

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6210 - L2 Version 002
Chandra X-Ray Center

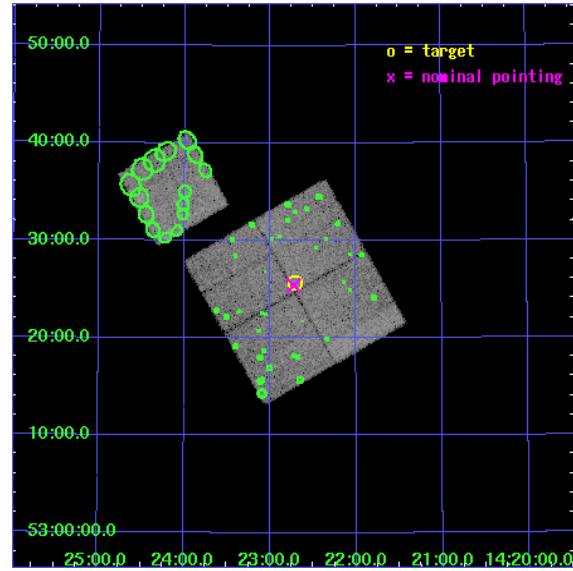
L2 Processing Date : Mar 31 2006

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1 Front

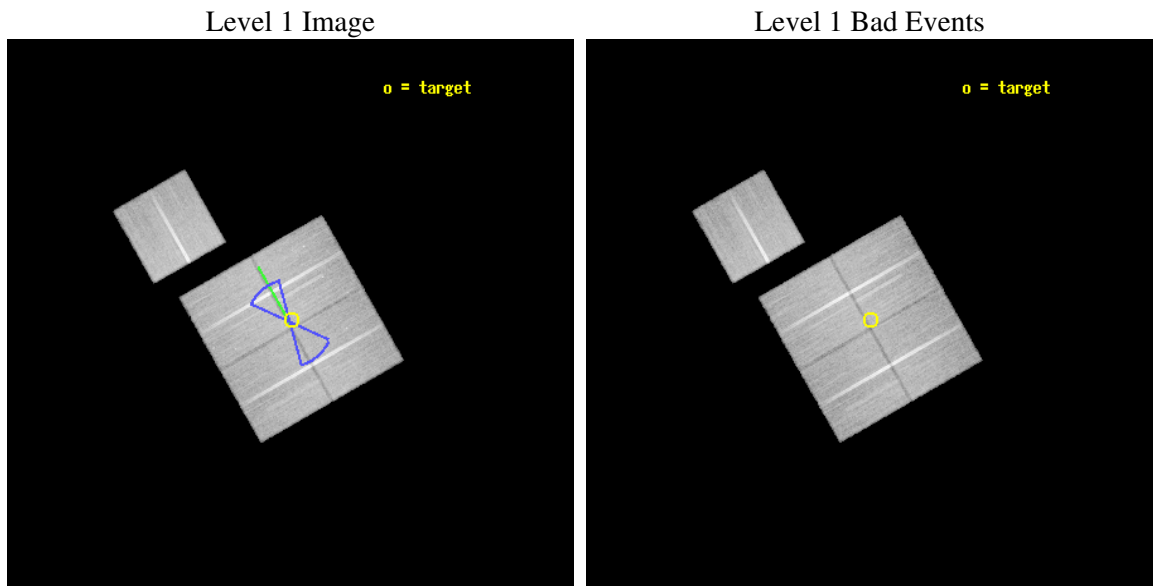
seq_num	900348
obs_id	6210
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-1
dtcycle	0
cycle	P
ra_targ	215.676254
dec_targ	53.427086
ra_nom	215.68093600903
dec_nom	53.42340554242
roll_nom	330.30123502474
revision	2
ontime	46549.558920324
livetime	45941.354663743
ontime0	46540.136009544
ontime1	46546.417979956
ontime2	46540.135949761
ontime3	46549.558920324
ontime6	46546.417970002
l2events	122884



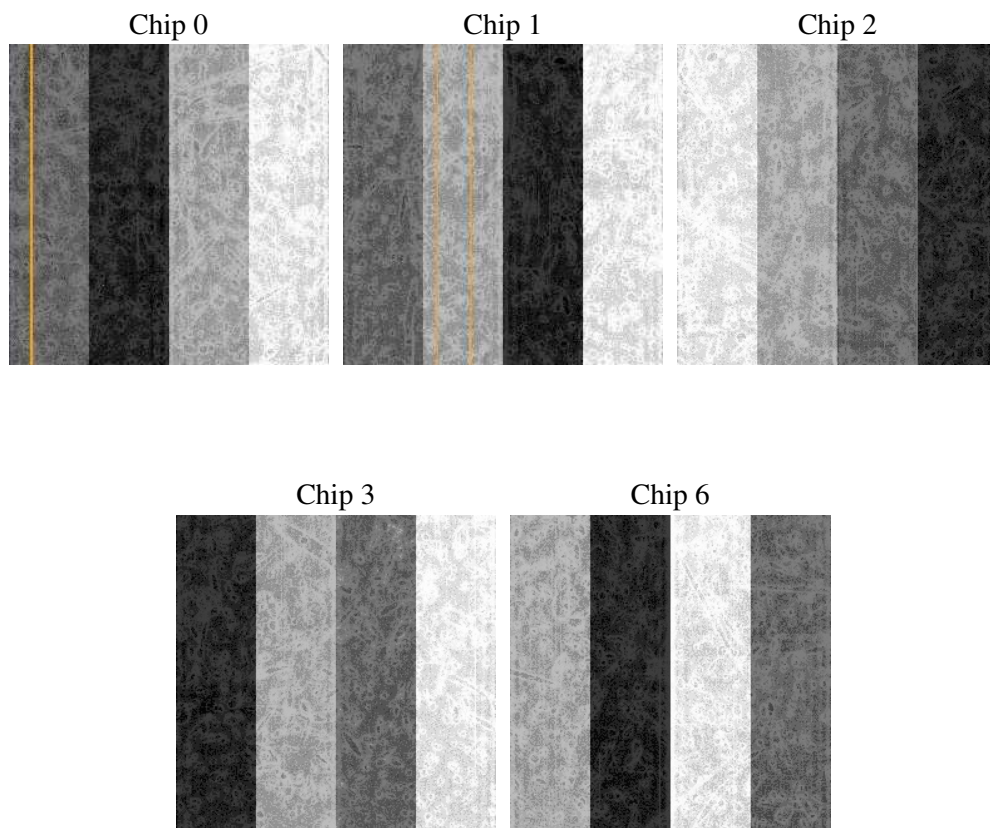
2 OBI

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	2006-03-31T17:16:37
revision	2

sched_exp_time	46400.000000
ontime	46964.277481586
ontime0	46954.854550928
ontime1	46961.136541218
ontime2	46954.854511023
ontime3	46964.277481586
ontime6	46961.136531264
l1events	1415011

2.1.4 Events

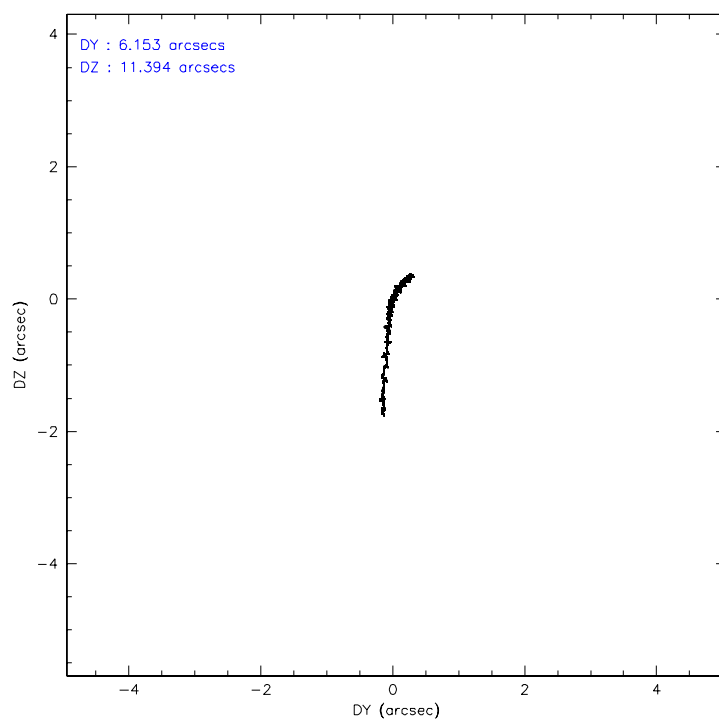
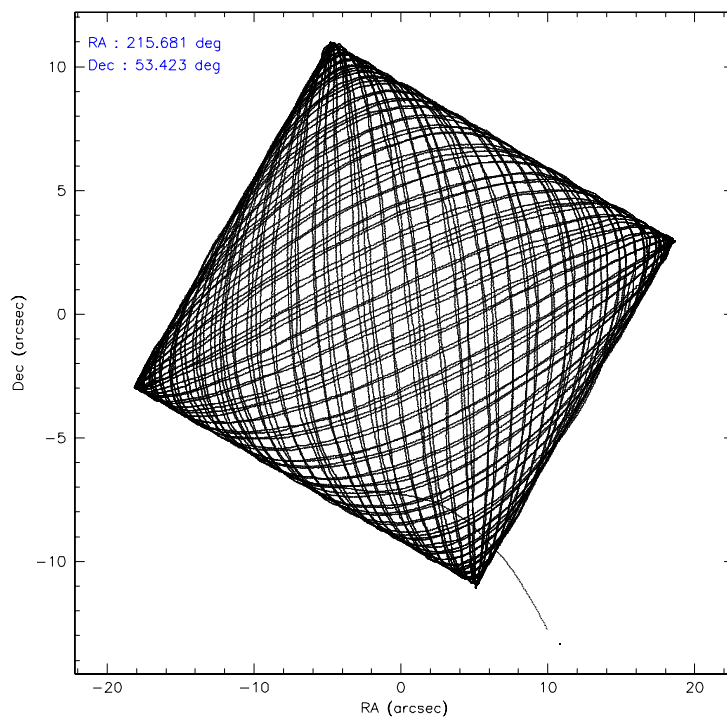
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	270850	269164	301876	286529	286592
rejected events	241779	237017	273314	258948	256698
rejected %	89%	88%	90%	90%	89%

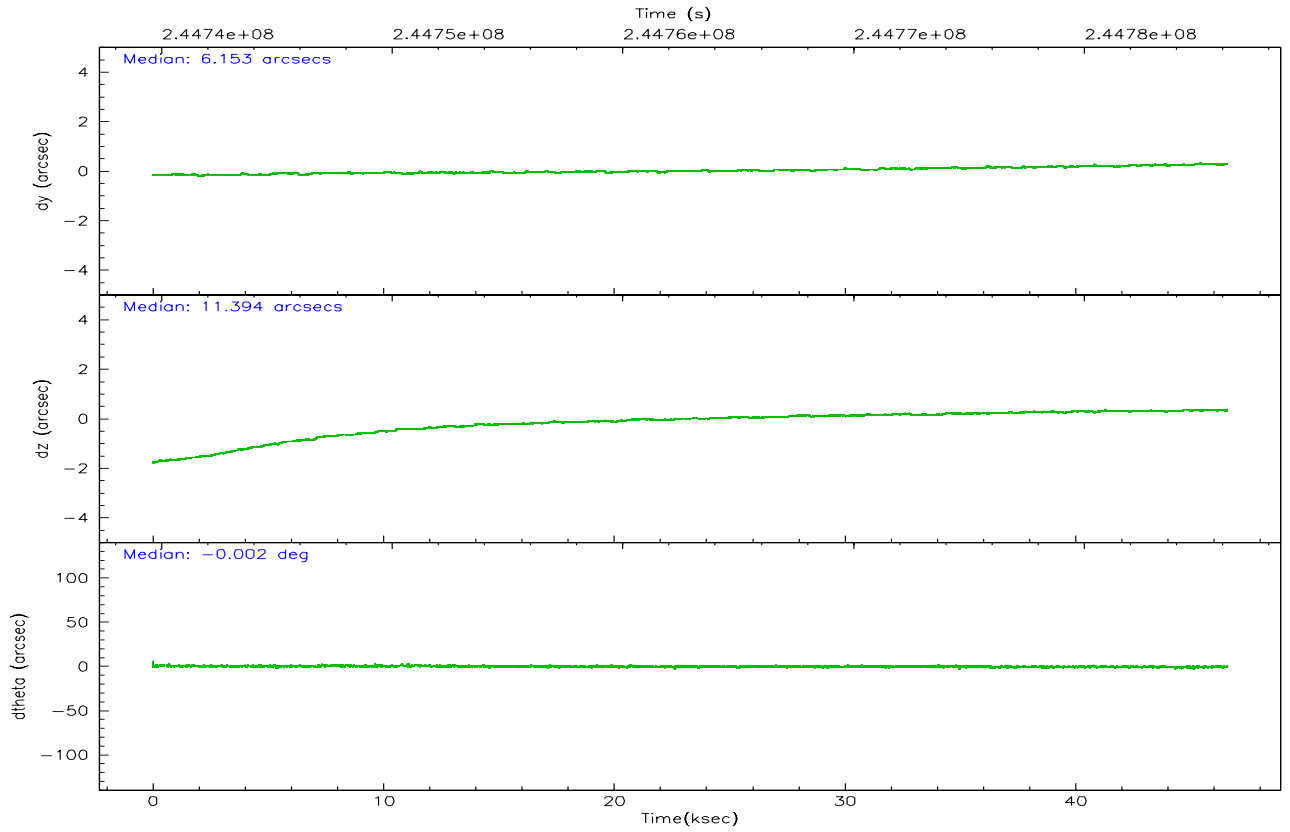
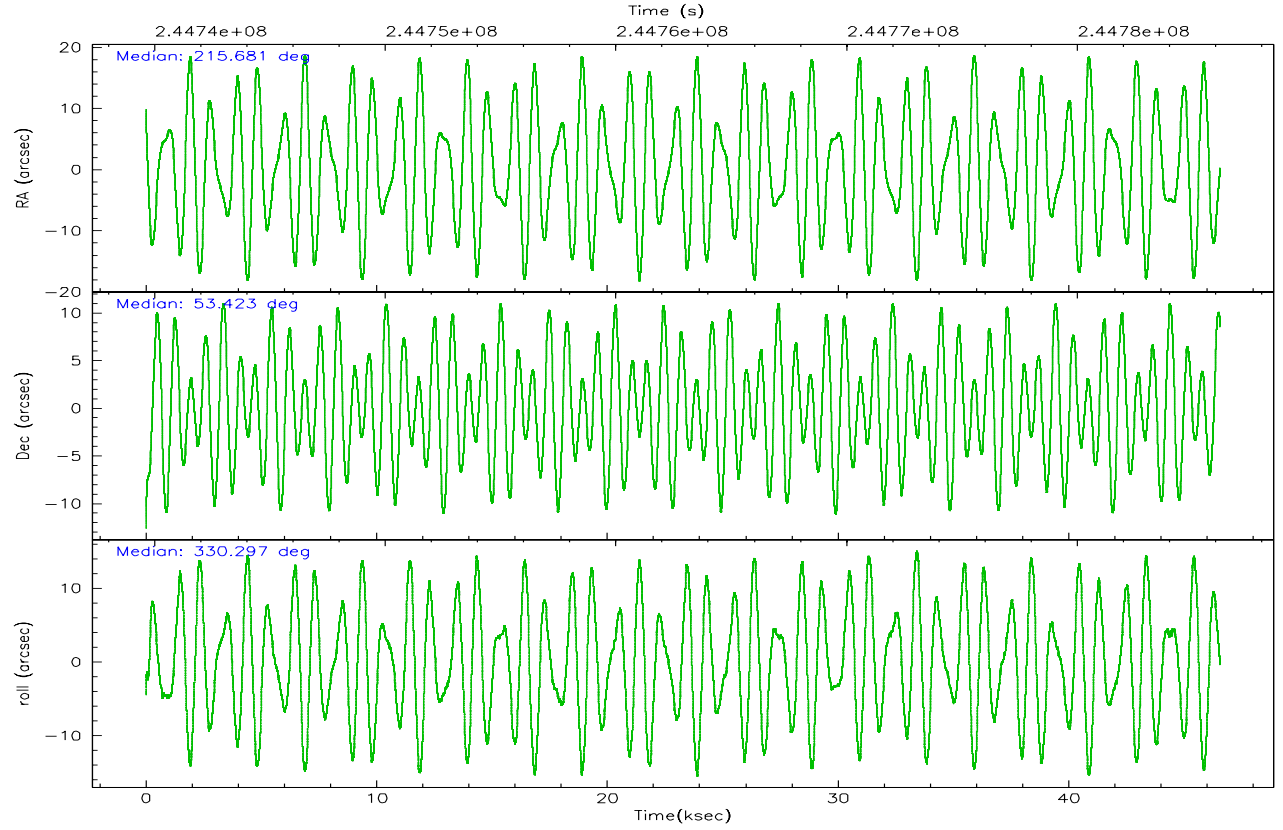
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	10123	11701	10281	9956	10473
	3%	4%	3%	3%	3%
grade 1 events	151	147	154	153	134
	0%	0%	0%	0%	0%
grade 2 events	6949	7135	7007	6170	6482
	2%	2%	2%	2%	2%
grade 3 events	3422	3601	3138	3120	3398
	1%	1%	1%	1%	1%
grade 4 events	3180	3454	3230	3066	3407
	1%	1%	1%	1%	1%
grade 5 events	10088	11264	9550	11667	12056
	3%	4%	3%	4%	4%
grade 6 events	5670	6531	5178	5511	6417
	2%	2%	1%	1%	2%
grade 7 events	231267	225331	263338	246886	244225
	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	215.635023	215.6809360090305	Alternating exposures requested	N	N
Pointing Dec	53.423136	53.4234055424198	Primary exposure time	0.000000	3.1
Pointing Roll	330.129414	330.3012350247395			
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	244739794.184000	244738610.29692			
Observation start date	2005-10-03T15:15:30	2005-10-03T14:56:50			
Observation end time	244786194.184000	244786564.92412			
Observation end date	2005-10-04T04:08:50	2005-10-04T04:16:04			
Read mode	TIMED	TIMED			

2.3 Aspect



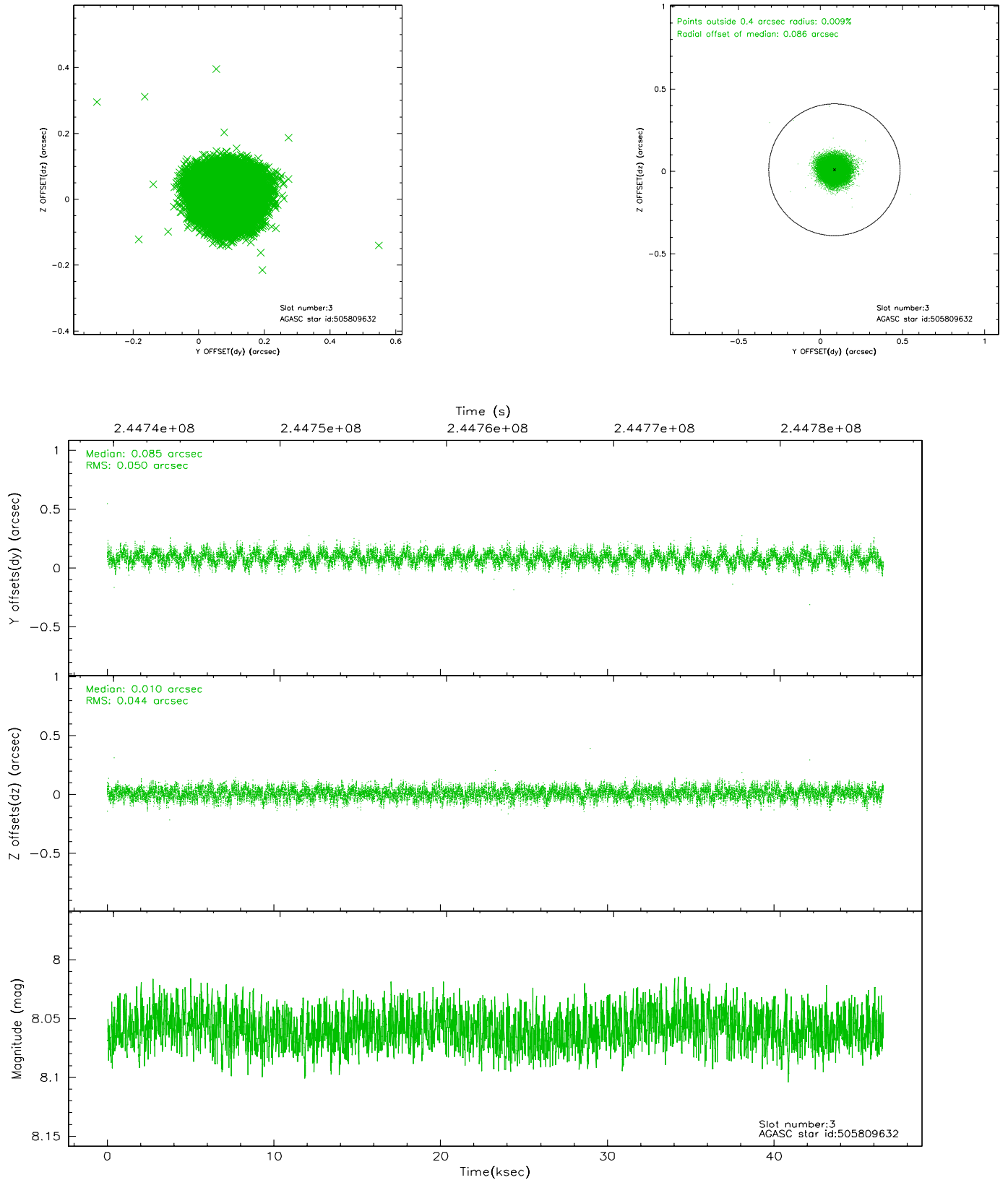


Slot Statistics

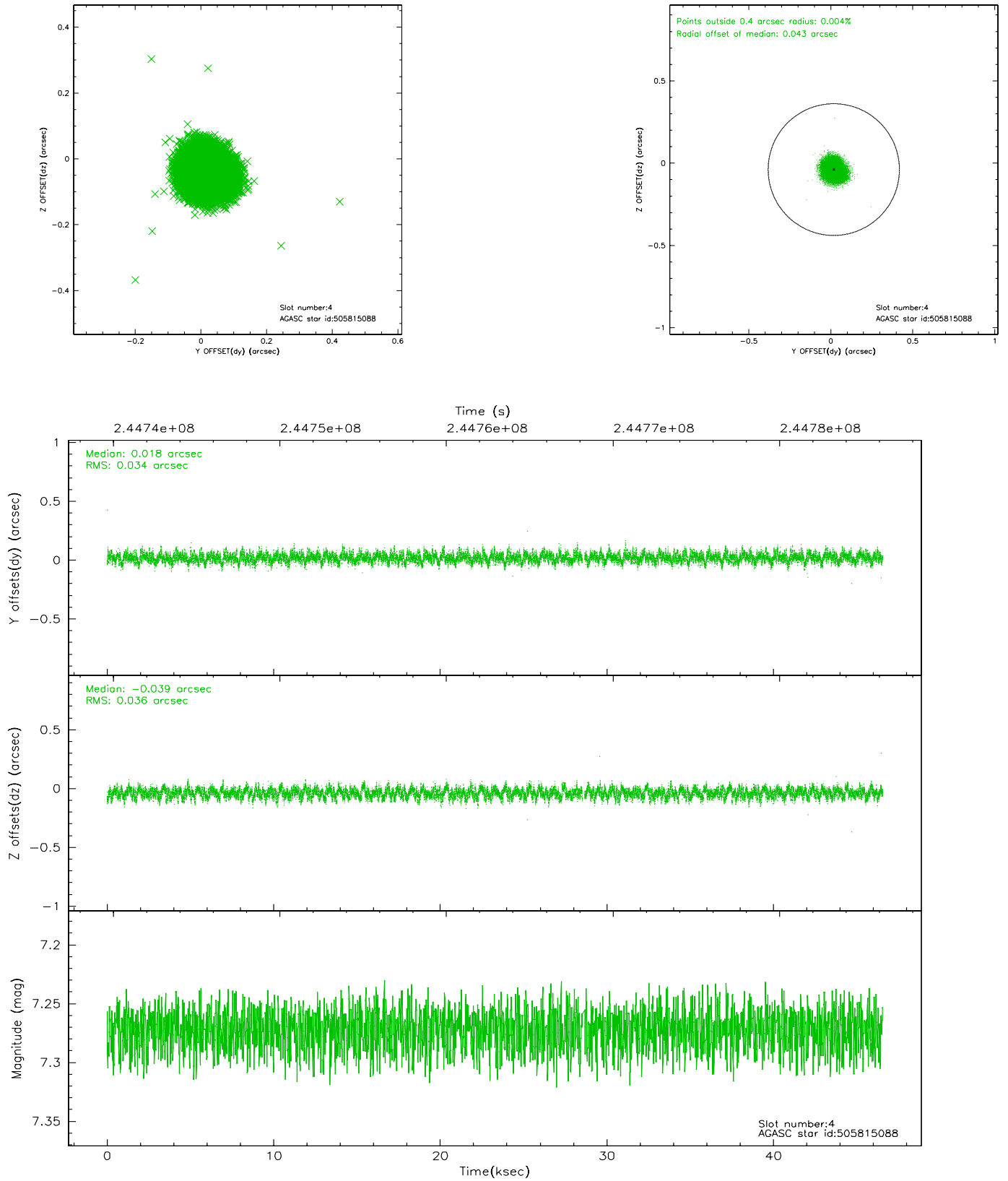
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	11353	-0.057	-0.081	0.019	0.042	0.000000	0.000000	-760.71	-841.15
1	FID	ACIS-I-4	7.18	11355	0.058	0.060	0.009	0.020	0.000000	0.000000	2153.47	1065.16
2	FID	ACIS-I-5	7.22	11355	-0.101	0.090	0.014	0.034	0.000000	0.000000	-1814.59	1063.04
3	GUIDE	505809632	8.06	22707	0.085	0.010	0.072	0.111	215.499426	53.521185	-427.24	161.84
4	GUIDE	505815088	7.27	22638	0.018	-0.039	0.054	0.085	216.315963	53.584954	969.10	1235.94
5	GUIDE	505815928	8.33	22704	-0.056	0.153	0.057	0.091	216.234742	53.074559	1747.33	-437.03
6	GUIDE	505817176	8.24	22709	-0.013	-0.052	0.071	0.115	216.408138	53.717379	896.16	1746.68
7	GUIDE	505817384	8.09	22707	-0.035	-0.072	0.052	0.083	216.827424	53.311152	2413.42	947.08

2.4 Star Slots

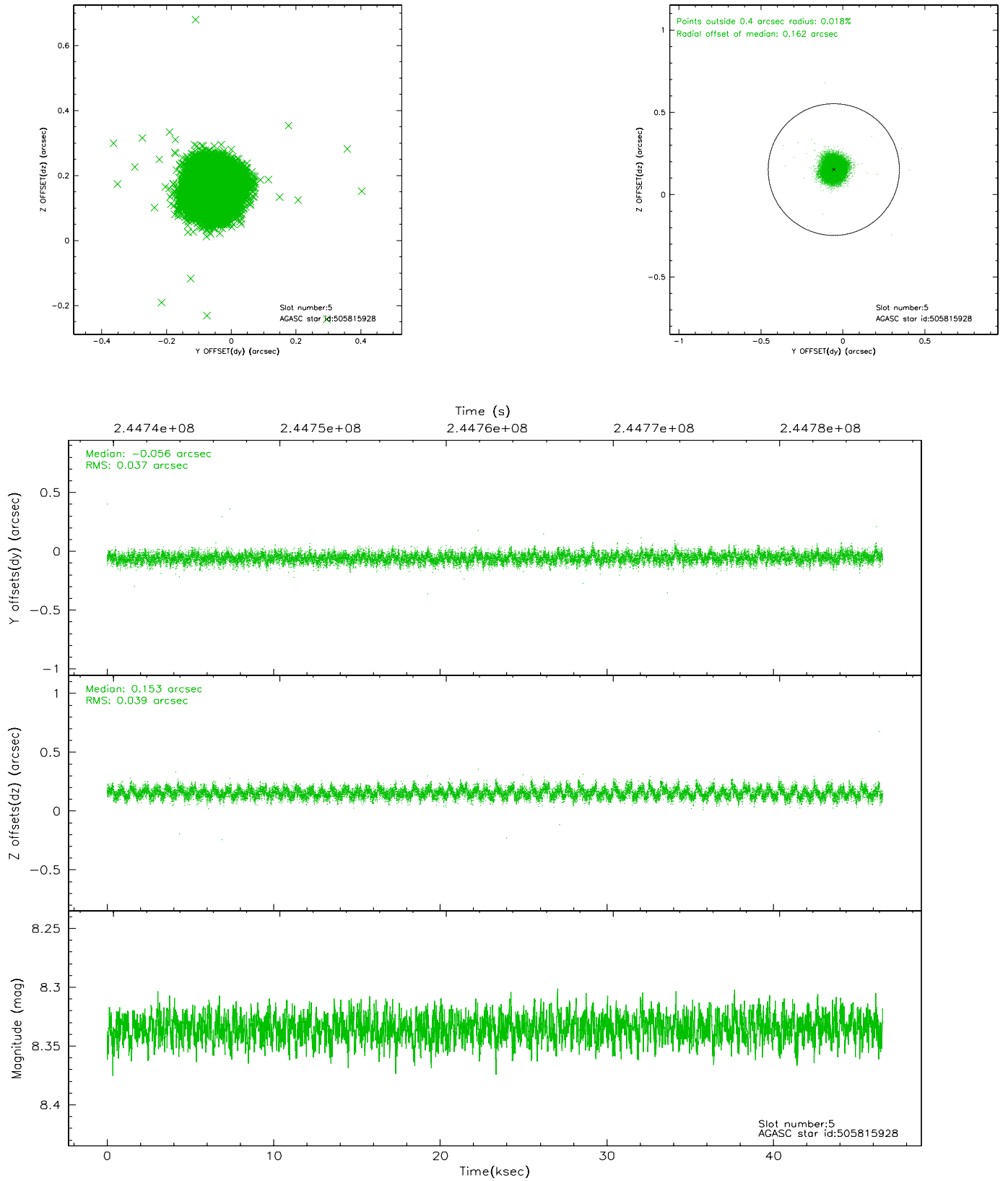
2.4.1 Slot 3



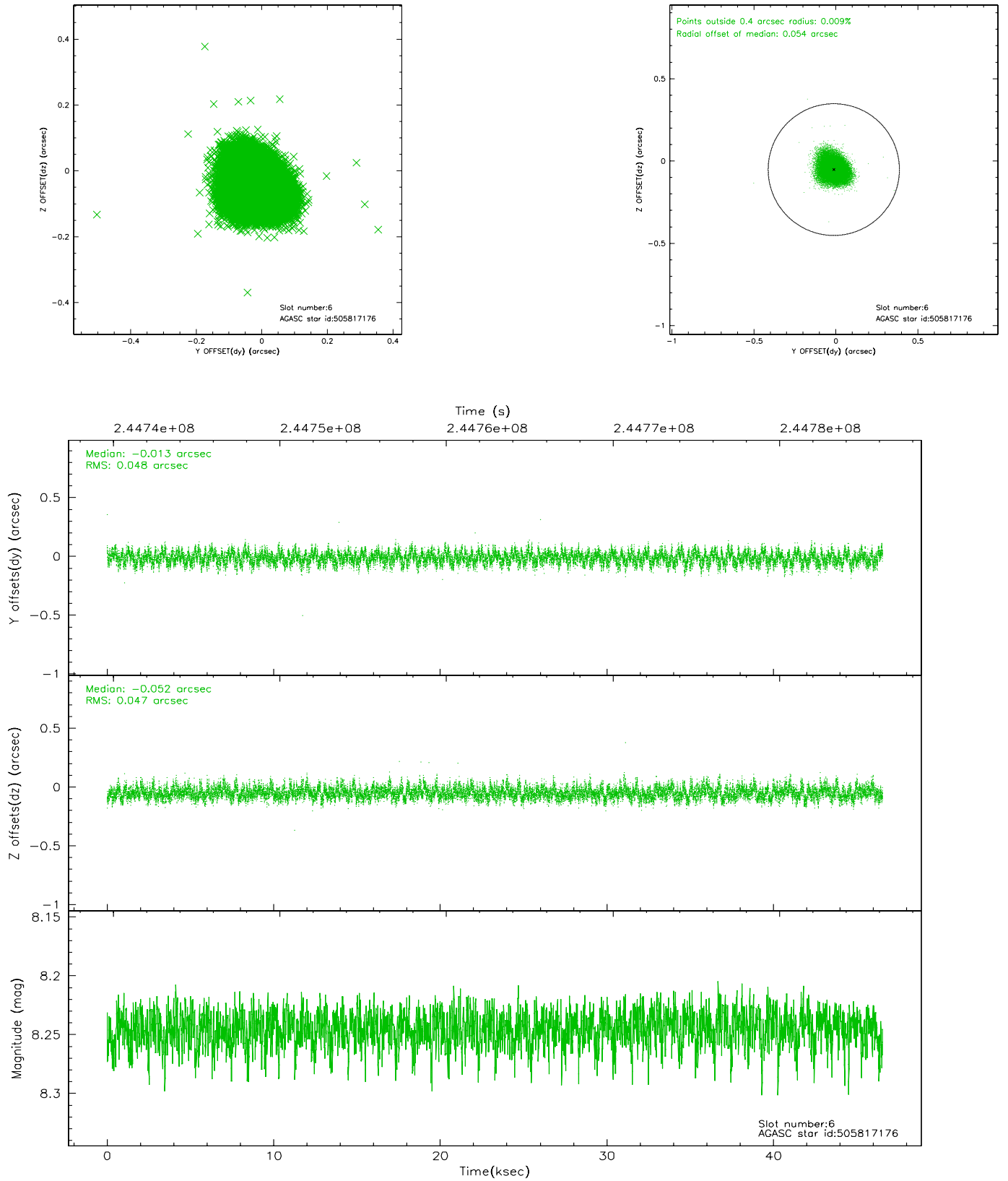
2.4.2 Slot 4



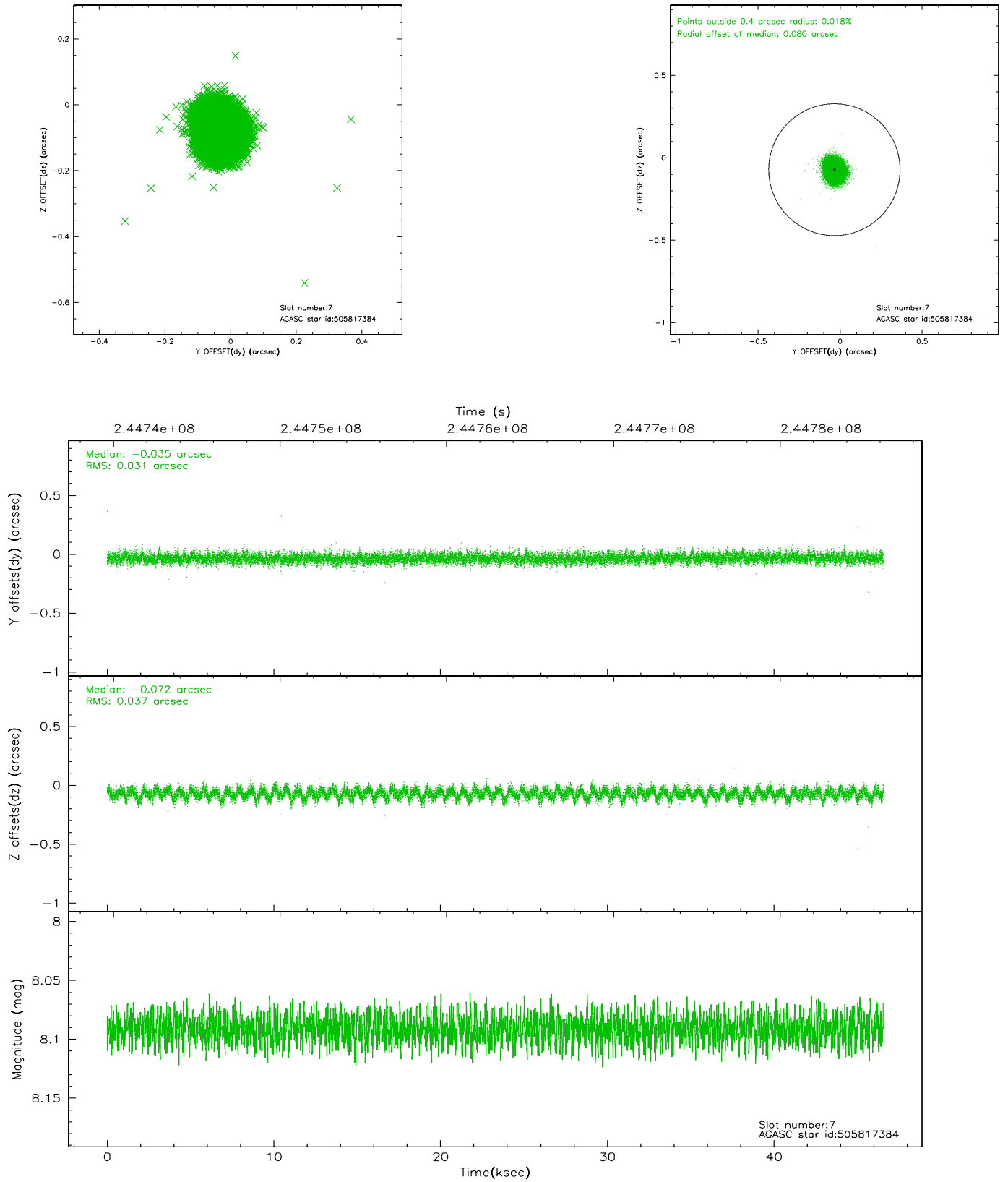
2.4.3 Slot 5



2.4.4 Slot 6

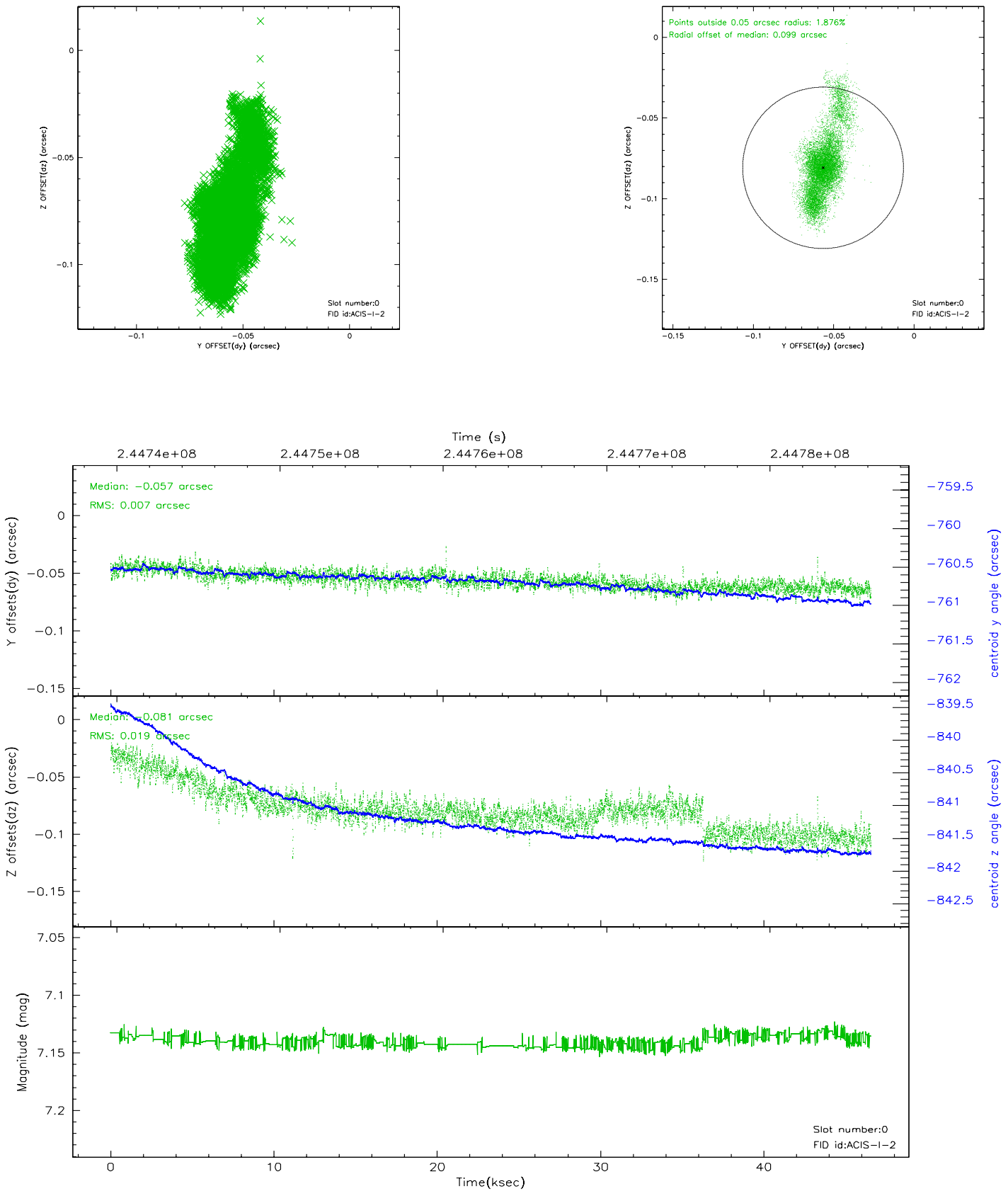


2.4.5 Slot 7

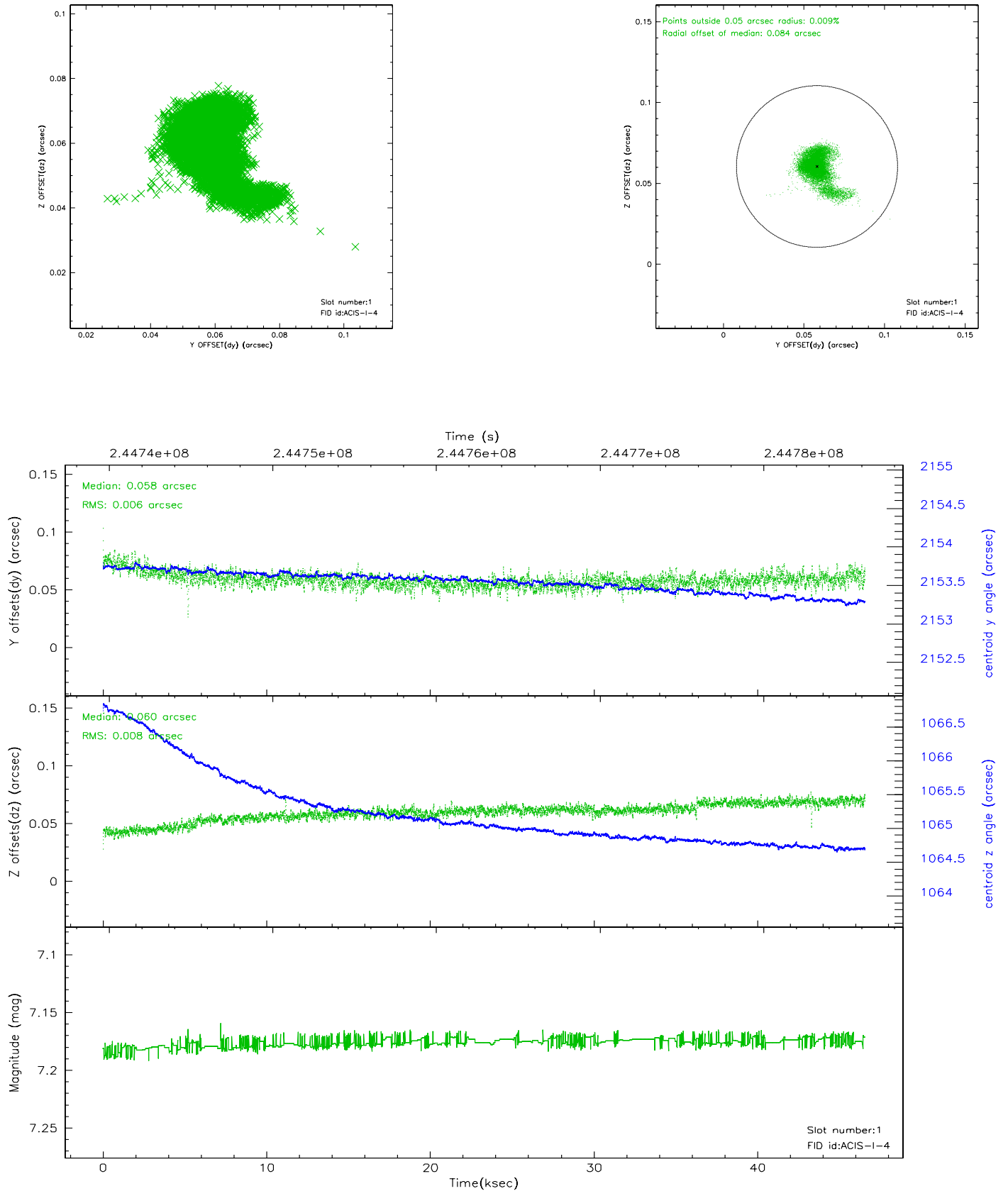


2.5 FID Slots

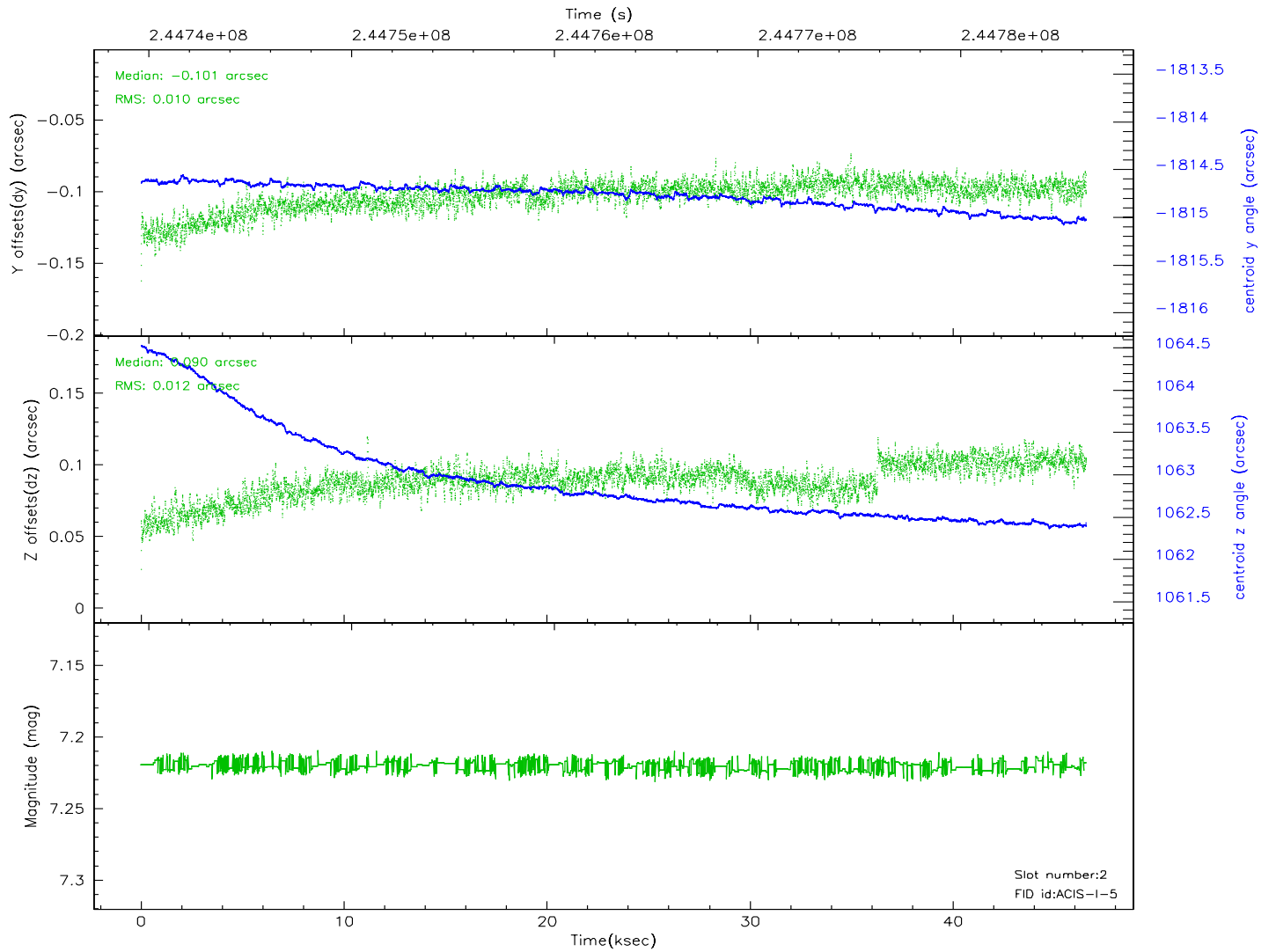
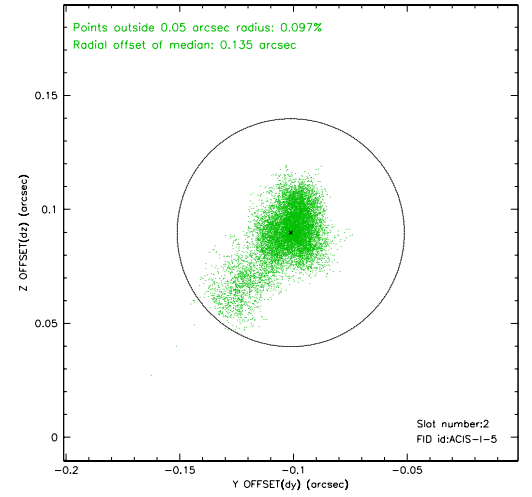
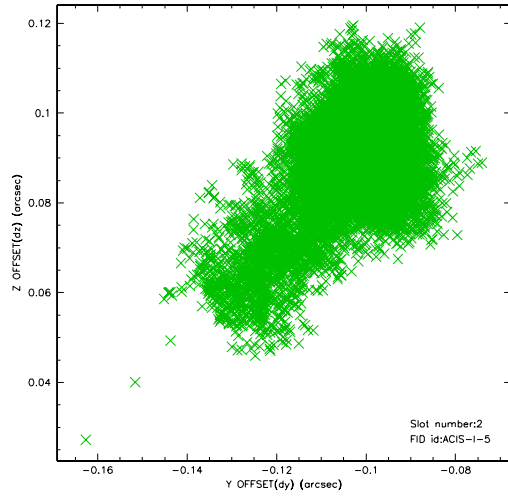
2.5.1 Slot 0



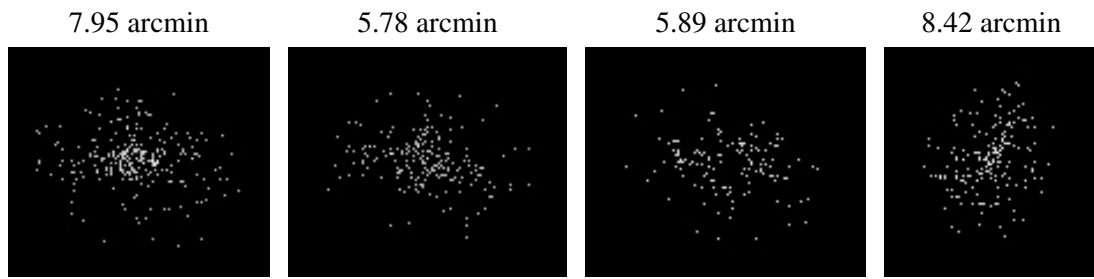
2.5.2 Slot 1



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	46.54955

A.2 Comments

Roll constraint satisfied.