

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3986 - L2 Version 001
Chandra X-Ray Center

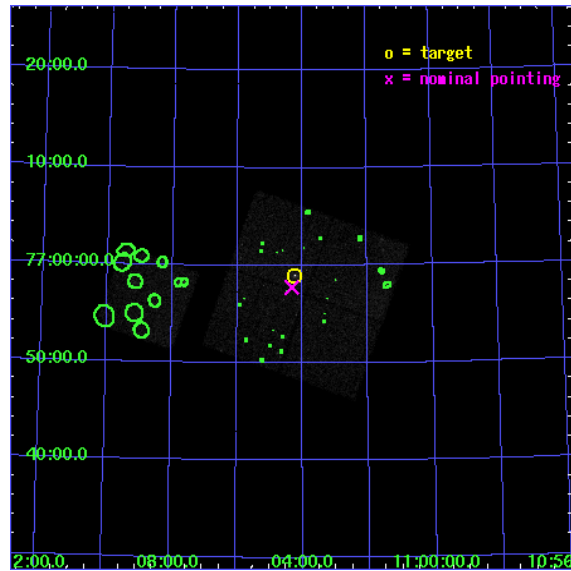
L2 Processing Date : Aug 10 2006

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1 Front

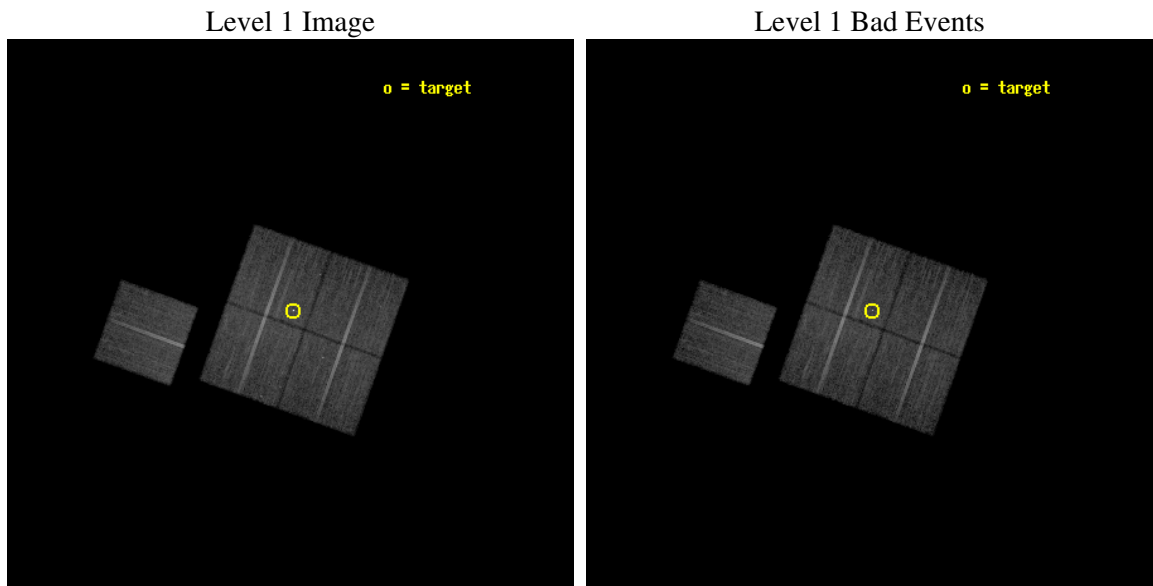
seq_num	700665
obs_id	3986
title	DO QSO EXTENDED EMISSION REGIONS RESULT FROM COOLING FLOWS?
observer	Dr Alan Stockton
object	3C 249.1 FIELD
dtcycle	0
cycle	P
ra_targ	166.057083
dec_targ	76.982806
ra_nom	166.08056655487
dec_nom	76.962474008018
roll_nom	289.69355097579
revision	2
ontime	24359.75899291
livetime	24041.480808274
ontime0	24359.751493722
ontime1	24359.758982956
ontime2	24362.899953157
ontime3	24359.75899291
ontime6	24359.710453719
l2events	56526



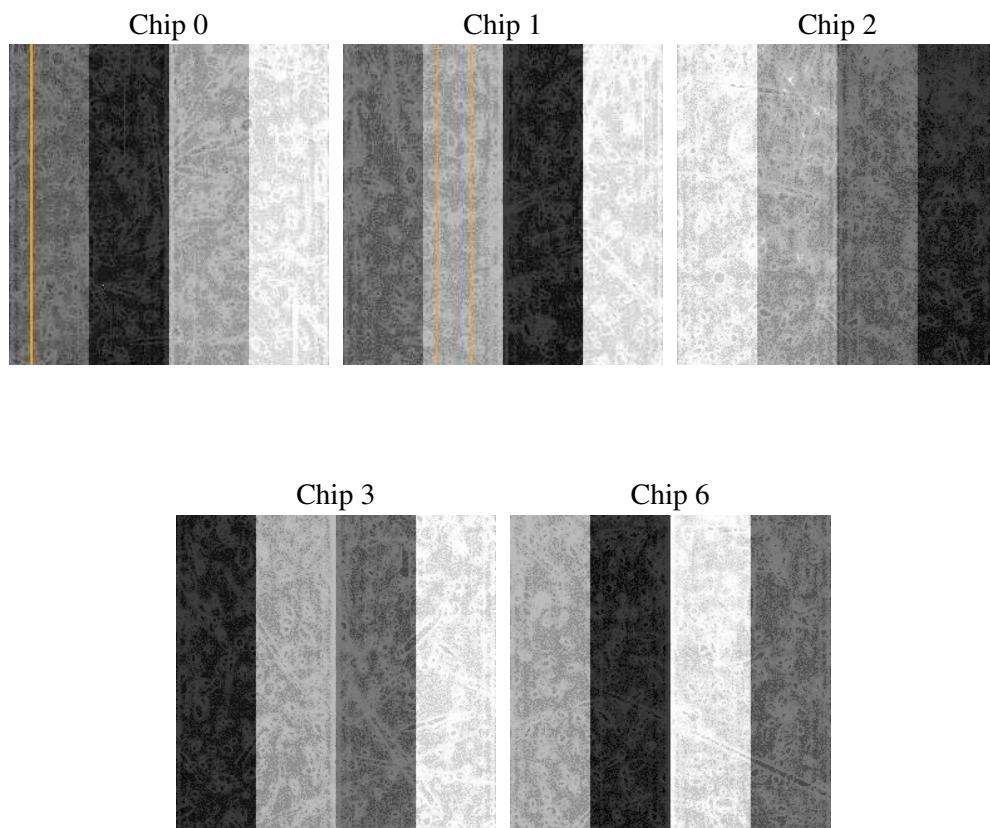
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-10T08:26:05
revision	2

sched_exp_time	24500.000000
ontime	24361.601356894
ontime0	24361.601356894
ontime1	24361.60134694
ontime2	24364.74231714
ontime3	24361.601356894
ontime6	24361.601356894
l1events	605830

2.1.4 Events

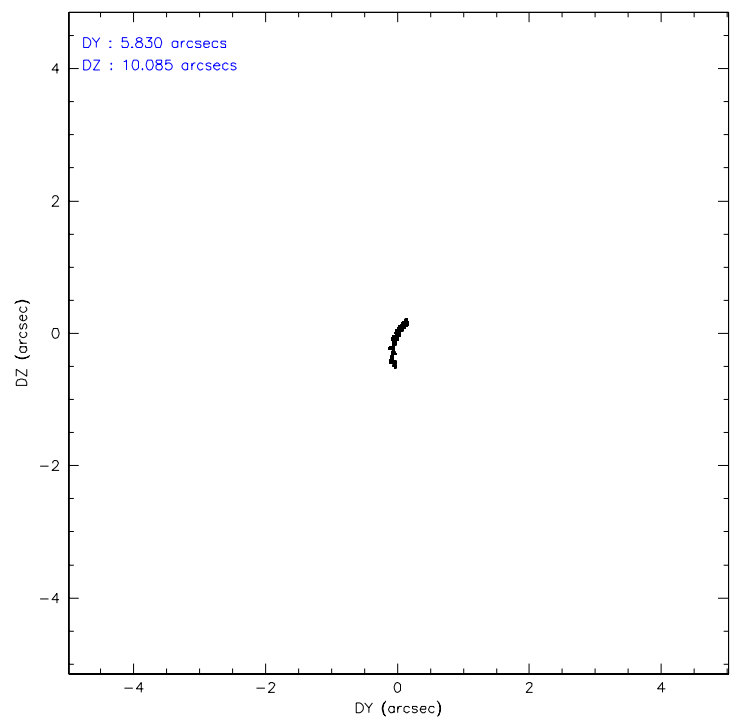
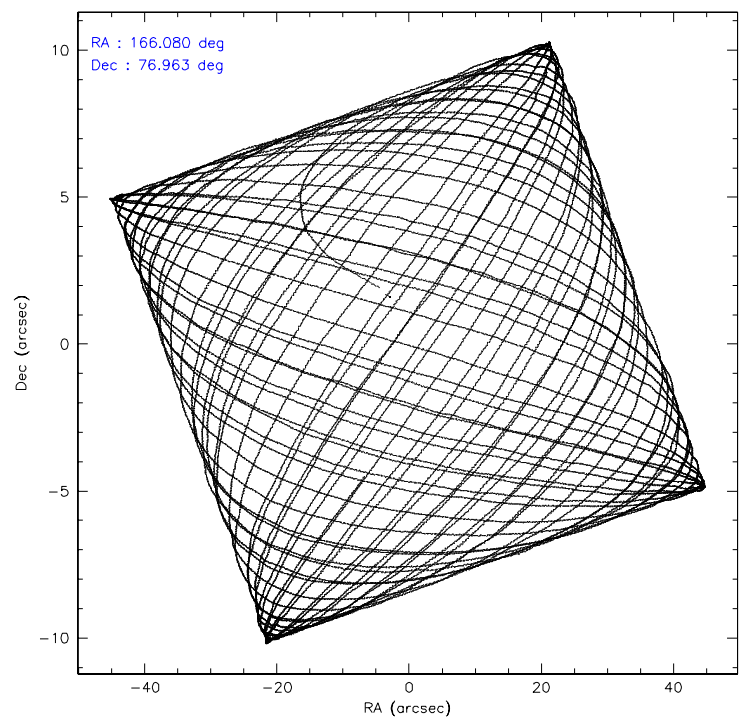
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	112343	113523	129538	129136	121290
rejected events	100412	99929	117129	112448	108951
rejected %	89%	88%	90%	87%	89%

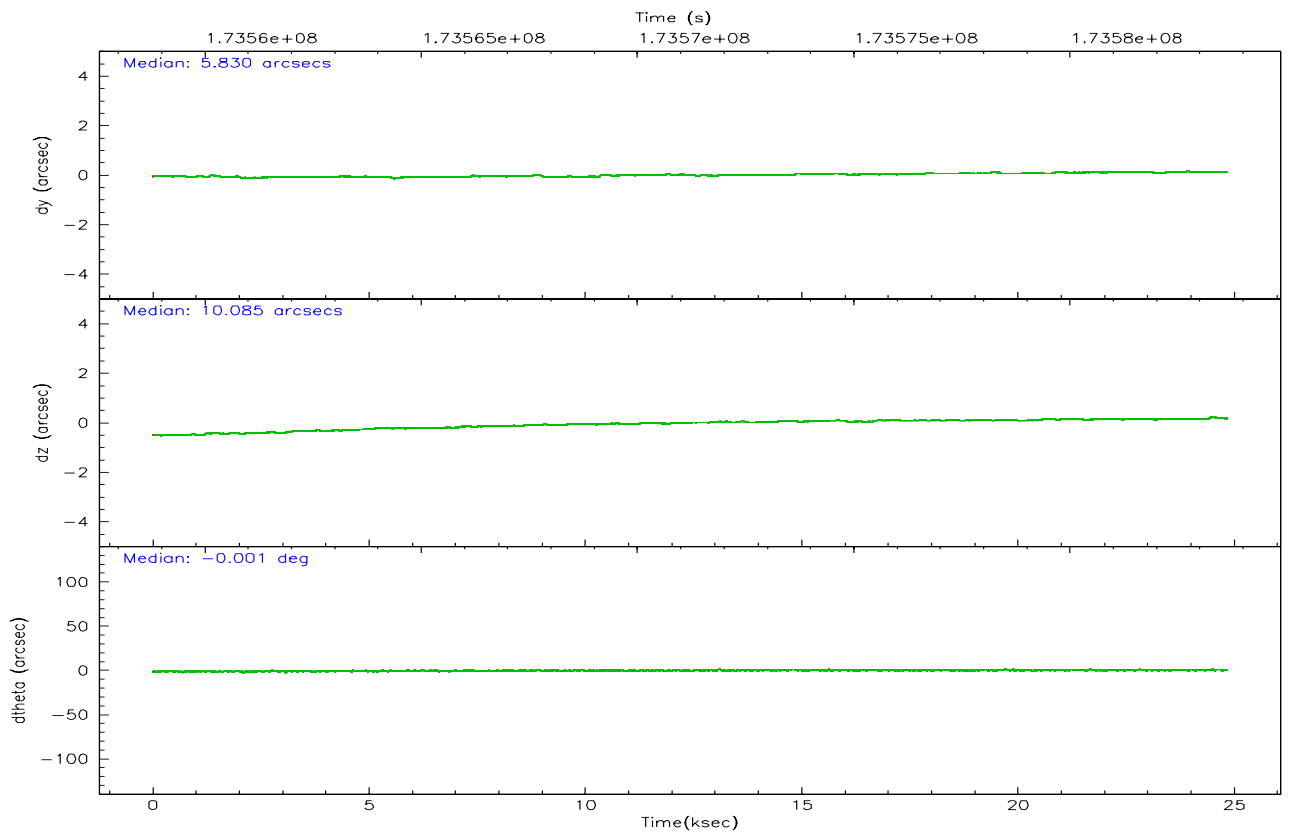
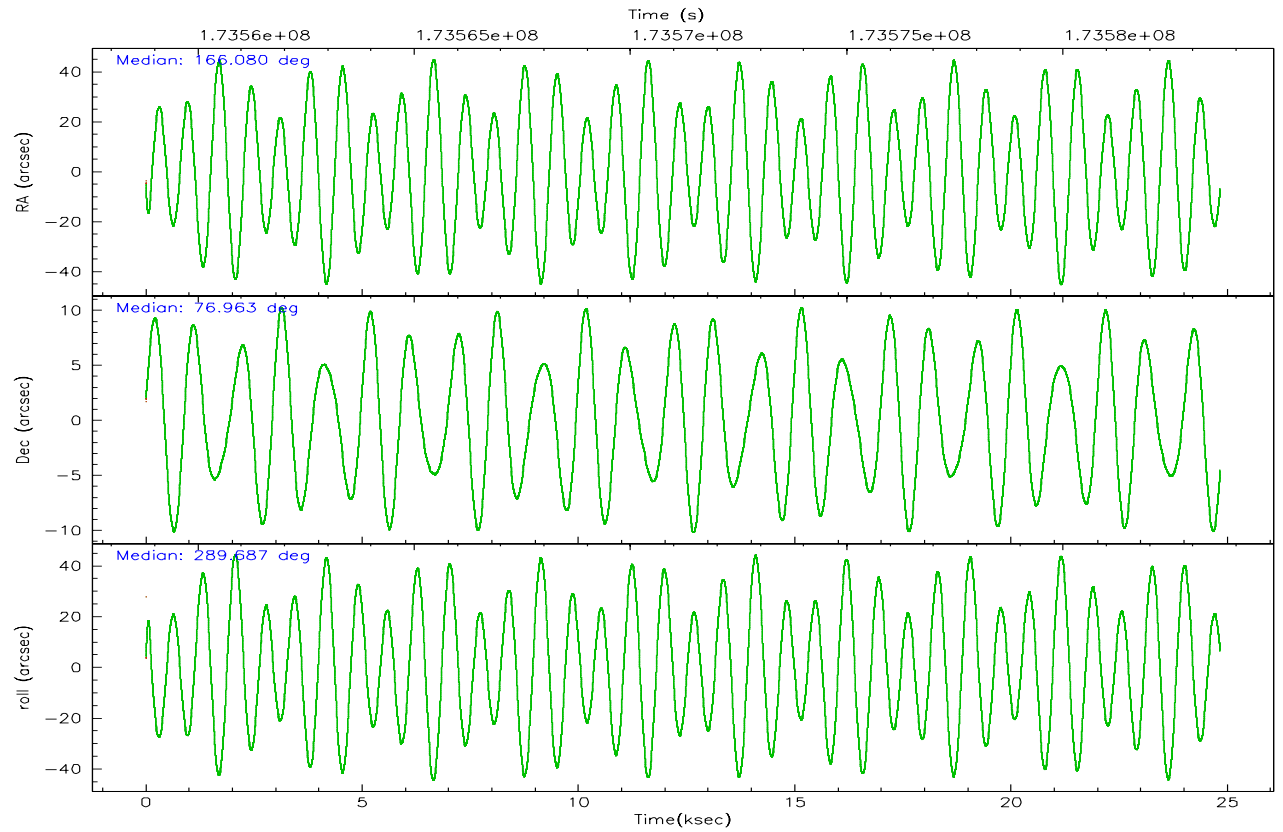
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4225	4888	4714	7762	4172
	3%	4%	3%	6%	3%
grade 1 events	52	58	63	439	37
	0%	0%	0%	0%	0%
grade 2 events	2763	2877	2898	3214	2638
	2%	2%	2%	2%	2%
grade 3 events	1433	1603	1370	1549	1485
	1%	1%	1%	1%	1%
grade 4 events	1246	1474	1307	1572	1438
	1%	1%	1%	1%	1%
grade 5 events	4240	4545	4071	4943	4737
	3%	4%	3%	3%	3%
grade 6 events	2266	2752	2121	2592	2606
	2%	2%	1%	2%	2%
grade 7 events	96118	95326	112994	107065	104177
	85%	83%	87%	82%	85%

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	165.987571	166.0805665548705	Alternating exposures requested	N	N
Pointing Dec	76.980077	76.96247400801815	Primary exposure time	0.000000	3.1
Pointing Roll	289.575467	289.6935509757866			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-230.632463	-230.6305996661941			
SIM translation stage offset (mm)	-2.96	-2.961853336735572			
Observation start time	173559135.184000	173558104.8209			
Observation start date	2003-07-02T18:51:11	2003-07-02T18:35:04			
Observation end time	173583635.184000	173584636.43453			
Observation end date	2003-07-03T01:39:31	2003-07-03T01:57:16			
Read mode	TIMED	TIMED			

2.3 Aspect



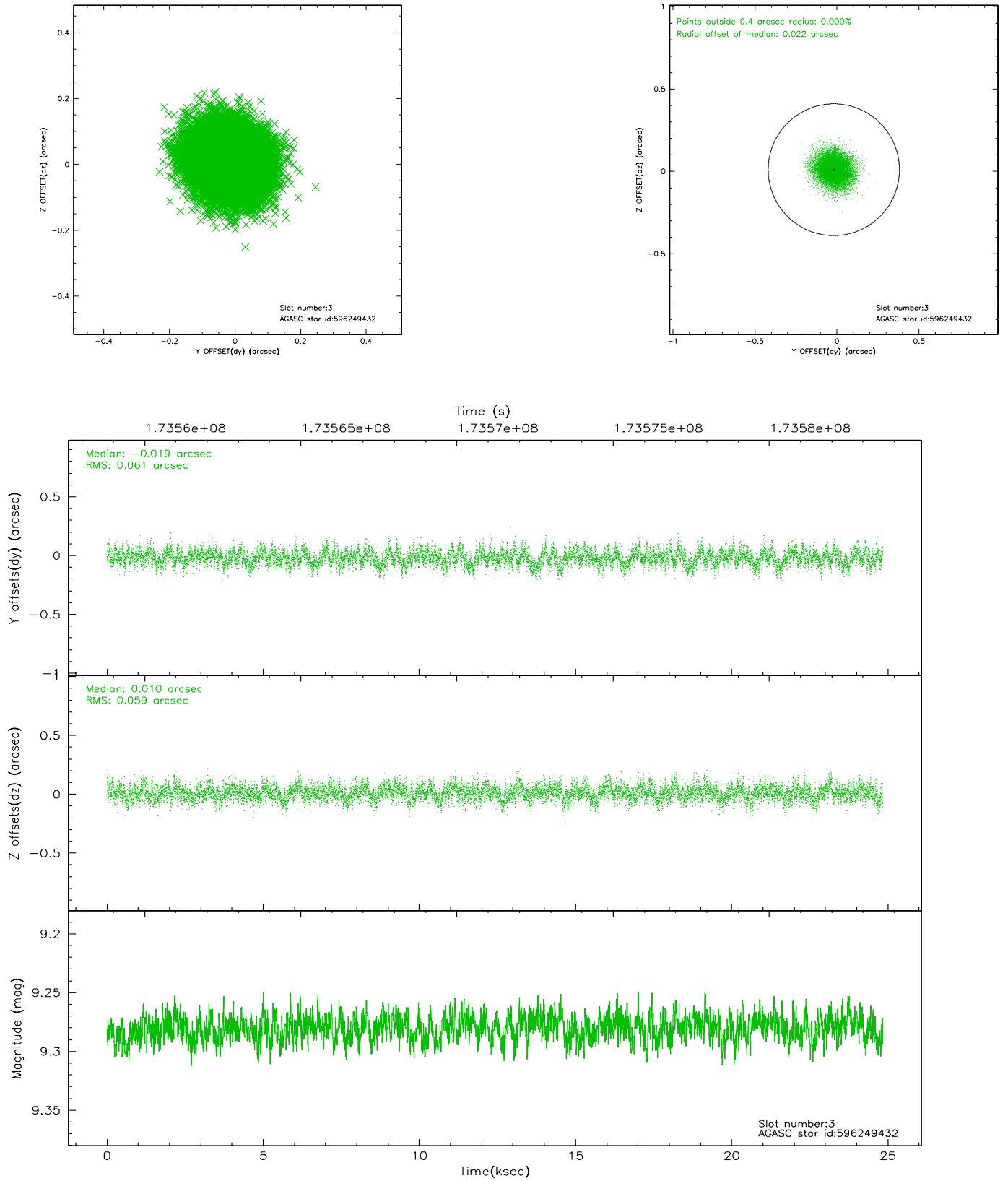


Slot Statistics

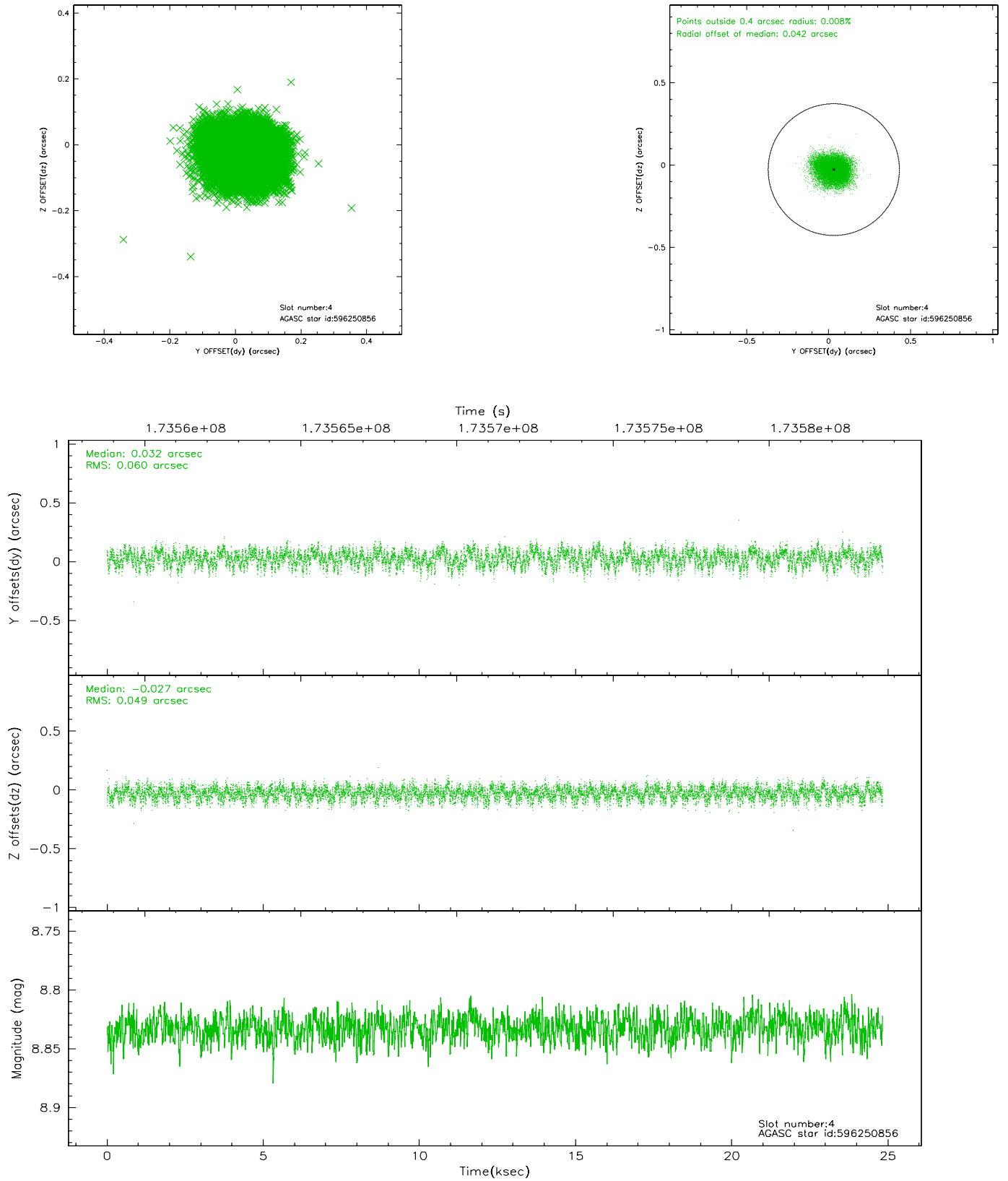
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	6057	0.048	0.002	0.009	0.016	0.000000	0.000000	933.85	-894.25
1	FID	ACIS-I-5	7.23	6057	-0.156	0.072	0.008	0.014	0.000000	0.000000	-1814.36	1003.29
2	FID	ACIS-I-6	7.26	6057	0.017	-0.003	0.009	0.015	0.000000	0.000000	399.28	1647.82
3	GUIDE	596249432	9.28	12108	-0.019	0.010	0.091	0.146	167.472994	77.018077	259.34	1182.82
4	GUIDE	596250856	8.83	12113	0.032	-0.027	0.084	0.131	169.278624	76.719793	1722.69	2275.00
5	GUIDE	596254168	9.60	12108	-0.027	0.068	0.085	0.138	164.874149	76.417043	1586.62	-1562.48
6	GUIDE	596254984	8.60	12112	0.019	-0.036	0.055	0.089	165.045925	76.632611	910.68	-1155.30
7	GUIDE	596653344	9.39	12107	-0.002	-0.014	0.079	0.133	166.033958	77.603230	-2101.45	785.15

2.4 Star Slots

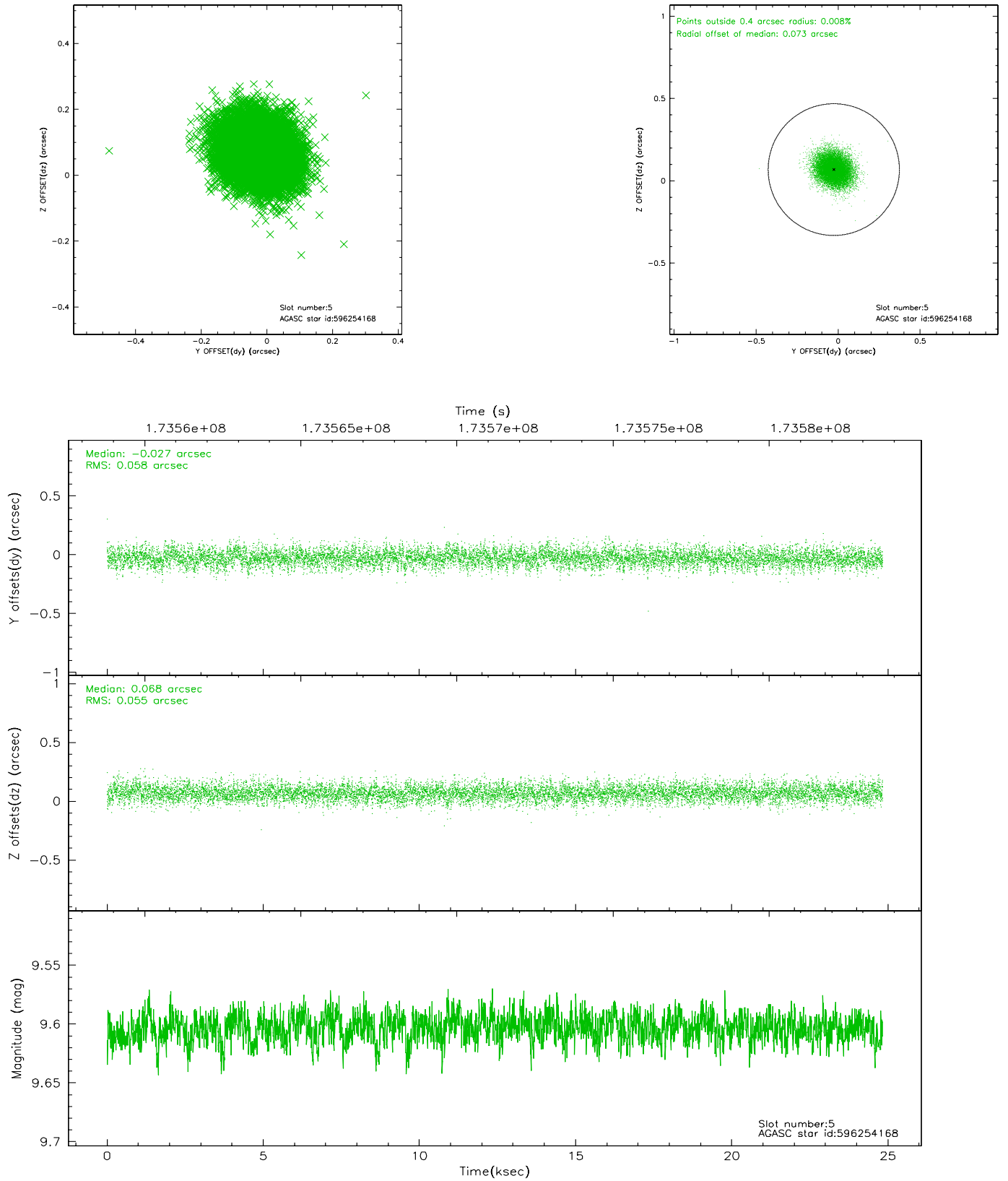
2.4.1 Slot 3



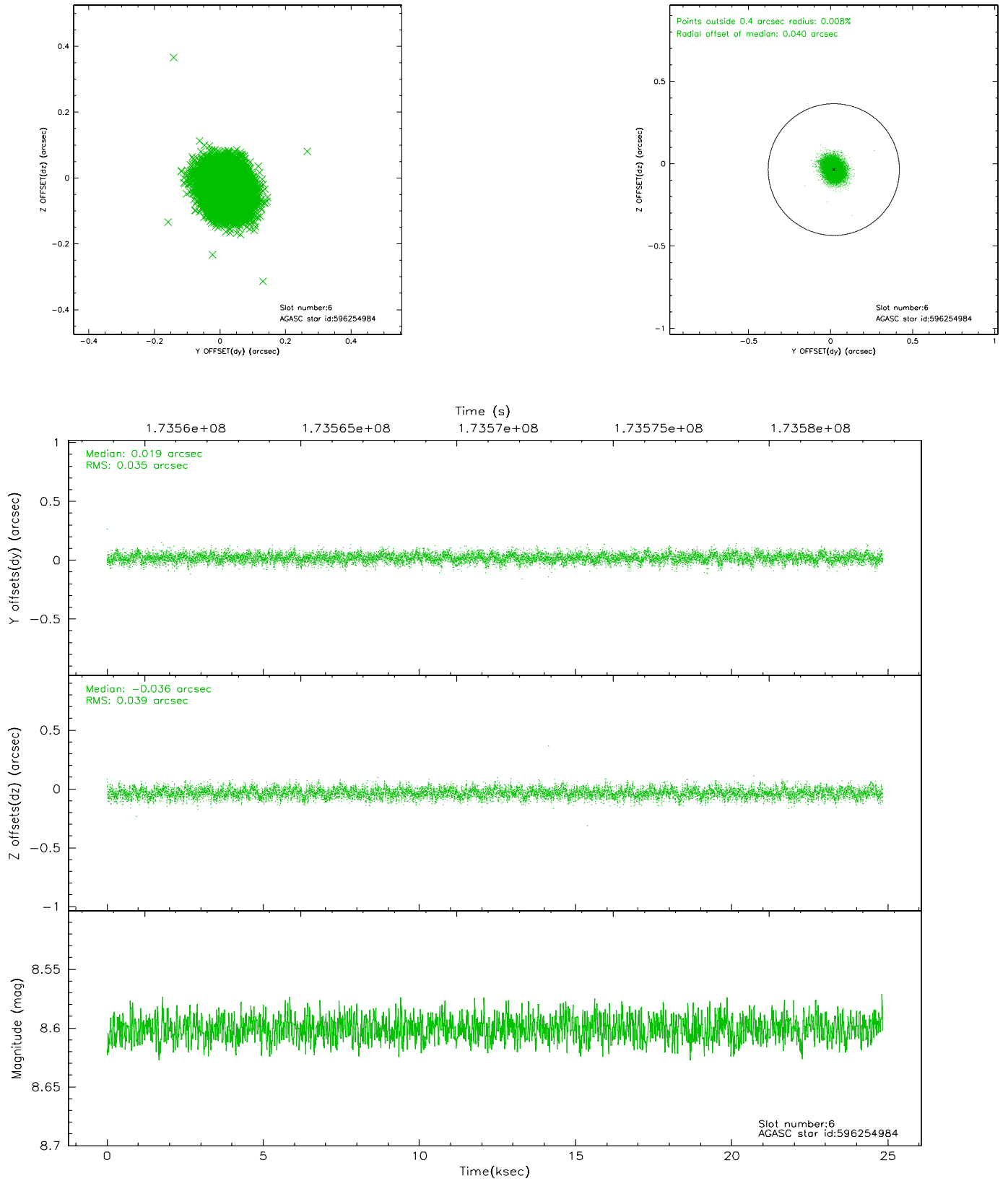
2.4.2 Slot 4



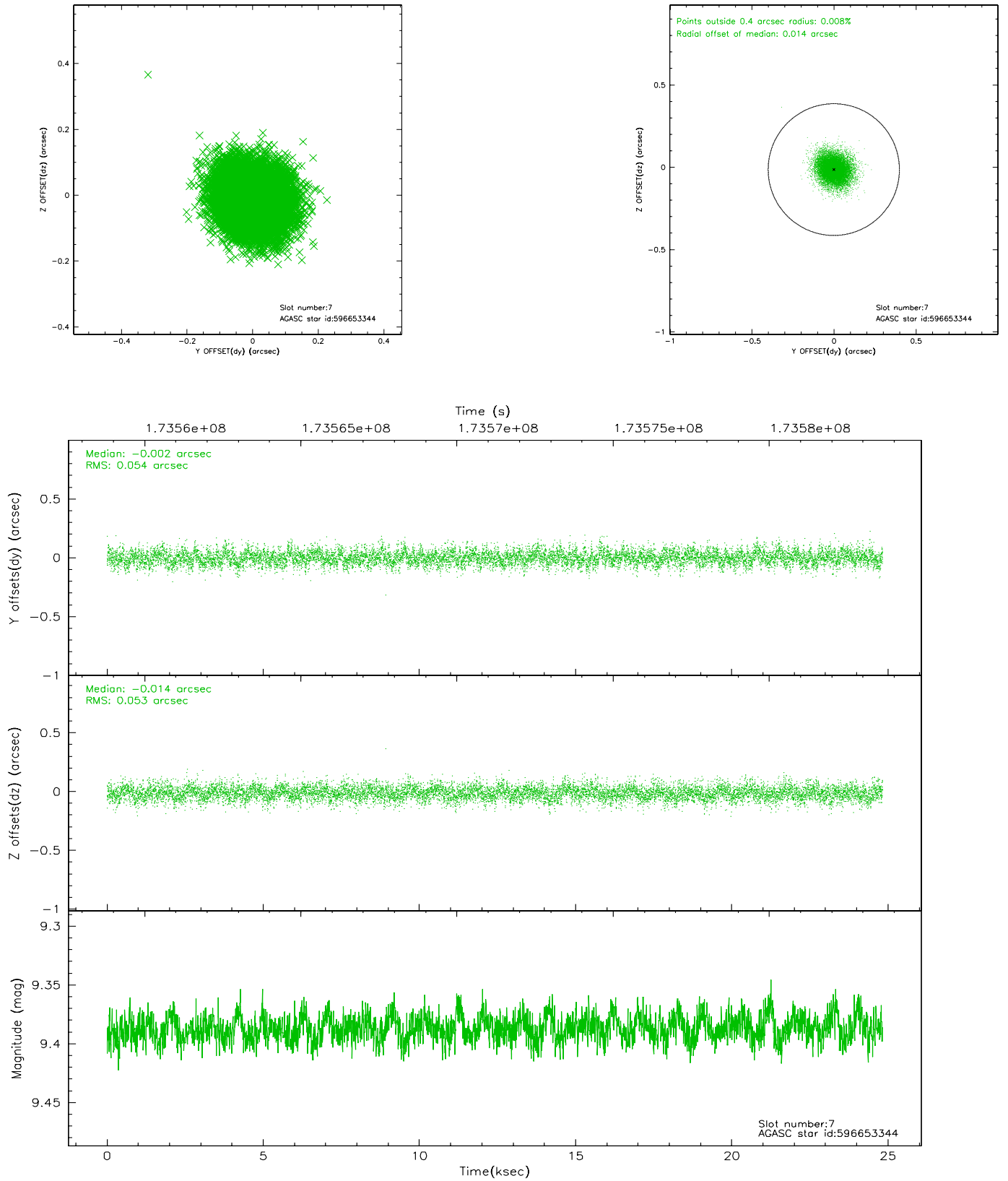
2.4.3 Slot 5



2.4.4 Slot 6

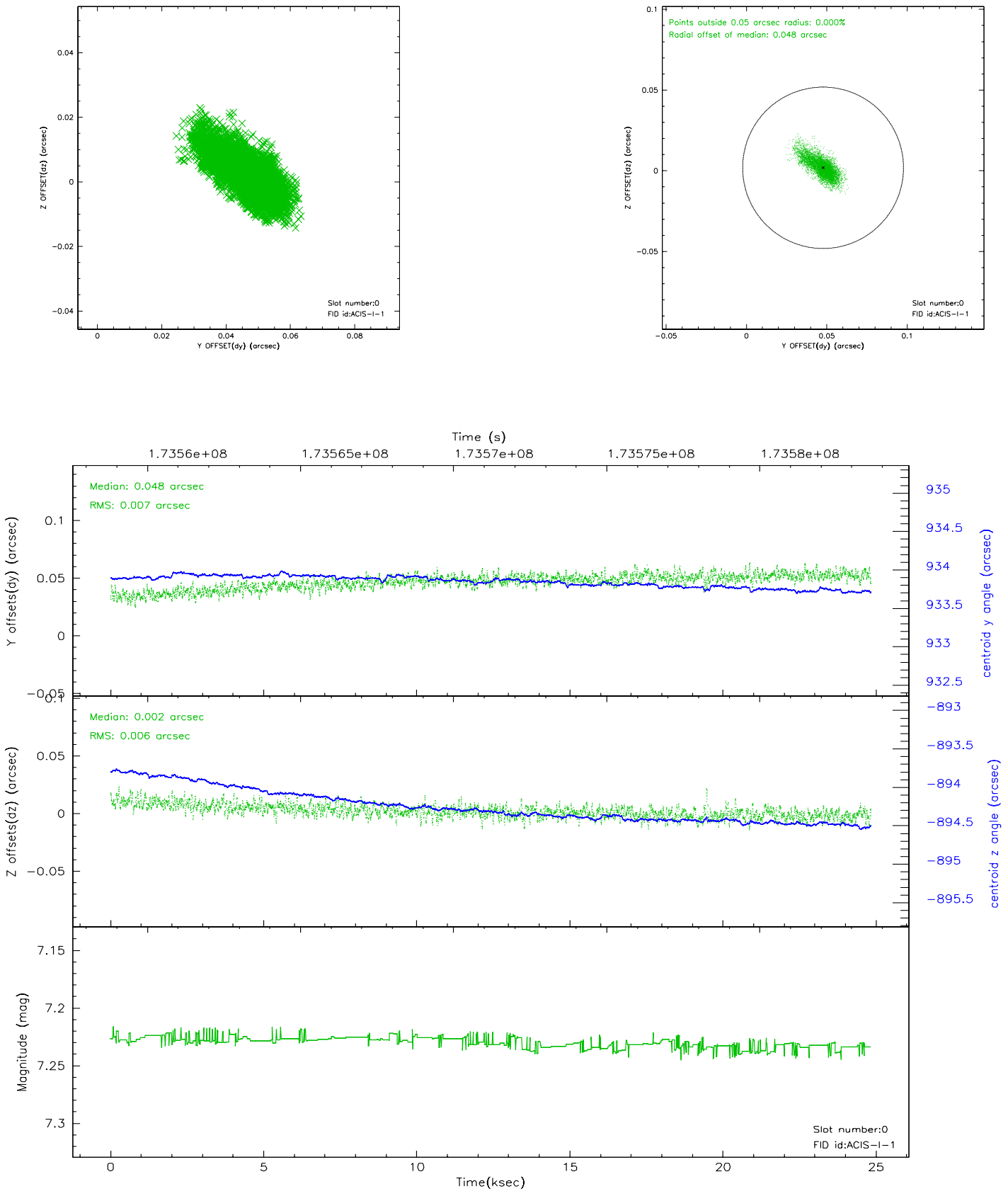


2.4.5 Slot 7

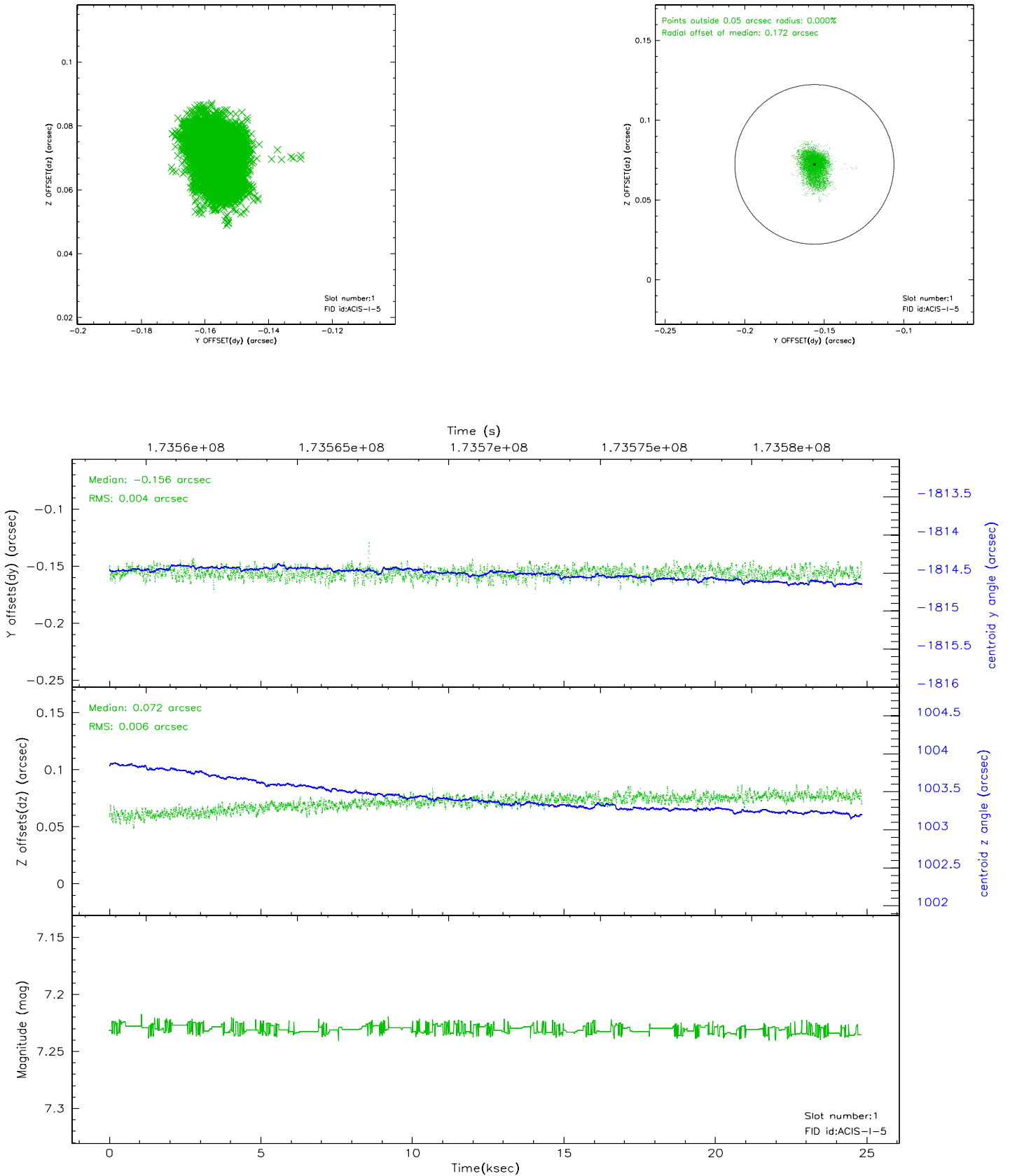


2.5 FID Slots

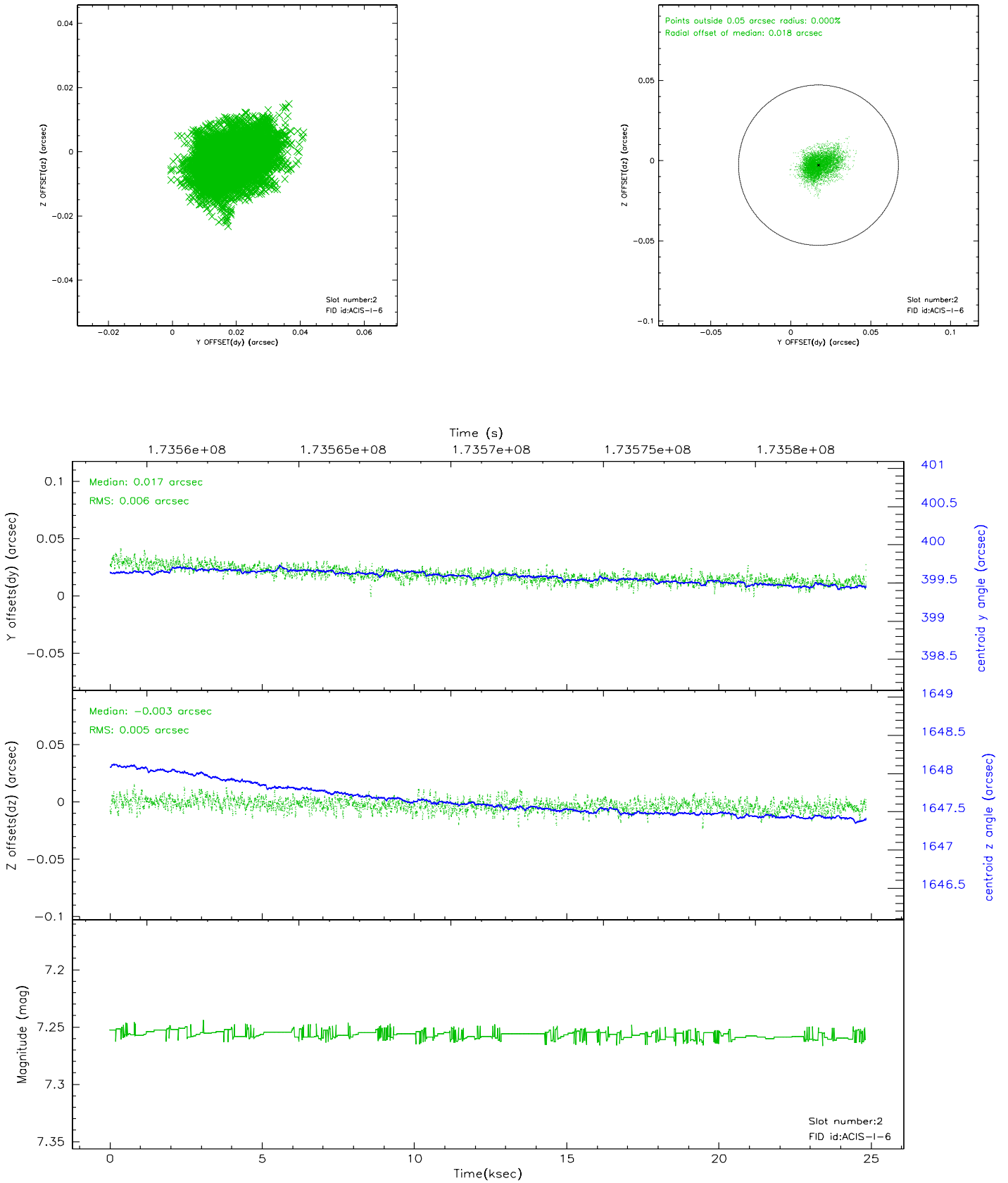
2.5.1 Slot 0



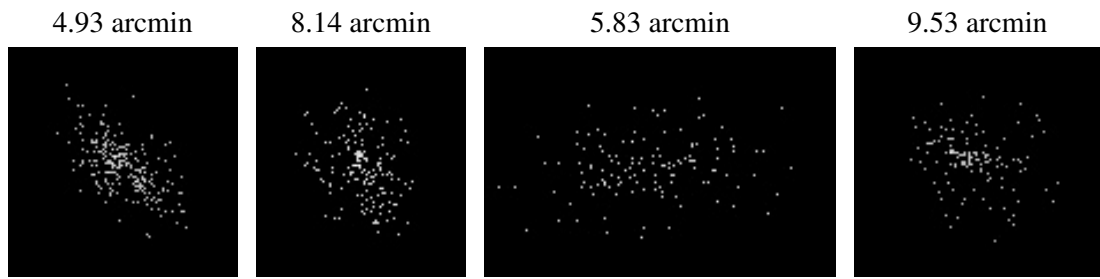
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.359

A.2 Comments