

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4495 - L2 Version 001
Chandra X-Ray Center

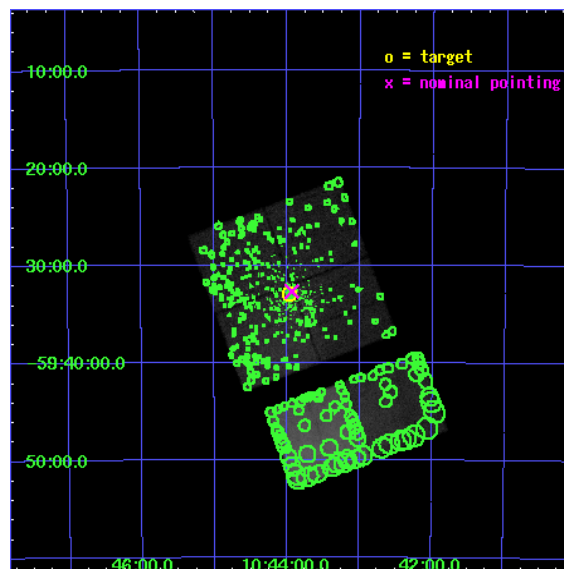
L2 Processing Date : Apr 17 2006

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1 Front

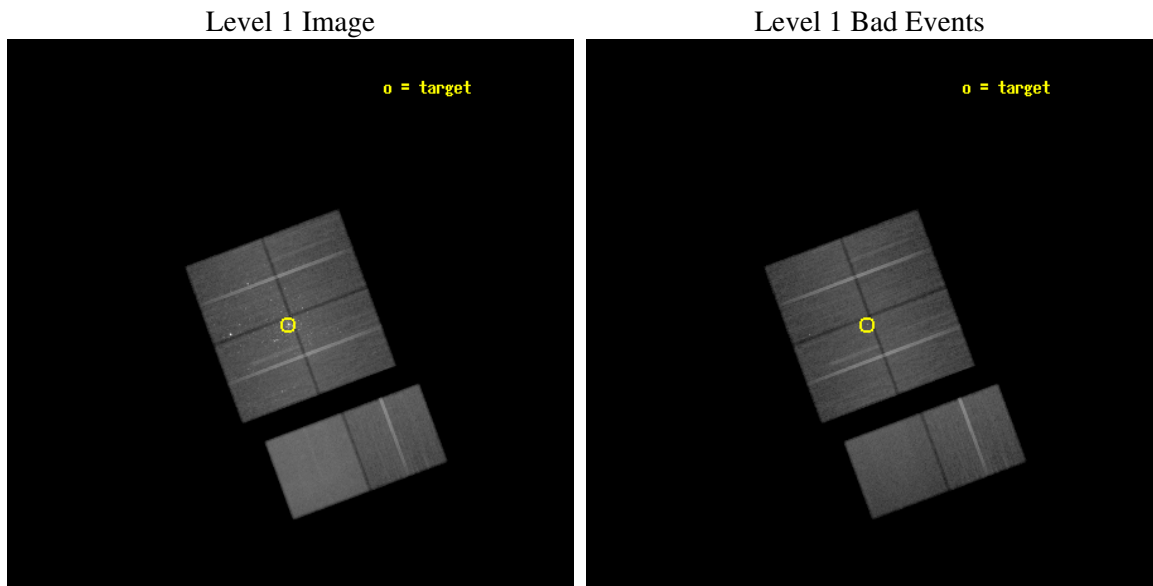
seq_num	200264
obs_id	4495
title	Triggered Star Formation and the Remarkable Carina OB Cluster Trumpler 14
observer	Dr. Leisa Townsley
object	Trumpler 14
dtcycle	0
cycle	P
ra_targ	160.989583
dec_targ	-59.548056
ra_nom	160.98297652637
dec_nom	-59.544870867963
roll_nom	159.57526312993
revision	2
ontime	58060.758823425
livetime	57325.558535211
ontime0	58057.517823189
ontime1	58060.758813411
ontime2	58051.036052018
ontime3	58060.758823425
ontime6	58060.758813411
ontime7	58063.999783695
l2events	704793



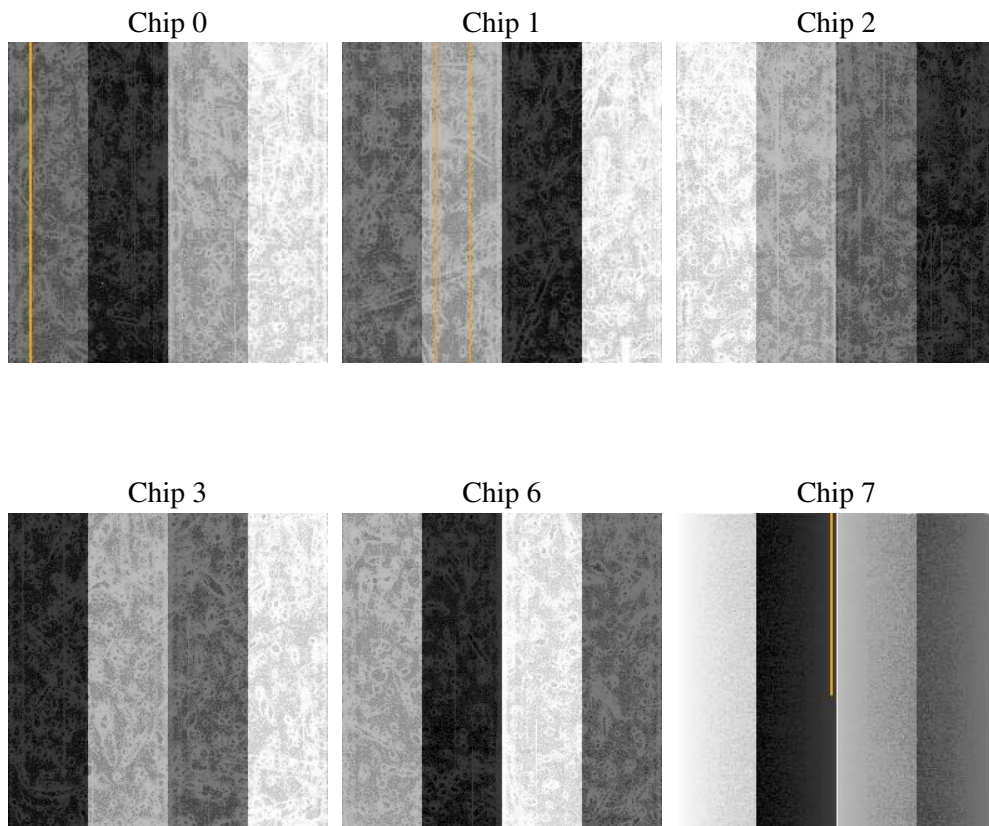
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-17T21:50:35
revision	2

sched_exp_time	58106.987000
ontime	58065.774615854
ontime0	58062.533645511
ontime1	58065.774635732
ontime2	58056.05187434
ontime3	58065.774615854
ontime6	58065.774635732
ontime7	58069.015606016
l1events	2882703

2.1.4 Events

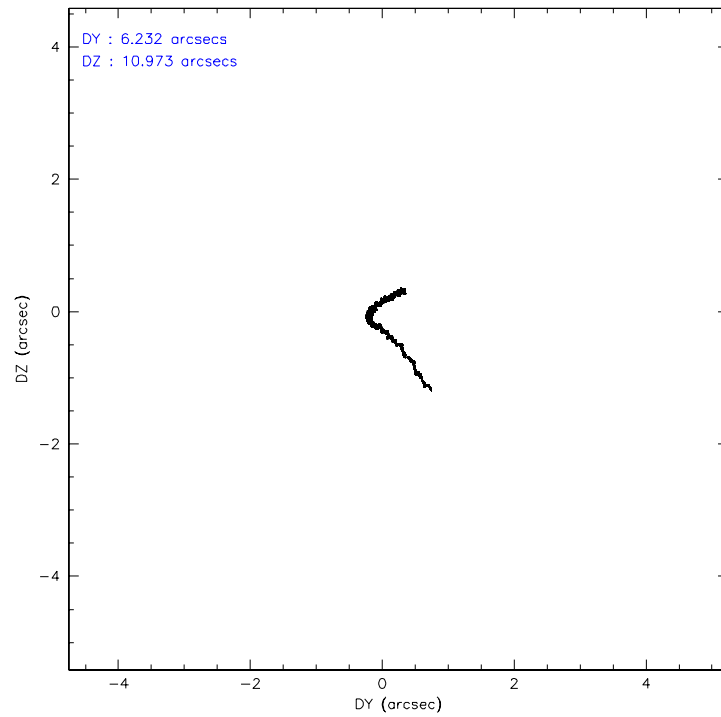
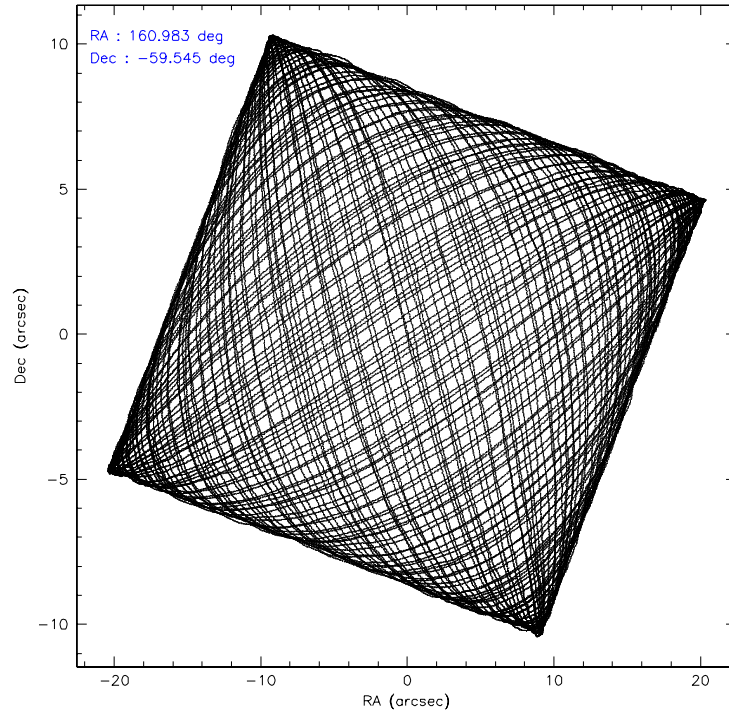
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	391218	425293	441760	490995	465126	668311
rejected events	328168	334393	367441	365533	381750	351559
rejected %	83%	78%	83%	74%	82%	52%

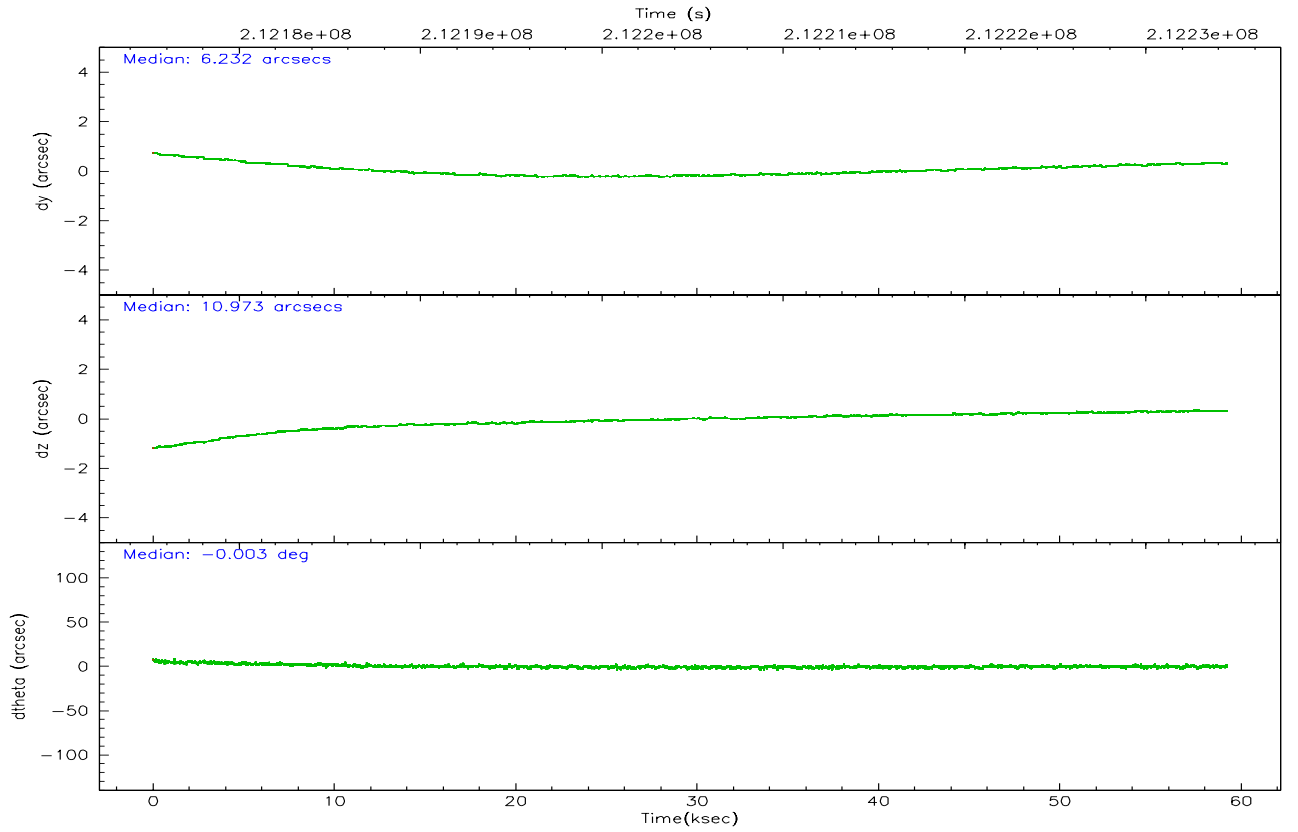
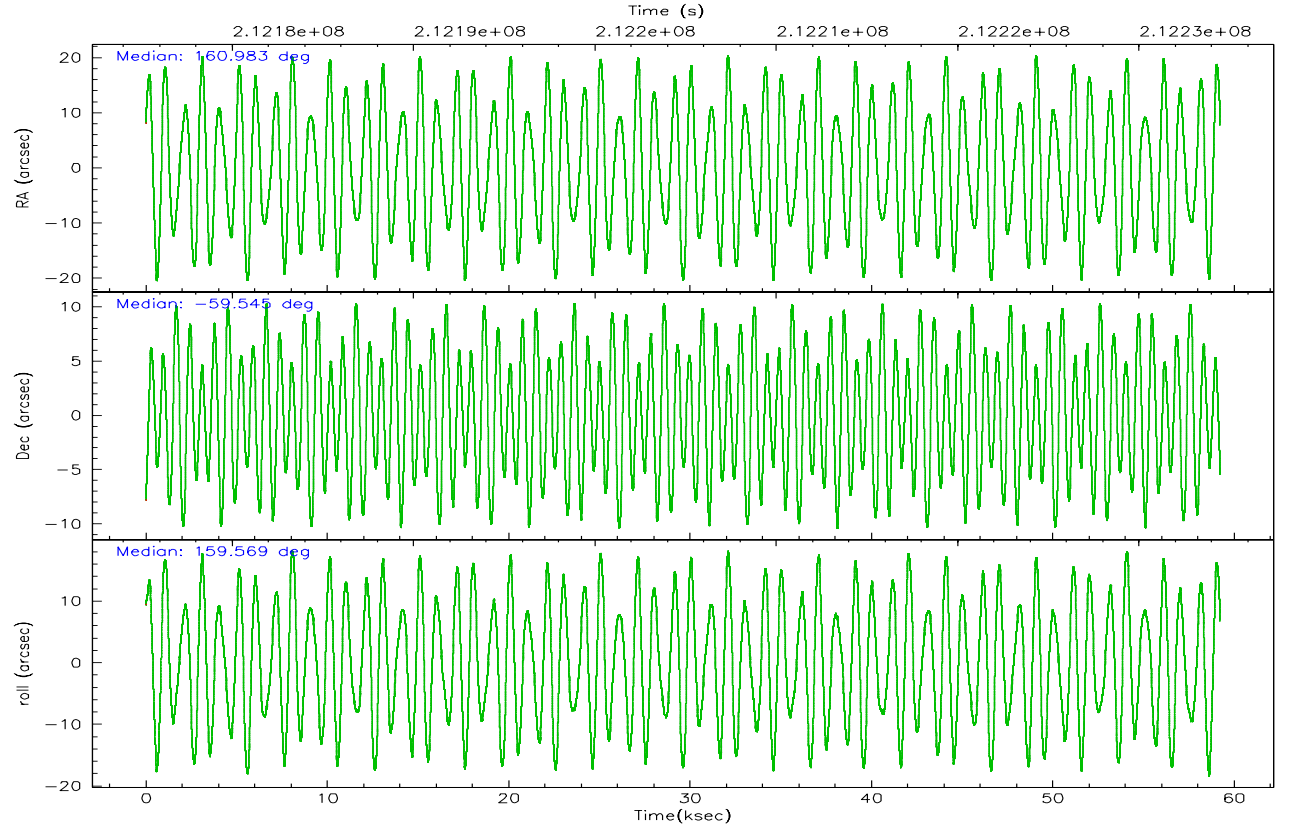
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	31754	52102	43083	87127	48969	41458
	8%	12%	9%	17%	10%	6%
grade 1 events	272	425	386	752	337	326
	0%	0%	0%	0%	0%	0%
grade 2 events	12158	15585	12517	15999	13335	81918
	3%	3%	2%	3%	2%	12%
grade 3 events	5098	6139	4937	6446	5206	21664
	1%	1%	1%	1%	1%	3%
grade 4 events	4925	6075	5146	6398	5191	21390
	1%	1%	1%	1%	1%	3%
grade 5 events	16740	18046	16403	19052	19552	36586
	4%	4%	3%	3%	4%	5%
grade 6 events	9119	11005	8637	9504	10680	150352
	2%	2%	1%	1%	2%	22%
grade 7 events	311152	315916	350651	345717	361856	314617
	79%	74%	79%	70%	77%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	161.036174	160.982976526374	Alternating exposures requested	N	N
Pointing Dec	-59.540208	-59.54487086796295	Primary exposure time	0.000000	3.2
Pointing Roll	159.412434	159.5752631299285			
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	212176373.184000	212174938.96947			
Observation start date	2004-09-21T17:51:49	2004-09-21T17:28:58			
Observation end time	212234480.184000	212234705.69714			
Observation end date	2004-09-22T10:00:16	2004-09-22T10:05:05			
Read mode	TIMED	TIMED			

2.3 Aspect



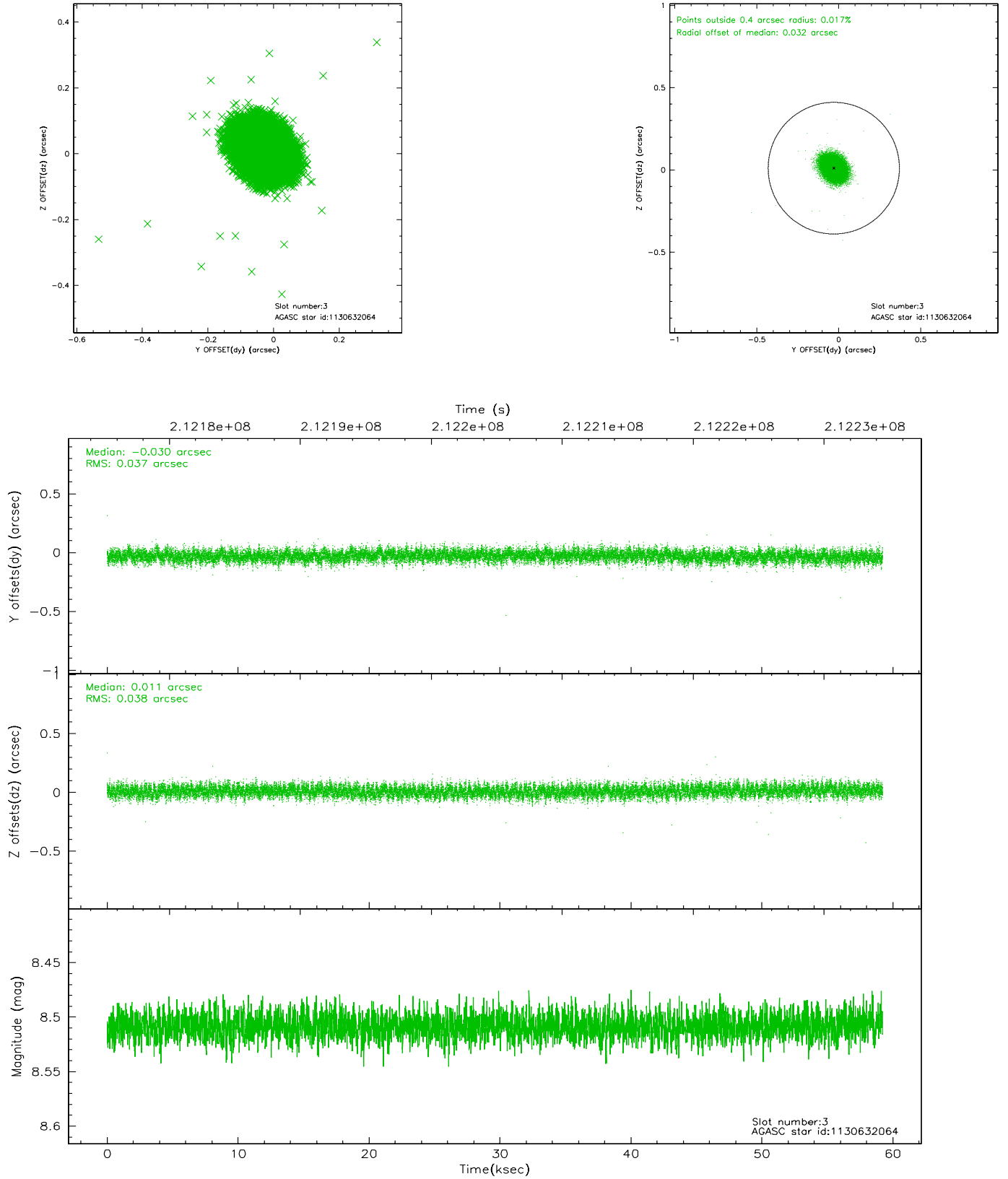


Slot Statistics

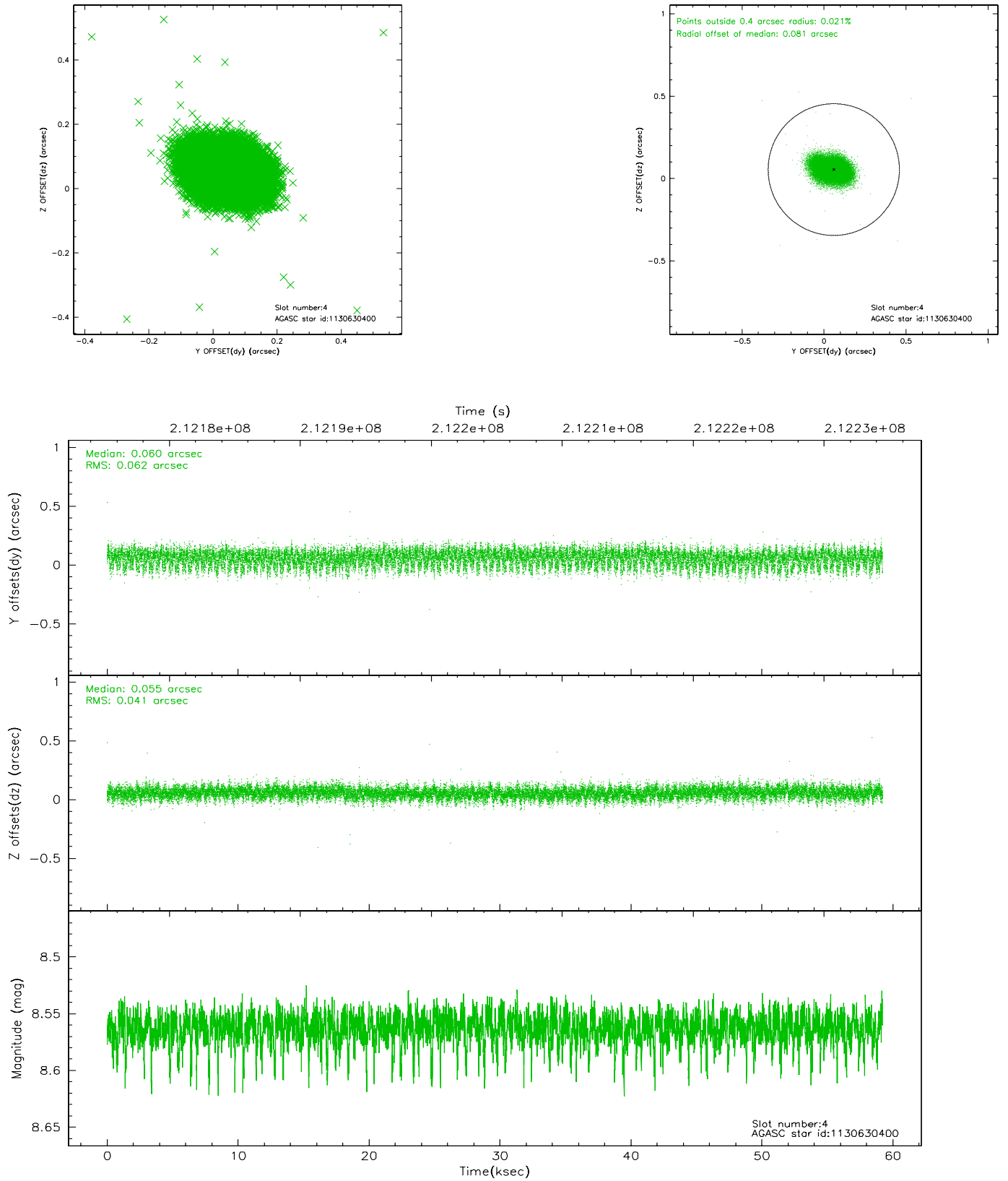
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	14448	-0.047	0.017	0.017	0.060	0.000000	0.000000	933.38	-834.34
1	FID	ACIS-I-2	7.14	14448	-0.087	-0.026	0.015	0.030	0.000000	0.000000	-760.77	-840.84
2	FID	ACIS-I-4	7.17	14448	0.040	0.075	0.016	0.029	0.000000	0.000000	2153.34	1065.55
3	GUIDE	1130632064	8.51	28890	-0.030	0.011	0.056	0.091	160.452382	-59.130948	1526.16	-995.38
4	GUIDE	1130630400	8.56	28889	0.060	0.055	0.078	0.129	160.235909	-58.888840	2215.58	-1663.07
5	GUIDE	1130643264	6.62	28897	0.041	-0.103	0.065	0.113	160.322990	-59.676912	1038.18	923.08
6	GUIDE	1130640672	8.23	28886	-0.028	0.067	0.062	0.100	162.096044	-59.540805	-1816.48	-663.69
7	GUIDE	1174033144	8.52	28885	-0.045	-0.026	0.057	0.091	161.168741	-60.059230	-880.21	1665.57

2.4 Star Slots

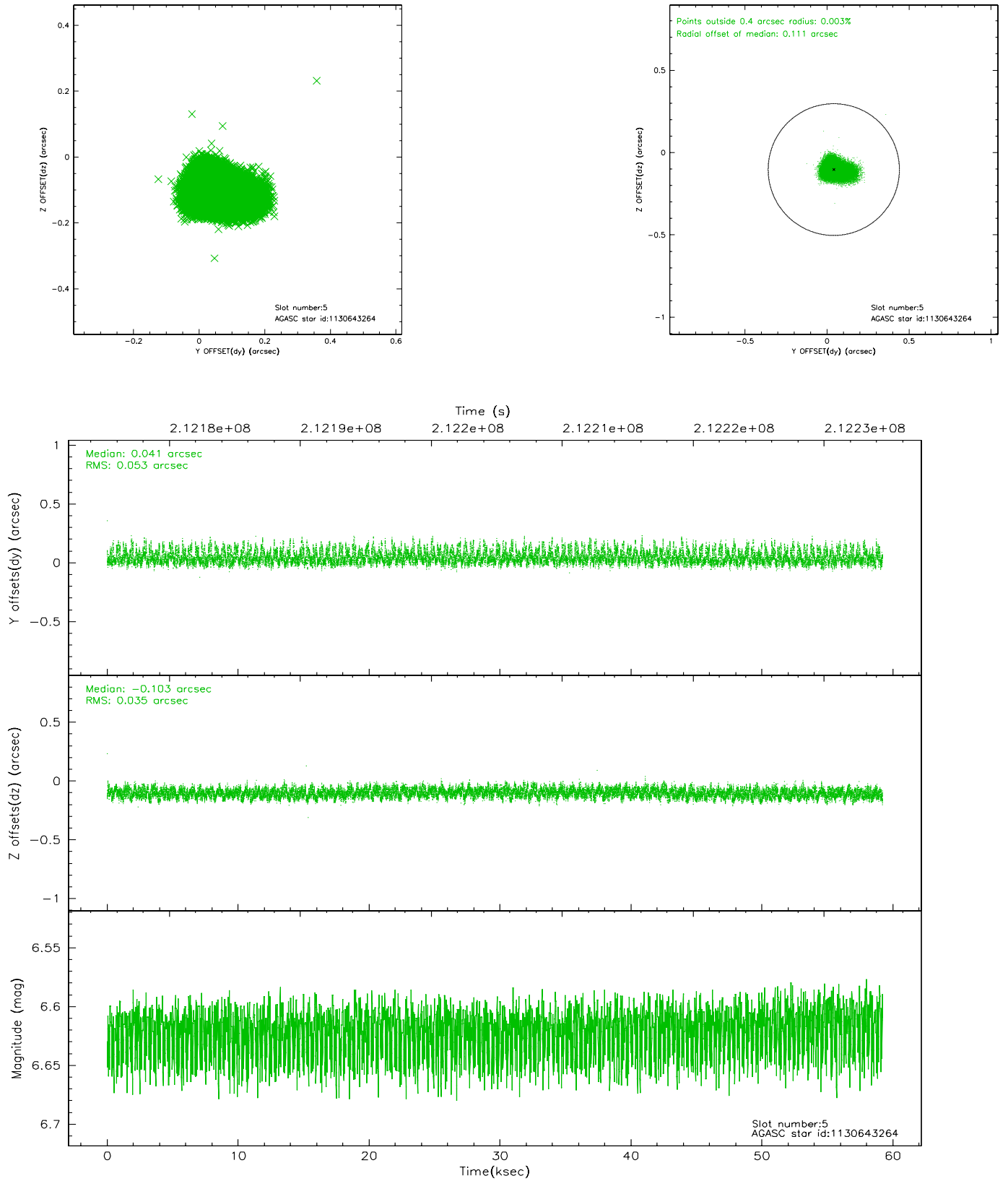
2.4.1 Slot 3



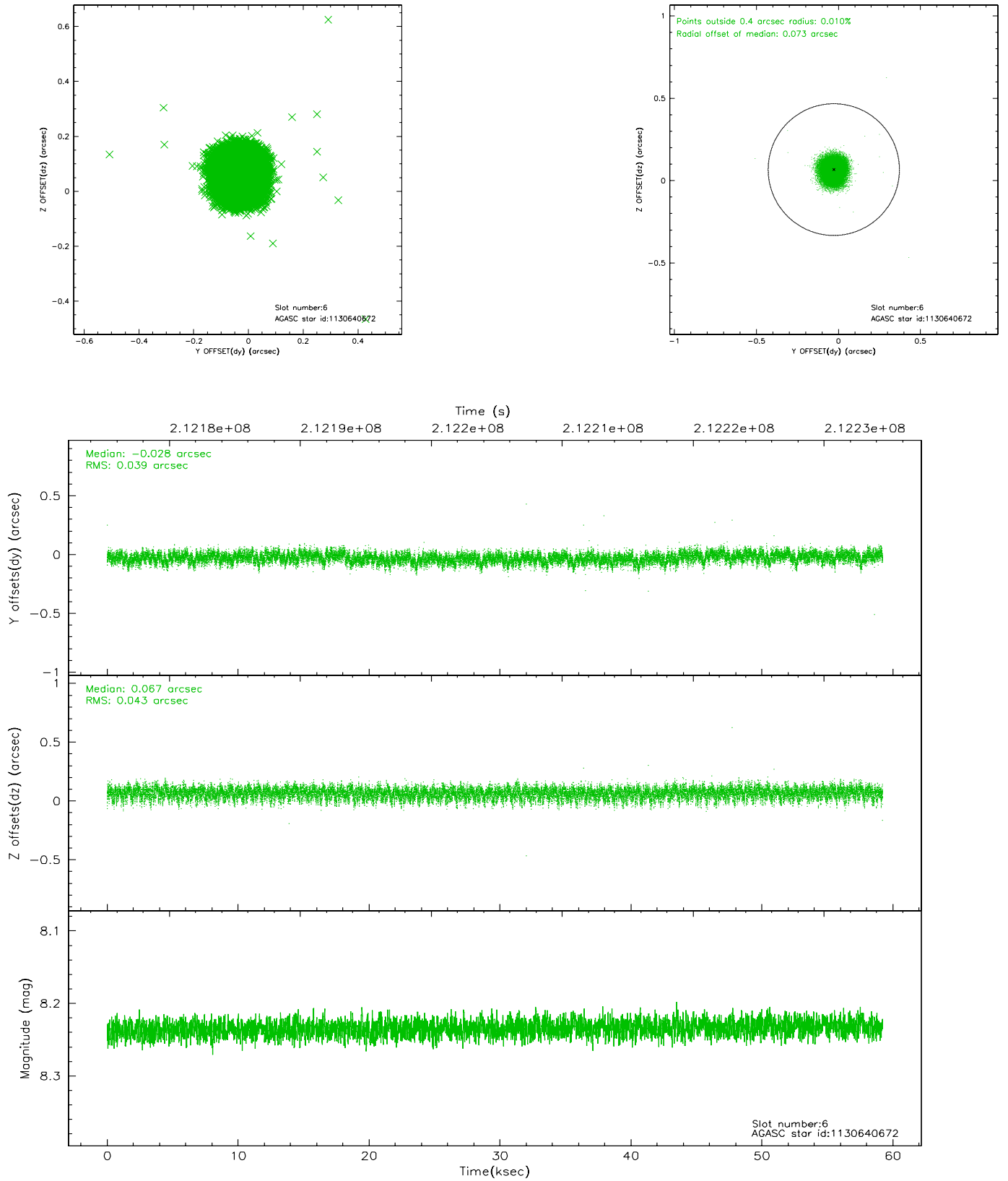
2.4.2 Slot 4



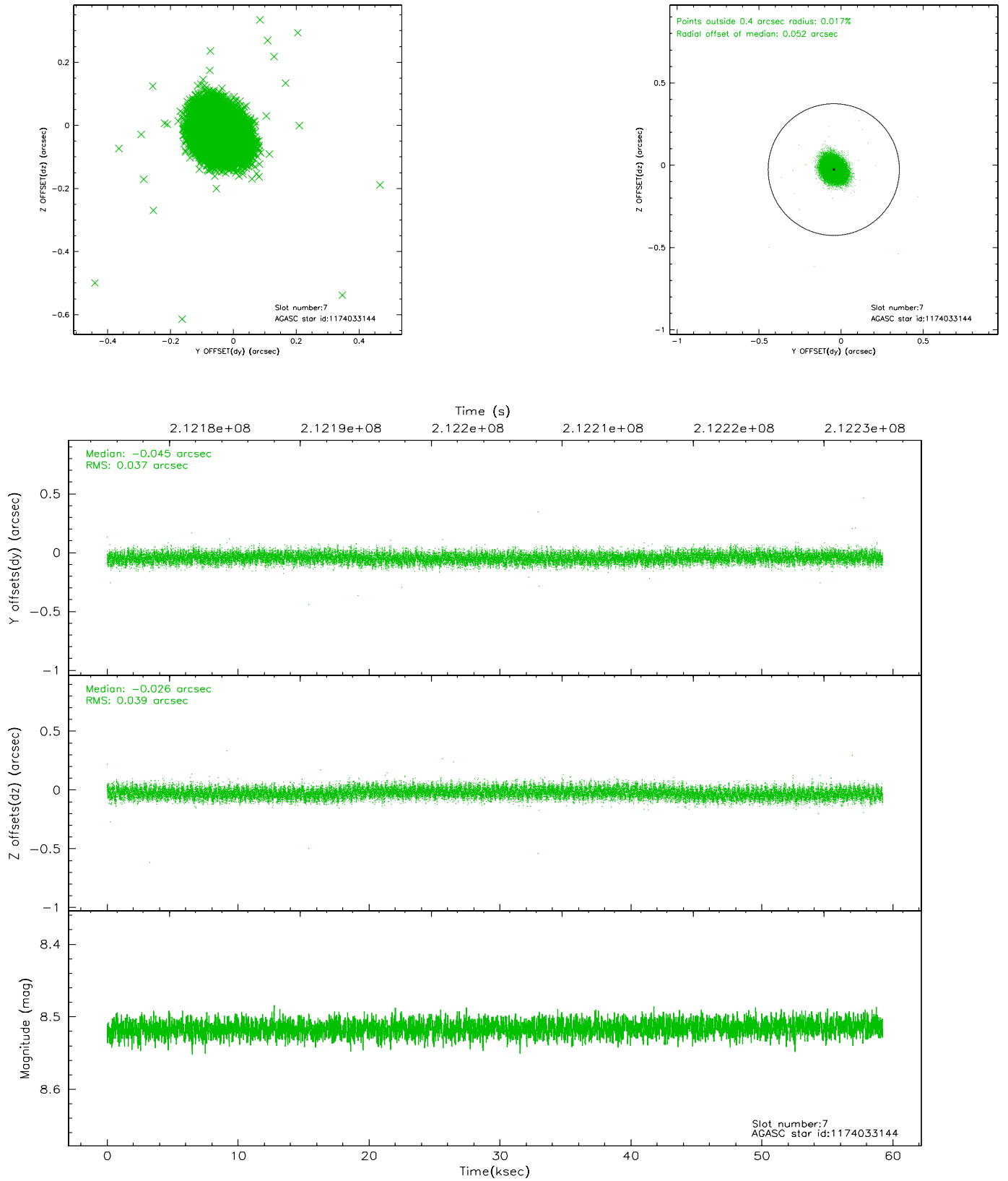
2.4.3 Slot 5



2.4.4 Slot 6

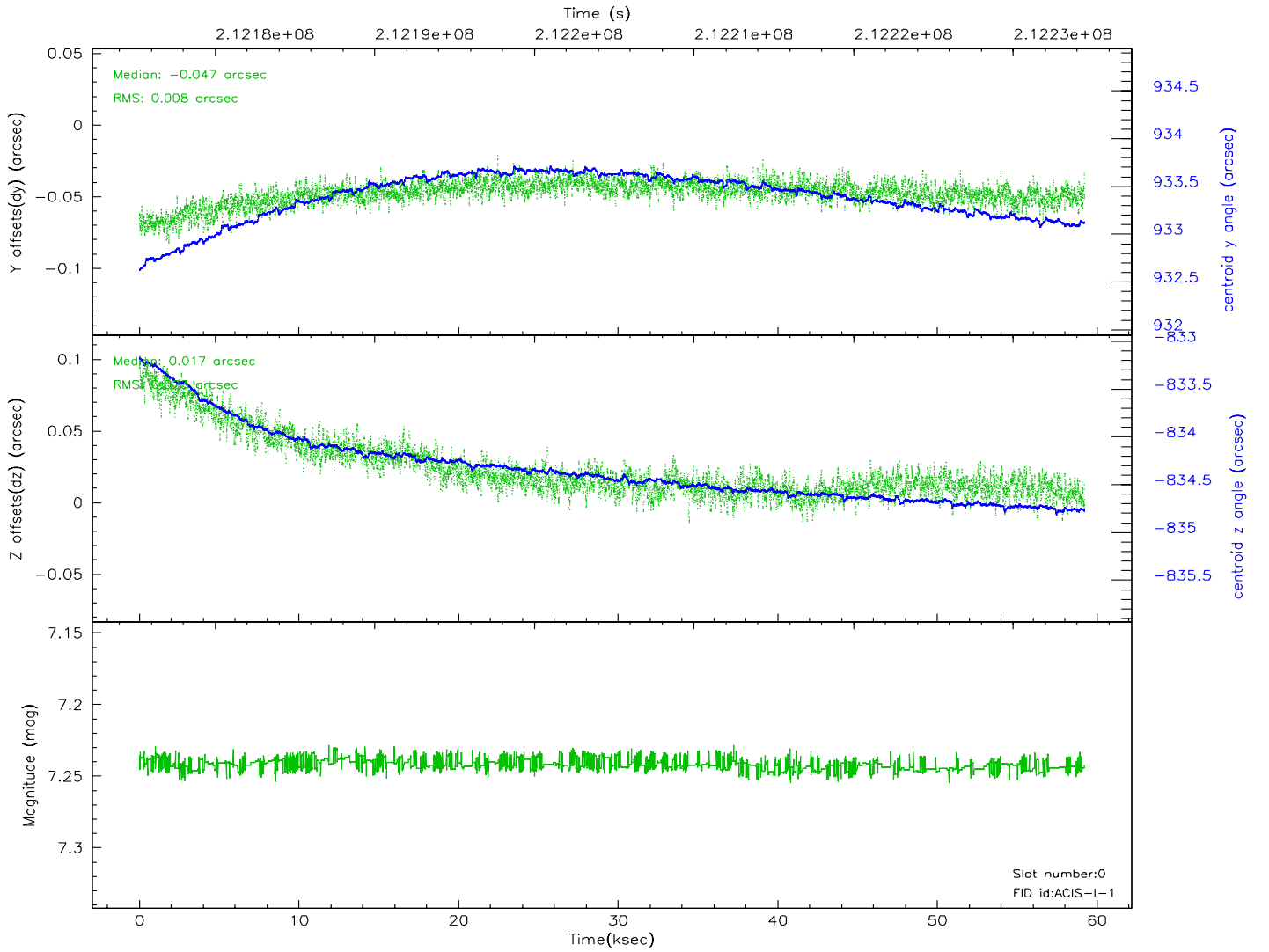
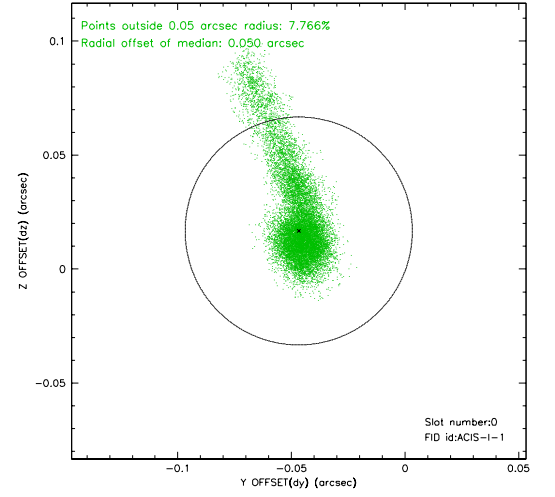
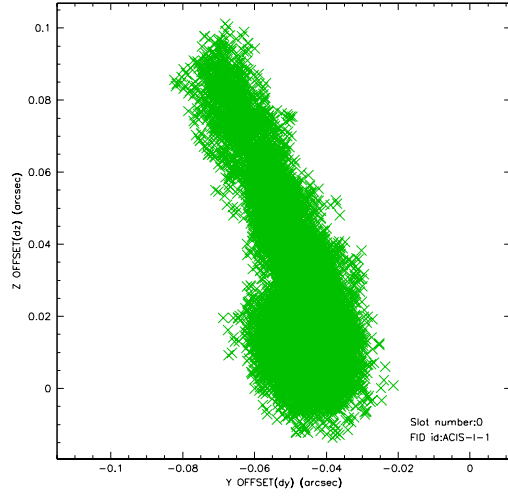


2.4.5 Slot 7

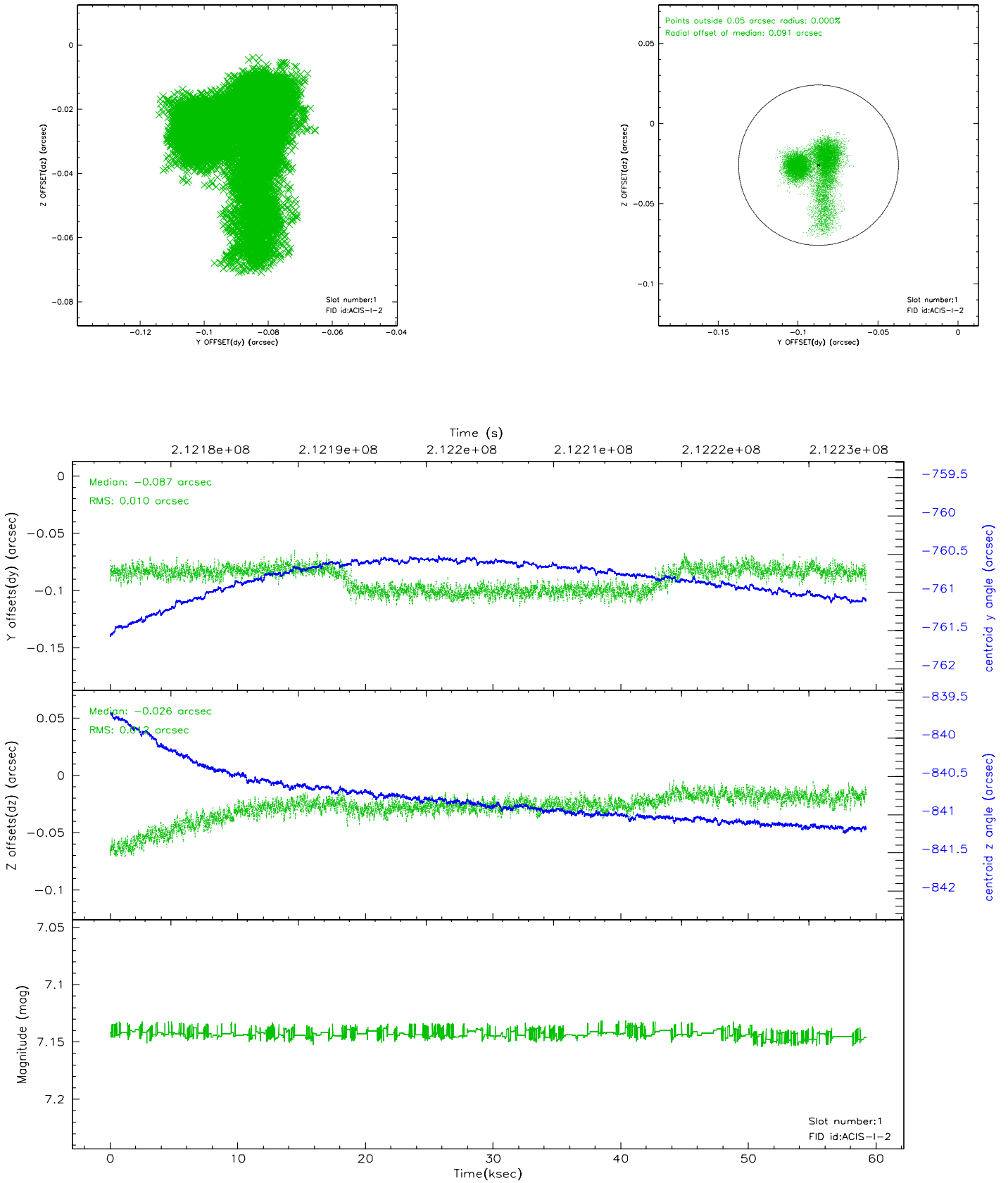


2.5 FID Slots

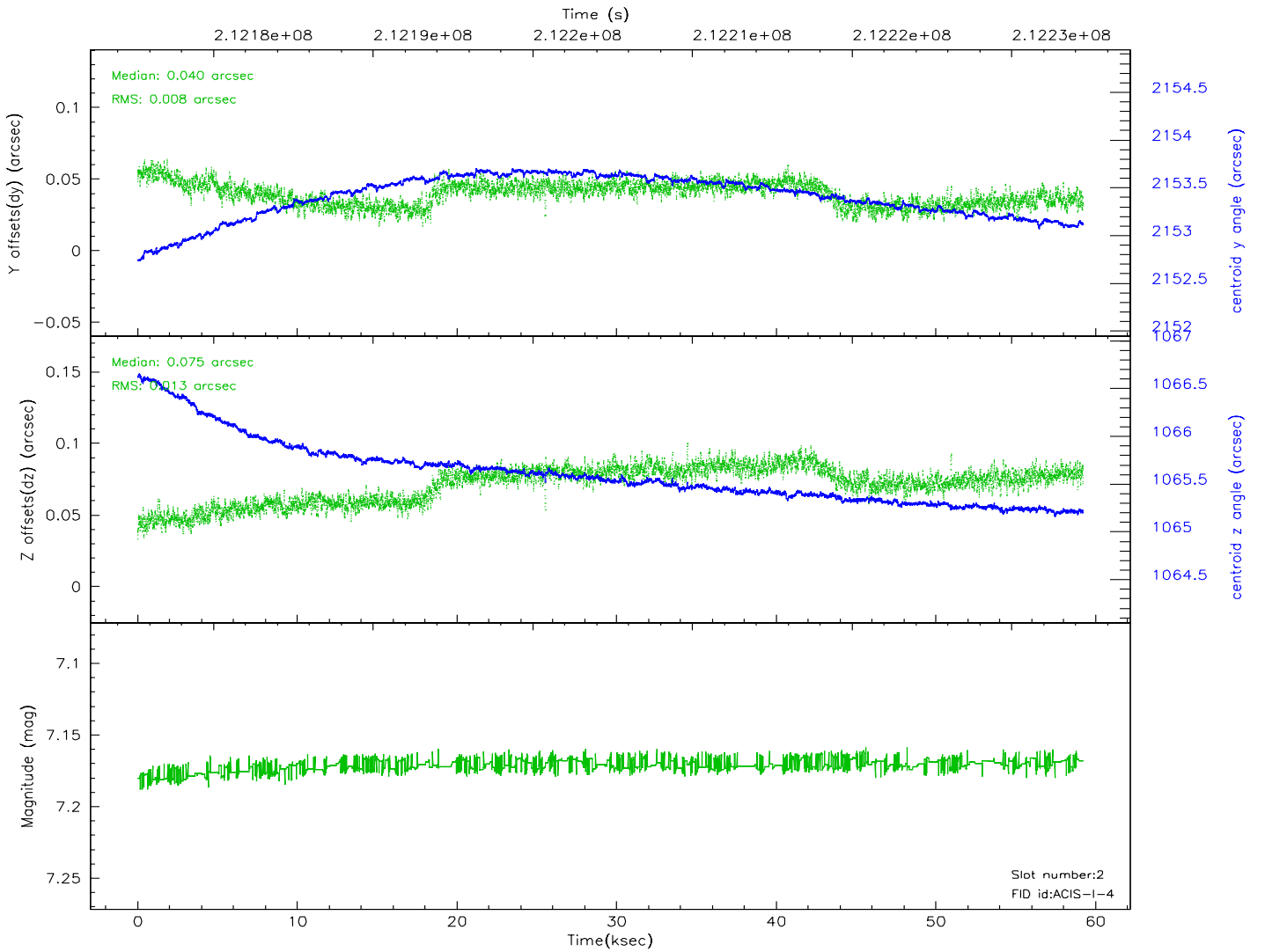
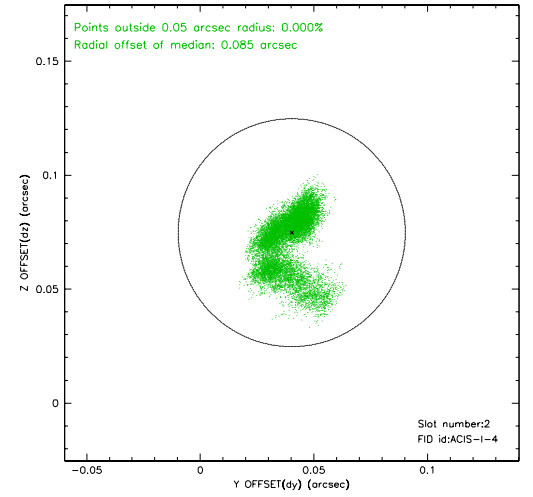
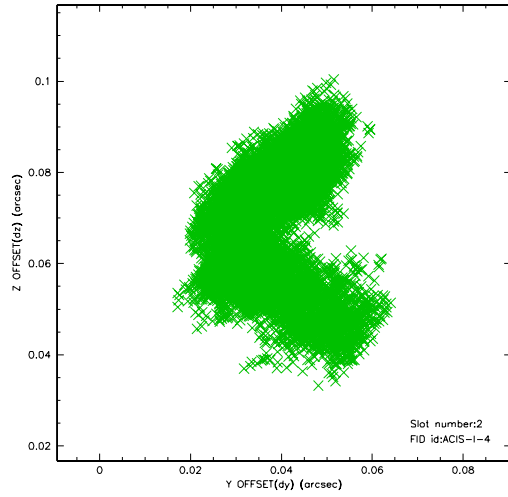
2.5.1 Slot 0



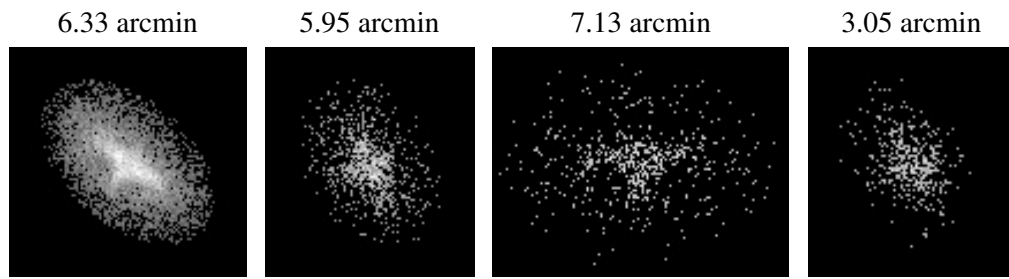
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	58.06

A.2 Comments