

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6212 - L2 Version 002
Chandra X-Ray Center

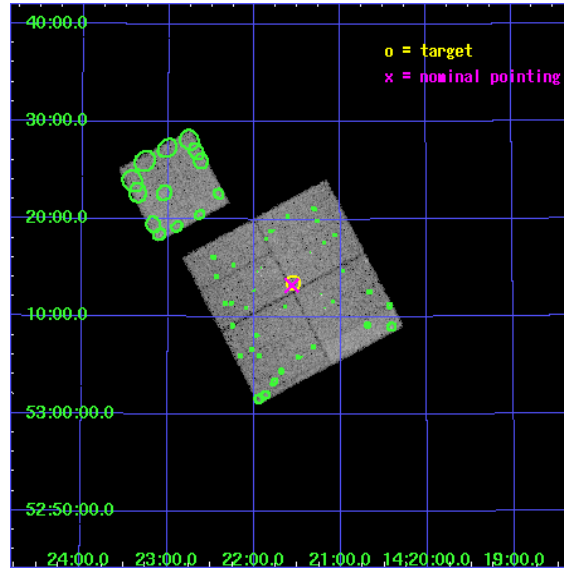
L2 Processing Date : Mar 31 2006

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1 Front

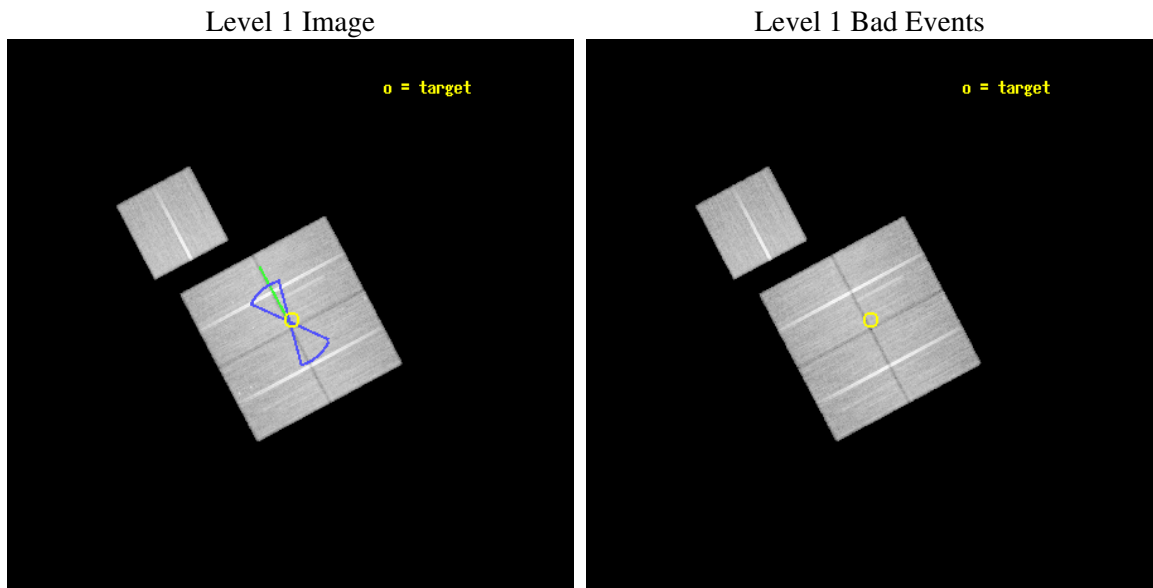
seq_num	900349
obs_id	6212
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-2
dtcycle	0
cycle	P
ra_targ	215.386246
dec_targ	53.224361
ra_nom	215.39108906538
dec_nom	53.220762139358
roll_nom	331.99856235394
revision	2
ontime	46896.717929393
livetime	46283.977784784
ontime0	46896.717979252
ontime1	46902.999909818
ontime2	46899.858949572
ontime3	46896.717929393
ontime6	46896.717959404
l2events	125899



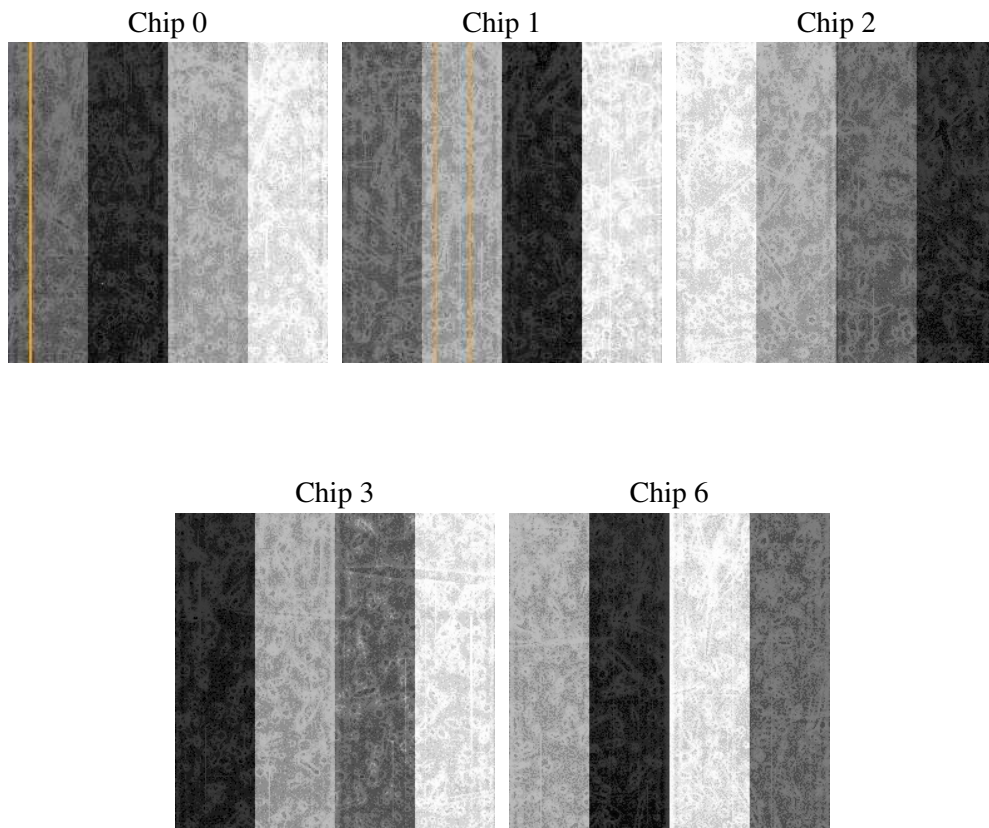
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-31T18:06:00
revision	2

sched_exp_time	47130.219000
ontime	46901.463478506
ontime0	46901.463508457
ontime1	46907.745458931
ontime2	46904.604478776
ontime3	46901.463478506
ontime6	46901.463508517
llevents	1443595

2.1.4 Events

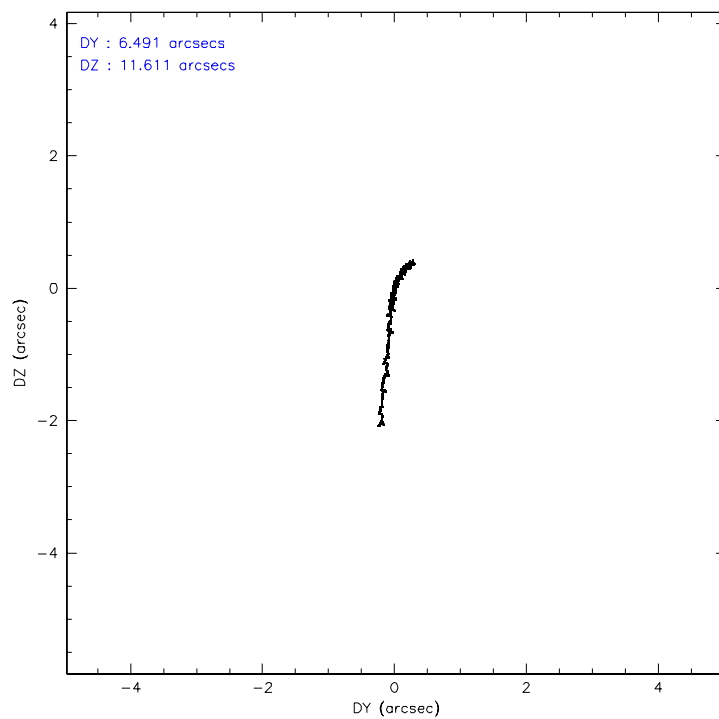
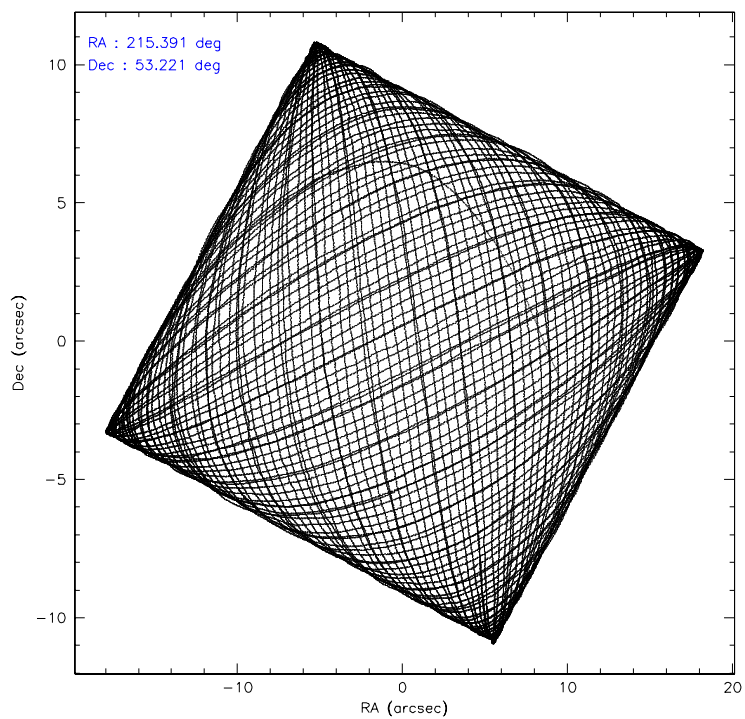
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	278841	279070	305800	288789	291095
rejected events	248799	245932	276422	260681	260751
rejected %	89%	88%	90%	90%	89%

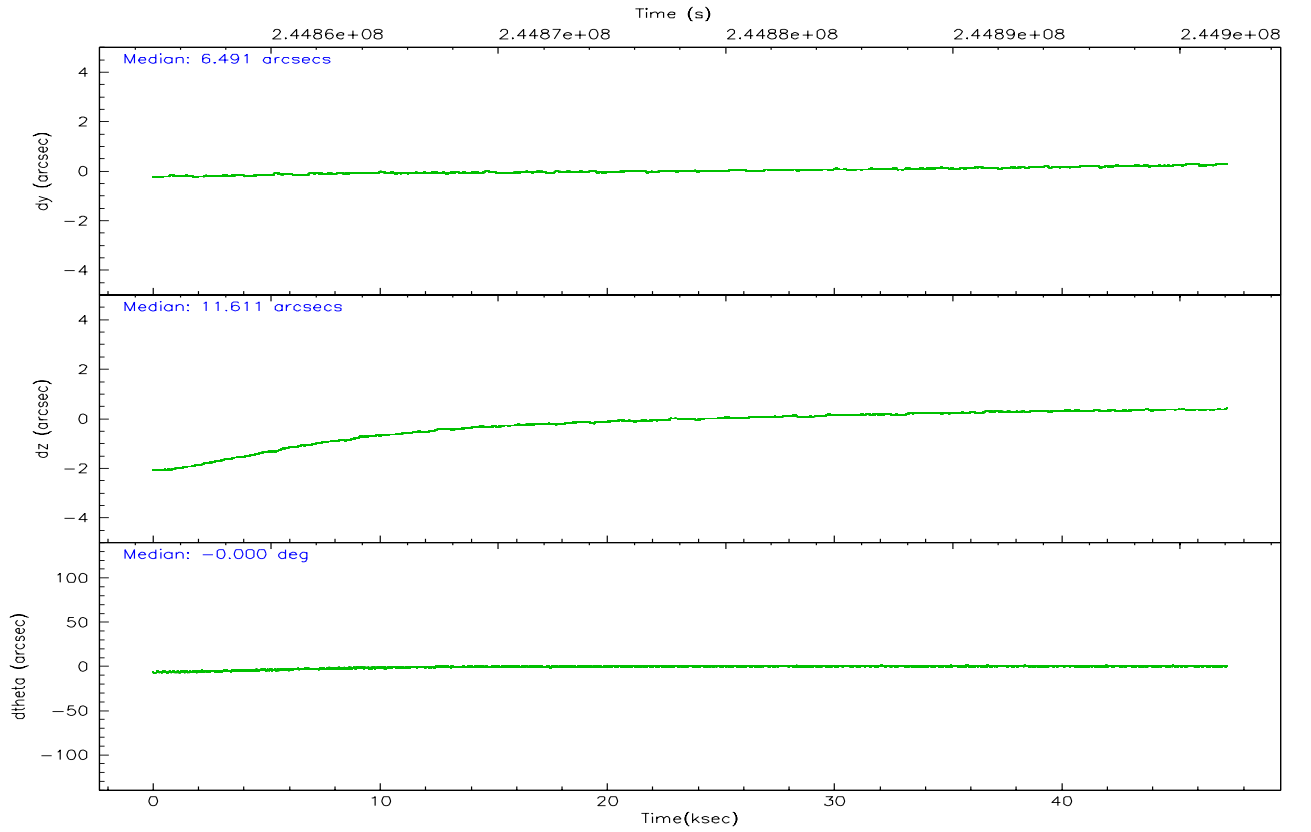
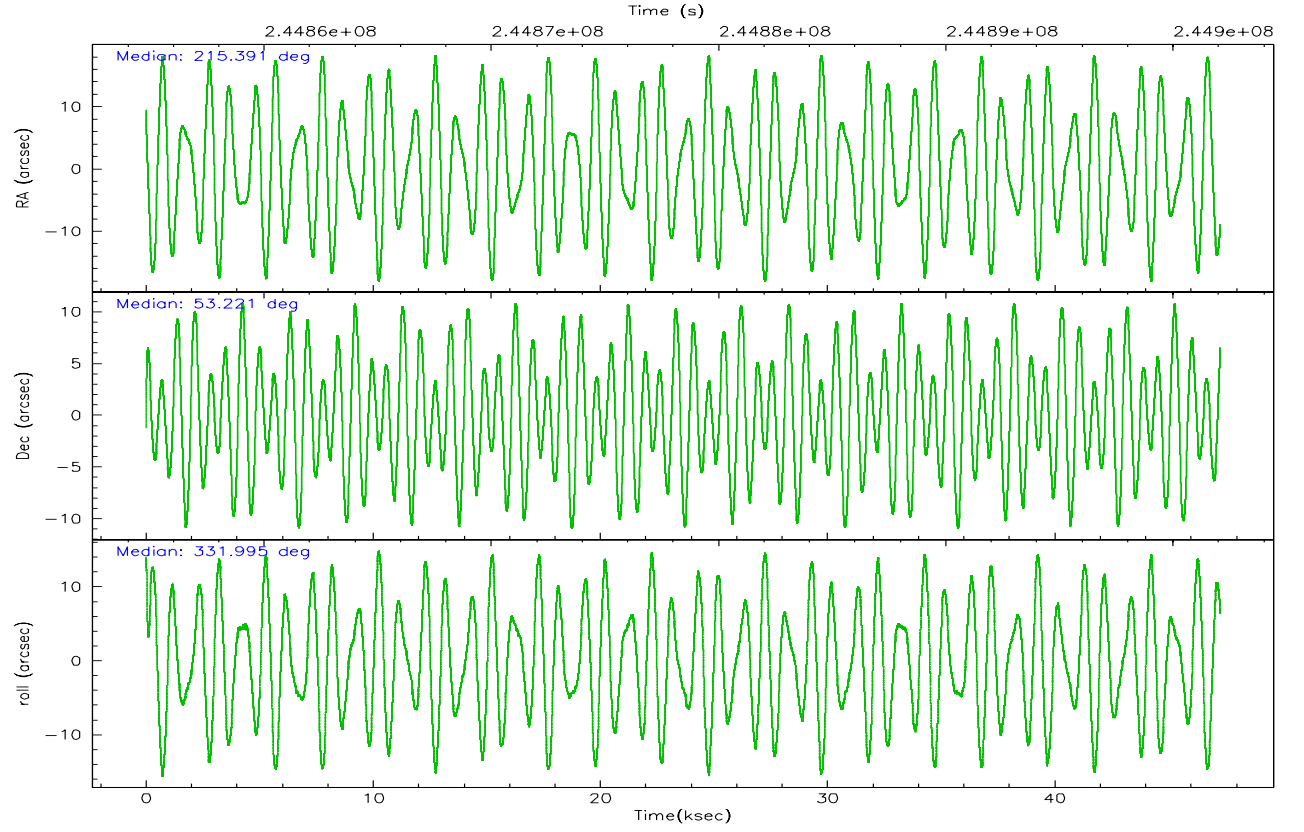
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	10645	12071	10694	9920	10430
	3%	4%	3%	3%	3%
grade 1 events	140	165	154	143	127
	0%	0%	0%	0%	0%
grade 2 events	7221	7329	6867	6267	6615
	2%	2%	2%	2%	2%
grade 3 events	3361	3571	3202	3109	3416
	1%	1%	1%	1%	1%
grade 4 events	3136	3538	3207	3102	3423
	1%	1%	1%	1%	1%
grade 5 events	9841	11482	9639	11918	11969
	3%	4%	3%	4%	4%
grade 6 events	5688	6639	5412	5715	6463
	2%	2%	1%	1%	2%
grade 7 events	238809	234275	266625	248615	248652
	85%	83%	87%	86%	85%

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	215.345428	215.3910890653848	Alternating exposures requested	N	N
Pointing Dec	53.219694	53.22076213935778	Primary exposure time	0.000000	3.1
Pointing Roll	331.826444	331.9985623539355			
Roll angle	50.756000	50.756000			
Roll tolerance	25.000000	25.000000			
Roll constraint allows 180D rotation	Y	Y			
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	244854952.184000	244853766.48972			
Observation start date	2005-10-04T23:14:48	2005-10-04T22:56:06			
Observation end time	244902082.184000	244902308.44195			
Observation end date	2005-10-05T12:20:18	2005-10-05T12:25:08			
Read mode	TIMED	TIMED			

2.3 Aspect



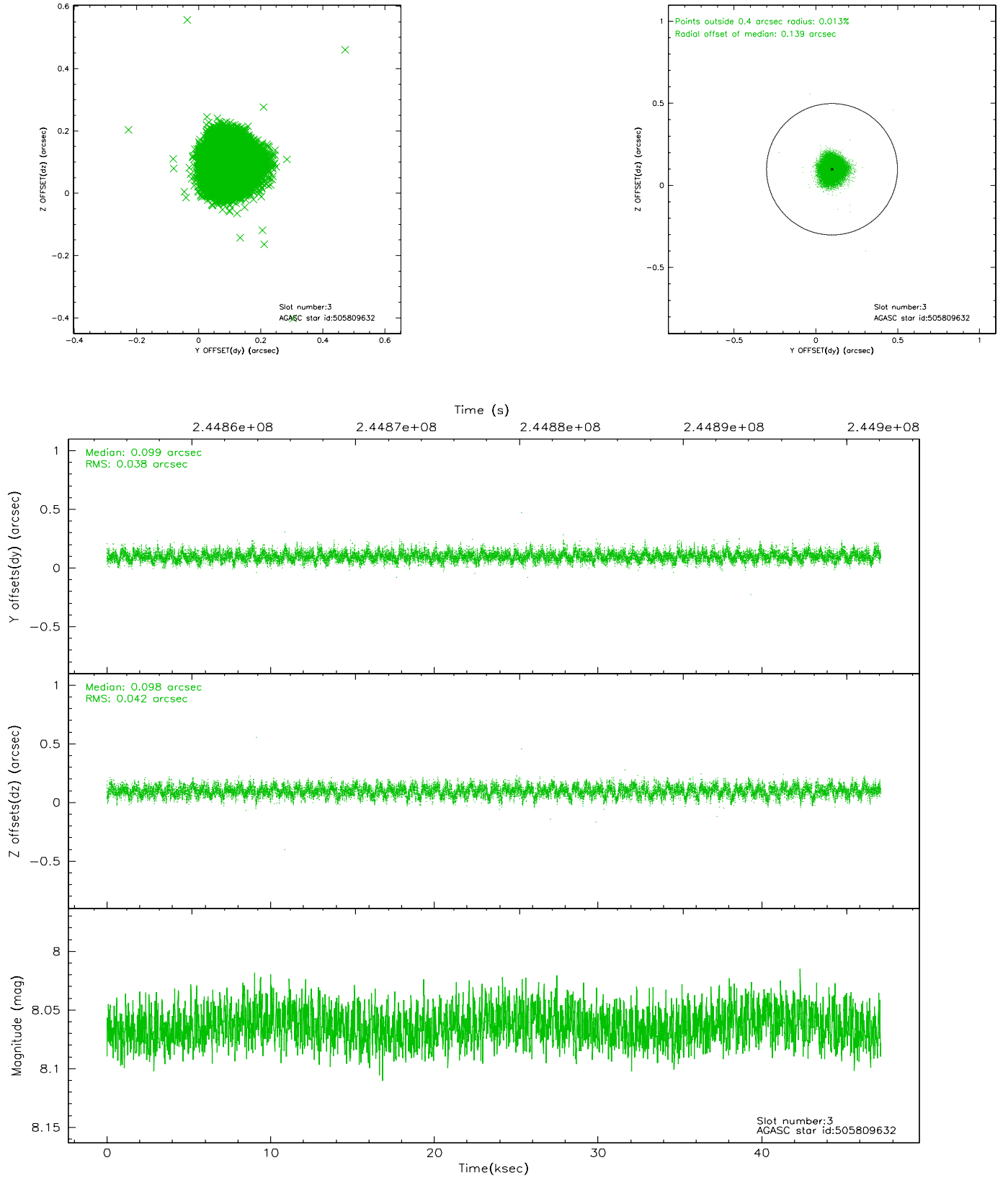


Slot Statistics

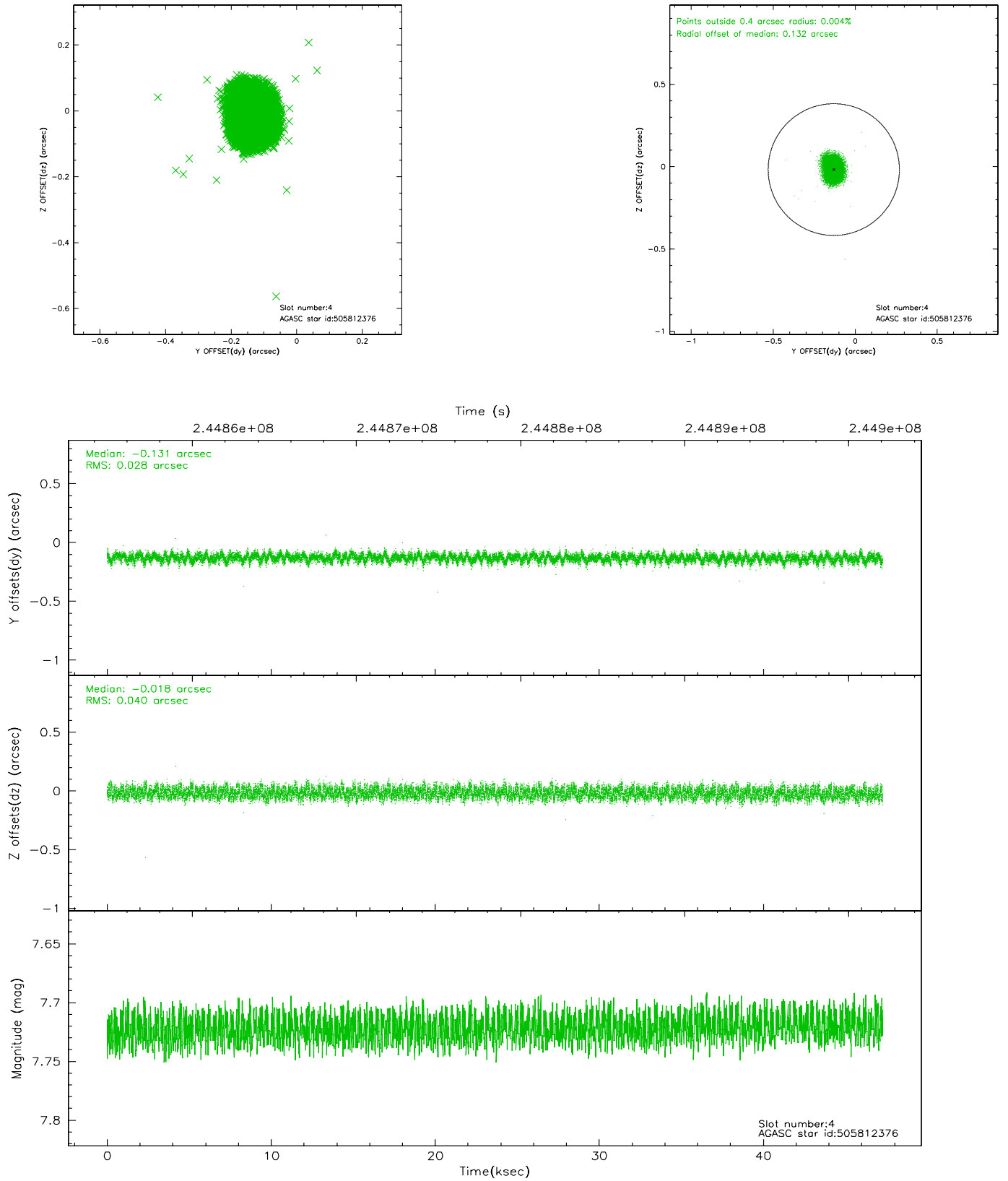
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	11532	0.027	0.003	0.011	0.052	0.000000	0.000000	933.18	-834.88
1	FID	ACIS-I-5	7.23	11533	-0.129	0.057	0.010	0.035	0.000000	0.000000	-1815.04	1062.72
2	FID	ACIS-I-6	7.25	11533	0.011	0.012	0.016	0.036	0.000000	0.000000	398.79	1707.12
3	GUIDE	505809632	8.06	23056	0.099	0.098	0.061	0.097	215.499426	53.521185	-221.92	1112.92
4	GUIDE	505812376	7.72	23066	-0.131	-0.018	0.052	0.083	214.039537	52.937930	-2030.76	-2209.10
5	GUIDE	505815088	7.28	23065	-0.048	-0.035	0.061	0.095	216.315963	53.584954	1201.35	2150.77
6	GUIDE	505815928	8.33	23059	0.013	0.041	0.063	0.097	216.234742	53.074559	1936.68	458.44
7	GUIDE	505812088	8.14	23062	0.063	-0.086	0.060	0.093	214.186617	53.263562	-2283.33	-1021.15

2.4 Star Slots

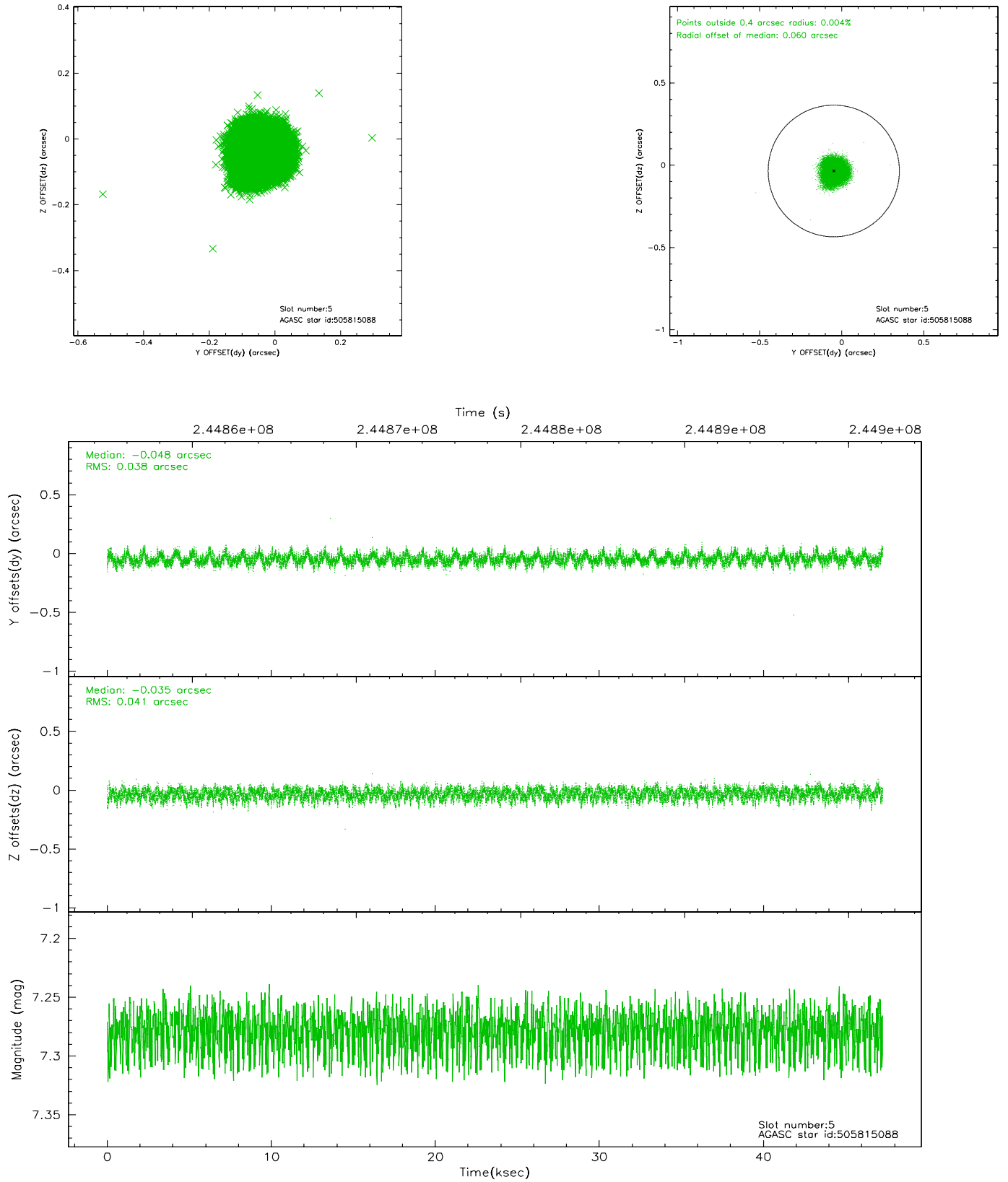
2.4.1 Slot 3



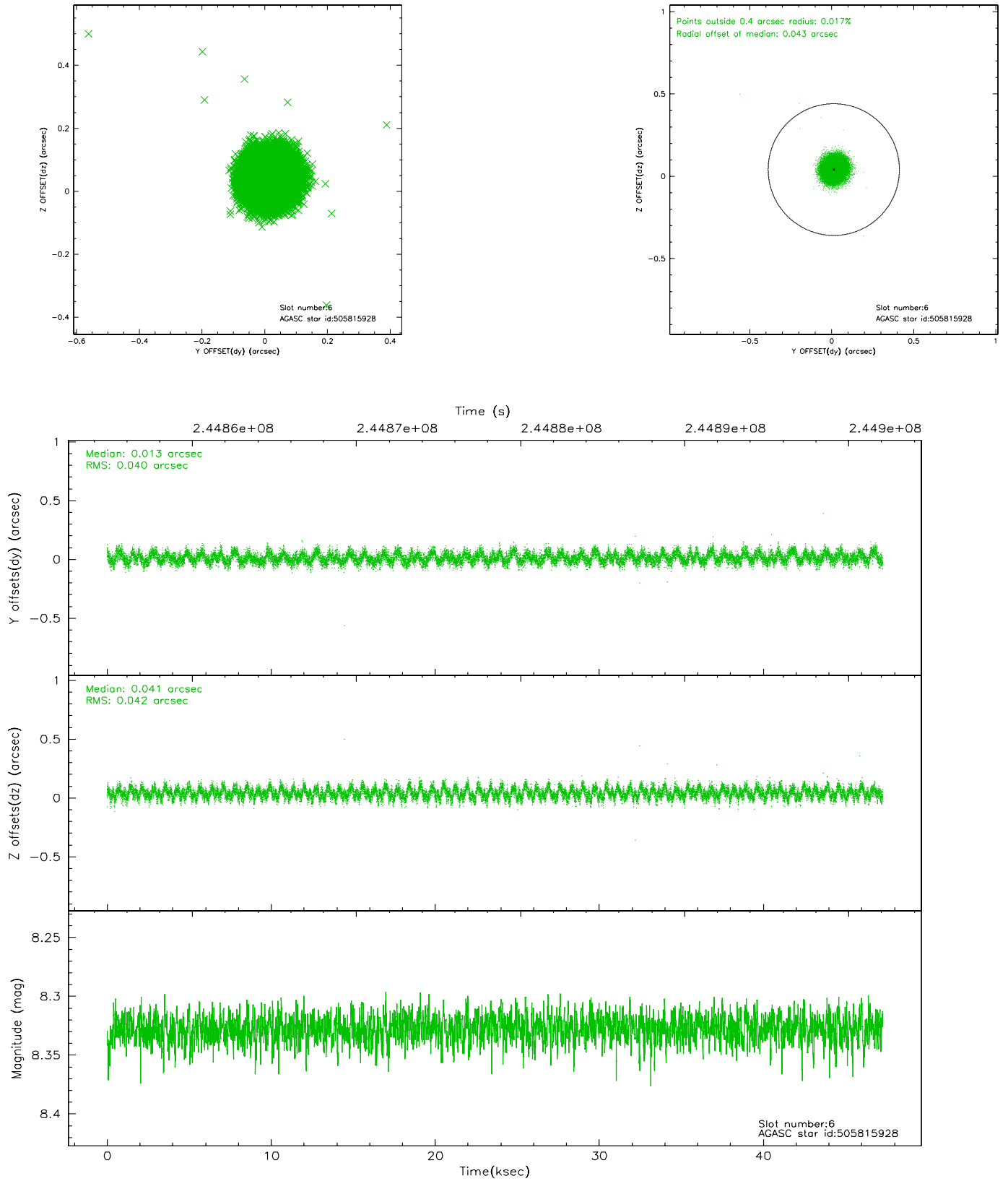
2.4.2 Slot 4



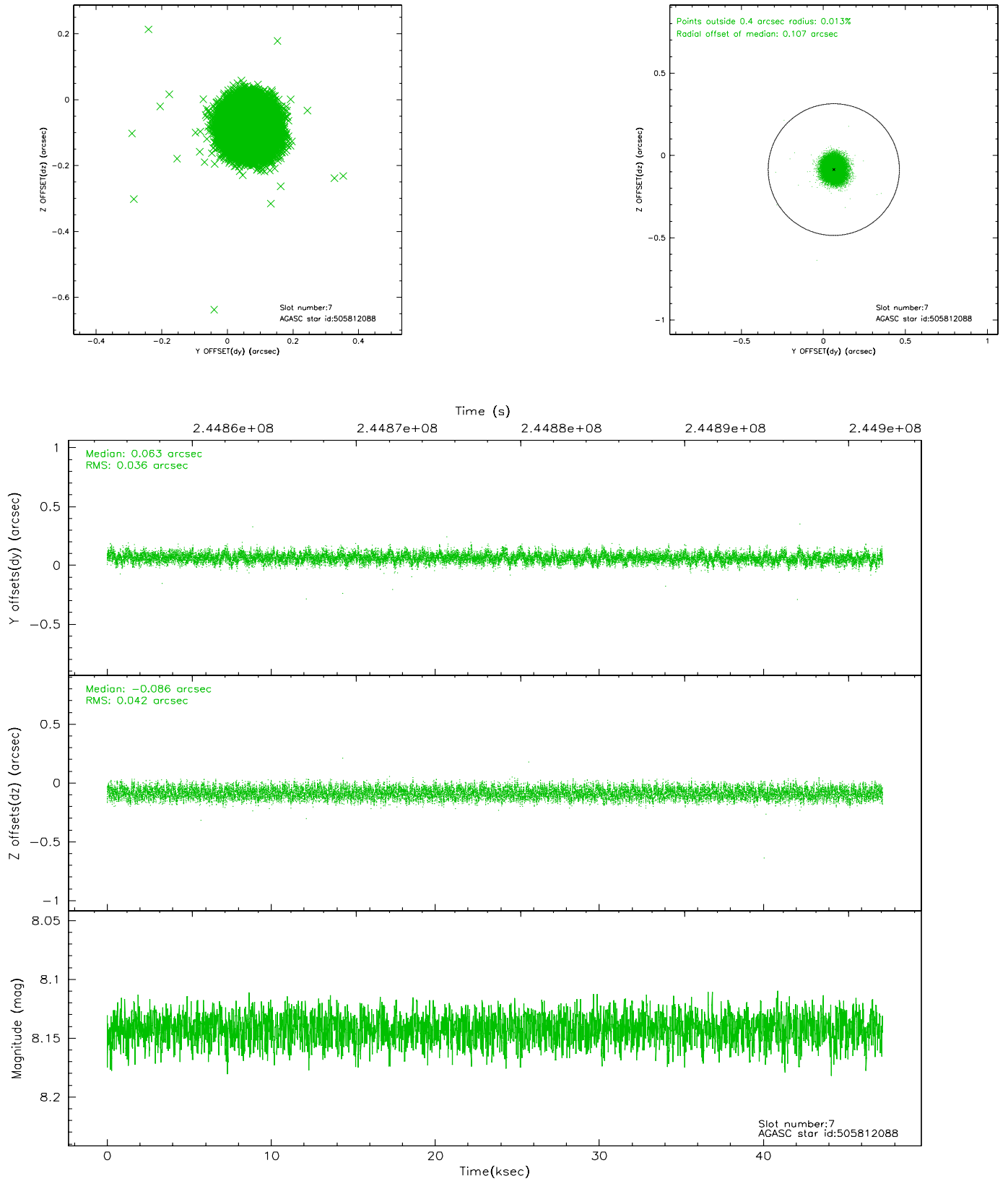
2.4.3 Slot 5



2.4.4 Slot 6

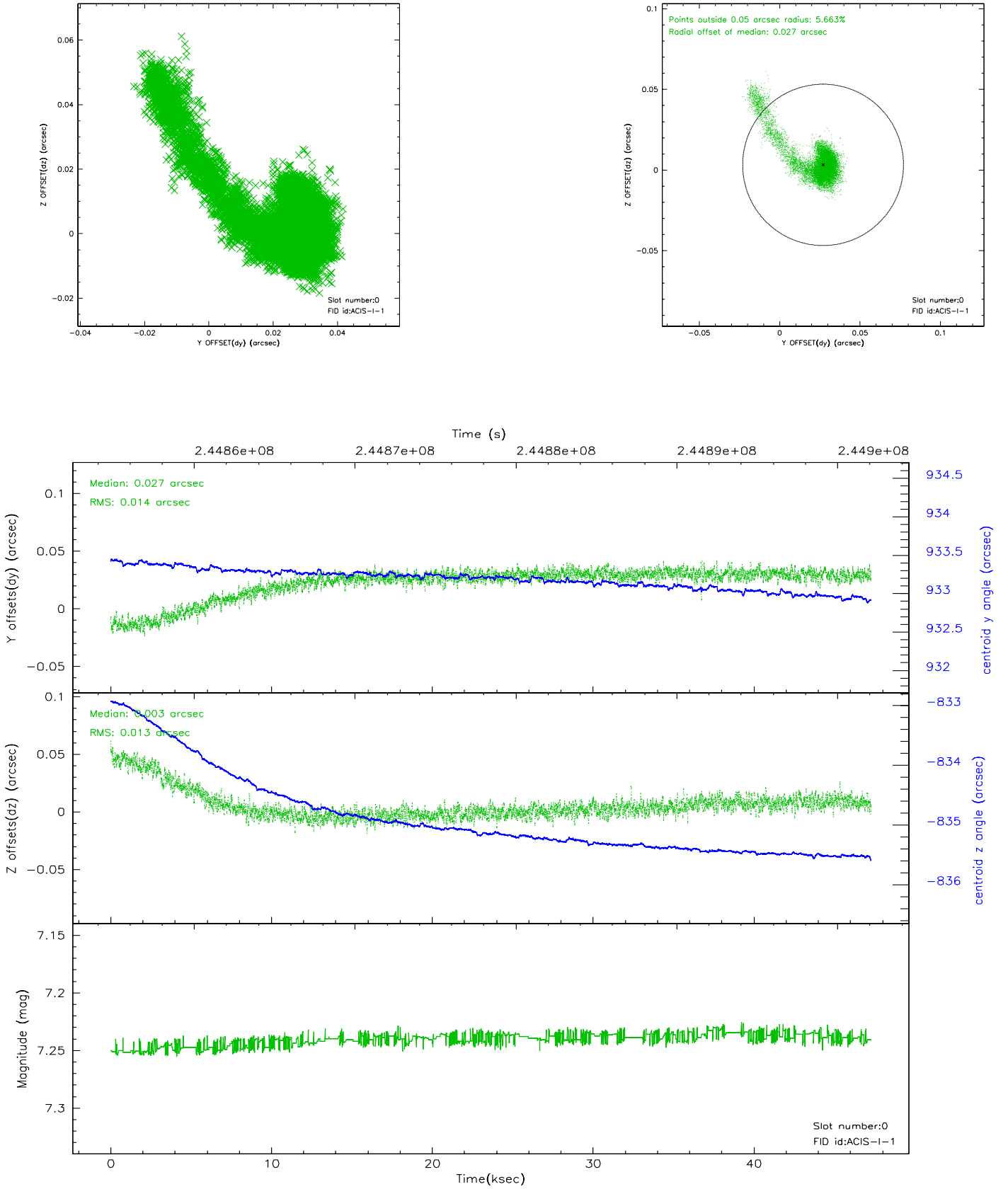


2.4.5 Slot 7

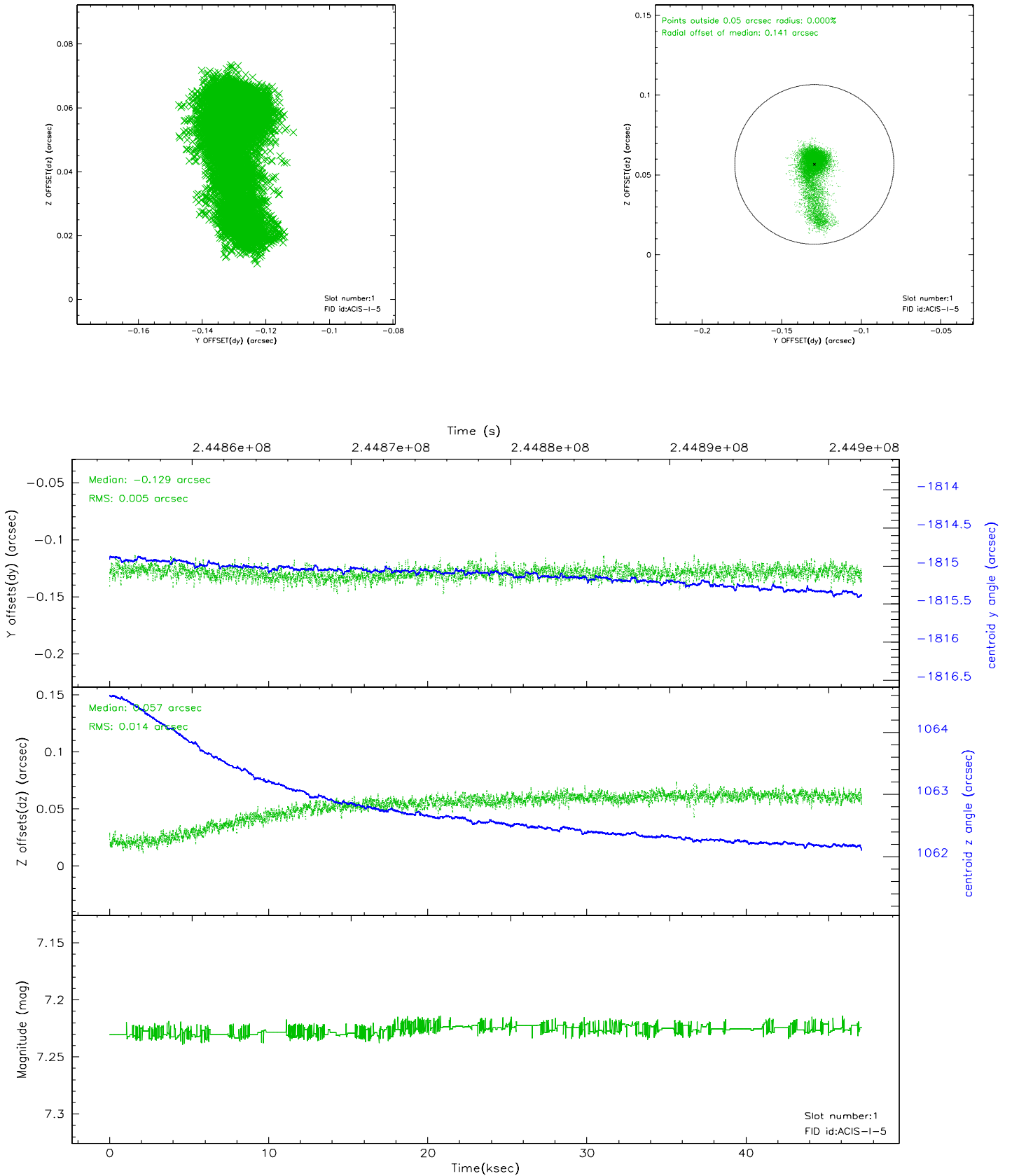


2.5 FID Slots

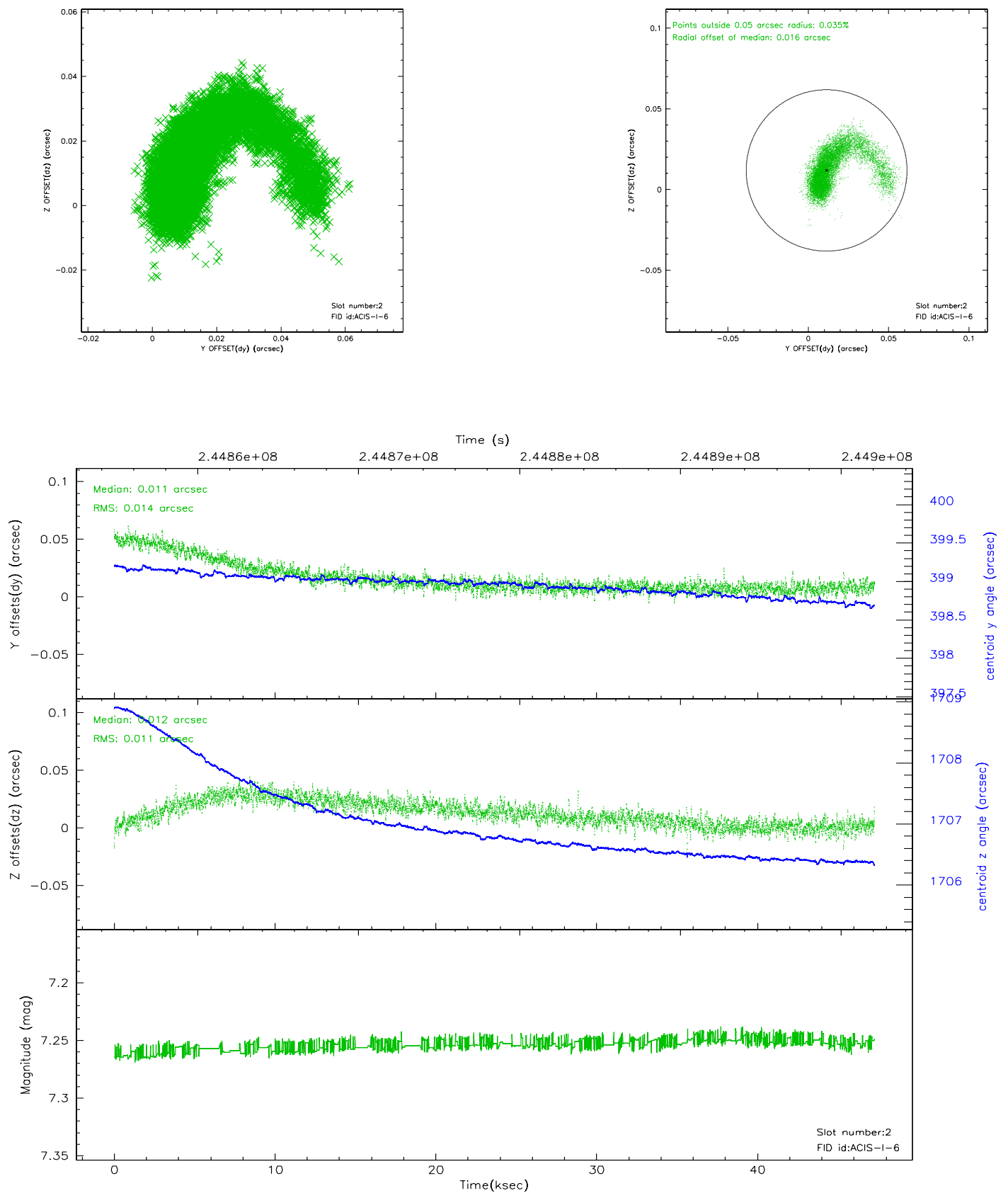
2.5.1 Slot 0



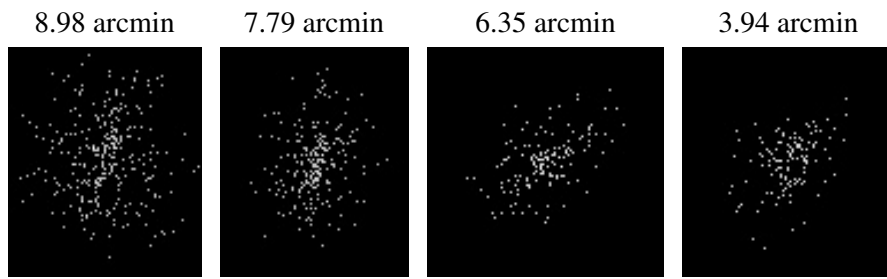
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.89671

A.2 Comments

Roll constraint satisfied.