

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4096 - L2 Version 001
Chandra X-Ray Center

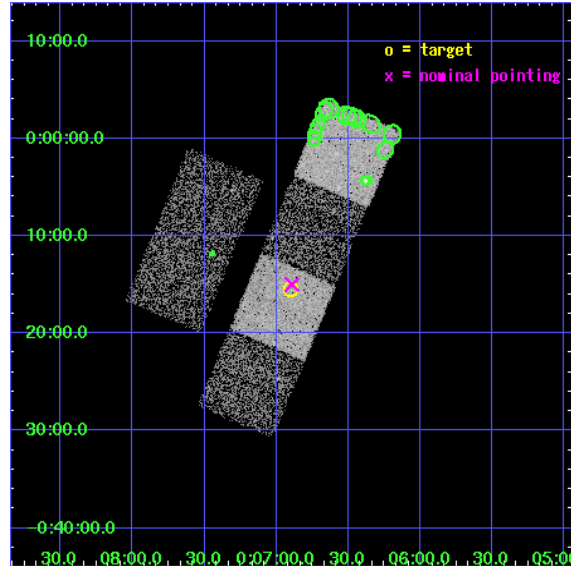
L2 Processing Date : Jul 12 2006

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

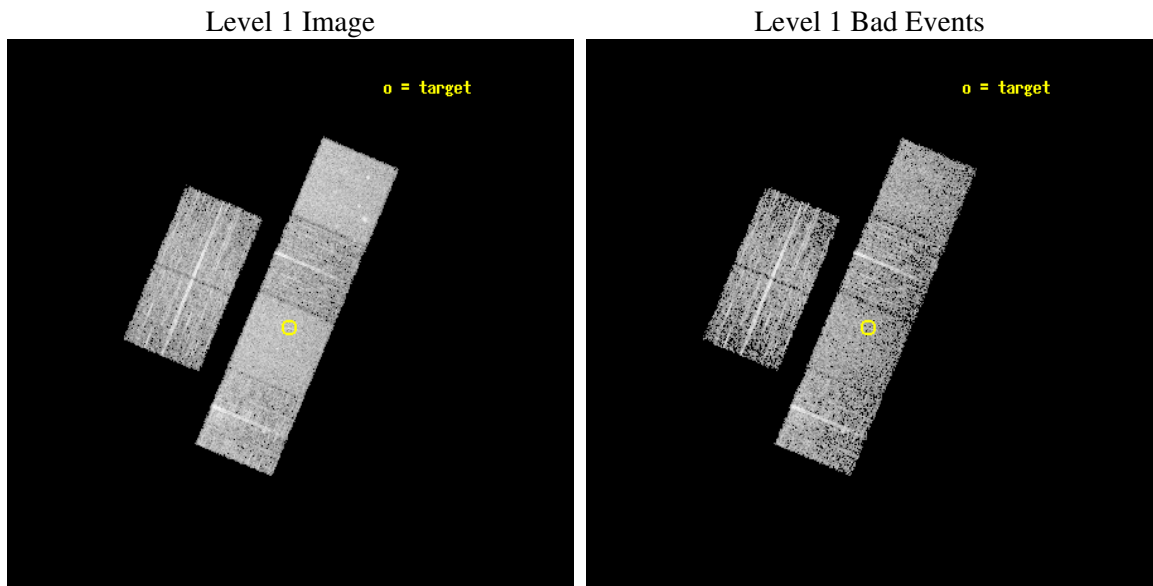
seq_num	700775
obs_id	4096
title	X-RAY CONSTRAINTS ON THE STRUCTURE OF THE BROAD EMISSION LINE REGION IN QUASARS
observer	Gordon Richards
object	SDSS J000654.11-001533.4
dtcycle	0
cycle	P
ra_targ	1.725417
dec_targ	-0.259278
ra_nom	1.7232620368585
dec_nom	-0.24986612315255
roll_nom	112.8304824113
revision	2
ontime	4508.7999832034
livetime	4451.7068429427
ontime2	4508.7999832034
ontime3	4508.7999832034
ontime5	4508.7999832034
ontime6	4508.7999832034
ontime7	4508.7999832034
ontime8	4508.7999832034
l2events	46000



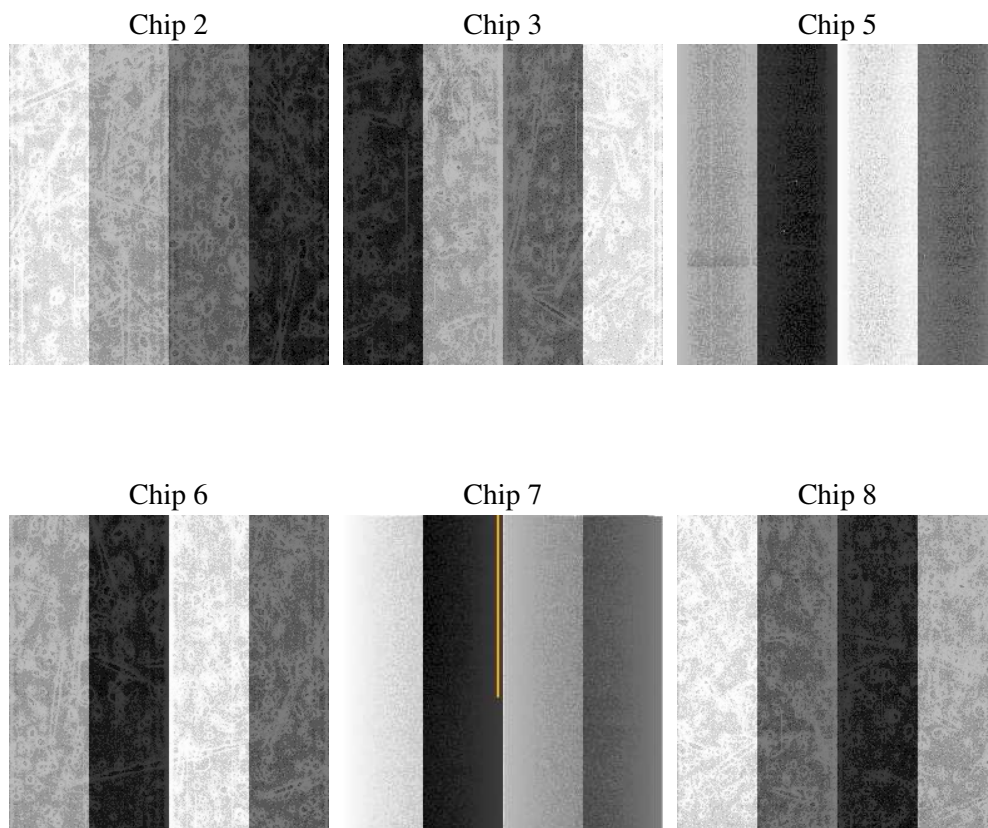
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-12T18:00:29
revision	2

sched_exp_time	4550.000000
ontime	4514.7191528678
ontime2	4514.7191528678
ontime3	4514.7191528678
ontime5	4514.7191727459
ontime6	4514.7191528678
ontime7	4514.7191528678
ontime8	4514.7191528678
l1events	200544

2.1.4 Events

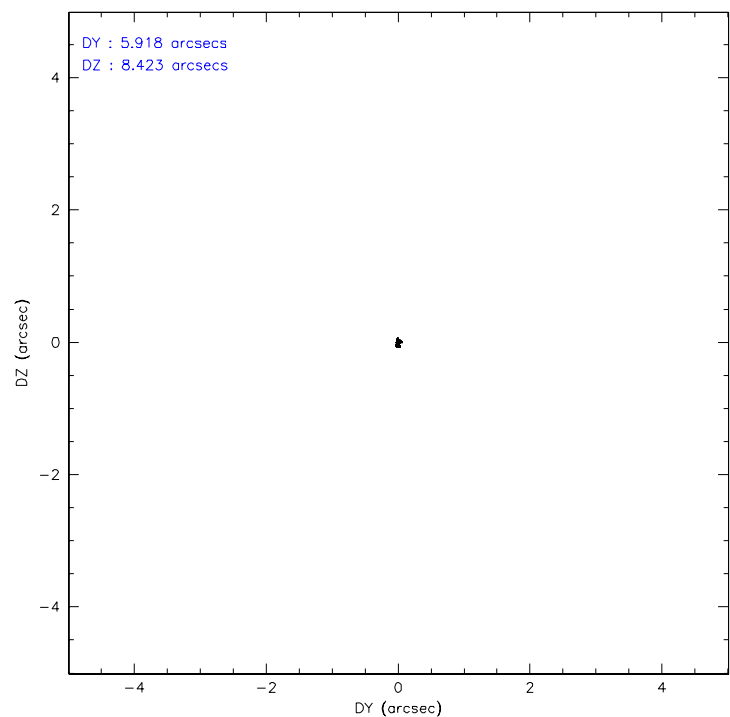
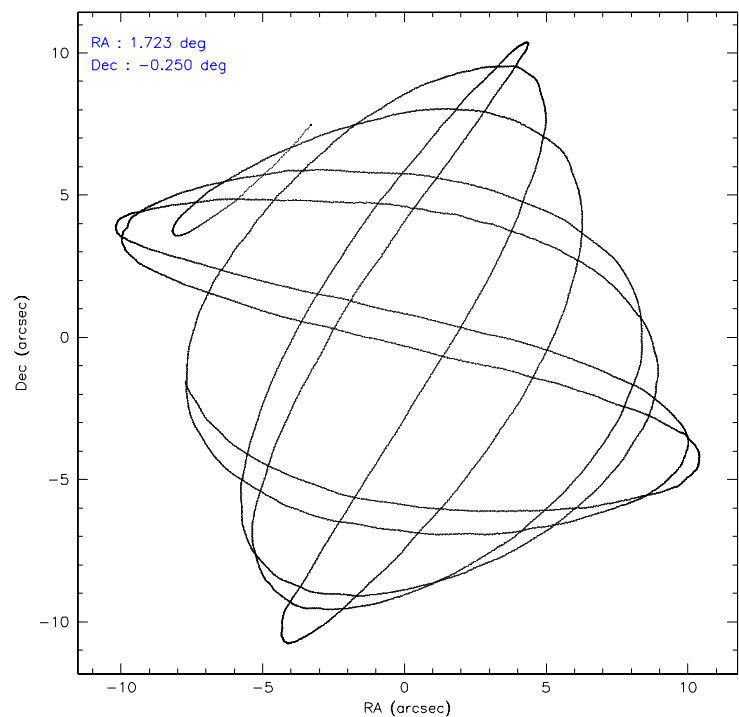
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	29619	27790	42193	27473	39068	34401
rejected events	26200	24536	23172	24043	23333	27046
rejected %	88%	88%	54%	87%	59%	78%

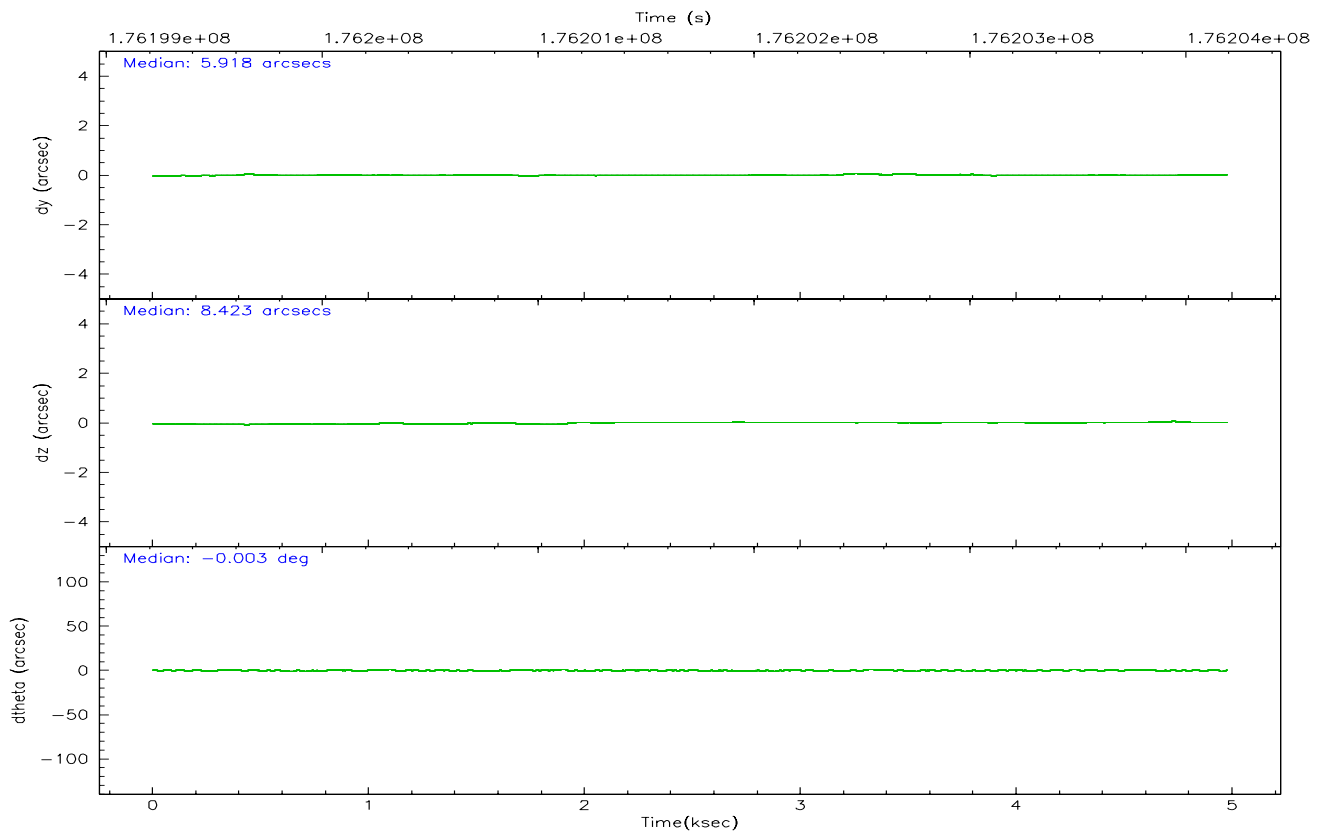
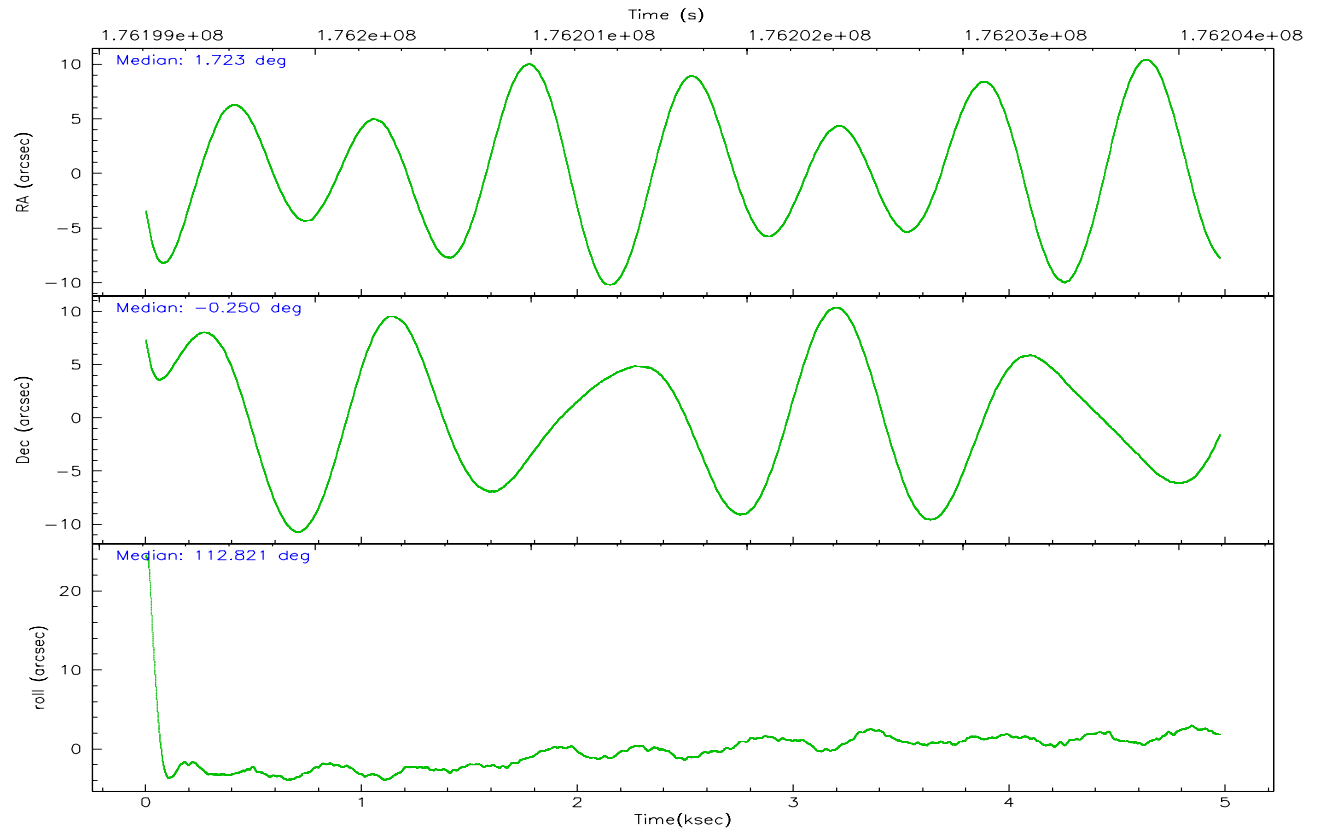
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1528	1466	1325	1508	948	2639
	5%	5%	3%	5%	2%	7%
grade 1 events	18	17	36	7	21	21
	0%	0%	0%	0%	0%	0%
grade 2 events	694	621	5822	652	3796	1480
	2%	2%	13%	2%	9%	4%
grade 3 events	311	317	453	311	784	787
	1%	1%	1%	1%	2%	2%
grade 4 events	321	307	431	309	806	708
	1%	1%	1%	1%	2%	2%
grade 5 events	1114	1223	1920	1236	2531	1679
	3%	4%	4%	4%	6%	4%
grade 6 events	569	551	11026	654	9423	1744
	1%	1%	26%	2%	24%	5%
grade 7 events	25064	23288	21180	22796	20759	25343
	84%	83%	50%	82%	53%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	NONE	NONE
Pointing RA	1.745206	1.723262036858547	Alternating exposures requested	N	N
Pointing Dec	-0.266006	-0.2498661231525523	Primary exposure time	0.000000	3.2
Pointing Roll	112.673868	112.8304824112957			
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	176199644.184000	176198559.77091			
Observation start date	2003-08-02T08:19:40	2003-08-02T08:02:39			
Observation end time	176204194.184000	176204998.82119			
Observation end date	2003-08-02T09:35:30	2003-08-02T09:49:58			
Read mode	TIMED	TIMED			

2.3 Aspect



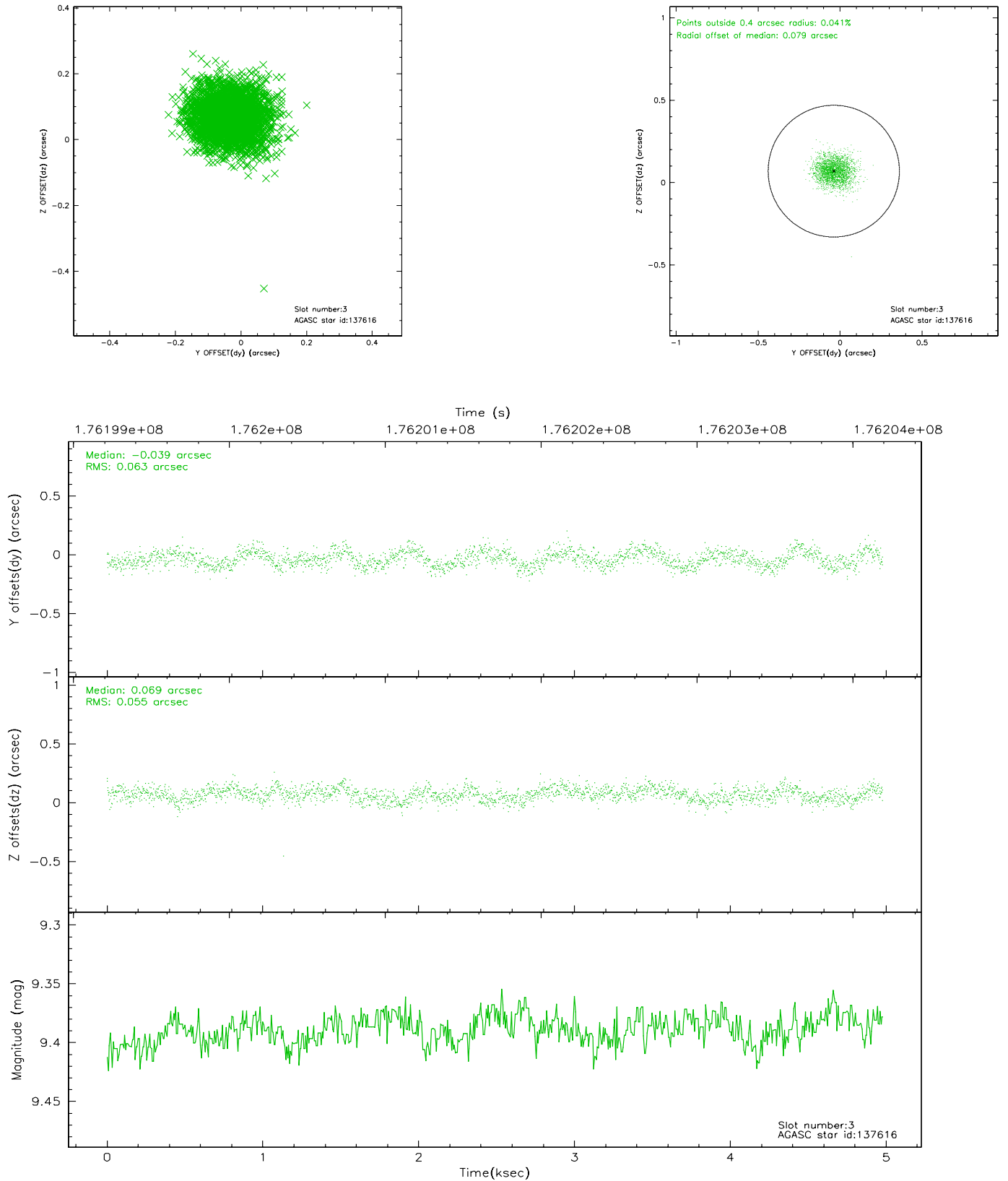


Slot Statistics

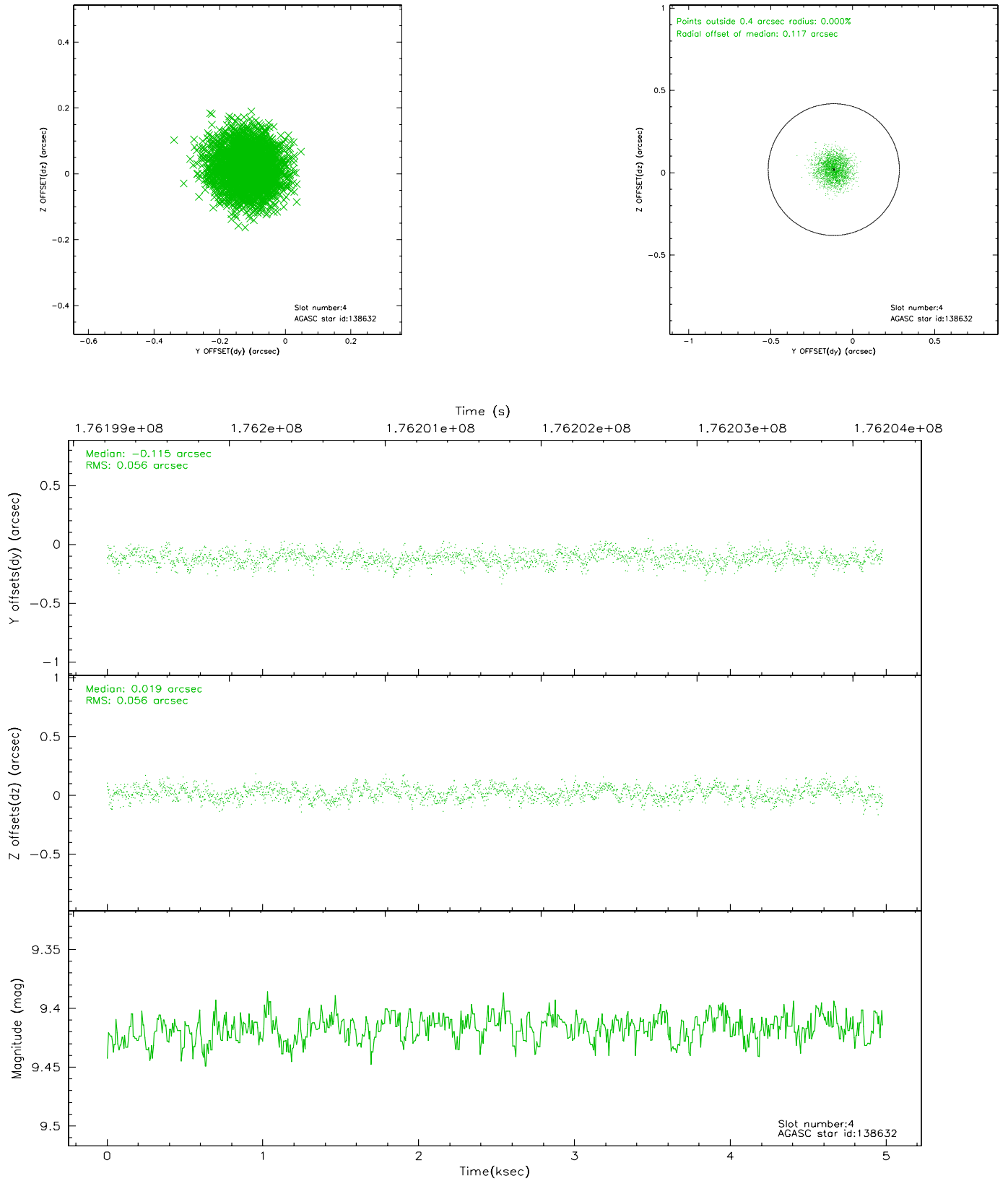
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1214	-0.022	-0.010	0.006	0.010	0.000000	0.000000	-758.68	-1729.62
1	FID	ACIS-S-4	7.20	1214	0.011	0.013	0.005	0.008	0.000000	0.000000	2154.10	177.59
2	FID	ACIS-S-5	7.23	1214	-0.020	0.006	0.006	0.010	0.000000	0.000000	-1809.93	172.70
3	GUIDE	137616	9.39	2428	-0.039	0.069	0.089	0.139	1.910737	0.179097	1249.29	-1167.49
4	GUIDE	138632	9.42	2429	-0.115	0.019	0.086	0.131	1.786186	0.339837	1956.47	-977.25
5	GUIDE	138904	9.24	2427	0.029	0.051	0.081	0.134	1.959050	0.129938	1019.57	-1260.46
6	GUIDE	611191016	10.05	2429	0.267	0.065	0.121	0.200	1.849398	-0.356076	-442.77	-221.85
7	GUIDE	611192512	9.12	2427	-0.147	-0.203	0.093	0.147	1.062008	-0.007399	1806.79	1910.37

2.4 Star Slots

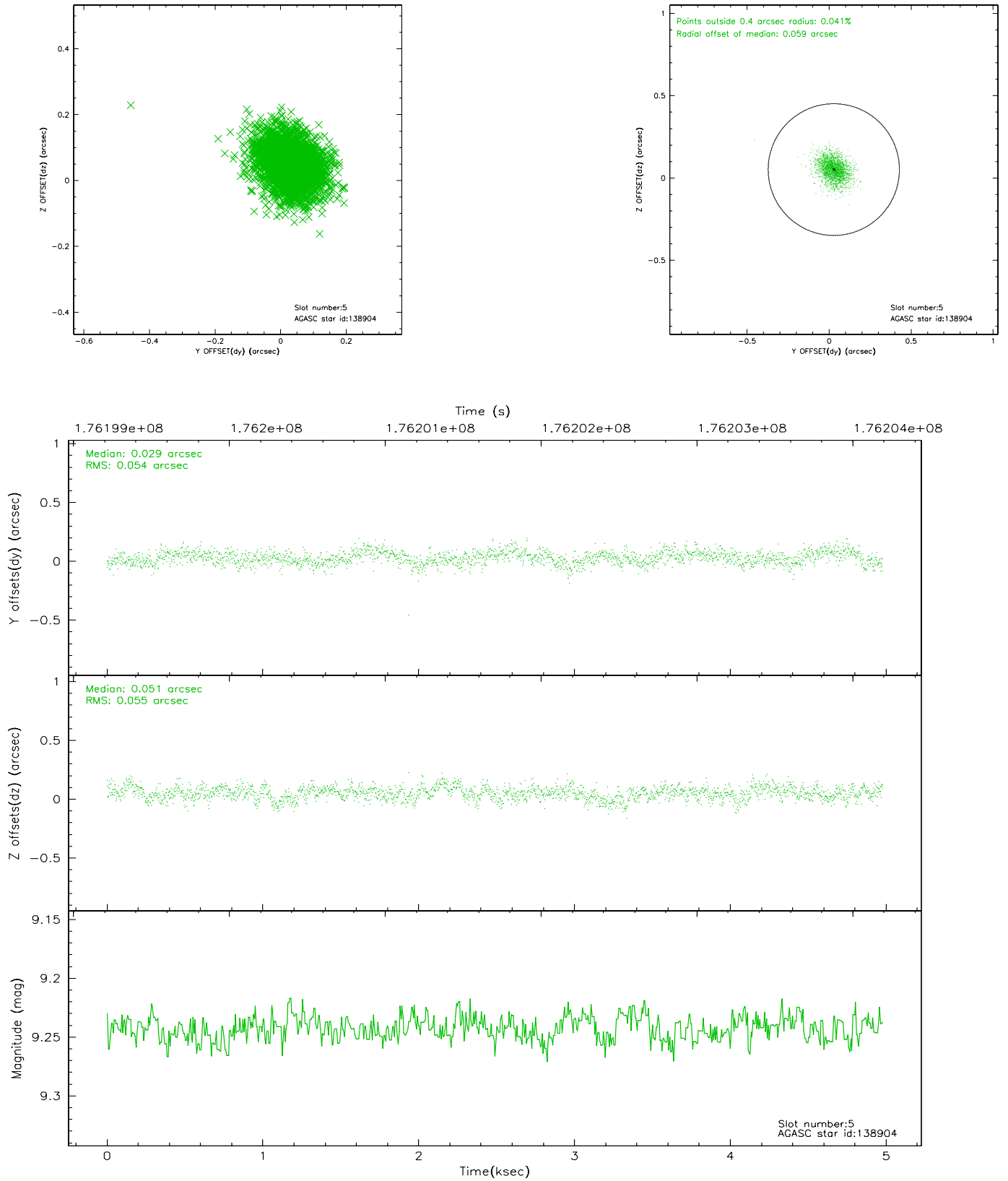
2.4.1 Slot 3



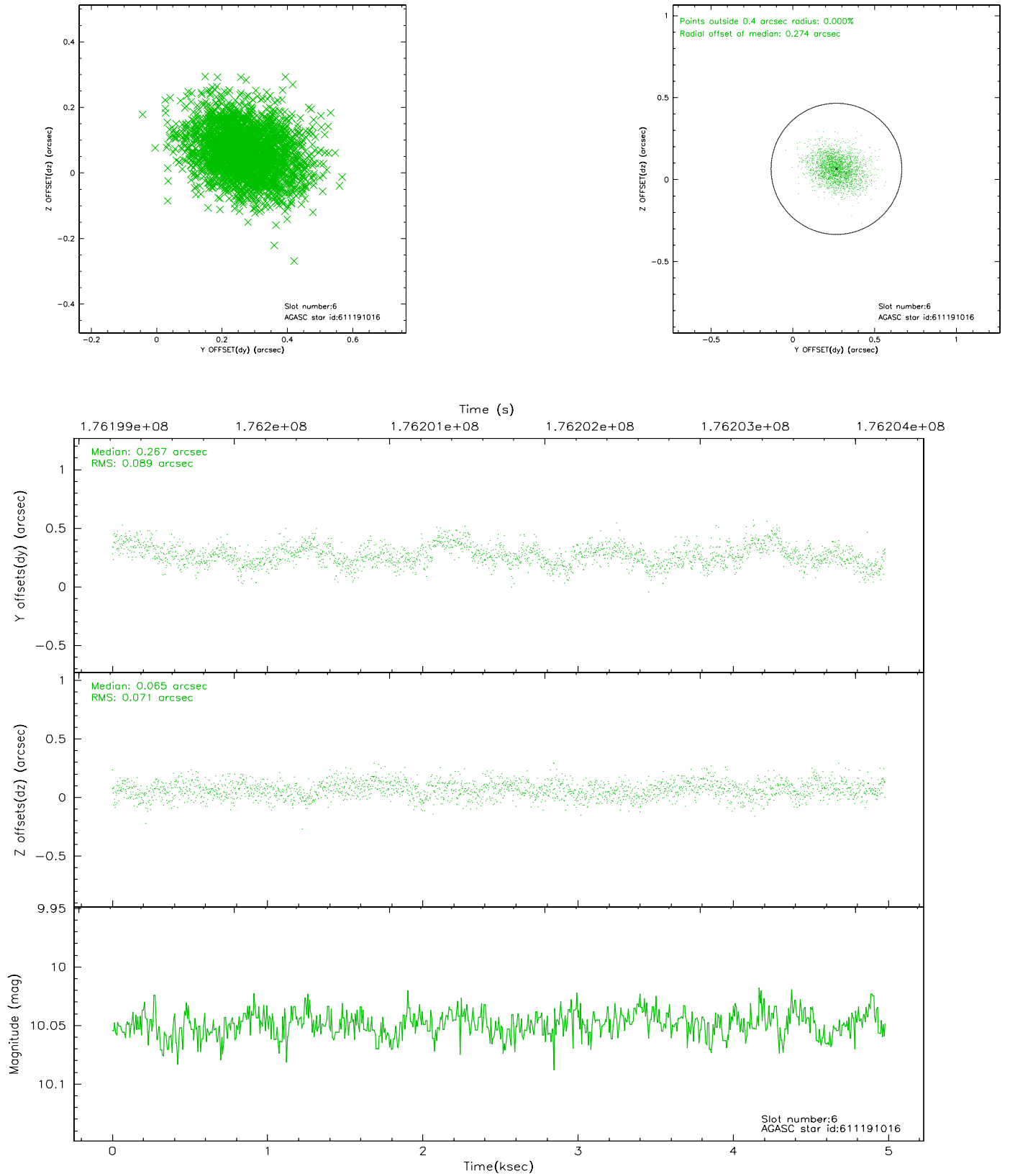
2.4.2 Slot 4



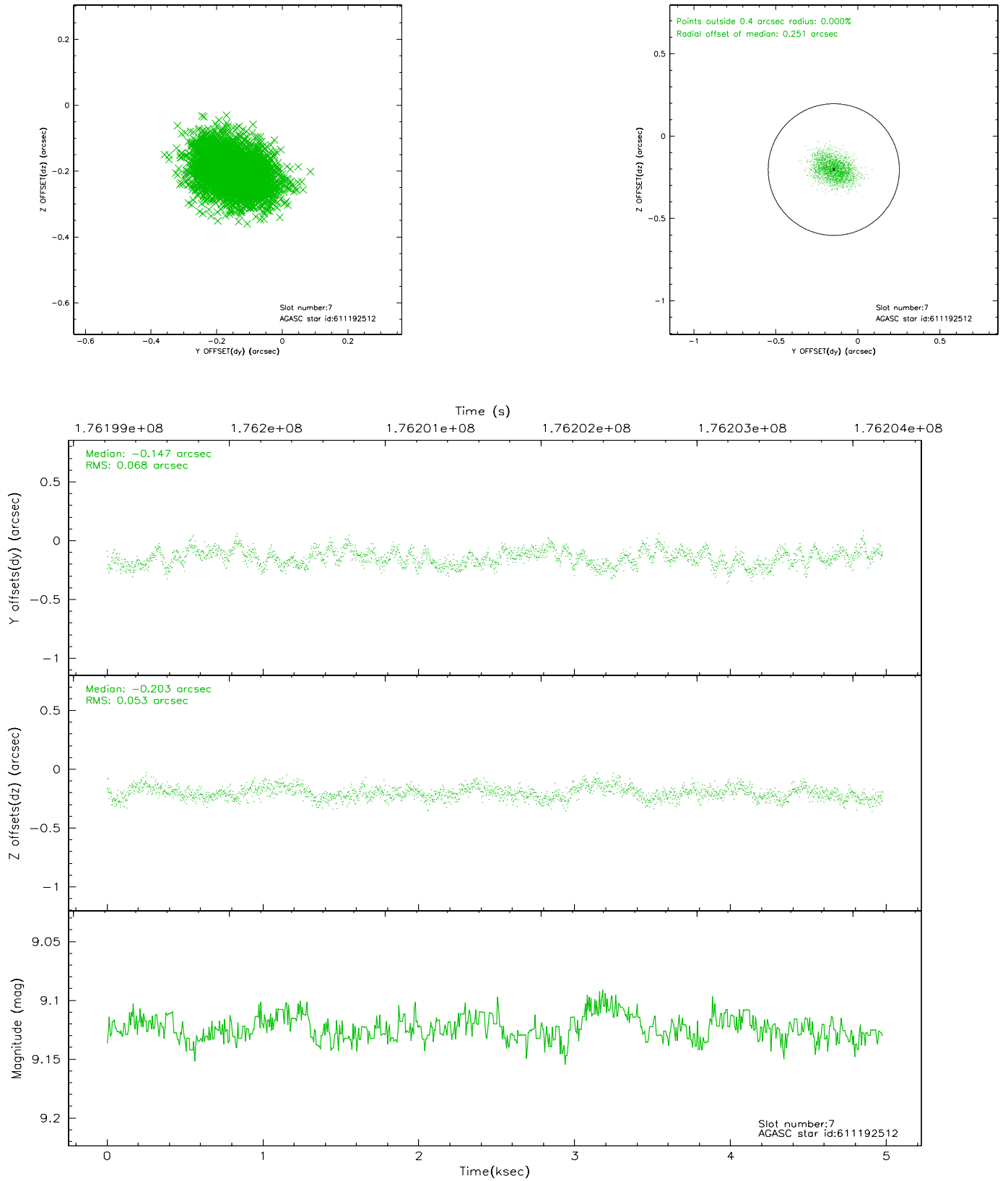
2.4.3 Slot 5



2.4.4 Slot 6

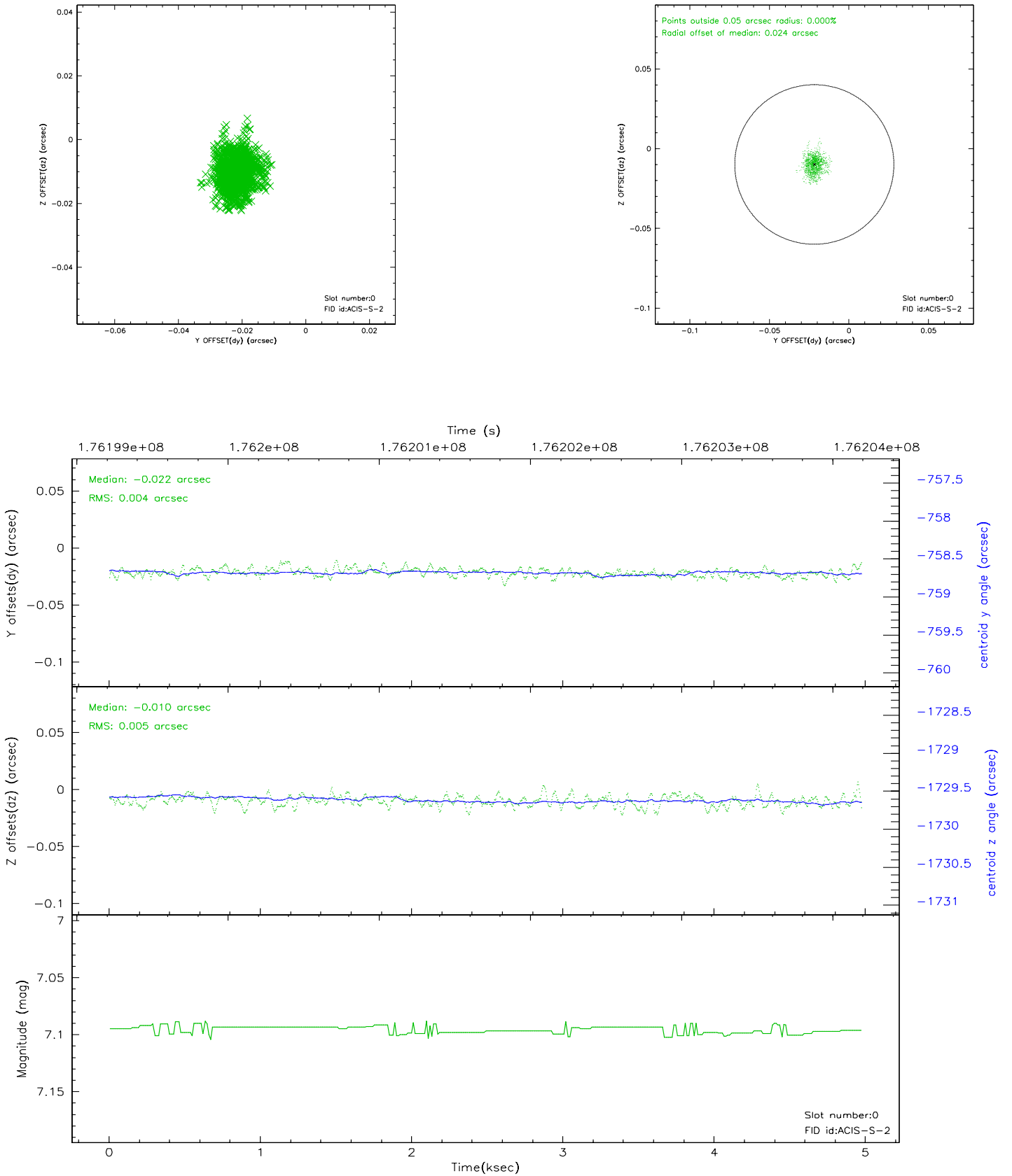


2.4.5 Slot 7

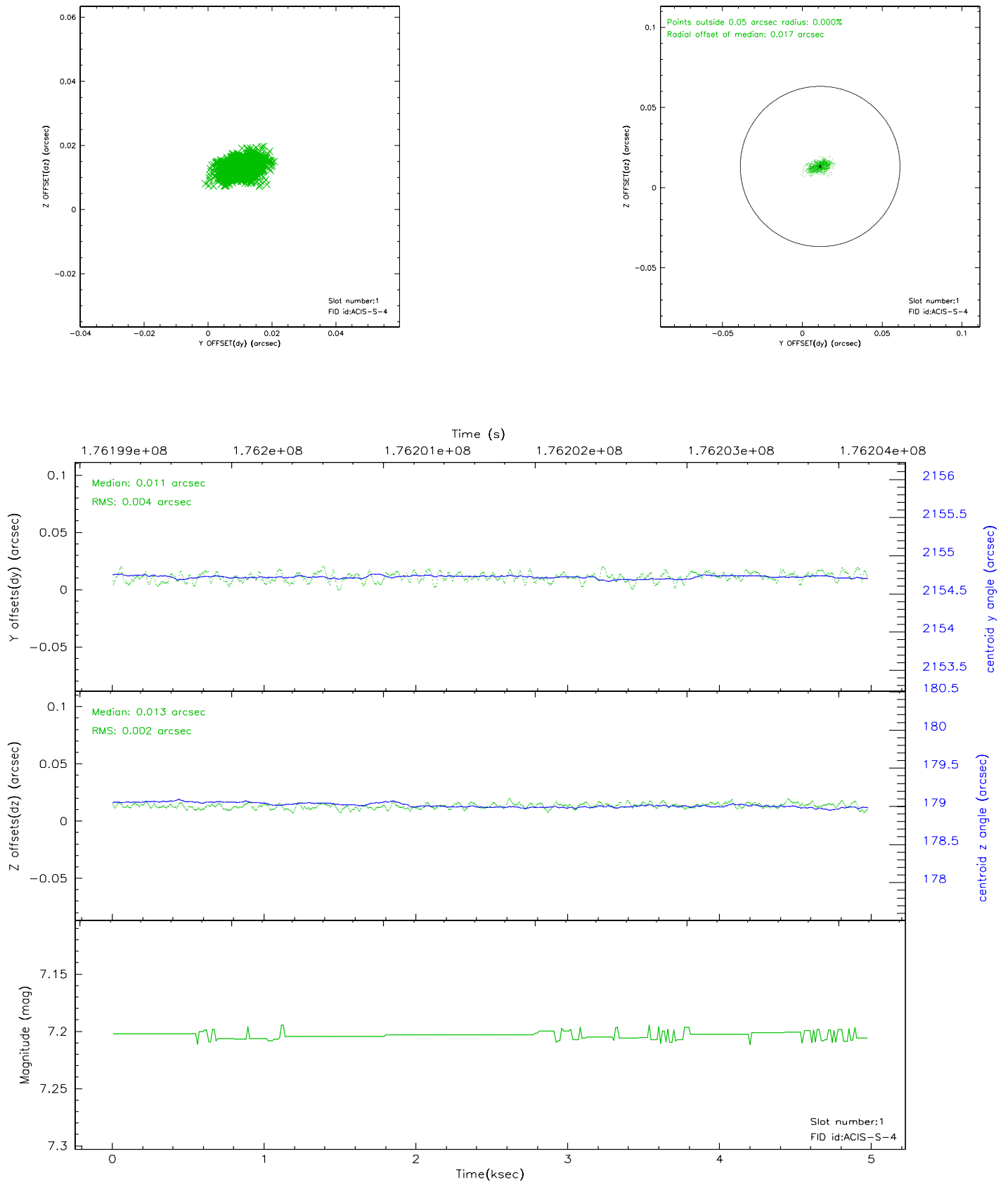


2.5 FID Slots

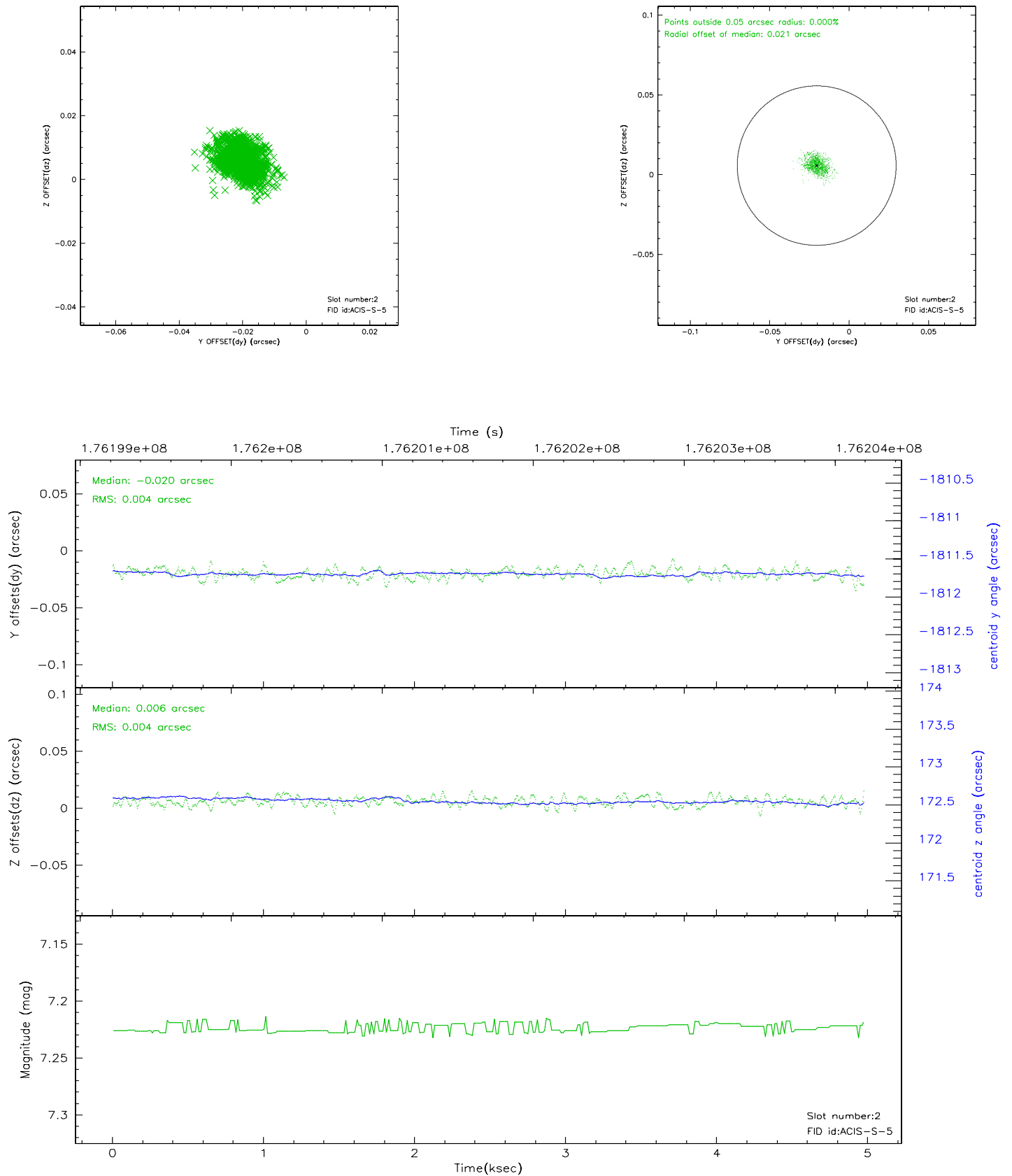
2.5.1 Slot 0



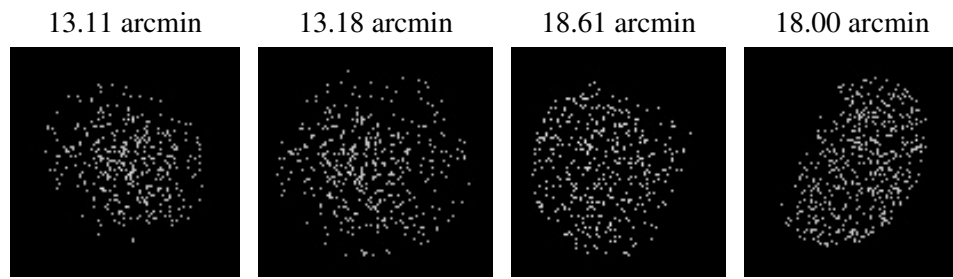
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.511

A.2 Comments