

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 89 - L2 Version 001
Chandra X-Ray Center

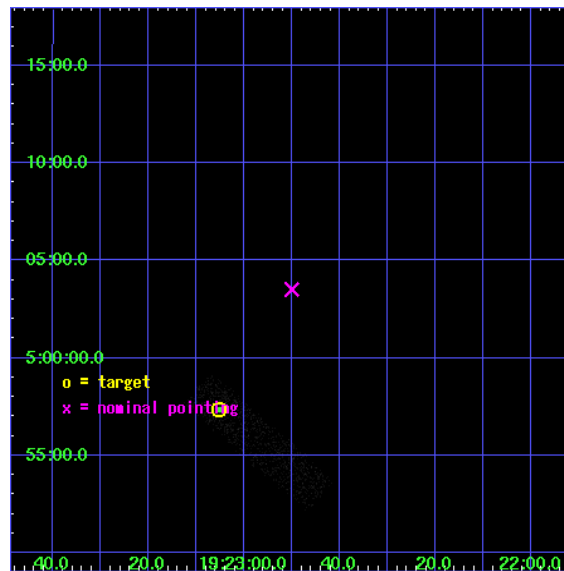
L2 Processing Date : May 25 2007

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
3	Point Sources	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

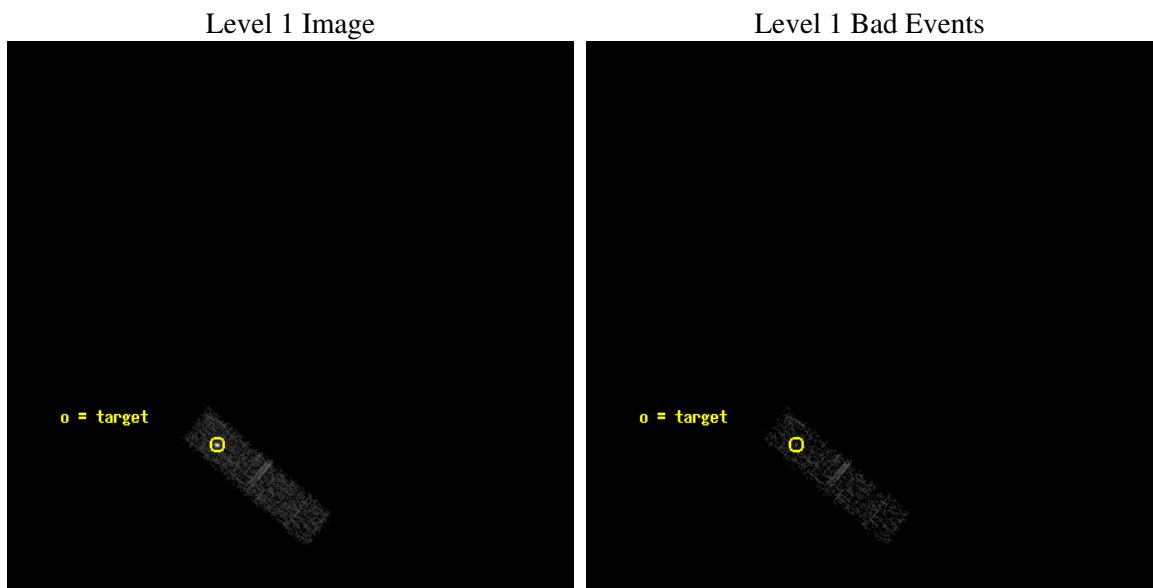
seq_num	300036
obs_id	89
title	MULTIWAVELENGTH TOO OBSERVATIONS OF BRIGHT NOVAE IN OUTBURST
observer	Professor Sumner Starrfield
object	V1494AQL
dtcycle	0
cycle	P
ra_targ	290.772
dec_targ	4.95585
ra_nom	290.70866488521
dec_nom	5.058650689116
roll_nom	130.56150632268
revision	3
ontime	5186.3589406759
liveltime	4933.2815948596
ontime3	5186.3589406759
l2events	5012



2 OBI

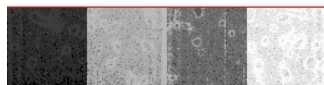
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-25T20:37:19
revision	3

sched_exp_time	5000.000000
ontime	5186.3589406759
ontime3	5186.3589406759
l1events	17535

2.1.4 Events

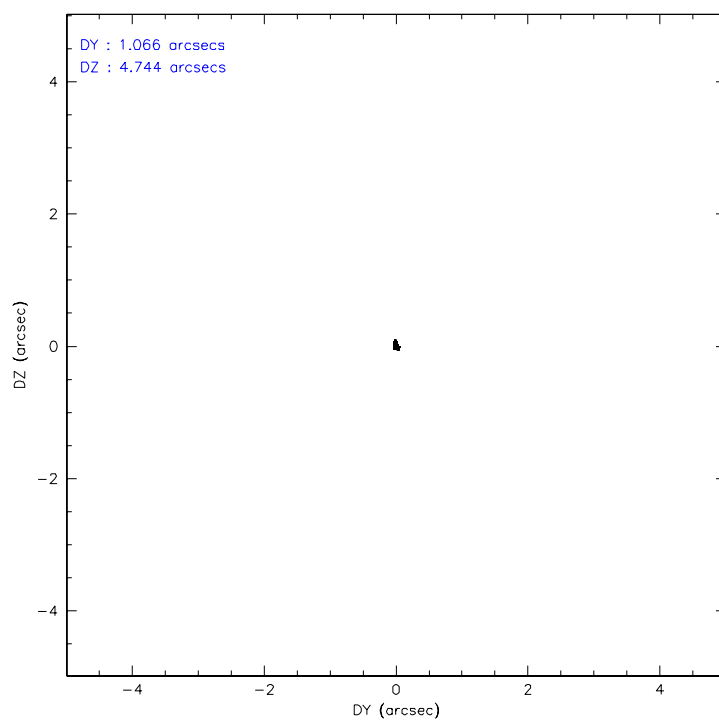
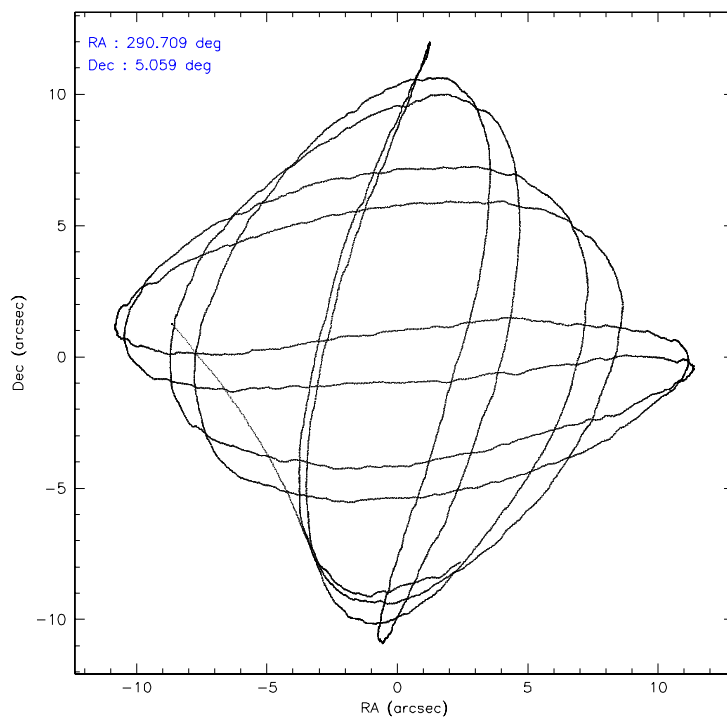
	ccd 3
level 1 events	17535
rejected events	12280
rejected %	70%

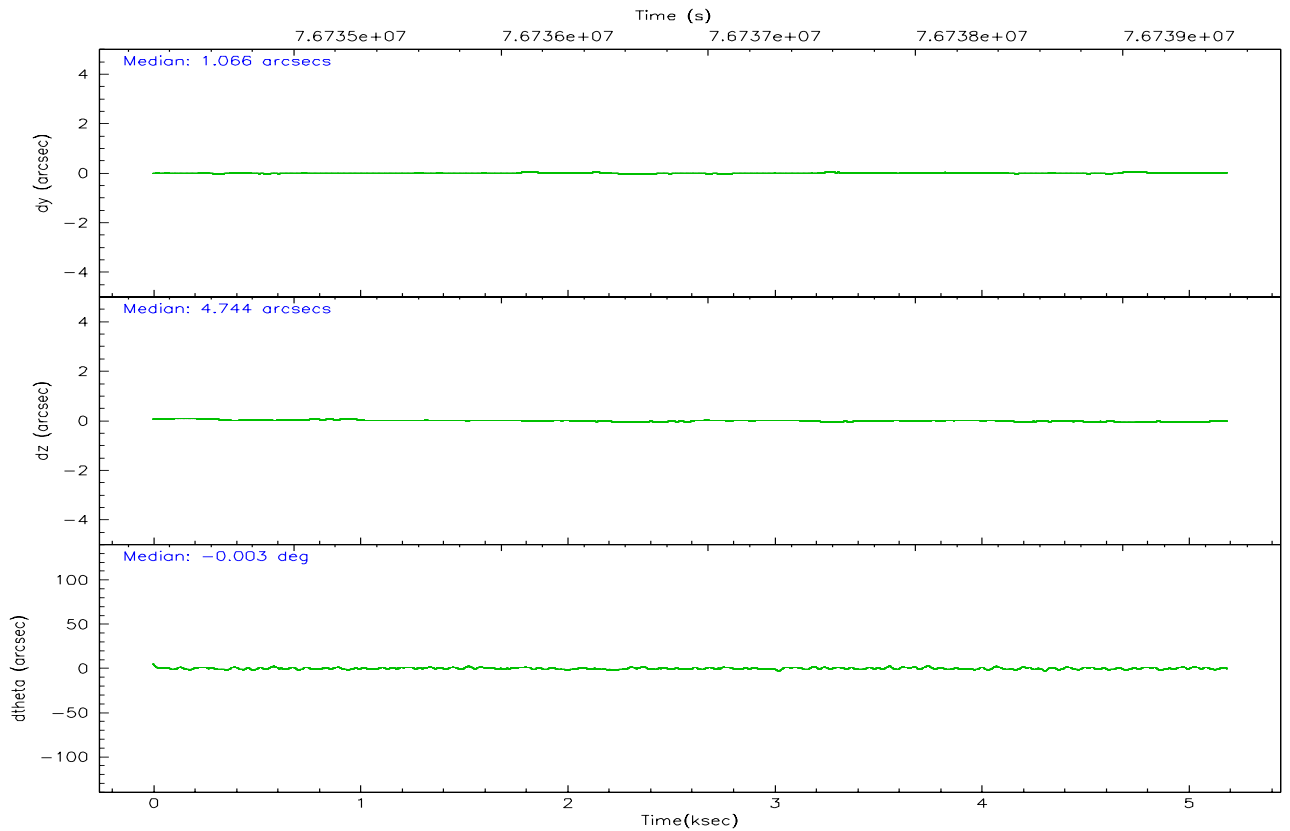
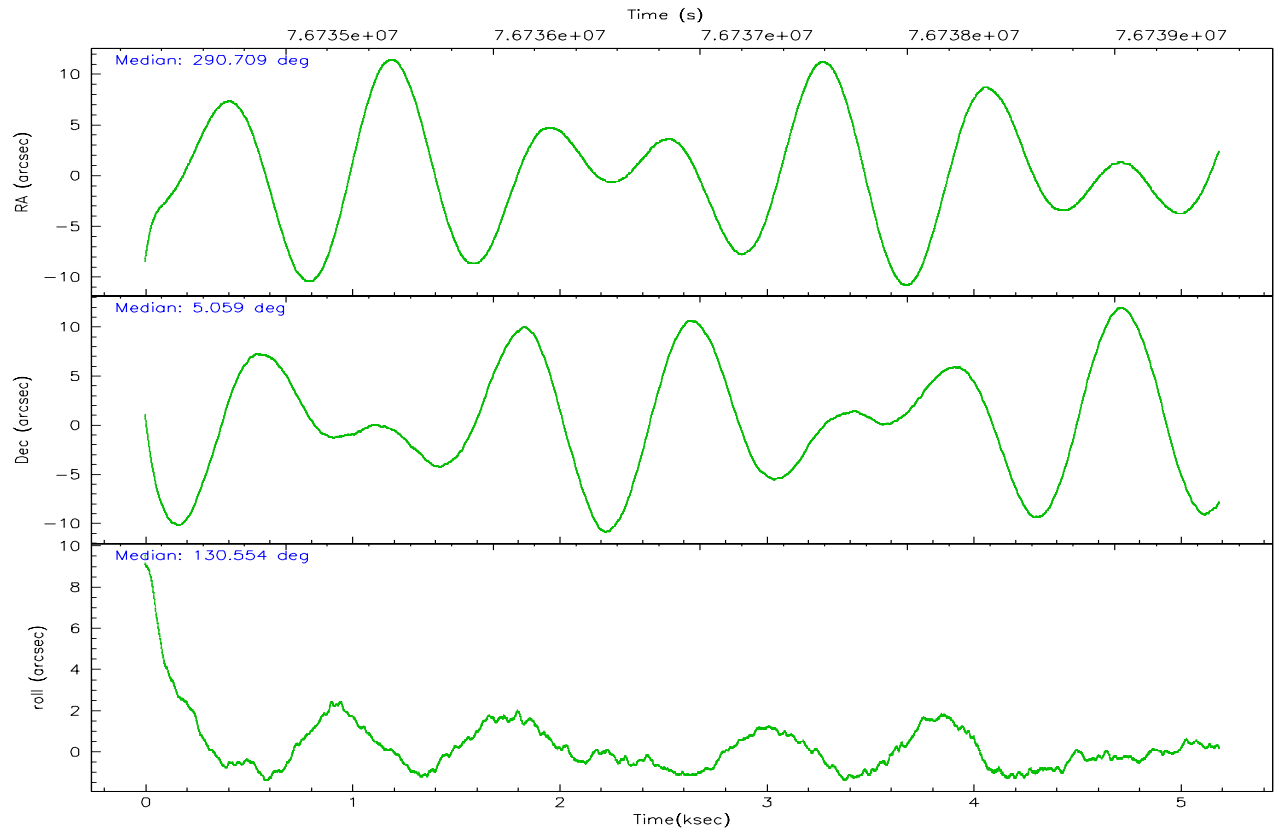
	ccd 3
grade 0 events	3901
	22%
grade 1 events	33
	0%
grade 2 events	636
	3%
grade 3 events	321
	1%
grade 4 events	350
	1%
grade 5 events	274
	1%
grade 6 events	384
	2%
grade 7 events	11636
	66%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	290.734773	290.7086648852143	Subarray requested	CUSTOM	1/4
Pointing Dec	5.049437	5.058650689115979	Subarray start row	1	1
Pointing Roll	130.350507	130.5615063226846	Subarray row count	256	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	3.200000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	76734504.184000	76733357.851215			
Observation start date	2000-06-07T03:07:20	2000-06-07T02:49:17			
Observation end time	76739504.184000	76740121.826464			
Observation end date	2000-06-07T04:30:40	2000-06-07T04:42:01			
Read mode	TIMED	TIMED			

2.3 Aspect



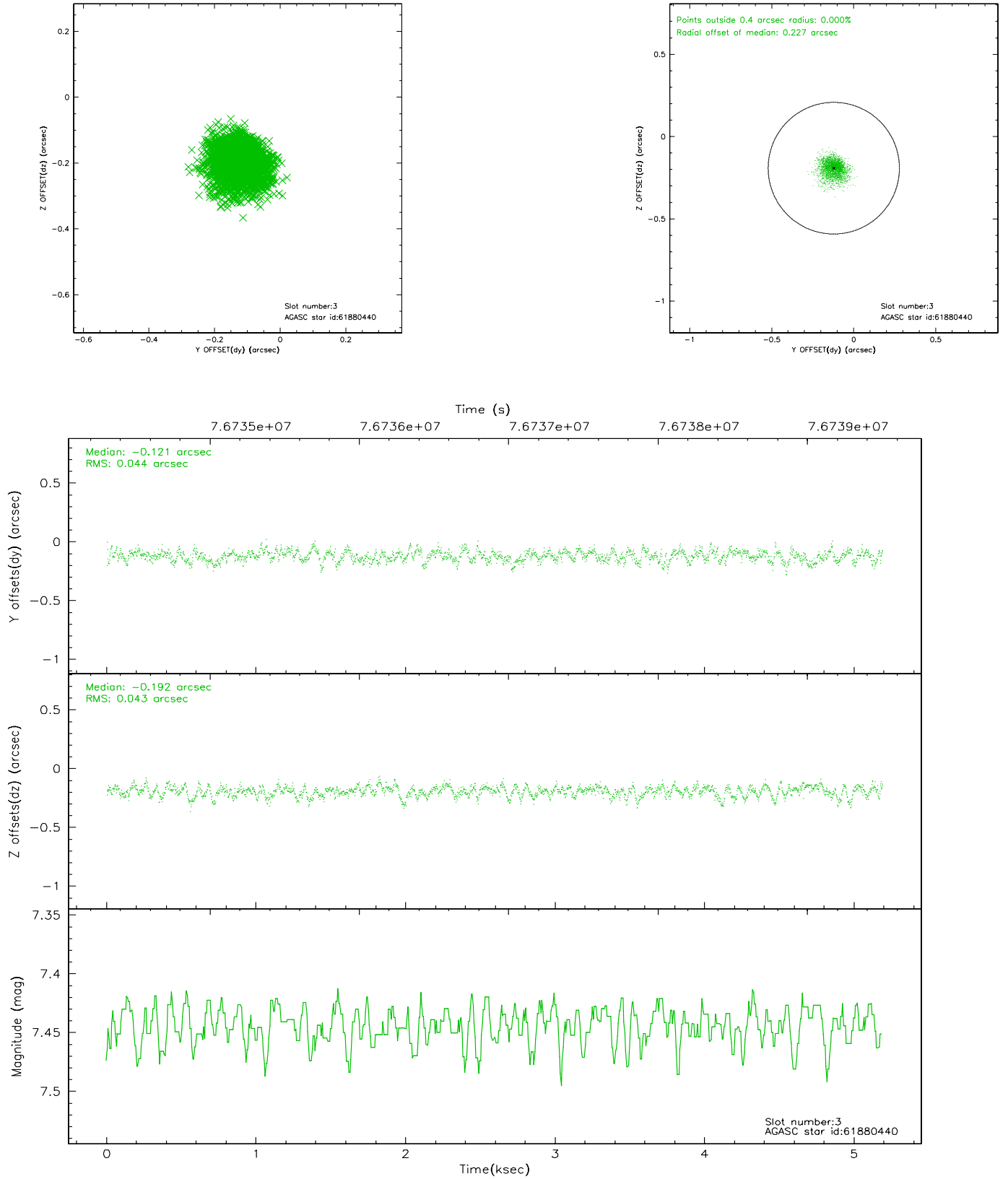


Slot Statistics

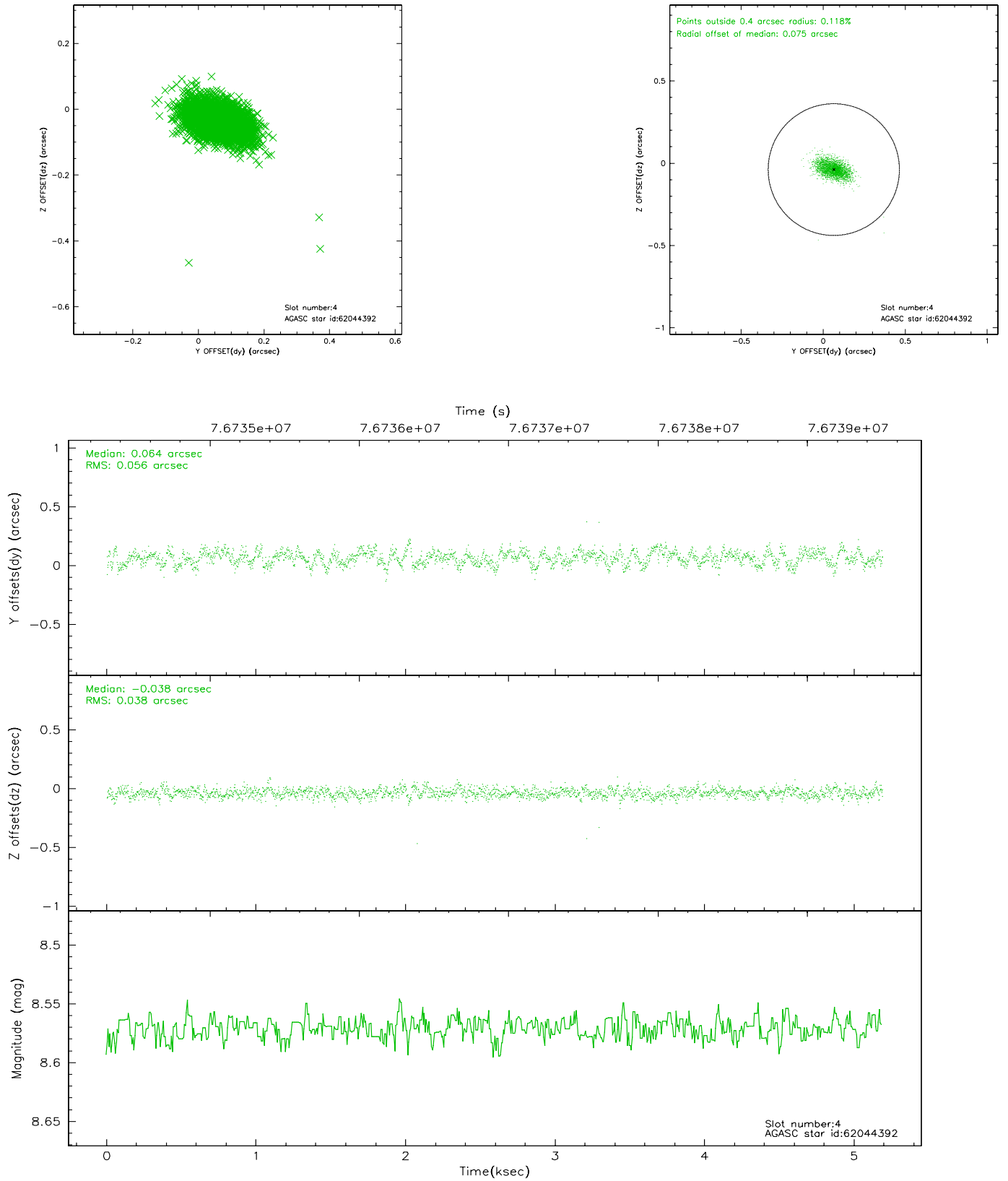
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1266	-0.020	0.030	0.003	0.006	0.000000	0.000000	-755.40	-834.42
1	FID	ACIS-I-4	7.19	1266	-0.049	0.013	0.003	0.006	0.000000	0.000000	2158.08	1071.19
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	61880440	7.44	2532	-0.121	-0.192	0.065	0.111	290.081203	4.777895	773.24	2418.75
4	GUIDE	62044392	8.57	2532	0.064	-0.038	0.069	0.117	290.763860	4.614406	-1261.20	934.97
5	GUIDE	61871112	8.69	2531	0.023	-0.000	0.063	0.105	290.340849	5.123147	1116.16	904.61
6	GUIDE	62013672	8.56	2531	-0.004	0.167	0.064	0.104	291.398358	5.180057	-1180.79	-2118.29
7	GUIDE	62021832	9.23	2530	0.041	0.069	0.084	0.132	290.889874	5.387344	566.59	-1212.26

2.4 Star Slots

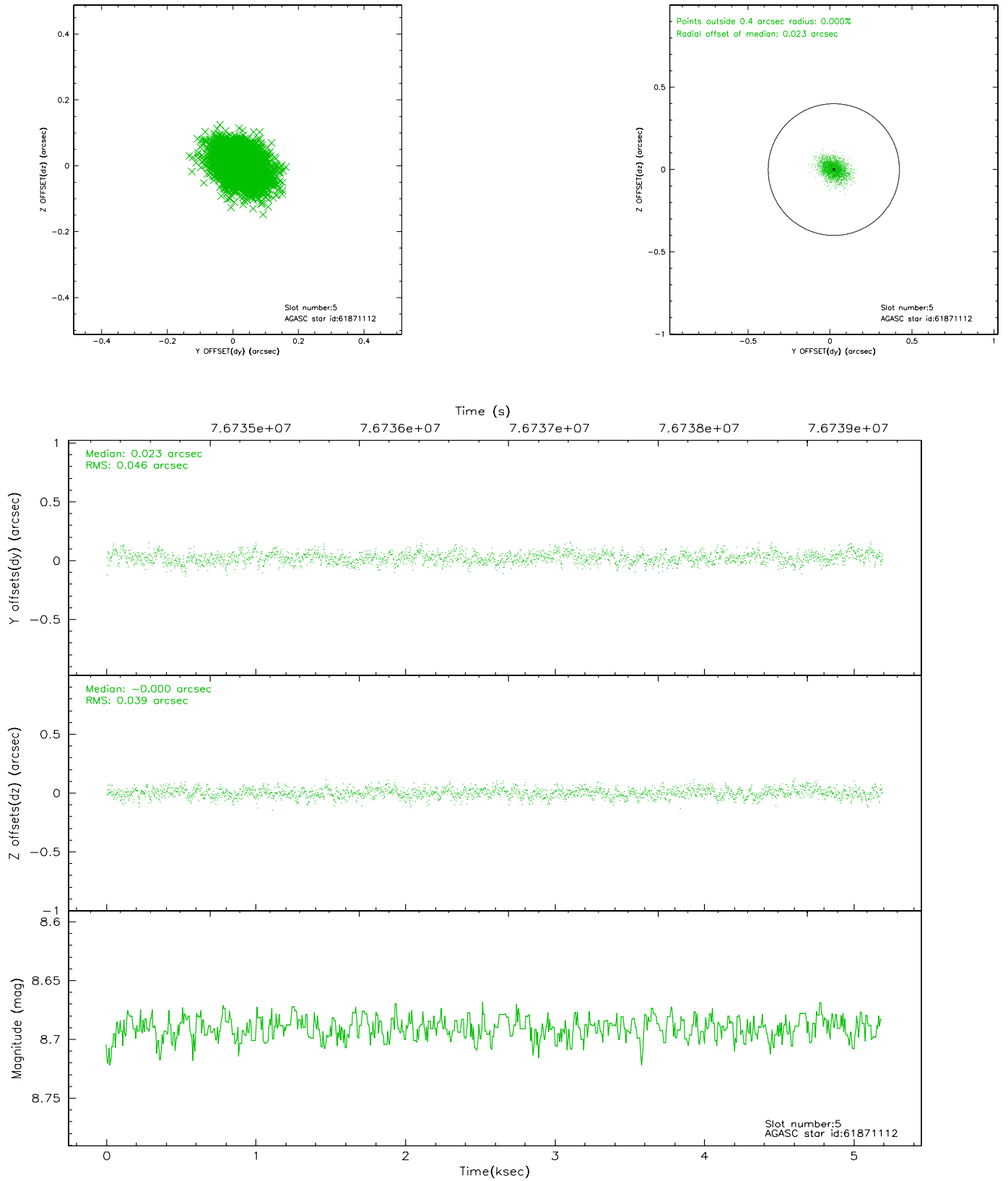
2.4.1 Slot 3



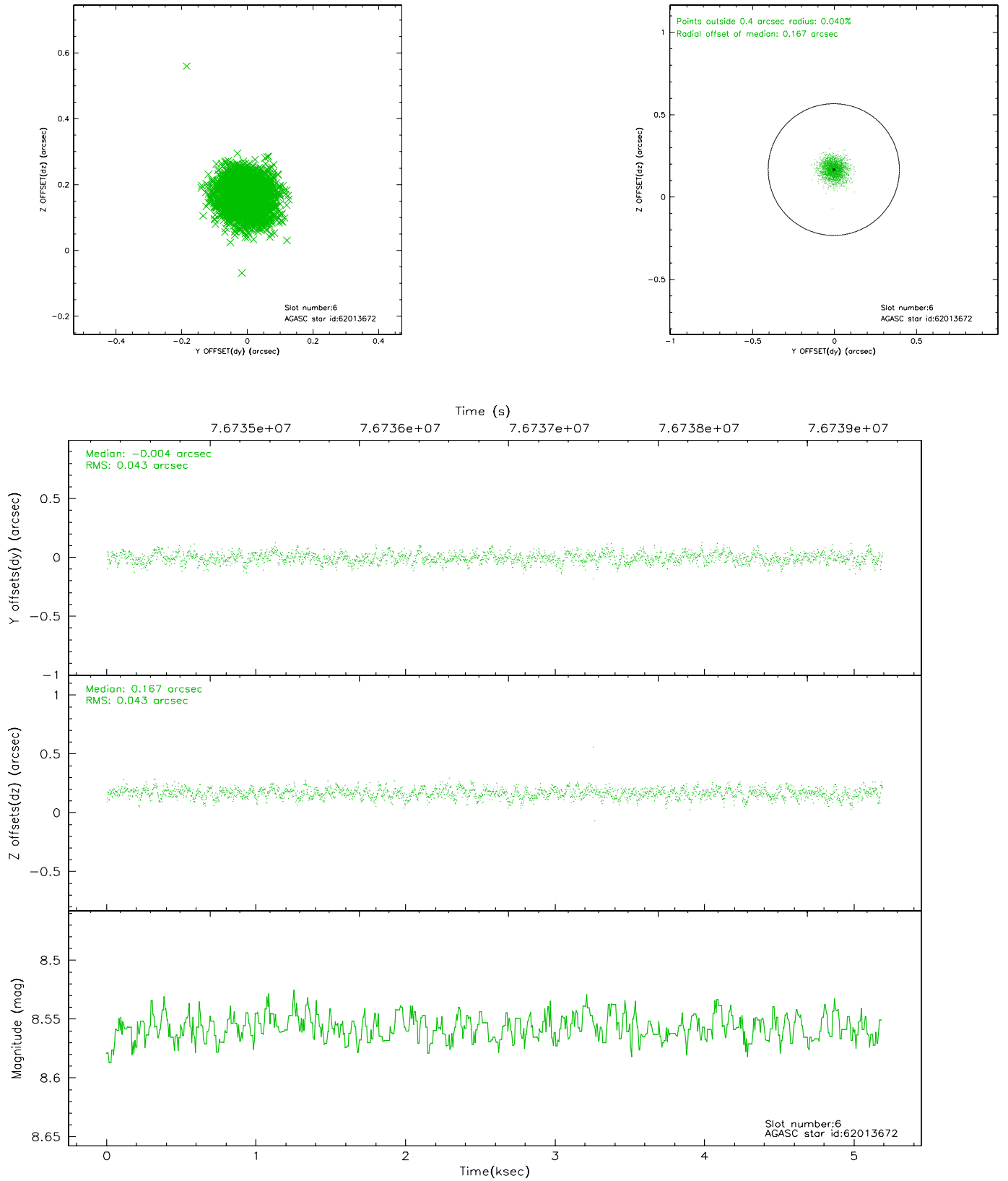
2.4.2 Slot 4



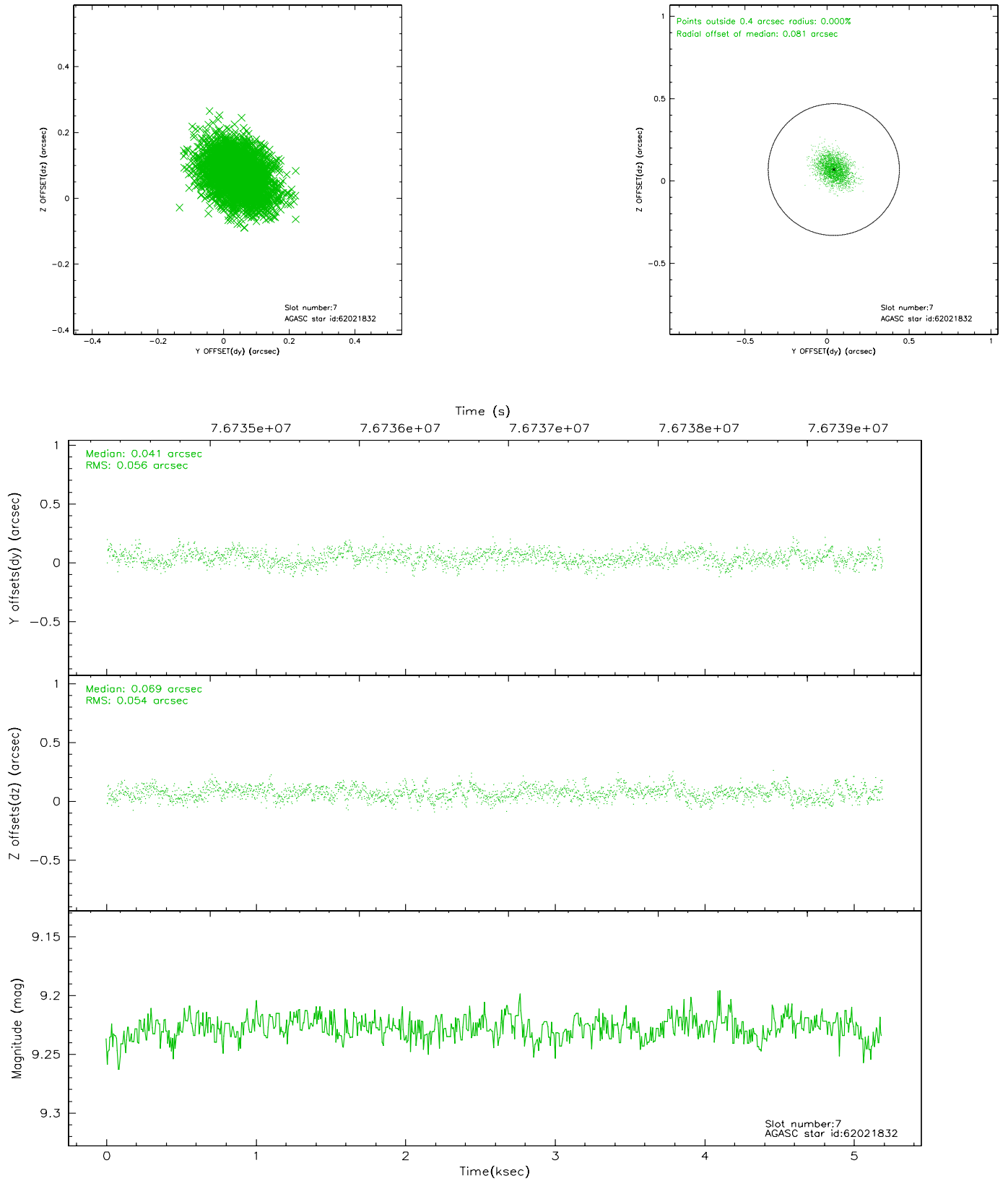
2.4.3 Slot 5



2.4.4 Slot 6

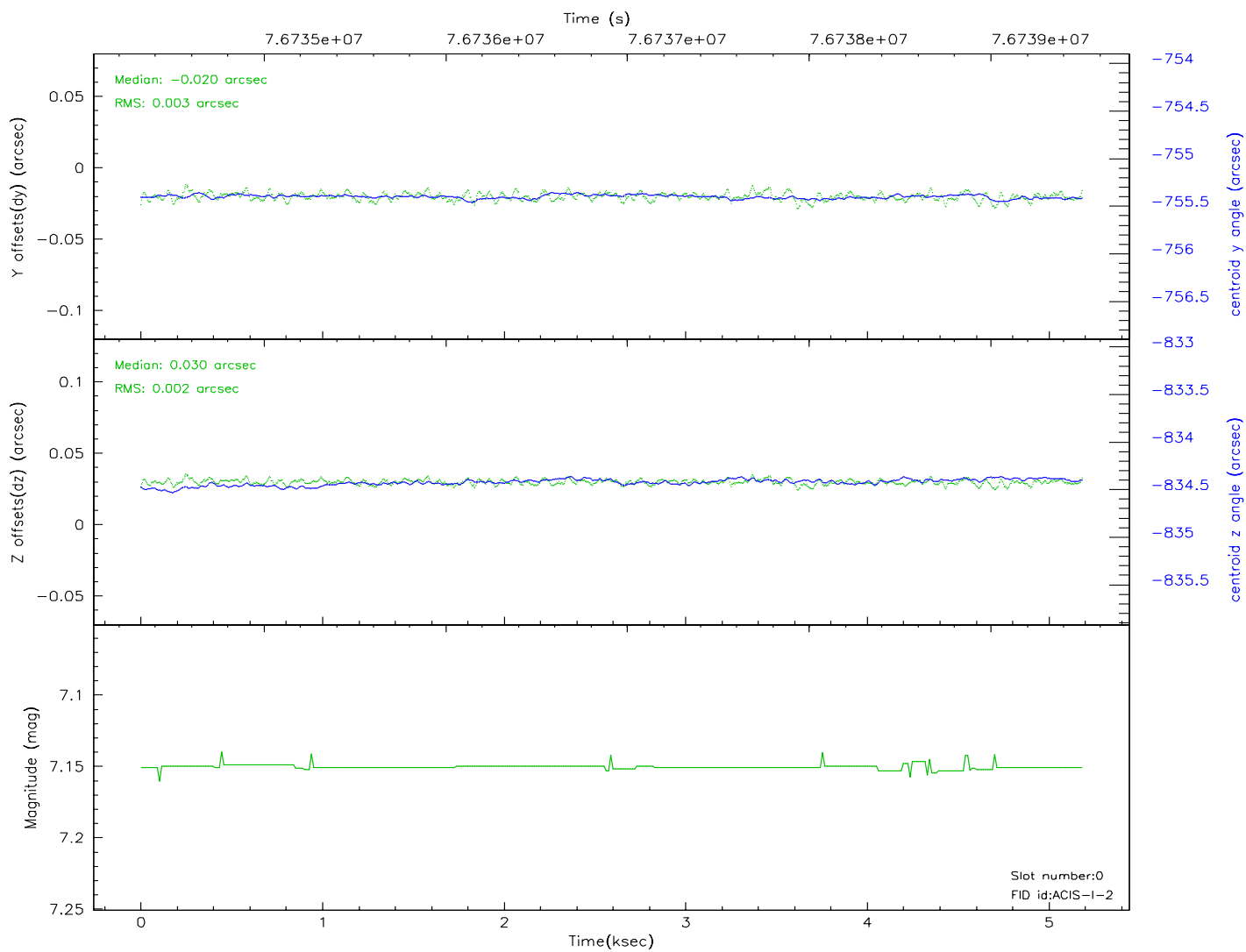
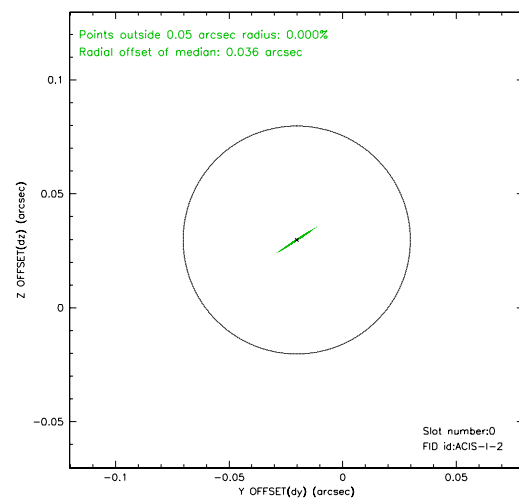
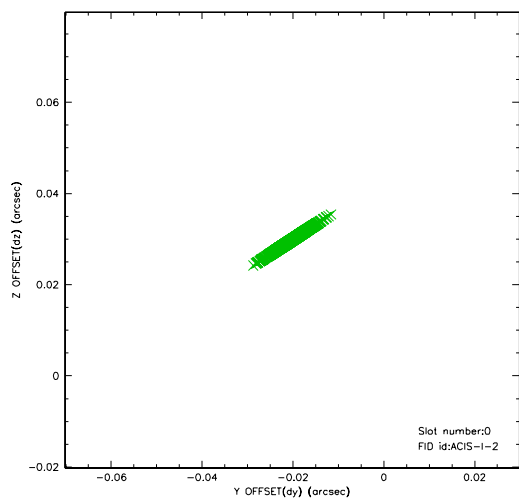


2.4.5 Slot 7

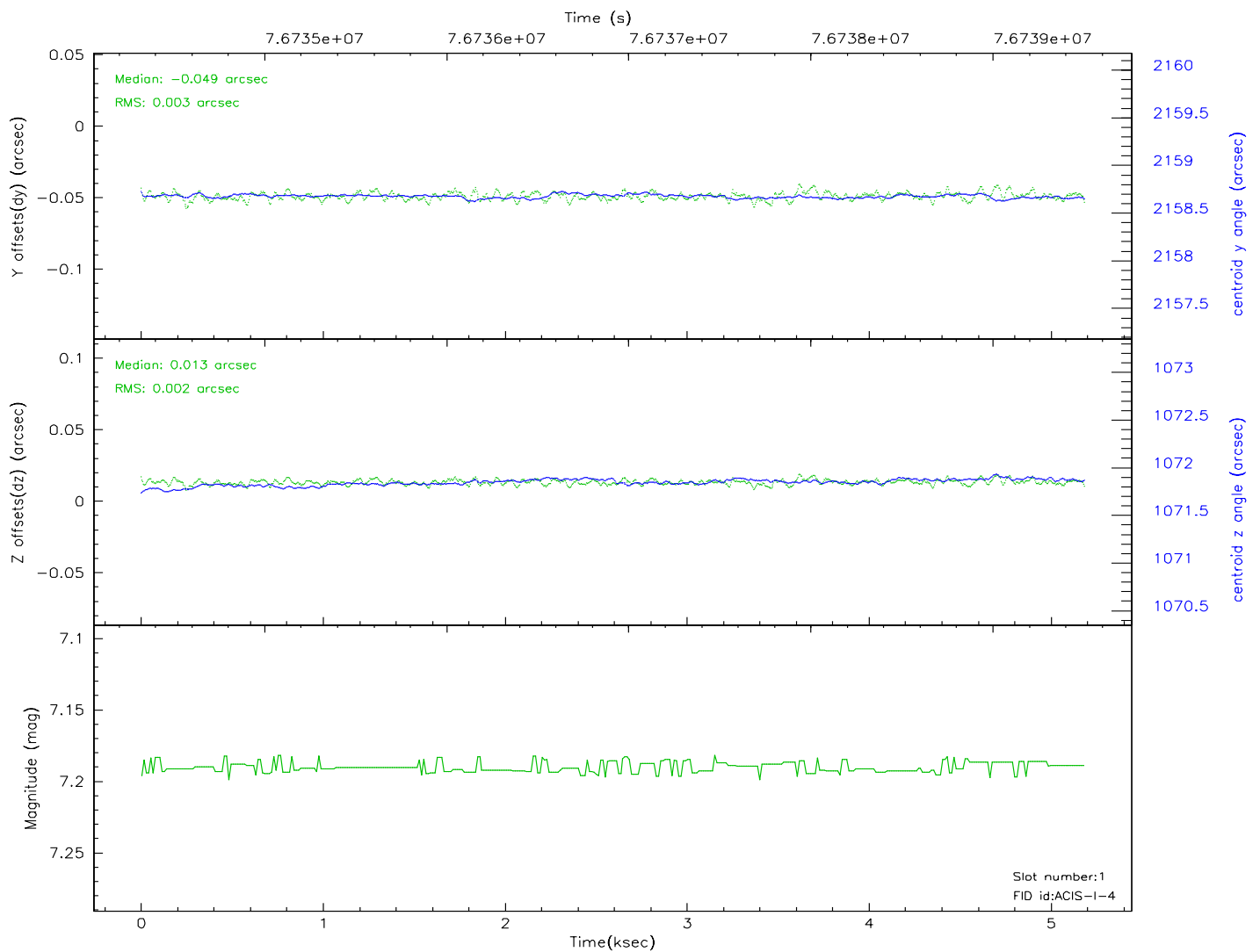
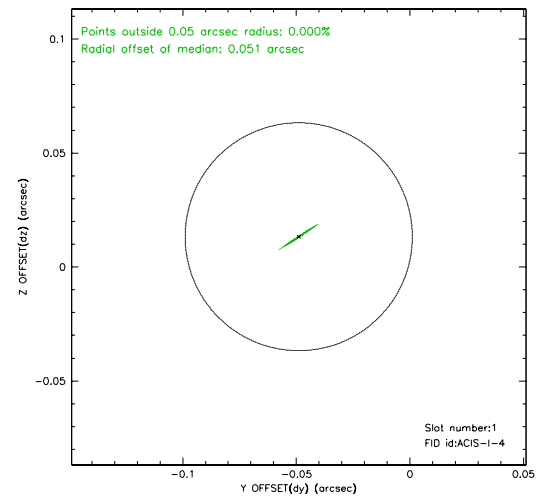
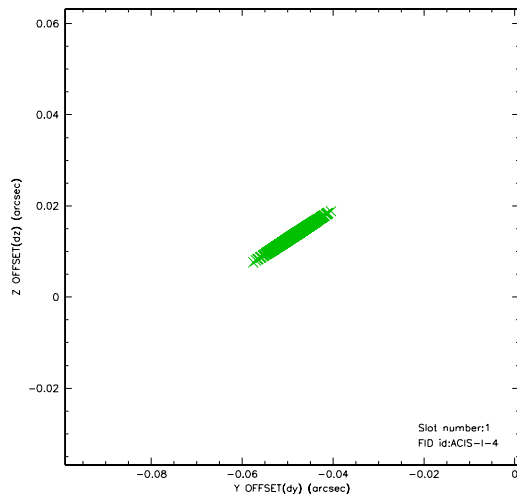


2.5 FID Slots

2.5.1 Slot 0

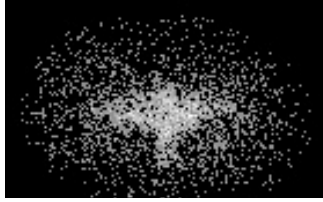


2.5.2 Slot 1



3 Point Sources

7.26 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	5.186

A.2 Comments

Window constraint met. Chip and target are away from the aimpoint.

=====

The guide star in slot 2 was manually excluded from the processing due to poor data quality.