

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3301 - L2 Version 001
Chandra X-Ray Center

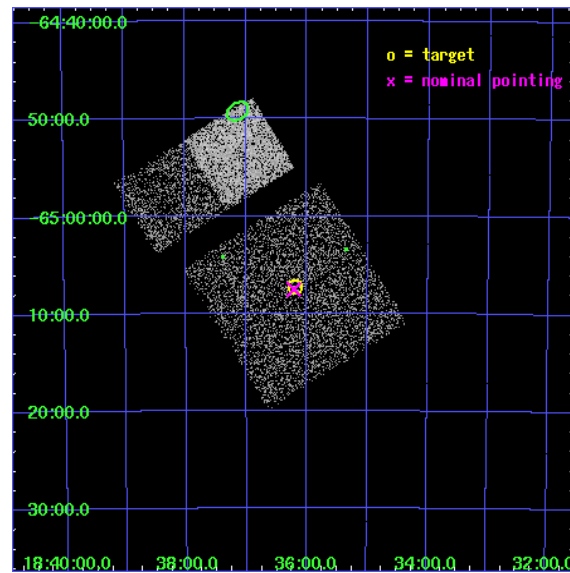
L2 Processing Date : Sep 26 2006

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

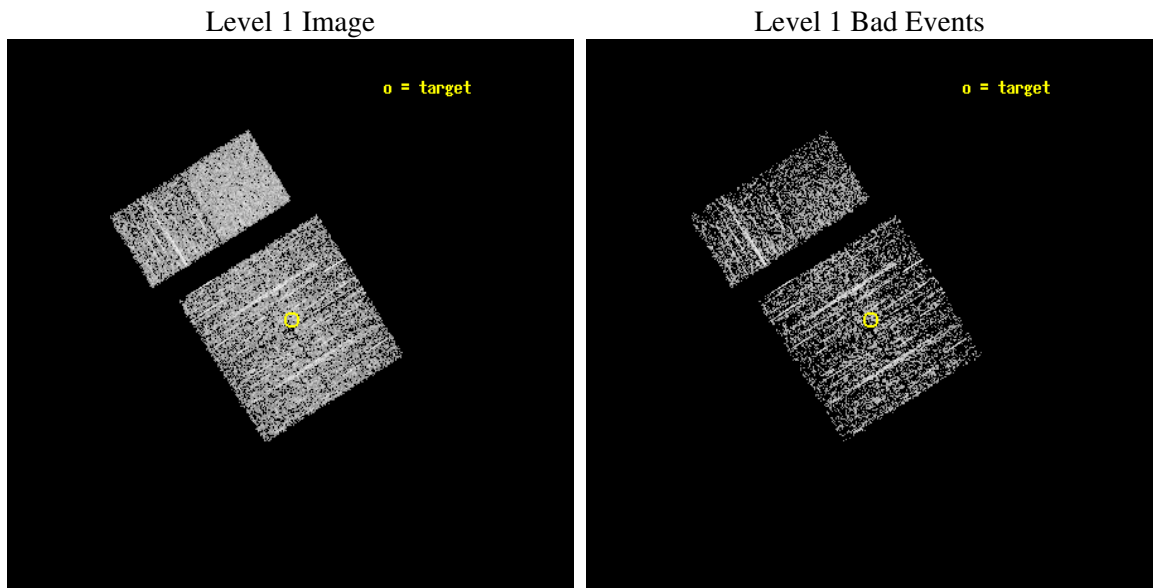
seq_num	900140
obs_id	3301
title	A CHEAP COMPLETE WIDE BRIGHT SURVEY
observer	DR. FABIO LA FRANCA
object	H183611
dtcycle	0
cycle	P
ra_targ	279.047083
dec_targ	-65.122194
ra_nom	279.05373685569
dec_nom	-65.125792248915
roll_nom	328.18538279586
revision	2
ontime	1430.3999946713
livetime	1412.2874086553
ontime0	1430.3999946713
ontime1	1430.3999946713
ontime2	1430.3999946713
ontime3	1430.3999946713
ontime6	1430.3999946713
ontime7	1430.3999946713
l2events	14714



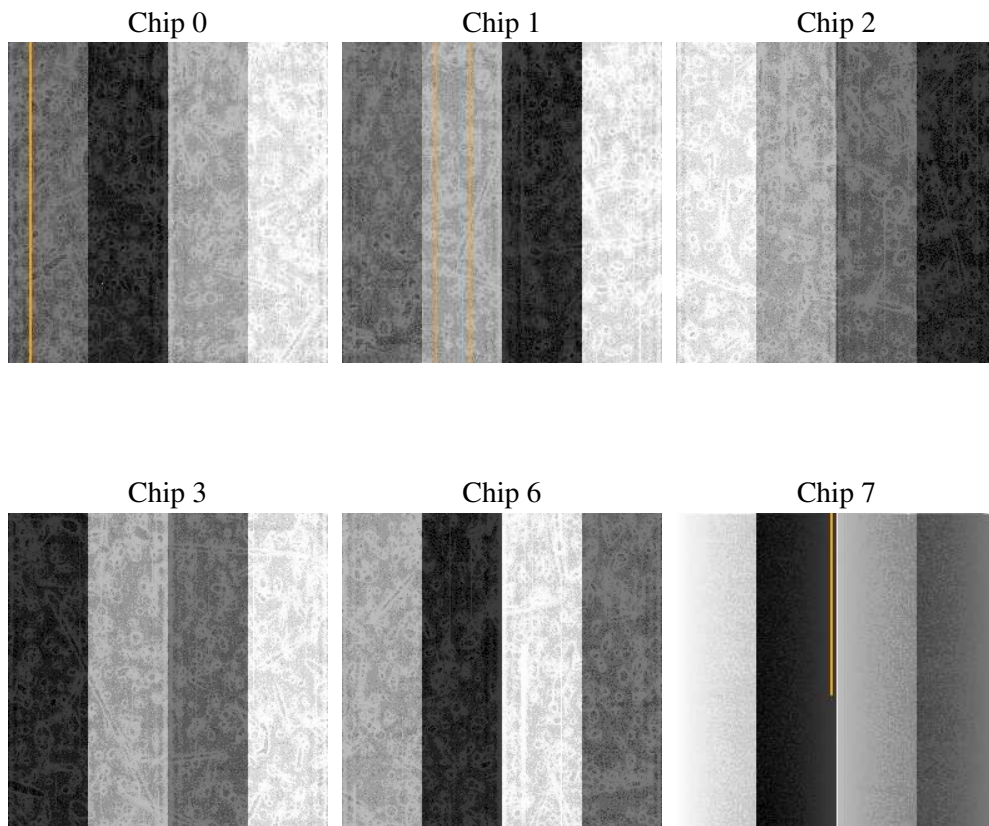
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-26T13:19:20
revision	2

sched_exp_time	1470.531000
ontime	1435.7631192505
ontime0	1435.7631192505
ontime1	1435.7631391585
ontime2	1435.7631192505
ontime3	1435.7631192505
ontime6	1435.7631192505
ontime7	1435.7631391585
l1events	66947

2.1.4 Events

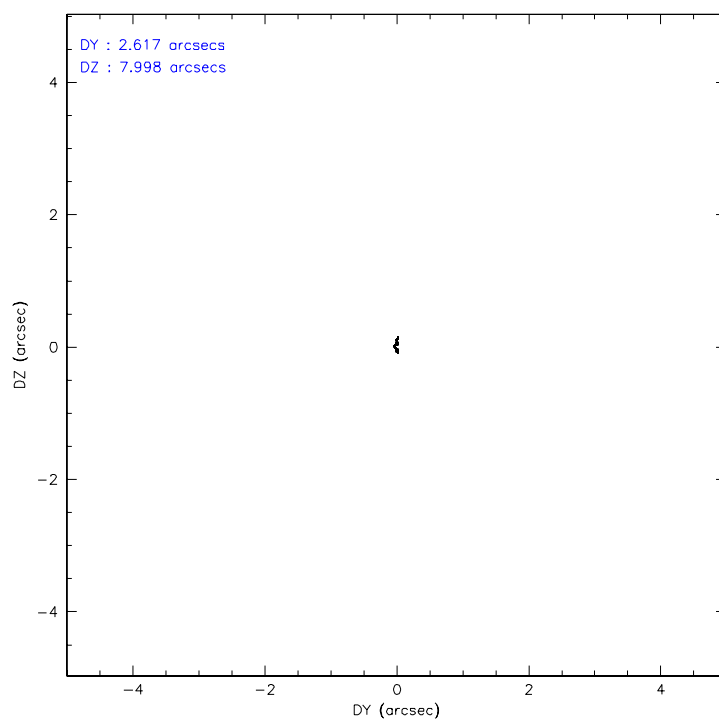
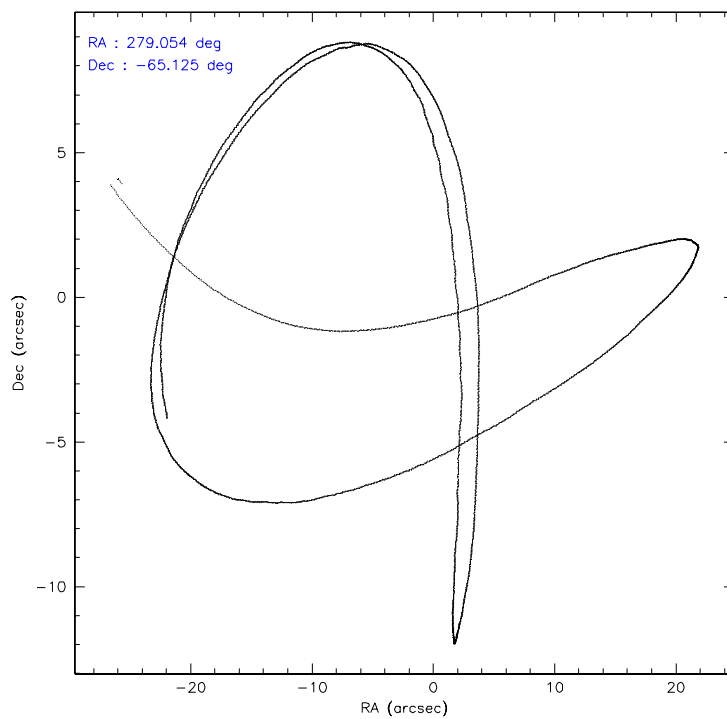
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	9764	9705	10823	10569	11283	14803
rejected events	7931	7856	8948	8872	9432	7760
rejected %	81%	80%	82%	83%	83%	52%

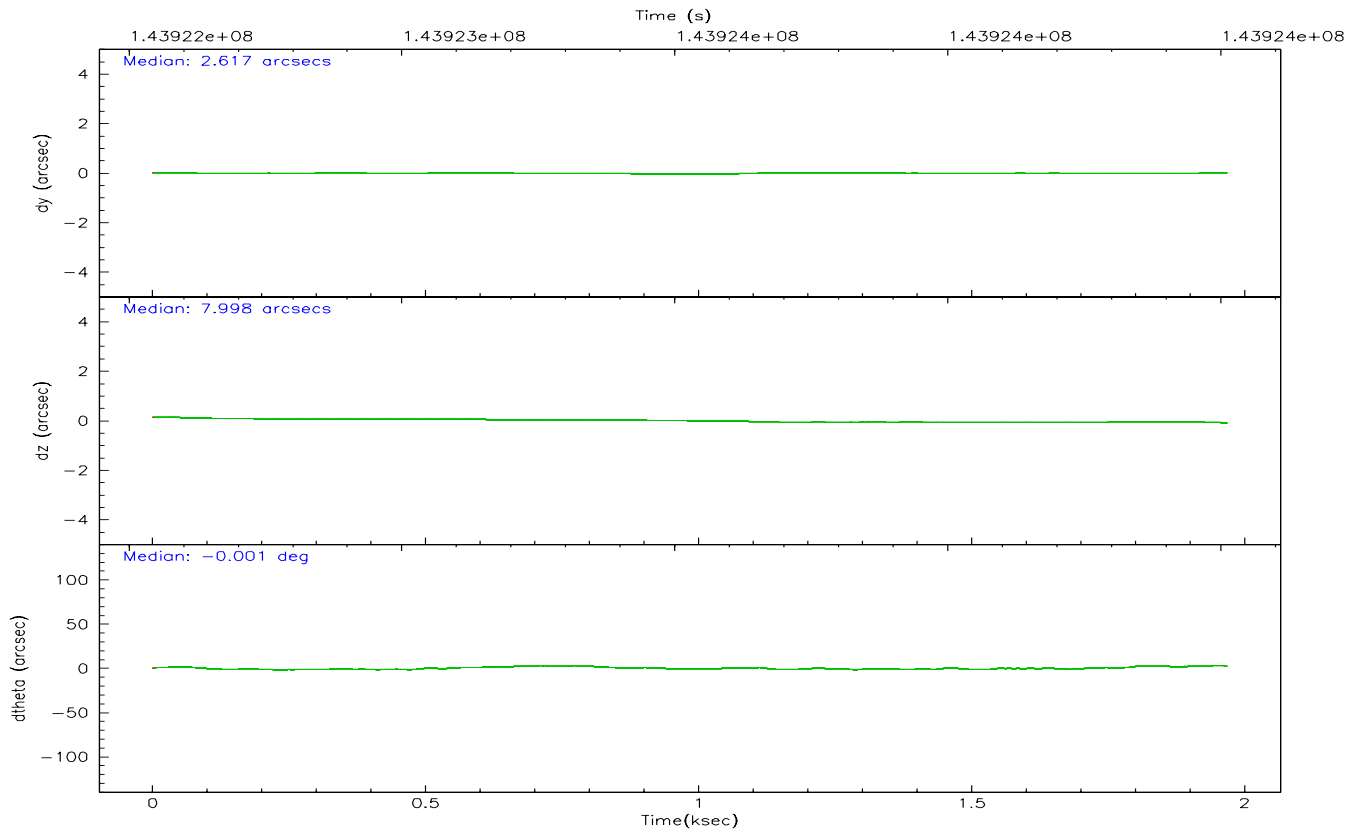
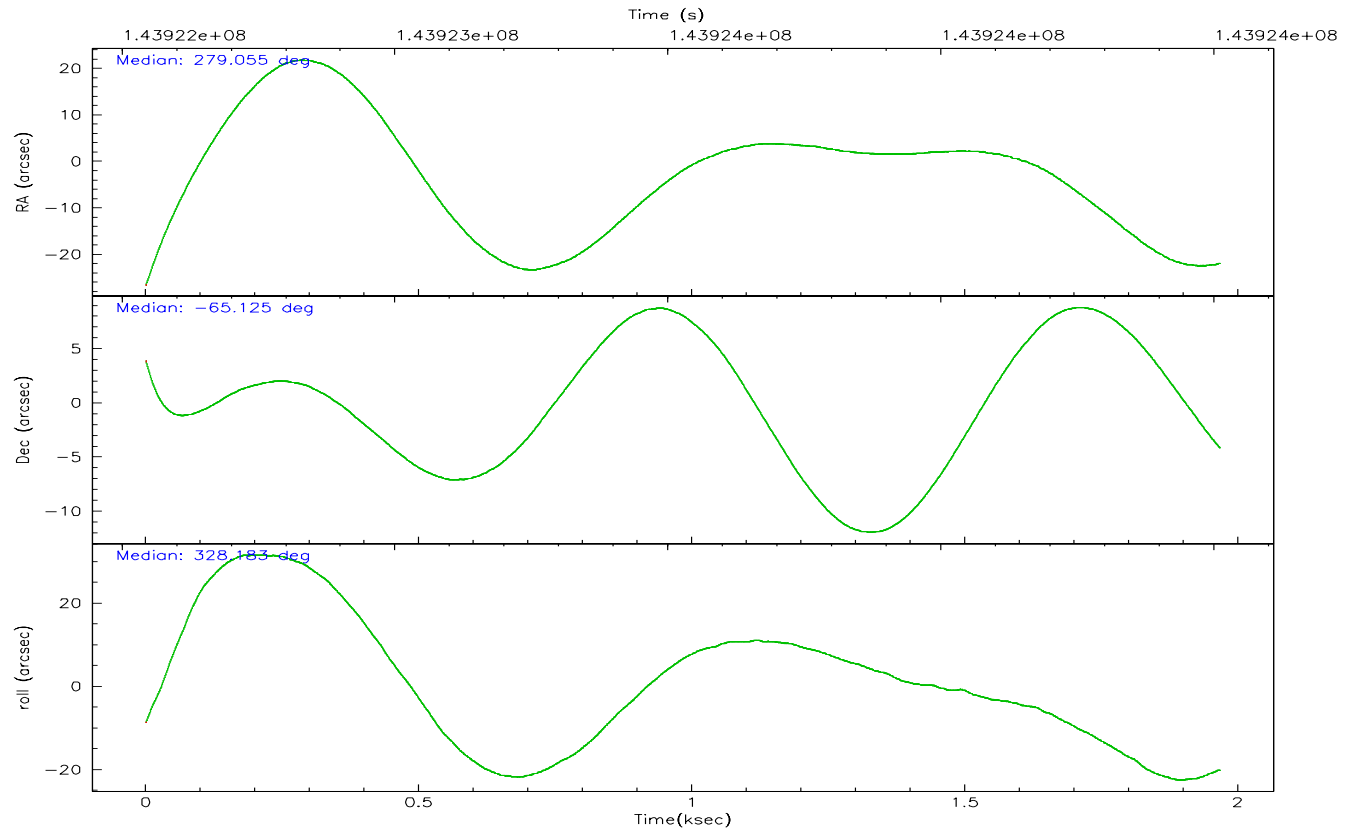
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	889	876	920	866	914	605
	9%	9%	8%	8%	8%	4%
grade 1 events	3	8	5	9	5	10
	0%	0%	0%	0%	0%	0%
grade 2 events	411	384	405	356	402	1755
	4%	3%	3%	3%	3%	11%
grade 3 events	134	138	102	96	134	406
	1%	1%	0%	0%	1%	2%
grade 4 events	129	117	133	120	119	359
	1%	1%	1%	1%	1%	2%
grade 5 events	342	347	305	364	416	820
	3%	3%	2%	3%	3%	5%
grade 6 events	278	341	316	261	287	3933
	2%	3%	2%	2%	2%	26%
grade 7 events	7578	7494	8637	8497	9006	6915
	77%	77%	79%	80%	79%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	278.988384	279.0537368556936	Subarray requested	NONE	NONE
Pointing Dec	-65.125204	-65.12579224891503	Alternating exposures requested	N	N
Pointing Roll	327.917415	328.1853827958642	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	143923043.184000	143921917.78077			
Observation start date	2002-07-24T18:36:19	2002-07-24T18:18:37			
Observation end time	143924513.184000	143924827.75589			
Observation end date	2002-07-24T19:00:49	2002-07-24T19:07:07			
Read mode	TIMED	TIMED			

2.3 Aspect



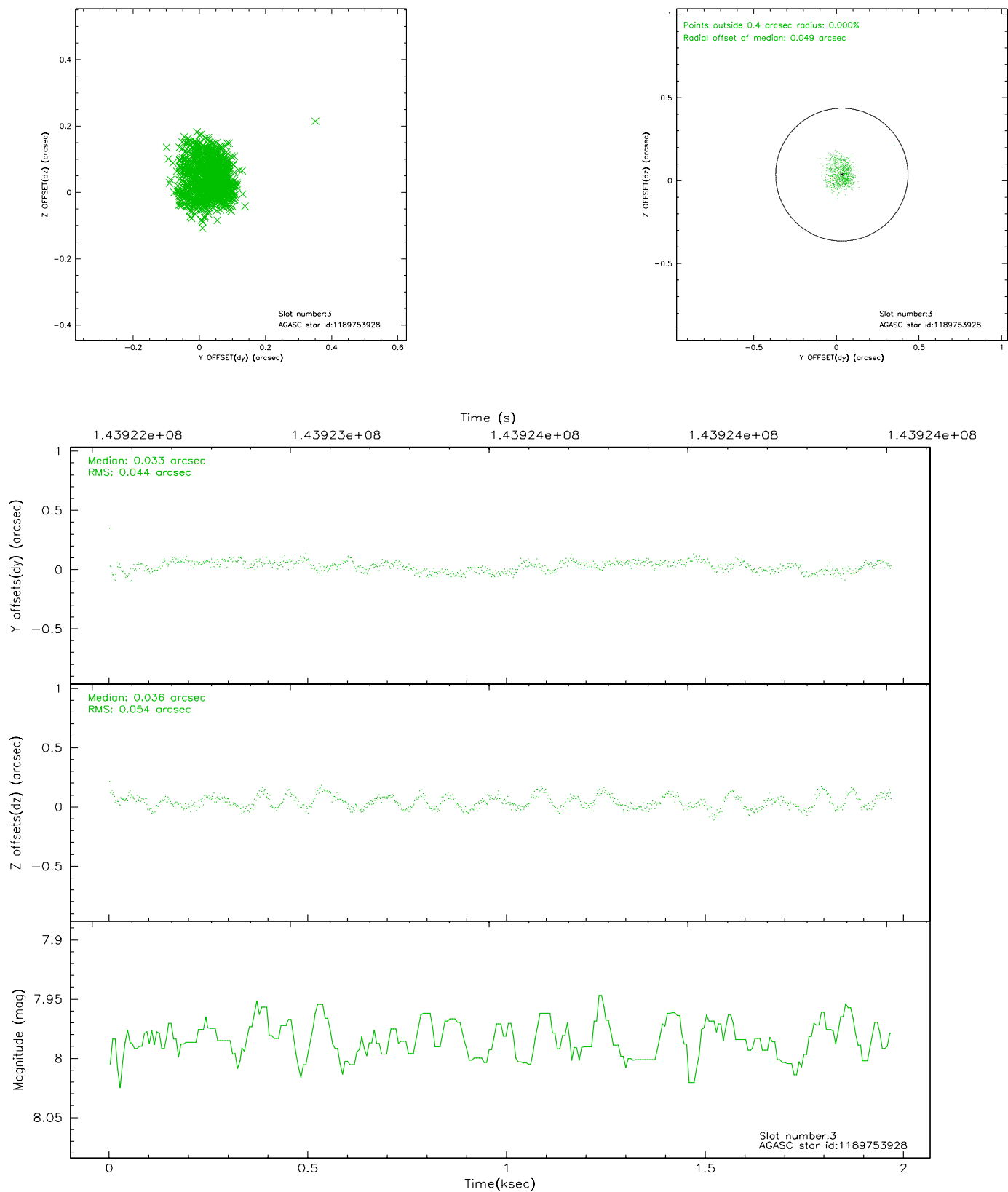


Slot Statistics

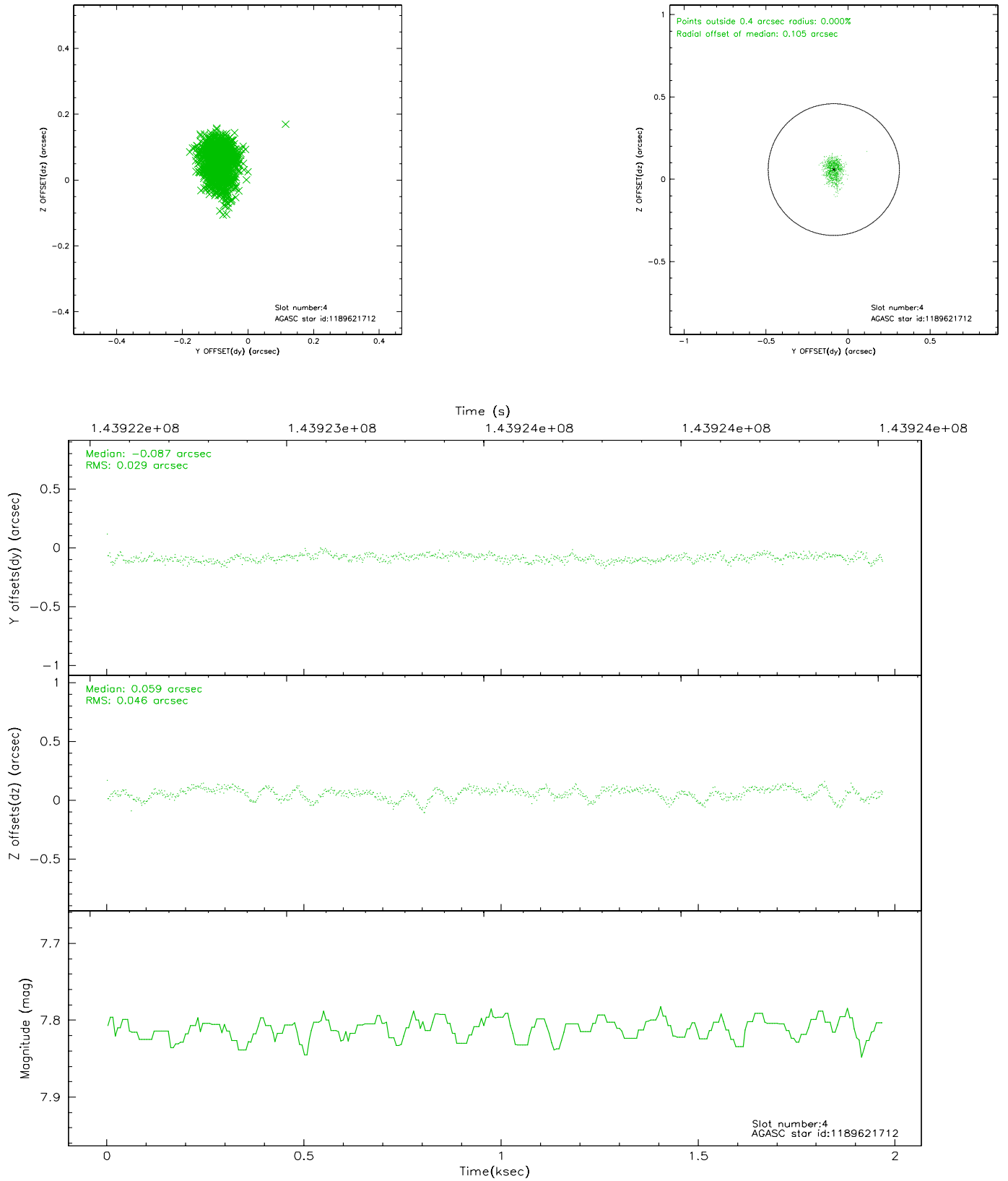
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	481	-0.038	0.079	0.012	0.029	0.000000	0.000000	937.13	-831.36
1	FID	ACIS-I-5	7.23	481	-0.020	0.032	0.007	0.015	0.000000	0.000000	-1809.07	1064.47
2	FID	ACIS-I-6	7.26	481	-0.033	-0.040	0.009	0.028	0.000000	0.000000	399.13	1712.64
3	GUIDE	1189753928	7.98	961	0.033	0.036	0.075	0.114	280.013070	-64.725745	578.41	2042.22
4	GUIDE	1189621712	7.81	961	-0.087	0.059	0.056	0.095	277.257469	-65.188770	-2073.01	-1612.91
5	GUIDE	1189613616	8.25	961	0.007	-0.067	0.053	0.086	277.886739	-64.664591	-2311.85	487.33
6	GUIDE	1189626400	9.79	958	0.081	0.046	0.094	0.160	278.020636	-65.396002	-706.50	-1607.26
7	GUIDE	1189749792	8.90	958	-0.031	-0.078	0.089	0.138	280.169539	-64.649024	641.28	2401.29

2.4 Star Slots

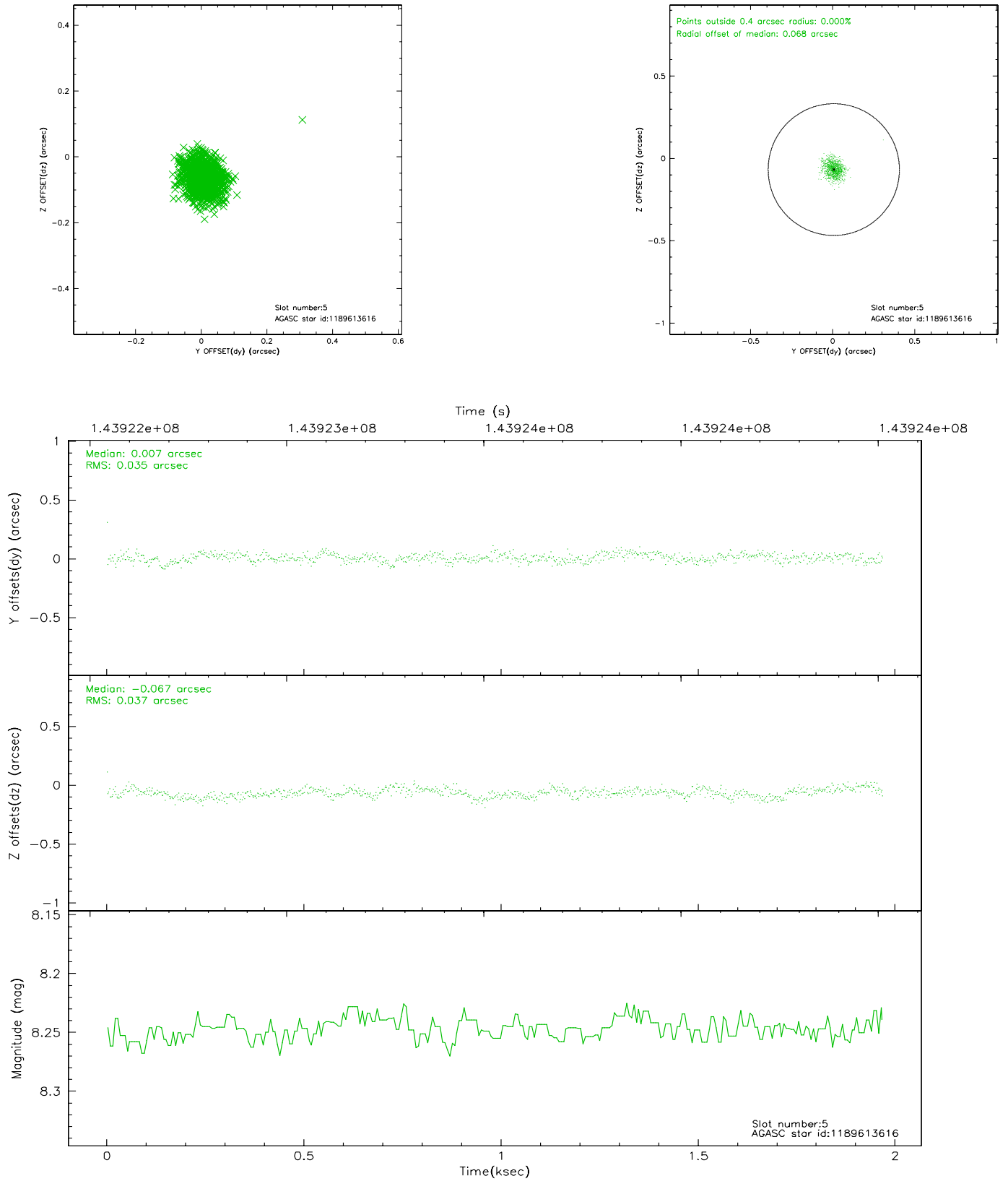
2.4.1 Slot 3



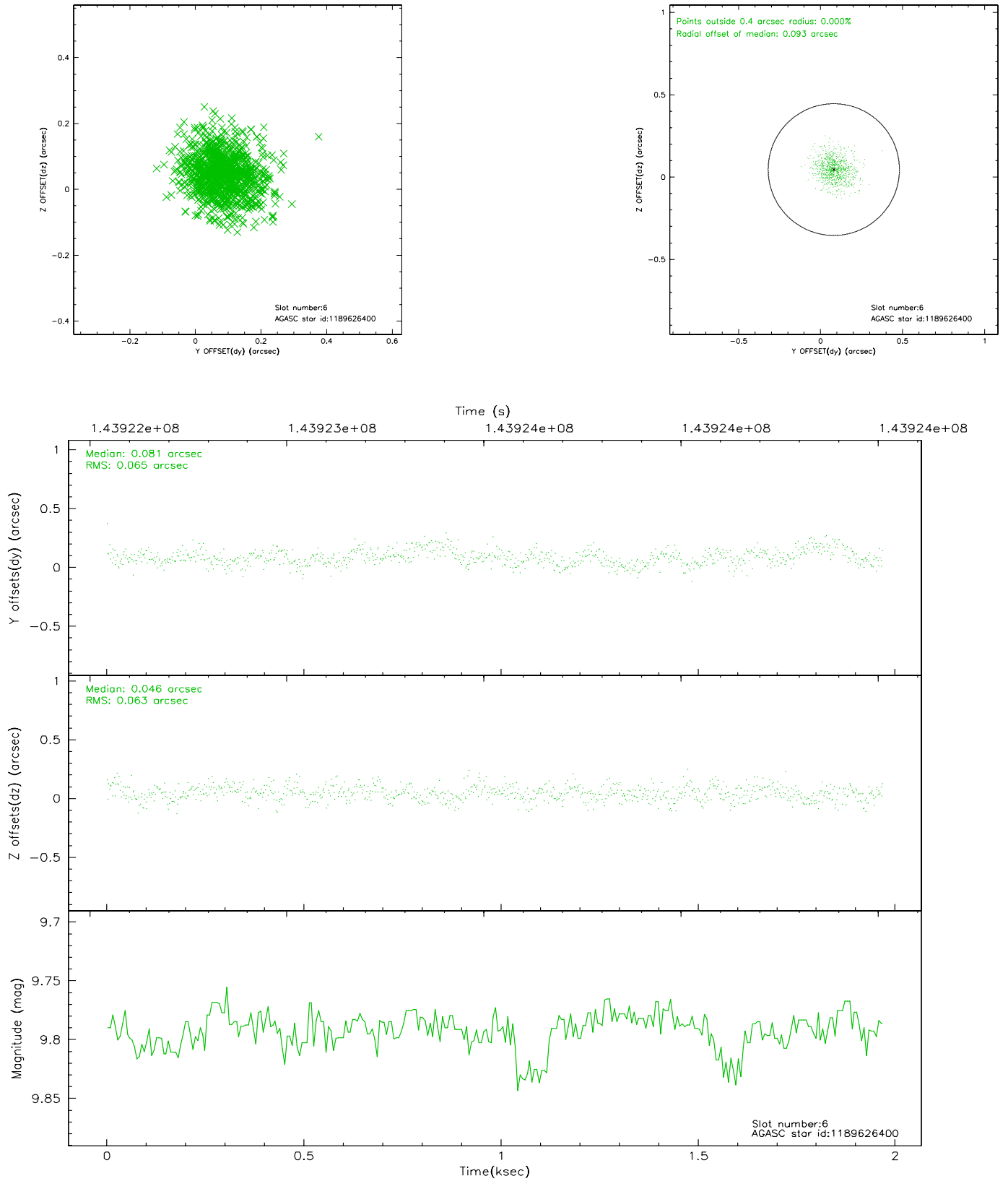
2.4.2 Slot 4



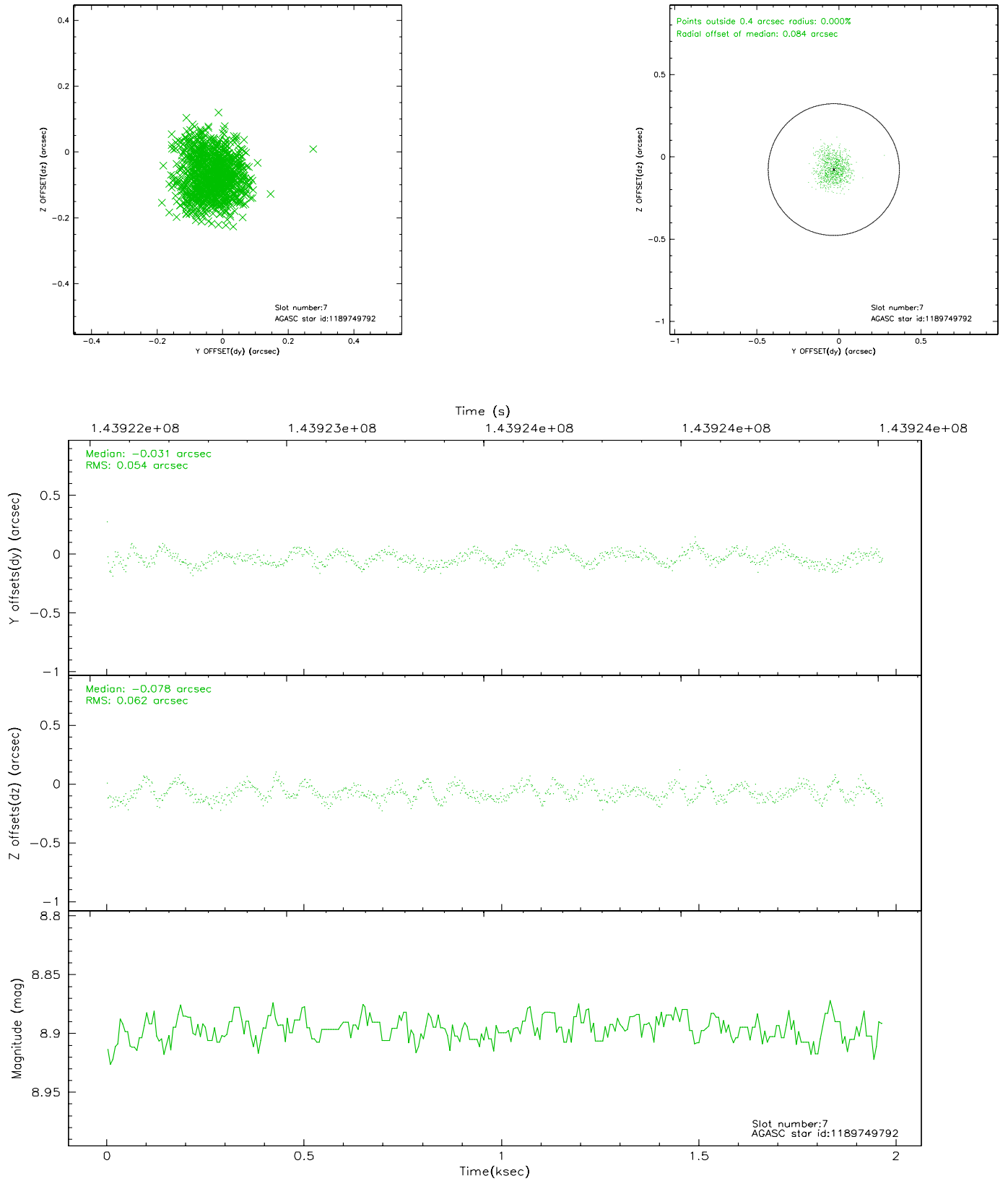
2.4.3 Slot 5



2.4.4 Slot 6

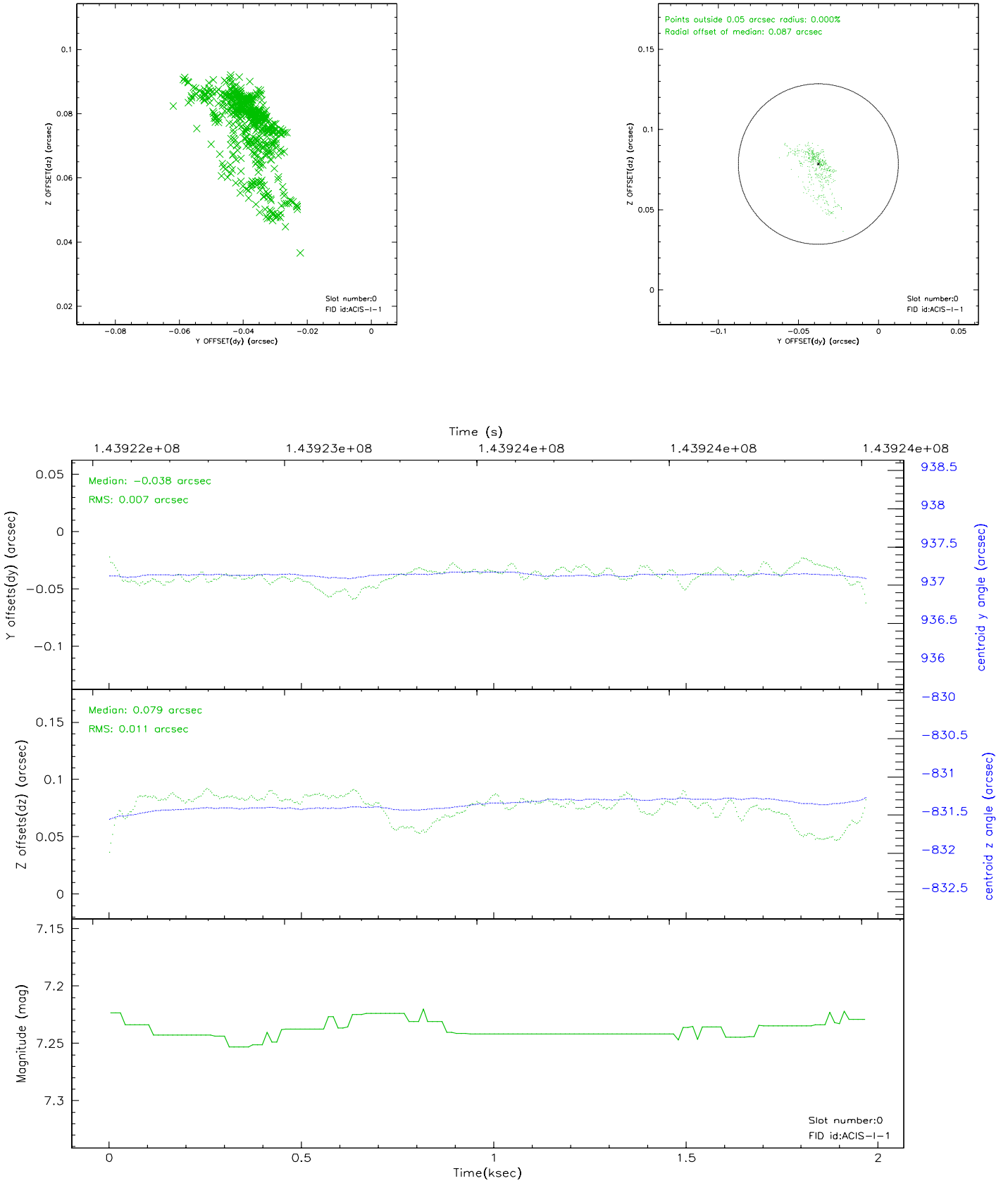


2.4.5 Slot 7

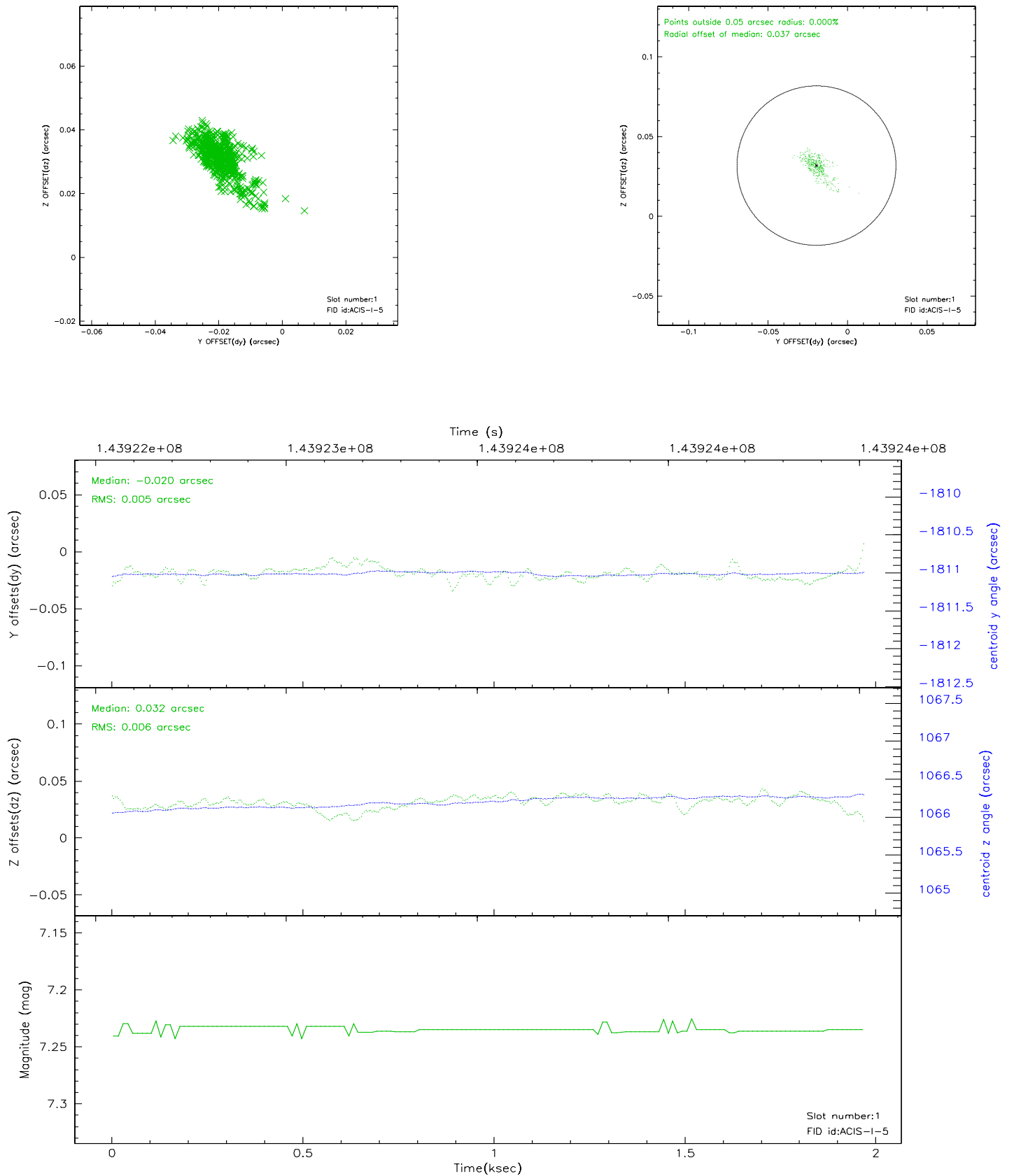


2.5 FID Slots

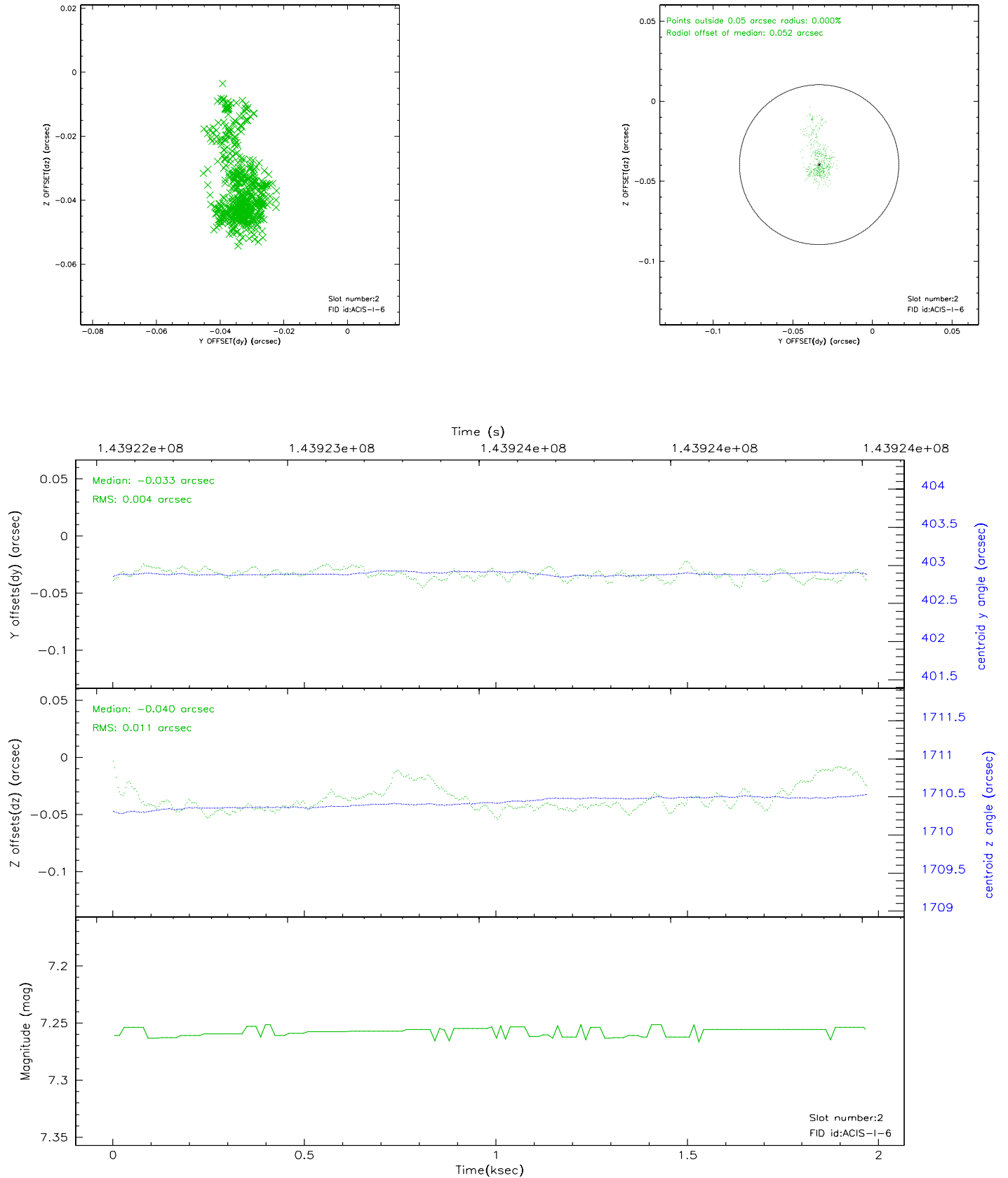
2.5.1 Slot 0



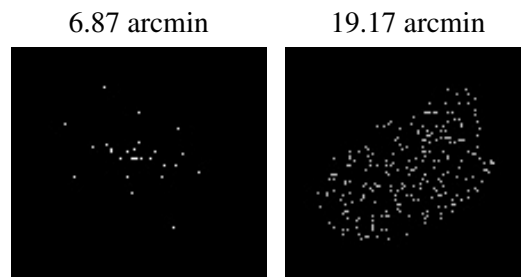
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.43

A.2 Comments