

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5415 - L2 Version 002
Chandra X-Ray Center

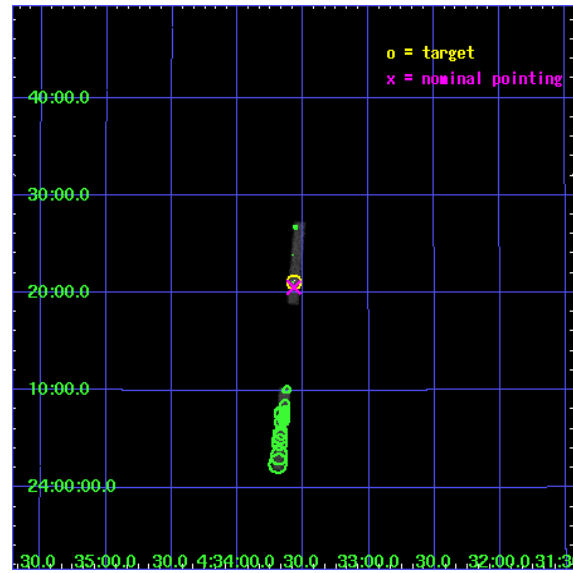
L2 Processing Date : Mar 16 2006

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1 Front

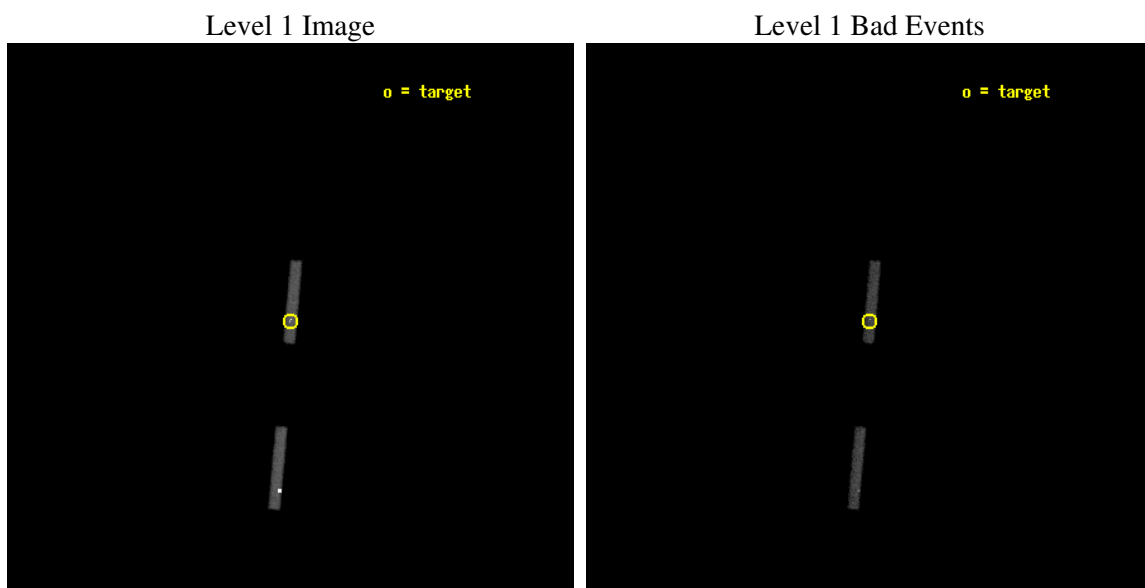
seq_num	200348
obs_id	5415
title	Untangling the Accretion Spots on Classical T Tauri Stars
observer	Dr. Andisheh Mahdavi
object	GK Tau
dtcycle	0
cycle	P
ra_targ	68.39375
dec_targ	24.3525
ra_nom	68.392842766297
dec_nom	24.342887664754
roll_nom	275.15594459446
revision	2
ontime	15030.0
livetime	13889.915717877
ontime5	15030.0
ontime7	15030.0
l2events	20568



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 5

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-16T17:48:34
revision	2

sched_exp_time	15000.000000
ontime	15950.798088908
ontime5	15950.798088908
ontime7	15950.798088908
l1events	72922

2.1.4 Events

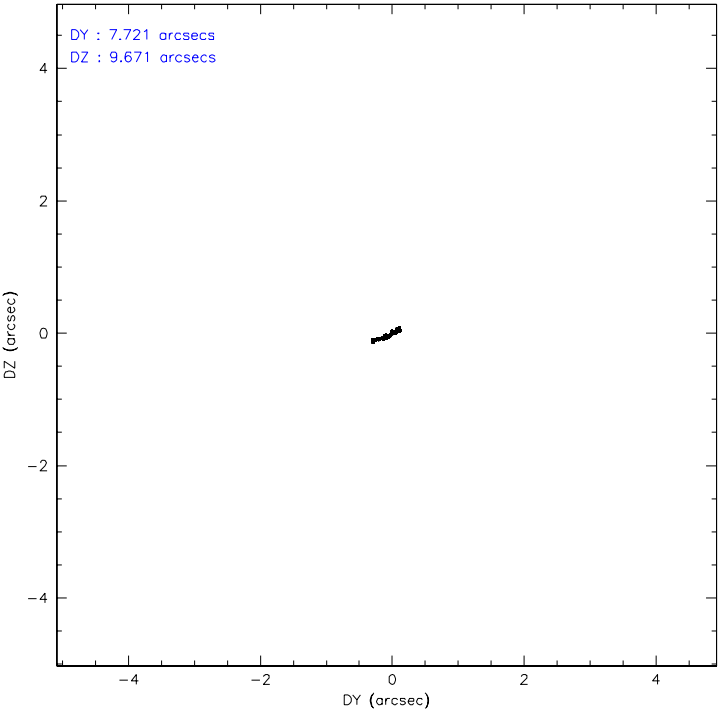
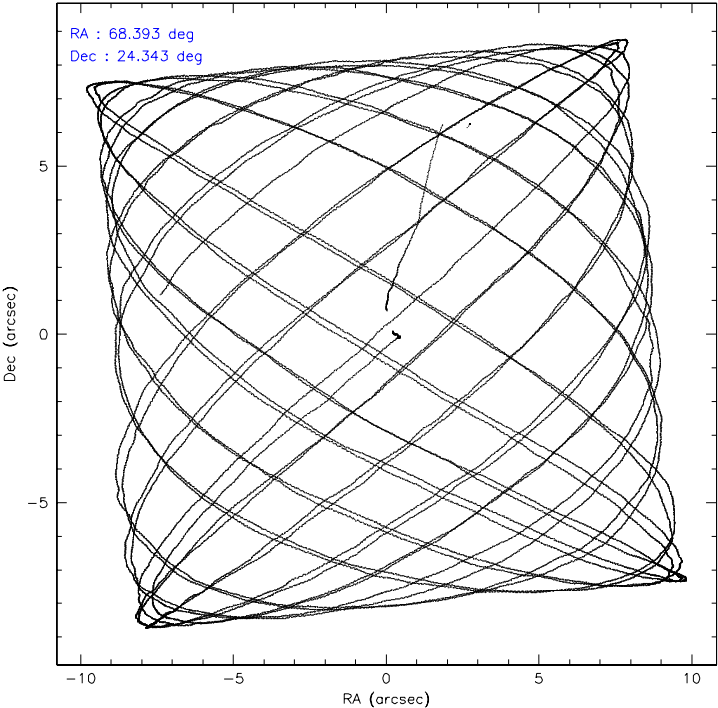
	ccd 5	ccd 7
level 1 events	48677	24245
rejected events	13438	11824
rejected %	27%	48%

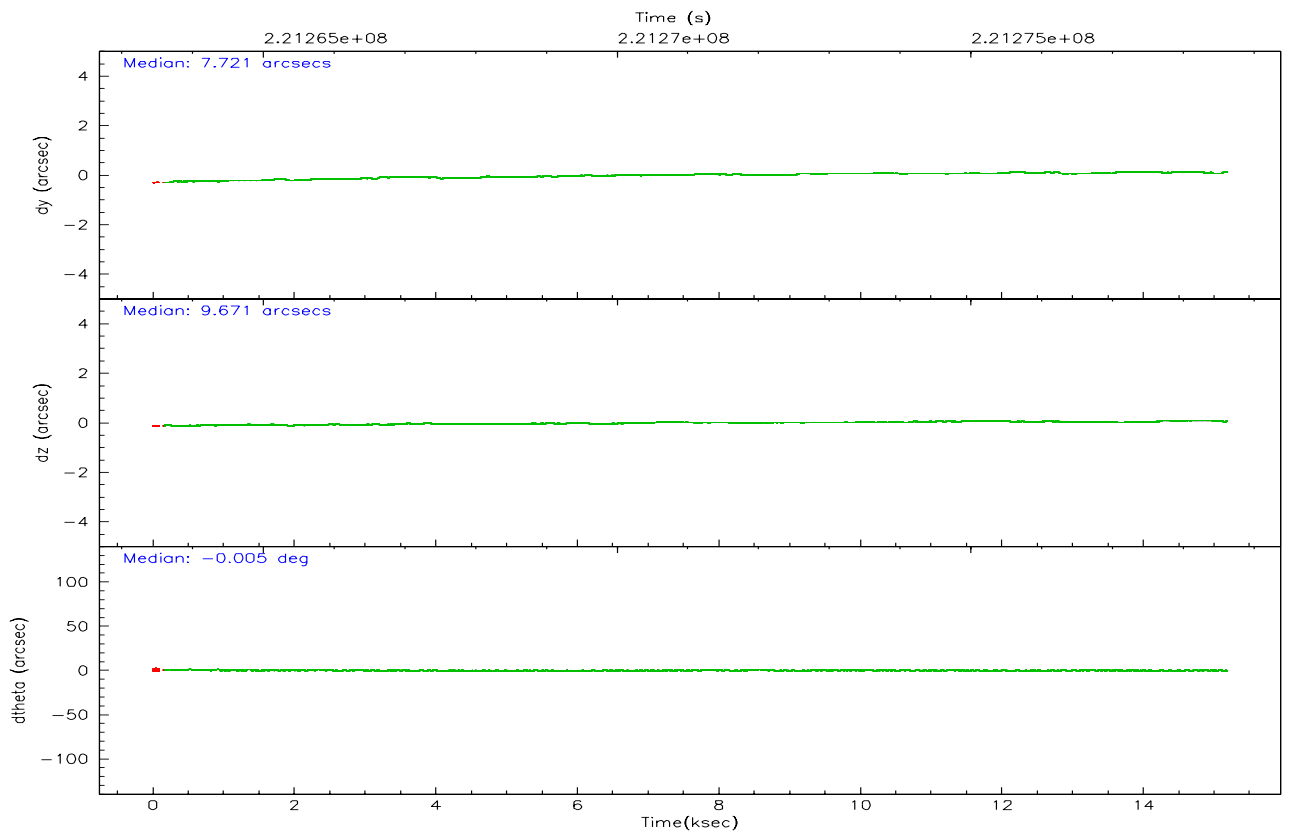
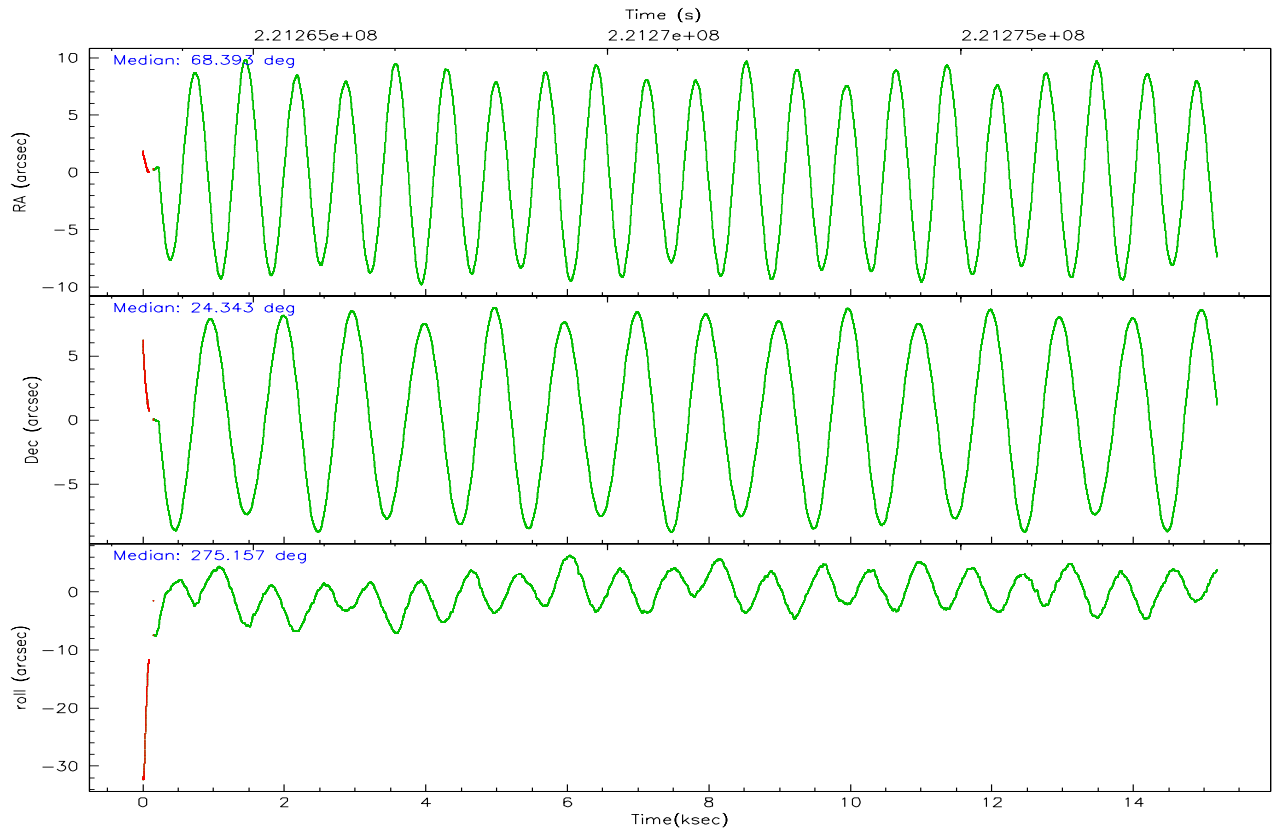
	ccd 5	ccd 7
grade 0 events	26813	1793
	55%	7%
grade 1 events	47	44
	0%	0%
grade 2 events	4517	3193
	9%	13%
grade 3 events	484	1248
	0%	5%
grade 4 events	561	1279
	1%	5%
grade 5 events	1092	1461
	2%	6%
grade 6 events	5018	5407
	10%	22%
grade 7 events	10145	9820
	20%	40%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-57	ACIS-57	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	1/8	1/8
Pointing RA	68.375293	68.39284276629681	Subarray start row	0	449
Pointing Dec	24.364910	24.34288766475382	Subarray row count	1024	128
Pointing Roll	275.006575	275.1559445944575	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.5
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	221263626.184000	221262582.71473			
Observation start date	2005-01-04T22:06:02	2005-01-04T21:49:42			
Observation end time	221278626.184000	221279076.50297			
Observation end date	2005-01-05T02:16:02	2005-01-05T02:24:36			
Read mode	TIMED	TIMED			

2.3 Aspect



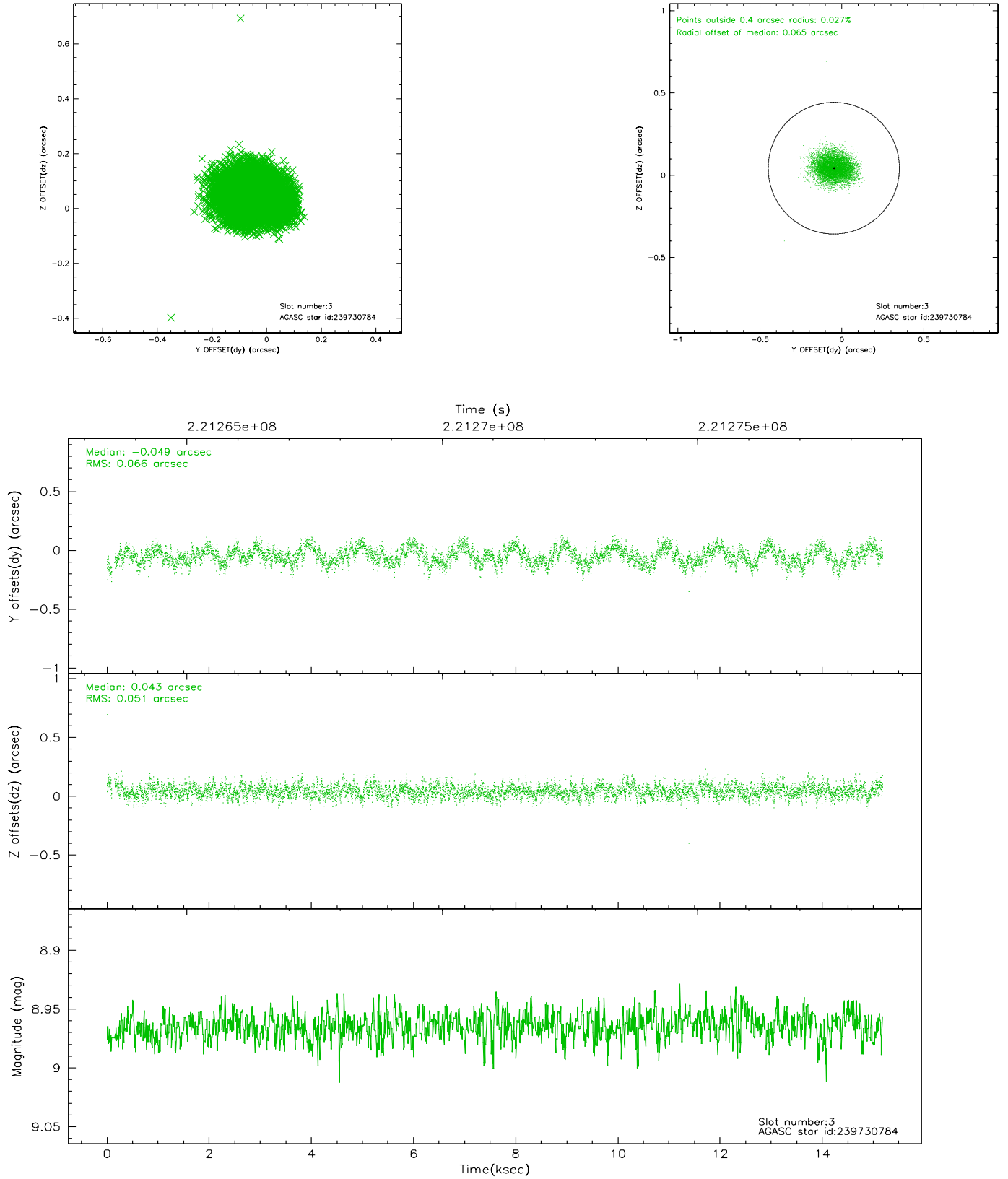


Slot Statistics

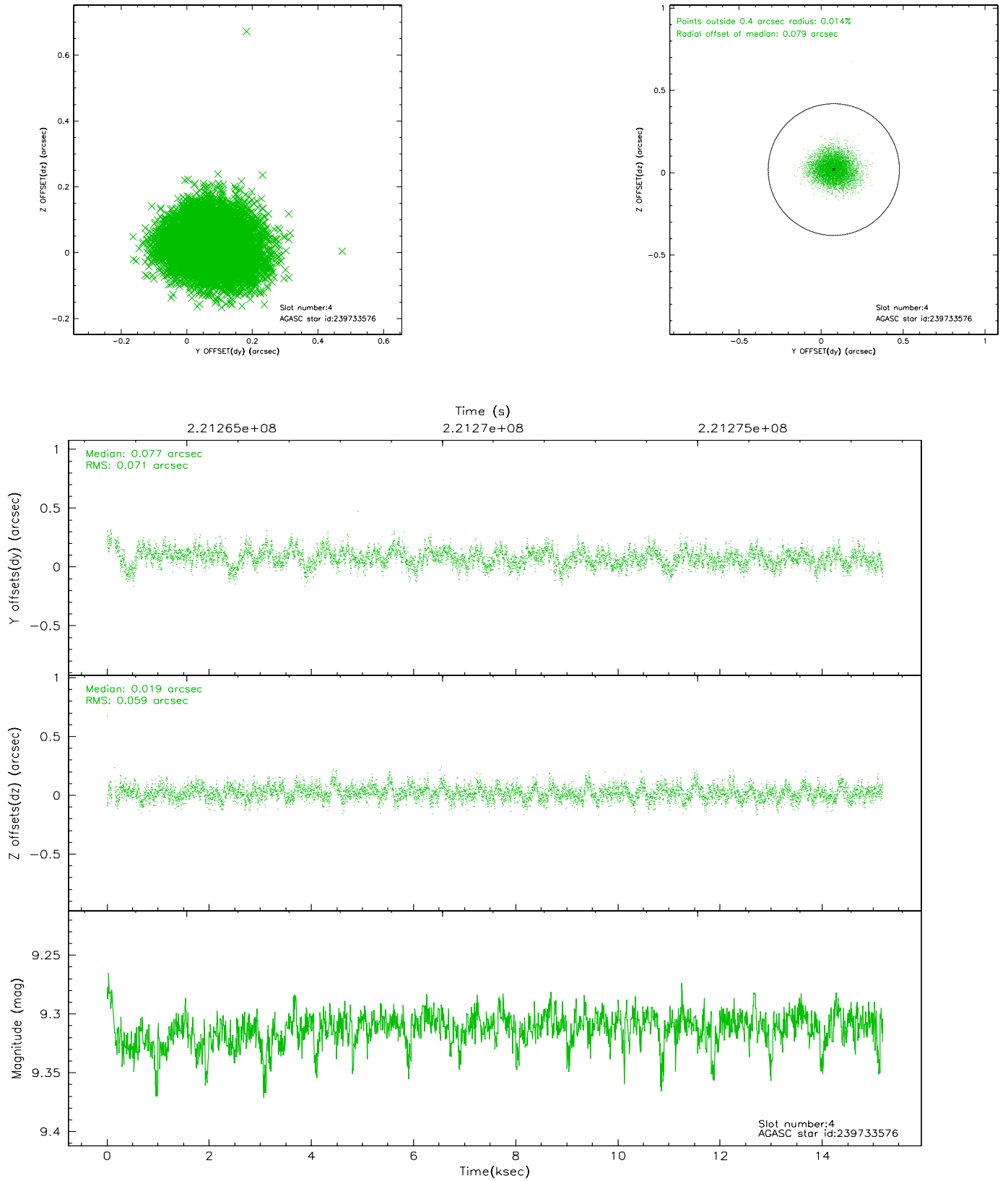
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3690	-0.026	-0.008	0.011	0.019	0.000000	0.000000	-760.46	-1730.87
1	FID	ACIS-S-4	7.21	3690	0.055	0.015	0.011	0.018	0.000000	0.000000	2152.73	177.39
2	FID	ACIS-S-5	7.24	3690	-0.061	0.002	0.010	0.017	0.000000	0.000000	-1812.99	171.30
3	GUIDE	239730784	8.96	7376	-0.049	0.043	0.090	0.141	68.709044	24.244524	526.13	1053.98
4	GUIDE	239733576	9.31	7375	0.077	0.019	0.098	0.159	68.994910	23.821766	2121.82	1862.89
5	GUIDE	240255024	9.19	7372	0.032	-0.088	0.099	0.157	68.465897	24.501998	-465.17	339.14
6	GUIDE	240263016	8.65	7375	-0.061	0.026	0.067	0.110	68.575597	24.979042	-2145.97	844.44
7	MONITOR		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

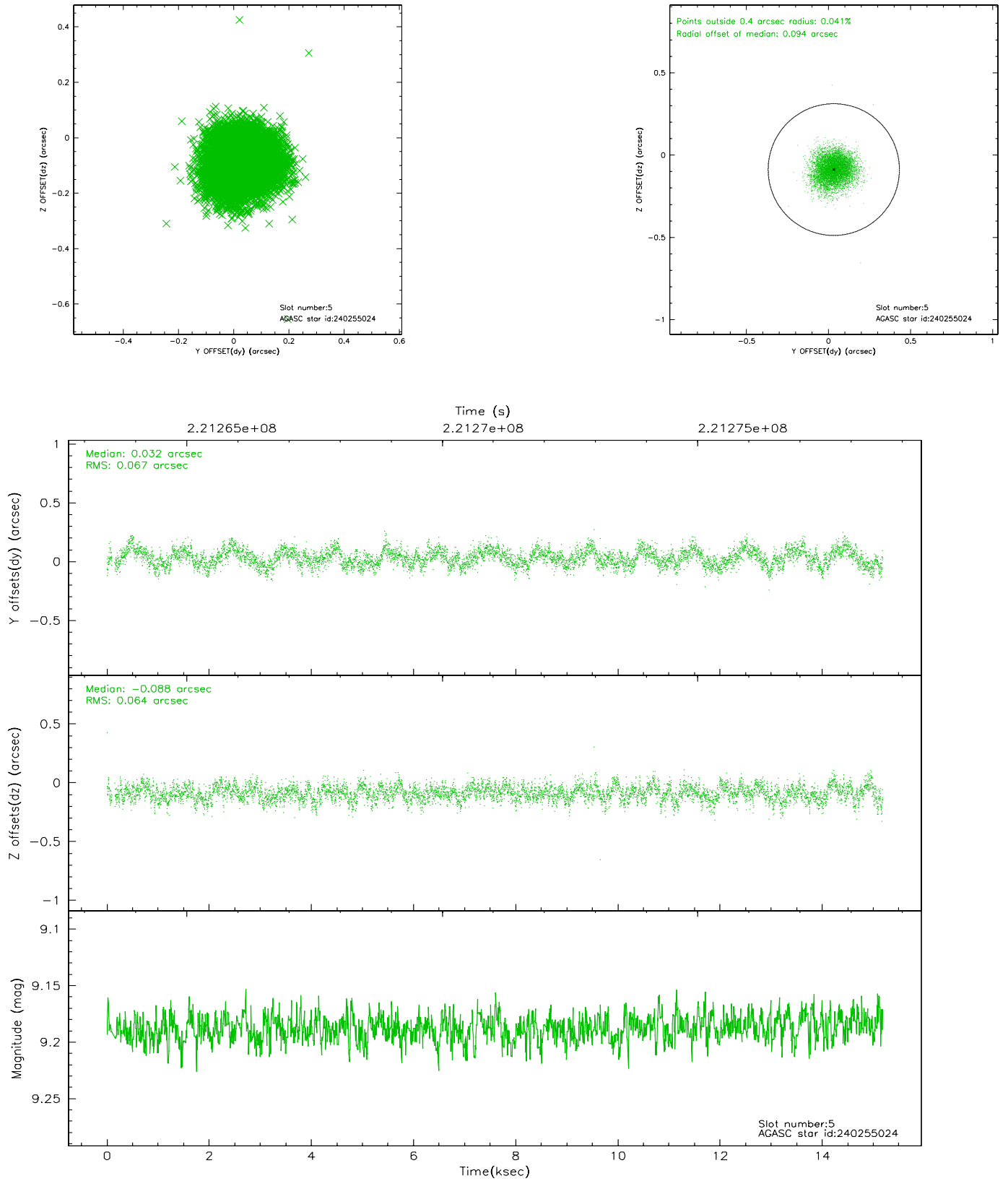
2.4.1 Slot 3



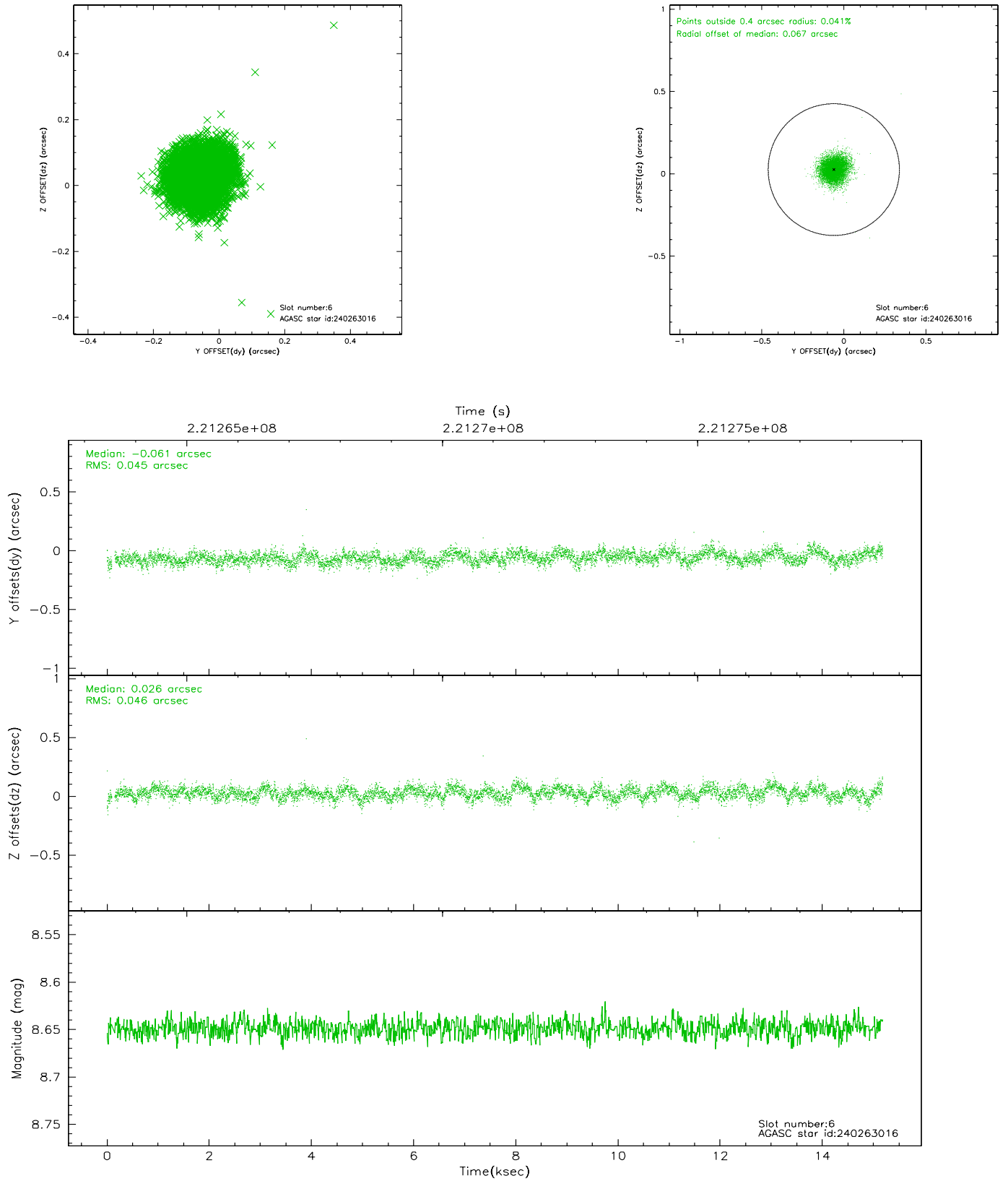
2.4.2 Slot 4



2.4.3 Slot 5

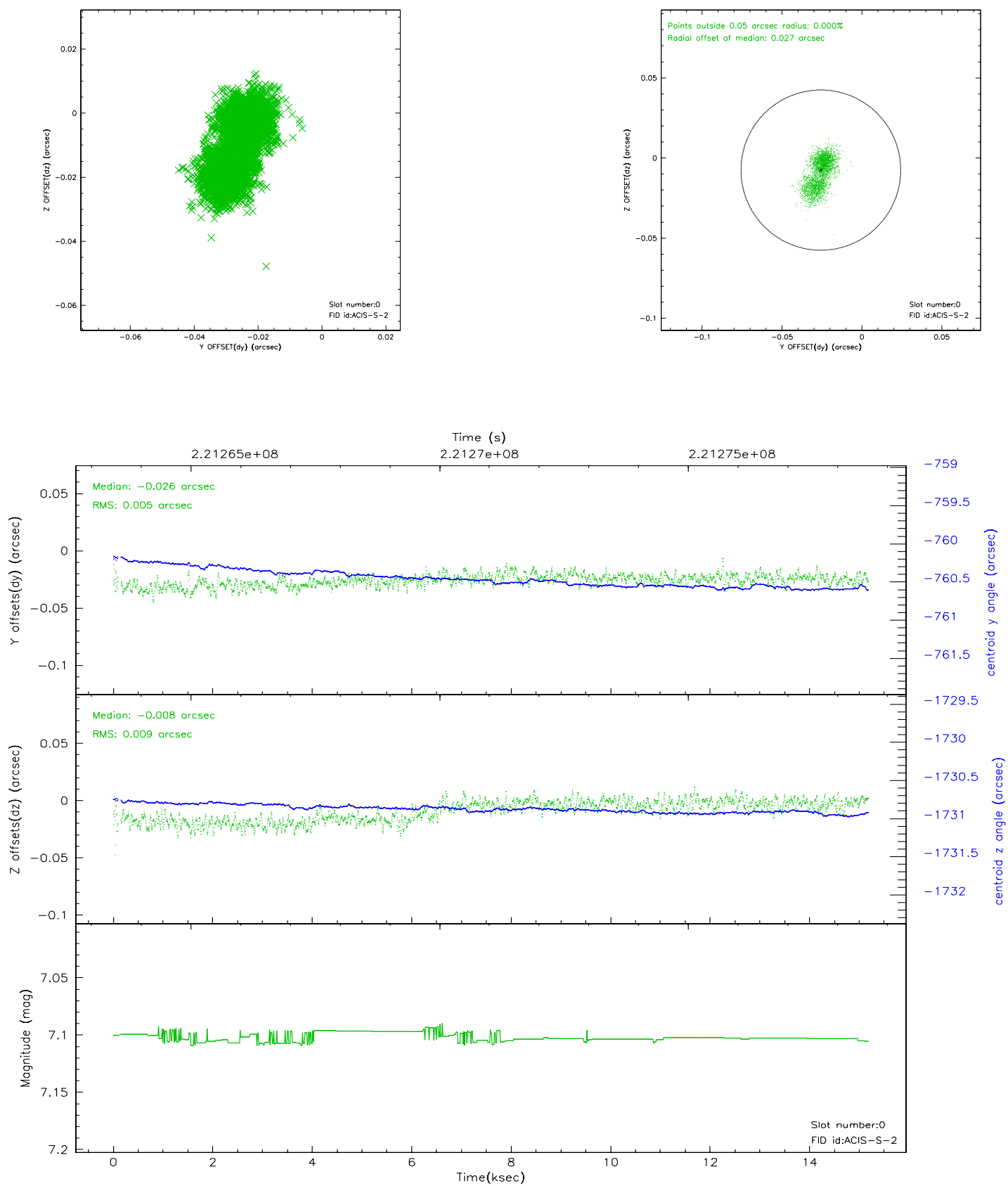


2.4.4 Slot 6

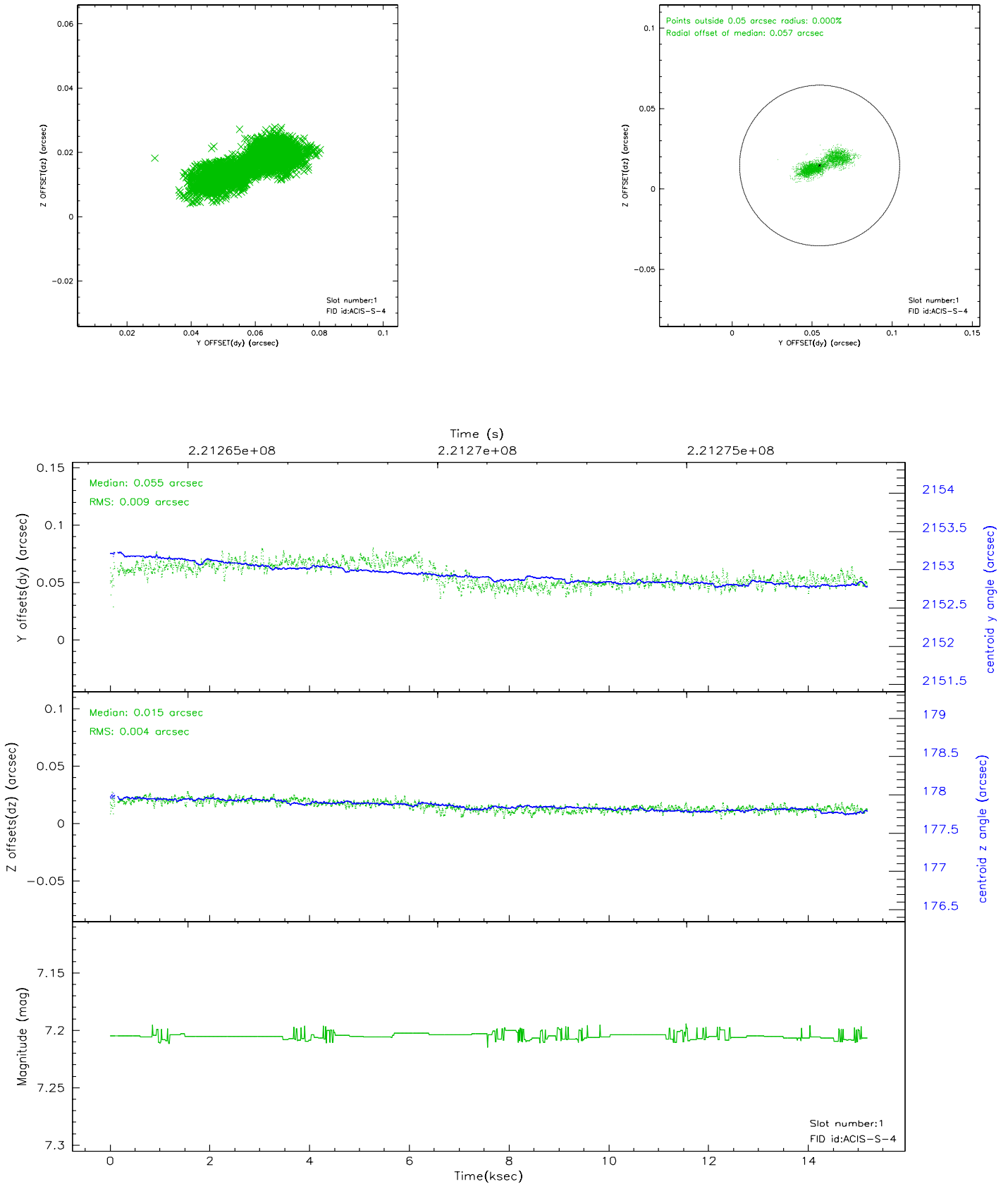


2.5 FID Slots

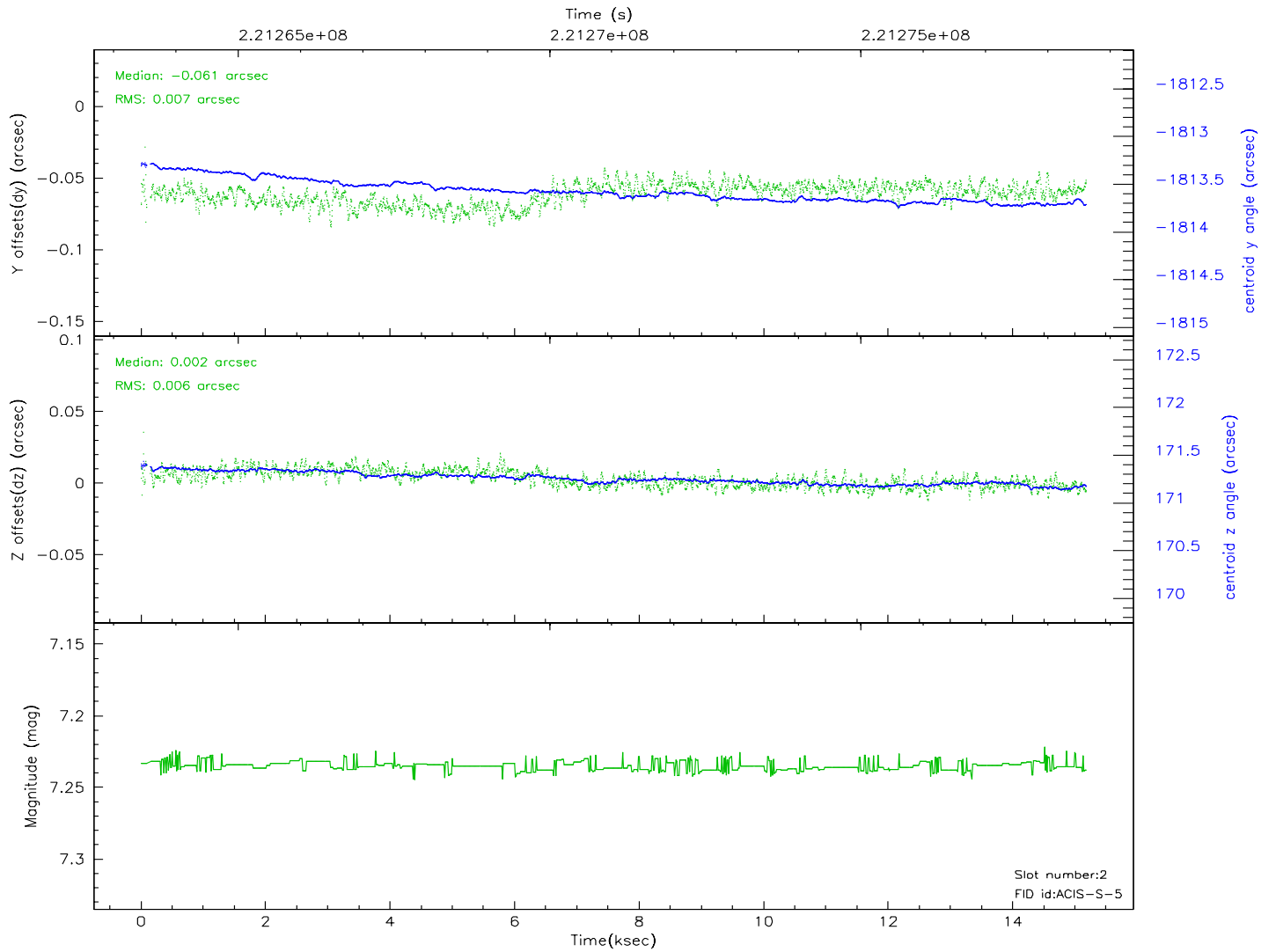
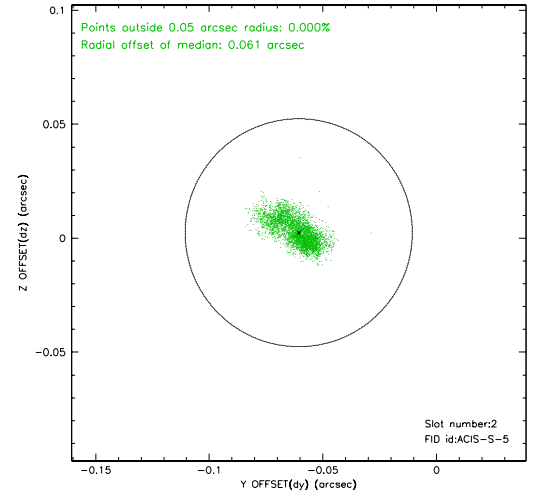
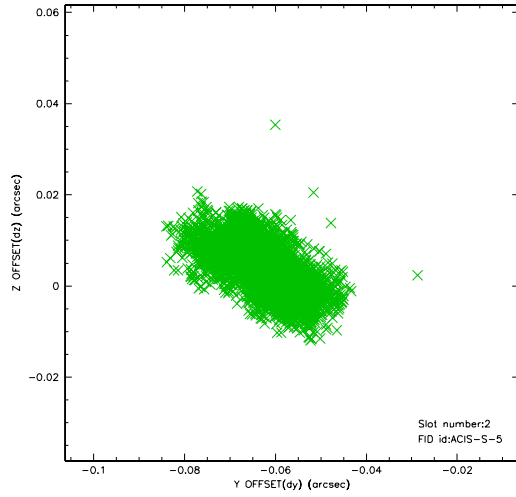
2.5.1 Slot 0



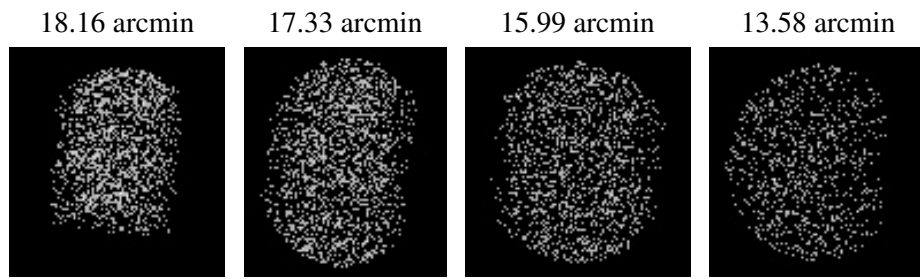
2.5.2 Slot 1



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	15.03

A.2 Comments

Window preference not met.