

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6211 - L2 Version 002
Chandra X-Ray Center

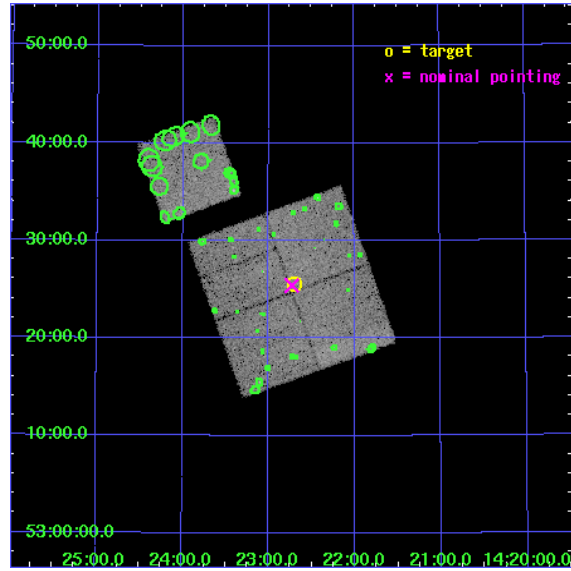
L2 Processing Date : Mar 31 2006

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1 Front

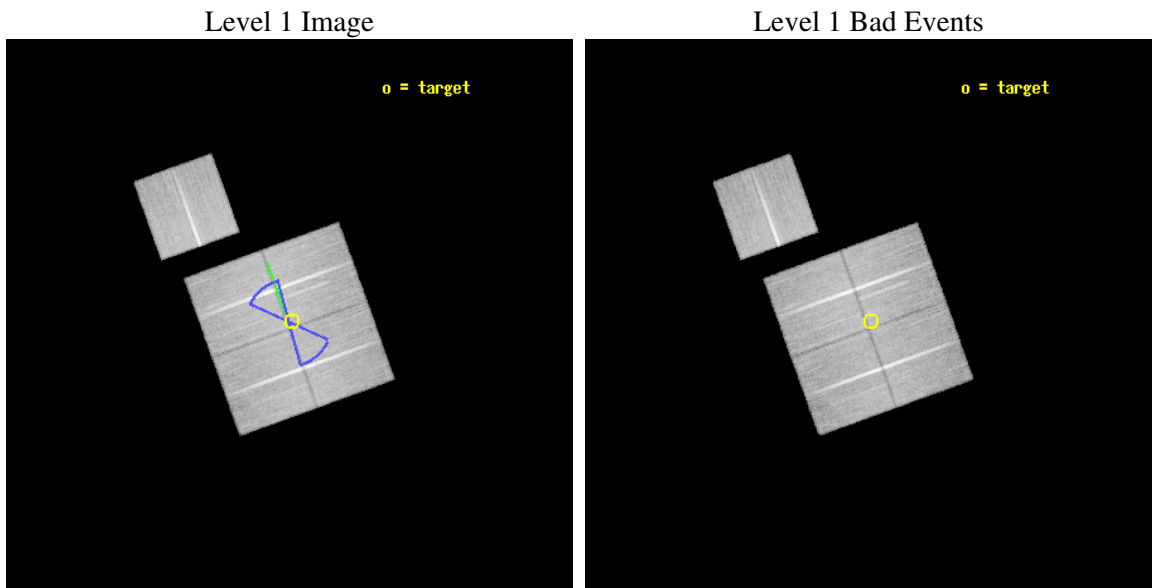
seq_num	900348
obs_id	6211
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-1
dtcycle	0
cycle	P
ra_targ	215.676254
dec_targ	53.427086
ra_nom	215.68196409948
dec_nom	53.423939970027
roll_nom	340.20409962762
revision	2
ontime	36114.877019793
livetime	35643.009564144
ontime0	36124.299930543
ontime1	36114.877029747
ontime2	36121.158960313
ontime3	36114.877019793
ontime6	36121.158960313
l2events	94928



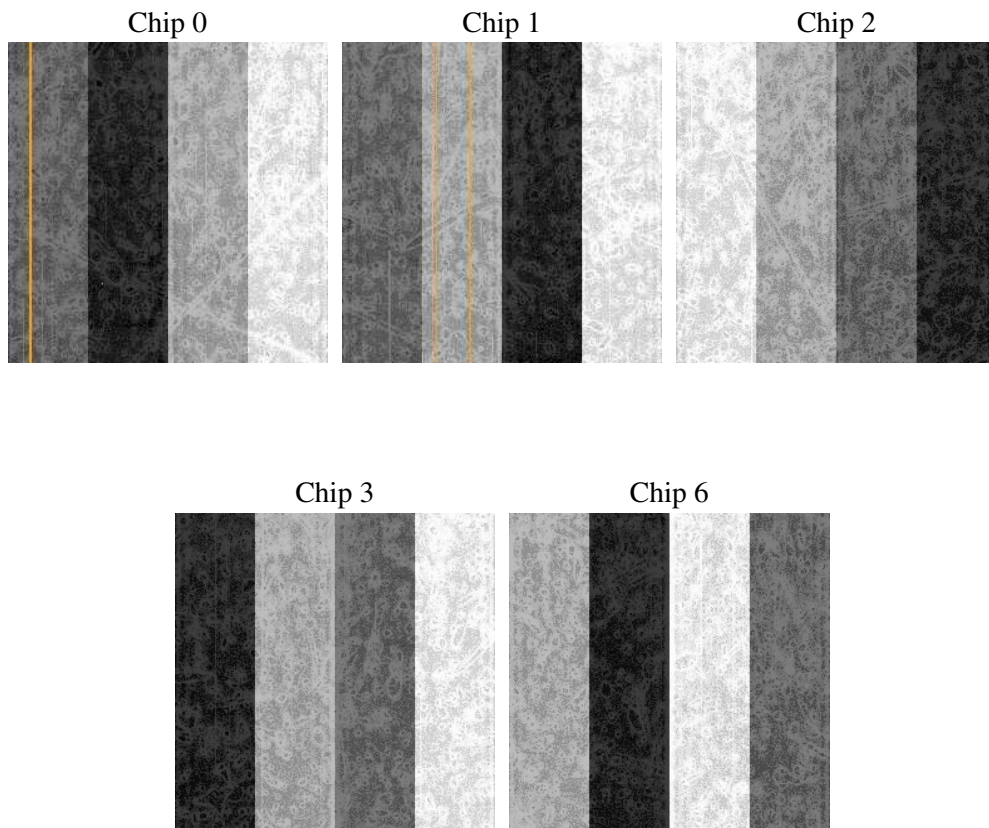
2 OBI

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	2006-04-01T01:33:06
revision	2

sched_exp_time	36000.000000
ontime	36548.720862746
ontime0	36558.143753588
ontime1	36548.7208727
ontime2	36555.002803266
ontime3	36548.720862746
ontime6	36555.002803266
l1events	1137951

2.1.4 Events

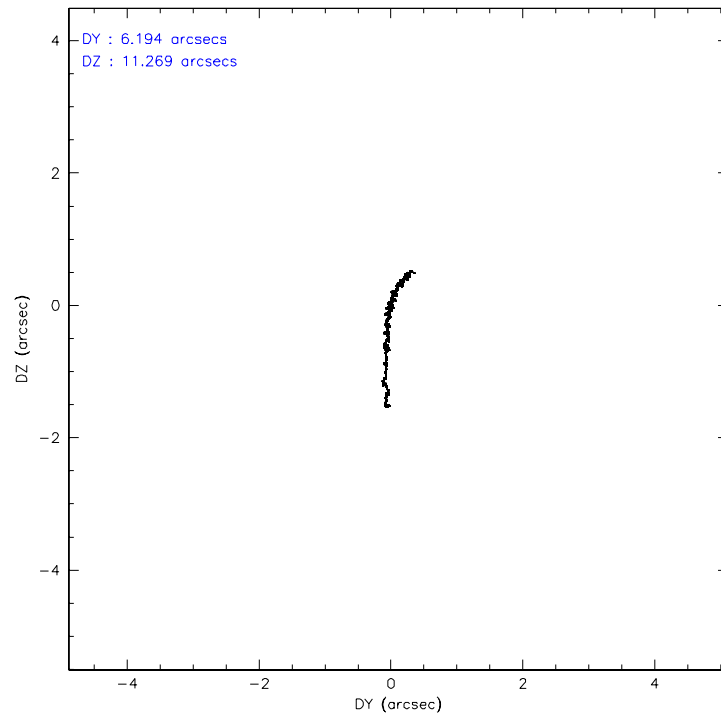
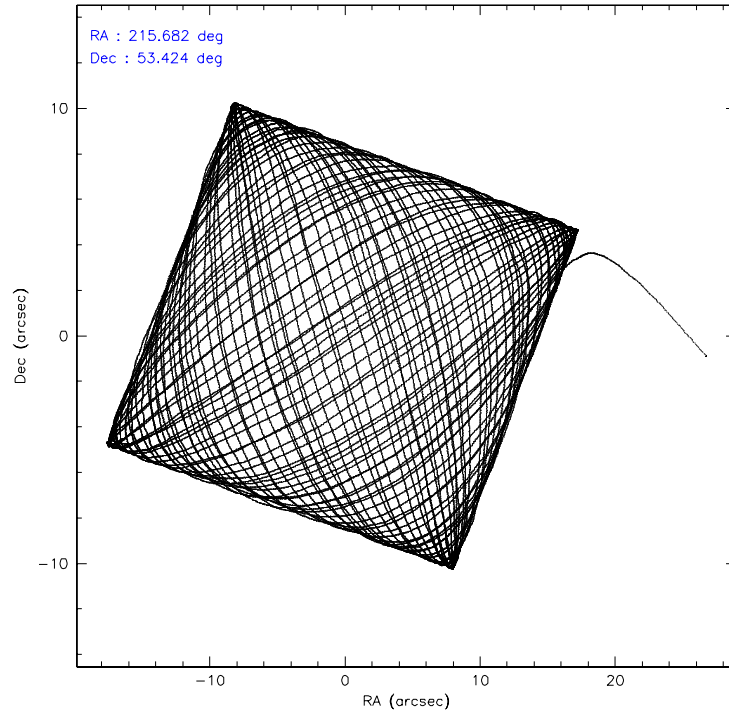
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	217781	216167	241763	231096	231144
rejected events	195388	191026	219817	209358	208283
rejected %	89%	88%	90%	90%	90%

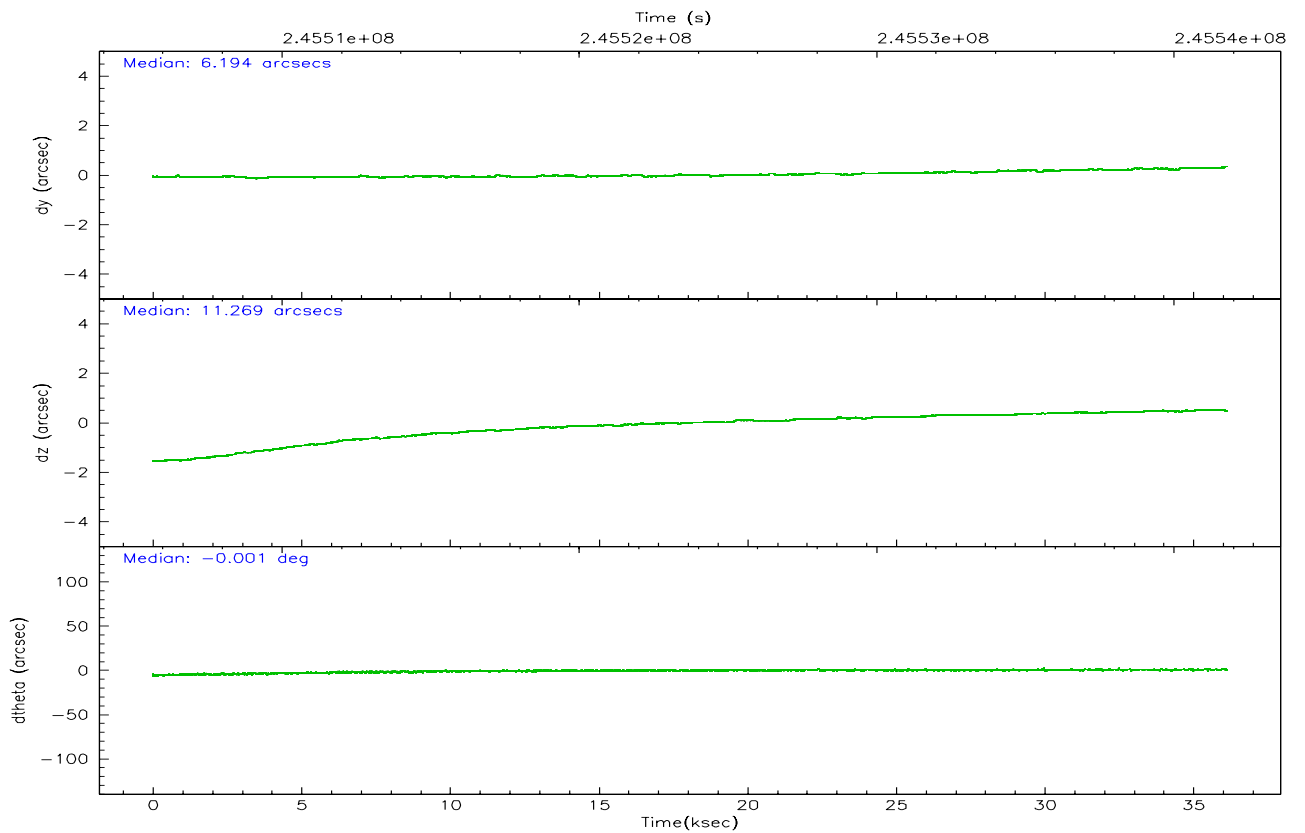
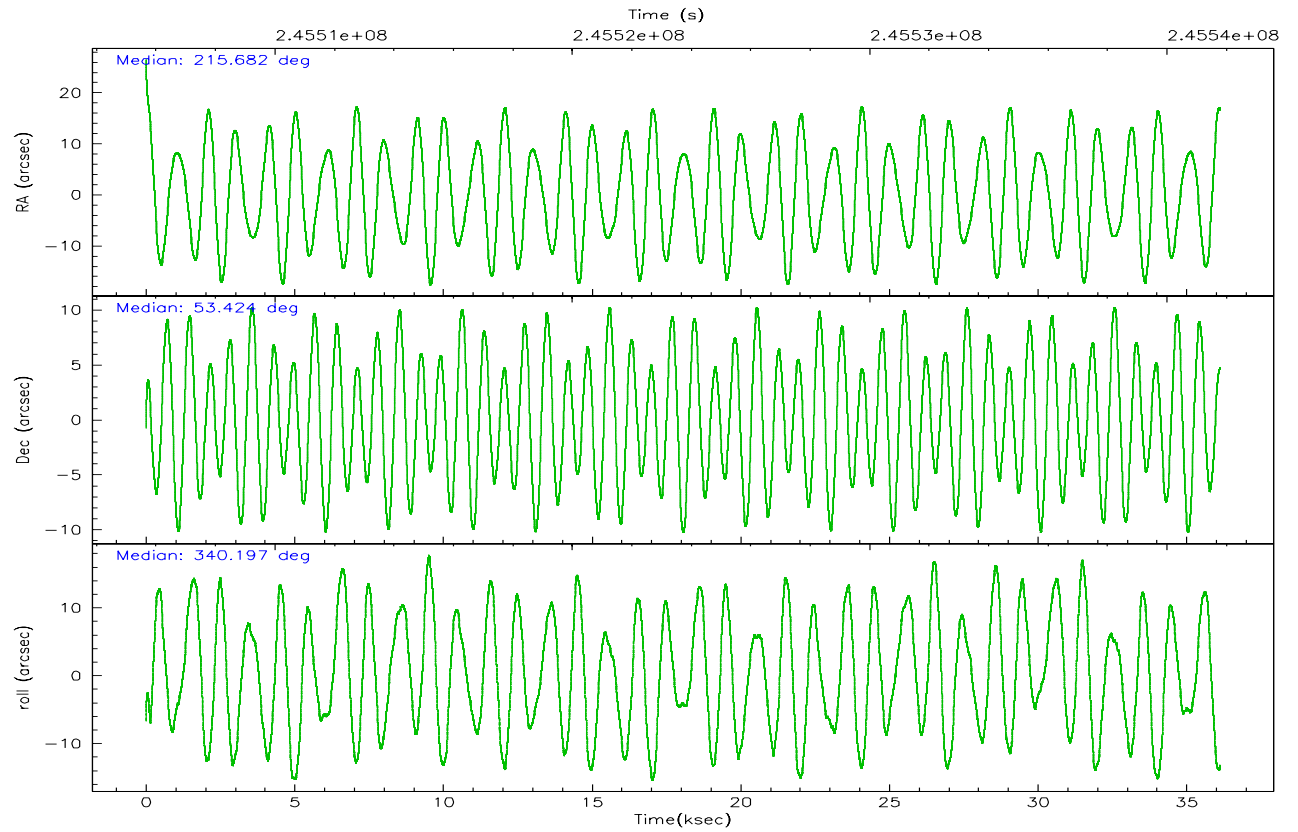
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	7849	8855	7824	7705	7890
	3%	4%	3%	3%	3%
grade 1 events	120	87	120	118	106
	0%	0%	0%	0%	0%
grade 2 events	5456	5728	5328	4839	5026
	2%	2%	2%	2%	2%
grade 3 events	2574	2854	2472	2593	2591
	1%	1%	1%	1%	1%
grade 4 events	2392	2826	2449	2432	2608
	1%	1%	1%	1%	1%
grade 5 events	8026	8714	7539	9435	9216
	3%	4%	3%	4%	3%
grade 6 events	4373	5191	4133	4445	5015
	2%	2%	1%	1%	2%
grade 7 events	186991	181912	211898	199529	198692
	85%	84%	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	215.636785	215.6819640994774	Alternating exposures requested	N	N
Pointing Dec	53.418971	53.4239399700265	Primary exposure time	0.000000	3.1
Pointing Roll	340.031691	340.2040996276186			
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	245505788.184000	245504608.71967			
Observation start date	2005-10-12T12:02:04	2005-10-12T11:43:28			
Observation end time	245541788.184000	245542725.39643			
Observation end date	2005-10-12T22:02:04	2005-10-12T22:18:45			
Read mode	TIMED	TIMED			

2.3 Aspect



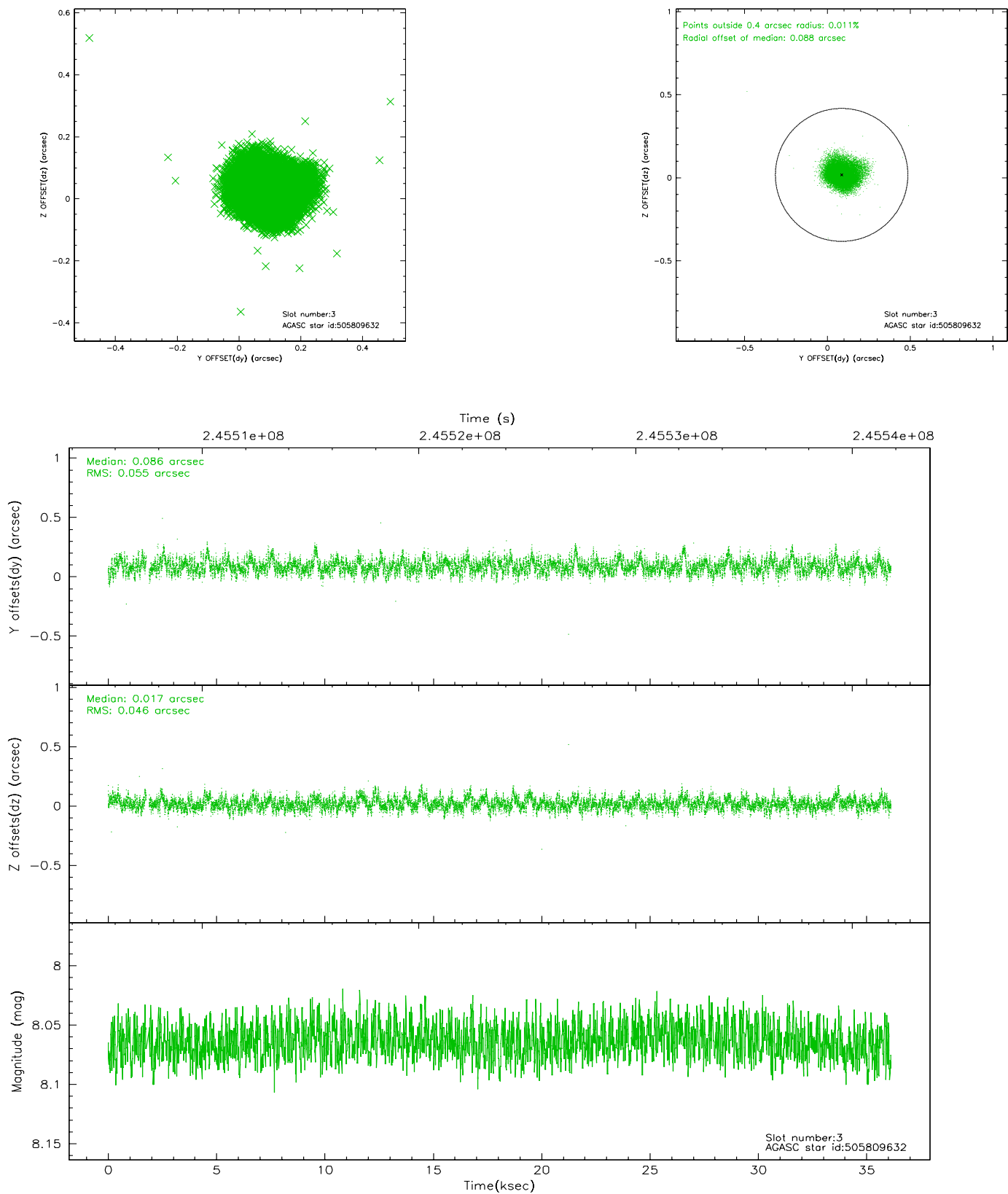


Slot Statistics

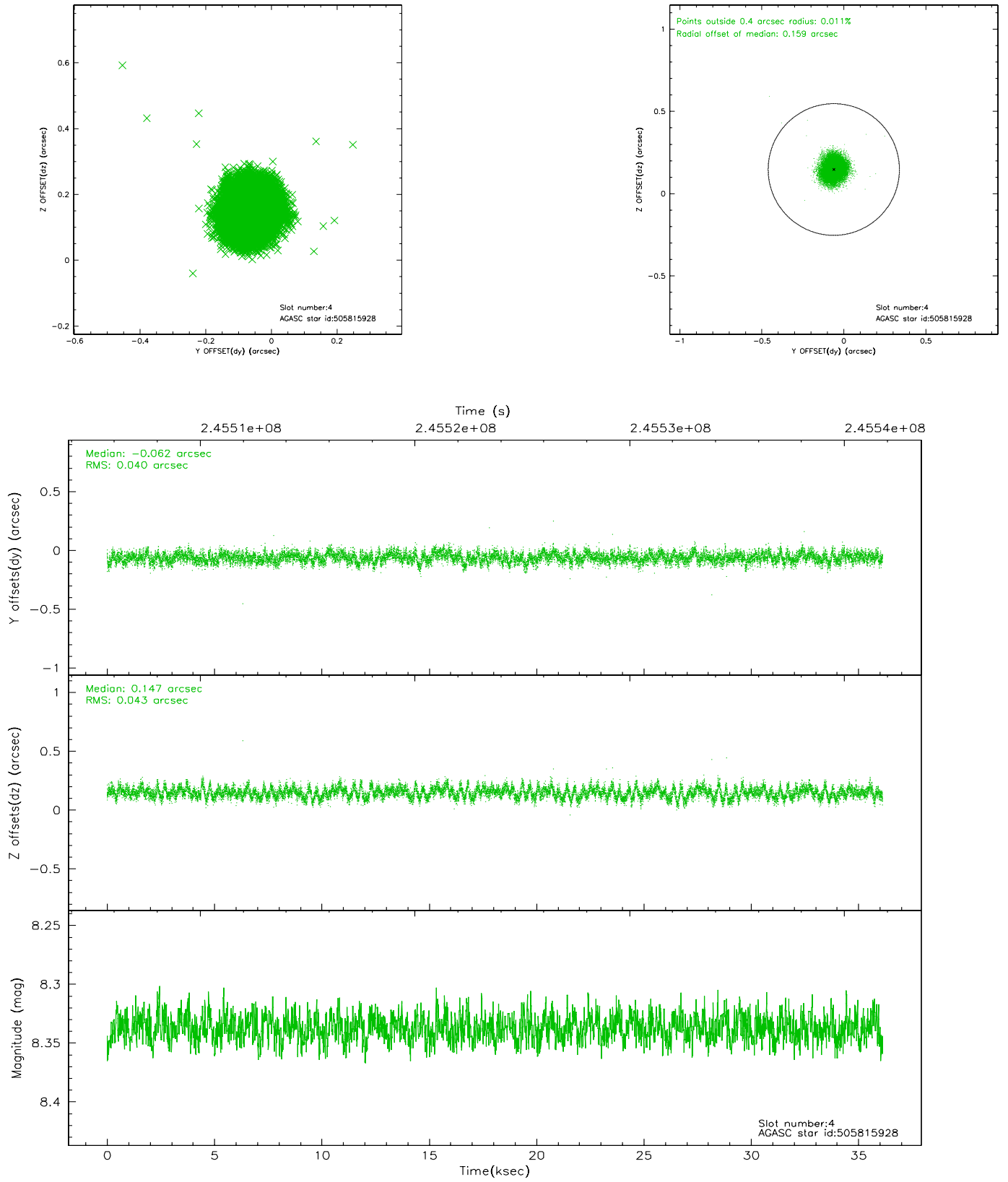
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	8811	0.022	0.003	0.011	0.045	0.000000	0.000000	933.47	-834.62
1	FID	ACIS-I-5	7.23	8810	-0.128	0.050	0.012	0.028	0.000000	0.000000	-1814.73	1062.95
2	FID	ACIS-I-6	7.25	8813	0.015	0.018	0.015	0.034	0.000000	0.000000	399.03	1707.41
3	GUIDE	505809632	8.06	17552	0.086	0.017	0.076	0.125	215.499426	53.521185	-401.82	245.63
4	GUIDE	505815928	8.34	17618	-0.062	0.147	0.063	0.099	216.234742	53.074559	1637.29	-718.29
5	GUIDE	505817176	8.25	17623	-0.043	-0.018	0.062	0.102	216.408138	53.717379	1174.39	1579.34
6	GUIDE	505815088	7.28	17622	-0.015	-0.041	0.056	0.092	216.315963	53.584954	1158.49	1063.73
7	GUIDE	505816088	10.41	17609	0.032	-0.108	0.189	0.333	216.276680	52.548591	2385.25	-2460.61

2.4 Star Slots

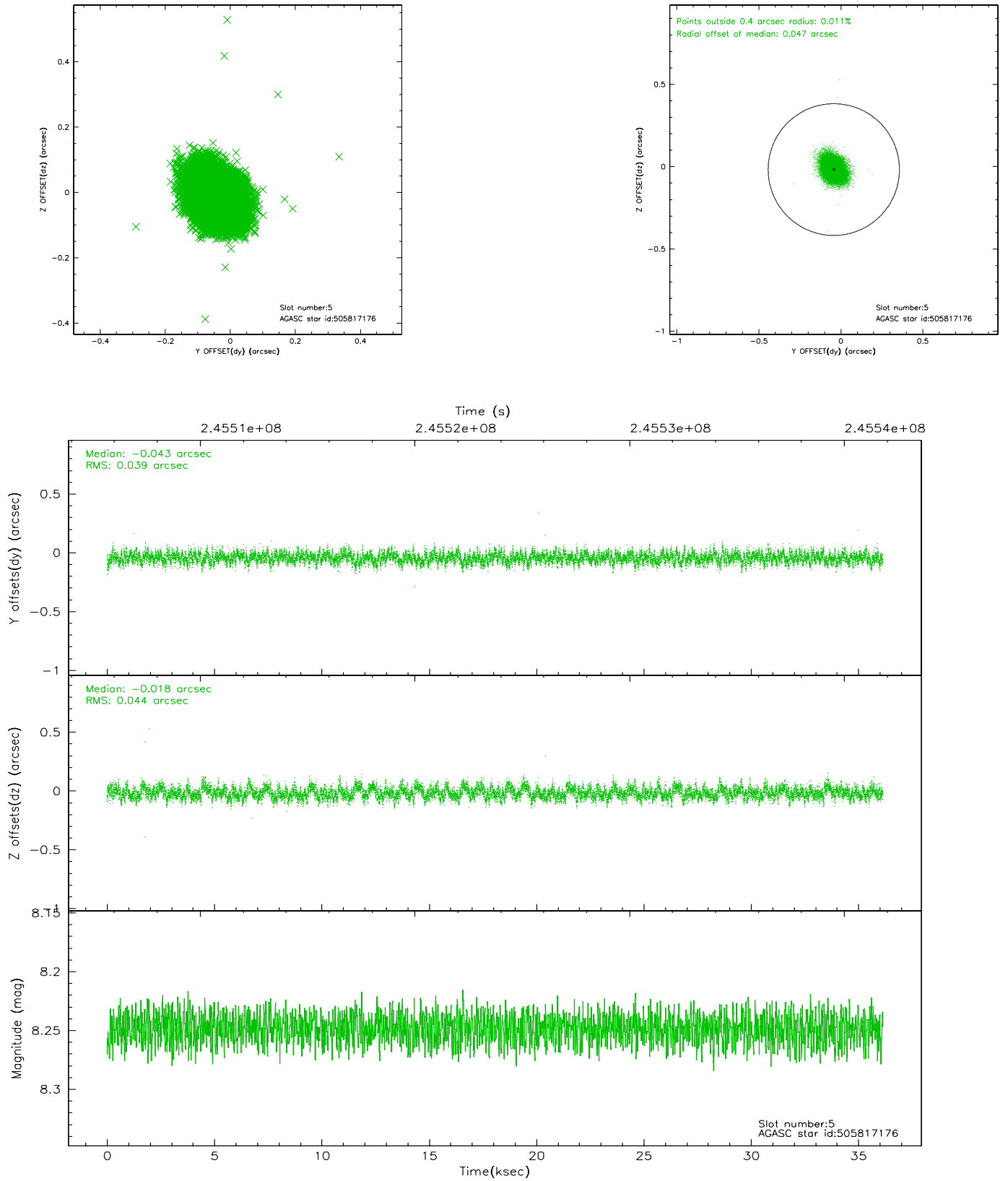
2.4.1 Slot 3



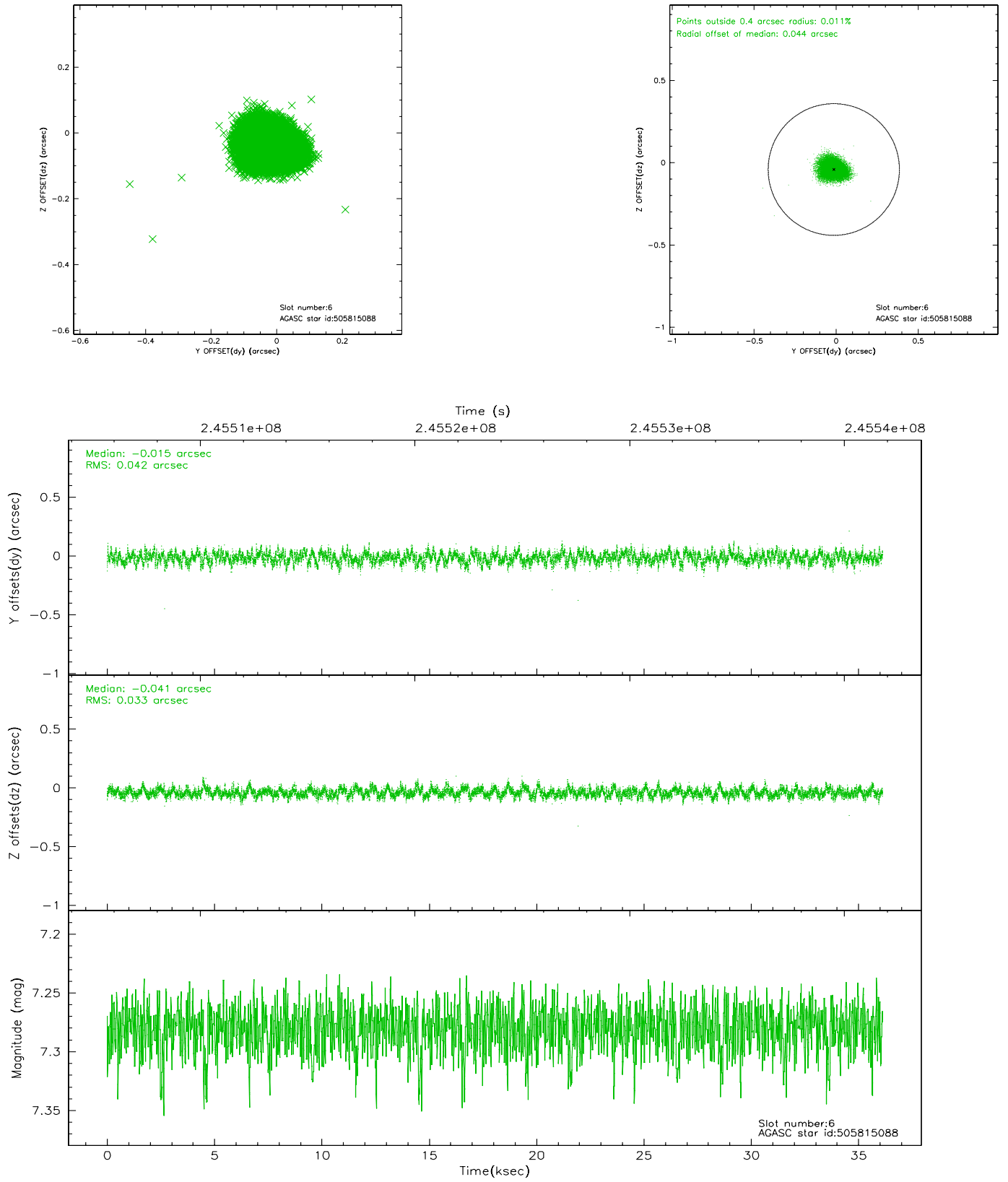
2.4.2 Slot 4



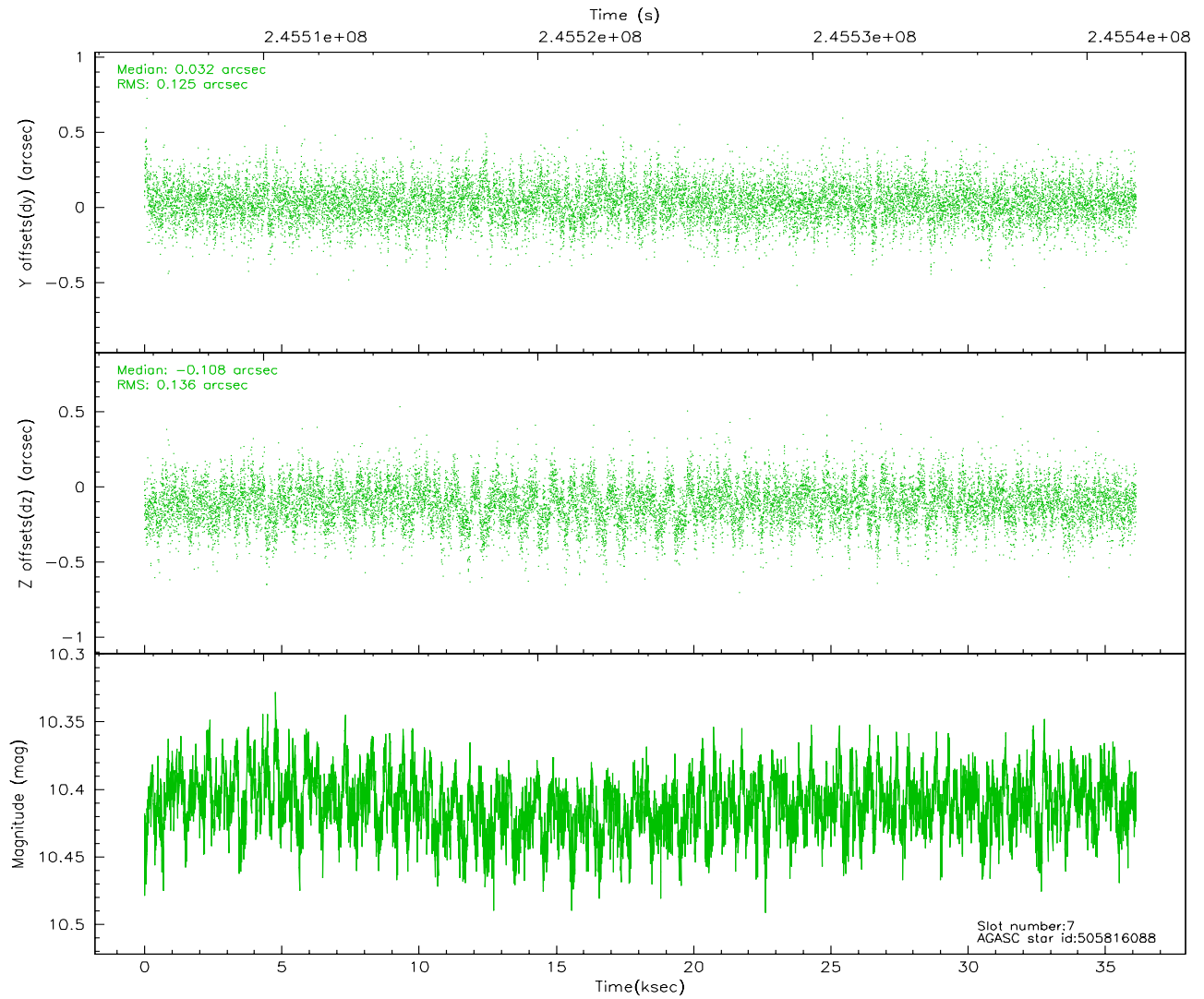
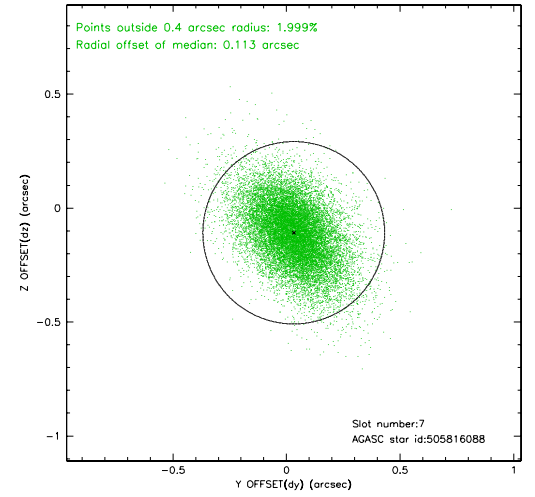
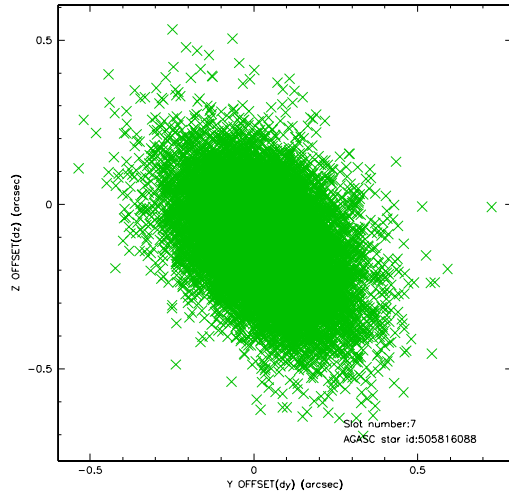
2.4.3 Slot 5



2.4.4 Slot 6

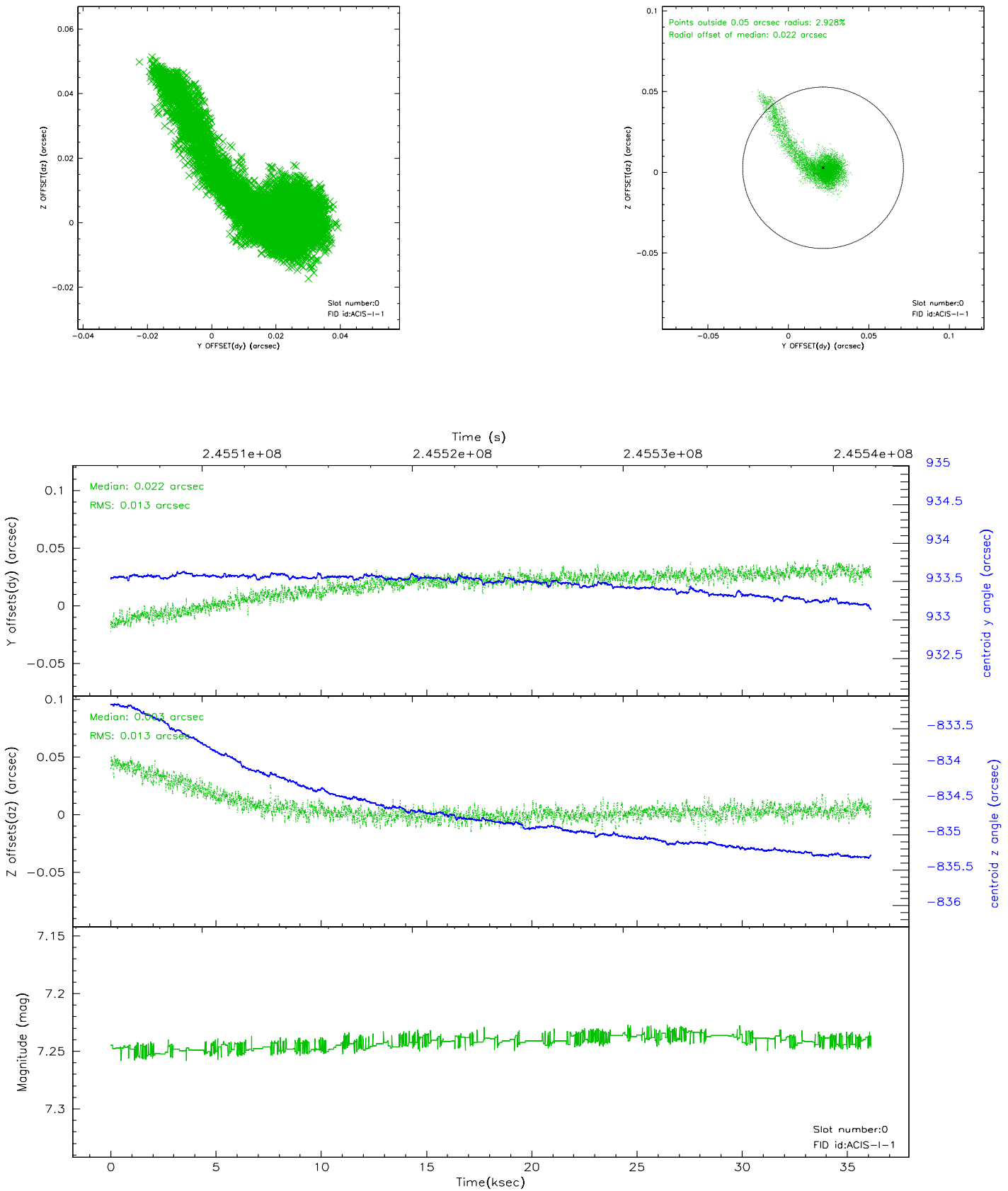


2.4.5 Slot 7

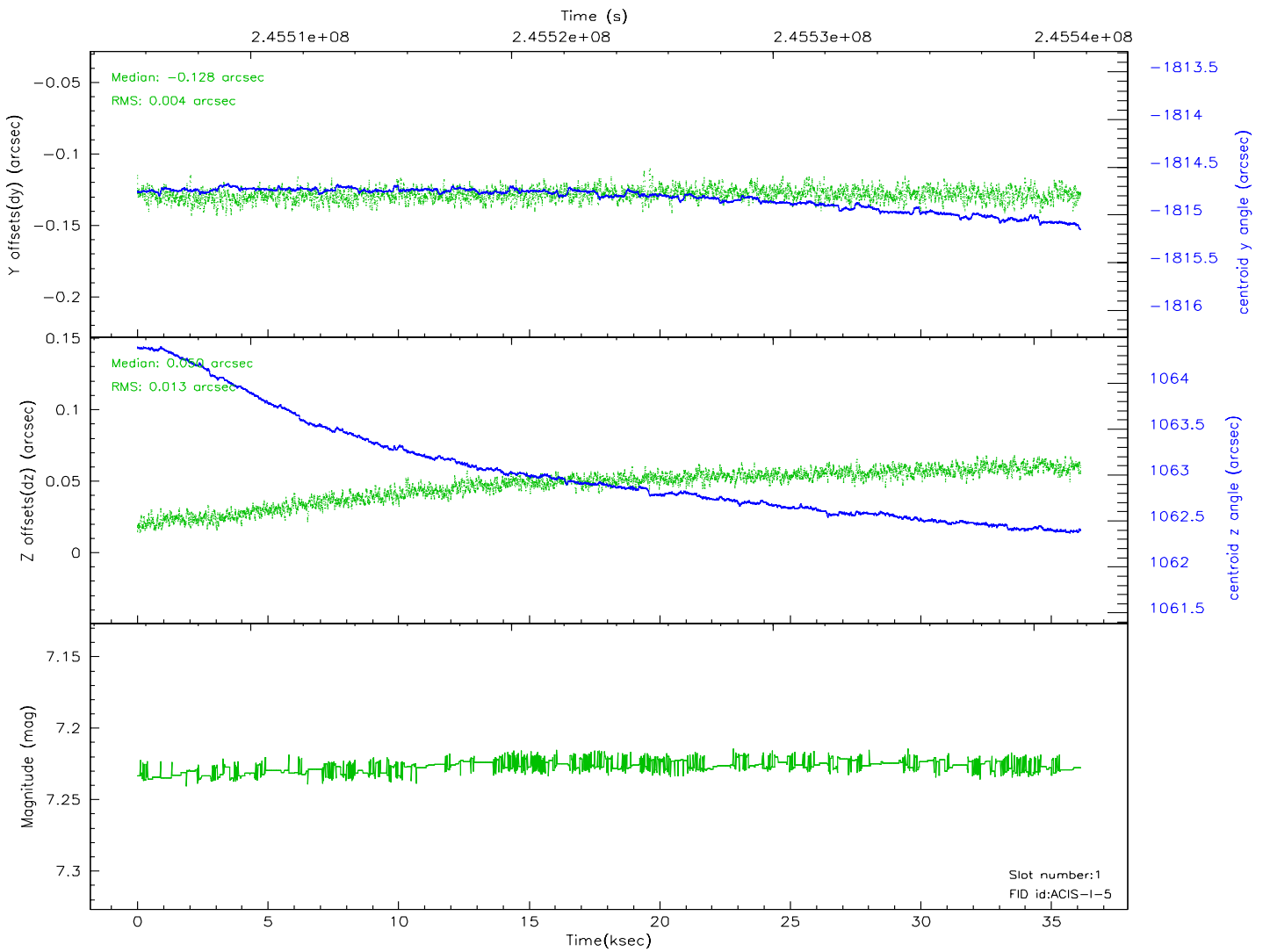
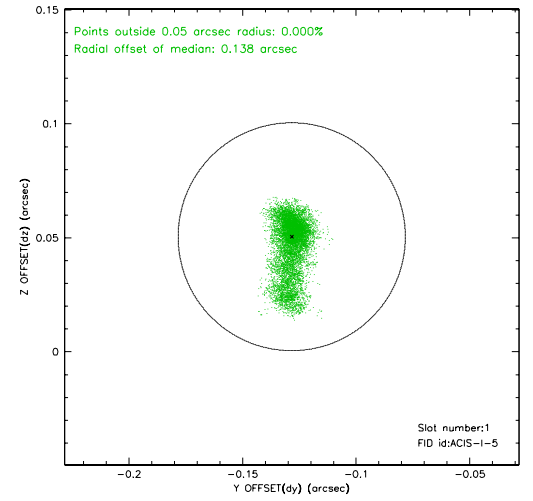
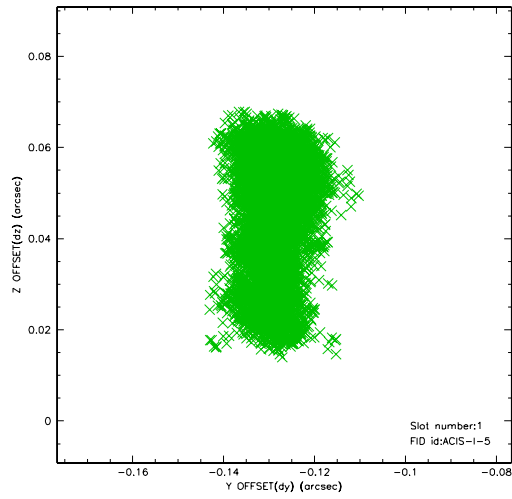


2.5 FID Slots

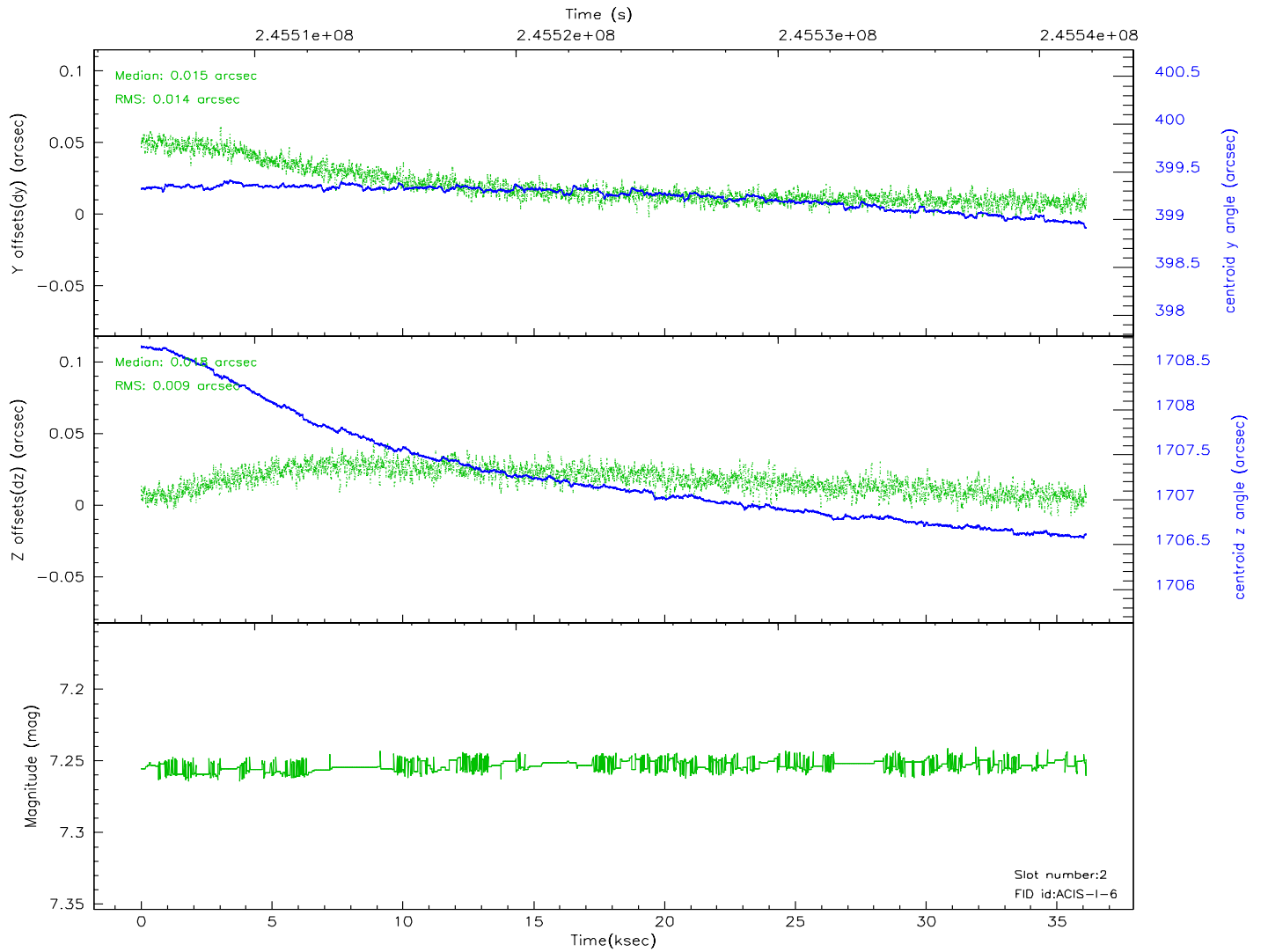
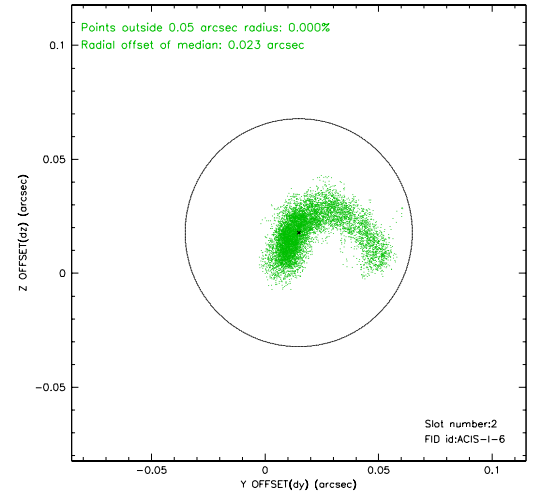
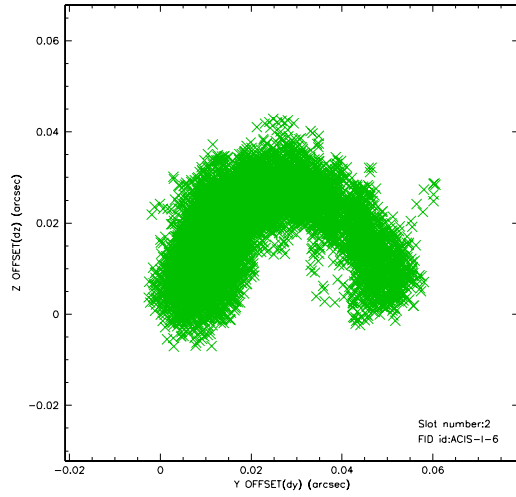
2.5.1 Slot 0



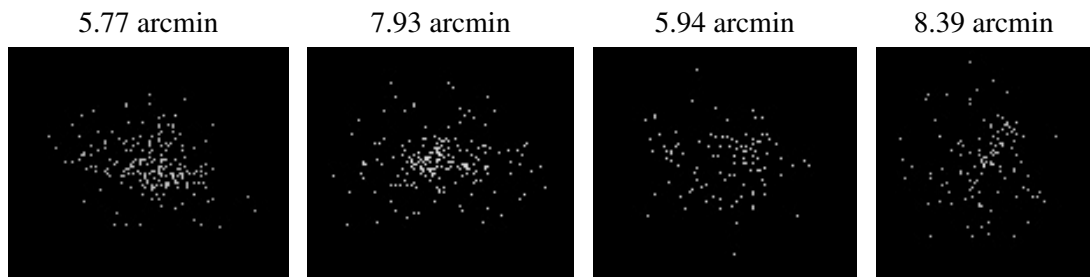
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.11487

A.2 Comments

Roll constraint satisfied.