

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5846 - L2 Version 002
Chandra X-Ray Center

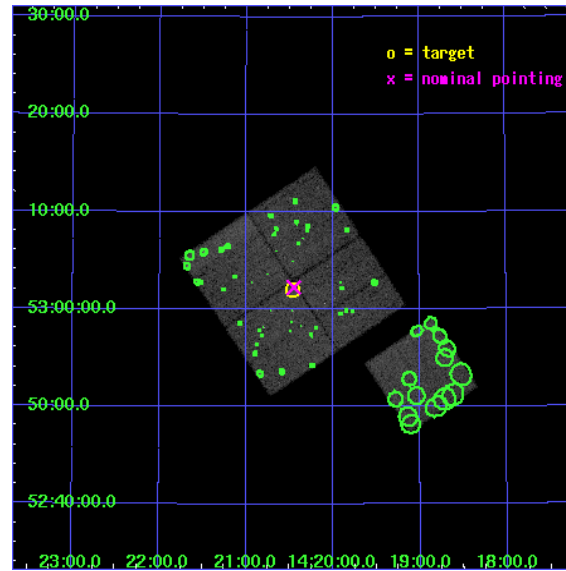
L2 Processing Date : Mar 17 2006

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1 Front

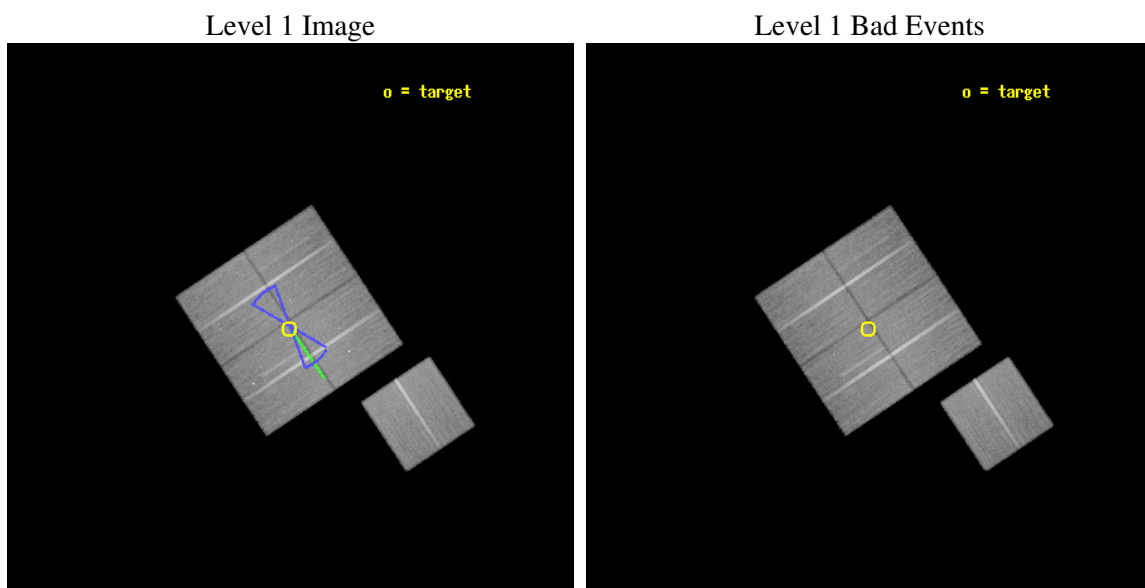
seq_num	900350
obs_id	5846
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Dr Kirpal Nandra
object	EGS-3
dtcycle	0
cycle	P
ra_targ	215.116653
dec_targ	53.033695
ra_nom	215.11243829693
dec_nom	53.037554908894
roll_nom	146.33422322746
revision	2
ontime	50052.599903762
livetime	49398.625837832
ontime0	50049.458933502
ontime1	50043.176943123
ontime2	50046.317943275
ontime3	50052.599903762
ontime6	50049.458923459
l2events	134155



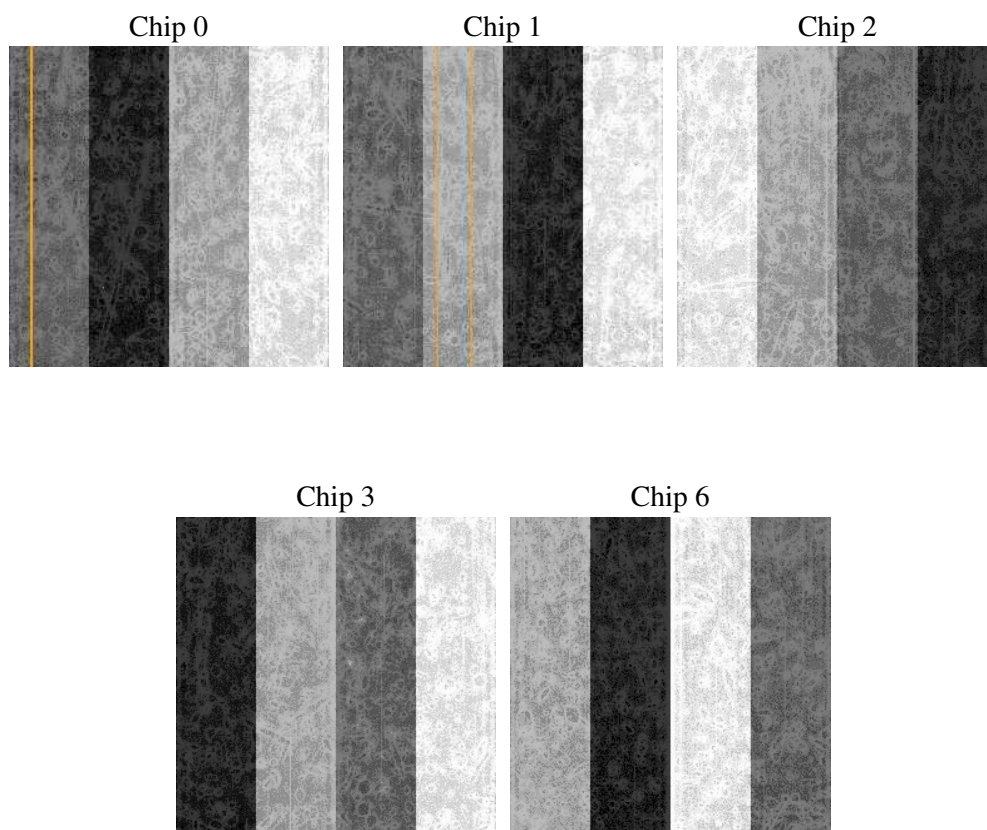
2 OBI

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	2006-03-17T18:01:24
revision	2

sched_exp_time	50000.000000
ontime	50058.263382047
ontime0	50055.122411788
ontime1	50048.840421408
ontime2	50051.981441468
ontime3	50058.263382047
ontime6	50055.122401744
l1events	1529506

2.1.4 Events

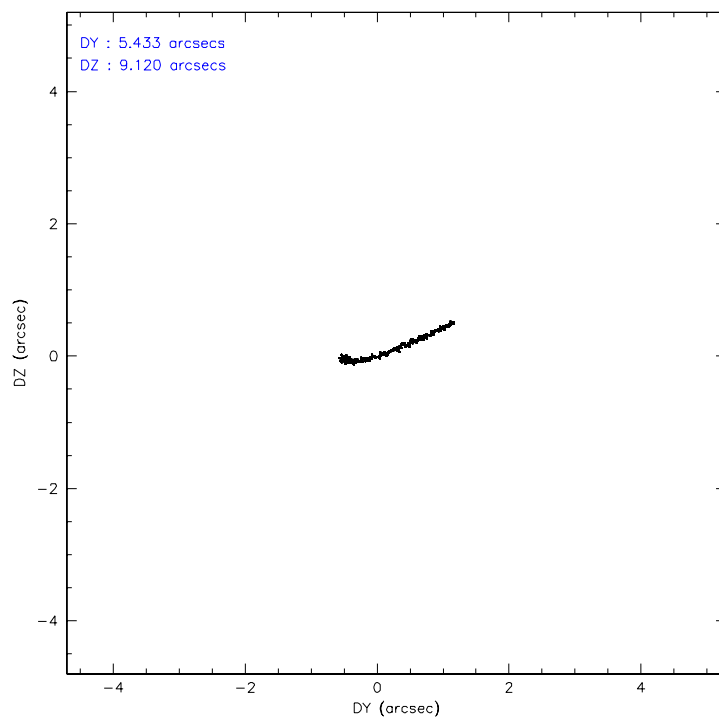
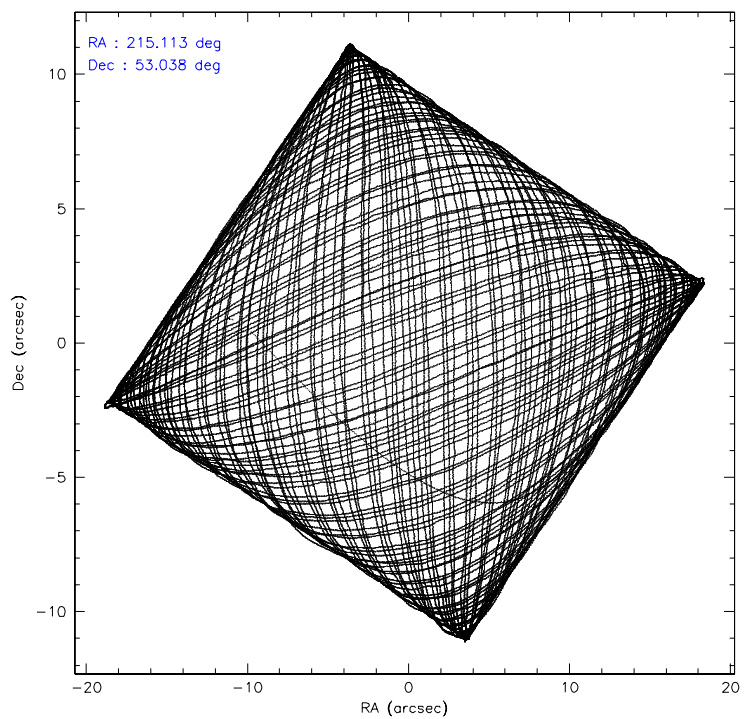
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	287837	296842	322973	307978	313876
rejected events	256480	262003	290960	277432	282690
rejected %	89%	88%	90%	90%	90%

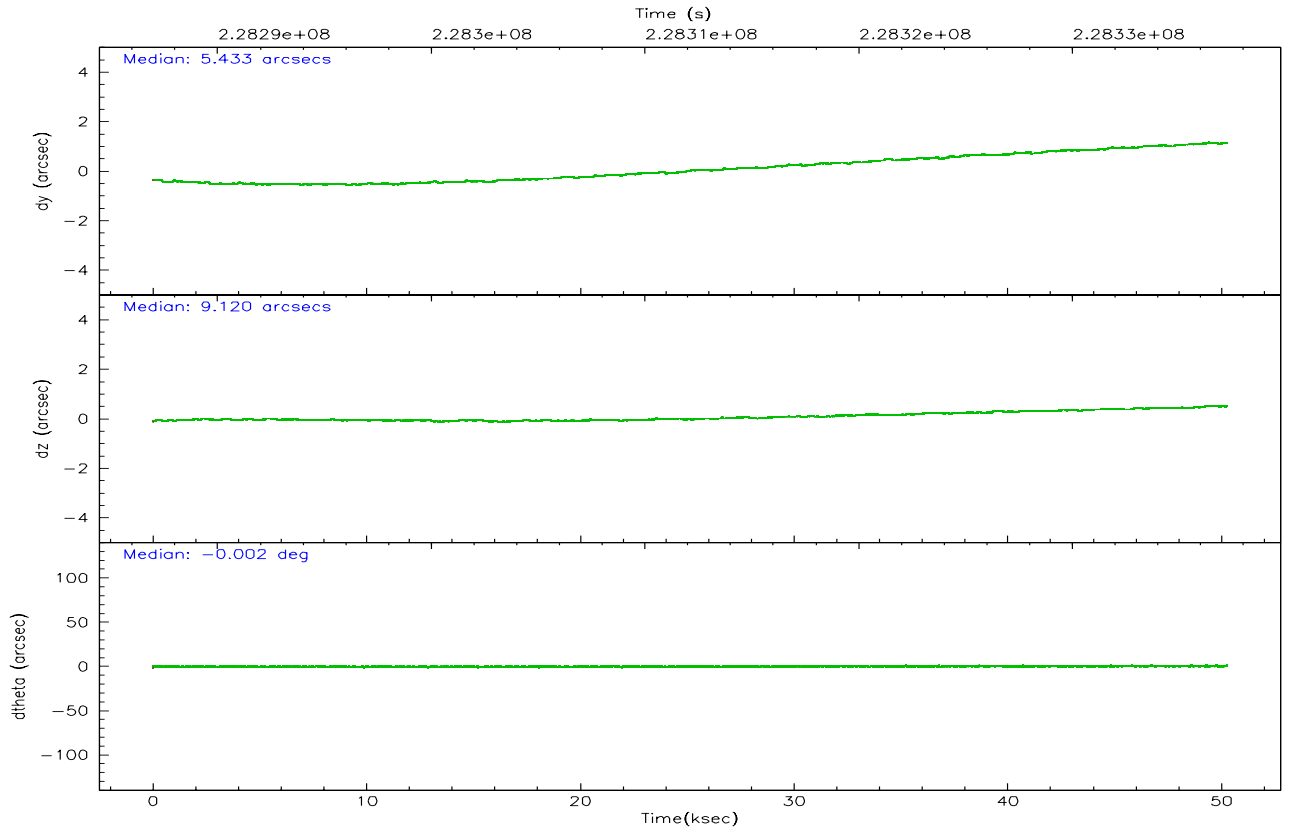
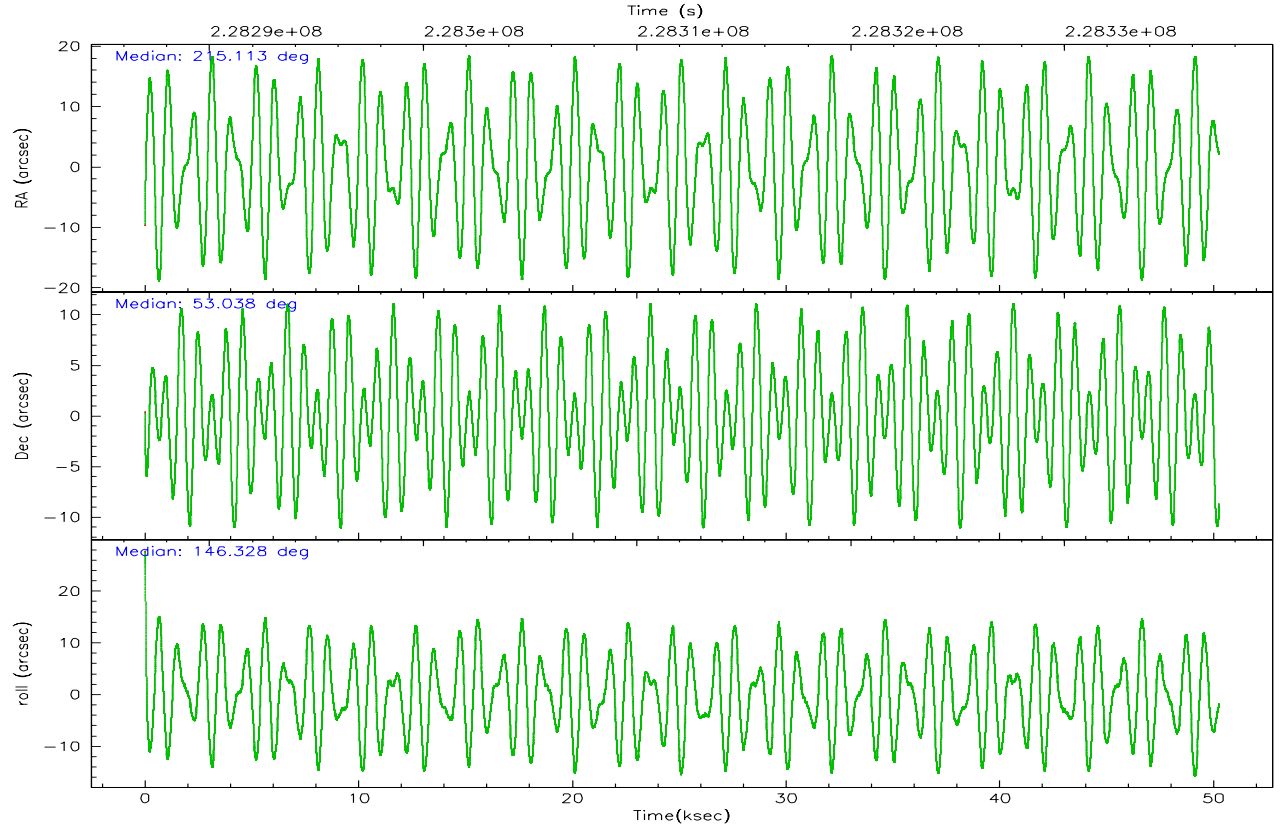
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	11155	12599	12193	11346	10363
	3%	4%	3%	3%	3%
grade 1 events	163	146	186	166	138
	0%	0%	0%	0%	0%
grade 2 events	7194	7502	7308	6361	6873
	2%	2%	2%	2%	2%
grade 3 events	3679	3849	3419	3486	3588
	1%	1%	1%	1%	1%
grade 4 events	3417	3949	3405	3367	3582
	1%	1%	1%	1%	1%
grade 5 events	11024	11929	10646	12463	12438
	3%	4%	3%	4%	3%
grade 6 events	5913	6944	5691	5989	6781
	2%	2%	1%	1%	2%
grade 7 events	245292	249924	280125	264800	270113
	85%	84%	86%	85%	86%

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	215.157879	215.1124382969305	Alternating exposures requested	N	N
Pointing Dec	53.035913	53.037554908894	Primary exposure time	0.000000	3.1
Pointing Roll	146.089222	146.3342232274578			
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	228287242.184000	228286275.09496			
Observation start date	2005-03-27T05:06:18	2005-03-27T04:51:15			
Observation end time	228337242.184000	228337780.3223			
Observation end date	2005-03-27T18:59:38	2005-03-27T19:09:40			
Read mode	TIMED	TIMED			

2.3 Aspect



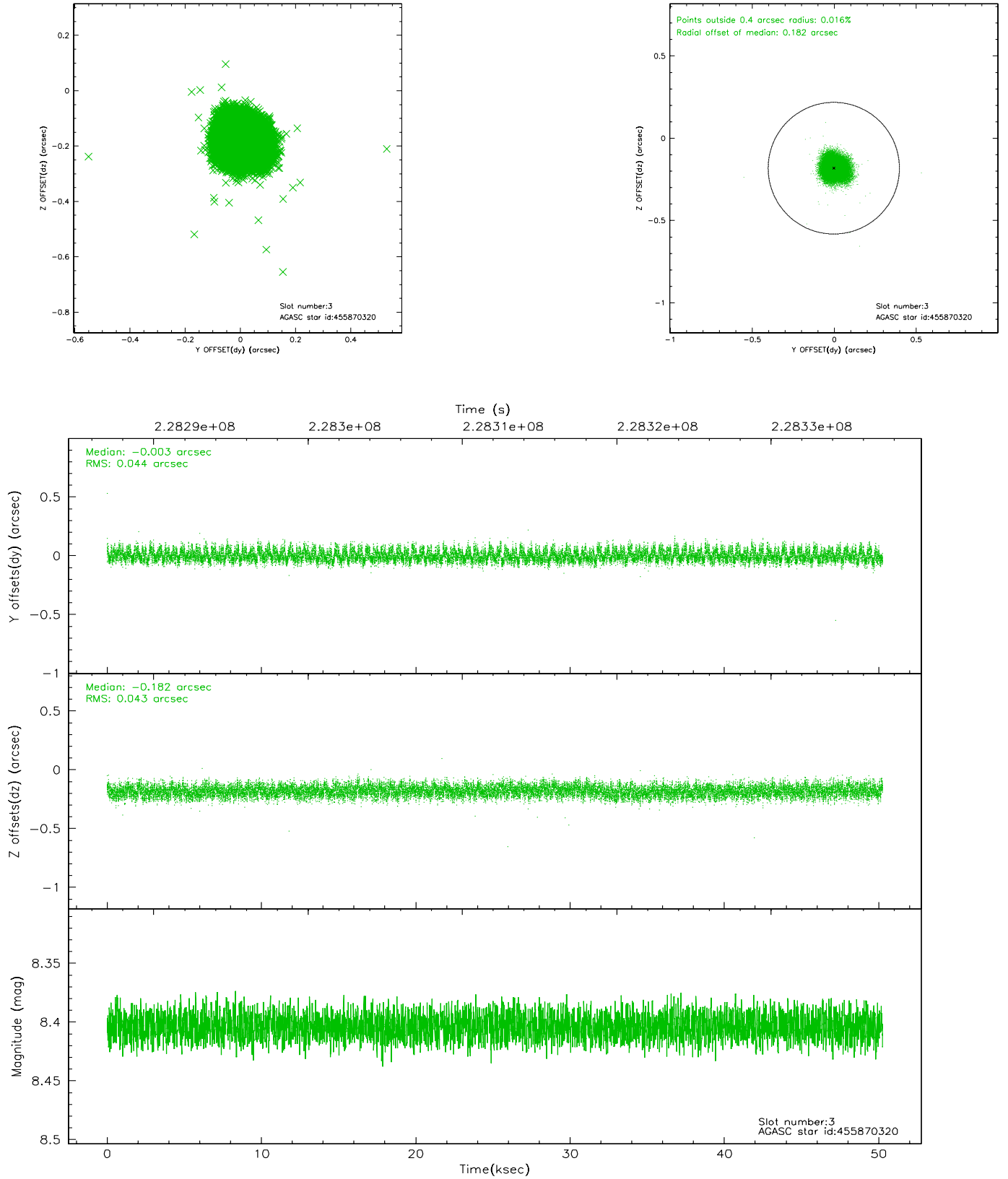


Slot Statistics

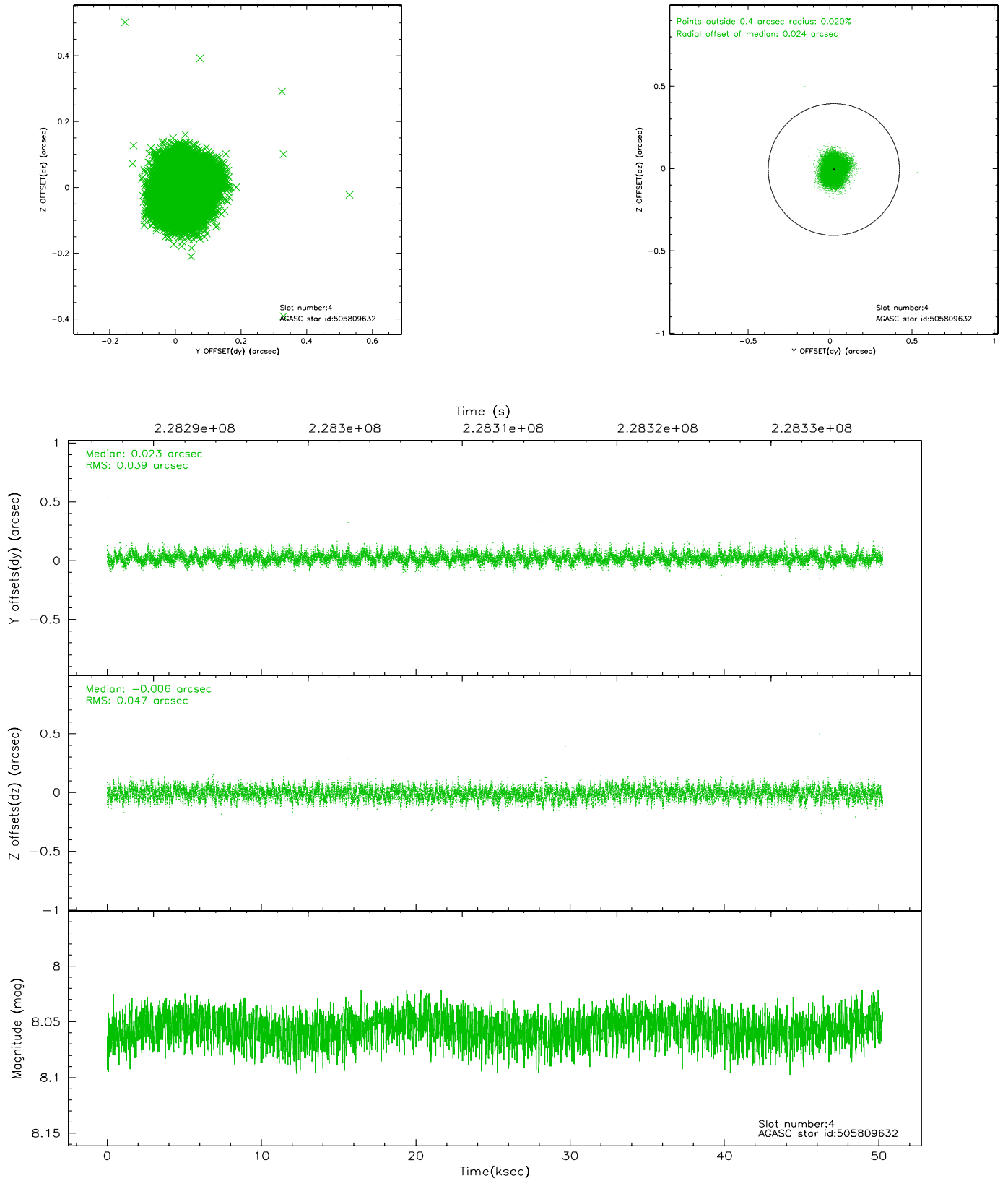
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	12259	-0.006	0.059	0.013	0.021	0.000000	0.000000	934.18	-832.60
1	FID	ACIS-I-5	7.23	12258	-0.142	0.028	0.015	0.026	0.000000	0.000000	-1814.08	1064.85
2	FID	ACIS-I-6	7.25	12259	0.056	-0.016	0.010	0.017	0.000000	0.000000	399.79	1709.30
3	GUIDE	455870320	8.40	24514	-0.003	-0.182	0.065	0.102	214.874440	52.401638	-756.66	2241.29
4	GUIDE	505809632	8.06	24515	0.023	-0.006	0.065	0.104	215.499426	53.521185	369.39	-1858.79
5	GUIDE	505812088	8.17	24512	0.049	0.022	0.051	0.082	214.186617	53.263562	2201.01	475.27
6	GUIDE	505812376	7.60	24517	-0.014	0.046	0.056	0.087	214.039537	52.937930	1827.55	1631.19
7	GUIDE	505815928	8.31	24512	-0.059	0.122	0.064	0.101	216.234742	53.074559	-1845.04	-1429.16

2.4 Star Slots

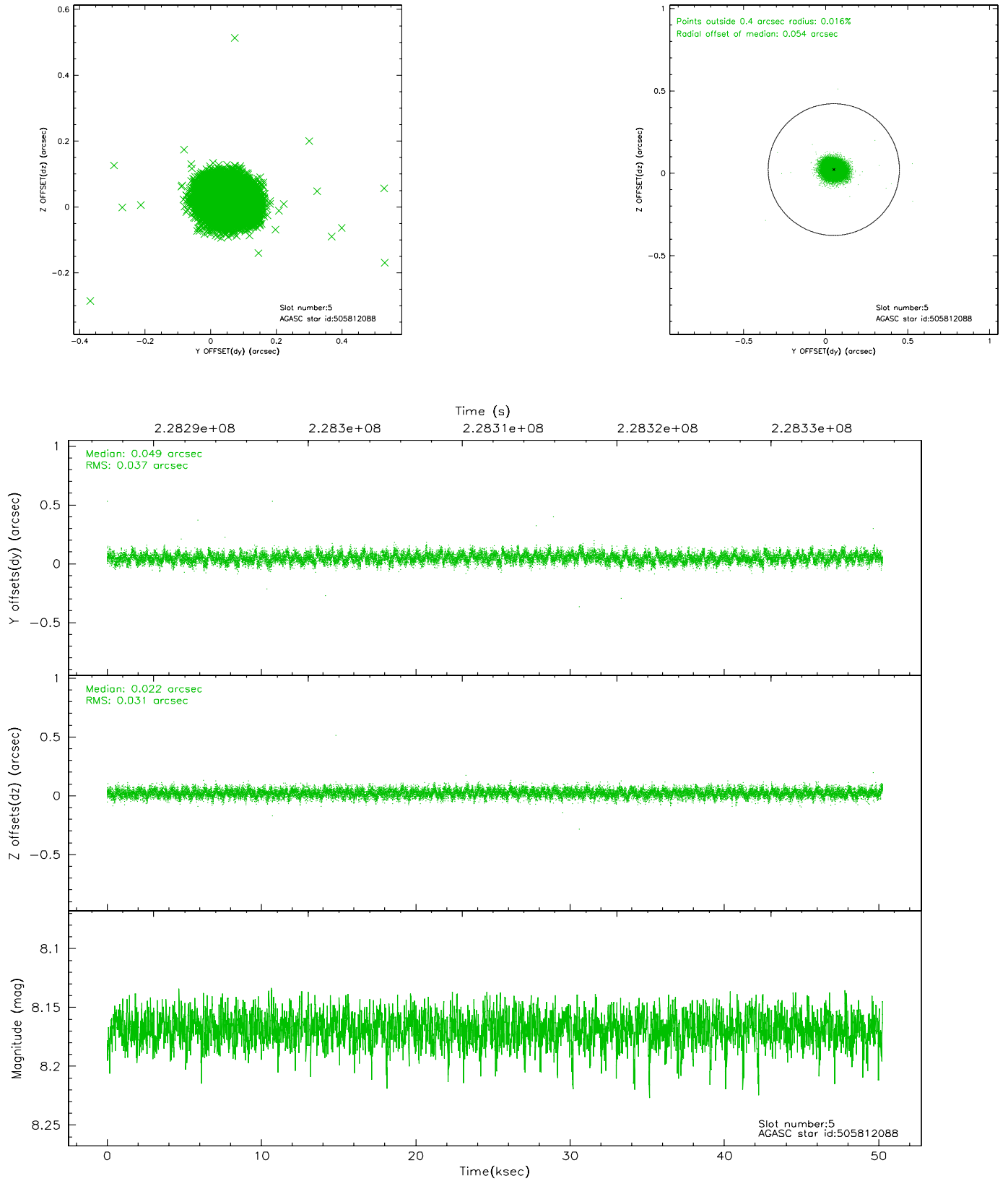
2.4.1 Slot 3



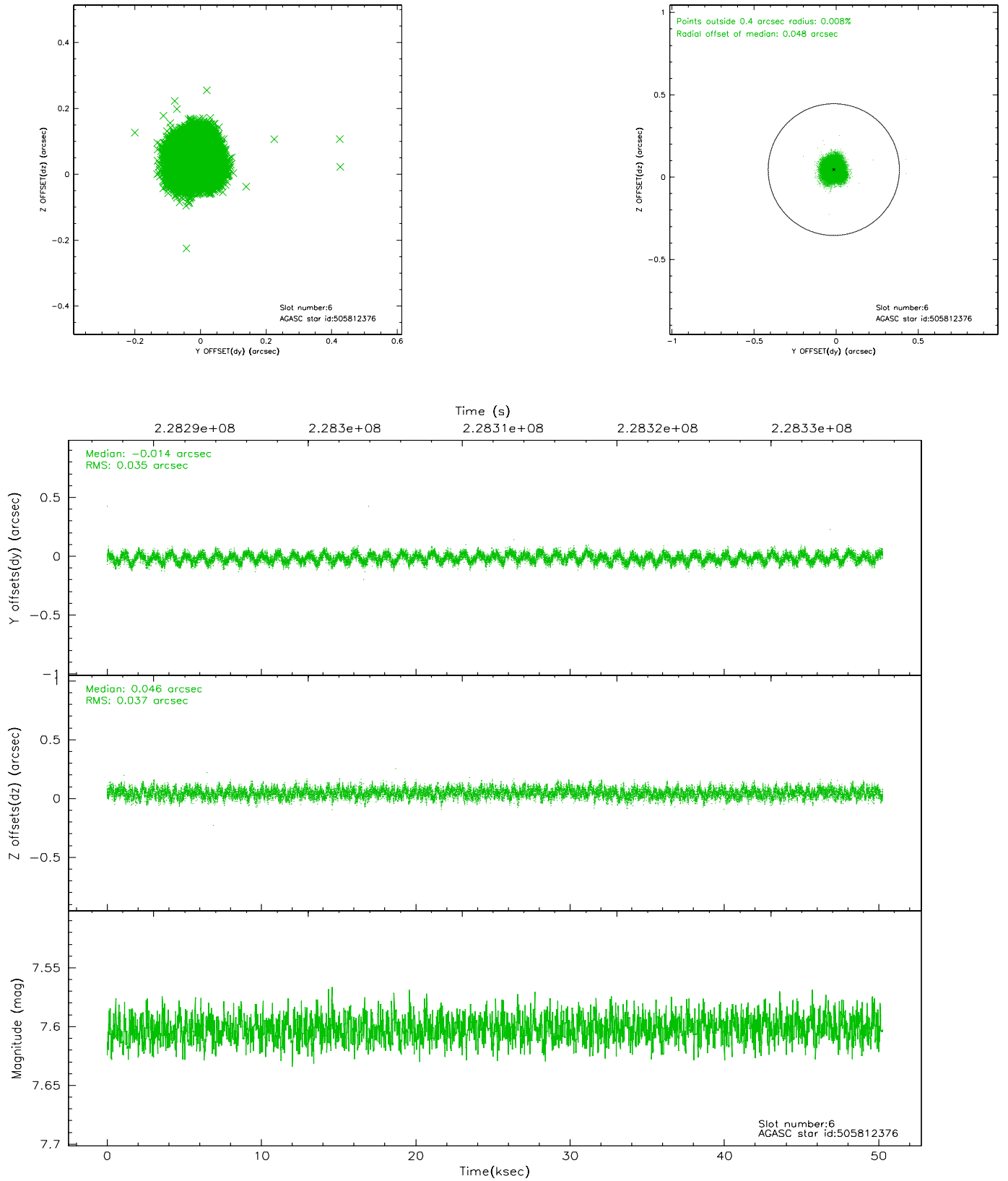
2.4.2 Slot 4



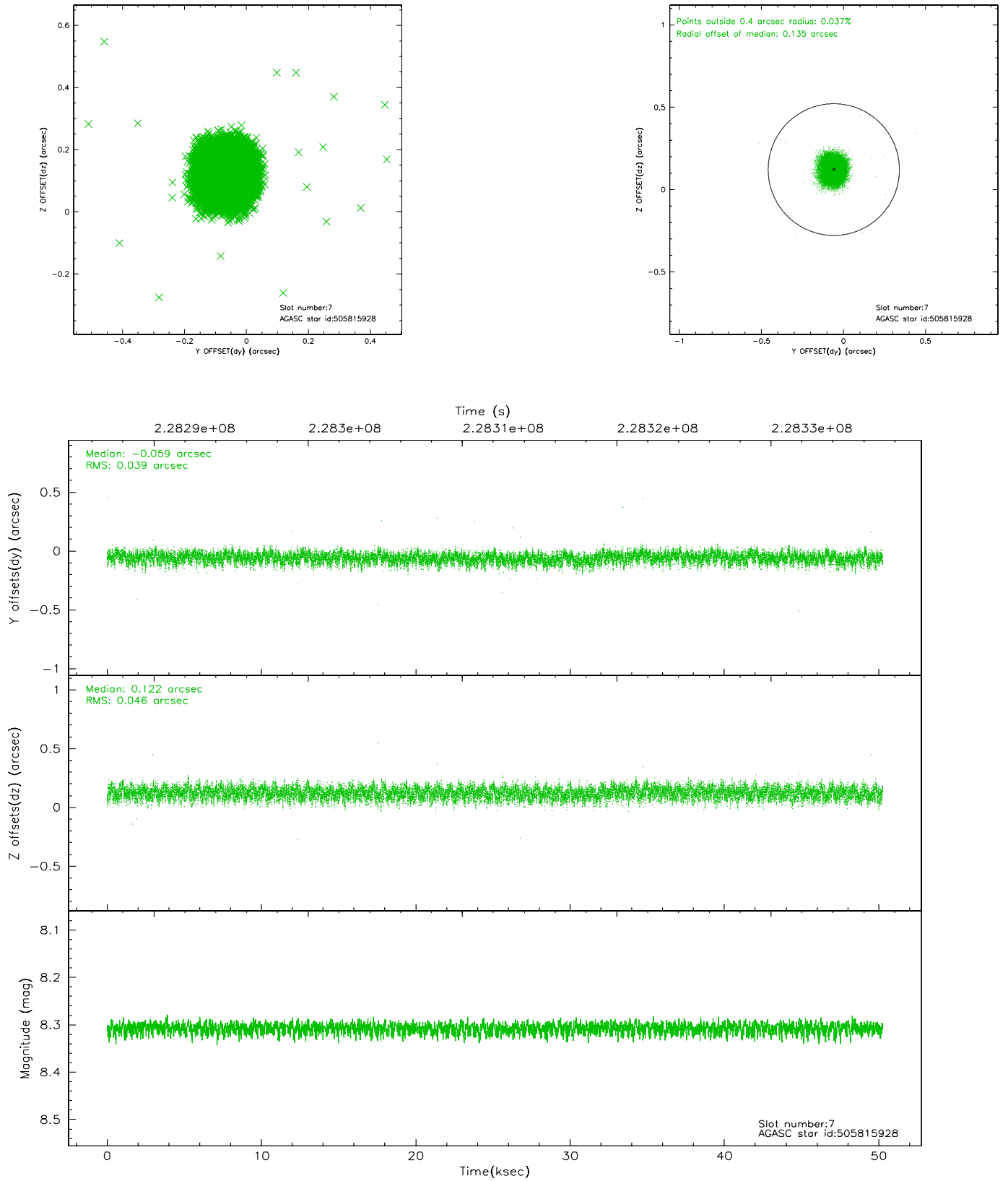
2.4.3 Slot 5



2.4.4 Slot 6

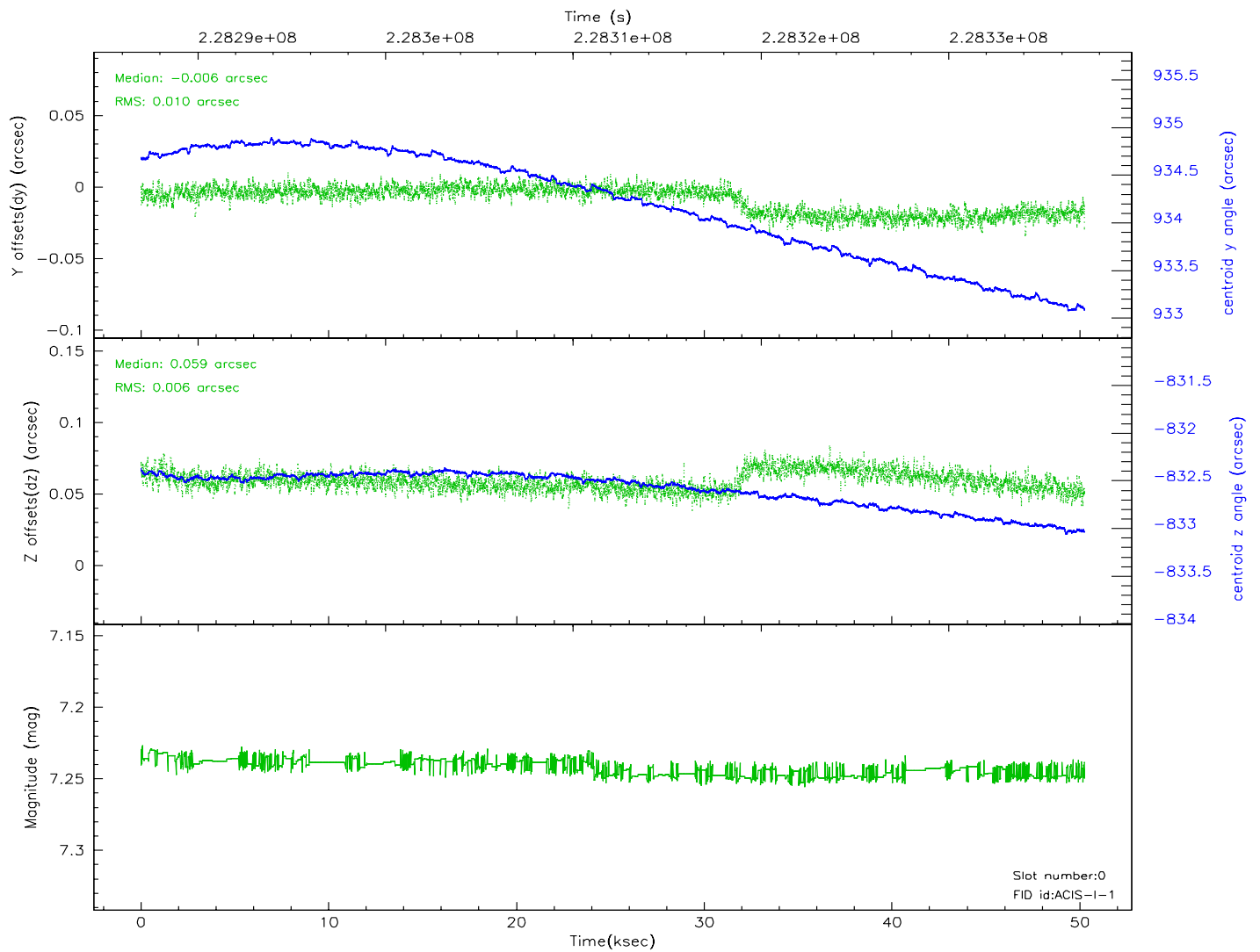
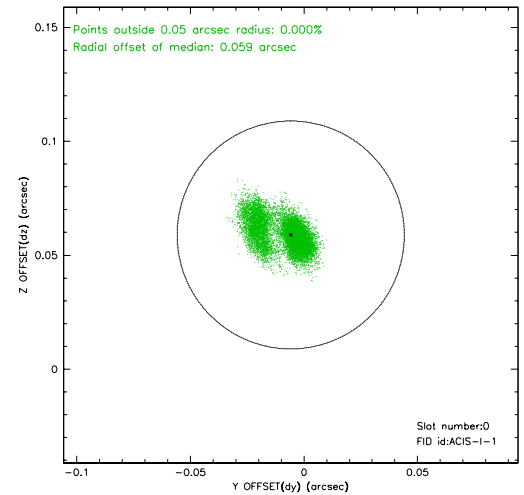
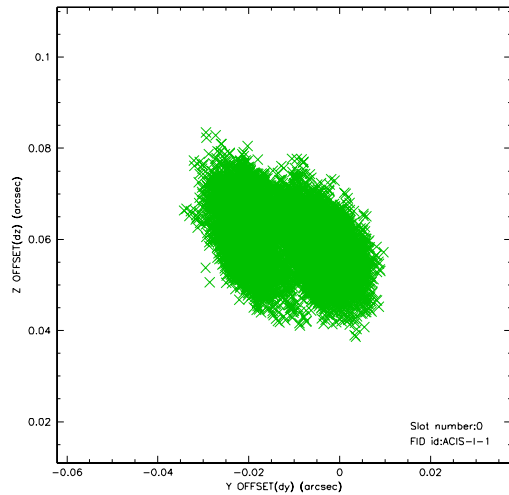


2.4.5 Slot 7

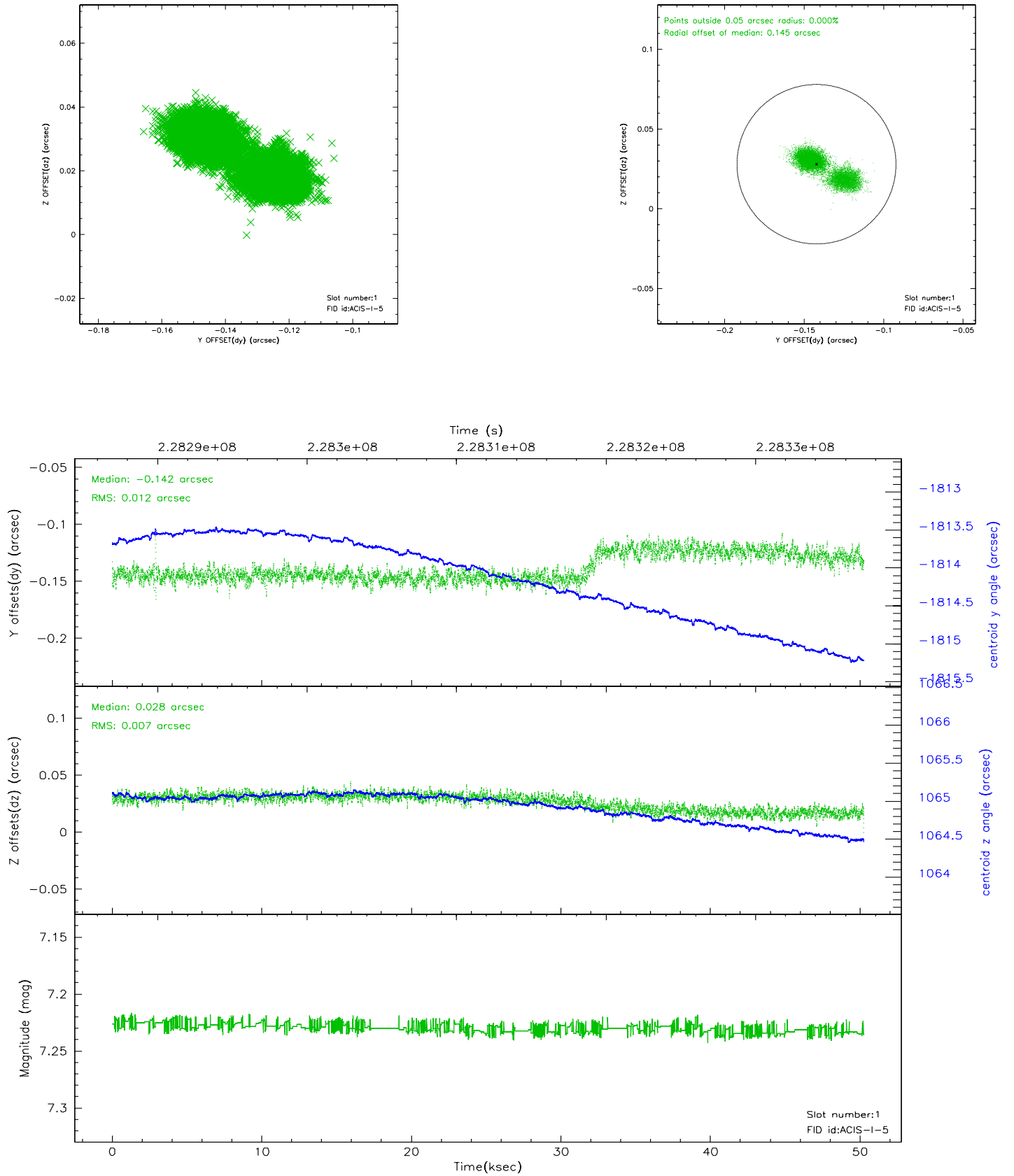


2.5 FID Slots

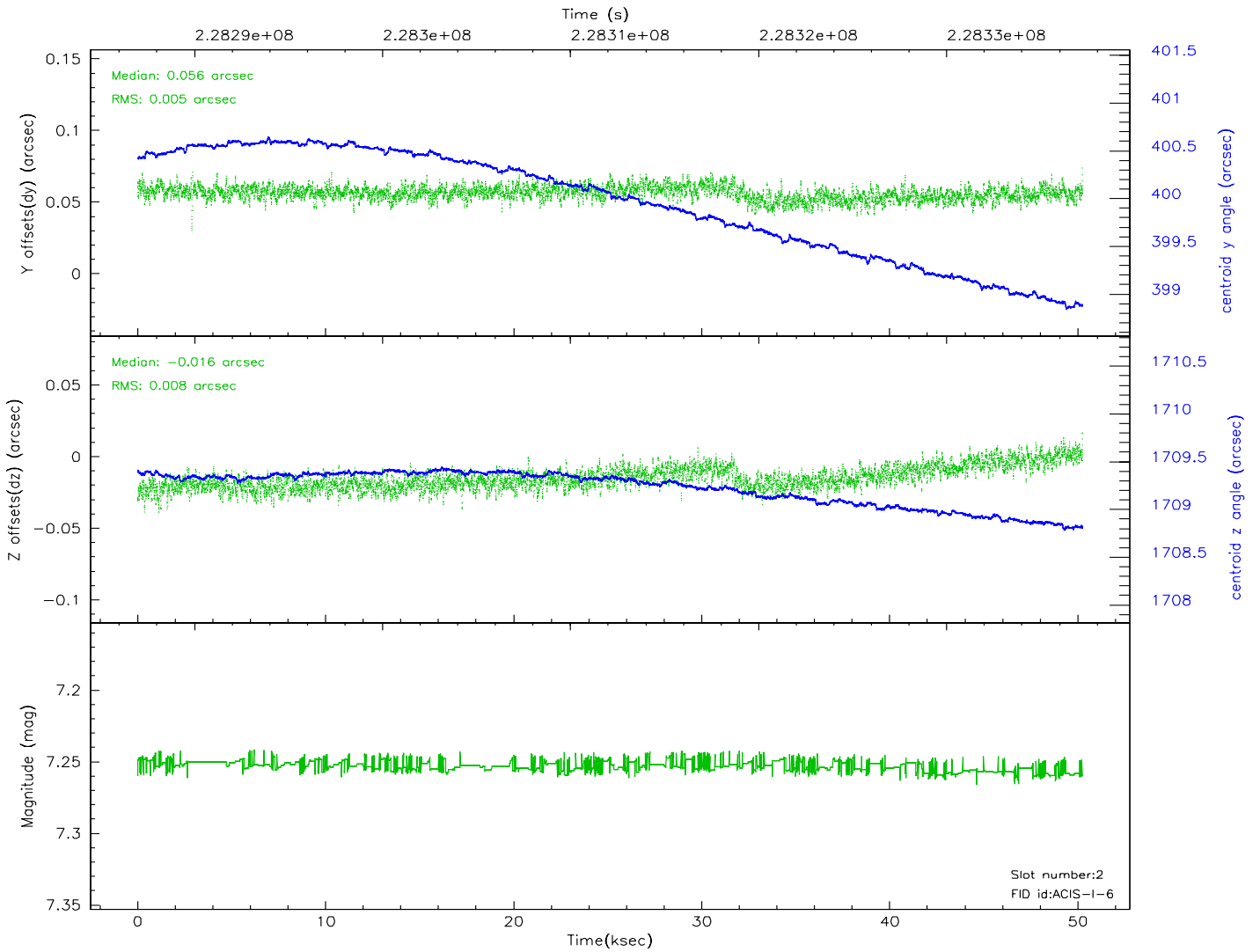
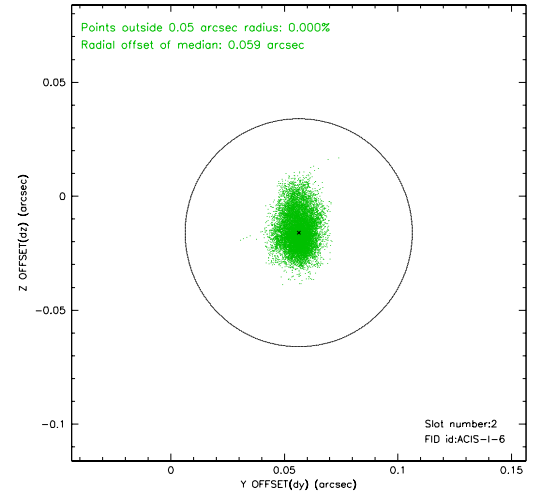
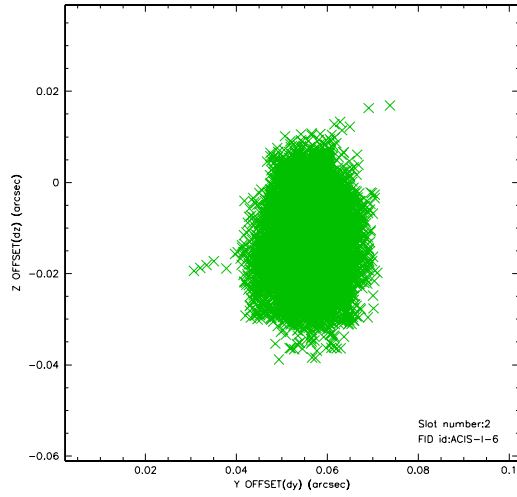
2.5.1 Slot 0



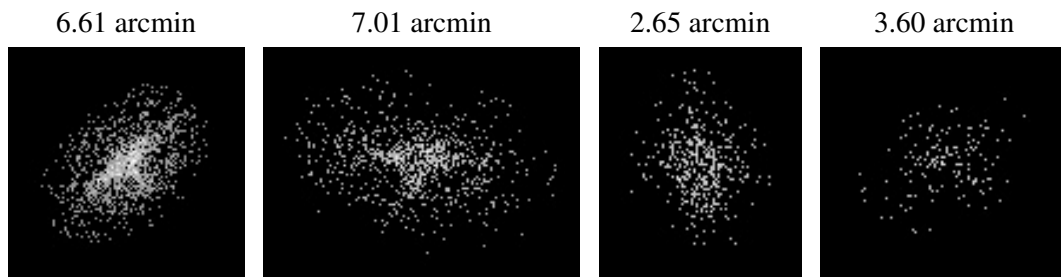
2.5.2 Slot 1



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	50.05259

A.2 Comments

Roll constraint met.