

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3305 - L2 Version 001
Chandra X-Ray Center

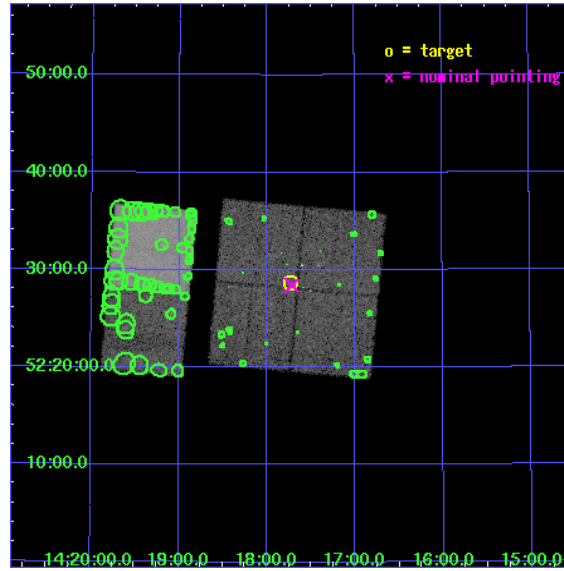
L2 Processing Date : Sep 30 2006

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1 Front

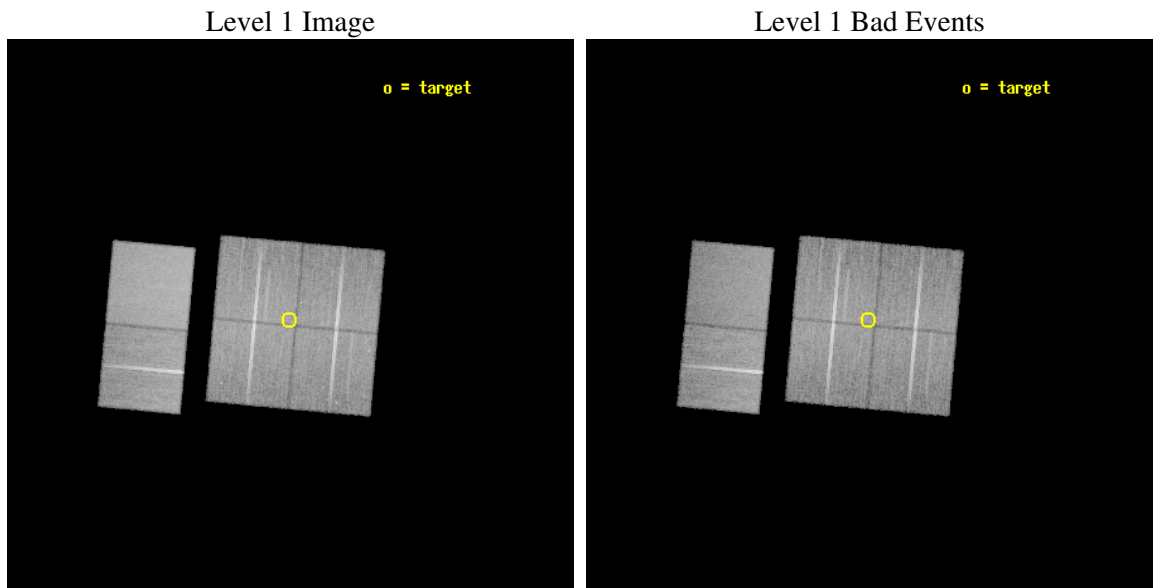
seq_num	900144
obs_id	3305
title	THE X-RAY UNIVERSE AT HIGH REDSHIFT
observer	Professor Kirpal Nandra
object	GROTH-WESTPHAL FIELD
dtcycle	0
cycle	P
ra_targ	214.431667
dec_targ	52.478111
ra_nom	214.42932159889
dec_nom	52.47366950146
roll_nom	275.25626033644
revision	2
ontime	29779.199889064
livetime	29402.117729187
ontime0	29779.199889064
ontime1	29775.95891881
ontime2	29775.958948702
ontime3	29779.199889064
ontime6	29775.958958715
ontime7	29779.199889064
l2events	190459



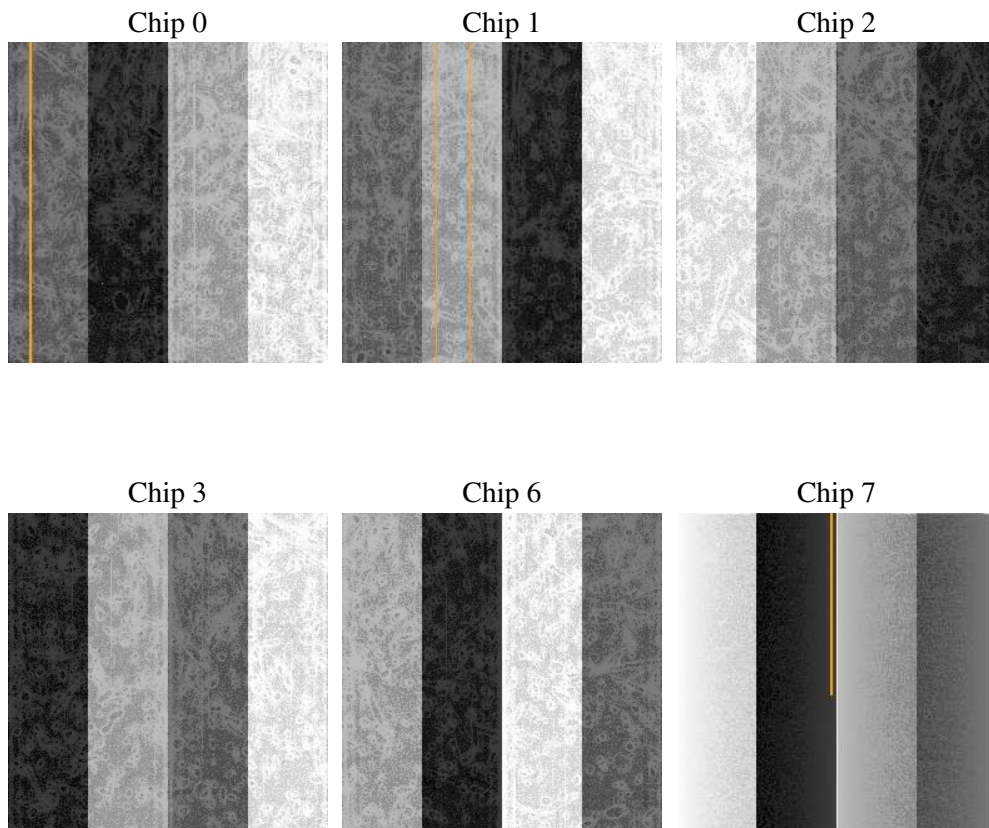
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-30T13:26:37
revision	2

sched_exp_time	29759.799000
ontime	29784.789766937
ontime0	29784.789766937
ontime1	29781.548796684
ontime2	29781.548826575
ontime3	29784.789766937
ontime6	29781.548836589
ontime7	29784.789766937
l1events	1155085

2.1.4 Events

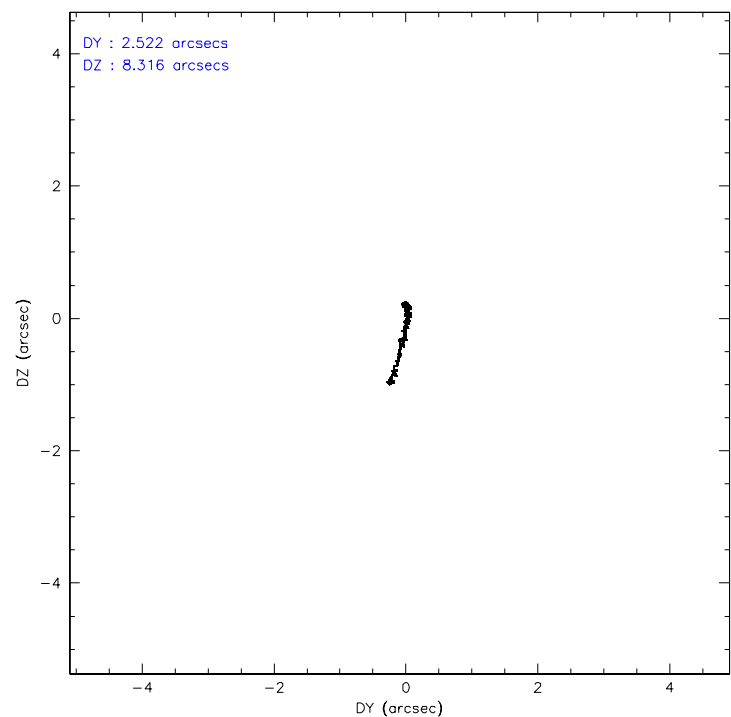
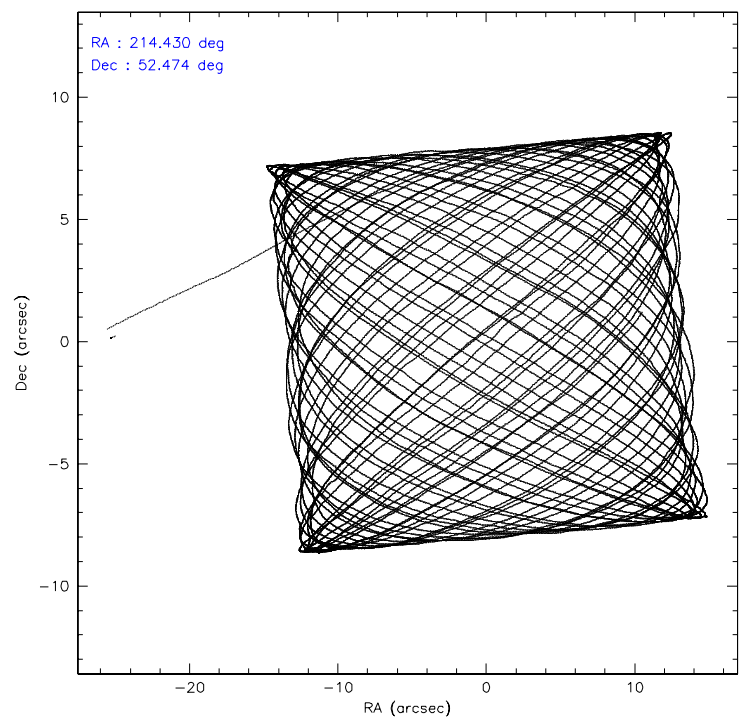
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	171184	172283	182925	186086	193981	248626
rejected events	148451	148589	160633	164486	171673	152788
rejected %	86%	86%	87%	88%	88%	61%

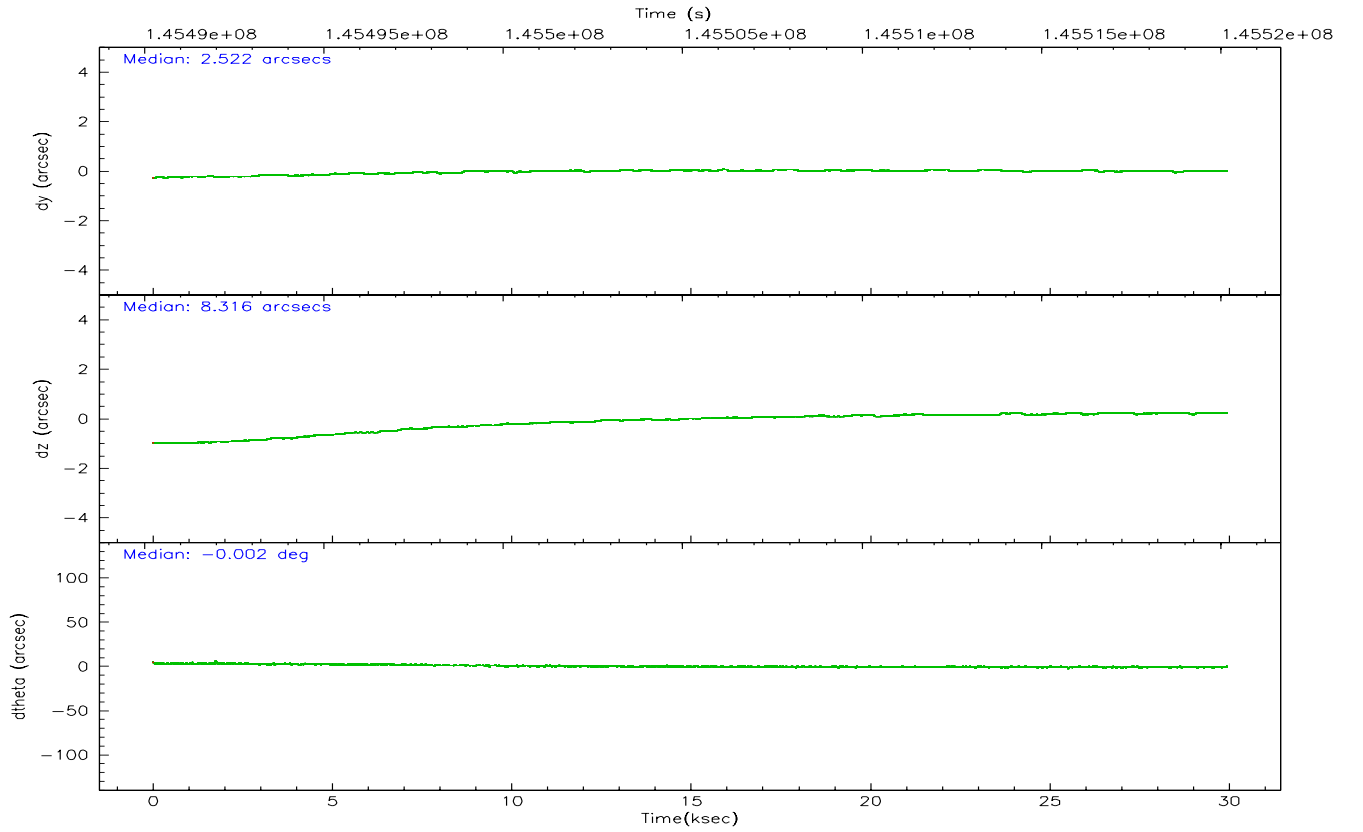
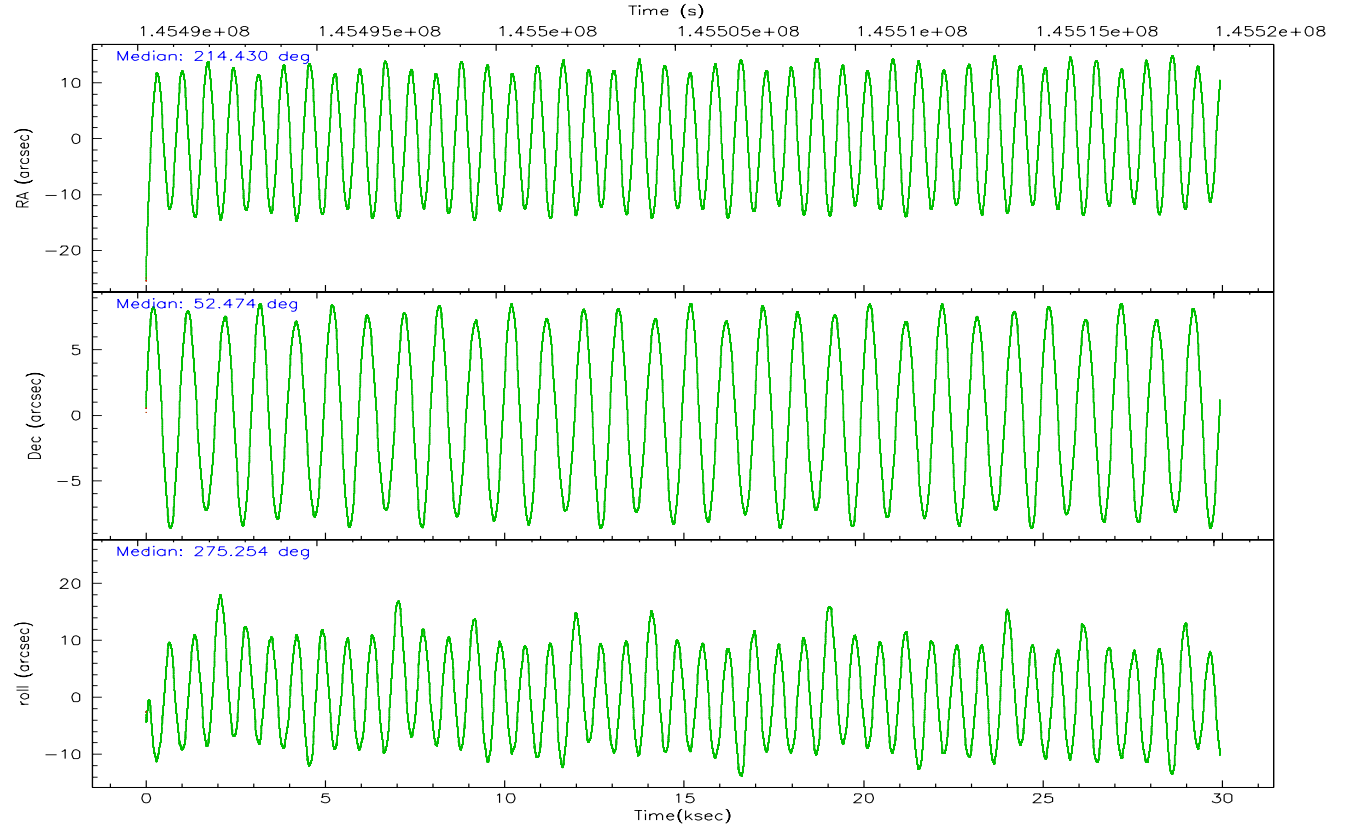
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	10003	9675	10137	9620	8859	5874
	5%	5%	5%	5%	4%	2%
grade 1 events	93	89	118	116	95	141
	0%	0%	0%	0%	0%	0%
grade 2 events	4709	4948	4371	4141	4606	23263
	2%	2%	2%	2%	2%	9%
grade 3 events	2179	2353	2070	2131	2182	4912
	1%	1%	1%	1%	1%	1%
grade 4 events	2056	2343	2158	2126	2197	4780
	1%	1%	1%	1%	1%	1%
grade 5 events	7272	7553	7064	7865	8465	16092
	4%	4%	3%	4%	4%	6%
grade 6 events	3790	4377	3560	3585	4465	57033
	2%	2%	1%	1%	2%	22%
grade 7 events	141082	140945	153447	156502	163112	136531
	82%	81%	83%	84%	84%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	214.403240	214.4293215988944	Subarray requested	NONE	NONE
Pointing Dec	52.495987	52.47366950145977	Alternating exposures requested	N	N
Pointing Roll	275.068273	275.2562603364425	Primary exposure time	0.000000	3.2
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	145490425.184000	145489437.02027			
Observation start date	2002-08-11T21:59:21	2002-08-11T21:43:57			
Observation end time	145520184.184000	145520499.13405			
Observation end date	2002-08-12T06:15:20	2002-08-12T06:21:39			
Read mode	TIMED	TIMED			

2.3 Aspect



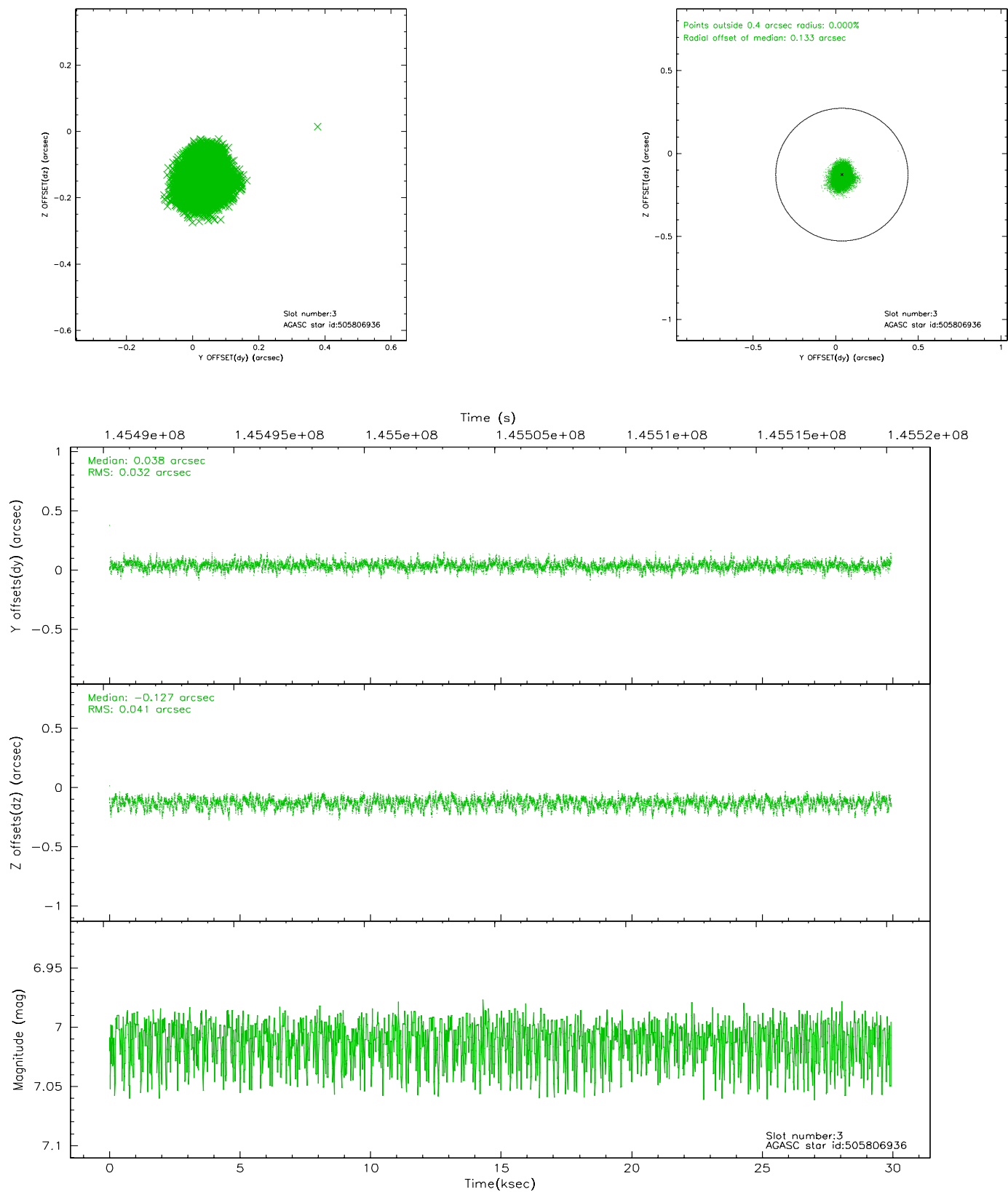


Slot Statistics

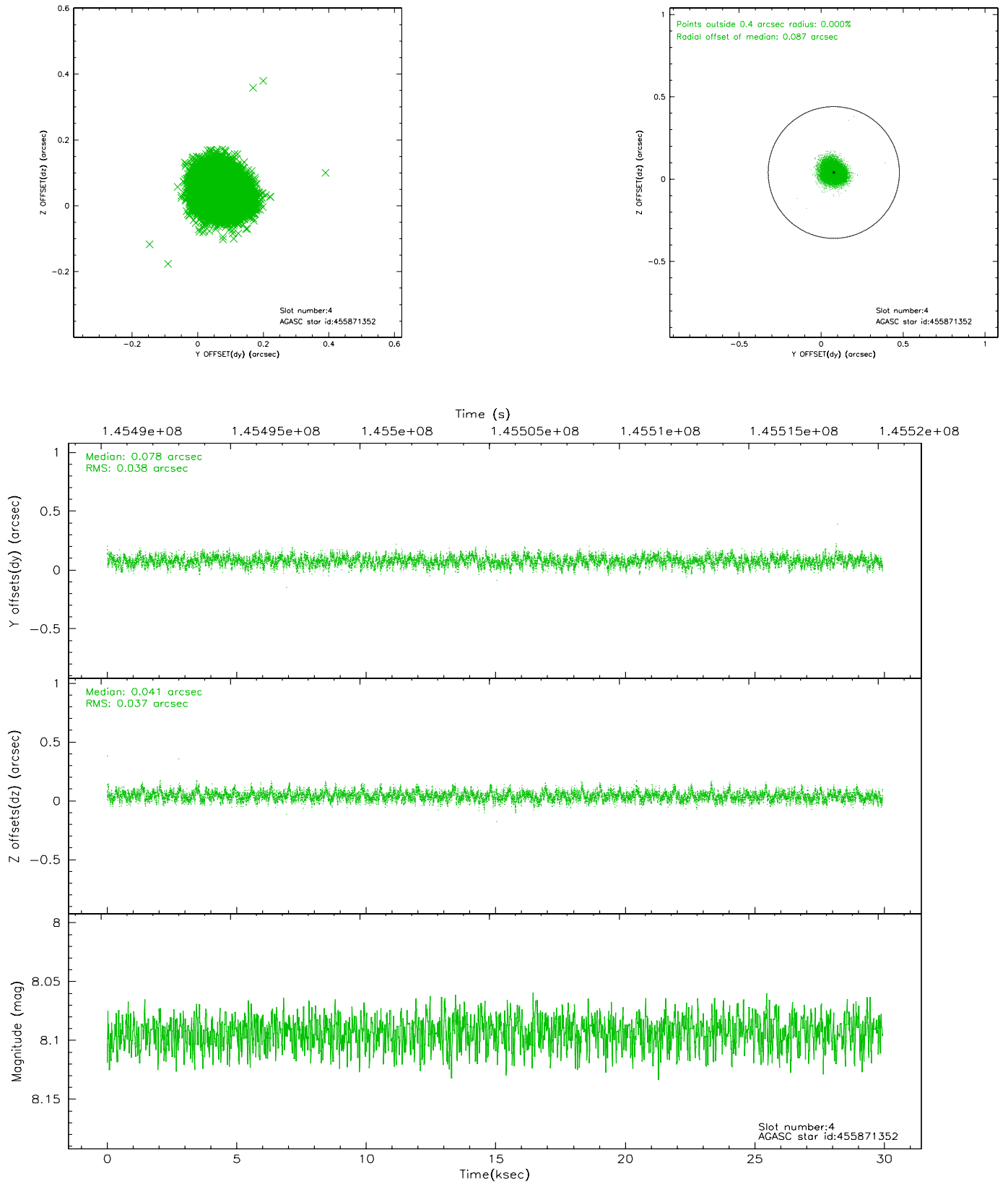
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	7306	-0.050	0.093	0.014	0.041	0.000000	0.000000	937.26	-831.51
1	FID	ACIS-I-5	7.24	7305	-0.012	0.024	0.011	0.021	0.000000	0.000000	-1810.75	1065.90
2	FID	ACIS-I-6	7.26	7306	-0.030	-0.045	0.010	0.023	0.000000	0.000000	402.76	1710.40
3	GUIDE	505806936	7.01	14610	0.038	-0.127	0.055	0.091	213.820815	52.535927	-260.74	-1257.84
4	GUIDE	455871352	8.09	14608	0.078	0.041	0.057	0.091	215.099961	52.172669	1288.13	1429.56
5	GUIDE	505812376	7.61	14610	-0.152	0.008	0.055	0.086	214.039537	52.937930	-1656.32	-645.76
6	GUIDE	505808024	9.05	14605	0.009	0.010	0.067	0.108	213.832794	52.669095	-735.55	-1185.53
7	GUIDE	455872024	9.35	14593	0.029	0.073	0.094	0.152	215.329595	52.026605	1851.52	1895.38

2.4 Star Slots

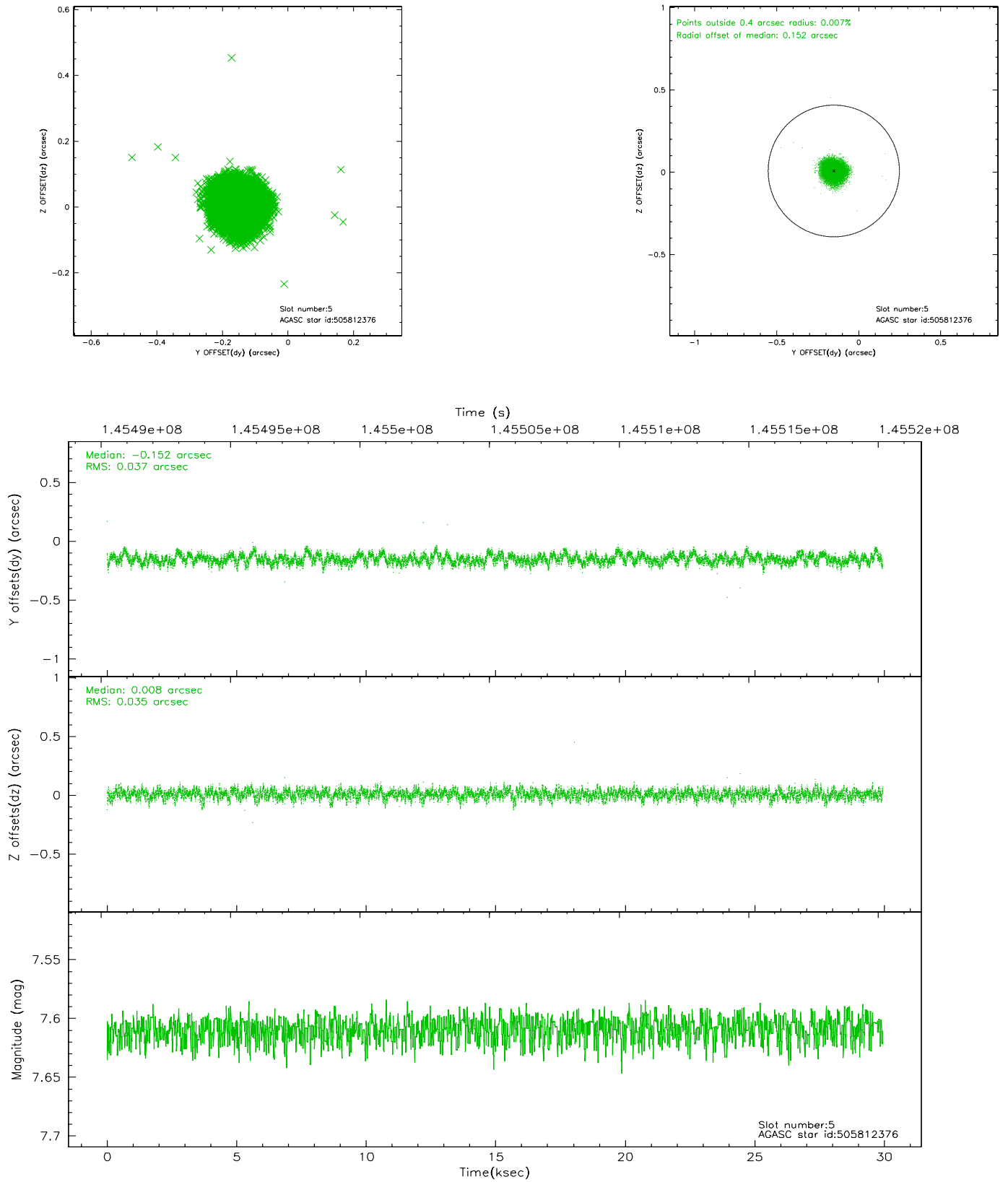
2.4.1 Slot 3



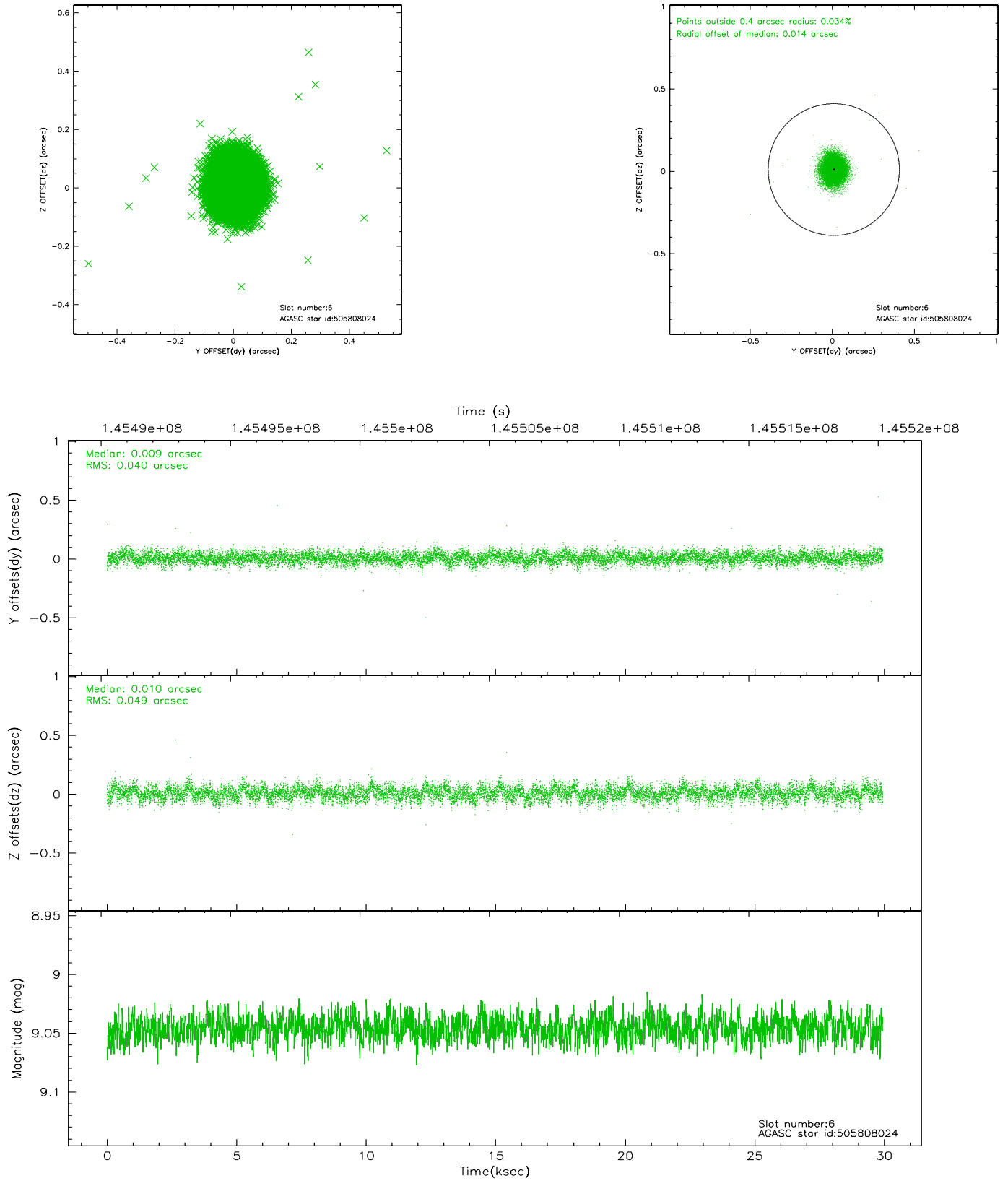
2.4.2 Slot 4



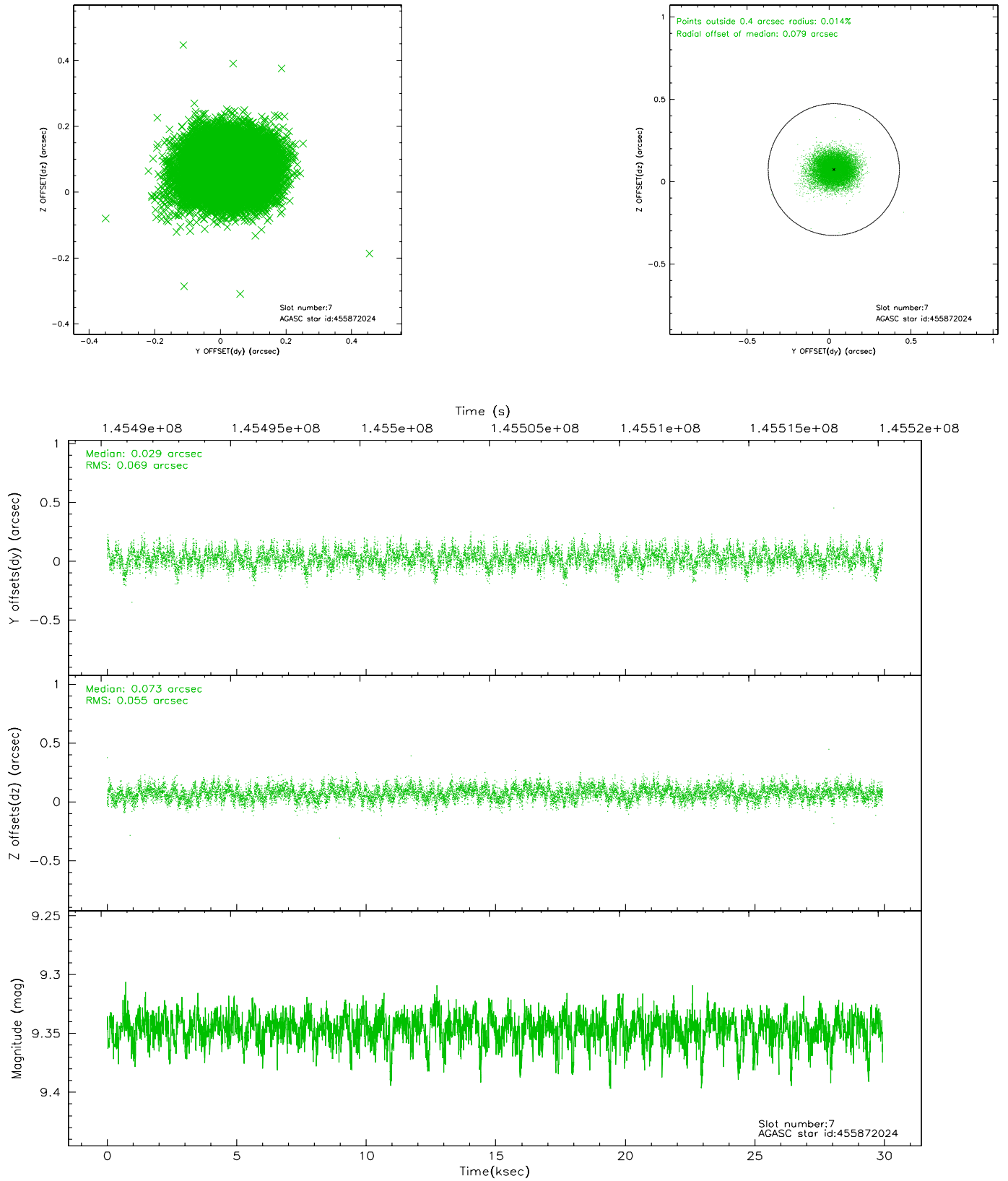
2.4.3 Slot 5



2.4.4 Slot 6

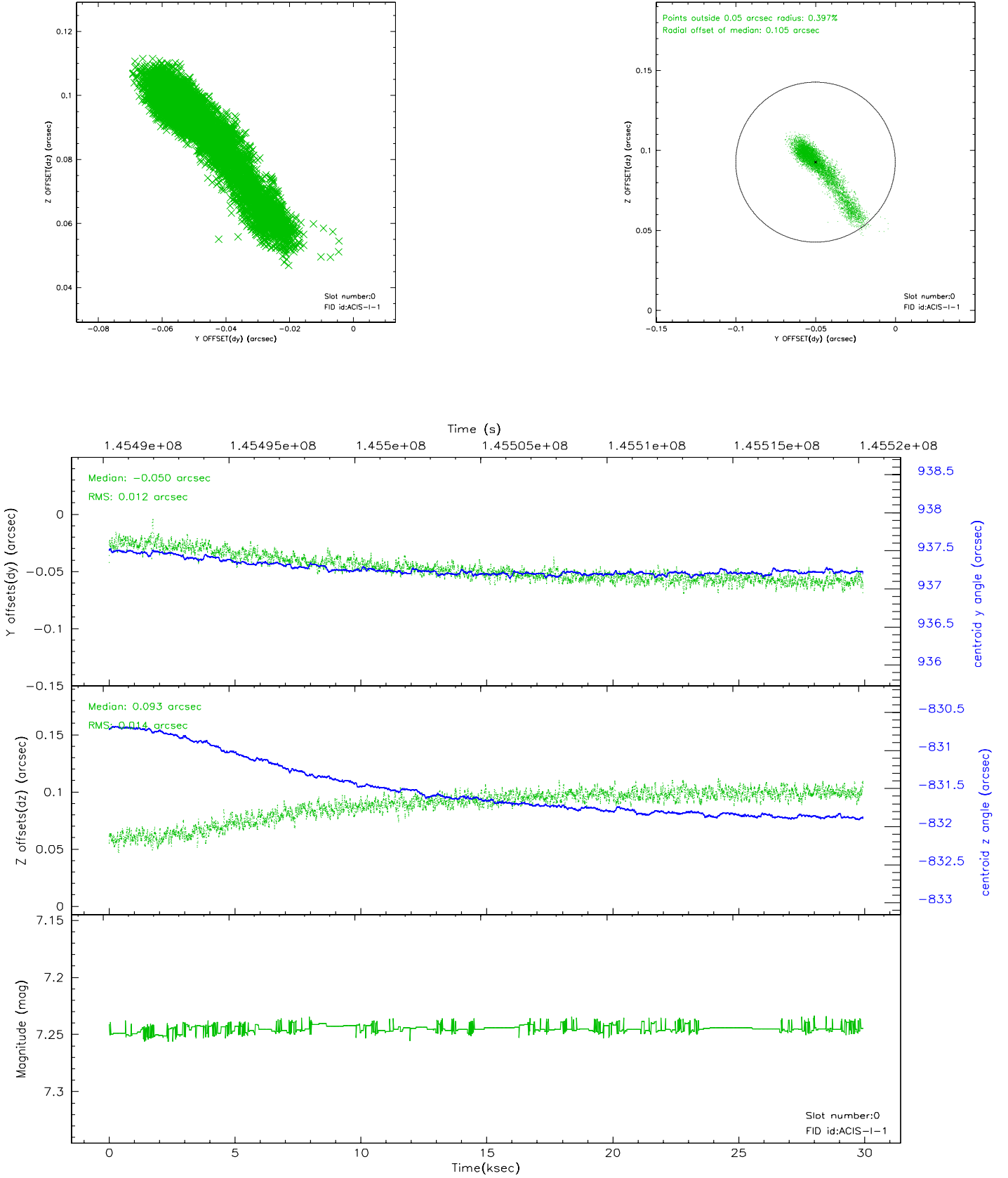


2.4.5 Slot 7

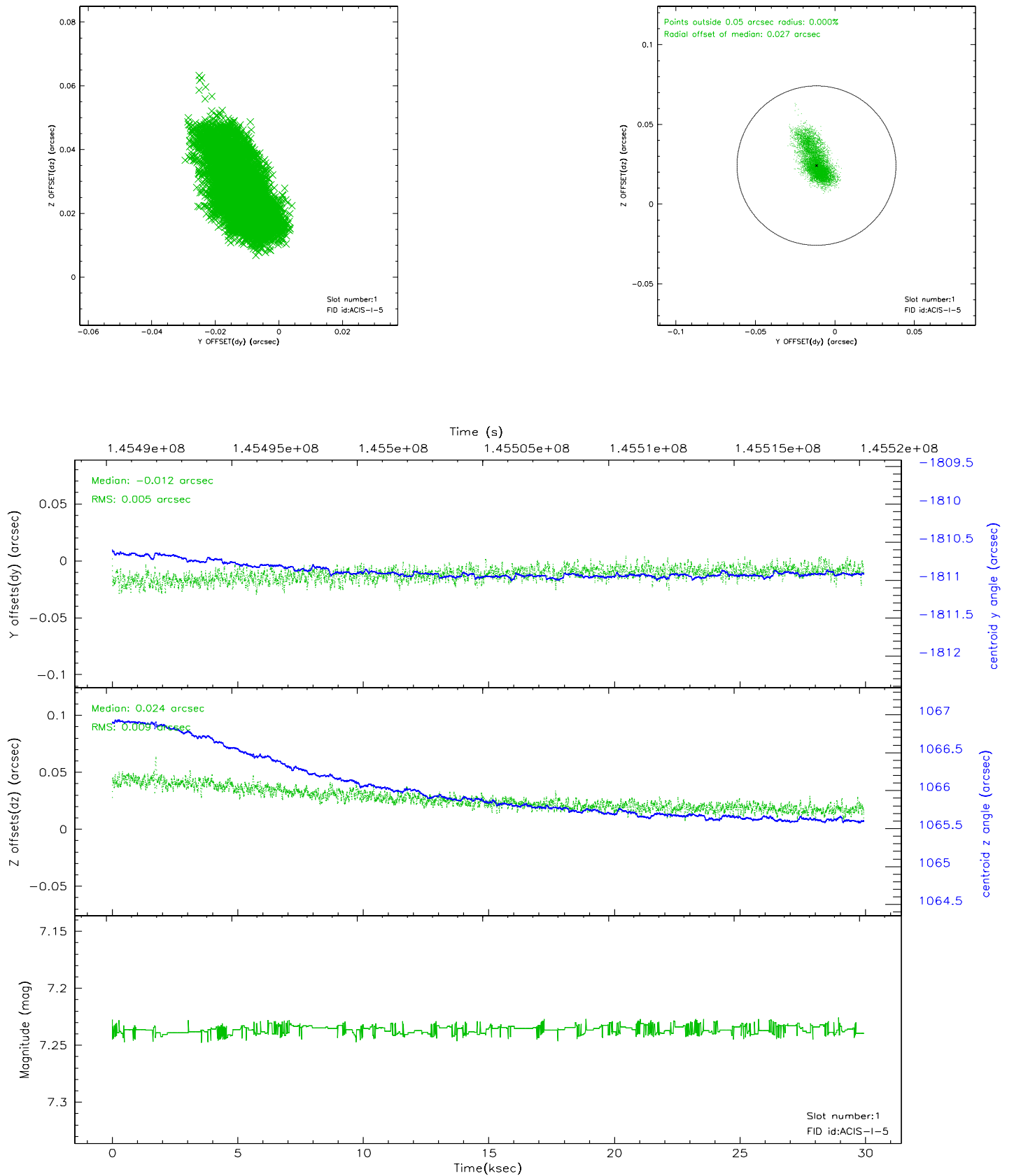


2.5 FID Slots

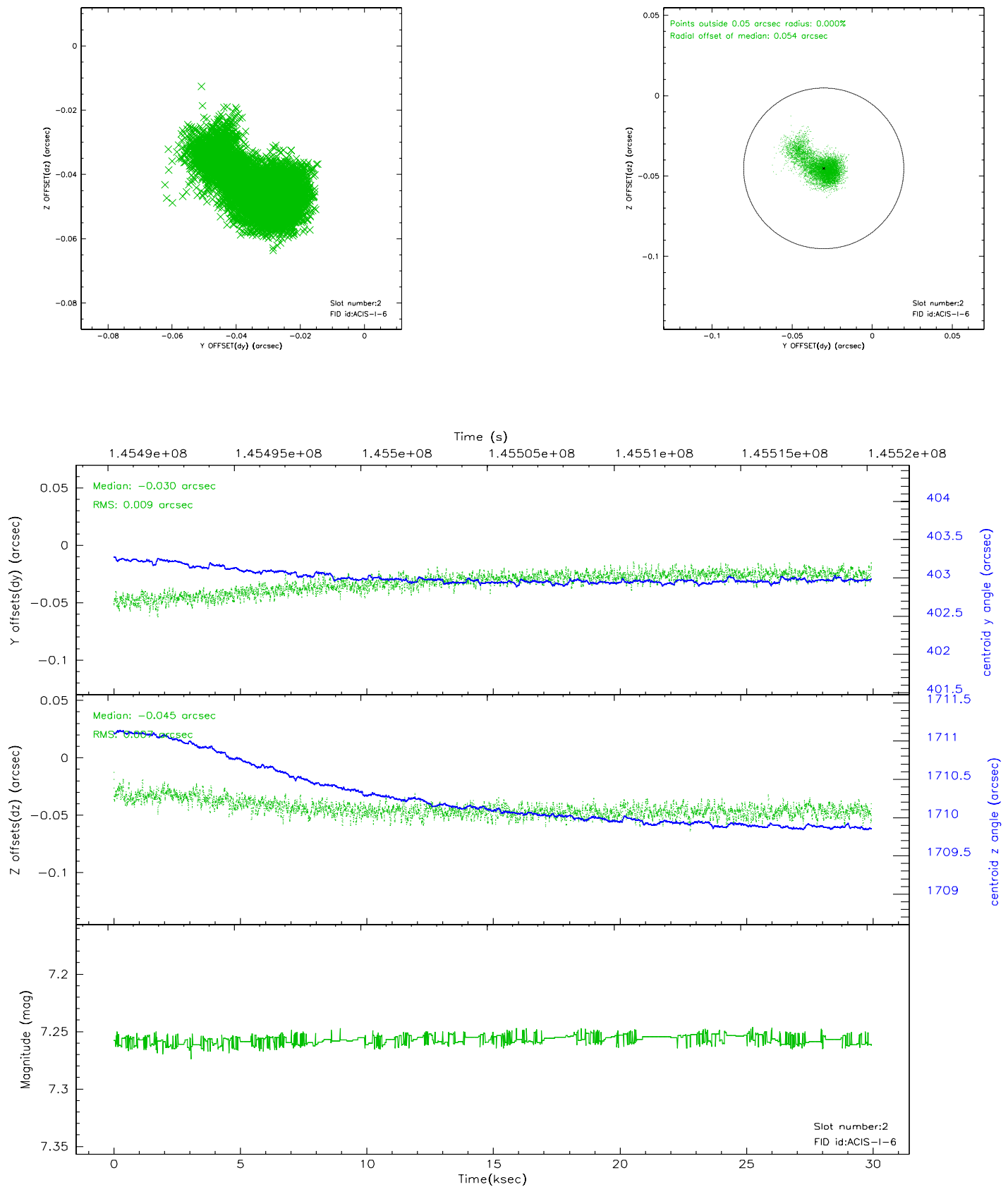
2.5.1 Slot 0



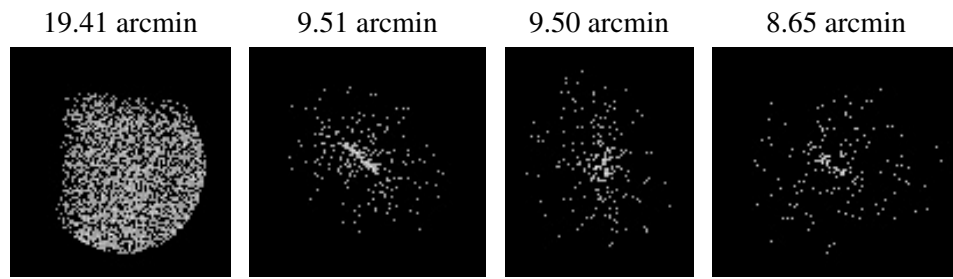
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.782

A.2 Comments