

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2543 - L2 Version 001
Chandra X-Ray Center

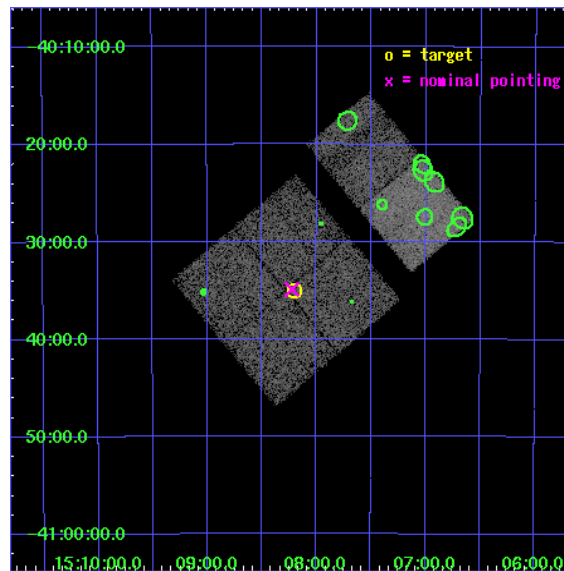
L2 Processing Date : Sep 9 2006

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1 Front

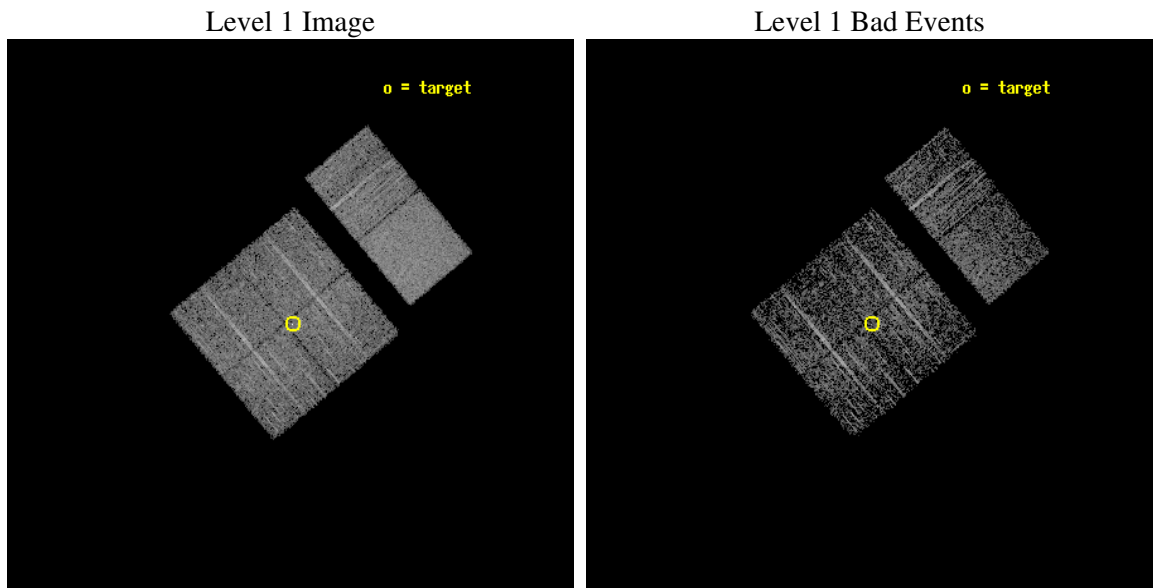
seq_num	200151
obs_id	2543
title	ON THE ORIGIN OF THE X-RAY EMISSION IN LATE B-TYPE STARS
observer	Dr. Nuria Huelamo
object	HD133880
dtcycle	0
cycle	P
ra_targ	227.050417
dec_targ	-40.583917
ra_nom	227.05618648025
dec_nom	-40.581674414789
roll_nom	50.066602569686
revision	2
ontime	2489.5999907255
livetime	2458.0751765858
ontime0	2489.5999907255
ontime1	2489.5999907255
ontime2	2489.5999907255
ontime3	2489.5999907255
ontime6	2489.5999907255
ontime7	2489.5999907255
l2events	56735



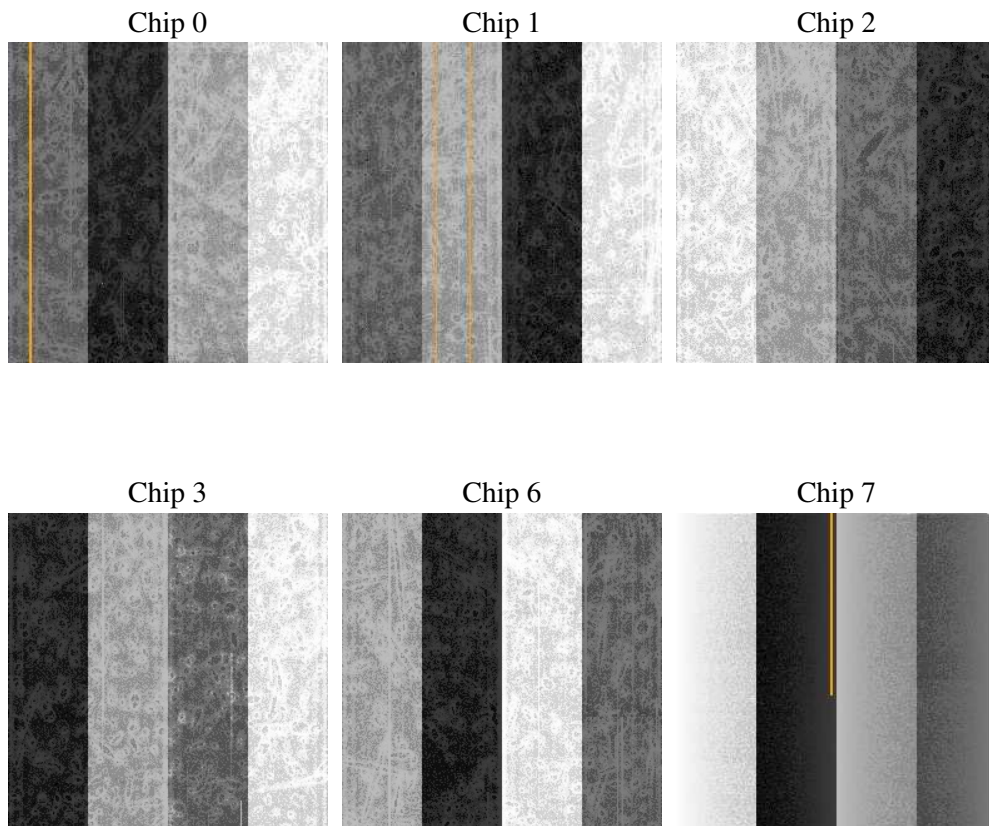
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-09T13:32:11
revision	2

sched_exp_time	2399.085000
ontime	2495.5741315484
ontime0	2495.5741315484
ontime1	2495.5741315484
ontime2	2495.5741315484
ontime3	2495.5741315484
ontime6	2492.3331413567
ontime7	2495.5741315484
l1events	146945

2.1.4 Events

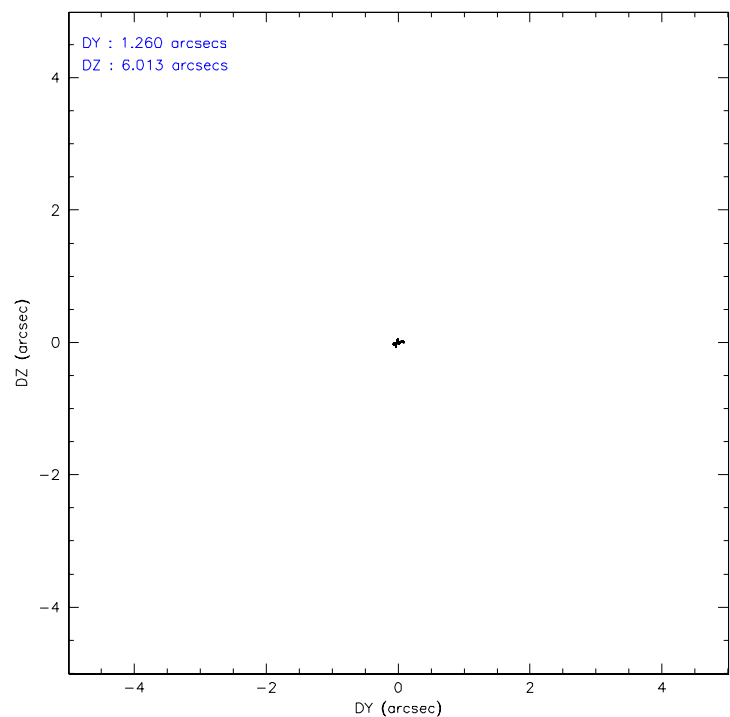
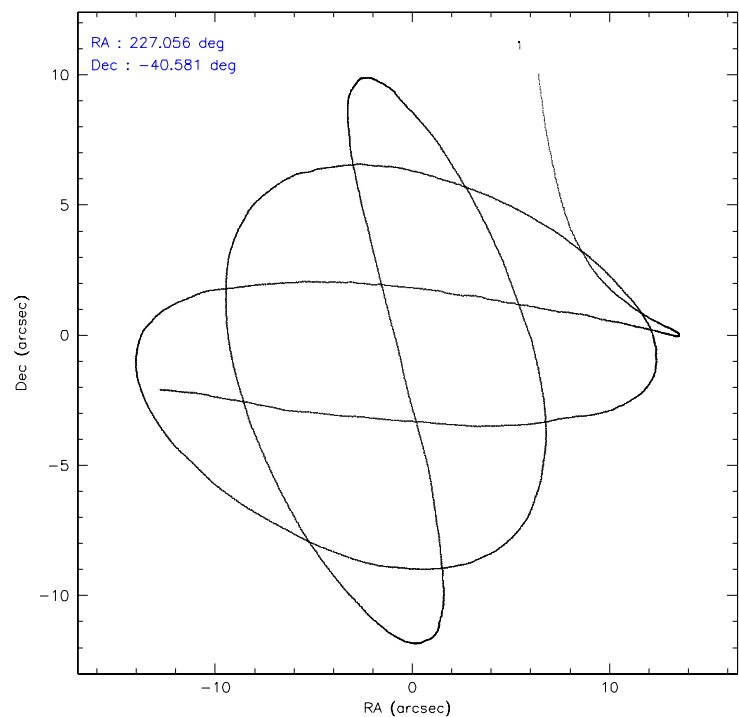
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	21750	22248	22311	23106	24482	33048
rejected events	13541	13948	14390	14546	15851	14648
rejected %	62%	62%	64%	62%	64%	44%

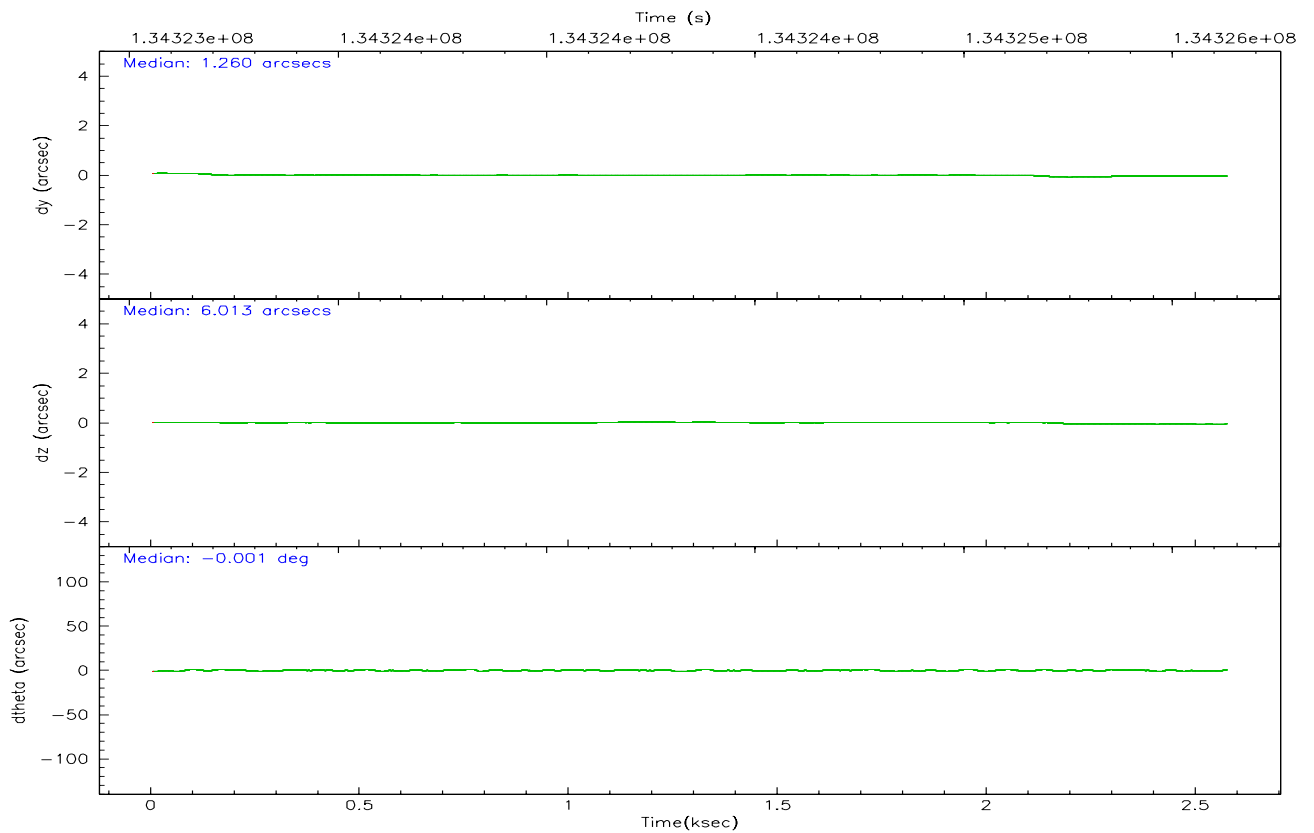
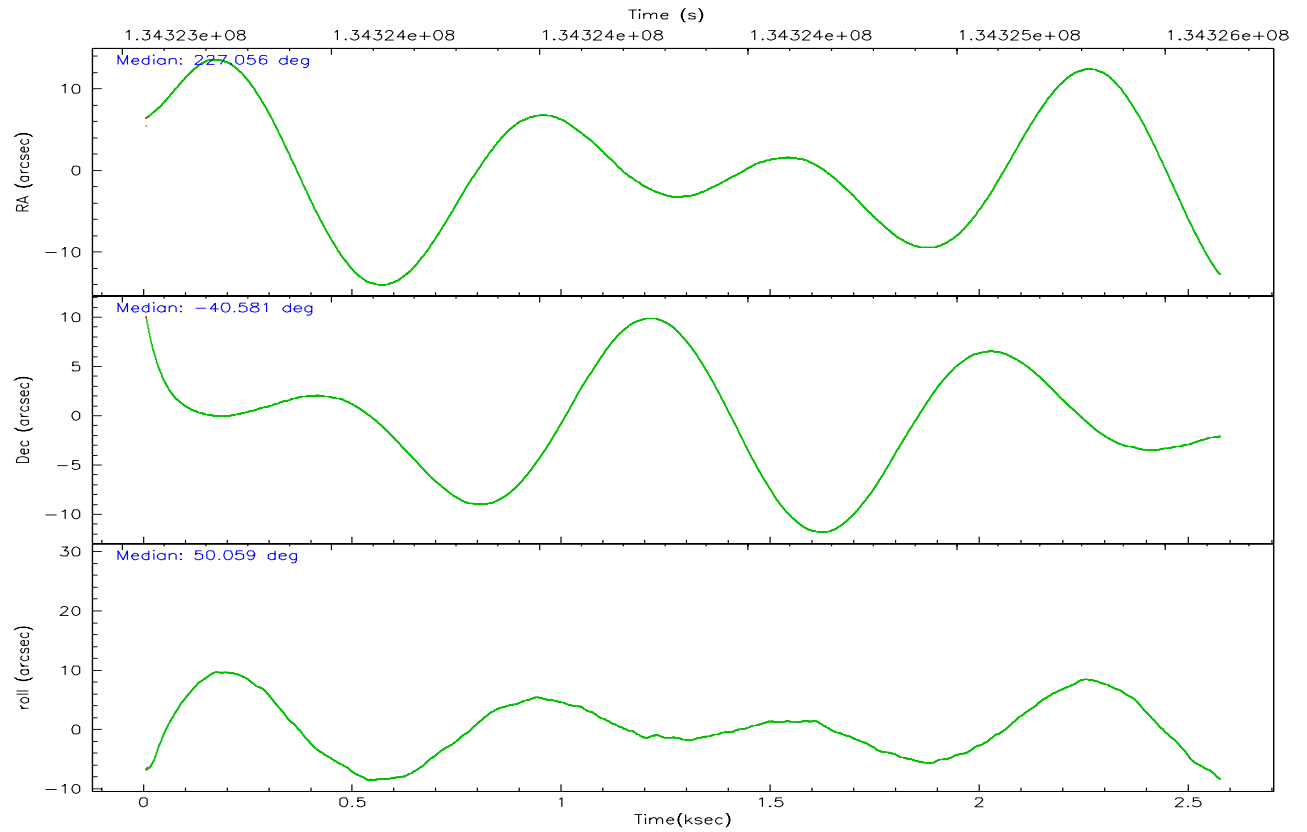
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	5481	5328	5304	5636	5708	1600
	25%	23%	23%	24%	23%	4%
grade 1 events	29	35	27	29	27	16
	0%	0%	0%	0%	0%	0%
grade 2 events	1186	1271	1166	1299	1266	3963
	5%	5%	5%	5%	5%	11%
grade 3 events	403	484	400	405	385	951
	1%	2%	1%	1%	1%	2%
grade 4 events	383	440	354	420	406	849
	1%	1%	1%	1%	1%	2%
grade 5 events	628	698	600	674	743	1441
	2%	3%	2%	2%	3%	4%
grade 6 events	775	799	714	816	874	11106
	3%	3%	3%	3%	3%	33%
grade 7 events	12865	13193	13746	13827	15073	13122
	59%	59%	61%	59%	61%	39%

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	227.049778	227.0561864802502	Alternating exposures requested	N	N
Pointing Dec	-40.608794	-40.58167441478901	Primary exposure time	0.000000	3.2
Pointing Roll	49.853769	50.06660256968609			
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	134323234.184000	134322209.67606			
Observation start date	2002-04-04T15:59:30	2002-04-04T15:43:29			
Observation end time	134325633.184000	134325948.36371			
Observation end date	2002-04-04T16:39:29	2002-04-04T16:45:48			
Read mode	TIMED	TIMED			

2.3 Aspect



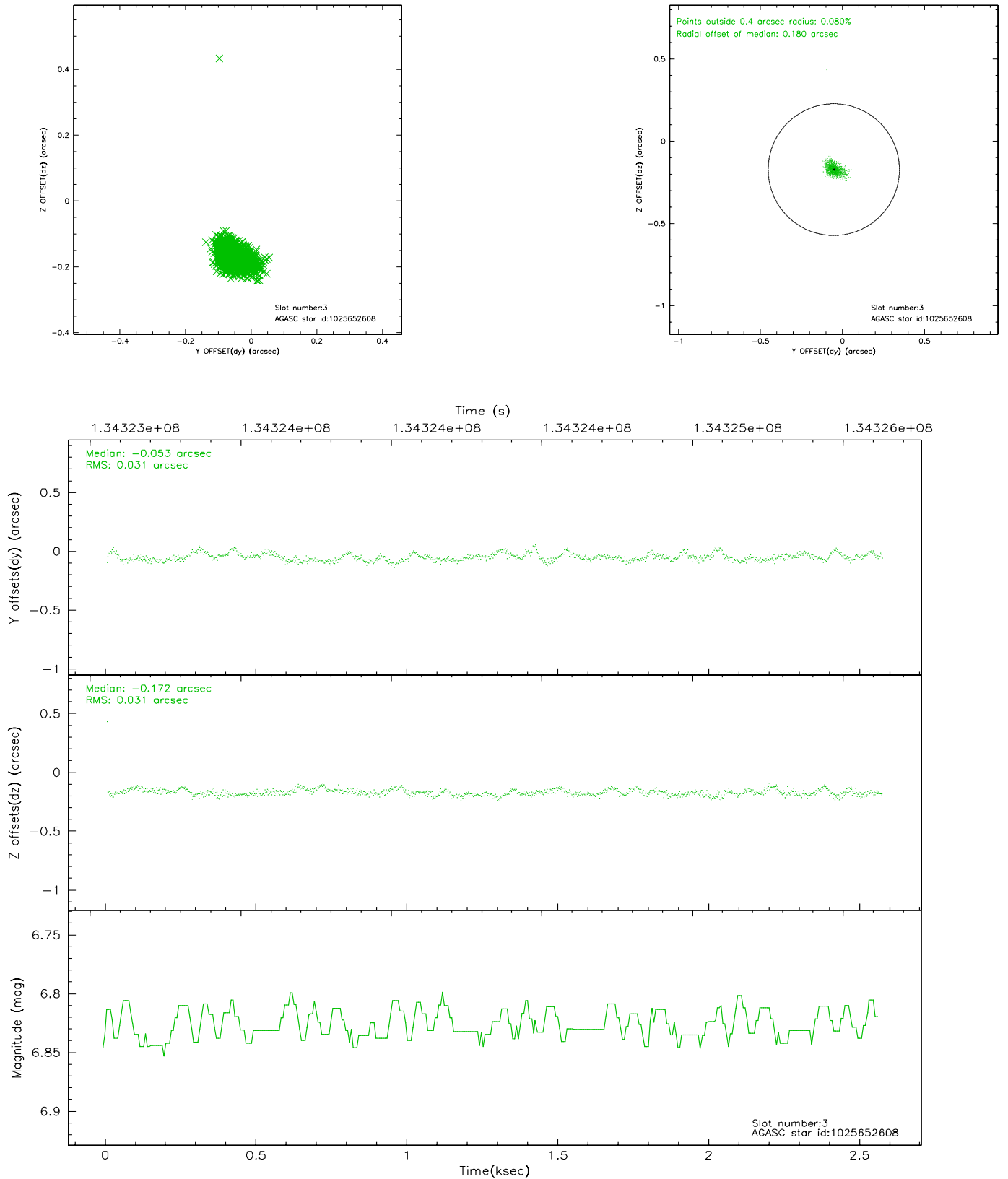


Slot Statistics

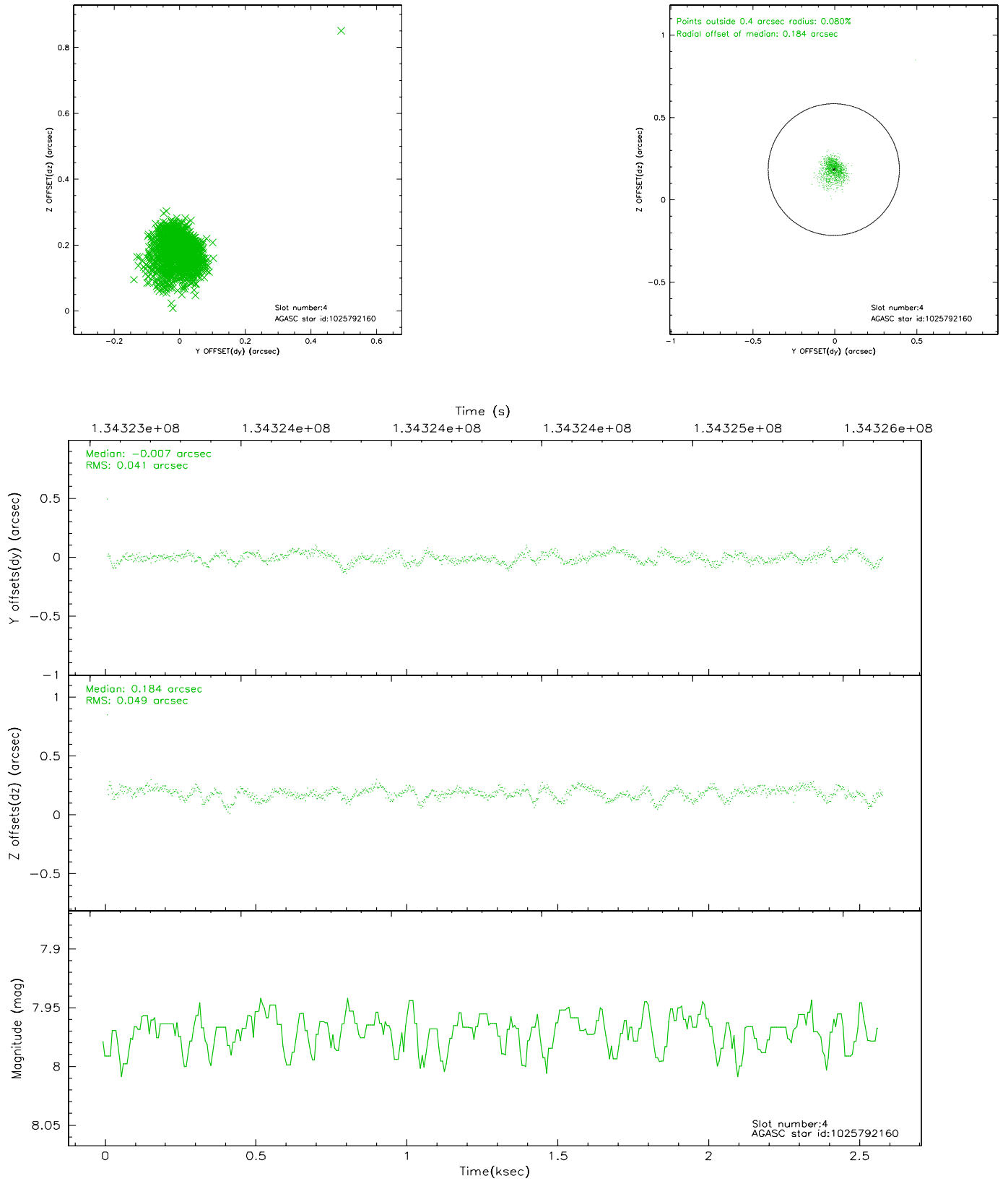
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	628	-0.033	0.027	0.004	0.009	0.000000	0.000000	938.54	-829.36
1	FID	ACIS-I-5	7.24	628	-0.028	0.023	0.004	0.009	0.000000	0.000000	-1808.13	1066.91
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	1025652608	6.83	1255	-0.053	-0.172	0.043	0.071	226.291998	-40.569329	-1236.46	1669.77
4	GUIDE	1025792160	7.97	1255	-0.007	0.184	0.063	0.105	227.502551	-41.179406	-784.35	-2262.63
5	GUIDE	1025657712	8.02	1255	0.035	0.023	0.057	0.090	227.165472	-40.952632	-745.91	-1040.32
6	GUIDE	1025649752	8.49	1255	-0.010	-0.110	0.059	0.095	227.173310	-40.285859	1104.55	489.52
7	GUIDE	1025659608	7.93	1254	0.037	0.084	0.051	0.086	227.041054	-40.835856	-641.20	-508.20

2.4 Star Slots

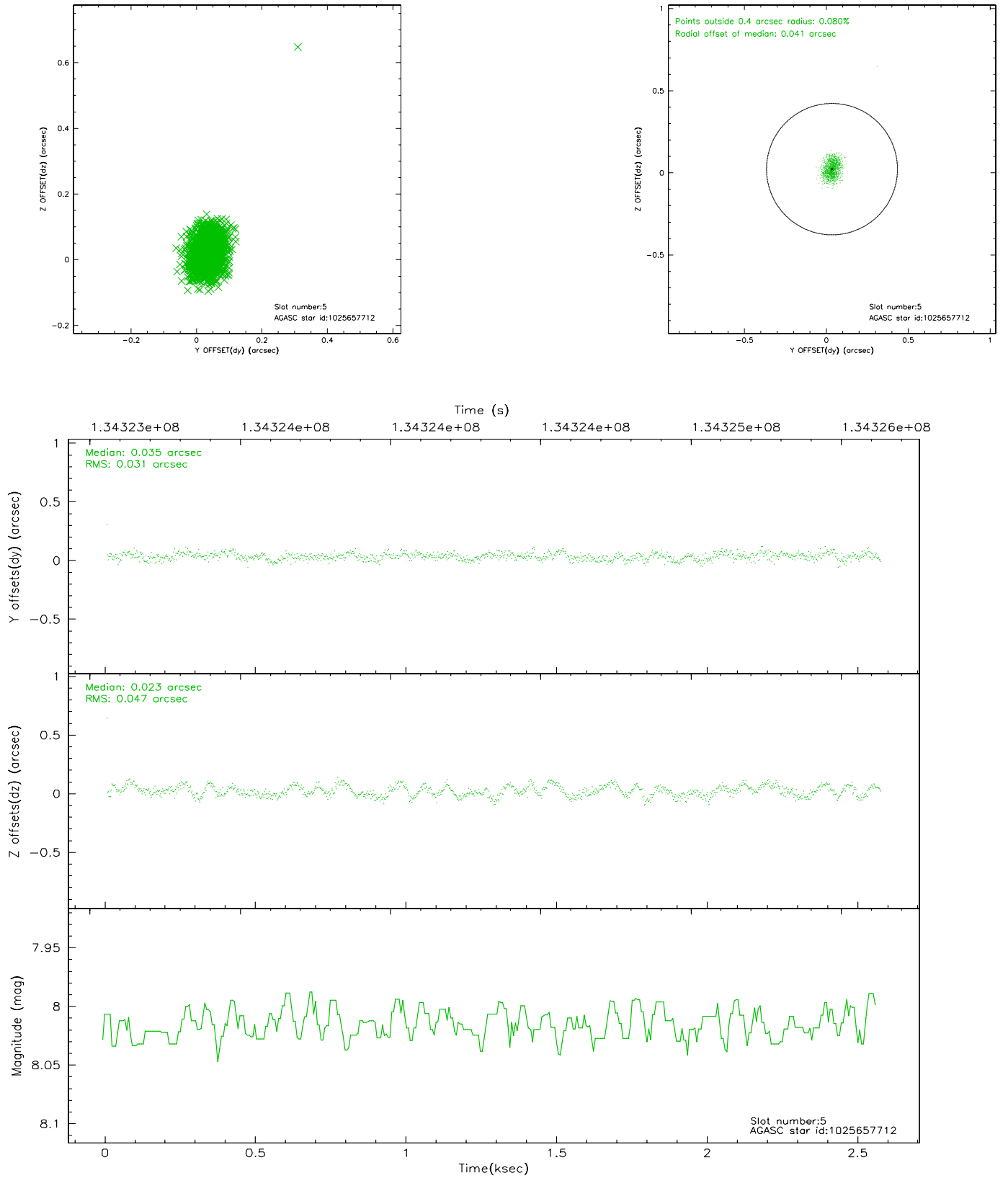
2.4.1 Slot 3



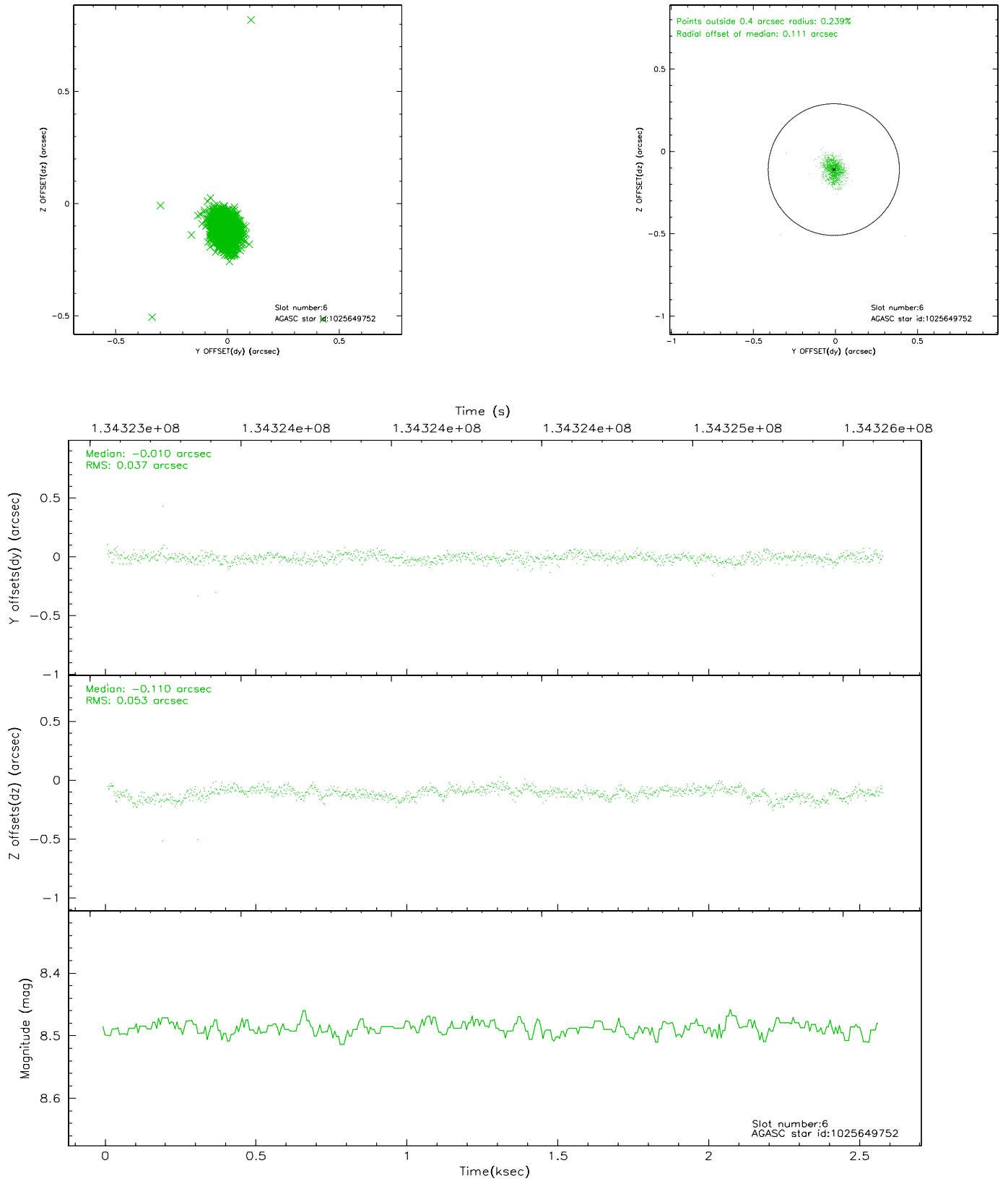
2.4.2 Slot 4



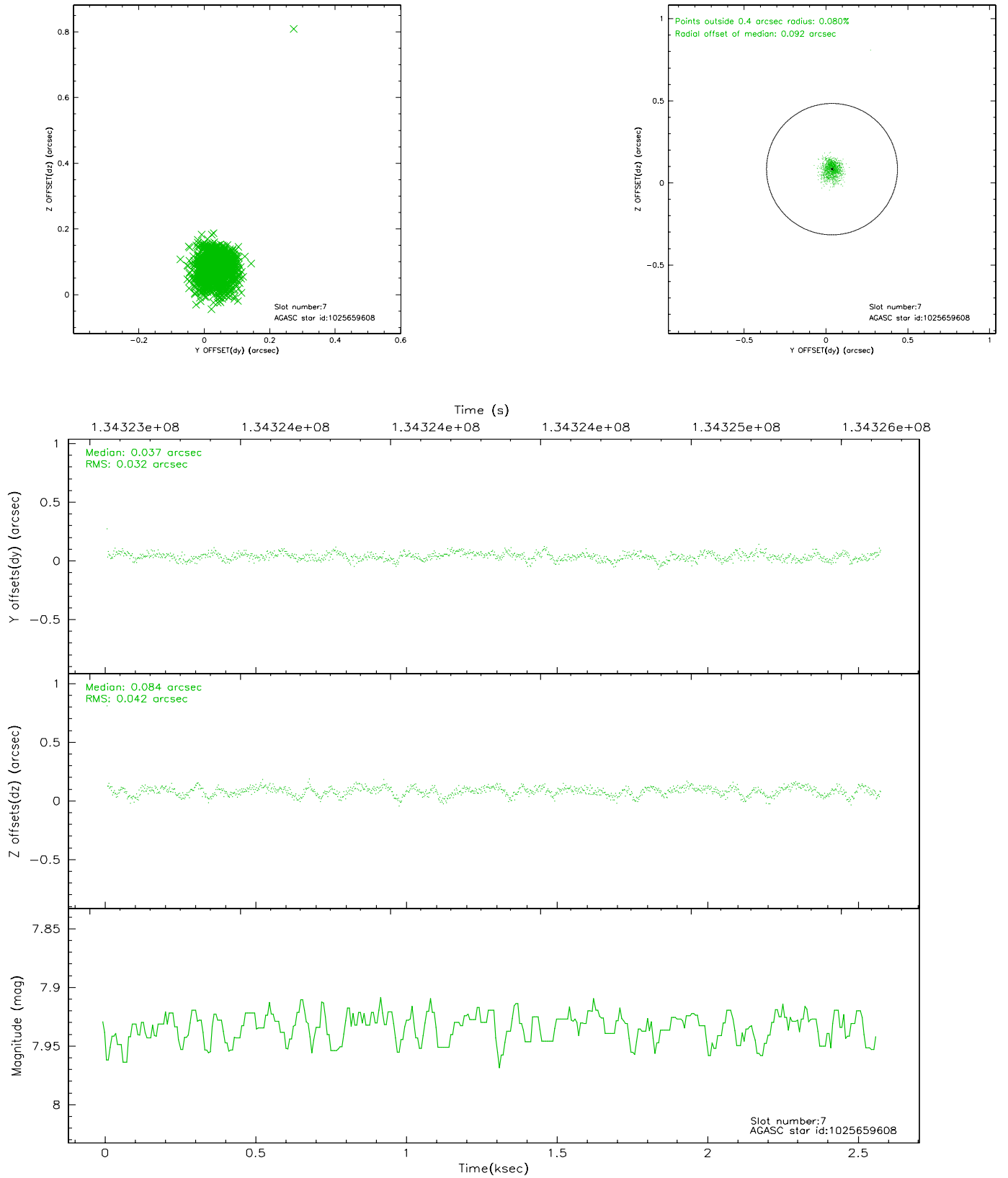
2.4.3 Slot 5



2.4.4 Slot 6

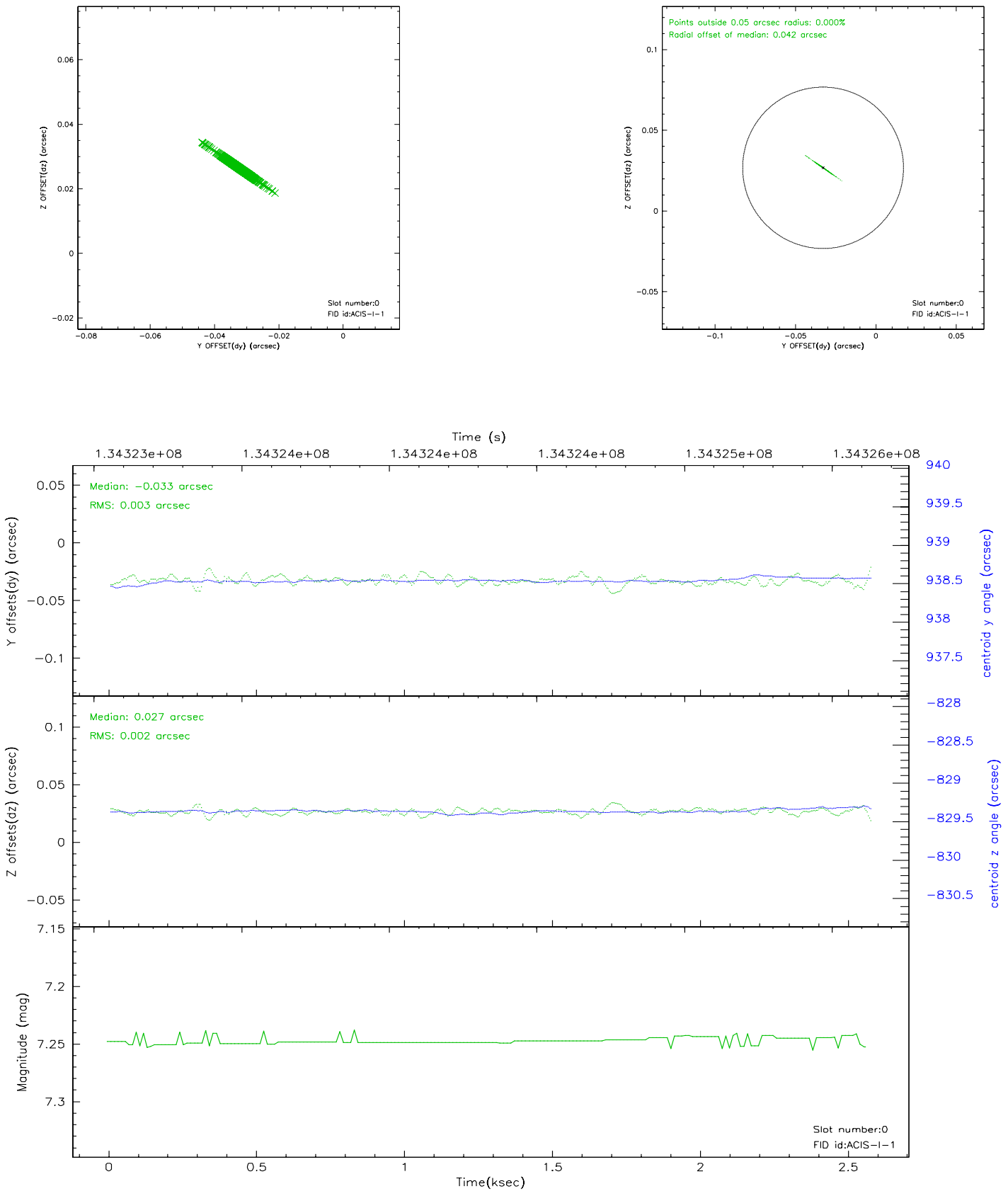


2.4.5 Slot 7

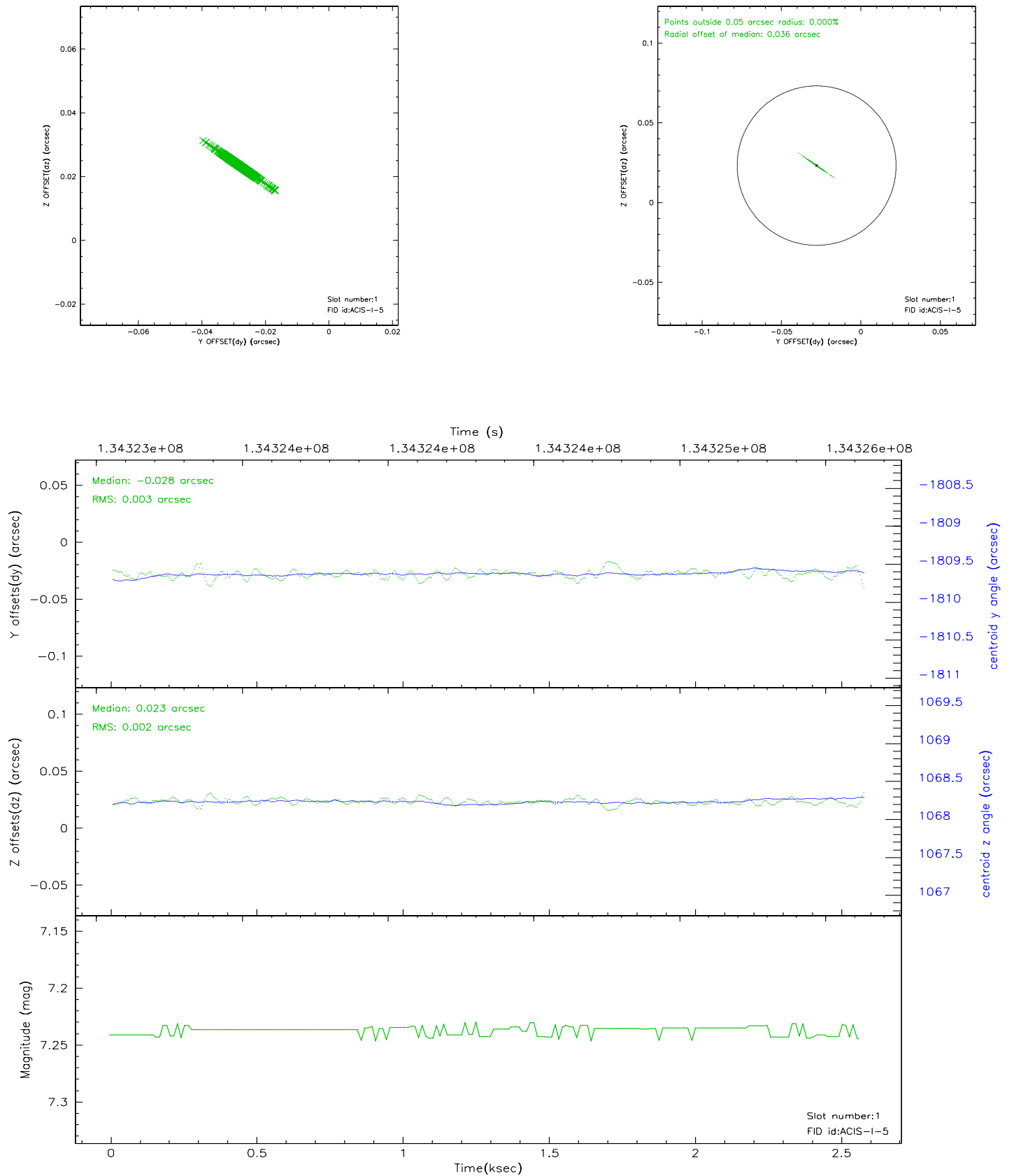


2.5 FID Slots

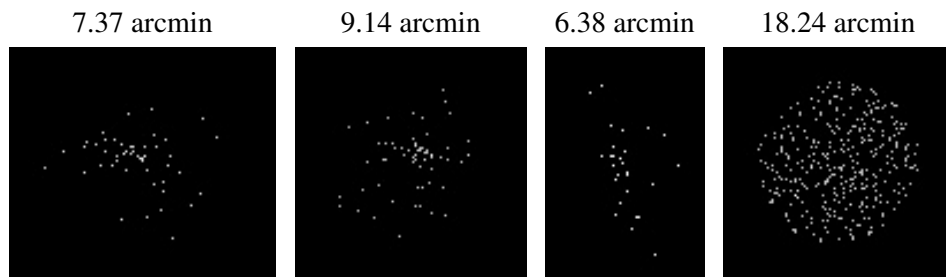
2.5.1 Slot 0



2.5.2 Slot 1



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.492

A.2 Comments