

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2573 - L2 Version 001
Chandra X-Ray Center

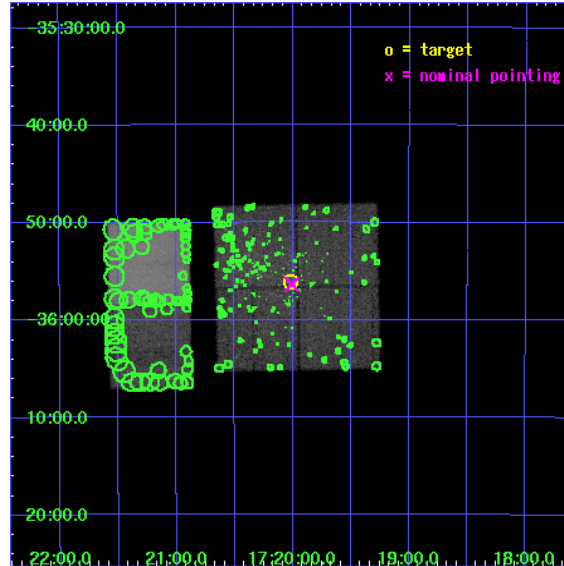
L2 Processing Date : Oct 12 2006

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1 Front

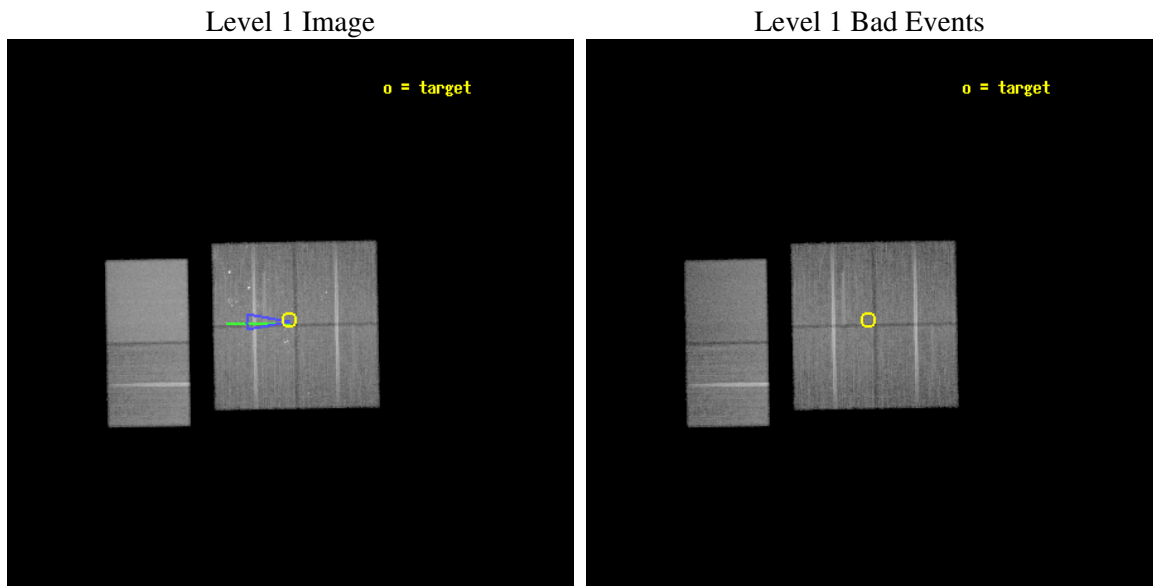
seq_num	200181
obs_id	2573
title	TRACING THE CHRONICLE OF MASSIVE YOUNG STARS IN A GIANT MOLECULAR CLOUD NGC 6334
observer	Dr Yuichiro Ezoe
object	NGC 6334 REGION 2
dtcycle	0
cycle	P
ra_targ	260.004167
dec_targ	-35.935278
ra_nom	260.00182341248
dec_nom	-35.93951617158
roll_nom	268.95850576064
revision	3
ontime	40051.158860594
livetime	39544.006971189
ontime0	40051.158860594
ontime1	40054.399850786
ontime2	40051.158860624
ontime3	40051.158860594
ontime6	40054.399850786
ontime7	40054.399850786
l2events	409750



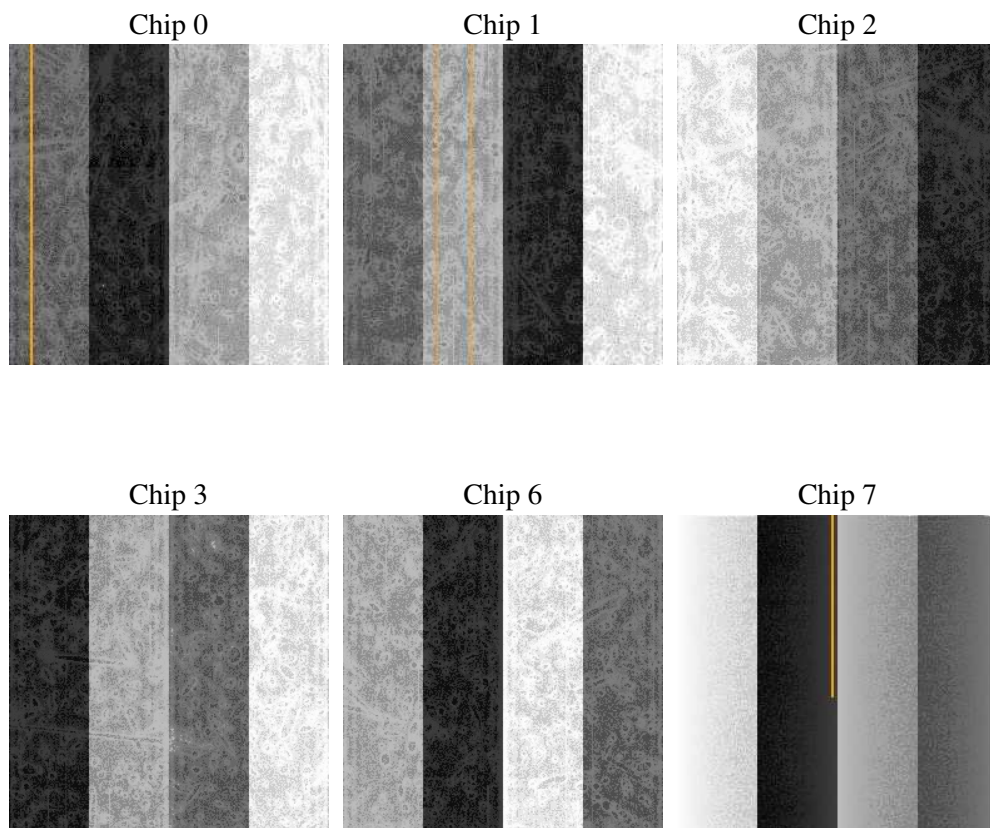
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-12T15:34:10
revision	3

sched_exp_time	40091.498000
ontime	40055.538813204
ontime0	40055.538813204
ontime1	40058.779803395
ontime2	40055.538813233
ontime3	40055.538813204
ontime6	40058.779803395
ontime7	40058.779803395
l1events	1687643

2.1.4 Events

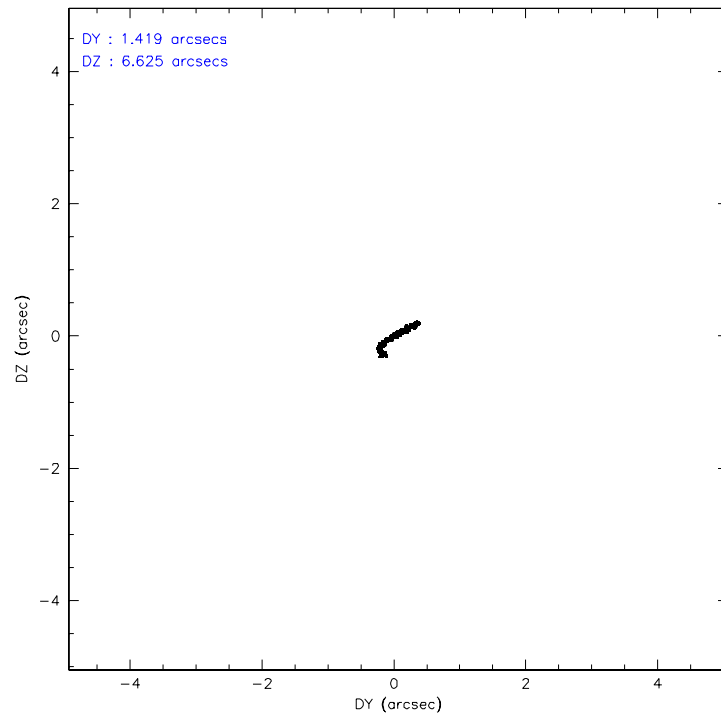
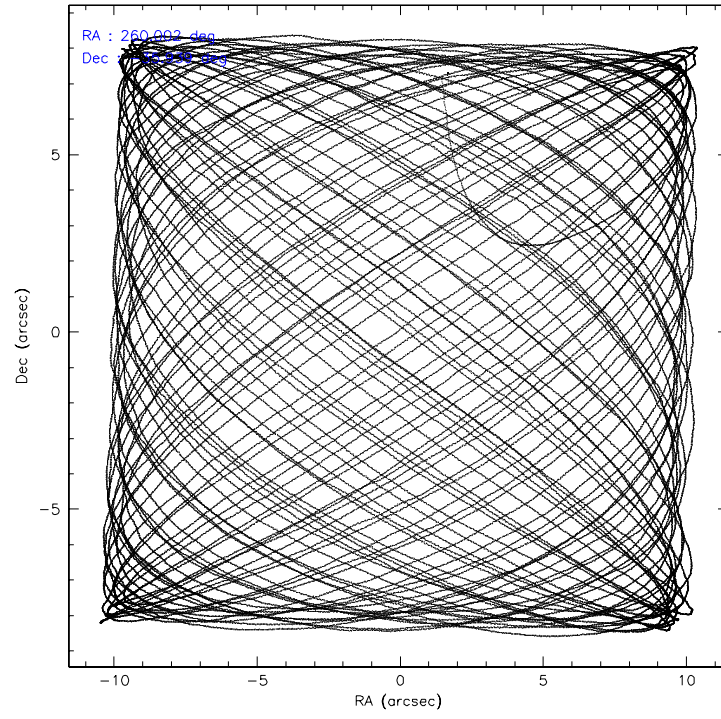
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	234533	241686	262533	276326	274078	398487
rejected events	190447	194409	214685	214699	226686	207888
rejected %	81%	80%	81%	77%	82%	52%

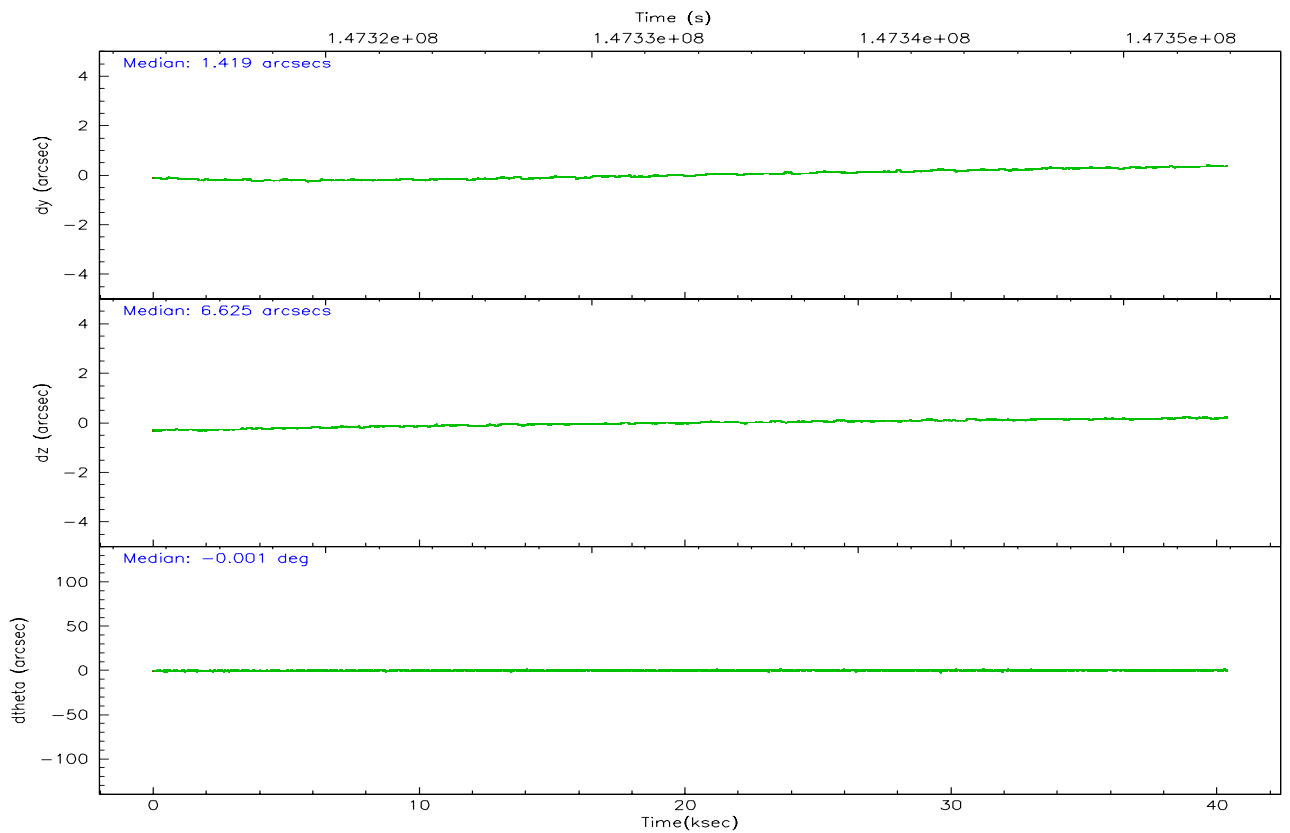
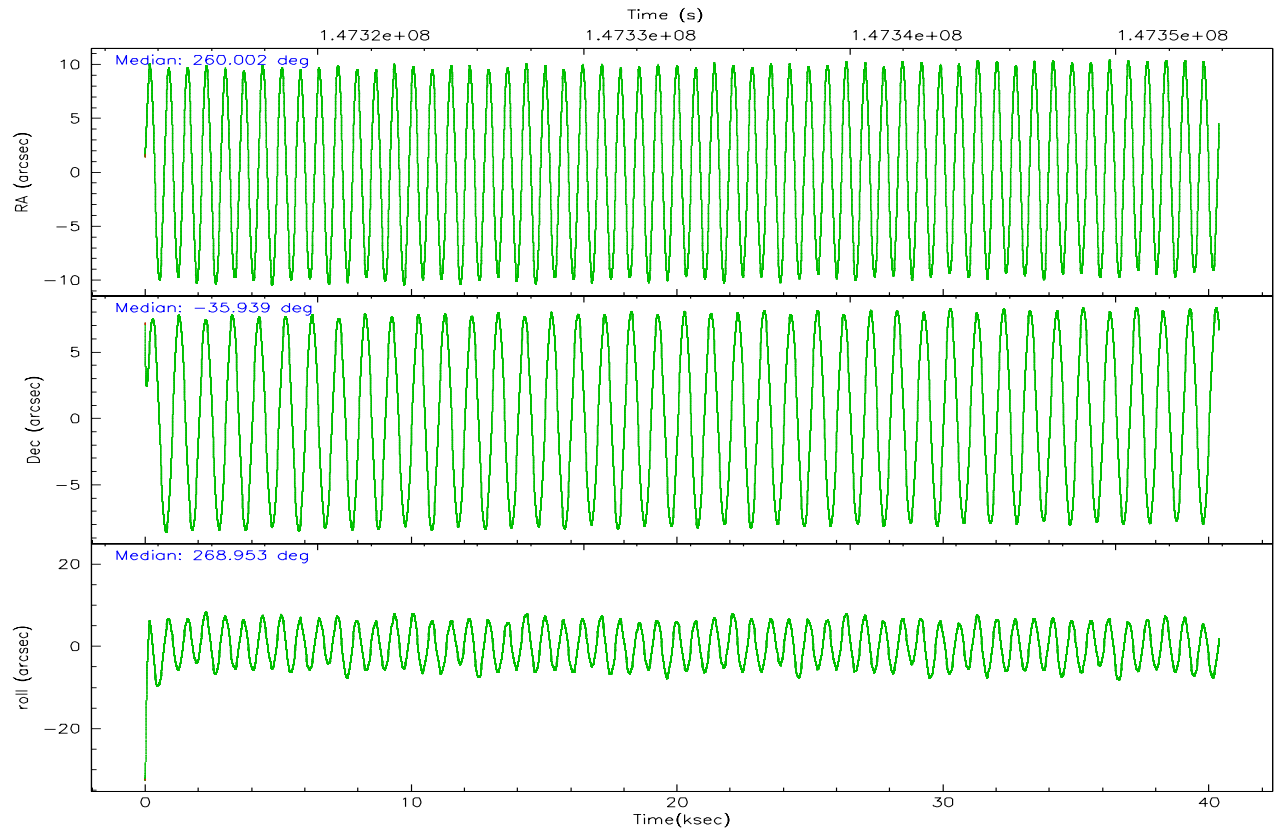
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	24368	25500	28423	38295	26473	14604
	10%	10%	10%	13%	9%	3%
grade 1 events	163	161	213	270	152	191
	0%	0%	0%	0%	0%	0%
grade 2 events	7595	8335	7514	9079	7823	43173
	3%	3%	2%	3%	2%	10%
grade 3 events	3384	3540	3359	4045	3345	10449
	1%	1%	1%	1%	1%	2%
grade 4 events	3180	3508	3322	3971	3329	10074
	1%	1%	1%	1%	1%	2%
grade 5 events	9445	10020	9331	10588	11035	22038
	4%	4%	3%	3%	4%	5%
grade 6 events	5586	6421	5250	6264	6450	112407
	2%	2%	1%	2%	2%	28%
grade 7 events	180812	184201	205121	203814	215471	185551
	77%	76%	78%	73%	78%	46%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	259.985349	260.0018234124781	Subarray requested	NONE	NONE
Pointing Dec	-35.915608	-35.93951617158005	Alternating exposures requested	N	N
Pointing Roll	268.740156	268.958505760638	Primary exposure time	0.000000	3.2
Roll angle	270.000000	270.000000			
Roll tolerance	10.000000	10.000000			
Roll constraint allows 180D rotation	N	N			
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	147313799.184000	147312773.20795			
Observation start date	2002-09-02T00:28:55	2002-09-02T00:12:53			
Observation end time	147353891.184000	147354205.24716			
Observation end date	2002-09-02T11:37:07	2002-09-02T11:43:25			
Read mode	TIMED	TIMED			

2.3 Aspect



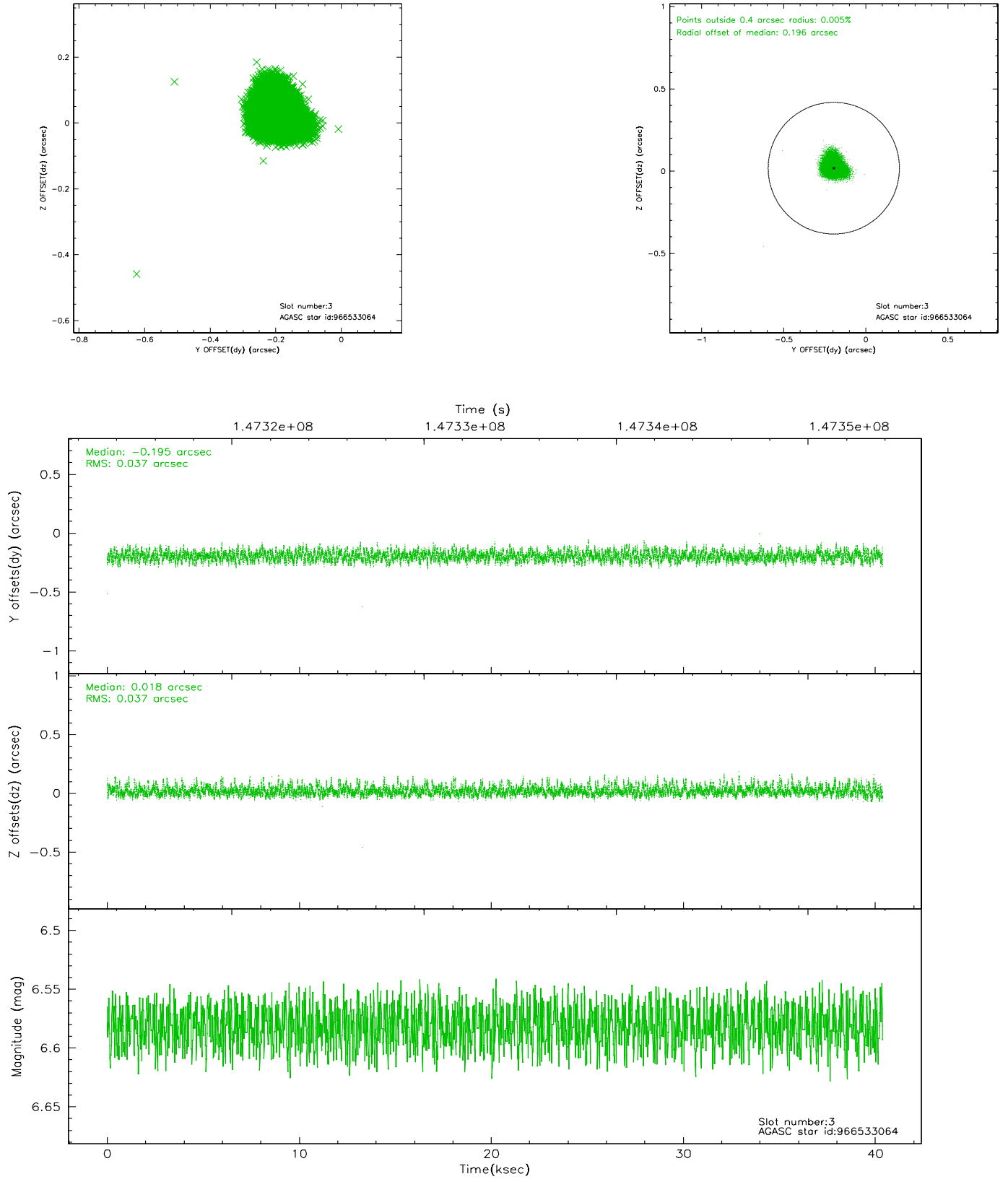


Slot Statistics

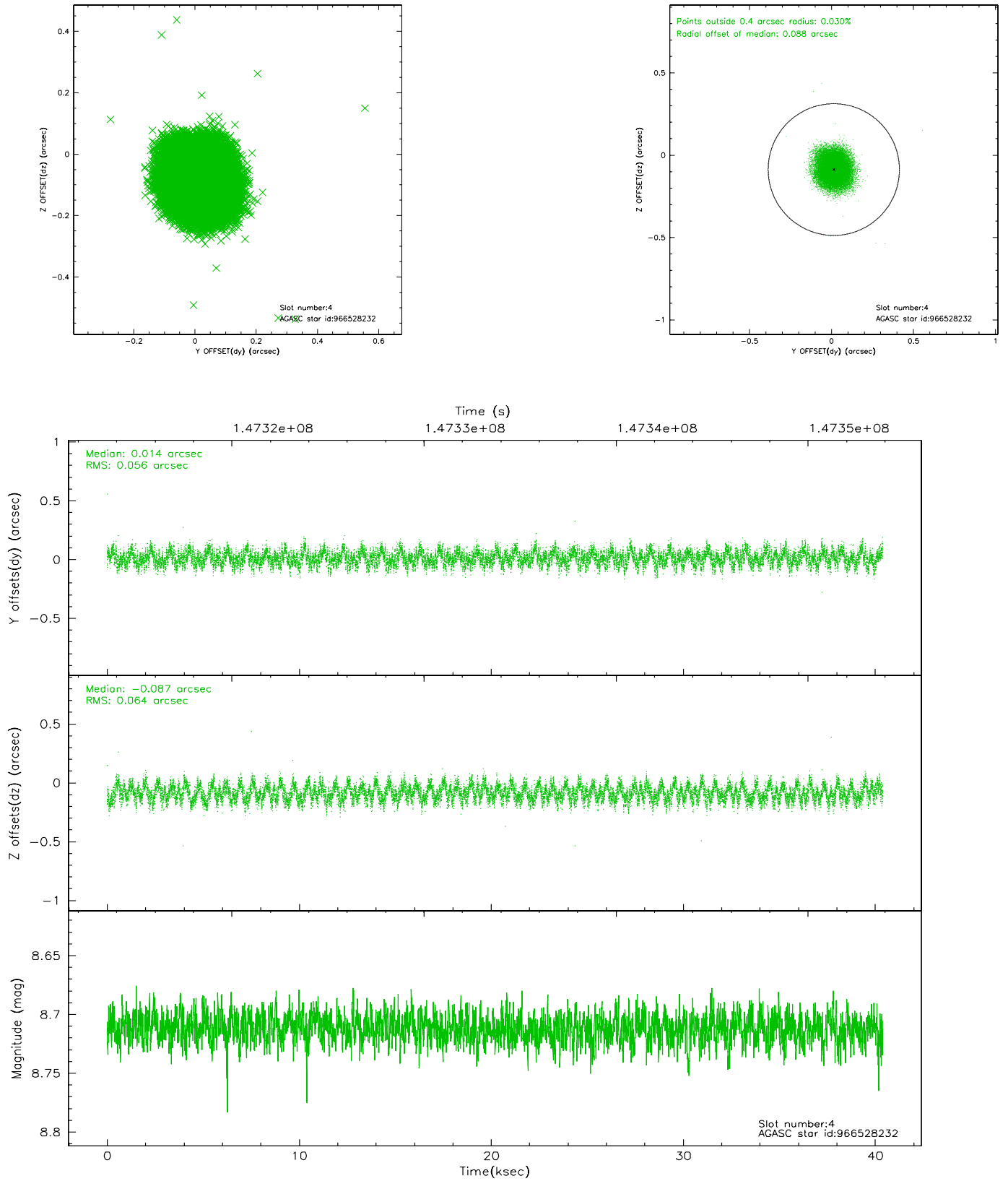
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	9852	-0.020	0.018	0.004	0.009	0.000000	0.000000	938.35	-829.99
1	FID	ACIS-I-5	7.24	9847	-0.041	0.032	0.004	0.009	0.000000	0.000000	-1809.73	1067.56
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	966533064	6.58	19700	-0.195	0.018	0.055	0.089	260.658145	-35.910729	-53.13	1961.33
4	GUIDE	966528232	8.71	19689	0.014	-0.087	0.093	0.140	259.270821	-36.205055	1096.67	-2051.76
5	GUIDE	966003568	8.01	19700	-0.098	-0.219	0.066	0.102	259.362539	-35.536668	-1316.41	-1854.26
6	GUIDE	966004472	8.32	19698	-0.074	0.116	0.082	0.140	260.641543	-35.382088	-1954.89	1883.53
7	GUIDE	966530544	8.77	19671	0.347	0.161	0.065	0.104	260.631187	-36.513761	2119.52	1916.37

2.4 Star Slots

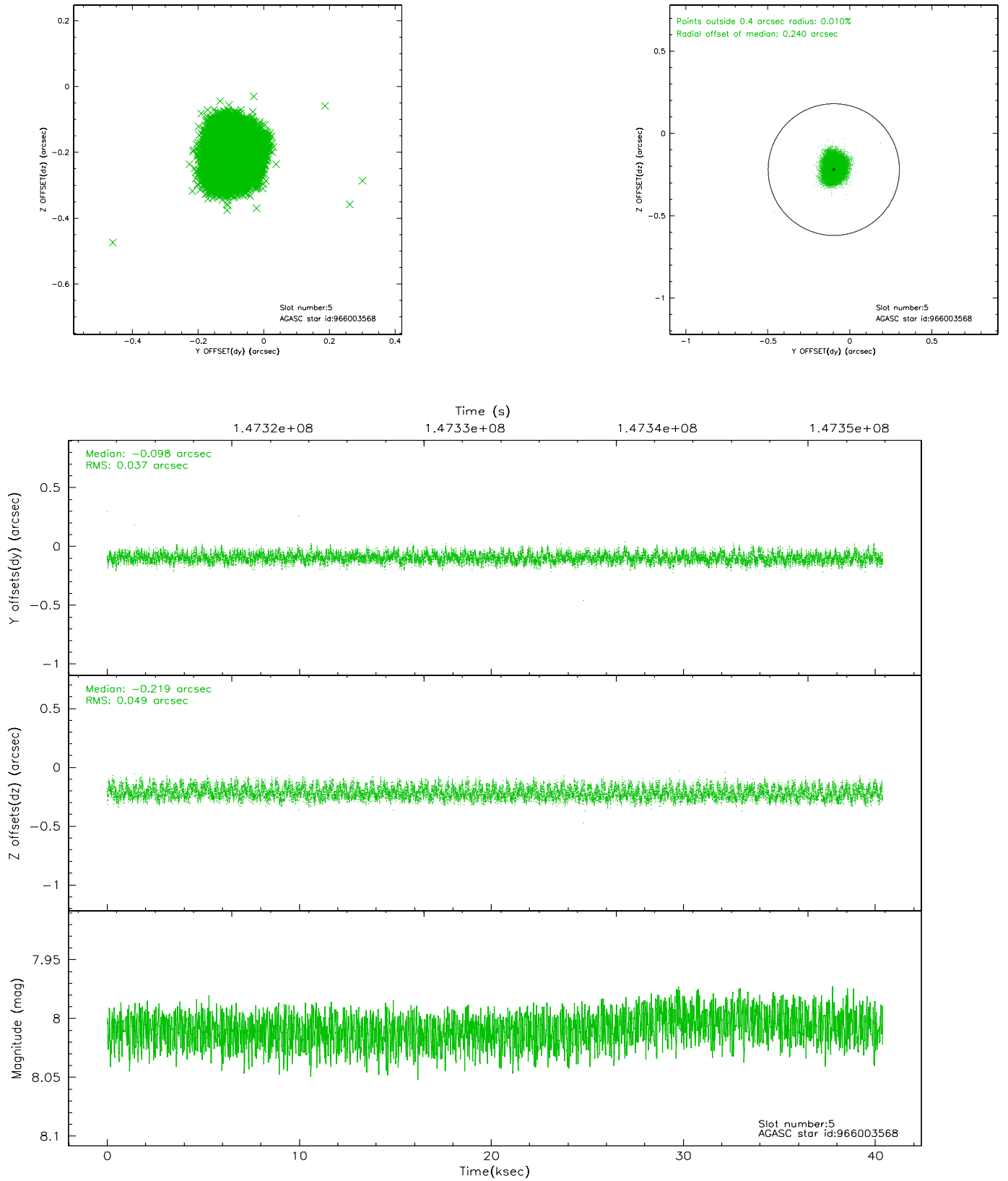
2.4.1 Slot 3



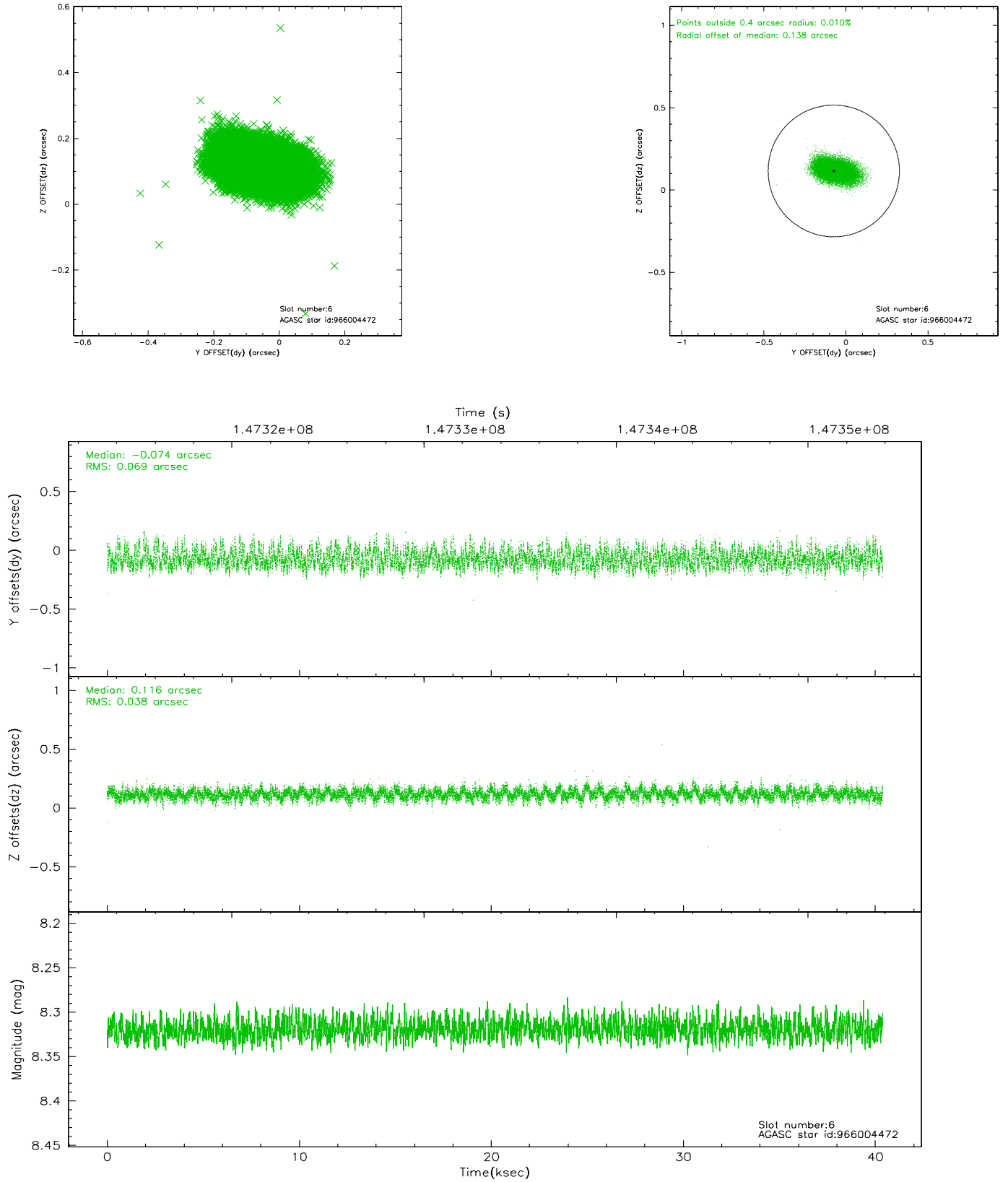
2.4.2 Slot 4



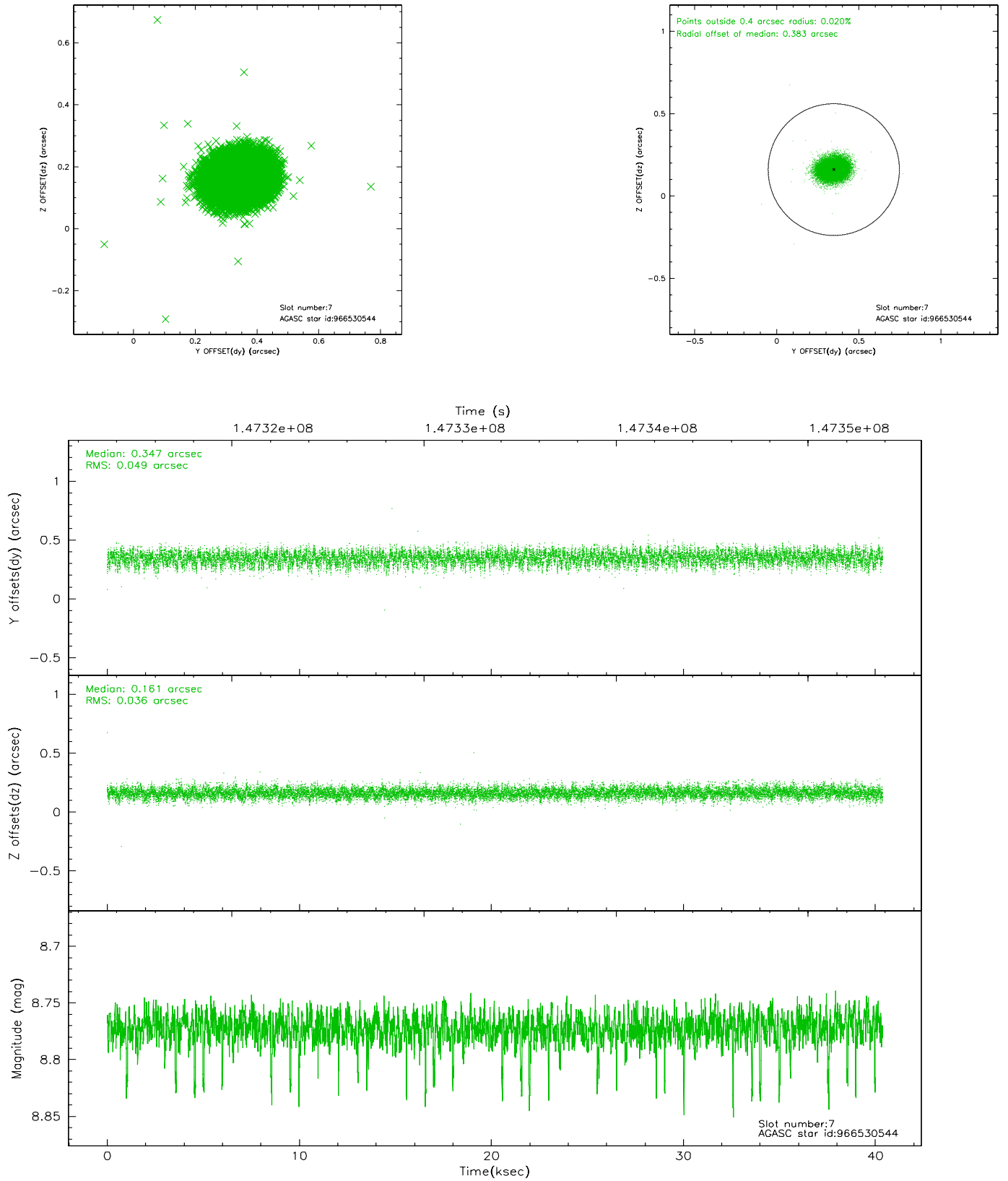
2.4.3 Slot 5



2.4.4 Slot 6

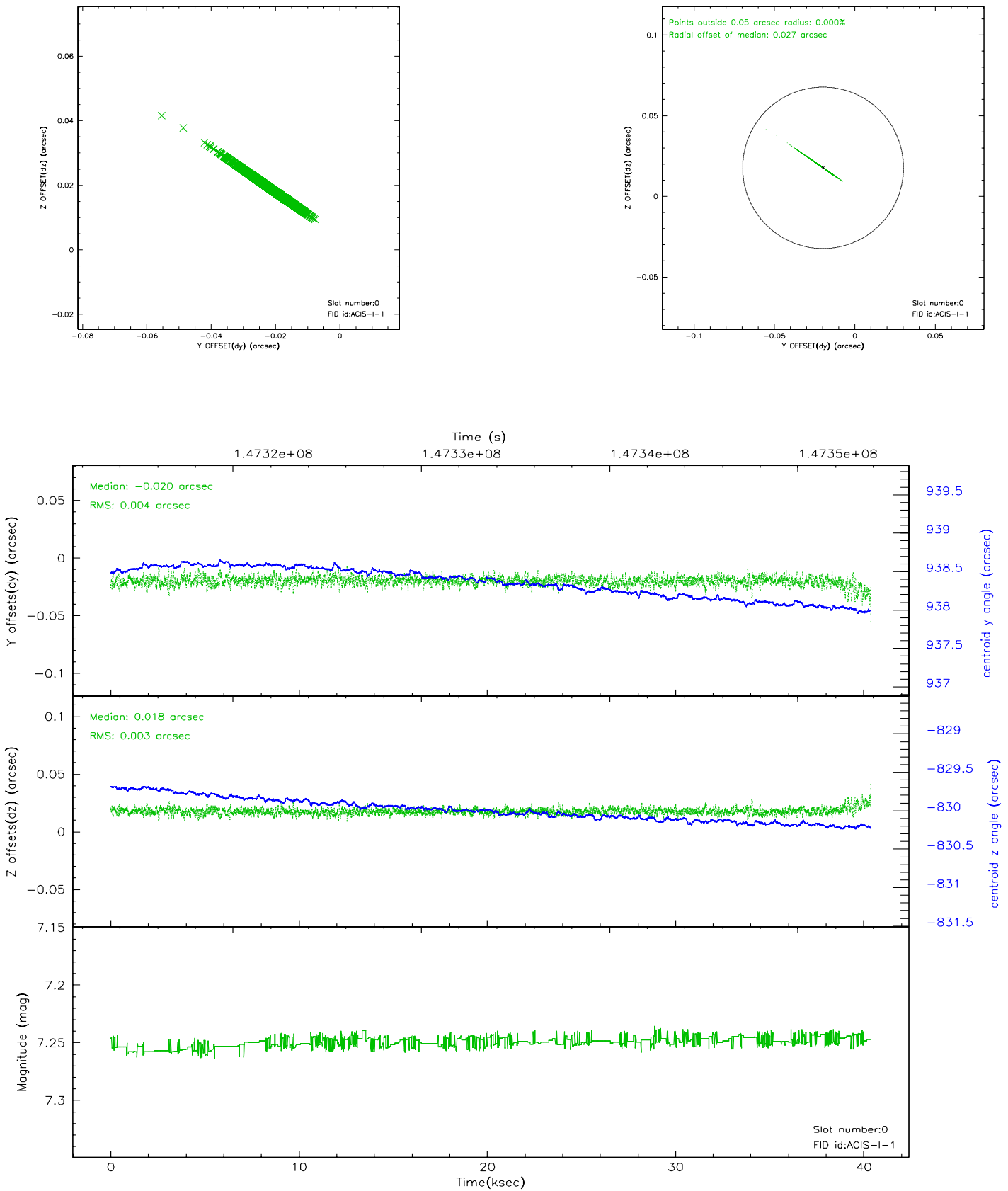


2.4.5 Slot 7

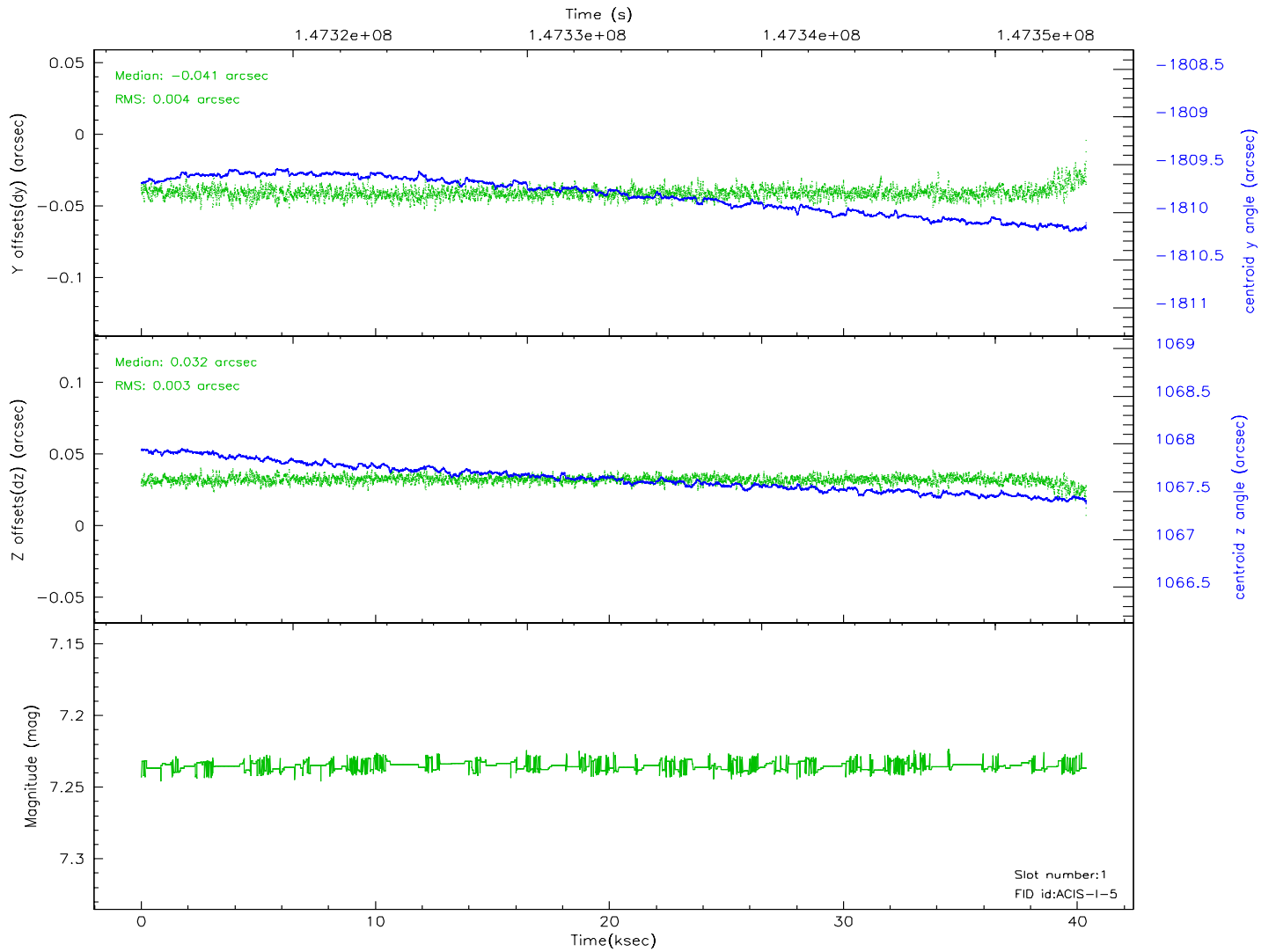
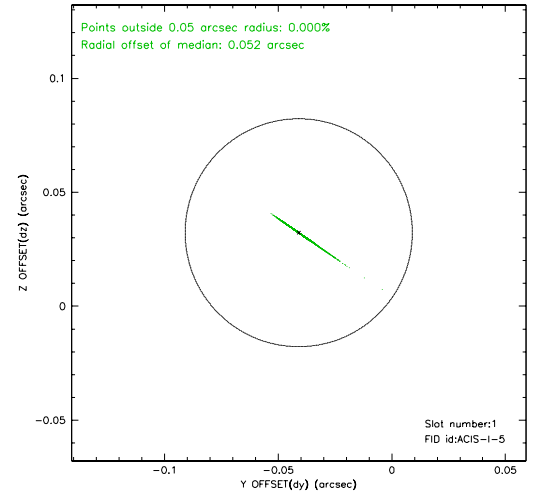
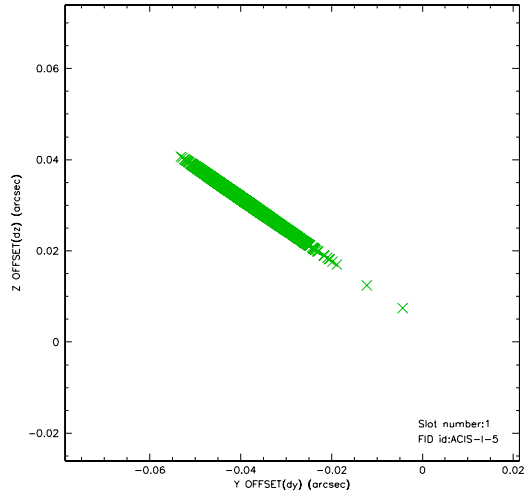


2.5 FID Slots

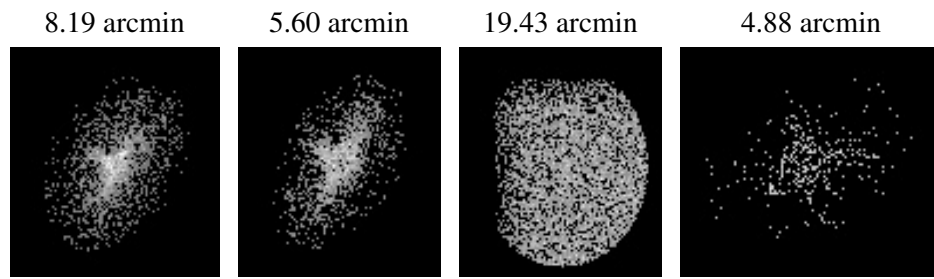
2.5.1 Slot 0



2.5.2 Slot 1



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	40.054

A.2 Comments

Roll constraint OK.

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The fid light in slot 2 was manually excluded from the processing due to poor data quality.