

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6100 - L2 Version 002
Chandra X-Ray Center

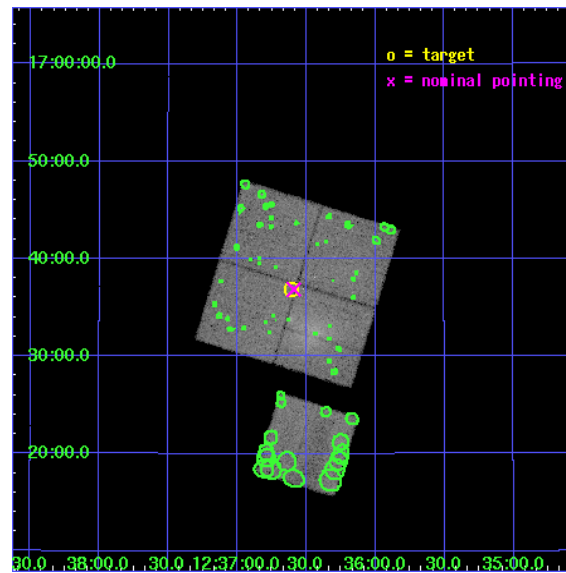
L2 Processing Date: Feb 28 2006

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1 Front

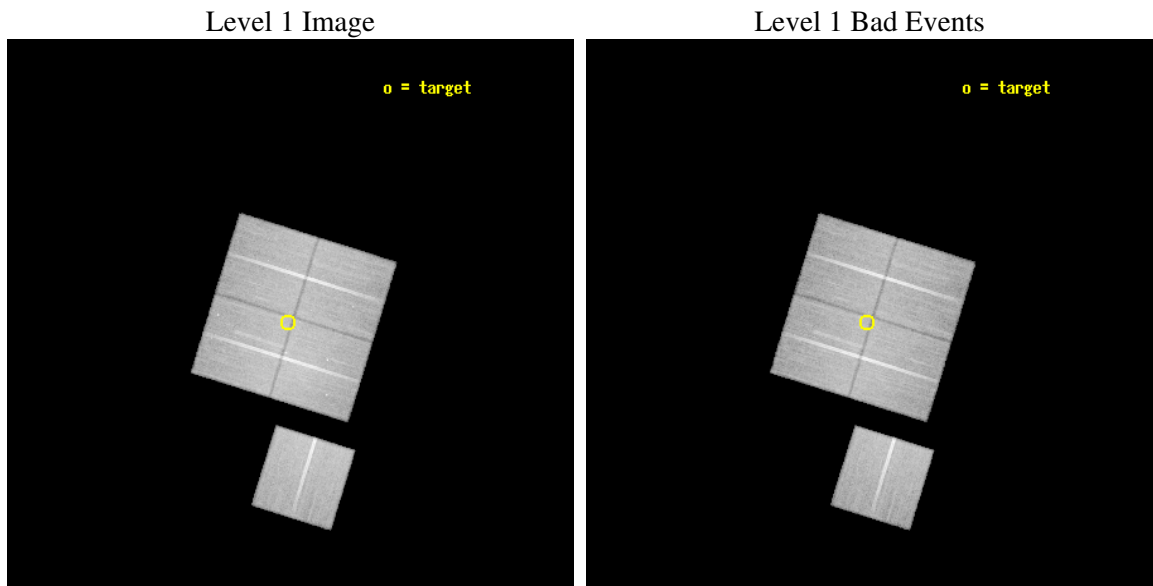
seq_num	800548
obs_id	6100
title	A Chandra Study of the Unusual Galaxy Cluster A1569
observer	Dr. Steven Murray
object	Abell 1569
dtcycle	0
cycle	P
ra_targ	189.15247
dec_targ	16.613885
ra_nom	189.1476730254
dec_nom	16.614340990558
roll_nom	197.27625713161
revision	2
ontime	41753.899919719
livetime	41208.354478493
ontime0	41750.758929461
ontime1	41753.899919719
ontime2	41747.617939234
ontime3	41753.899919719
ontime6	41753.899919719
l2events	182877



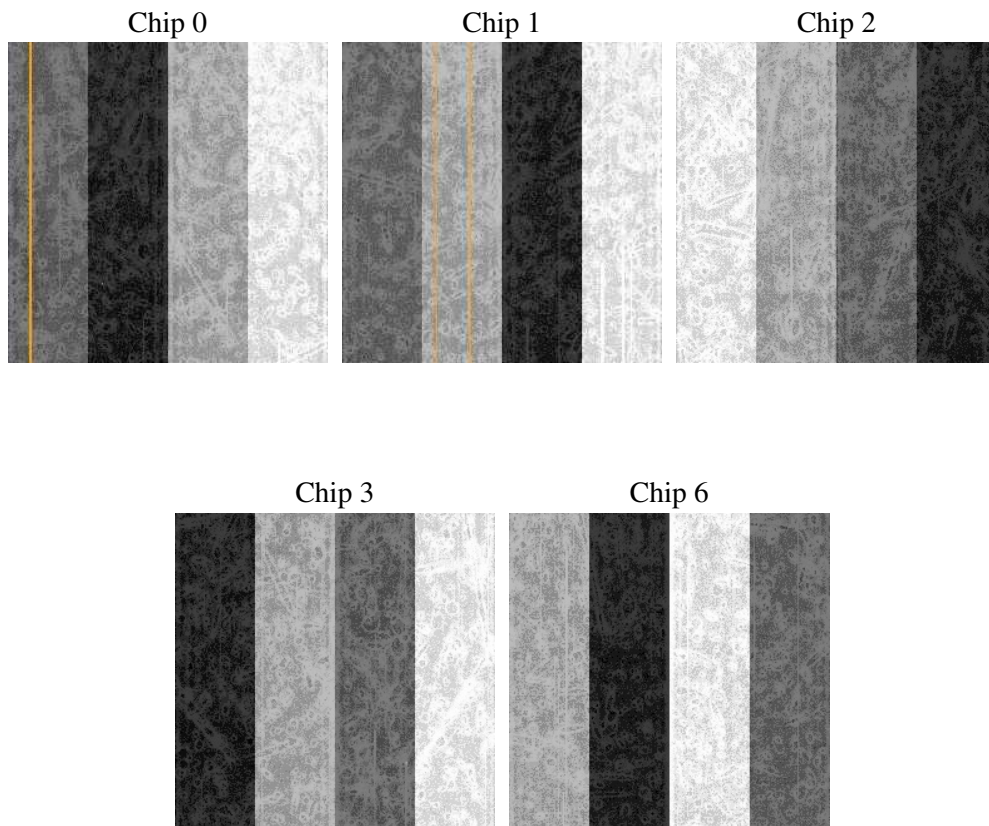
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-28T17:03:44
revision	2

sched_exp_time	41700.000000
ontime	41756.621358007
ontime0	41753.480387628
ontime1	41756.621377885
ontime2	41750.339397401
ontime3	41756.621358007
ontime6	41756.621358007
l1events	1548355

2.1.4 Events

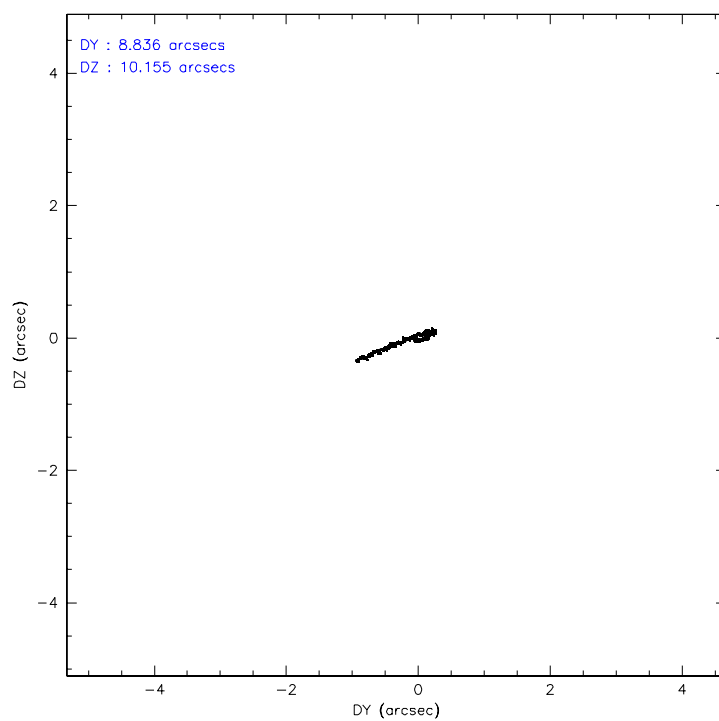
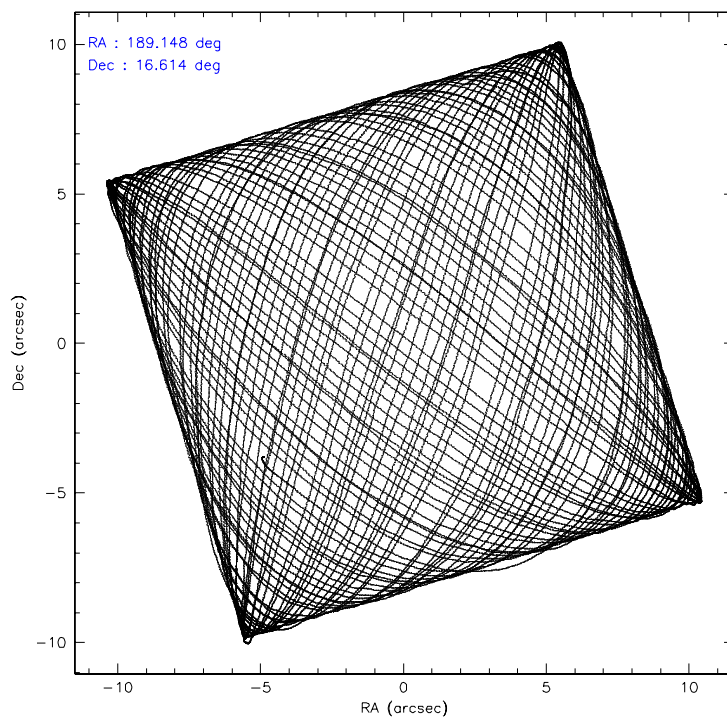
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	295116	293816	330689	311704	317030
rejected events	253940	253044	278762	273095	279443
rejected %	86%	86%	84%	87%	88%

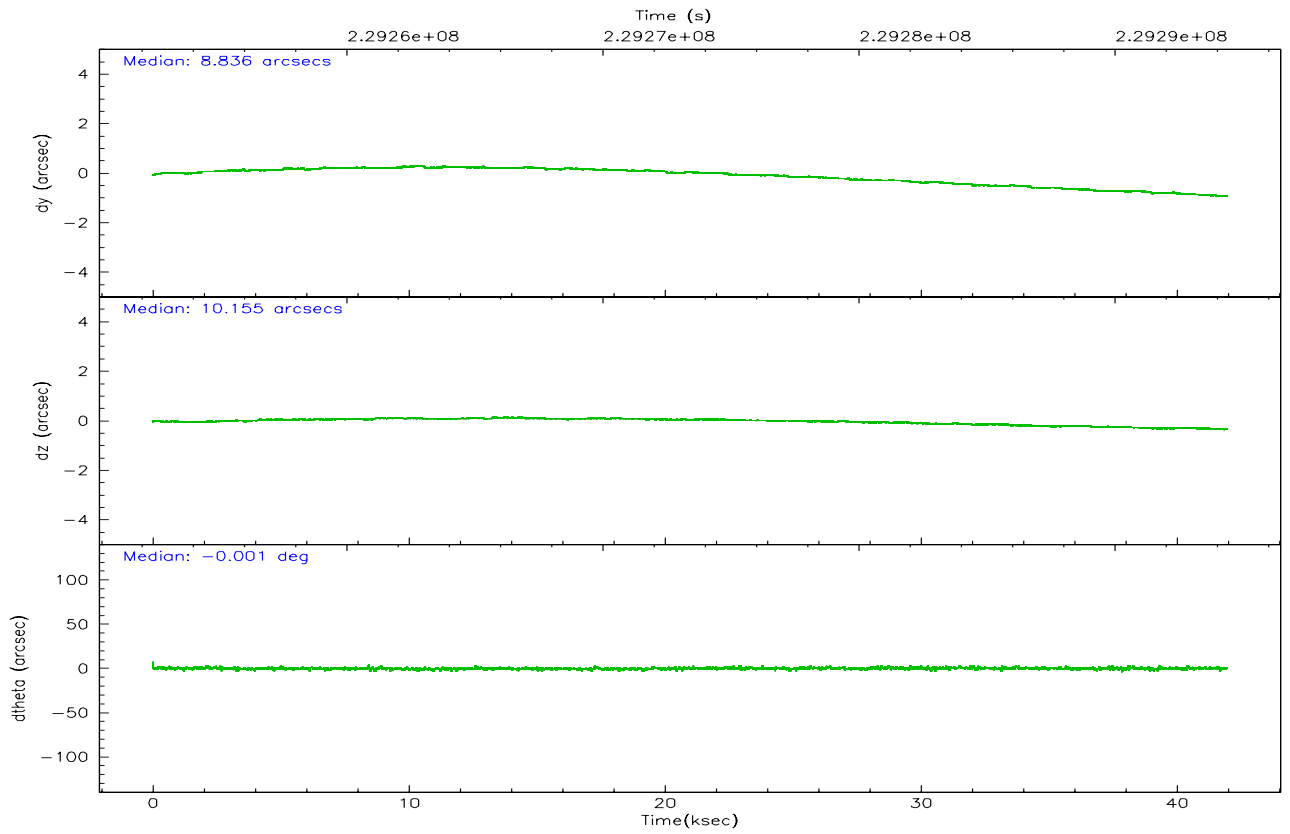
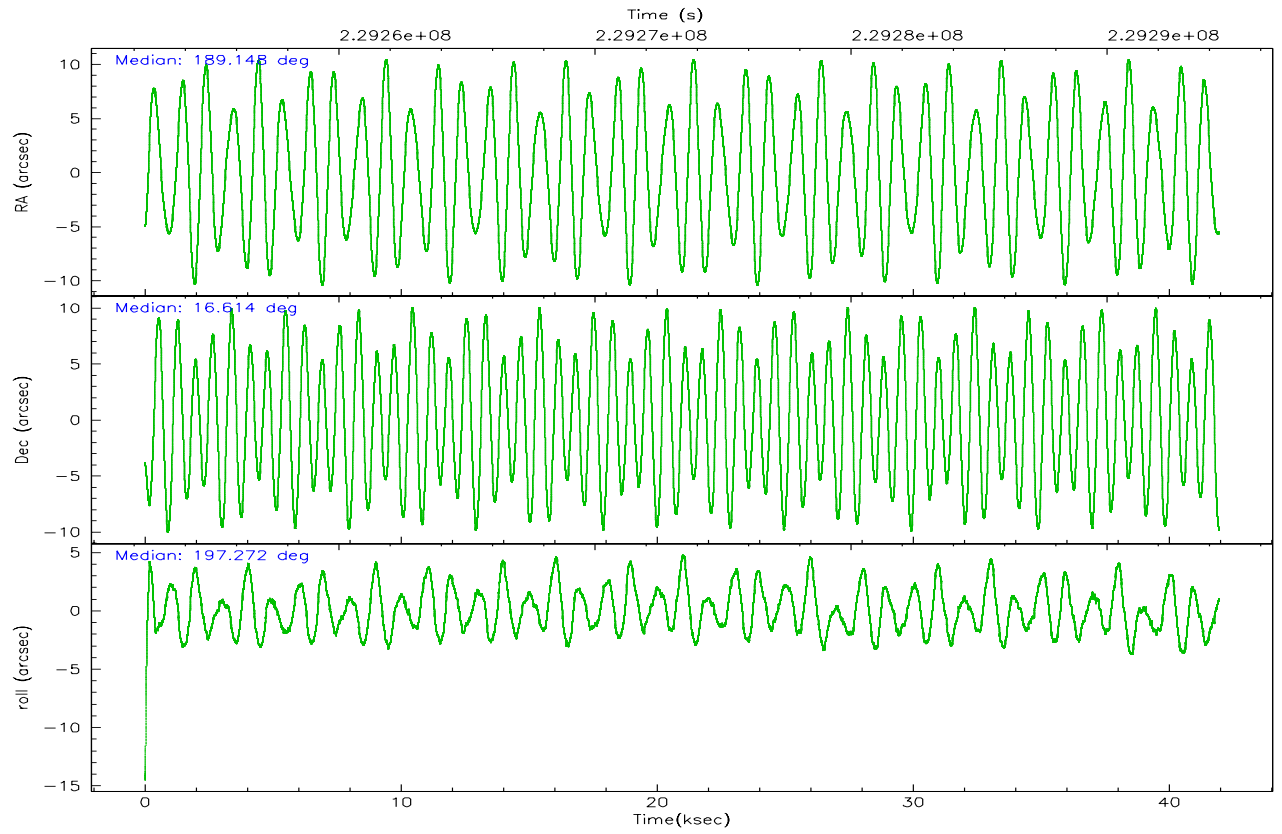
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	18807	16209	28712	17250	15031
	6%	5%	8%	5%	4%
grade 1 events	163	142	255	180	154
	0%	0%	0%	0%	0%
grade 2 events	8453	8994	8988	7405	7814
	2%	3%	2%	2%	2%
grade 3 events	3884	3912	3817	3629	3625
	1%	1%	1%	1%	1%
grade 4 events	3597	3872	3892	3592	3616
	1%	1%	1%	1%	1%
grade 5 events	13229	13896	12611	14431	14289
	4%	4%	3%	4%	4%
grade 6 events	6435	7786	6520	6738	7505
	2%	2%	1%	2%	2%
grade 7 events	240548	239005	265894	258479	264996
	81%	81%	80%	82%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	189.166960	189.1476730254018	Alternating exposures requested	N	N
Pointing Dec	16.634533	16.6143409905579	Primary exposure time	0.000000	3.1
Pointing Roll	197.062061	197.2762571316101			
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	229252681.184000	229251722.6388			
Observation start date	2005-04-07T09:16:57	2005-04-07T09:02:02			
Observation end time	229294381.184000	229295039.14077			
Observation end date	2005-04-07T20:51:57	2005-04-07T21:03:59			
Read mode	TIMED	TIMED			

2.3 Aspect



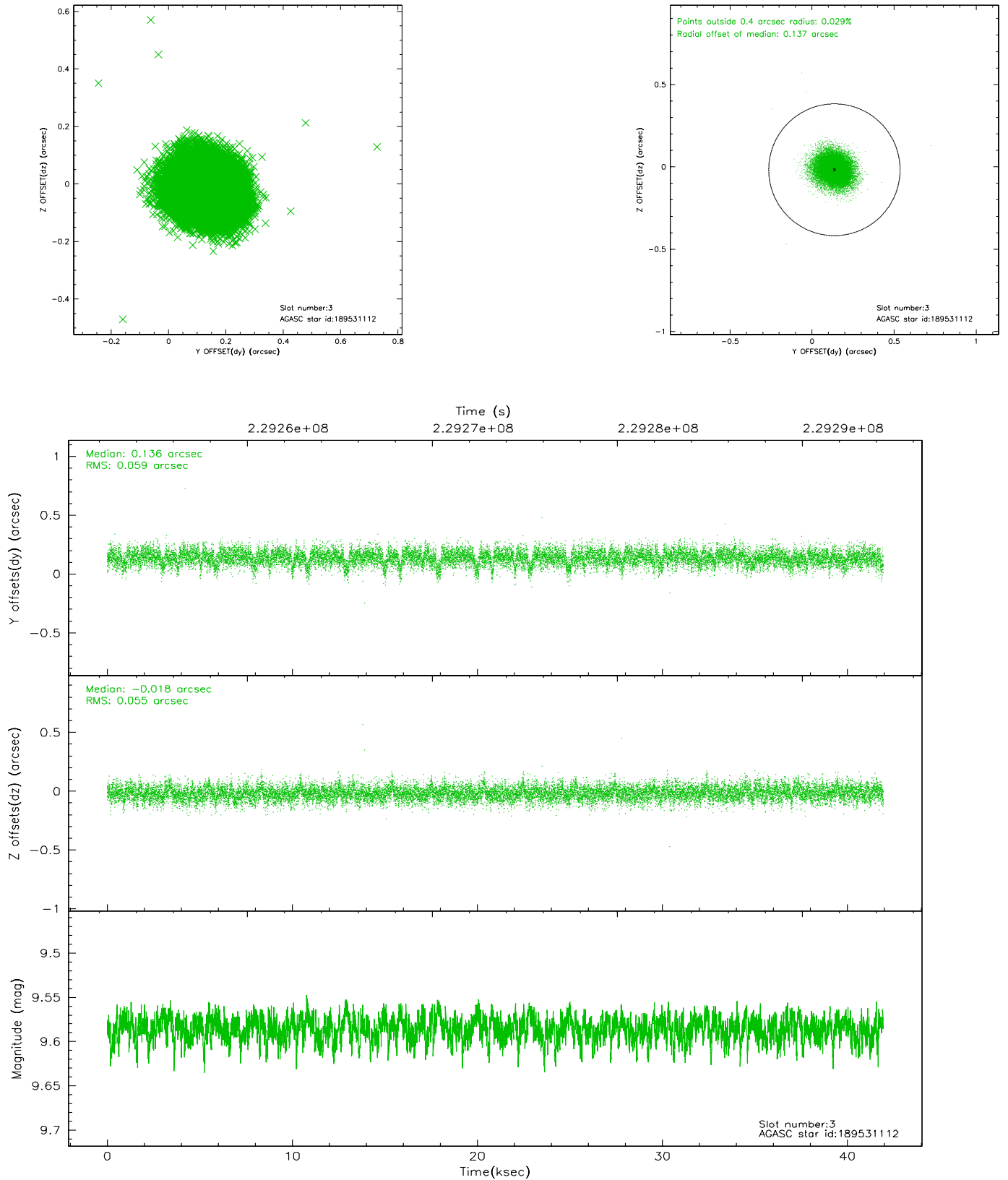


Slot Statistics

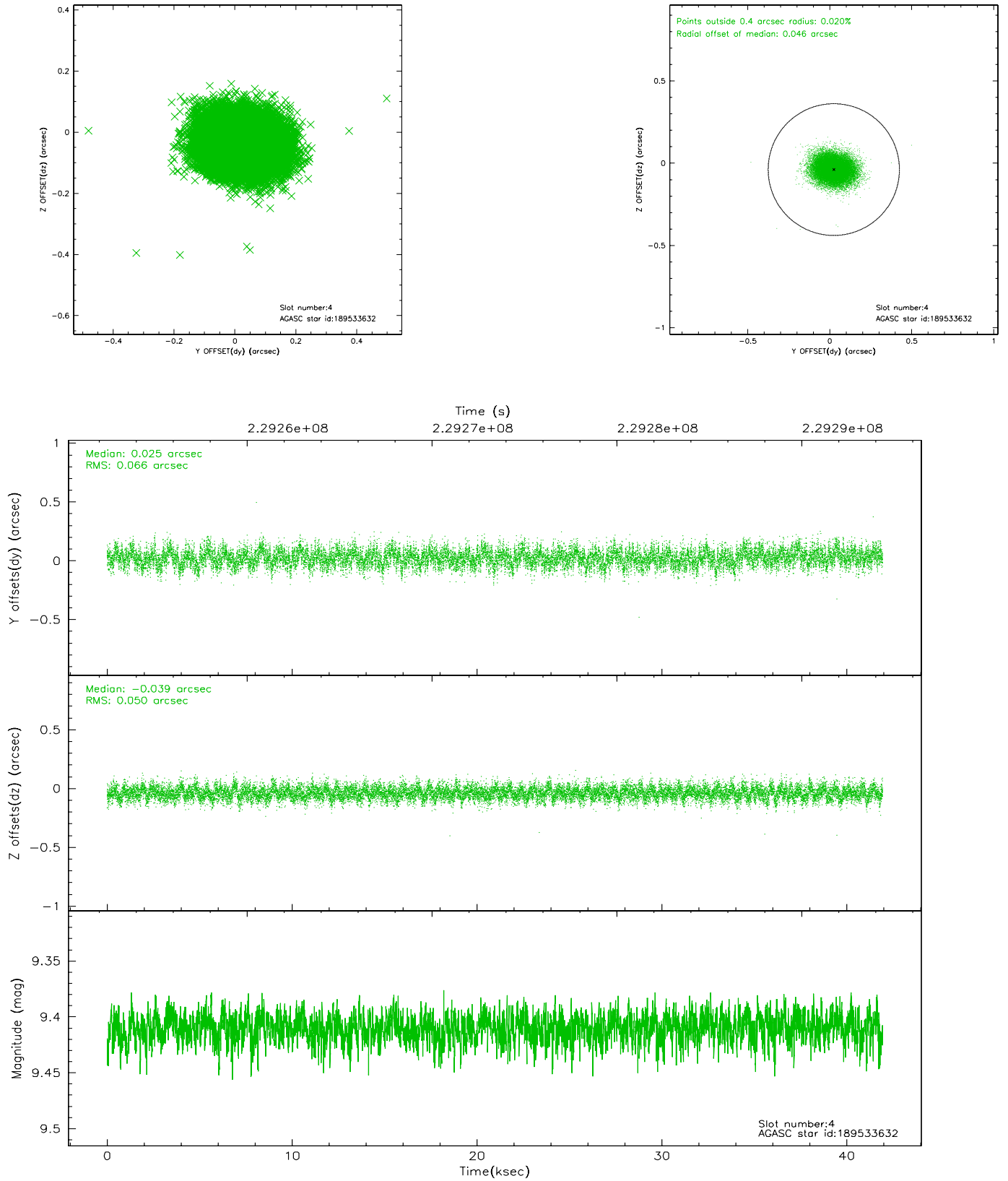
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	10231	-0.046	0.083	0.016	0.027	0.000000	0.000000	930.87	-833.53
1	FID	ACIS-I-2	7.14	10229	-0.132	-0.079	0.012	0.021	0.000000	0.000000	-763.30	-840.09
2	FID	ACIS-I-4	7.17	10231	0.080	0.064	0.009	0.015	0.000000	0.000000	2150.93	1066.22
3	GUIDE	189531112	9.59	20441	0.136	-0.018	0.085	0.140	189.744251	16.502335	-1765.93	1037.07
4	GUIDE	189533632	9.41	20445	0.025	-0.039	0.087	0.143	188.646001	16.426664	1938.69	185.85
5	GUIDE	189535528	9.21	20443	0.003	0.042	0.093	0.153	188.943906	16.829854	528.82	-897.63
6	GUIDE	189537488	7.76	20461	-0.129	0.007	0.056	0.089	189.788372	16.479780	-1887.82	1158.80
7	GUIDE	189540176	9.24	20441	-0.035	0.005	0.080	0.134	189.801571	16.510067	-1963.23	1067.86

2.4 Star Slots

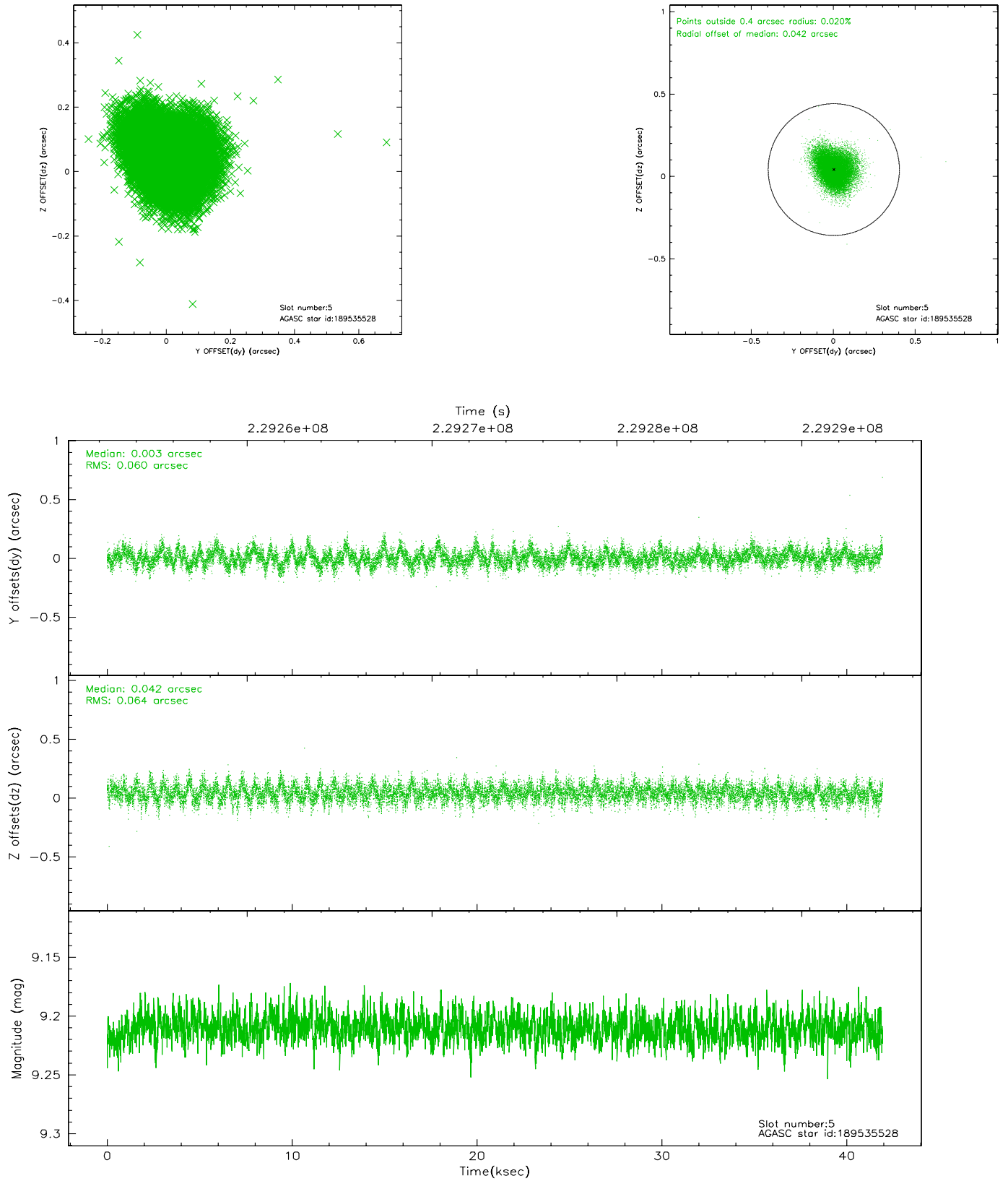
2.4.1 Slot 3



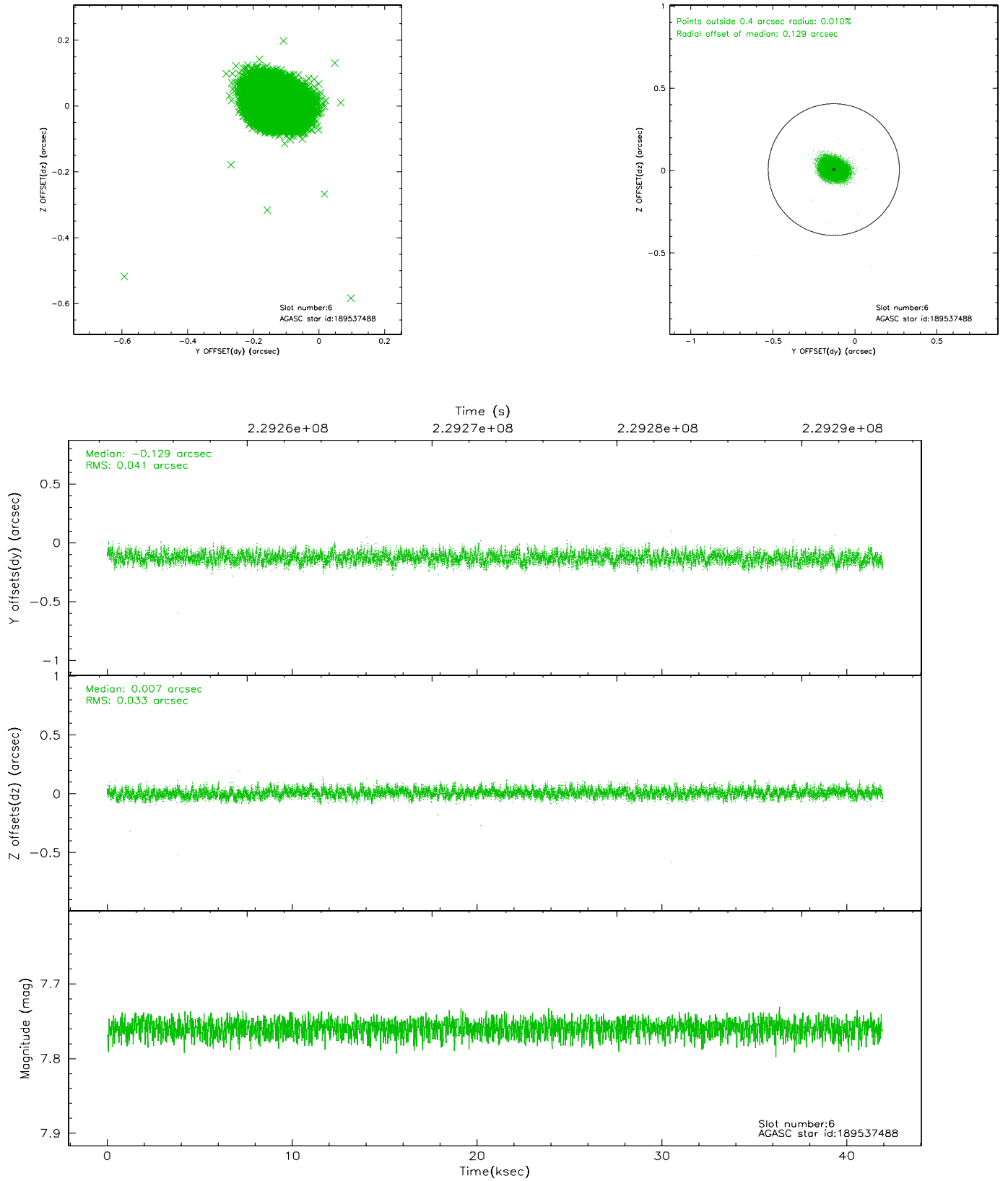
2.4.2 Slot 4



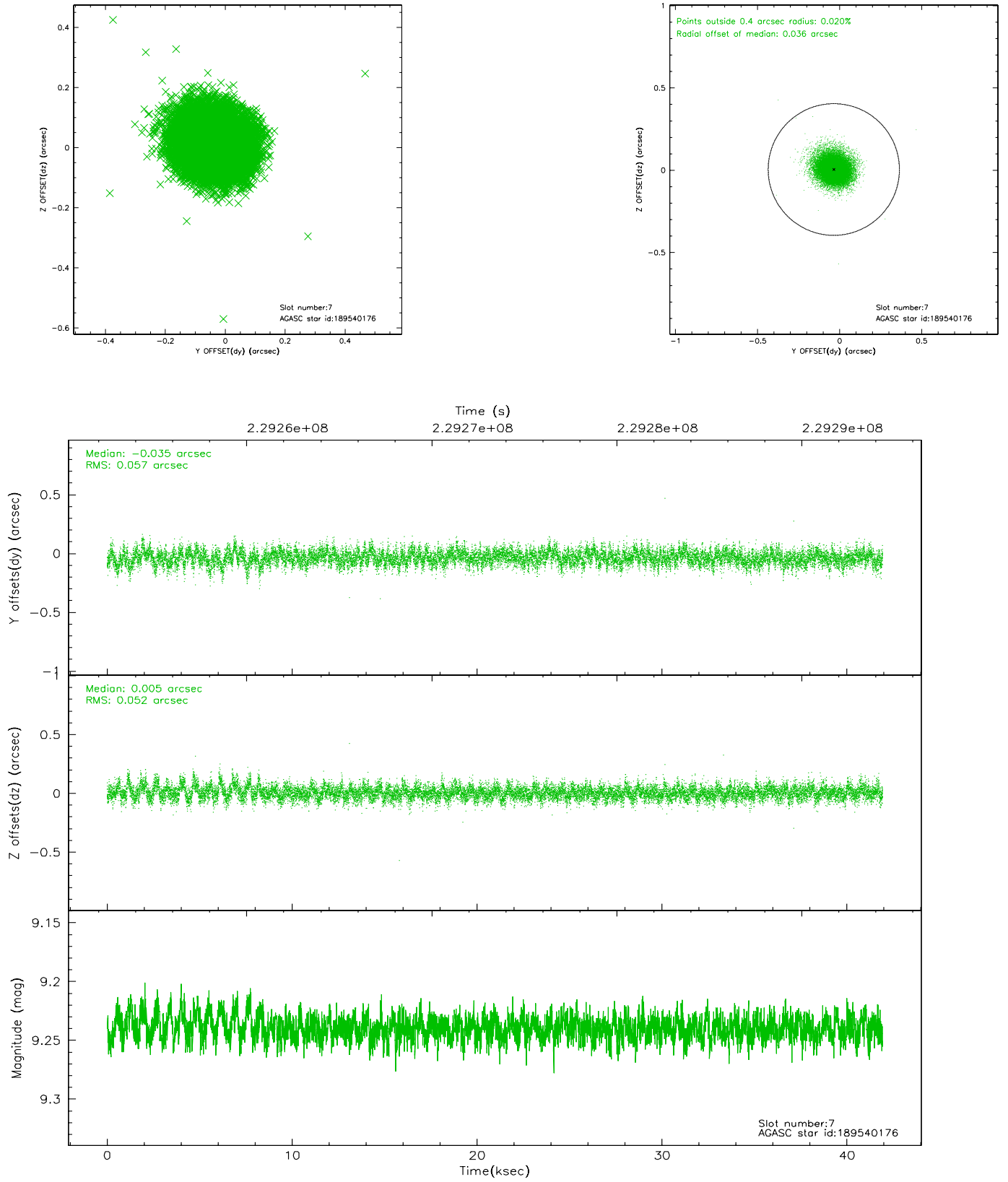
2.4.3 Slot 5



2.4.4 Slot 6

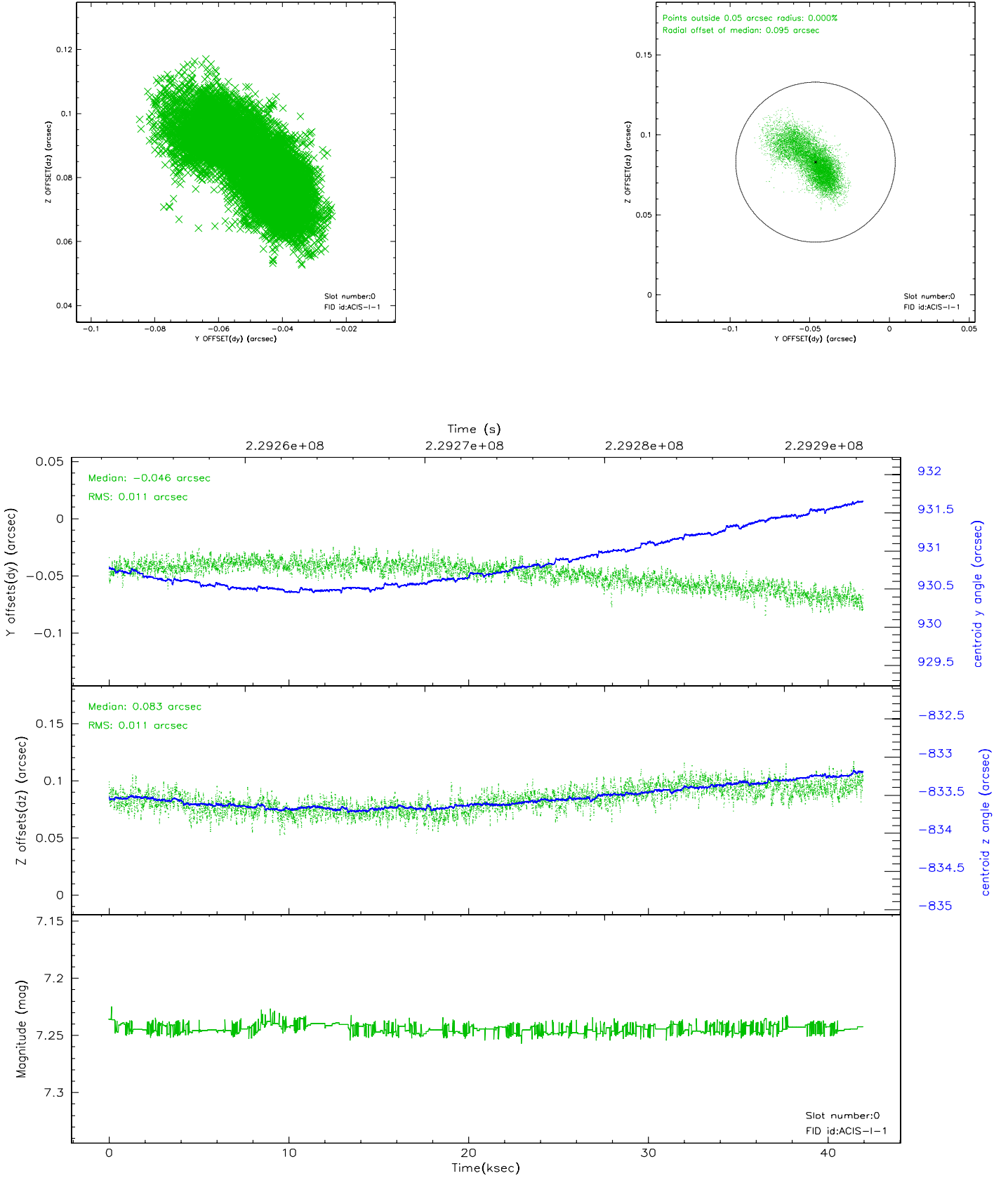


2.4.5 Slot 7

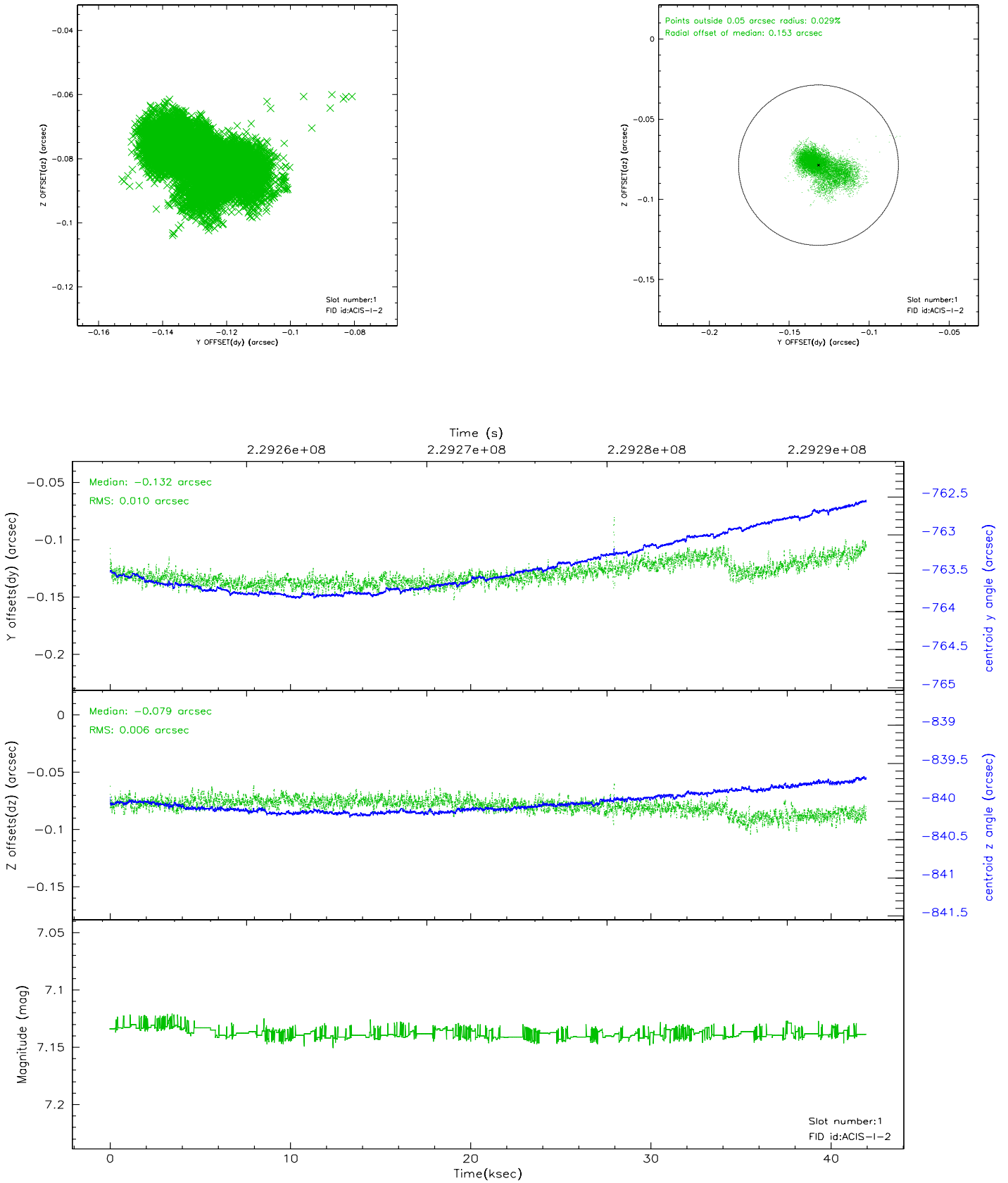


2.5 FID Slots

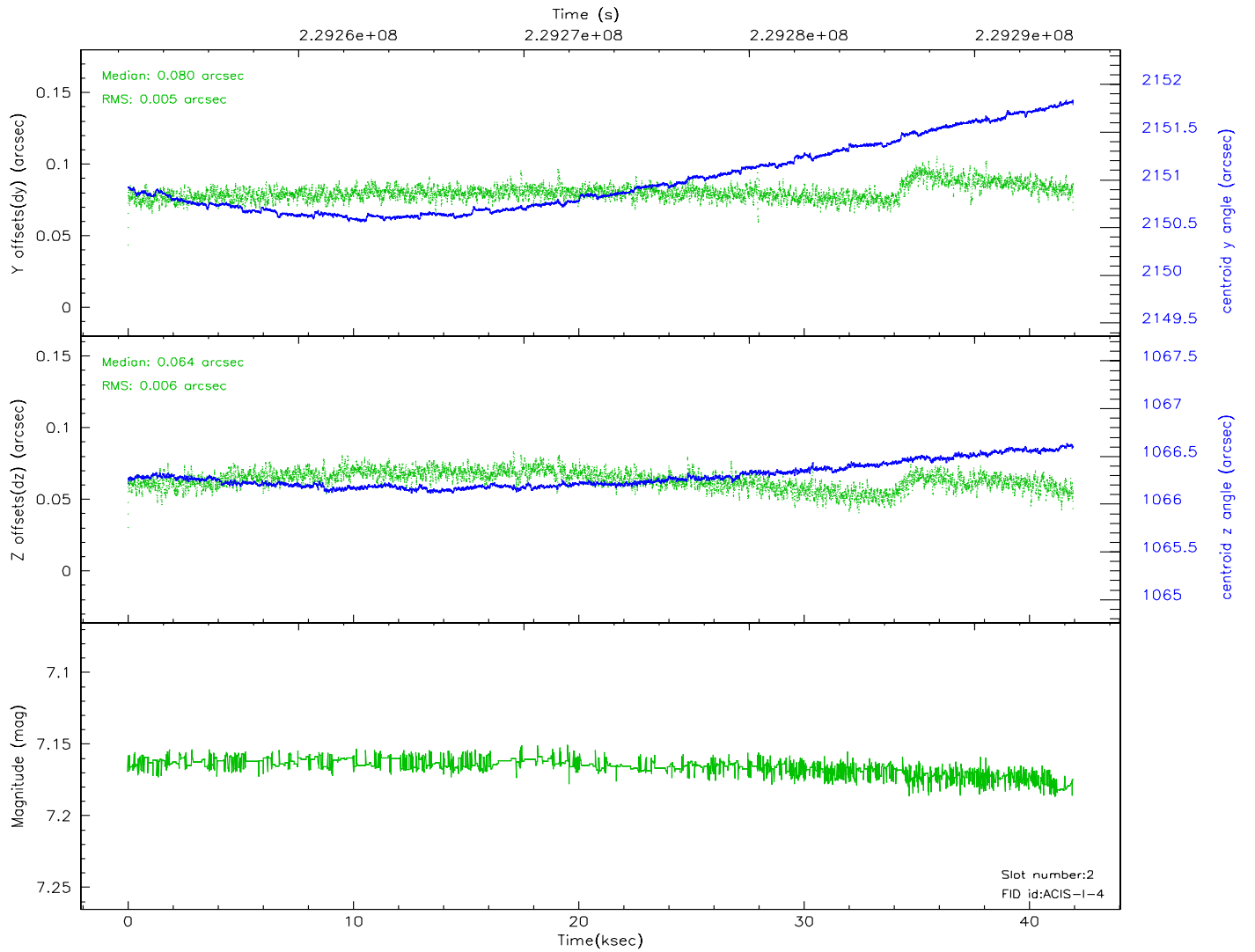
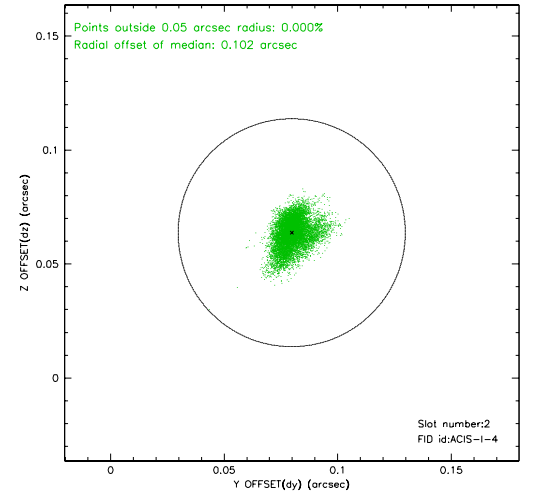
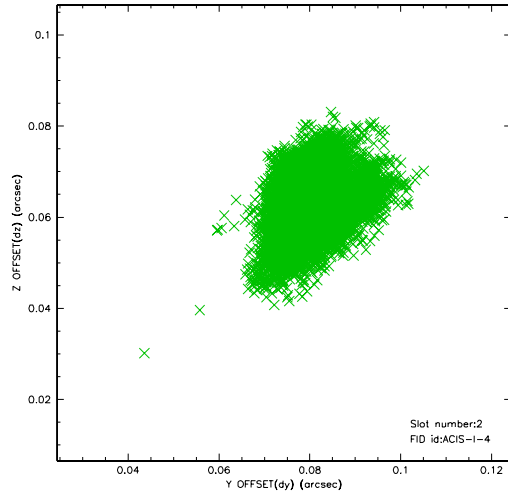
2.5.1 Slot 0



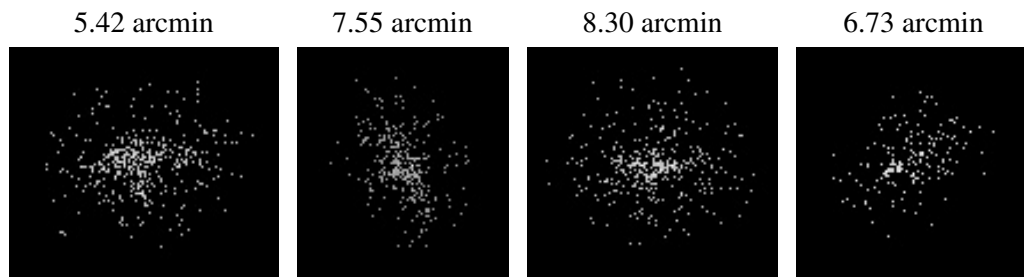
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	41.75389

A.2 Comments