

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2164 - L2 Version 001
Chandra X-Ray Center

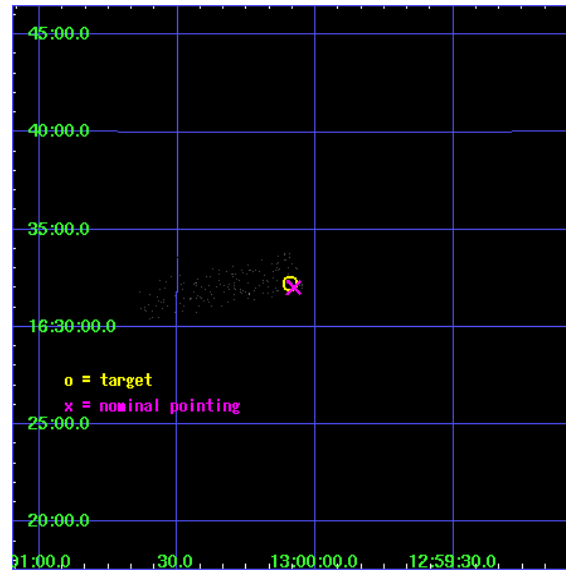
L2 Processing Date : Dec 15 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

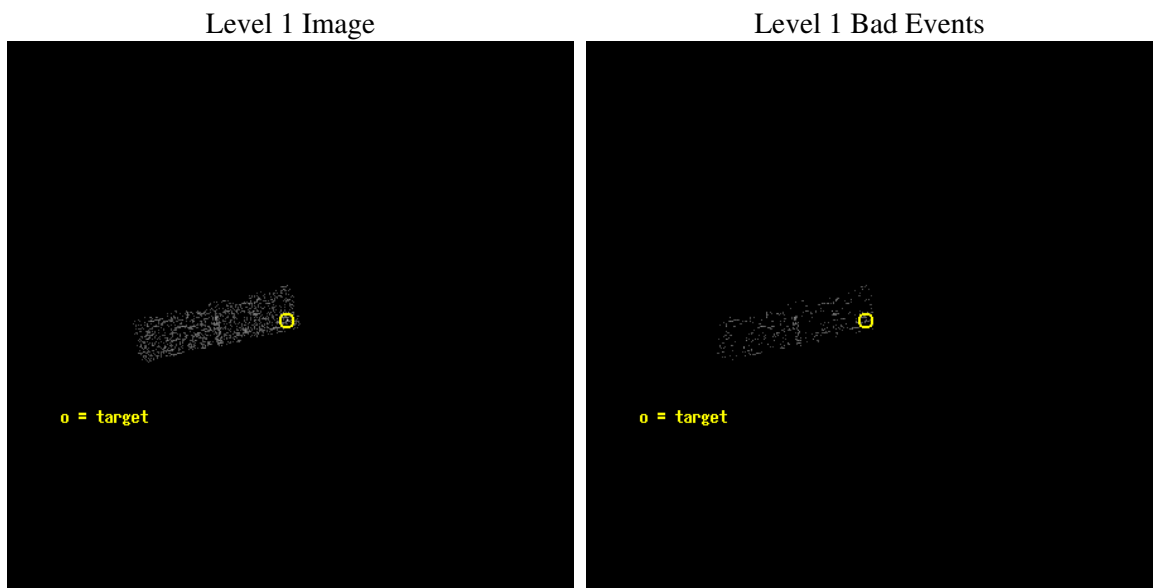
seq_num	700354
obs_id	2164
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ130005+1632
dtcycle	0
cycle	P
ra_targ	195.0225
dec_targ	16.537444
ra_nom	195.01955898442
dec_nom	16.533825672895
roll_nom	257.62218375491
revision	2
ontime	932.79999652505
livetime	887.28240894612
ontime3	932.79999652505
l2events	307



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-15T23:08:21
revision	2

sched_exp_time	1079.838000
ontime	933.54221665859
ontime3	933.54221665859
l1events	2158

2.1.4 Events

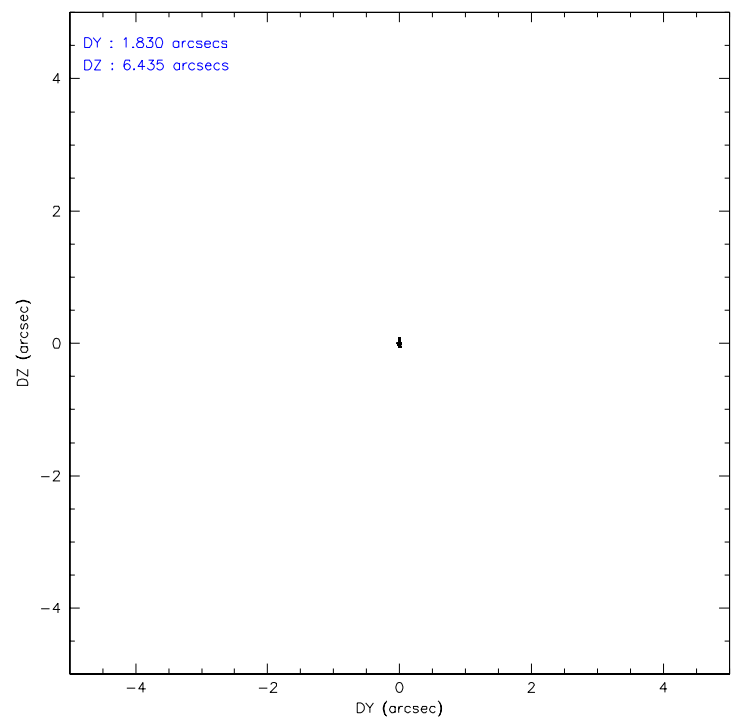
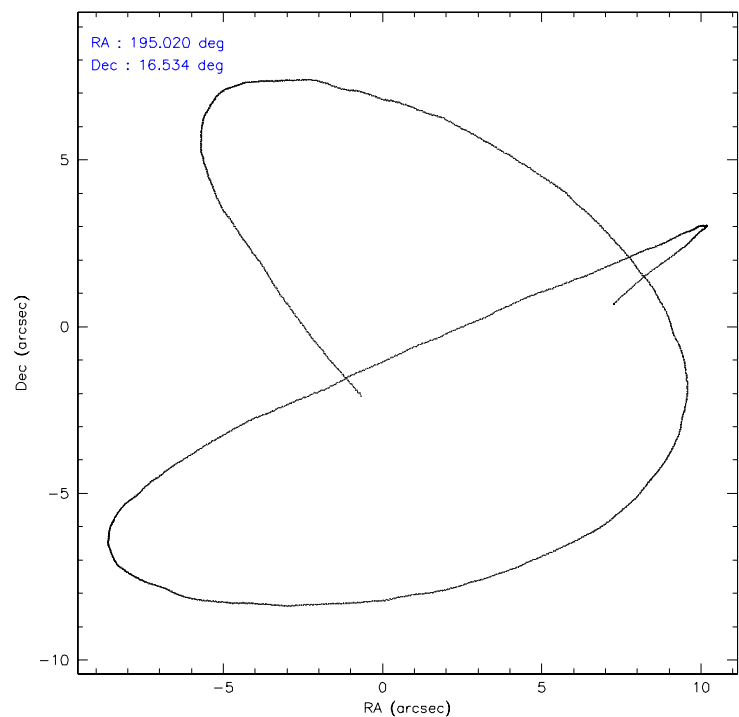
	ccd 3
level 1 events	2158
rejected events	1814
rejected %	84%

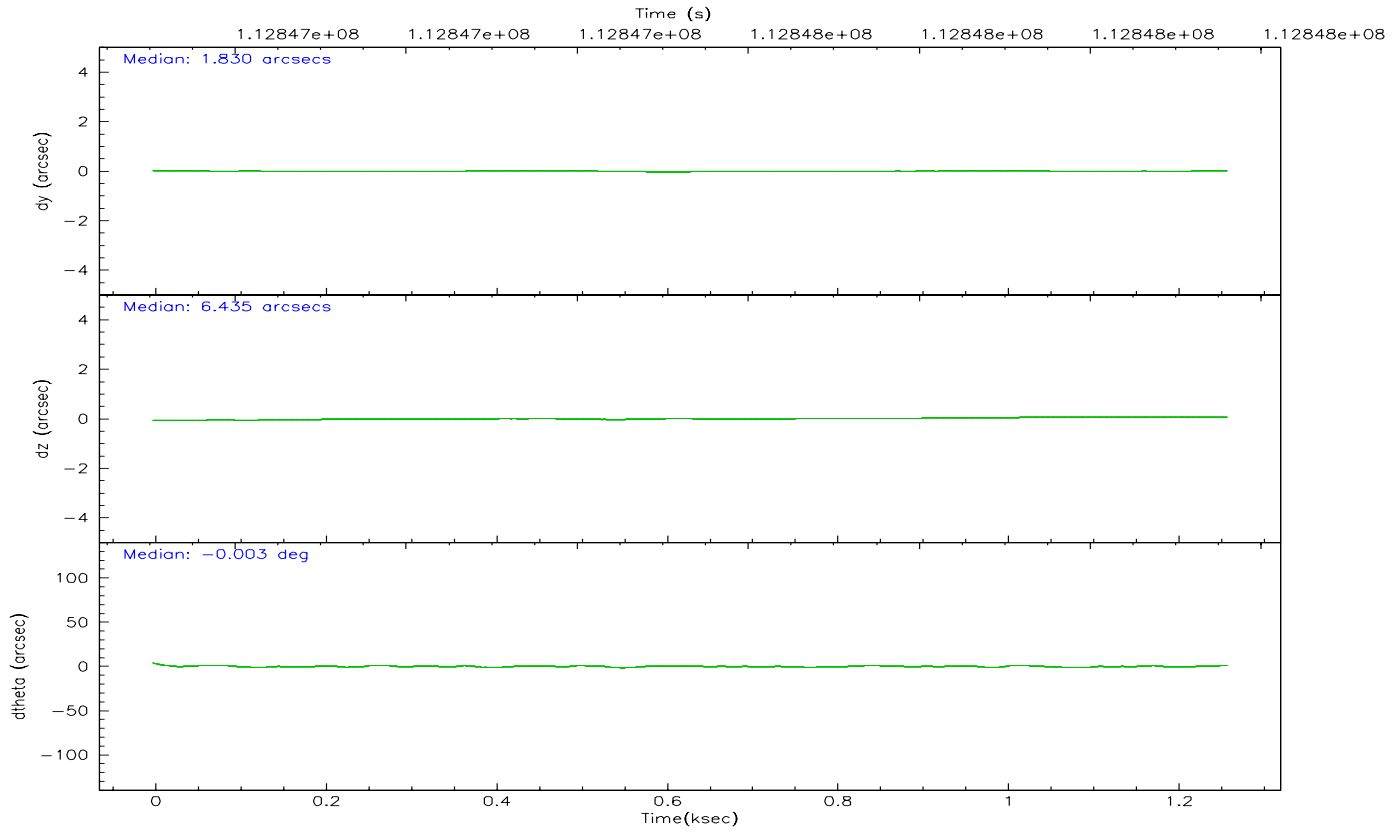
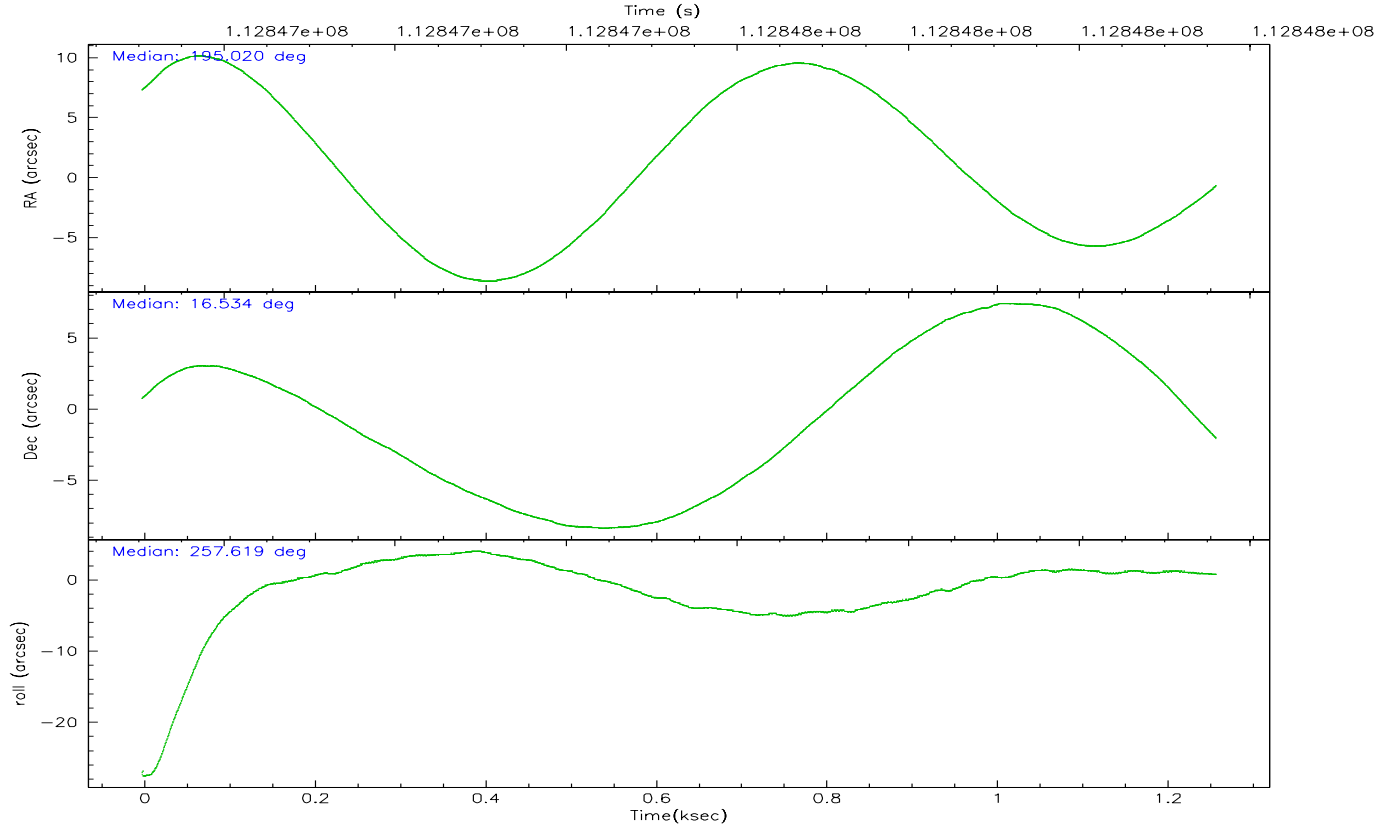
	ccd 3
grade 0 events	193
	8%
grade 1 events	3
	0%
grade 2 events	41
	1%
grade 3 events	43
	1%
grade 4 events	36
	1%
grade 5 events	65
	3%
grade 6 events	31
	1%
grade 7 events	1746
	80%

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	195.010937	195.0195589844211	Subarray requested	1/4	1/4
Pointing Dec	16.559728	16.53382567289534	Subarray start row	0	769
Pointing Roll	257.416228	257.6221837549082	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	112847081.184000	112846502.60509			
Observation start date	2001-07-30T02:23:37	2001-07-30T02:15:02			
Observation end time	112848161.184000	112848475.73017			
Observation end date	2001-07-30T02:41:37	2001-07-30T02:47:55			
Read mode	TIMED	TIMED			

2.3 Aspect



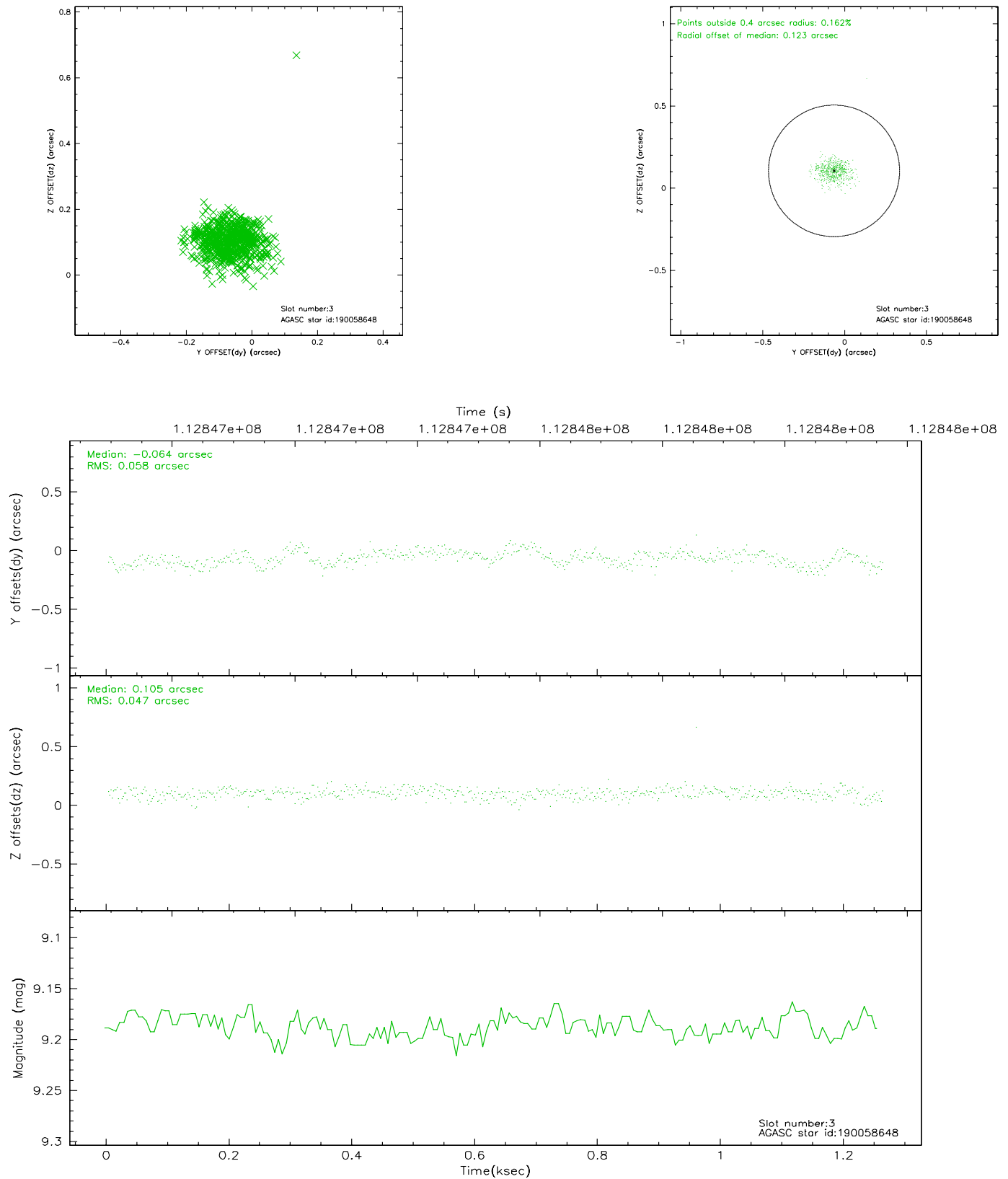


Slot Statistics

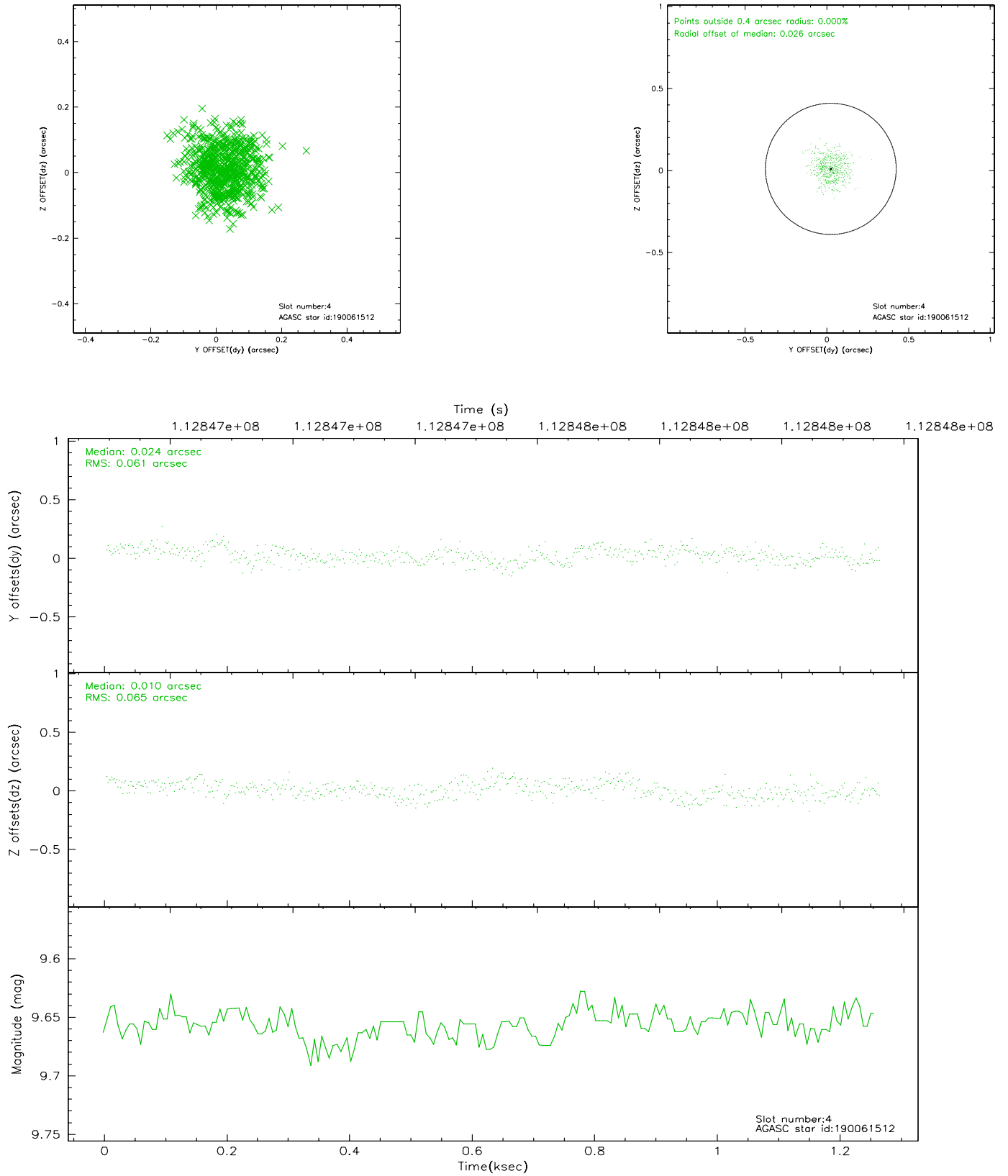
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	308	-0.028	-0.052	0.008	0.015	0.000000	0.000000	-756.20	-836.24
1	FID	ACIS-I-4	7.18	308	-0.053	0.038	0.004	0.009	0.000000	0.000000	2155.44	1067.41
2	FID	ACIS-I-5	7.23	308	-0.021	0.082	0.008	0.013	0.000000	0.000000	-1803.23	1071.27
3	GUIDE	190058648	9.19	616	-0.064	0.105	0.076	0.122	195.561706	16.793846	-1237.03	1668.03
4	GUIDE	190061512	9.66	614	0.024	0.010	0.096	0.149	195.289199	16.659778	-561.33	860.16
5	GUIDE	189924592	8.92	616	-0.230	-0.174	0.076	0.119	194.651984	17.182917	-1920.90	-1693.33
6	GUIDE	190057472	9.11	613	0.128	-0.066	0.073	0.118	194.706985	16.210982	1452.35	-755.30
7	GUIDE	190054720	9.09	615	0.147	0.130	0.080	0.129	195.290305	15.806791	2438.29	1533.56

2.4 Star Slots

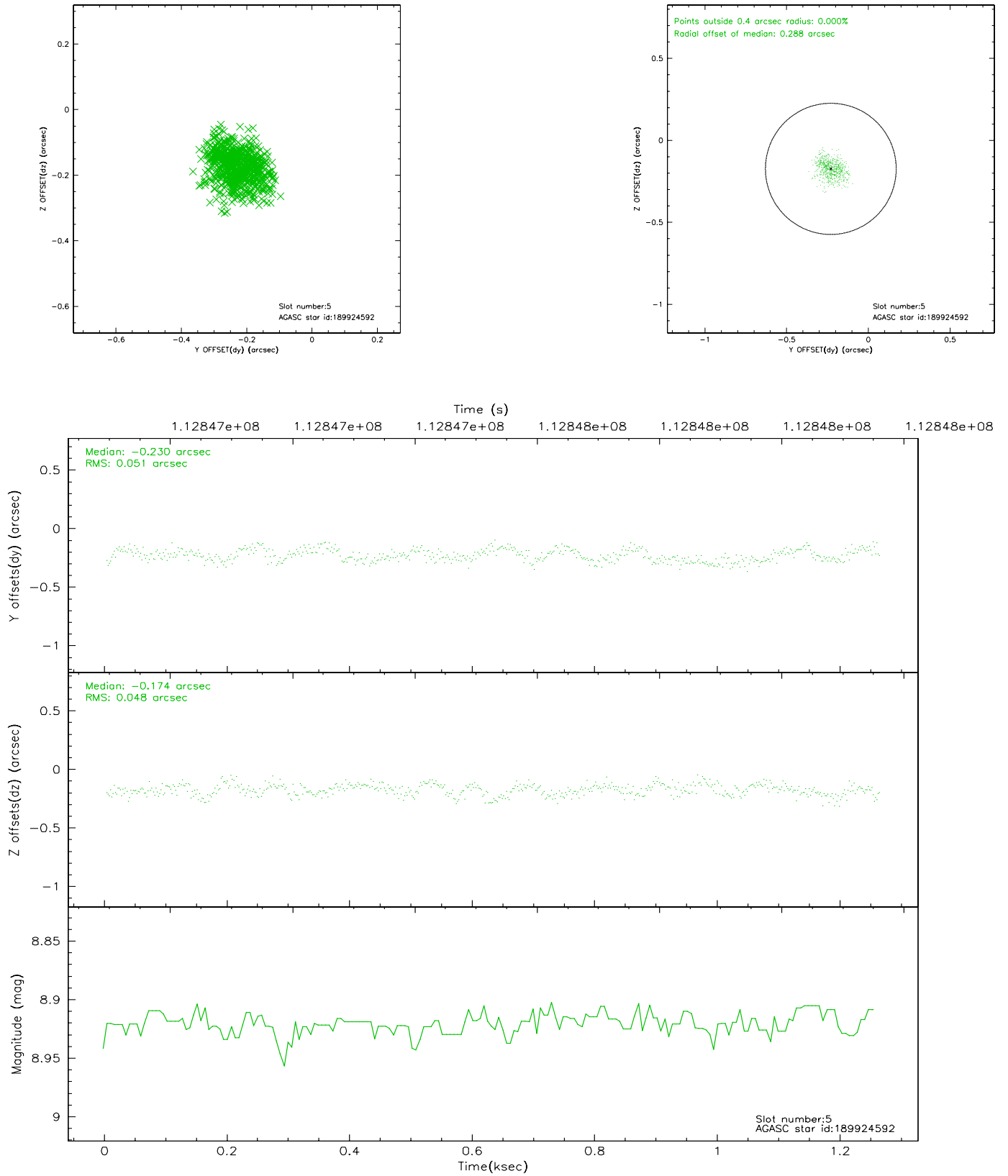
2.4.1 Slot 3



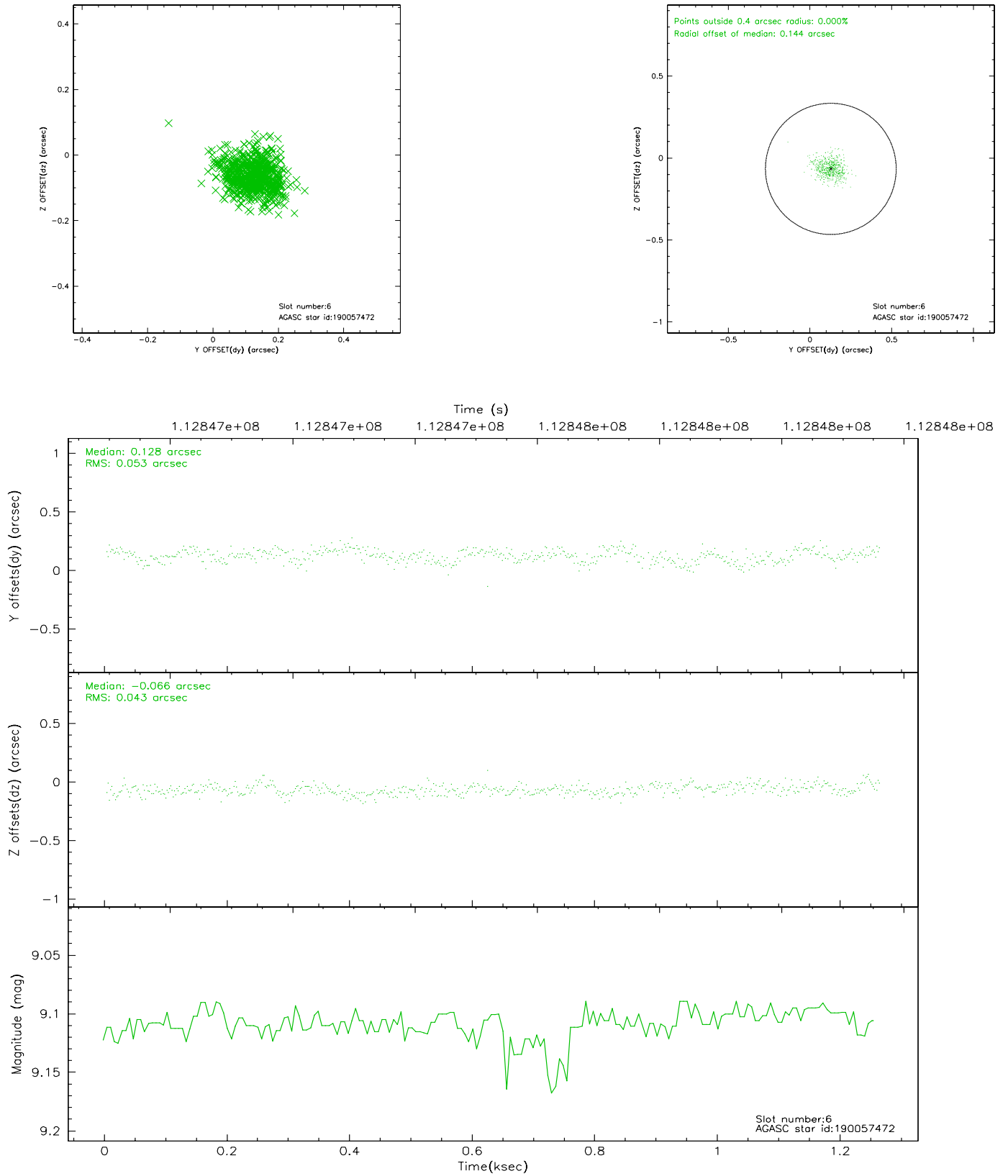
2.4.2 Slot 4



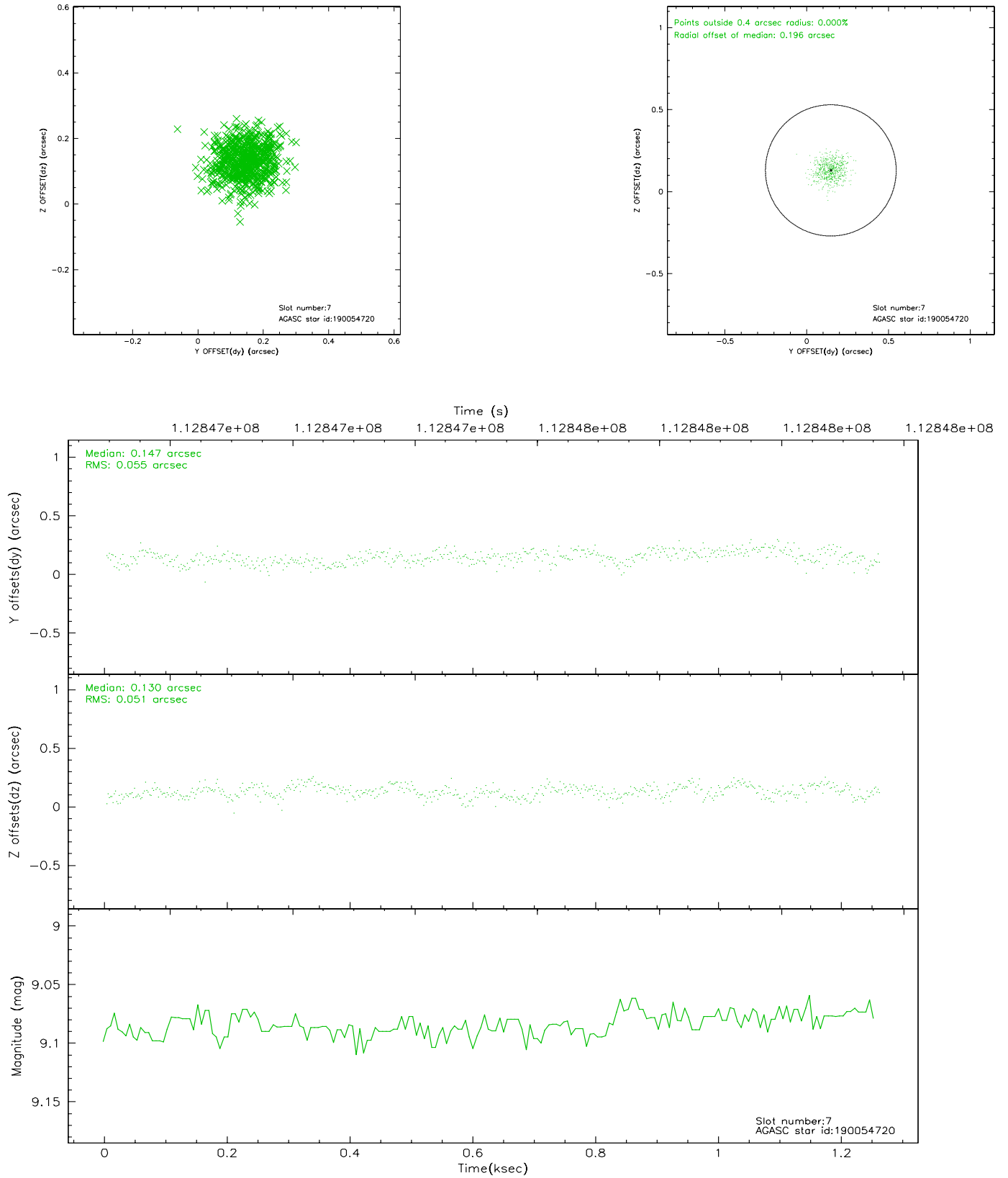
2.4.3 Slot 5



2.4.4 Slot 6

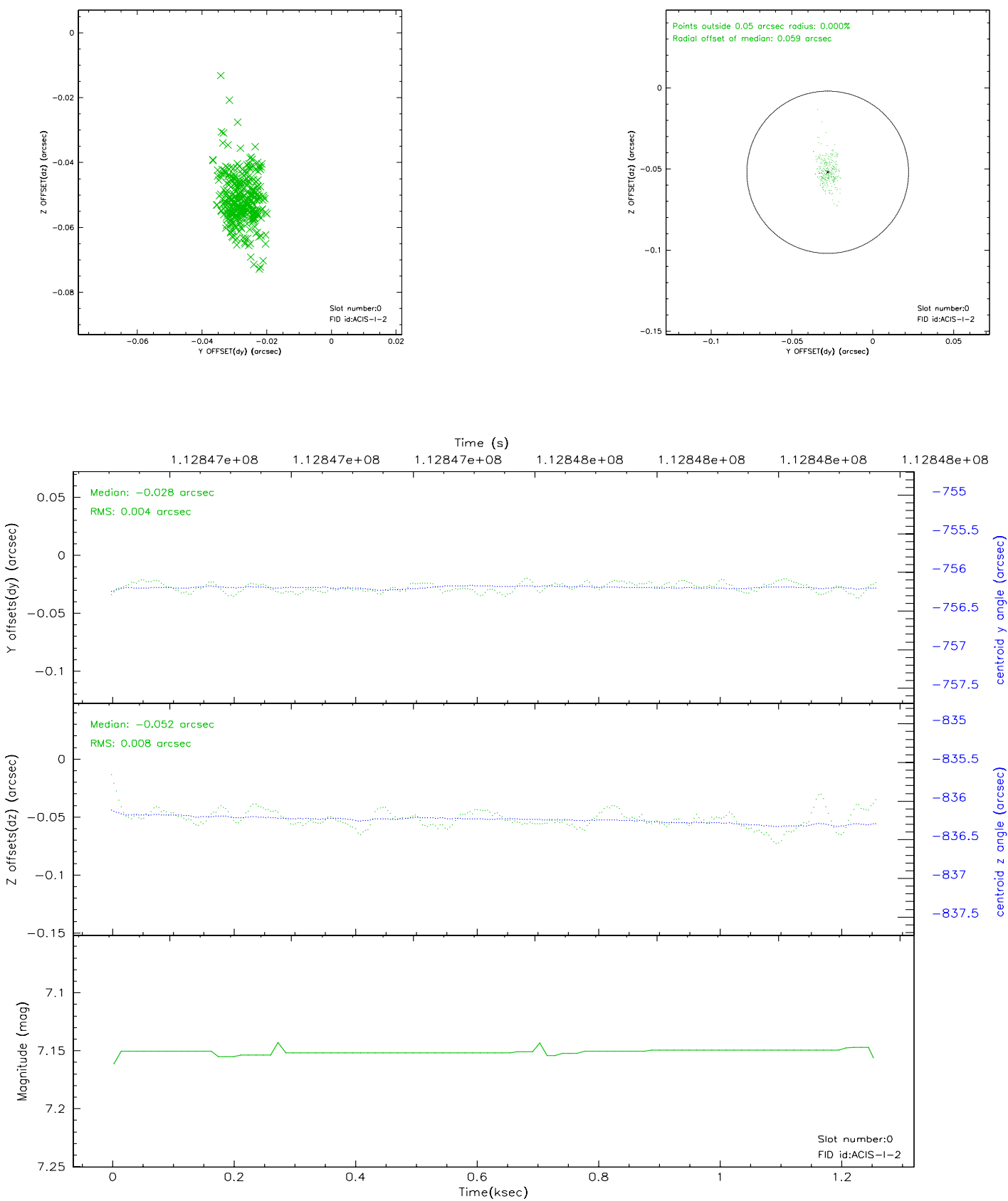


2.4.5 Slot 7

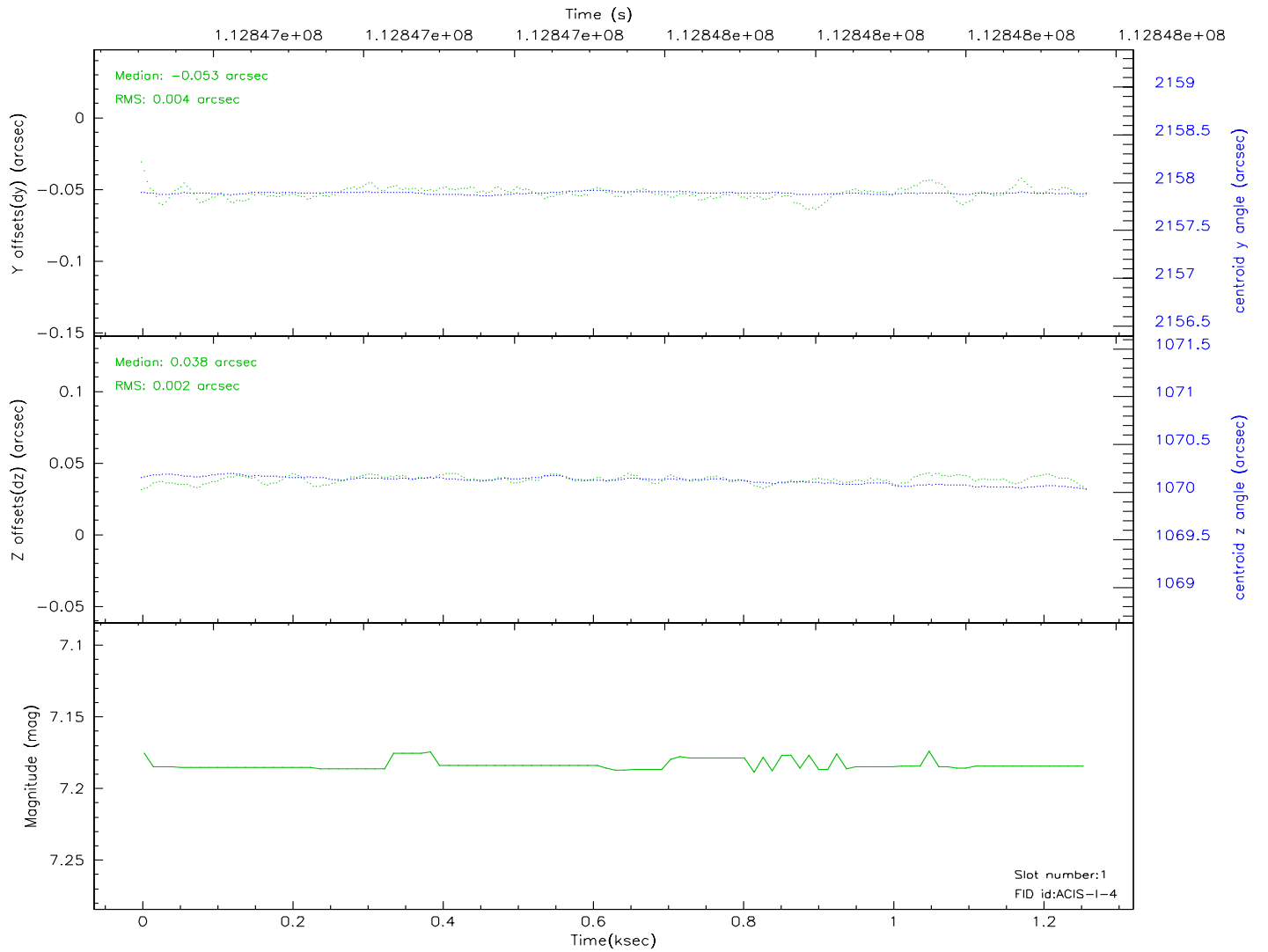
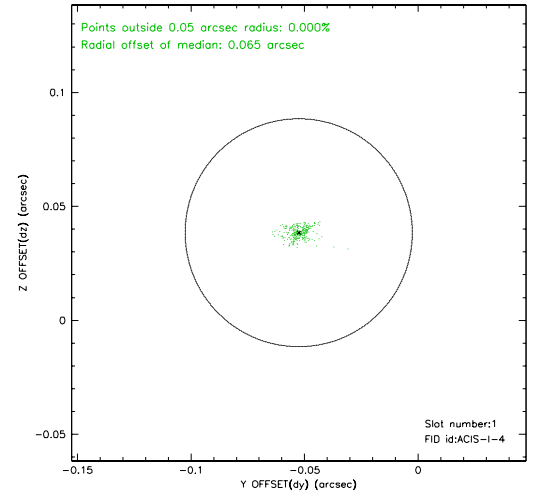
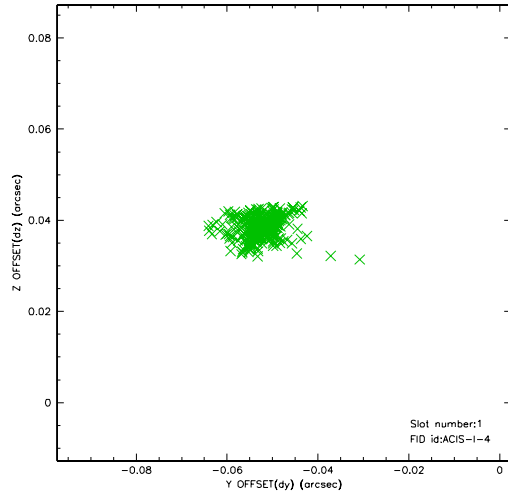


2.5 FID Slots

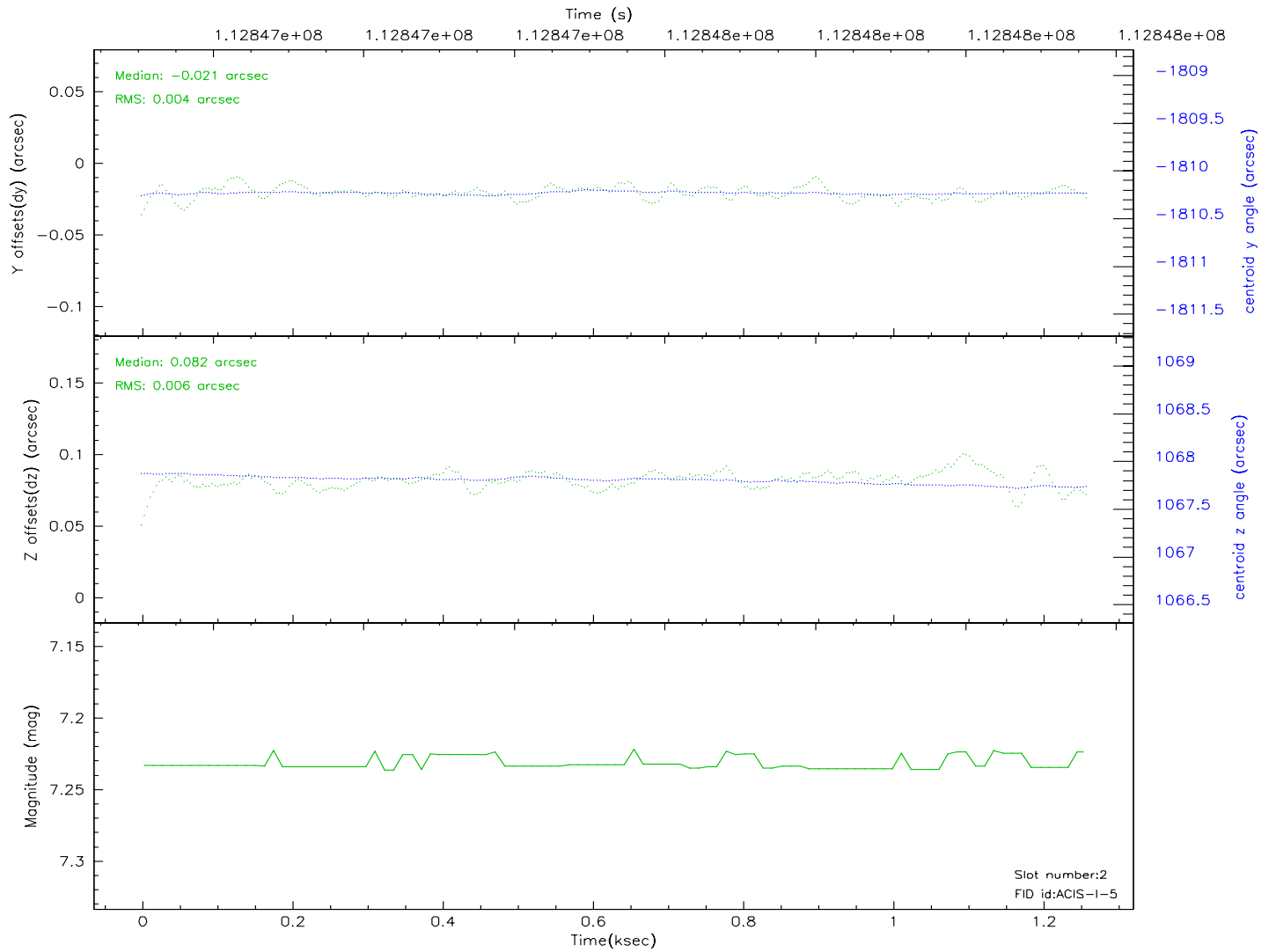
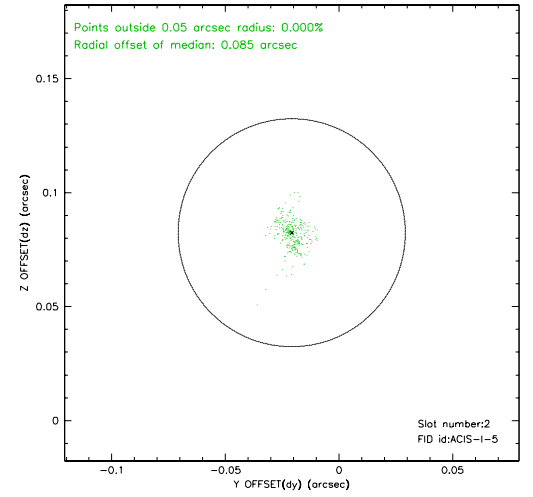
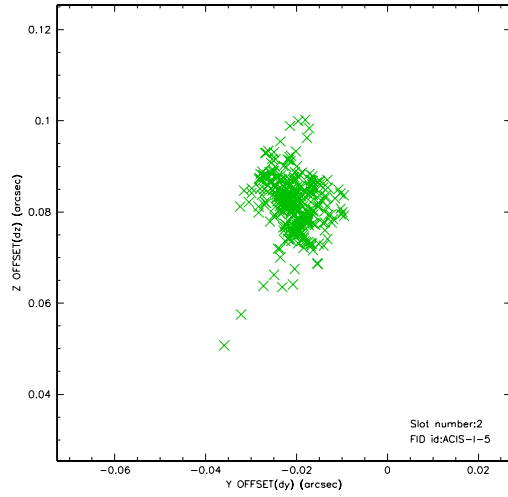
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.932

A.2 Comments