

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3733 - L2 Version 001
Chandra X-Ray Center

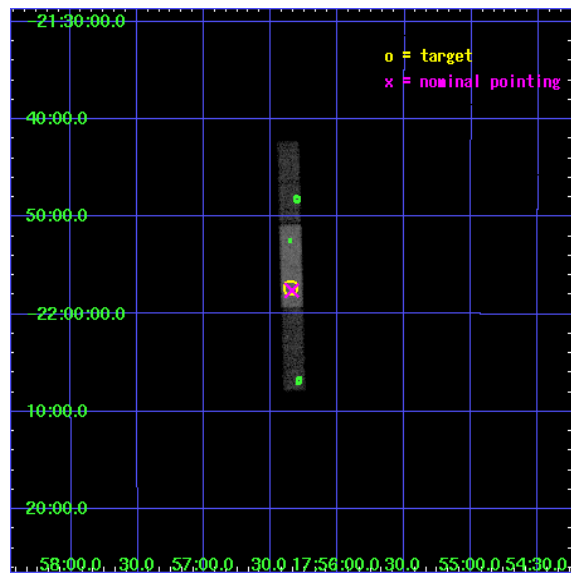
L2 Processing Date : Jul 11 2006

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1 Front

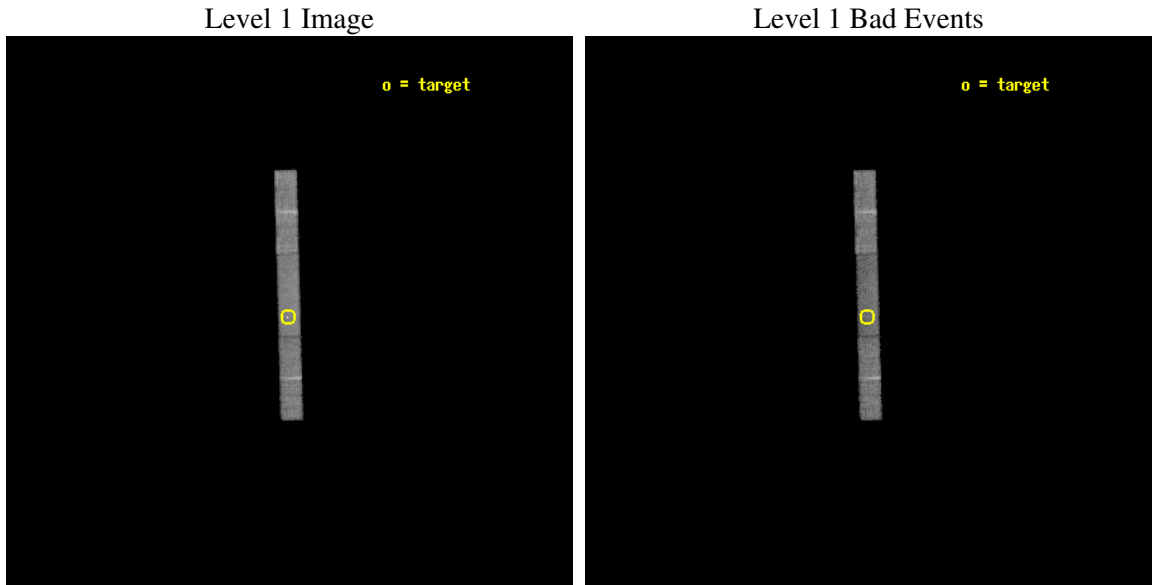
seq_num	200203
obs_id	3733
title	IMAGING THE JET FROM A HERBIG AE STAR
observer	Dr. Douglas Swartz
object	HD 163296
dtcycle	0
cycle	P
ra_targ	269.0875
dec_targ	-21.956111
ra_nom	269.08556251383
dec_nom	-21.960073522916
roll_nom	268.52067324636
revision	2
ontime	20138.400133371
livetime	19260.137847524
ontime6	20138.400133371
ontime7	20138.400133371
ontime8	20138.400133371
l2events	26686



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-11T03:51:22
revision	2

sched_exp_time	20000.000000
ontime	21197.641465575
ontime6	21197.641465575
ontime7	21197.641465575
ontime8	21197.641465575
l1events	145557

2.1.4 Events

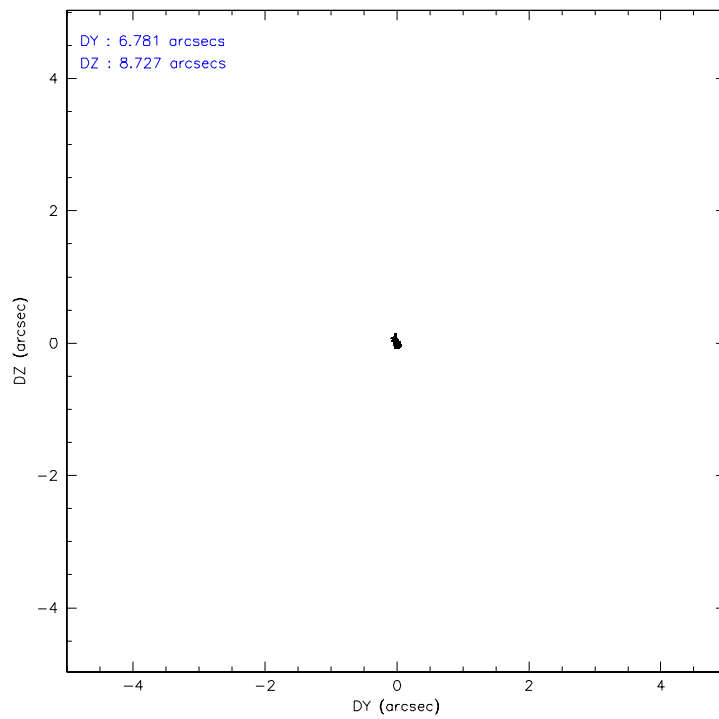
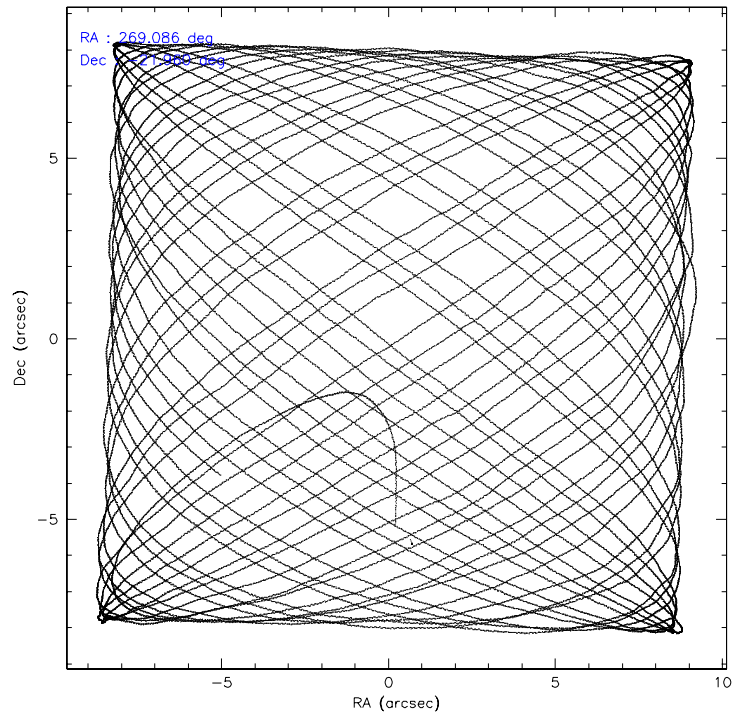
	ccd 6	ccd 7	ccd 8
level 1 events	42594	47765	55198
rejected events	37917	28593	45498
rejected %	89%	59%	82%

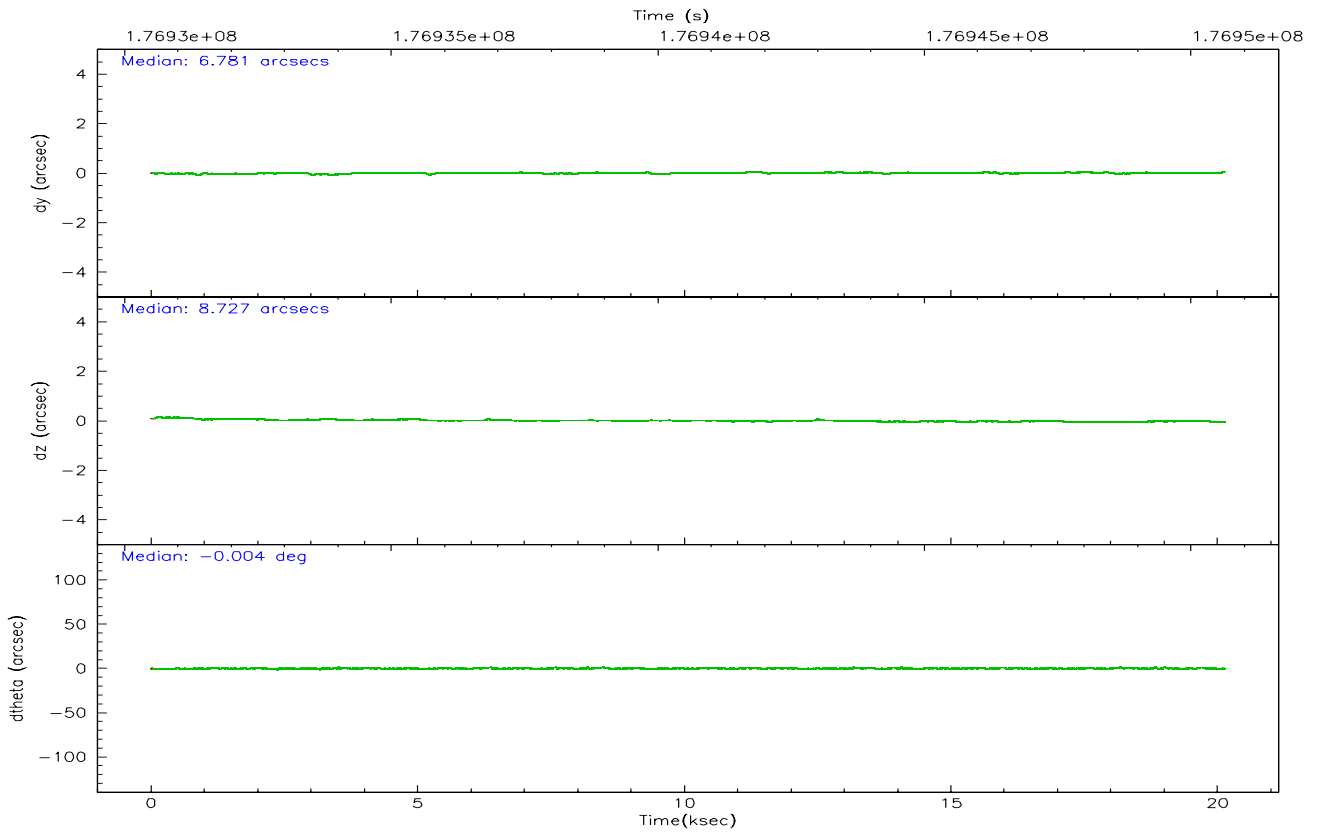
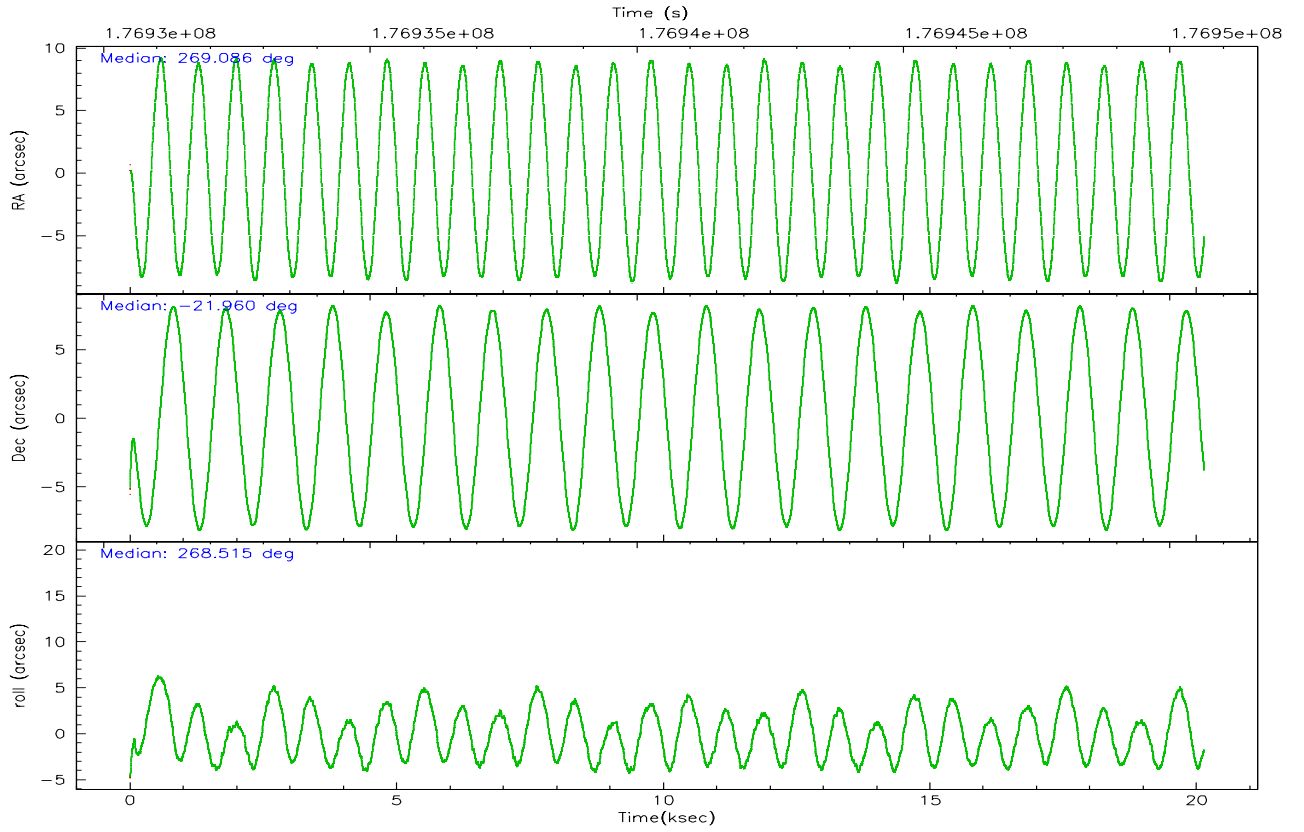
	ccd 6	ccd 7	ccd 8
grade 0 events	1864	1719	3050
	4%	3%	5%
grade 1 events	15	19	19
	0%	0%	0%
grade 2 events	834	4986	2053
	1%	10%	3%
grade 3 events	742	1582	1282
	1%	3%	2%
grade 4 events	693	1573	1125
	1%	3%	2%
grade 5 events	1665	3237	2027
	3%	6%	3%
grade 6 events	802	10329	2764
	1%	21%	5%
grade 7 events	35979	24320	42878
	84%	50%	77%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-678	ACIS-678	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	1/4	1/4
Pointing RA	269.071212	269.0855625138278	Subarray start row	0	385
Pointing Dec	-21.936329	-21.96007352291583	Subarray row count	1024	256
Pointing Roll	268.358684	268.5206732463621	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.9
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	176930639.184000	176929441.17712			
Observation start date	2003-08-10T19:22:55	2003-08-10T19:04:01			
Observation end time	176950639.184000	176951439.21556			
Observation end date	2003-08-11T00:56:15	2003-08-11T01:10:39			
Read mode	TIMED	TIMED			

2.3 Aspect



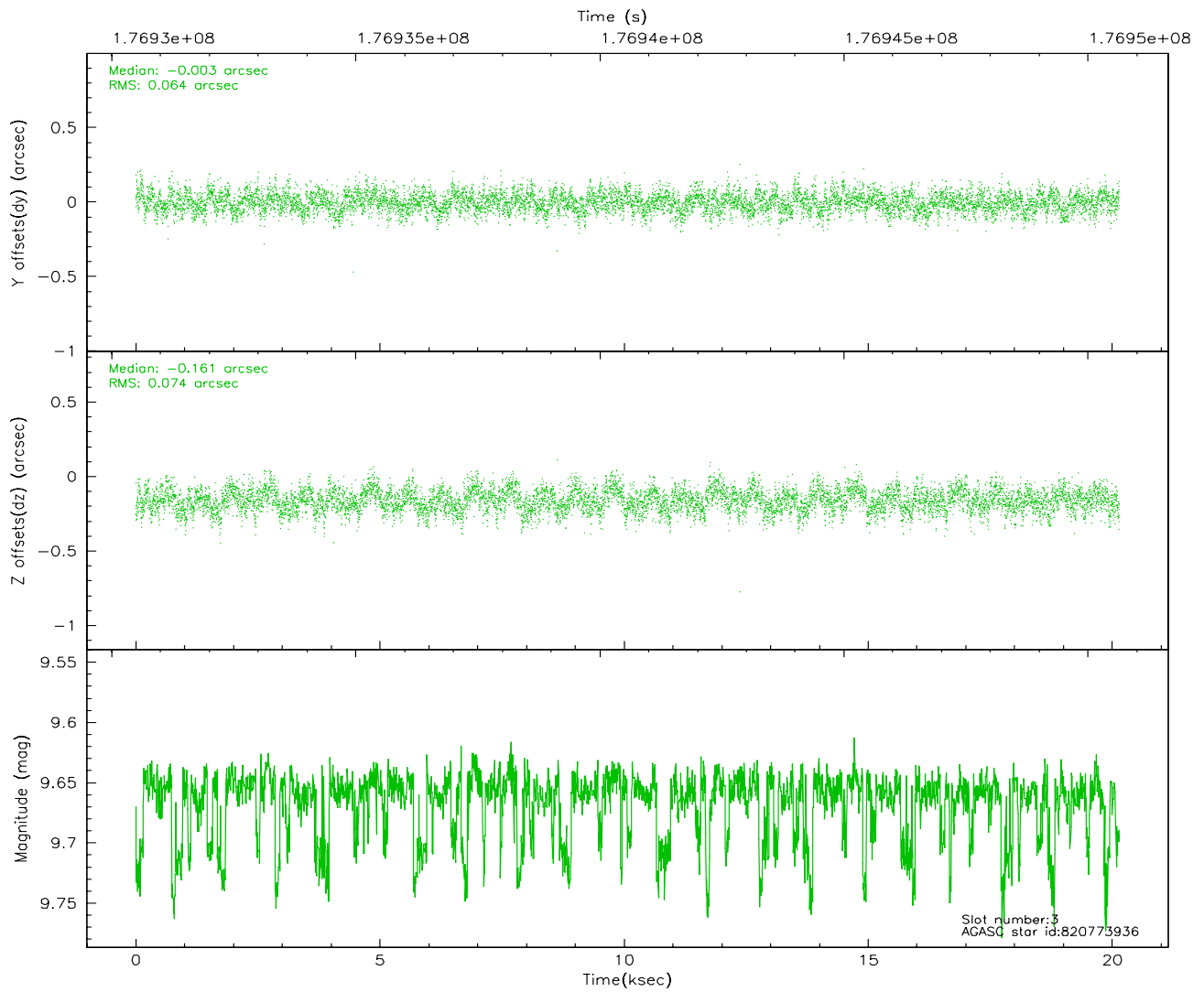
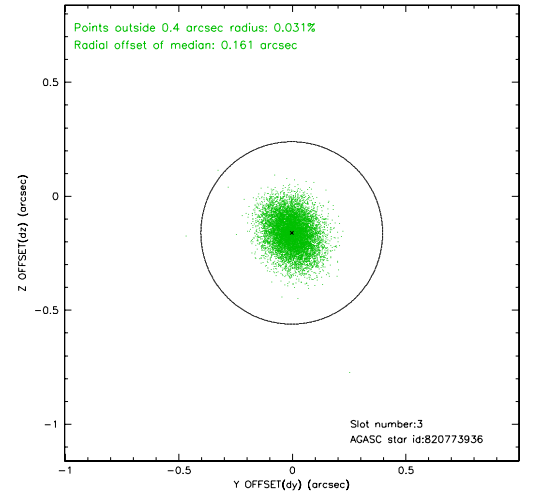
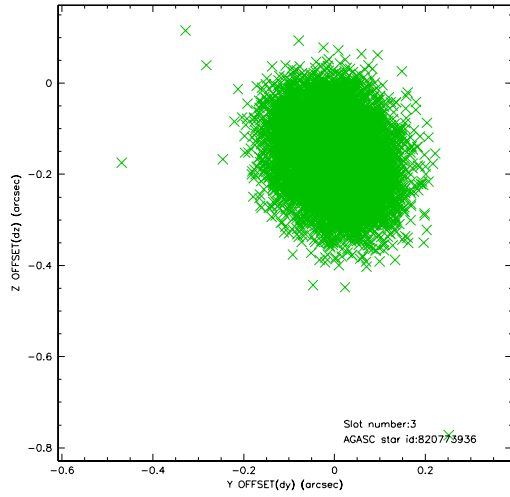


Slot Statistics

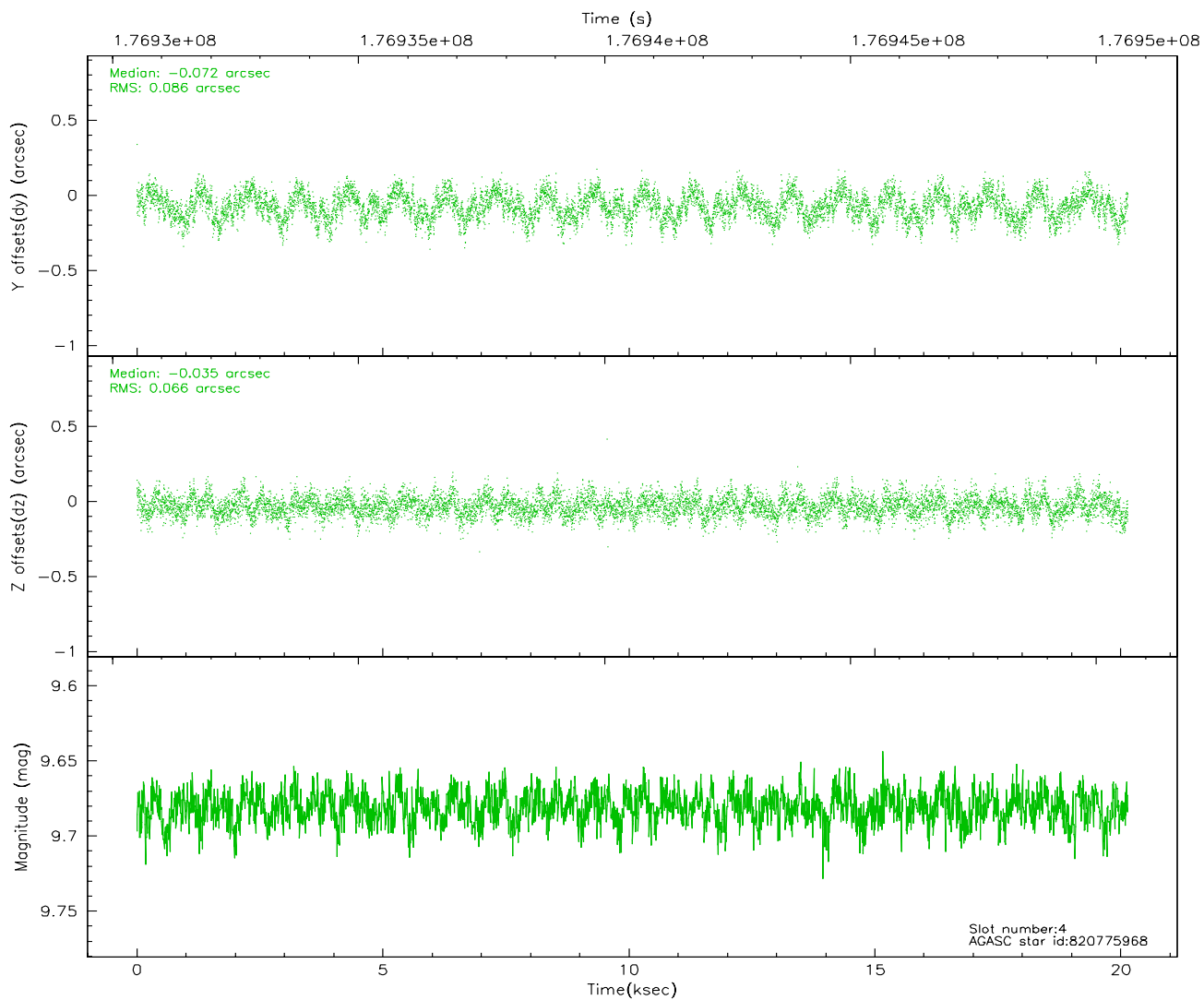
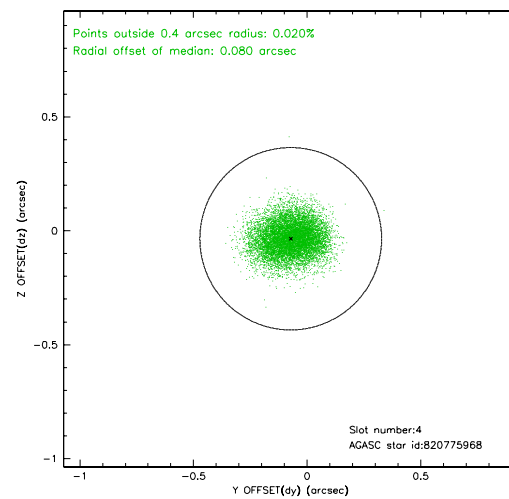
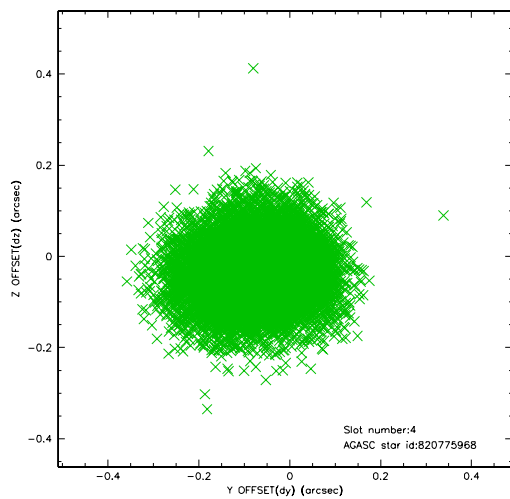
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	7.20	4913	0.026	0.019	0.006	0.010	0.000000	0.000000	2153.85	178.77
1	FID	ACIS-S-5	7.23	4913	-0.031	0.022	0.005	0.009	0.000000	0.000000	-1812.16	172.30
2	FID	ACIS-S-6	7.35	4913	-0.023	-0.027	0.007	0.012	0.000000	0.000000	401.87	815.97
3	GUIDE	820773936	9.66	9792	-0.003	-0.161	0.103	0.168	269.091507	-21.814142	-441.33	55.46
4	GUIDE	820775968	9.68	9818	-0.072	-0.035	0.117	0.183	268.652762	-21.447691	-1716.12	-1451.98
5	GUIDE	896672232	9.51	9823	0.118	0.191	0.094	0.154	269.476470	-22.569368	2241.27	1412.43
6	GUIDE	896673568	7.26	9826	0.114	0.138	0.071	0.105	269.738578	-22.517547	2033.25	2279.22
7	GUIDE	820774352	9.30	9820	-0.158	-0.135	0.091	0.149	268.372882	-21.768548	-531.13	-2350.73

2.4 Star Slots

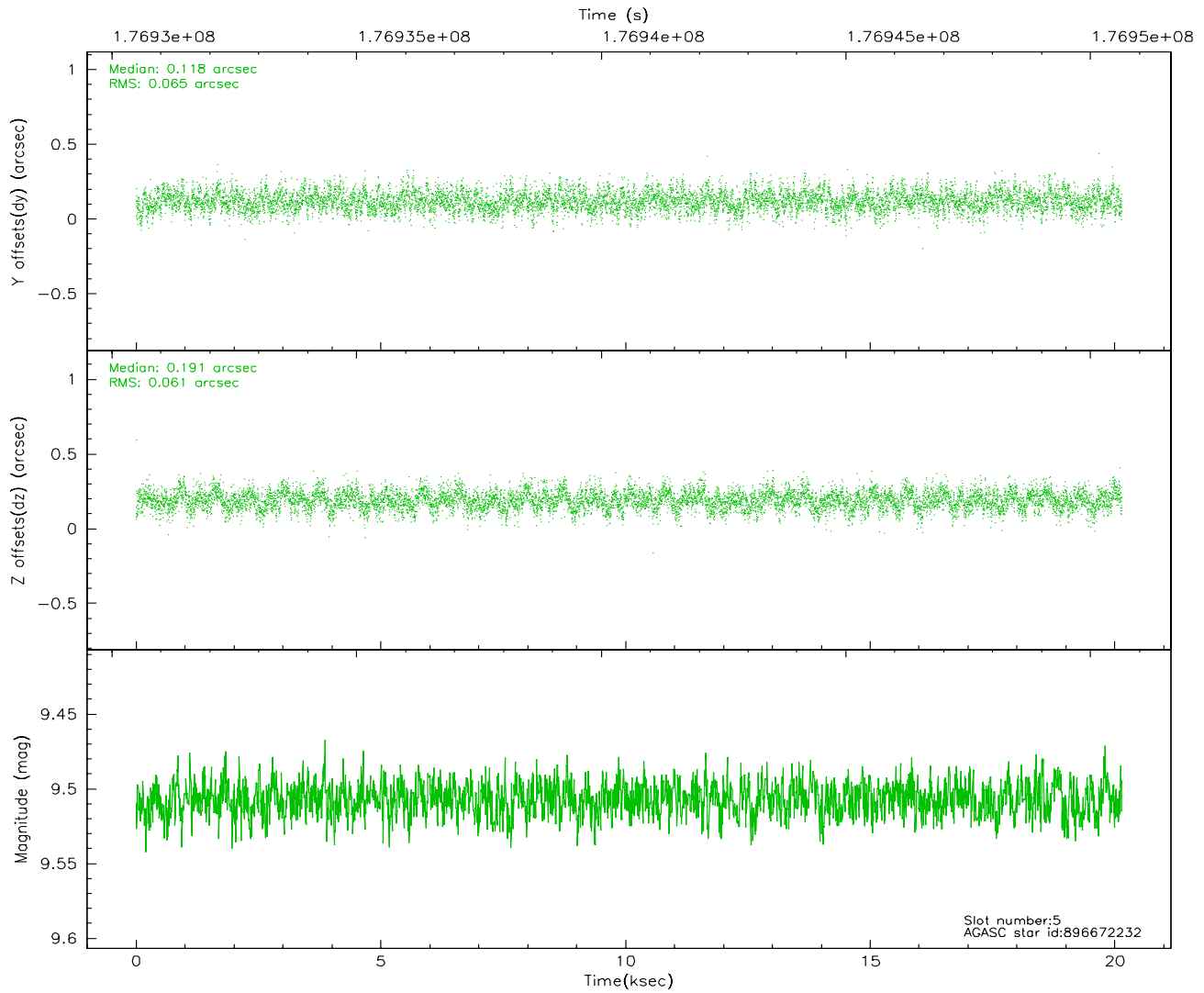
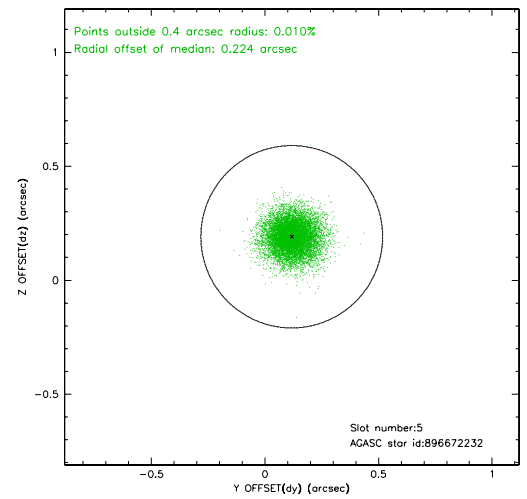
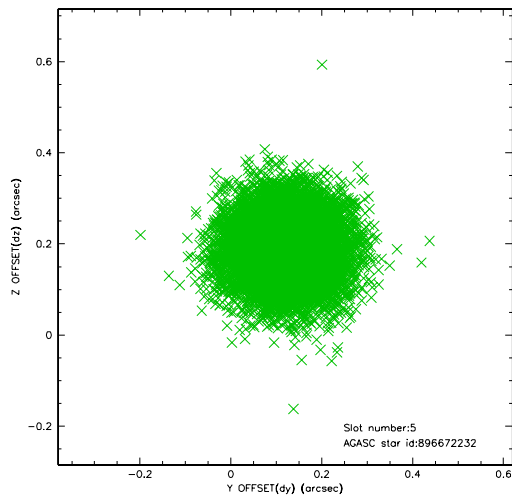
2.4.1 Slot 3



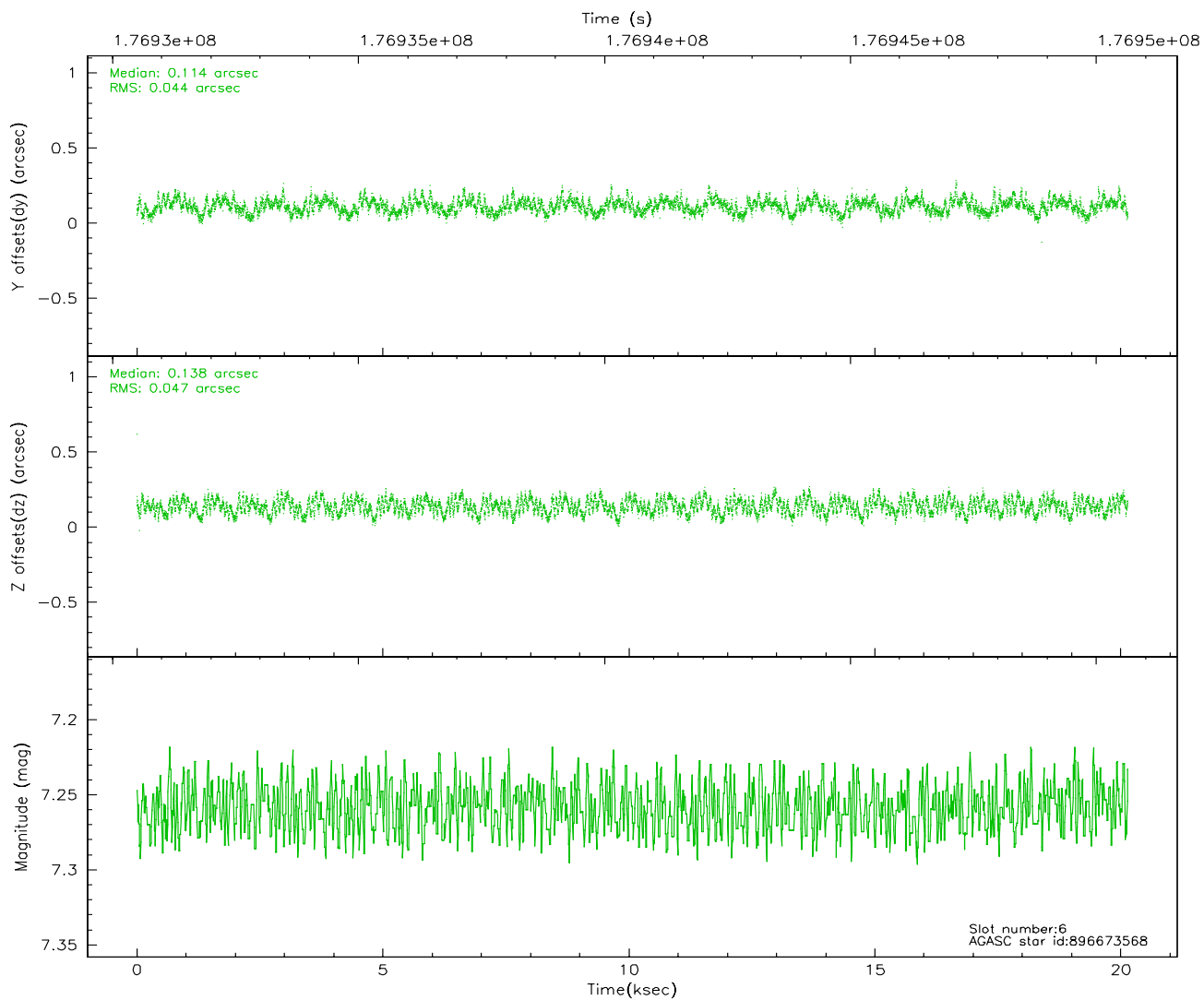
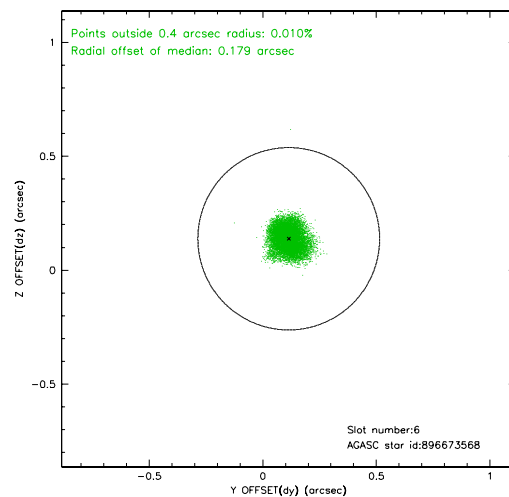
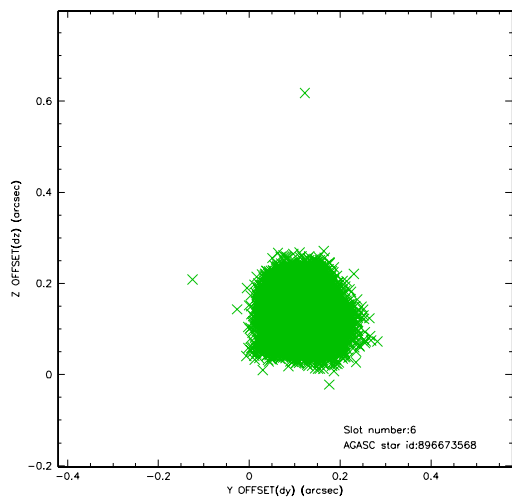
2.4.2 Slot 4



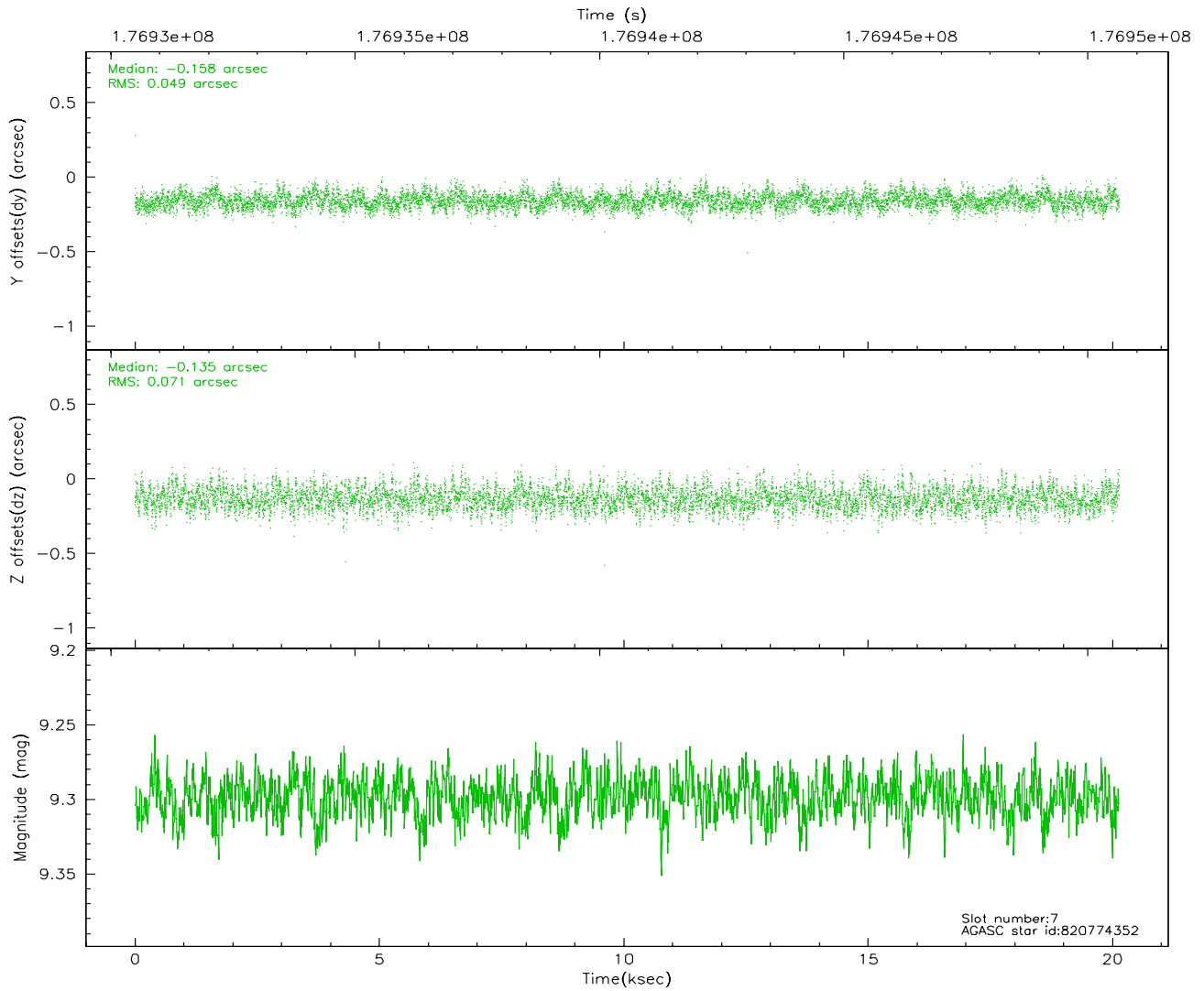
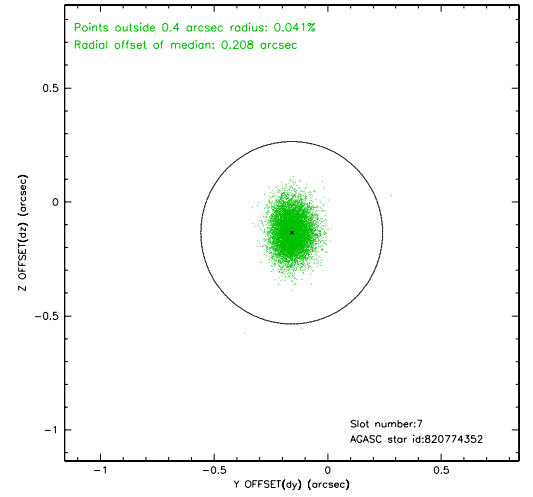
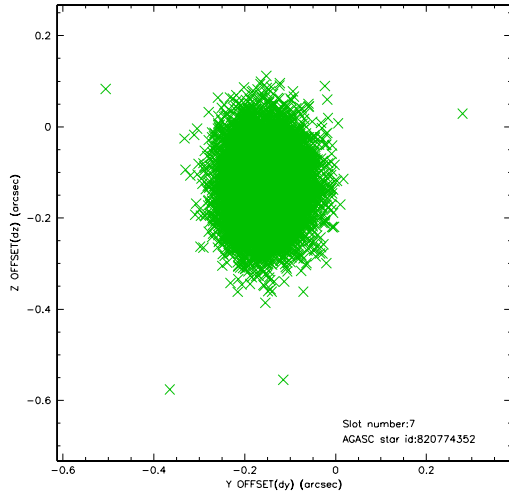
2.4.3 Slot 5



2.4.4 Slot 6

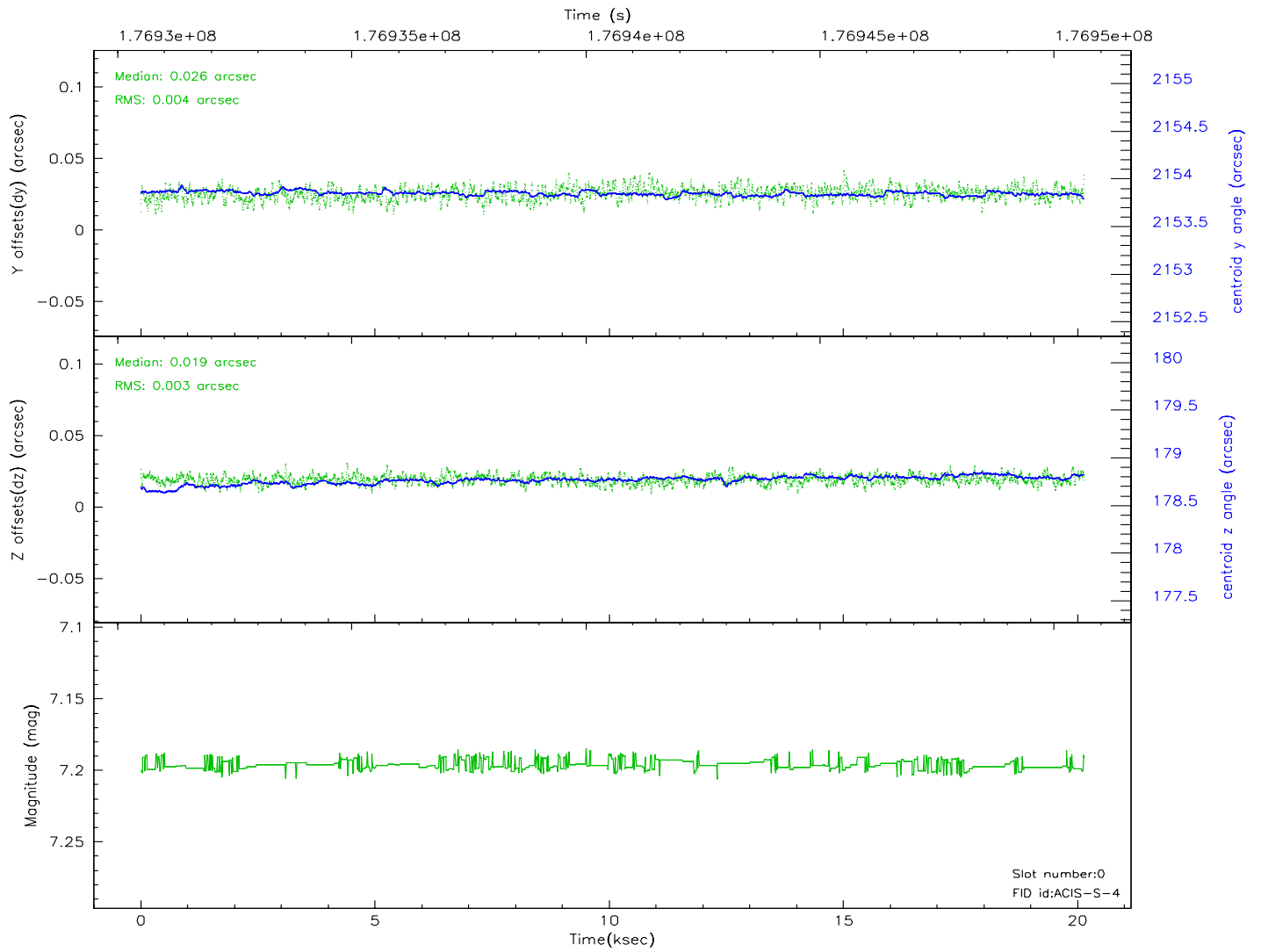
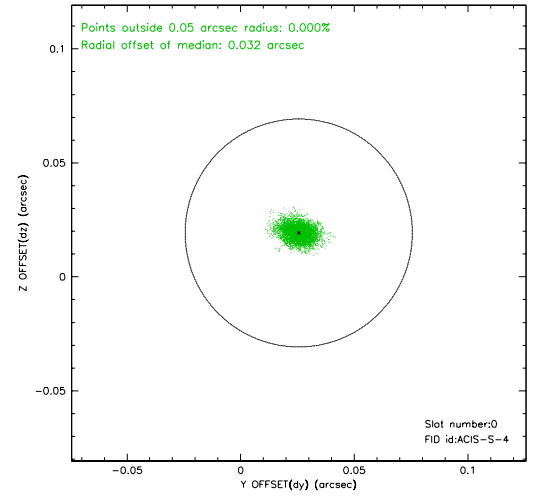
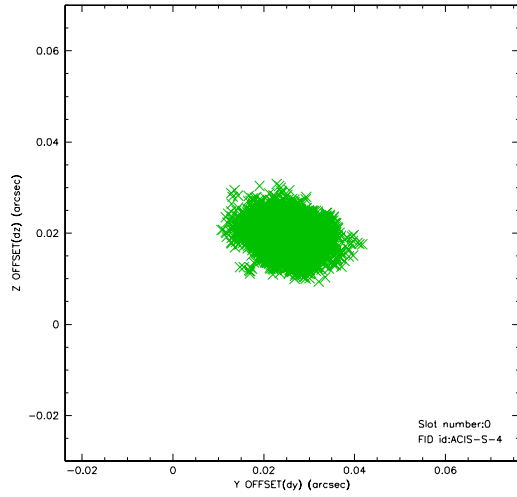


2.4.5 Slot 7

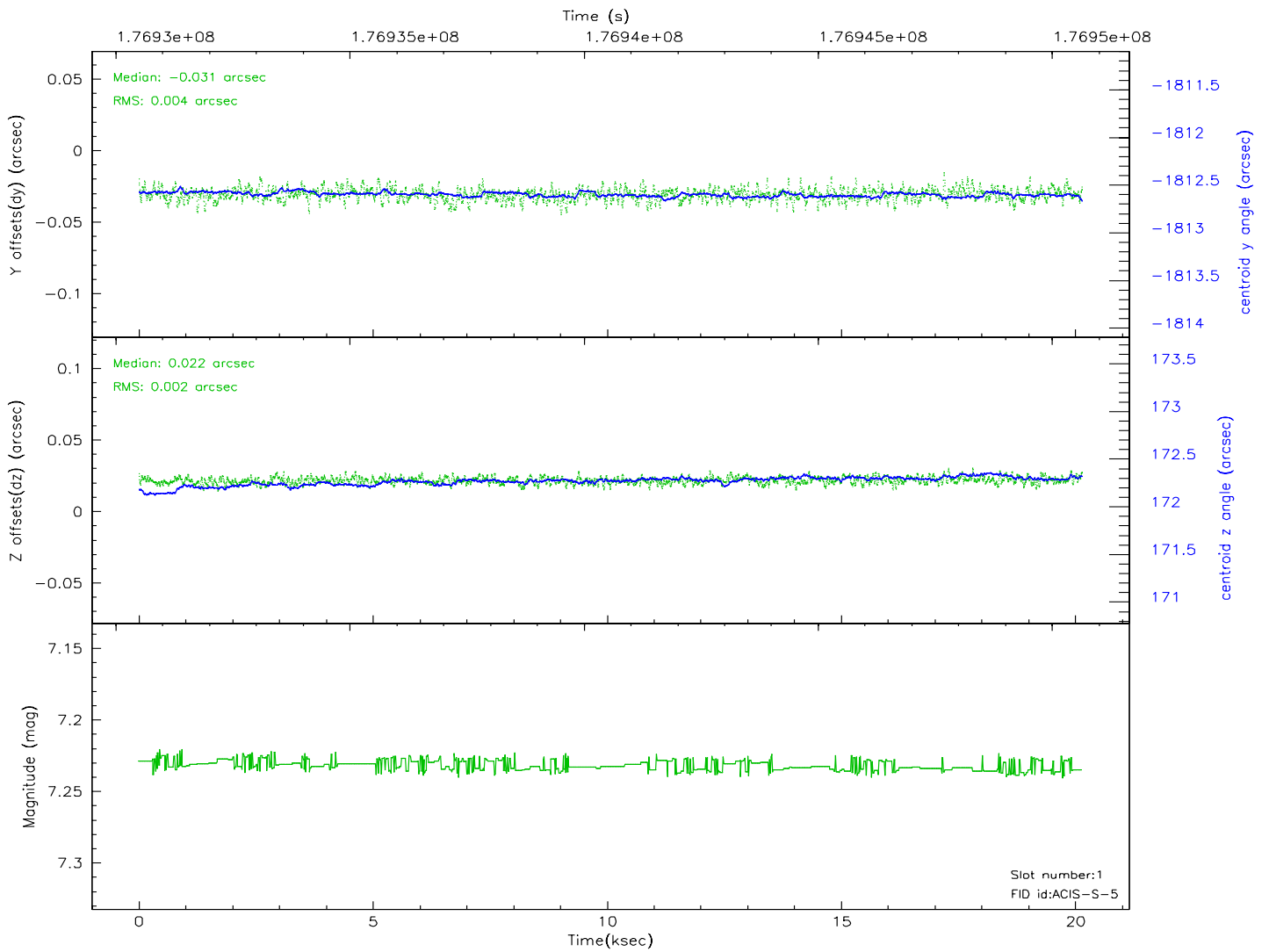
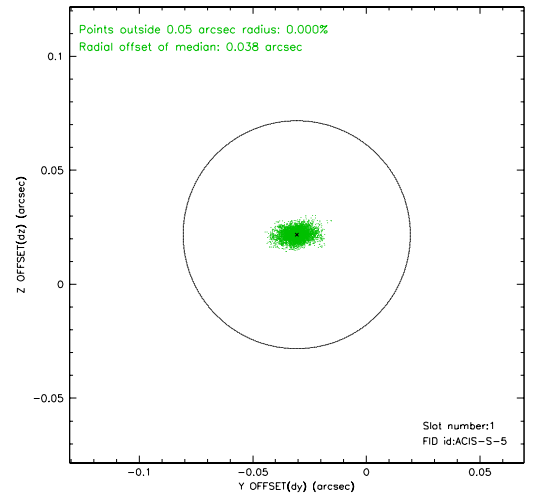
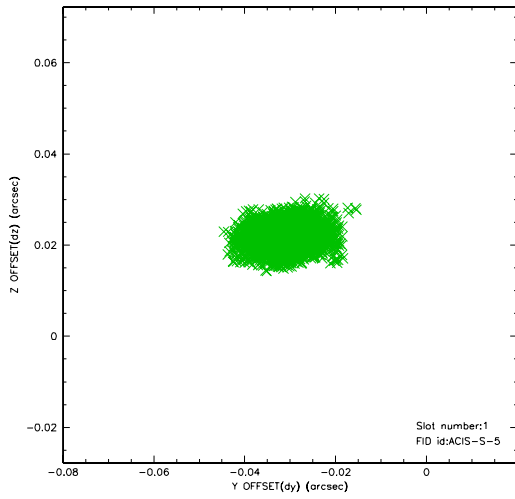


2.5 FID Slots

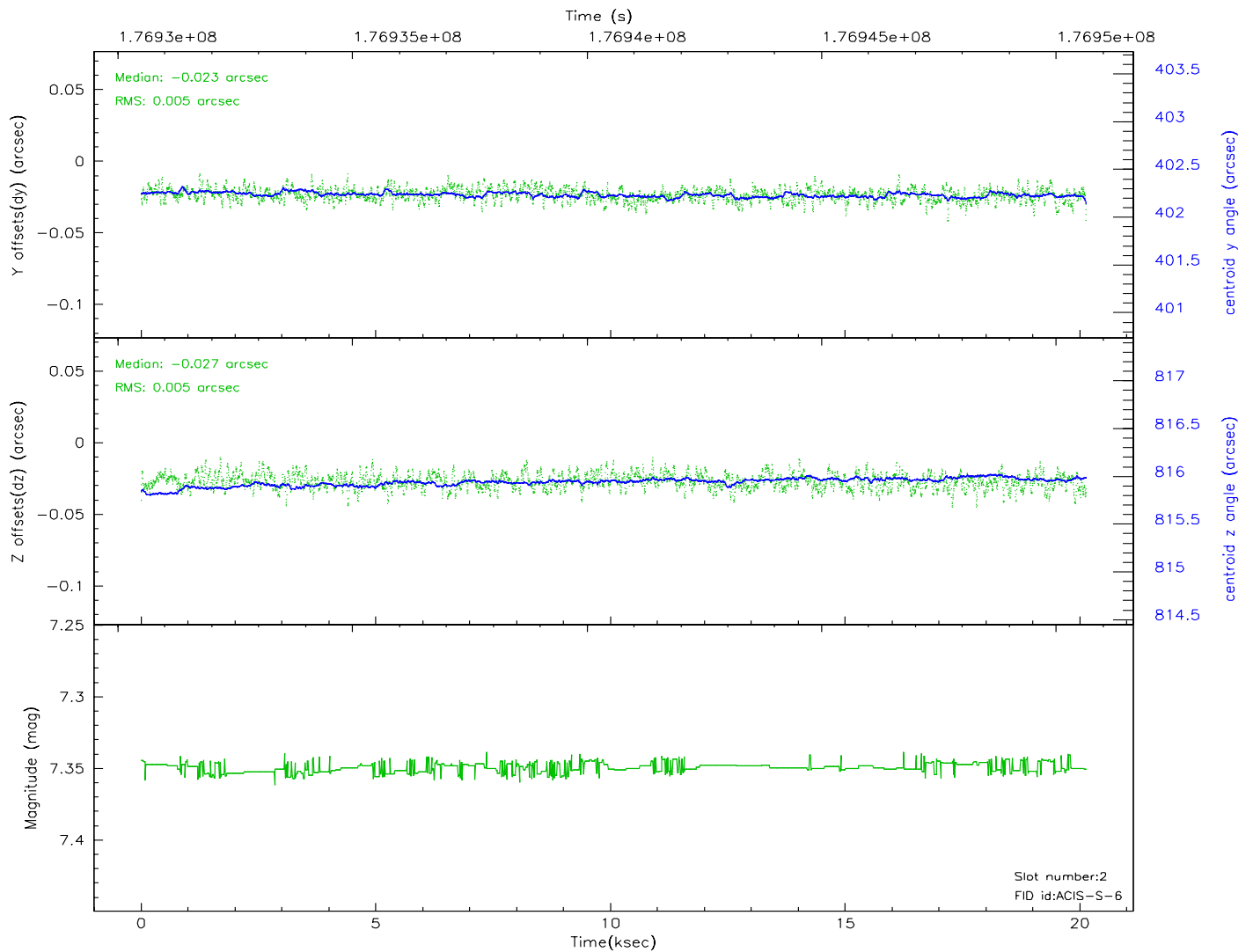
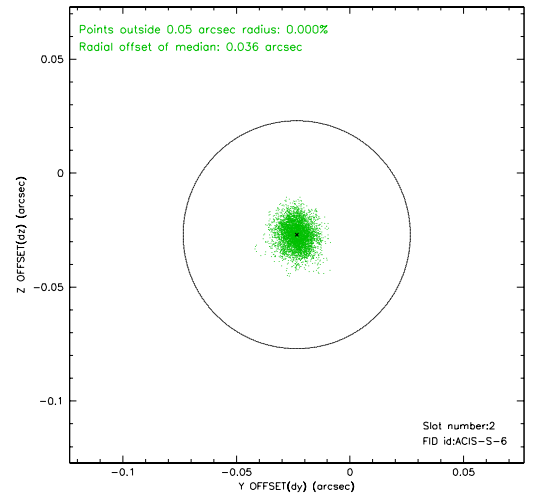
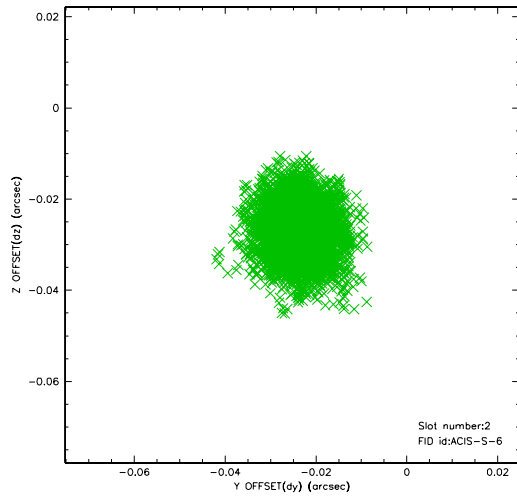
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

9.33 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.138

A.2 Comments

Roll preference met.