

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5898 - L2 Version 002
Chandra X-Ray Center

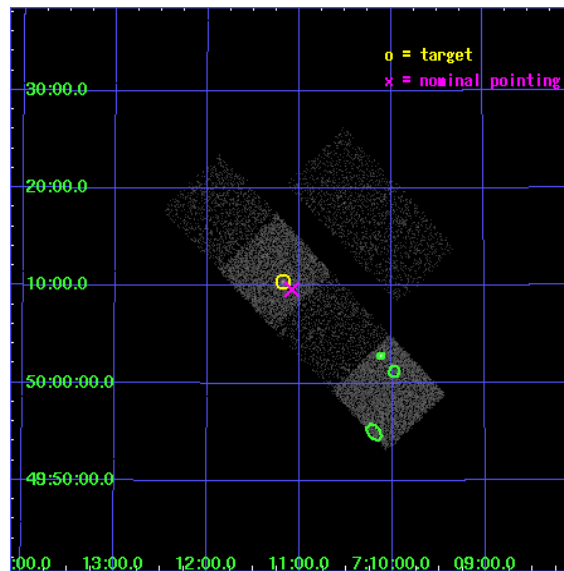
L2 Processing Date: Feb 21 2006

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1 Front

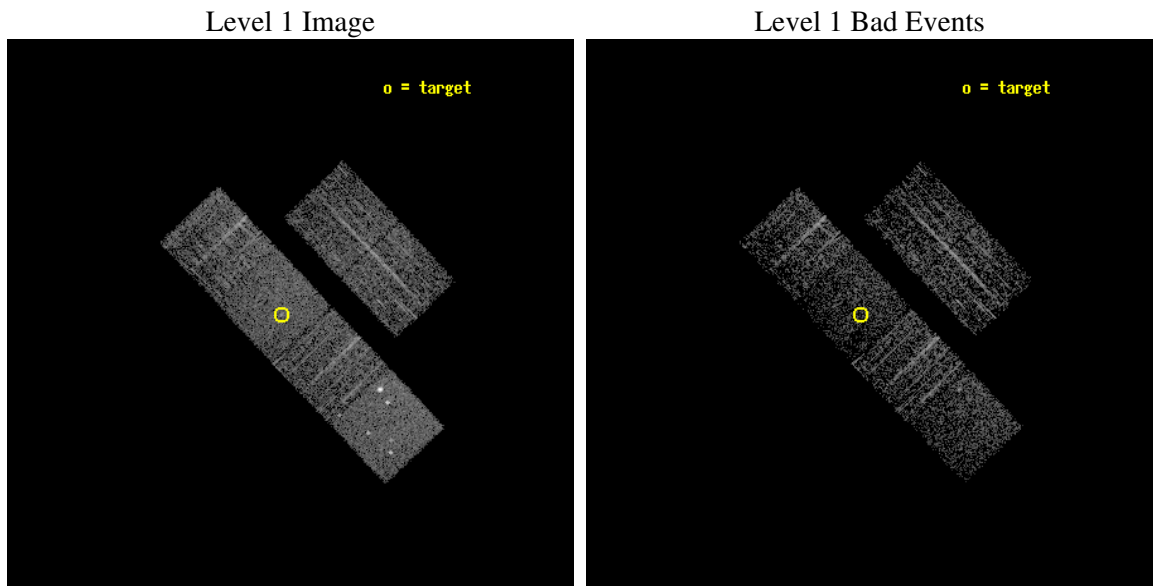
seq_num	600417
obs_id	5898
title	Snapshot Observations of X-ray Bright Early-Type Galaxies
observer	Dr. Steven Murray
object	NGC2340
dtcycle	0
cycle	P
ra_targ	107.795
dec_targ	50.174722
ra_nom	107.77097704221
dec_nom	50.161078181222
roll_nom	226.49596508921
revision	2
ontime	1942.399992764
livetime	1917.8041544828
ontime2	1942.399992764
ontime3	1942.399992764
ontime5	1942.399992764
ontime6	1942.399992764
ontime7	1942.399992764
ontime8	1942.399992764
l2events	19143



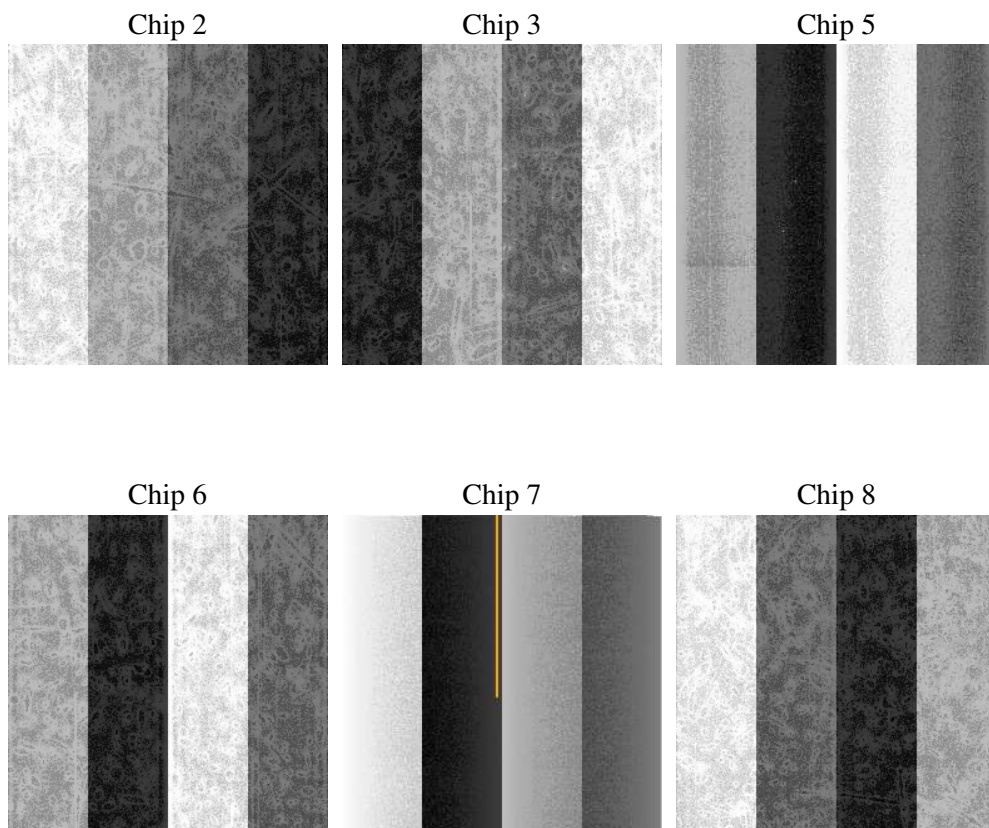
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-21T22:16:23
revision	2

sched_exp_time	2000.000000
ontime	1947.8495482206
ontime2	1947.8495482206
ontime3	1947.8495482206
ontime5	1947.8495482206
ontime6	1947.8495283127
ontime7	1947.8495482206
ontime8	1947.8495482206
llevents	82836

2.1.4 Events

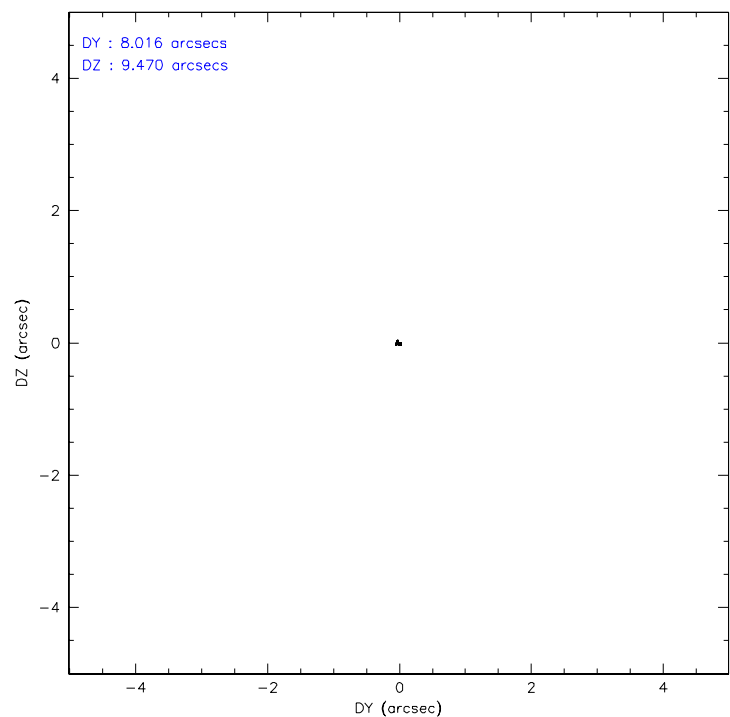
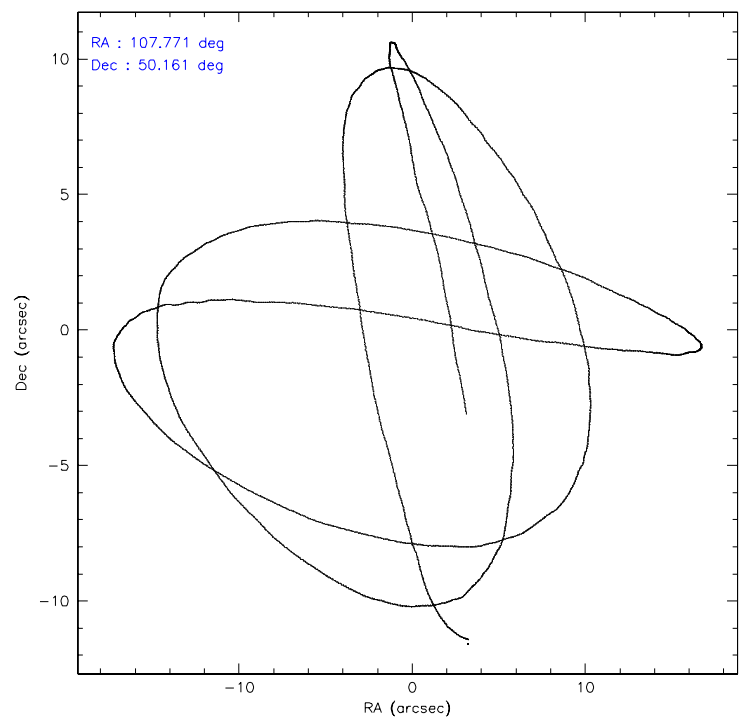
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	12473	11083	18403	13070	13637	14170
rejected events	11199	9912	8635	11551	7612	10961
rejected %	89%	89%	46%	88%	55%	77%

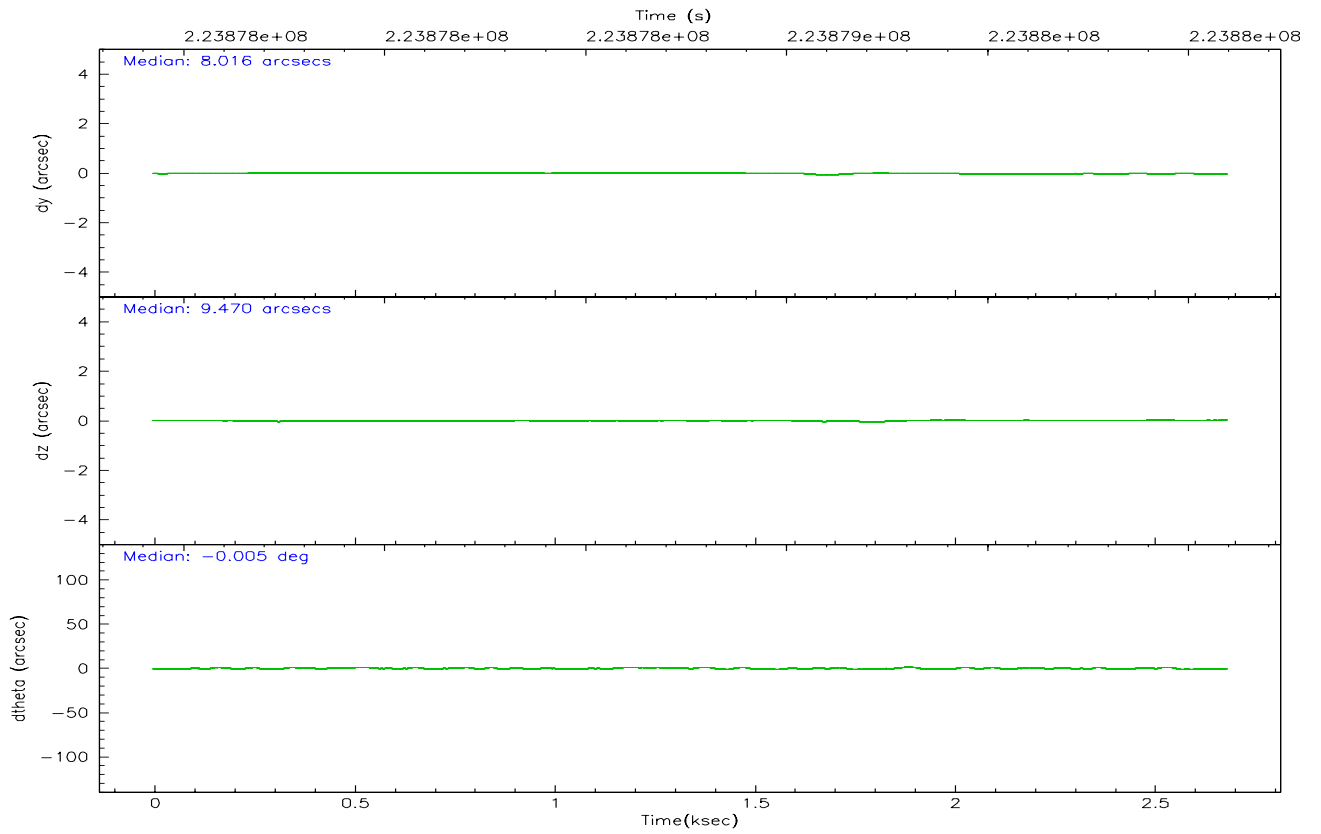
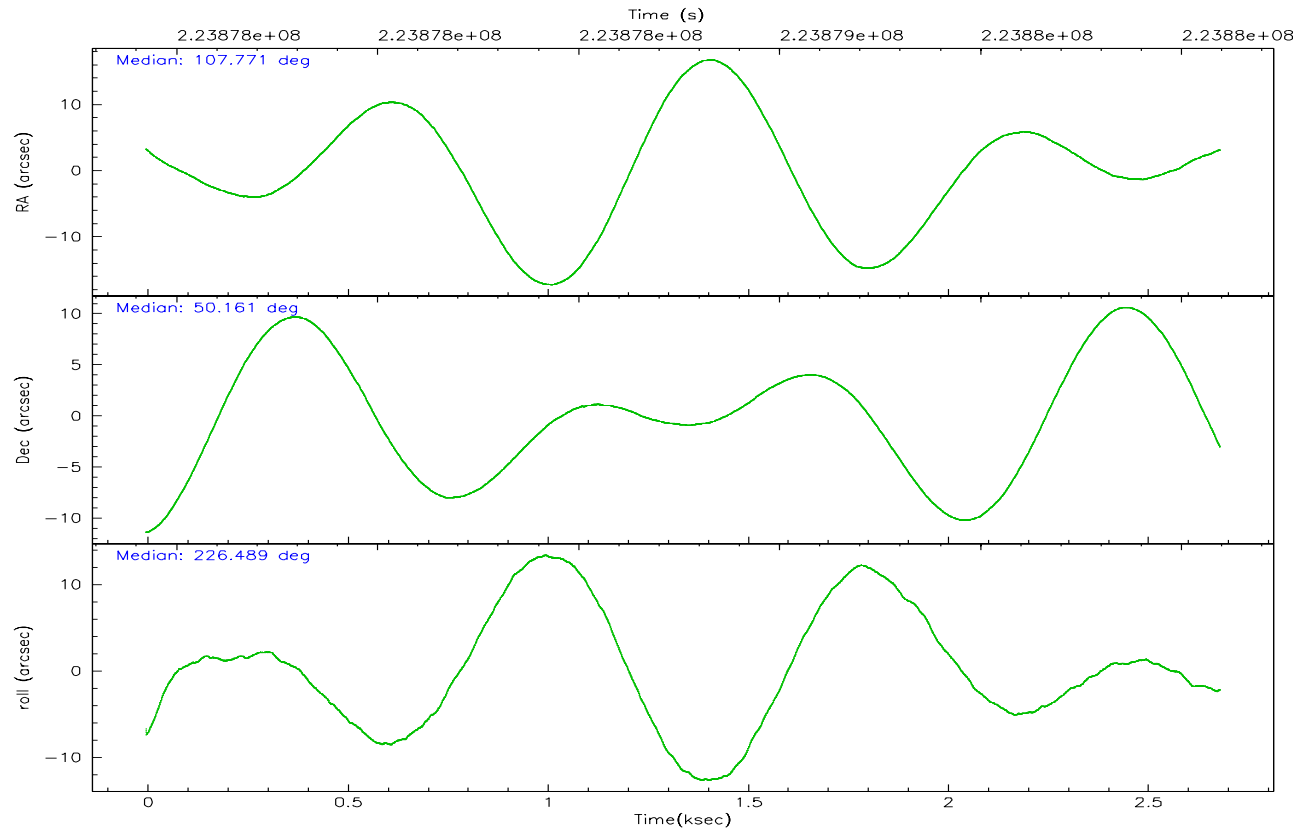
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	481	475	1601	660	497	986
	3%	4%	8%	5%	3%	6%
grade 1 events	4	6	27	7	3	5
	0%	0%	0%	0%	0%	0%
grade 2 events	271	216	2985	265	1558	748
	2%	1%	16%	2%	11%	5%
grade 3 events	139	135	261	160	340	297
	1%	1%	1%	1%	2%	2%
grade 4 events	132	115	282	167	343	273
	1%	1%	1%	1%	2%	1%
grade 5 events	400	451	887	493	1016	664
	3%	4%	4%	3%	7%	4%
grade 6 events	255	232	4661	270	3306	912
	2%	2%	25%	2%	24%	6%
grade 7 events	10791	9453	7699	11048	6574	10285
	86%	85%	41%	84%	48%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	107.780183	107.770977042211	Alternating exposures requested	N	N
Pointing Dec	50.187468	50.16107818122211	Primary exposure time	0.000000	3.2
Pointing Roll	226.332254	226.4959650892087			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	223878104.184000	223876894.02023			
Observation start date	2005-02-04T04:20:40	2005-02-04T04:01:34			
Observation end time	223880104.184000	223880285.74538			
Observation end date	2005-02-04T04:54:00	2005-02-04T04:58:05			
Read mode	TIMED	TIMED			

2.3 Aspect



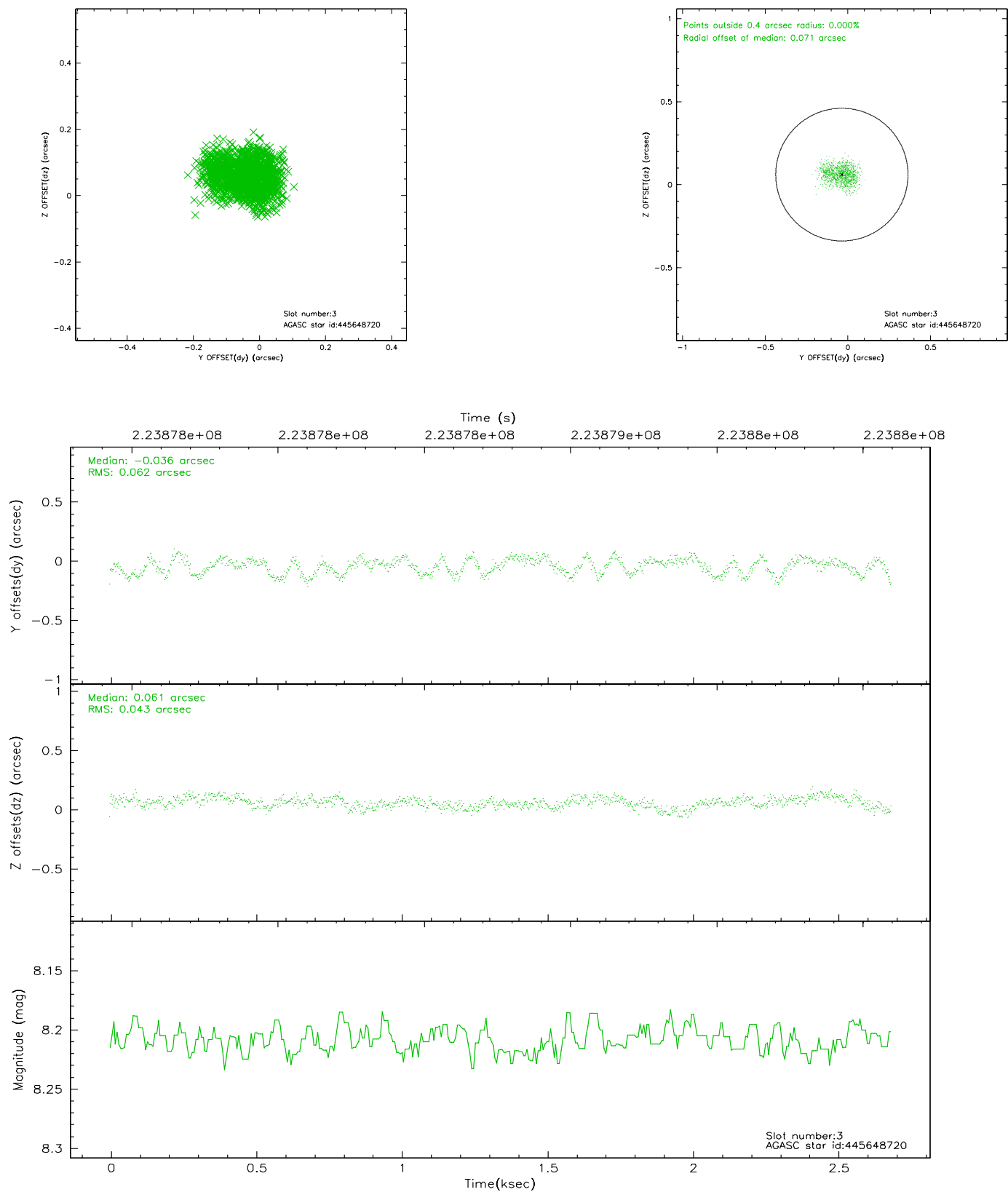


Slot Statistics

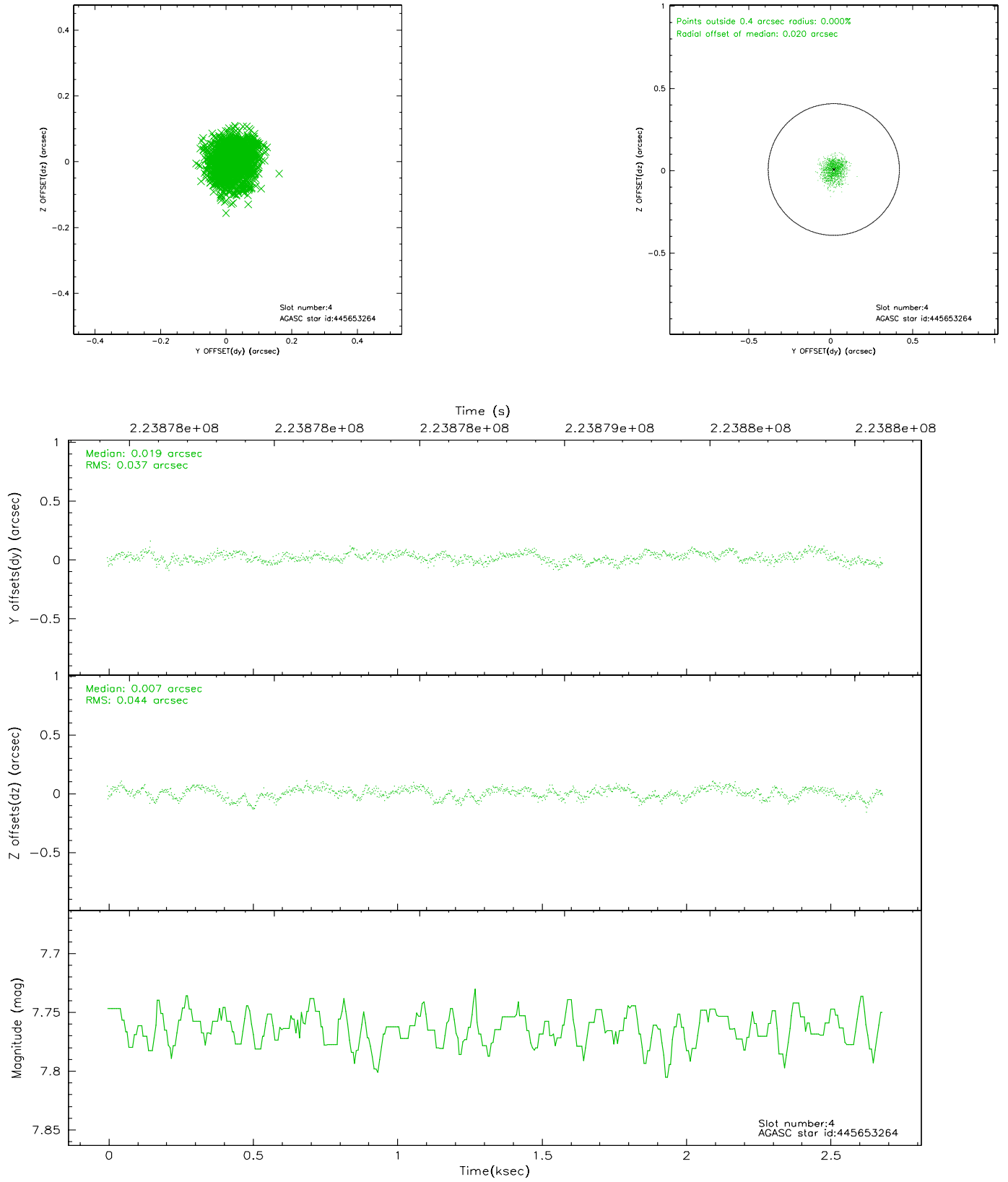
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	655	0.010	-0.004	0.006	0.010	0.000000	0.000000	-760.75	-1730.67
1	FID	ACIS-S-5	7.24	655	-0.054	0.015	0.006	0.011	0.000000	0.000000	-1815.05	168.83
2	FID	ACIS-S-6	7.35	655	0.019	-0.004	0.006	0.010	0.000000	0.000000	398.23	815.47
3	GUIDE	445648720	8.21	1311	-0.036	0.061	0.082	0.125	109.025109	50.091408	-1751.68	2302.54
4	GUIDE	445653264	7.76	1311	0.019	0.007	0.062	0.098	107.762900	49.901920	770.66	683.09
5	GUIDE	445653952	9.19	1309	0.010	0.058	0.146	0.229	108.228982	49.629720	728.71	2142.35
6	GUIDE	445655432	9.22	1309	0.041	-0.094	0.083	0.130	106.931820	50.295812	1058.58	-1686.15
7	GUIDE	445646688	8.60	1309	-0.022	-0.008	0.128	0.183	108.414088	50.558246	-1969.27	121.78

2.4 Star Slots

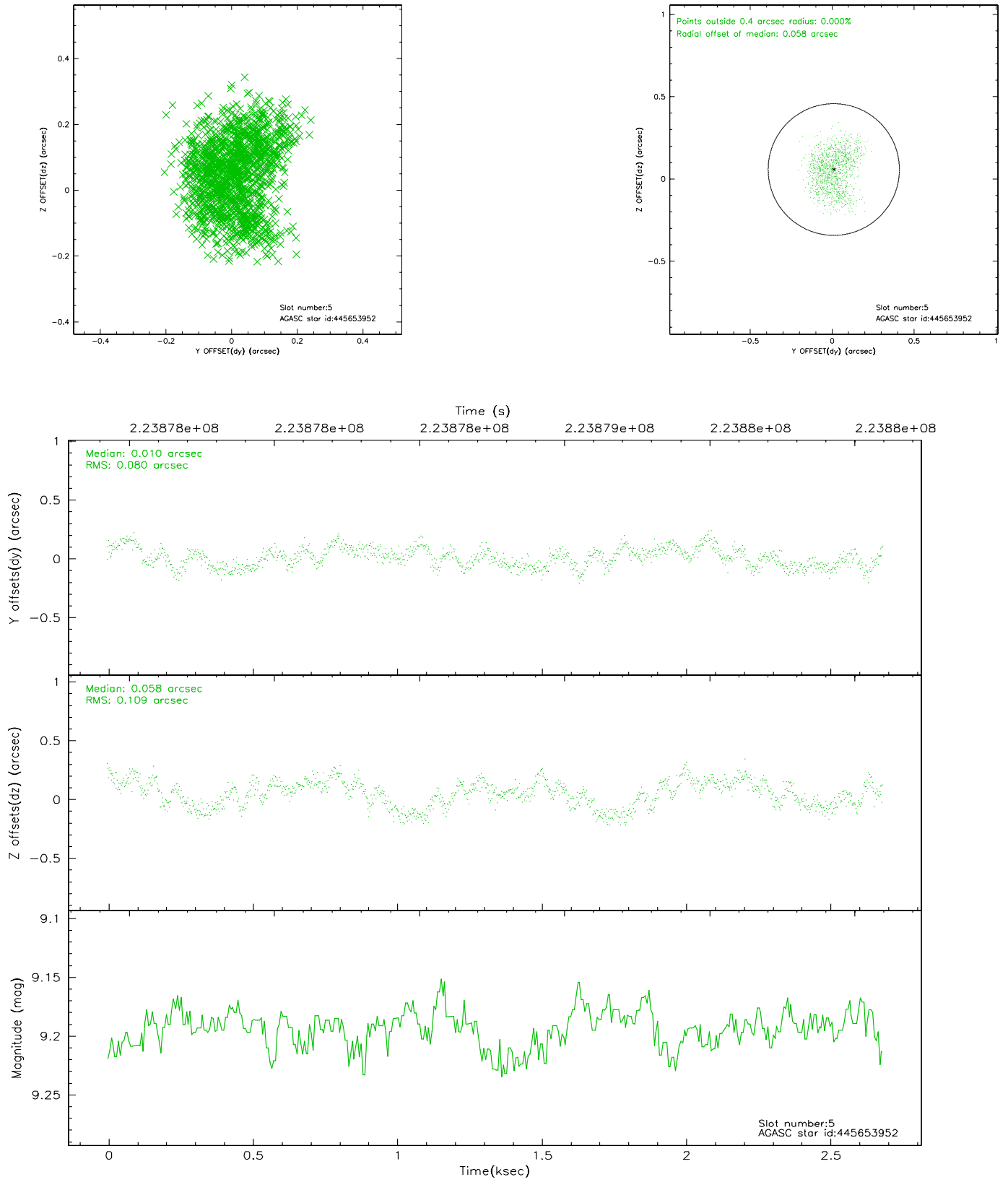
2.4.1 Slot 3



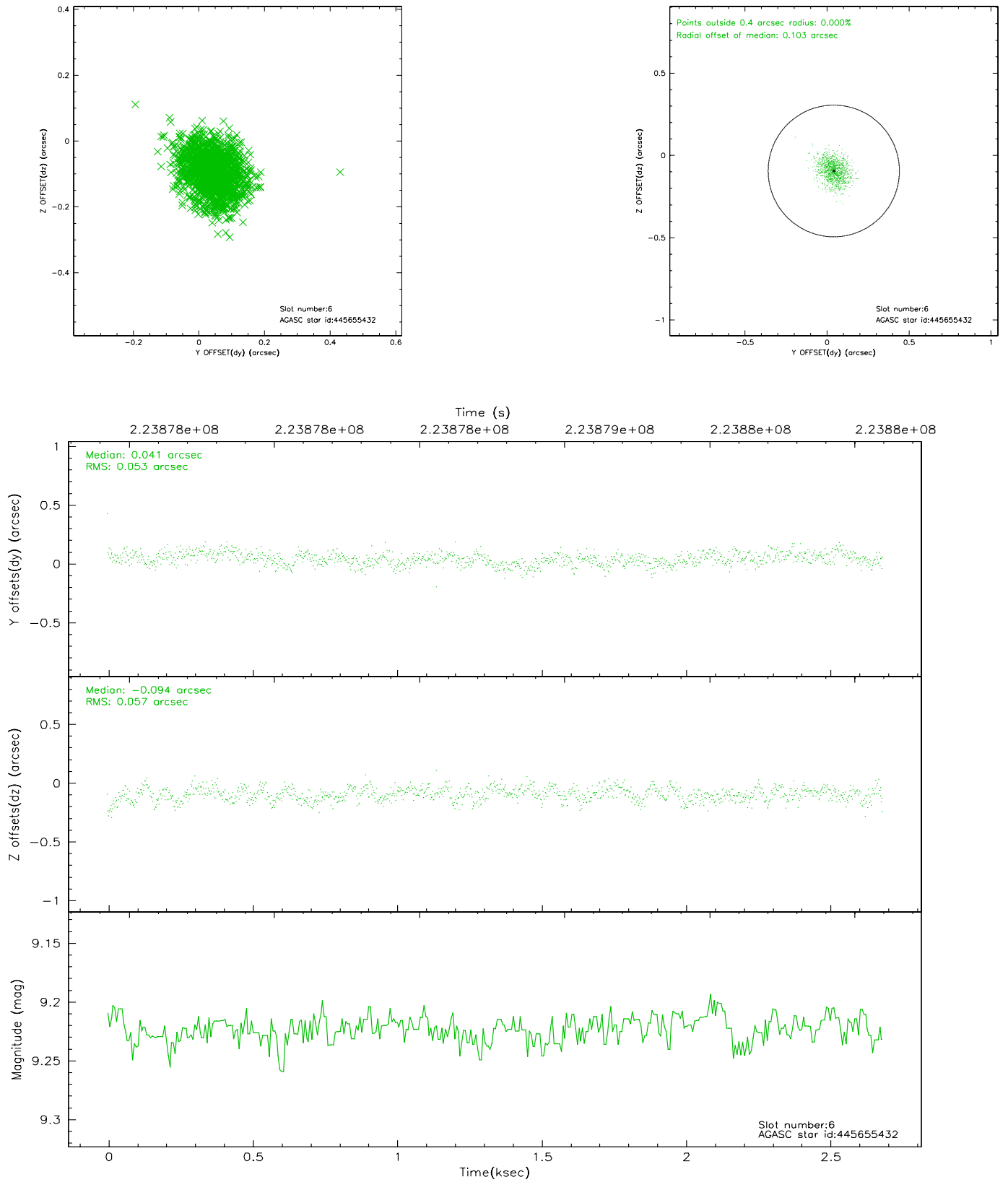
2.4.2 Slot 4



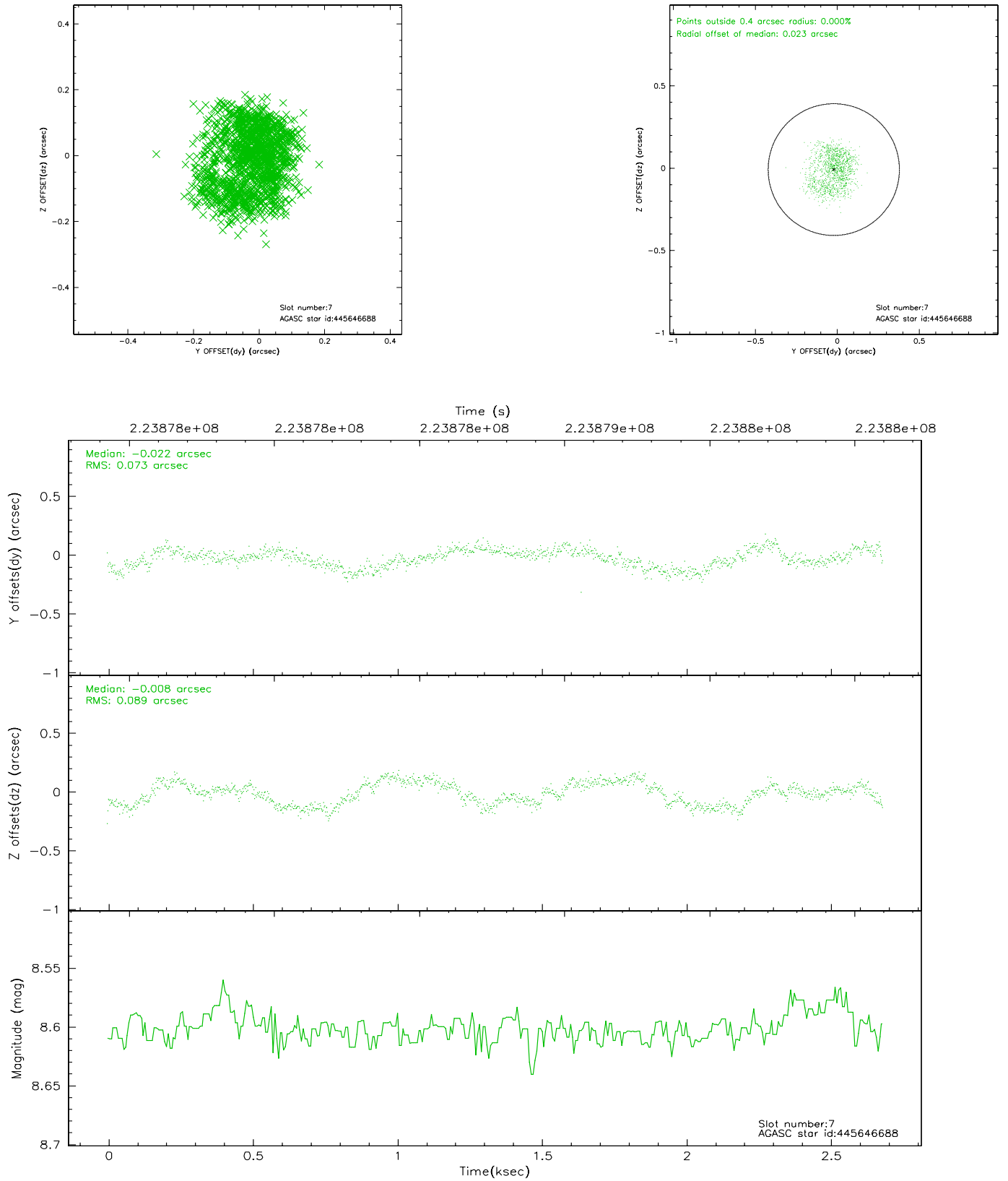
2.4.3 Slot 5



2.4.4 Slot 6

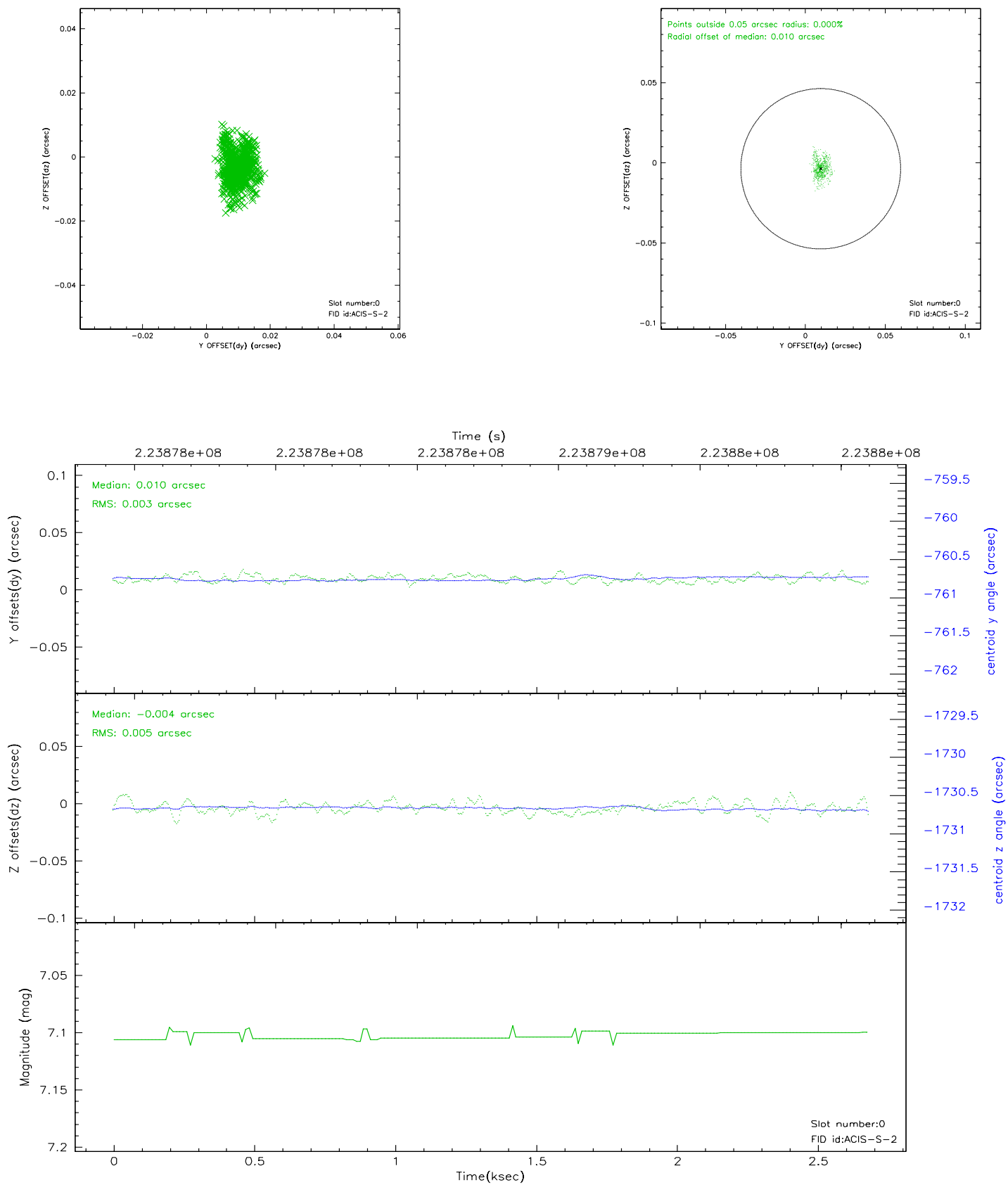


2.4.5 Slot 7

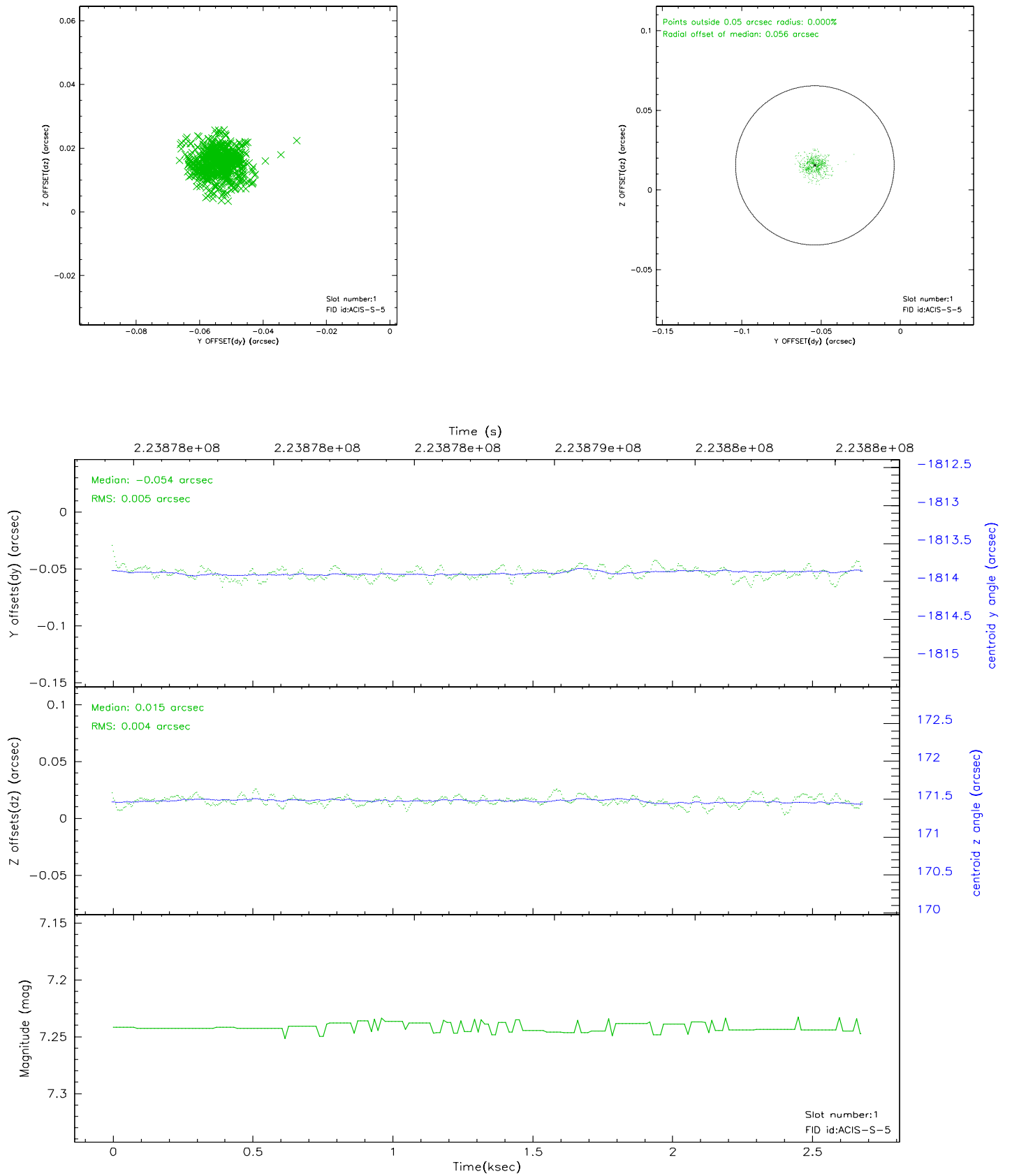


2.5 FID Slots

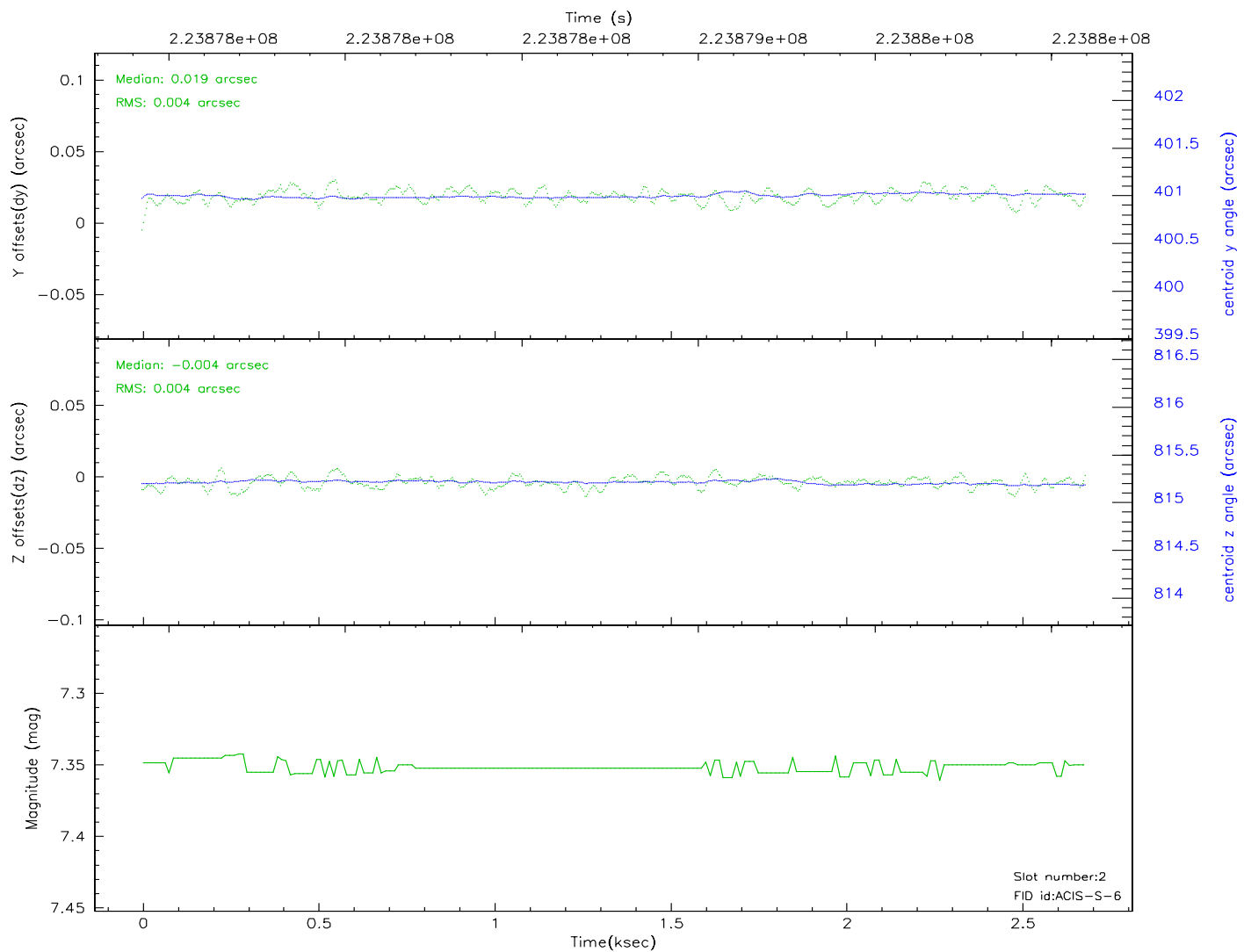
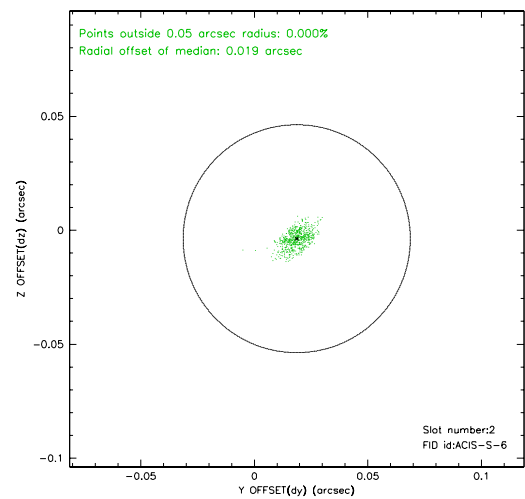
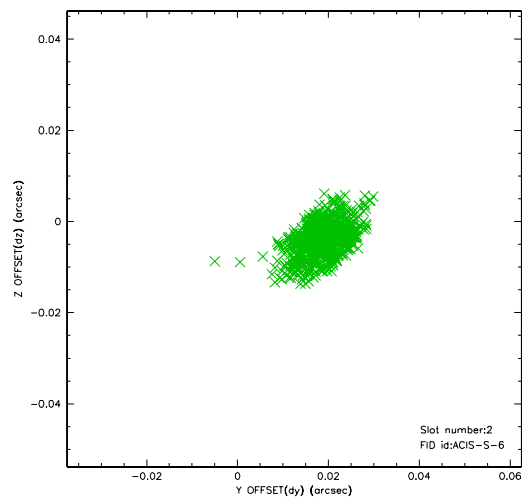
2.5.1 Slot 0



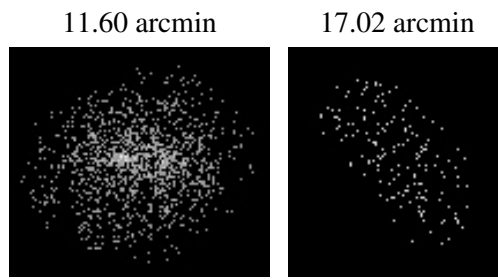
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.942399

A.2 Comments