

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 83 - L2 Version 001
Chandra X-Ray Center

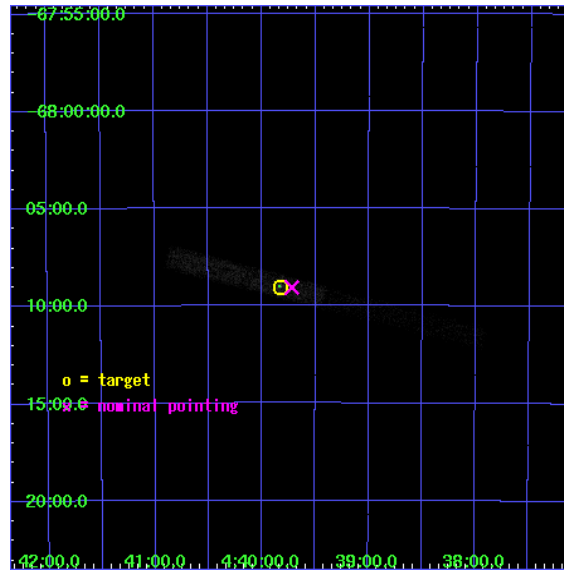
L2 Processing Date : May 22 2007

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1 Front

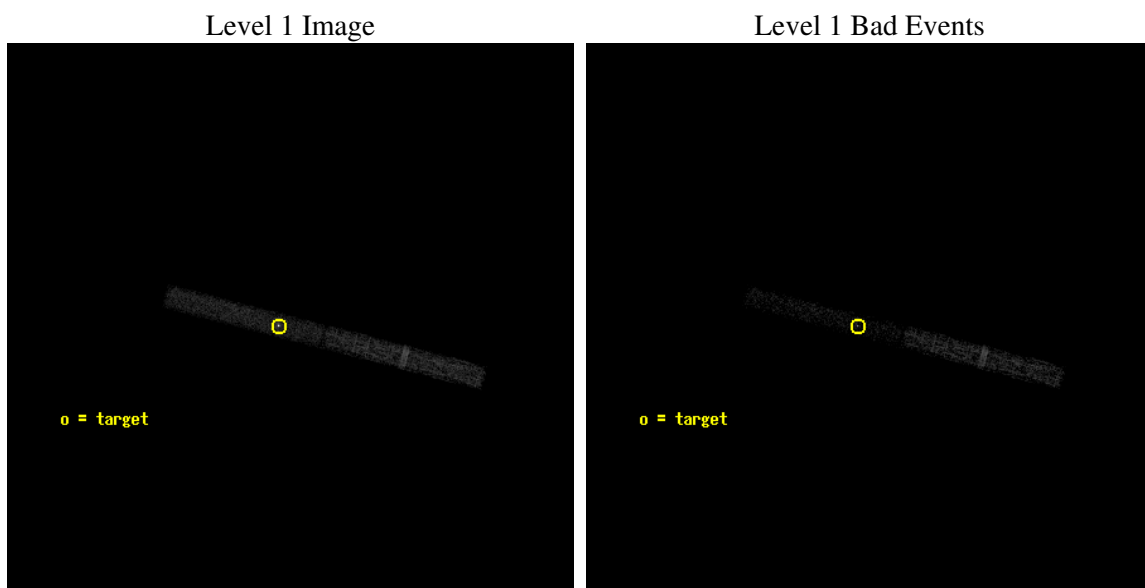
seq_num	300008
obs_id	83
title	SUPER-SOFT X-RAY SOURCES
observer	Dr. Stephen Murray
object	RX J0439.8-6809
dtcycle	0
cycle	P
ra_targ	69.956667
dec_targ	-68.150556
ra_nom	69.929750728464
dec_nom	-68.151164618128
roll_nom	194.2830190218
revision	4
ontime	8108.0
livetime	7492.9764897235
ontime6	8107.4589600116
ontime7	8108.0
l2events	8346



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 6

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-22T14:26:59
revision	4

sched_exp_time	7500.000000
ontime	8108.0
ontime6	8107.4589600116
ontime7	8108.0
l1events	24997

2.1.4 Events

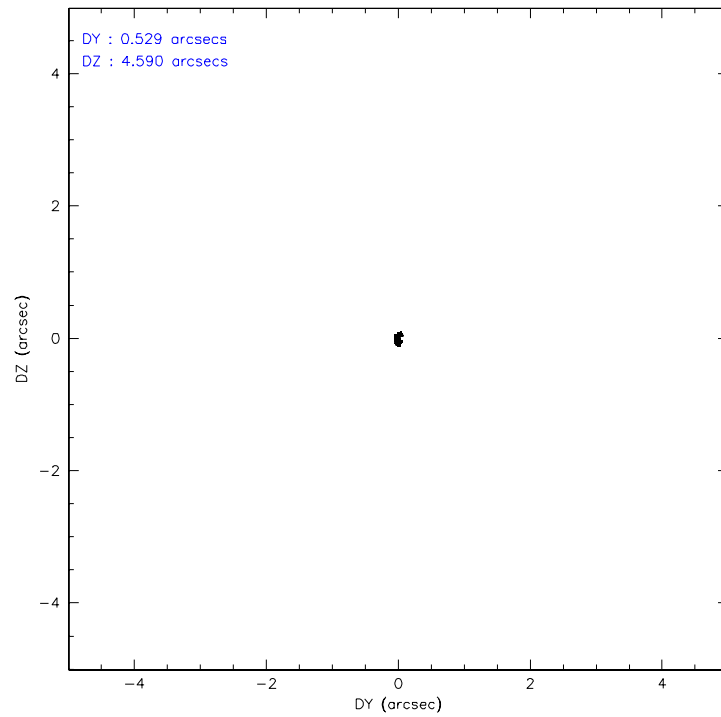
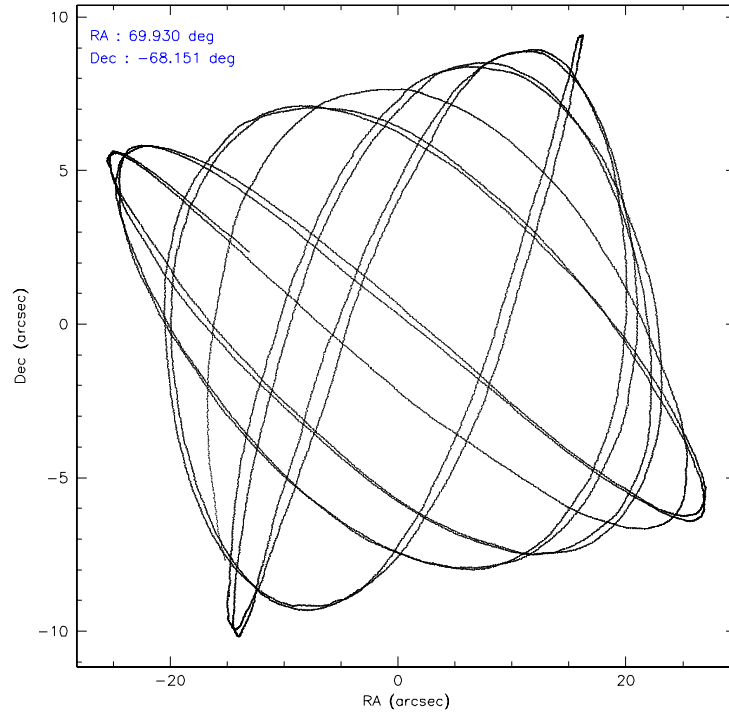
	ccd 6	ccd 7
level 1 events	12517	12480
rejected events	11320	4835
rejected %	90%	38%

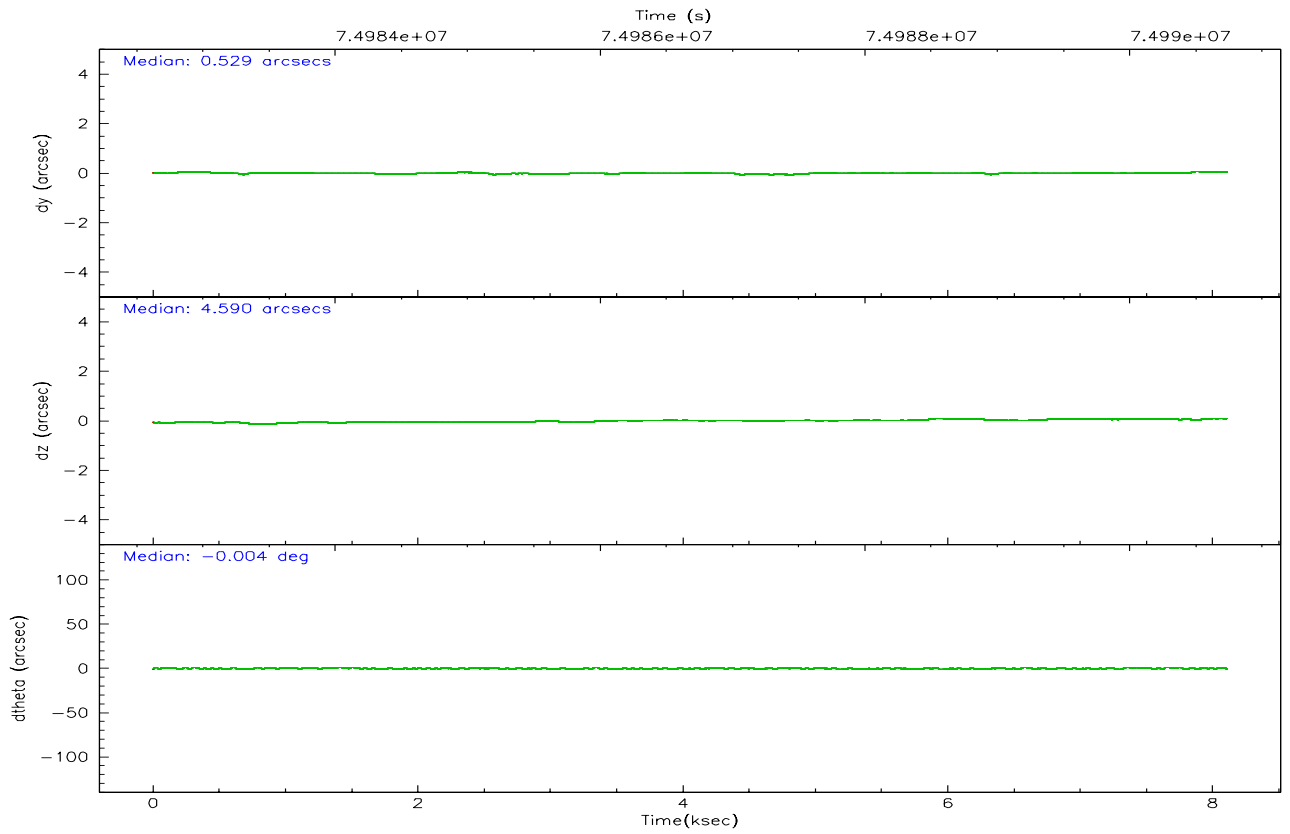
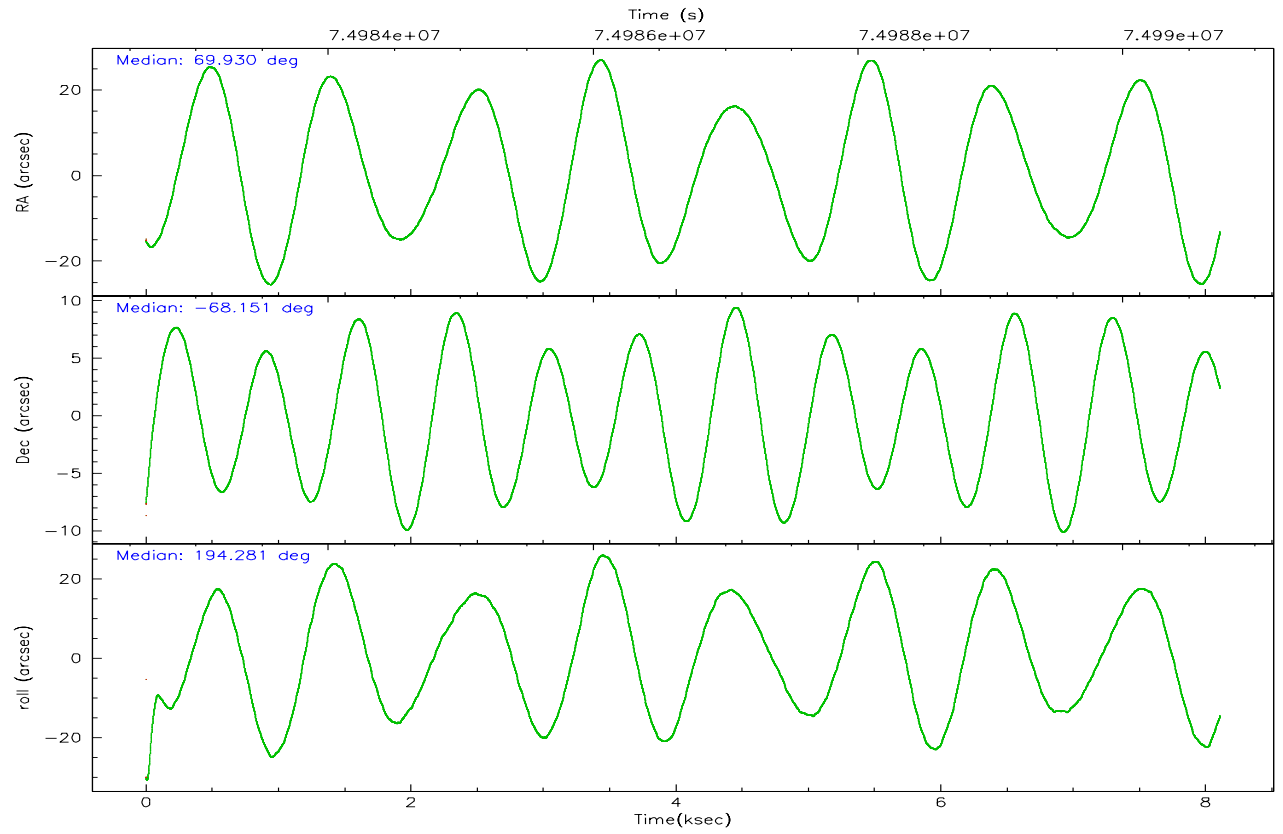
	ccd 6	ccd 7
grade 0 events	395	3324
	3%	26%
grade 1 events	2	103
	0%	0%
grade 2 events	176	1166
	1%	9%
grade 3 events	242	633
	1%	5%
grade 4 events	206	641
	1%	5%
grade 5 events	274	855
	2%	6%
grade 6 events	191	1950
	1%	15%
grade 7 events	11031	3808
	88%	30%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-67	ACIS-67	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	69.982393	69.9297507284644	Subarray requested	CUSTOM	1/8
Pointing Dec	-68.131984	-68.15116461812849	Subarray start row	448	448
Pointing Roll	194.175280	194.2830190218007	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.5
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	74983234.184000	74982065.336806			
Observation start date	2000-05-17T20:39:30	2000-05-17T20:21:05			
Observation end time	74990734.184000	74991506.09965301			
Observation end date	2000-05-17T22:44:30	2000-05-17T22:58:26			
Read mode	TIMED	TIMED			

2.3 Aspect



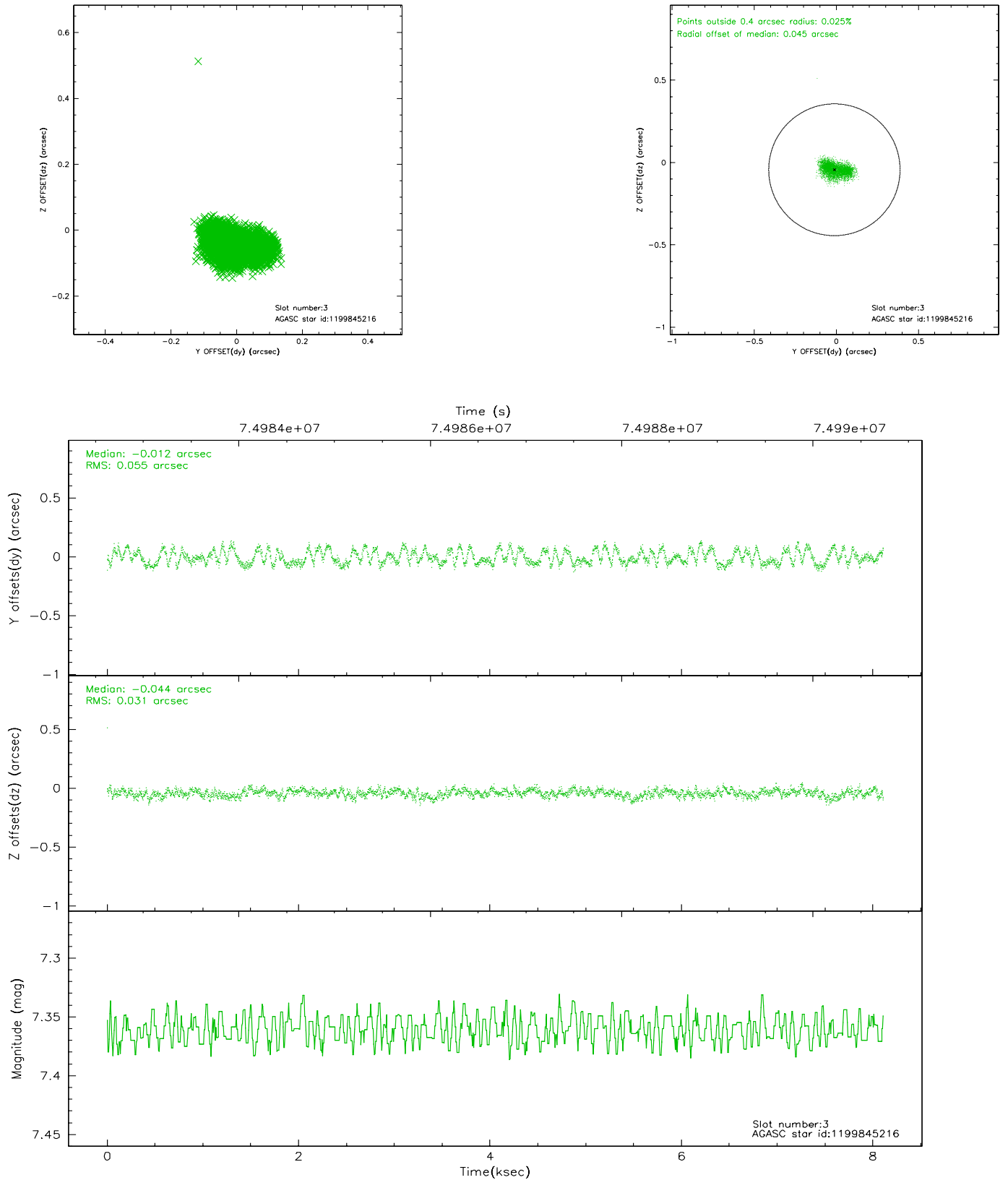


Slot Statistics

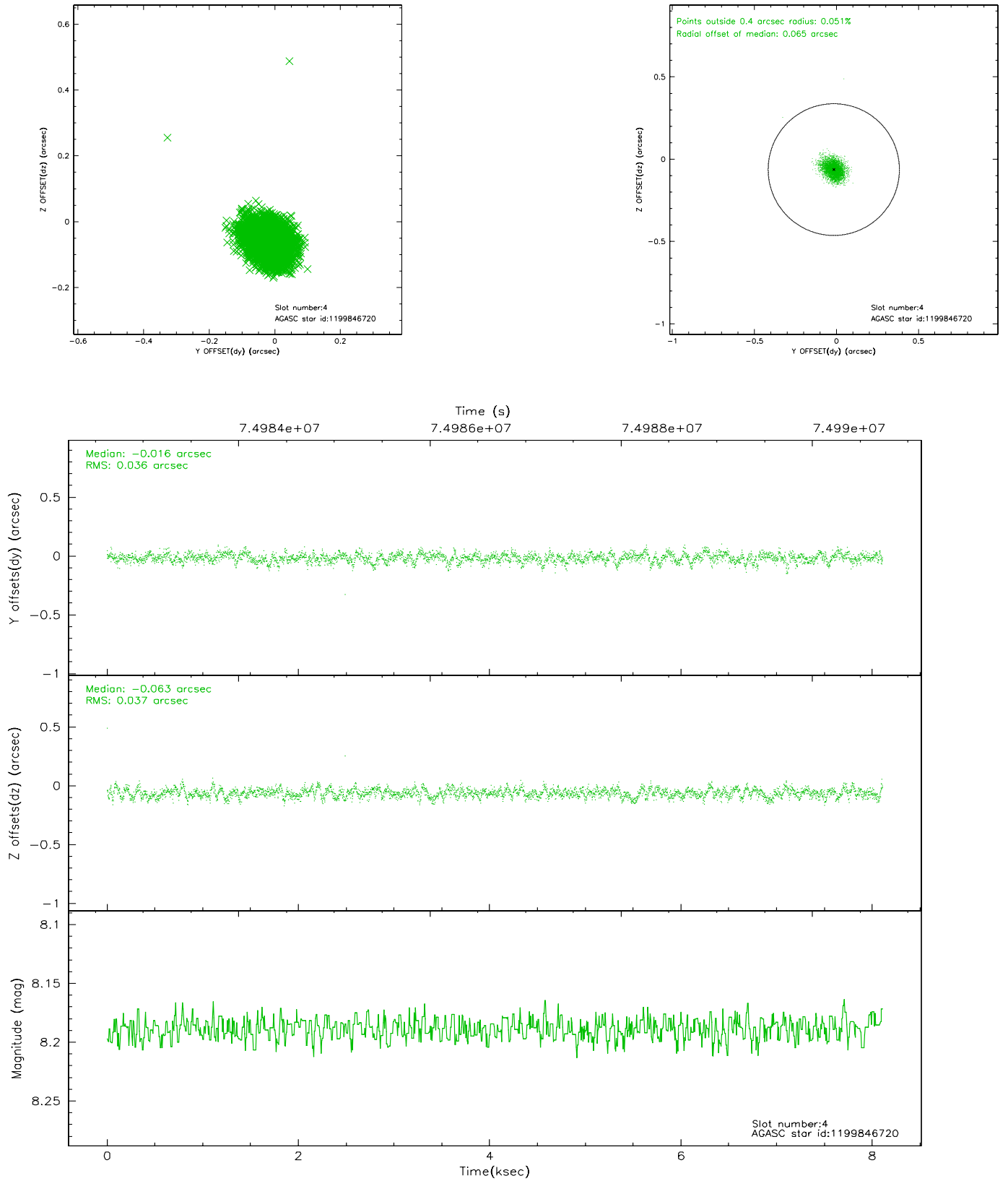
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1979	-0.018	-0.014	0.006	0.010	0.000000	0.000000	-753.13	-1725.69
1	FID	ACIS-S-4	7.21	1979	-0.014	0.010	0.006	0.009	0.000000	0.000000	2159.85	182.08
2	FID	ACIS-S-6	7.35	1979	0.004	0.011	0.007	0.012	0.000000	0.000000	409.78	820.27
3	GUIDE	1199845216	7.36	3956	-0.012	-0.044	0.069	0.105	71.656273	-68.546034	-1763.47	2014.56
4	GUIDE	1199846720	8.19	3956	-0.016	-0.063	0.054	0.089	71.282393	-68.021166	-1790.78	61.11
5	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
6	GUIDE	1199836424	10.10	3948	0.093	-0.006	0.115	0.191	71.350380	-67.589287	-2292.94	-1413.70
7	GUIDE	1164974200	9.34	3955	-0.071	0.118	0.096	0.152	70.698989	-67.406913	-1598.36	-2282.07

2.4 Star Slots

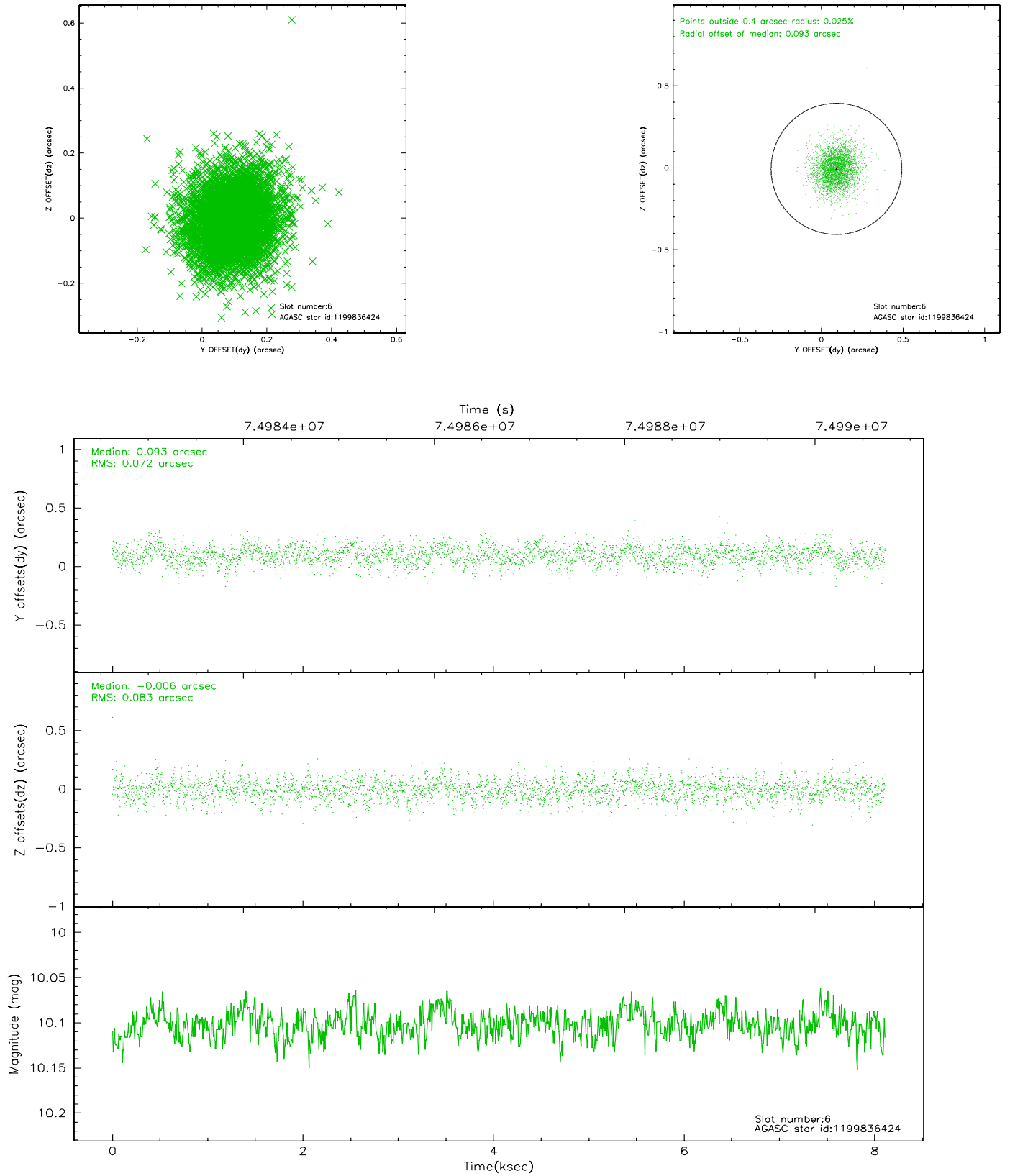
2.4.1 Slot 3



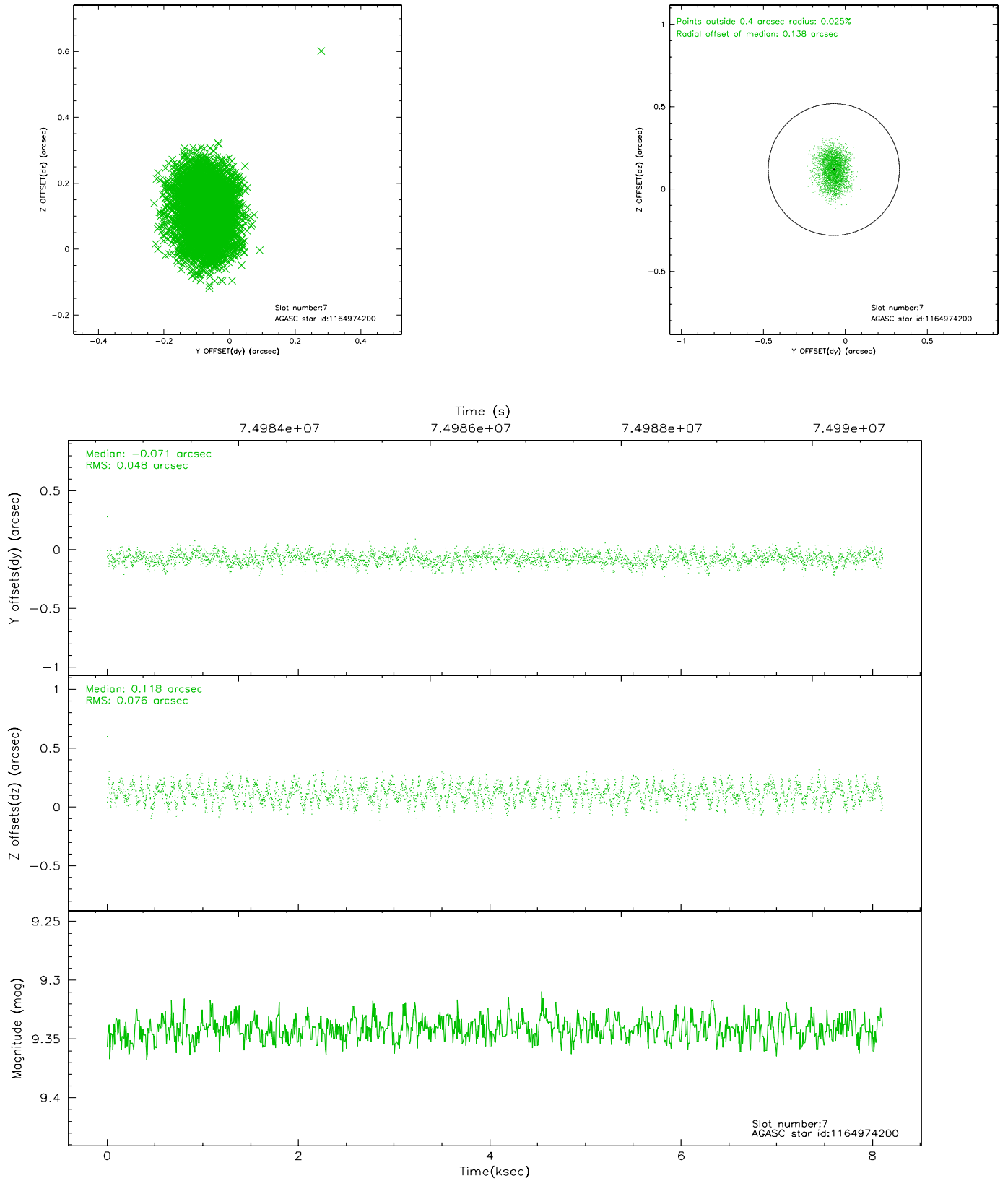
2.4.2 Slot 4



2.4.3 Slot 6

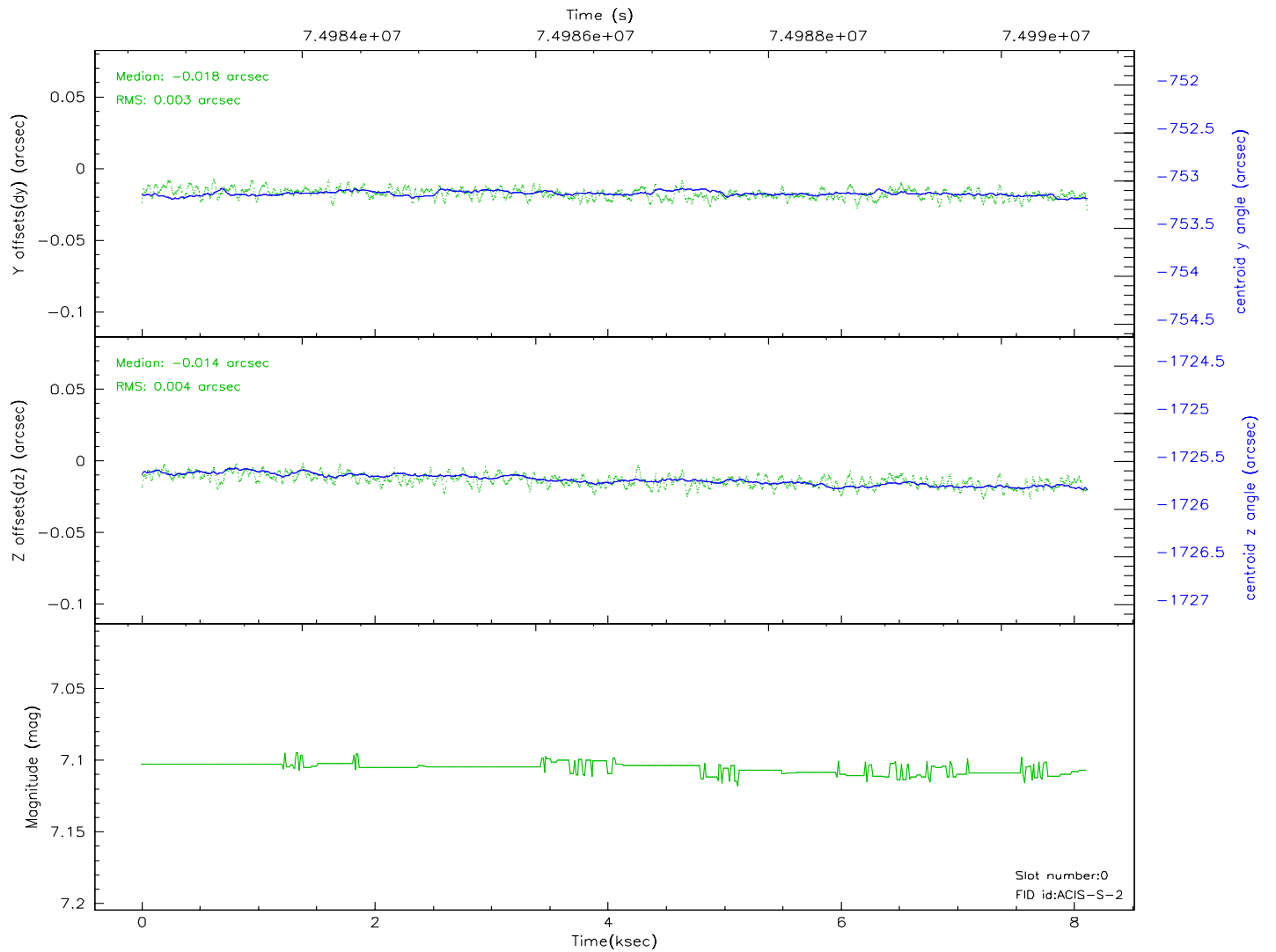
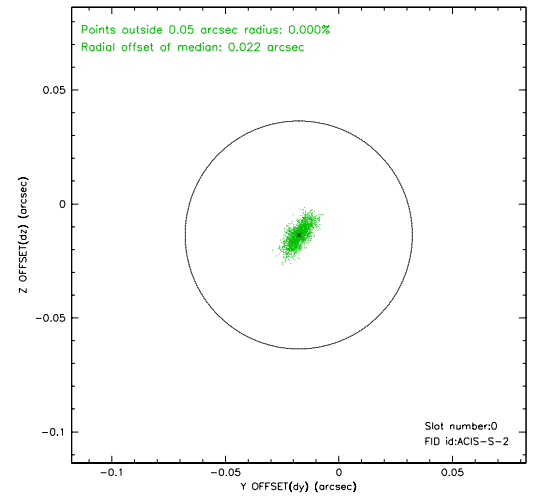
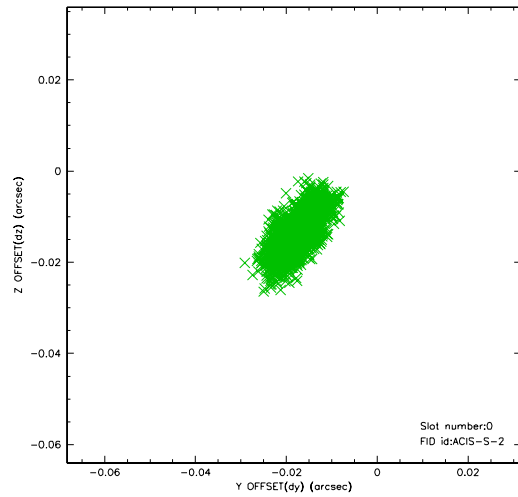


2.4.4 Slot 7

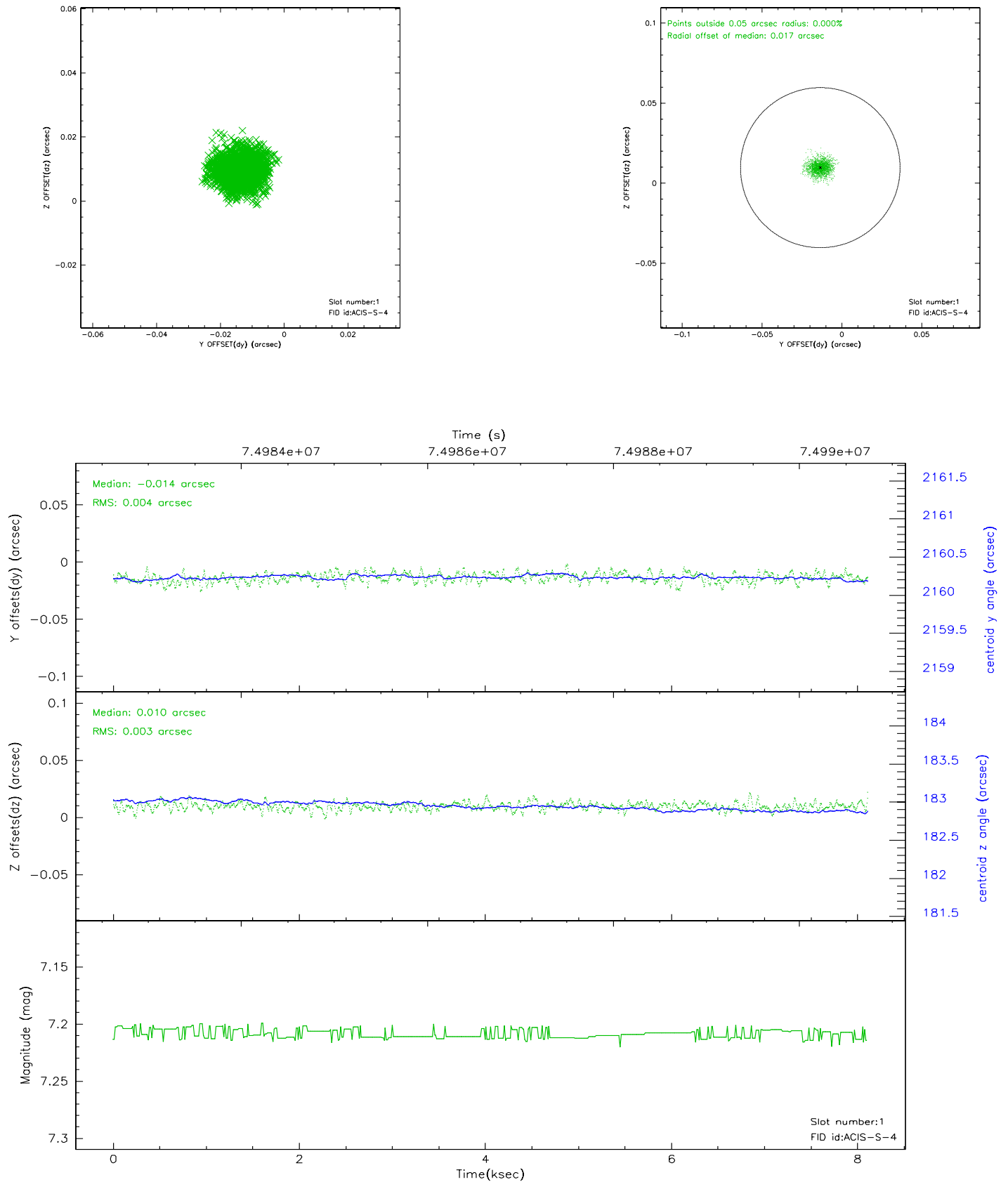


2.5 FID Slots

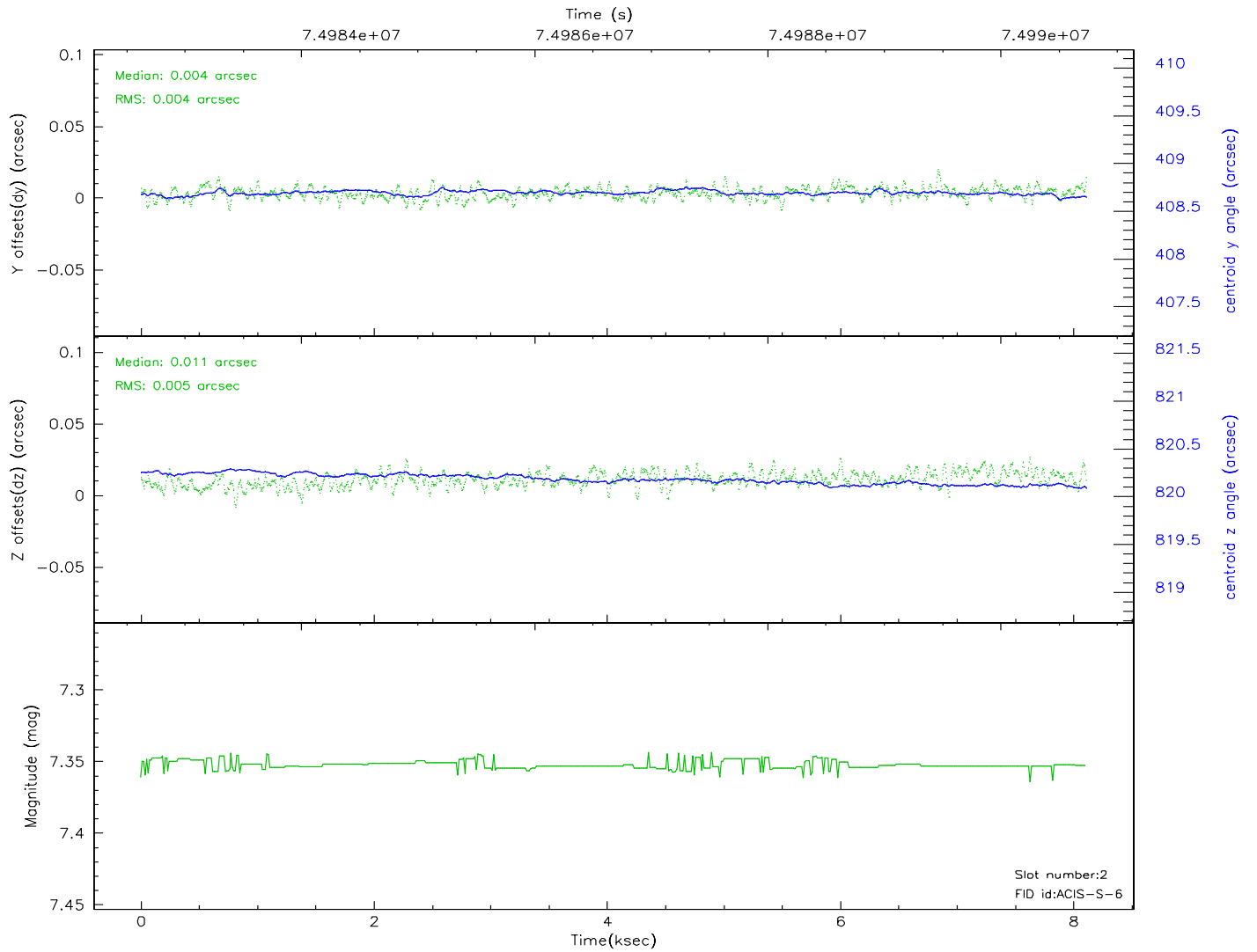
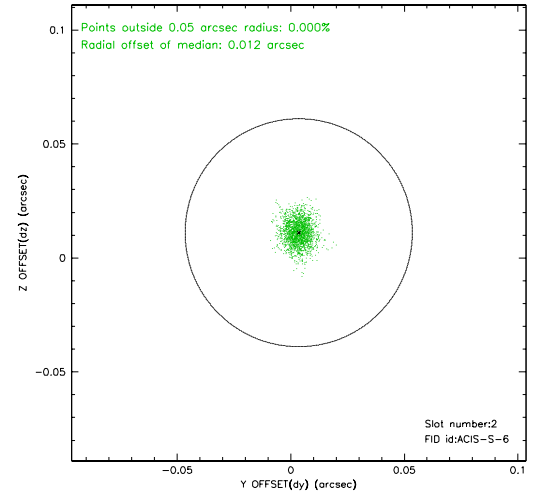
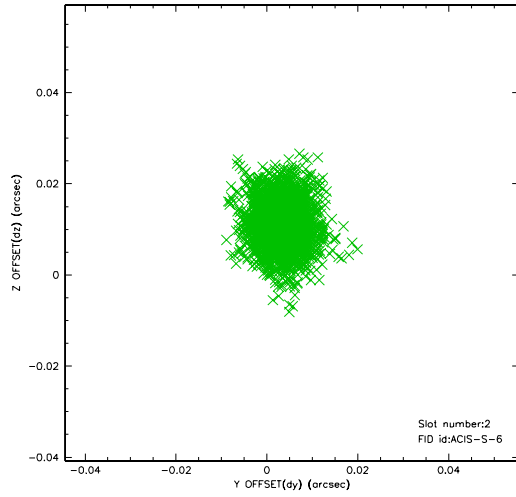
2.5.1 Slot 0



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)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	8.108

A.2 Comments

The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one star from the solution.

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The guide star in slot 5 was manually excluded from the processing due to poor data quality.