

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4842 - L2 Version 001
Chandra X-Ray Center

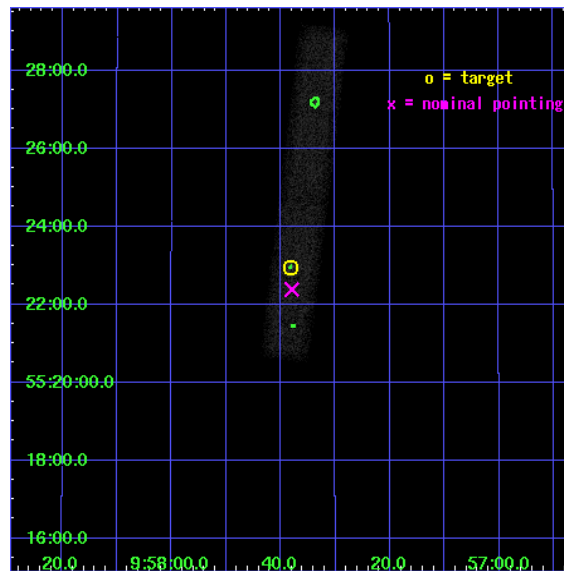
L2 Processing Date : May 1 2006

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1 Front

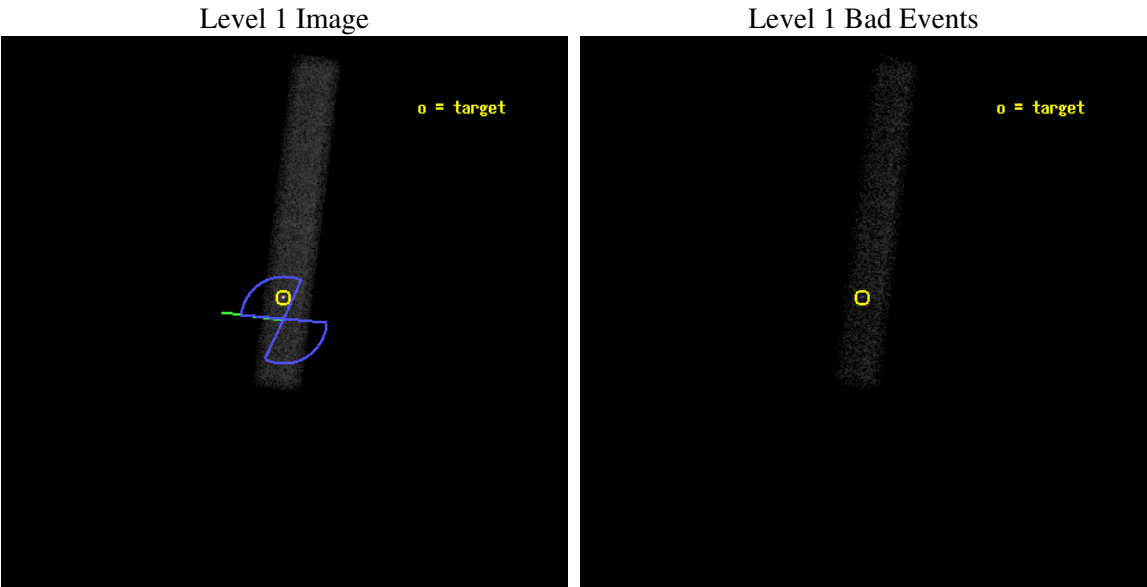
seq_num	700924
obs_id	4842
title	The Physics of Relativistic Jets: Chandra Imaging of Extended Jets in Gamma-loud Blazars
observer	Dr. FABRIZIO TAVECCHIO
object	0954+556
dtcycle	0
cycle	P
ra_targ	149.409167
dec_targ	55.382778
ra_nom	149.40822981074
dec_nom	55.373141567211
roll_nom	277.00647589336
revision	3
ontime	37934.800565273
livetime	34404.861749748
ontime7	37934.800565273
l2events	26206



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-05-01T21:26:54
revision	3

sched_exp_time	37759.797000
ontime	39523.757879496
ontime7	39523.757879496
l1events	57357

2.1.4 Events

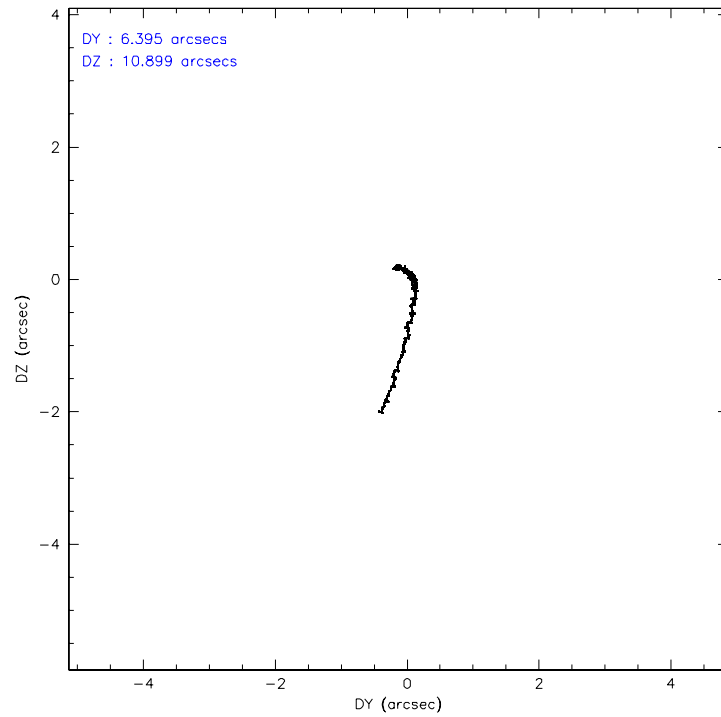
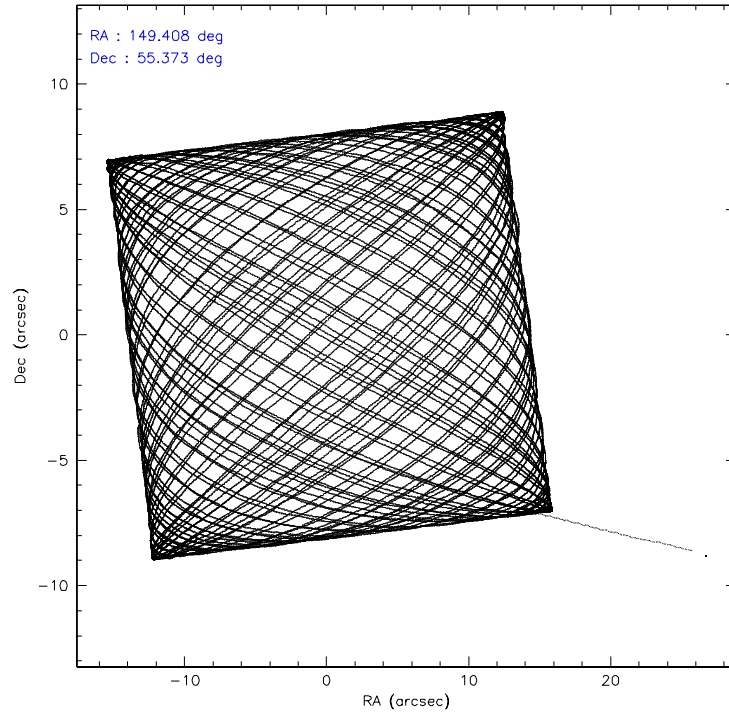
	ccd 7
level 1 events	57357
rejected events	30236
rejected %	52%

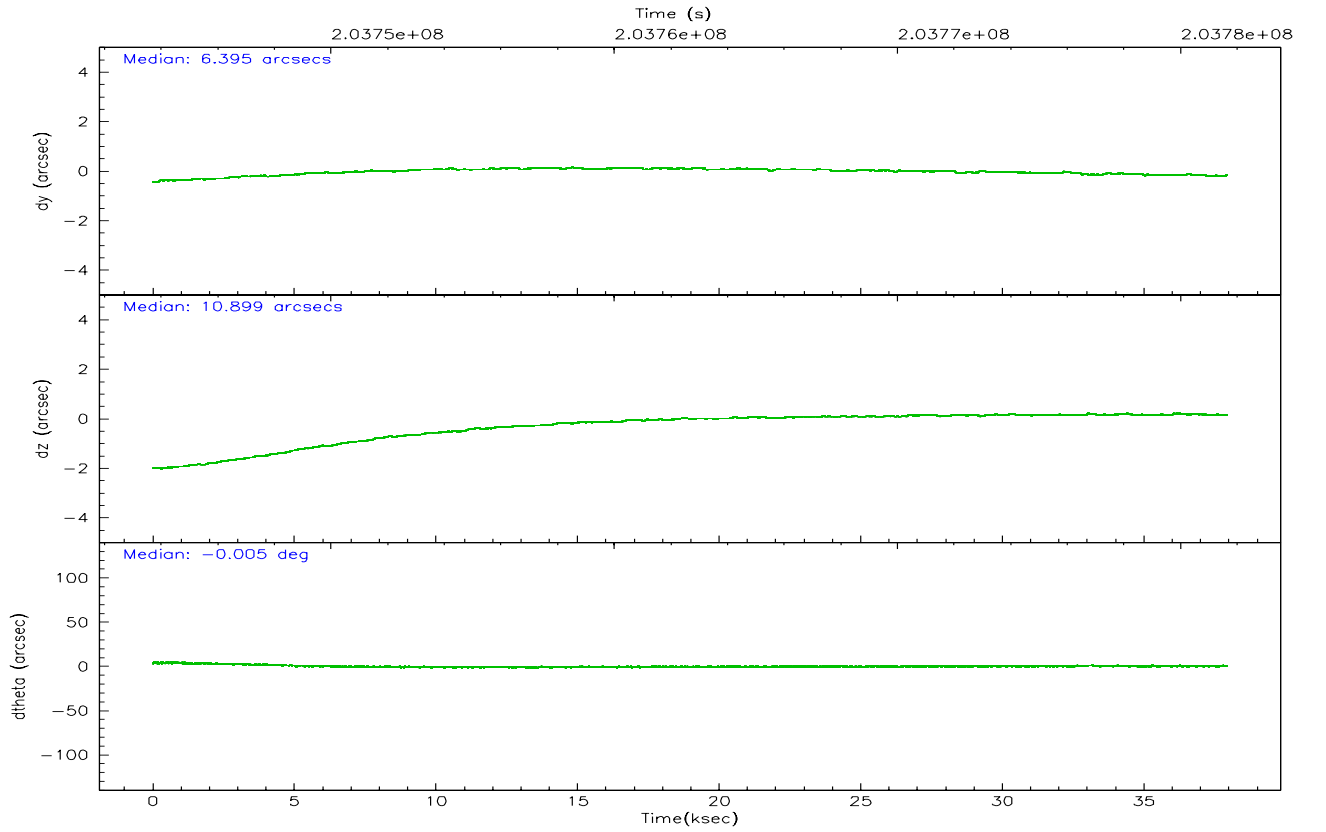
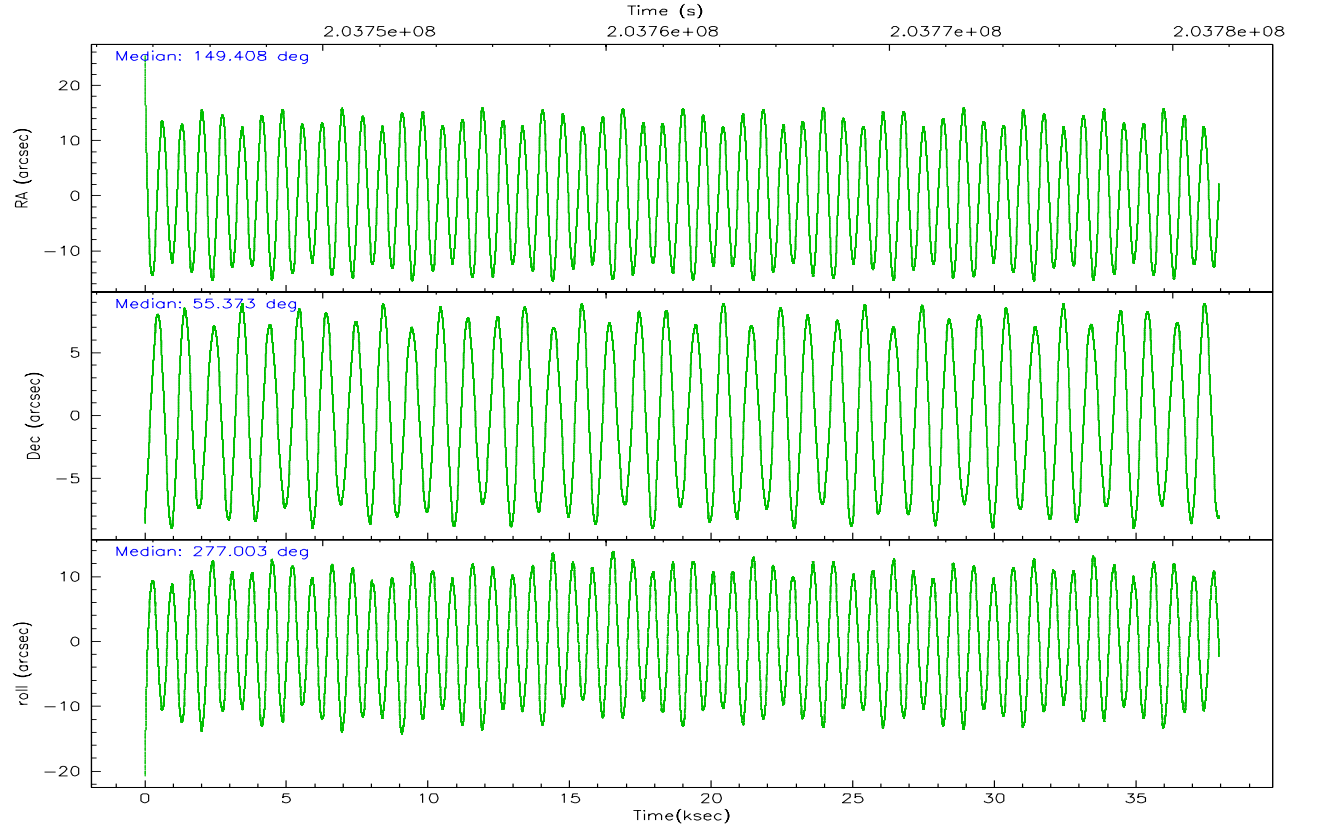
	ccd 7
grade 0 events	3474
	6%
grade 1 events	31
	0%
grade 2 events	6366
	11%
grade 3 events	2964
	5%
grade 4 events	2729
	4%
grade 5 events	3808
	6%
grade 6 events	12474
	21%
grade 7 events	25511
	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	149.378882	149.4082298107392	Subarray start row	0	449
Pointing Dec	55.394644	55.37314156721089	Subarray row count	1024	128
Pointing Roll	276.874007	277.0064758933572	Alternating exposures requested	N	N
Roll angle	150.000000	150.000000	Primary exposure time	0.000000	0.4
Roll tolerance	55.000000	55.000000			
Roll constraint allows 180D rotation	Y	Y			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
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	203743895.184000	203742131.36953			
Observation start date	2004-06-16T03:30:31	2004-06-16T03:02:11			
Observation end time	203781654.184000	203781876.77129			
Observation end date	2004-06-16T13:59:50	2004-06-16T14:04:36			
Read mode	TIMED	TIMED			

2.3 Aspect



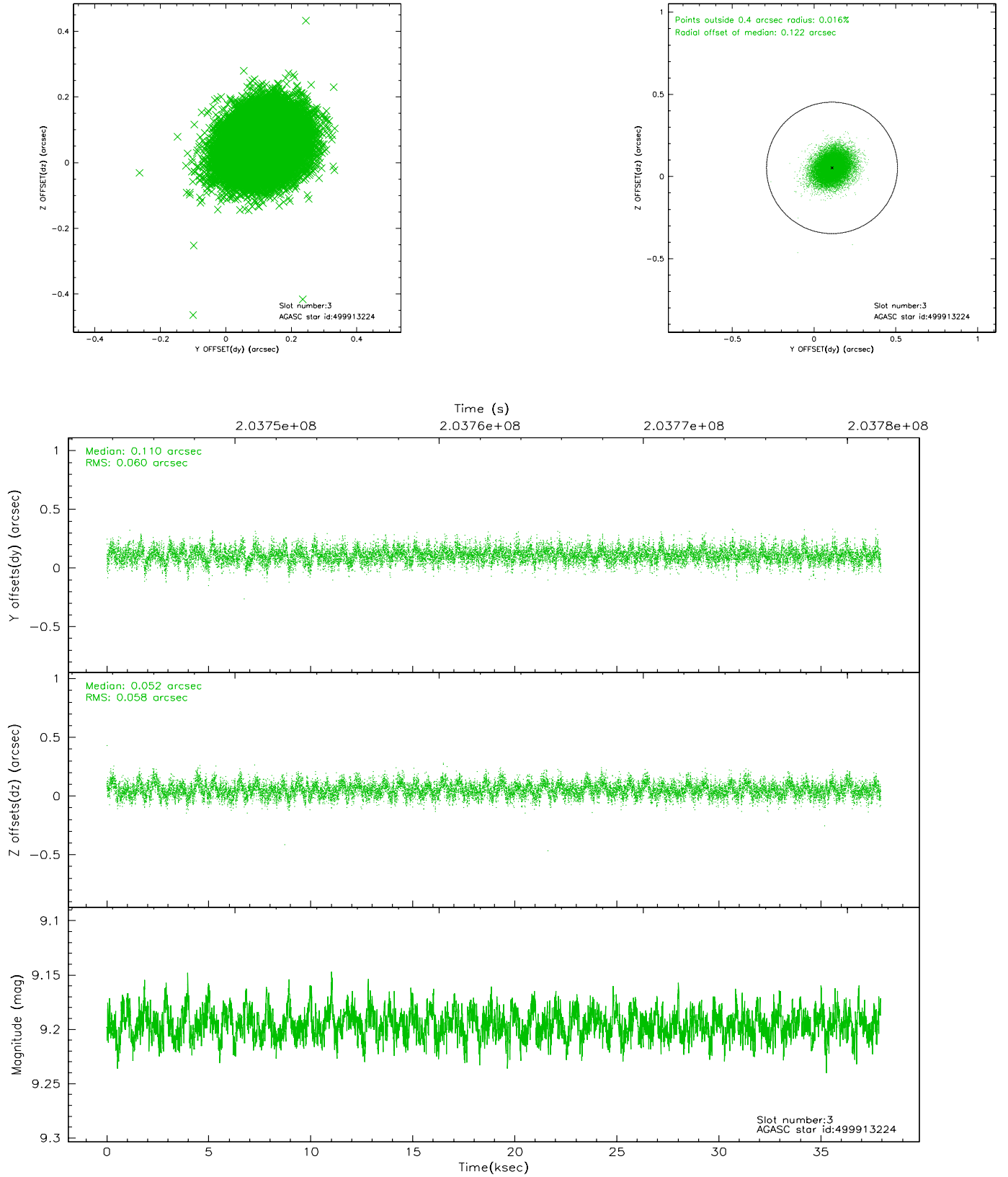


Slot Statistics

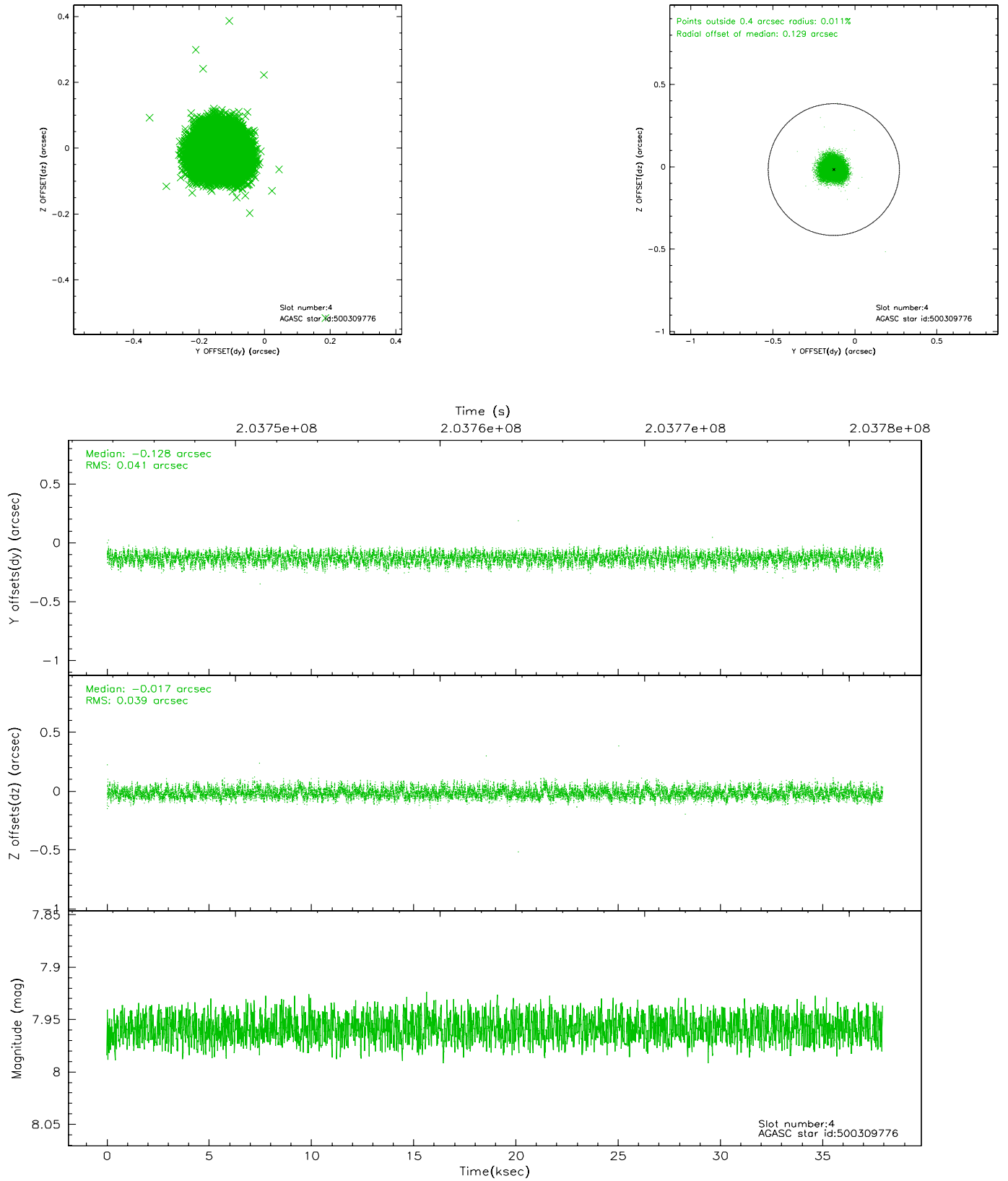
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9251	-0.049	0.003	0.011	0.028	0.000000	0.000000	-759.13	-1731.79
1	FID	ACIS-S-4	7.20	9253	0.045	0.024	0.012	0.019	0.000000	0.000000	2154.21	176.73
2	FID	ACIS-S-5	7.23	9253	-0.026	-0.017	0.010	0.031	0.000000	0.000000	-1811.94	170.34
3	GUIDE	499913224	9.20	18496	0.110	0.052	0.088	0.144	149.857129	54.798072	2247.96	729.05
4	GUIDE	500309776	7.96	18503	-0.128	-0.017	0.061	0.094	150.409238	55.585087	-443.22	2164.47
5	GUIDE	500310128	9.21	18494	0.068	0.181	0.087	0.140	150.281852	55.096051	1278.05	1720.09
6	GUIDE	500310136	8.66	18499	0.136	-0.136	0.063	0.103	149.694298	55.069248	1239.76	505.77
7	GUIDE	500314248	7.89	18503	-0.181	-0.081	0.063	0.098	148.413100	55.769248	-1586.14	-1778.71

2.4 Star Slots

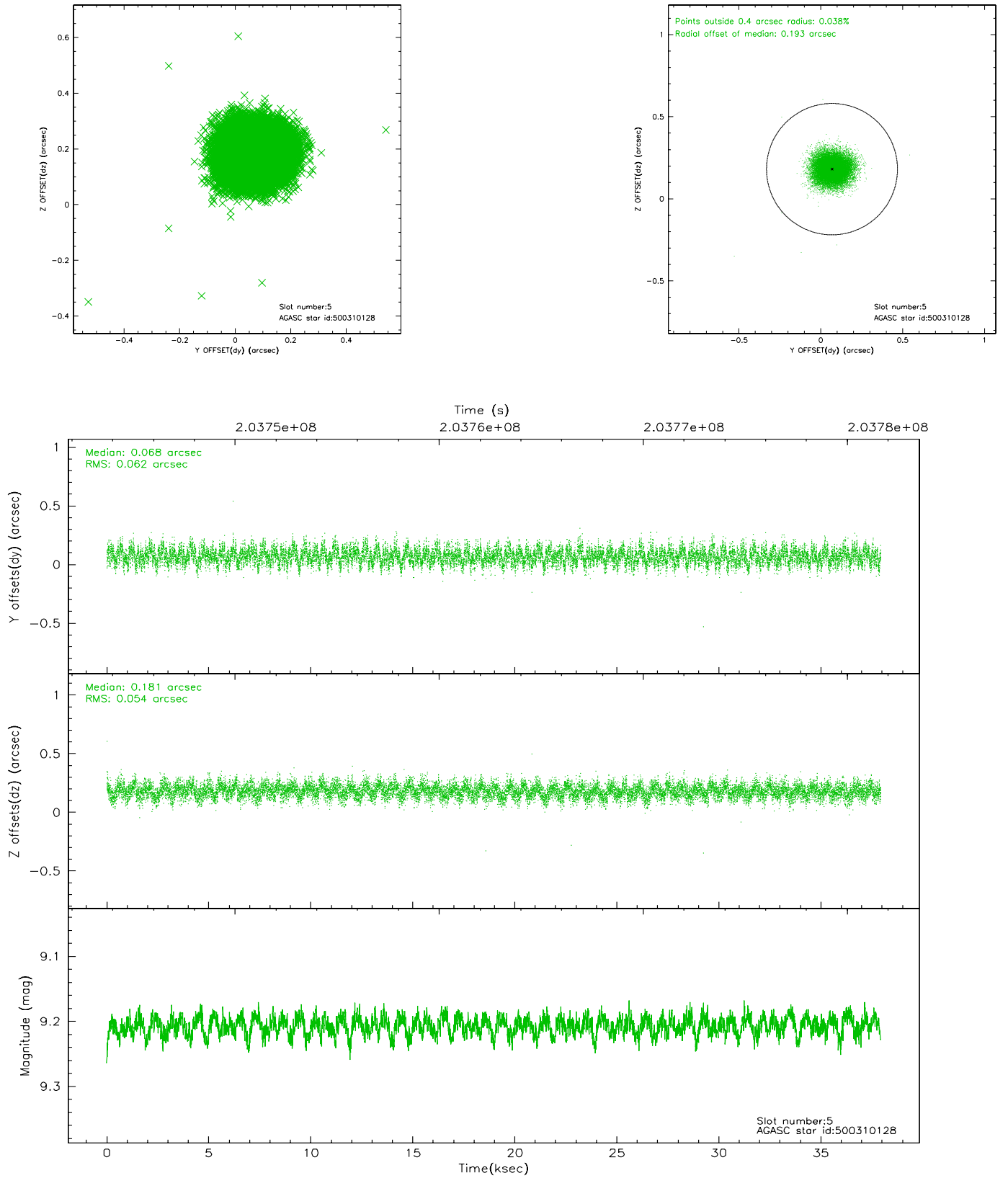
2.4.1 Slot 3



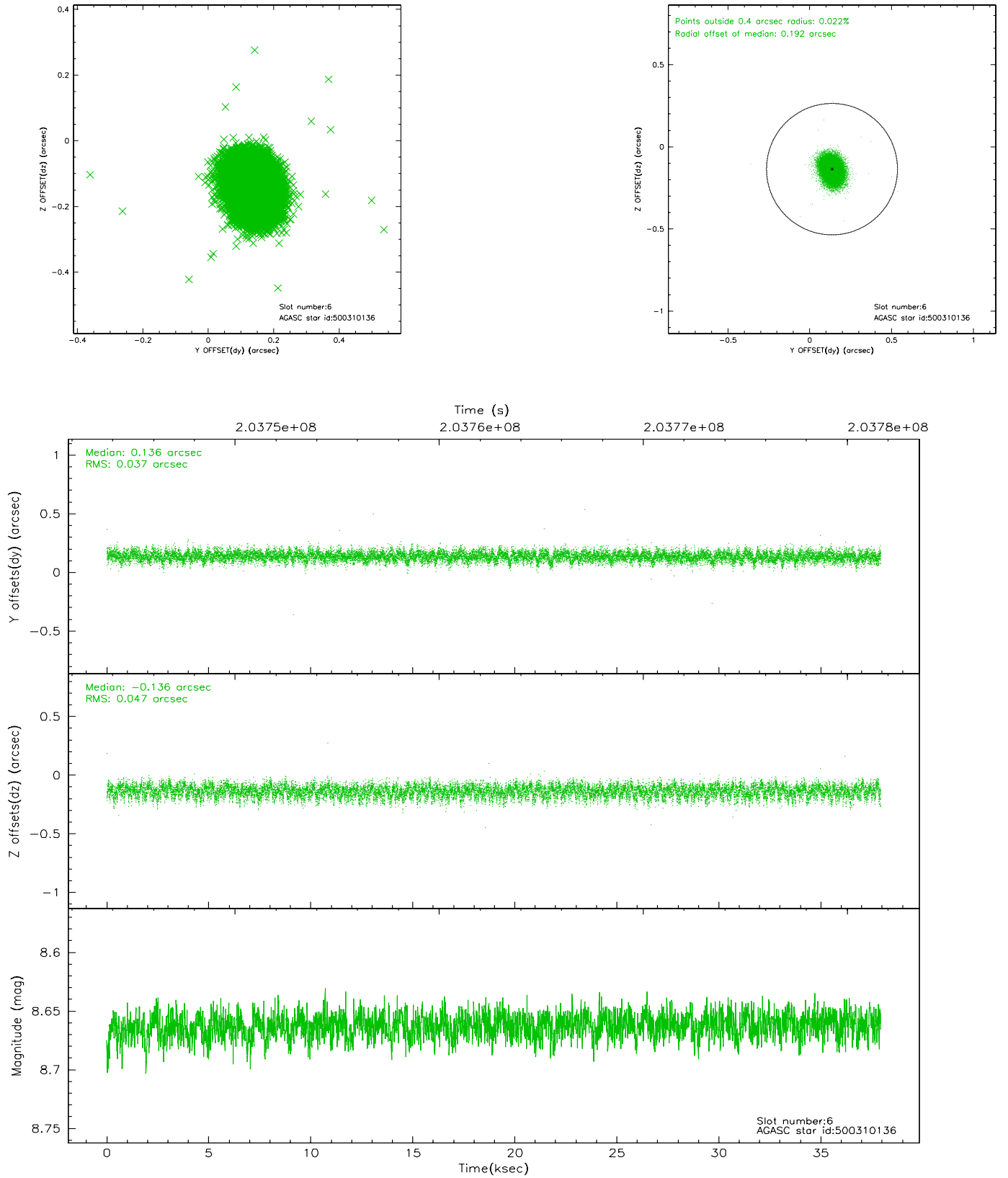
2.4.2 Slot 4



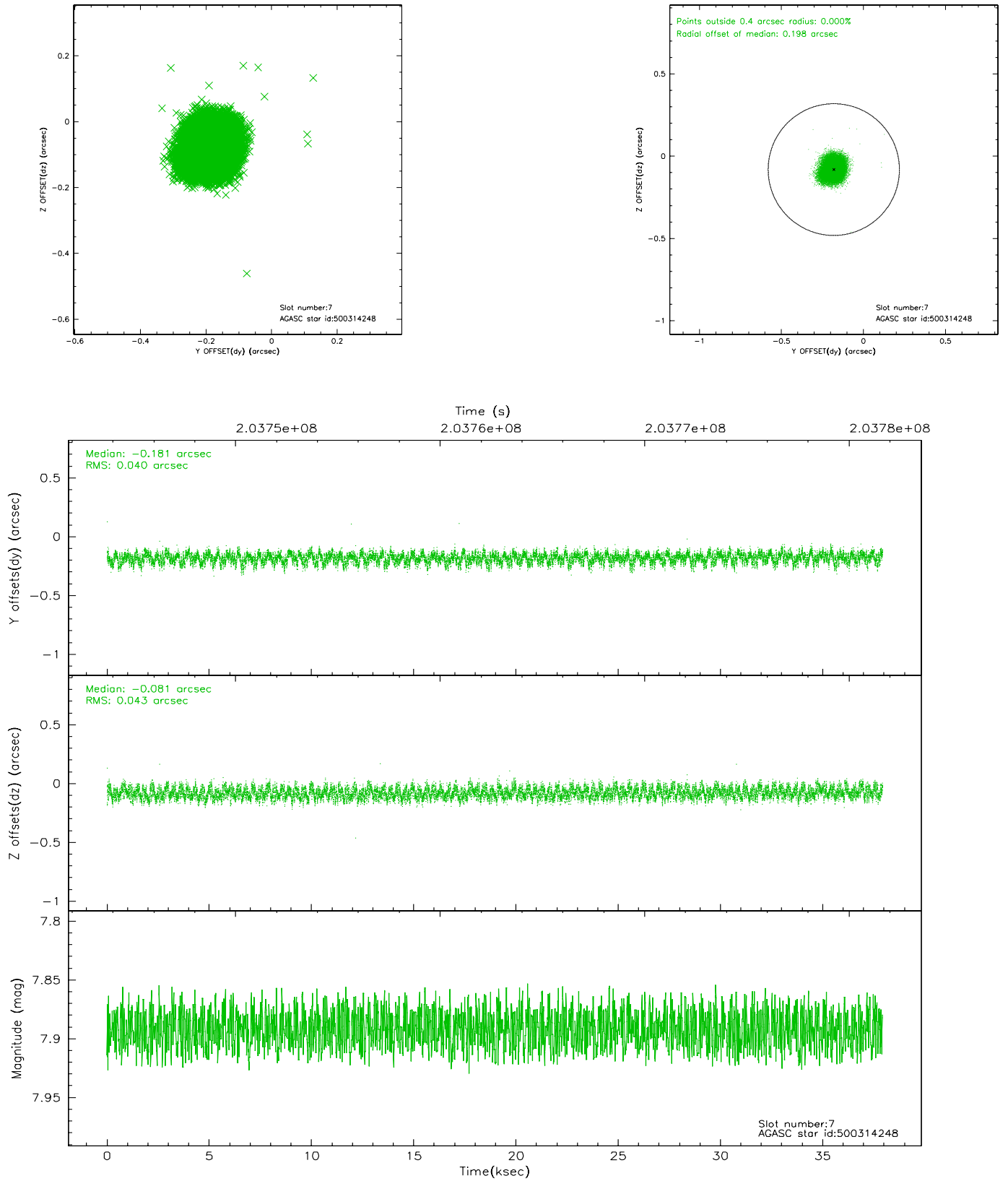
2.4.3 Slot 5



2.4.4 Slot 6

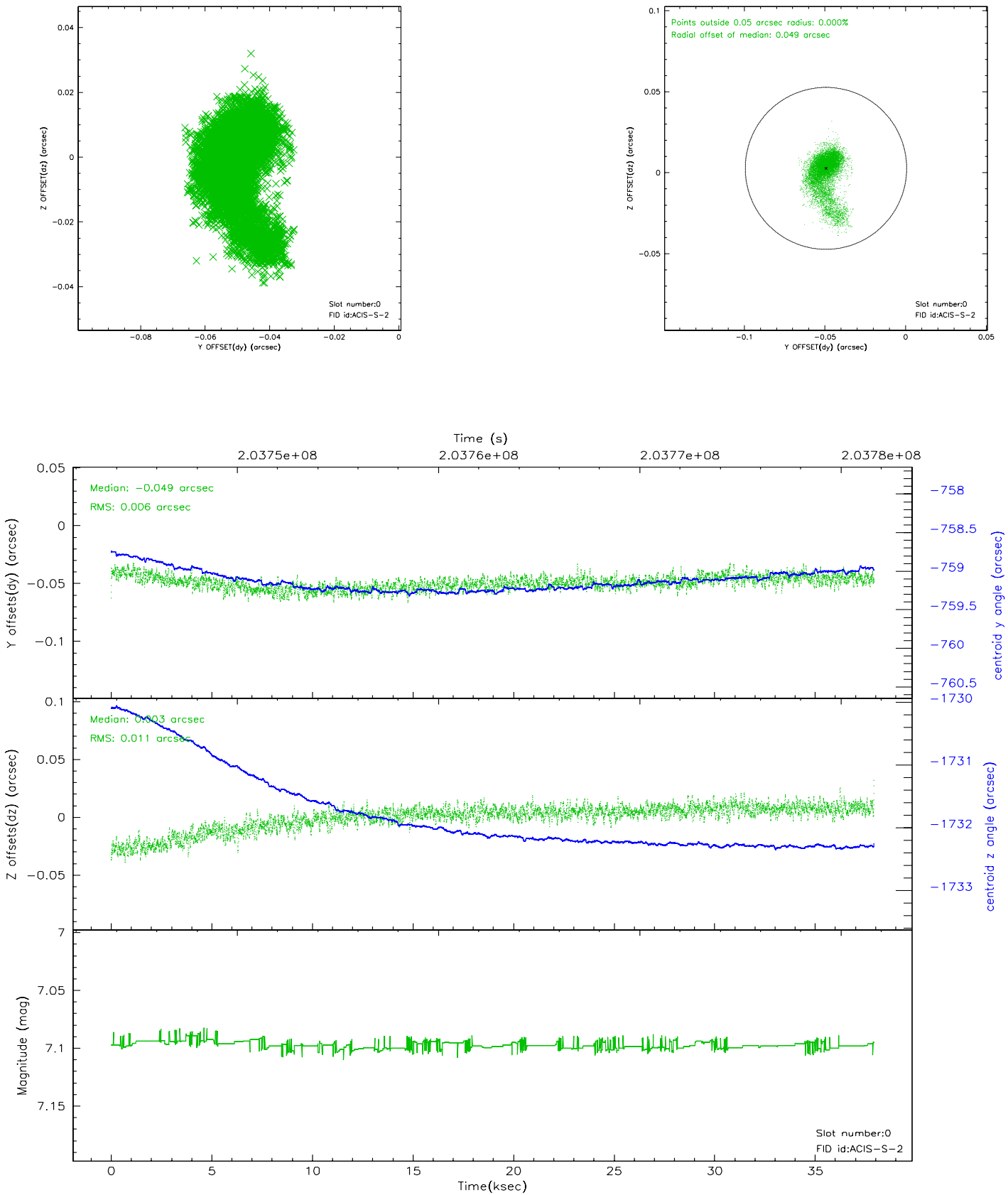


2.4.5 Slot 7

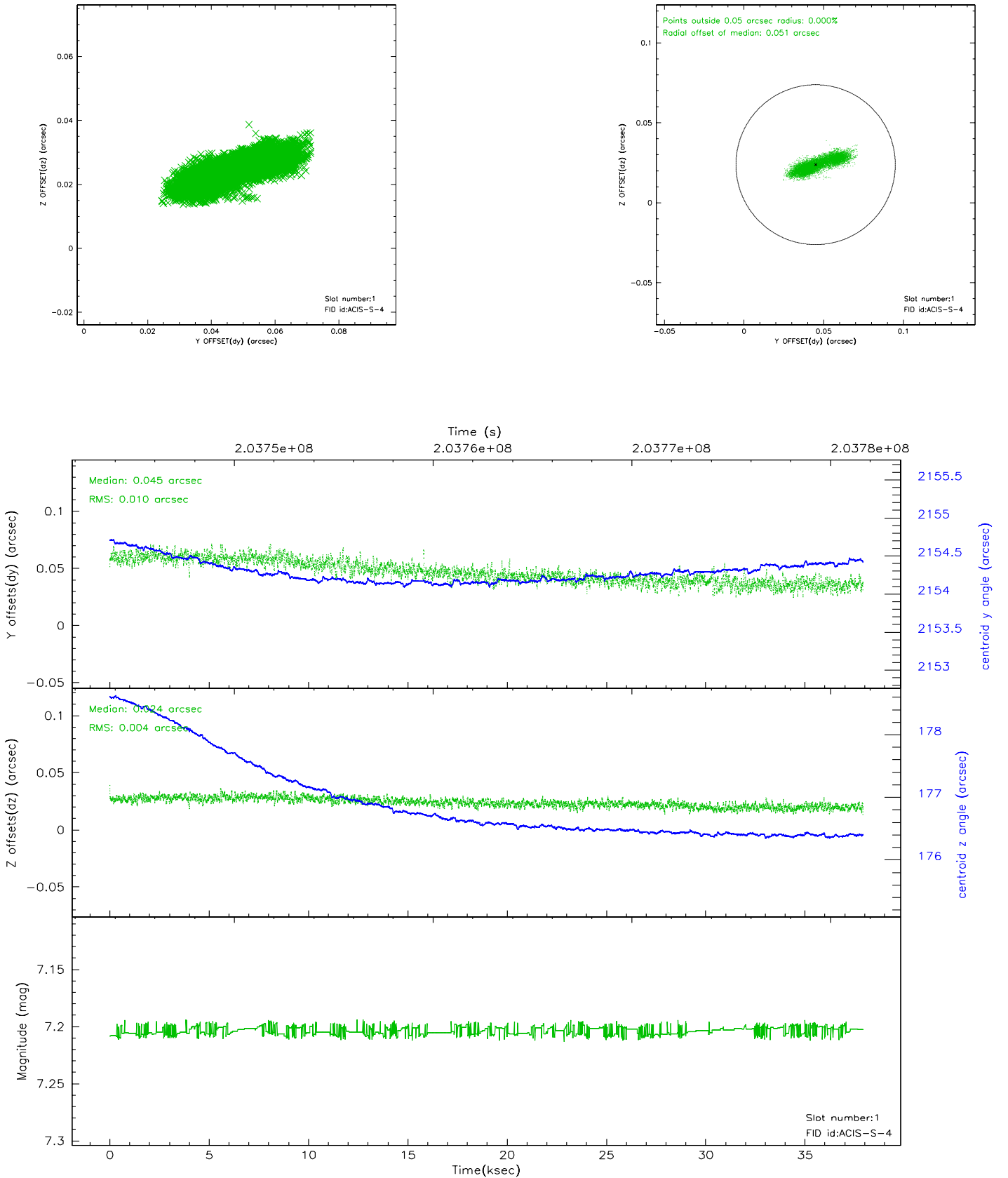


2.5 FID Slots

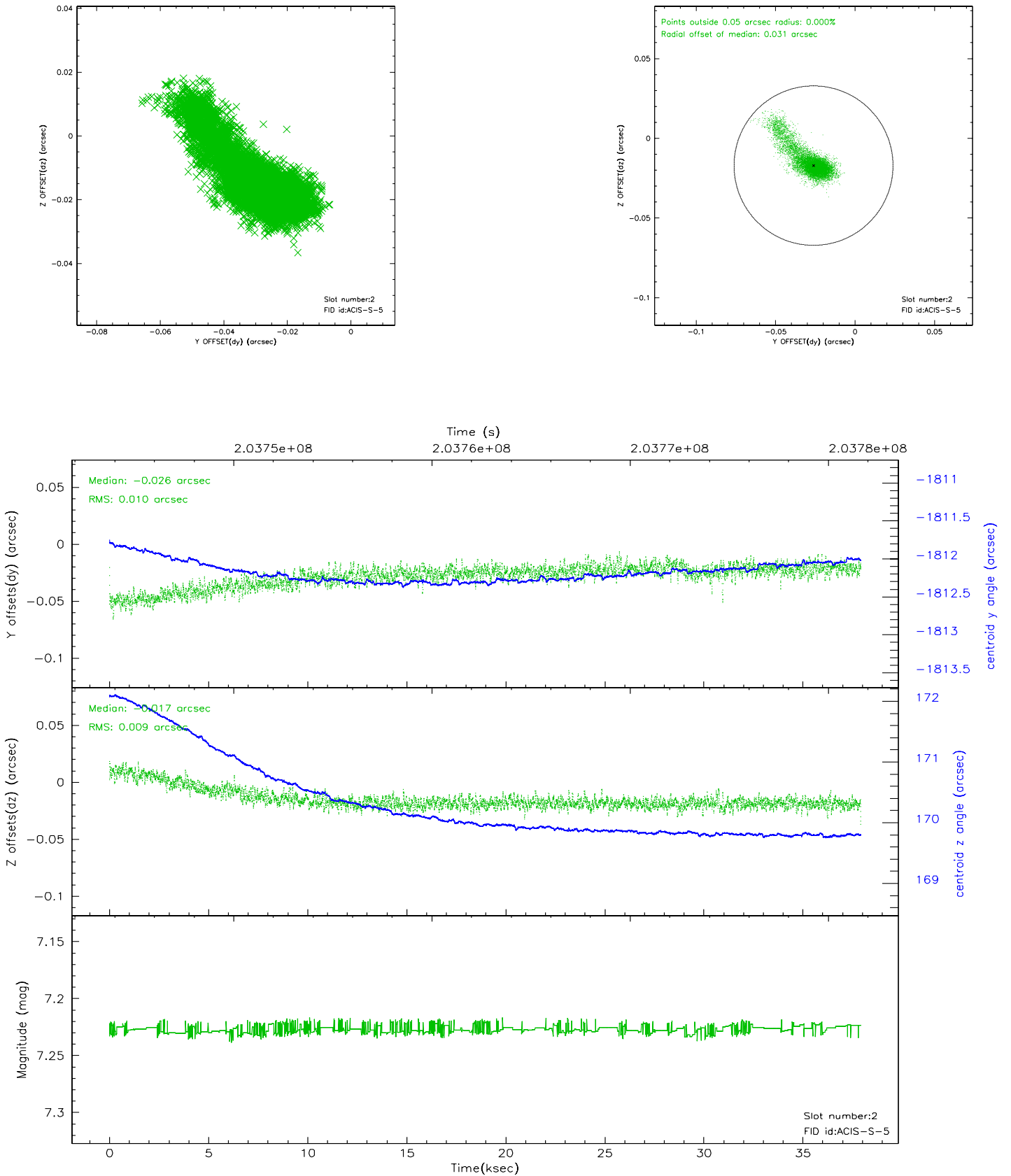
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.934

A.2 Comments