

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5360 - L2 Version 001
Chandra X-Ray Center

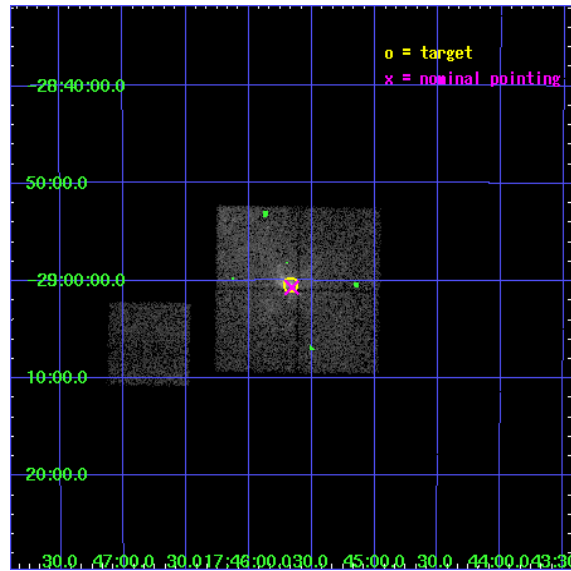
L2 Processing Date : Apr 19 2006

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

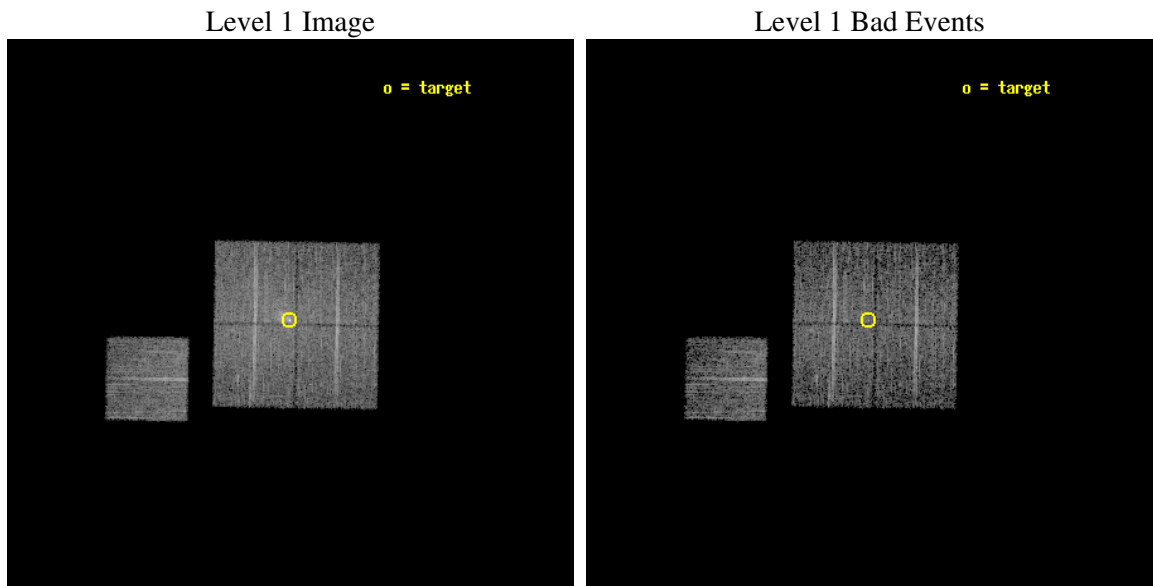
seq_num	600412
obs_id	5360
title	Monitoring a New X-ray Transient 2.5 Arcseconds South of Sgr A*
observer	Dr. Frederick Baganoff
object	CXOGC J174540.0-290030
dtcycle	0
cycle	P
ra_targ	266.416667
dec_targ	-29.007778
ra_nom	266.41476867053
dec_nom	-29.012107560559
roll_nom	271.01063211662
revision	2
ontime	5173.899990052
livetime	5106.2991777122
ontime0	5173.899990052
ontime1	5173.899990052
ontime2	5173.899990052
ontime3	5173.899990052
ontime6	5173.899990052
l2events	41664



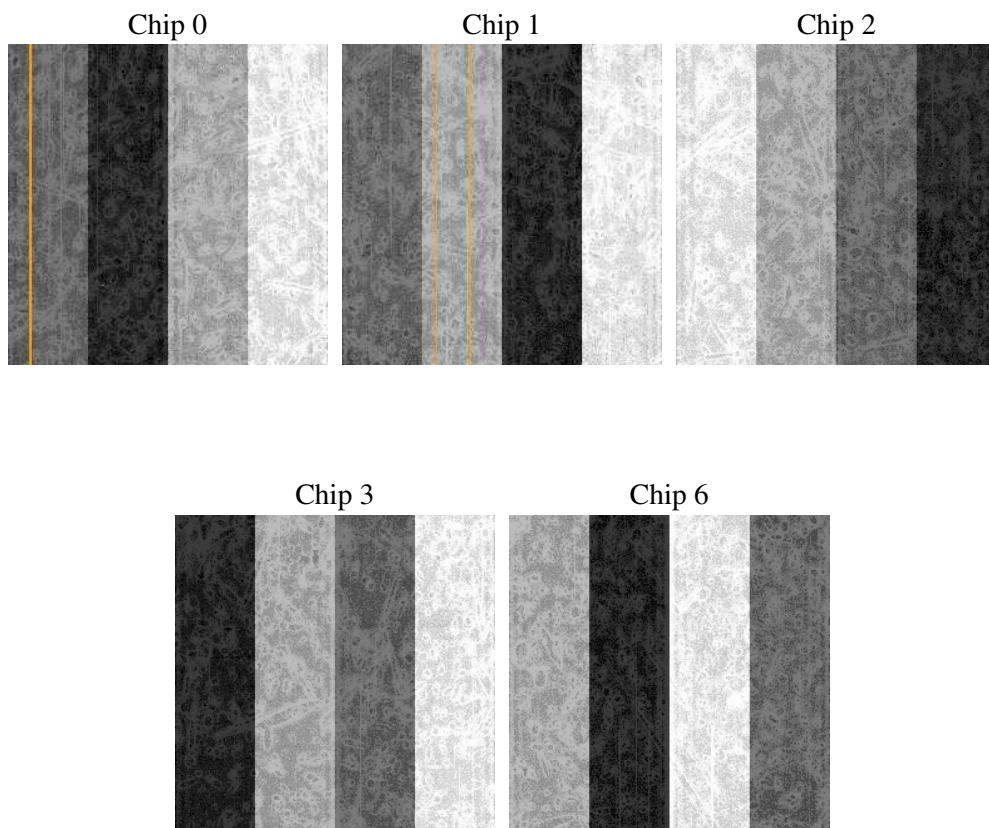
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-19T04:26:46
revision	2

sched_exp_time	5000.000000
ontime	5188.9362714291
ontime0	5188.9362714291
ontime1	5188.9362714291
ontime2	5188.9362714291
ontime3	5188.9362714291
ontime6	5188.9362714291
l1events	208999

2.1.4 Events

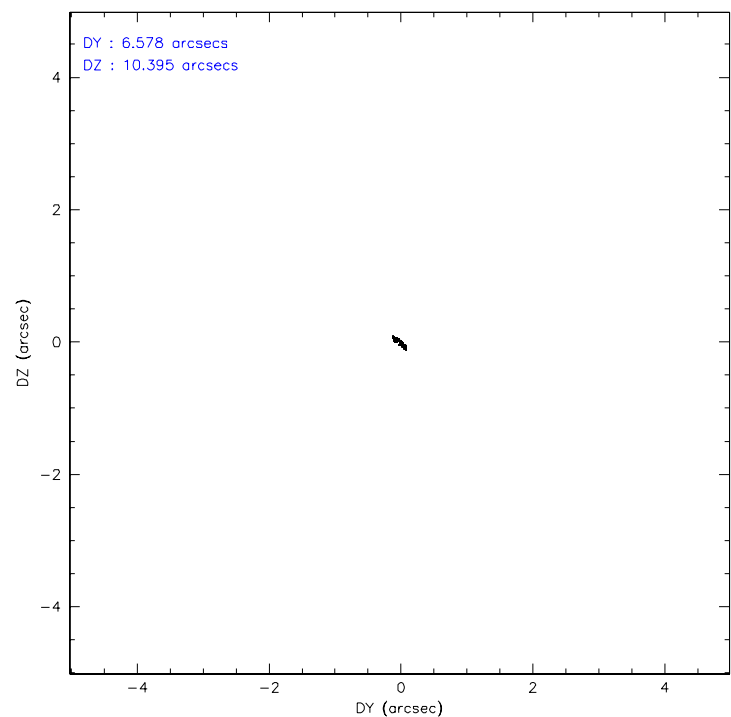
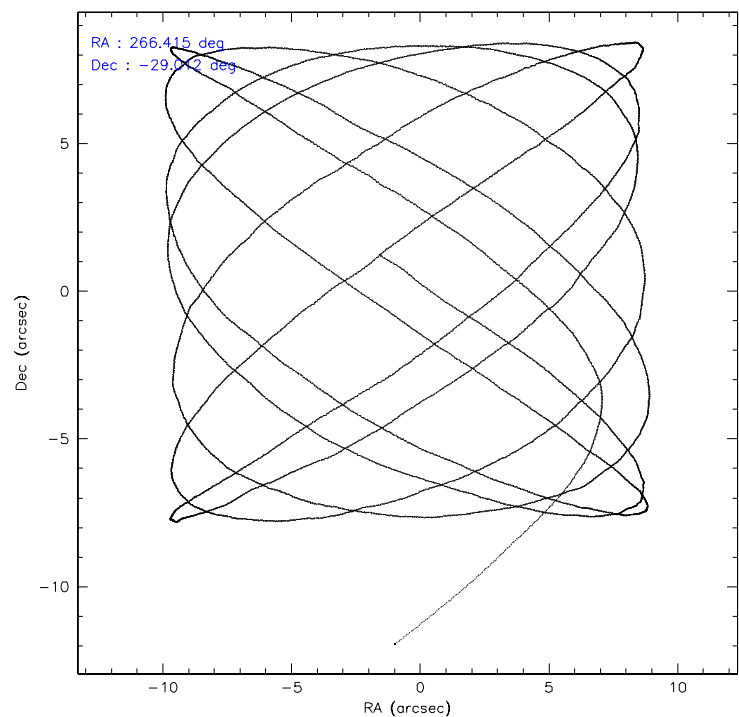
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	37866	39475	42649	49530	39479
rejected events	29924	31053	33641	34639	33963
rejected %	79%	78%	78%	69%	86%

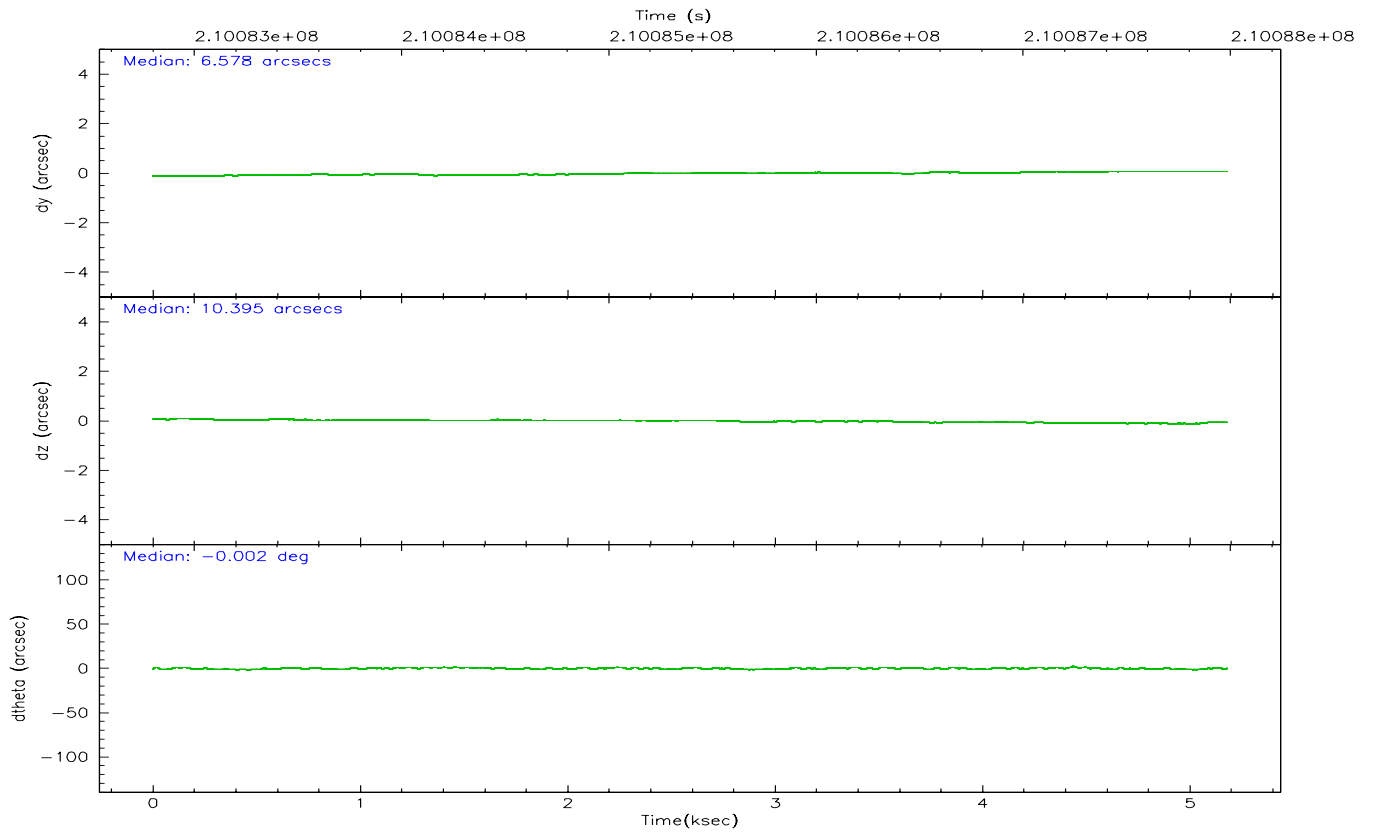
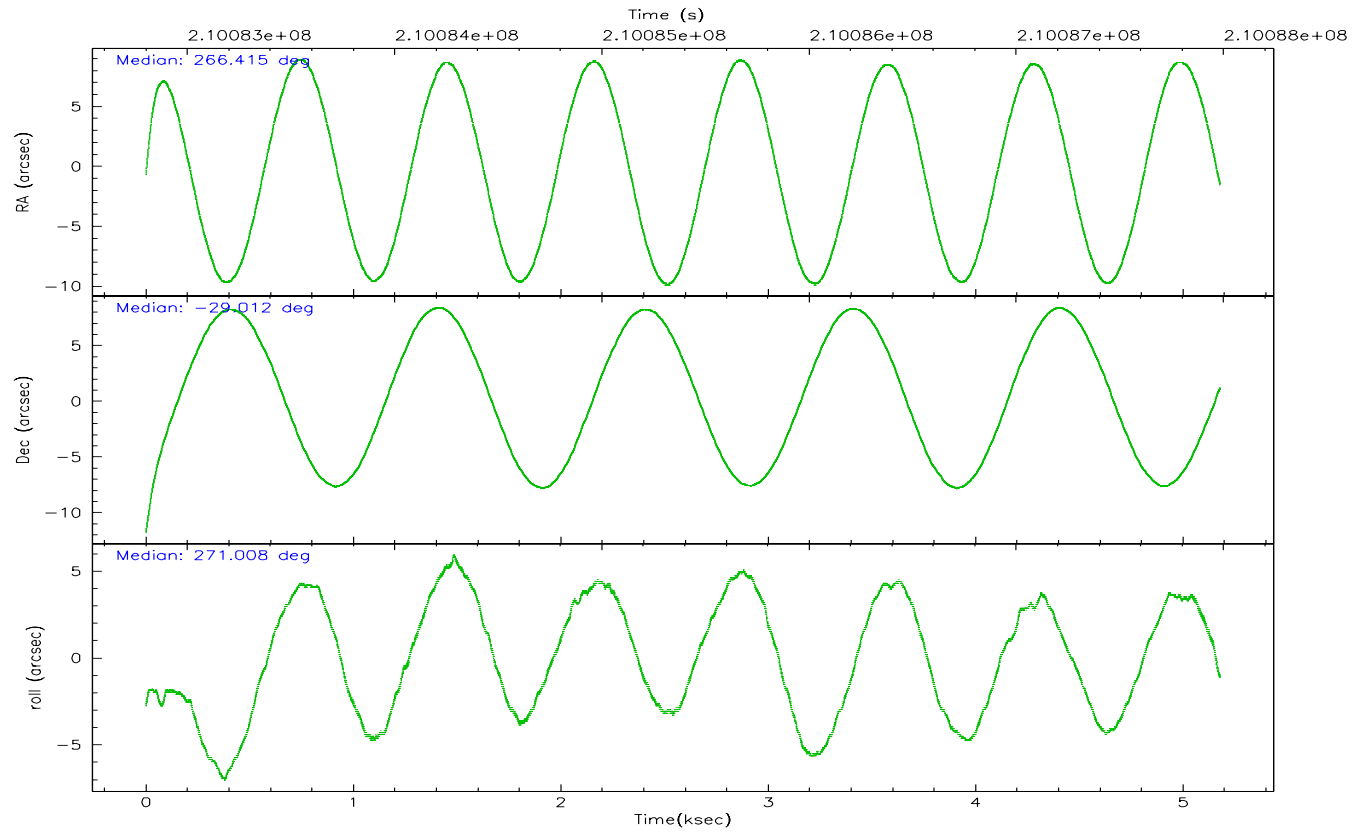
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4277	4409	5165	9231	2483
	11%	11%	12%	18%	6%
grade 1 events	31	27	38	75	15
	0%	0%	0%	0%	0%
grade 2 events	1395	1587	1547	2212	1046
	3%	4%	3%	4%	2%
grade 3 events	609	636	637	925	518
	1%	1%	1%	1%	1%
grade 4 events	610	629	678	974	509
	1%	1%	1%	1%	1%
grade 5 events	1601	1698	1502	1839	1697
	4%	4%	3%	3%	4%
grade 6 events	1063	1178	995	1589	978
	2%	2%	2%	3%	2%
grade 7 events	28280	29311	32087	32685	32233
	74%	74%	75%	65%	81%

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	266.398448	266.4147686705336	Alternating exposures requested	N	N
Pointing Dec	-28.988663	-29.01210756055937	Primary exposure time	0.000000	3.1
Pointing Roll	270.794027	271.0106321166151			
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	210082979.184000	210081839.16359			
Observation start date	2004-08-28T12:21:55	2004-08-28T12:03:59			
Observation end time	210087979.184000	210088814.28891			
Observation end date	2004-08-28T13:45:15	2004-08-28T14:00:14			
Read mode	TIMED	TIMED			

2.3 Aspect



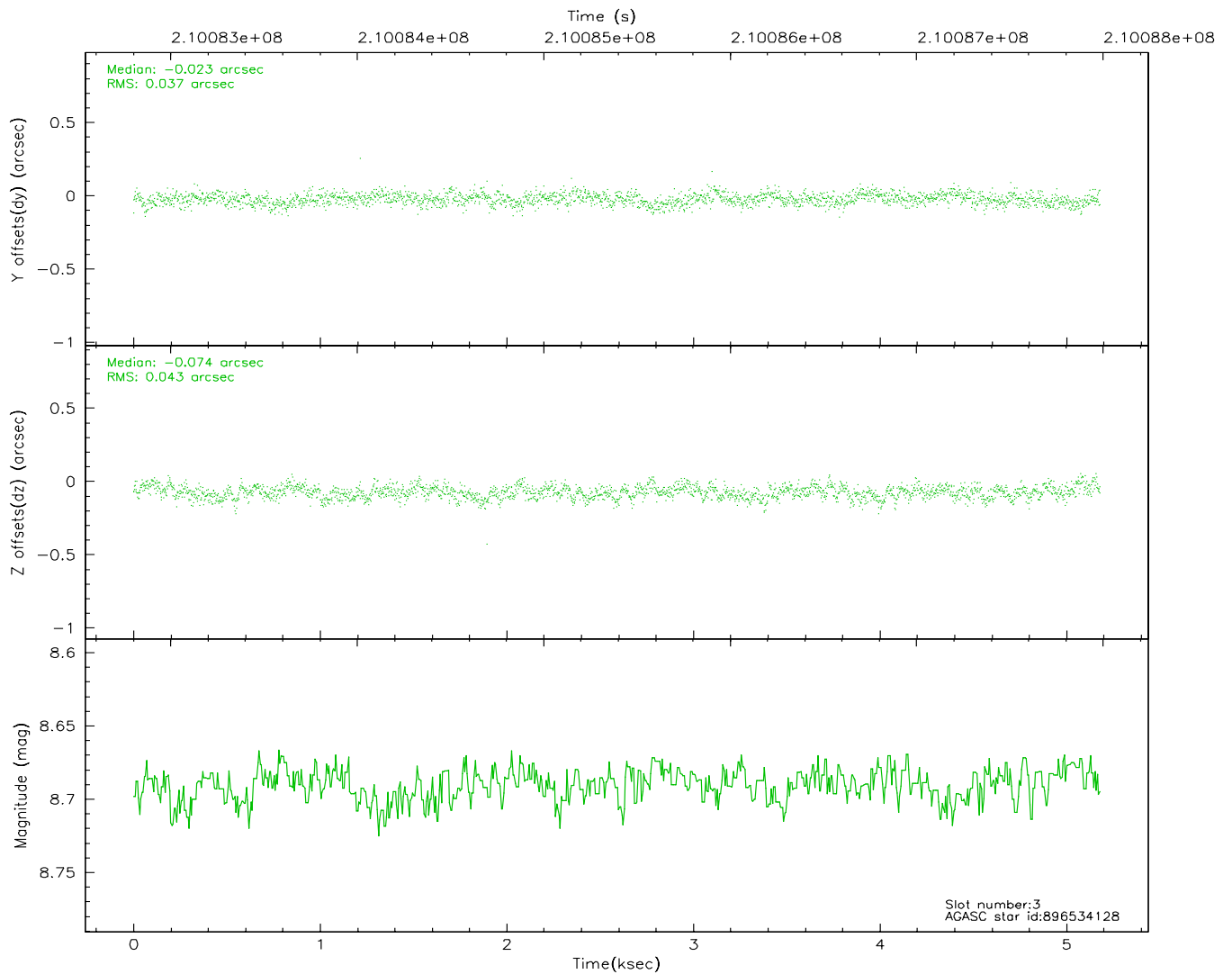
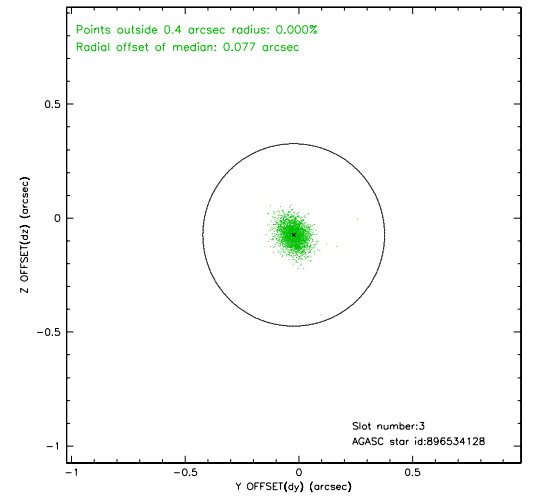
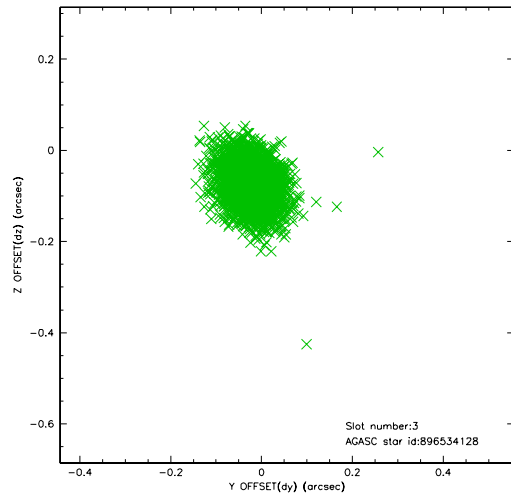


Slot Statistics

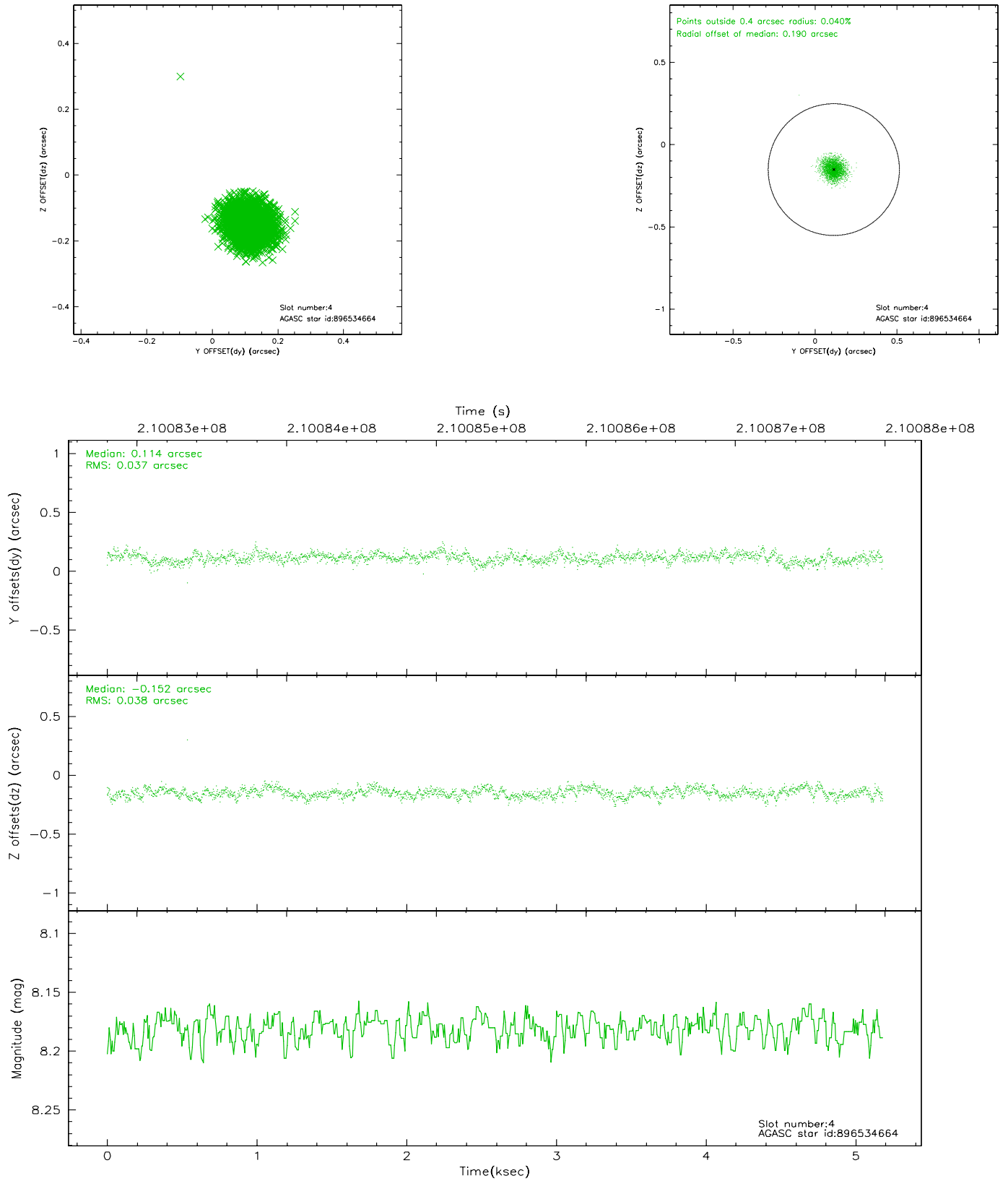
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1264	-0.023	0.017	0.010	0.018	0.000000	0.000000	933.11	-833.85
1	FID	ACIS-I-4	7.18	1264	0.050	0.022	0.010	0.017	0.000000	0.000000	2153.88	1065.37
2	FID	ACIS-I-5	7.22	1264	-0.125	0.031	0.007	0.013	0.000000	0.000000	-1813.49	1064.58
3	GUIDE	896534128	8.69	2526	-0.023	-0.074	0.059	0.099	266.503837	-29.080853	336.58	326.68
4	GUIDE	896534664	8.18	2528	0.114	-0.152	0.056	0.090	266.405570	-28.407461	-2091.54	51.25
5	GUIDE	896541576	8.19	2527	-0.069	0.026	0.058	0.091	267.051055	-28.762912	-779.39	2070.33
6	GUIDE	896544560	9.01	2526	-0.207	0.066	0.067	0.106	265.902975	-28.371895	-2239.11	-1538.06
7	GUIDE	896539920	8.82	2525	0.186	0.132	0.063	0.103	266.848347	-29.638887	2362.08	1374.61

2.4 Star Slots

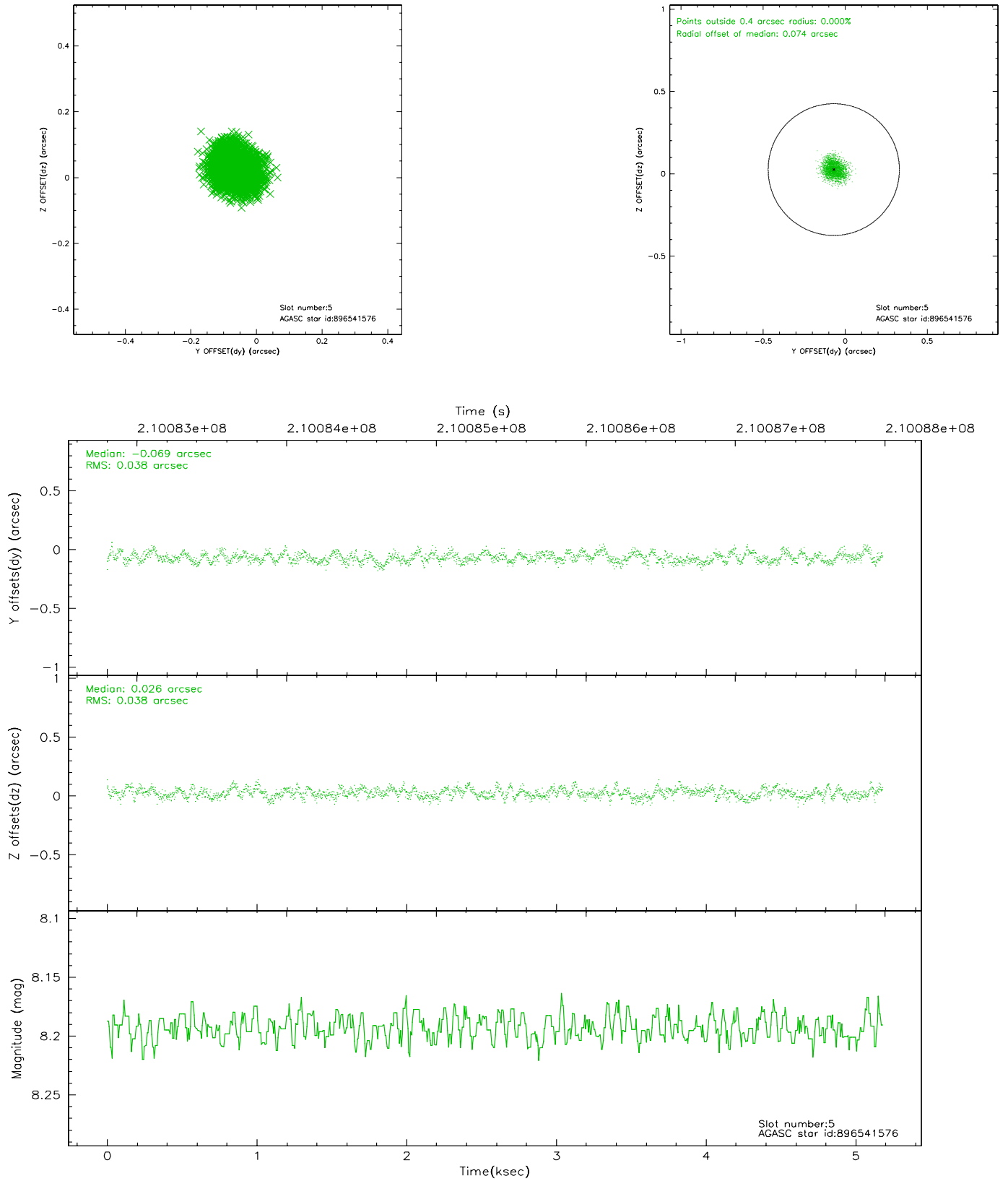
2.4.1 Slot 3



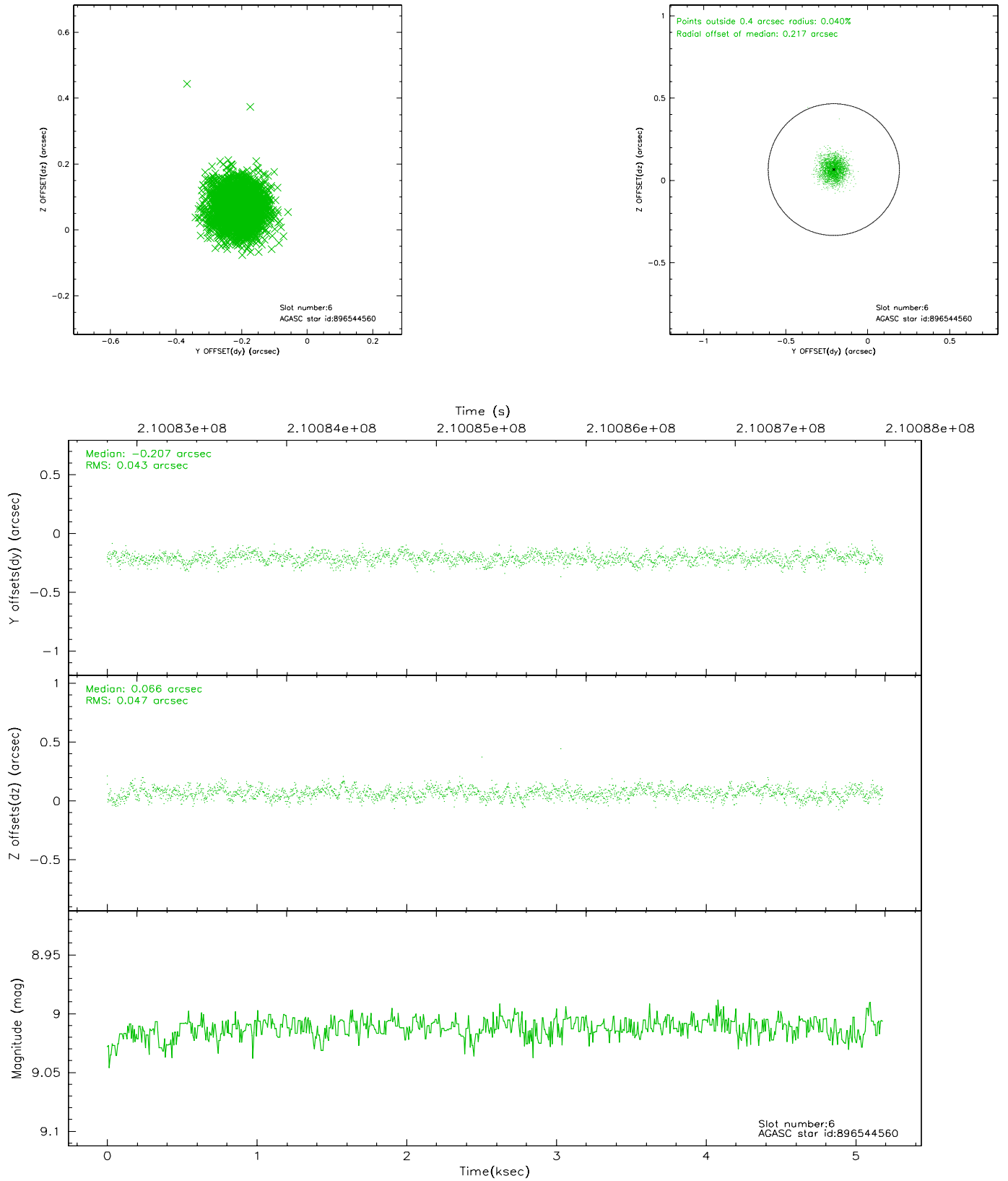
2.4.2 Slot 4



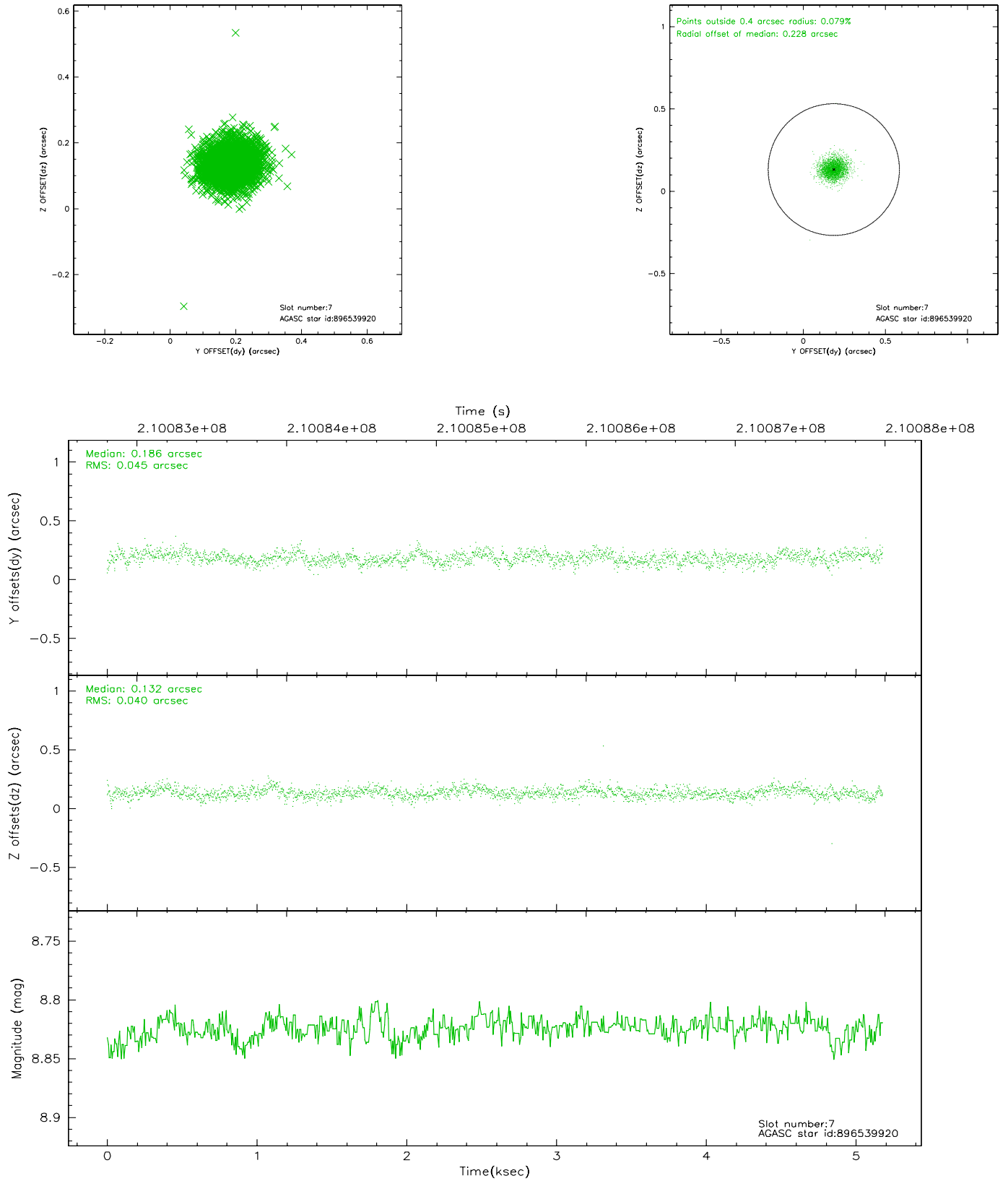
2.4.3 Slot 5



2.4.4 Slot 6

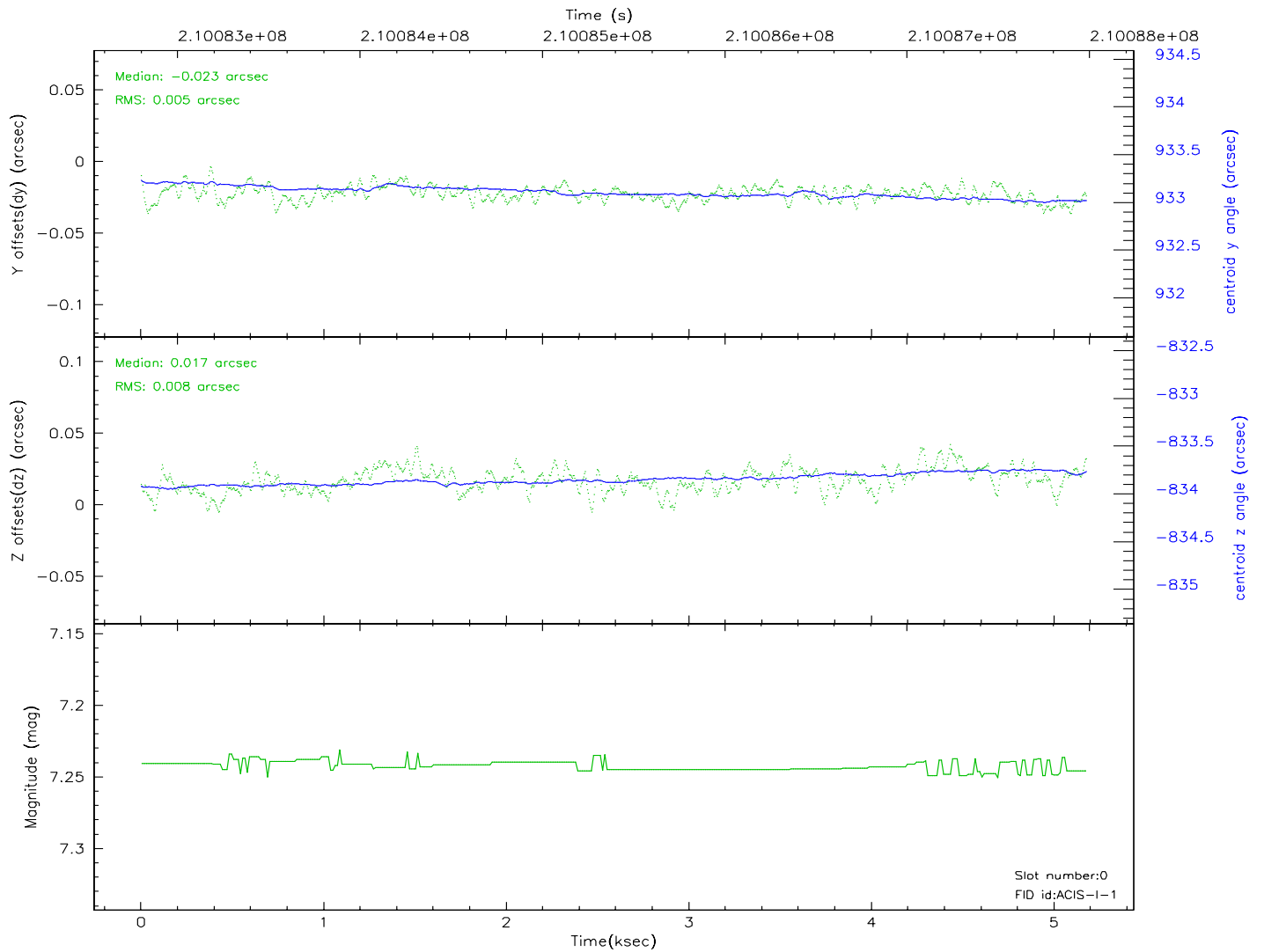
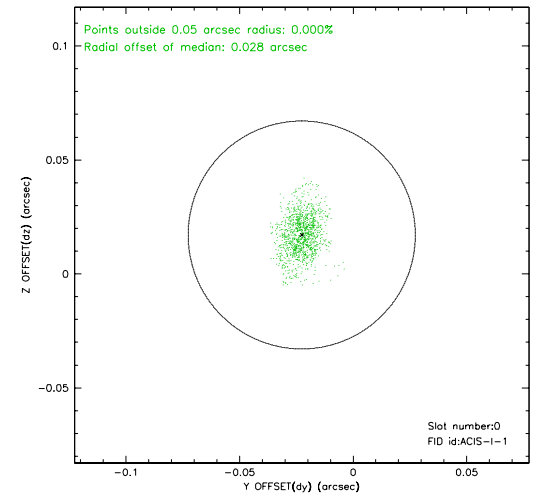
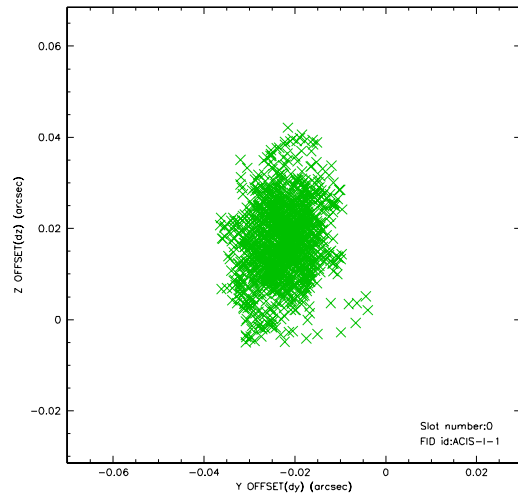


2.4.5 Slot 7

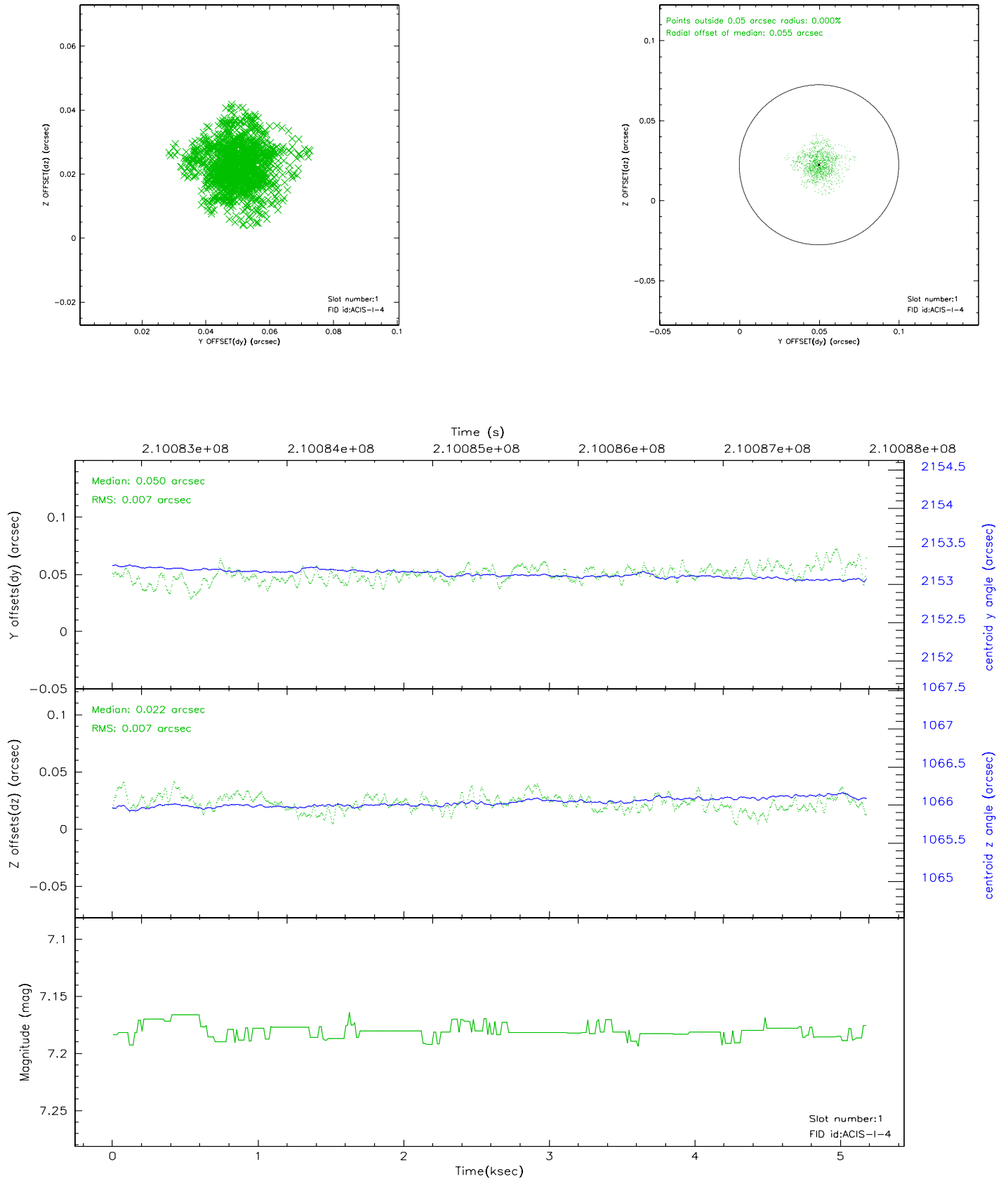


2.5 FID Slots

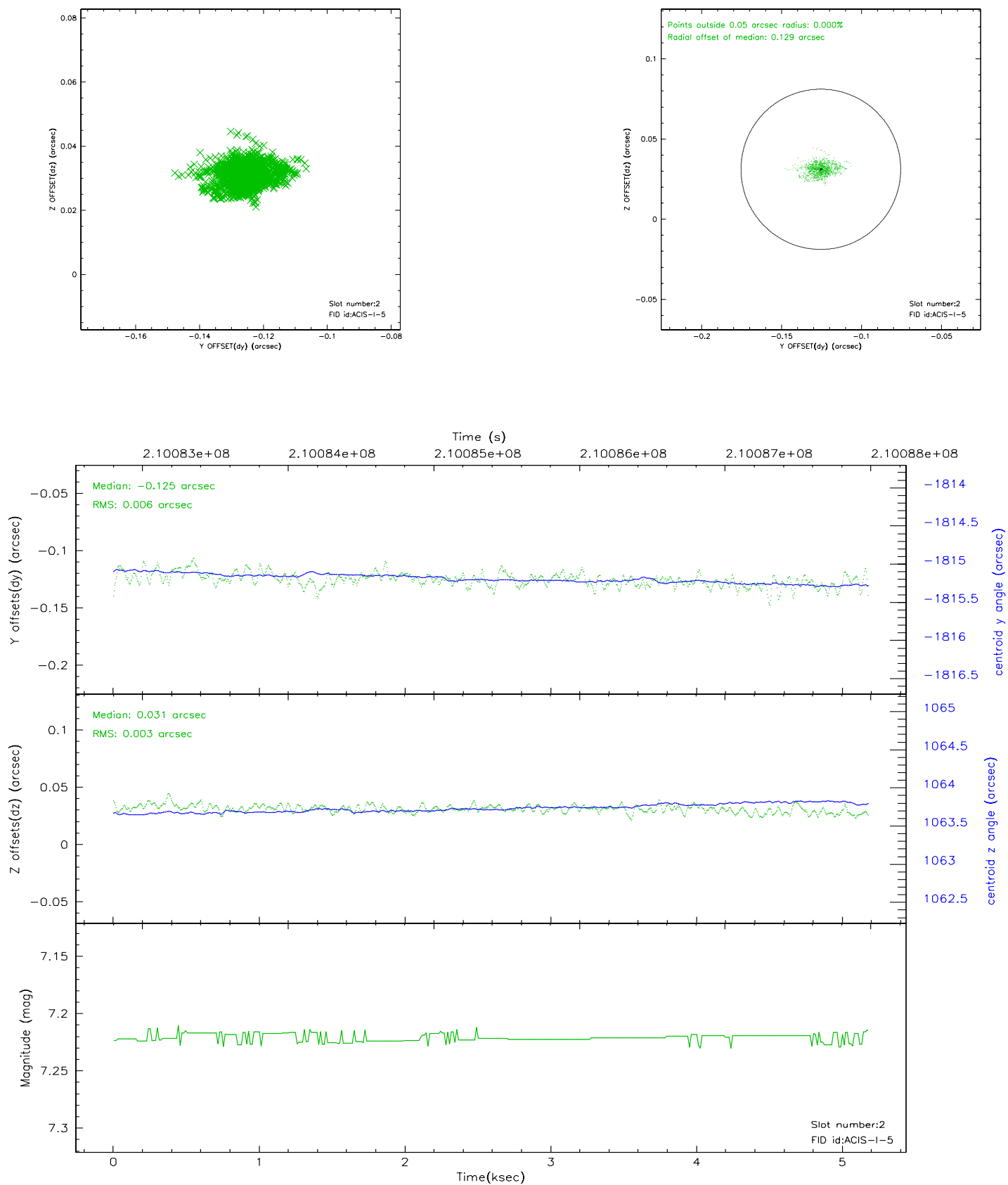
2.5.1 Slot 0



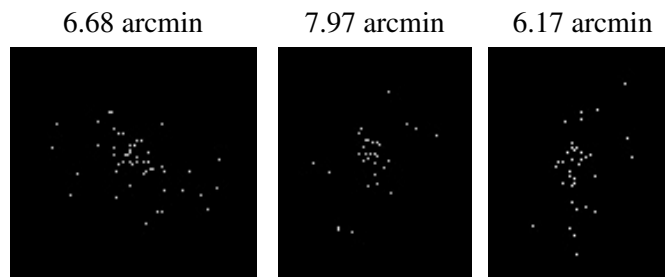
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.174

A.2 Comments

Window preference met.