

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6067 - L2 Version 002
Chandra X-Ray Center

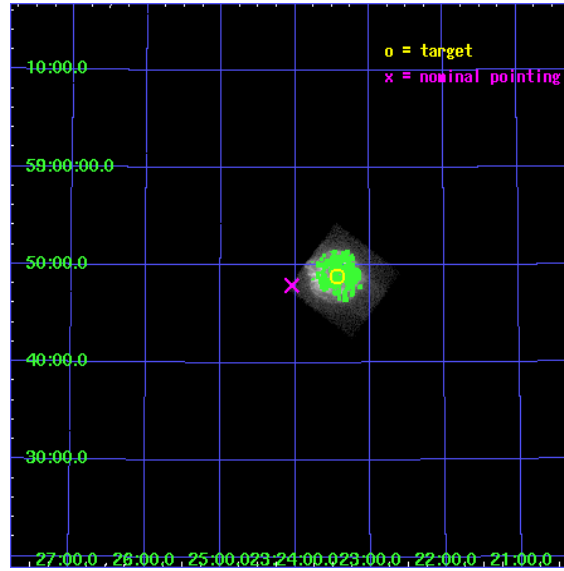
L2 Processing Date: Feb 28 2006

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1 Front

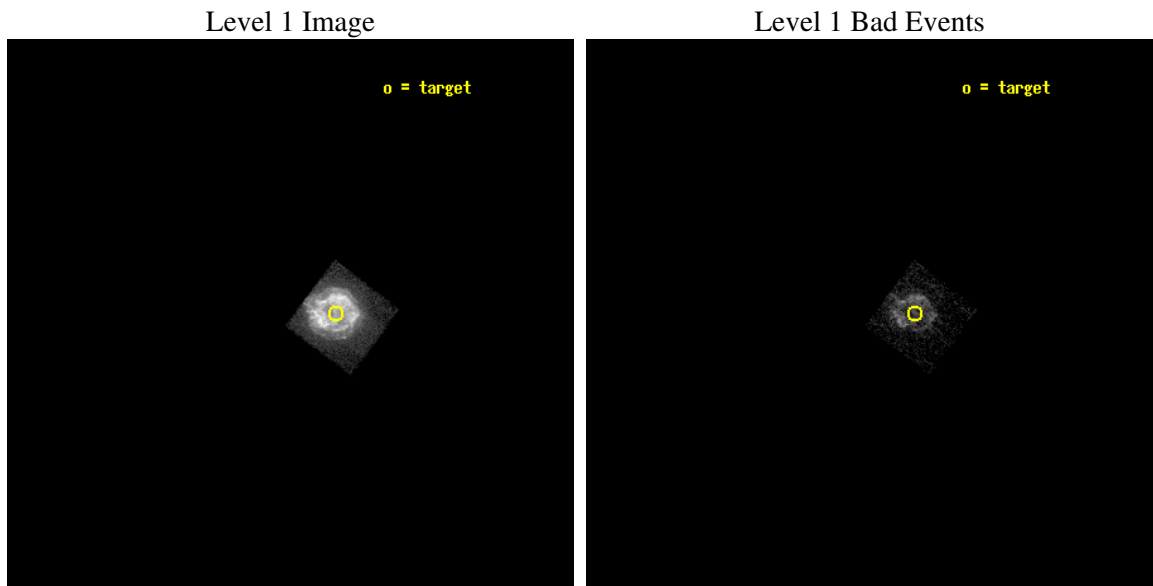
seq_num	590394
obs_id	6067
title	AO6A Observations of the Standard Candles Cas A and G21.5-09
observer	Dr. CXC Calibration
object	Cas A[I3,-120,-3.0,3.5,0]
dtcycle	0
cycle	P
ra_targ	350.8575
dec_targ	58.814833
ra_nom	351.01095336474
dec_nom	58.799232794128
roll_nom	36.974659940035
revision	2
ontime	1700.4797644913
livetime	1678.9472658073
ontime0	2105.599992156
ontime1	2105.599992156
ontime2	2105.599992156
ontime3	1700.4797644913
ontime6	2105.599992156
ontime7	2105.599992156
l2events	355322



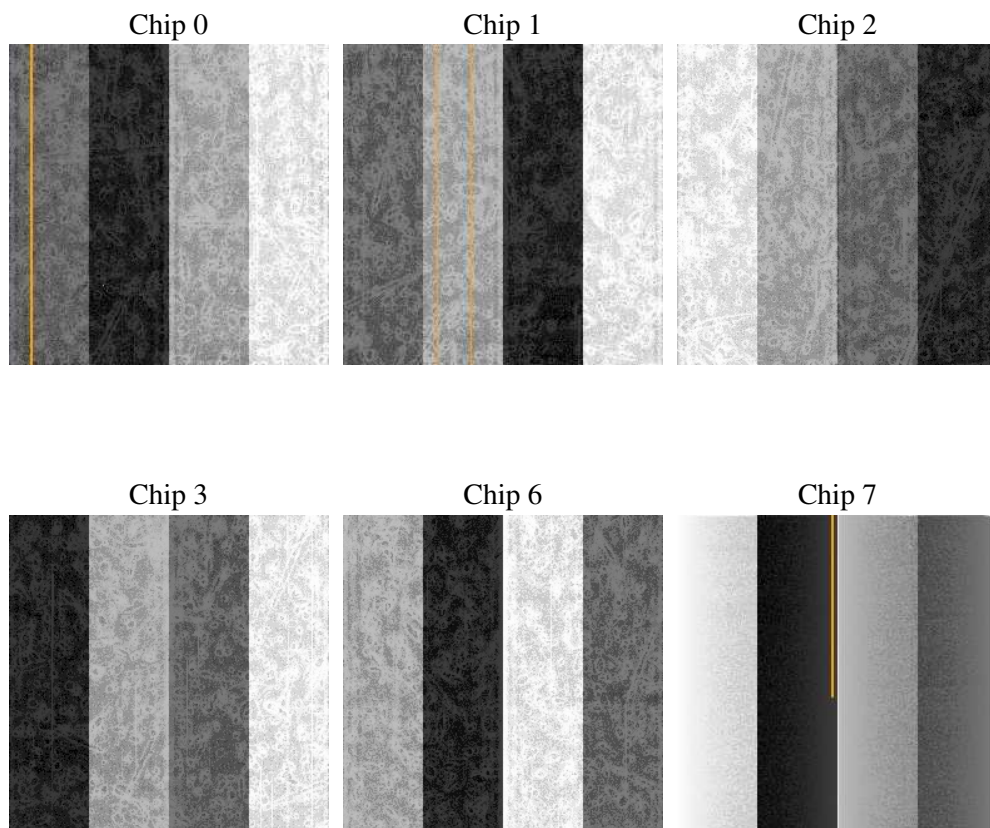
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-28T20:41:06
revision	2

sched_exp_time	2000.000000
ontime	2949.3155846298
ontime0	3354.4358122945
ontime1	3354.4358122945
ontime2	3354.4358122945
ontime3	2949.3155846298
ontime6	3354.4358122945
ontime7	3354.4358122945
l1events	445544

2.1.4 Events

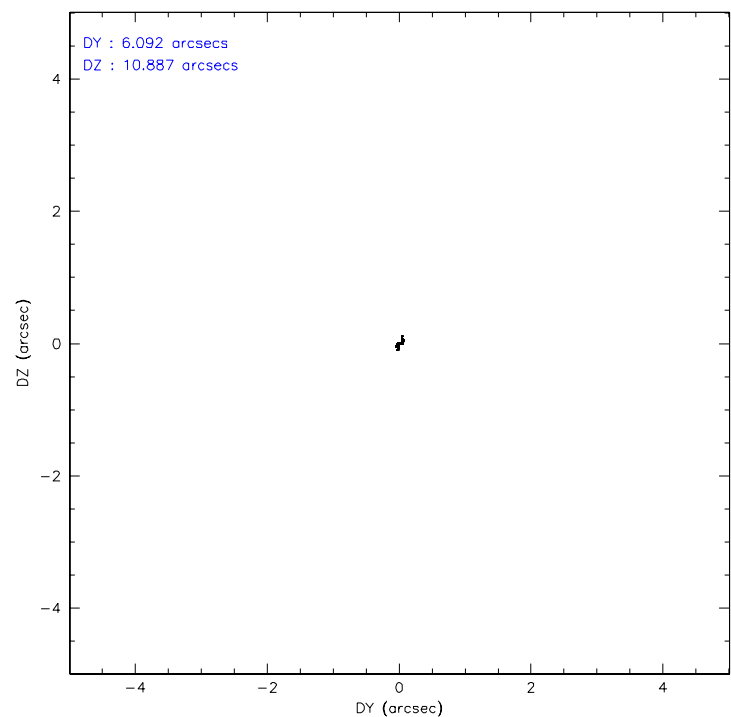
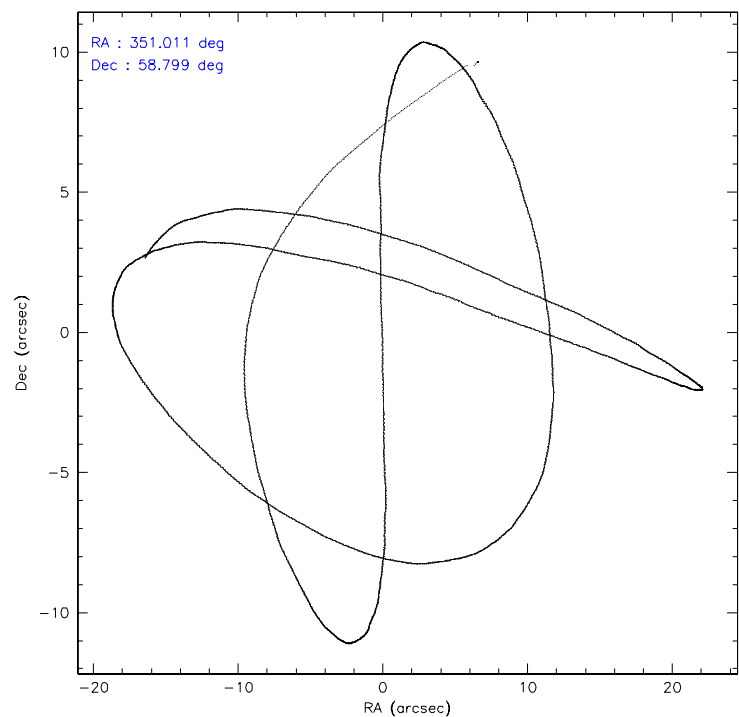
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	0	0	0	445544	0	0
rejected events	0	0	0	80195	0	0
rejected %	0%	0%	0%	17%	0%	0%

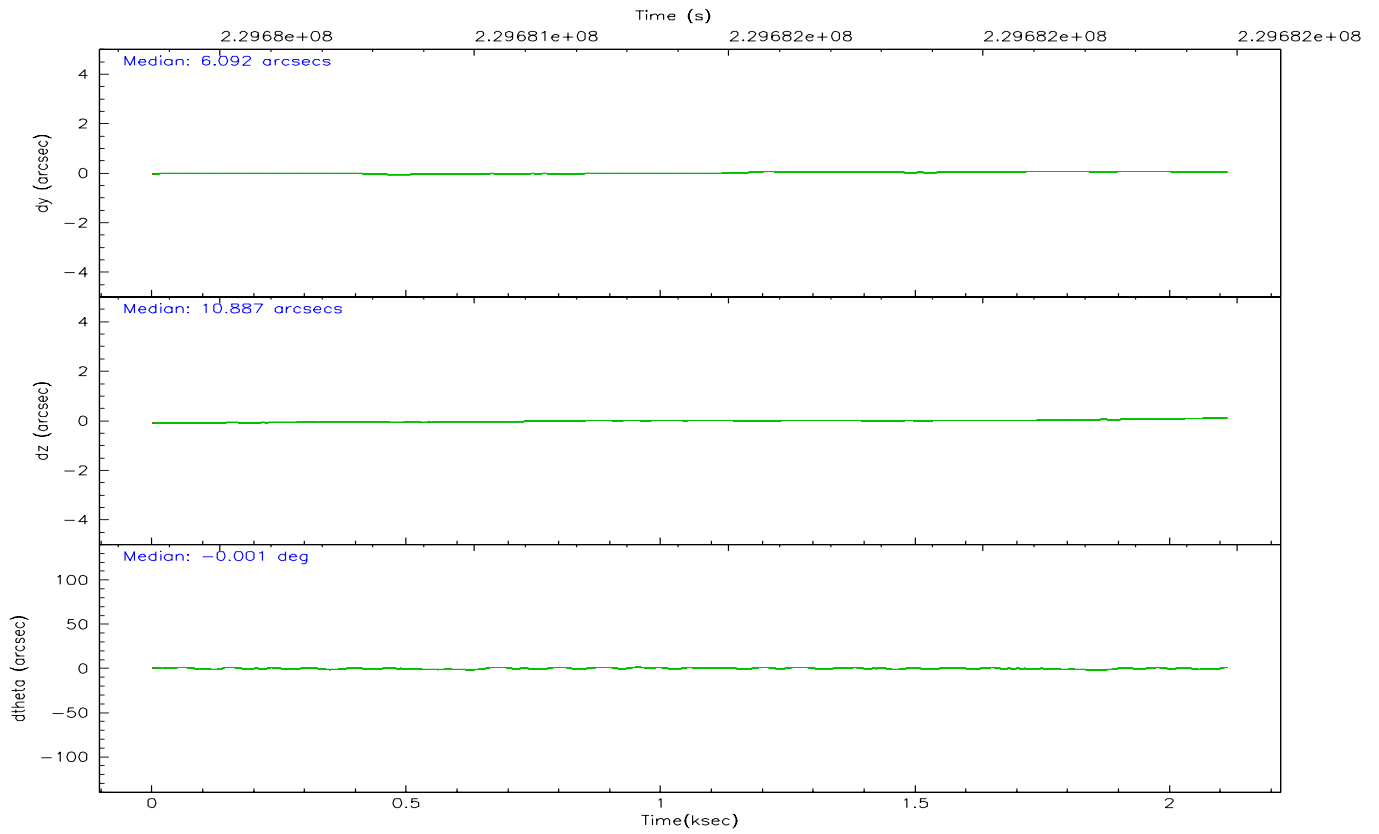
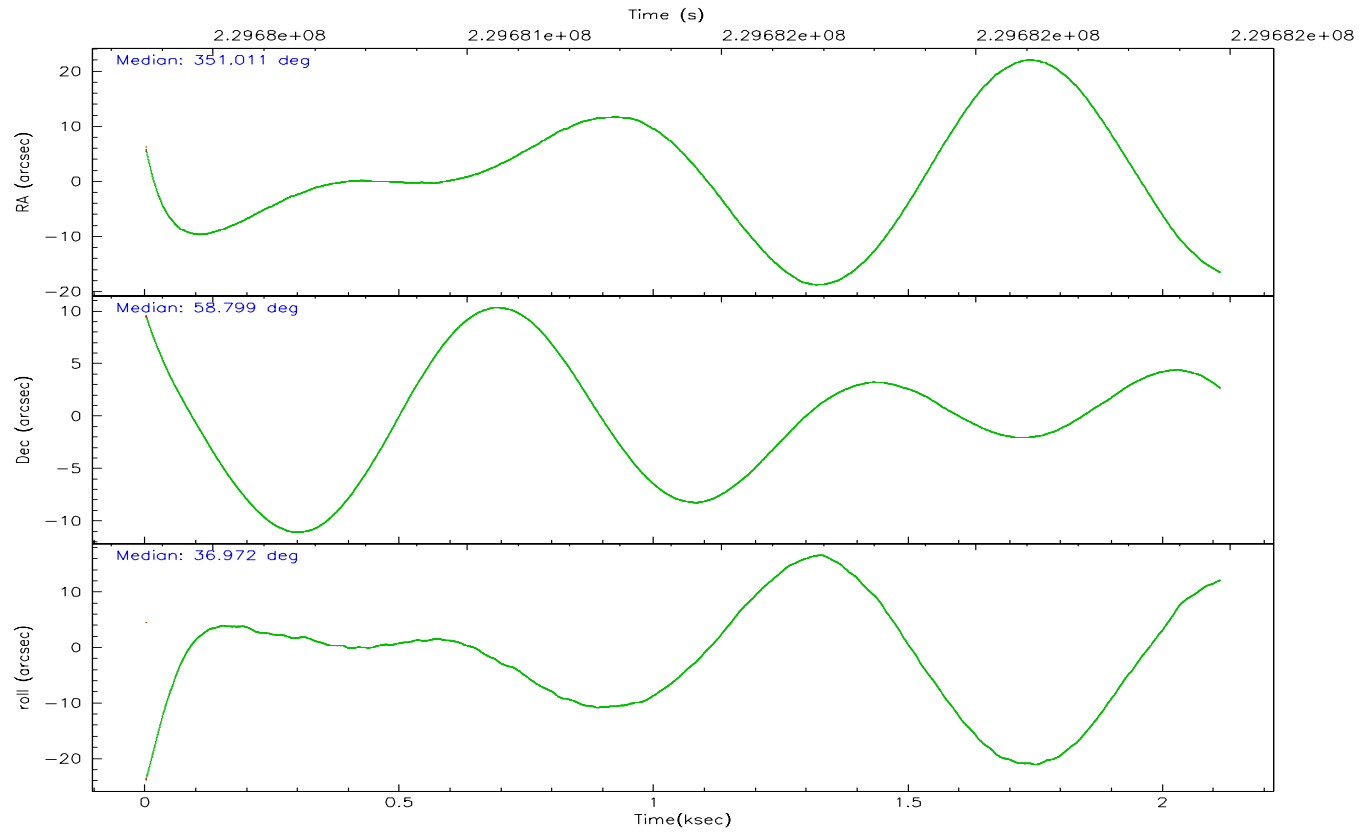
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	0	0	0	335311	0	0
	0%	0%	0%	75%	0%	0%
grade 1 events	0	0	0	5611	0	0
	0%	0%	0%	1%	0%	0%
grade 2 events	0	0	0	41829	0	0
	0%	0%	0%	9%	0%	0%
grade 3 events	0	0	0	13461	0	0
	0%	0%	0%	3%	0%	0%
grade 4 events	0	0	0	13632	0	0
	0%	0%	0%	3%	0%	0%
grade 5 events	0	0	0	3551	0	0
	0%	0%	0%	0%	0%	0%
grade 6 events	0	0	0	8682	0	0
	0%	0%	0%	1%	0%	0%
grade 7 events	0	0	0	23467	0	0
	0%	0%	0%	5%	0%	0%

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	350.990510	351.0109533647391	Alternating exposures requested	N	N
Pointing Dec	58.773994	58.79923279412818	Primary exposure time	0.000000	3.2
Pointing Roll	36.783542	36.97465994003512			
Window start time	223603264.184000	223603264.184000			
Window stop time	233884864.184000	233884864.184000			
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	229680482.184000	229678824.27071			
Observation start date	2005-04-12T08:06:58	2005-04-12T07:40:24			
Observation end time	229682482.184000	229682632.14589			
Observation end date	2005-04-12T08:40:18	2005-04-12T08:43:52			
Read mode	TIMED	TIMED			

2.3 Aspect



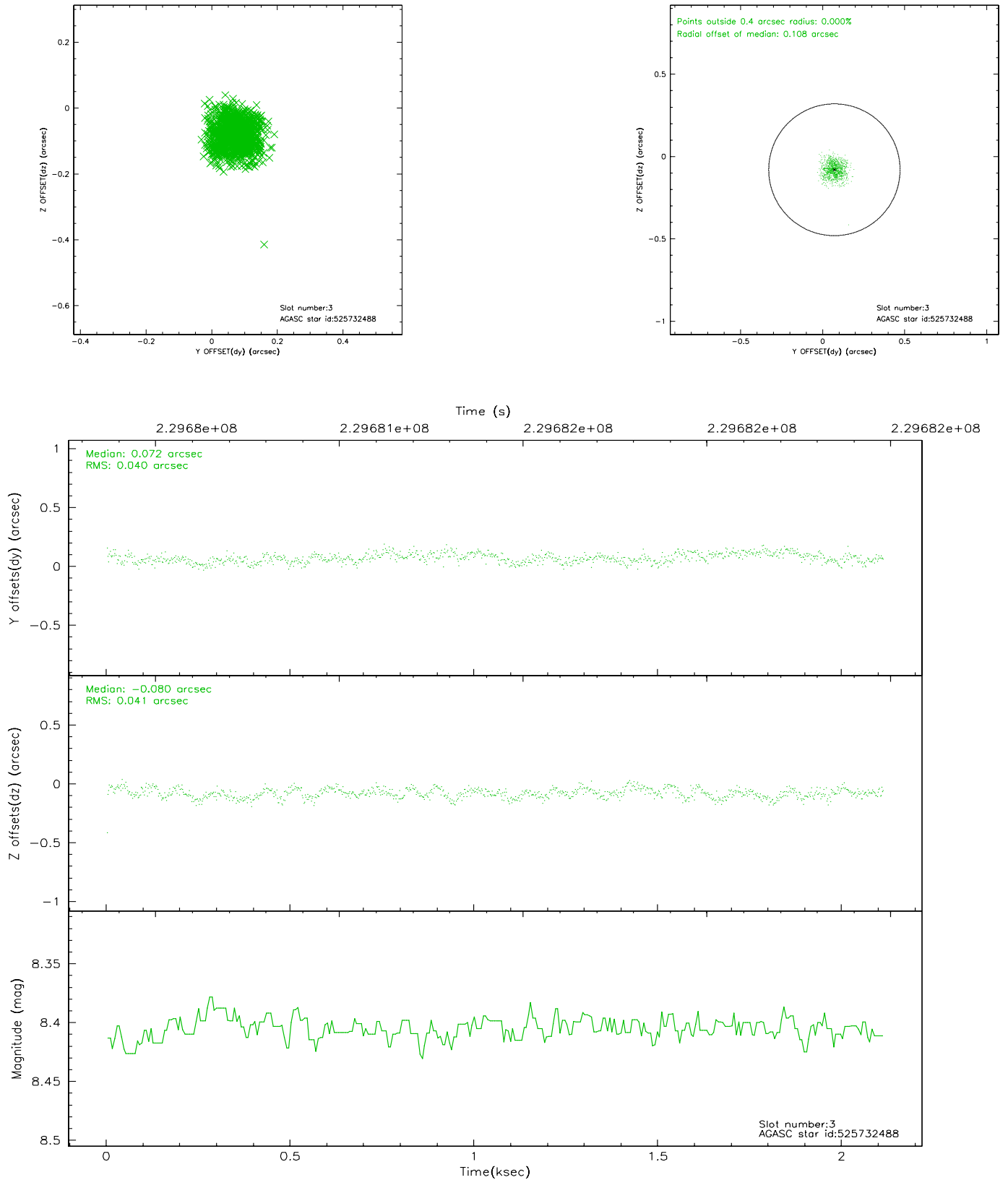


Slot Statistics

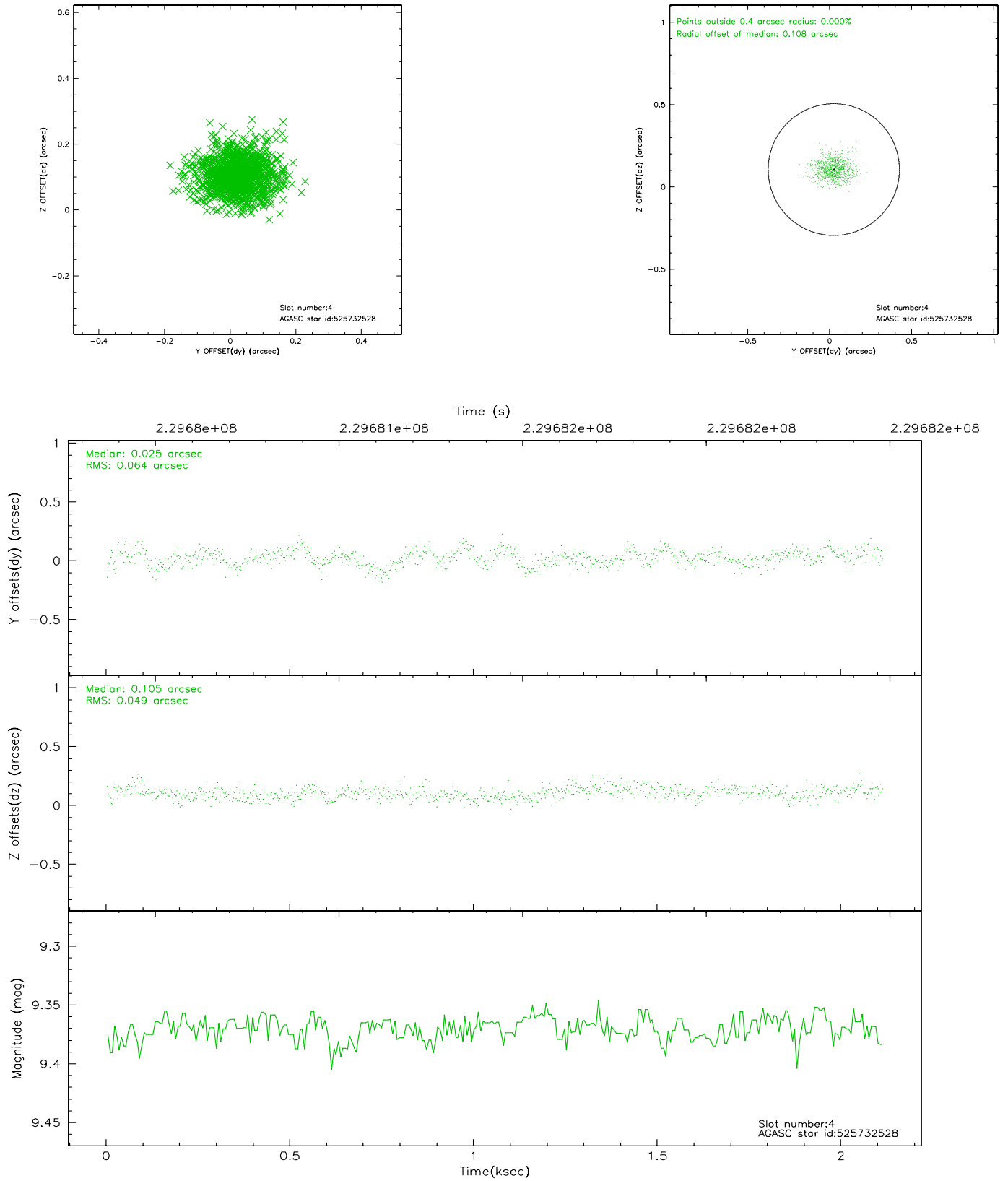
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	515	-0.012	-0.052	0.009	0.017	0.000000	0.000000	-760.61	-840.77
1	FID	ACIS-I-5	7.23	515	-0.117	0.063	0.008	0.014	0.000000	0.000000	-1816.16	1061.67
2	FID	ACIS-I-6	7.25	516	0.035	0.058	0.006	0.010	0.000000	0.000000	395.87	1709.62
3	GUIDE	525732488	8.41	1031	0.072	-0.080	0.061	0.097	350.087090	58.516915	-1907.34	284.91
4	GUIDE	525732528	9.37	1031	0.025	0.105	0.085	0.141	351.607241	59.298932	2040.84	839.62
5	GUIDE	525735976	8.75	1031	0.112	0.201	0.056	0.093	350.142956	58.277622	-2346.61	-461.39
6	GUIDE	525735456	6.72	1031	-0.172	-0.199	0.053	0.082	350.628183	59.307249	614.93	1937.17
7	GUIDE	525740136	8.67	1030	-0.036	-0.023	0.073	0.119	352.585881	58.767876	2393.70	-1770.19

2.4 Star Slots

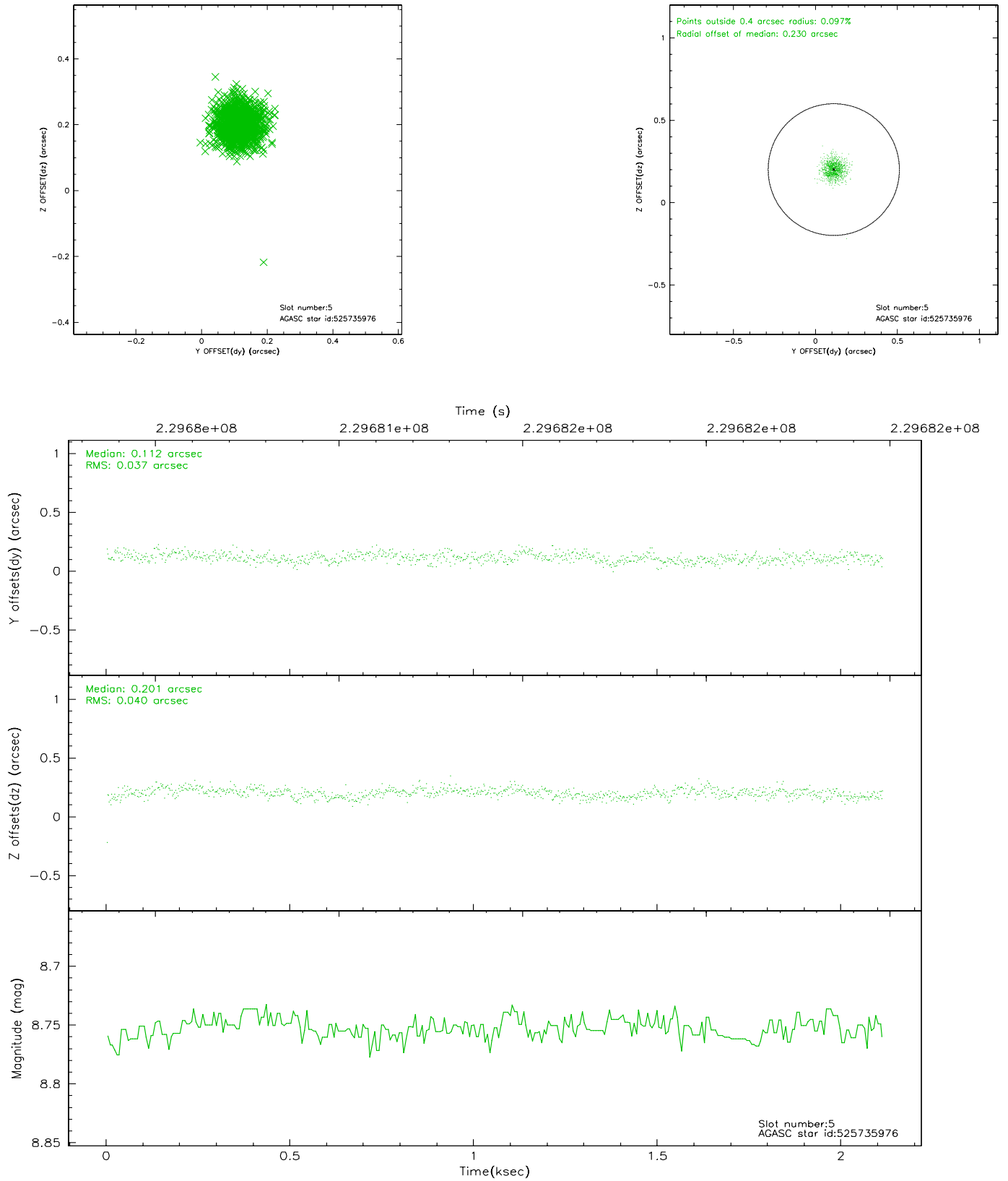
2.4.1 Slot 3



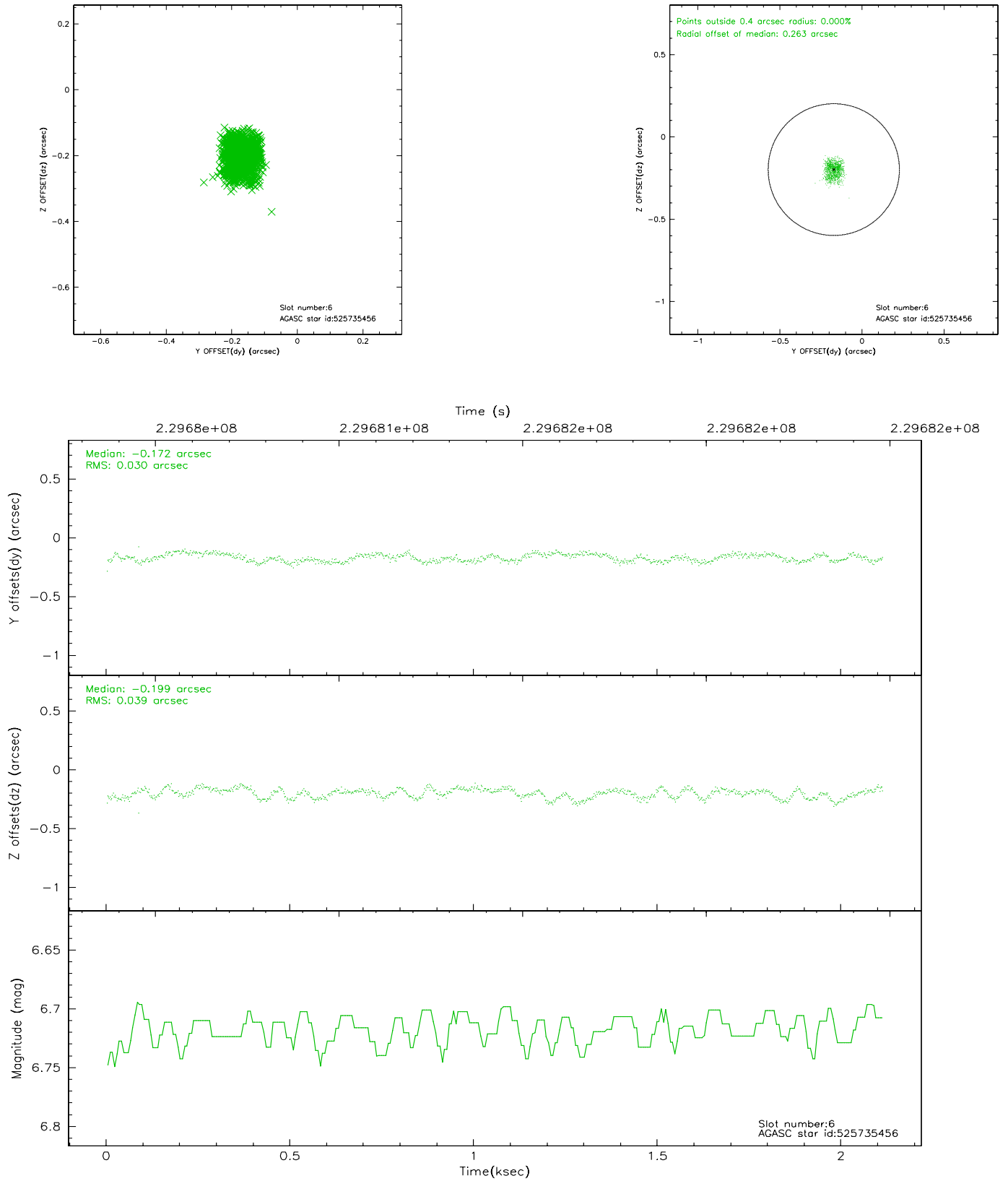
2.4.2 Slot 4



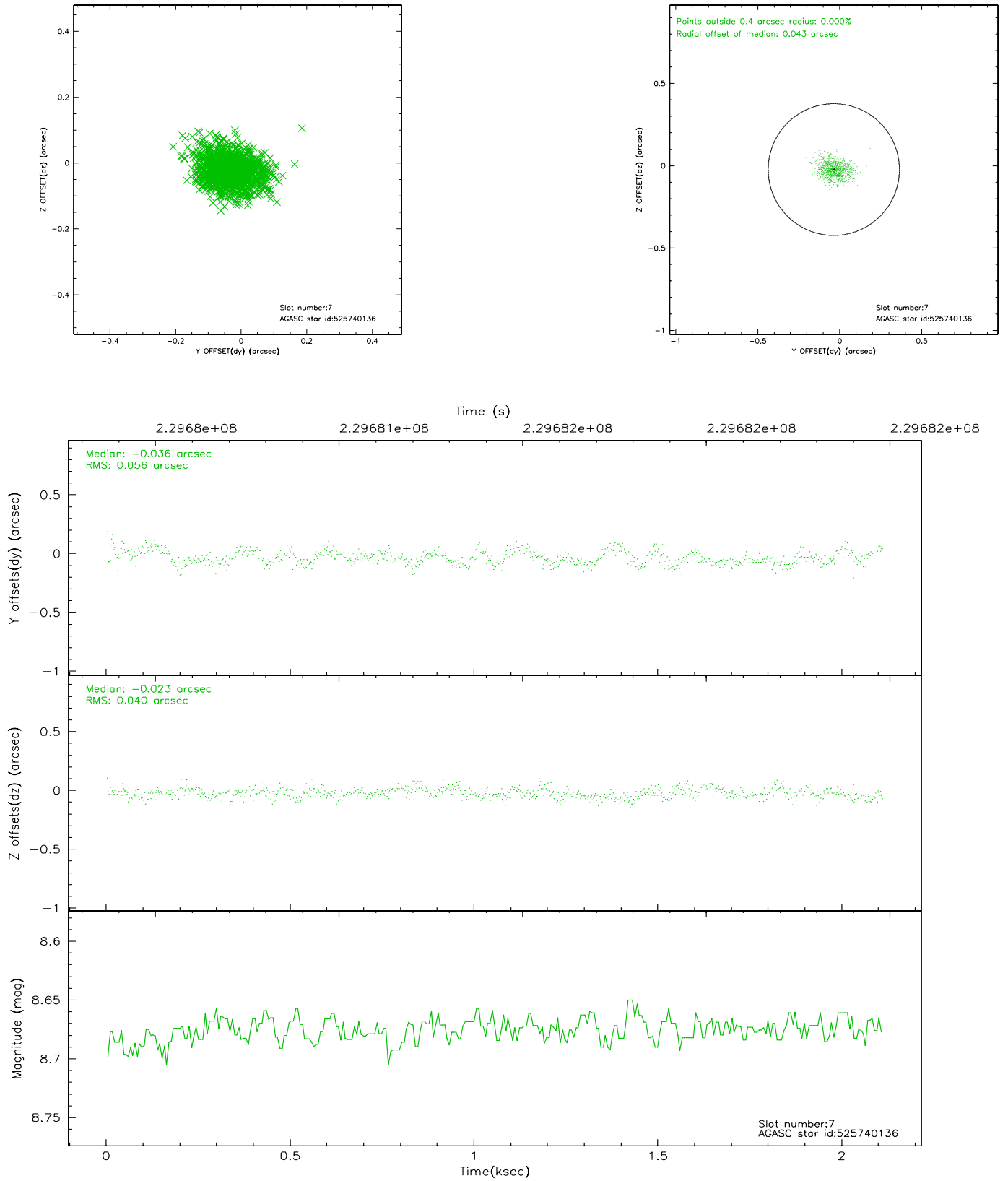
2.4.3 Slot 5



2.4.4 Slot 6

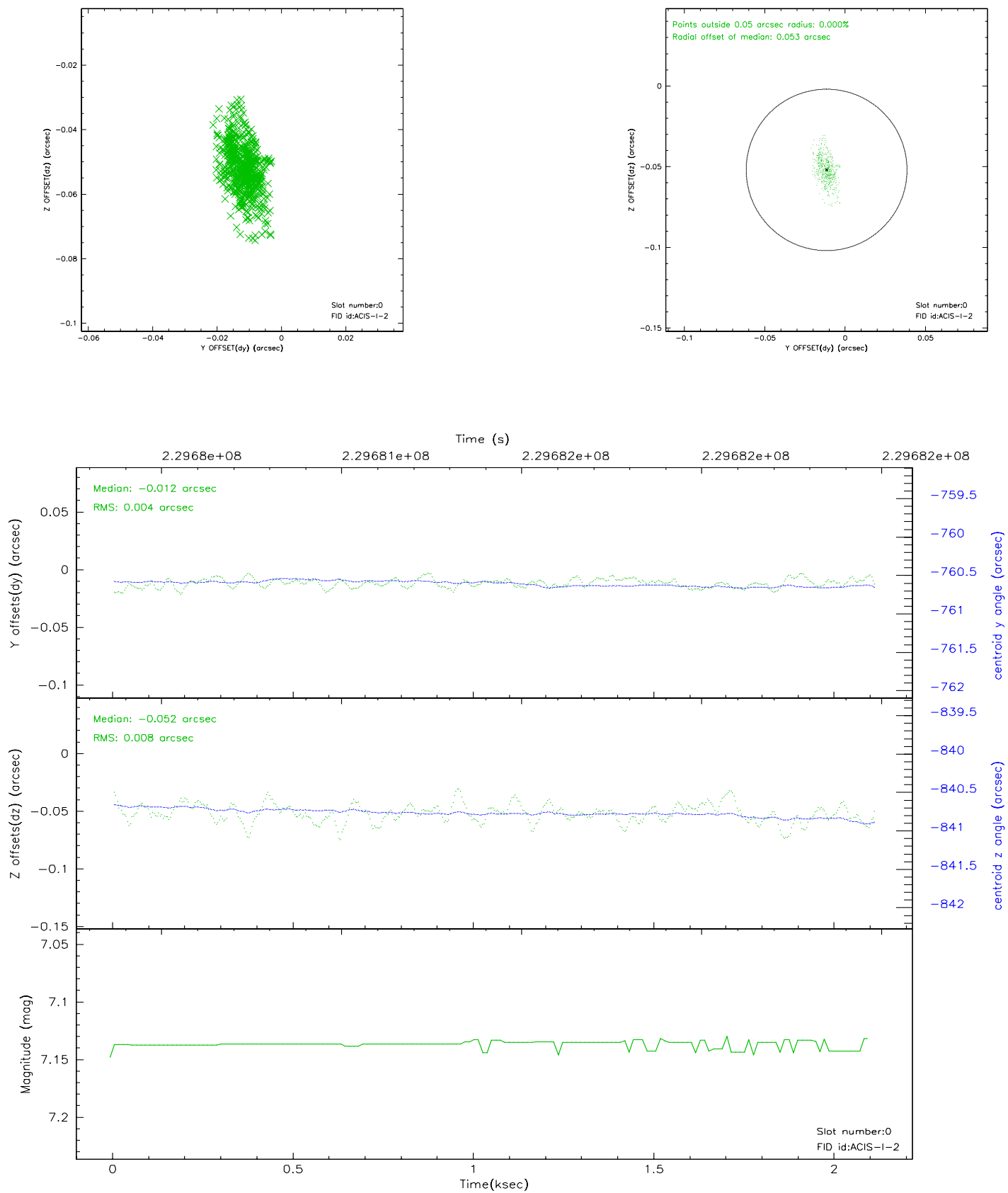


2.4.5 Slot 7

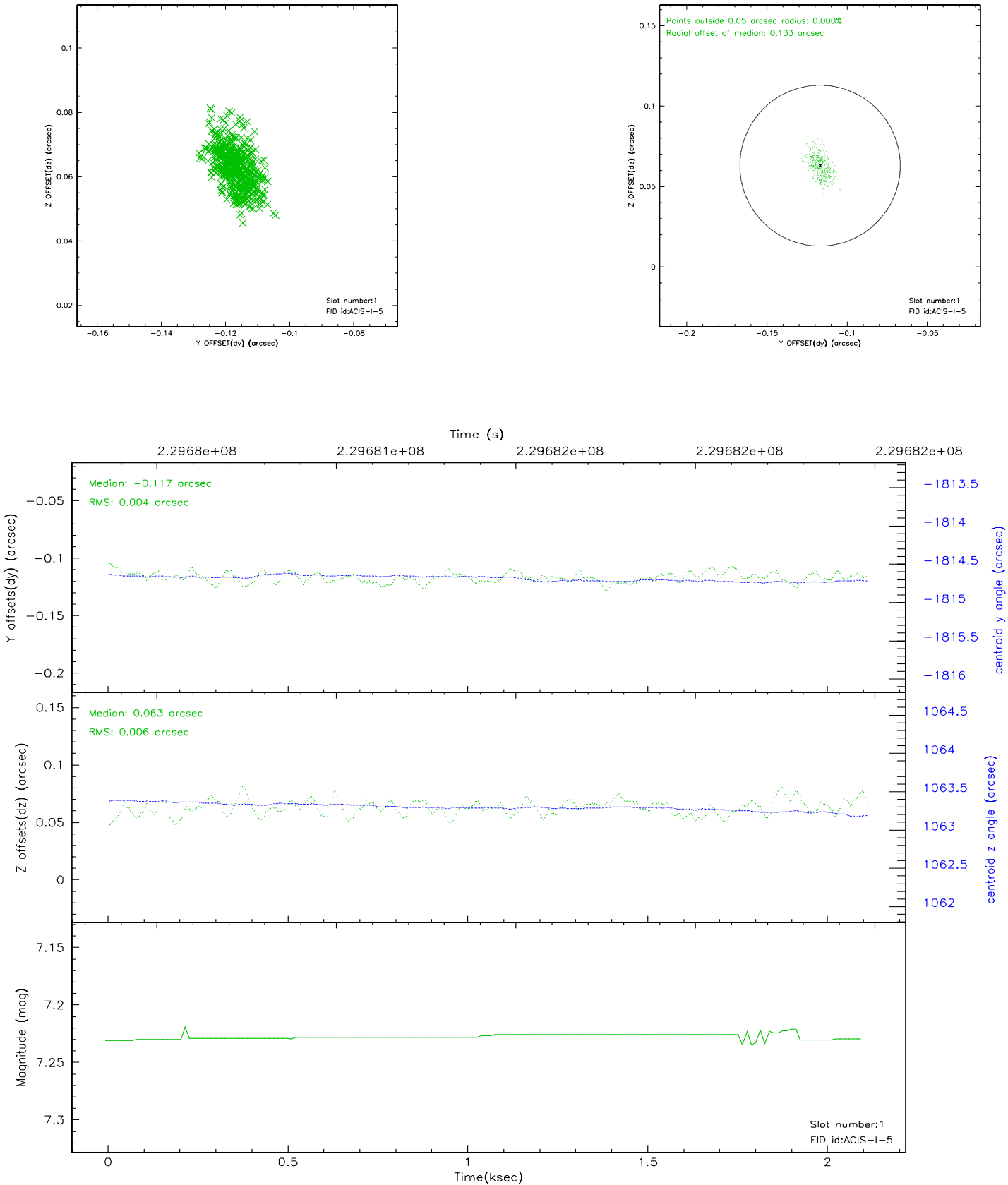


2.5 FID Slots

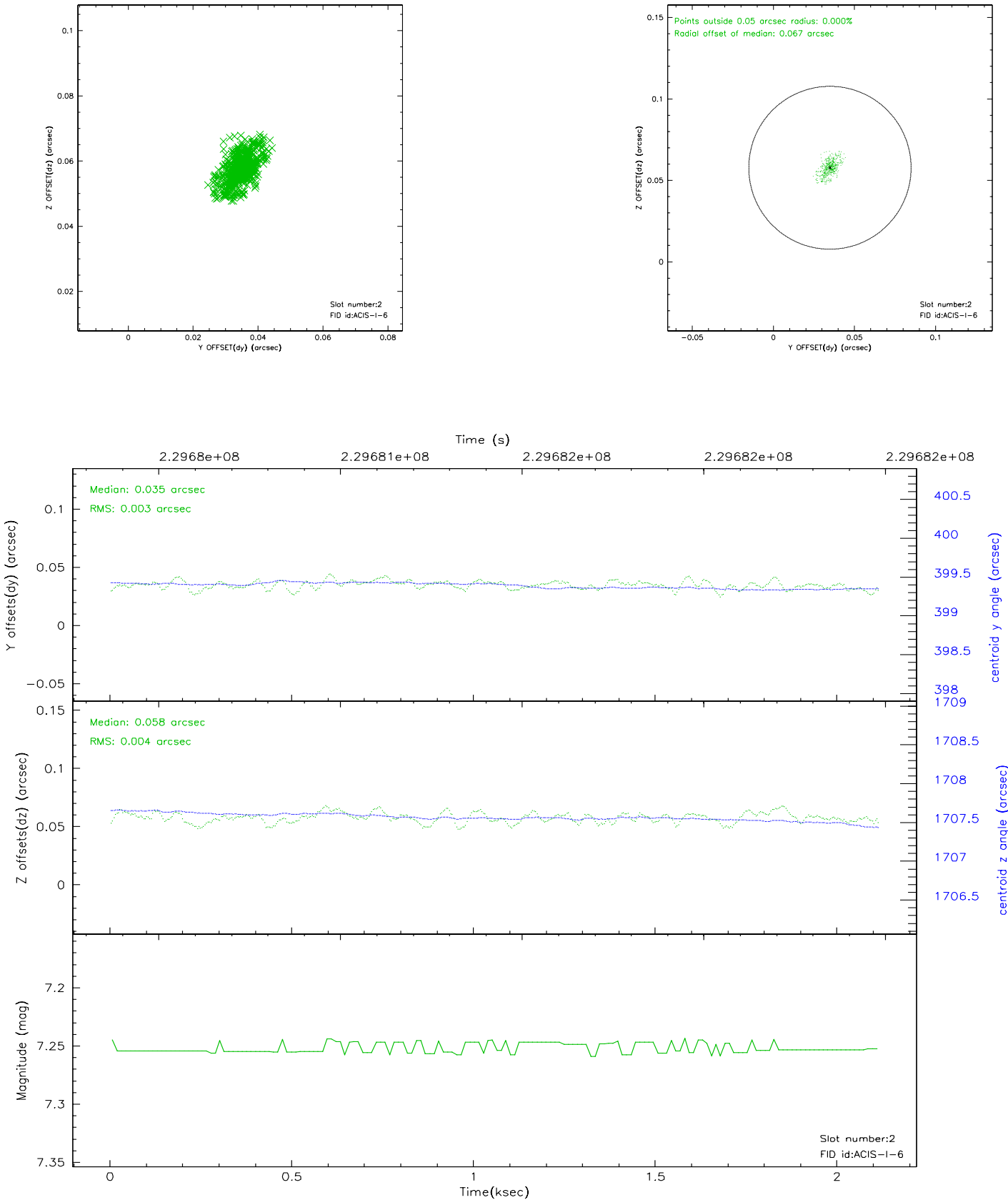
2.5.1 Slot 0



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)	2006.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.700479

A.2 Comments

Window constraint satisfied.