

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2215 - L2 Version 001
Chandra X-Ray Center

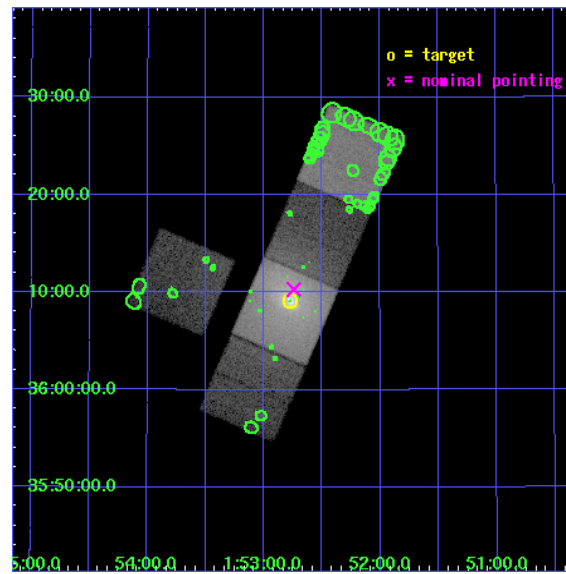
L2 Processing Date : Dec 15 2006

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1 Front

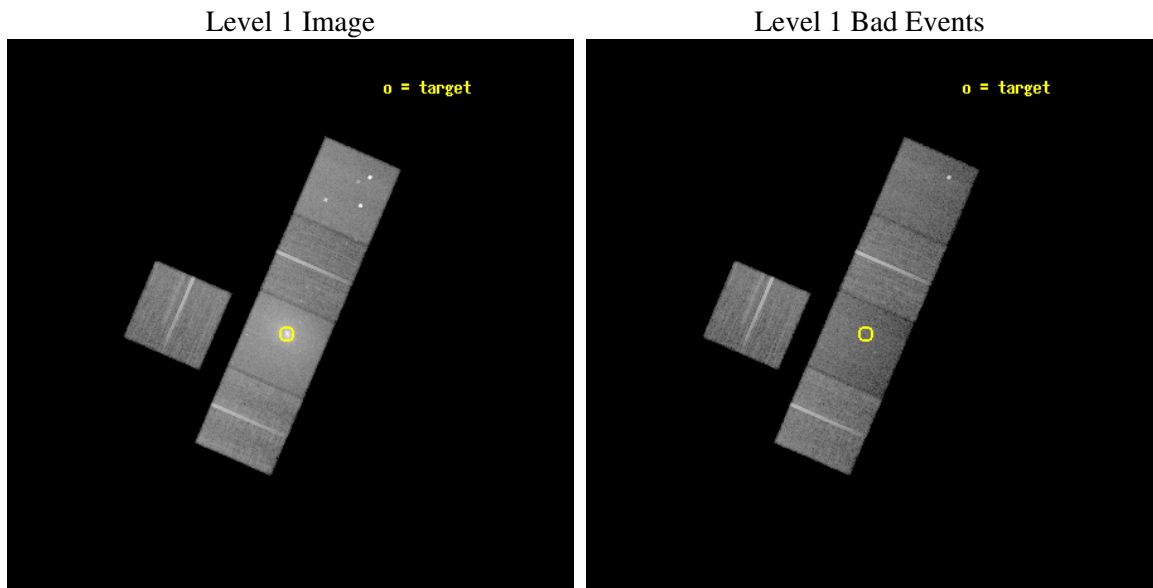
seq_num	800154
obs_id	2215
title	THE INTERACTION BETWEEN CLUSTER CENTRAL RADIO SOURCES AND COOLING FLOWS
observer	Dr. Craig Sarazin
object	A262
dtcycle	0
cycle	P
ra_targ	28.19375
dec_targ	36.152194
ra_nom	28.185557148631
dec_nom	36.171959311997
roll_nom	113.34146722131
revision	2
ontime	29124.499944001
livetime	28743.966911088
ontime3	29124.499944001
ontime5	29124.499944001
ontime6	29118.217993587
ontime7	29124.499944001
ontime8	29118.21801351
l2events	376702



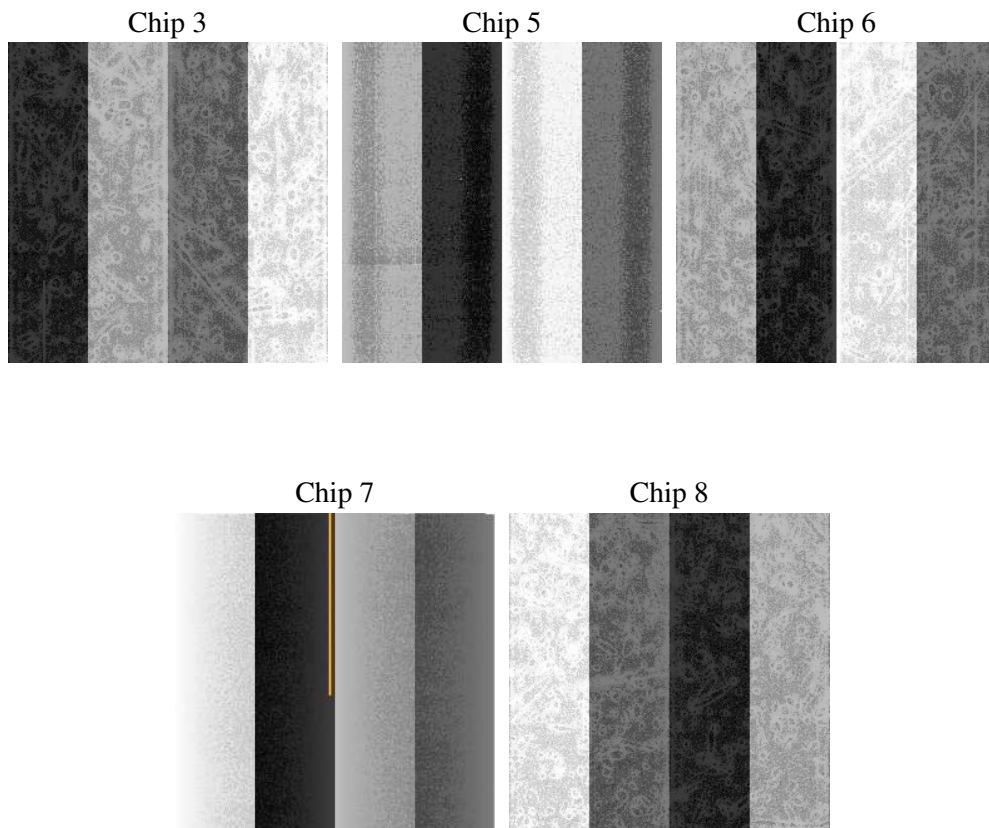
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-16T03:27:43
revision	2

sched_exp_time	29000.000000
ontime	30706.414468482
ontime3	30703.273508236
ontime5	30706.414468482
ontime6	30700.132518068
ontime7	30706.414468482
ontime8	30700.132518068
l1events	1121220

2.1.4 Events

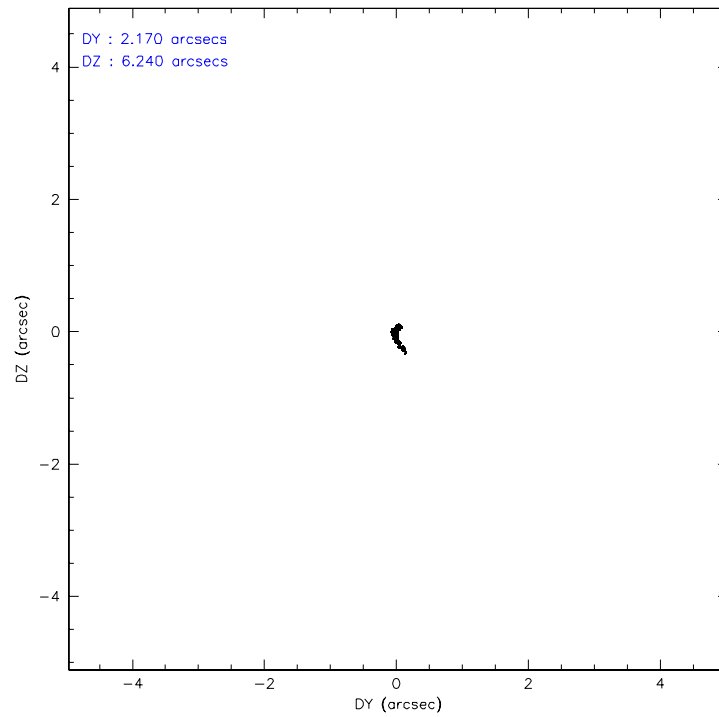
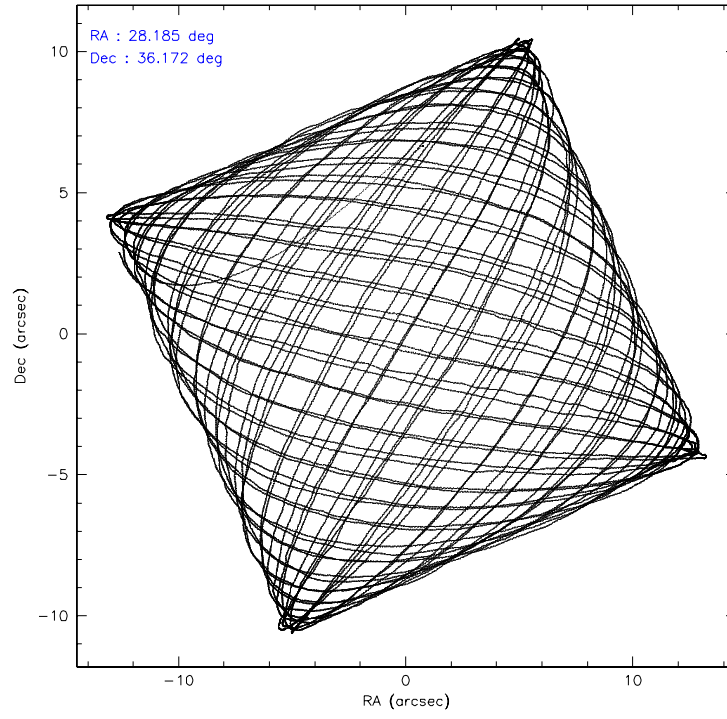
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	176563	227061	190697	311792	215107
rejected events	154418	116848	154731	105762	163332
rejected %	87%	51%	81%	33%	75%

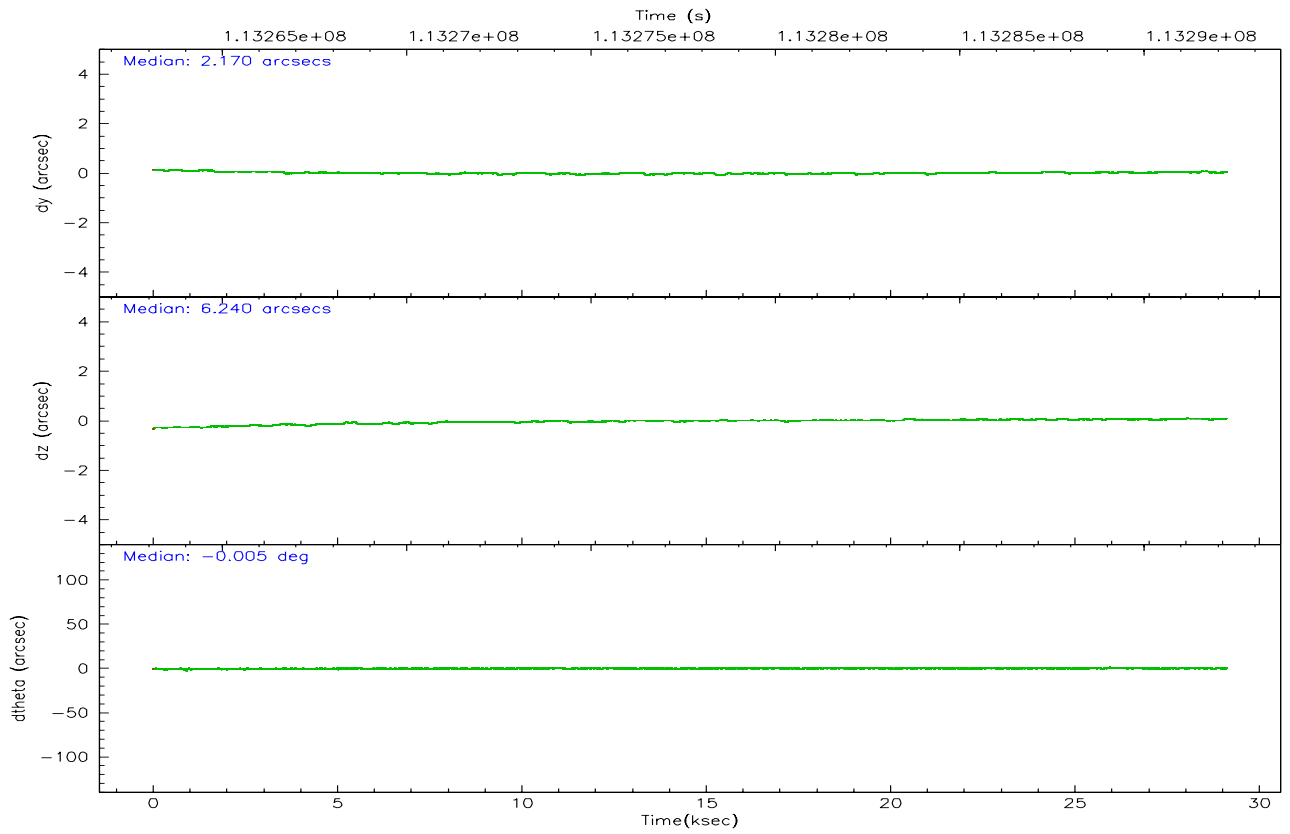
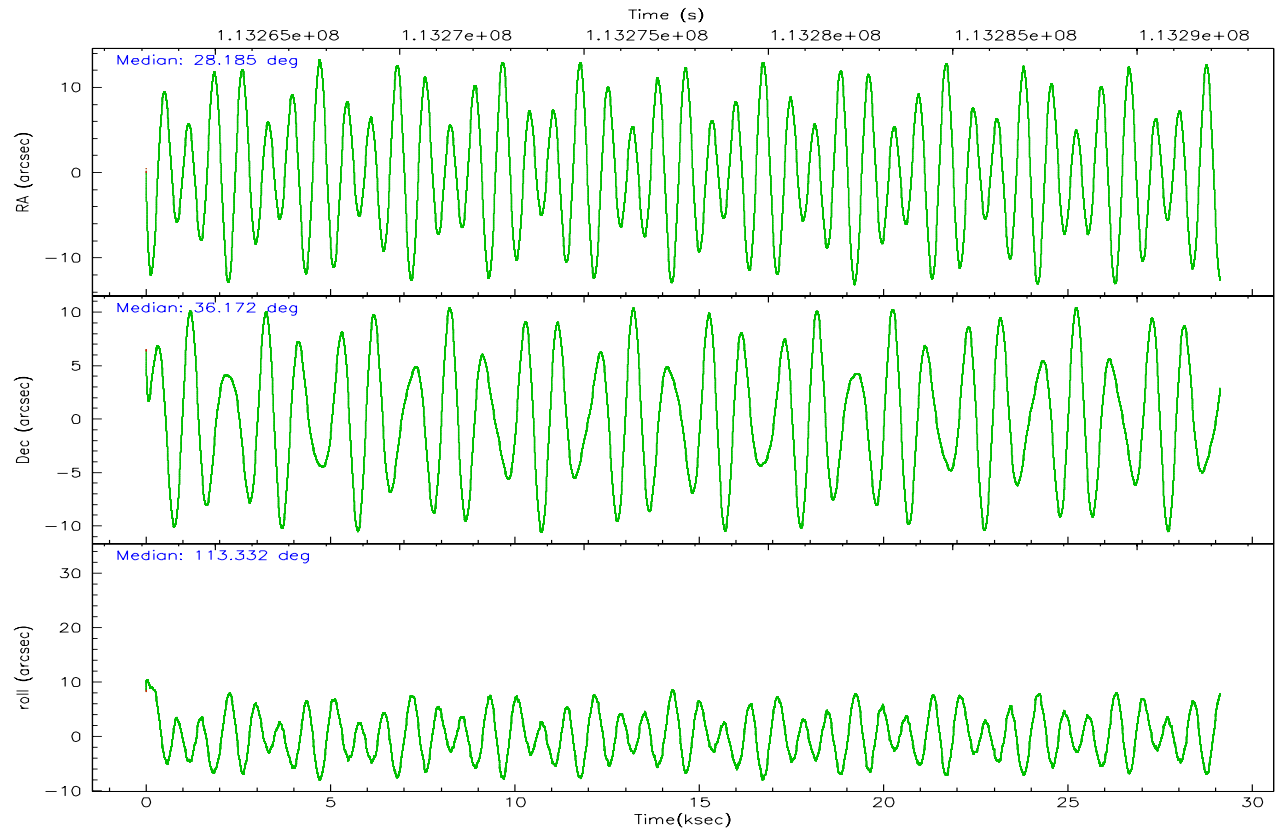
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11984	17660	23176	44533	22206
	6%	7%	12%	14%	10%
grade 1 events	107	2336	147	130	154
	0%	1%	0%	0%	0%
grade 2 events	3829	34746	5386	56704	10437
	2%	15%	2%	18%	4%
grade 3 events	1972	3315	2420	20253	5131
	1%	1%	1%	6%	2%
grade 4 events	1985	3317	2399	19931	4791
	1%	1%	1%	6%	2%
grade 5 events	5547	11713	6173	14518	8347
	3%	5%	3%	4%	3%
grade 6 events	3136	57159	3738	69301	11552
	1%	25%	1%	22%	5%
grade 7 events	148003	96815	147258	86422	152489
	83%	42%	77%	27%	70%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	28.212883	28.1855571486311	Subarray requested	NONE	NONE
Pointing Dec	36.155910	36.17195931199652	Alternating exposures requested	N	N
Pointing Roll	113.168713	113.3414672213142	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	113263247.184000	113261481.55891			
Observation start date	2001-08-03T21:59:43	2001-08-03T21:31:21			
Observation end time	113292247.184000	113293357.52267			
Observation end date	2001-08-04T06:03:03	2001-08-04T06:22:37			
Read mode	TIMED	TIMED			

2.3 Aspect



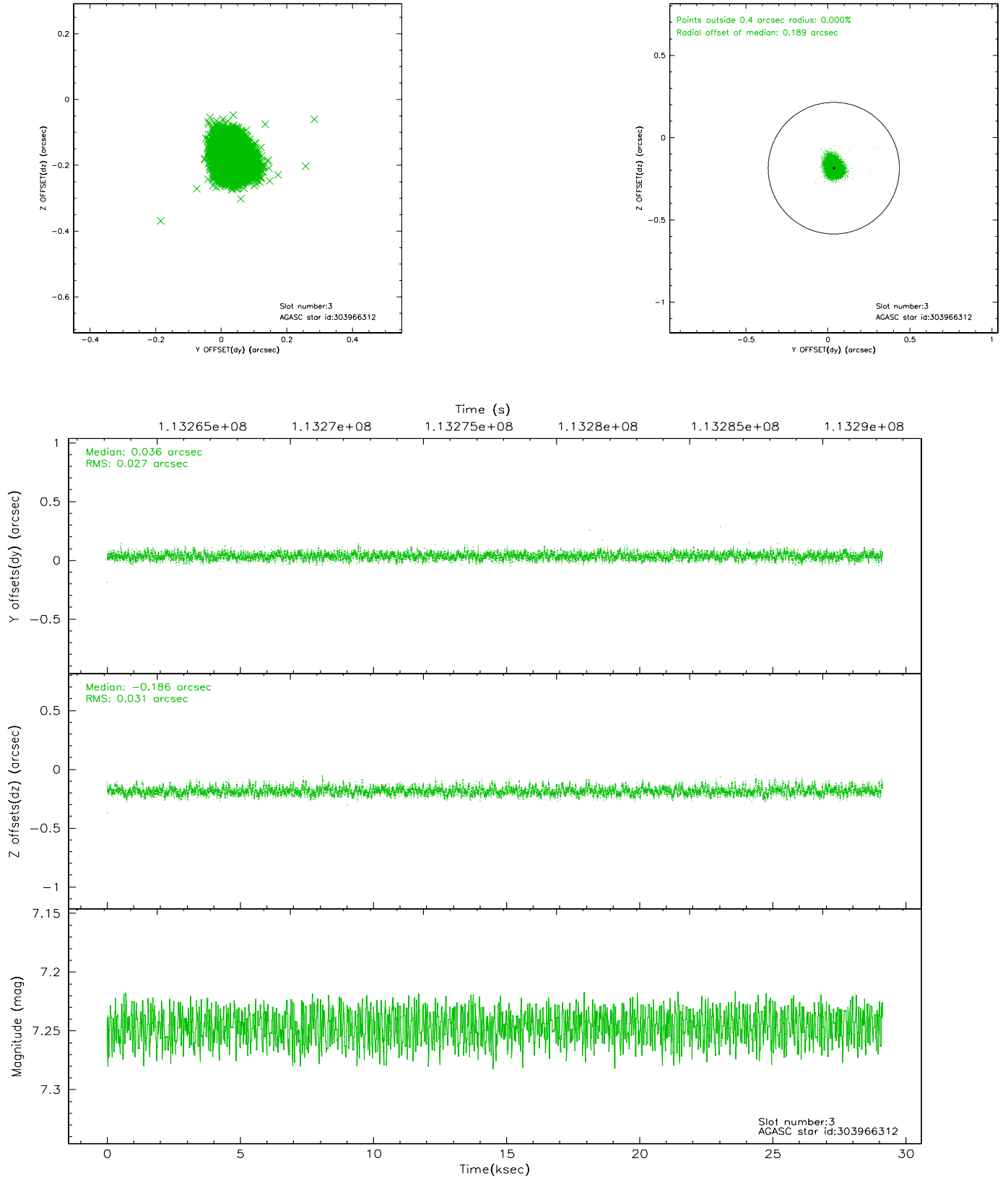


Slot Statistics

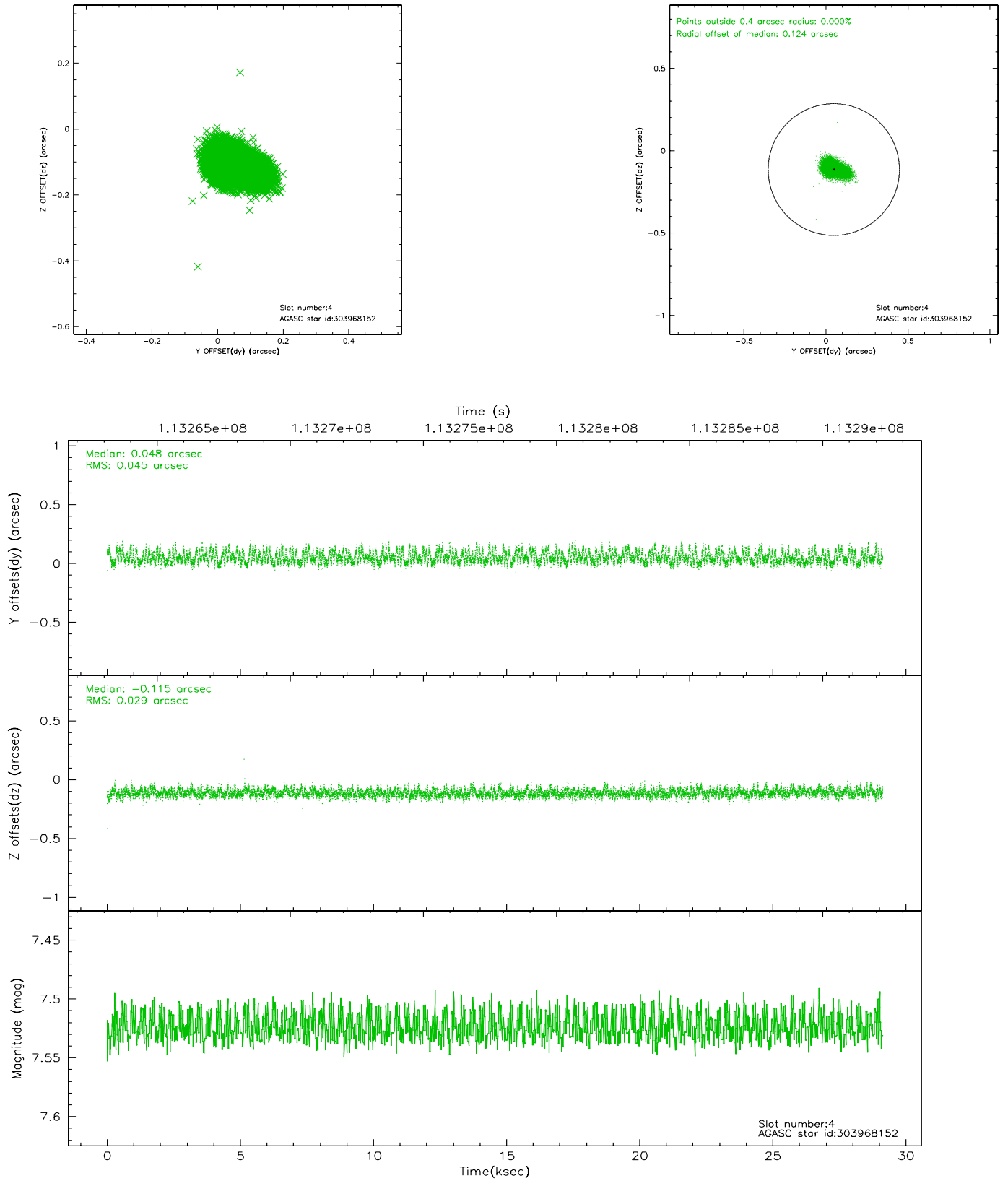
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	7106	-0.027	0.023	0.007	0.011	0.000000	0.000000	-754.78	-1727.34
1	FID	ACIS-S-4	7.20	7106	-0.075	0.007	0.005	0.009	0.000000	0.000000	2158.37	181.10
2	FID	ACIS-S-5	7.24	7105	0.071	-0.021	0.006	0.010	0.000000	0.000000	-1807.47	174.75
3	GUIDE	303966312	7.25	14210	0.036	-0.186	0.043	0.071	27.721207	35.845006	-462.15	1757.76
4	GUIDE	303968152	7.52	14211	0.048	-0.115	0.058	0.094	27.917944	35.666074	-1281.53	1486.19
5	GUIDE	303959464	8.19	14211	-0.039	-0.078	0.057	0.091	27.686727	36.051336	259.11	1554.47
6	GUIDE	303967320	8.40	14205	0.055	0.234	0.068	0.110	28.812073	36.002246	-1190.62	-1388.63
7	GUIDE	303961216	9.27	14196	-0.107	0.145	0.094	0.160	28.660393	37.005124	2306.74	-2386.43

2.4 Star Slots

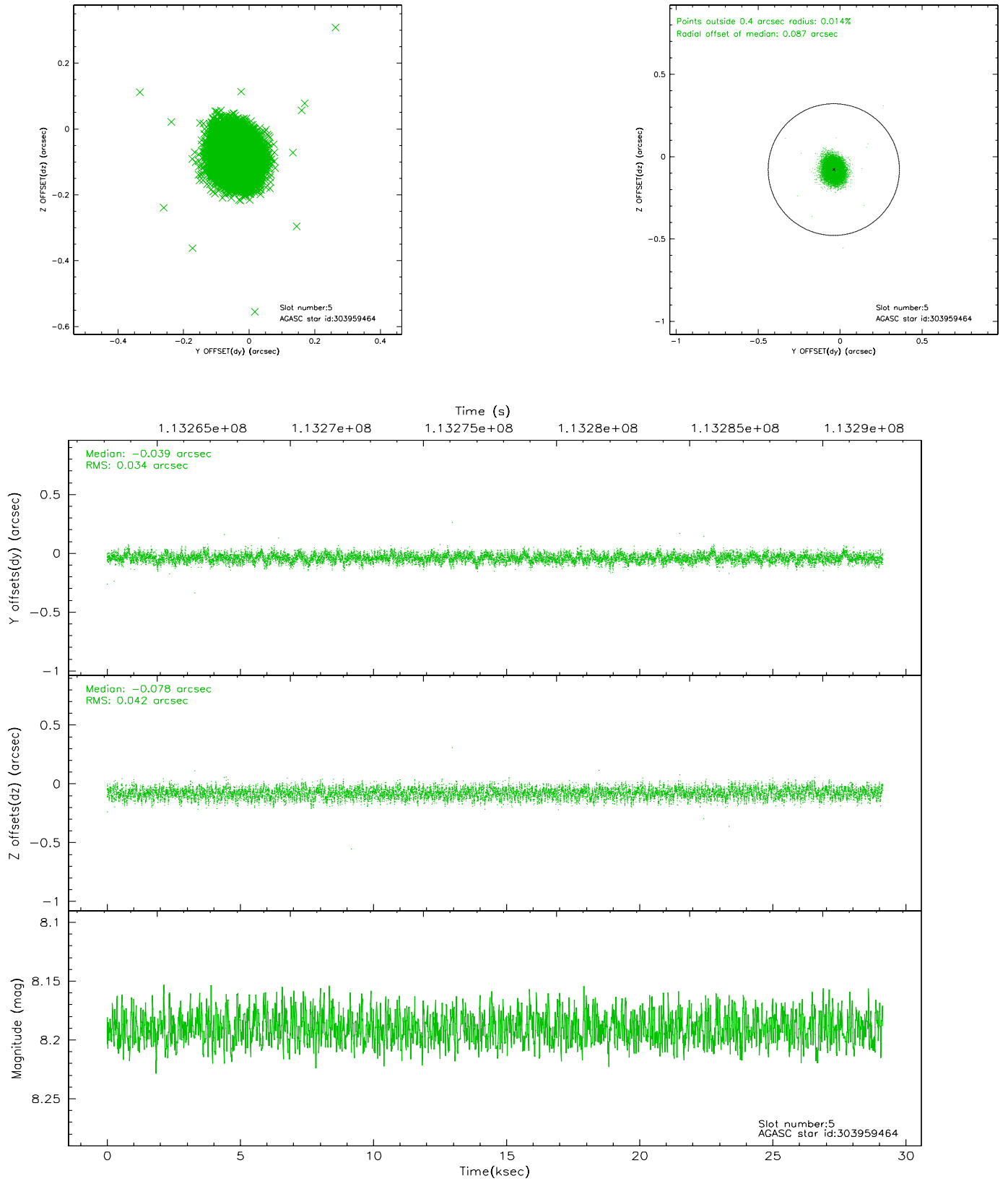
2.4.1 Slot 3



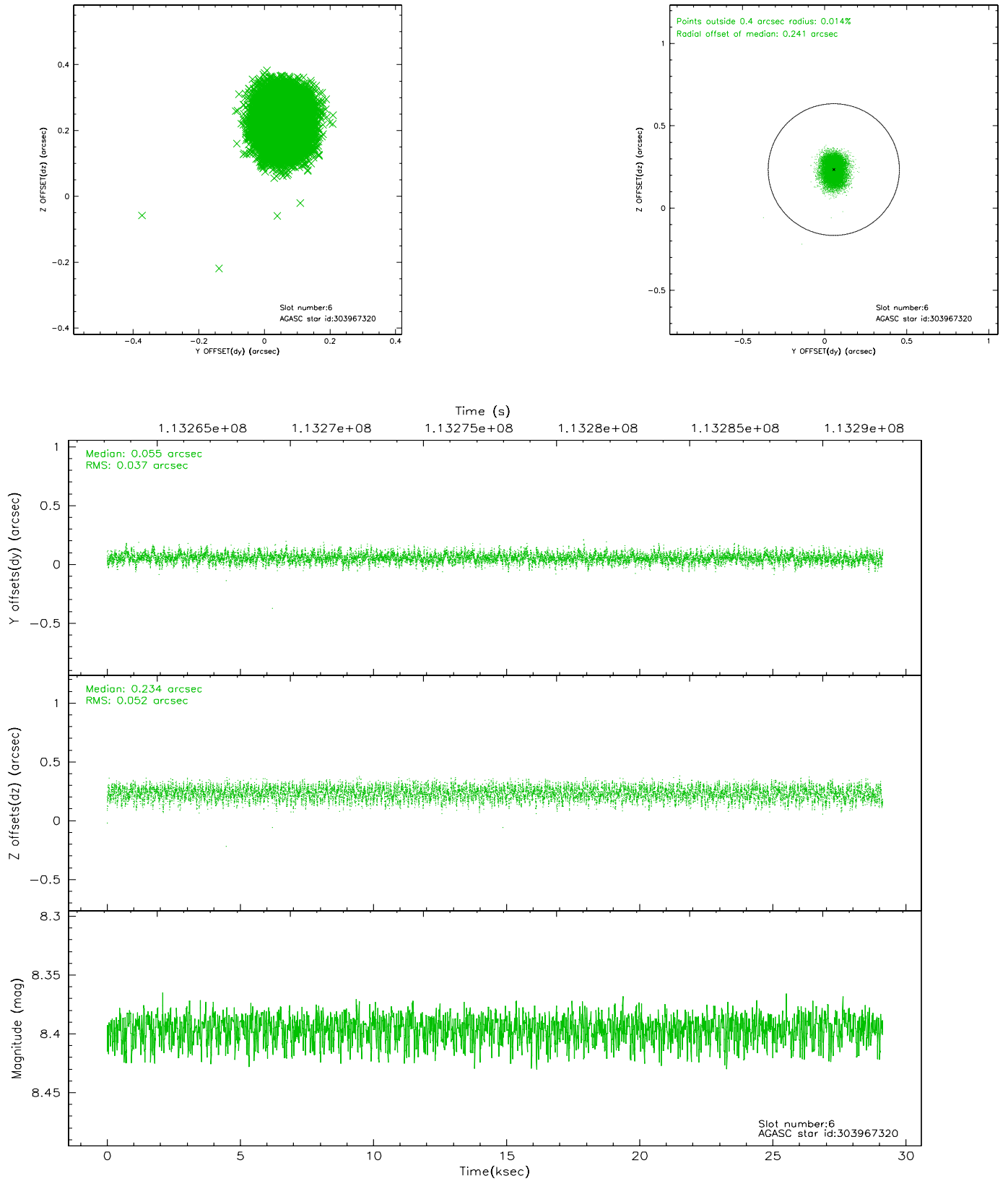
2.4.2 Slot 4



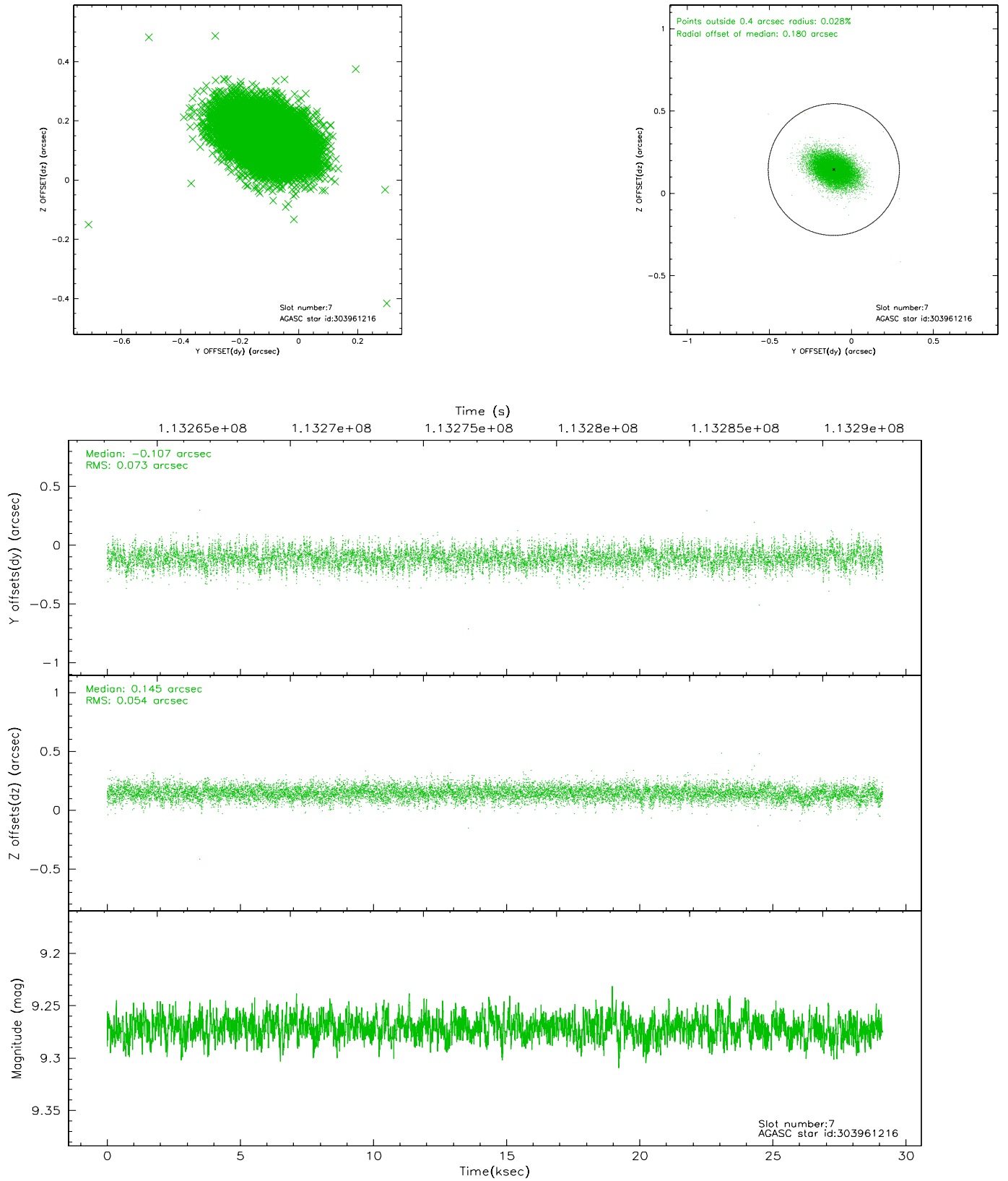
2.4.3 Slot 5



2.4.4 Slot 6

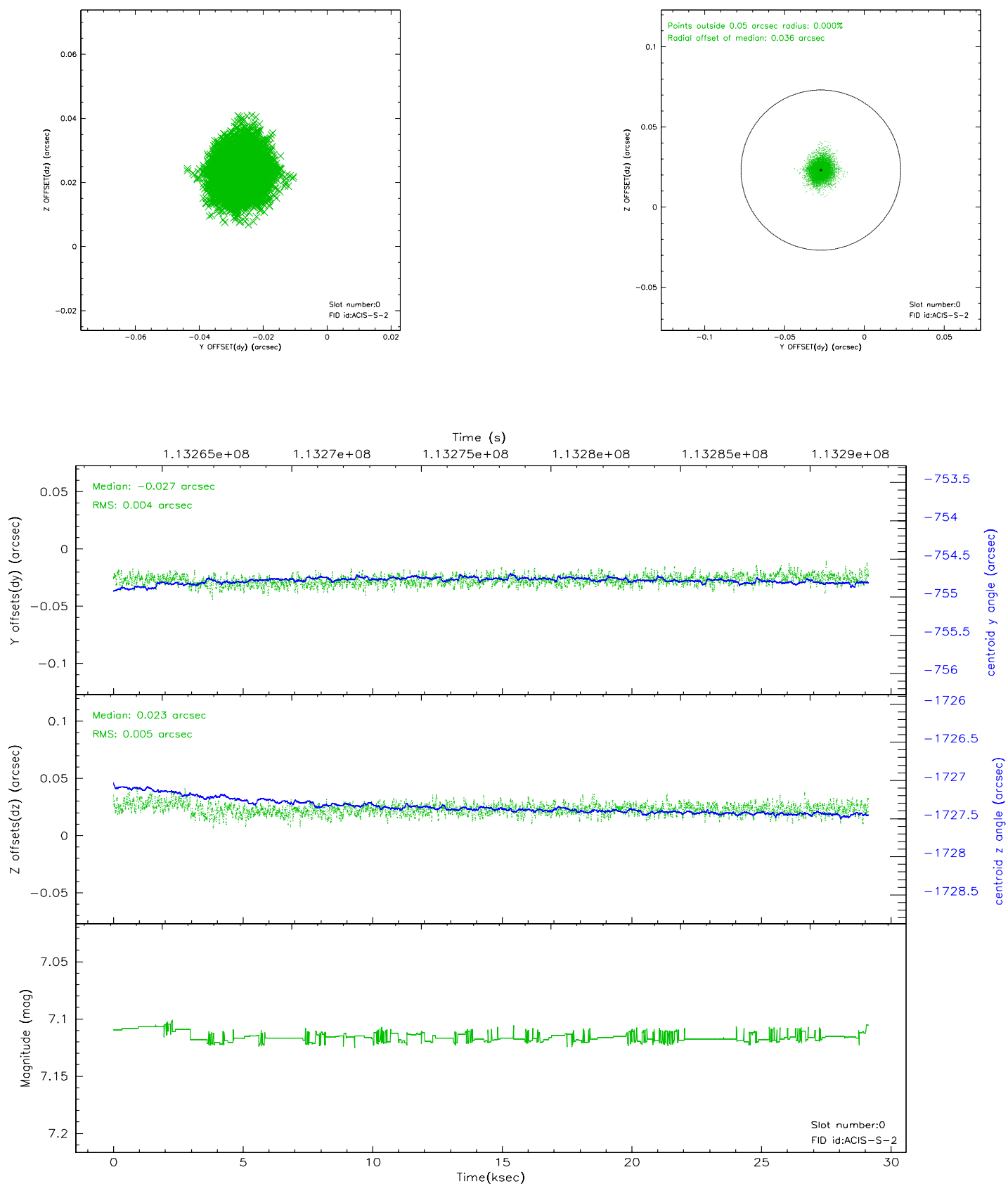


2.4.5 Slot 7

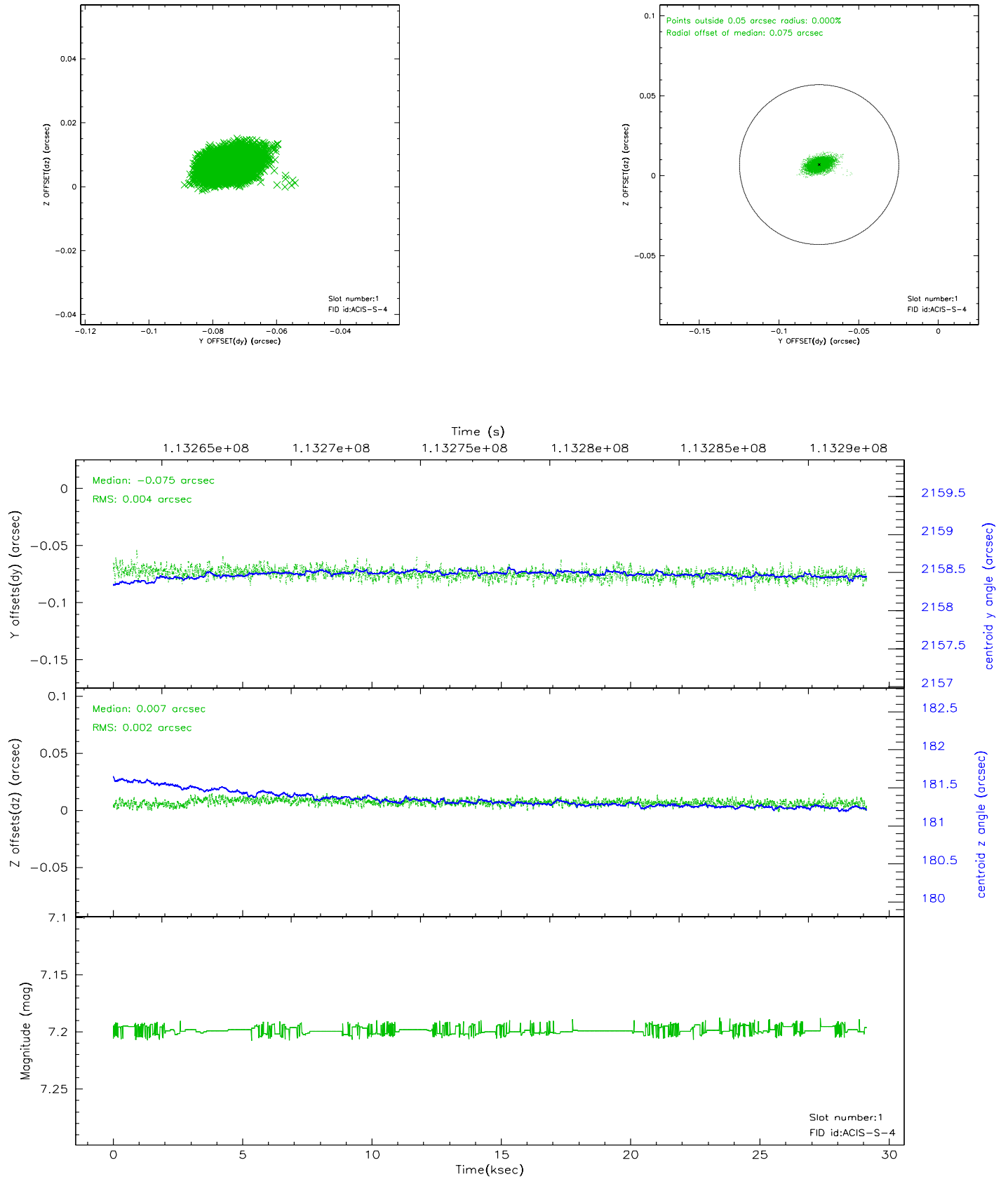


2.5 FID Slots

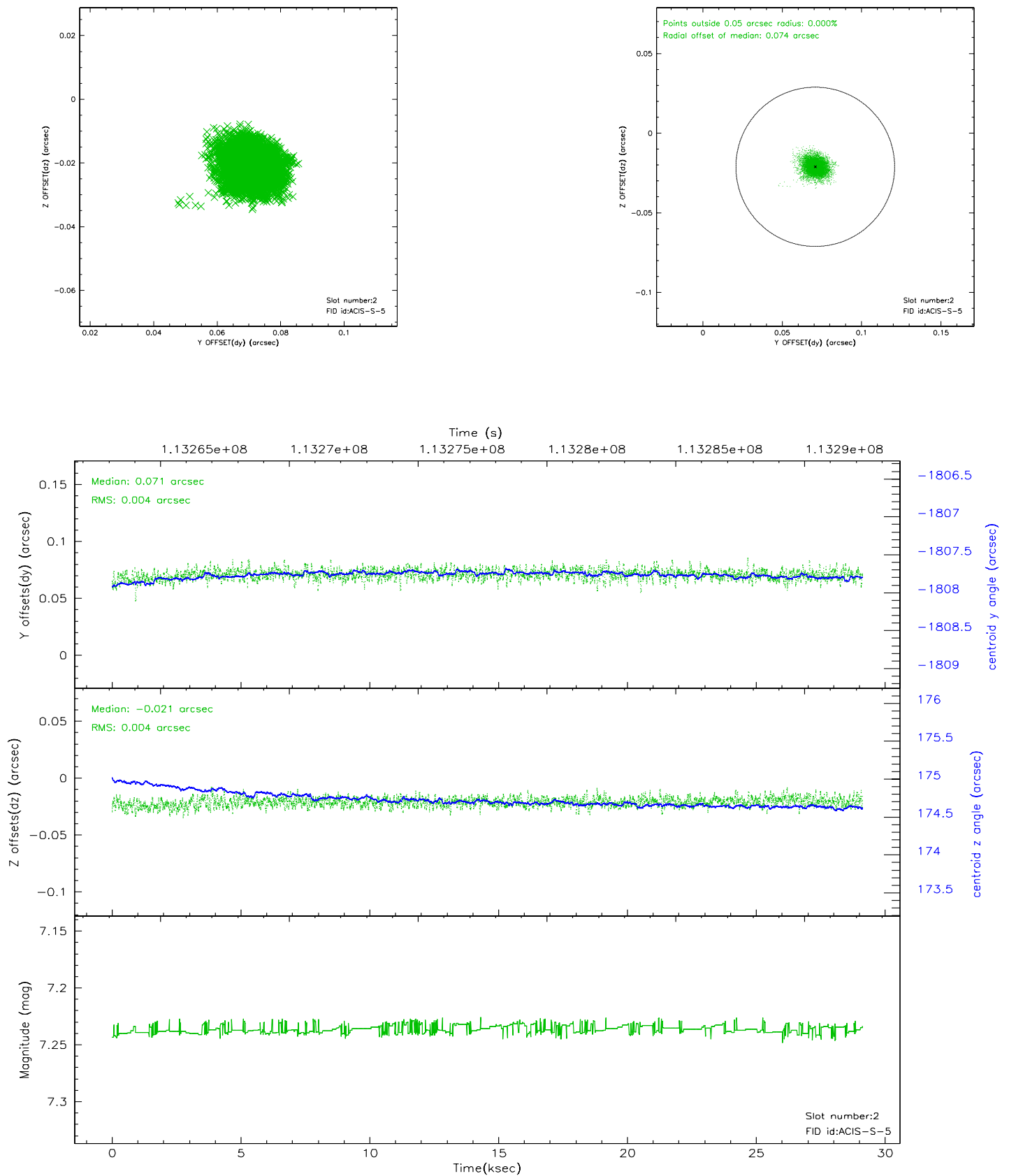
2.5.1 Slot 0



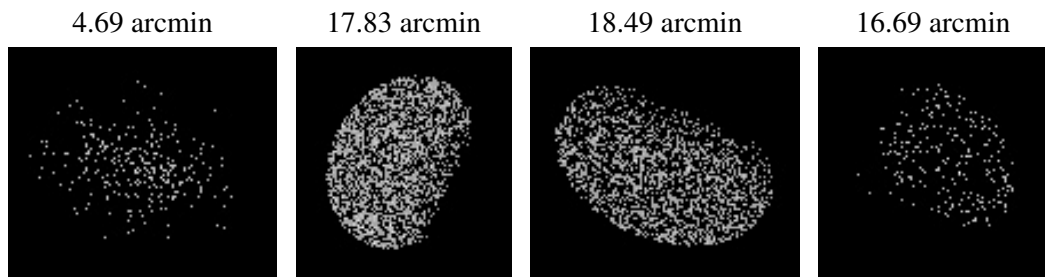
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.124

A.2 Comments