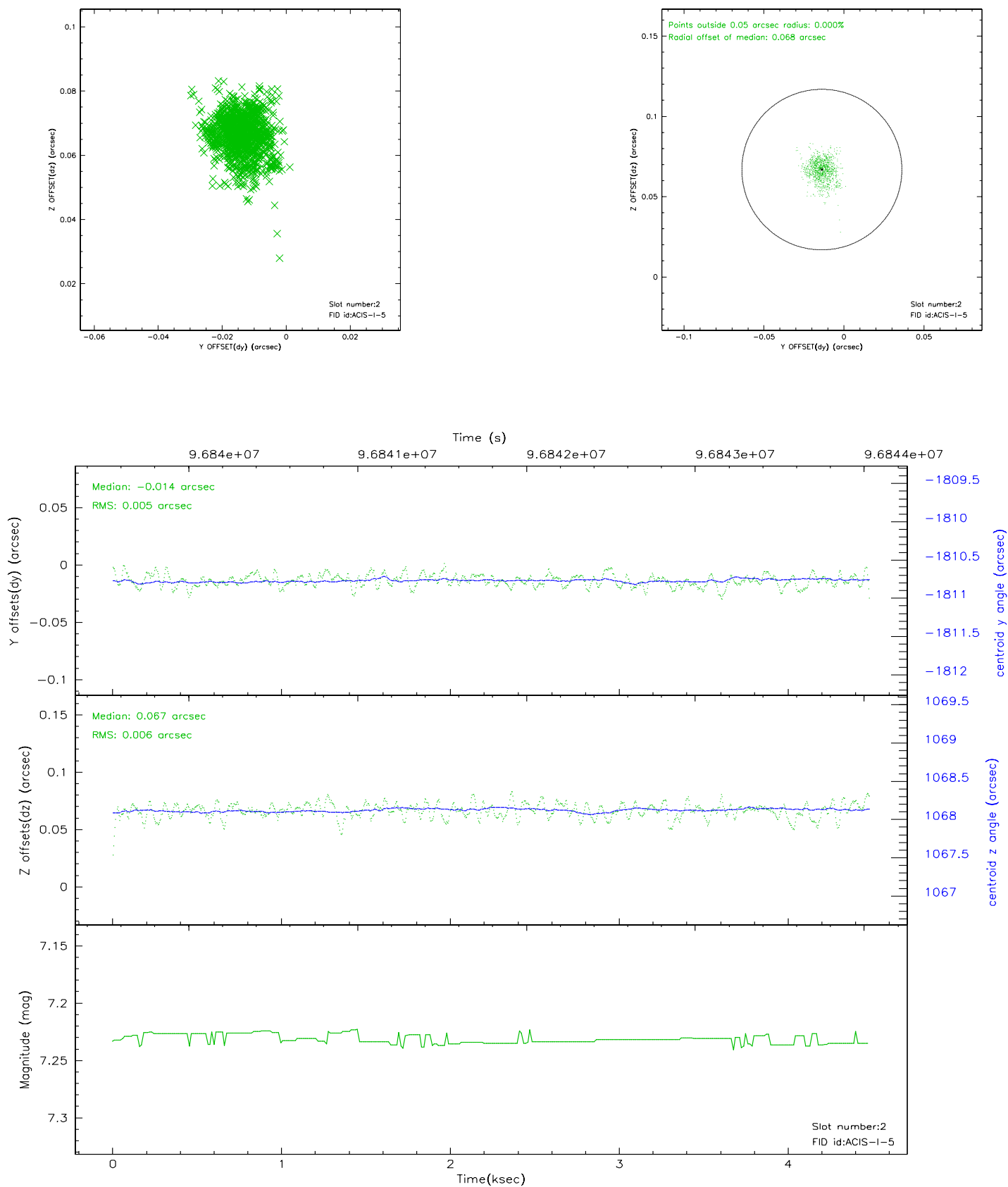
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.138

A.2 Comments