

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4493 - L2 Version 001
Chandra X-Ray Center

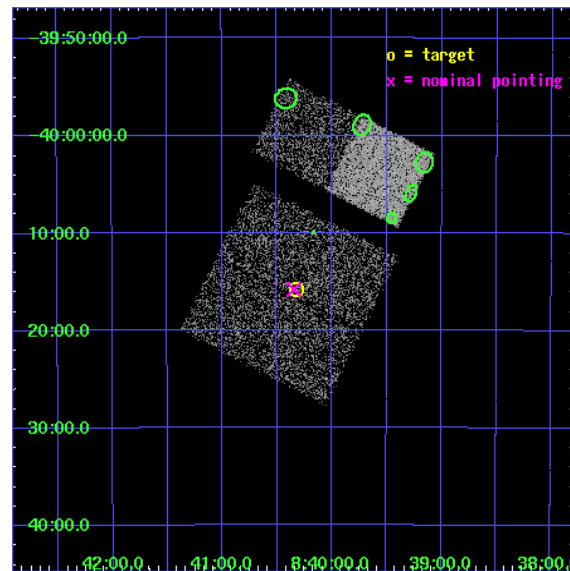
L2 Processing Date : Jun 8 2006

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1 Front

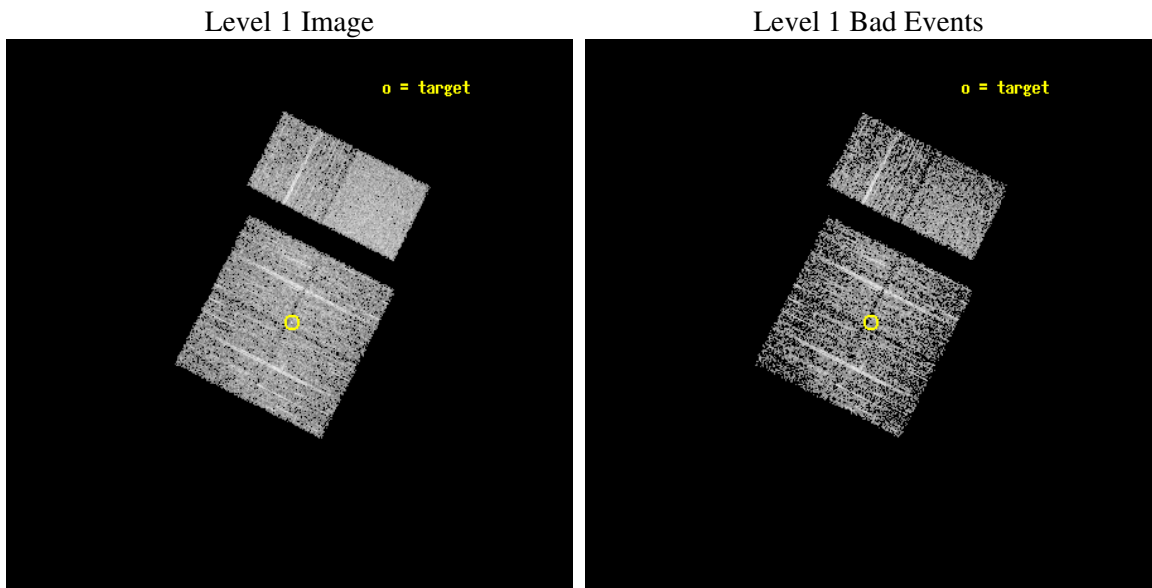
seq_num	200262
obs_id	4493
title	Planet formation and the missing 10 Myr old stars
observer	Prof. Eric Feigelson
object	HIP 42540
dtcycle	0
cycle	P
ra_targ	130.08
dec_targ	-40.263889
ra_nom	130.08631360763
dec_nom	-40.263503479894
roll_nom	26.889930084186
revision	2
ontime	2963.1999889612
livetime	2925.6781664762
ontime0	2963.1999889612
ontime1	2963.1999889612
ontime2	2963.1999889612
ontime3	2963.1999889612
ontime6	2963.1999889612
ontime7	2963.1999889612
l2events	18867



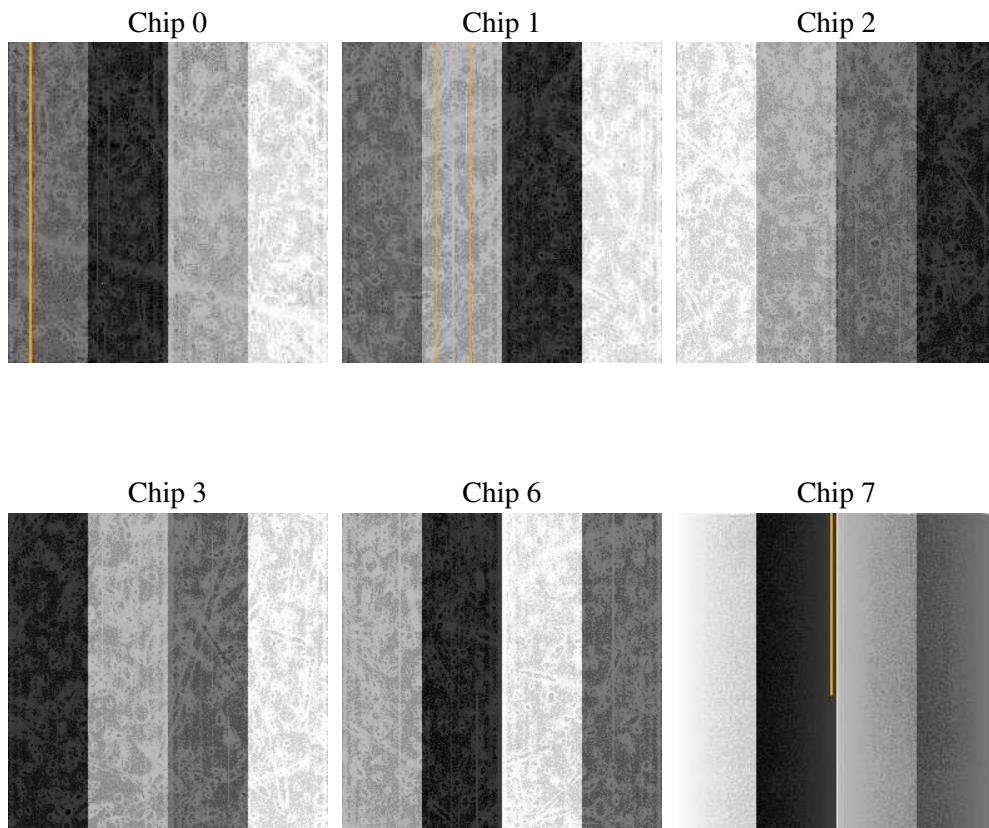
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-08T17:08:00
revision	2

sched_exp_time	3000.000000
ontime	2968.7573693693
ontime0	2968.7573693693
ontime1	2968.7573693693
ontime2	2968.7573693693
ontime3	2968.7573693693
ontime6	2968.7573693693
ontime7	2968.7573693693
l1events	114008

2.1.4 Events

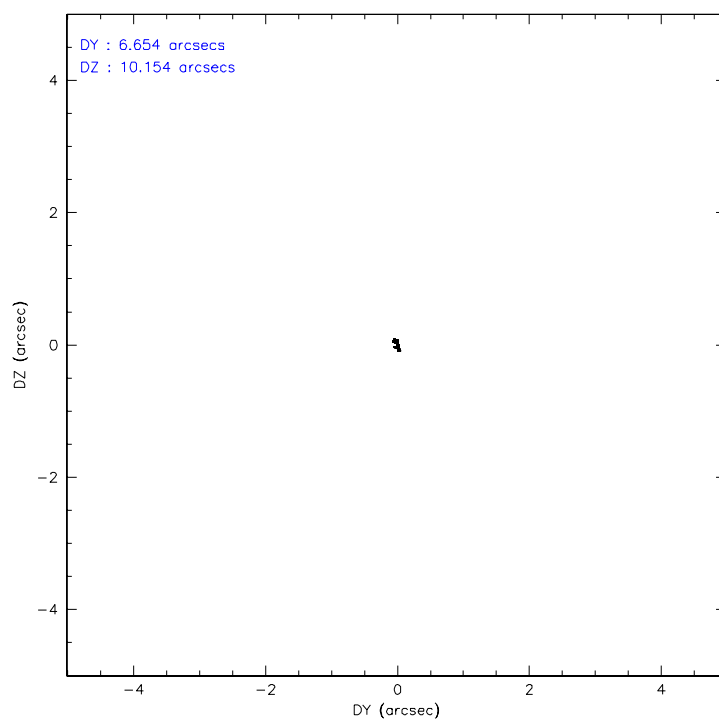
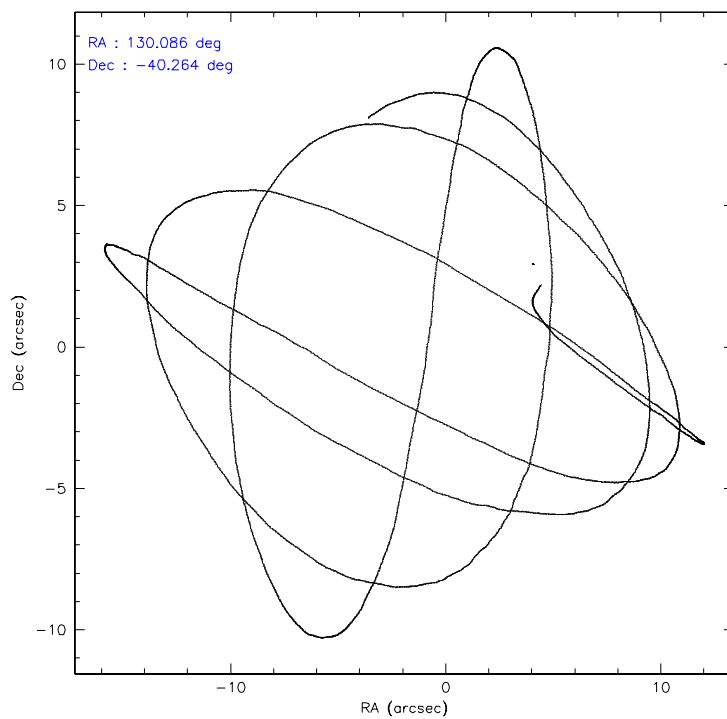
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	15480	17392	18907	18007	18754	25468
rejected events	13329	15064	16631	15737	16587	16052
rejected %	86%	86%	87%	87%	88%	63%

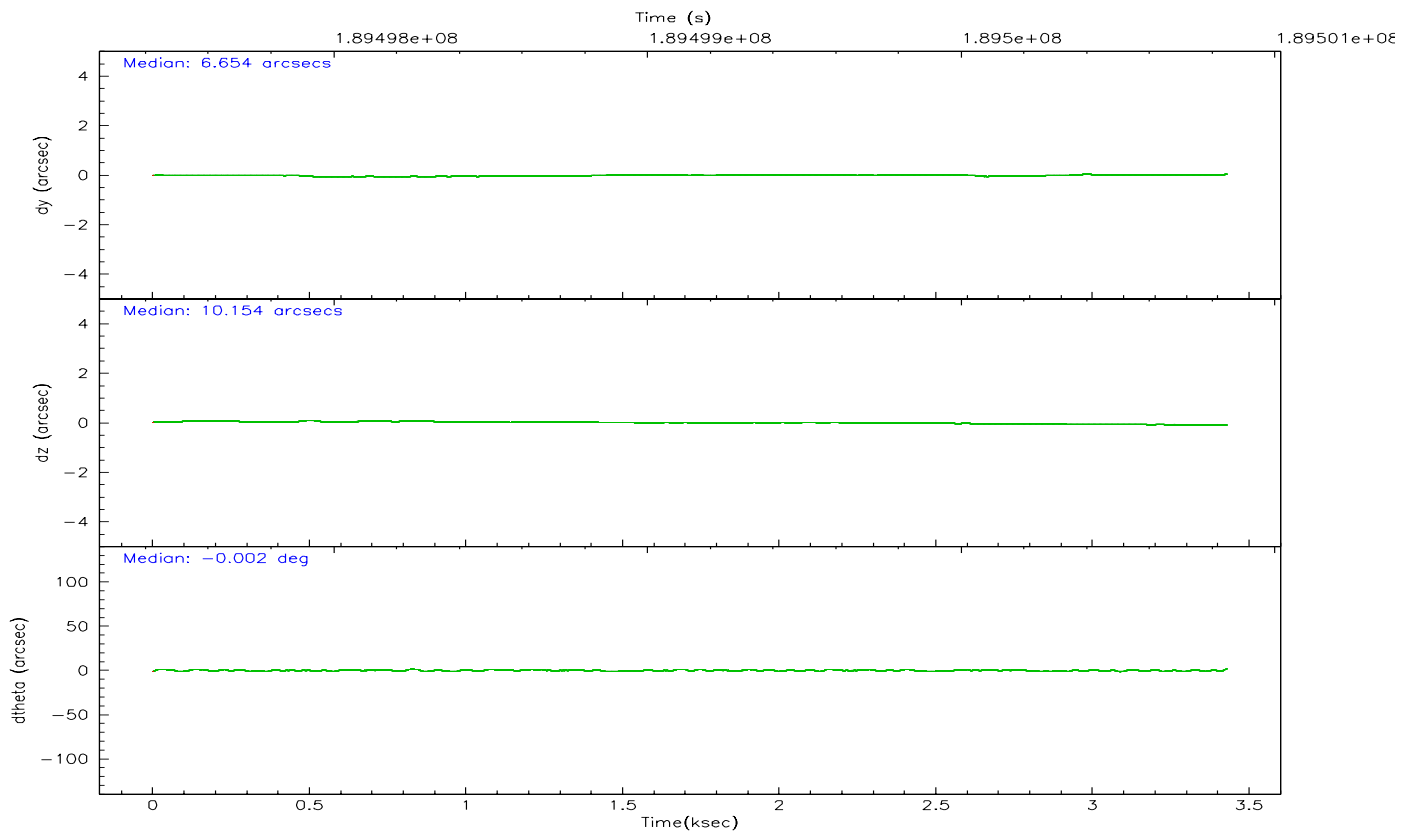
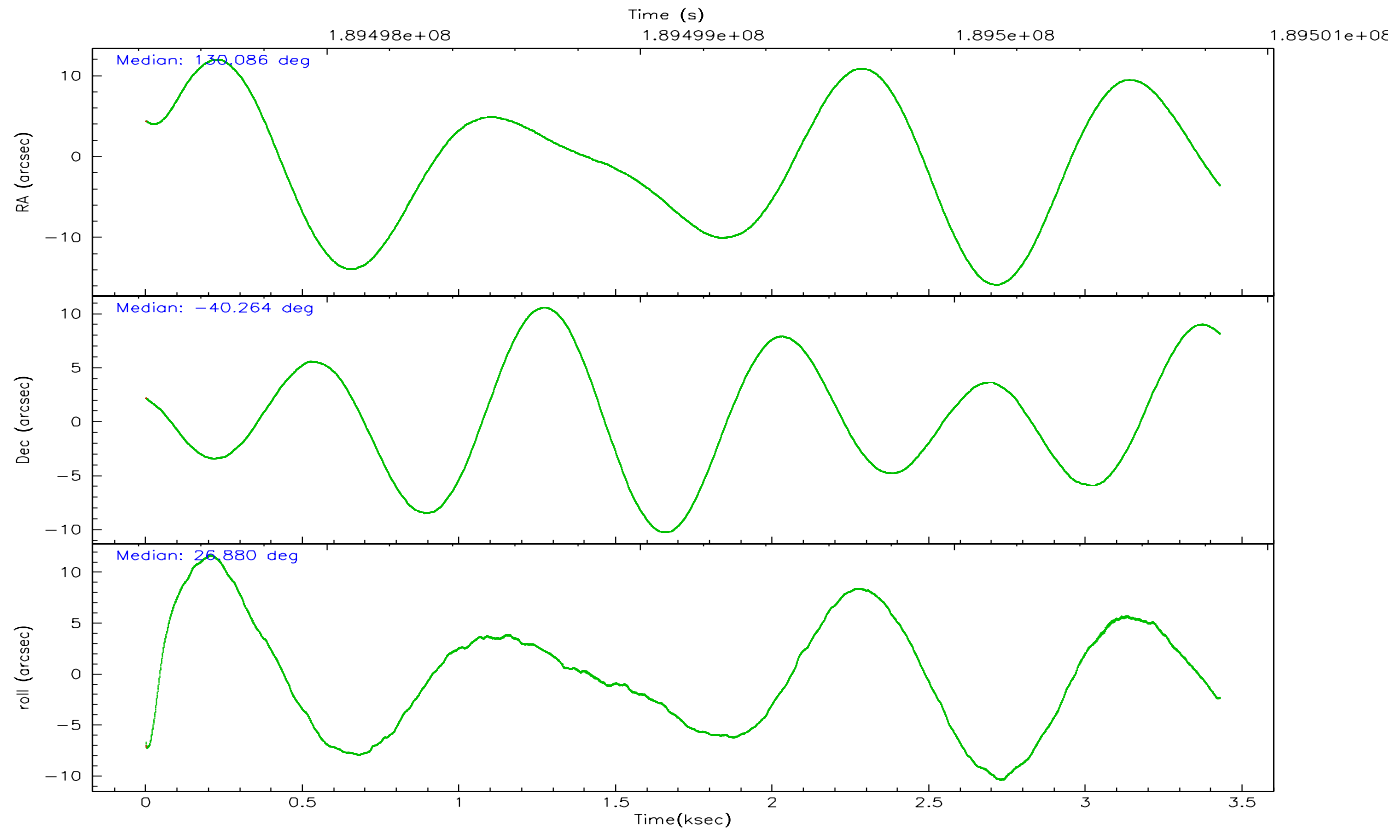
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	932	924	1065	1044	821	529
	6%	5%	5%	5%	4%	2%
grade 1 events	3	2	5	12	5	13
	0%	0%	0%	0%	0%	0%
grade 2 events	455	497	440	392	454	2397
	2%	2%	2%	2%	2%	9%
grade 3 events	200	226	200	226	226	481
	1%	1%	1%	1%	1%	1%
grade 4 events	200	232	207	212	243	480
	1%	1%	1%	1%	1%	1%
grade 5 events	745	812	738	817	946	1677
	4%	4%	3%	4%	5%	6%
grade 6 events	368	454	377	401	428	5566
	2%	2%	1%	2%	2%	21%
grade 7 events	12577	14245	15875	14903	15631	14325
	81%	81%	83%	82%	83%	56%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	130.066571	130.0863136076316	Alternating exposures requested	N	N
Pointing Dec	-40.286567	-40.26350347989359	Primary exposure time	0.000000	3.2
Pointing Roll	26.668520	26.88993008418604			
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	189497855.184000	189496770.94391			
Observation start date	2004-01-03T06:16:31	2004-01-03T05:59:30			
Observation end time	189500855.184000	189501998.95663			
Observation end date	2004-01-03T07:06:31	2004-01-03T07:26:38			
Read mode	TIMED	TIMED			

2.3 Aspect



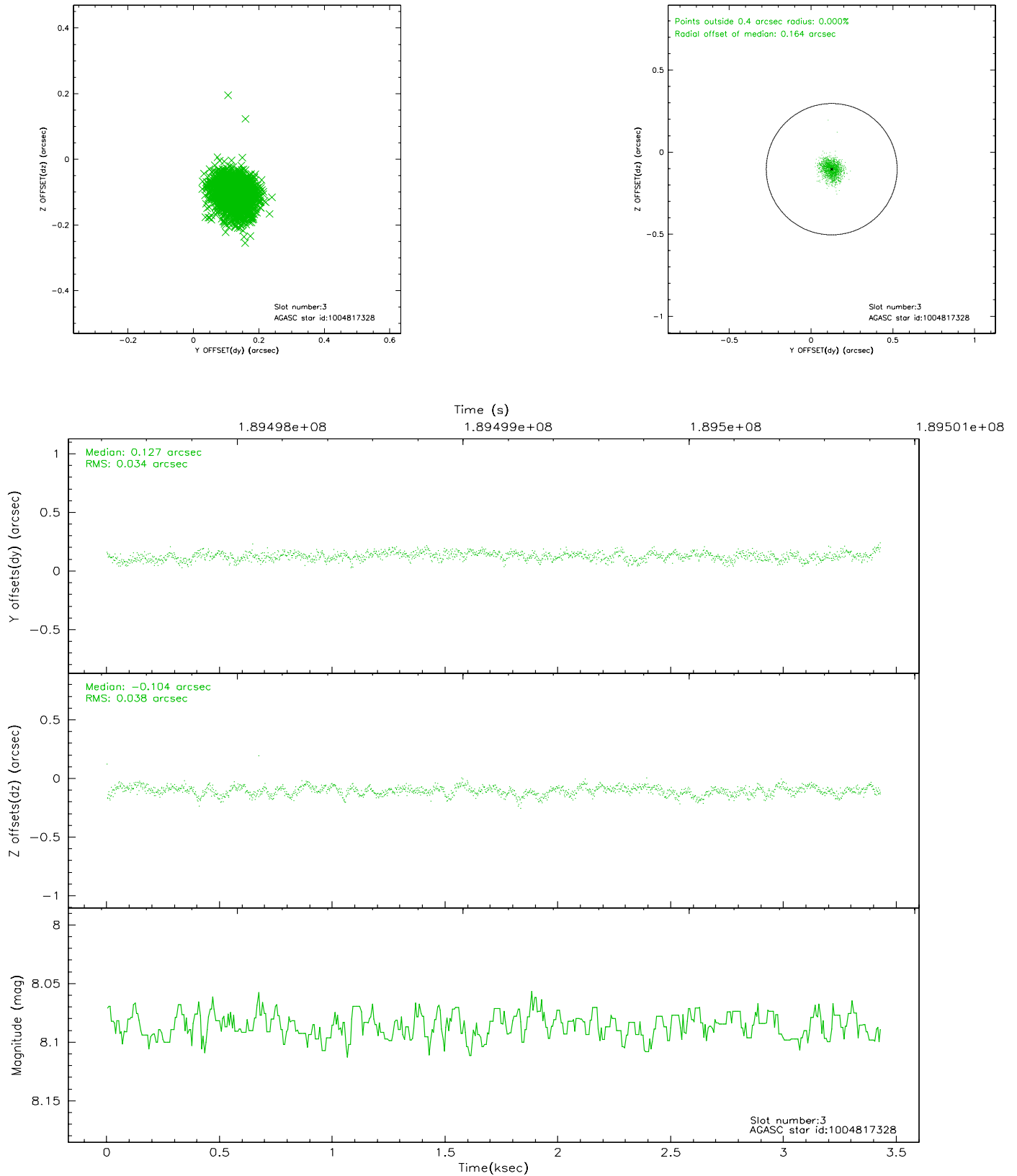


Slot Statistics

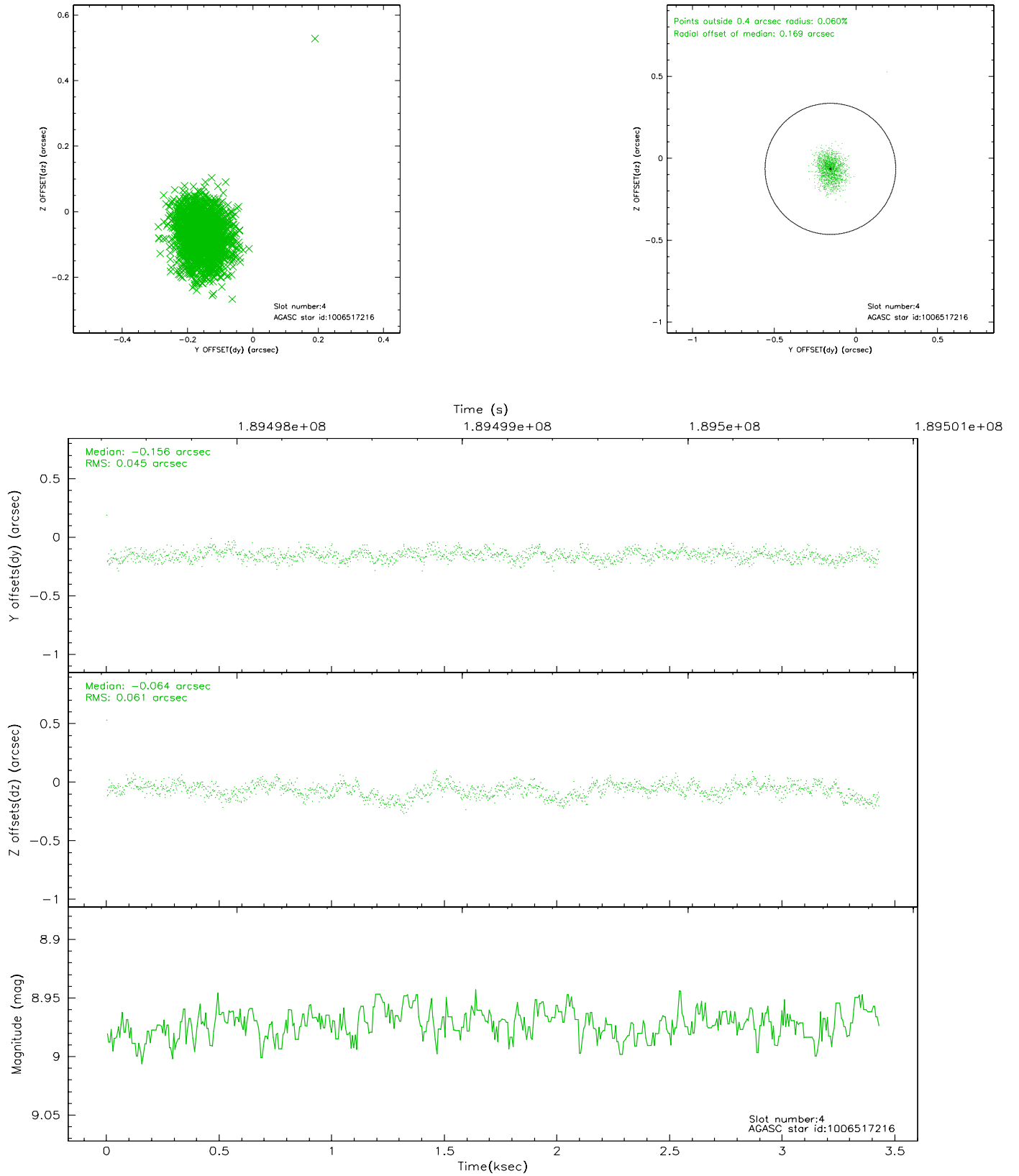
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	837	-0.010	-0.041	0.010	0.019	0.000000	0.000000	-761.14	-840.03
1	FID	ACIS-I-5	7.23	836	-0.103	0.063	0.008	0.017	0.000000	0.000000	-1816.15	1063.00
2	FID	ACIS-I-6	7.25	837	0.020	0.046	0.007	0.014	0.000000	0.000000	396.62	1709.57
3	GUIDE	1004817328	8.09	1673	0.127	-0.104	0.054	0.087	129.479978	-40.373625	-1581.10	437.18
4	GUIDE	1006517216	8.97	1674	-0.156	-0.064	0.079	0.128	130.460236	-40.699999	289.84	-1813.89
5	GUIDE	1006517568	8.83	1674	-0.065	-0.096	0.095	0.154	130.533076	-40.705706	458.95	-1923.60
6	GUIDE	1004817792	7.69	1674	0.213	-0.290	0.056	0.091	129.828757	-39.799339	198.75	1860.63
7	GUIDE	1006516432	9.29	1672	-0.114	0.556	0.127	0.204	131.038579	-40.578541	1896.64	-2142.96

2.4 Star Slots

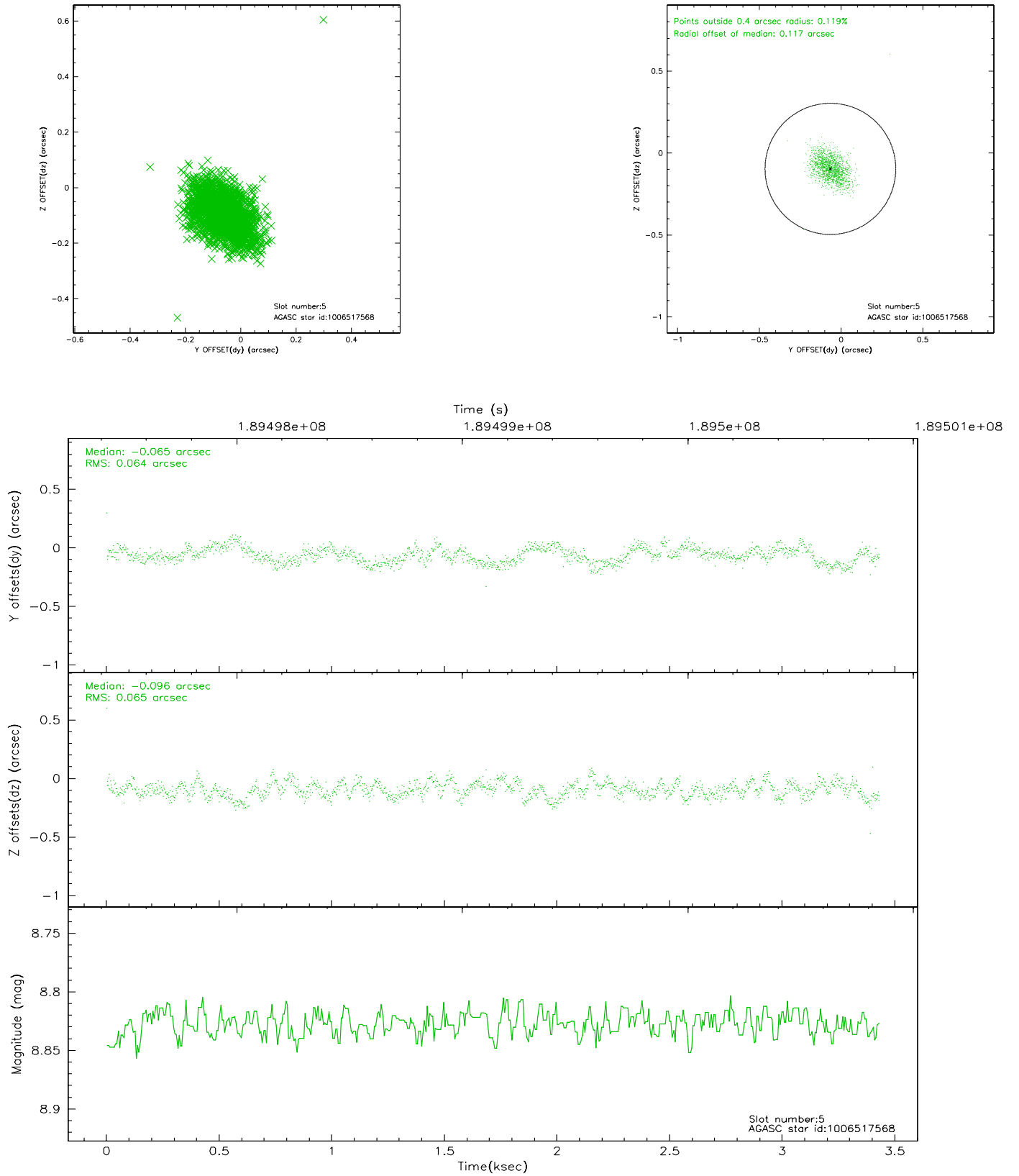
2.4.1 Slot 3



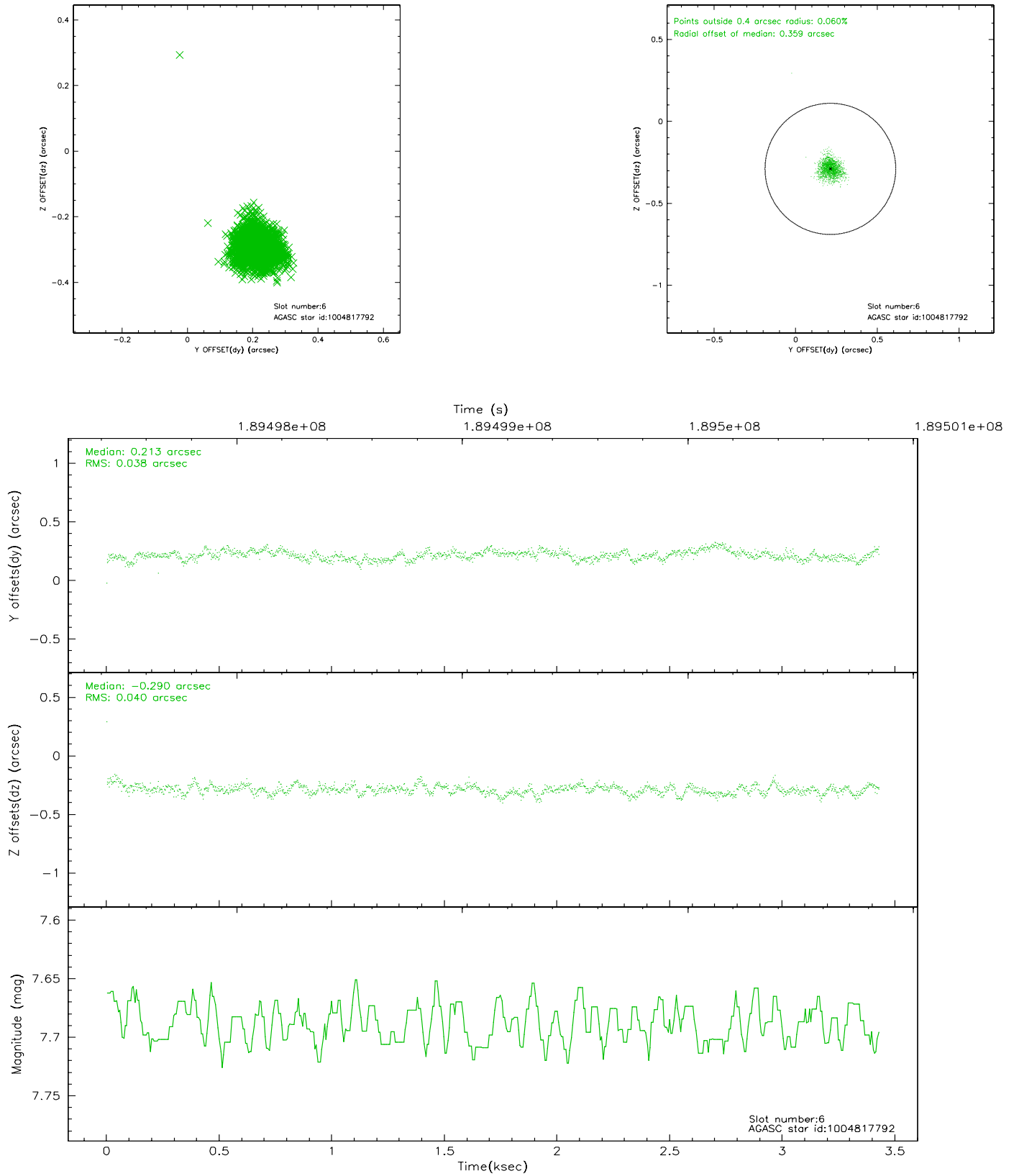
2.4.2 Slot 4



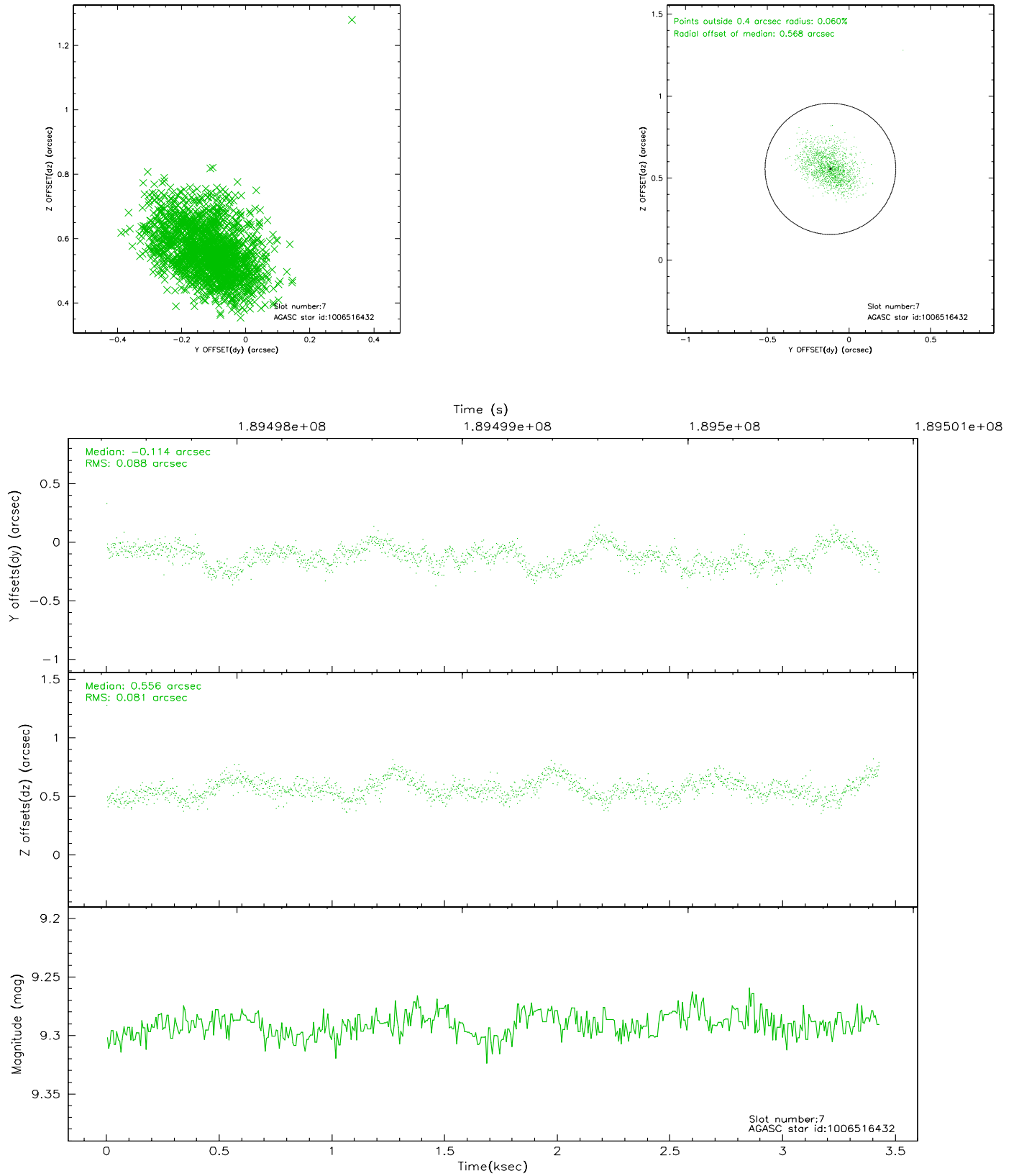
2.4.3 Slot 5



2.4.4 Slot 6

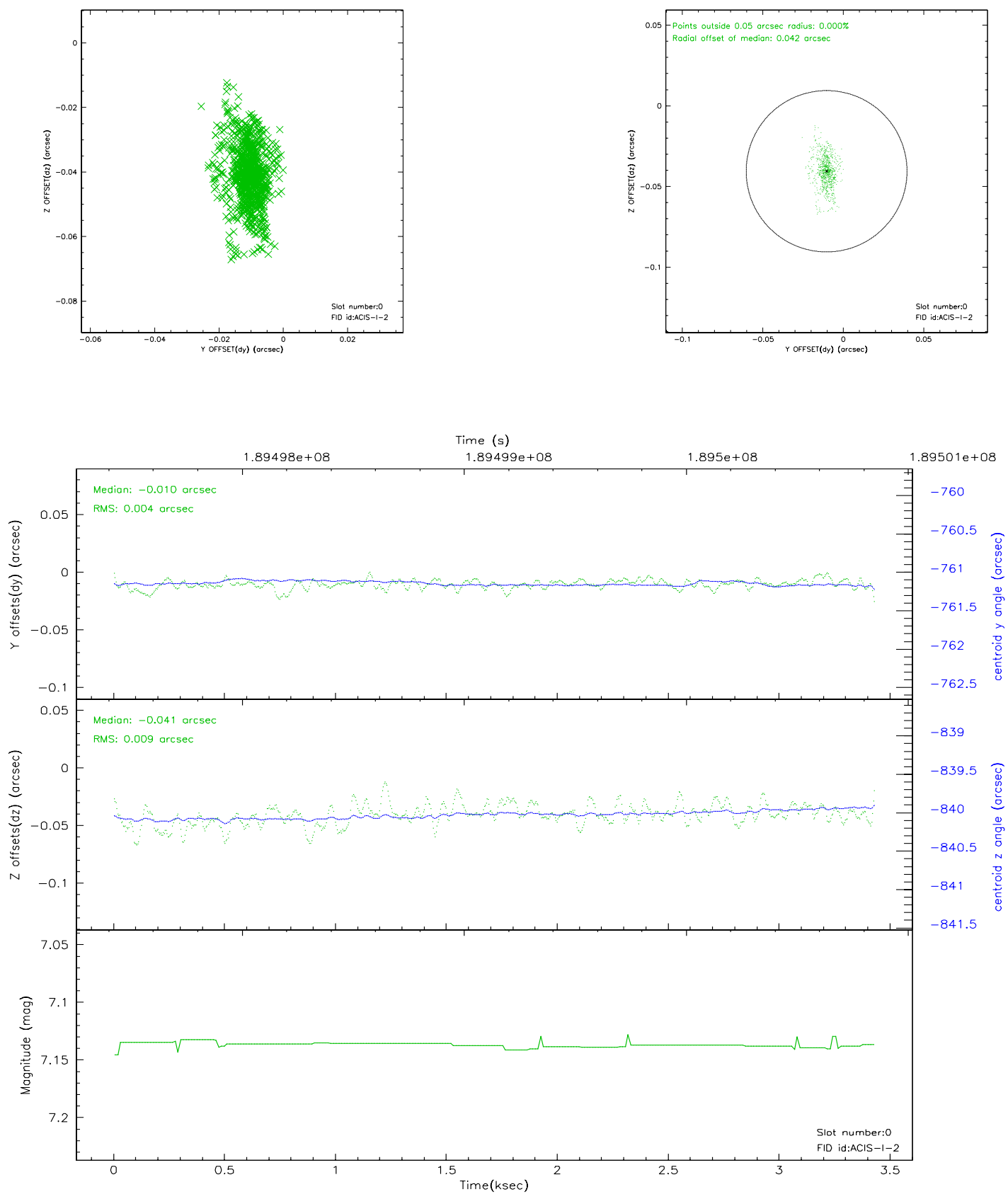


2.4.5 Slot 7

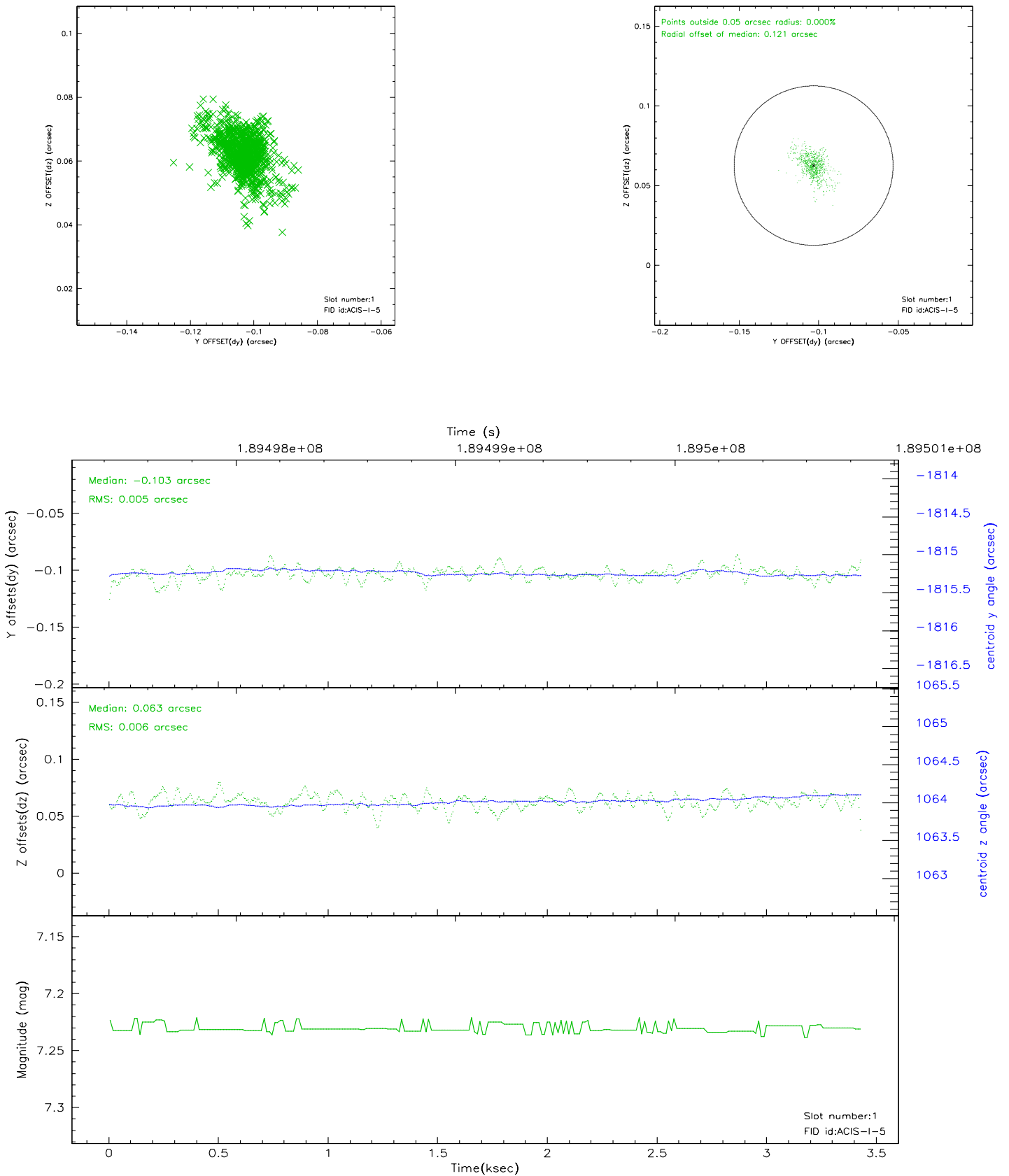


2.5 FID Slots

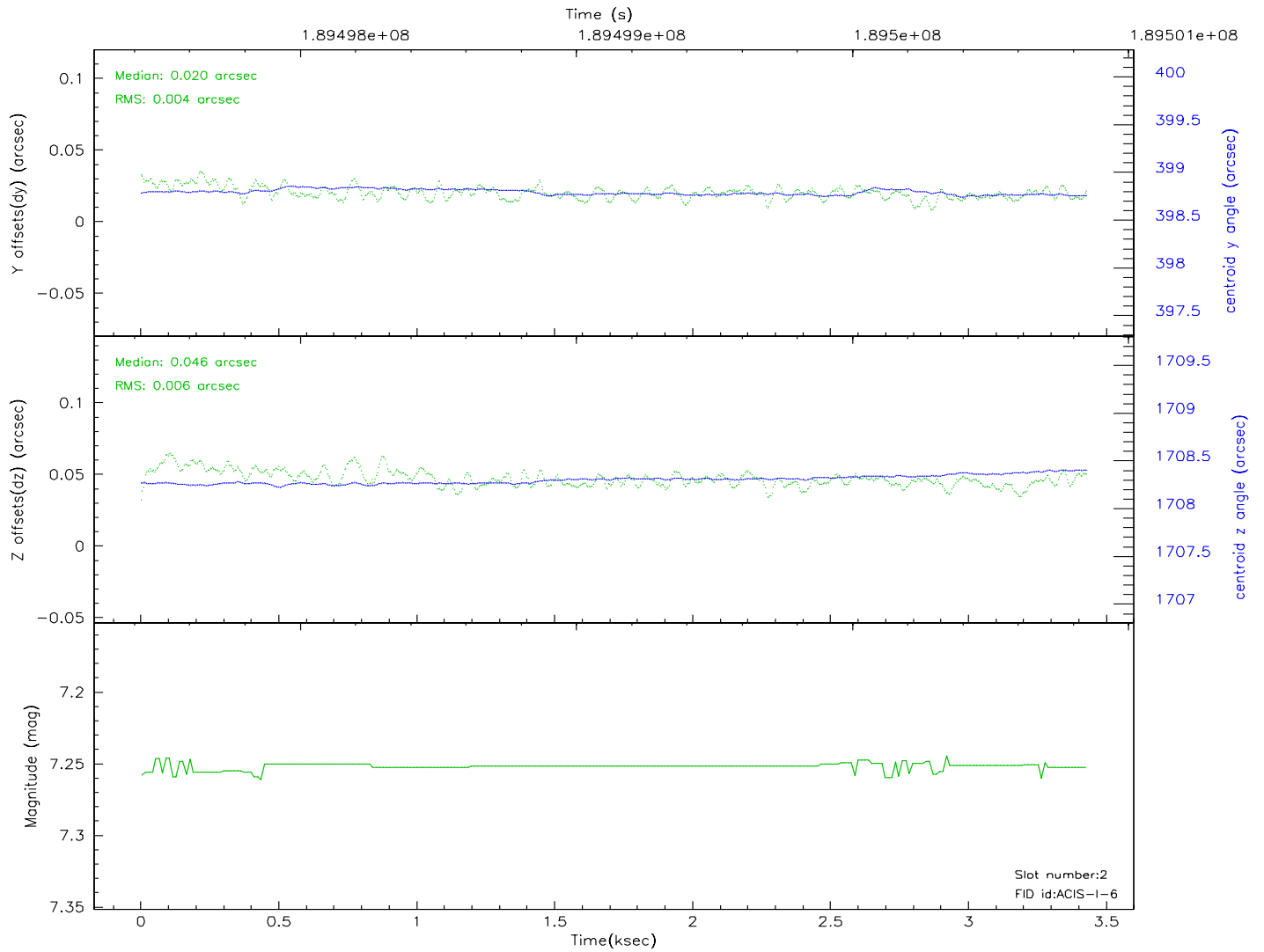
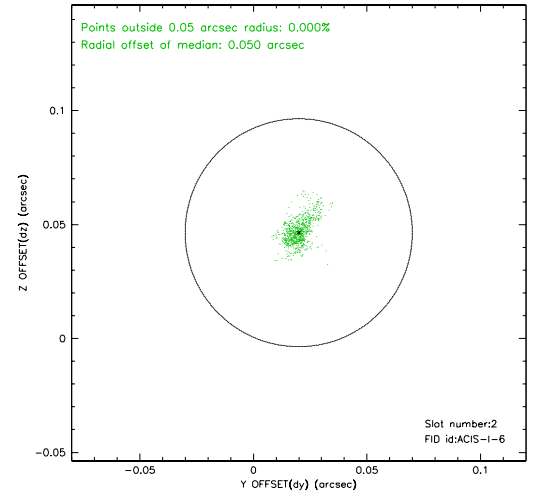
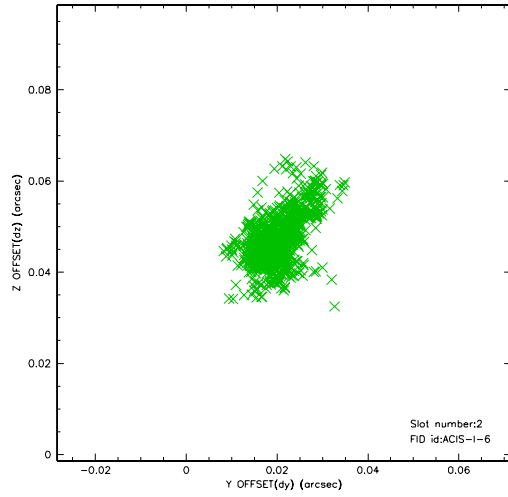
2.5.1 Slot 0



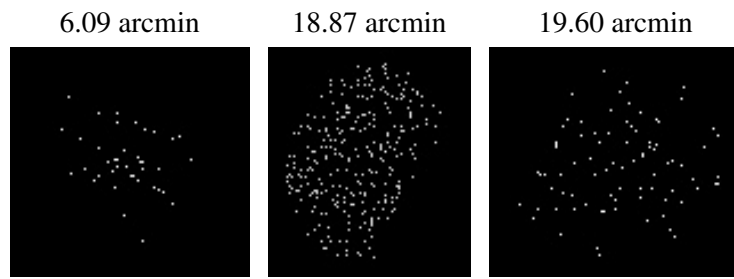
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.966

A.2 Comments