

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5786 - L2 Version 002
Chandra X-Ray Center

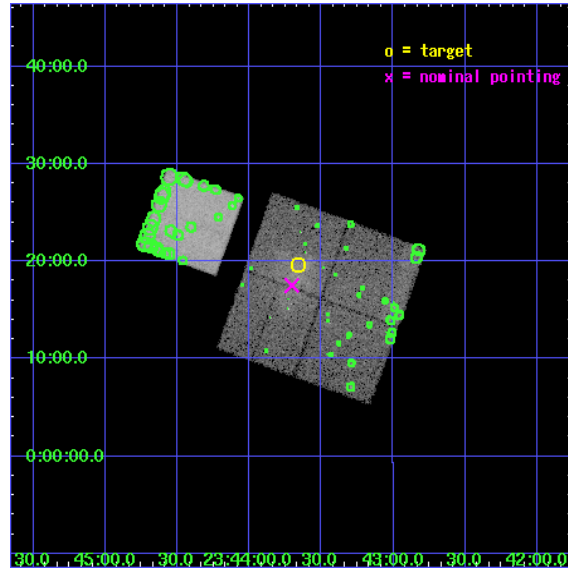
L2 Processing Date : Apr 2 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

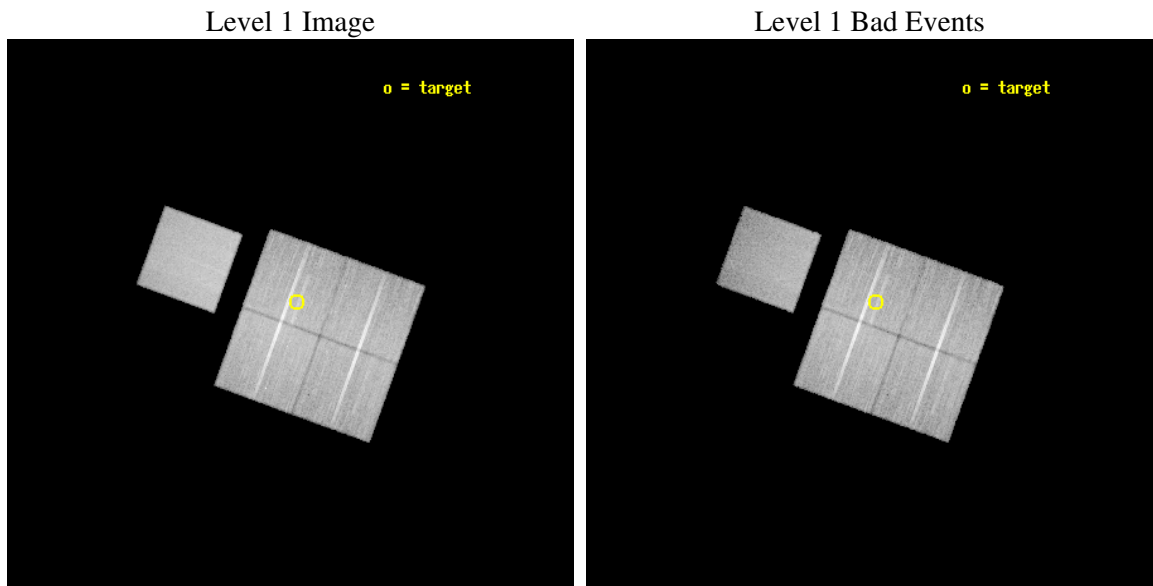
seq_num	800499
obs_id	5786
title	The supercluster-scale filament of galaxies ZwCl 2341.1+0000 at z=0.3
observer	Dr Somak Raychaudhury
object	ZwCl 2341.1+0000
dtcycle	0
cycle	P
ra_targ	355.915
dec_targ	0.327861
ra_nom	355.92608385784
dec_nom	0.29189874806084
roll_nom	290.03953477058
revision	2
ontime	30175.358941853
livetime	29781.095662502
ontime0	30178.499941975
ontime1	30175.358951718
ontime2	30178.499941975
ontime3	30175.358941853
ontime7	30178.499941975
l2events	157571



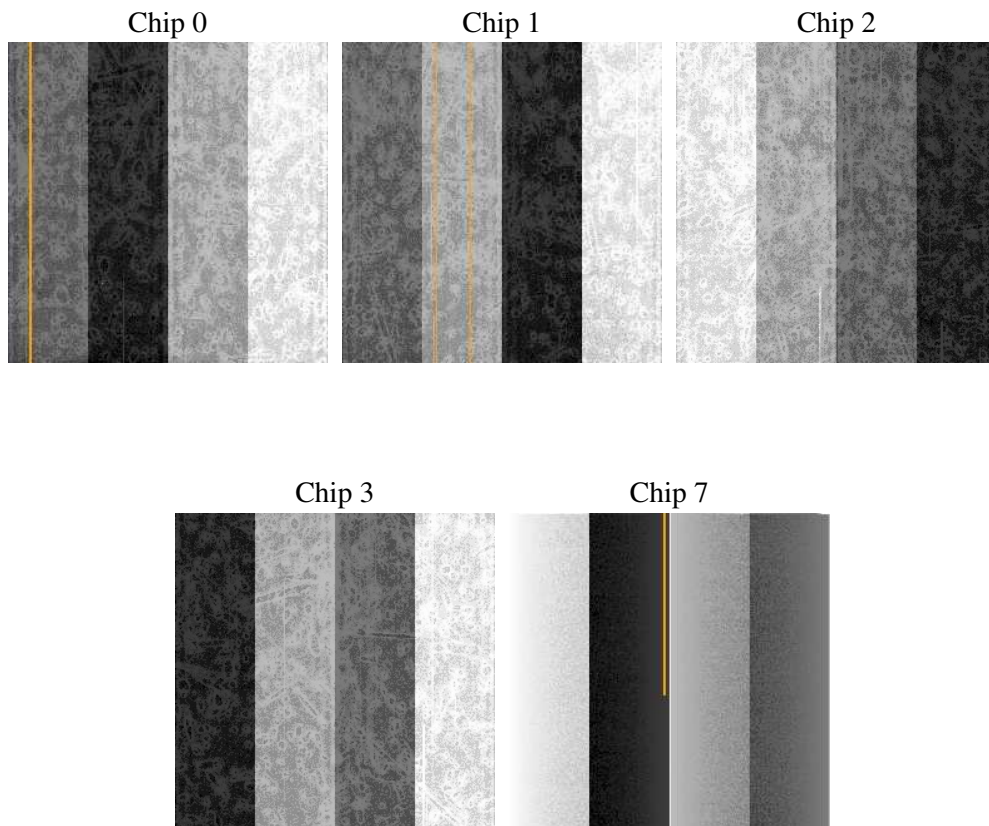
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-02T09:43:42
revision	2

sched_exp_time	30000.000000
ontime	30640.585571706
ontime0	30643.726571828
ontime1	30640.585581571
ontime2	30643.726571828
ontime3	30640.585571706
ontime7	30643.726571828
l1events	1011854

2.1.4 Events

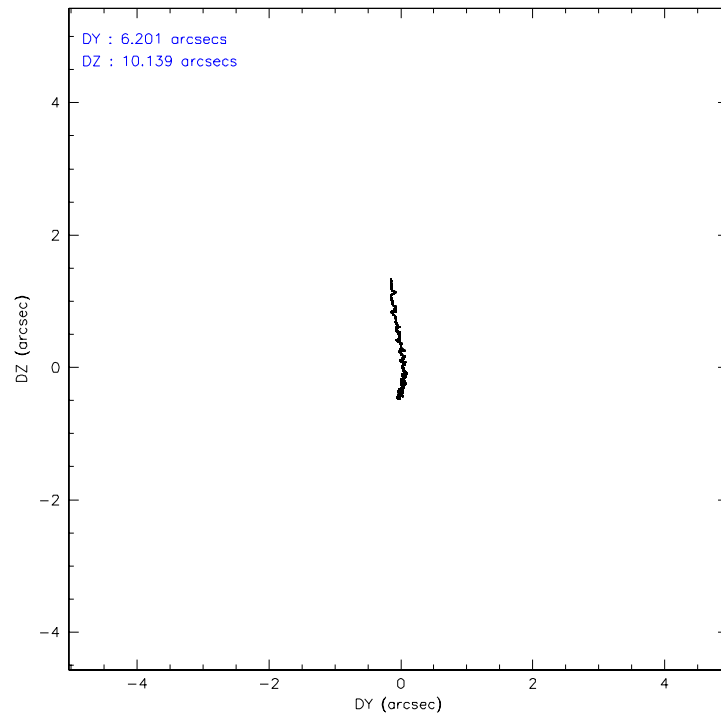
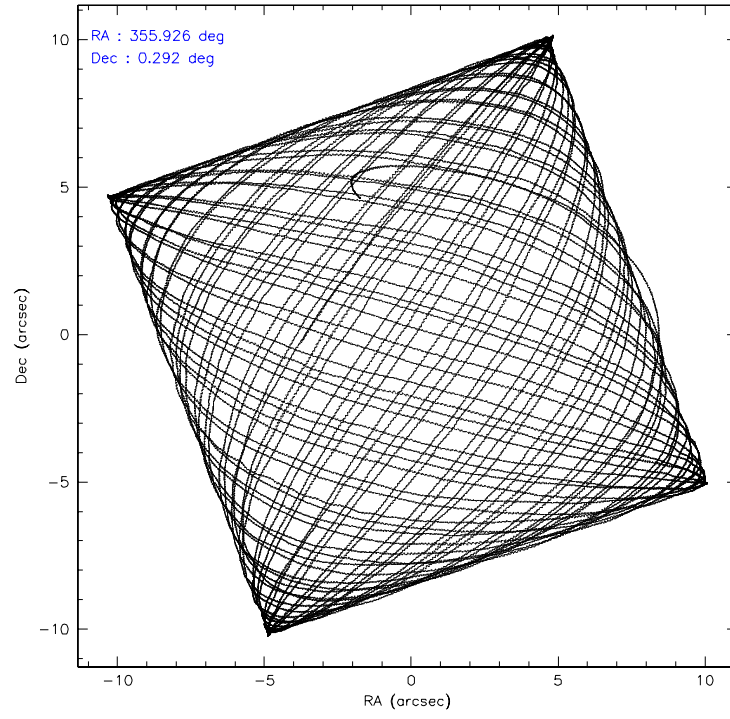
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
level 1 events	185585	190259	212720	198814	224476
rejected events	166323	168215	192031	176958	133695
rejected %	89%	88%	90%	89%	59%

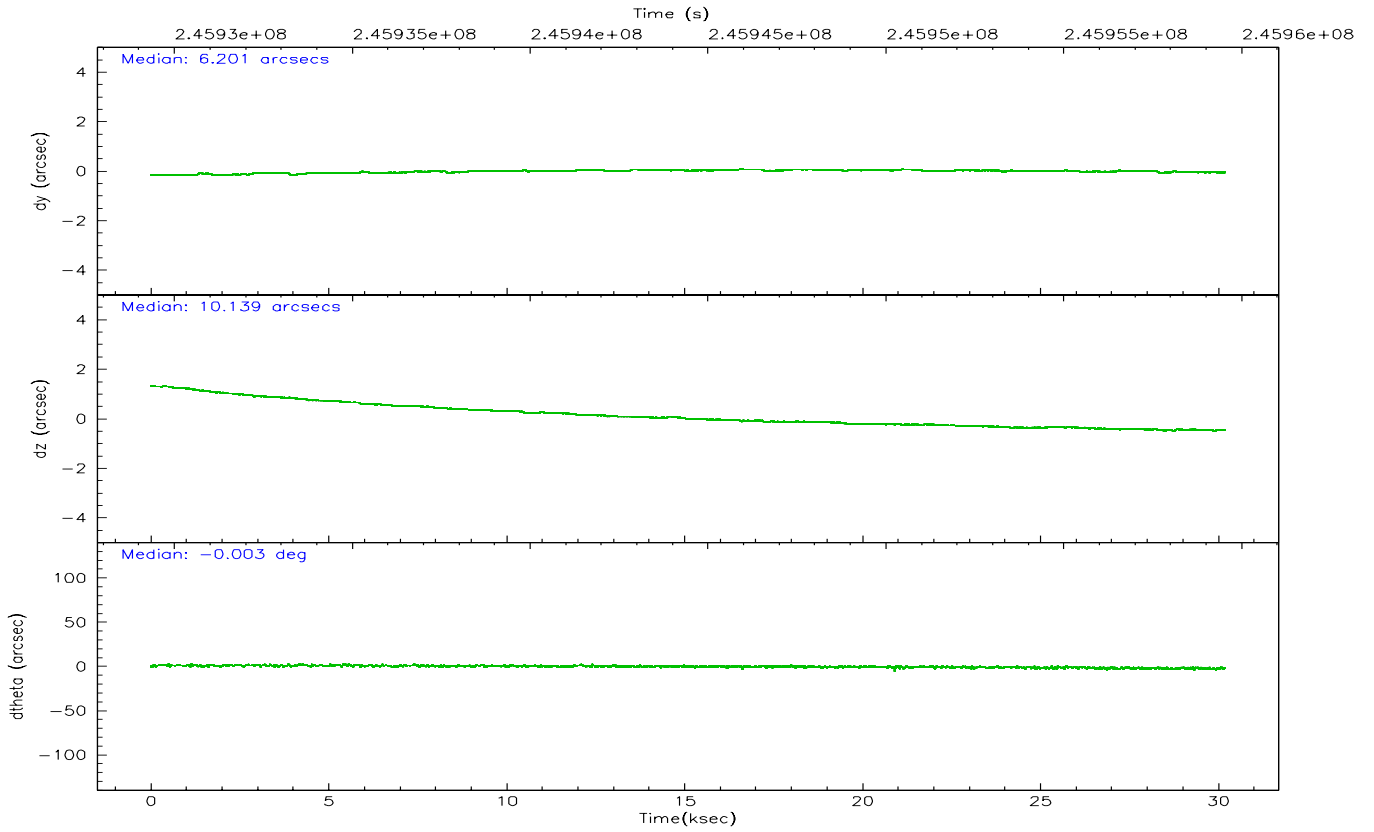
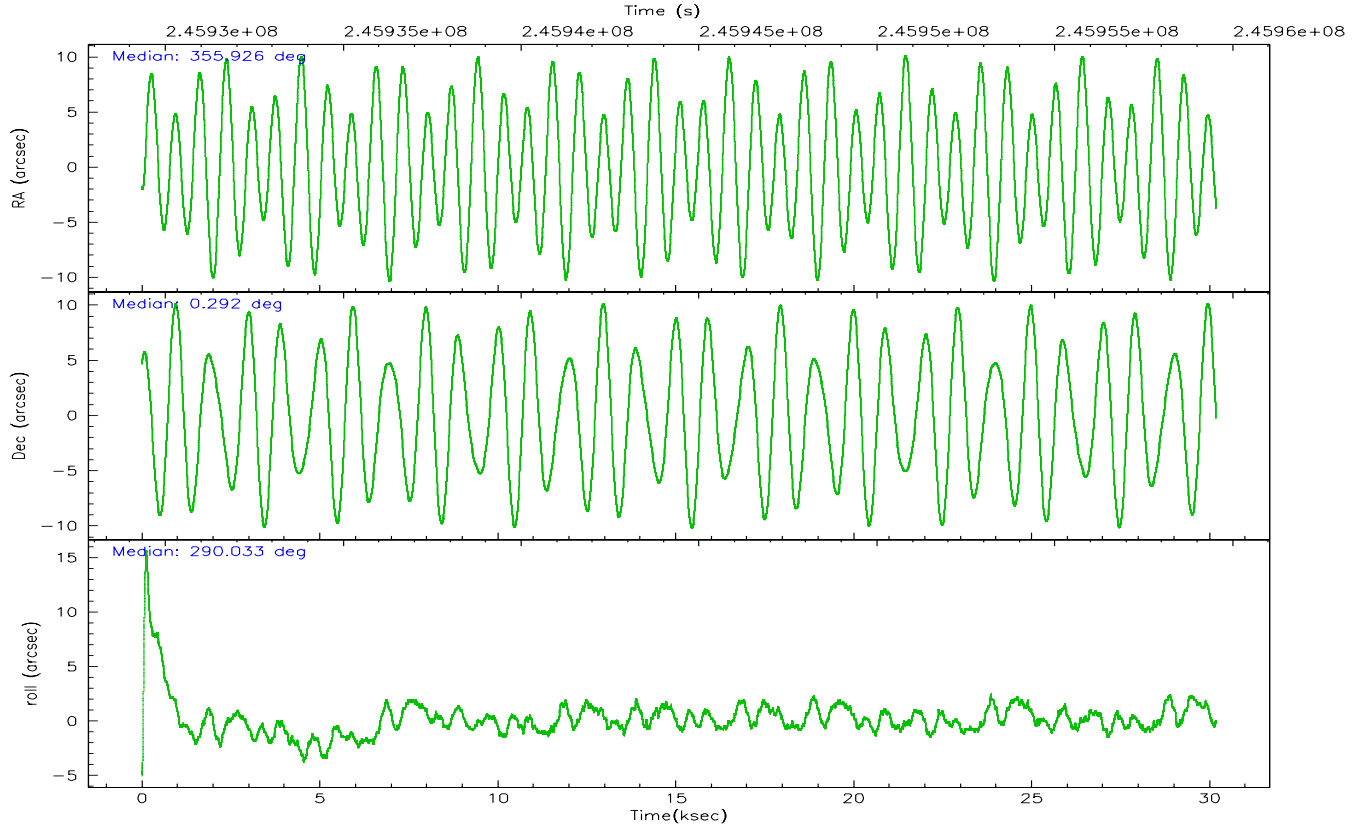
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
grade 0 events	6639	8157	8446	9519	5081
	3%	4%	3%	4%	2%
grade 1 events	121	93	104	107	125
	0%	0%	0%	0%	0%
grade 2 events	4728	4904	4686	4306	22787
	2%	2%	2%	2%	10%
grade 3 events	2252	2494	2085	2272	5080
	1%	1%	0%	1%	2%
grade 4 events	2084	2434	2219	2223	4969
	1%	1%	1%	1%	2%
grade 5 events	6805	7545	6401	8063	16726
	3%	3%	3%	4%	7%
grade 6 events	3881	4405	3557	3830	54245
	2%	2%	1%	1%	24%
grade 7 events	159075	160227	185222	168494	115463
	85%	84%	87%	84%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01237	ACIS-01237	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	355.905016	355.9260838578412	Alternating exposures requested	N	N
Pointing Dec	0.309373	0.2918987480608426	Primary exposure time	0.000000	3.1
Pointing Roll	289.830967	290.0395347705805			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.592463	-225.5843688559632			
SIM translation stage offset (mm)	-8	-8.008084146966468			
Observation start time	245929533.184000	245928303.76419			
Observation start date	2005-10-17T09:44:29	2005-10-17T09:25:03			
Observation end time	245959533.184000	245960358.59066			
Observation end date	2005-10-17T18:04:29	2005-10-17T18:19:18			
Read mode	TIMED	TIMED			

2.3 Aspect



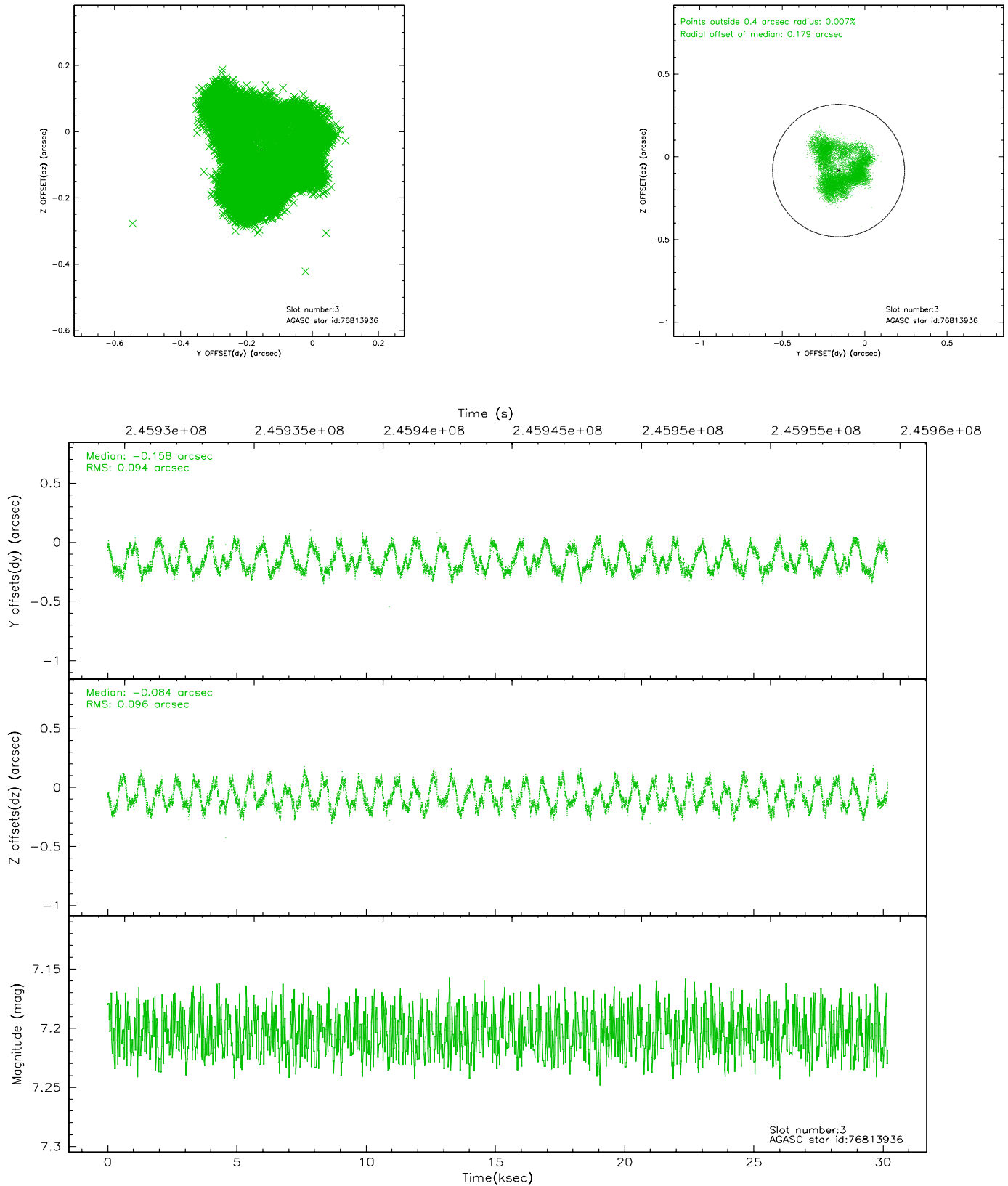


Slot Statistics

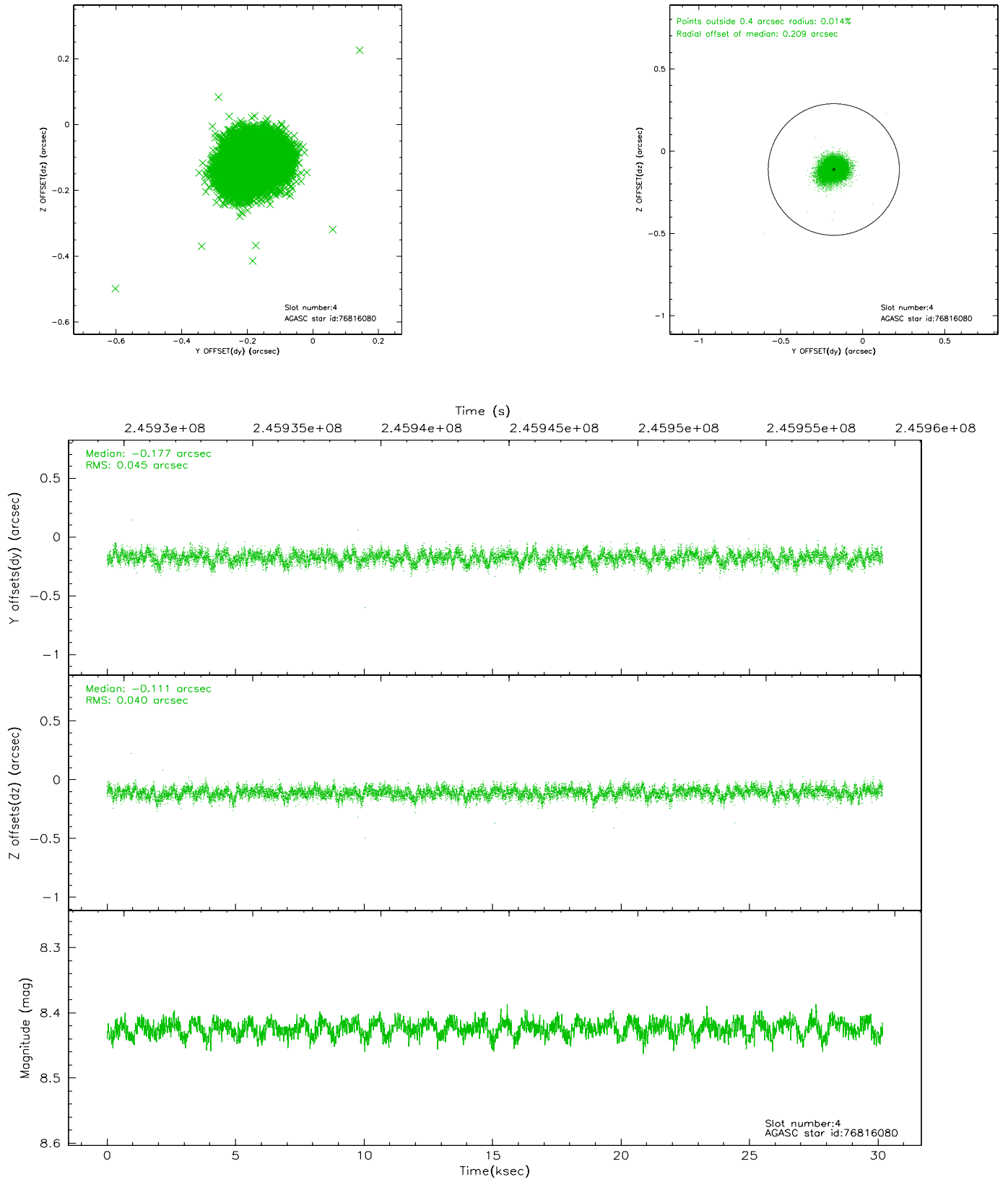
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.17	7362	-0.039	-0.024	0.010	0.018	0.000000	0.000000	-761.25	-1003.49
1	FID	ACIS-I-4	7.14	7363	0.025	0.037	0.006	0.011	0.000000	0.000000	2152.78	902.66
2	FID	ACIS-I-5	7.22	7362	-0.087	0.056	0.010	0.018	0.000000	0.000000	-1814.64	899.55
3	GUIDE	76813936	7.20	14725	-0.158	-0.084	0.148	0.205	355.167647	0.415974	-1261.31	-2367.21
4	GUIDE	76816080	8.42	14723	-0.177	-0.111	0.064	0.104	355.811078	0.904637	-2130.59	408.73
5	GUIDE	76816448	9.19	14711	0.038	-0.051	0.118	0.182	355.330481	0.283128	-612.40	-1977.54
6	GUIDE	688397848	8.61	14717	0.250	0.012	0.062	0.101	355.824310	-0.155582	1476.62	-840.82
7	GUIDE	76816024	9.74	14703	0.036	0.221	0.119	0.187	355.674265	0.753651	-1785.93	-238.11

2.4 Star Slots

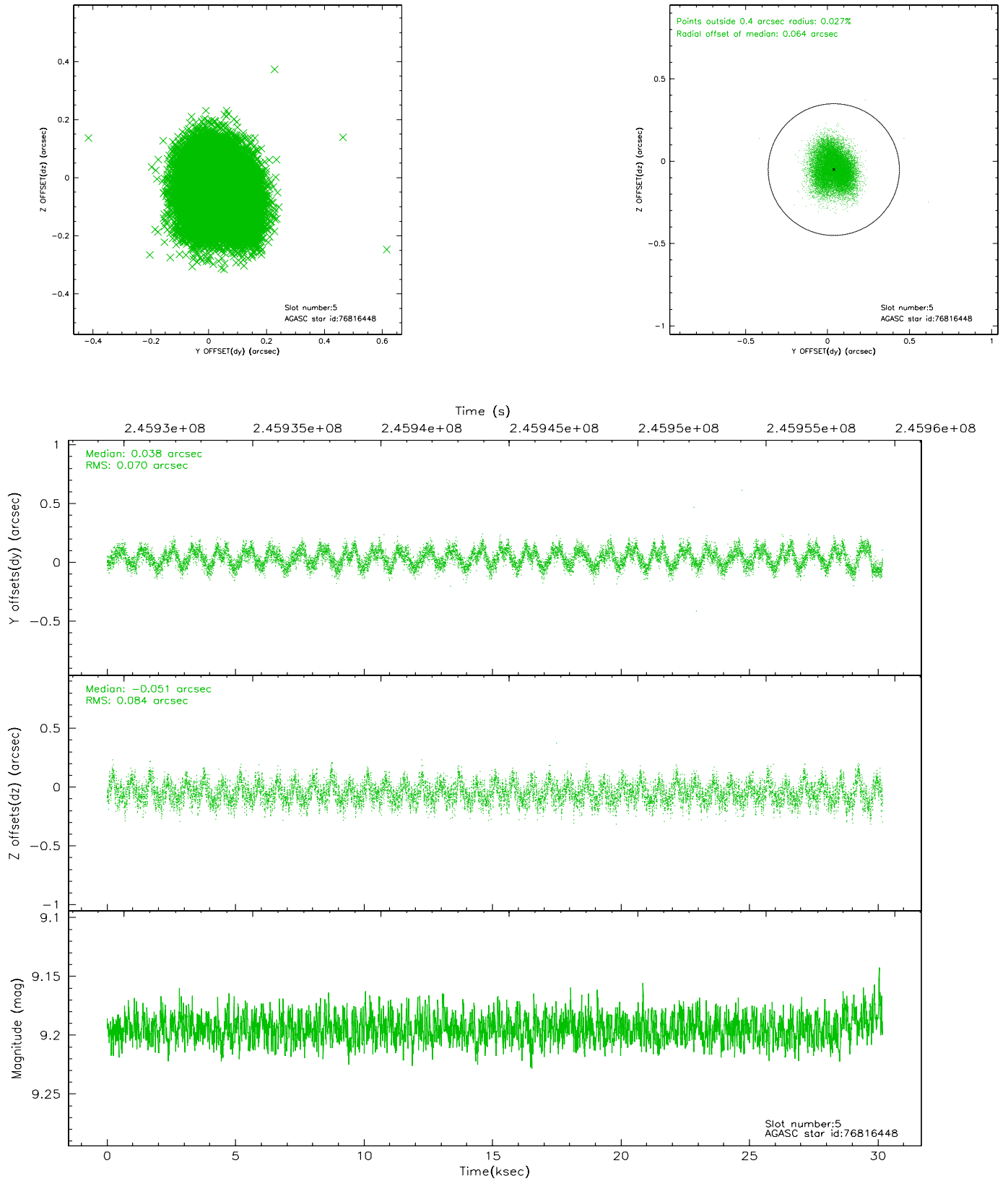
2.4.1 Slot 3



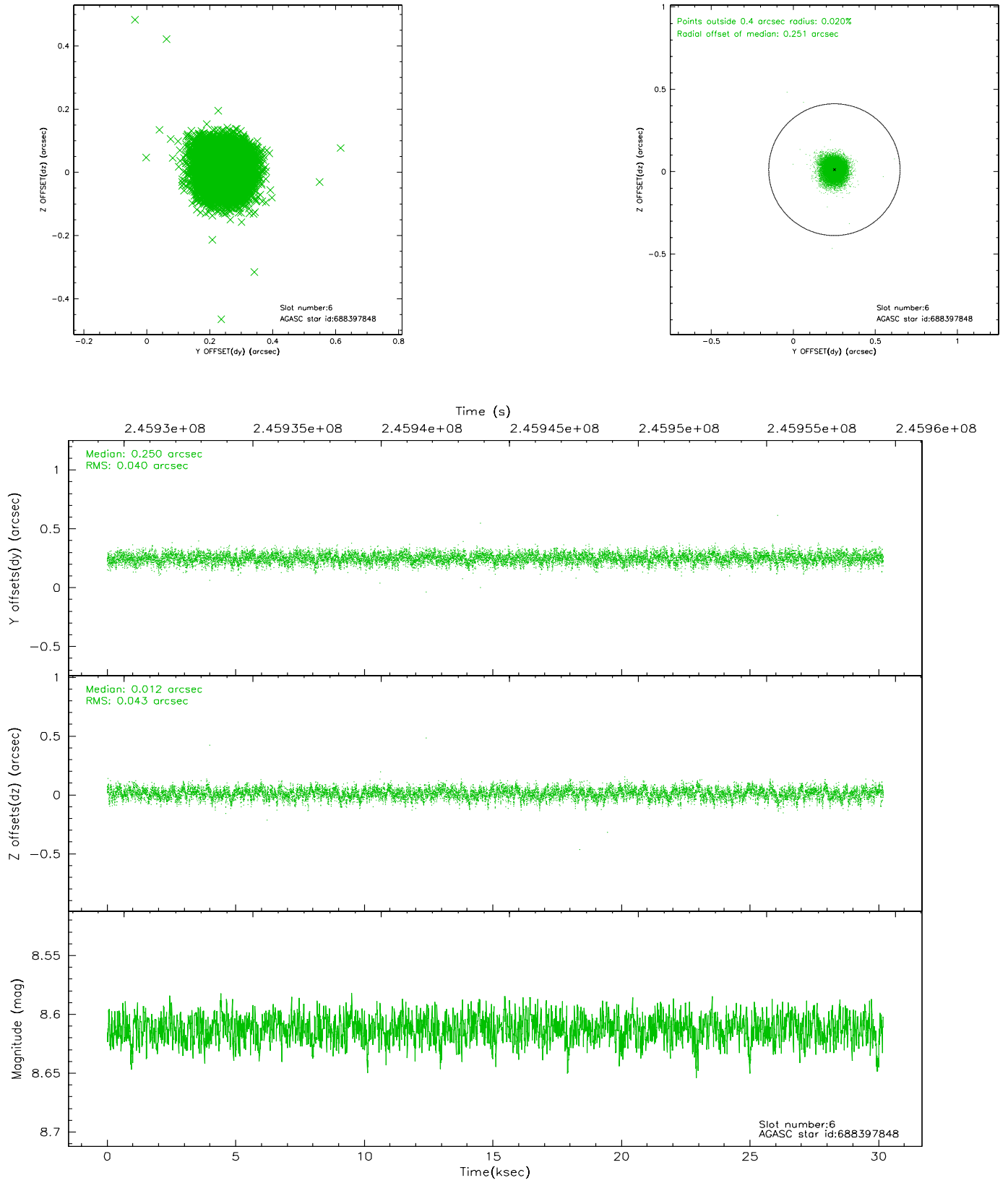
2.4.2 Slot 4



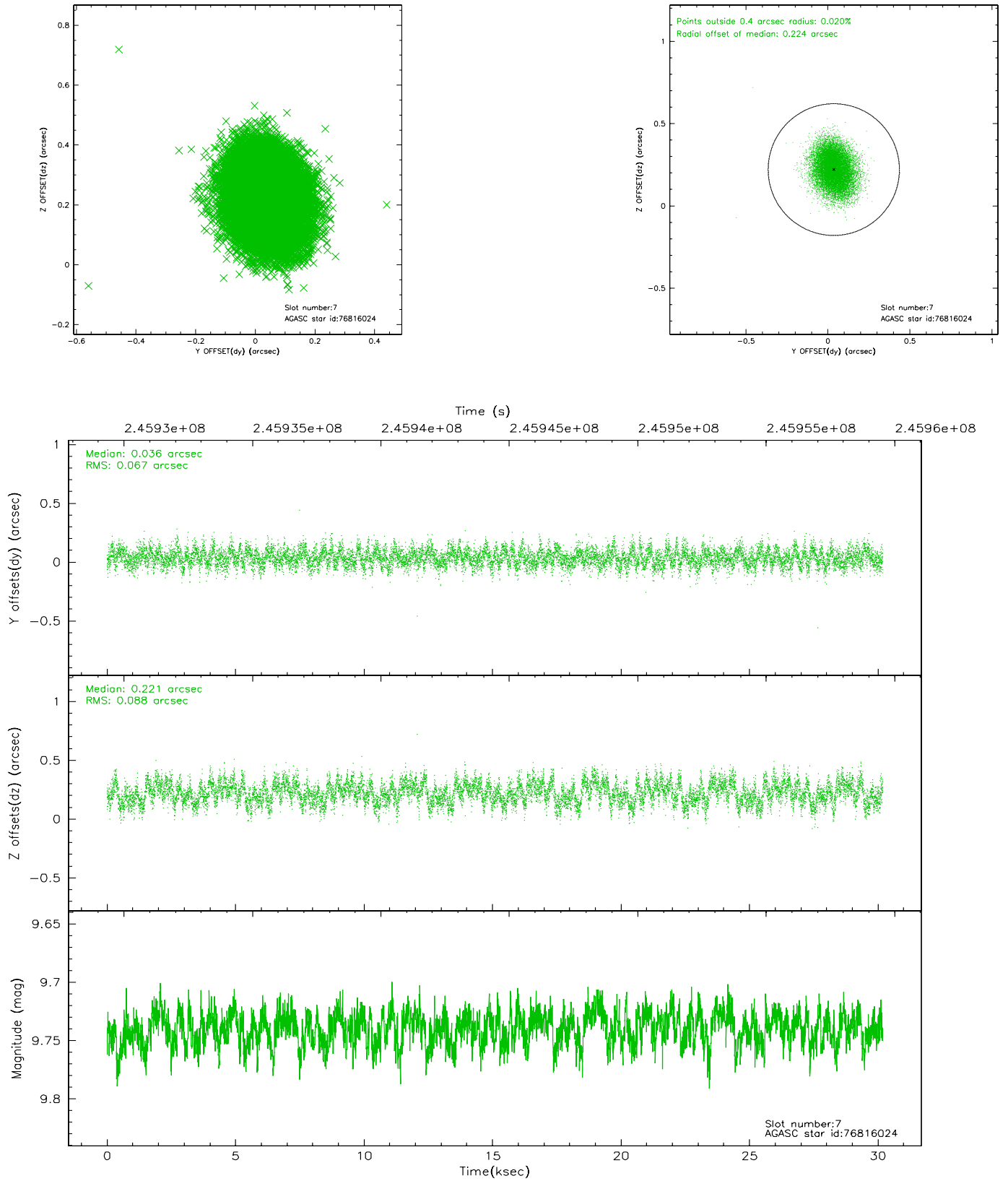
2.4.3 Slot 5



2.4.4 Slot 6

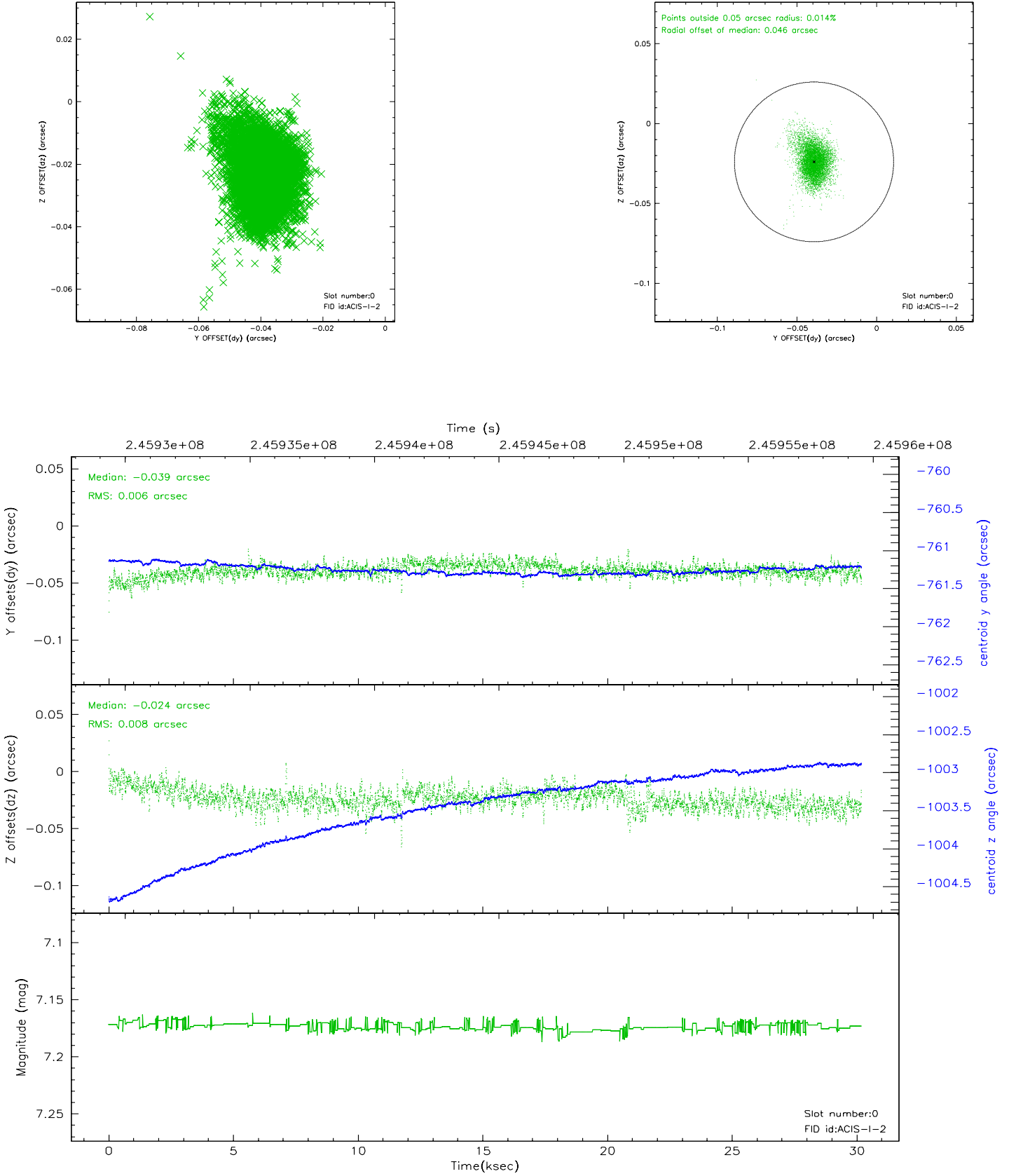


2.4.5 Slot 7

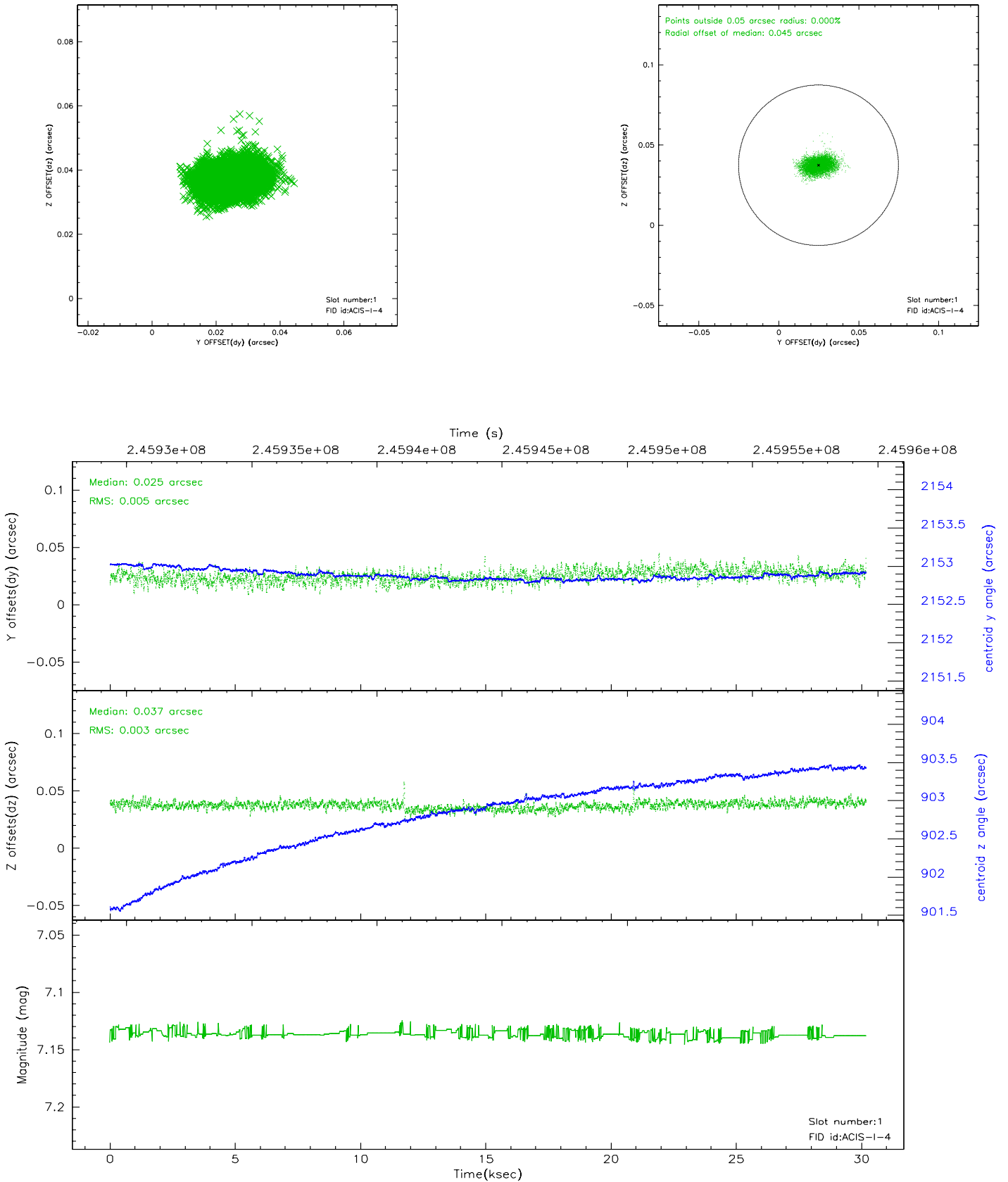


2.5 FID Slots

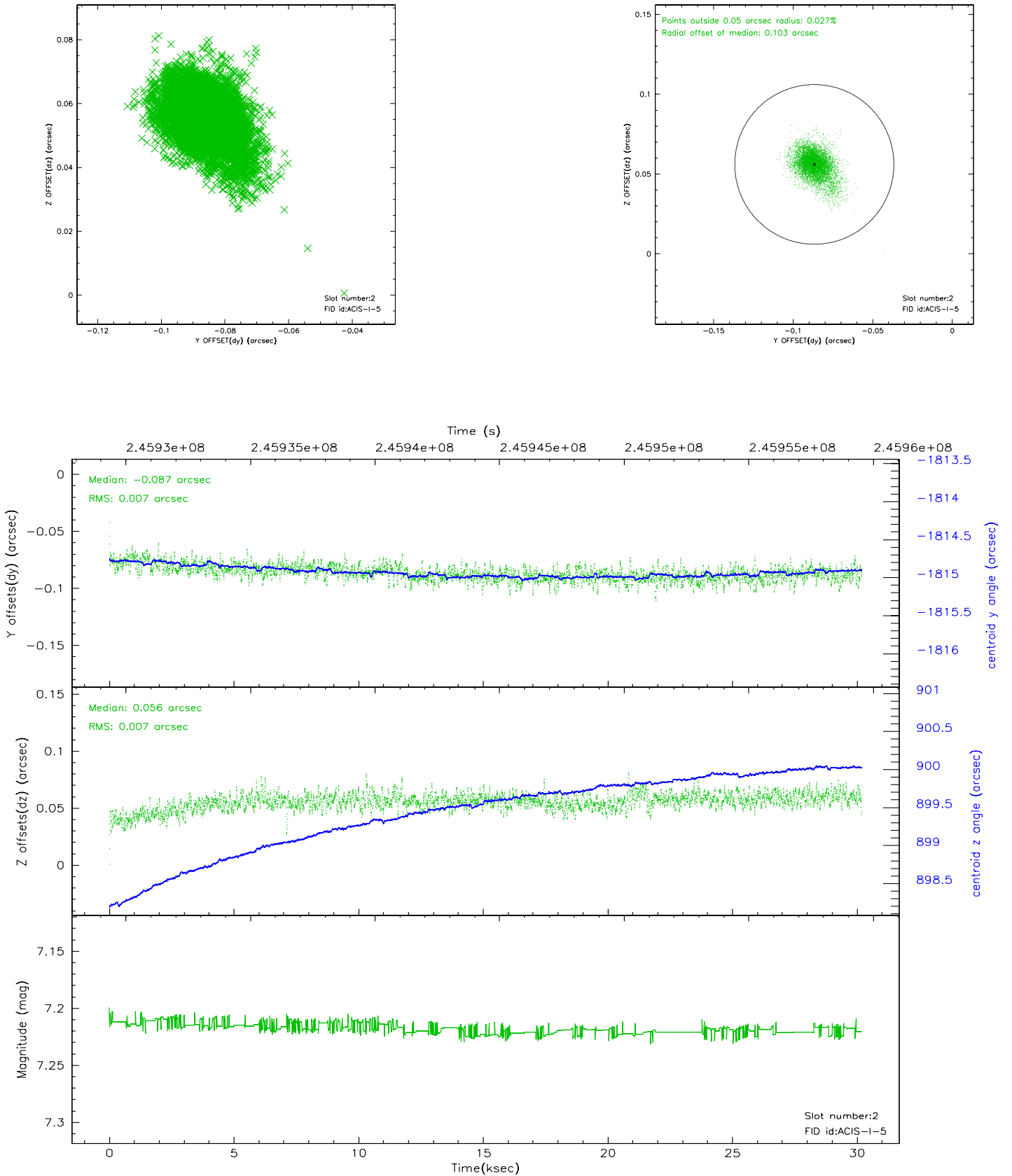
2.5.1 Slot 0



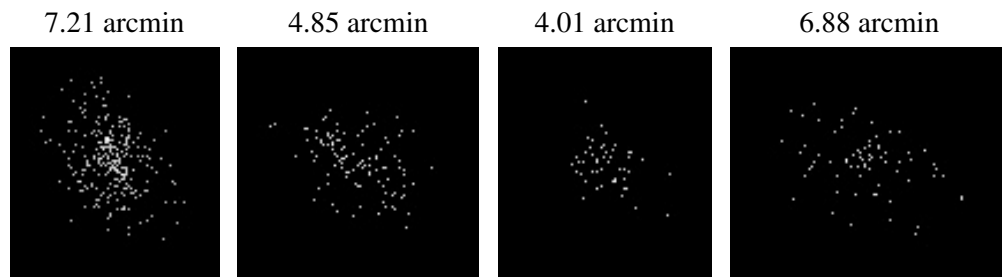
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.17535

A.2 Comments