

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5912 - L2 Version 002
Chandra X-Ray Center

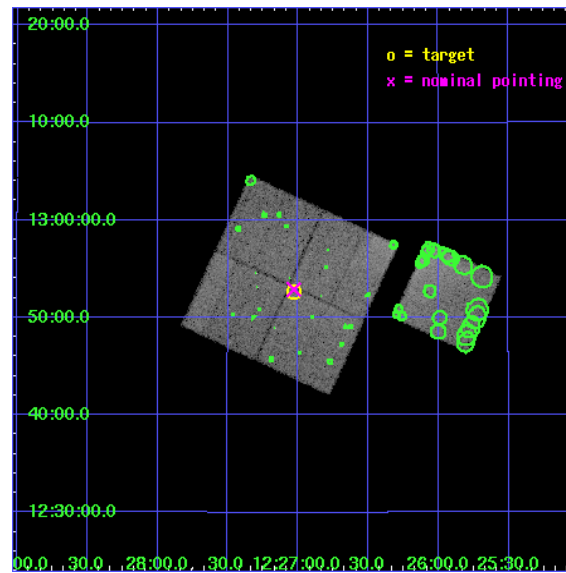
L2 Processing Date: Feb 27 2006

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1 Front

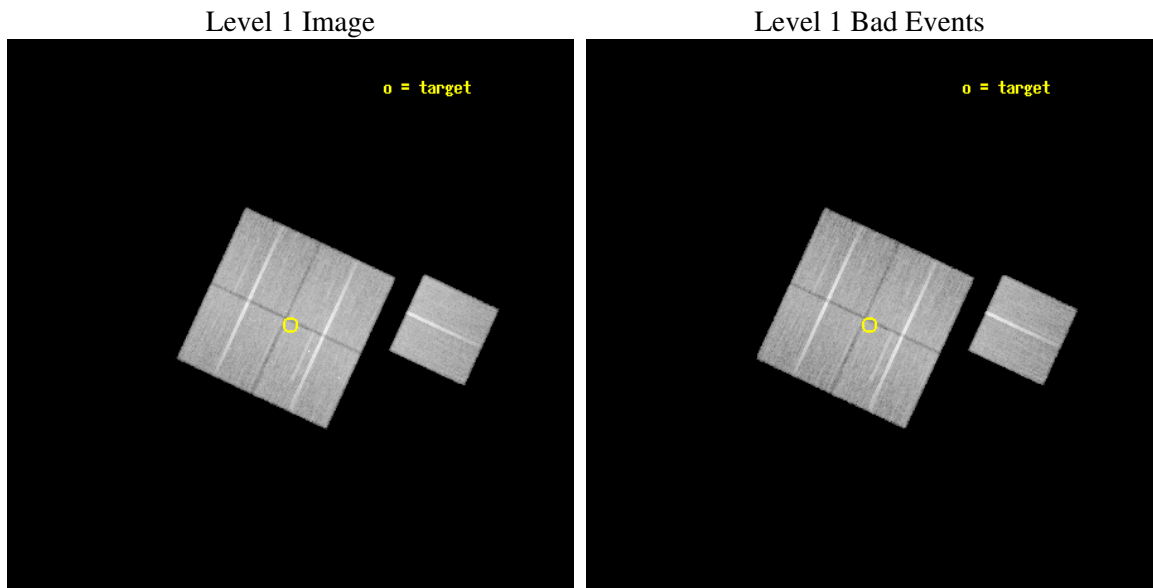
seq_num	600431
obs_id	5912
title	Understanding the Process of Ram Pressure Stripping in M86
observer	Dr. Christine Jones
object	M86
dtcycle	0
cycle	P
ra_targ	186.7575
dec_targ	12.876944
ra_nom	186.75733880825
dec_nom	12.881562424862
roll_nom	114.9085324905
revision	2
ontime	33062.358866662
livetime	32643.70337093
ontime0	33065.599876821
ontime1	33065.599876821
ontime2	33065.599876821
ontime3	33062.358866662
ontime6	33065.599876821
l2events	138143



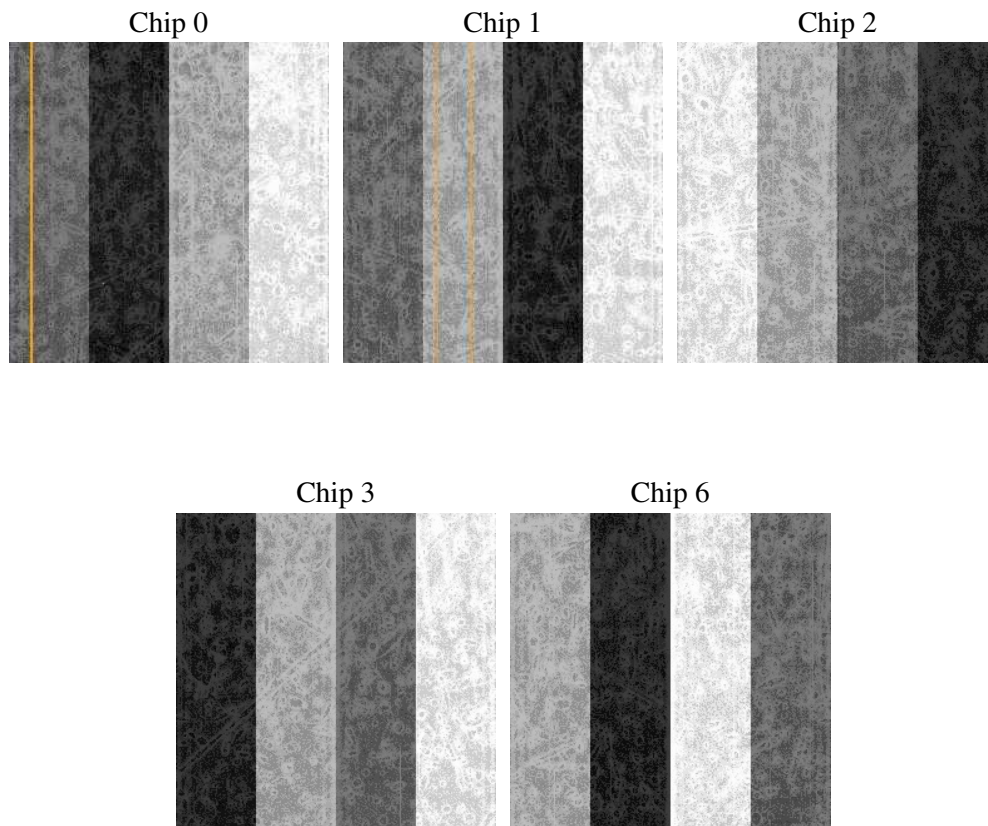
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-27T06:46:11
revision	2

sched_exp_time	33000.000000
ontime	33064.78247878
ontime0	33068.023488939
ontime1	33068.023498833
ontime2	33068.023488939
ontime3	33064.78247878
ontime6	33068.023498833
l1events	1039750

2.1.4 Events

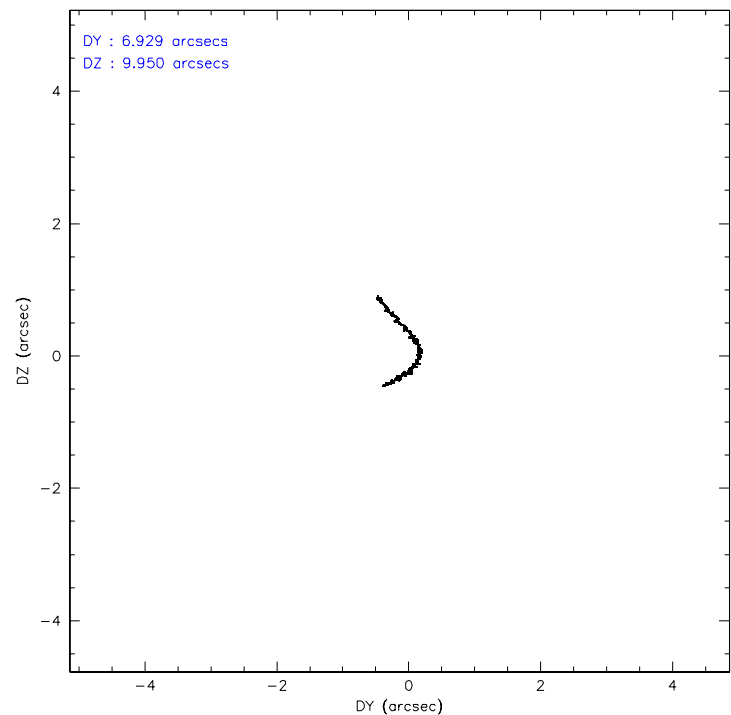
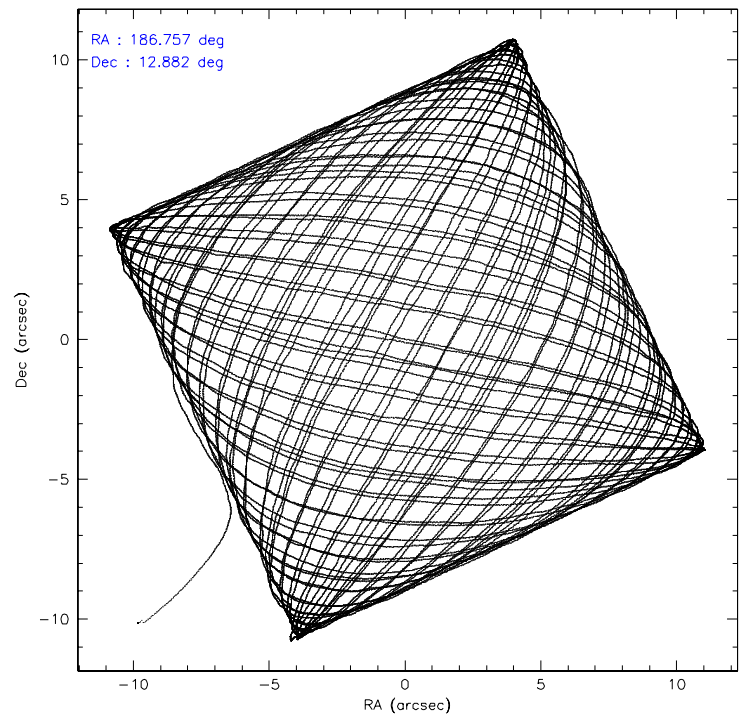
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	193242	194736	224911	211533	215328
rejected events	164725	165797	188940	183740	178545
rejected %	85%	85%	84%	86%	82%

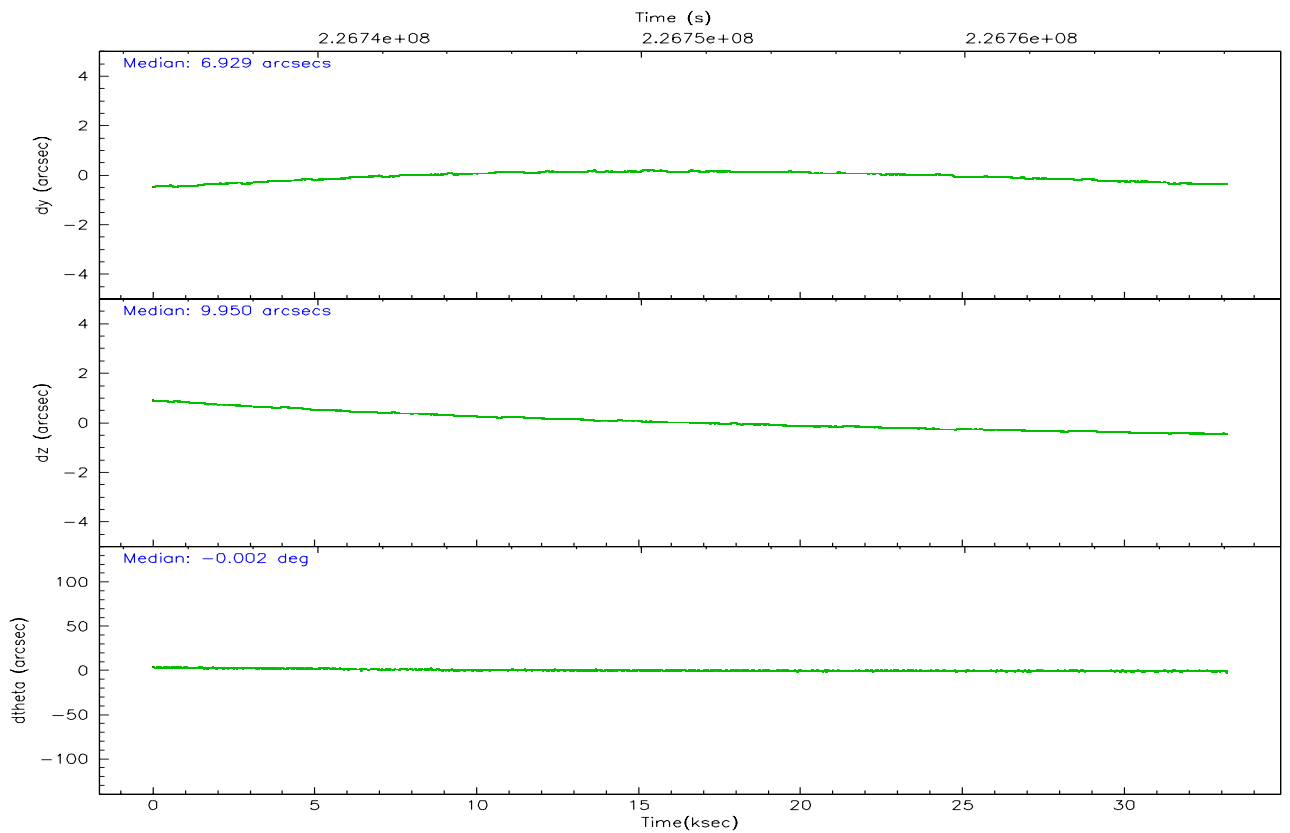
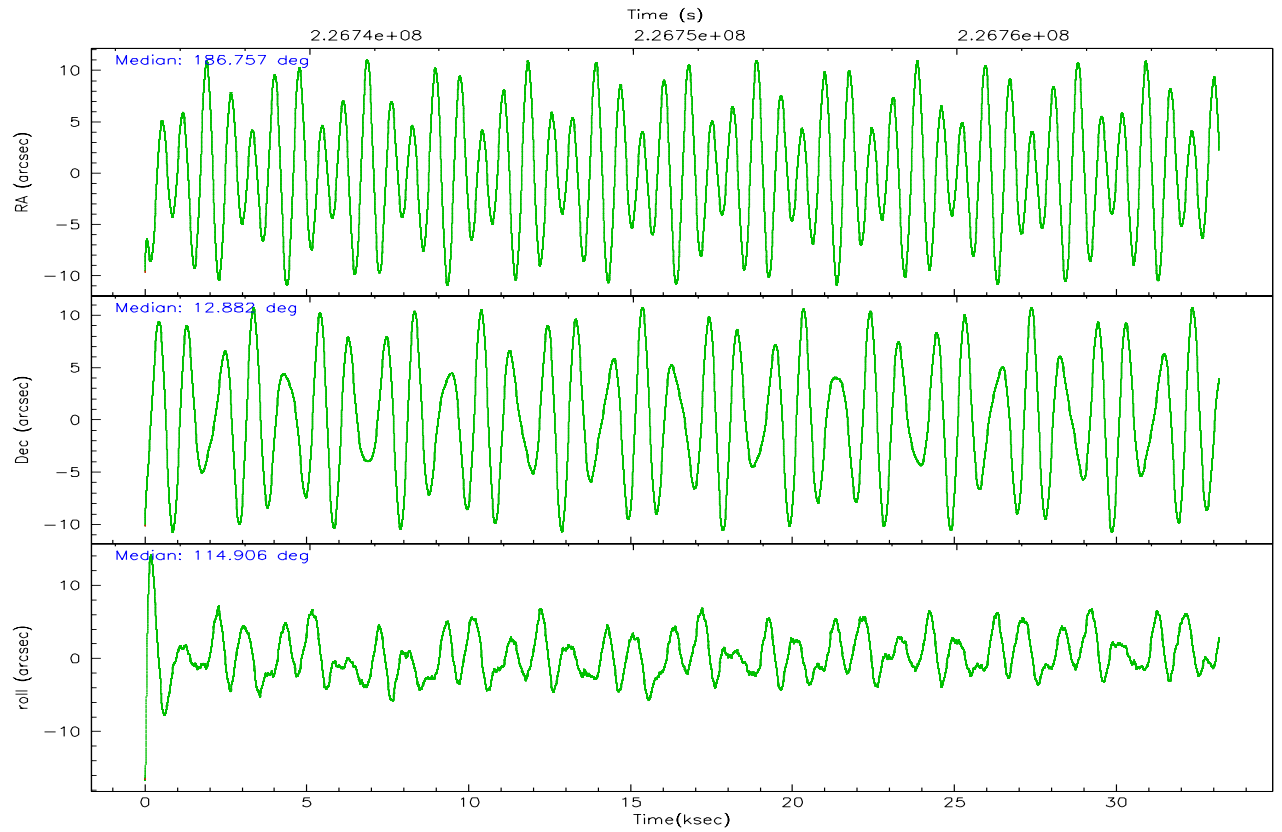
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	14052	13858	21278	14133	21245
	7%	7%	9%	6%	9%
grade 1 events	128	107	185	130	129
	0%	0%	0%	0%	0%
grade 2 events	5439	5406	5946	4919	5695
	2%	2%	2%	2%	2%
grade 3 events	2555	2578	2440	2475	2729
	1%	1%	1%	1%	1%
grade 4 events	2415	2594	2593	2405	2620
	1%	1%	1%	1%	1%
grade 5 events	7383	7813	6860	8237	8041
	3%	4%	3%	3%	3%
grade 6 events	4056	4504	3716	3864	4498
	2%	2%	1%	1%	2%
grade 7 events	157214	157876	181893	175370	170371
	81%	81%	80%	82%	79%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	186.780384	186.7573388082467	Alternating exposures requested	N	N
Pointing Dec	12.865932	12.88156242486177	Primary exposure time	0.000000	3.2
Pointing Roll	114.694725	114.9085324904977			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	226735089.184000	226734143.14956			
Observation start date	2005-03-09T05:57:05	2005-03-09T05:42:23			
Observation end time	226768089.184000	226769508.21366			
Observation end date	2005-03-09T15:07:05	2005-03-09T15:31:48			
Read mode	TIMED	TIMED			

2.3 Aspect



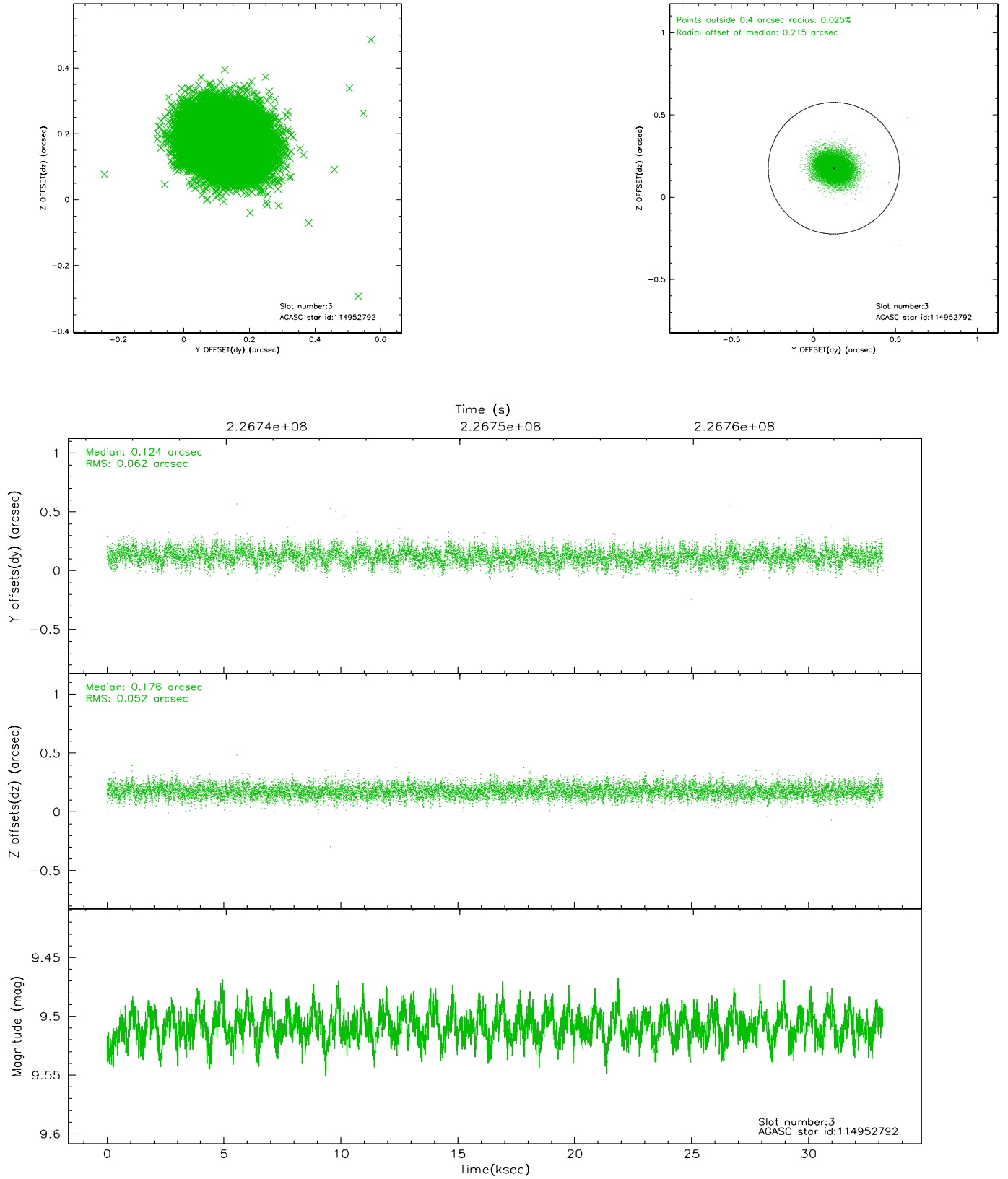


Slot Statistics

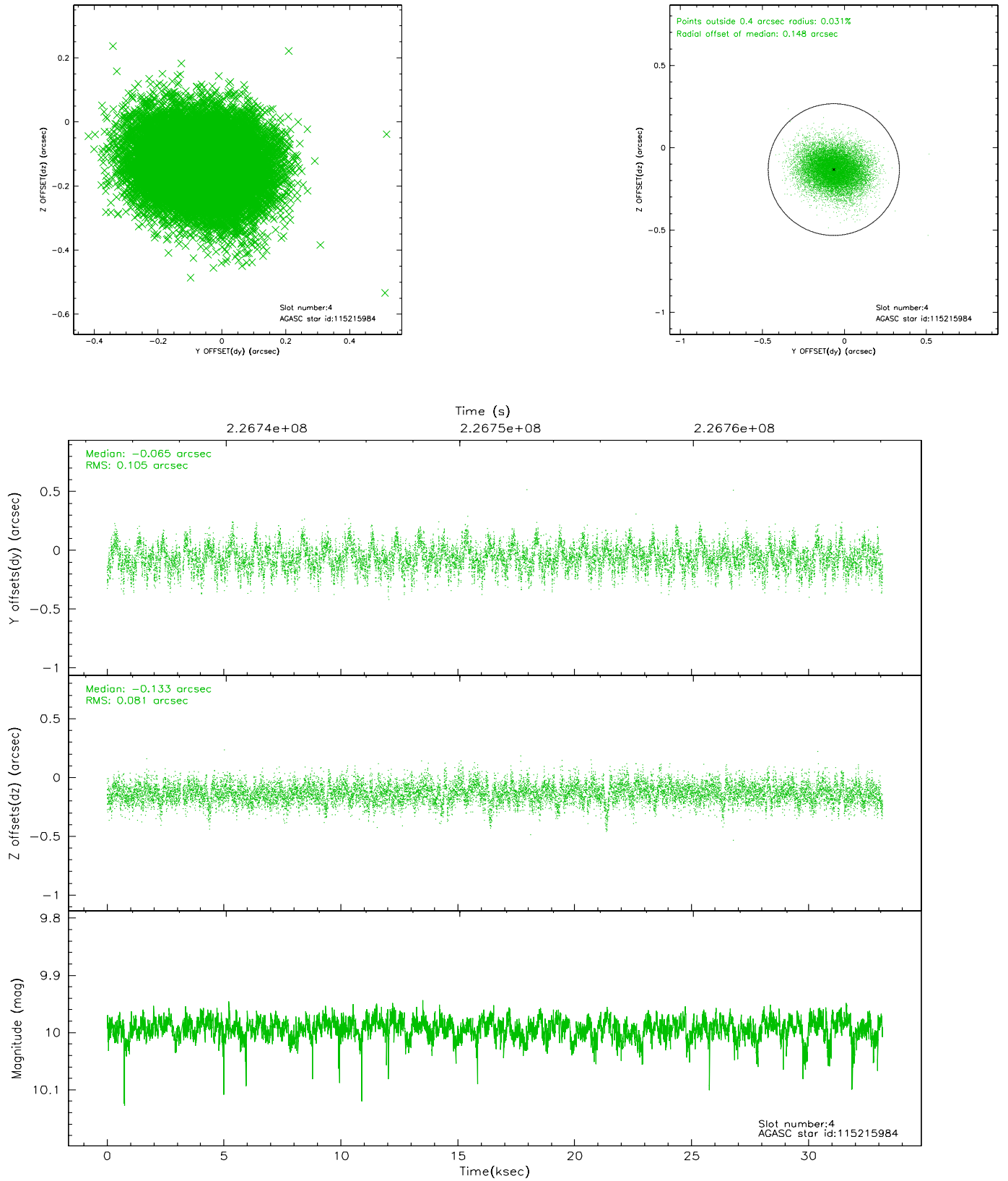
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	8091	-0.011	0.035	0.015	0.026	0.000000	0.000000	932.80	-833.46
1	FID	ACIS-I-5	7.23	8092	-0.132	0.020	0.008	0.015	0.000000	0.000000	-1815.40	1064.00
2	FID	ACIS-I-6	7.26	8092	0.053	0.015	0.013	0.023	0.000000	0.000000	398.35	1708.55
3	GUIDE	114952792	9.51	16170	0.124	0.176	0.086	0.139	187.070263	12.344747	-2129.74	-141.89
4	GUIDE	115215984	9.99	16102	-0.065	-0.133	0.141	0.229	186.134733	12.875031	978.92	2043.98
5	GUIDE	115347480	9.36	16171	-0.065	0.101	0.085	0.138	186.668576	13.310410	1617.77	-312.21
6	GUIDE	115348424	9.51	16170	-0.011	-0.037	0.090	0.148	187.199498	13.087929	113.51	-1669.47
7	GUIDE	114954440	9.17	16171	0.012	-0.104	0.090	0.146	186.915066	12.219118	-2313.55	541.64

2.4 Star Slots

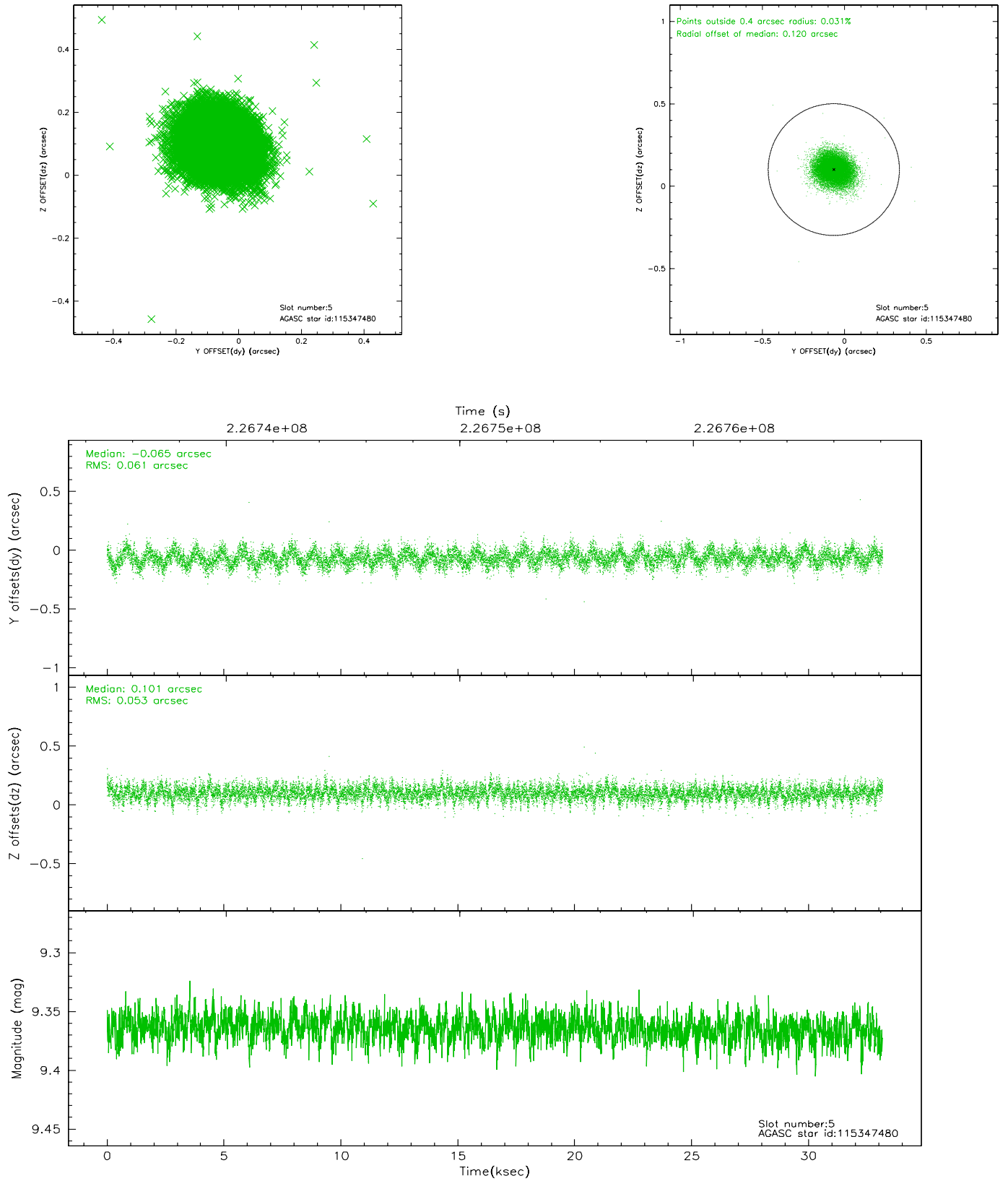
2.4.1 Slot 3



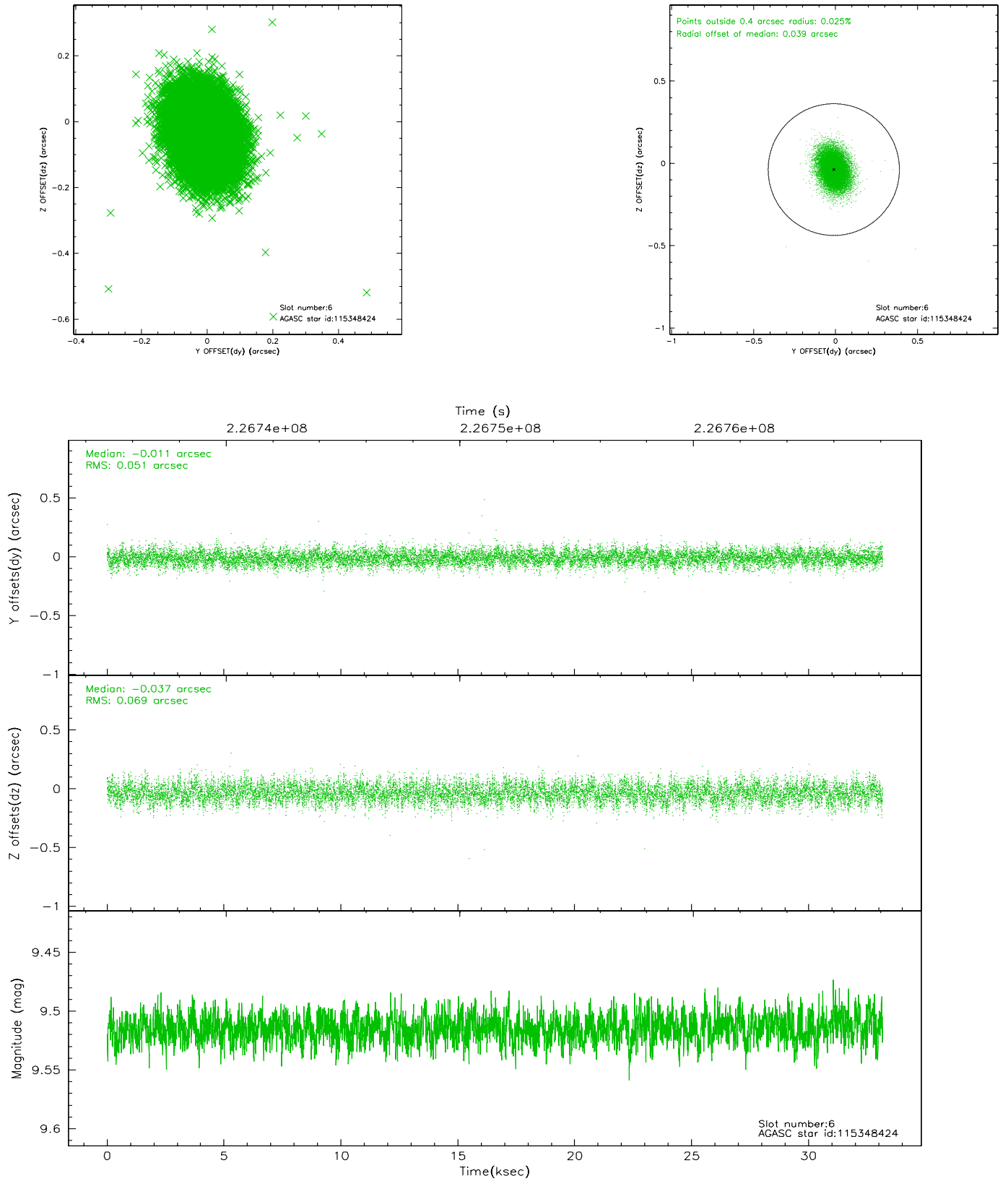
2.4.2 Slot 4



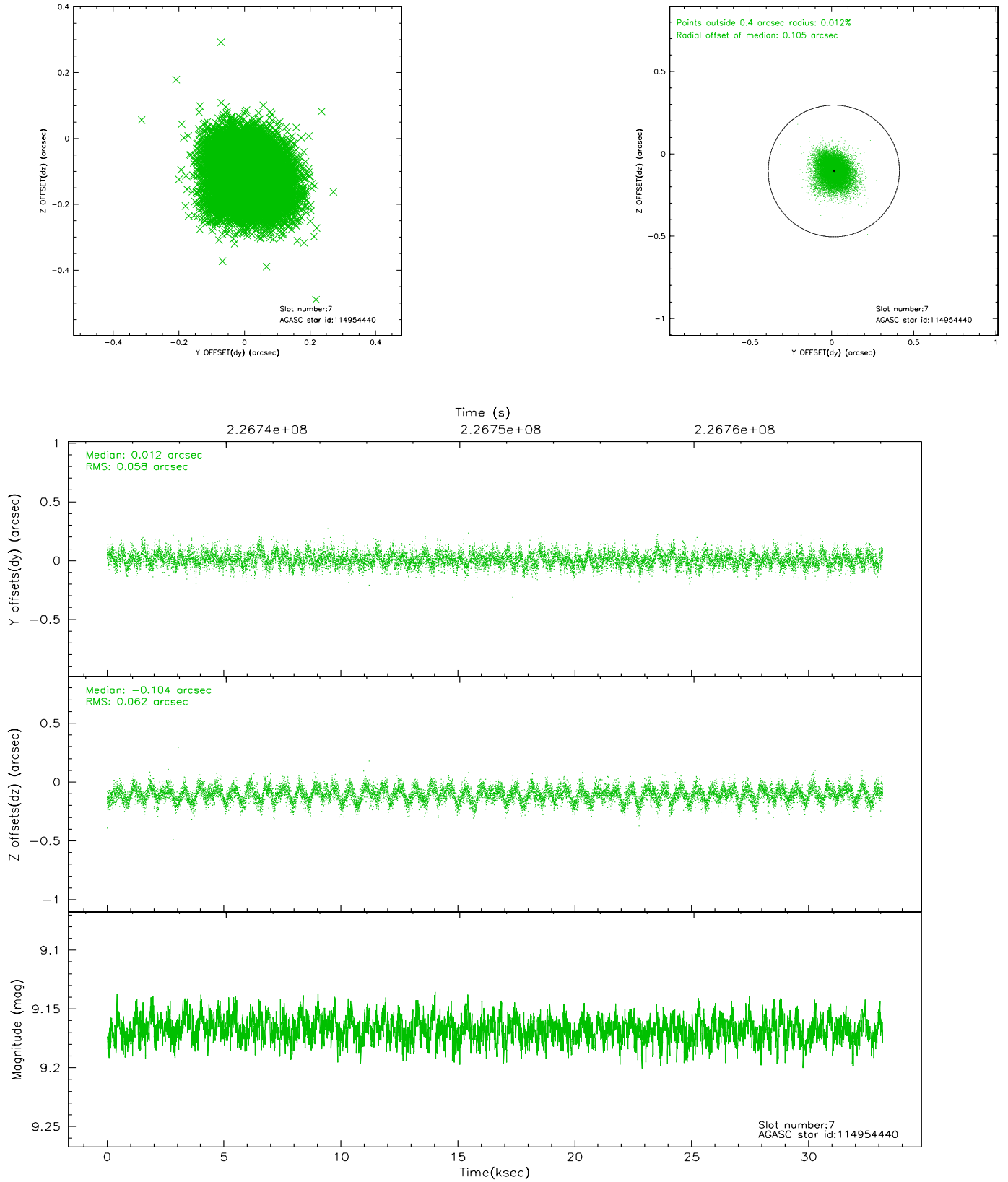
2.4.3 Slot 5



2.4.4 Slot 6

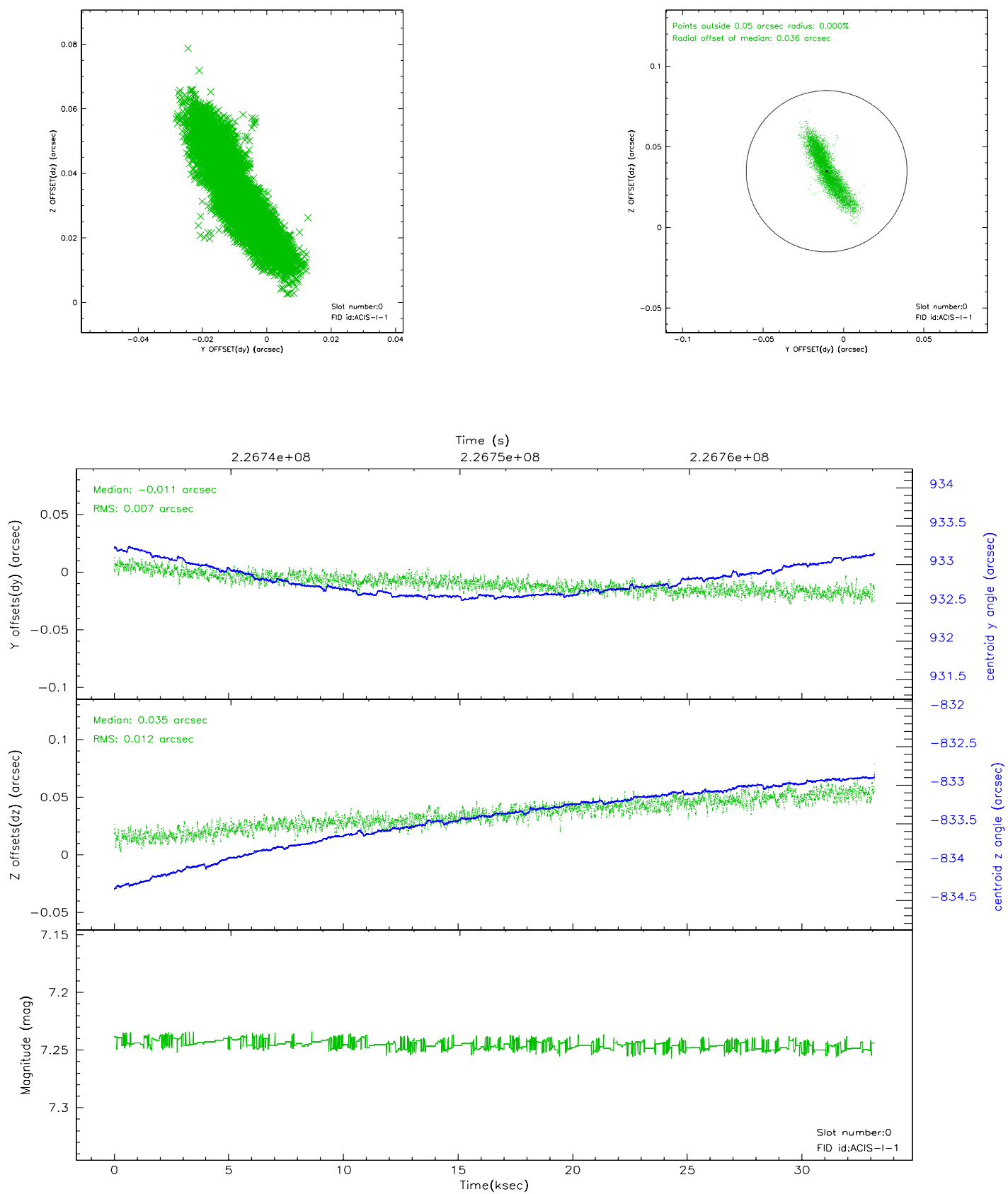


2.4.5 Slot 7

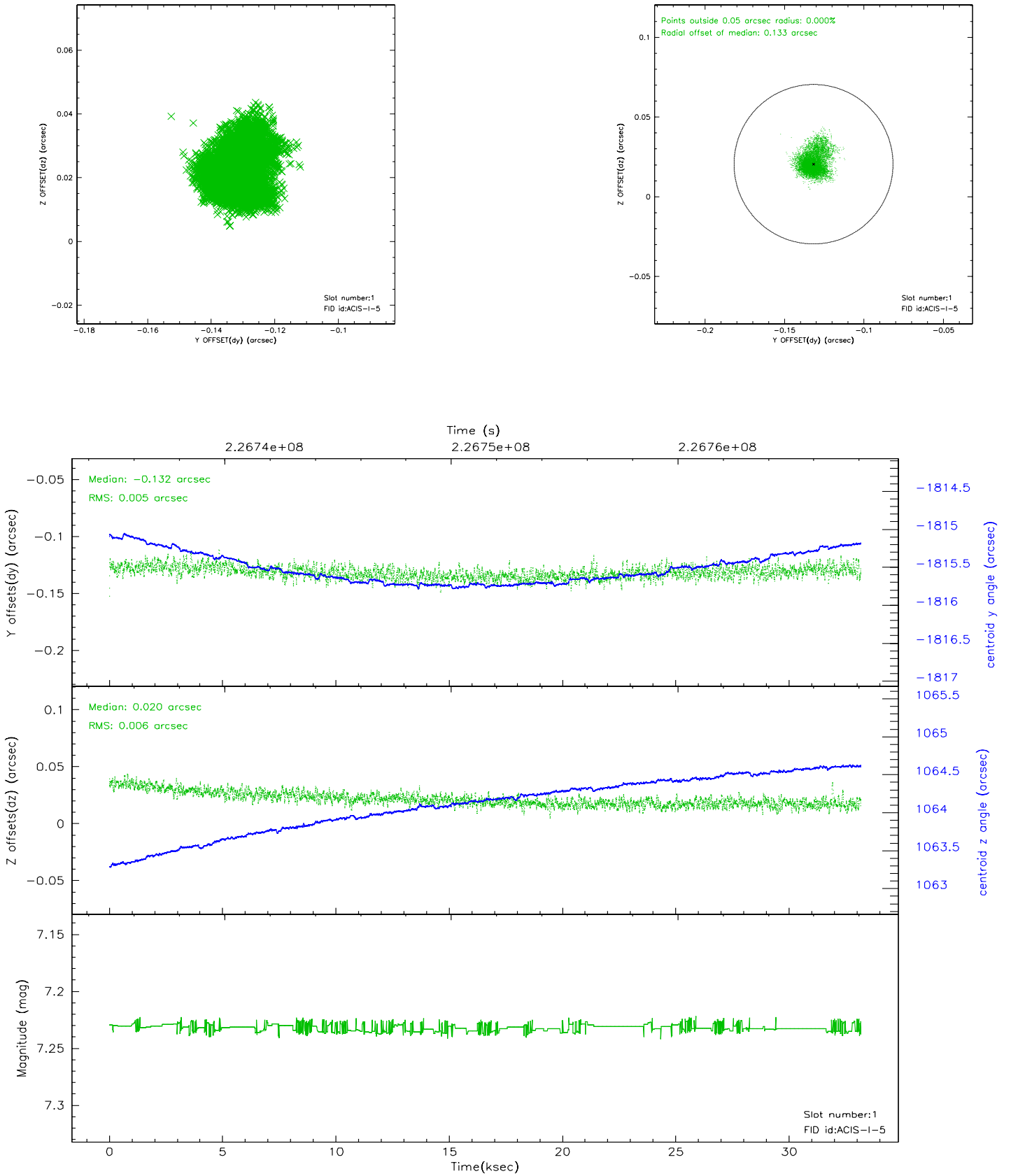


2.5 FID Slots

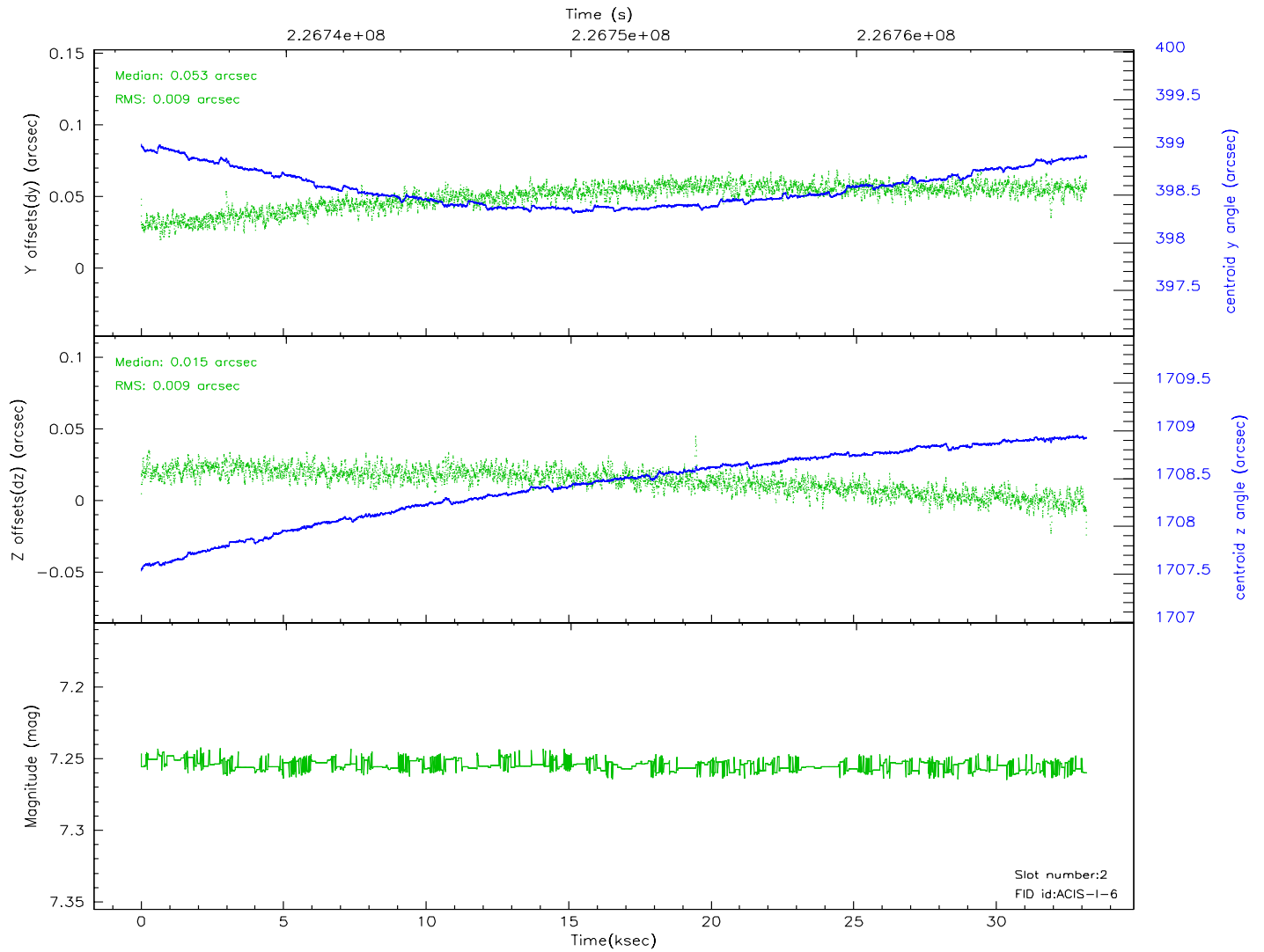
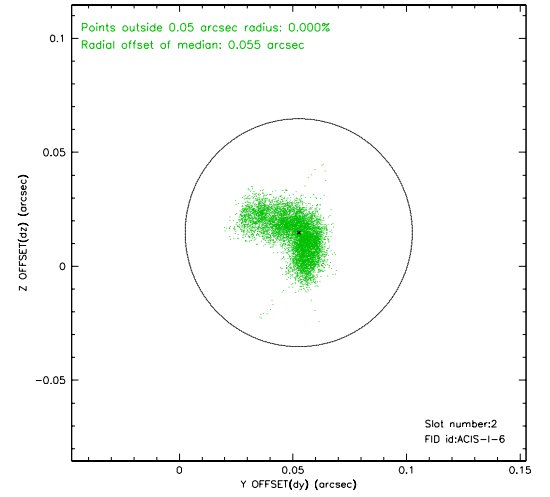
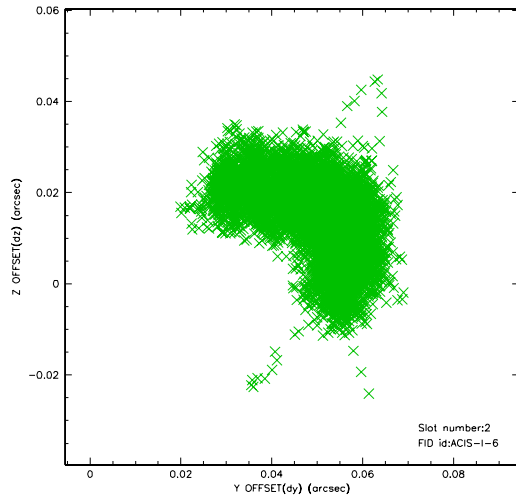
2.5.1 Slot 0



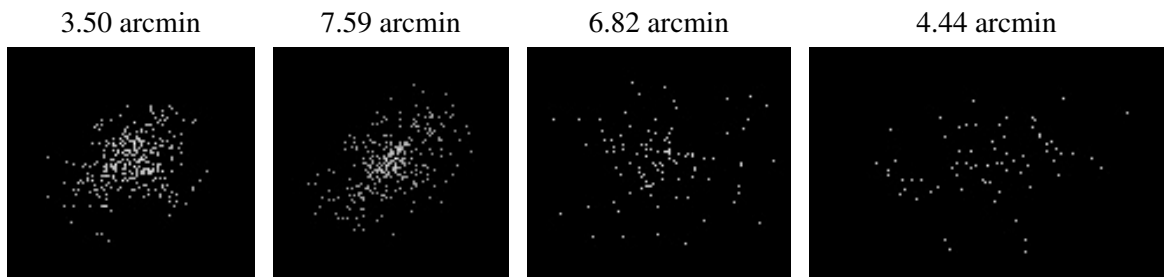
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.06235

A.2 Comments