

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6222 - L2 Version 002
Chandra X-Ray Center

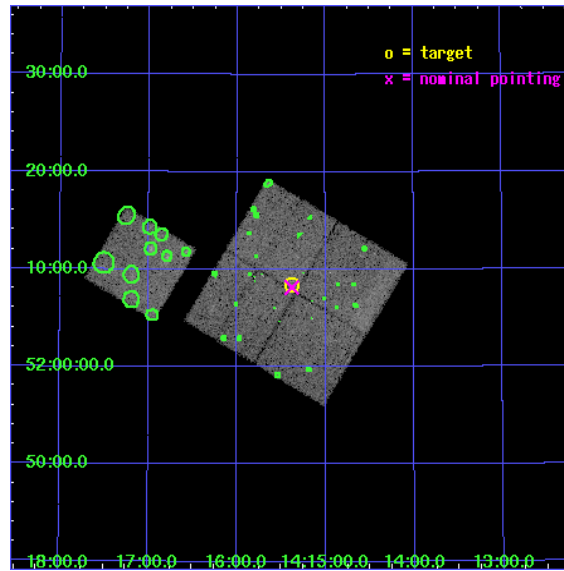
L2 Processing Date : Mar 20 2006

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1 Front

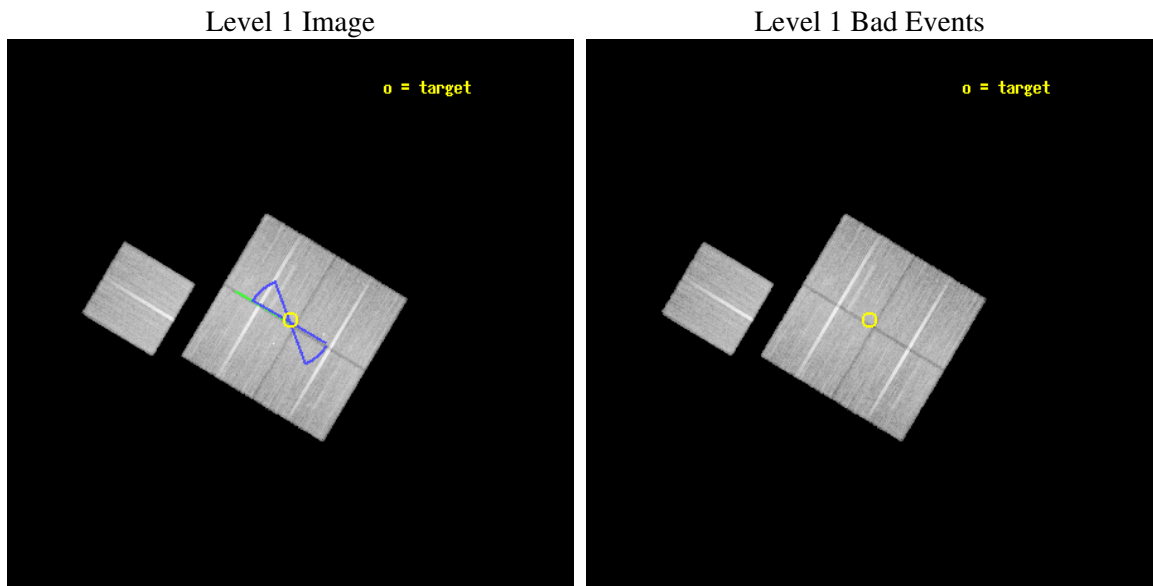
seq_num	900354
obs_id	6222
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Dr Kirpal Nandra
object	EGS-7
dtcycle	0
cycle	P
ra_targ	213.843735
dec_targ	52.140667
ra_nom	213.84477909831
dec_nom	52.136073111981
roll_nom	300.96387211407
revision	2
ontime	35153.958952159
livetime	34694.646598481
ontime0	35150.817922086
ontime1	35157.099932402
ontime2	35147.677081317
ontime3	35153.958952159
ontime6	35150.817932099
l2events	93410



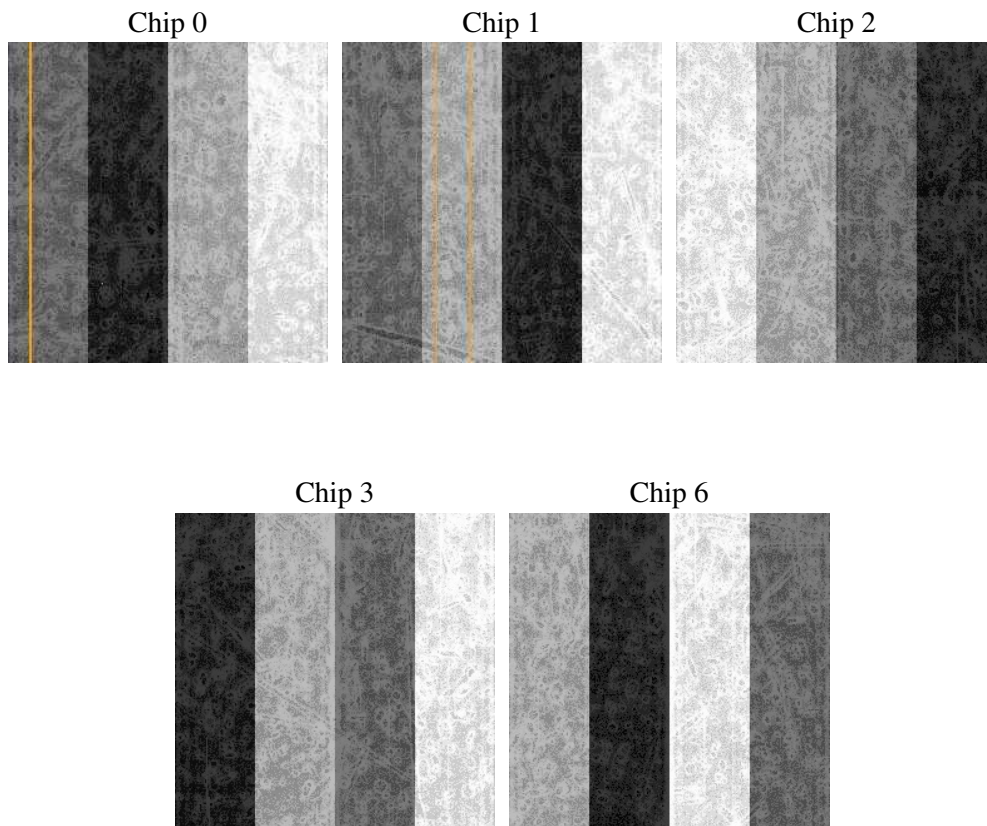
2 OBI

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	2006-03-20T18:04:16
revision	2

sched_exp_time	35000.000000
ontime	35458.819307446
ontime0	35455.678277373
ontime1	35461.960267782
ontime2	35452.537436604
ontime3	35458.819307446
ontime6	35455.678287387
l1events	1098317

2.1.4 Events

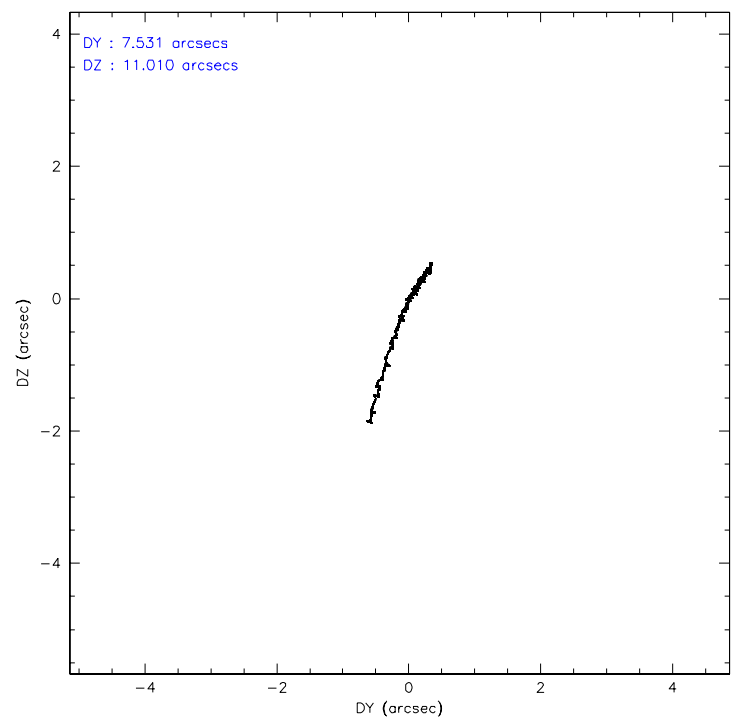
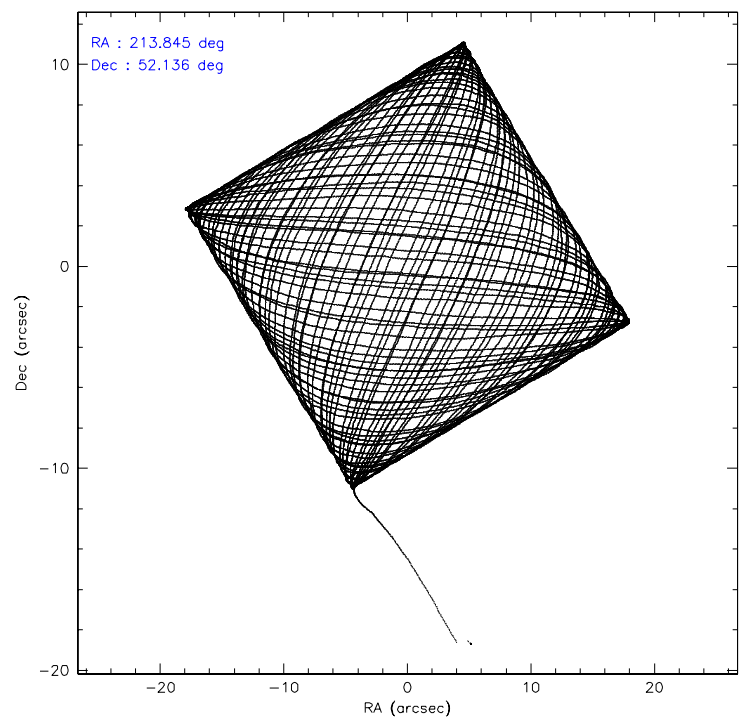
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	209661	207510	235541	220558	225047
rejected events	188002	182709	213588	199413	202091
rejected %	89%	88%	90%	90%	89%

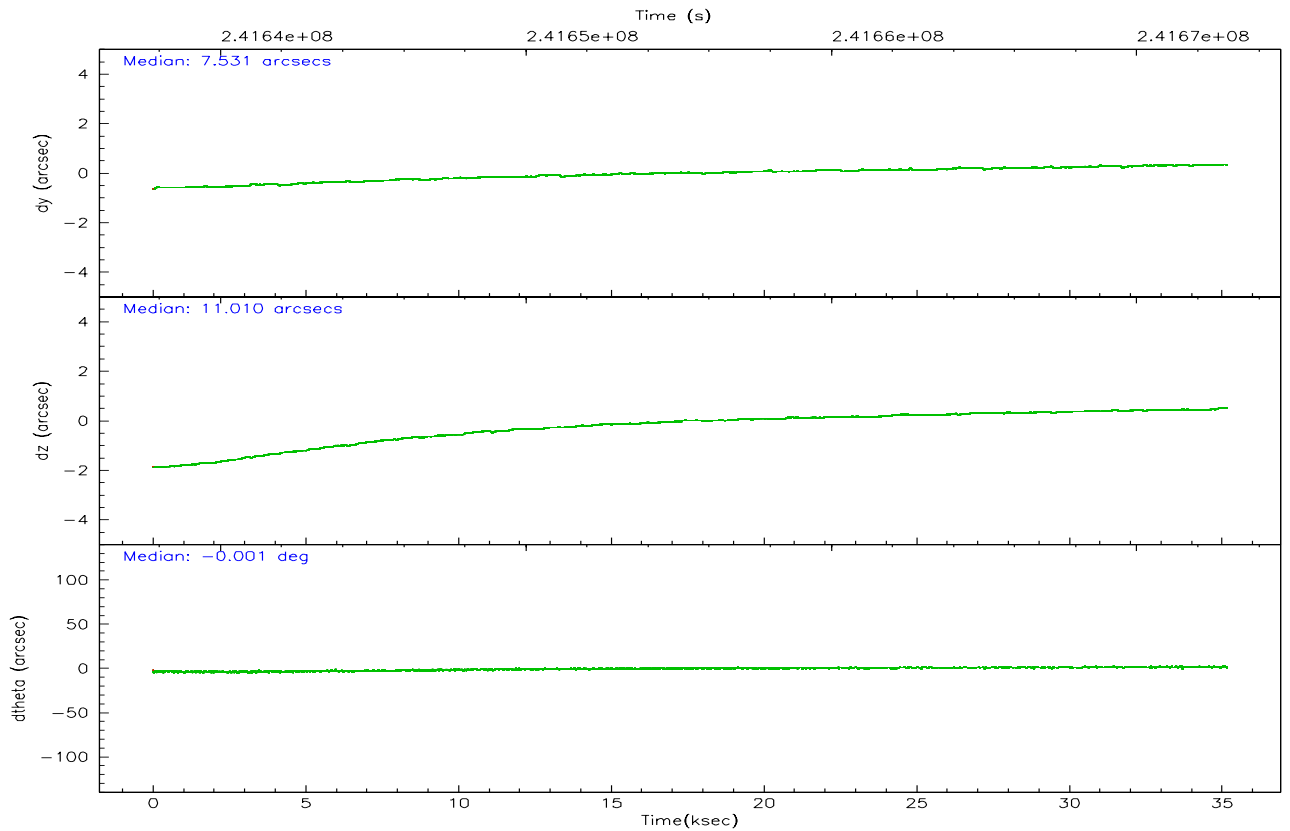
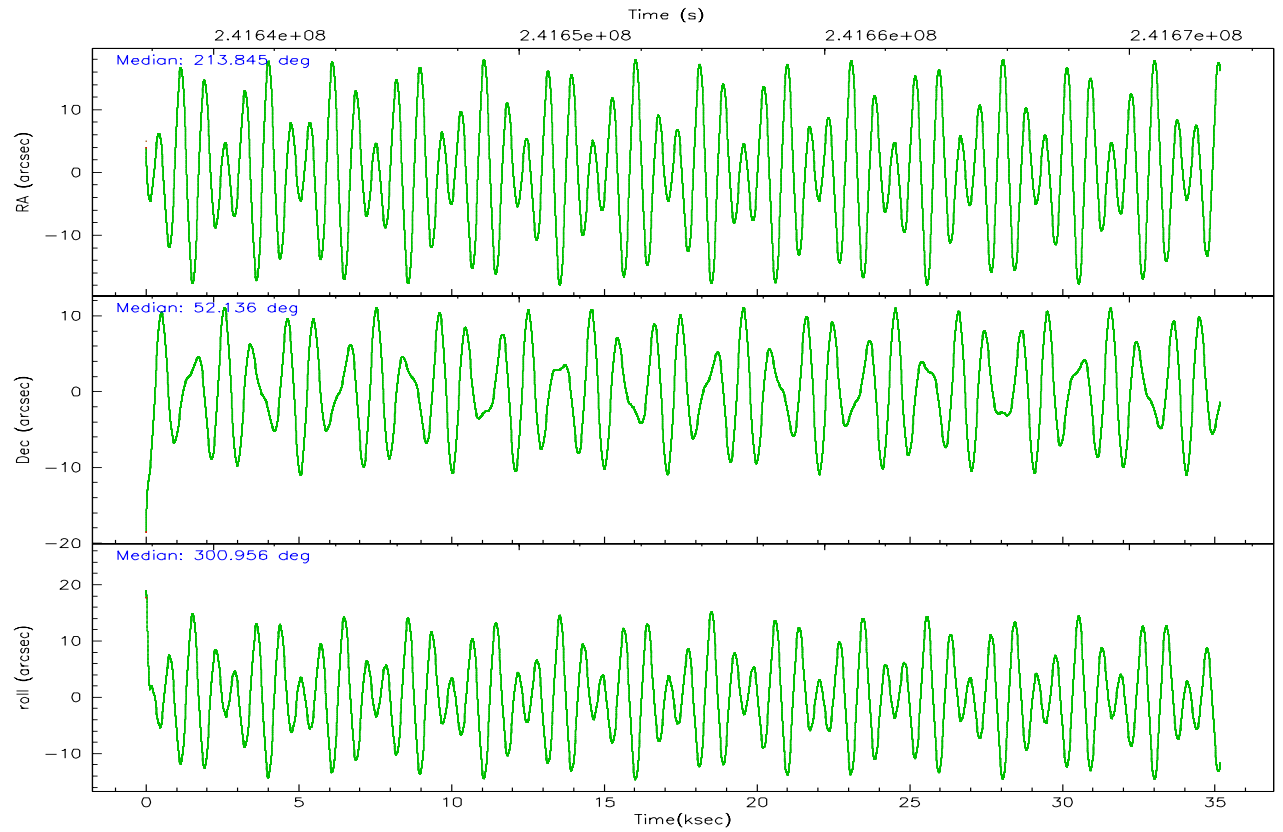
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	7612	9157	8174	7650	8235
	3%	4%	3%	3%	3%
grade 1 events	115	108	127	121	105
	0%	0%	0%	0%	0%
grade 2 events	5144	5483	5255	4684	4992
	2%	2%	2%	2%	2%
grade 3 events	2511	2631	2281	2398	2597
	1%	1%	0%	1%	1%
grade 4 events	2377	2652	2412	2368	2596
	1%	1%	1%	1%	1%
grade 5 events	7629	8571	7208	8748	8764
	3%	4%	3%	3%	3%
grade 6 events	4212	5060	4020	4252	4735
	2%	2%	1%	1%	2%
grade 7 events	180061	173848	206064	190337	193023
	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	213.805675	213.8447790983125	Alternating exposures requested	N	N
Pointing Dec	52.149270	52.13607311198076	Primary exposure time	0.000000	3.1
Pointing Roll	300.786054	300.9638721140747			
Roll angle	50.756000	50.756000			
Roll tolerance	20.000000	20.000000			
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	241637956.184000	241636824.85436			
Observation start date	2005-08-28T17:38:12	2005-08-28T17:20:24			
Observation end time	241672956.184000	241673920.63106			
Observation end date	2005-08-29T03:21:32	2005-08-29T03:38:40			
Read mode	TIMED	TIMED			

2.3 Aspect



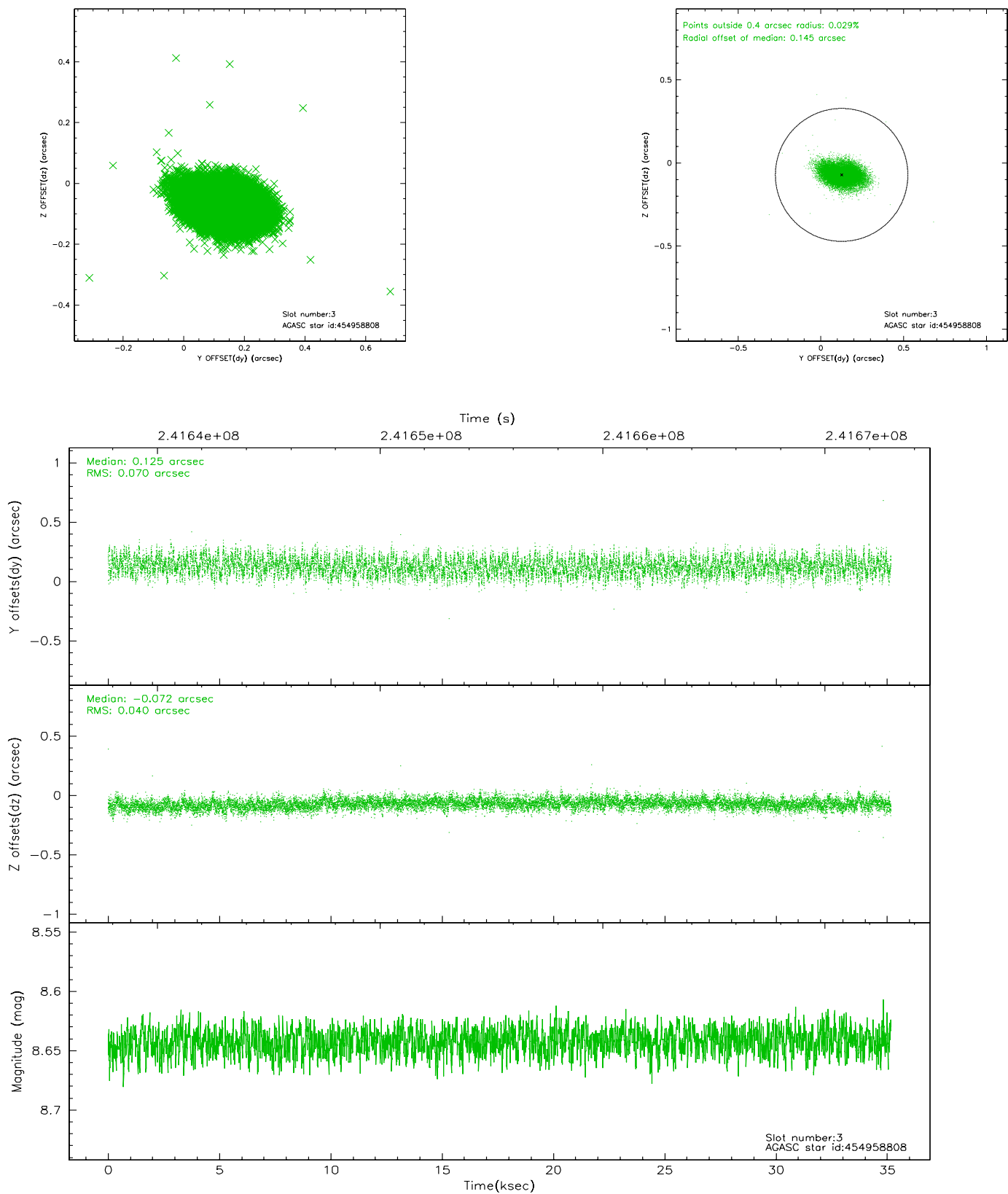


Slot Statistics

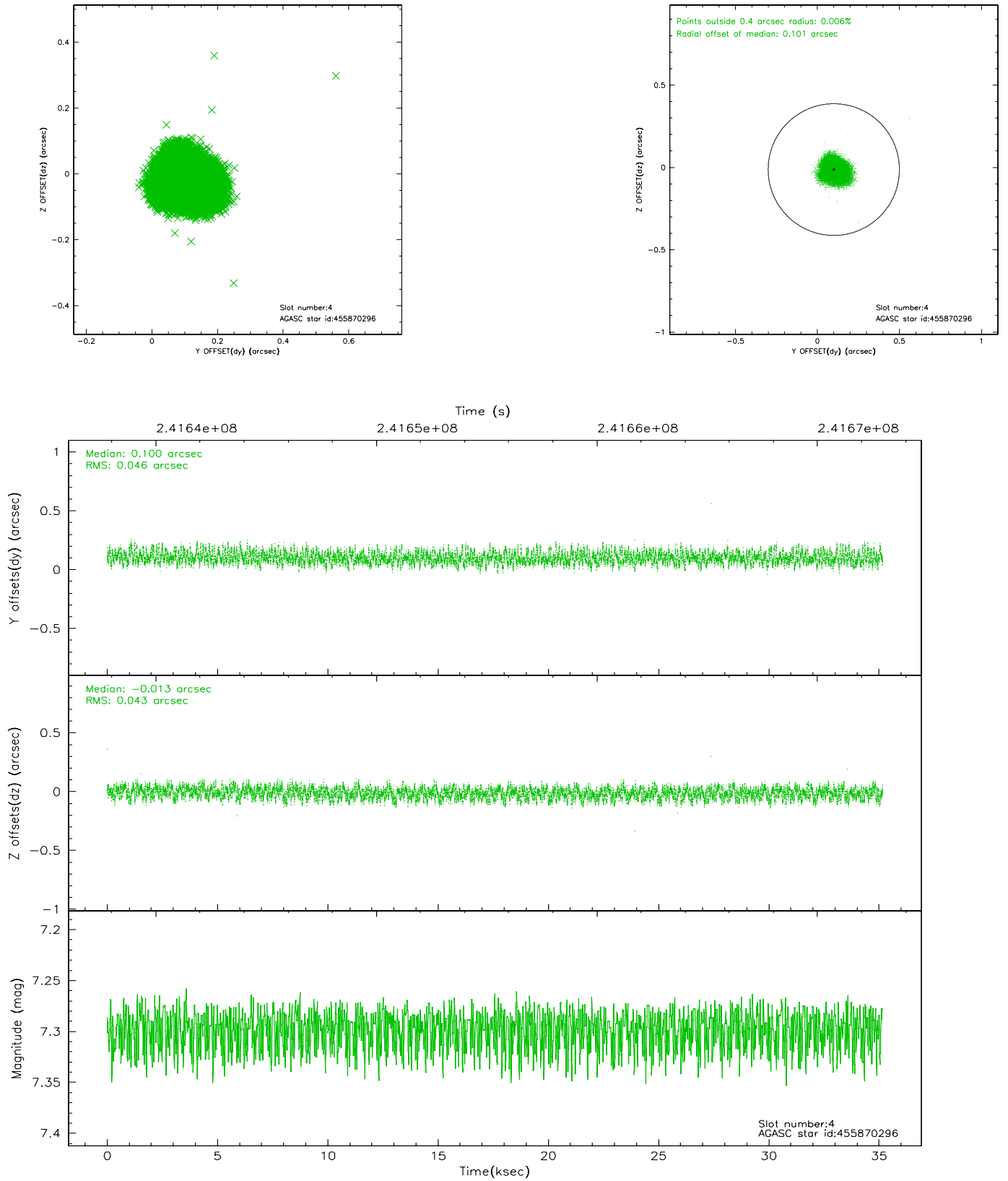
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	8578	0.012	0.011	0.018	0.046	0.000000	0.000000	932.18	-834.23
1	FID	ACIS-I-5	7.23	8578	-0.137	0.040	0.015	0.023	0.000000	0.000000	-1816.03	1063.29
2	FID	ACIS-I-6	7.25	8576	0.032	0.018	0.012	0.035	0.000000	0.000000	397.74	1707.79
3	GUIDE	454958808	8.64	17147	0.125	-0.072	0.085	0.140	213.416486	51.296487	2187.61	-2322.34
4	GUIDE	455870296	7.30	17152	0.100	-0.013	0.069	0.105	214.629779	52.033323	1283.99	1359.94
5	GUIDE	505806936	7.02	17153	-0.076	-0.010	0.056	0.114	213.820815	52.535927	-1178.87	741.13
6	GUIDE	505812376	7.56	17155	-0.092	-0.091	0.049	0.080	214.039537	52.937930	-2180.50	1889.51
7	GUIDE	454958240	9.05	17132	-0.067	0.180	0.109	0.171	212.550018	52.097330	-1280.99	-2468.57

2.4 Star Slots

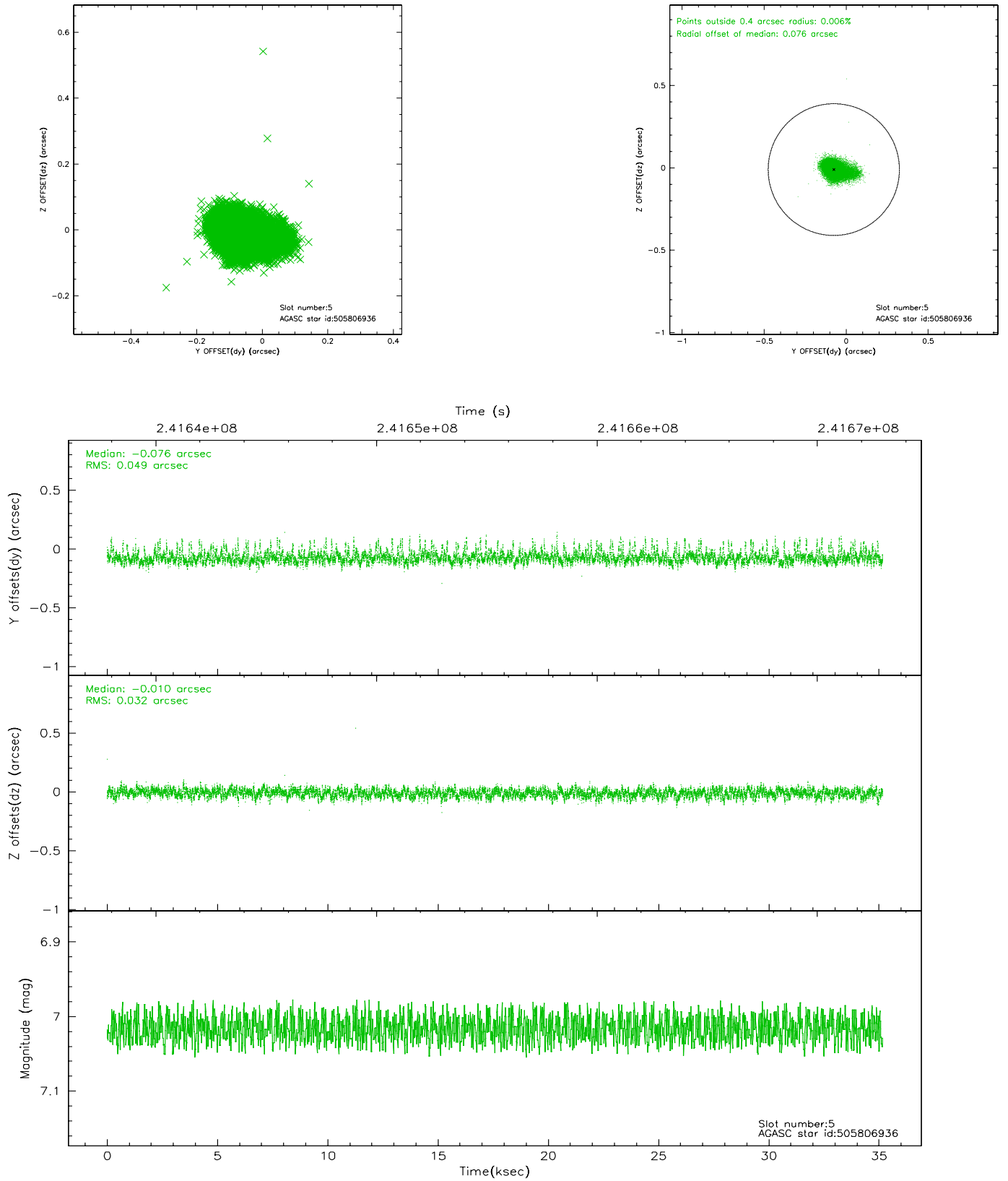
2.4.1 Slot 3



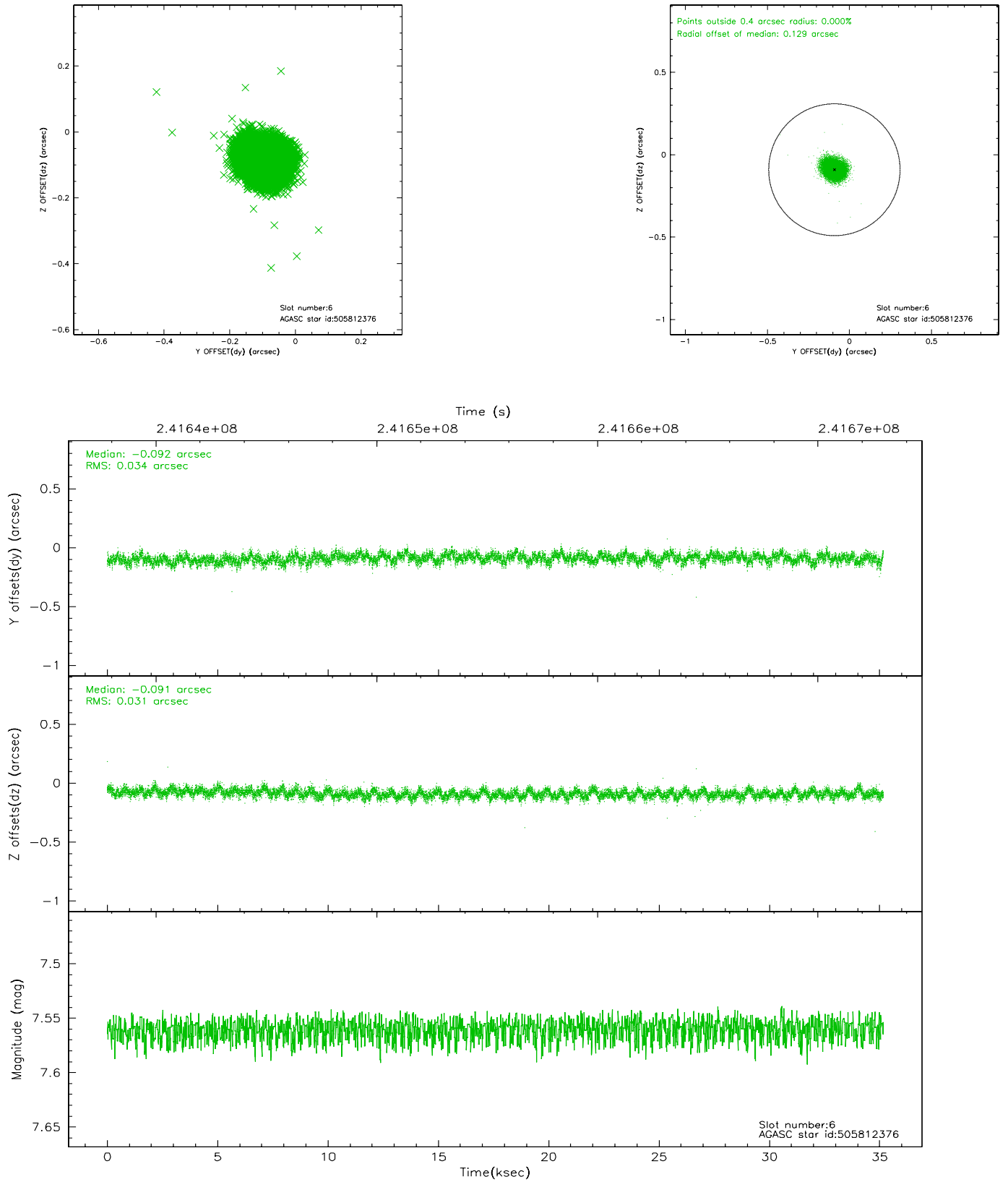
2.4.2 Slot 4



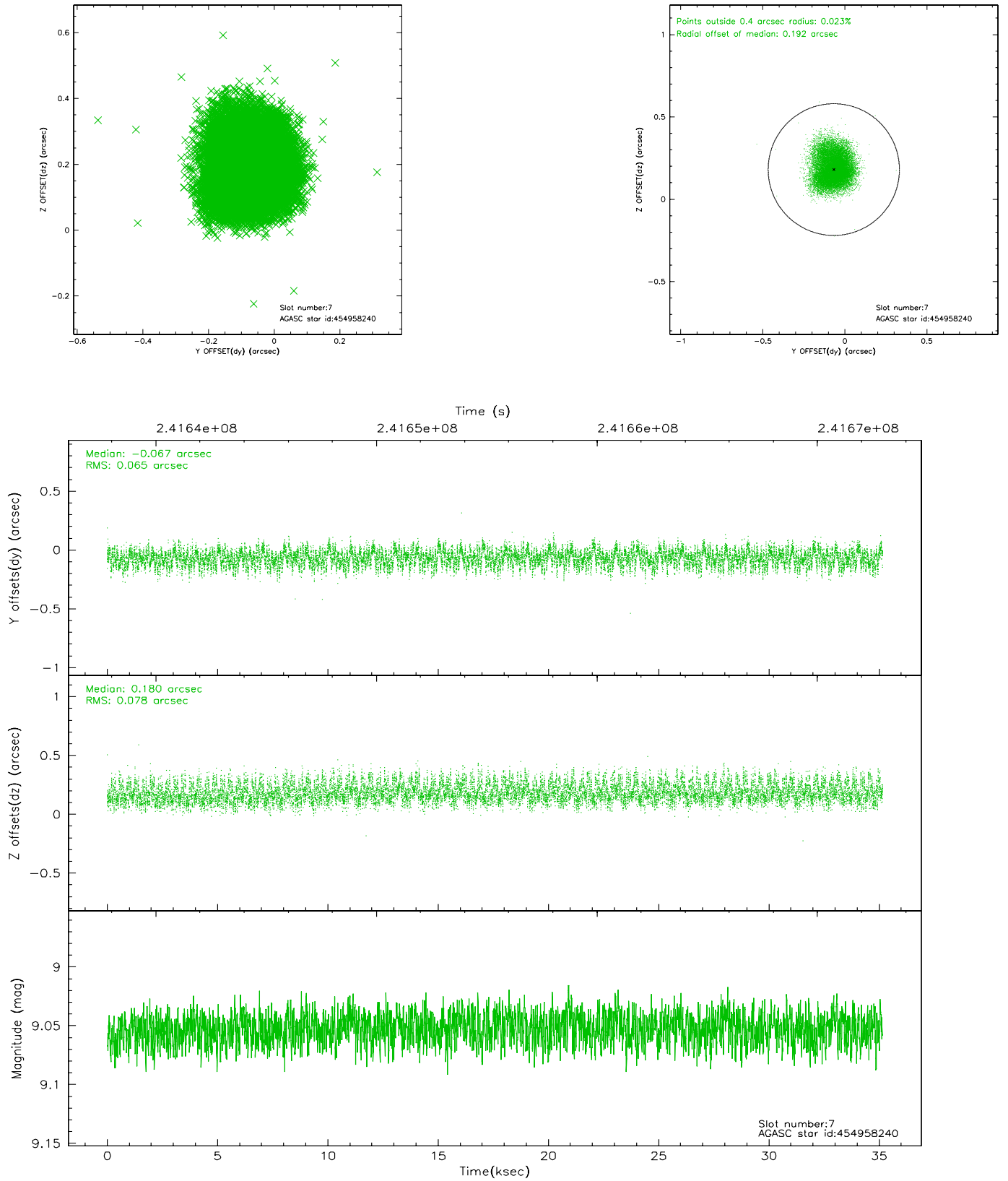
2.4.3 Slot 5



2.4.4 Slot 6

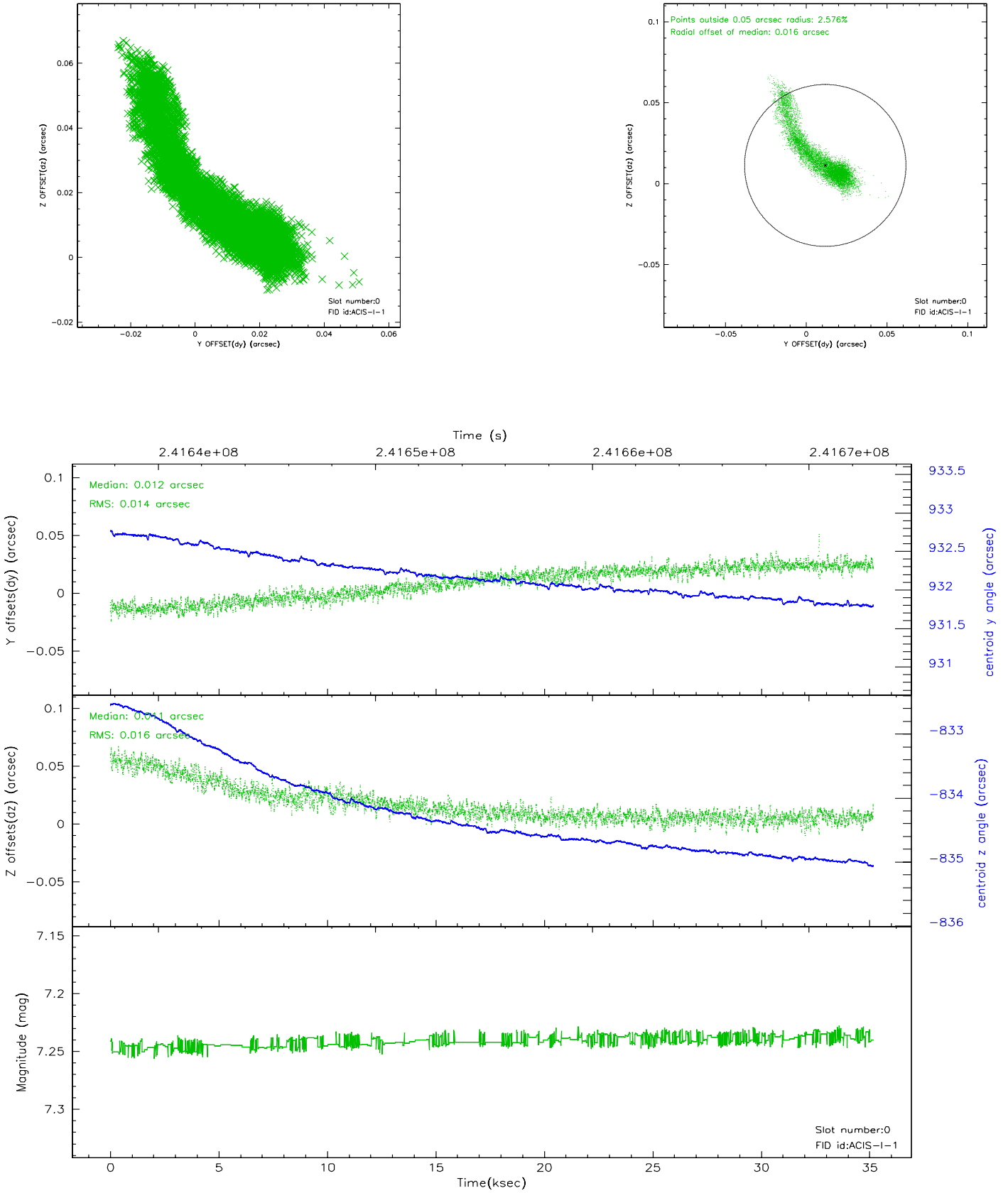


2.4.5 Slot 7

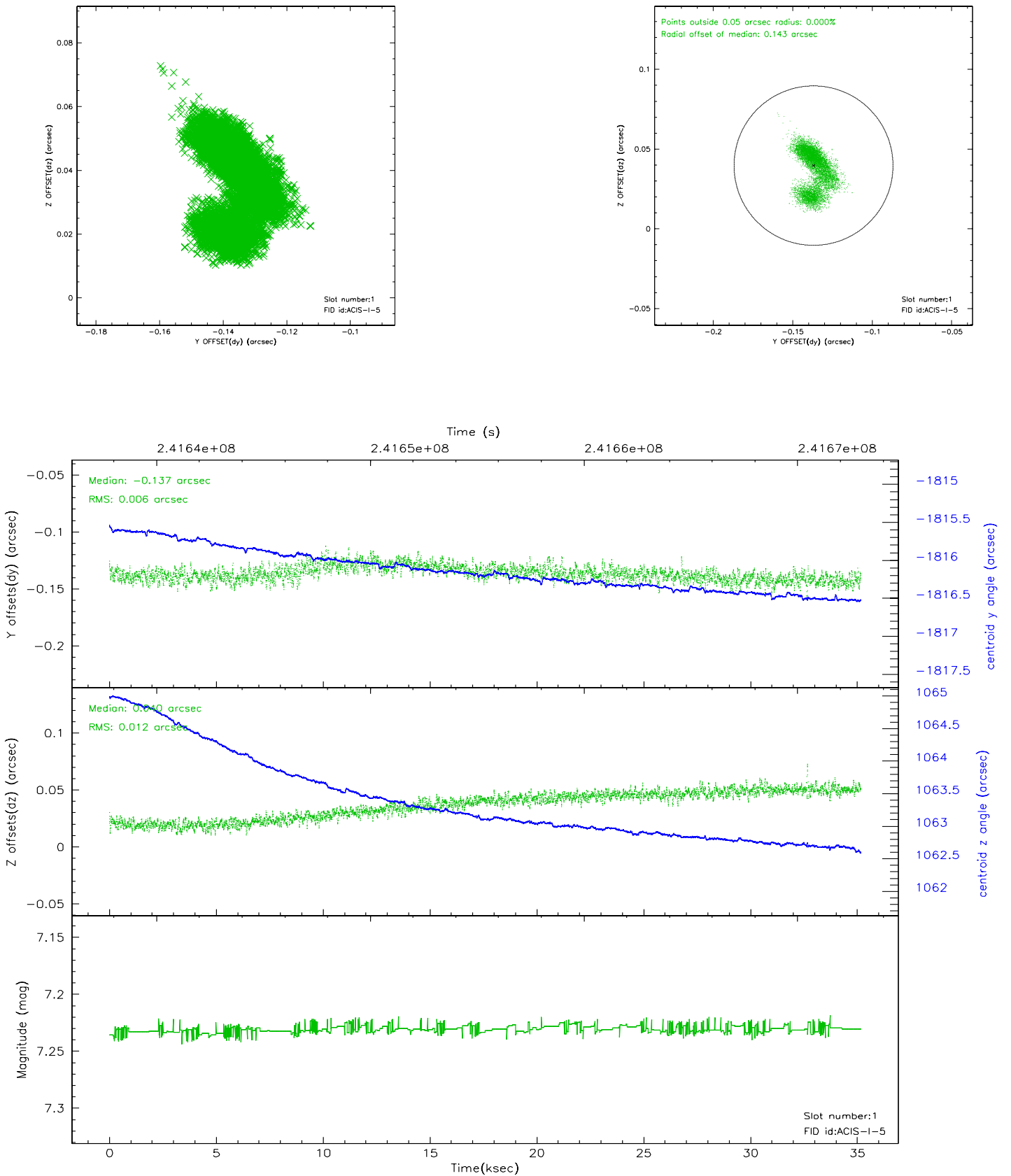


2.5 FID Slots

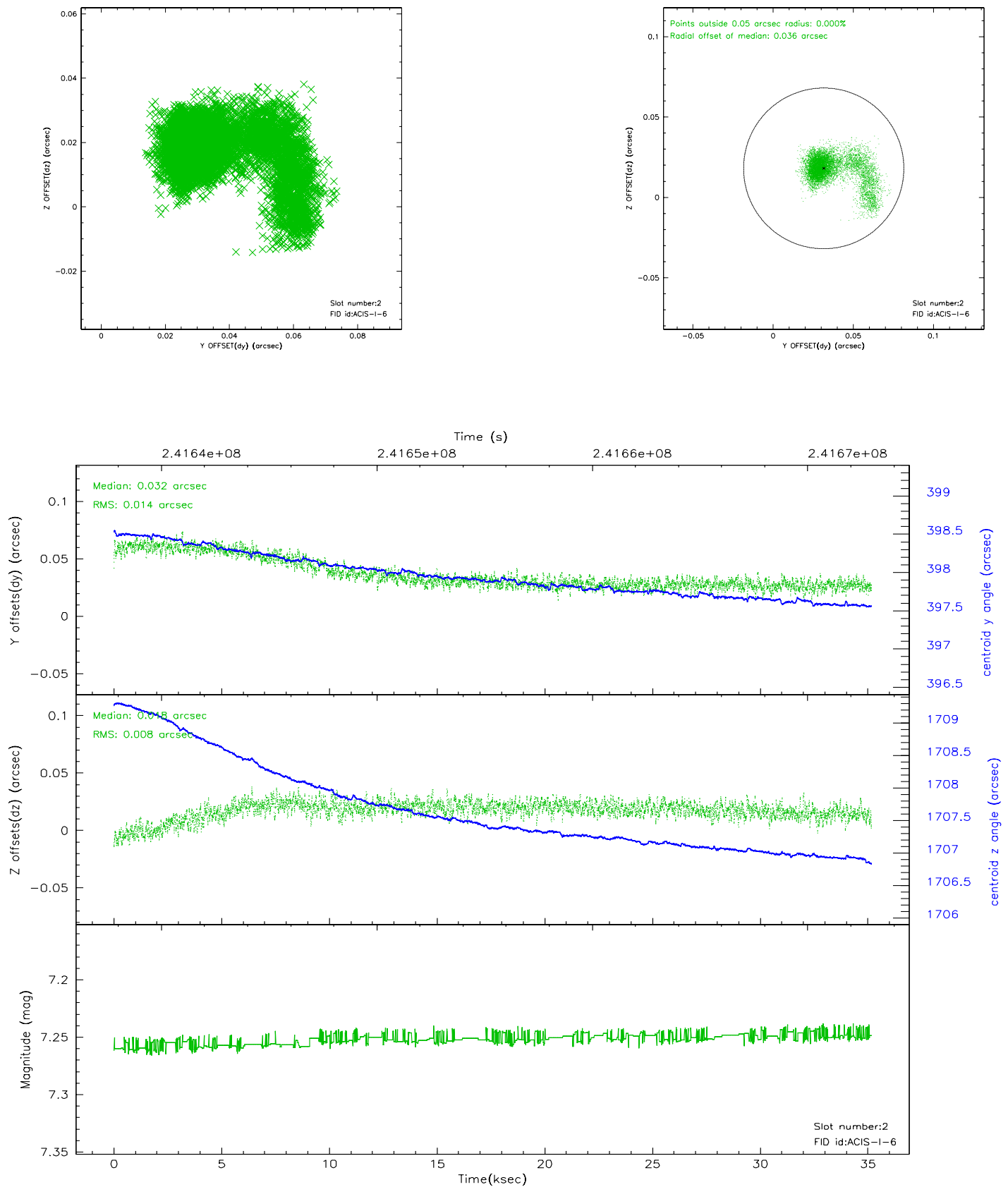
2.5.1 Slot 0



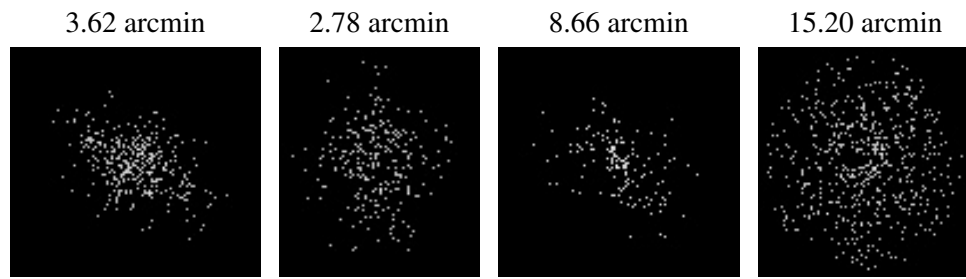
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.15395

A.2 Comments

Roll constraint met.