

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5951 - L2 Version 002
Chandra X-Ray Center

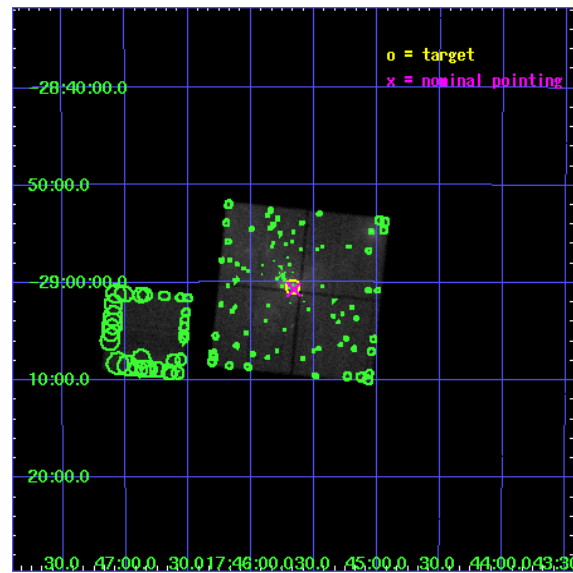
L2 Processing Date : Mar 15 2006

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

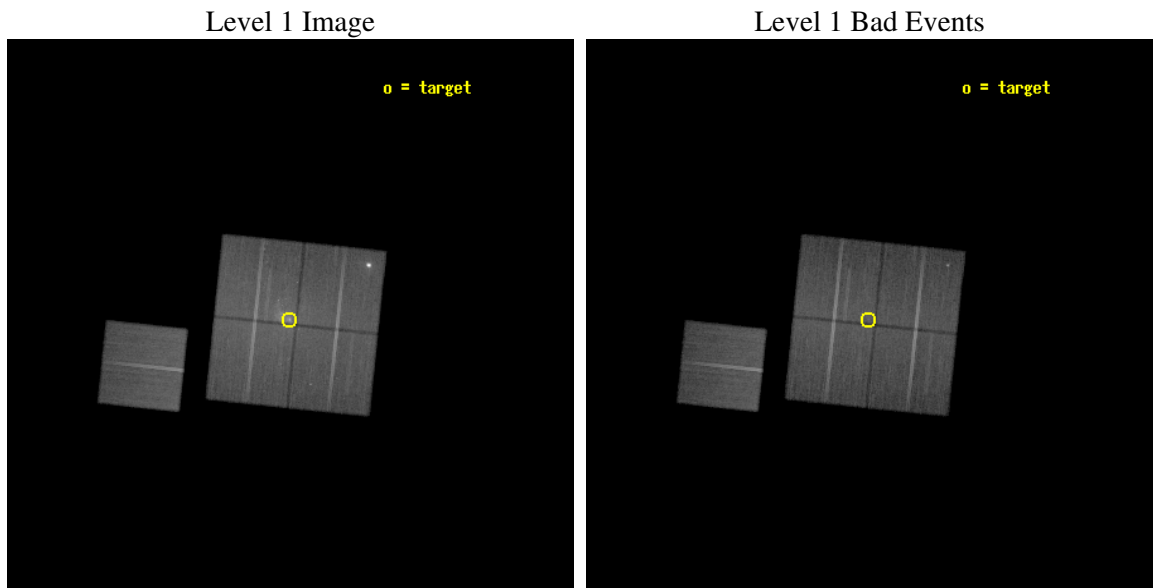
seq_num	600470
obs_id	5951
title	Simultaneous Gamma-Ray to Sub-Millimeter Monitoring of Sagittarius A*
observer	Dr. Frederick Baganoff
object	Sgr A*
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.41512005582
dec_nom	-29.01219086044
roll_nom	275.97432623642
revision	2
ontime	45176.258922905
livetime	44585.997841799
ontime0	45179.399913132
ontime1	45179.399913132
ontime2	45179.399913132
ontime3	45176.258922905
ontime6	45179.399913132
l2events	484162



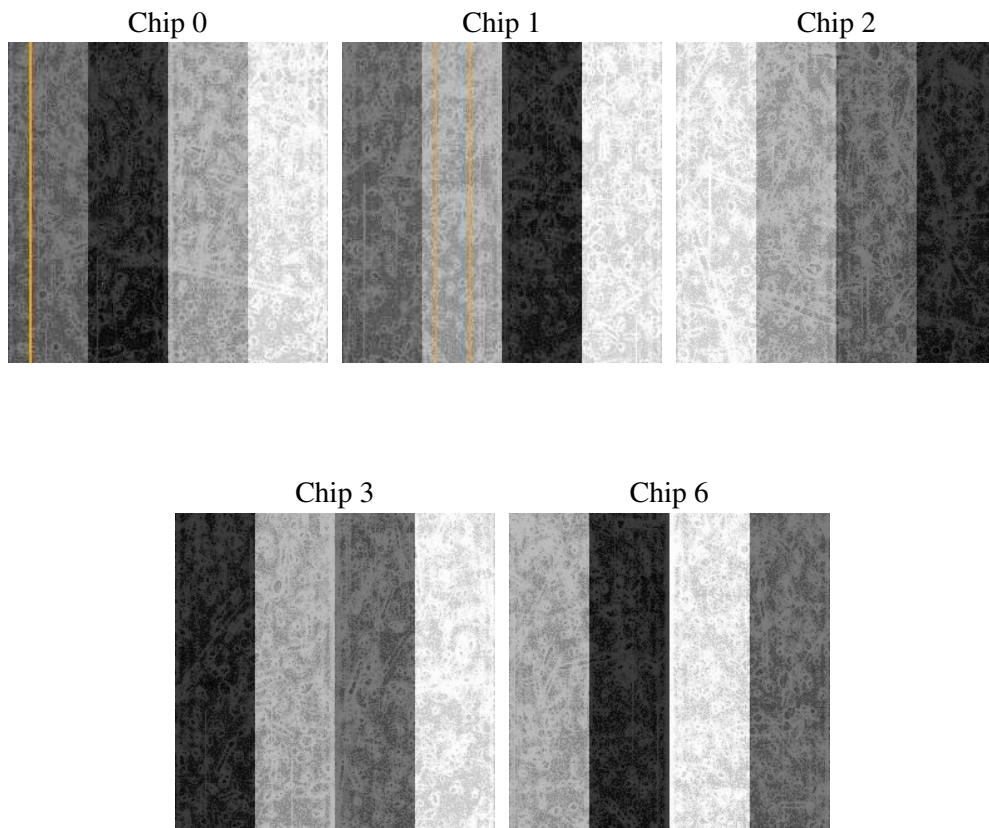
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-16T00:18:20
revision	2

sched_exp_time	45000.000000
ontime	46408.479084432
ontime0	46411.62007466
ontime1	46411.62007466
ontime2	46411.62007466
ontime3	46408.479084432
ontime6	46411.62007466
l1events	2202197

2.1.4 Events

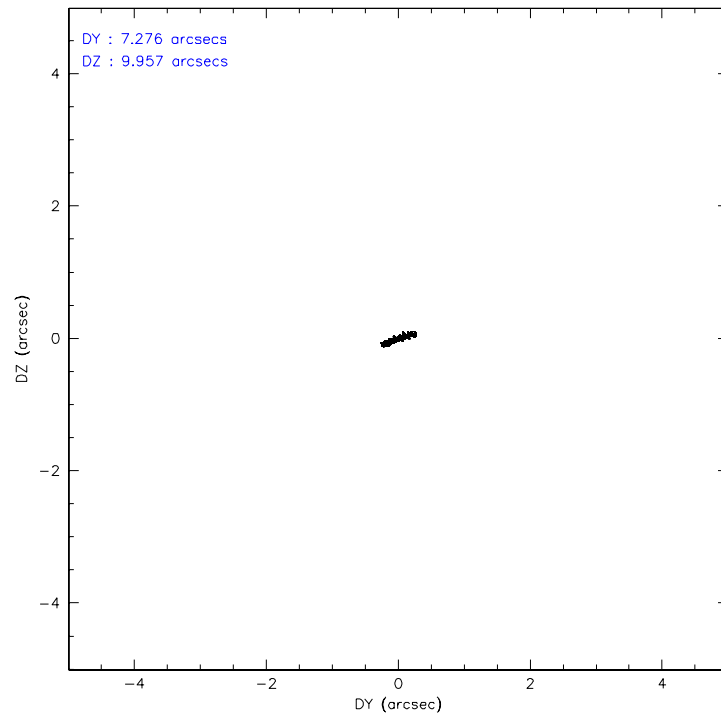
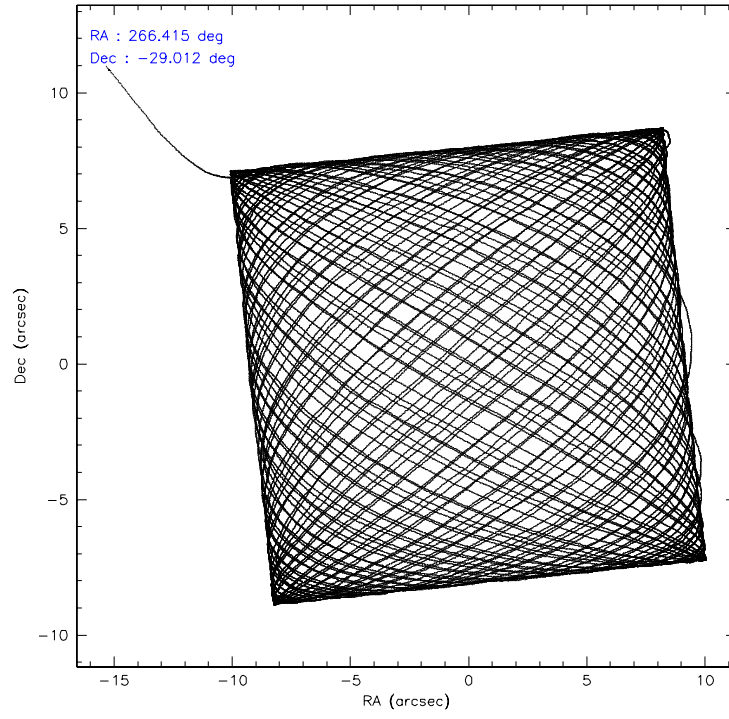
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	401472	452504	447812	486427	413982
rejected events	312692	319815	348869	343178	347853
rejected %	77%	70%	77%	70%	84%

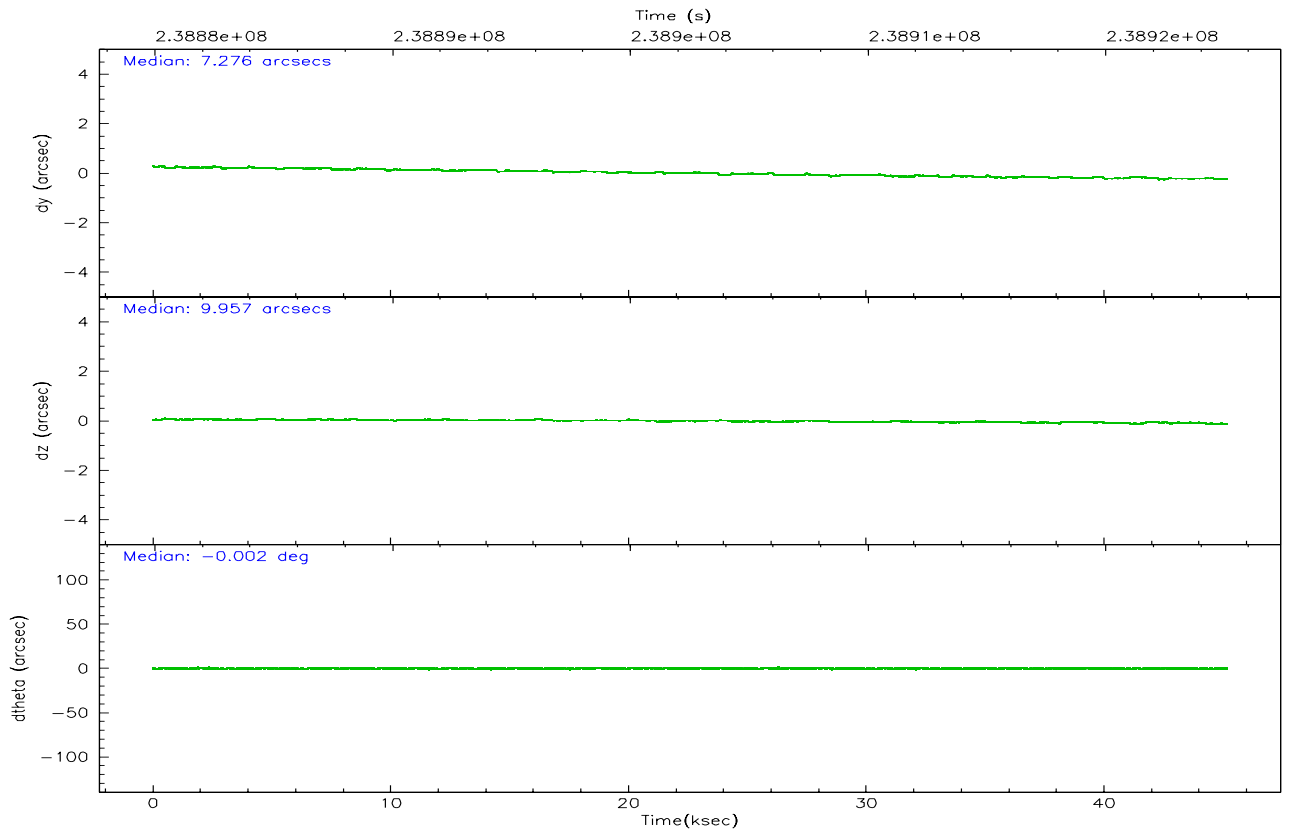
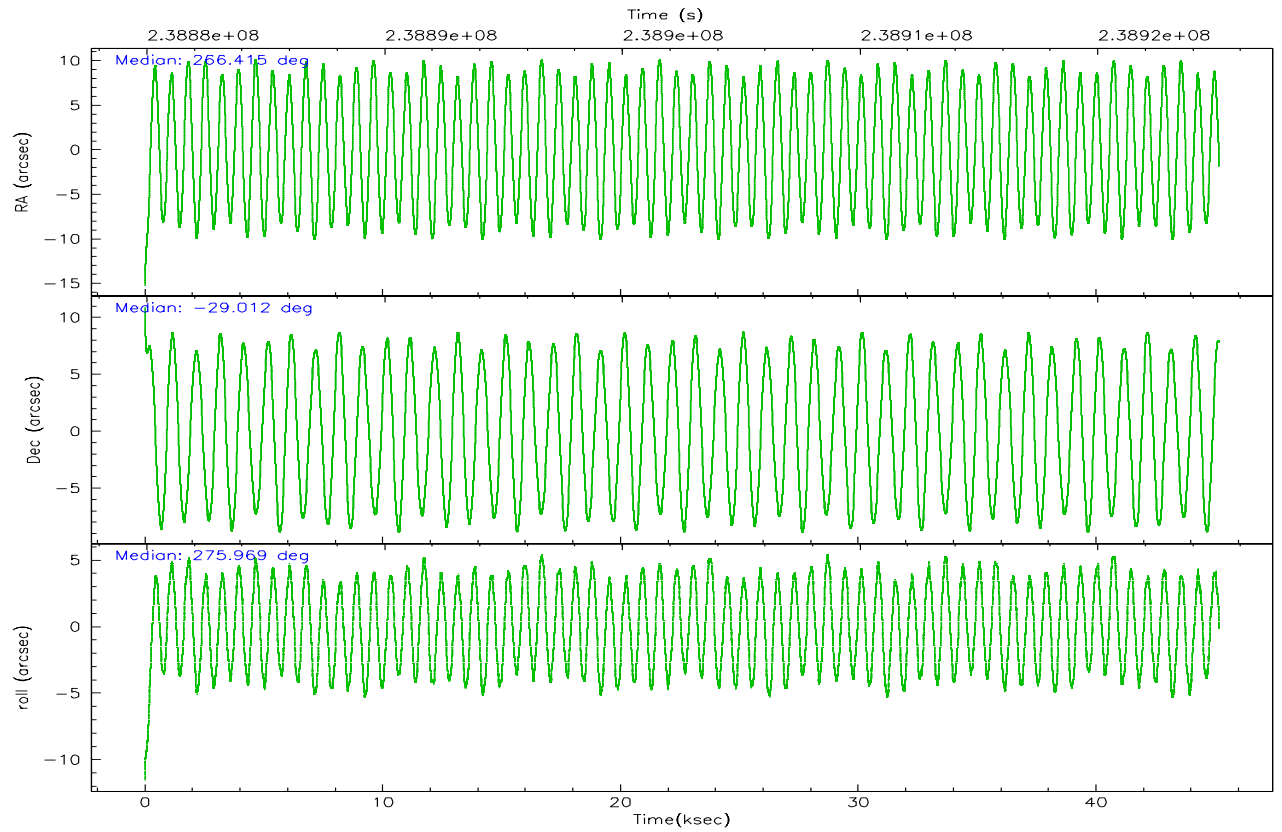
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	48981	75035	57974	87787	31473
	12%	16%	12%	18%	7%
grade 1 events	387	655	533	694	256
	0%	0%	0%	0%	0%
grade 2 events	16545	24056	17068	22543	13523
	4%	5%	3%	4%	3%
grade 3 events	6391	9003	6667	9171	5371
	1%	1%	1%	1%	1%
grade 4 events	6207	8843	6866	9097	5215
	1%	1%	1%	1%	1%
grade 5 events	15684	16462	14918	17427	17012
	3%	3%	3%	3%	4%
grade 6 events	12289	17596	12107	16397	12061
	3%	3%	2%	3%	2%
grade 7 events	294988	300854	331679	323311	329071
	73%	66%	74%	66%	79%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	266.396628	266.4151200558215	Alternating exposures requested	N	N
Pointing Dec	-28.990113	-29.01219086043976	Primary exposure time	0.000000	3.1
Pointing Roll	275.756669	275.9743262364215			
Window start time	238880104.184000	238880104.184000			
Window stop time	238929124.184000	238929124.184000			
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	238880104.184000	238878496.94041			
Observation start date	2005-07-27T19:34:00	2005-07-27T19:08:16			
Observation end time	238925104.184000	238926468.99261			
Observation end date	2005-07-28T08:04:00	2005-07-28T08:27:48			
Read mode	TIMED	TIMED			

2.3 Aspect



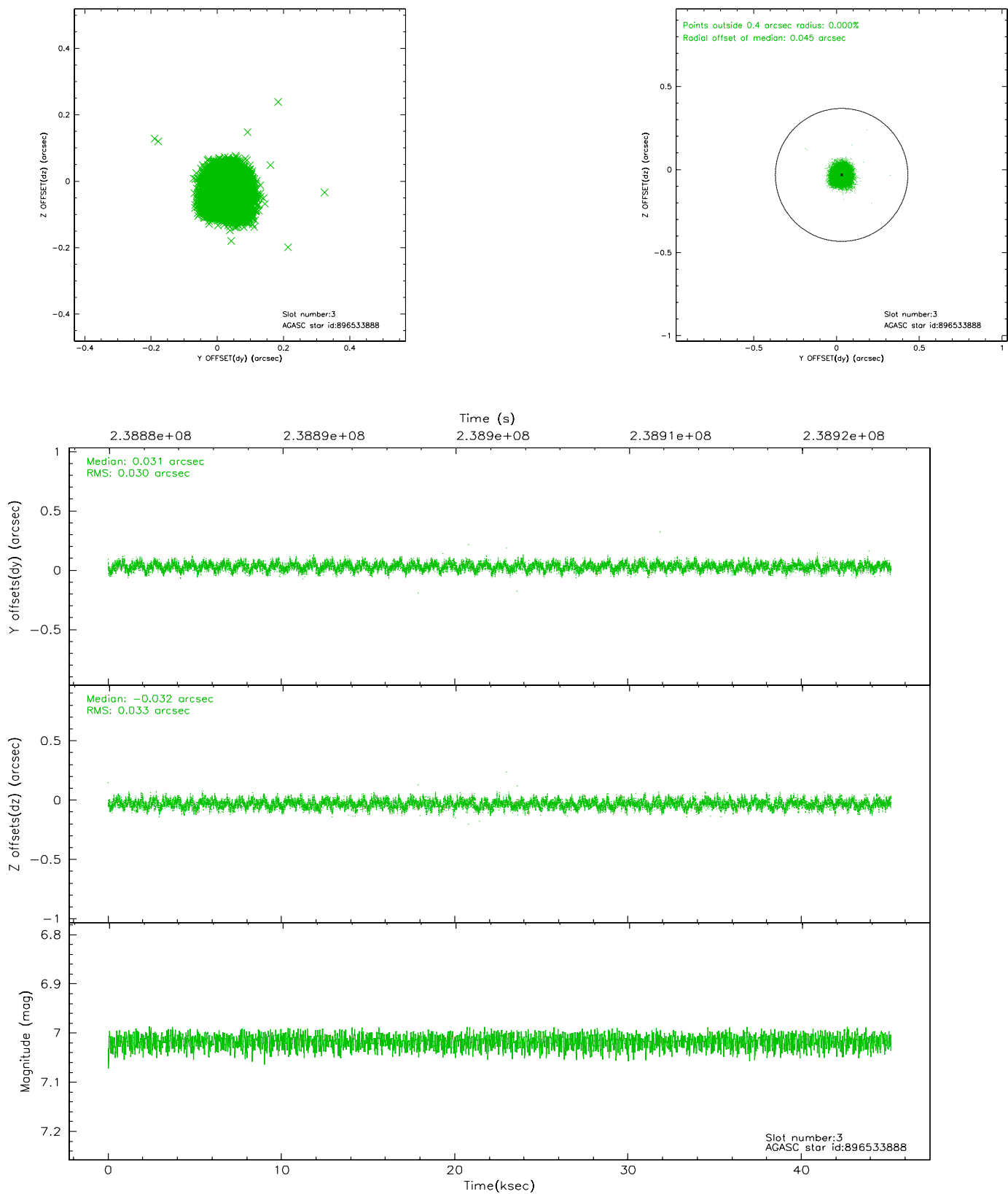


Slot Statistics

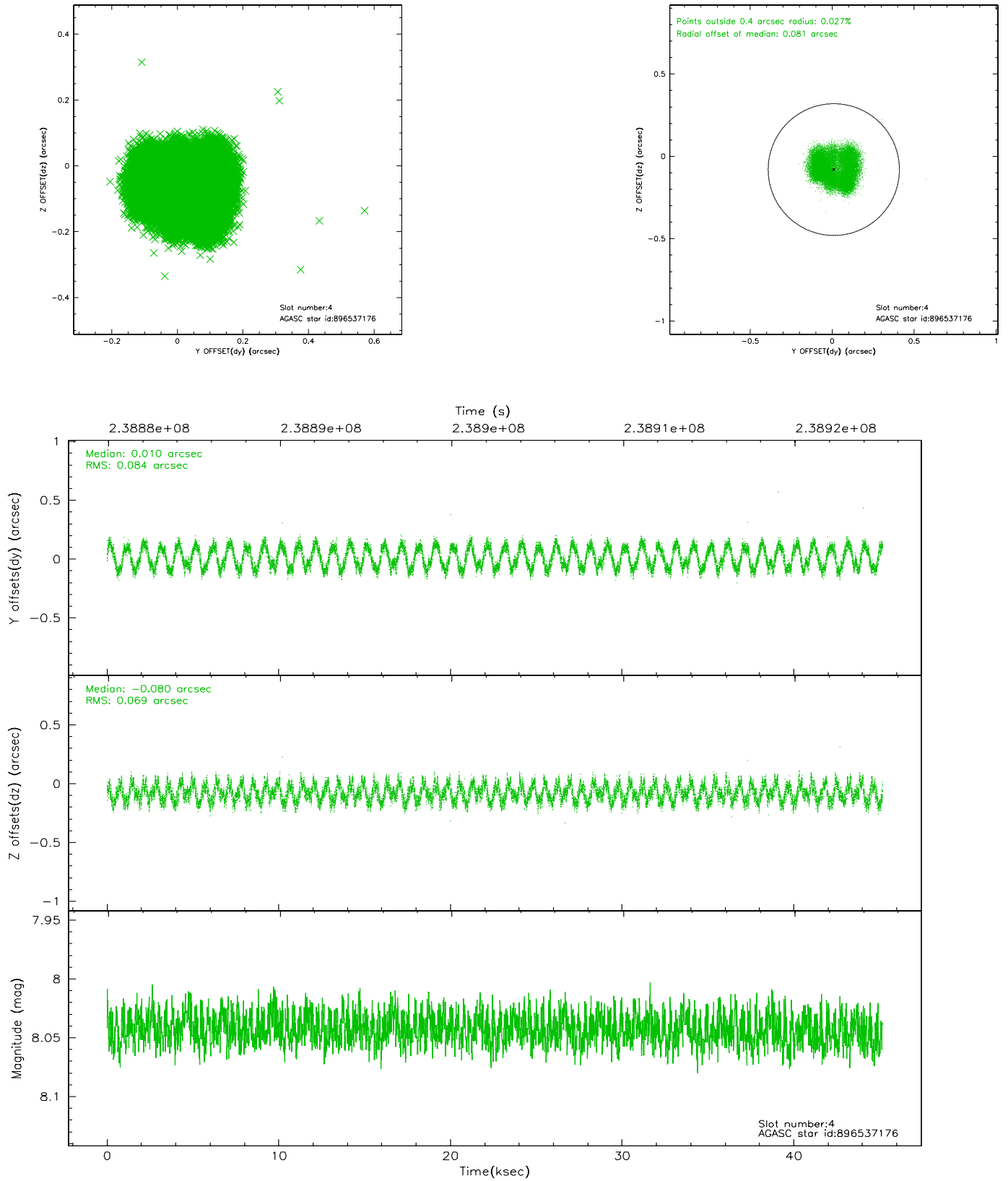
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	11019	-0.013	0.041	0.008	0.014	0.000000	0.000000	932.39	-833.37
1	FID	ACIS-I-5	7.23	11019	-0.134	0.018	0.007	0.013	0.000000	0.000000	-1815.85	1064.08
2	FID	ACIS-I-6	7.25	11019	0.056	0.011	0.008	0.013	0.000000	0.000000	397.99	1708.58
3	GUIDE	896533888	7.02	22041	0.031	-0.032	0.048	0.076	266.666434	-29.392757	1528.29	696.74
4	GUIDE	896537176	8.04	22035	0.010	-0.080	0.120	0.163	266.498272	-28.678259	-1084.37	431.95
5	GUIDE	896540808	7.47	22039	0.070	0.081	0.079	0.116	265.985401	-29.308604	1013.98	-1399.36
6	GUIDE	896541576	8.19	22039	-0.024	0.009	0.059	0.093	267.051055	-28.762912	-600.92	2136.29
7	GUIDE	896404568	7.86	22040	-0.087	0.024	0.052	0.084	265.687293	-28.431080	-2220.68	-2033.20

2.4 Star Slots

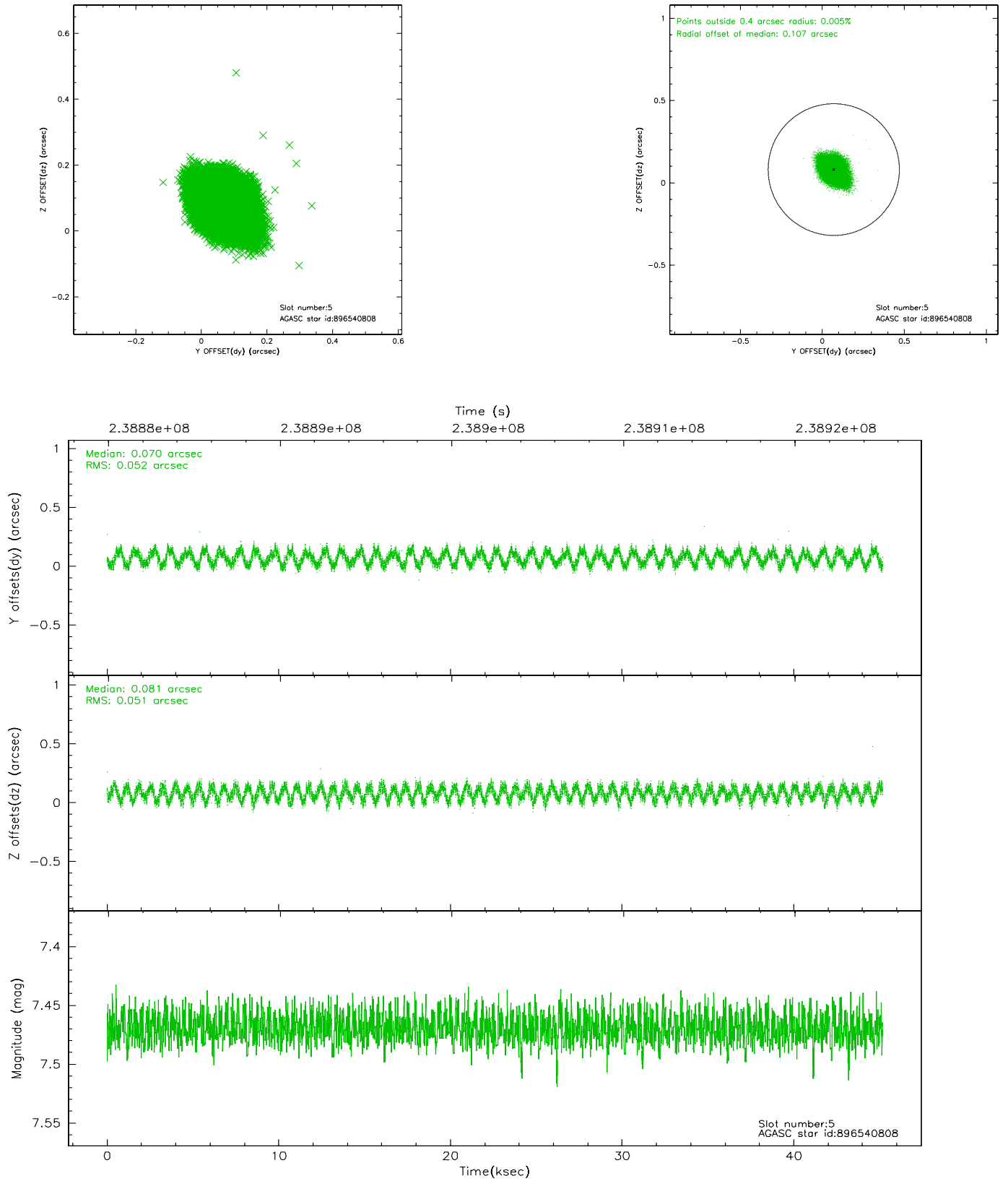
2.4.1 Slot 3



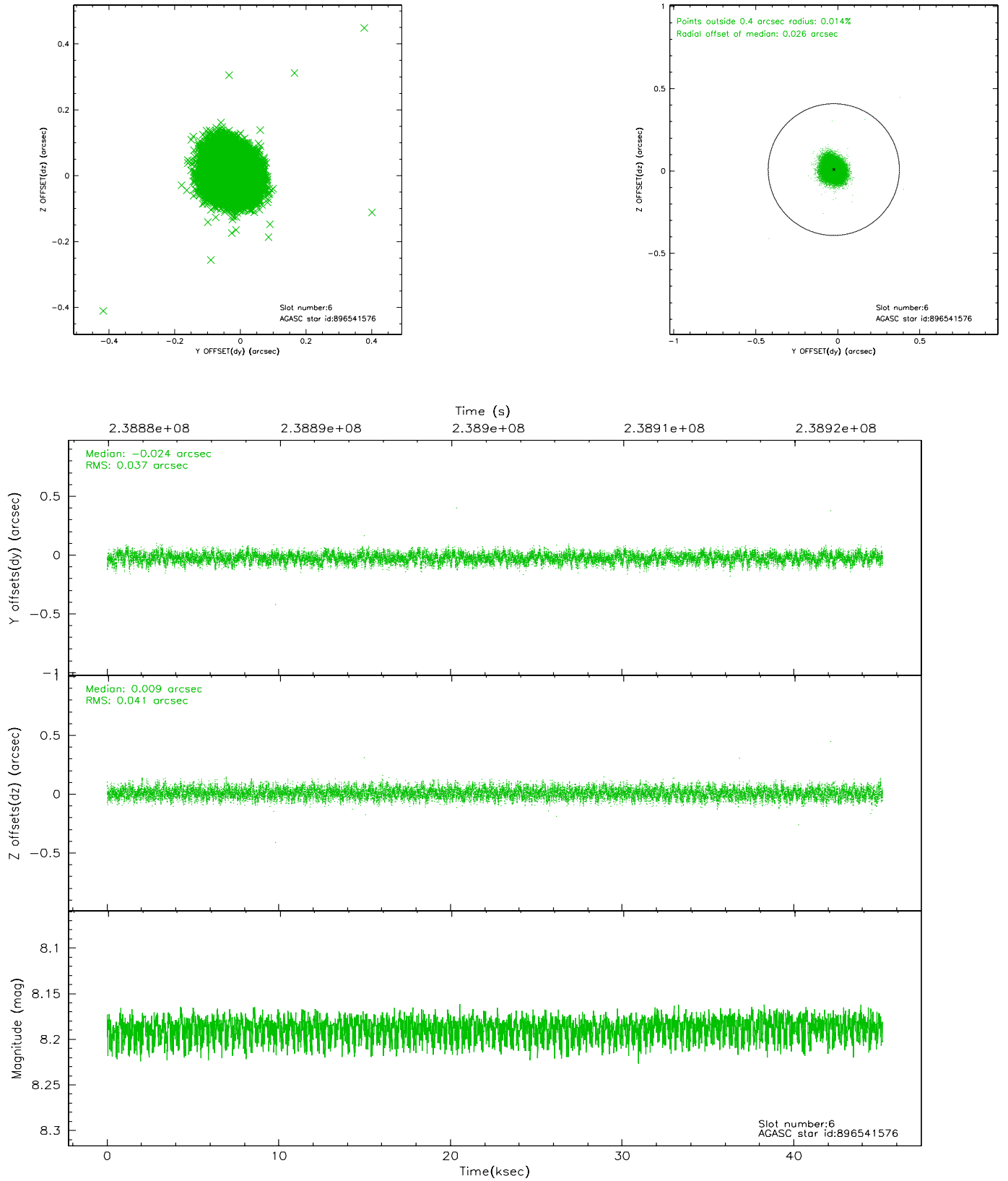
2.4.2 Slot 4



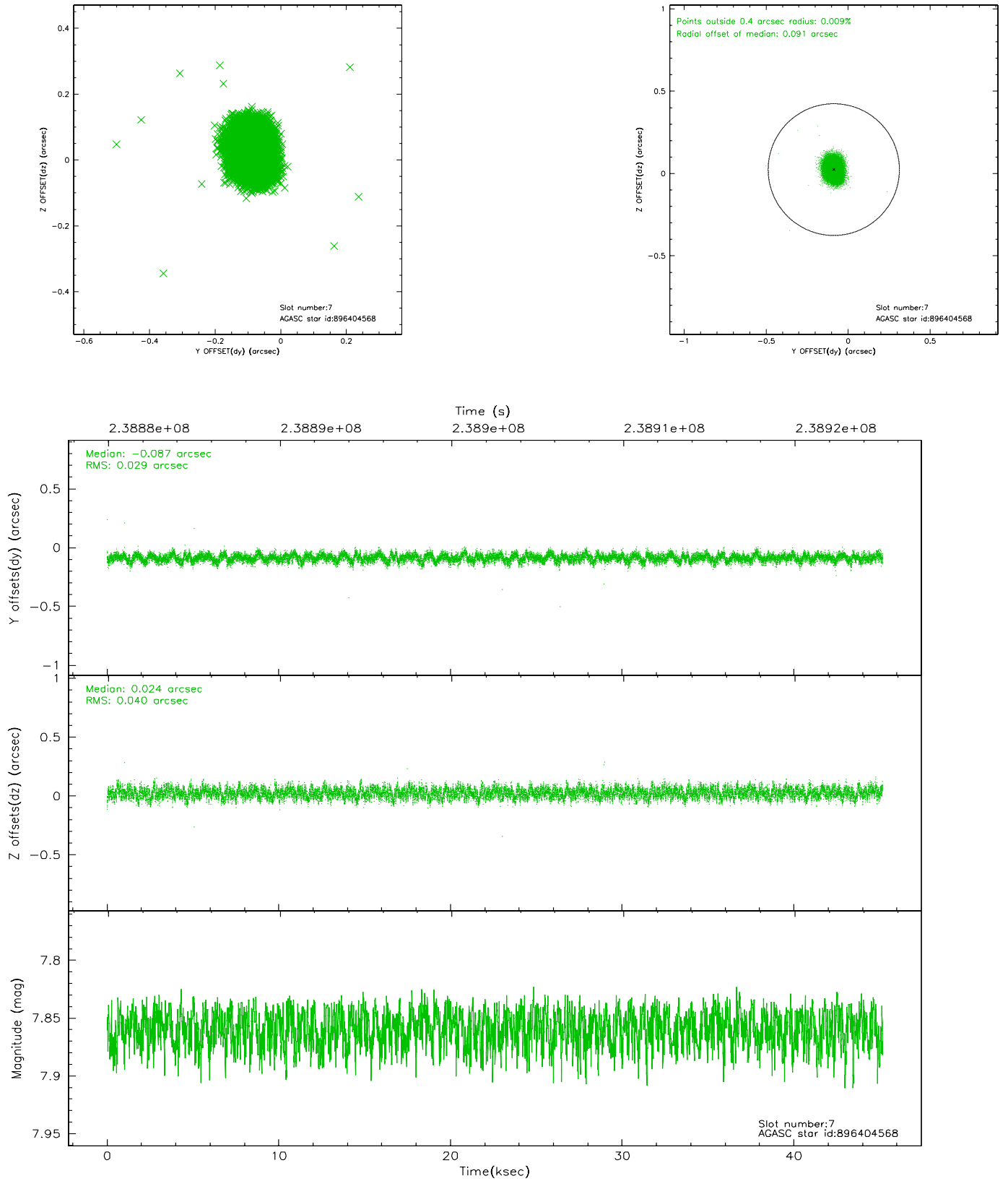
2.4.3 Slot 5



2.4.4 Slot 6

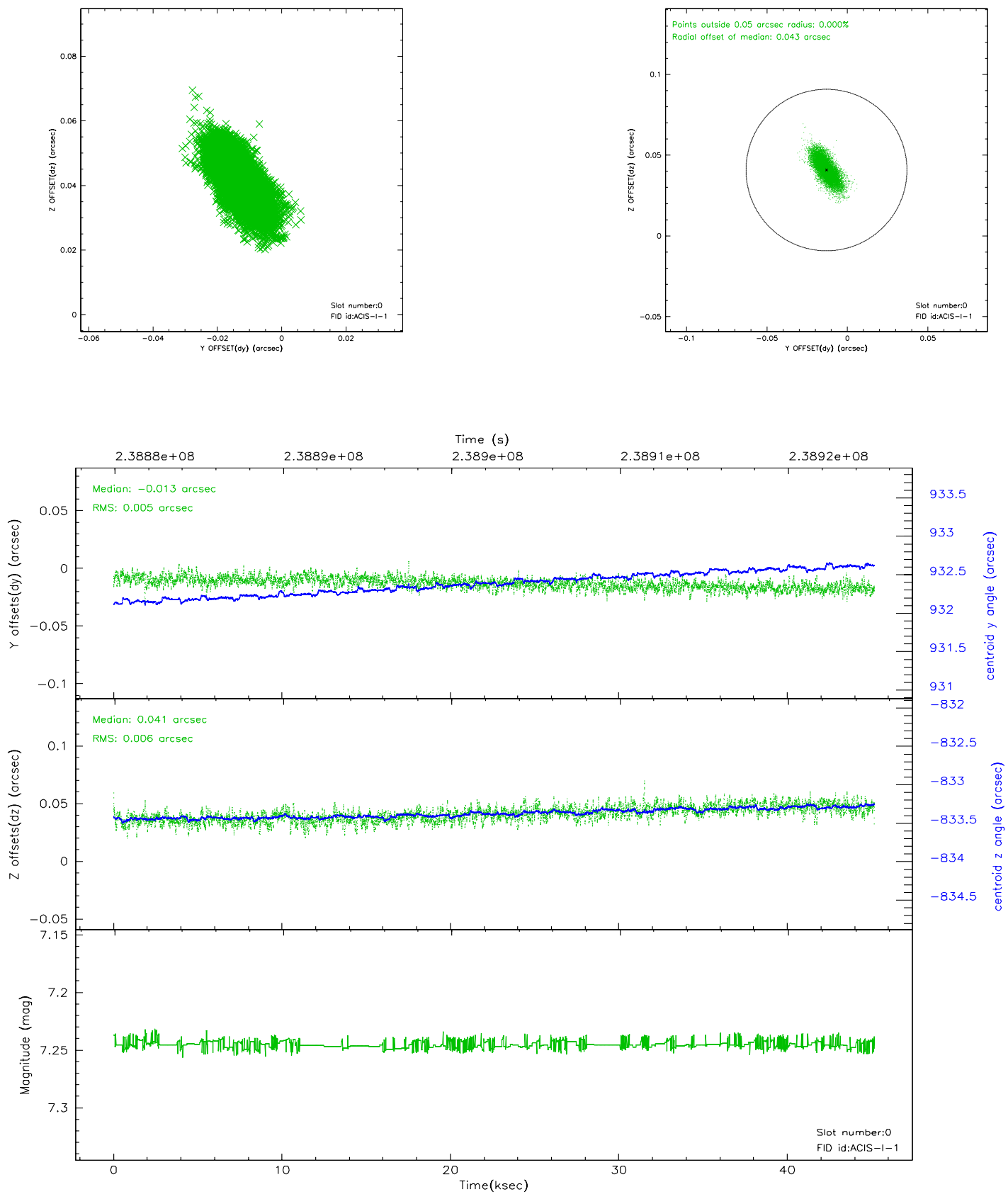


2.4.5 Slot 7

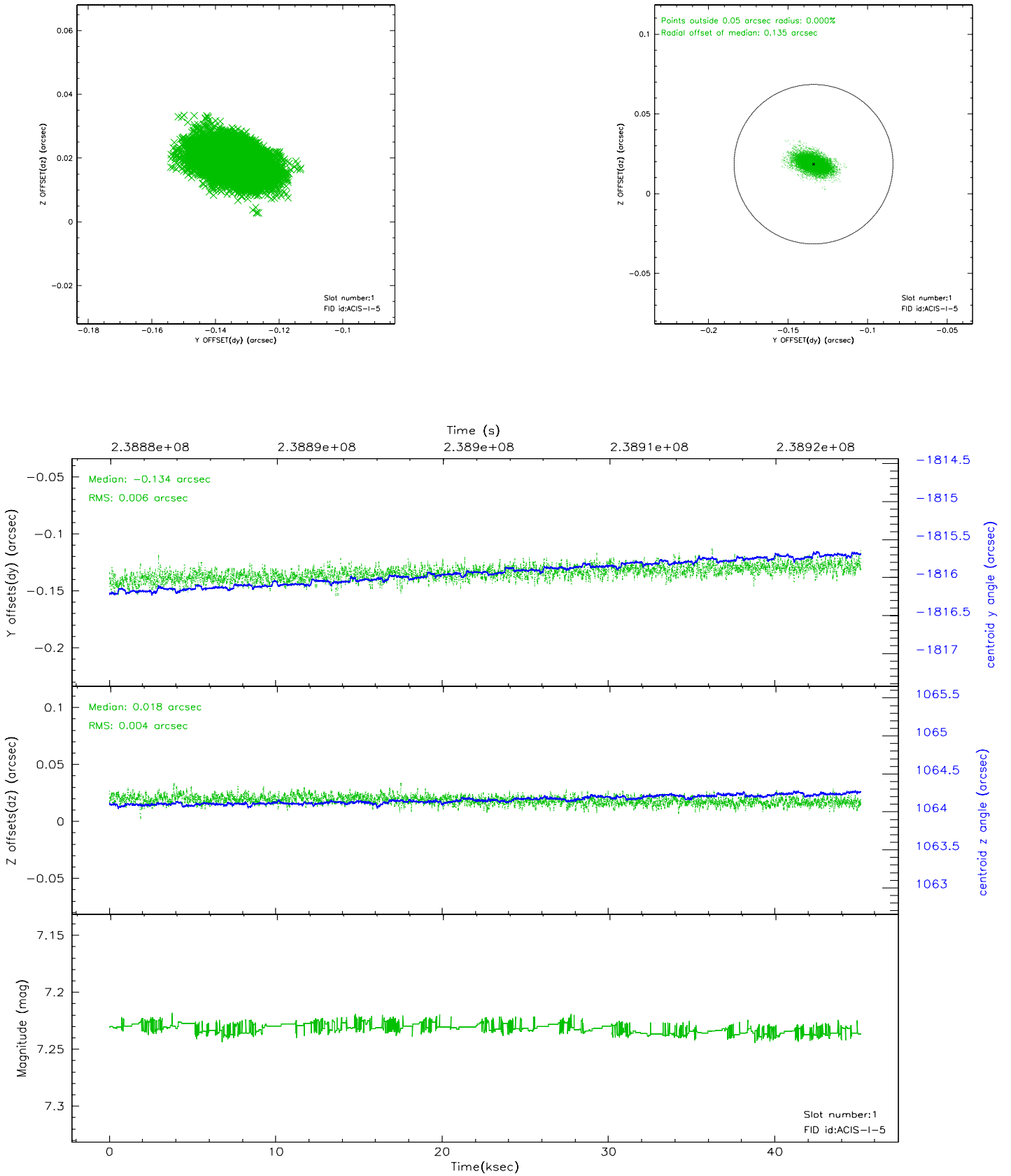


2.5 FID Slots

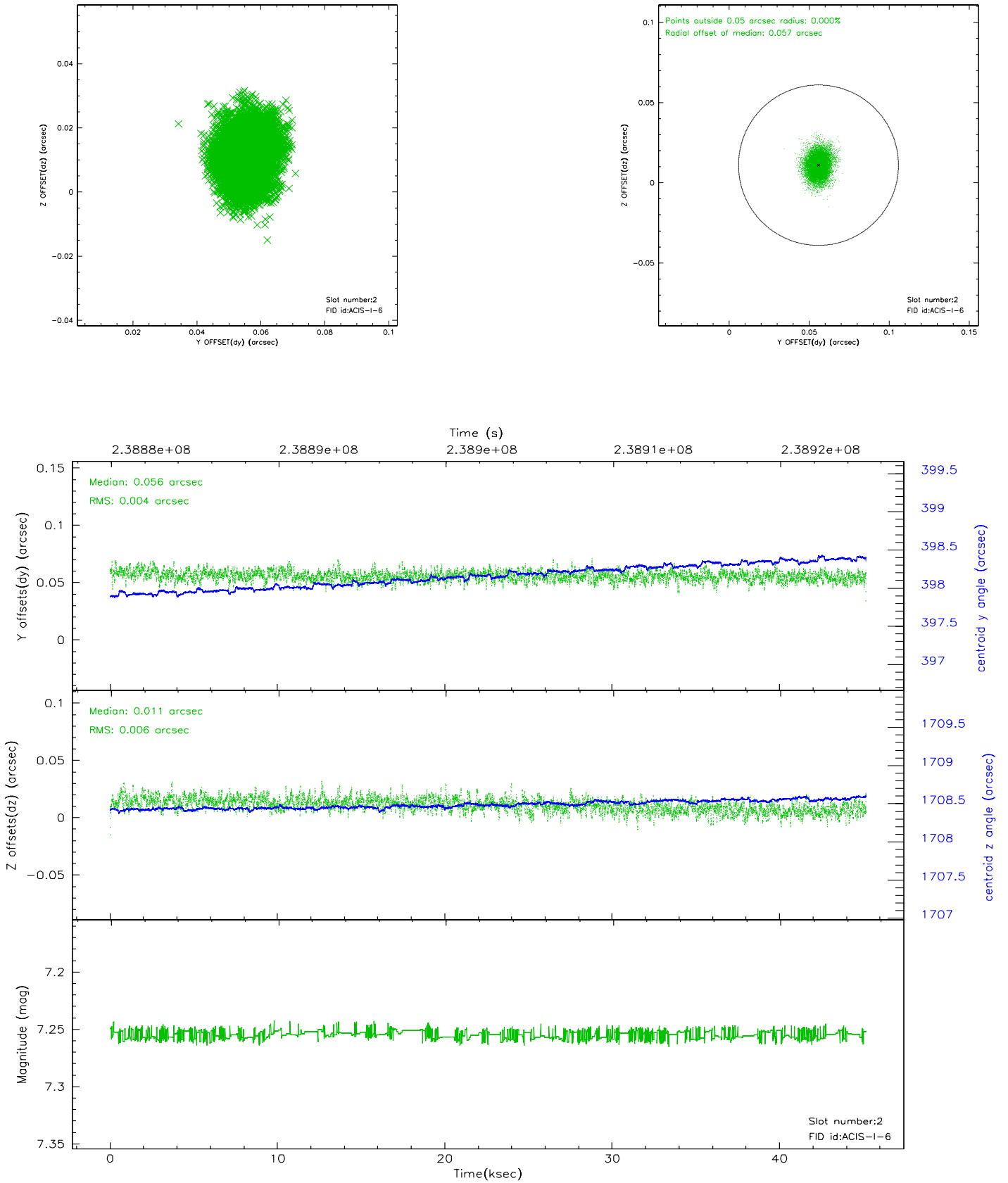
2.5.1 Slot 0



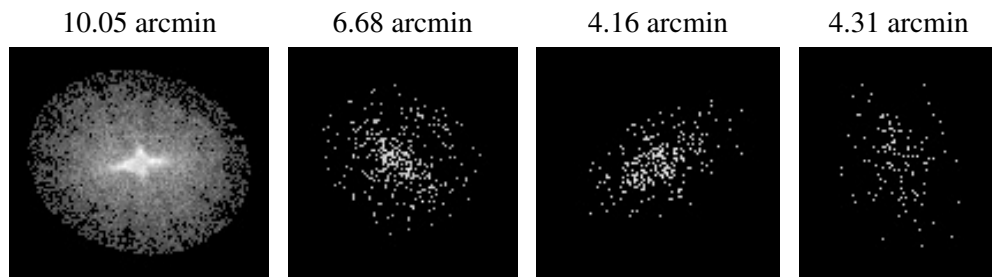
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.40847

A.2 Comments

Time constraint met.