

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3499 - L2 Version 001
Chandra X-Ray Center

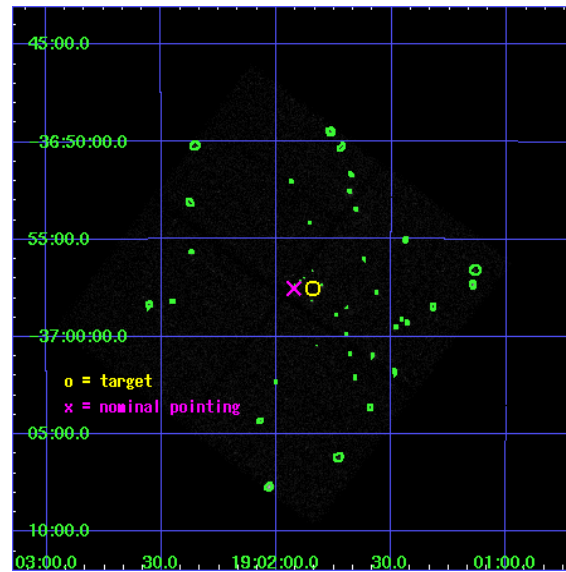
L2 Processing Date : Aug 10 2006

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

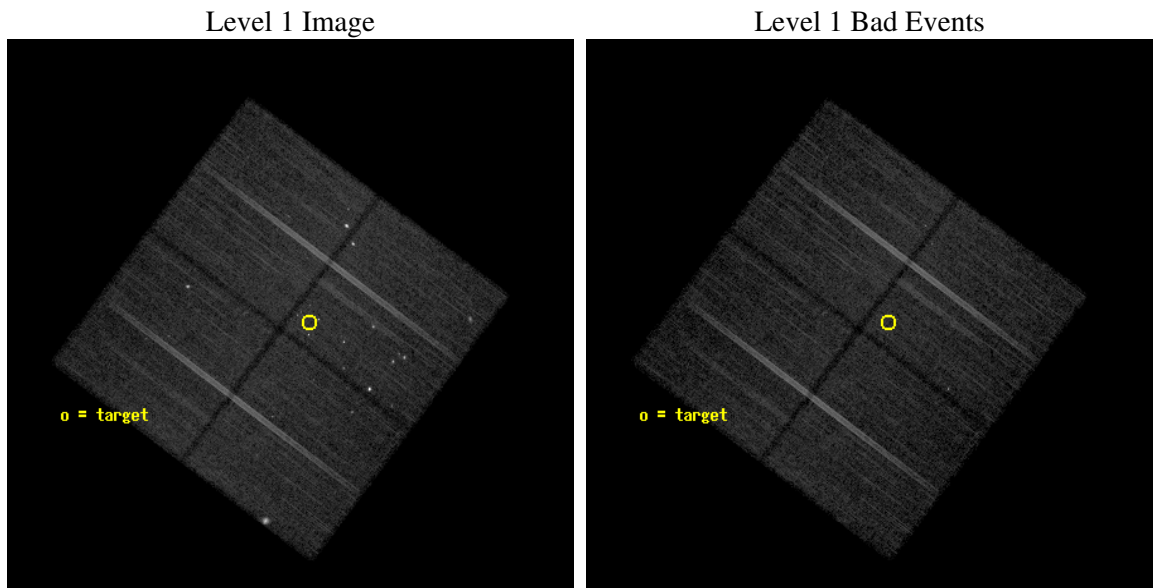
seq_num	200194
obs_id	3499
title	OBSERVATION OF THE CORE OF THE RCRA DARK CLOUD
observer	Professor Gordon Garmire
object	RCRADARKCLOUD
dtcycle	0
cycle	P
ra_targ	285.460833
dec_targ	-36.958333
ra_nom	285.48104447212
dec_nom	-36.958909263677
roll_nom	36.974651462245
revision	2
ontime	38126.736035705
livetime	37628.582160903
ontime0	38126.735985786
ontime1	38139.299926668
ontime2	38126.735975921
ontime3	38126.736035705
l2events	83424



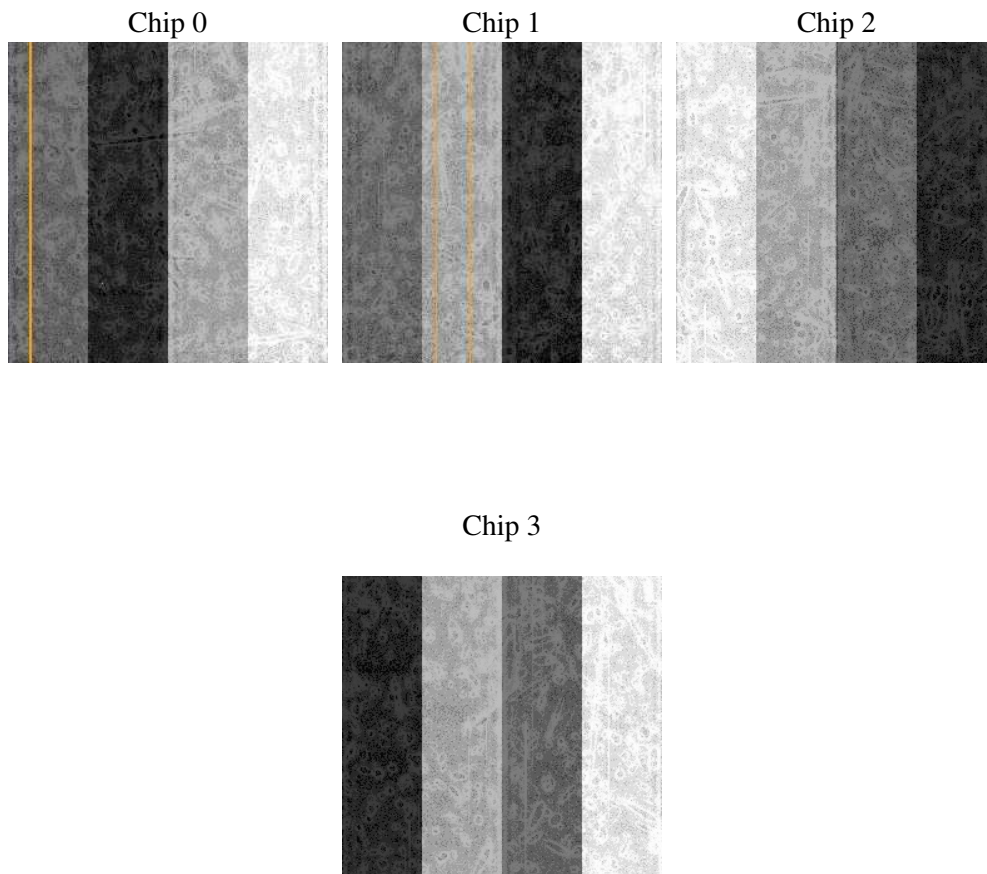
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-10T04:36:10
revision	2

sched_exp_time	38000.000000
ontime	39228.053297758
ontime0	39228.053247839
ontime1	39240.617188722
ontime2	39228.053237975
ontime3	39228.053297758
l1events	733089

2.1.4 Events

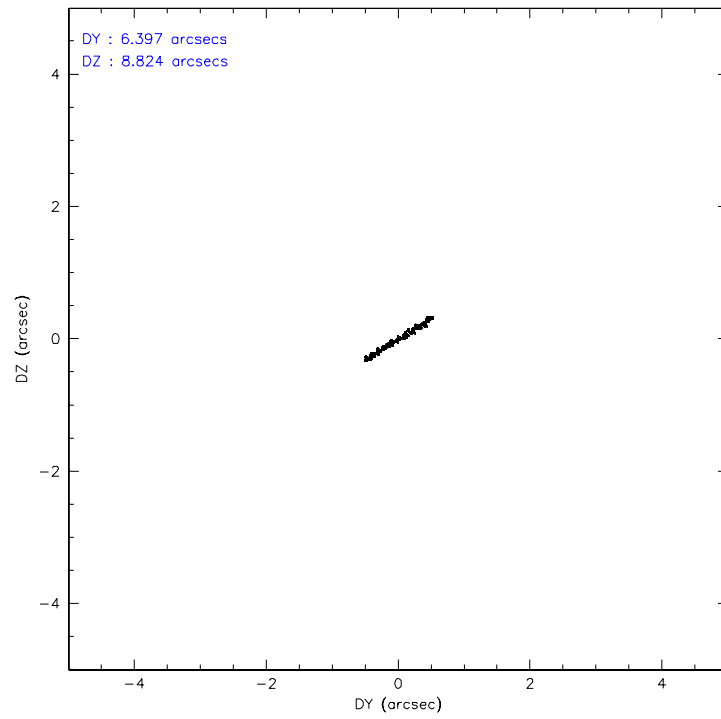
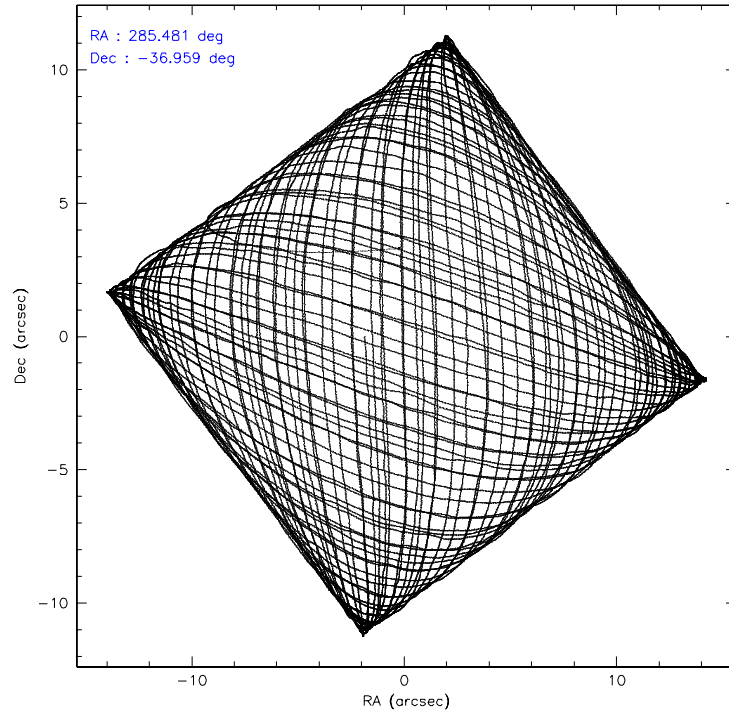
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	166815	171674	196687	197913
rejected events	148811	149211	174284	164677
rejected %	89%	86%	88%	83%

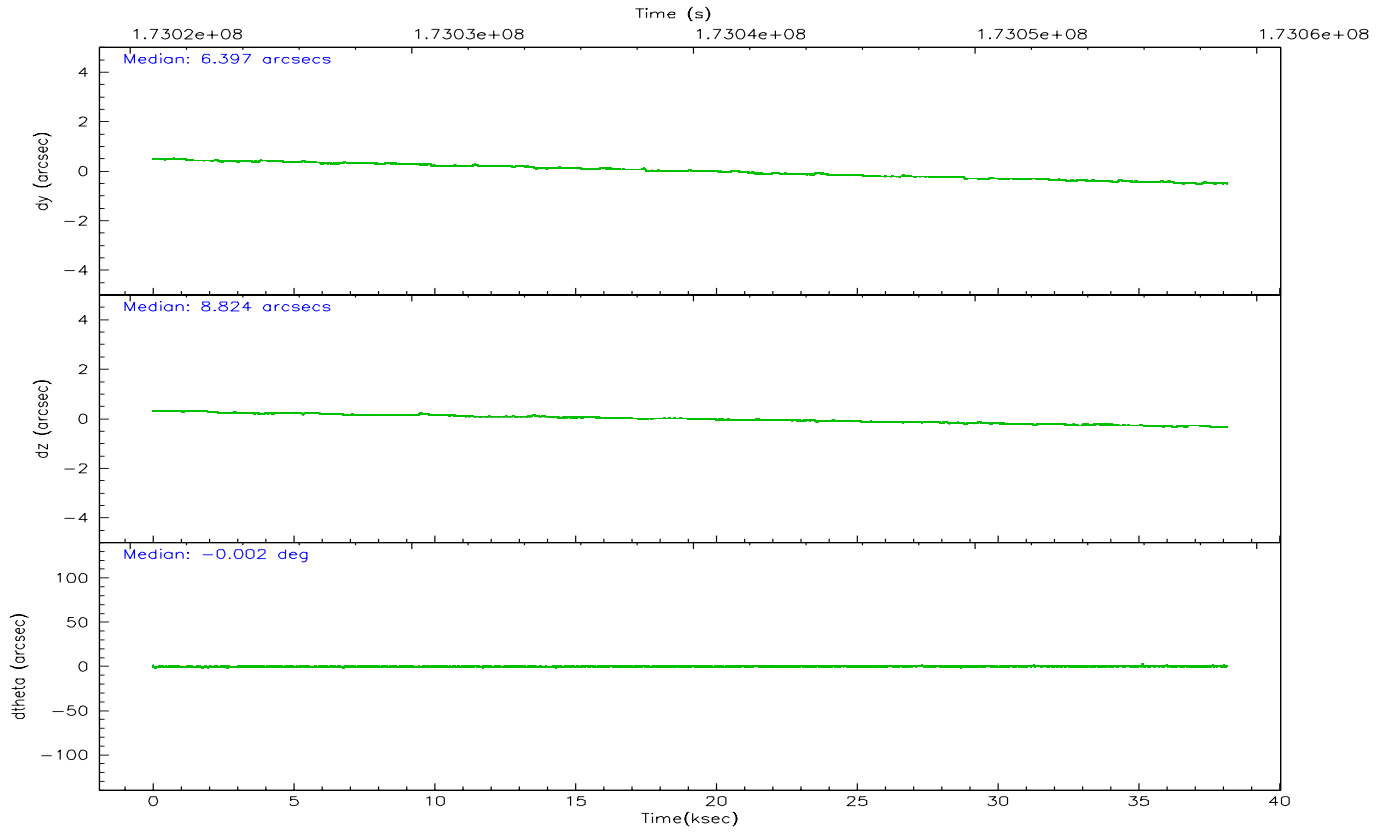
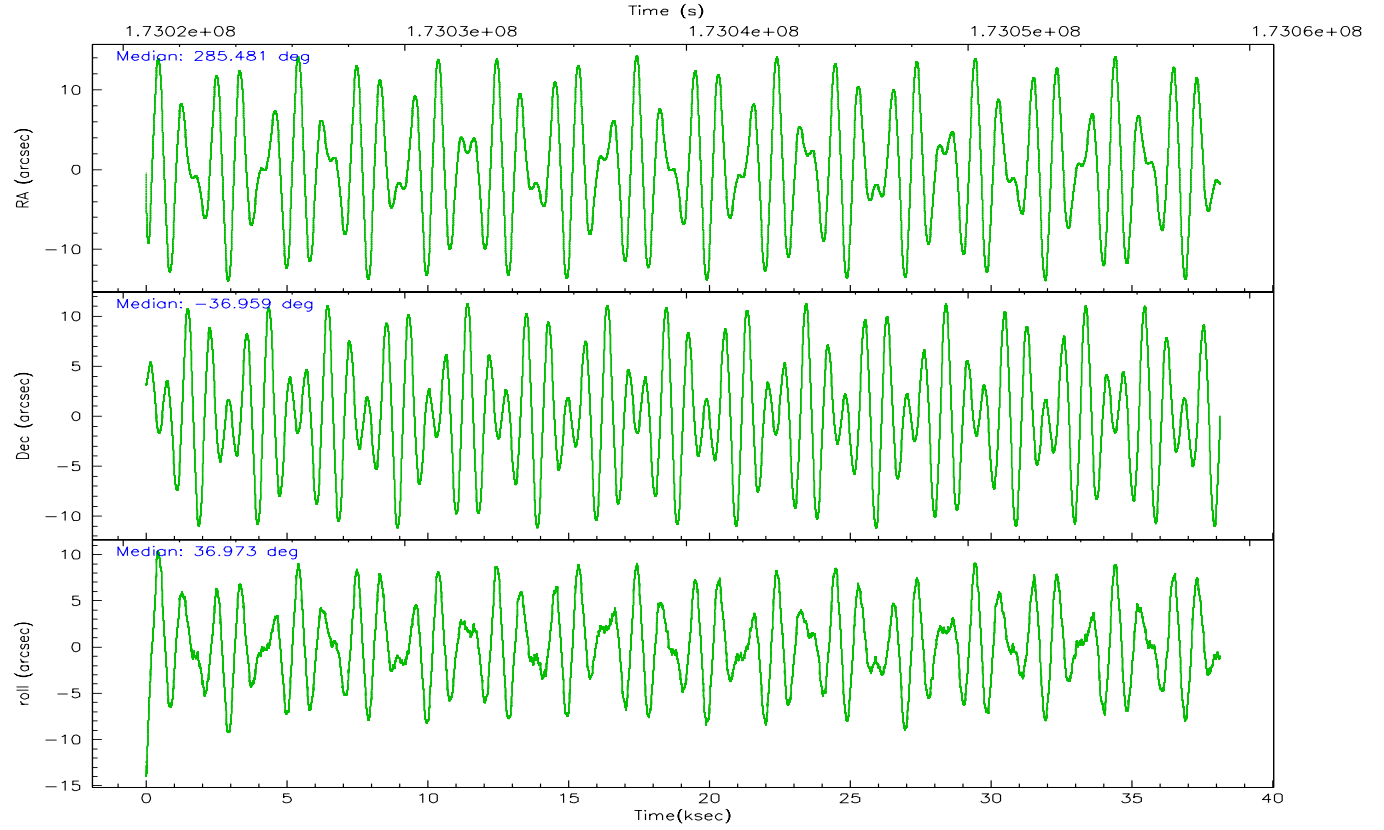
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	7090	10129	11068	20028
	4%	5%	5%	10%
grade 1 events	83	95	181	319
	0%	0%	0%	0%
grade 2 events	3916	4215	4434	5233
	2%	2%	2%	2%
grade 3 events	2210	2389	2084	2565
	1%	1%	1%	1%
grade 4 events	1954	2337	2107	2429
	1%	1%	1%	1%
grade 5 events	5585	5951	5198	6322
	3%	3%	2%	3%
grade 6 events	3366	3954	3220	3554
	2%	2%	1%	1%
grade 7 events	142611	142604	168395	157463
	85%	83%	85%	79%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	285.467780	285.481044472118	Alternating exposures requested	N	N
Pointing Dec	-36.984147	-36.95890926367736	Primary exposure time	0.000000	3.1
Pointing Roll	36.757986	36.97465146224518			
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	173020945.184000	173019490.36049			
Observation start date	2003-06-26T13:21:21	2003-06-26T12:58:10			
Observation end time	173058945.184000	173060168.51222			
Observation end date	2003-06-26T23:54:41	2003-06-27T00:16:08			
Read mode	TIMED	TIMED			

2.3 Aspect



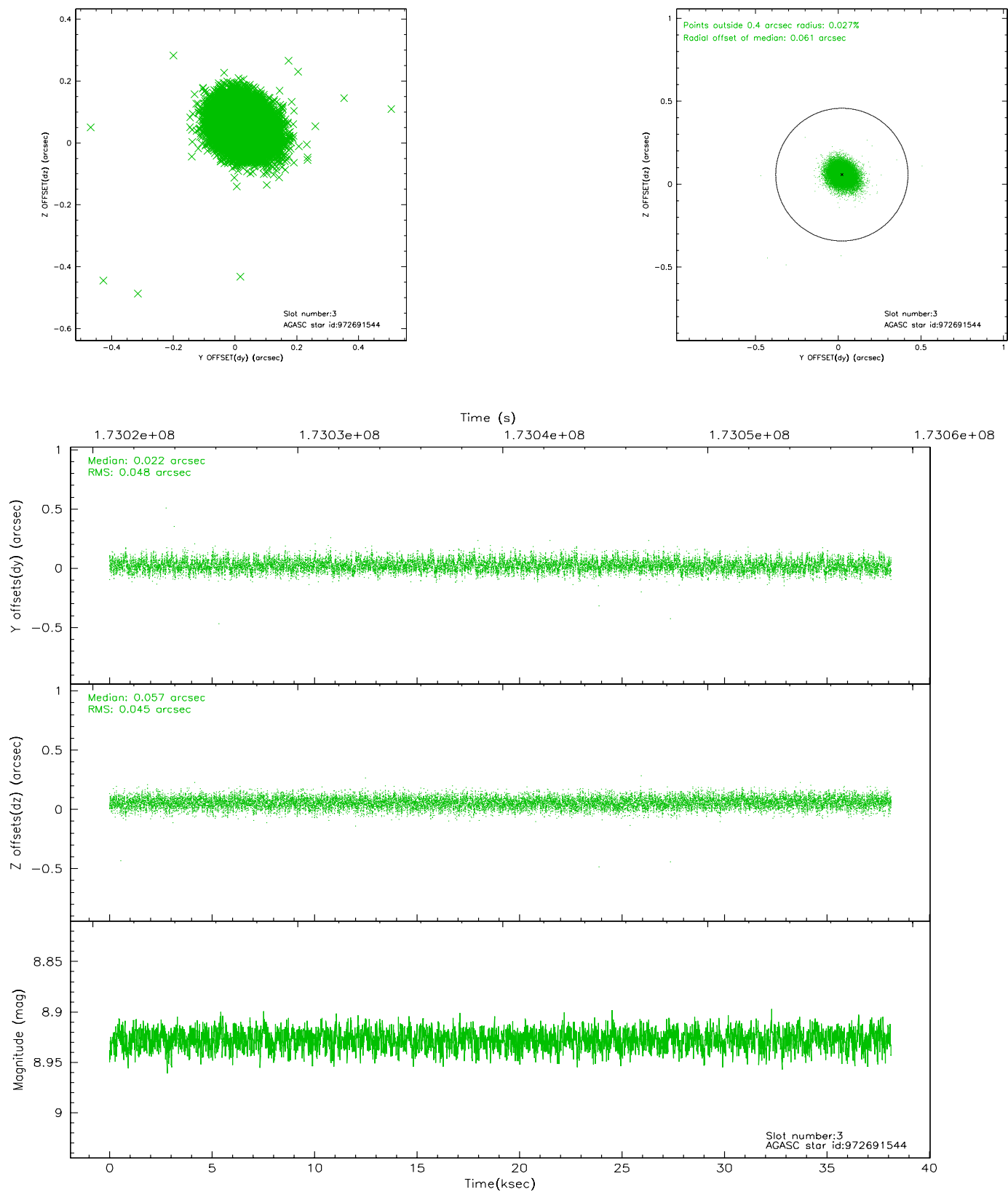


Slot Statistics

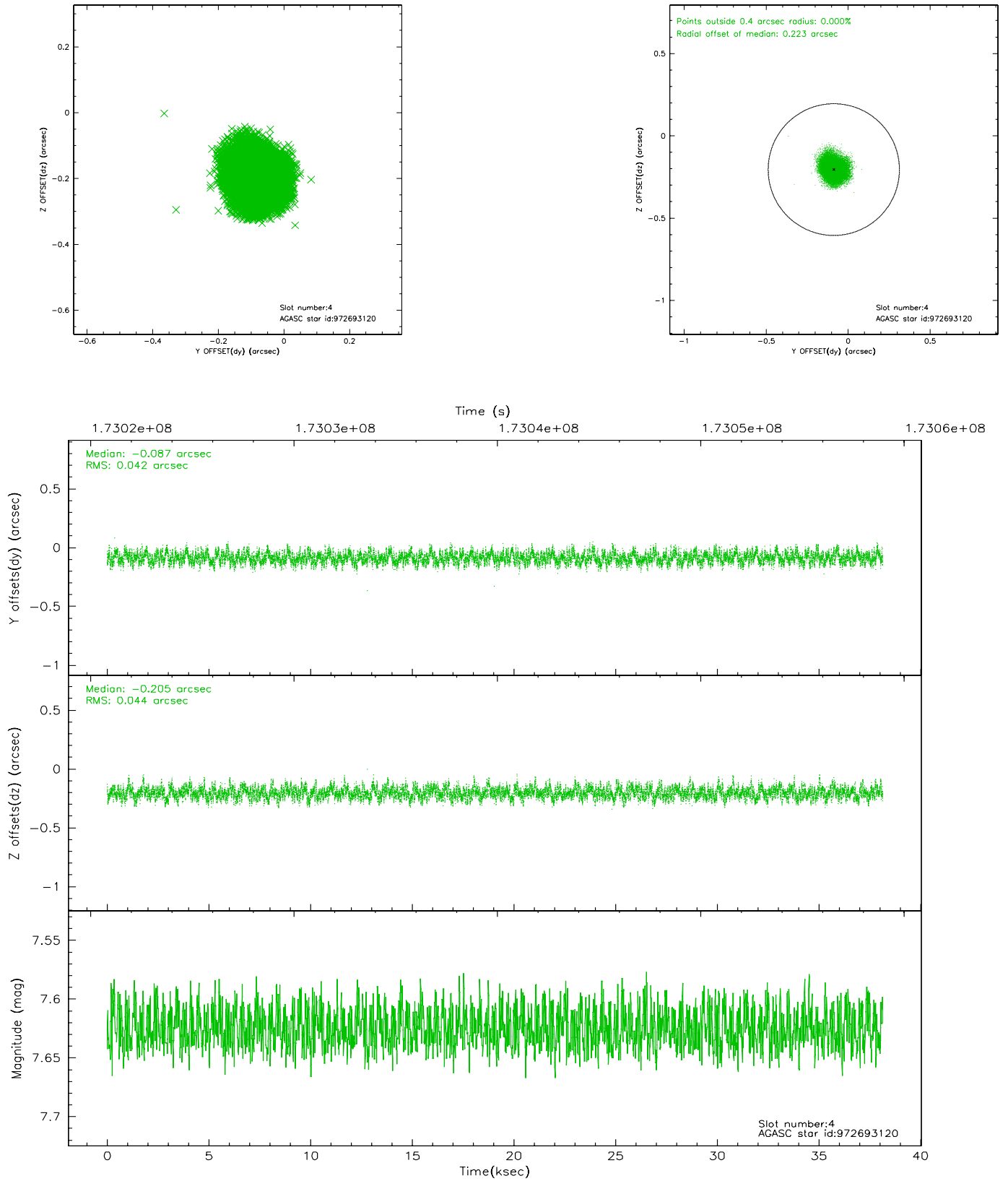
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	9304	-0.025	0.078	0.011	0.028	0.000000	0.000000	933.28	-832.18
1	FID	ACIS-I-5	7.23	9302	-0.096	0.026	0.011	0.027	0.000000	0.000000	-1814.90	1065.24
2	FID	ACIS-I-6	7.26	9303	0.030	-0.033	0.008	0.014	0.000000	0.000000	398.84	1709.72
3	GUIDE	972691544	8.93	18602	0.022	0.057	0.069	0.112	284.930895	-36.788005	-820.10	1488.61
4	GUIDE	972693120	7.62	18609	-0.087	-0.205	0.065	0.103	285.412210	-36.890704	73.14	365.22
5	GUIDE	972698608	9.27	18532	-0.003	-0.010	0.074	0.120	285.647031	-36.601212	1239.94	794.20
6	GUIDE	972816680	9.14	18604	0.016	0.125	0.083	0.138	286.054324	-36.904693	1521.11	-785.13
7	GUIDE	972689192	8.91	18596	0.051	0.031	0.074	0.120	284.589186	-37.133486	-2348.63	1069.04

2.4 Star Slots

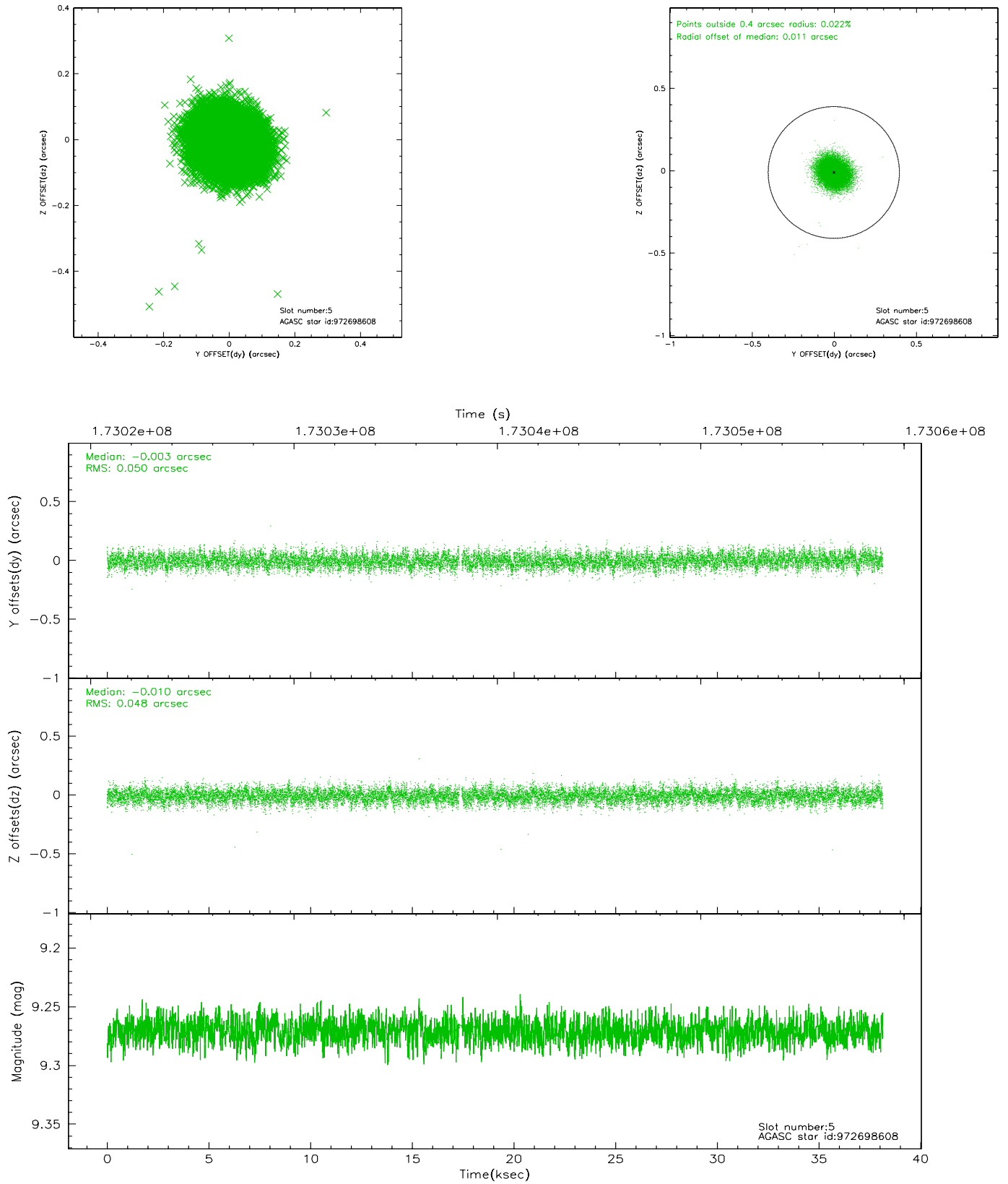
2.4.1 Slot 3



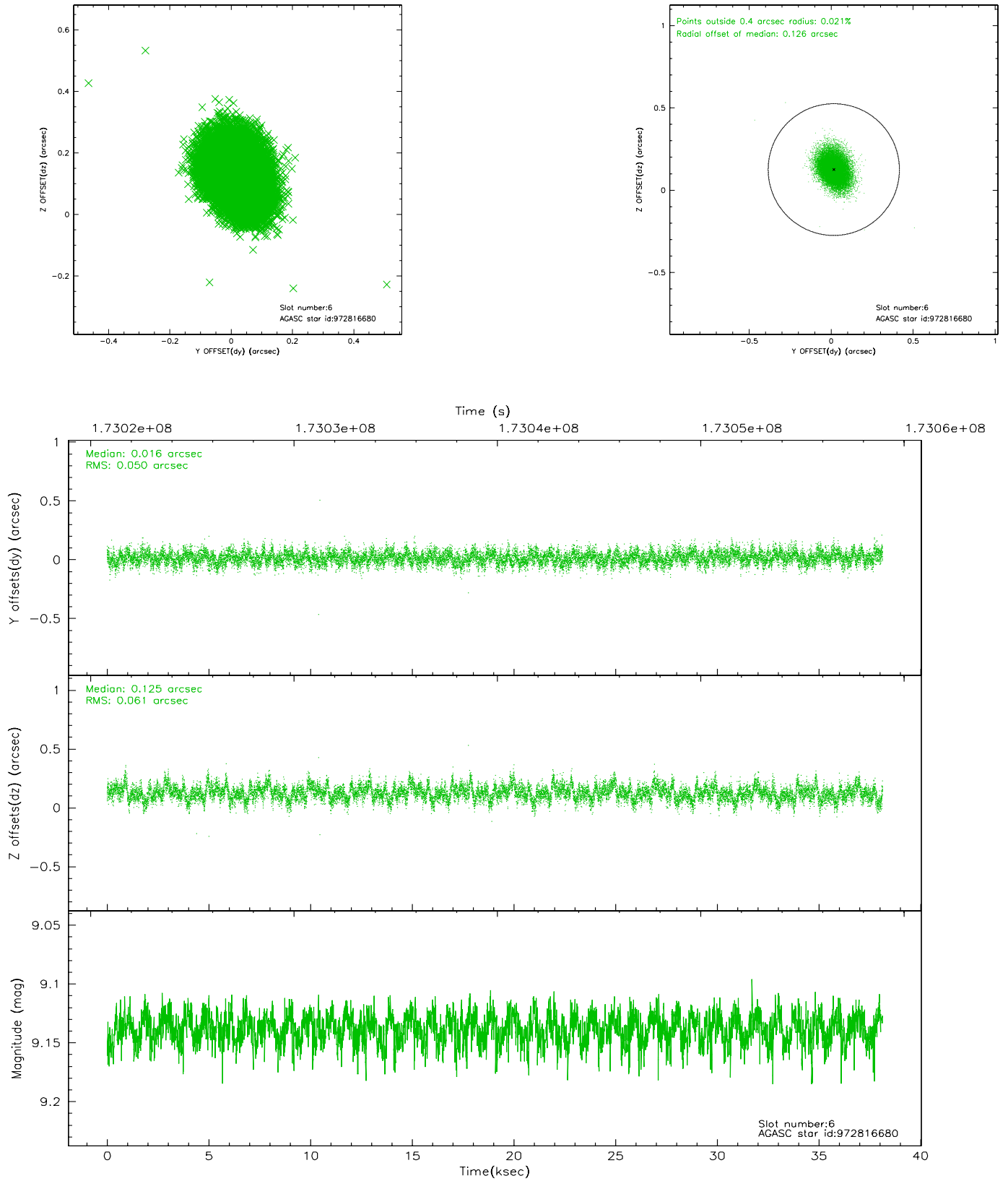
2.4.2 Slot 4



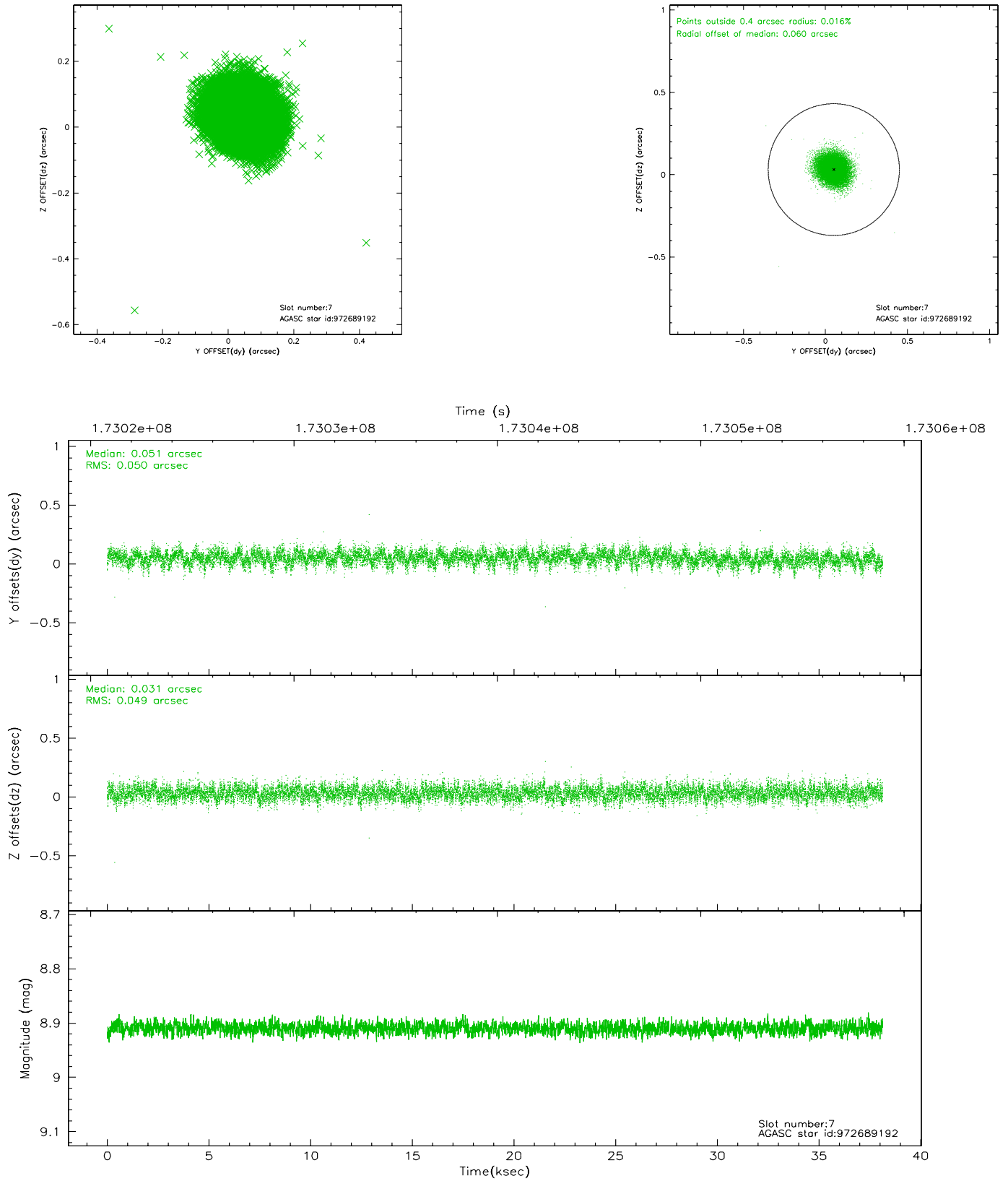
2.4.3 Slot 5



2.4.4 Slot 6

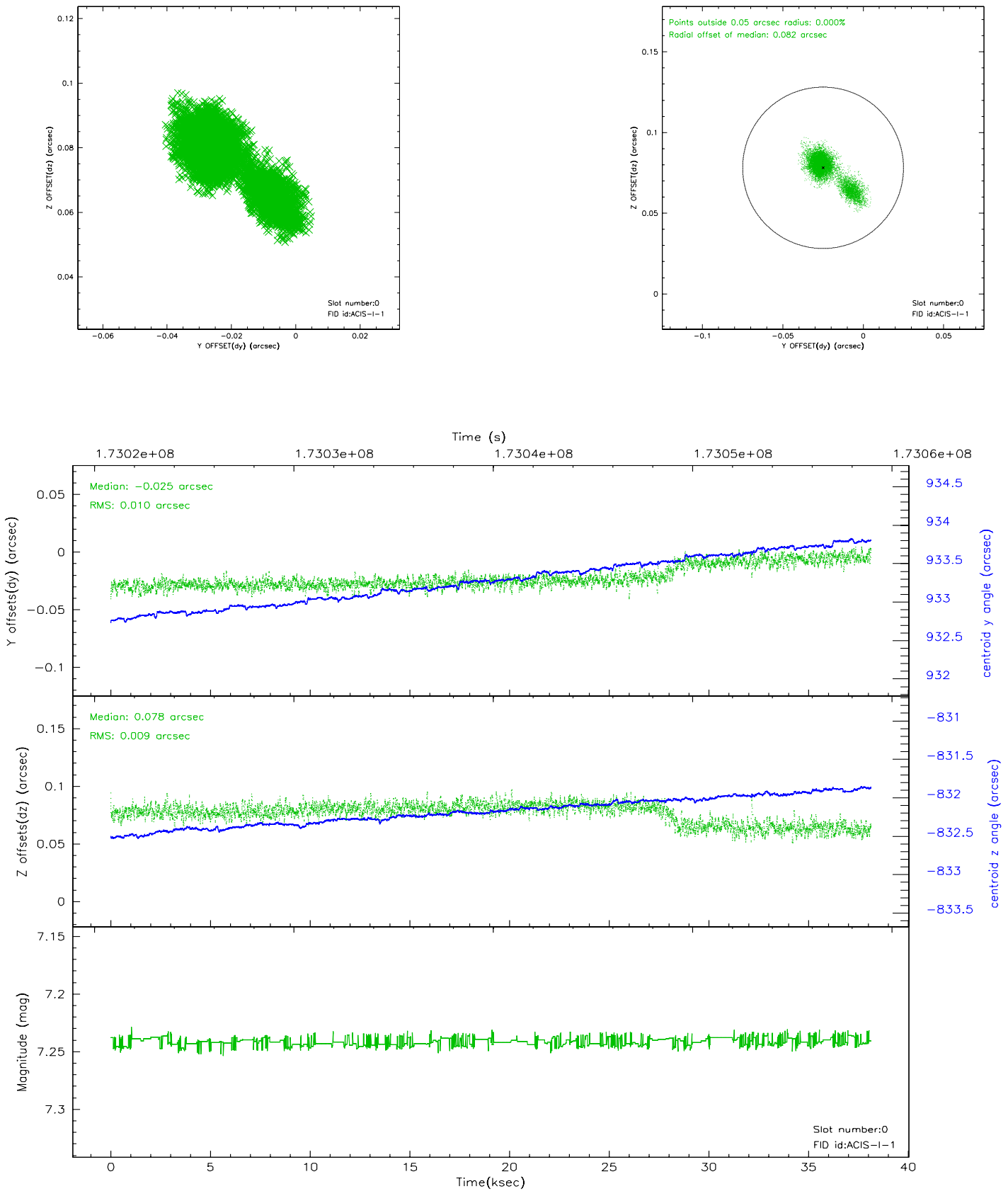


2.4.5 Slot 7

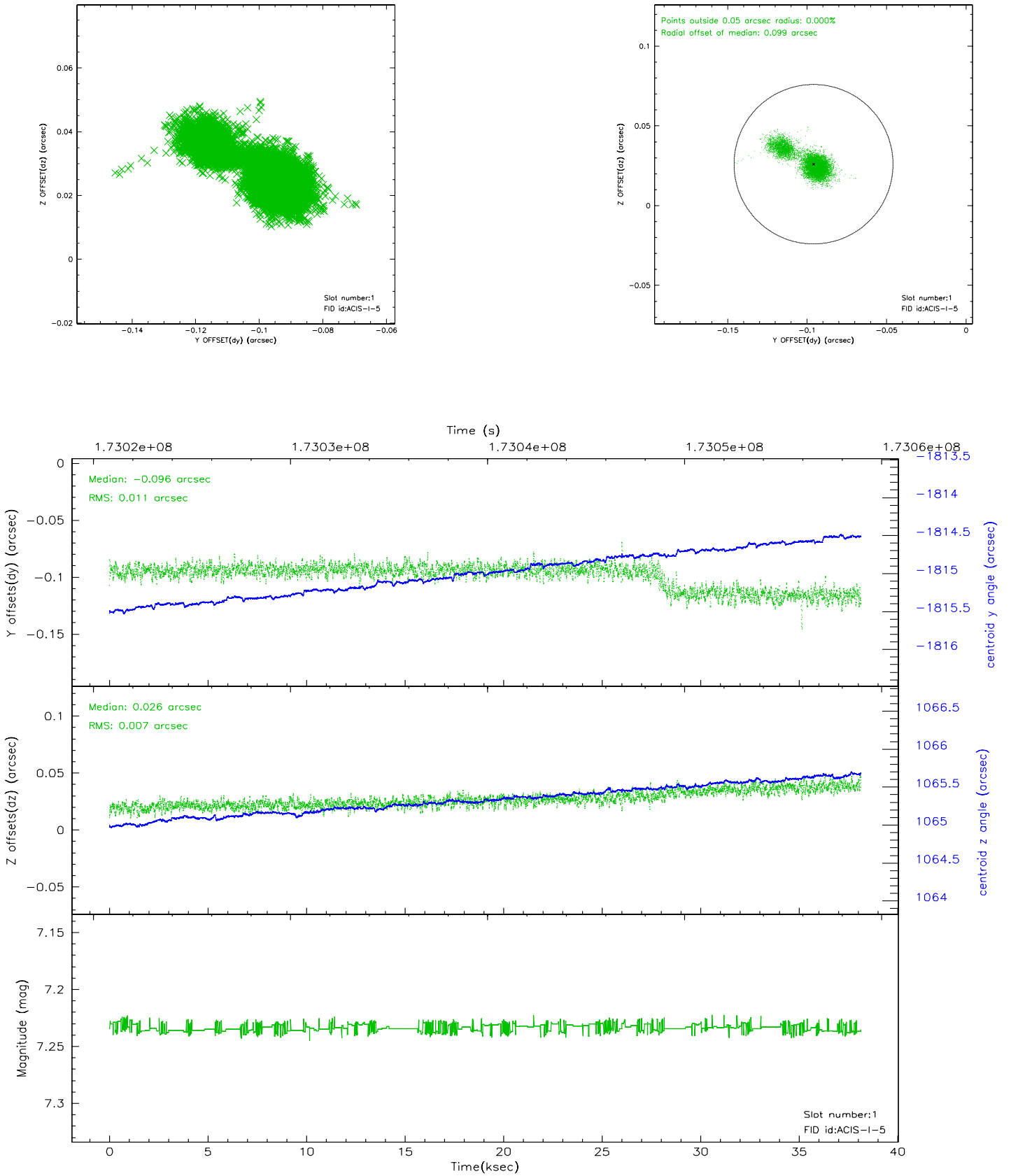


2.5 FID Slots

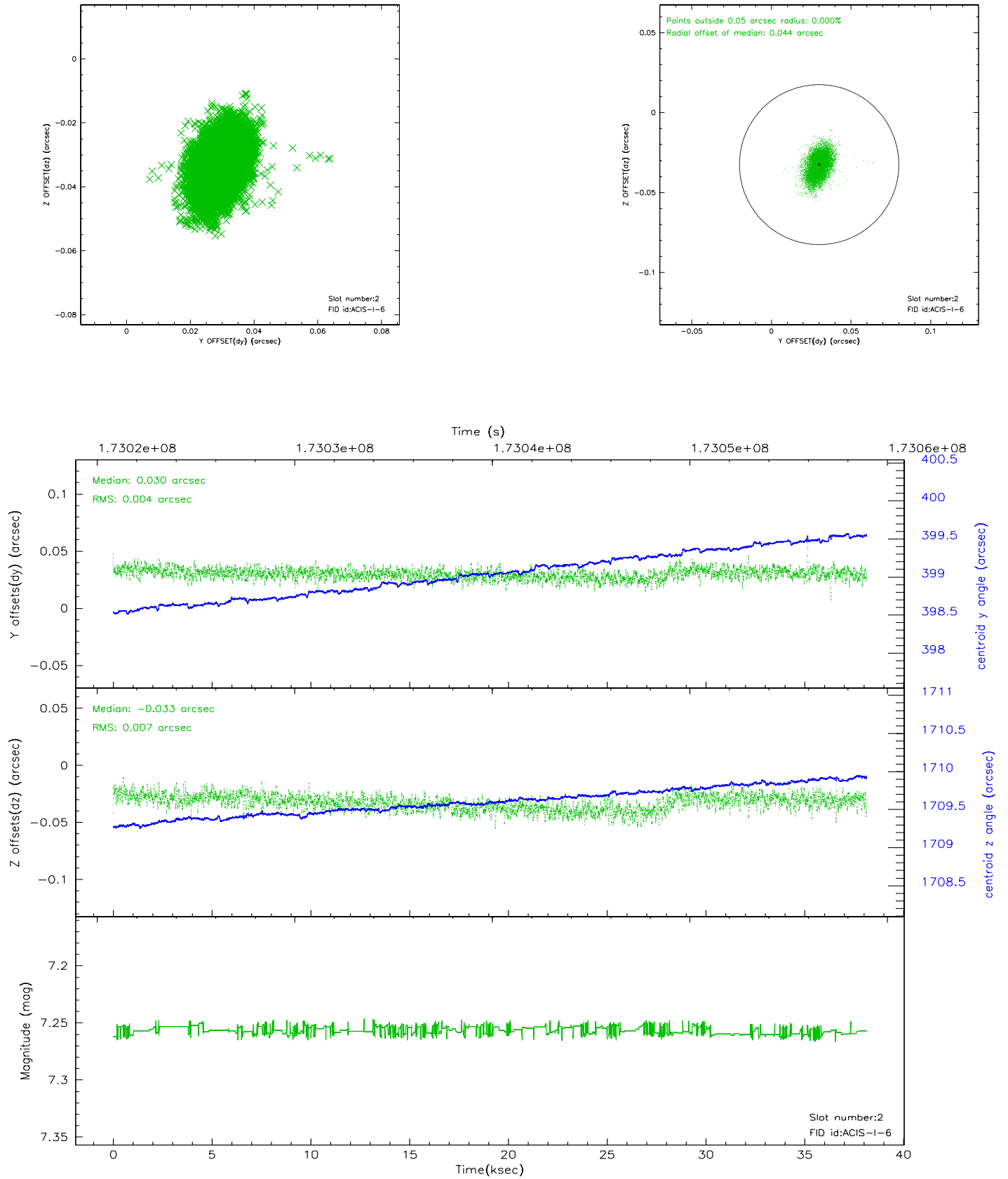
2.5.1 Slot 0



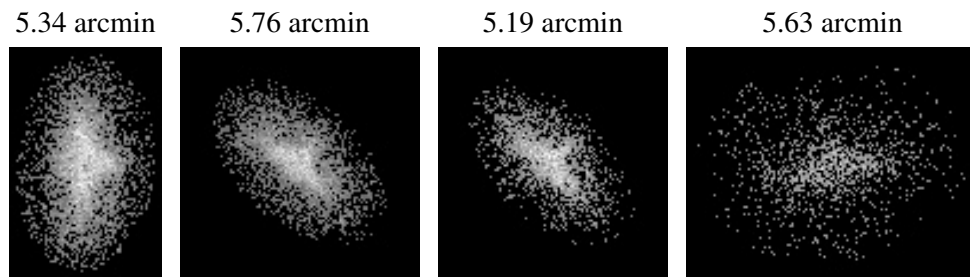
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.126

A.2 Comments