

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5408 - L2 Version 003
Chandra X-Ray Center

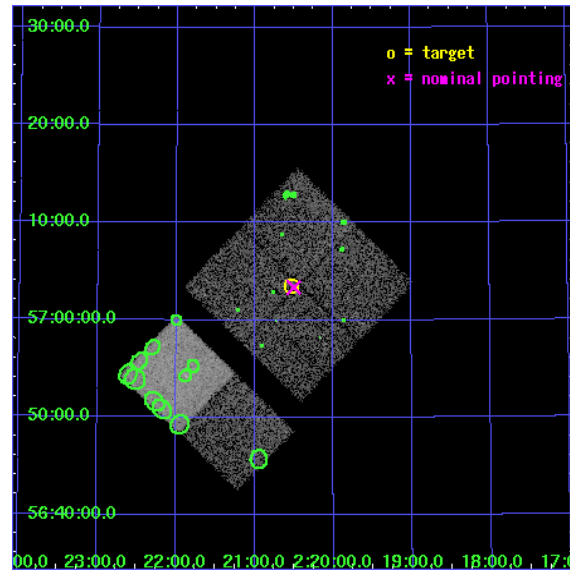
L2 Processing Date : Apr 10 2006

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1 Front

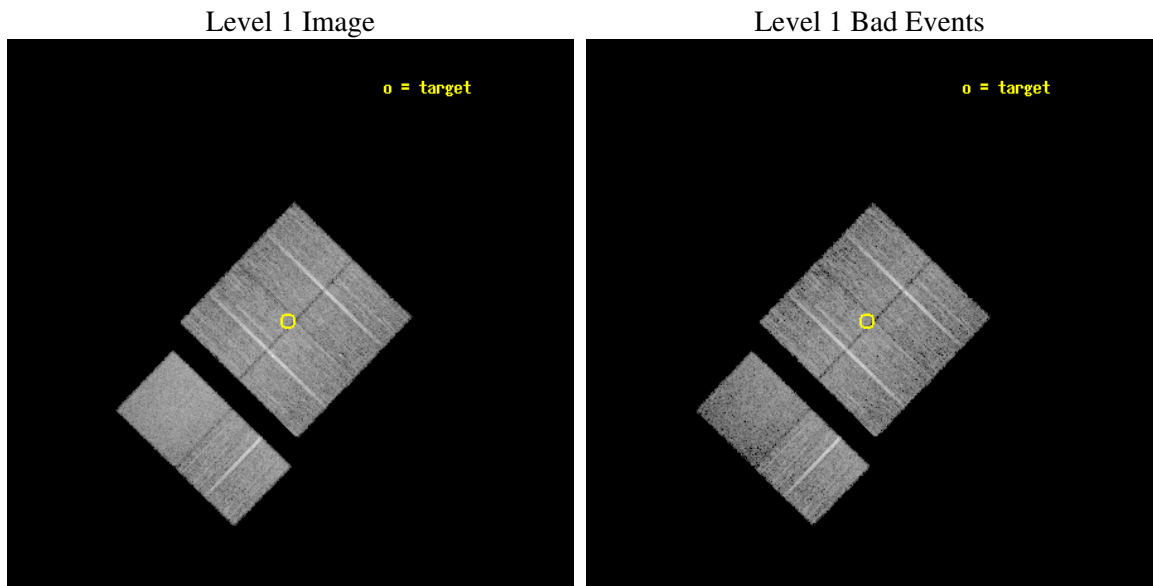
seq_num	200342
obs_id	5408
title	h and Chi Per: The Loudest Sources?
observer	Dr. Nancy Evans
object	Inter-Per
dtcycle	0
cycle	P
ra_targ	35.133333
dec_targ	57.057778
ra_nom	35.125412535918
dec_nom	57.05615746633
roll_nom	224.01886827887
revision	3
ontime	9951.9589627385
livetime	9825.9412660021
ontime0	9955.199962914
ontime1	9955.199962914
ontime2	9955.199962914
ontime3	9951.9589627385
ontime6	9951.9589627087
ontime7	9955.199962914
l2events	58015



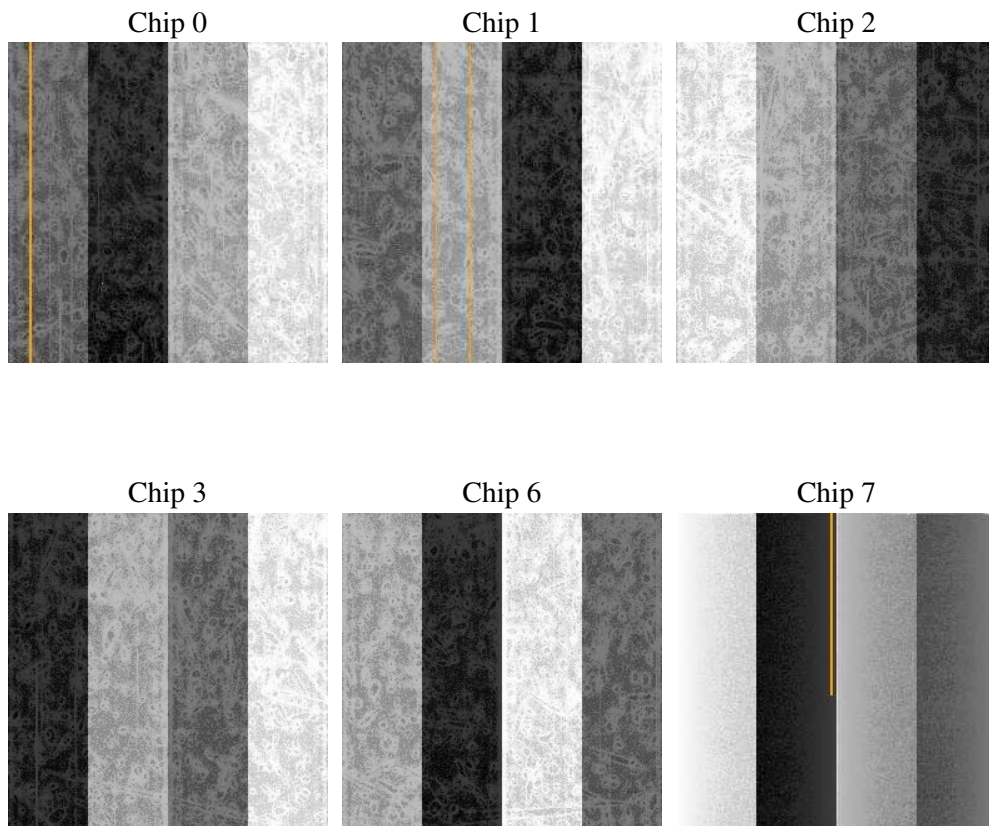
2 OBI

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	2006-04-10T21:17:19
revision	3

sched_exp_time	10000.000000
ontime	9959.6124979854
ontime0	9962.8534981608
ontime1	9962.8534981608
ontime2	9962.8534981608
ontime3	9959.6124979854
ontime6	9959.6124979556
ontime7	9962.8535180986
l1events	391635

2.1.4 Events

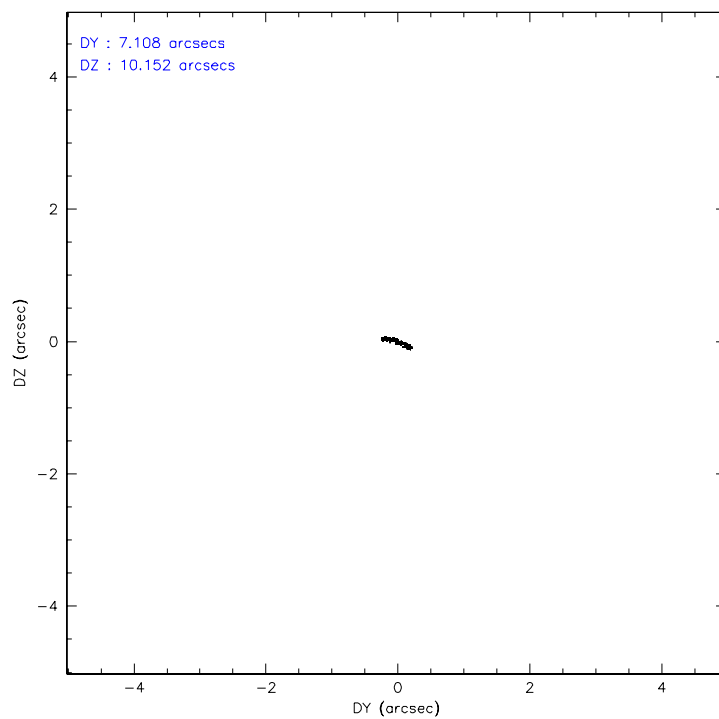
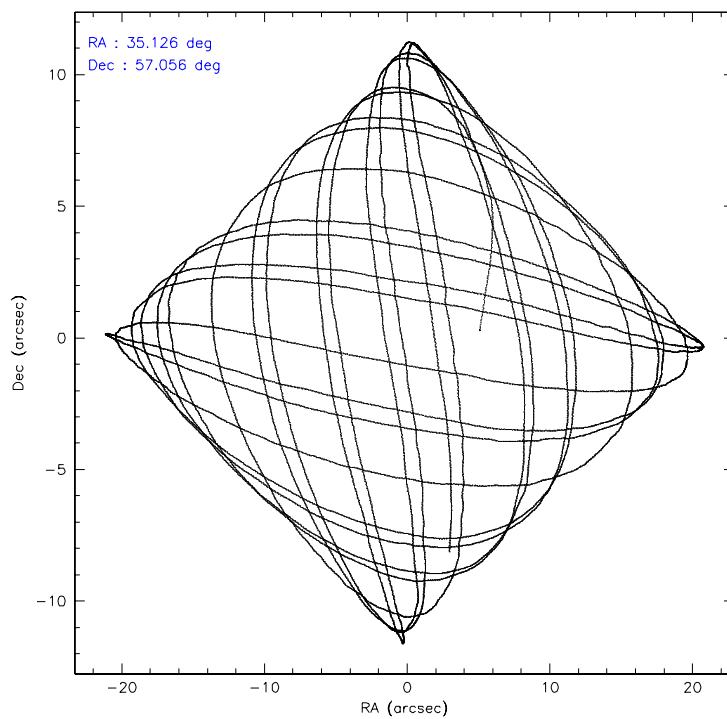
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	59318	60452	67245	65414	67023	72183
rejected events	52386	52970	60535	59145	60433	41724
rejected %	88%	87%	90%	90%	90%	57%

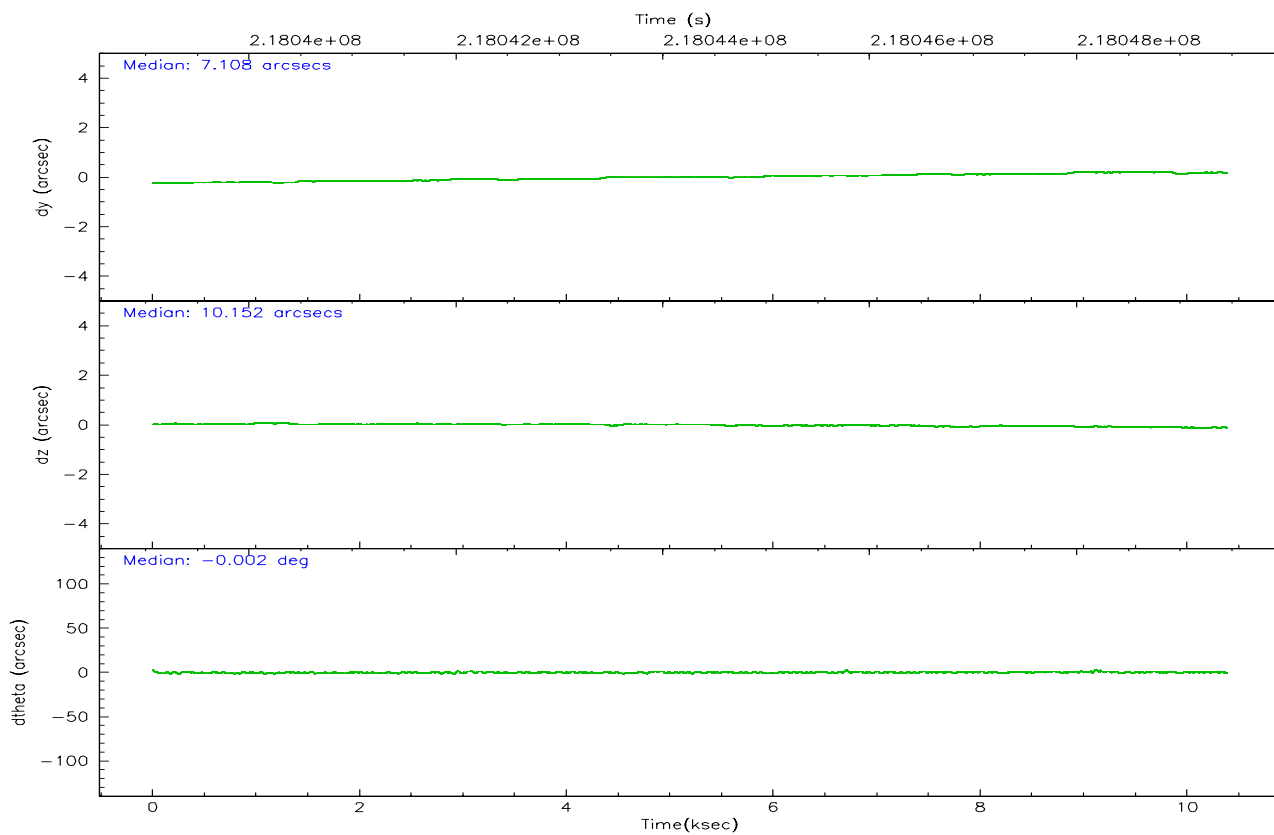
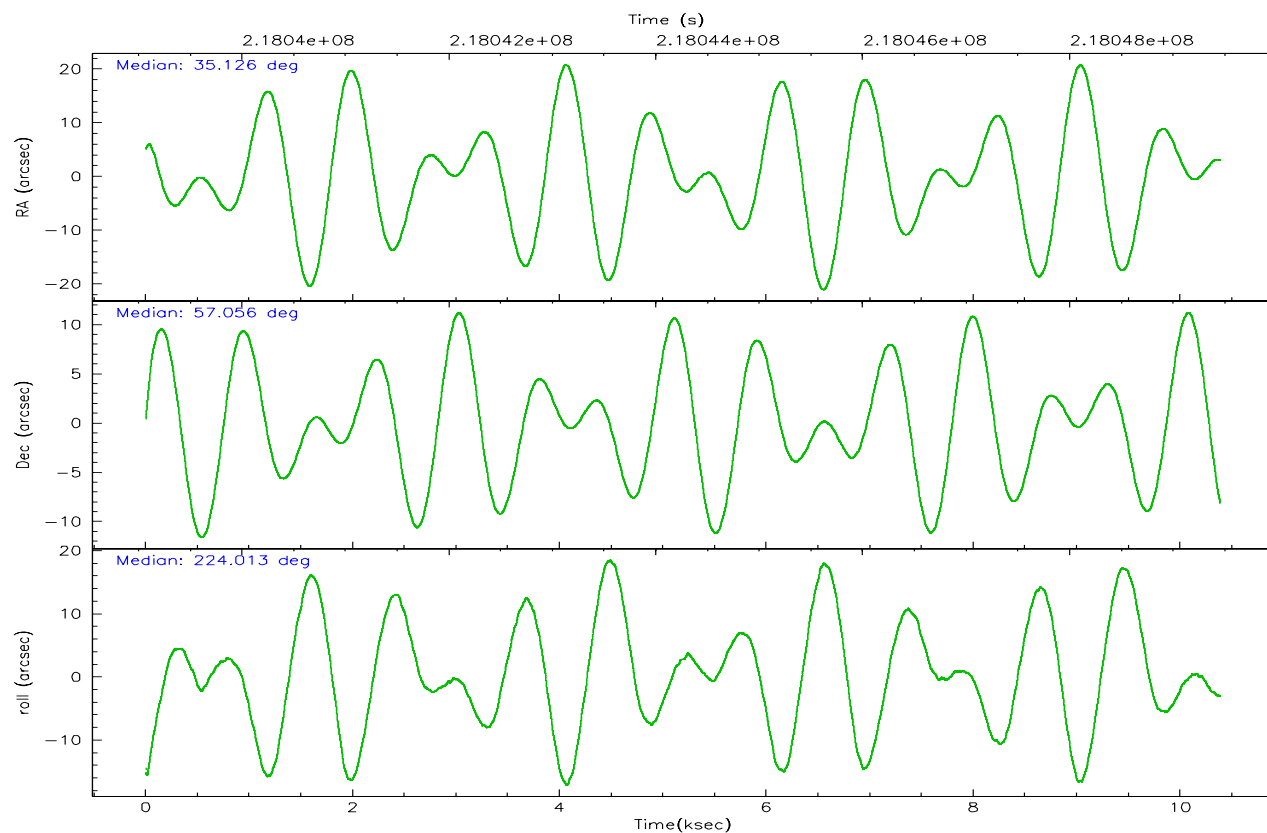
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2663	2855	2625	2491	2317	1780
	4%	4%	3%	3%	3%	2%
grade 1 events	37	36	50	35	35	42
	0%	0%	0%	0%	0%	0%
grade 2 events	1561	1610	1493	1259	1438	7546
	2%	2%	2%	1%	2%	10%
grade 3 events	775	820	761	665	749	1801
	1%	1%	1%	1%	1%	2%
grade 4 events	722	791	691	644	687	1782
	1%	1%	1%	0%	1%	2%
grade 5 events	2242	2473	2135	2604	2682	5426
	3%	4%	3%	3%	4%	7%
grade 6 events	1218	1410	1142	1216	1404	17572
	2%	2%	1%	1%	2%	24%
grade 7 events	50100	50457	58348	56500	57711	36234
	84%	83%	86%	86%	86%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	35.139062	35.12541253591766	Alternating exposures requested	N	N
Pointing Dec	57.082468	57.05615746632978	Primary exposure time	0.000000	3.2
Pointing Roll	223.798728	224.0188682788651			
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	218039463.184000	218038401.50708			
Observation start date	2004-11-28T14:29:59	2004-11-28T14:13:21			
Observation end time	218049463.184000	218050952.12015			
Observation end date	2004-11-28T17:16:39	2004-11-28T17:42:32			
Read mode	TIMED	TIMED			

2.3 Aspect



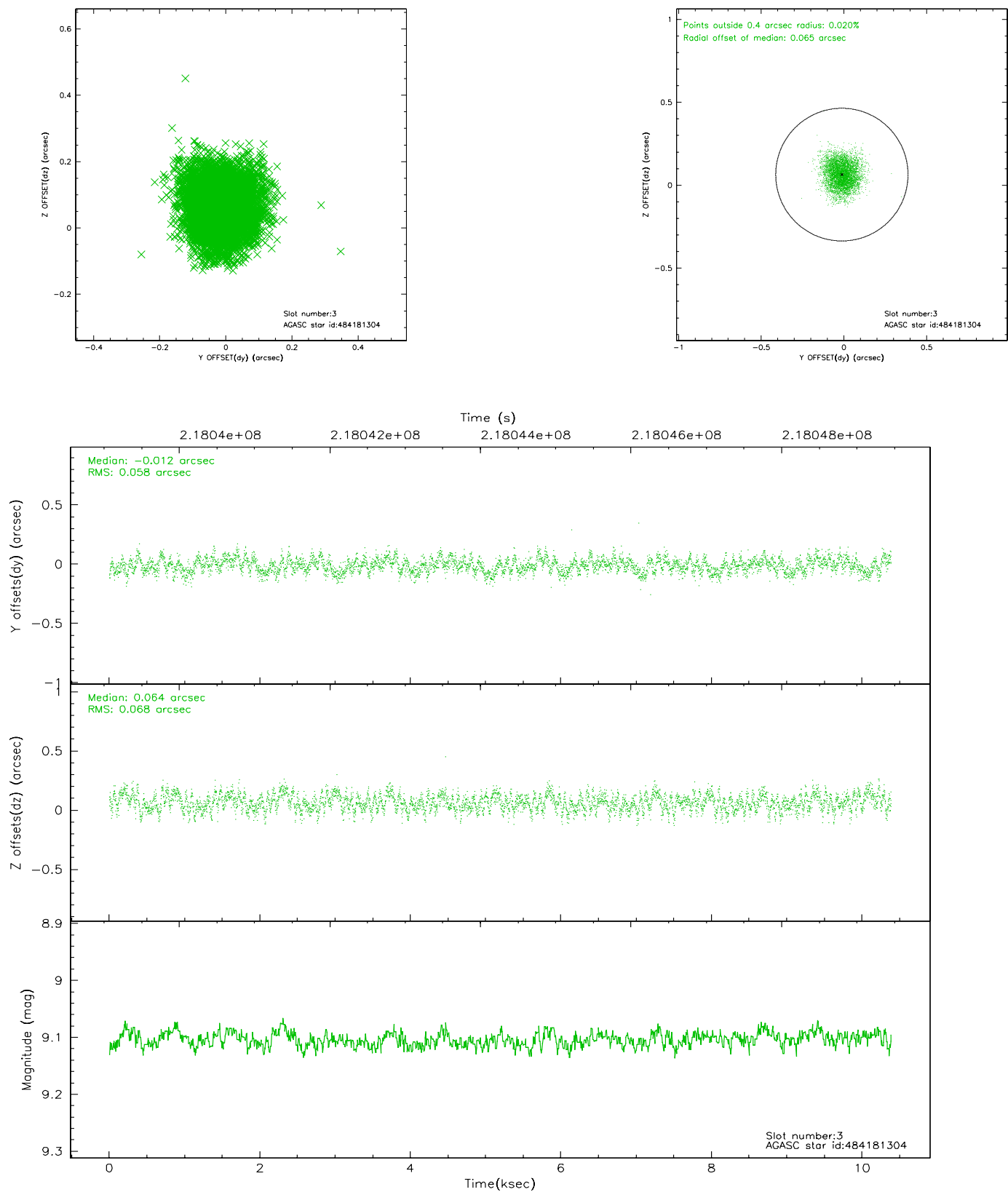


Slot Statistics

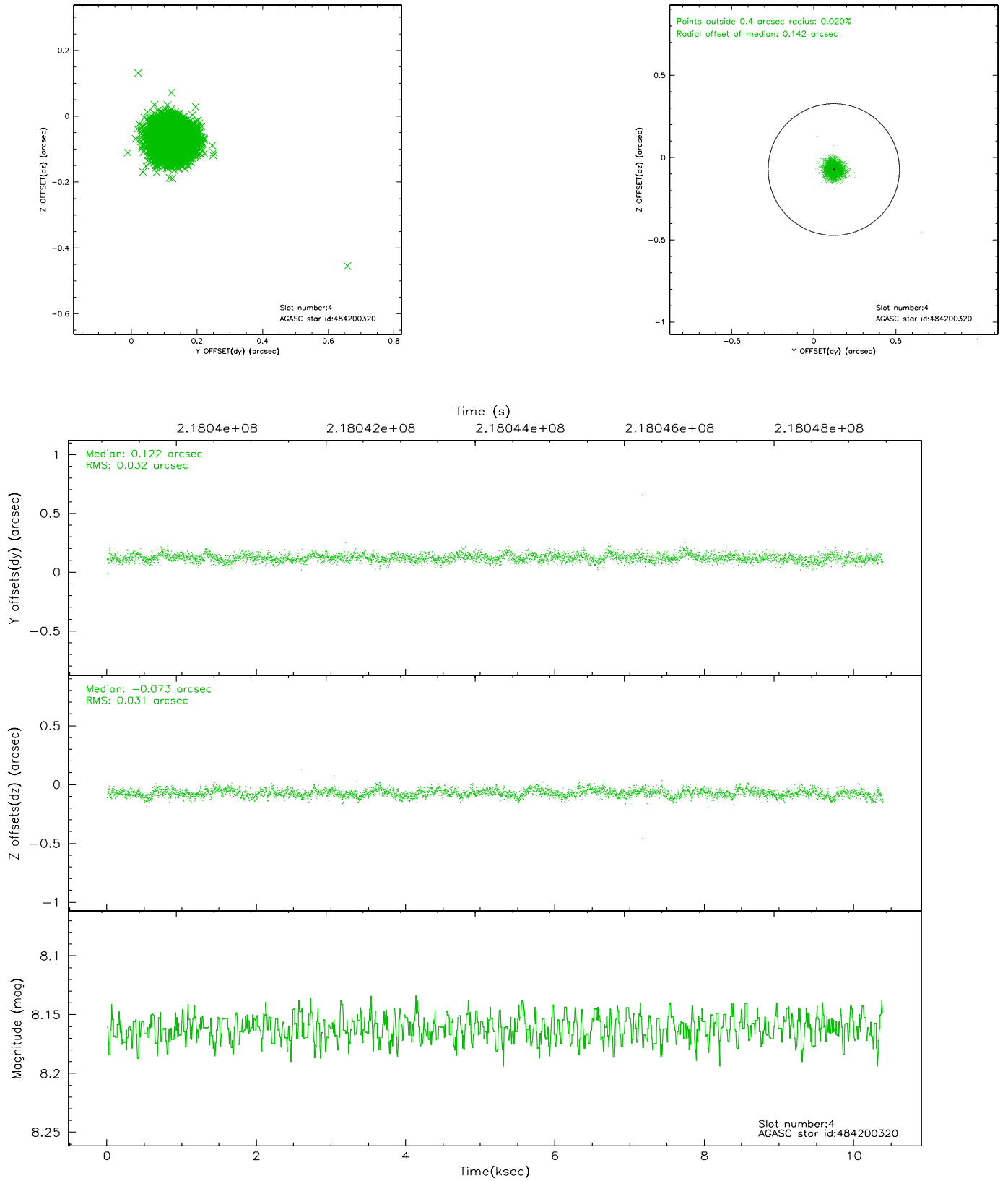
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	2534	-0.050	-0.050	0.010	0.017	0.000000	0.000000	-761.64	-840.03
1	FID	ACIS-I-4	7.18	2533	0.102	0.049	0.012	0.020	0.000000	0.000000	2152.34	1065.99
2	FID	ACIS-I-5	7.22	2534	-0.153	0.070	0.012	0.019	0.000000	0.000000	-1814.92	1064.43
3	GUIDE	484181304	9.10	5063	-0.012	0.064	0.096	0.151	35.161466	57.807187	-1836.06	-1853.44
4	GUIDE	484200320	8.16	5064	0.122	-0.073	0.046	0.076	34.602507	56.559914	2067.28	619.90
5	GUIDE	484201016	8.52	5065	0.027	-0.045	0.068	0.110	34.366863	57.365646	371.78	-1779.22
6	GUIDE	484202936	8.84	5063	-0.008	0.077	0.074	0.120	33.748683	57.221821	1590.37	-2257.52
7	GUIDE	484190192	7.96	5065	-0.124	-0.025	0.066	0.105	35.725949	56.623216	302.49	1993.86

2.4 Star Slots

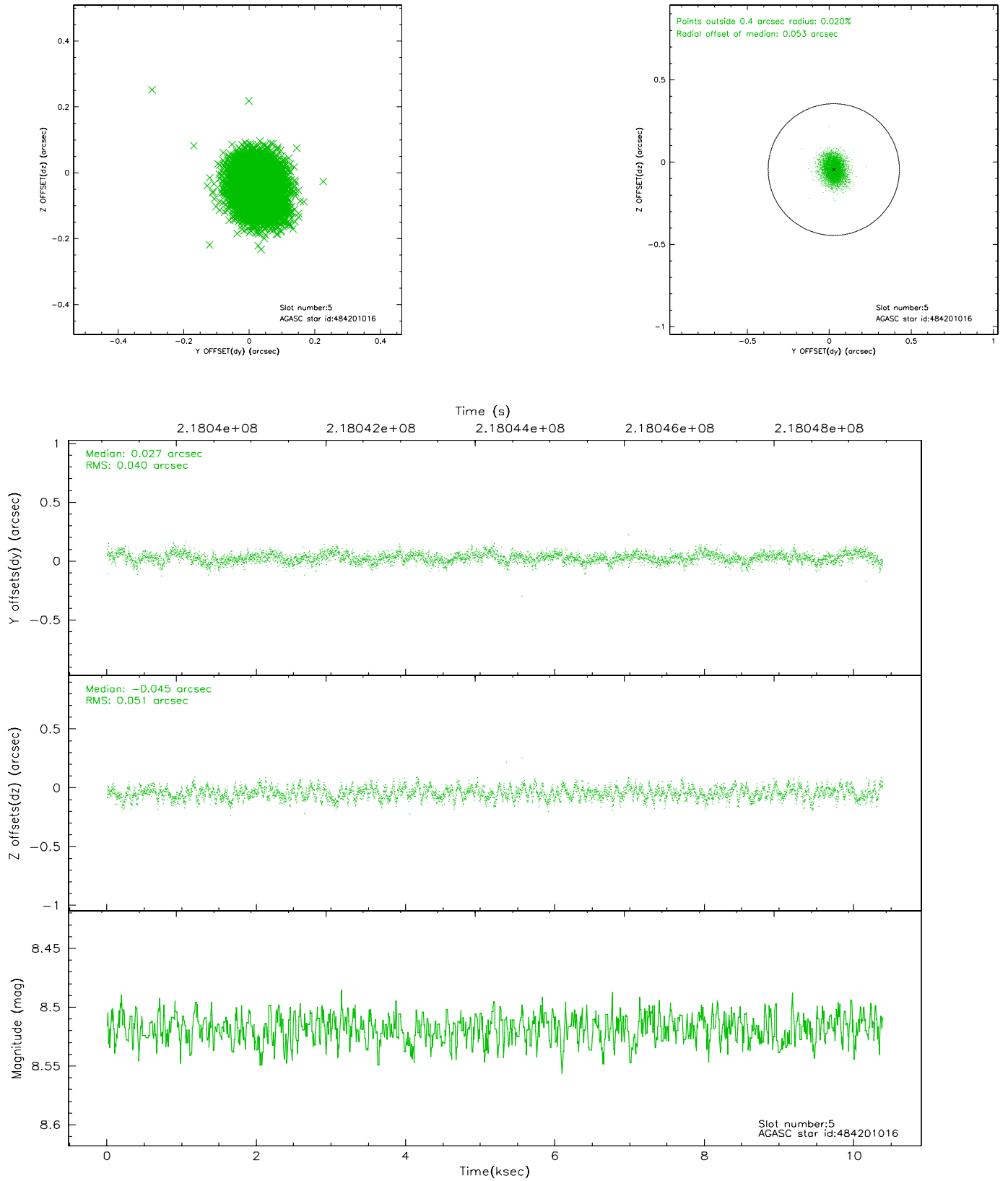
2.4.1 Slot 3



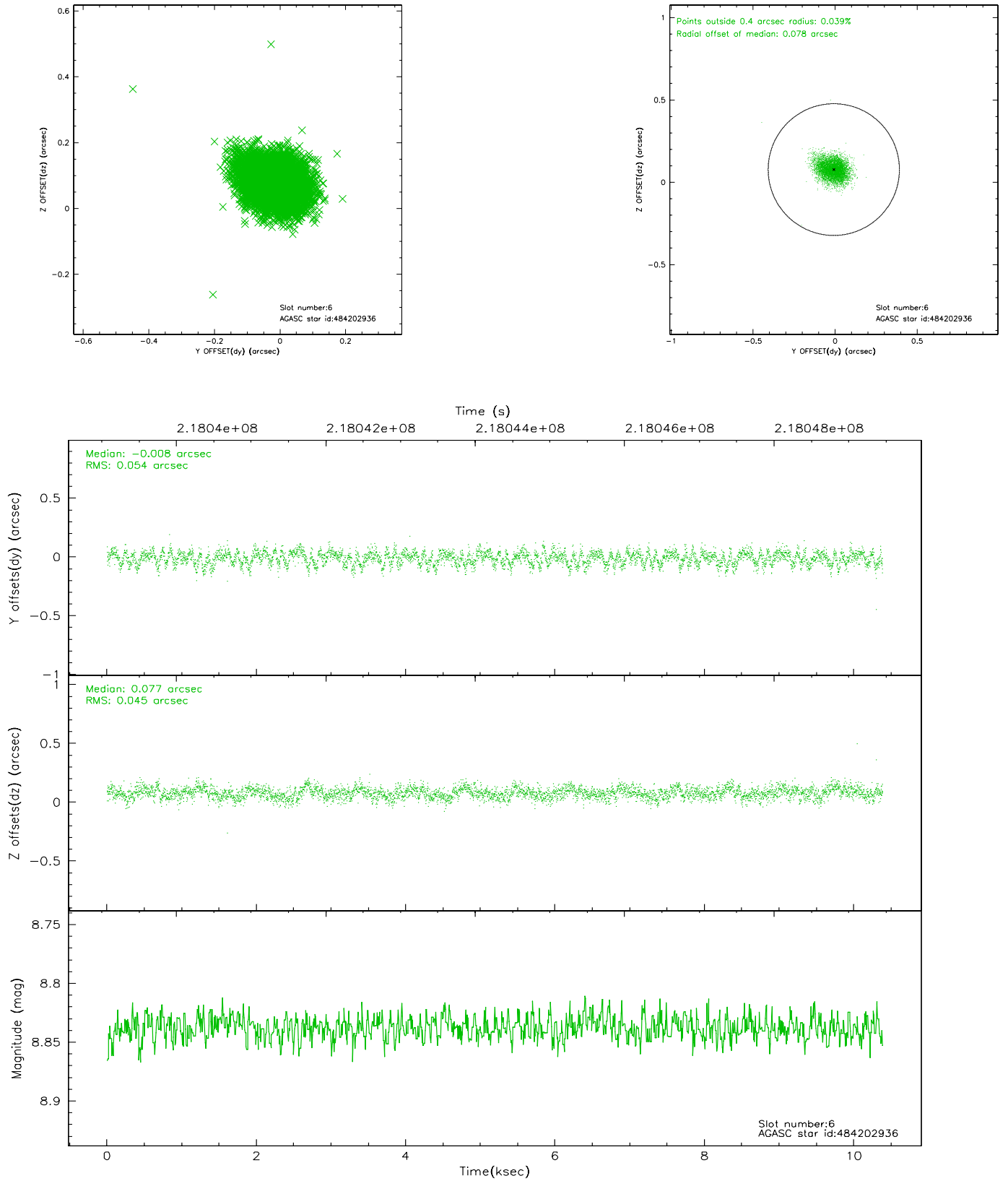
2.4.2 Slot 4



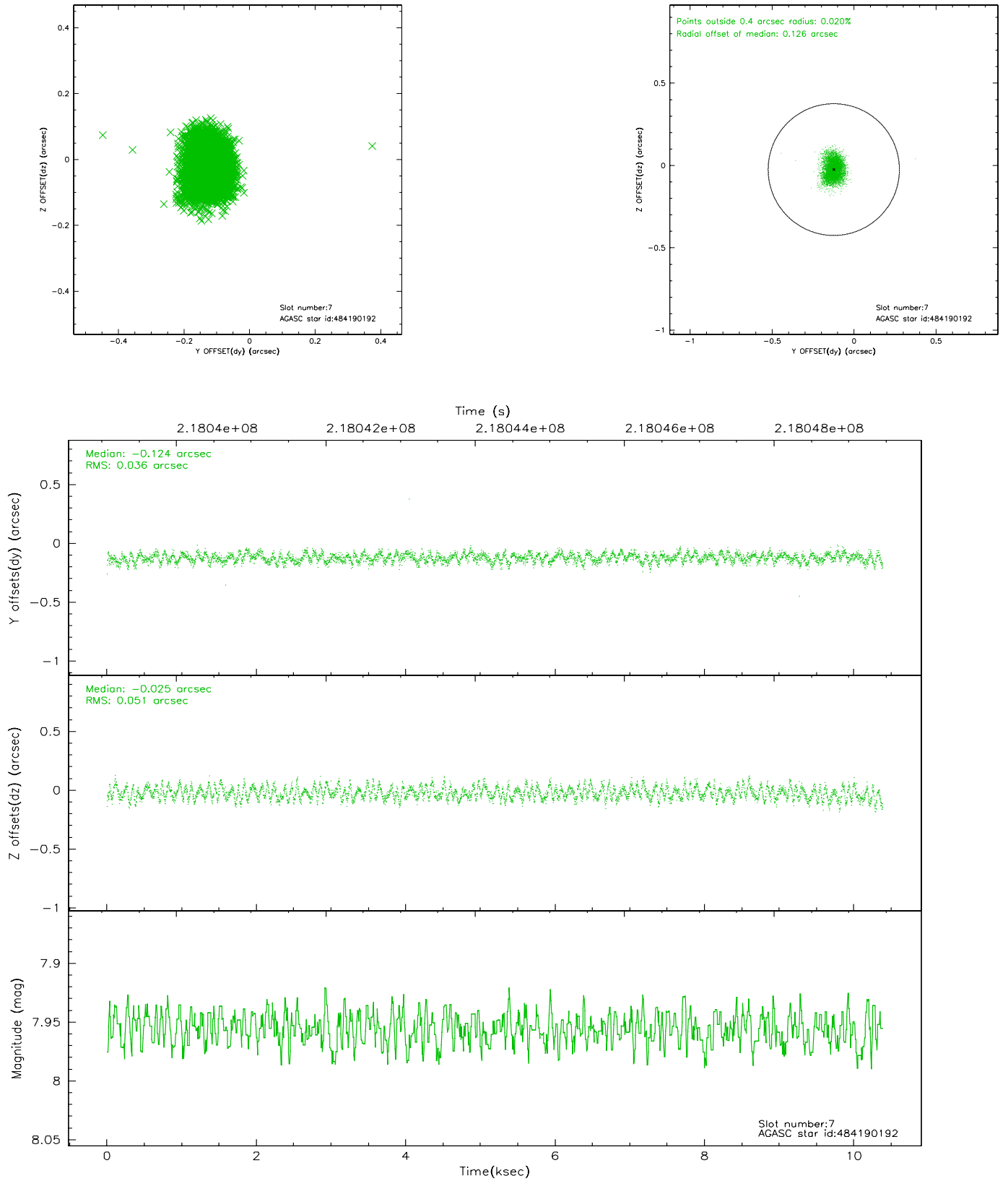
2.4.3 Slot 5



2.4.4 Slot 6

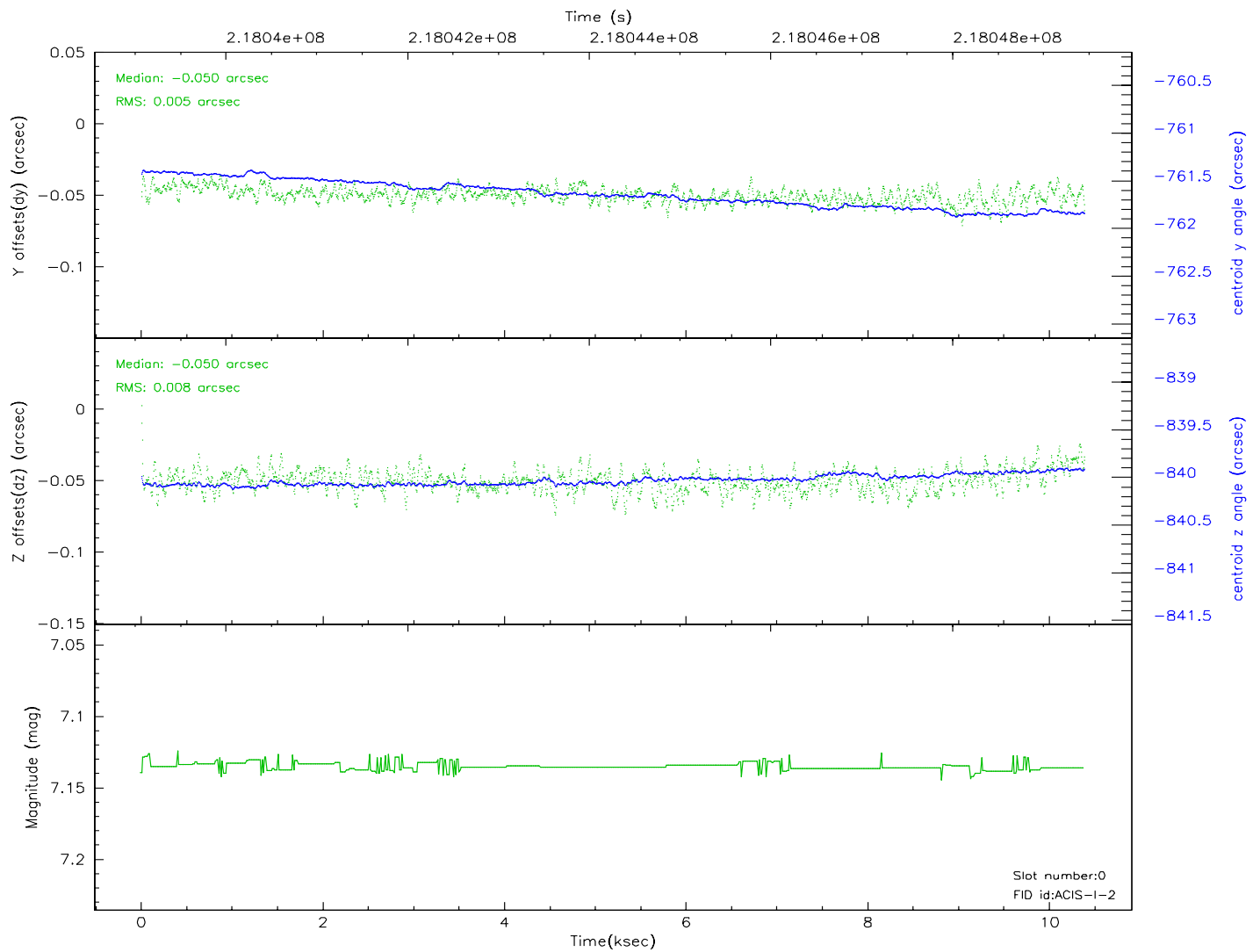
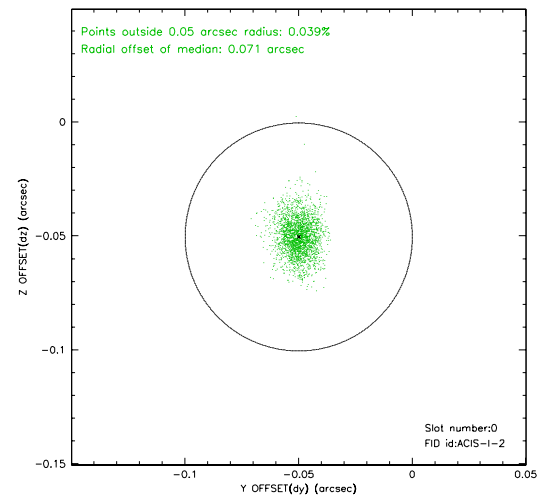
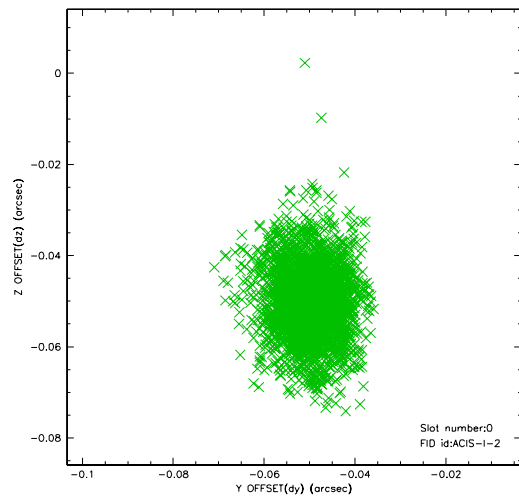


2.4.5 Slot 7

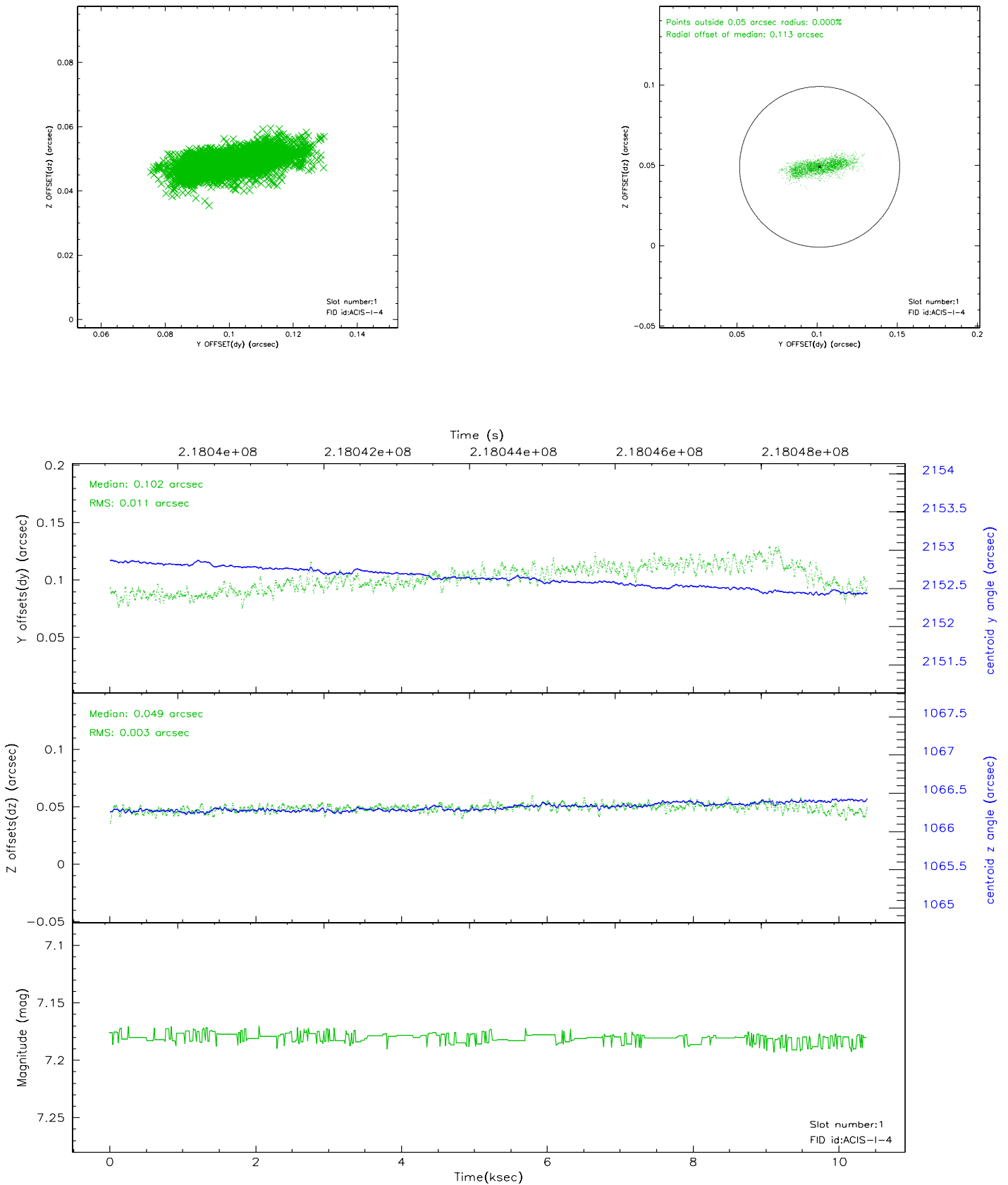


2.5 FID Slots

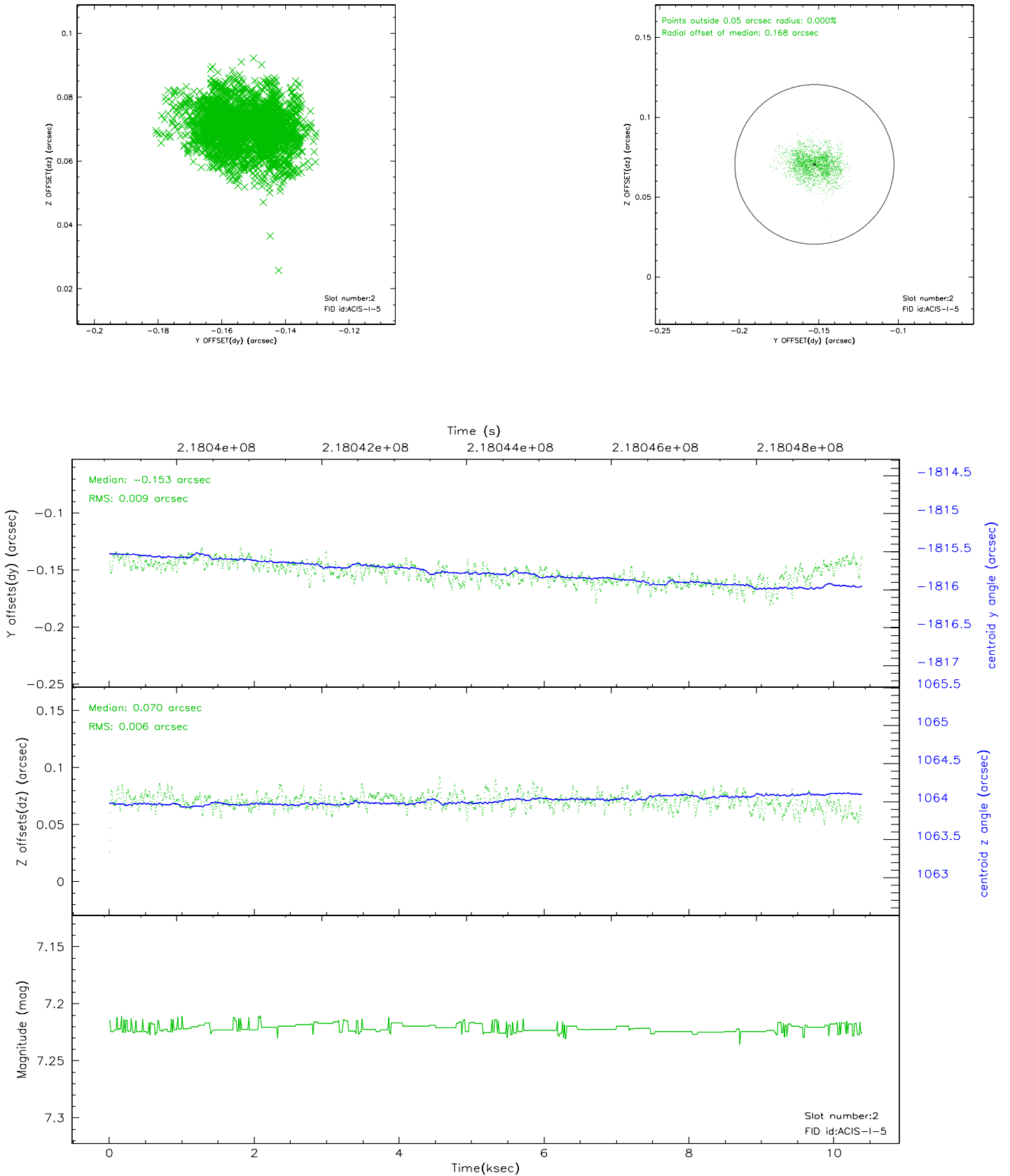
2.5.1 Slot 0



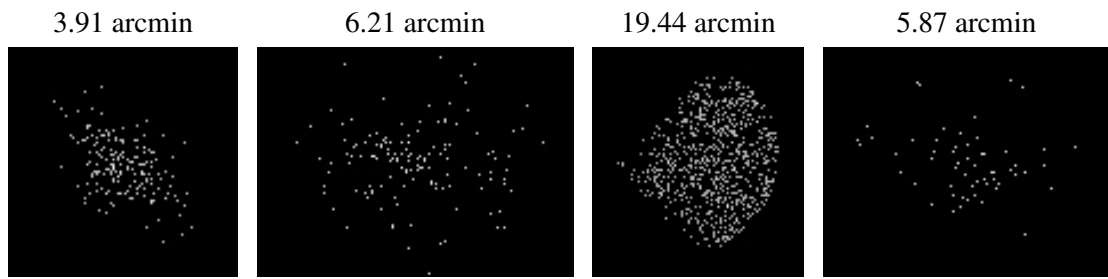
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.951958

A.2 Comments