

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5302 - L2 Version 001
Chandra X-Ray Center

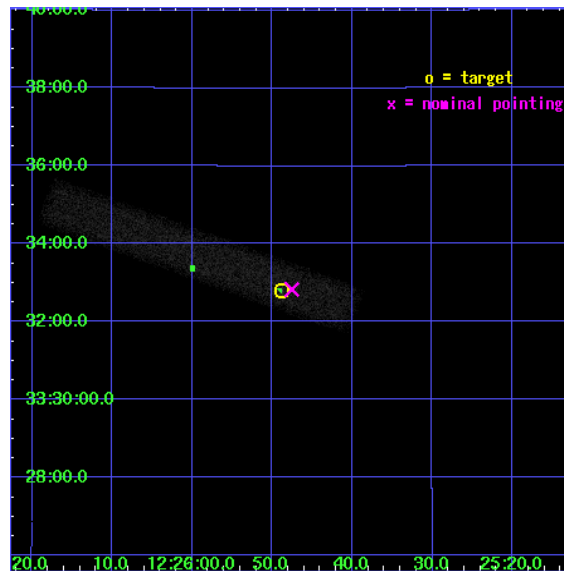
L2 Processing Date : May 25 2006

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1 Front

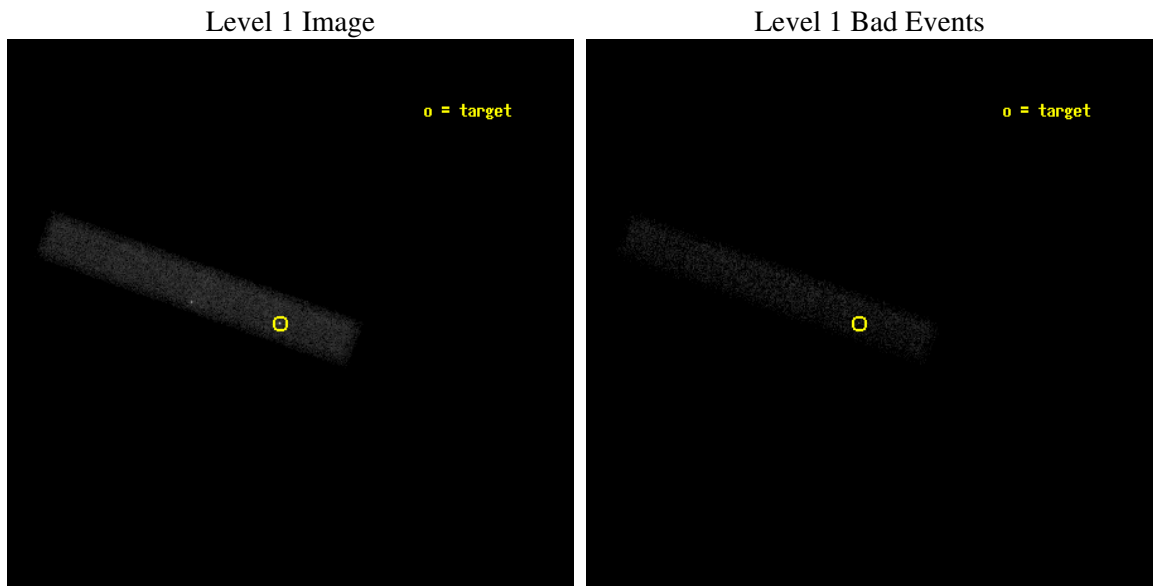
seq_num	701014
obs_id	5302
title	Multiwavelength Reverberation Mapping of NGC 4395, the Least Luminous Seyfert 1 Galaxy
observer	Dr. Edward Moran
object	NGC 4395
dtcycle	0
cycle	P
ra_targ	186.453333
dec_targ	33.546944
ra_nom	186.44813048597
dec_nom	33.547187174832
roll_nom	199.46923071278
revision	3
ontime	31121.600463748
livetime	28225.648887854
ontime7	31121.600463748
l2events	23776



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-25T09:43:33
revision	3

sched_exp_time	30987.553000
ontime	32446.544418007
ontime7	32446.544418007
l1events	48939

2.1.4 Events

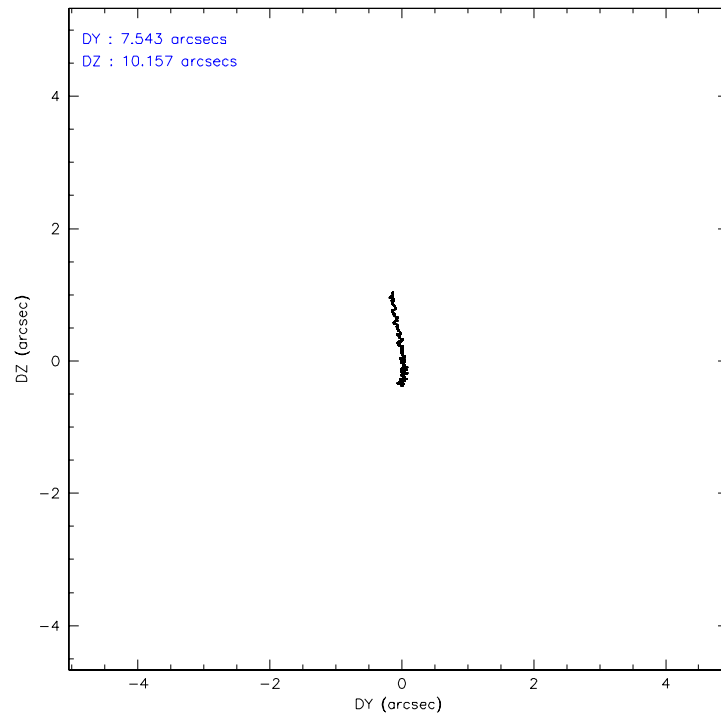
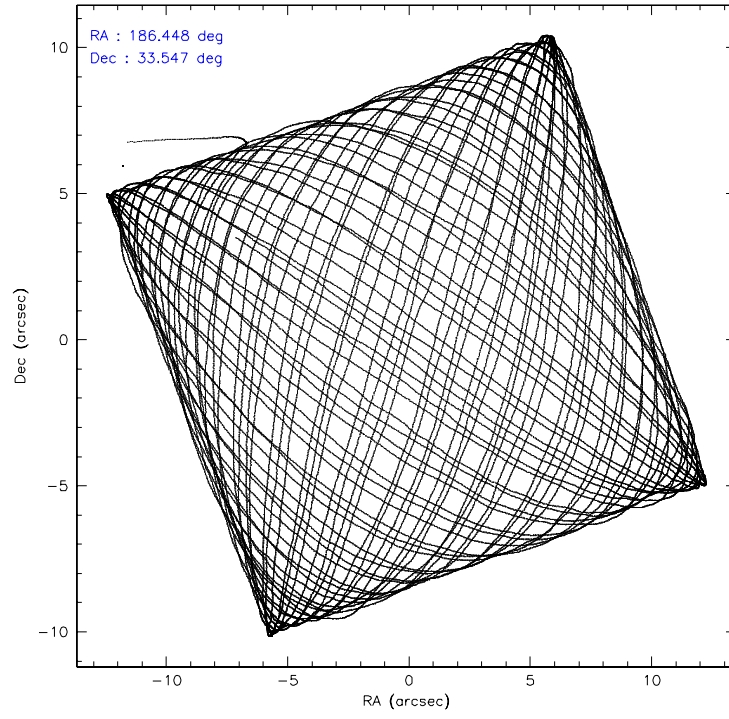
	ccd 7
level 1 events	48939
rejected events	24356
rejected %	49%

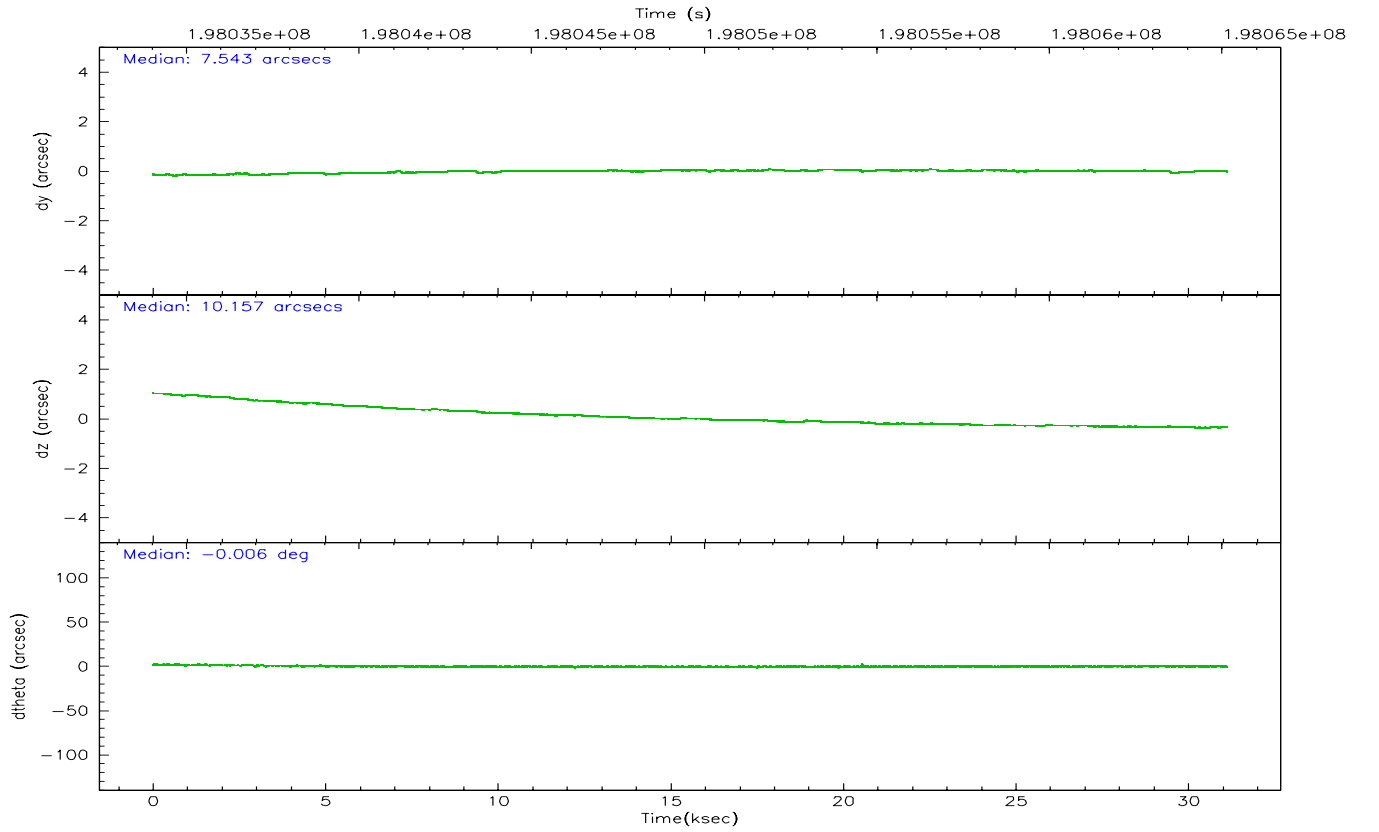
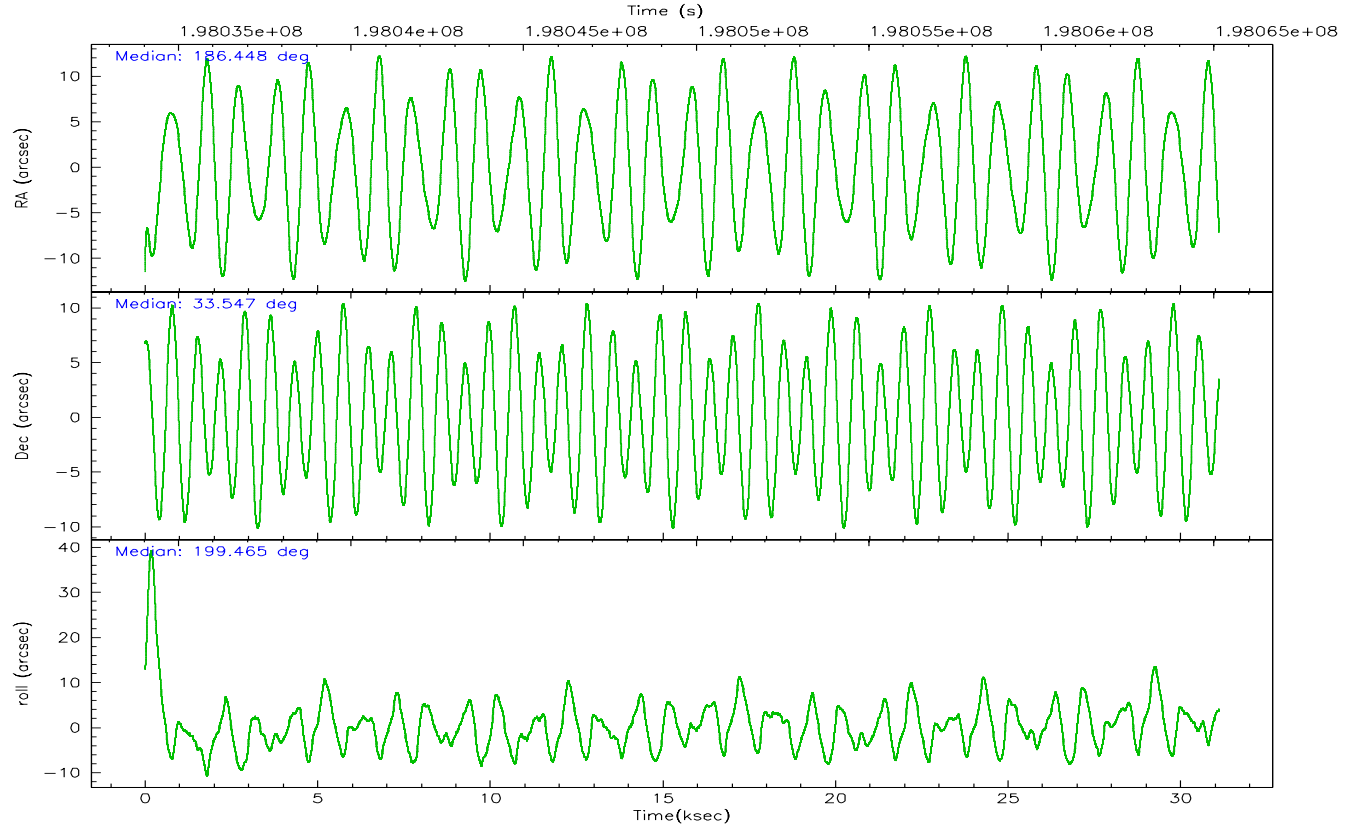
	ccd 7
grade 0 events	2467
	5%
grade 1 events	26
	0%
grade 2 events	5877
	12%
grade 3 events	2398
	4%
grade 4 events	2309
	4%
grade 5 events	3021
	6%
grade 6 events	12329
	25%
grade 7 events	20512
	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	1/8	1/8
Pointing RA	186.469017	186.4481304859688	Subarray start row	0	449
Pointing Dec	33.568119	33.54718717483204	Subarray row count	1024	128
Pointing Roll	199.301065	199.4692307127833	Alternating exposures requested	N	N
Window start time	198031264.184000	198031264.184000	Primary exposure time	0.000000	0.4
Window stop time	198082084.184000	198082084.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	198034161.184000	198032702.76753			
Observation start date	2004-04-11T01:28:17	2004-04-11T01:05:02			
Observation end time	198065148.184000	198065463.30648			
Observation end date	2004-04-11T10:04:44	2004-04-11T10:11:03			
Read mode	TIMED	TIMED			

2.3 Aspect



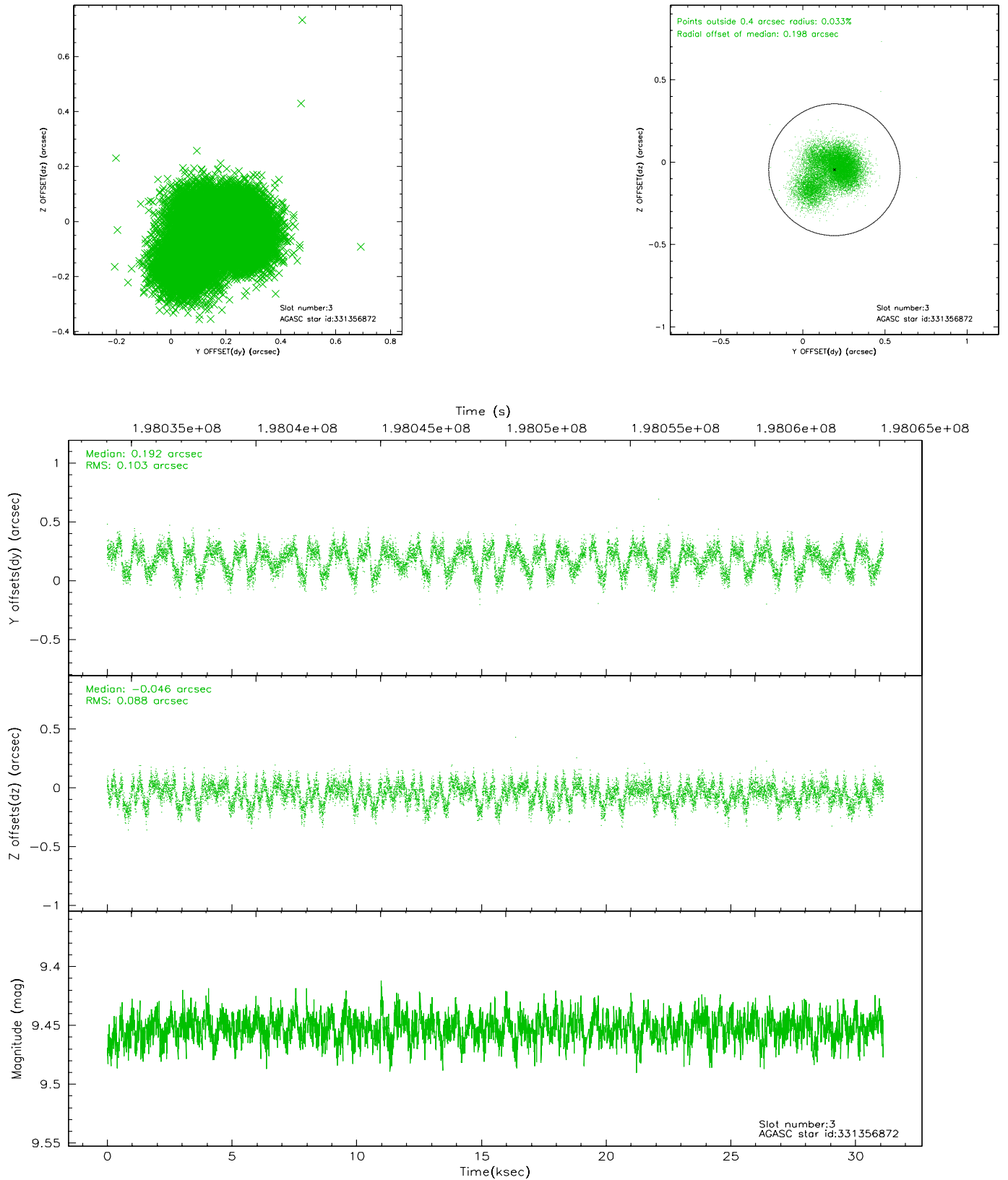


Slot Statistics

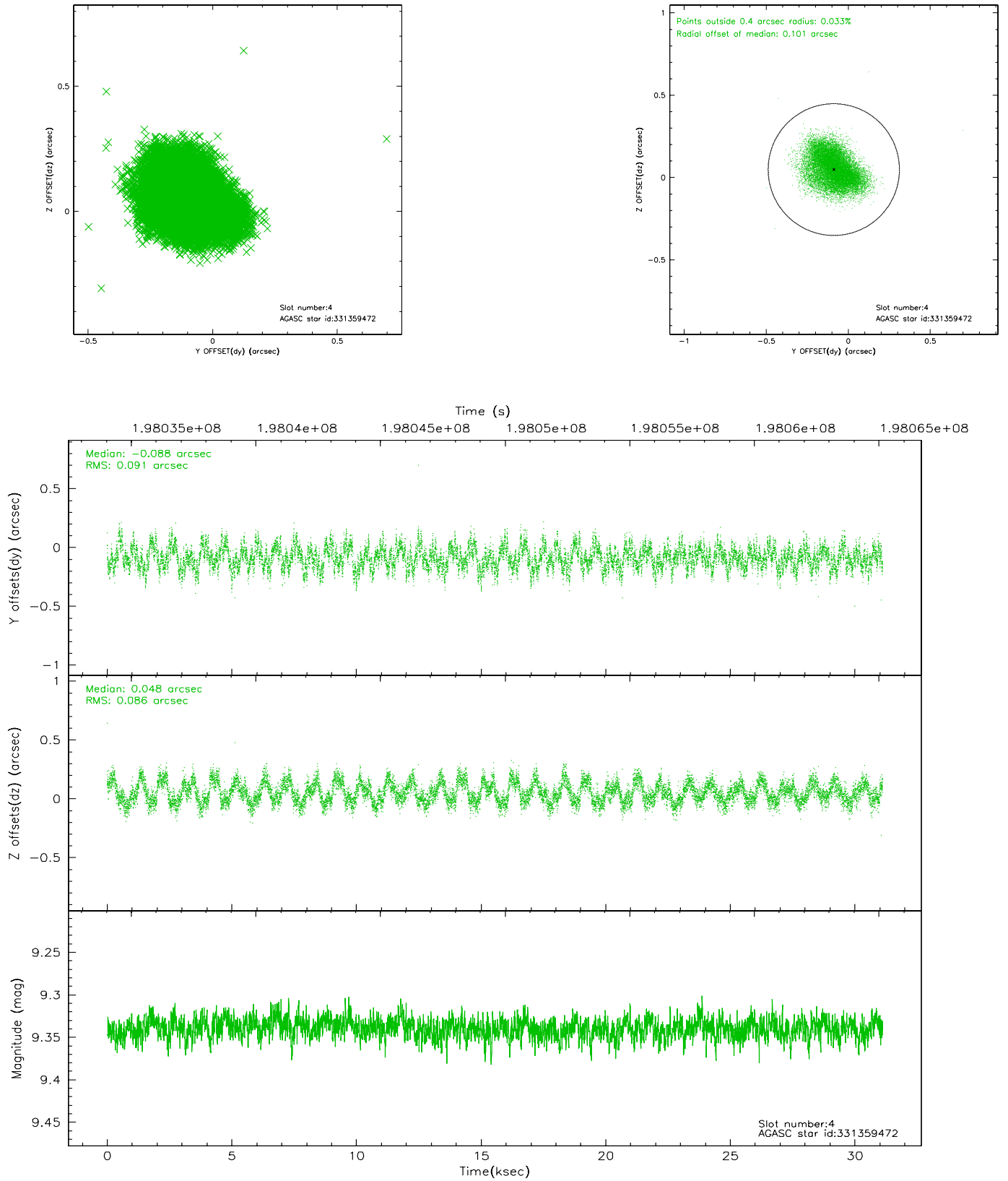
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	7591	0.001	-0.012	0.015	0.035	0.000000	0.000000	935.75	-1727.11
1	FID	ACIS-S-4	7.21	7591	0.028	0.012	0.012	0.029	0.000000	0.000000	2153.20	177.02
2	FID	ACIS-S-5	7.23	7592	-0.056	0.013	0.010	0.019	0.000000	0.000000	-1813.11	170.66
3	GUIDE	331356872	9.45	15110	0.192	-0.046	0.144	0.236	186.232000	33.528992	718.09	-102.64
4	GUIDE	331359472	9.34	15174	-0.088	0.048	0.135	0.208	187.224794	33.172746	-1681.54	2088.66
5	GUIDE	331361424	10.44	15129	-0.105	-0.028	0.184	0.299	187.160339	33.746695	-2167.83	71.05
6	GUIDE	331361712	10.86	15121	0.137	0.122	0.237	0.388	185.925565	32.976353	2251.97	1464.75
7	GUIDE	331359824	9.90	15165	-0.113	-0.104	0.144	0.234	185.748520	33.293976	2370.39	208.30

2.4 Star Slots

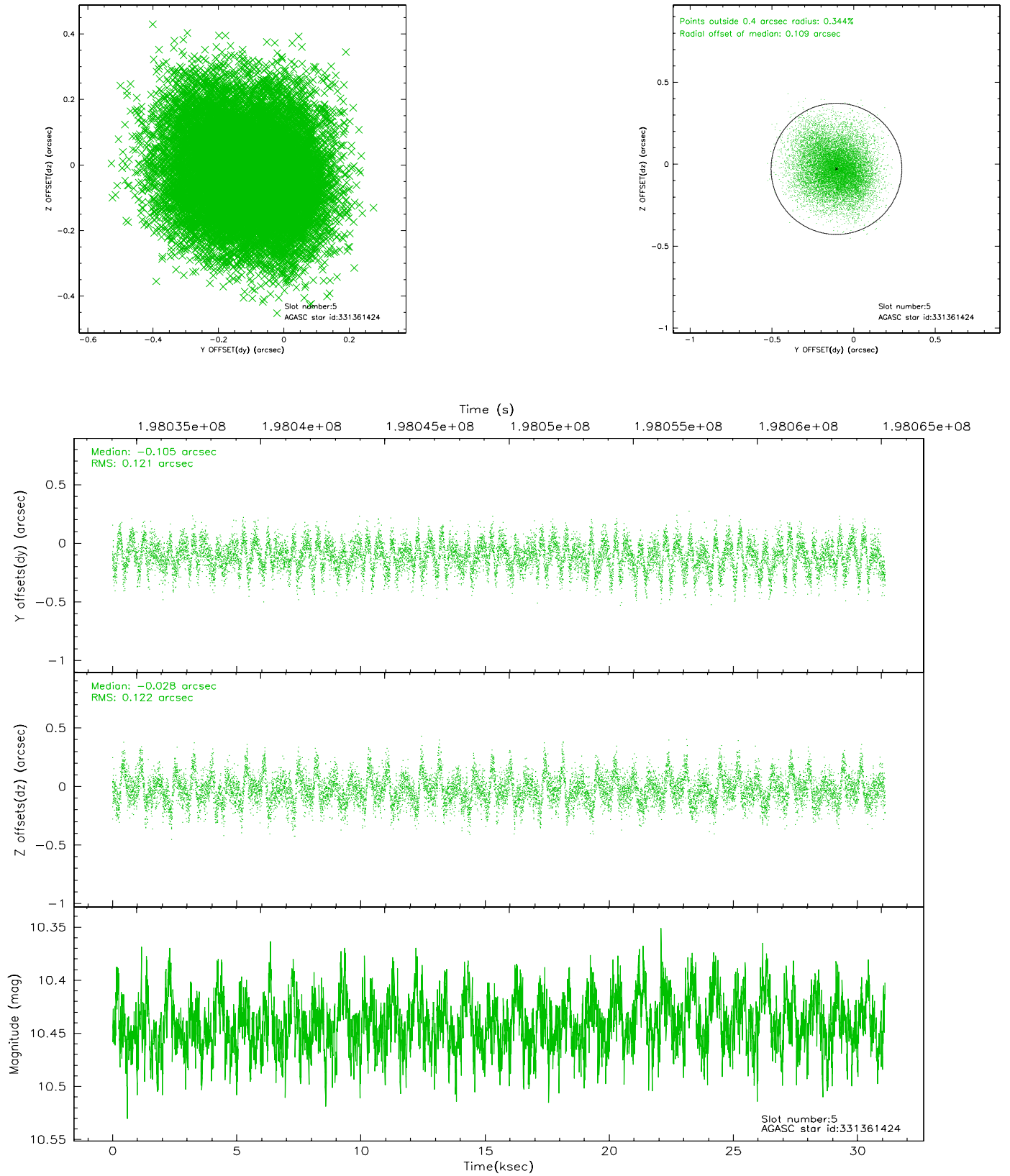
2.4.1 Slot 3



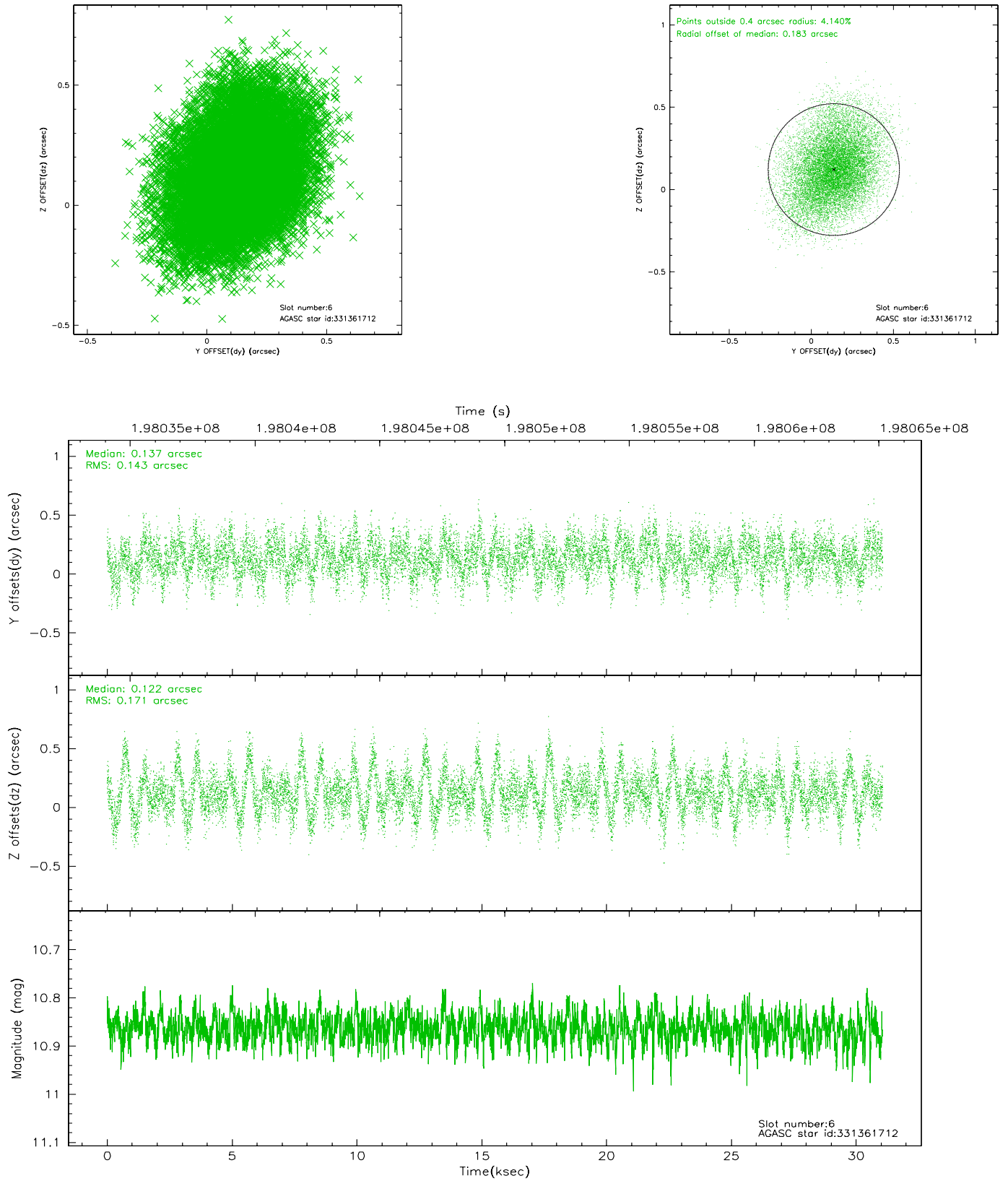
2.4.2 Slot 4



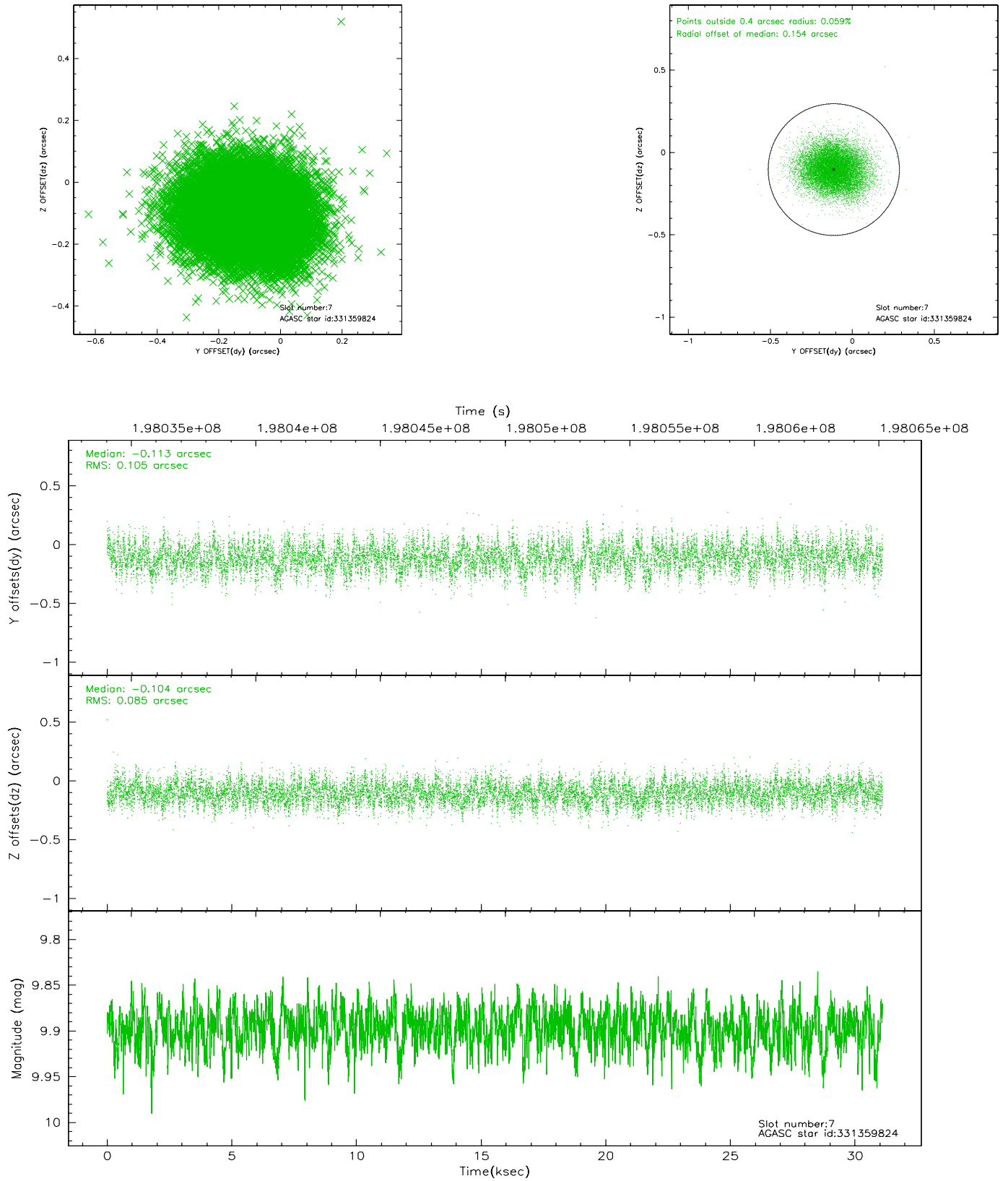
2.4.3 Slot 5



2.4.4 Slot 6

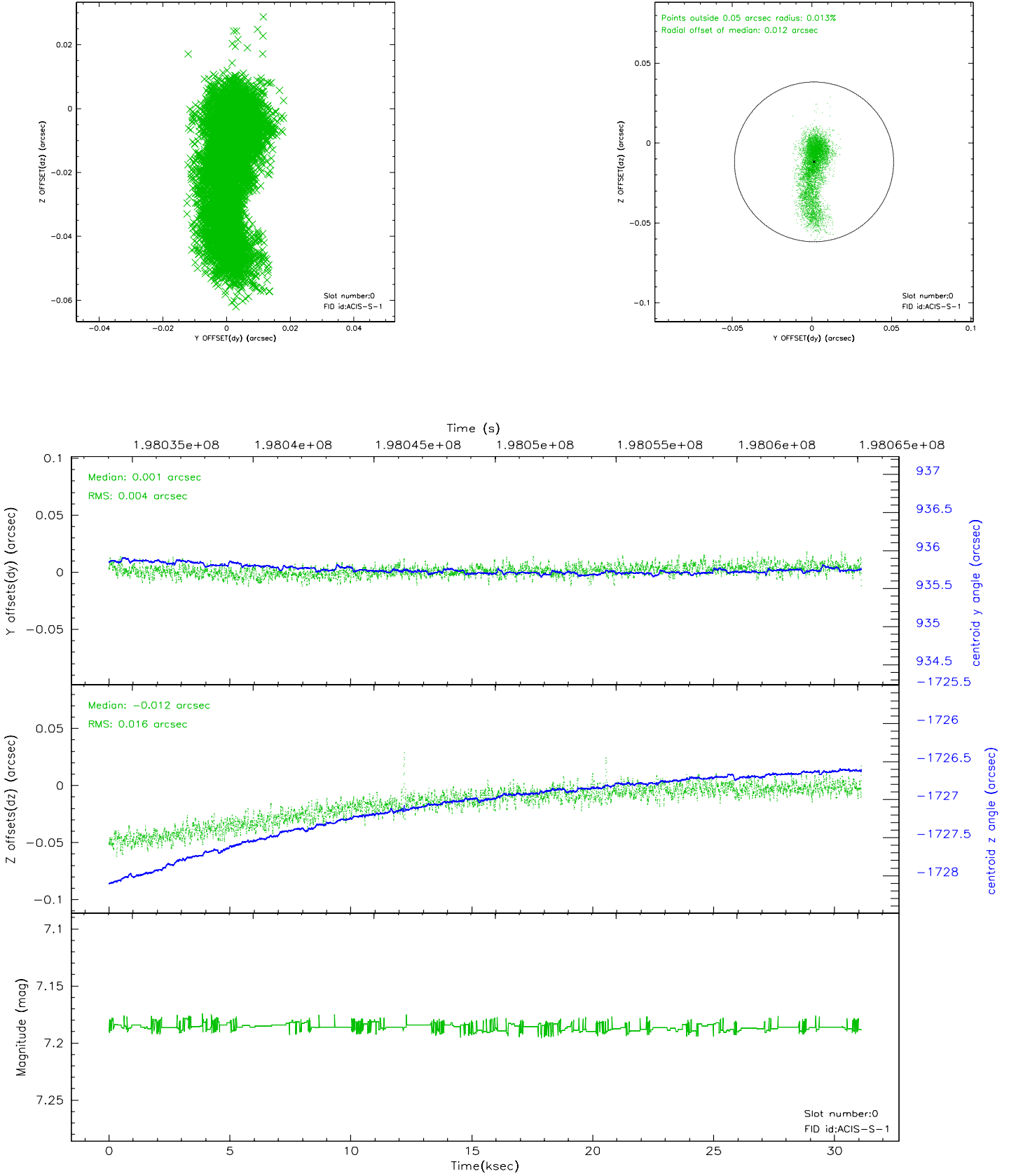


2.4.5 Slot 7

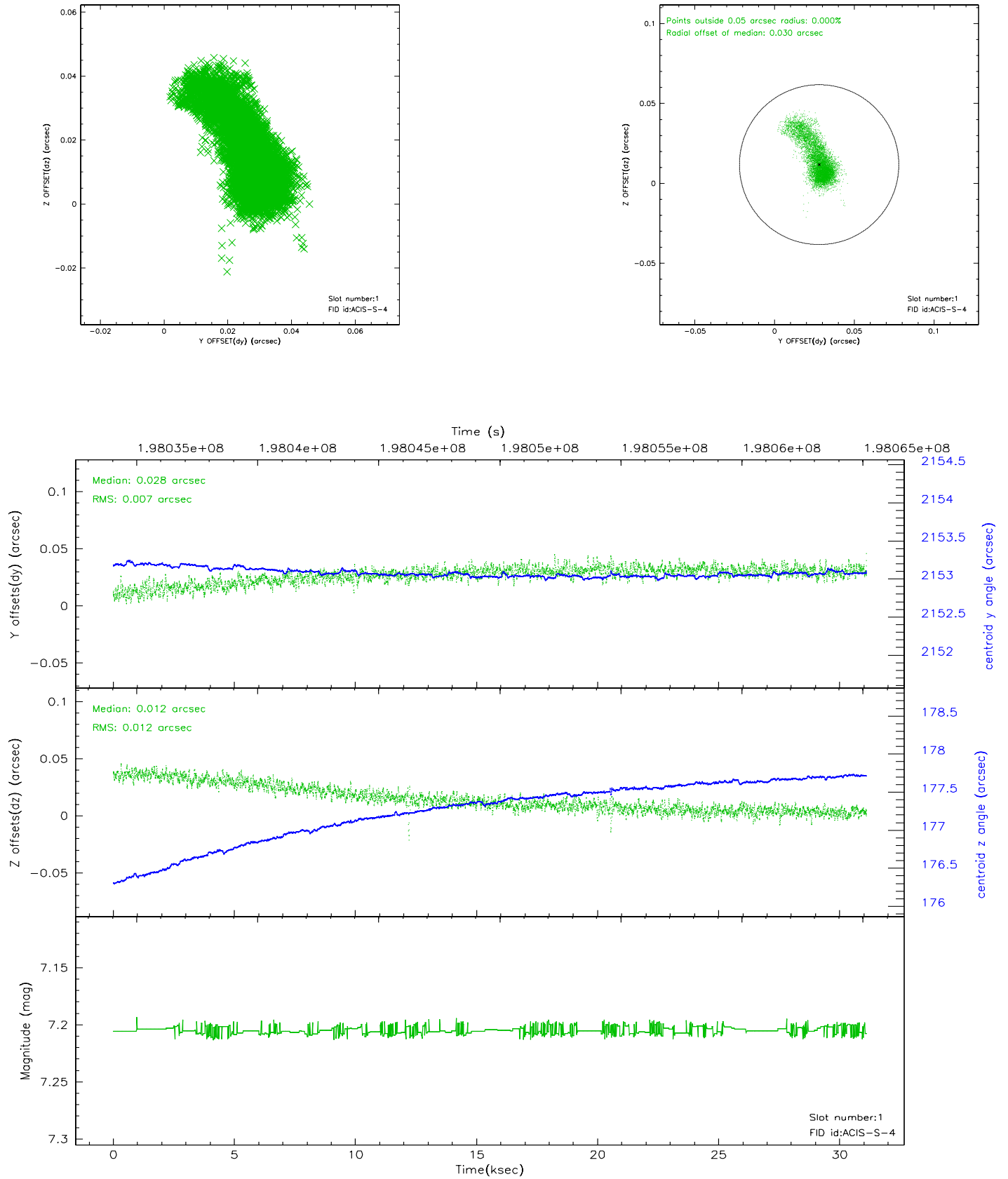


2.5 FID Slots

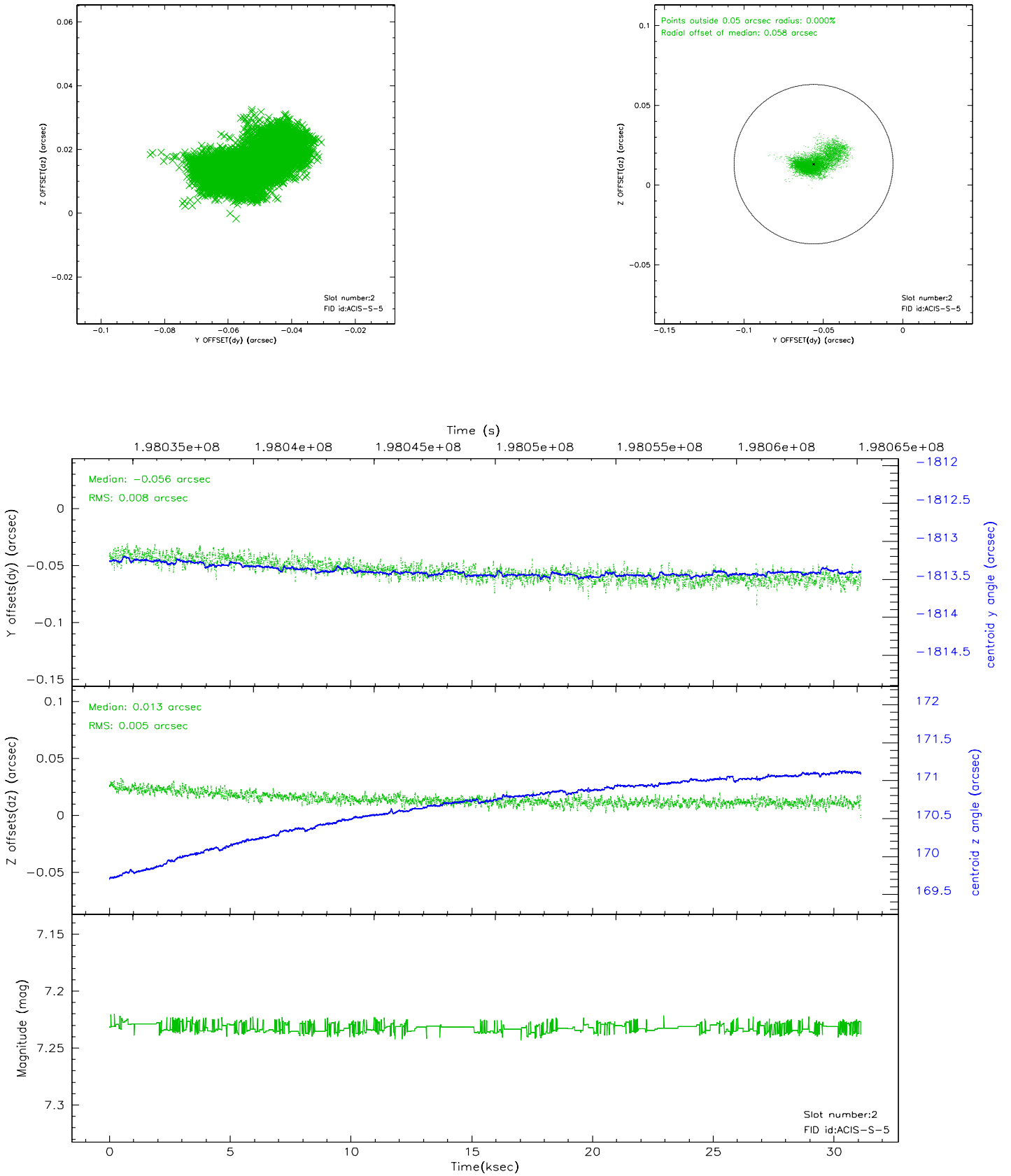
2.5.1 Slot 0



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)	2006.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.121

A.2 Comments

Window constraint satisfied.