

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5844 - L2 Version 002
Chandra X-Ray Center

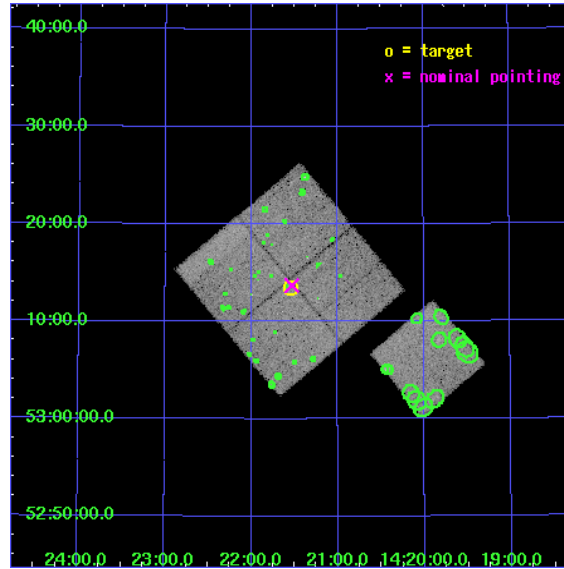
L2 Processing Date : Mar 17 2006

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1 Front

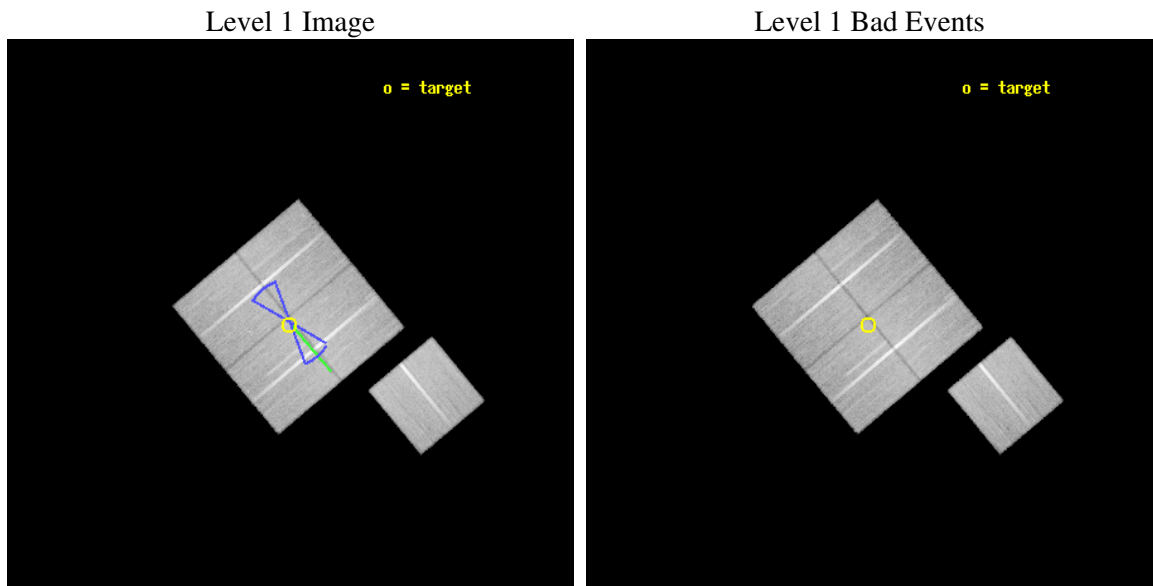
seq_num	900349
obs_id	5844
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Dr Kirpal Nandra
object	EGS-2
dtcycle	0
cycle	P
ra_targ	215.386246
dec_targ	53.224361
ra_nom	215.38273855629
dec_nom	53.228476312131
roll_nom	140.14288649303
revision	2
ontime	46453.376960069
livetime	45846.429391607
ontime0	46450.236079216
ontime1	46447.094929814
ontime2	46453.376940072
ontime3	46453.376960069
ontime6	46462.799910665
l2events	120059



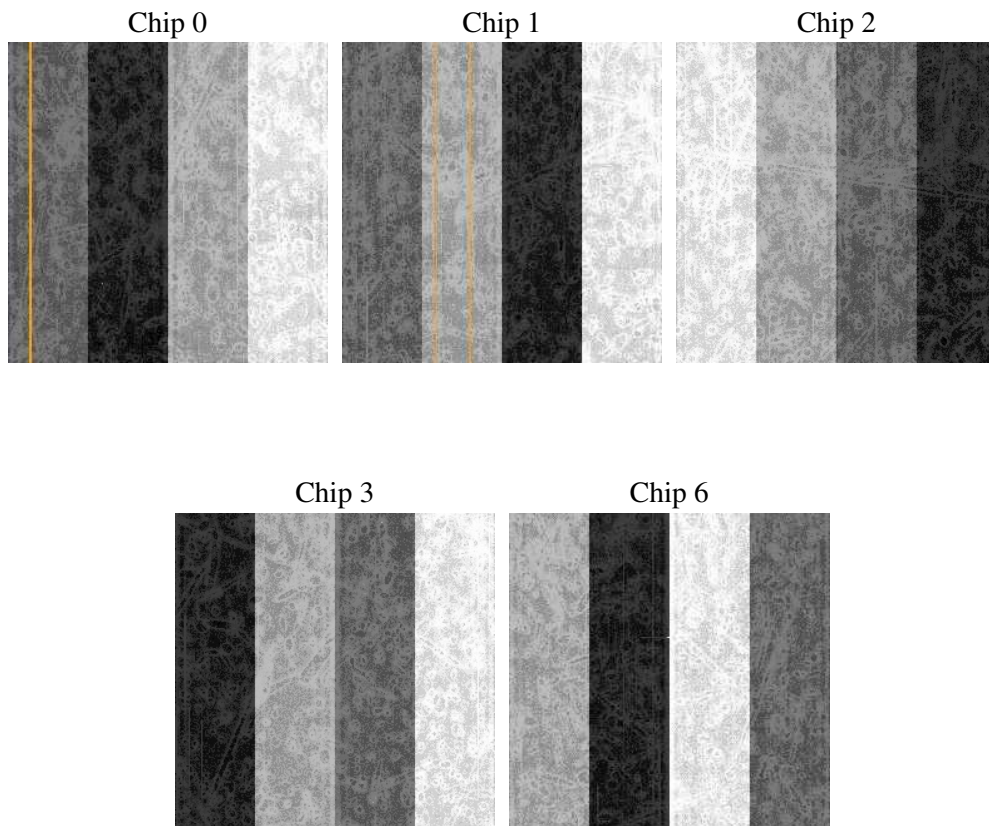
2 OBI

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	2006-03-17T12:45:38
revision	2

sched_exp_time	46400.000000
ontime	46458.663268536
ontime0	46455.522387683
ontime1	46452.381238282
ontime2	46458.663248539
ontime3	46458.663268536
ontime6	46468.086219132
l1events	1397942

2.1.4 Events

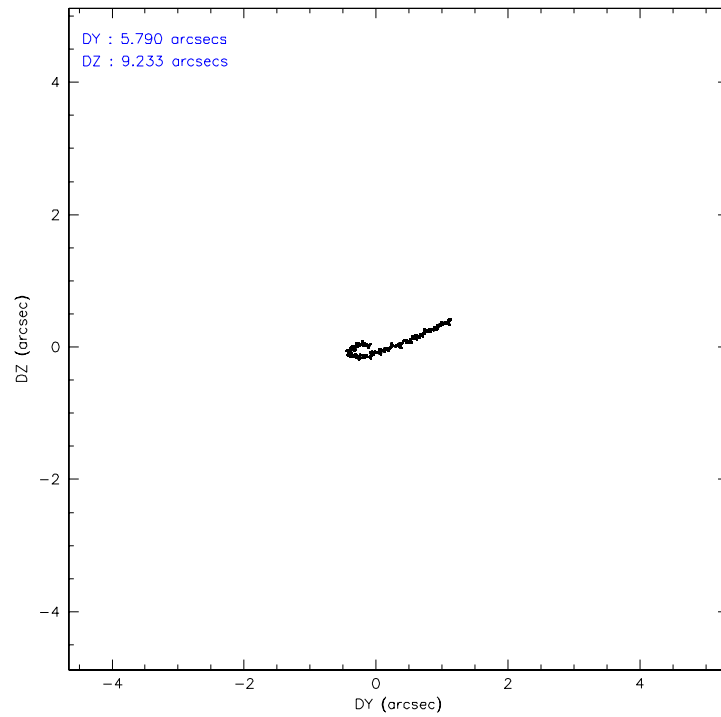
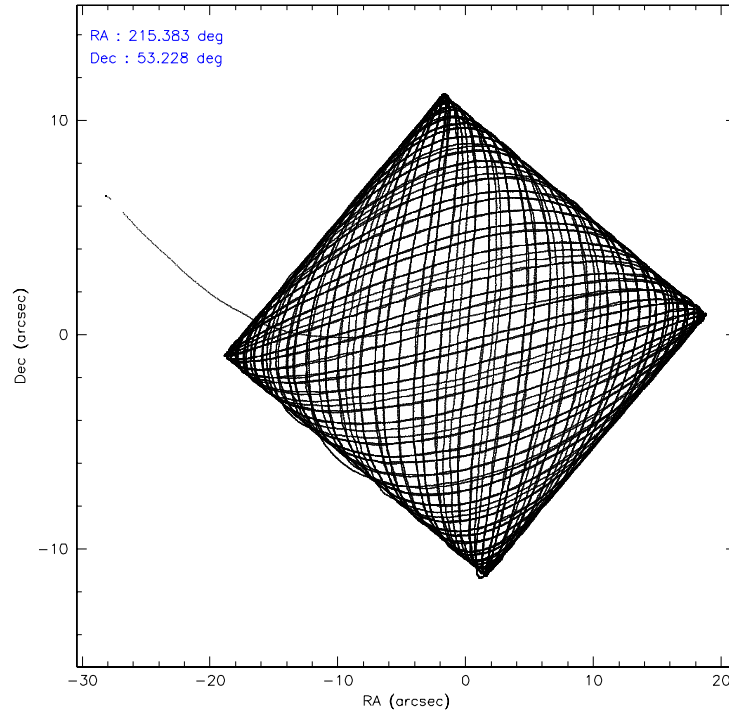
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	265619	264896	295093	281844	290490
rejected events	236650	232993	267759	255122	261389
rejected %	89%	87%	90%	90%	89%

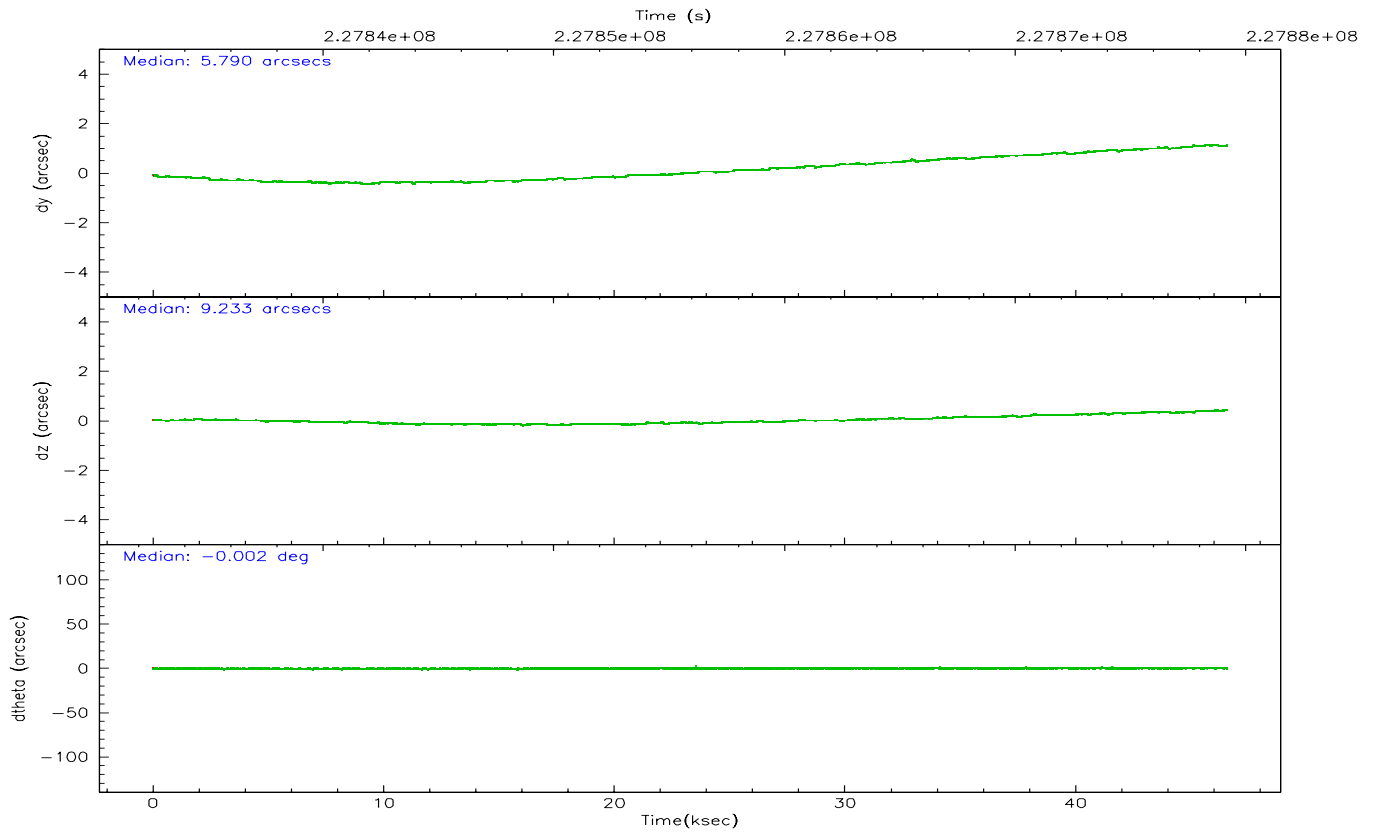
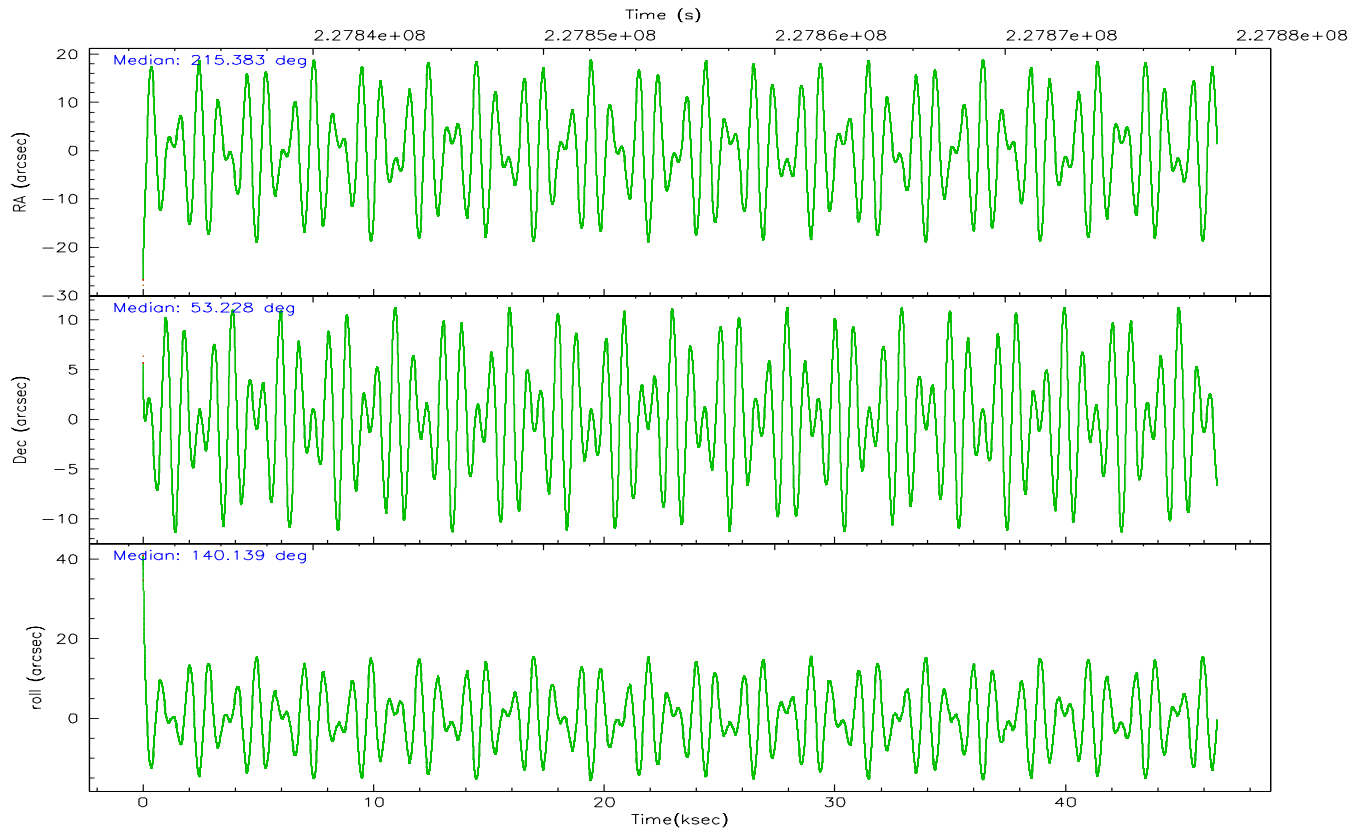
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	10105	11587	9476	9358	10087
	3%	4%	3%	3%	3%
grade 1 events	142	133	141	182	117
	0%	0%	0%	0%	0%
grade 2 events	6852	7009	6470	5859	6310
	2%	2%	2%	2%	2%
grade 3 events	3359	3592	2995	3064	3231
	1%	1%	1%	1%	1%
grade 4 events	3143	3457	3135	3162	3151
	1%	1%	1%	1%	1%
grade 5 events	10179	11073	9586	11318	11357
	3%	4%	3%	4%	3%
grade 6 events	5515	6262	5261	5283	6323
	2%	2%	1%	1%	2%
grade 7 events	226324	221783	258029	243618	249914
	85%	83%	87%	86%	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	215.427811	215.3827385562916	Alternating exposures requested	N	N
Pointing Dec	53.223888	53.2284763121311	Primary exposure time	0.000000	3.1
Pointing Roll	139.898090	140.1428864930257			
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	227832796.184000	227831860.79934			
Observation start date	2005-03-21T22:52:12	2005-03-21T22:37:40			
Observation end time	227879196.184000	227879652.96401			
Observation end date	2005-03-22T11:45:32	2005-03-22T11:54:12			
Read mode	TIMED	TIMED			

2.3 Aspect



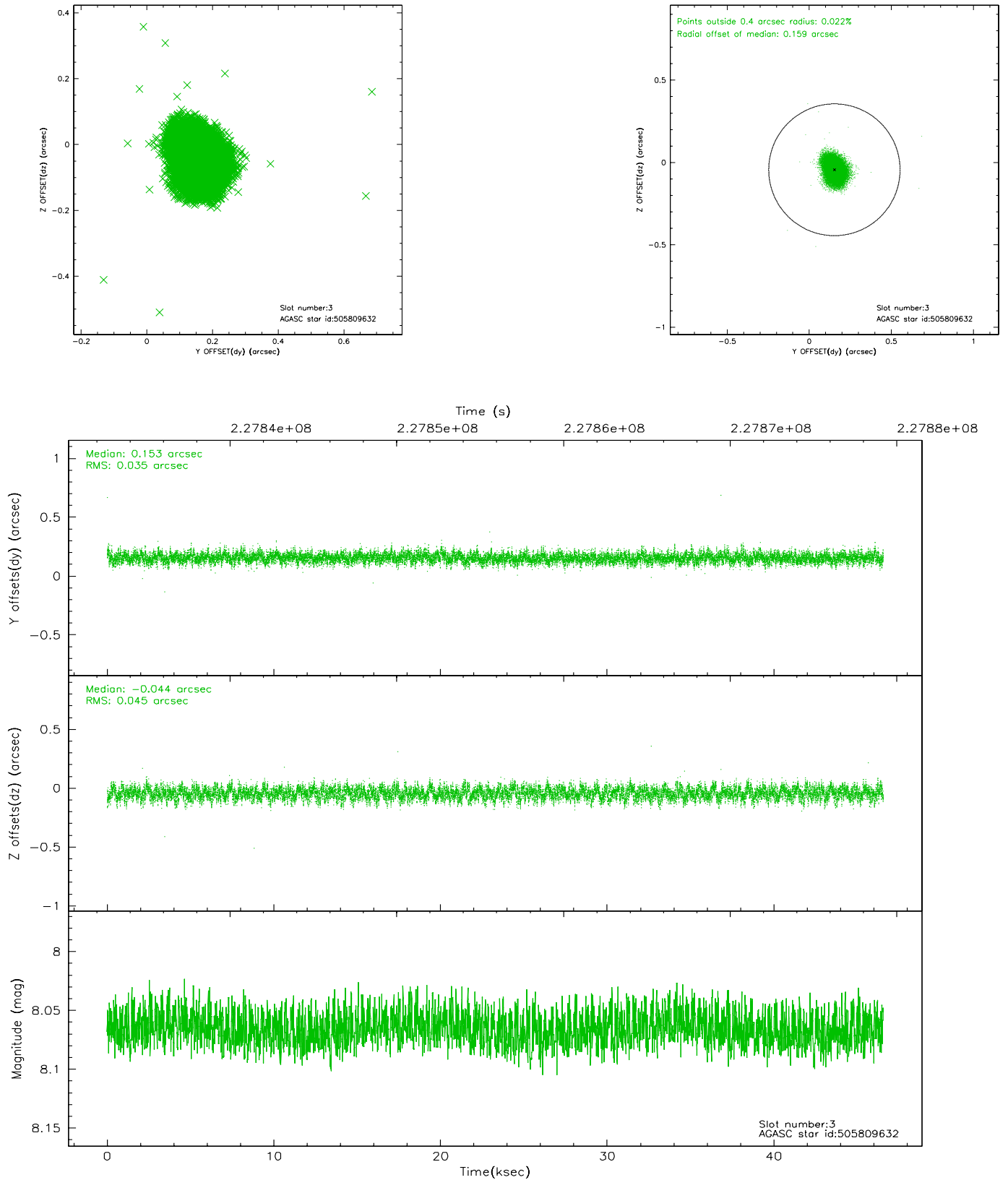


Slot Statistics

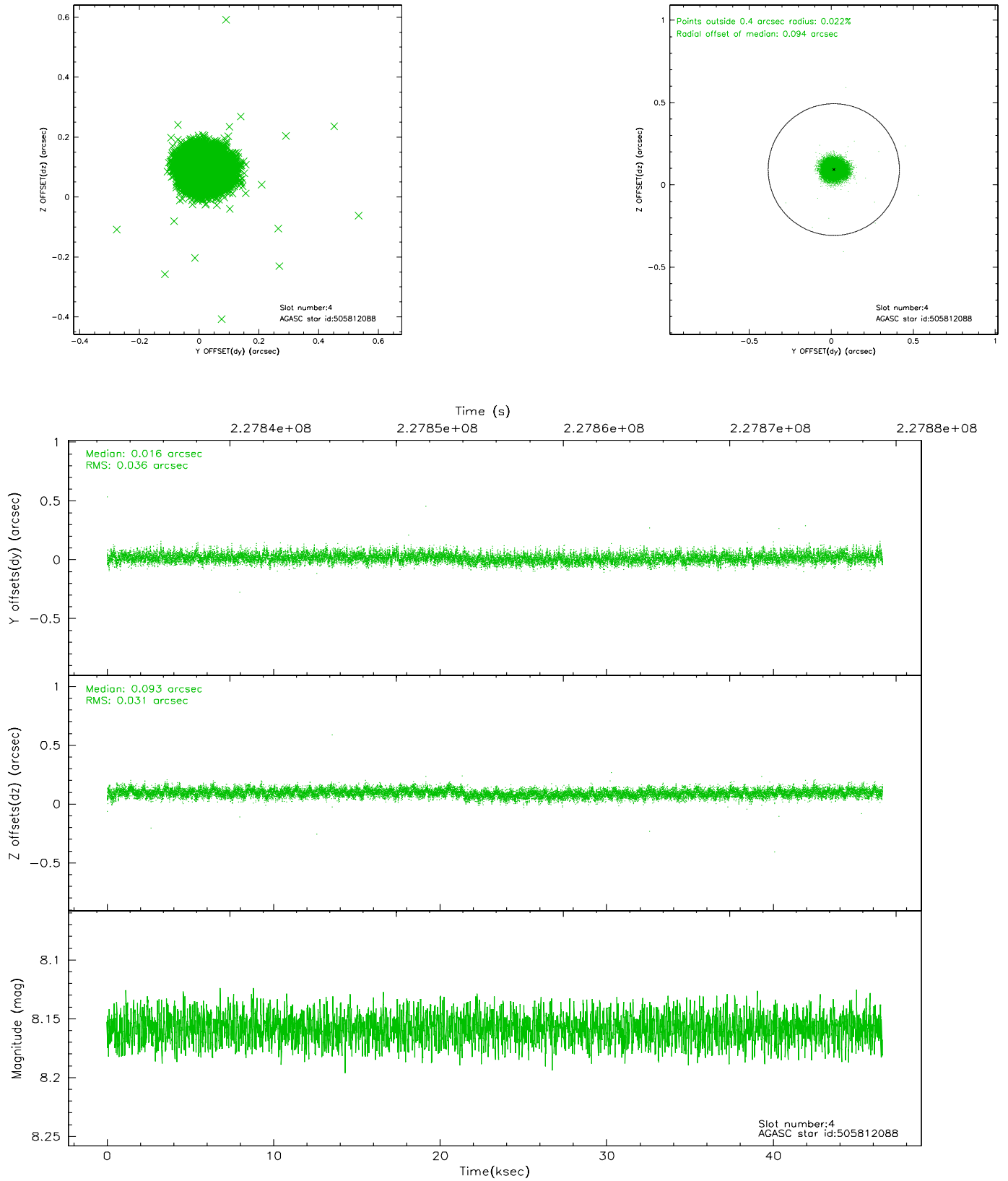
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	11358	-0.014	0.059	0.012	0.018	0.000000	0.000000	933.76	-832.65
1	FID	ACIS-I-5	7.23	11358	-0.132	0.023	0.015	0.022	0.000000	0.000000	-1814.49	1064.78
2	FID	ACIS-I-6	7.25	11358	0.057	-0.012	0.011	0.018	0.000000	0.000000	399.36	1709.26
3	GUIDE	505809632	8.07	22713	0.153	-0.044	0.060	0.098	215.499426	53.521185	572.71	-917.13
4	GUIDE	505812088	8.16	22713	0.016	0.093	0.050	0.082	214.186617	53.263562	2151.40	1595.08
5	GUIDE	505815088	7.28	22714	-0.016	-0.051	0.057	0.088	216.315963	53.584954	-607.01	-2225.57
6	GUIDE	505815928	8.31	22708	-0.033	0.029	0.063	0.102	216.234742	53.074559	-1674.59	-720.36
7	GUIDE	505817384	8.07	22705	-0.120	-0.027	0.073	0.116	216.827424	53.311152	-2080.23	-2202.09

2.4 Star Slots

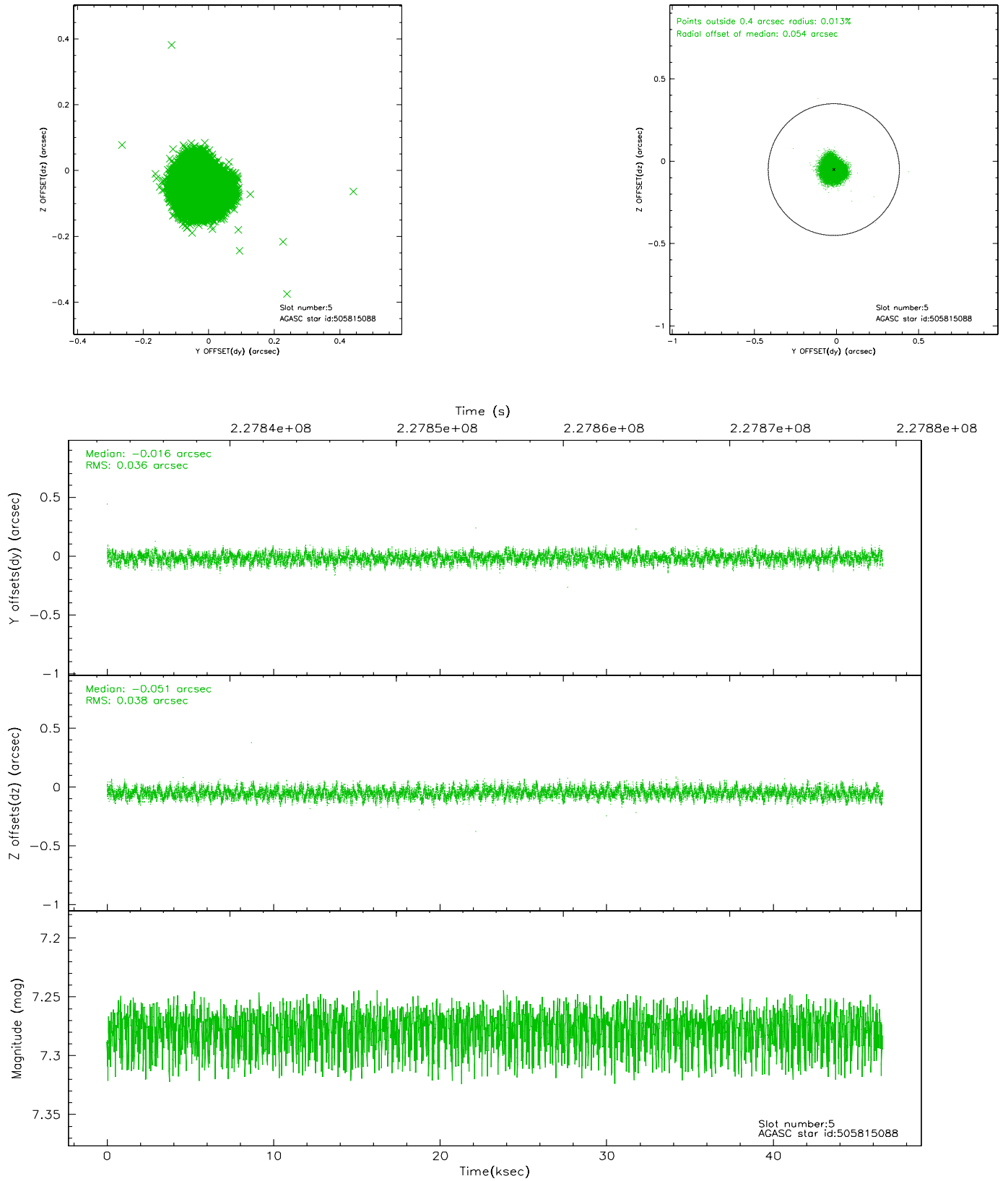
2.4.1 Slot 3



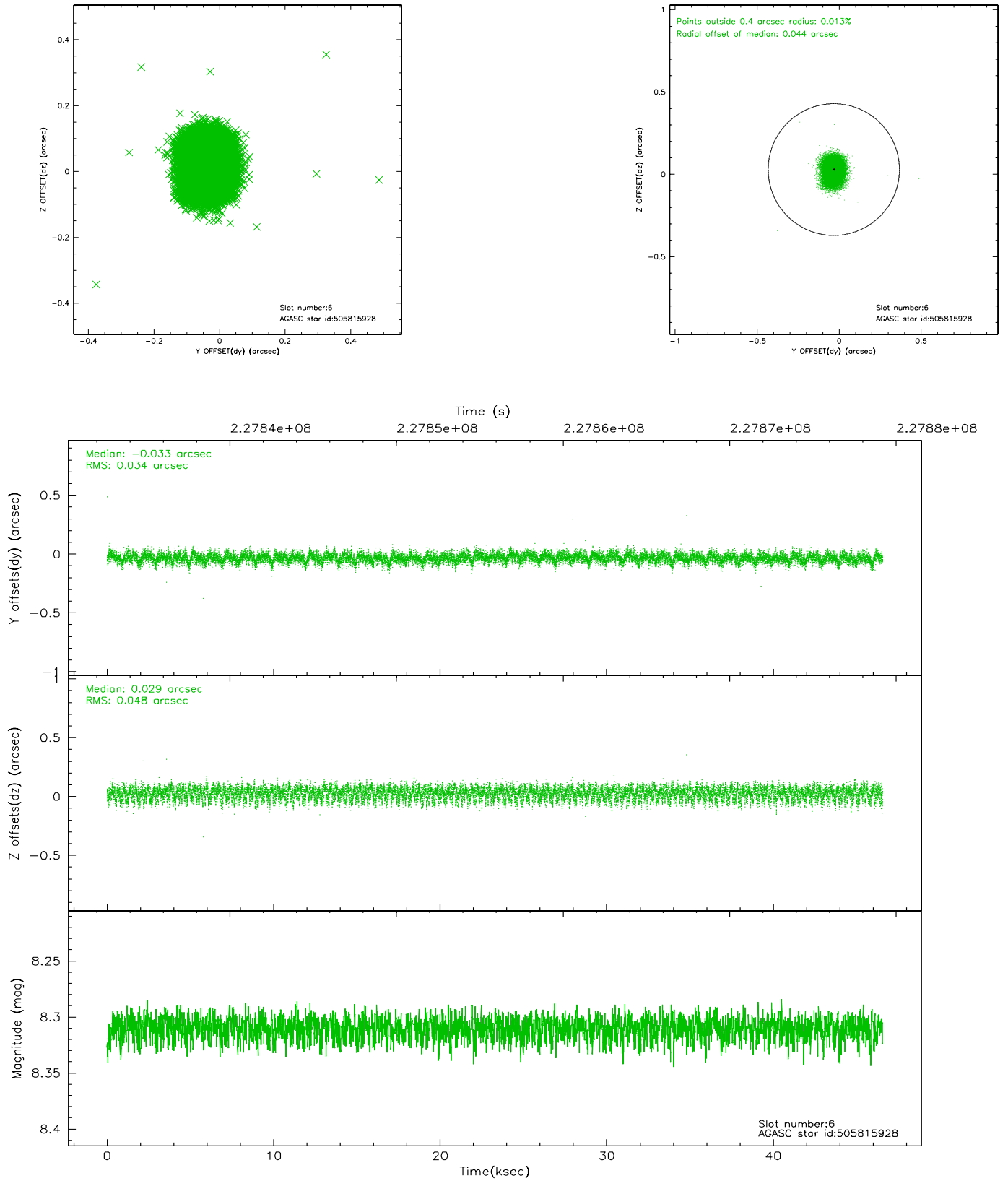
2.4.2 Slot 4



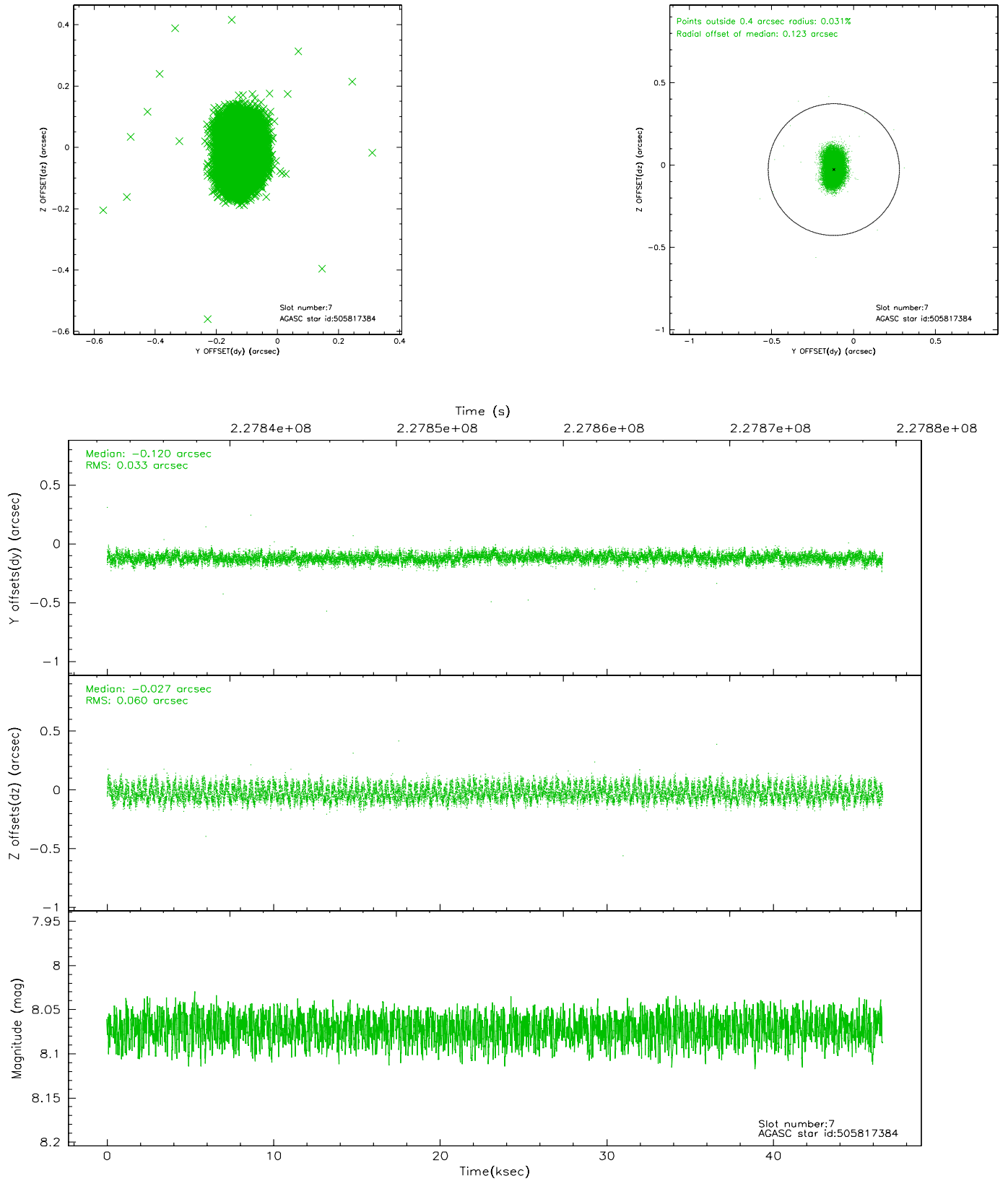
2.4.3 Slot 5



2.4.4 Slot 6

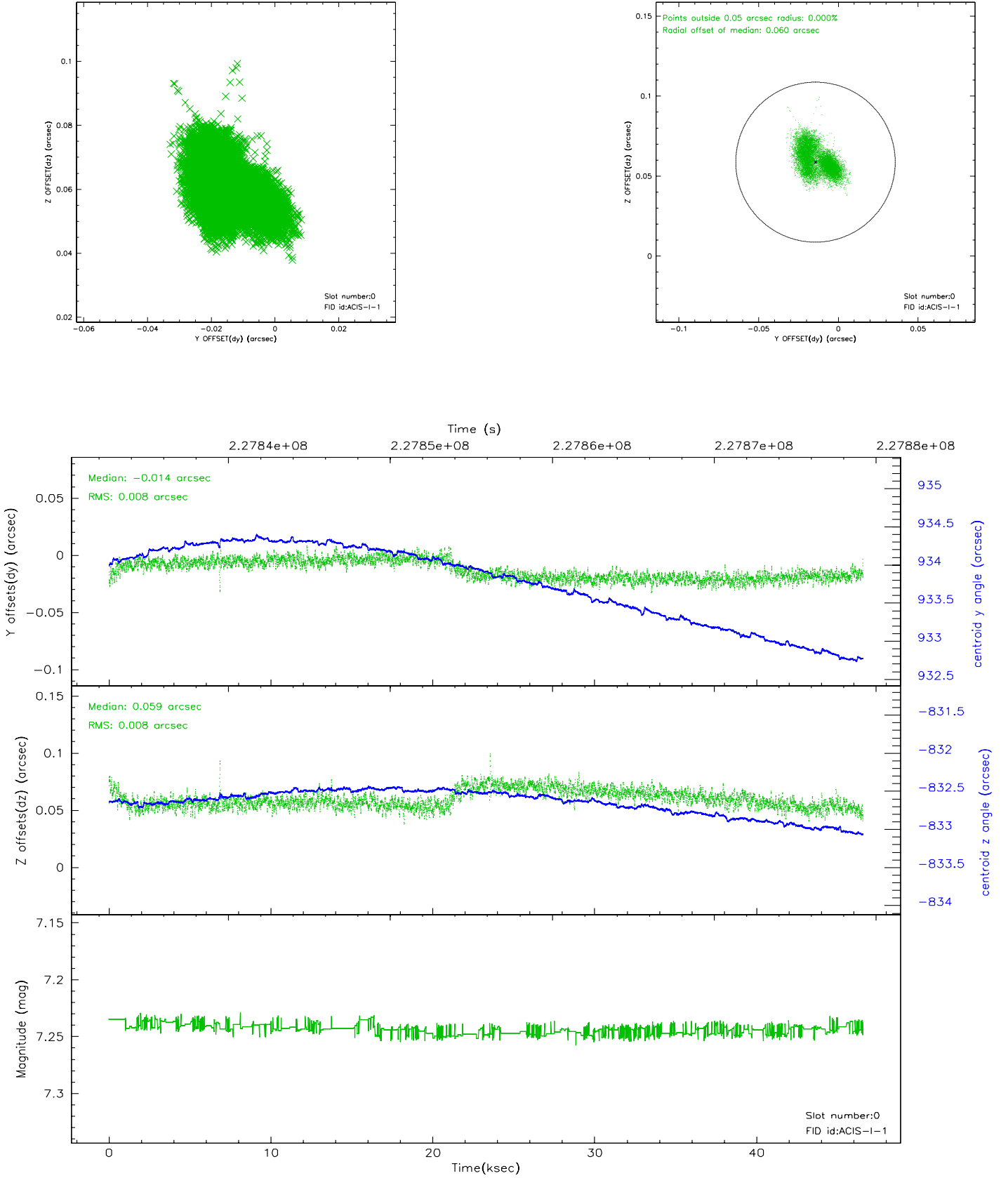


2.4.5 Slot 7

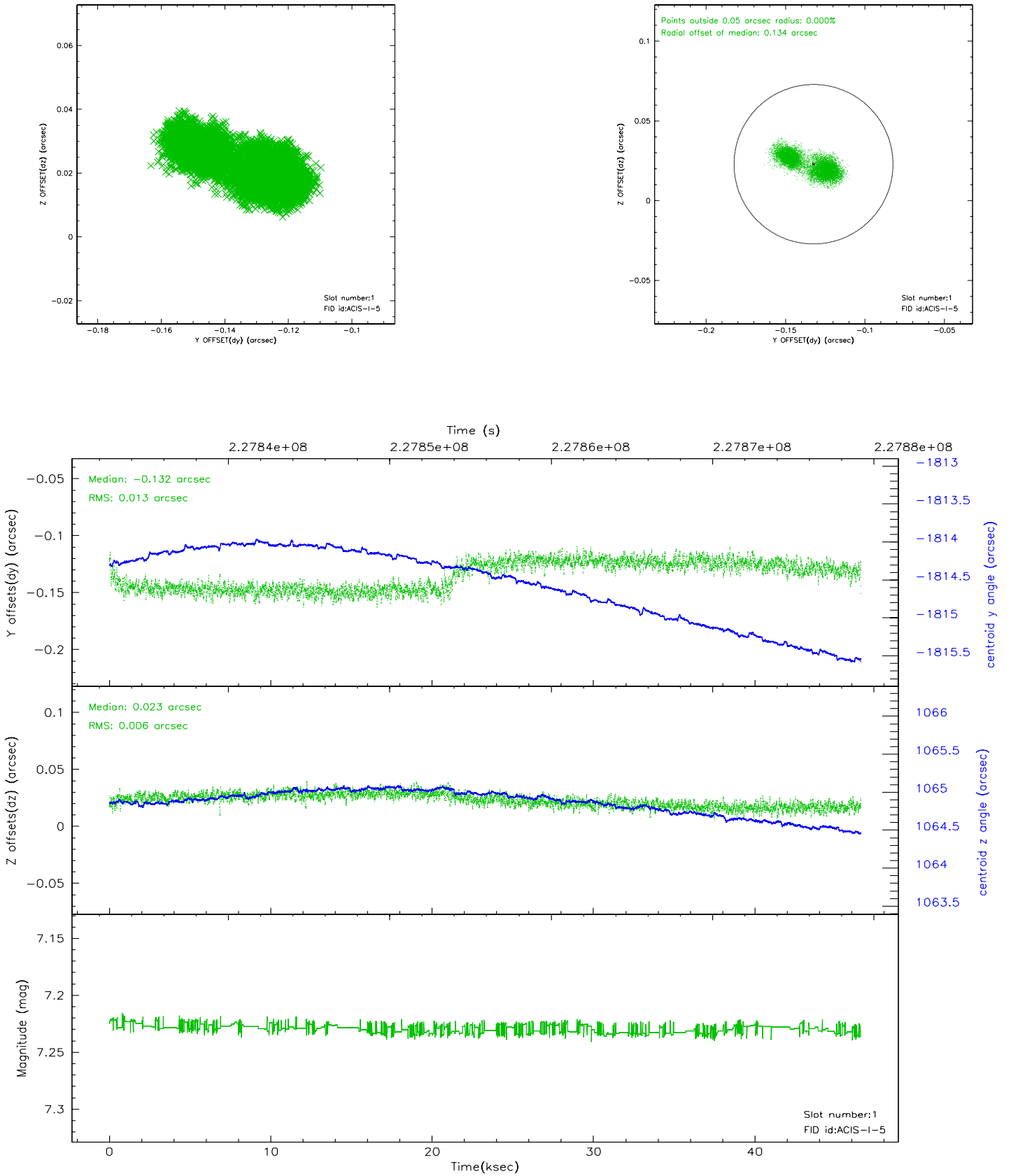


2.5 FID Slots

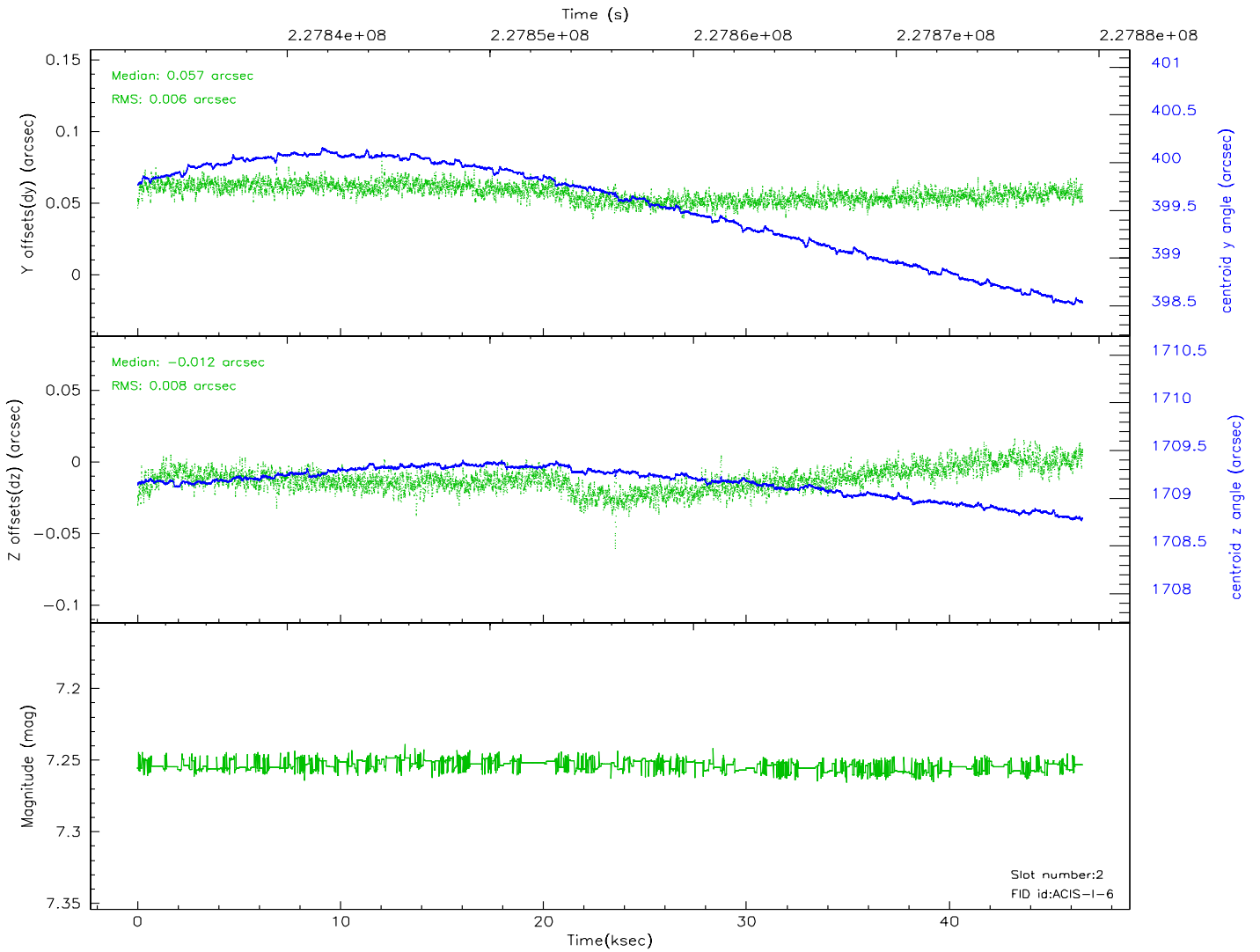
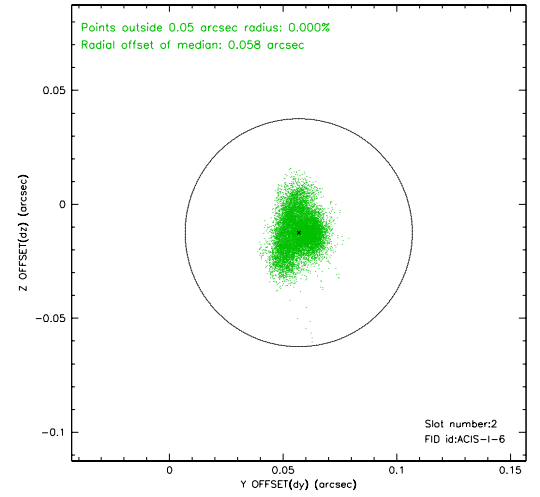
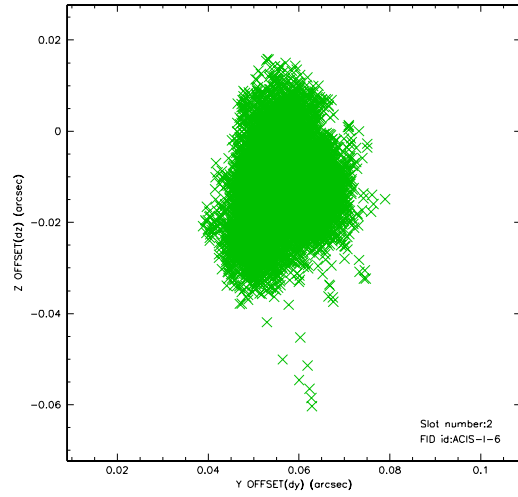
2.5.1 Slot 0



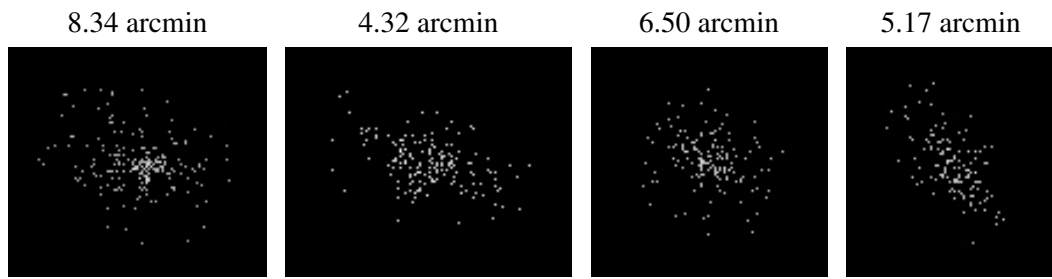
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.45337

A.2 Comments

Roll constraint met.