

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 4504 - L2 Version 002
Chandra X-Ray Center

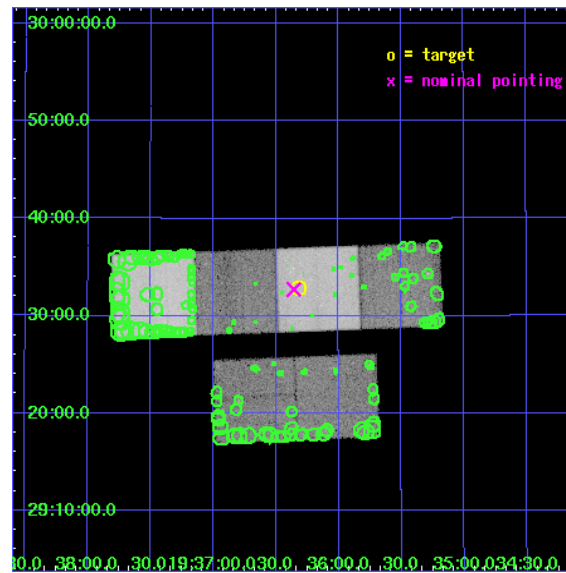
L2 Processing Date: Feb 16 2006

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1 Front

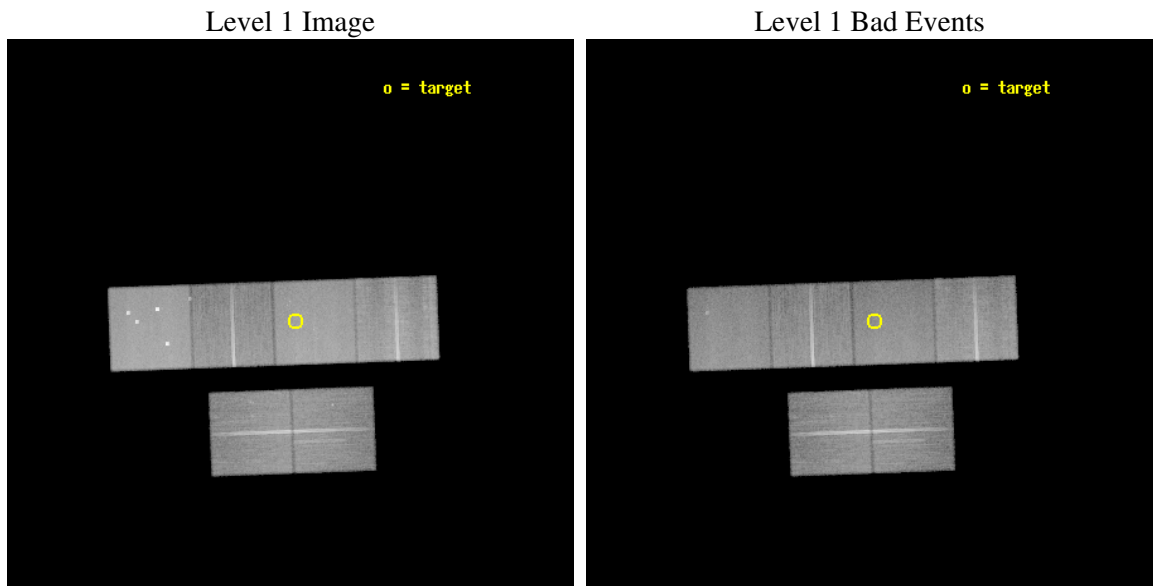
seq_num	200273
obs_id	4504
title	Wind-Wind Interactions and Stellar Magnetic Fields in Pre-Planetary Nebulae
observer	Dr. Raghvendra Sahai
object	M1-92
dtcycle	0
cycle	P
ra_targ	294.078333
dec_targ	29.547611
ra_nom	294.08918670733
dec_nom	29.545563153312
roll_nom	357.90480453506
revision	2
ontime	39756.799851894
livetime	39253.375313499
ontime2	39756.799851894
ontime3	39756.799851894
ontime5	39756.799851894
ontime6	39756.799851894
ontime7	39756.799851894
ontime8	39750.317881435
l2events	437119



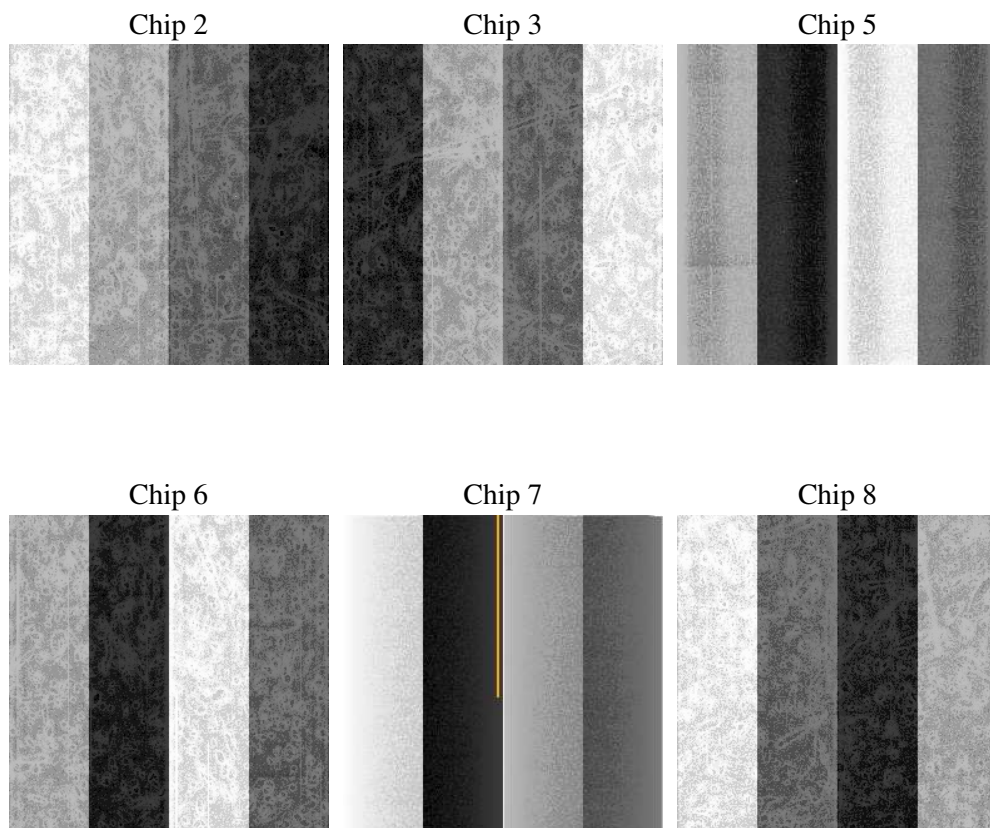
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-16T18:30:39
revision	2

sched_exp_time	40000.000000
ontime	39760.599352509
ontime2	39760.599342465
ontime3	39760.599342465
ontime5	39760.599322587
ontime6	39760.599342465
ontime7	39760.599352509
ontime8	39754.117272466
l1events	2007140

2.1.4 Events

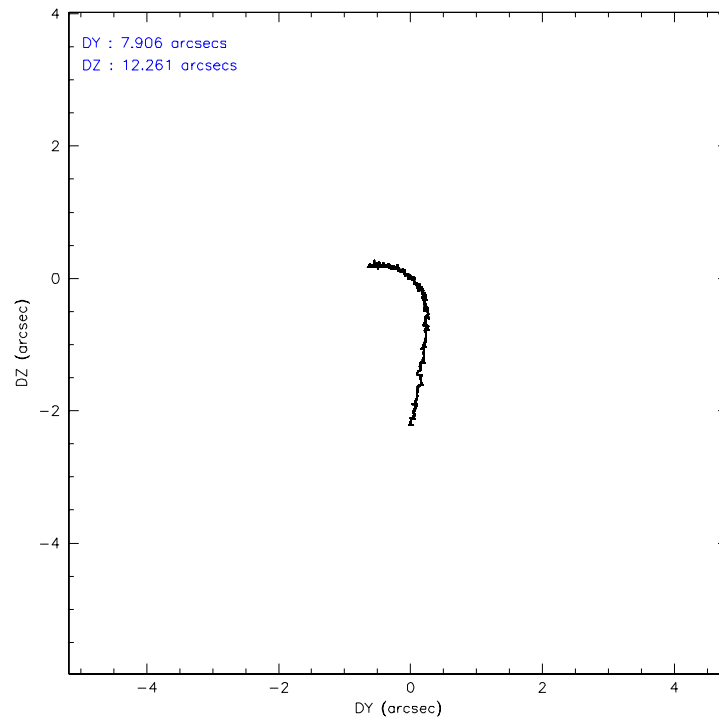
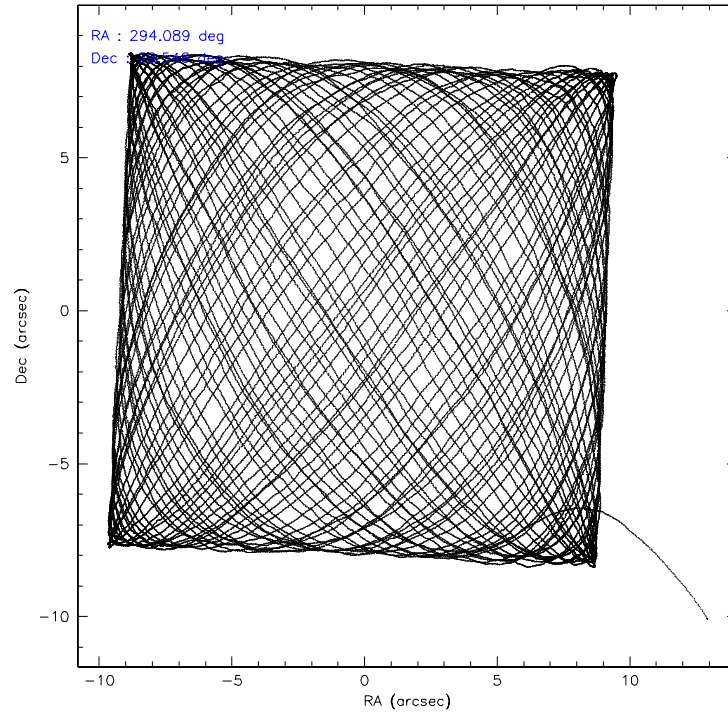
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	284405	269598	429495	280156	379864	363622
rejected events	249940	236698	234113	246838	234425	284812
rejected %	87%	87%	54%	88%	61%	78%

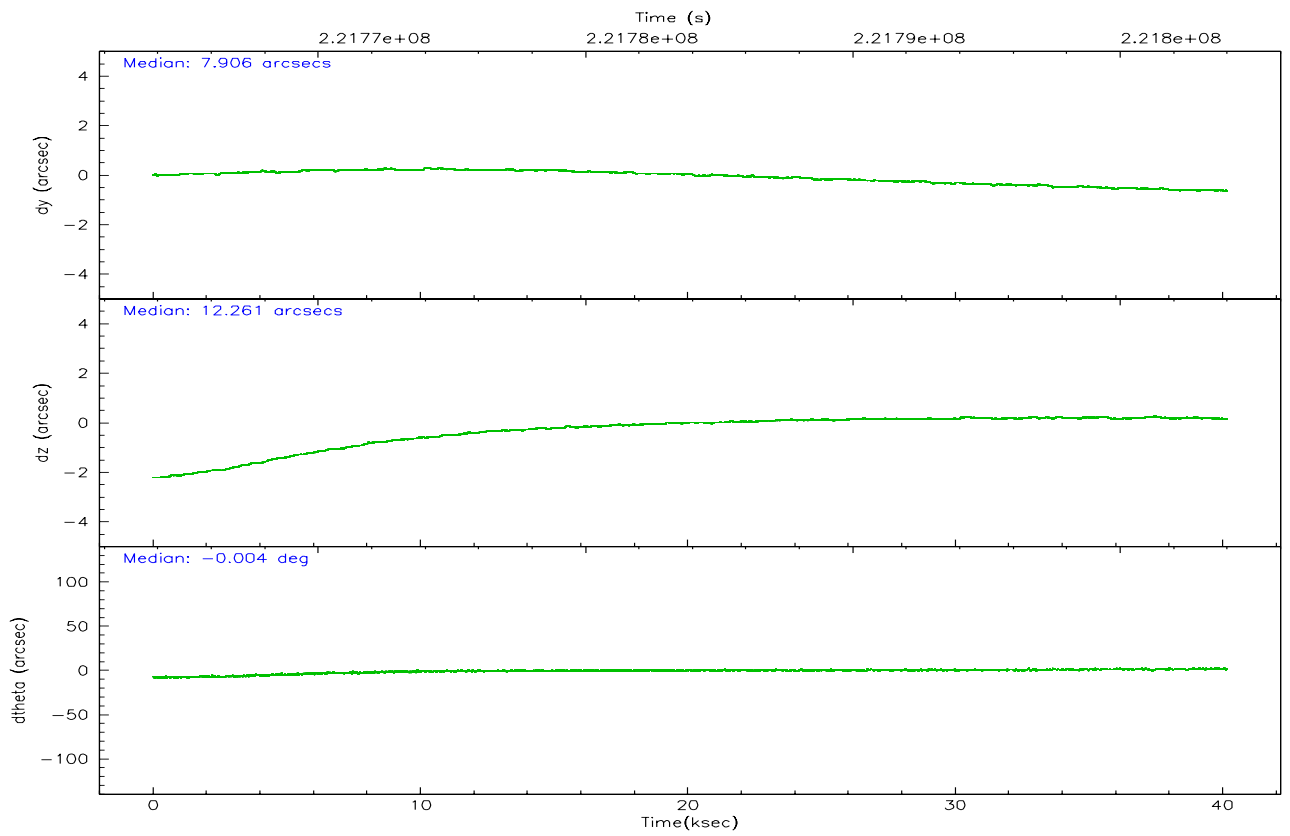
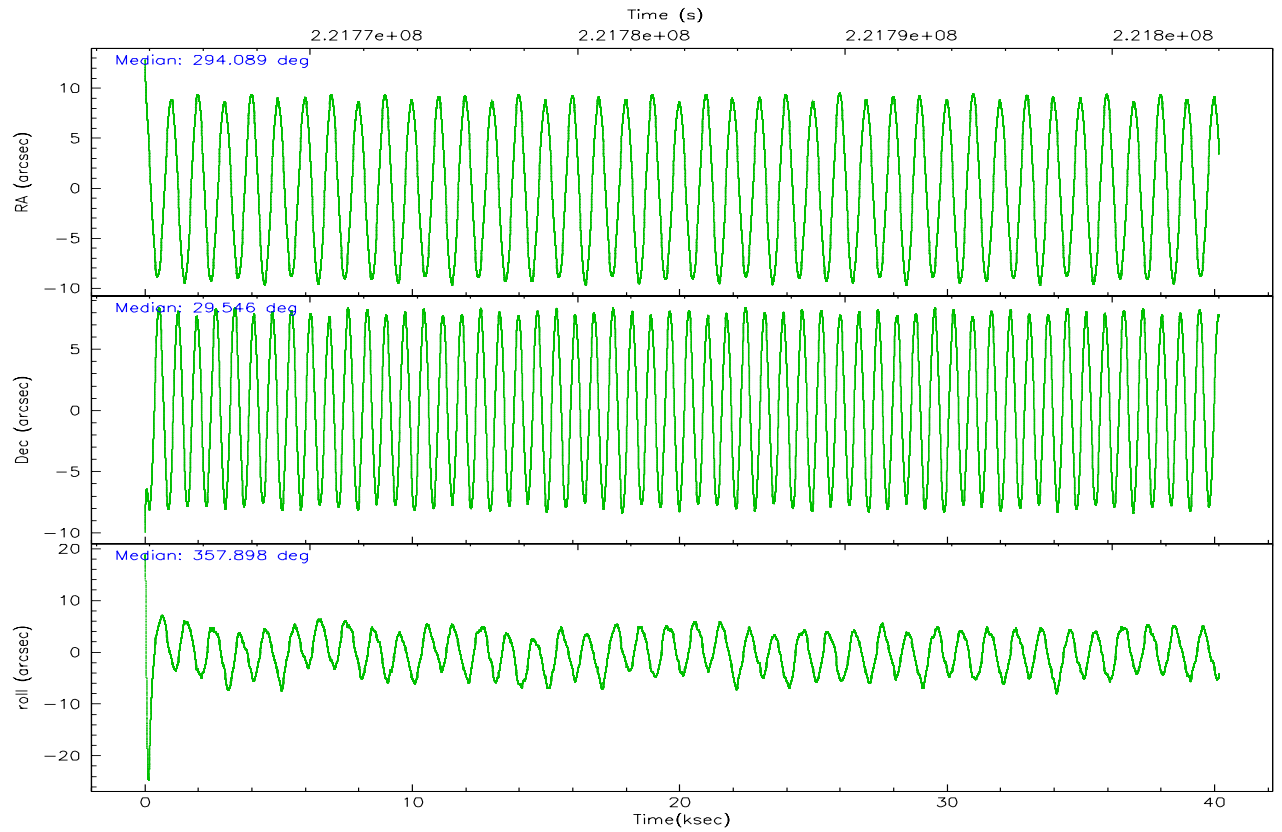
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	15477	14609	23233	13290	7994	25050
	5%	5%	5%	4%	2%	6%
grade 1 events	195	146	375	118	234	269
	0%	0%	0%	0%	0%	0%
grade 2 events	7052	6238	58335	6826	36257	17135
	2%	2%	13%	2%	9%	4%
grade 3 events	3277	3120	4104	3292	7248	8478
	1%	1%	0%	1%	1%	2%
grade 4 events	3079	3223	3833	3259	7177	7875
	1%	1%	0%	1%	1%	2%
grade 5 events	11261	12378	20201	13061	25344	17191
	3%	4%	4%	4%	6%	4%
grade 6 events	5582	5713	105892	6653	86773	20277
	1%	2%	24%	2%	22%	5%
grade 7 events	238482	224171	213522	233657	208837	267347
	83%	83%	49%	83%	54%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	294.061742	294.0891867073274	Alternating exposures requested	N	N
Pointing Dec	29.532502	29.54556315331196	Primary exposure time	0.000000	3.2
Pointing Roll	357.761690	357.9048045350604			
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	221764000.184000	221762798.11227			
Observation start date	2005-01-10T17:05:36	2005-01-10T16:46:38			
Observation end time	221804000.184000	221805494.4892			
Observation end date	2005-01-11T04:12:16	2005-01-11T04:38:14			
Read mode	TIMED	TIMED			

2.3 Aspect



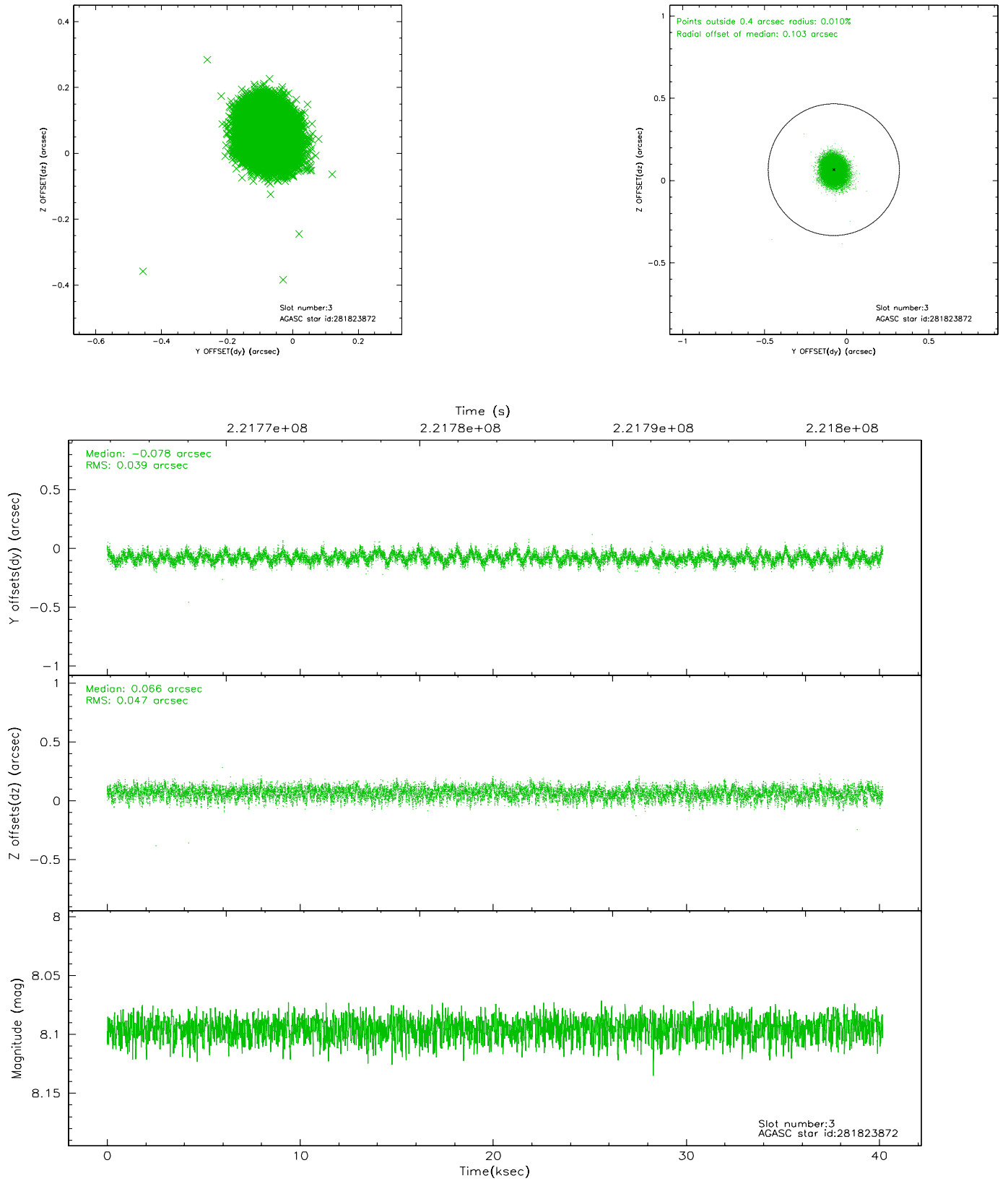


Slot Statistics

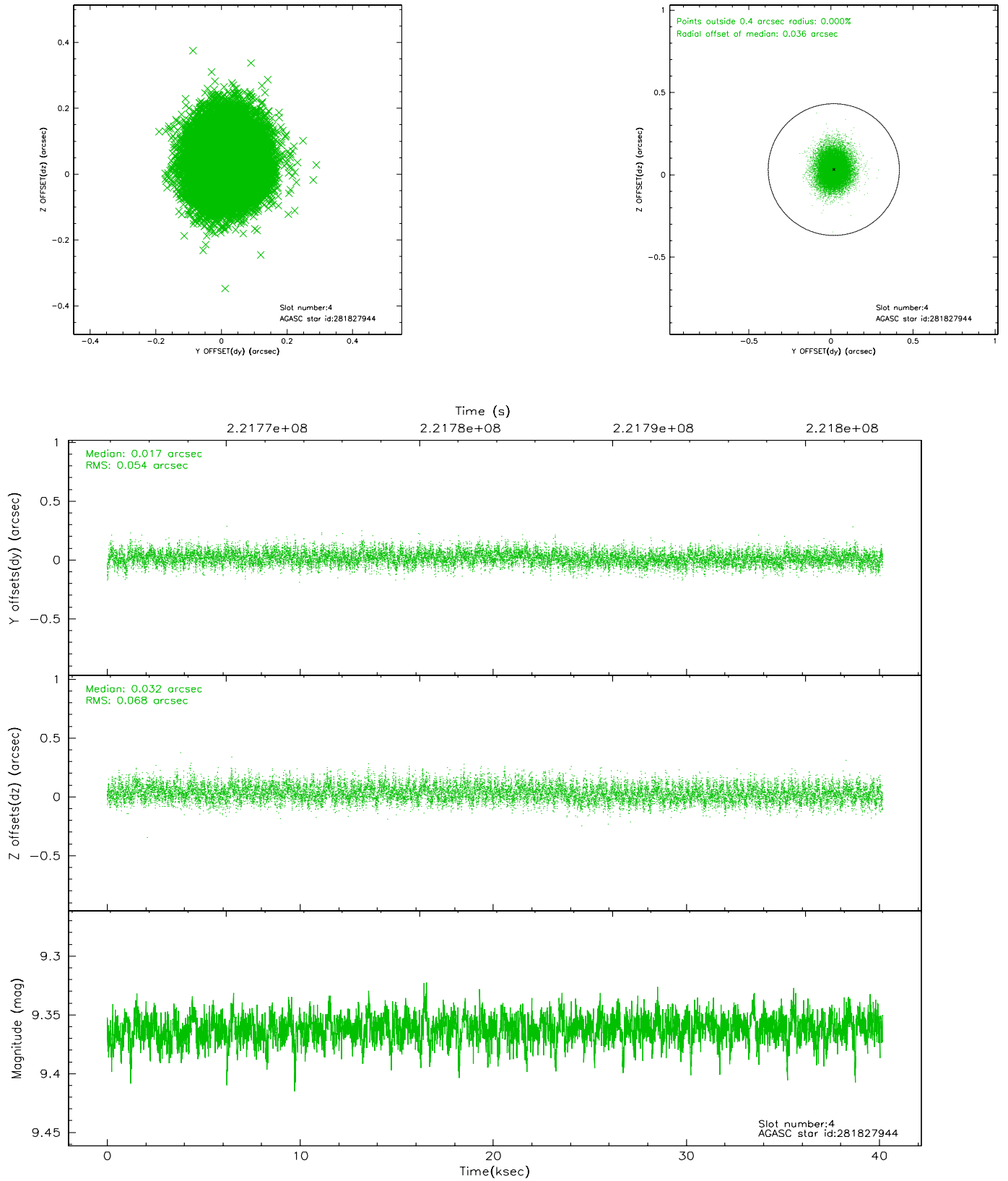
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	9800	0.048	-0.046	0.011	0.025	0.000000	0.000000	935.45	-1728.87
1	FID	ACIS-S-2	7.10	9799	-0.005	0.020	0.016	0.027	0.000000	0.000000	-760.50	-1733.33
2	FID	ACIS-S-5	7.23	9800	-0.068	0.031	0.013	0.035	0.000000	0.000000	-1813.78	168.81
3	GUIDE	281823872	8.09	19594	-0.078	0.066	0.065	0.103	293.583727	29.366915	-1475.16	-651.12
4	GUIDE	281827944	9.36	19585	0.017	0.032	0.092	0.150	293.418907	29.040186	-1952.36	-1844.57
5	GUIDE	347998528	9.28	19590	0.031	-0.042	0.095	0.153	294.052060	30.163784	-118.97	2269.71
6	GUIDE	348009424	8.85	19595	-0.066	-0.071	0.089	0.140	294.512266	30.147769	1314.79	2271.18
7	GUIDE	281822608	9.81	19579	0.094	0.017	0.129	0.210	294.414251	29.049896	1176.99	-1690.63

2.4 Star Slots

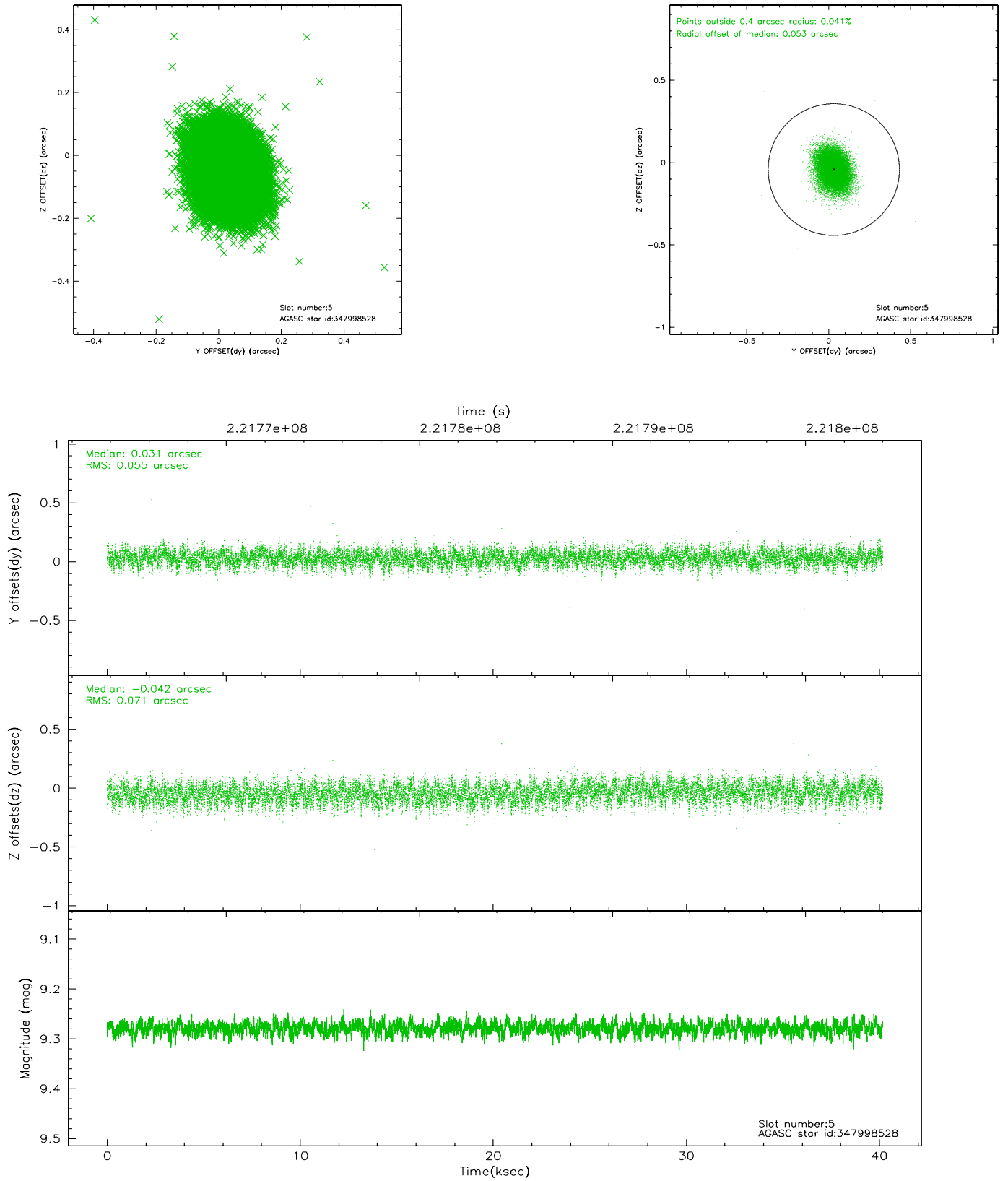
2.4.1 Slot 3



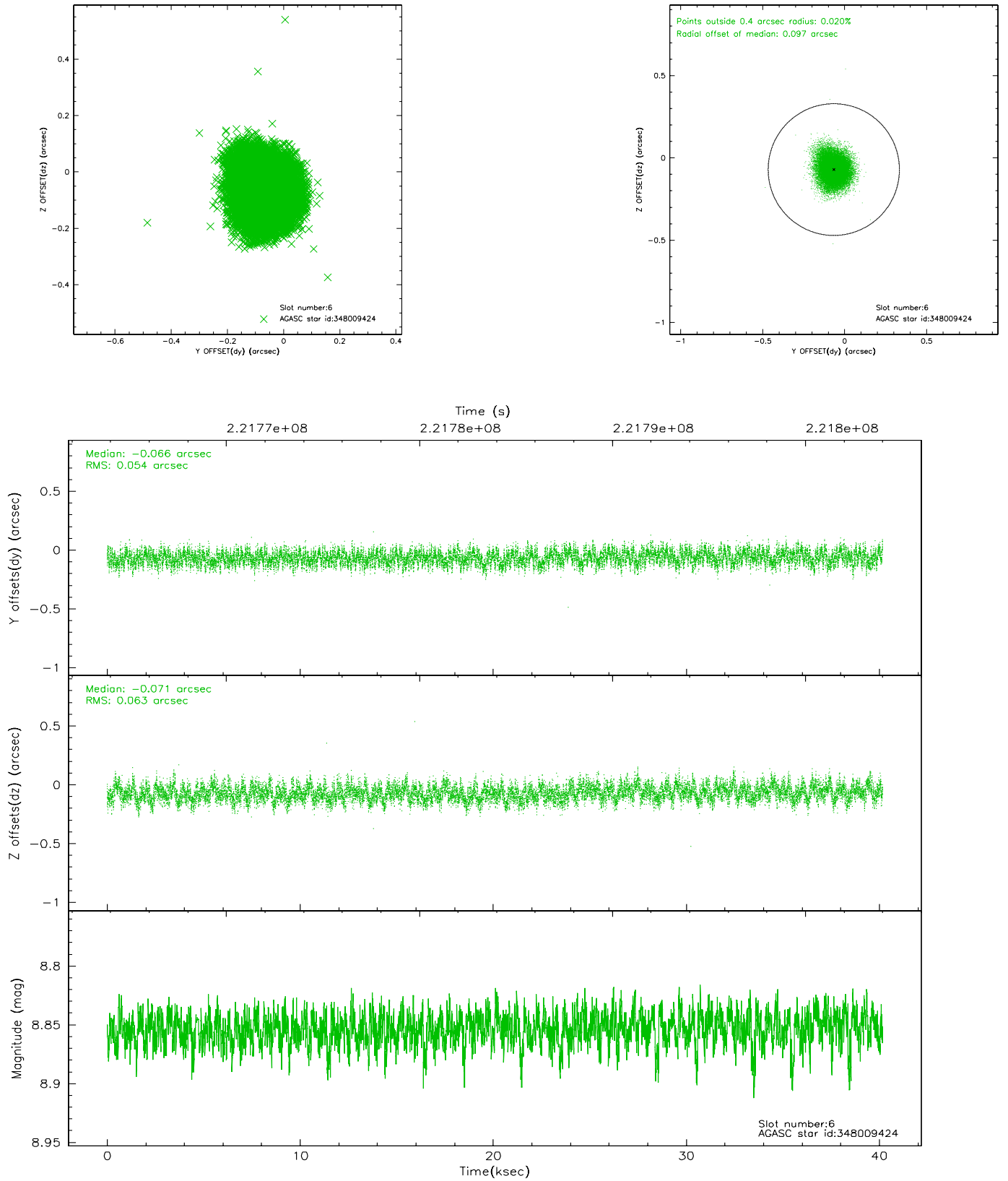
2.4.2 Slot 4



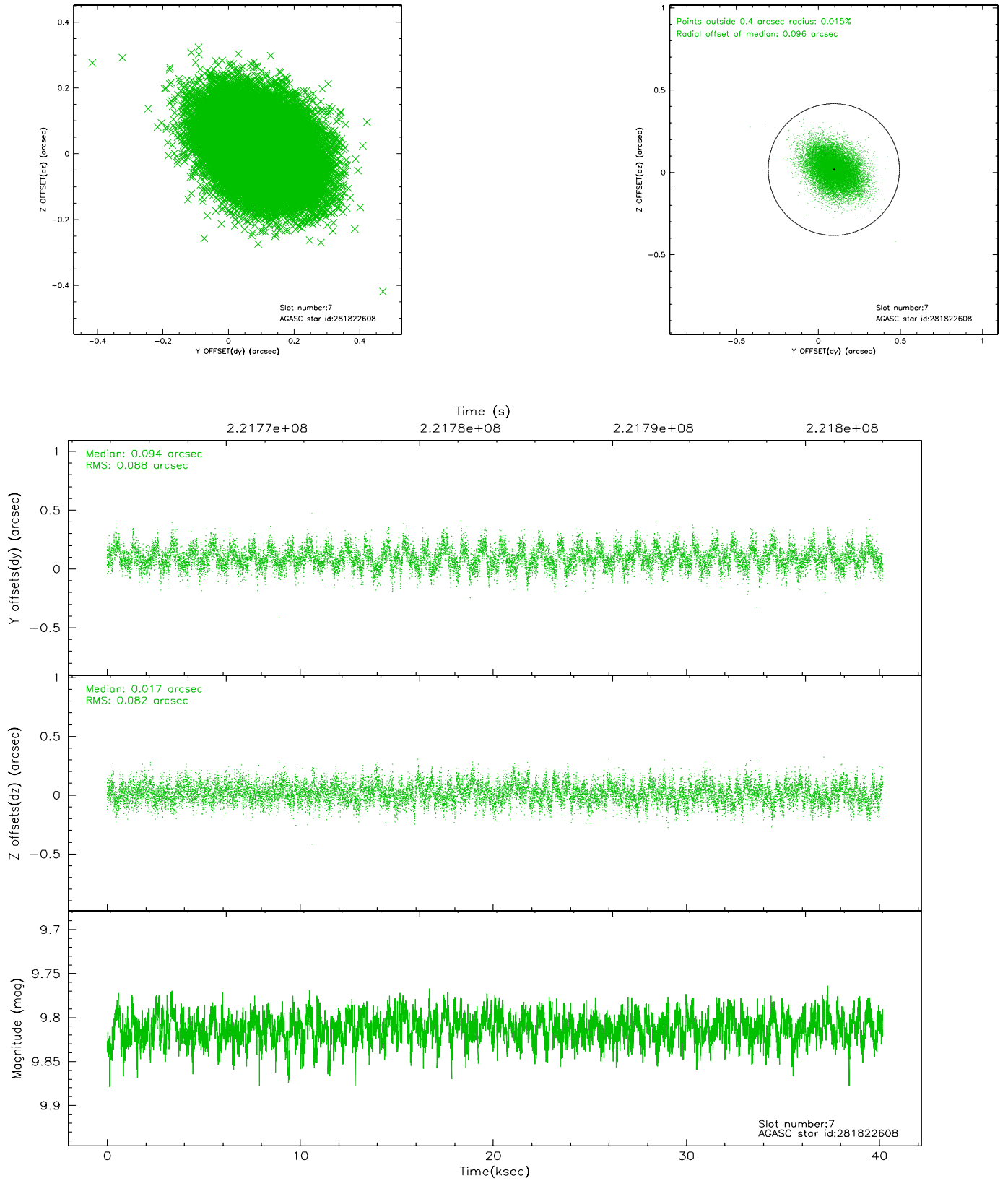
2.4.3 Slot 5



2.4.4 Slot 6

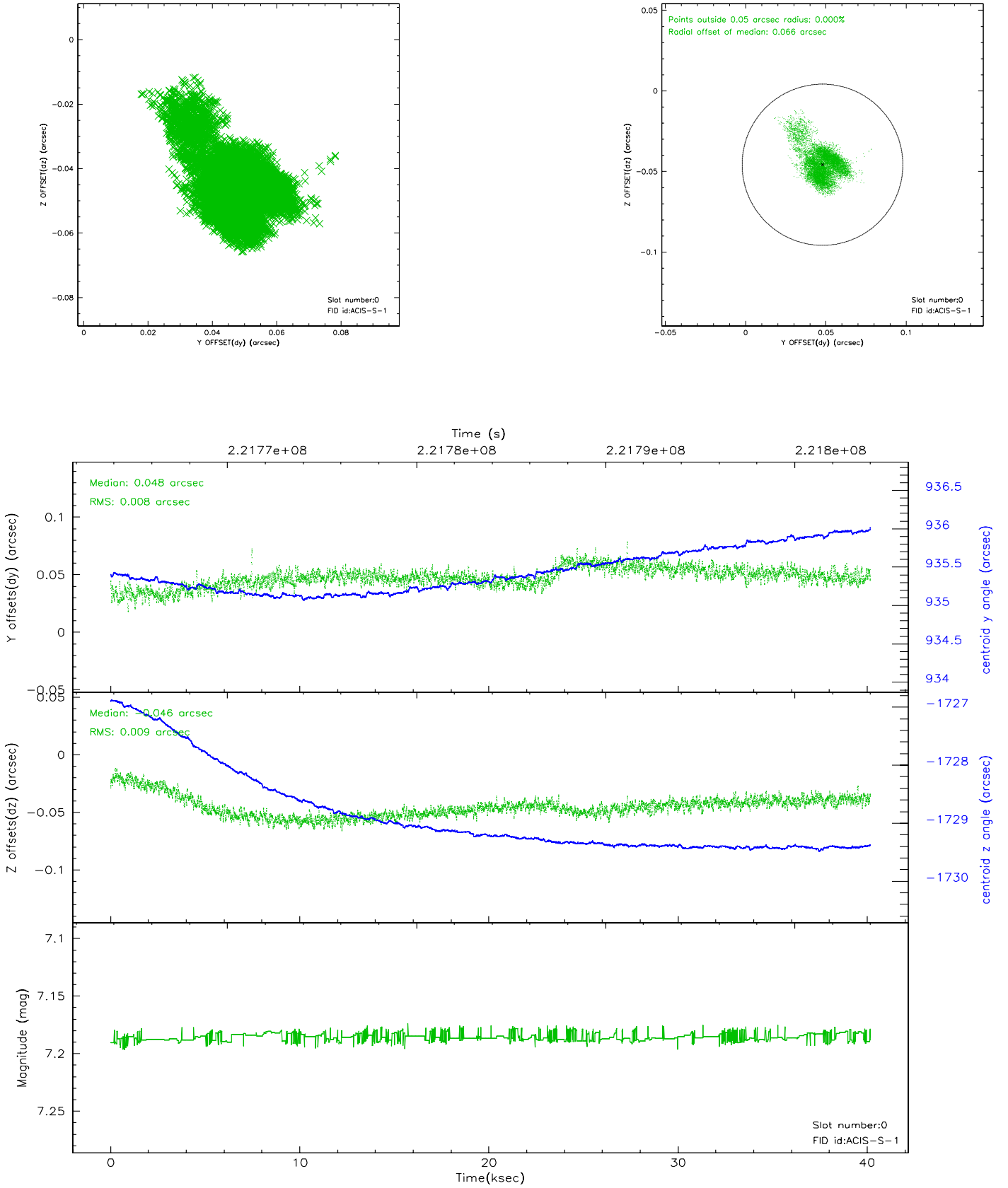


2.4.5 Slot 7

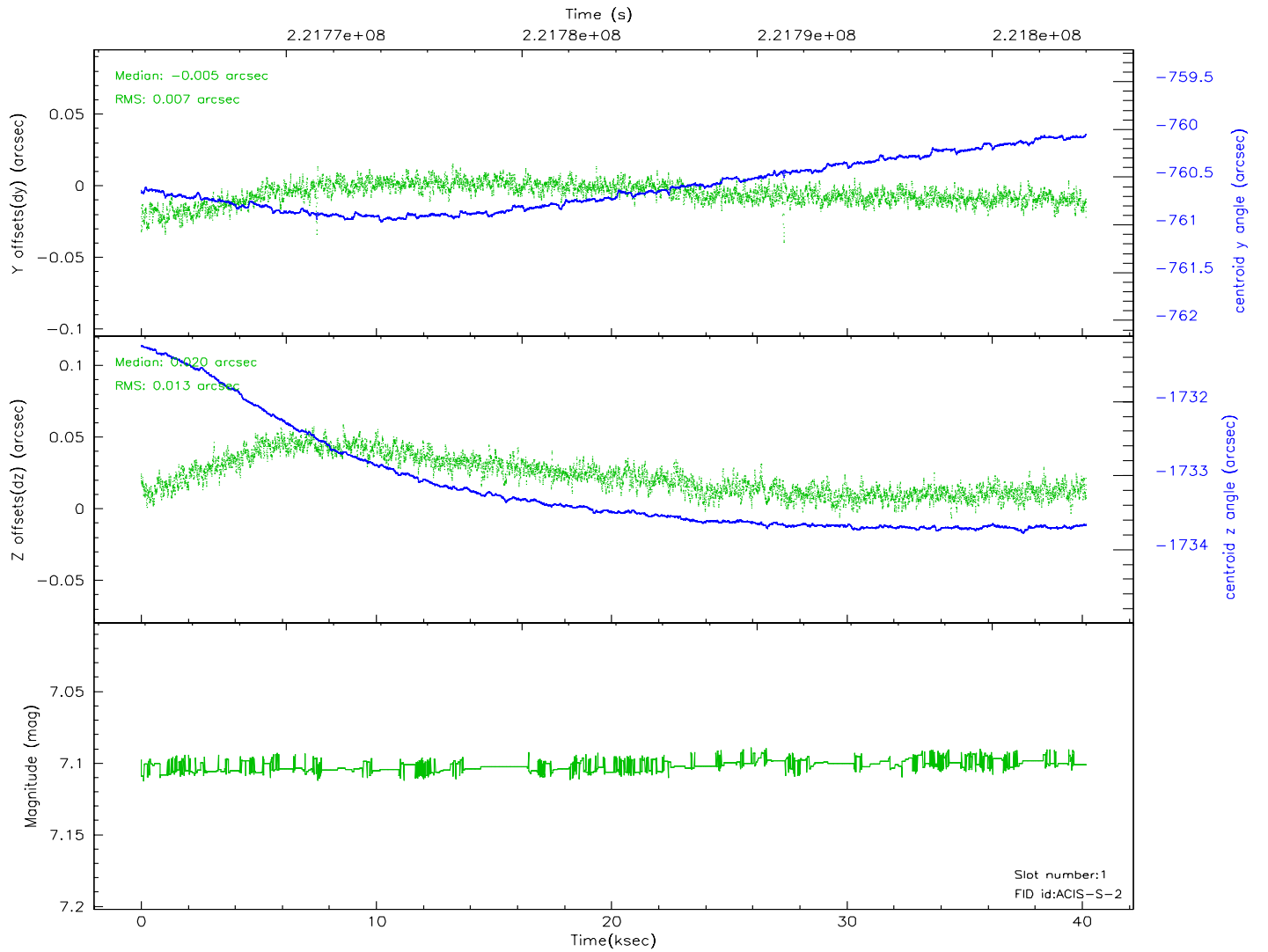
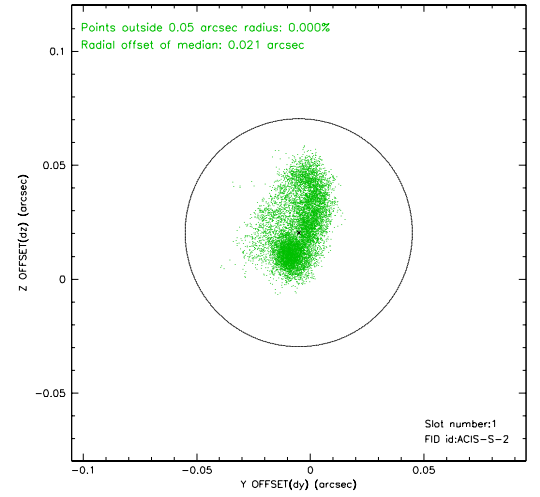
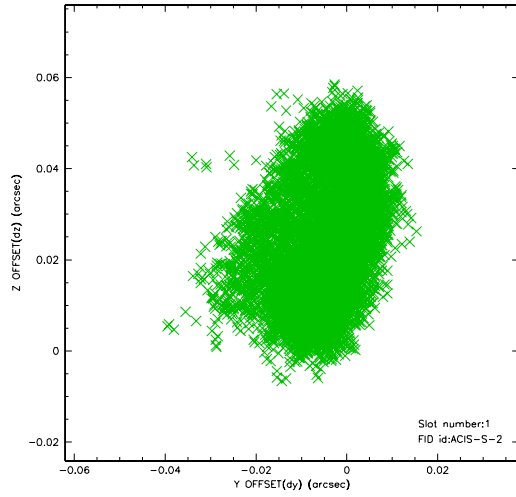


2.5 FID Slots

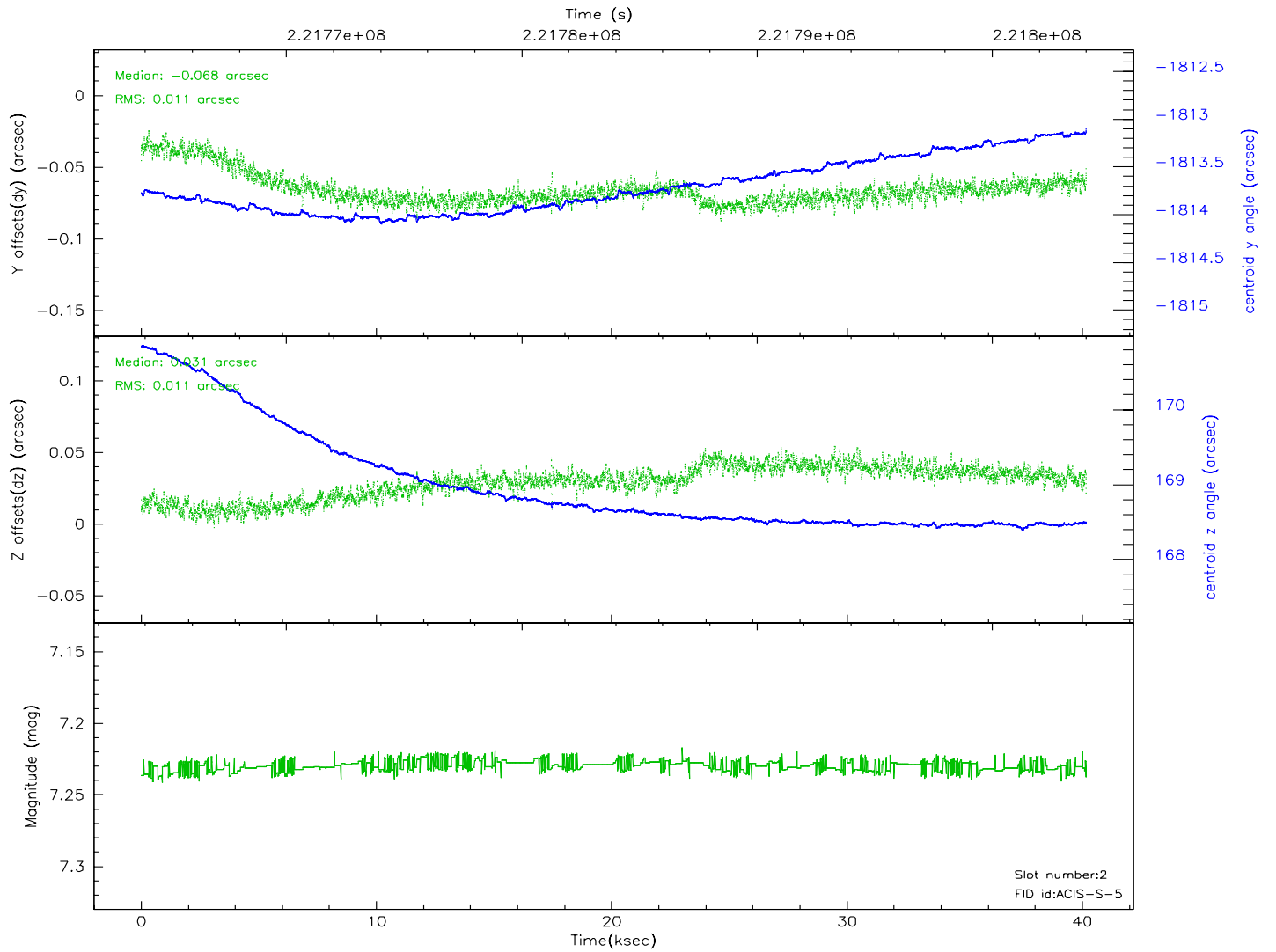
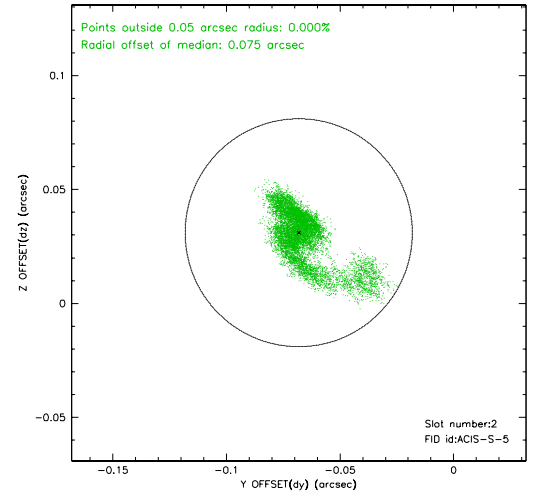
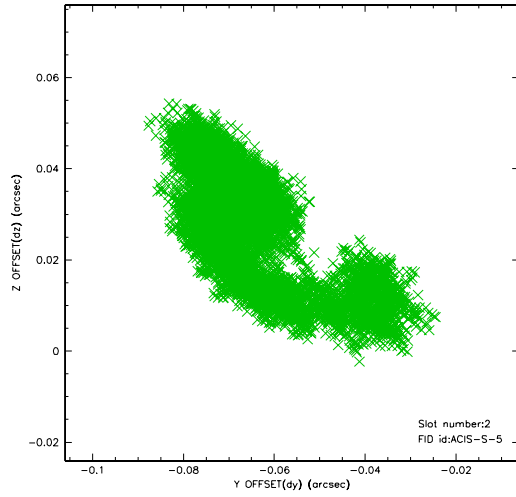
2.5.1 Slot 0



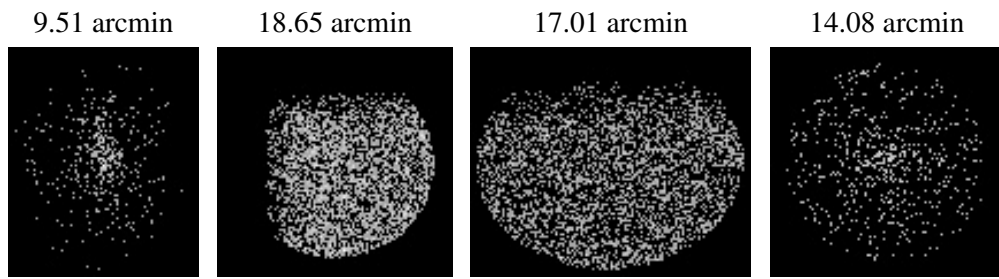
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.75679

A.2 Comments

Charge time:

Using existing charge time of 39.75679.