

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4497 - L2 Version 001
Chandra X-Ray Center

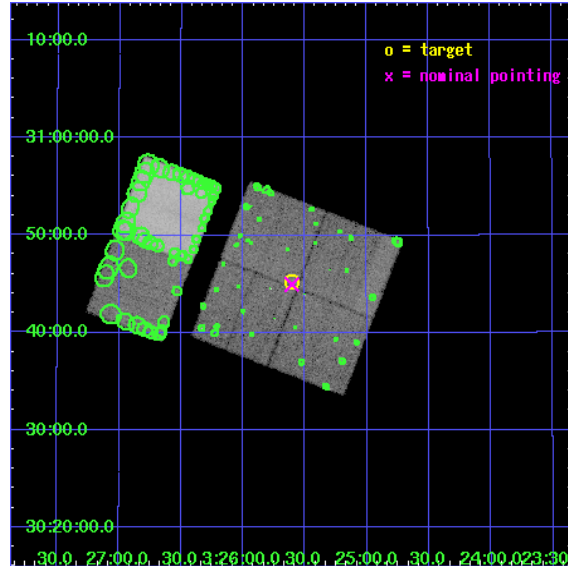
L2 Processing Date : May 29 2006

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1 Front

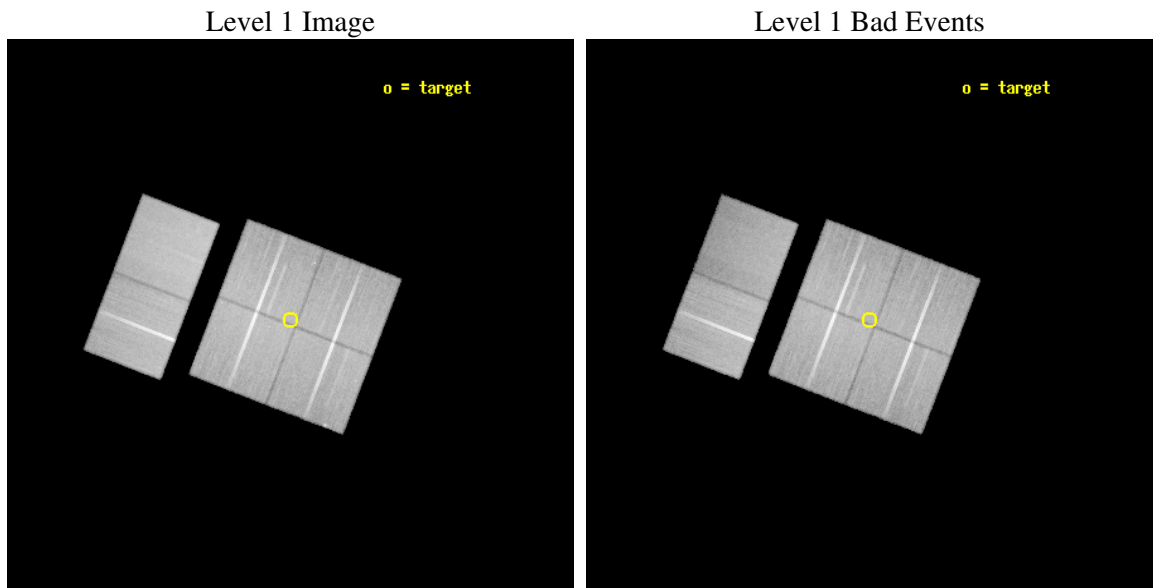
seq_num	200266
obs_id	4497
title	Establishing Jet-excited X-ray Emissions from Protostars with High-resolution Imaging with Chandra/ACIS
observer	Dr. Masahiro Tsujimoto
object	L1448 N-A
dtcycle	0
cycle	P
ra_targ	51.401667
dec_targ	30.754167
ra_nom	51.401477309113
dec_nom	30.749546731532
roll_nom	291.06332155277
revision	2
ontime	68799.87685281
livetime	67928.691385788
ontime0	68806.358803302
ontime1	68799.876862854
ontime2	68809.599743664
ontime3	68799.87685281
ontime6	68806.358753473
ontime7	68809.599743664
l2events	338856



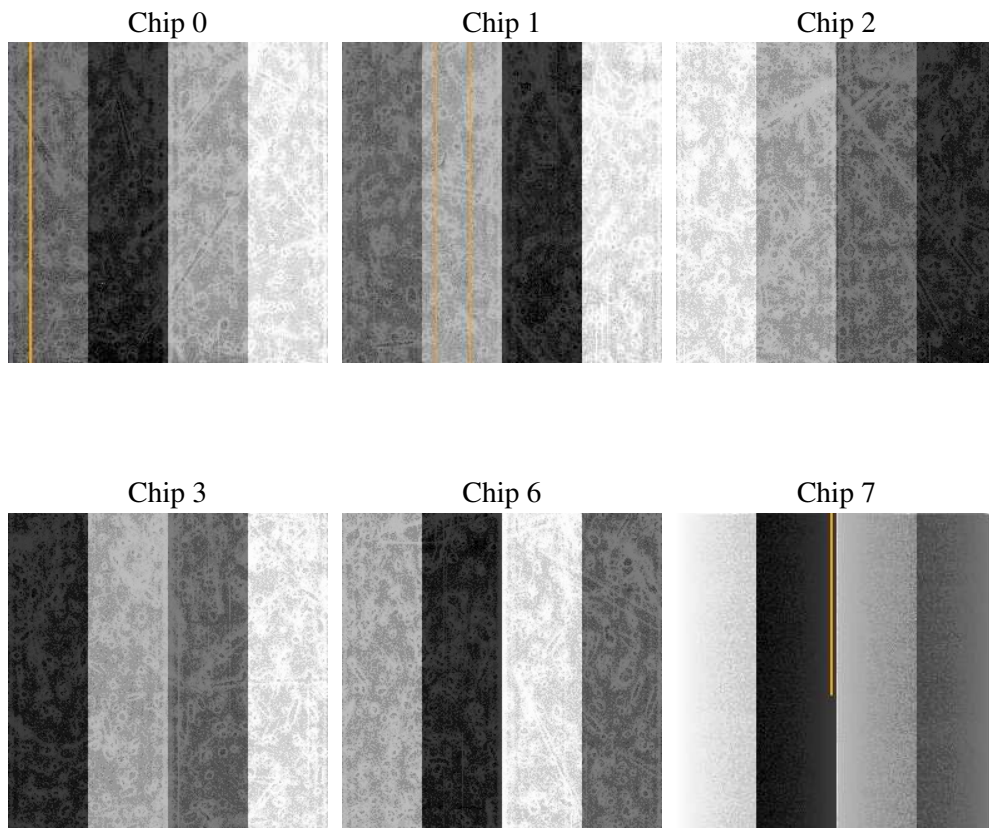
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-29T13:36:20
revision	2

sched_exp_time	68656.000000
ontime	69914.861977369
ontime0	69921.343897939
ontime1	69914.861987412
ontime2	69924.584868222
ontime3	69914.861977369
ontime6	69921.343878031
ontime7	69924.584868222
l1events	2370512

2.1.4 Events

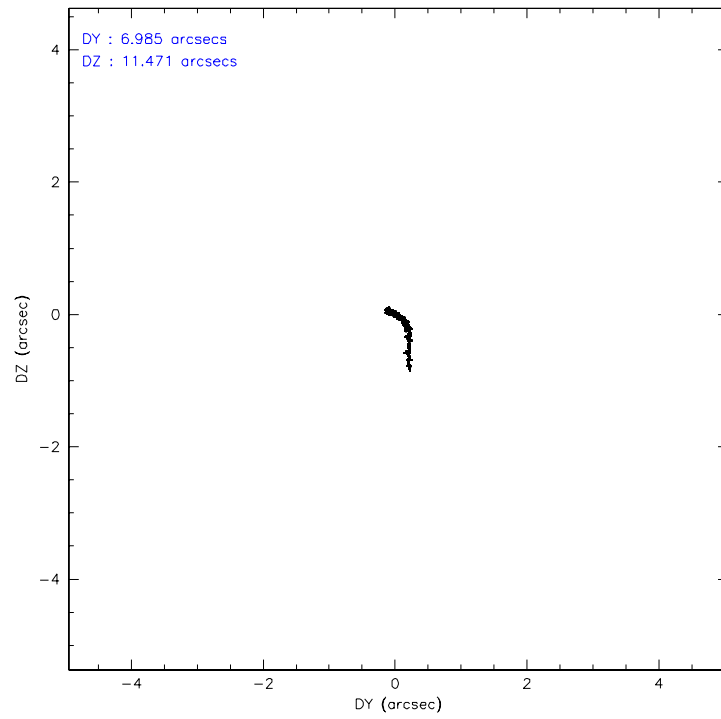
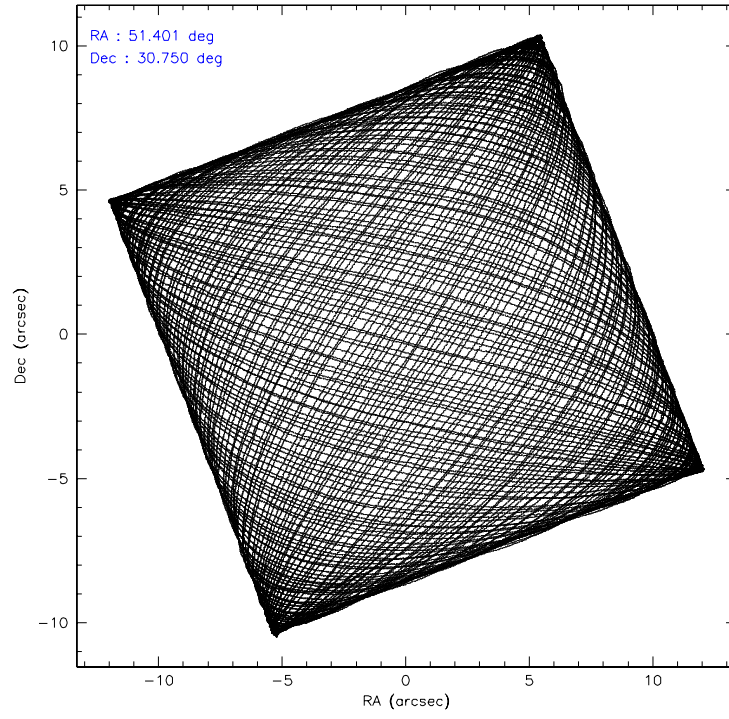
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	367057	364740	408227	386572	408025	435891
rejected events	327855	322212	370542	349966	367899	255917
rejected %	89%	88%	90%	90%	90%	58%

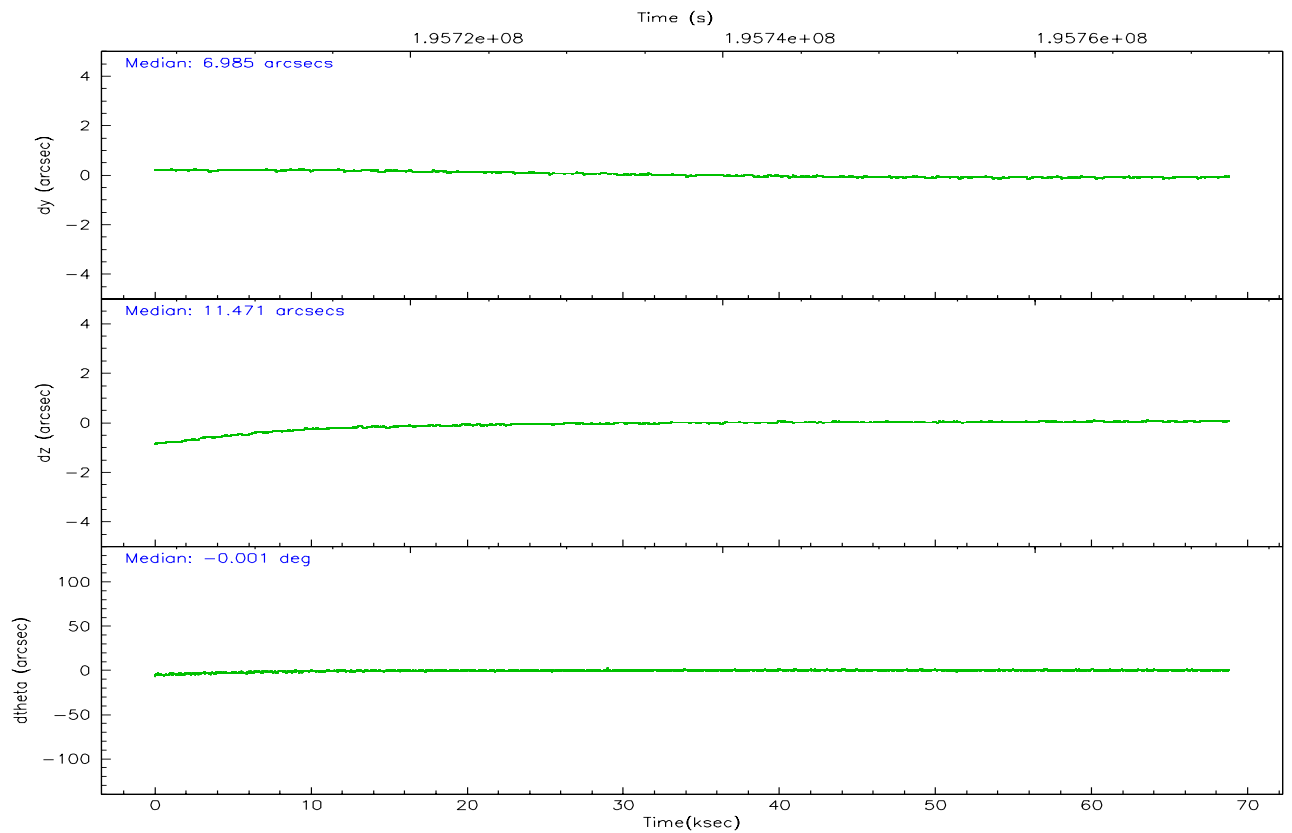
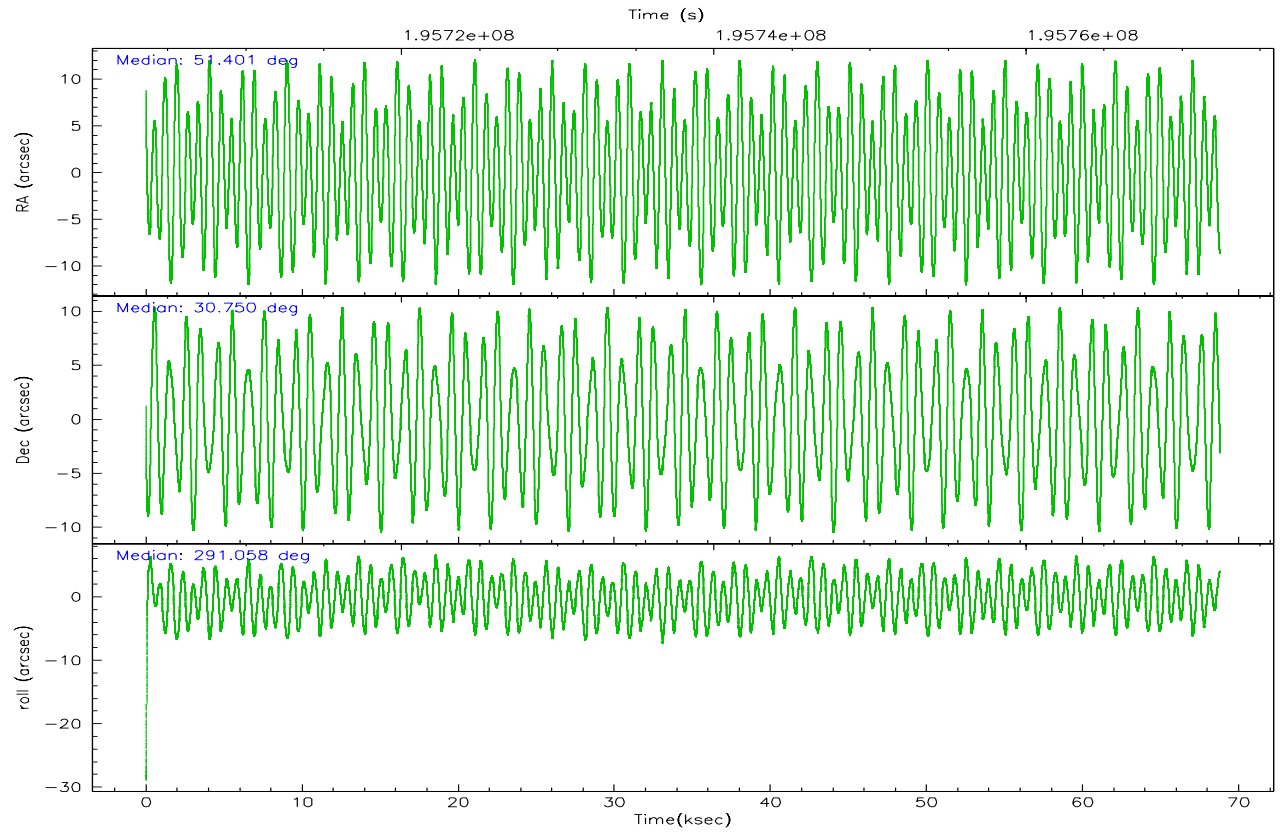
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	14336	15484	13901	13218	14070	10775
	3%	4%	3%	3%	3%	2%
grade 1 events	183	159	228	198	195	242
	0%	0%	0%	0%	0%	0%
grade 2 events	9122	9153	8903	7943	8927	44820
	2%	2%	2%	2%	2%	10%
grade 3 events	4479	4936	4226	4376	4454	10550
	1%	1%	1%	1%	1%	2%
grade 4 events	4280	4769	4324	4283	4456	10115
	1%	1%	1%	1%	1%	2%
grade 5 events	13895	14557	12887	15564	16268	33213
	3%	3%	3%	4%	3%	7%
grade 6 events	7631	8805	6913	7365	8910	106619
	2%	2%	1%	1%	2%	24%
grade 7 events	313131	306877	356845	333625	350745	219557
	85%	84%	87%	86%	85%	50%

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	51.376621	51.40147730911291	Alternating exposures requested	N	N
Pointing Dec	30.766655	30.74954673153163	Primary exposure time	0.000000	3.2
Pointing Roll	290.867351	291.0633215527664			
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	195703778.184000	195702165.29014			
Observation start date	2004-03-15T02:08:34	2004-03-15T01:42:45			
Observation end time	195772434.184000	195773154.23075			
Observation end date	2004-03-15T21:12:50	2004-03-15T21:25:54			
Read mode	TIMED	TIMED			

2.3 Aspect



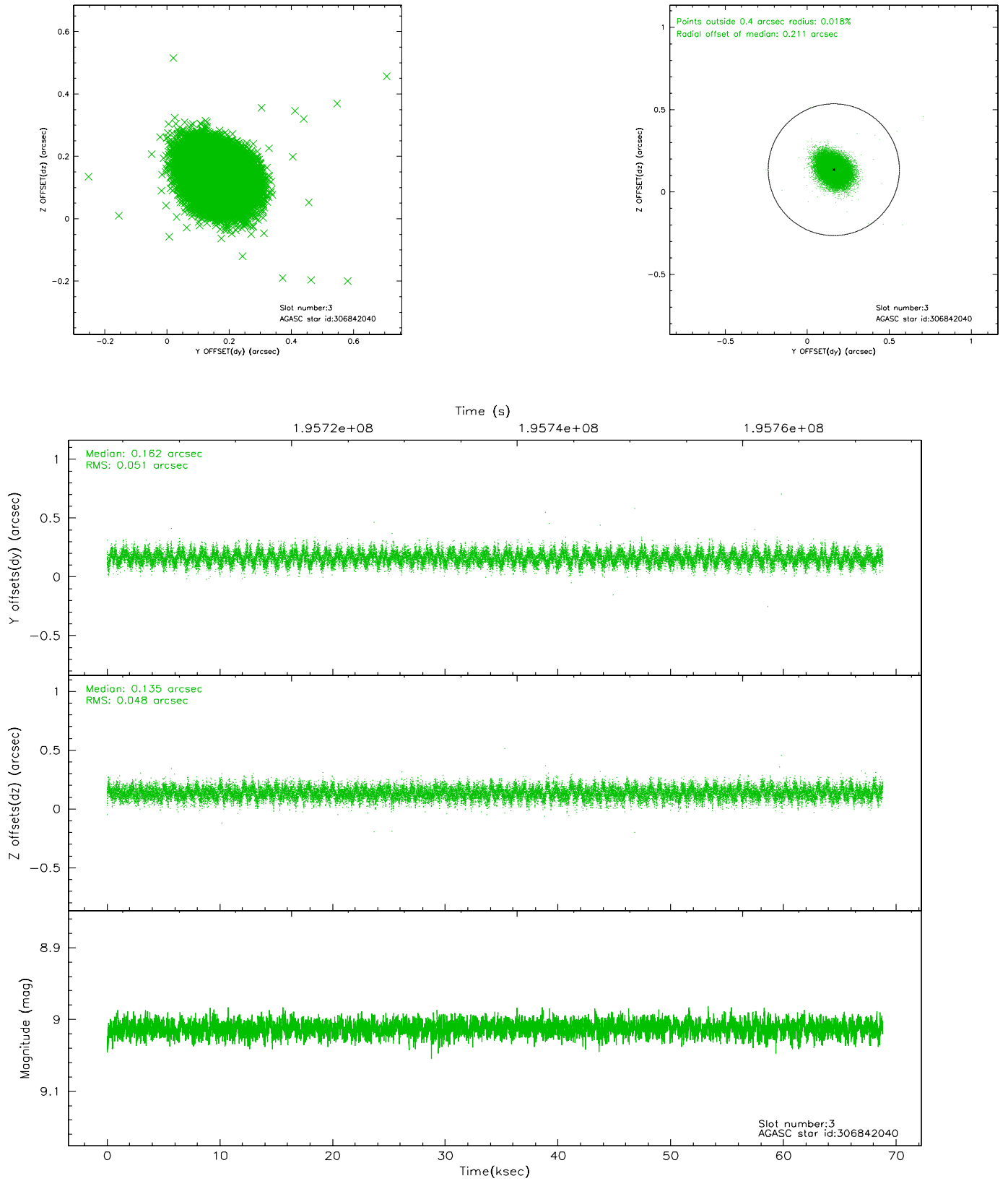


Slot Statistics

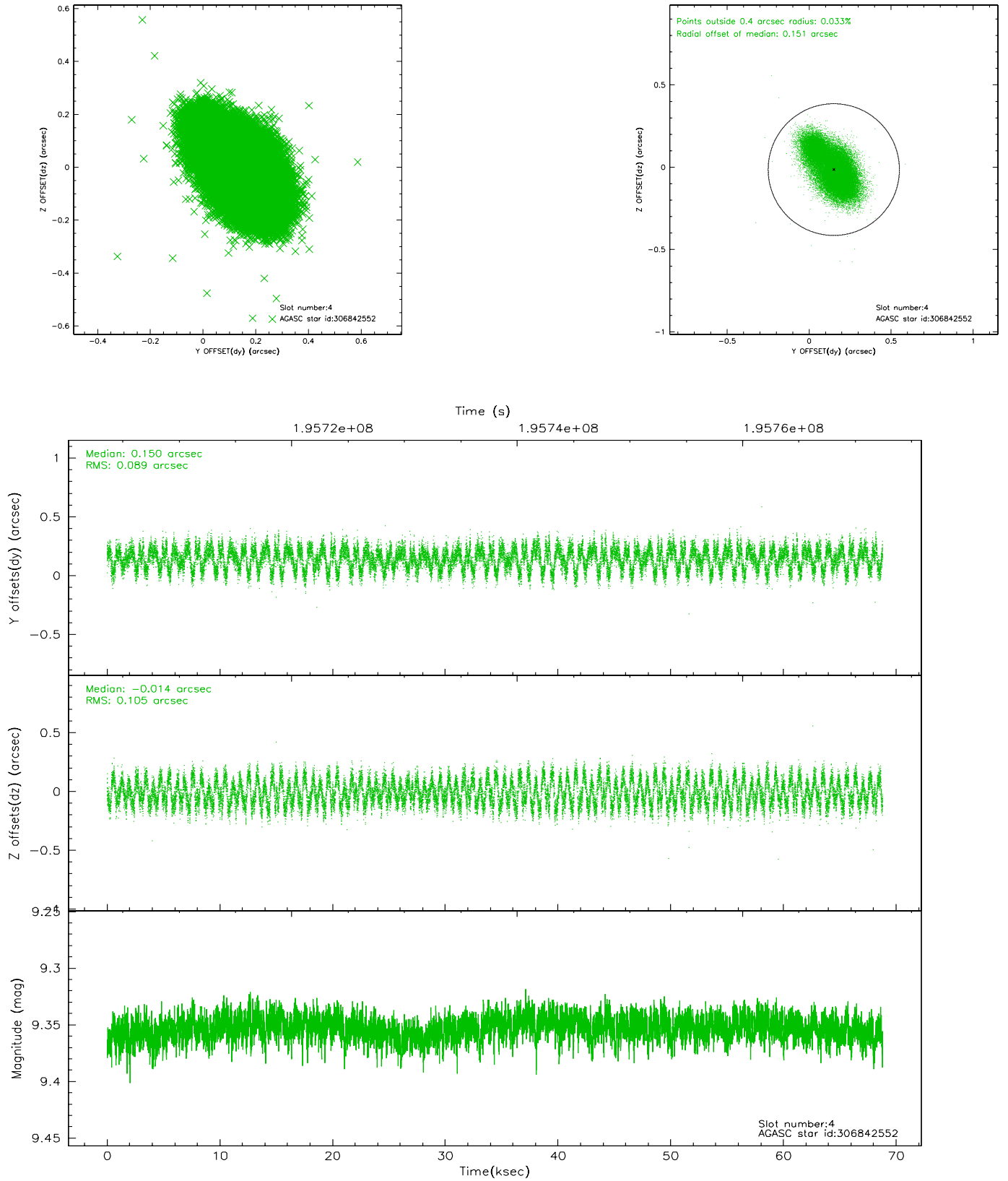
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	16785	0.019	0.010	0.007	0.013	0.000000	0.000000	932.67	-834.89
1	FID	ACIS-I-5	7.23	16785	-0.092	0.061	0.008	0.020	0.000000	0.000000	-1815.55	1062.71
2	FID	ACIS-I-6	7.25	16783	-0.019	-0.000	0.010	0.020	0.000000	0.000000	398.27	1707.06
3	GUIDE	306842040	9.01	33558	0.162	0.135	0.074	0.120	51.473357	30.480477	1069.87	-86.04
4	GUIDE	306842552	9.35	33550	0.150	-0.014	0.148	0.233	51.458741	30.931715	-464.59	448.82
5	GUIDE	306843144	7.13	33569	-0.247	-0.149	0.057	0.090	50.849674	30.983978	-1313.70	-1239.62
6	GUIDE	306972472	9.17	33557	-0.025	-0.026	0.094	0.151	51.872030	30.721015	696.62	1375.54
7	GUIDE	306972576	8.71	33559	-0.030	0.050	0.087	0.137	51.922068	31.396670	-1526.06	2375.66

2.4 Star Slots

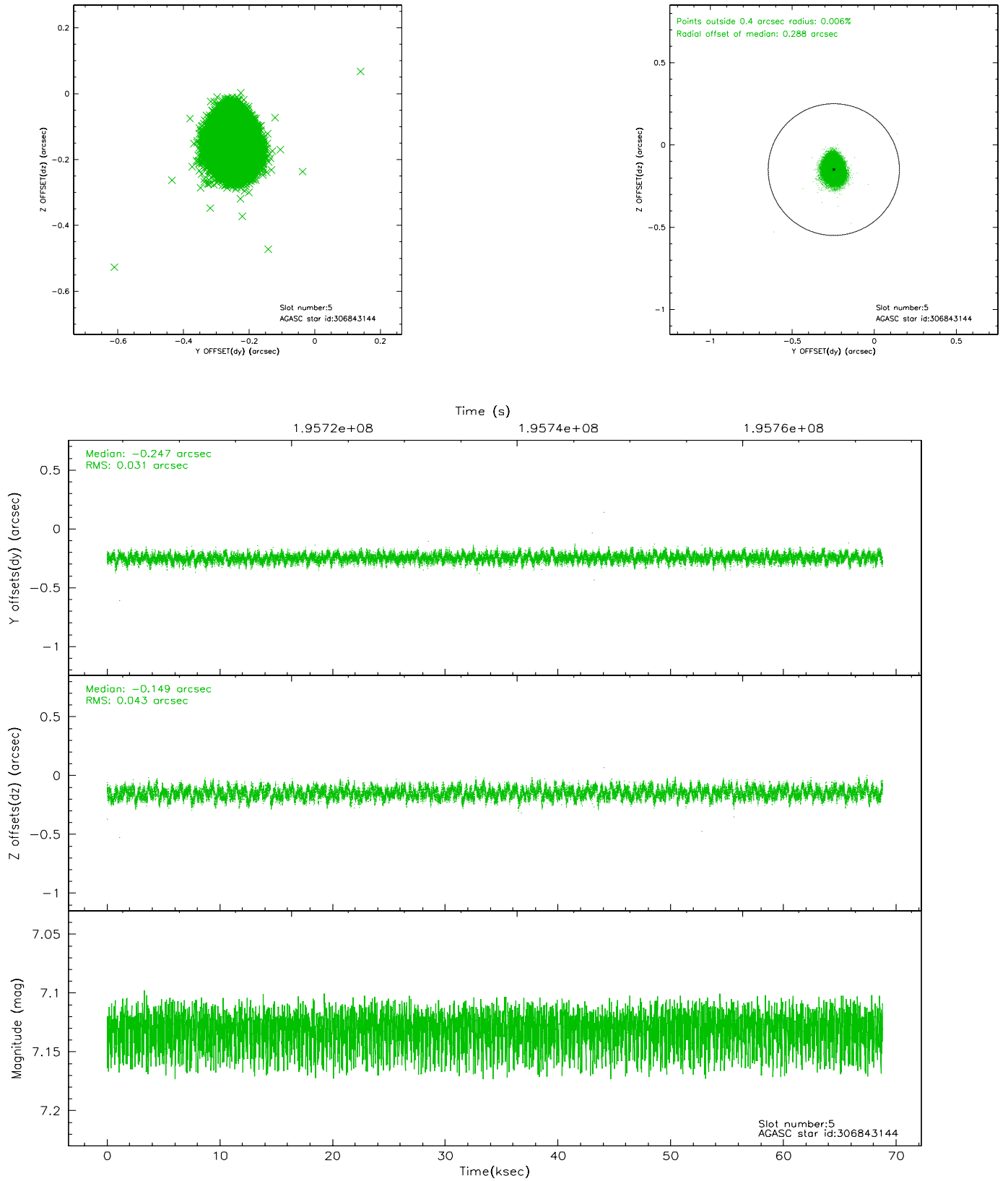
2.4.1 Slot 3



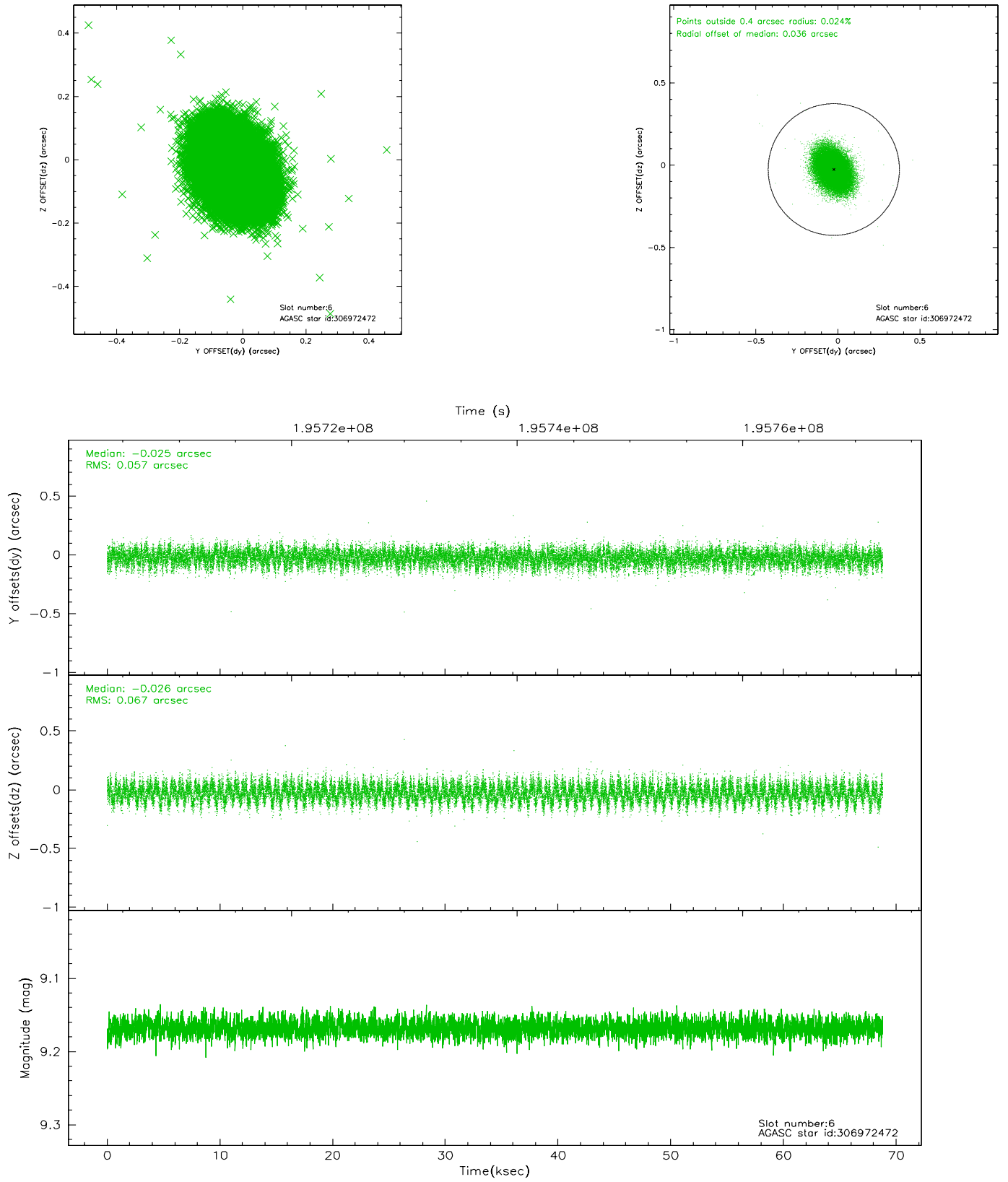
2.4.2 Slot 4



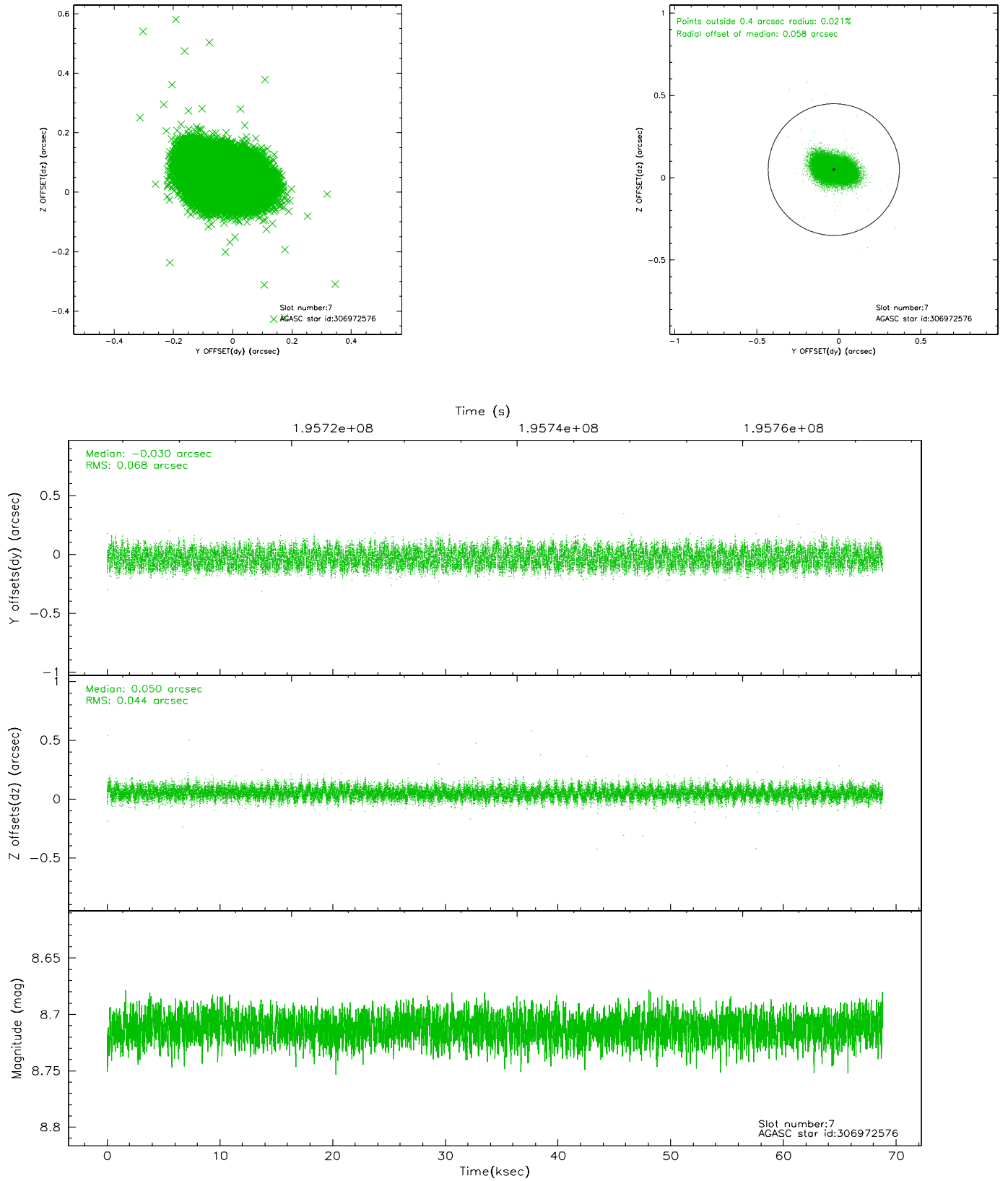
2.4.3 Slot 5



2.4.4 Slot 6

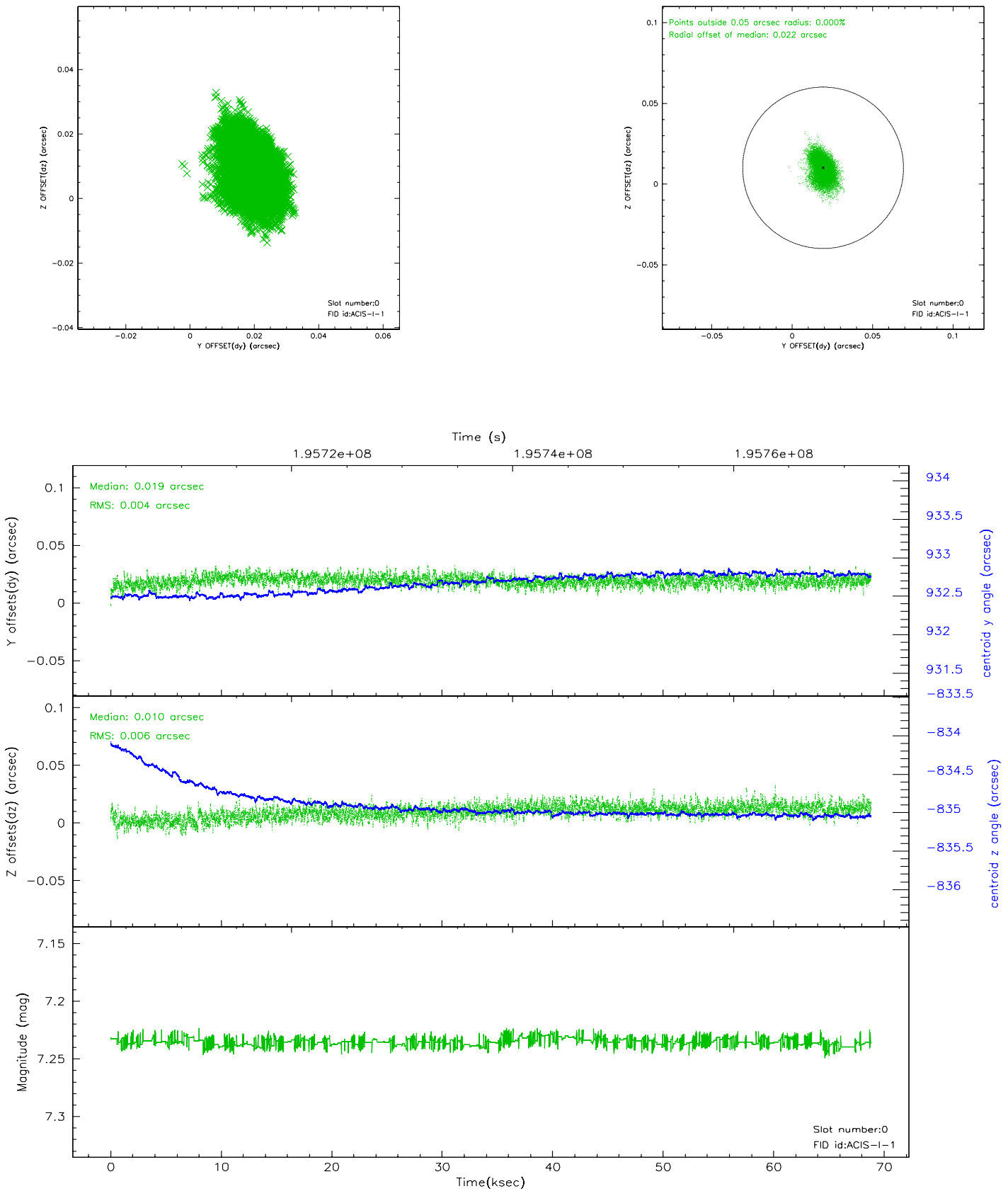


2.4.5 Slot 7

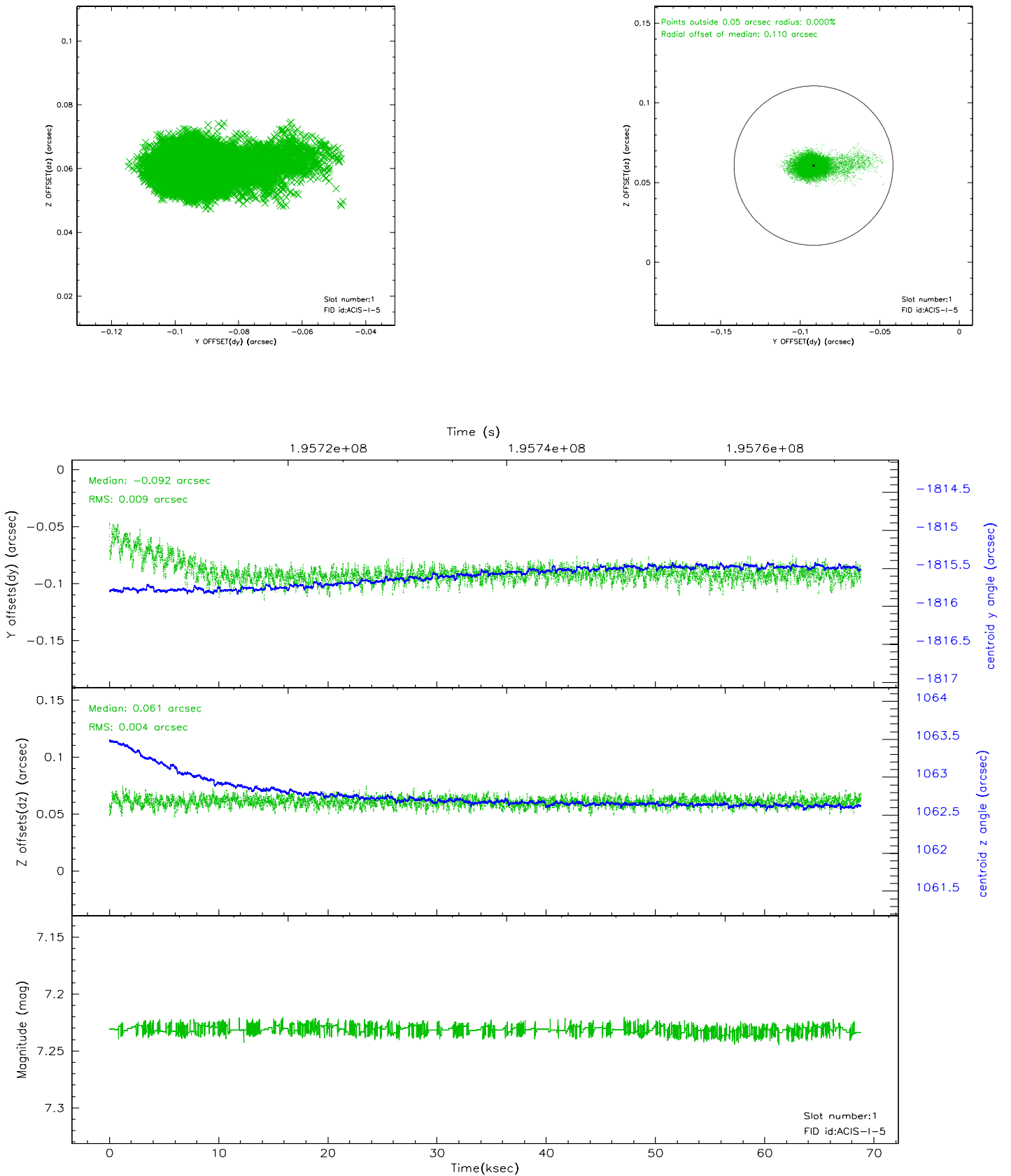


2.5 FID Slots

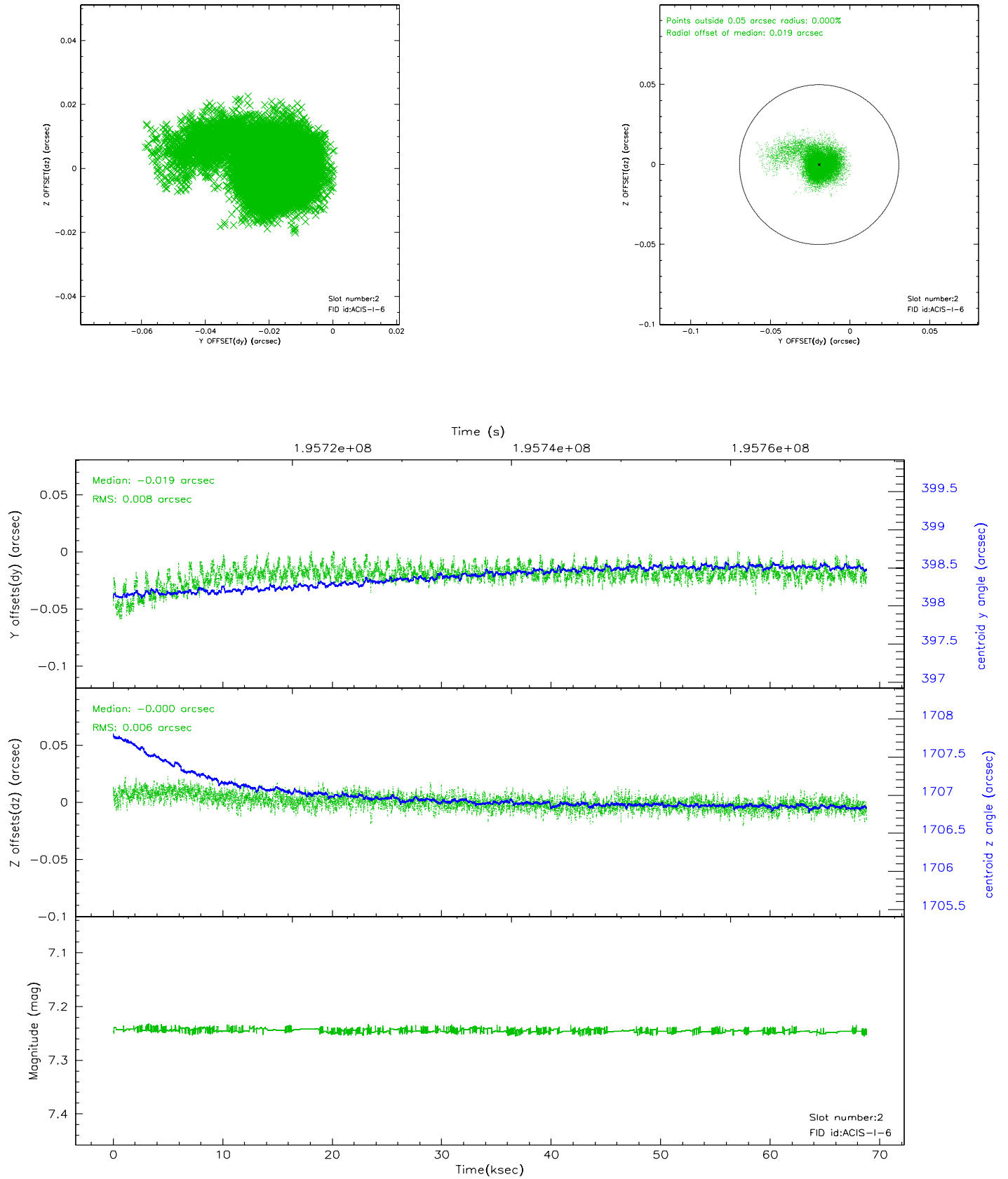
2.5.1 Slot 0



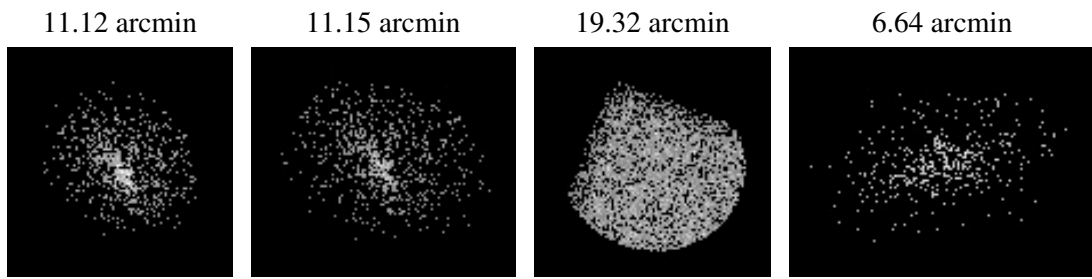
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	68.799

A.2 Comments