

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4944 - L2 Version 001
Chandra X-Ray Center

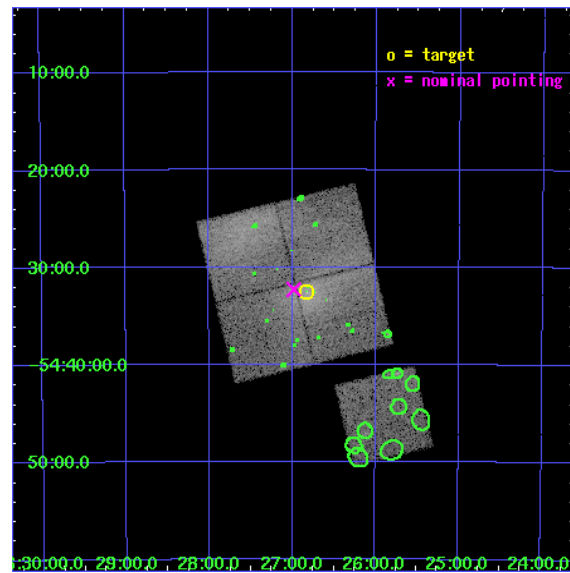
L2 Processing Date : Apr 29 2006

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

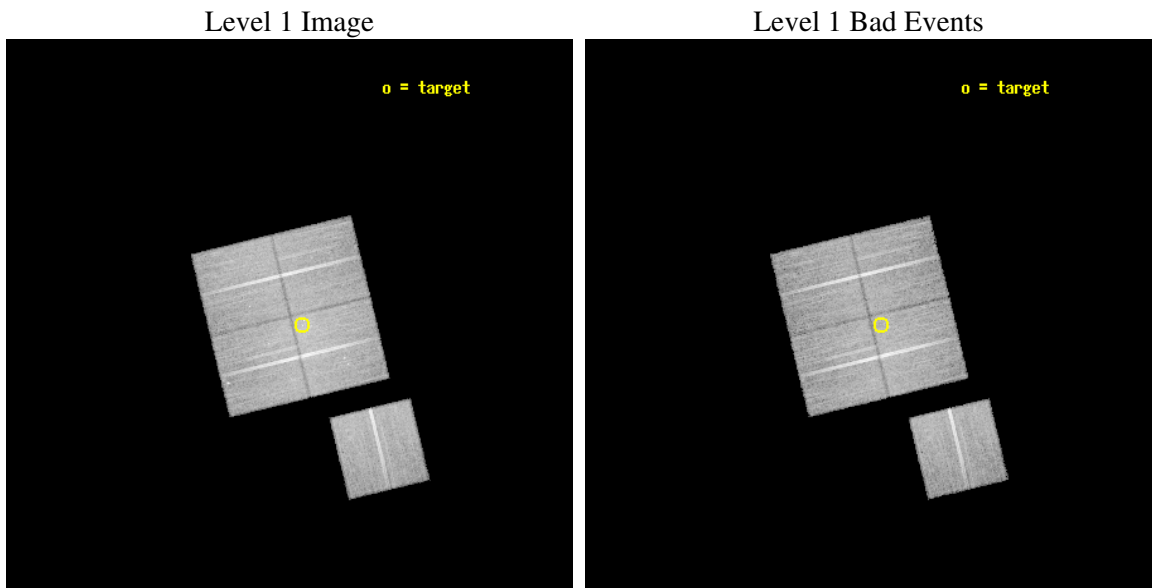
seq_num	800395
obs_id	4944
title	THE HIFLUGCS CLUSTER SURVEY: A CORNERSTONE FOR COSMOLOGY
observer	Dr. Thomas Reiprich
object	A3395s
dtcycle	0
cycle	P
ra_targ	96.7065
dec_targ	-54.5431
ra_nom	96.745405951621
dec_nom	-54.538240471382
roll_nom	166.40956322328
revision	2
ontime	22174.217977017
livetime	21884.495494726
ontime0	22180.499957353
ontime1	22171.077046603
ontime2	22174.217977017
ontime3	22174.218026847
ontime6	22180.499957353
l2events	103339



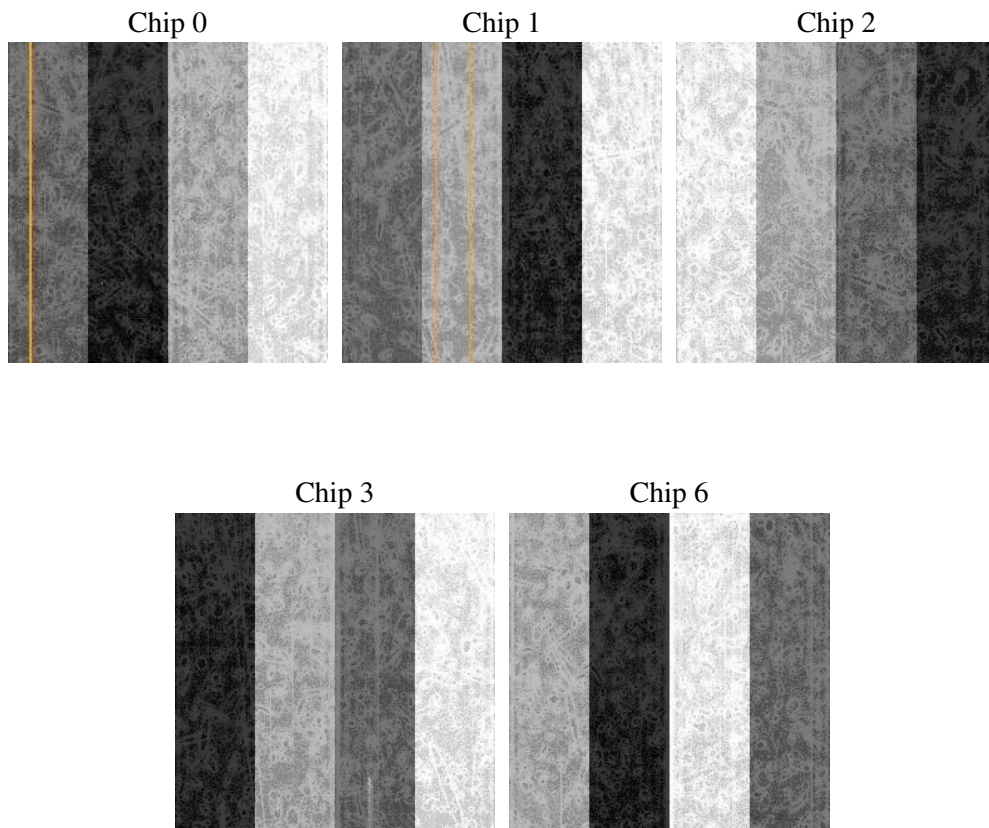
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-29T17:15:23
revision	2

sched_exp_time	22000.000000
ontime	22495.869898587
ontime0	22502.151908845
ontime1	22492.728968173
ontime2	22495.869898587
ontime3	22495.869948417
ontime6	22505.292899013
l1events	760916

2.1.4 Events

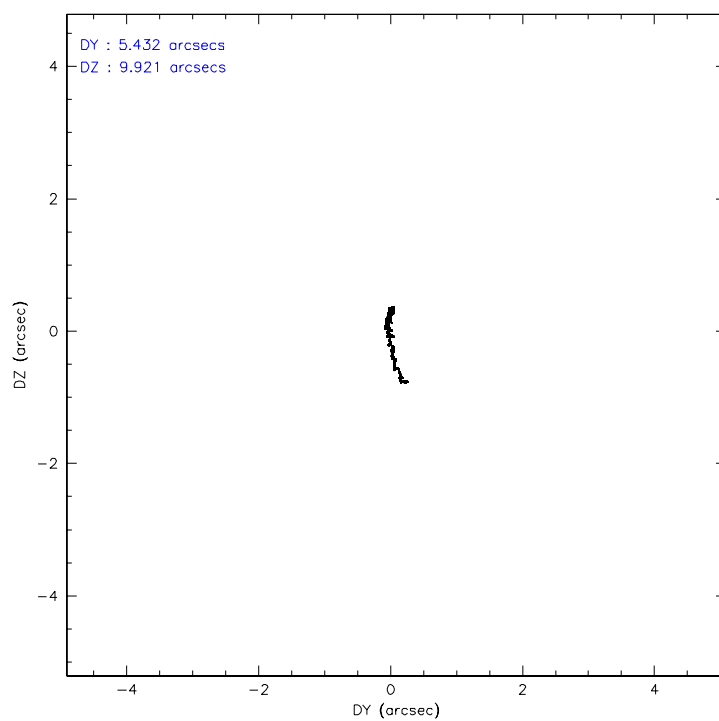
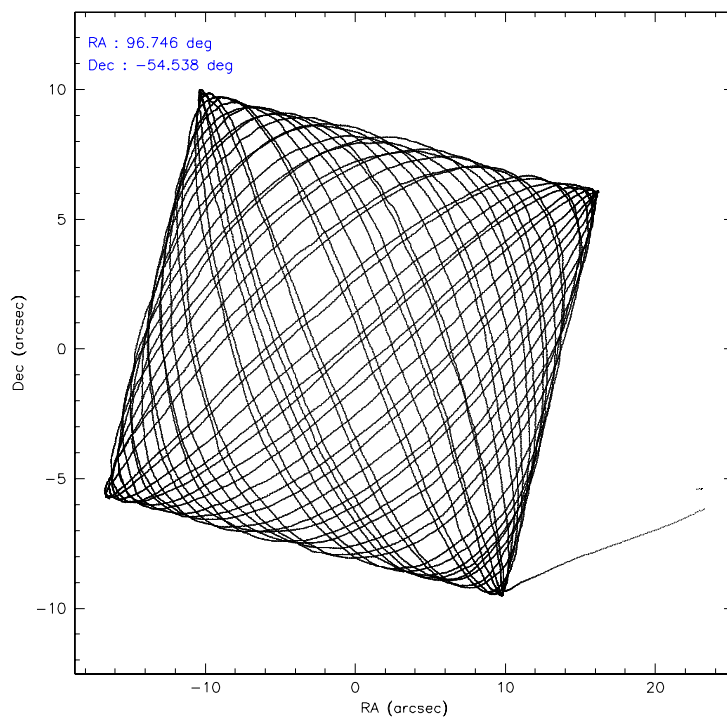
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	146554	150885	168011	153122	142344
rejected events	122439	119483	140259	133850	126816
rejected %	83%	79%	83%	87%	89%

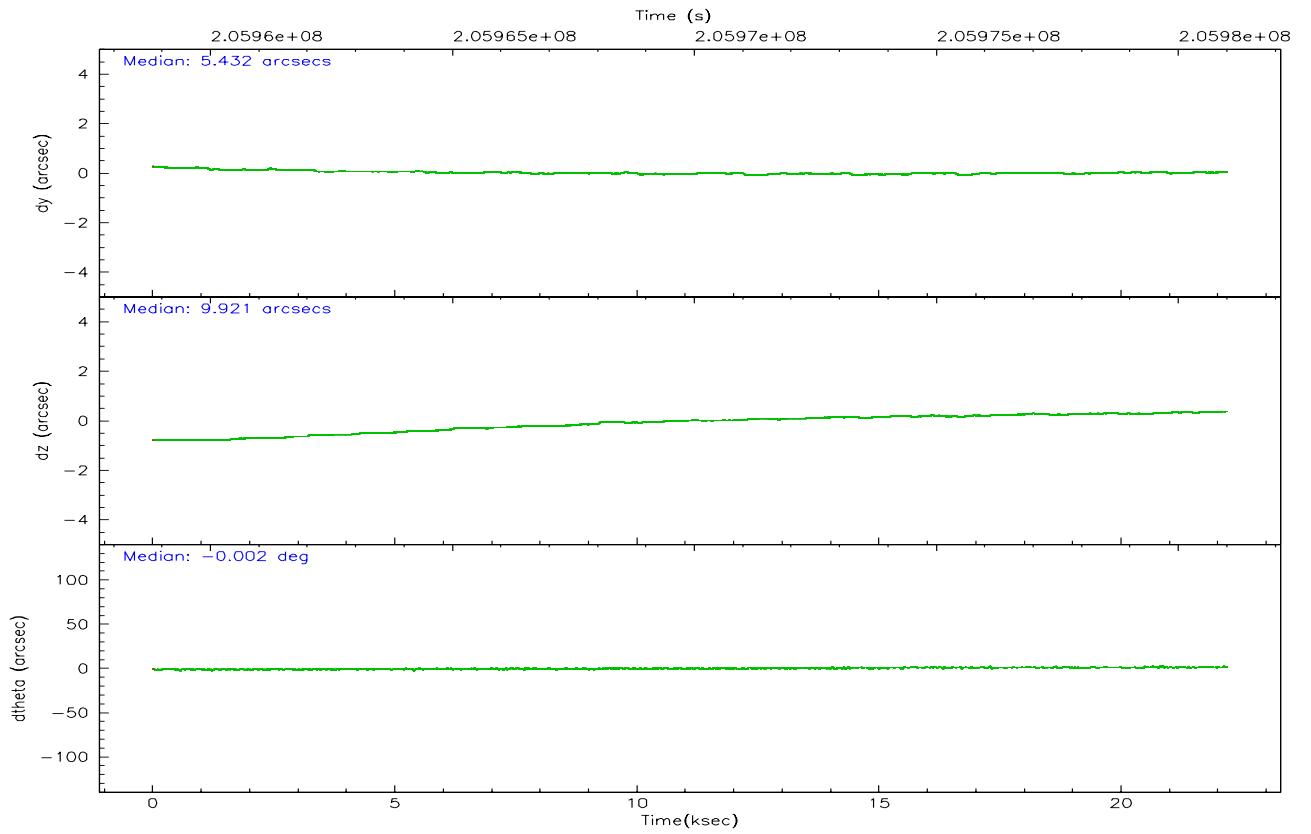
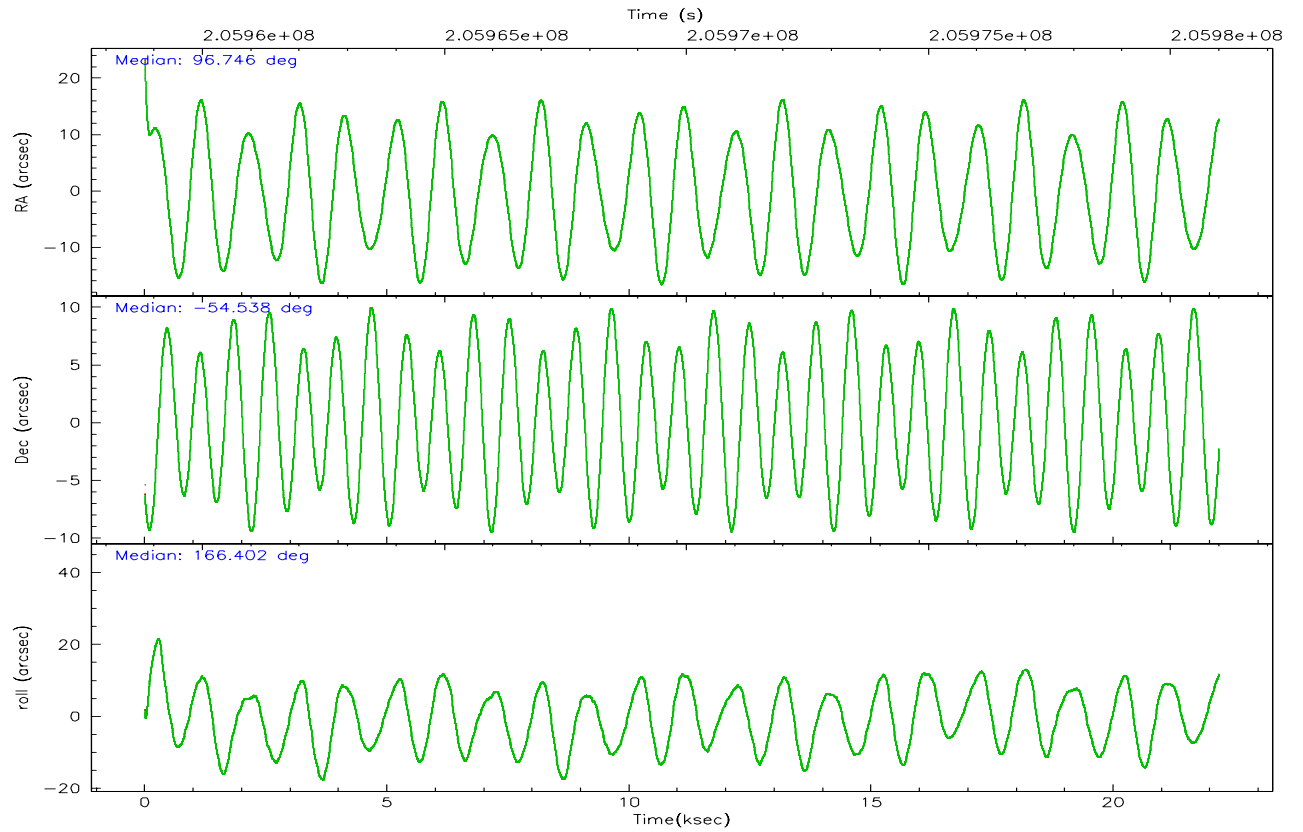
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	13259	18525	16507	9799	6123
	9%	12%	9%	6%	4%
grade 1 events	102	115	150	90	81
	0%	0%	0%	0%	0%
grade 2 events	4503	5016	4640	3439	3213
	3%	3%	2%	2%	2%
grade 3 events	1947	2272	1994	1721	1680
	1%	1%	1%	1%	1%
grade 4 events	1857	2296	2003	1755	1616
	1%	1%	1%	1%	1%
grade 5 events	5113	5422	4719	5620	5469
	3%	3%	2%	3%	3%
grade 6 events	2853	3628	2892	2796	3105
	1%	2%	1%	1%	2%
grade 7 events	116920	113611	135106	127902	121057
	79%	75%	80%	83%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	96.790572	96.74540595162078	Alternating exposures requested	N	N
Pointing Dec	-54.530362	-54.53824047138233	Primary exposure time	0.000000	3.1
Pointing Roll	166.237681	166.4095632232763			
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	205959011.184000	205957858.08021			
Observation start date	2004-07-11T18:49:07	2004-07-11T18:30:58			
Observation end time	205981011.184000	205981745.70627			
Observation end date	2004-07-12T00:55:47	2004-07-12T01:09:05			
Read mode	TIMED	TIMED			

2.3 Aspect



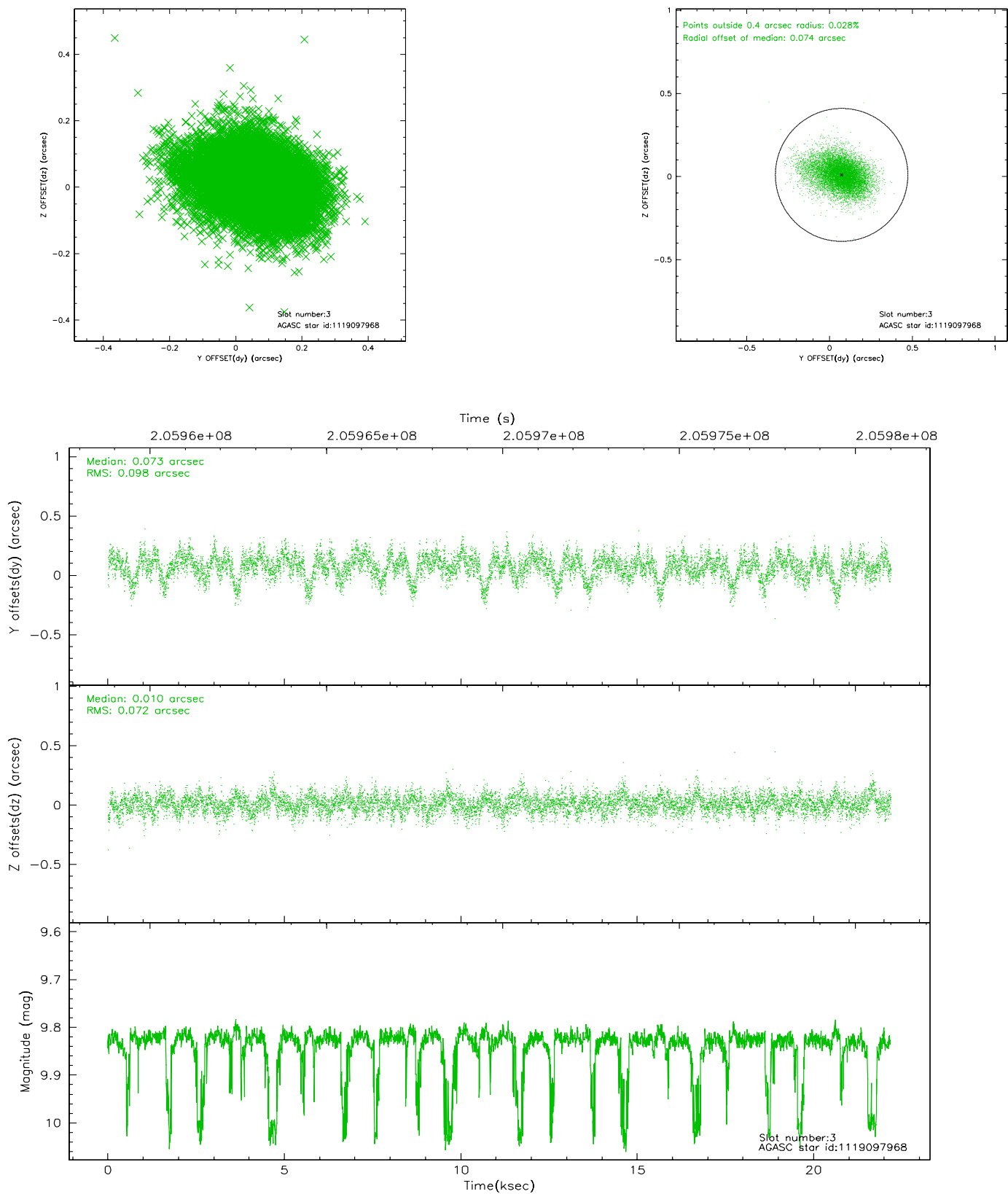


Slot Statistics

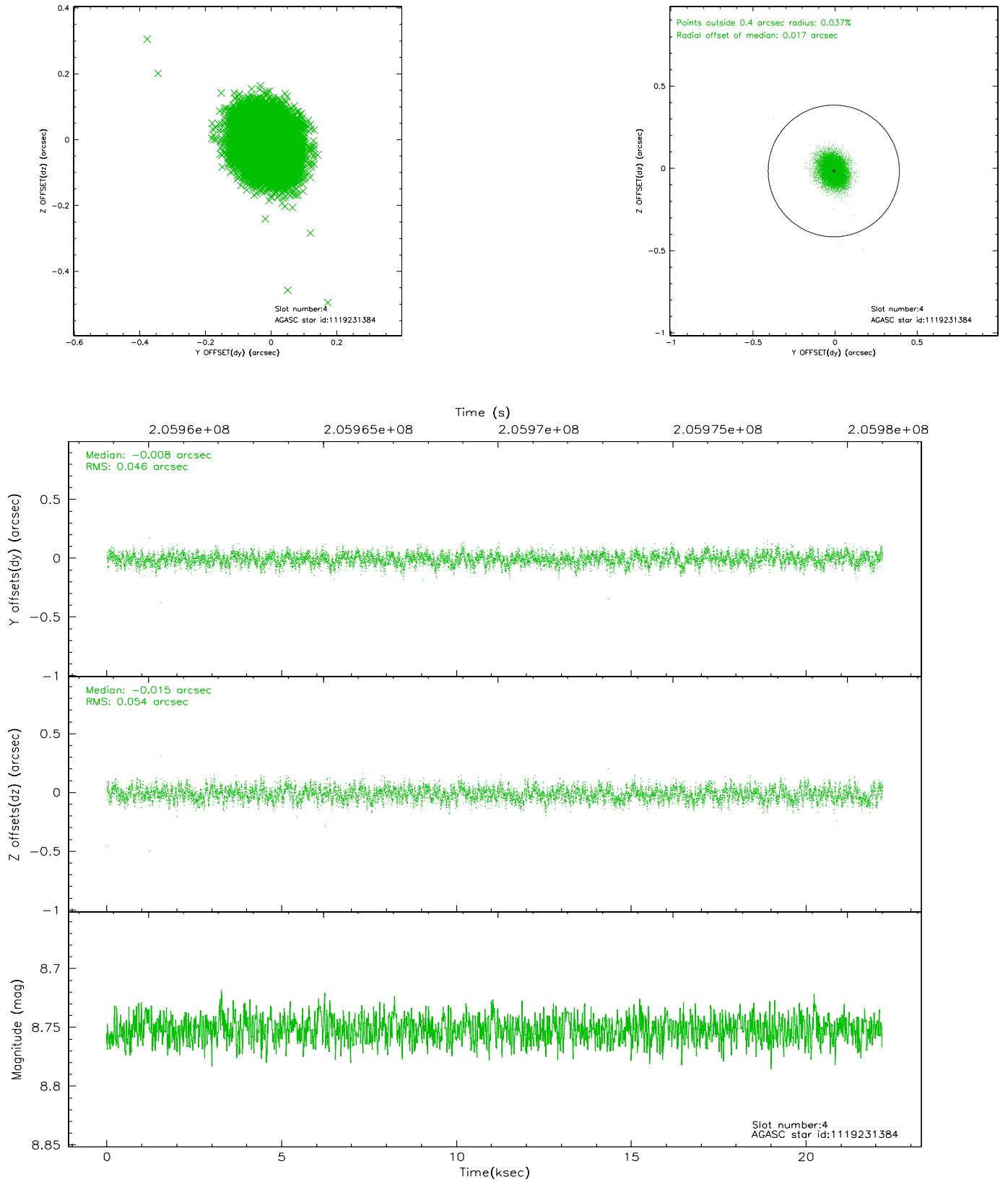
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	5411	-0.017	0.050	0.016	0.026	0.000000	0.000000	934.25	-833.23
1	FID	ACIS-I-5	7.22	5412	-0.124	0.020	0.006	0.011	0.000000	0.000000	-1813.88	1064.15
2	FID	ACIS-I-6	7.25	5412	0.049	0.000	0.014	0.023	0.000000	0.000000	399.69	1708.81
3	GUIDE	1119097968	9.83	10751	0.073	0.010	0.126	0.220	96.398409	-54.760570	593.78	1000.92
4	GUIDE	1119231384	8.75	10823	-0.008	-0.015	0.075	0.120	96.745135	-55.033251	-339.69	1780.89
5	GUIDE	1119231392	9.38	10813	-0.089	-0.055	0.093	0.152	96.919371	-55.004394	-664.50	1594.77
6	GUIDE	1119232832	9.89	10815	0.054	-0.004	0.122	0.198	97.472116	-54.403559	-1279.99	-776.12
7	GUIDE	1118715408	9.88	10814	-0.021	0.064	0.114	0.186	98.062690	-54.220510	-2340.74	-1697.06

2.4 Star Slots

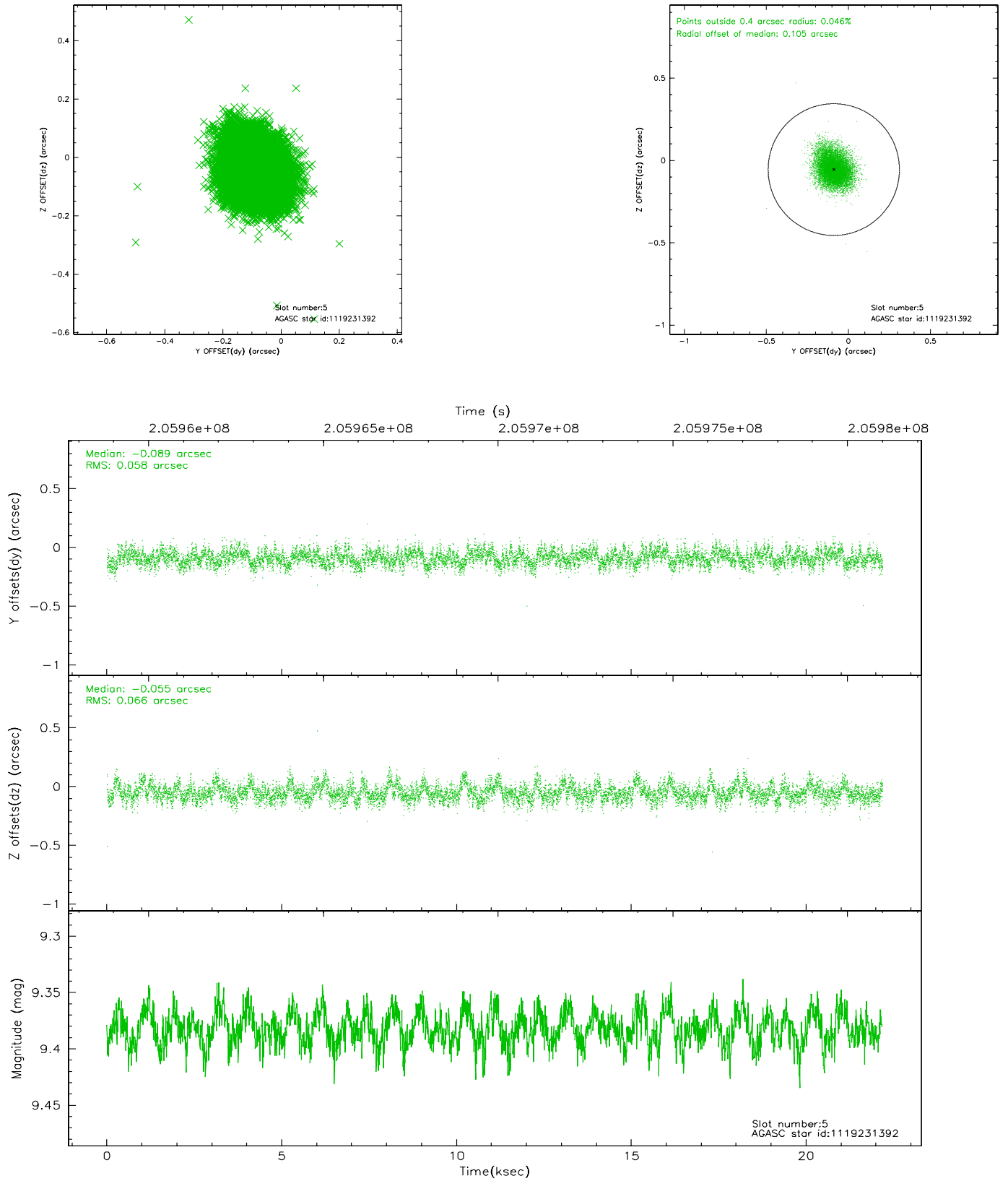
2.4.1 Slot 3



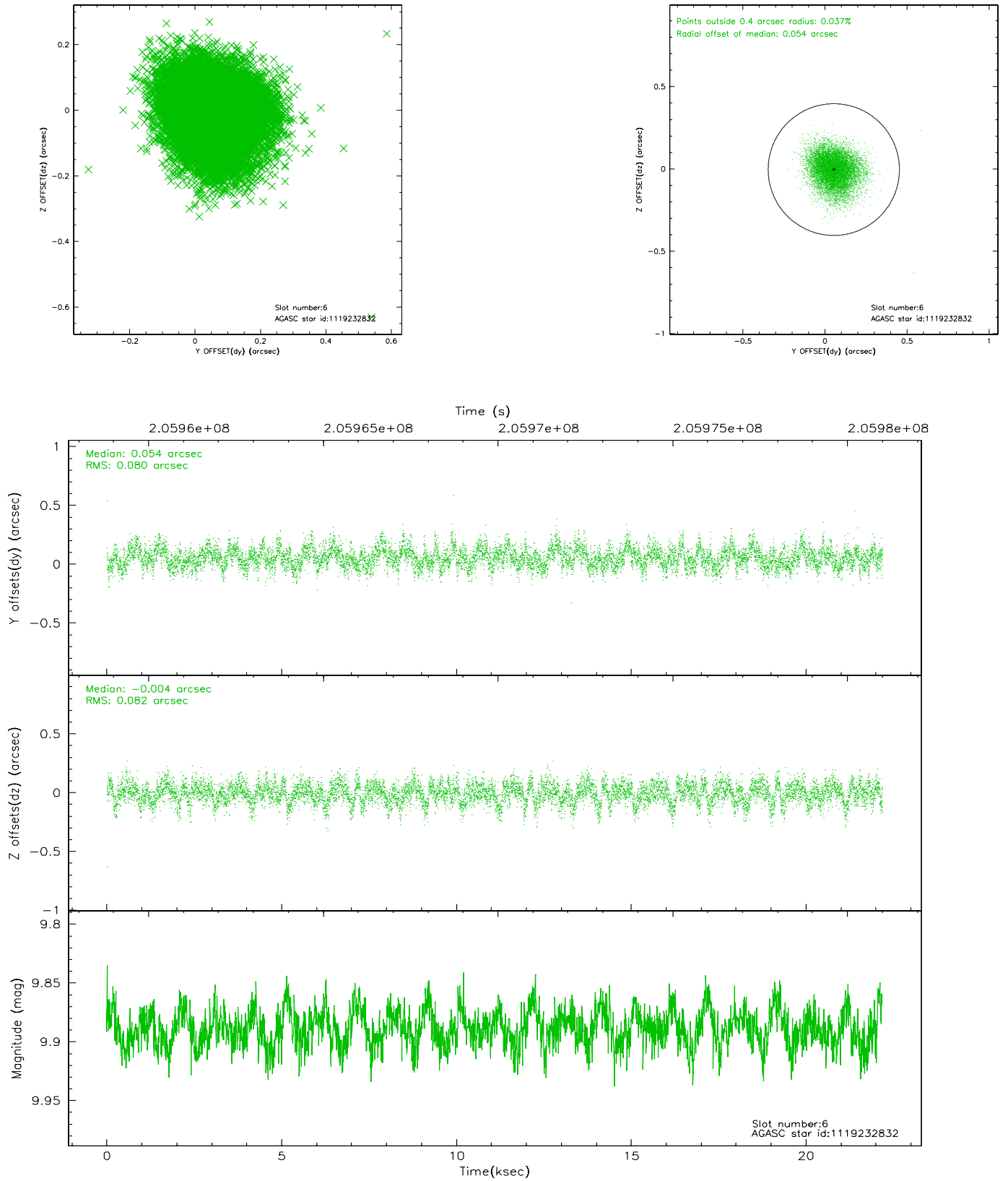
2.4.2 Slot 4



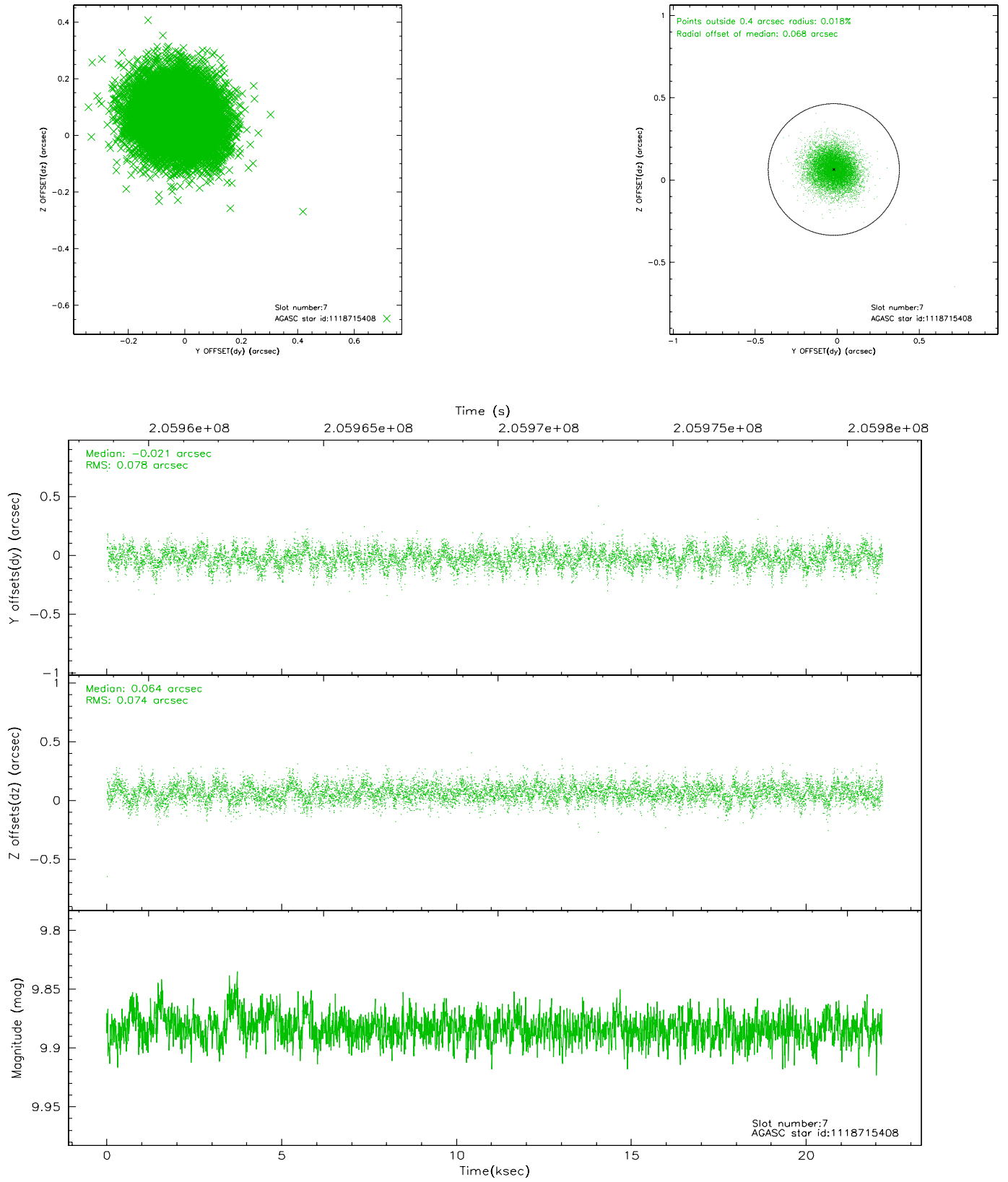
2.4.3 Slot 5



2.4.4 Slot 6

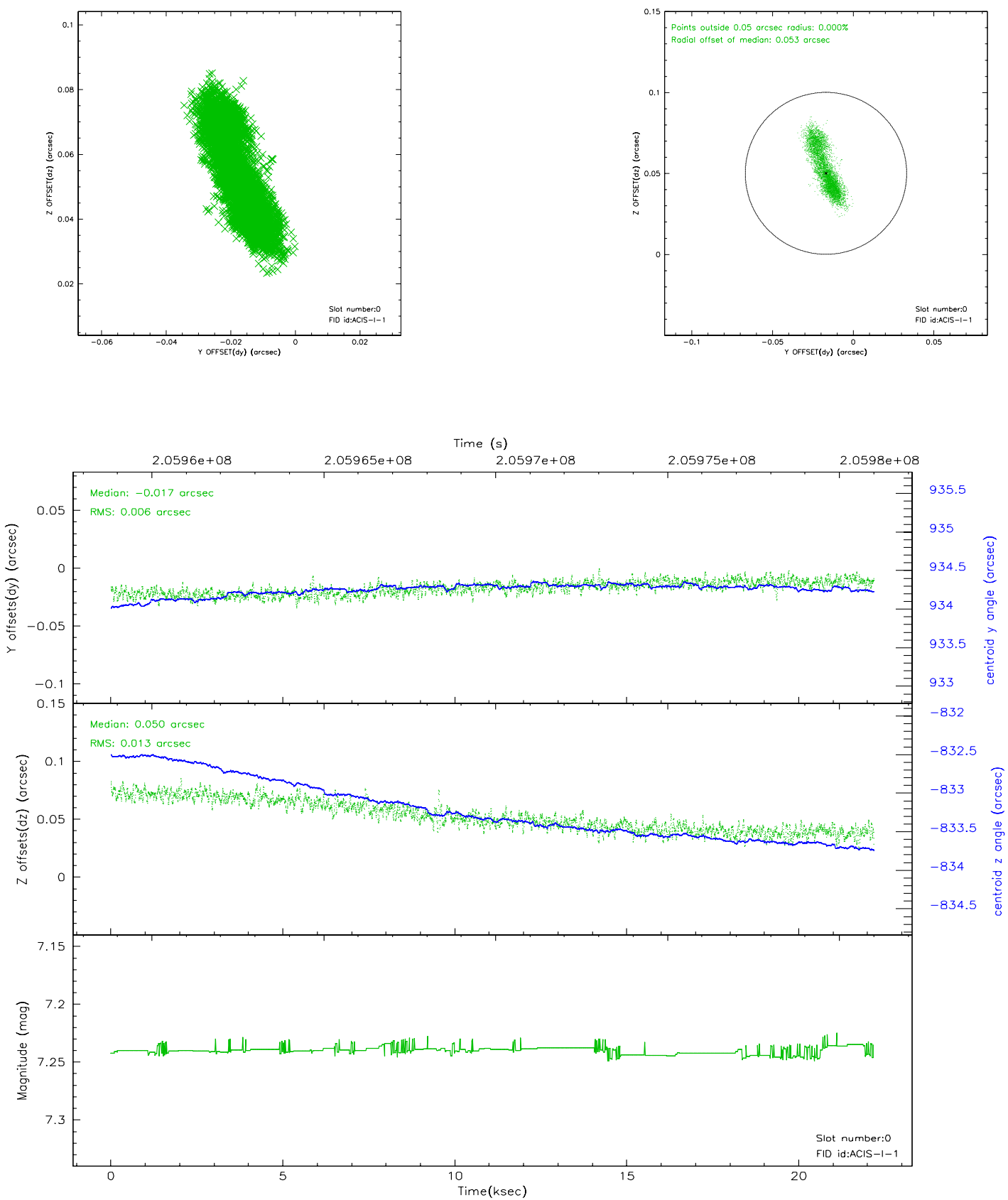


2.4.5 Slot 7

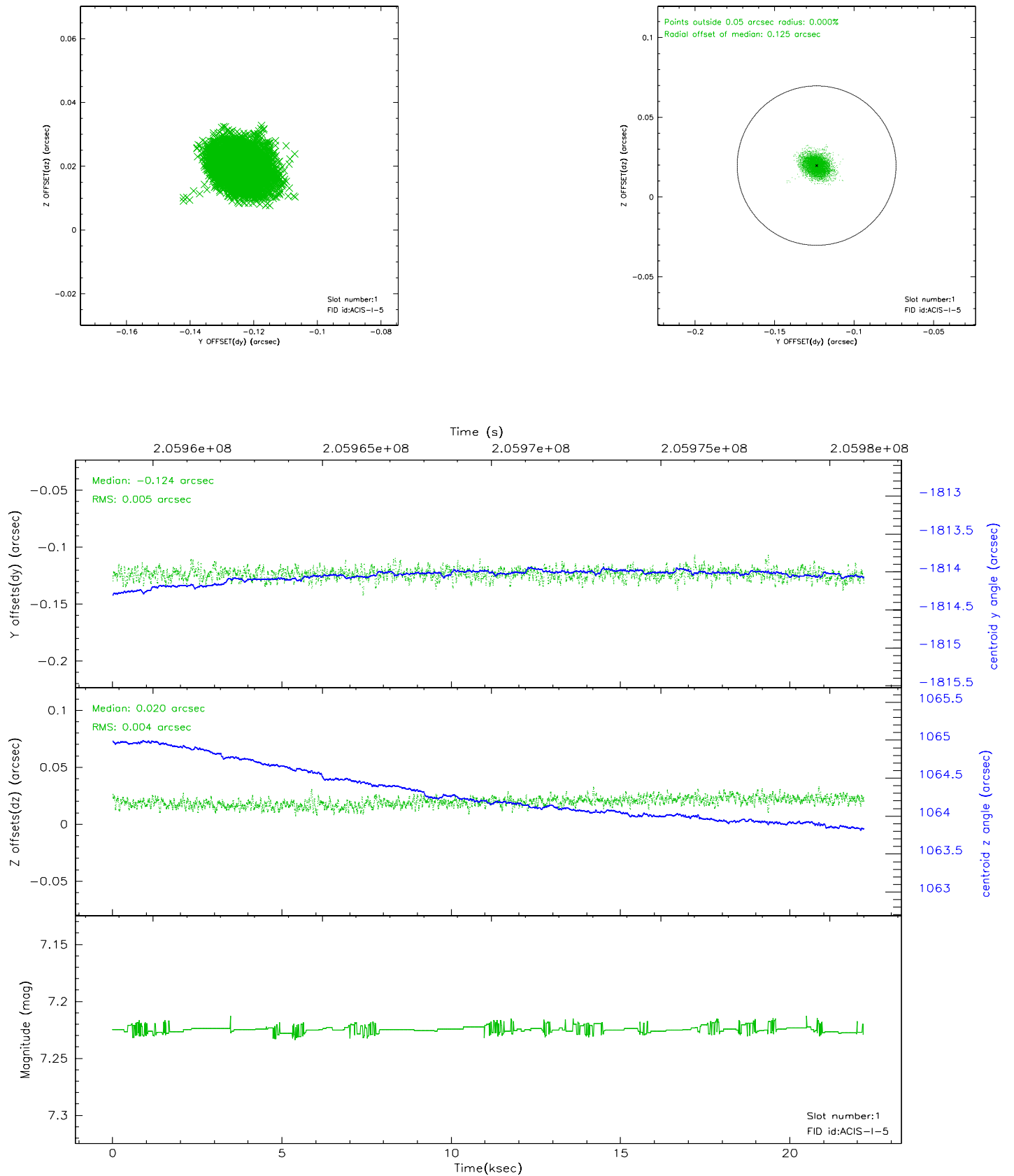


2.5 FID Slots

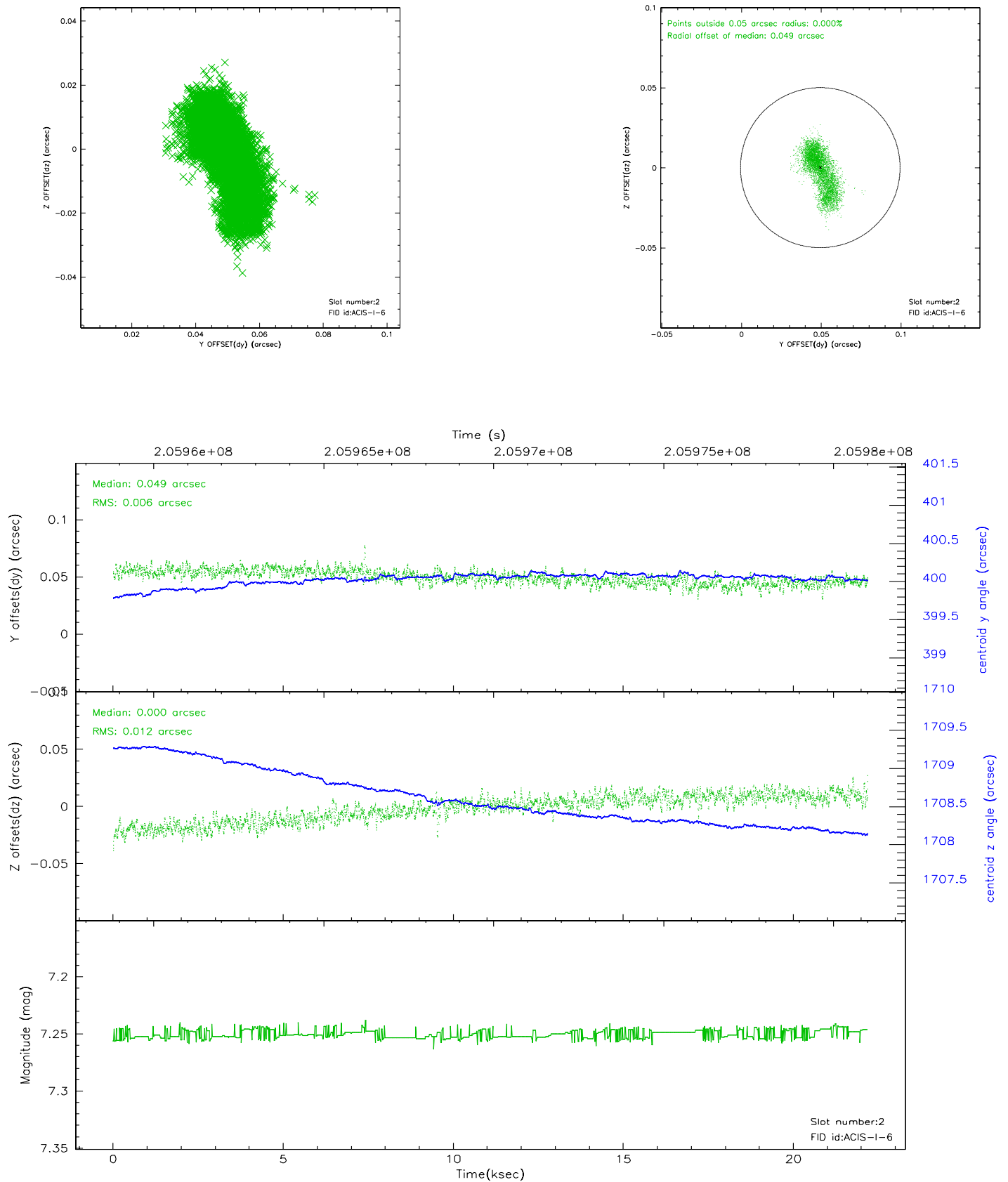
2.5.1 Slot 0



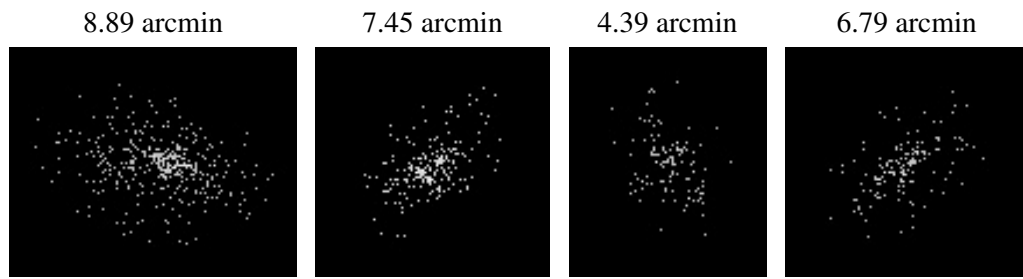
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.174

A.2 Comments