

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3953 - L2 Version 001
Chandra X-Ray Center

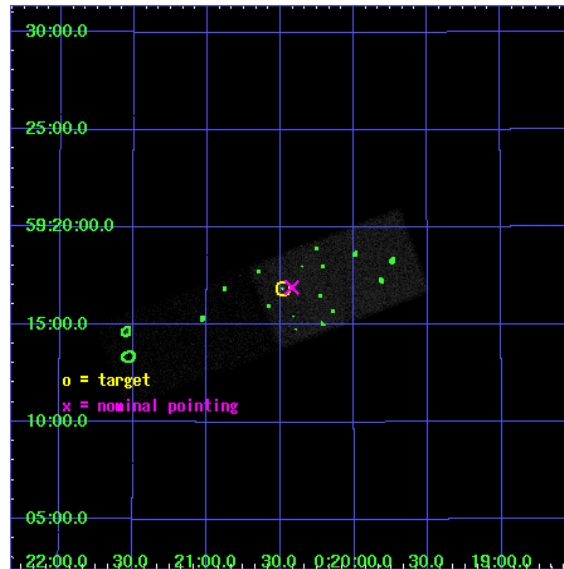
L2 Processing Date : Jul 24 2006

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1 Front

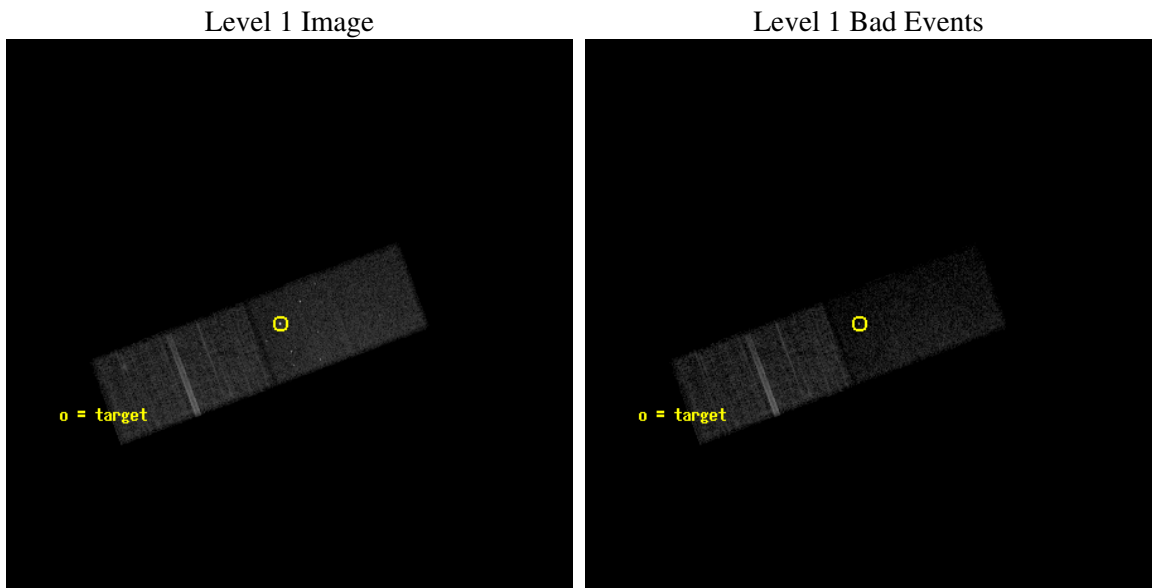
seq_num	600327
obs_id	3953
title	A CHANDRA AND HST STUDY OF IC 10: THE NEAREST STARBURST GALAXY TO THE MILKY WAY
observer	Dr. FRANZ BAUER
object	IC 10
dtcycle	0
cycle	P
ra_targ	5.120833
dec_targ	59.280833
ra_nom	5.1056635002261
dec_nom	59.282019233937
roll_nom	339.26965206301
revision	2
ontime	29896.199790359
liveltime	29191.48304669
ontime6	29896.199790359
ontime7	29896.199790359
l2events	49093



2 OBI

2.1 OBI

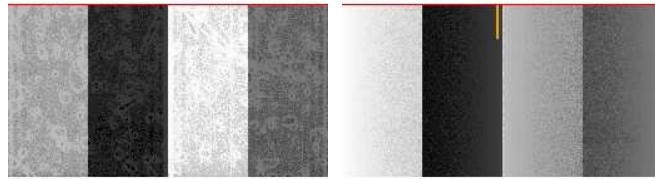
2.1.1 Images



2.1.2 Bias

Chip 6

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-24T17:16:11
revision	2

sched_exp_time	29700.000000
ontime	30379.019919515
ontime6	30379.019919515
ontime7	30379.019919515
l1events	173760

2.1.4 Events

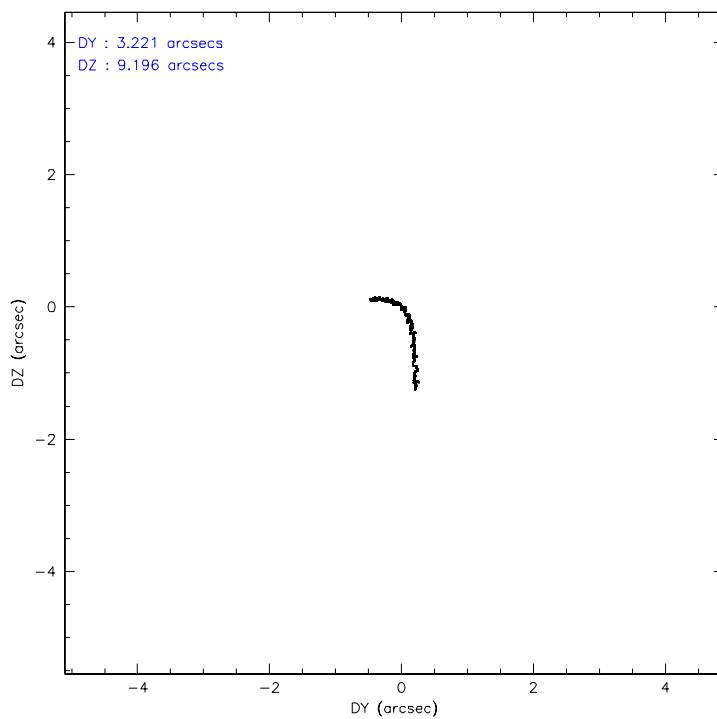
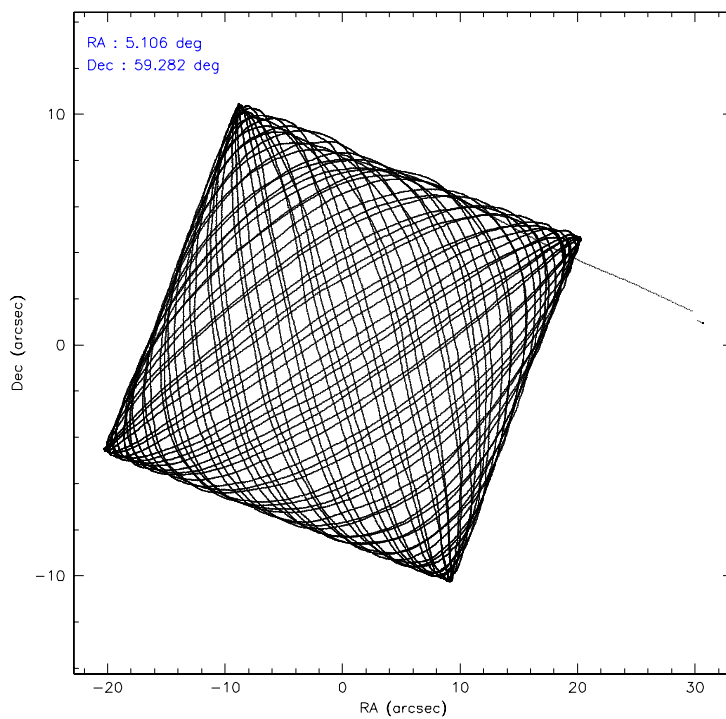
	ccd 6	ccd 7
level 1 events	91335	82425
rejected events	82146	39803
rejected %	89%	48%

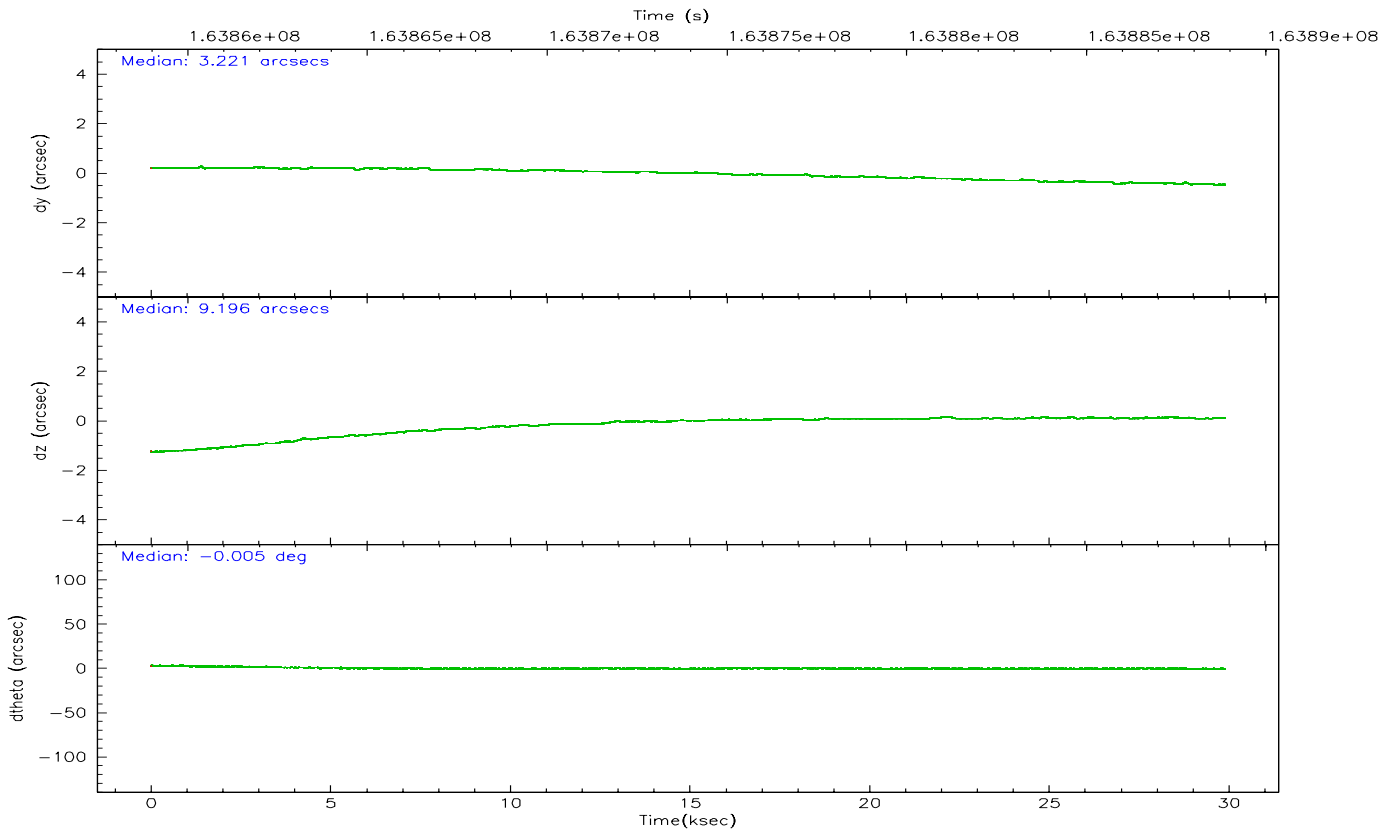
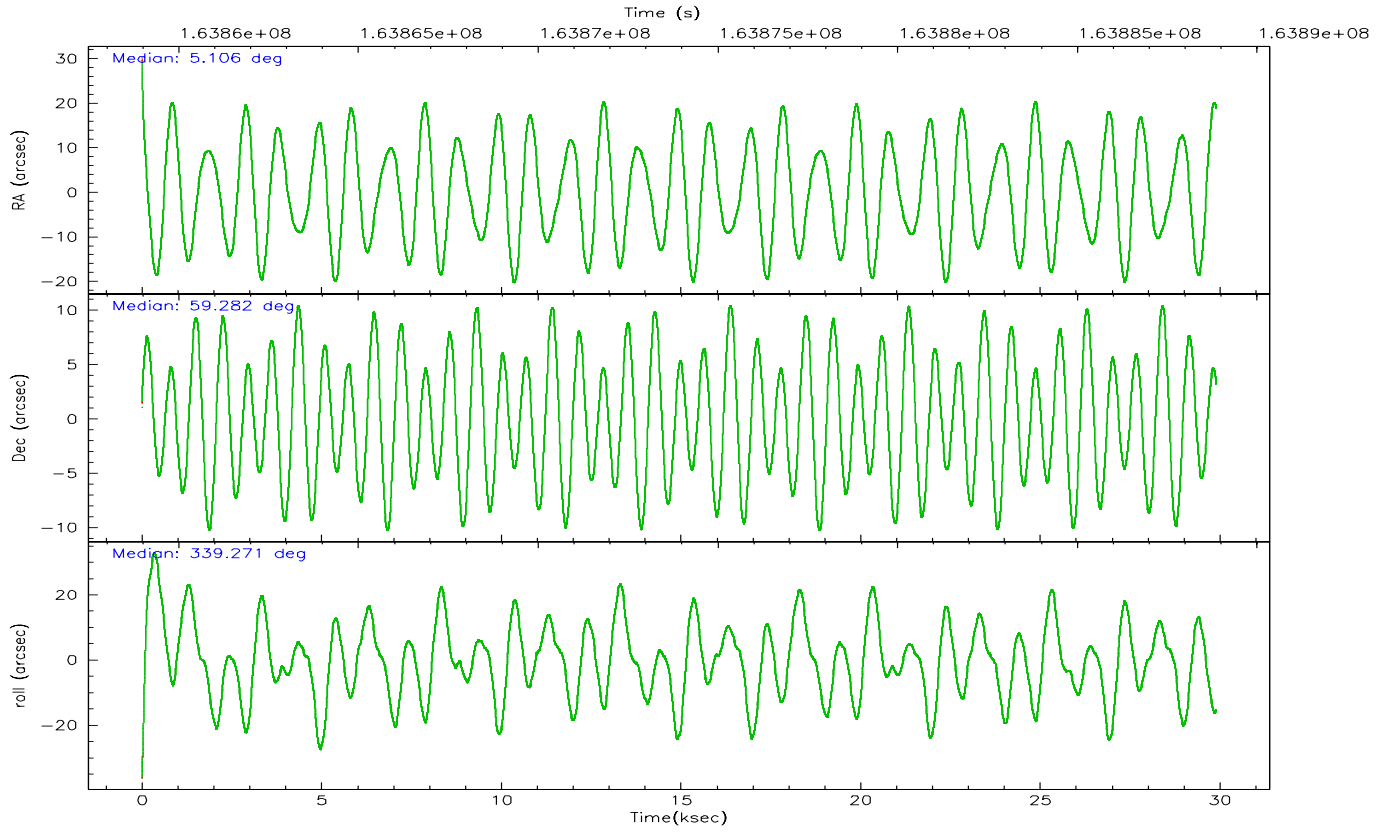
	ccd 6	ccd 7
grade 0 events	3218	4017
	3%	4%
grade 1 events	16	81
	0%	0%
grade 2 events	1876	10651
	2%	12%
grade 3 events	1301	3702
	1%	4%
grade 4 events	1307	3658
	1%	4%
grade 5 events	2486	6798
	2%	8%
grade 6 events	1639	21153
	1%	25%
grade 7 events	79492	32365
	87%	39%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-67	ACIS-67	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	CUSTOM	CUSTOM
Pointing RA	5.053202	5.105663500226061	Subarray start row	50	50
Pointing Dec	59.277233	59.28201923393664	Subarray row count	550	550
Pointing Roll	339.158141	339.2696520630115	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.7
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-184.272523	-184.2666255054277			
SIM translation stage offset (mm)	-5.86	-5.865897077580087			
Observation start time	163859171.184000	163858182.96036			
Observation start date	2003-03-12T12:25:07	2003-03-12T12:09:42			
Observation end time	163888871.184000	163889527.97418			
Observation end date	2003-03-12T20:40:07	2003-03-12T20:52:07			
Read mode	TIMED	TIMED			

2.3 Aspect



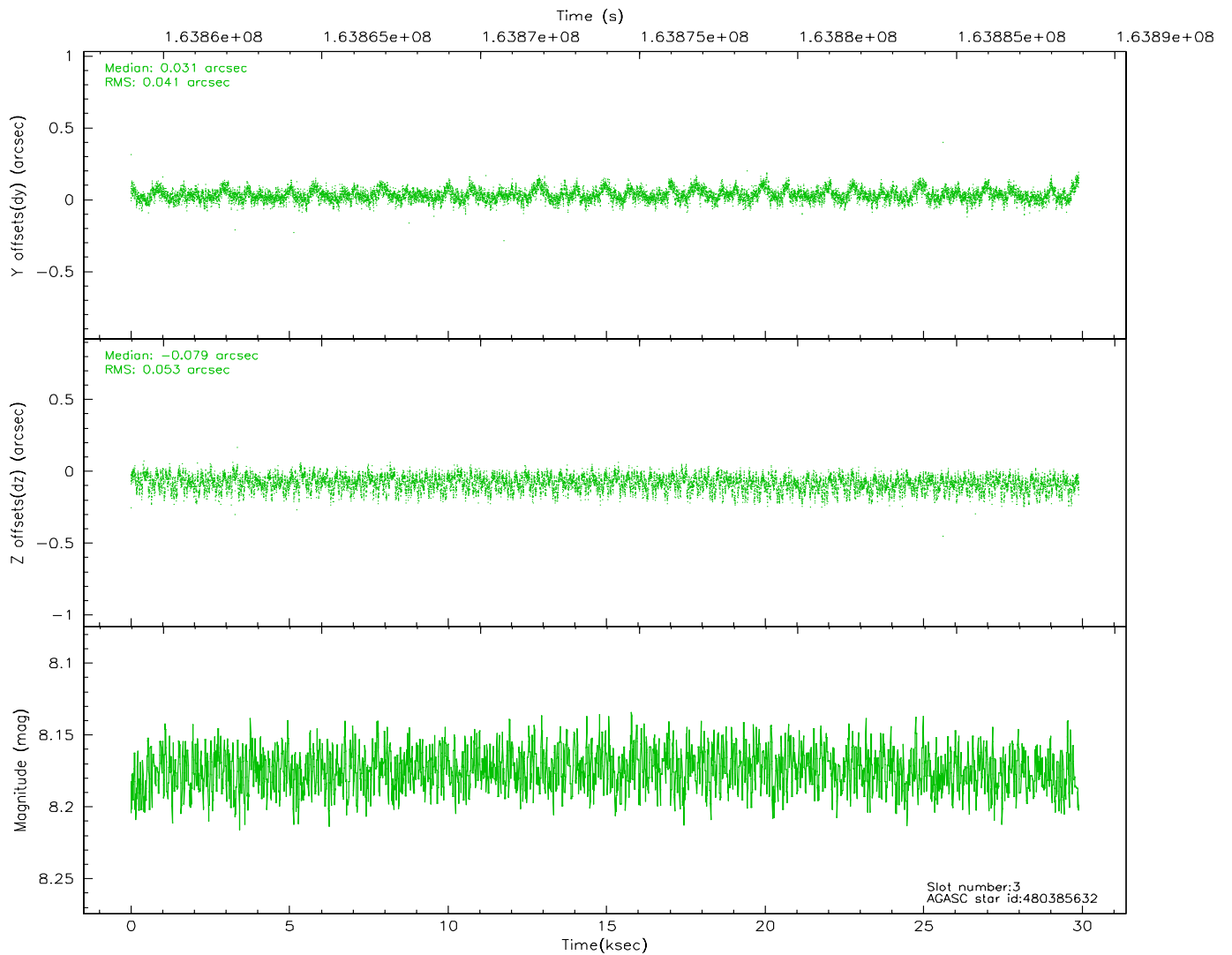
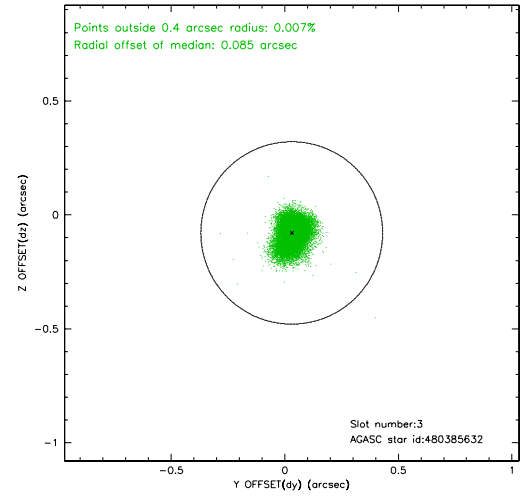
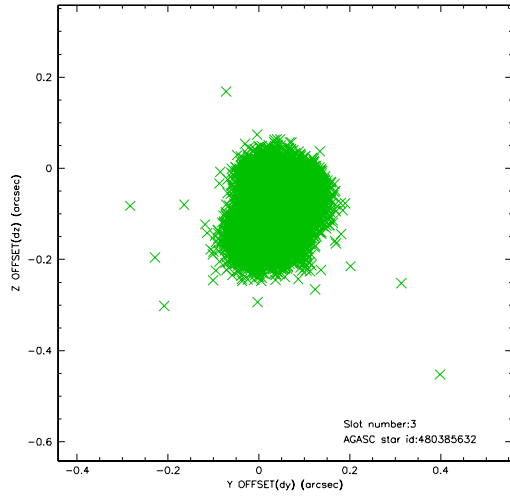


Slot Statistics

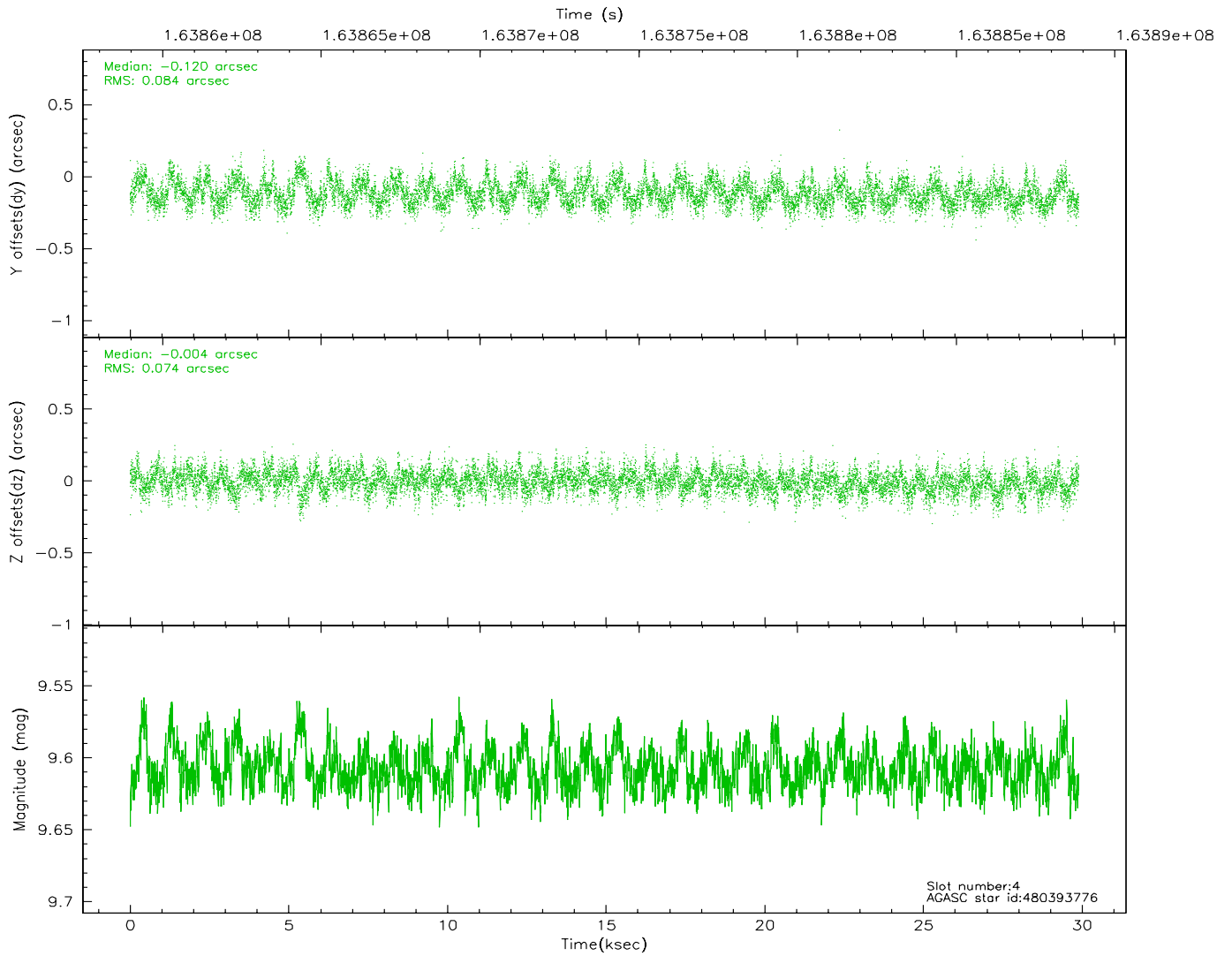
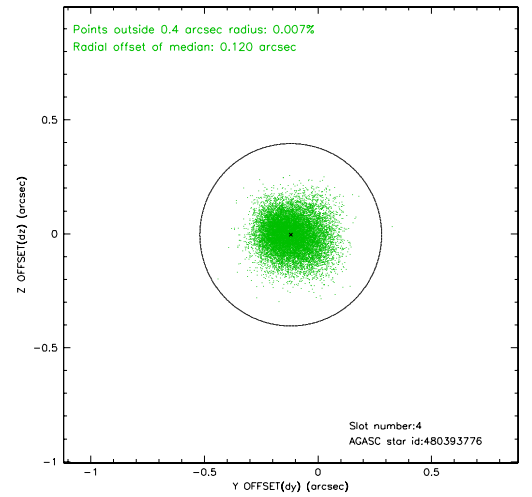
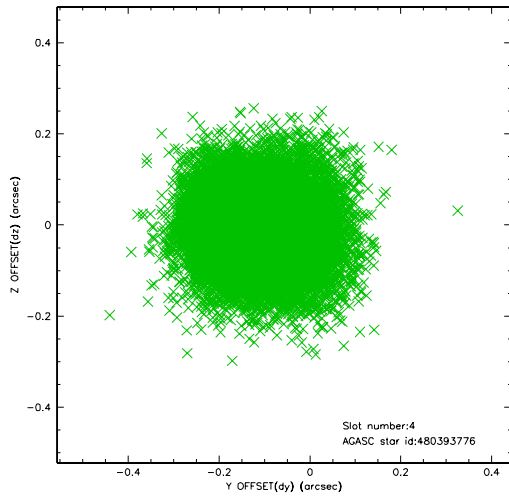
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	7293	-0.052	-0.044	0.016	0.024	0.000000	0.000000	-755.44	-1851.18
1	FID	ACIS-S-4	7.18	7293	-0.024	0.036	0.014	0.020	0.000000	0.000000	2157.81	57.33
2	FID	ACIS-S-5	7.23	7293	0.045	0.012	0.012	0.027	0.000000	0.000000	-1808.11	51.00
3	GUIDE	480385632	8.17	14585	0.031	-0.079	0.071	0.115	4.459917	59.057587	-746.63	-1125.15
4	GUIDE	480393776	9.61	14537	-0.120	-0.004	0.120	0.193	3.491597	58.998930	-2361.59	-1934.85
5	GUIDE	480387176	9.18	14543	-0.024	-0.089	0.079	0.129	3.896033	59.564774	-2346.97	233.69
6	GUIDE	480379256	9.03	14575	0.042	0.143	0.102	0.166	5.631259	59.673209	473.29	1710.54
7	GUIDE	480384744	9.93	14574	0.071	0.033	0.139	0.225	6.183603	59.739179	1318.88	2300.31

2.4 Star Slots

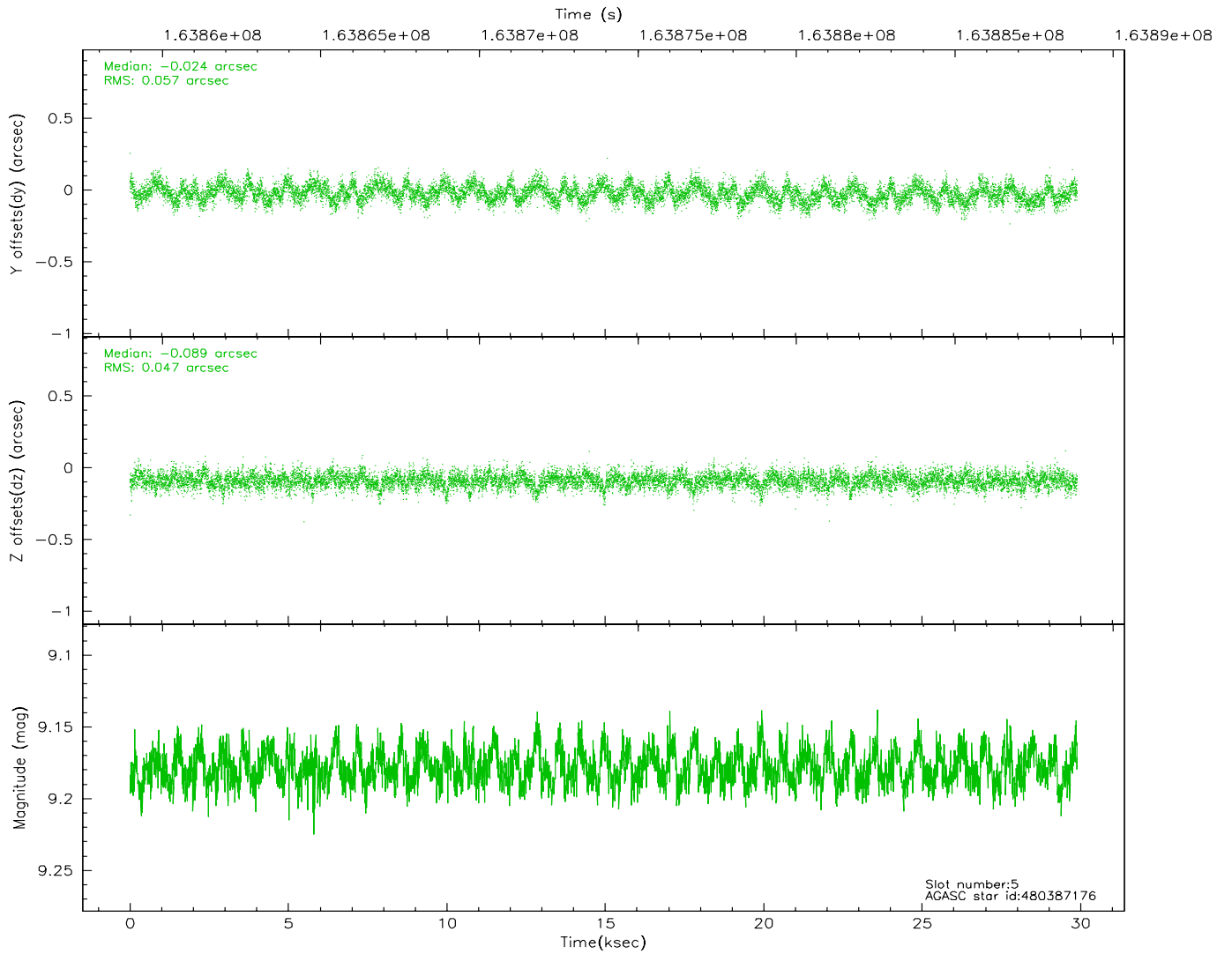
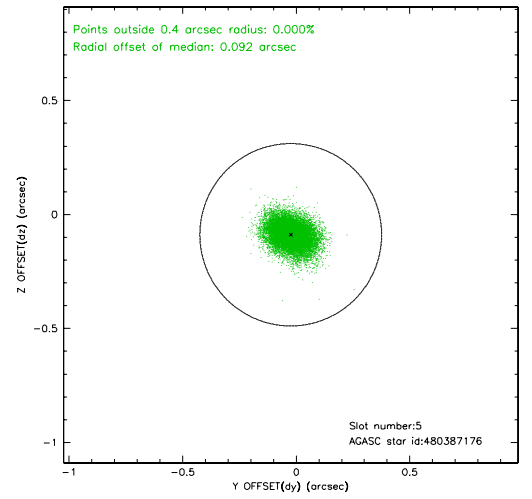
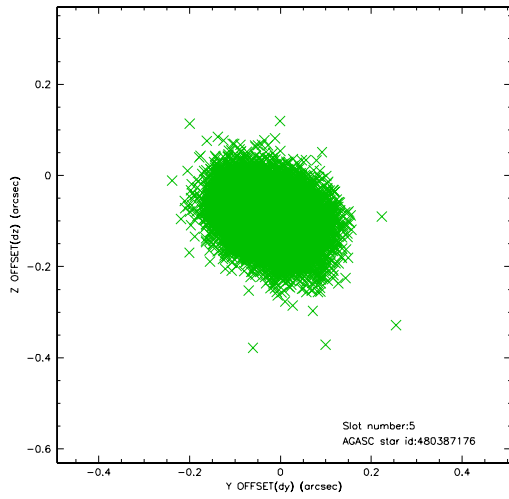
2.4.1 Slot 3



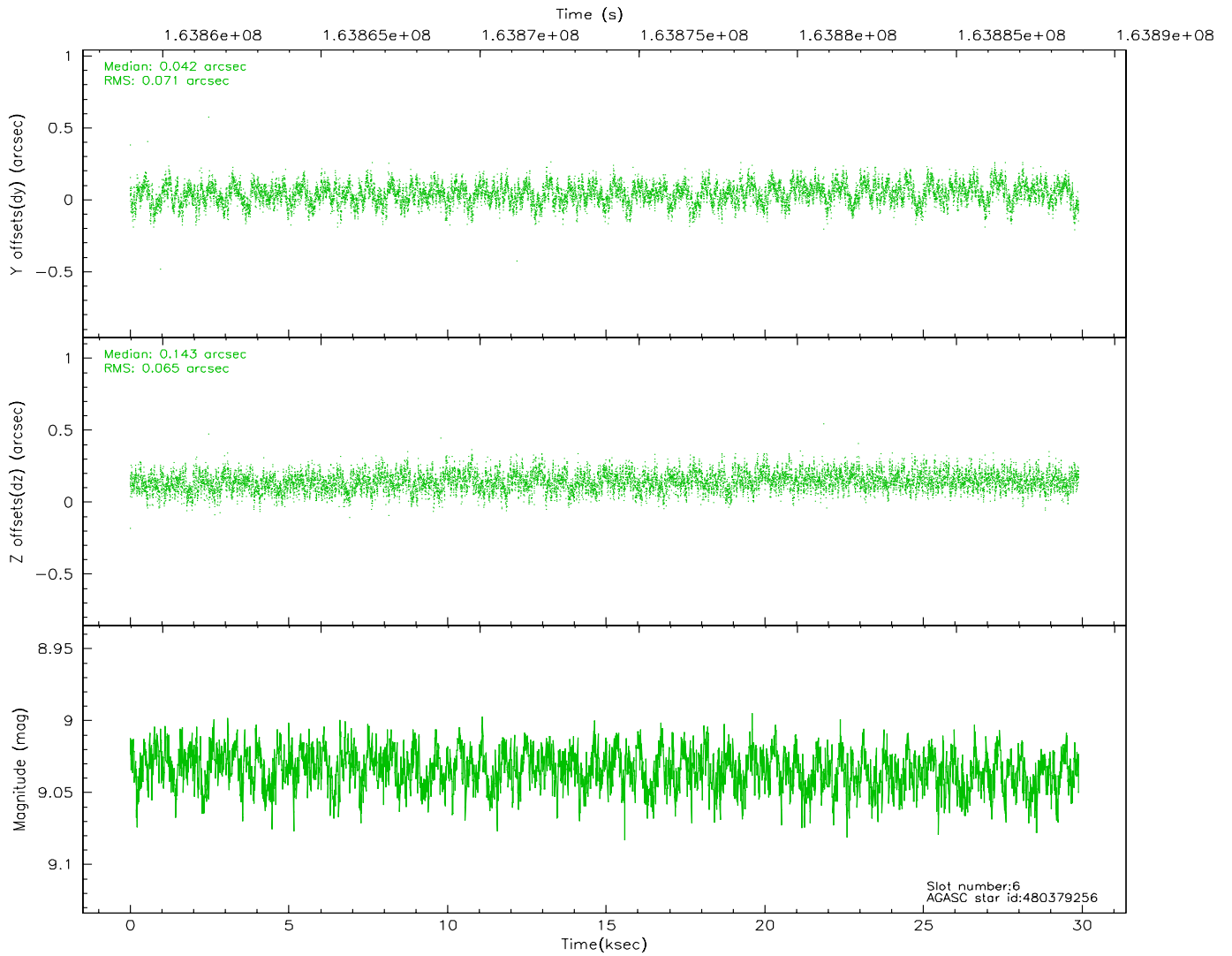
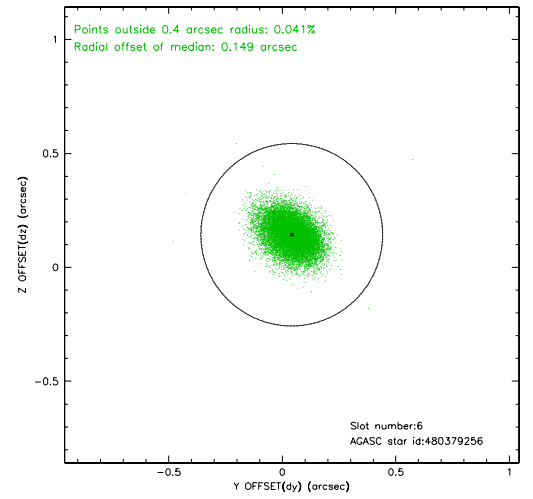
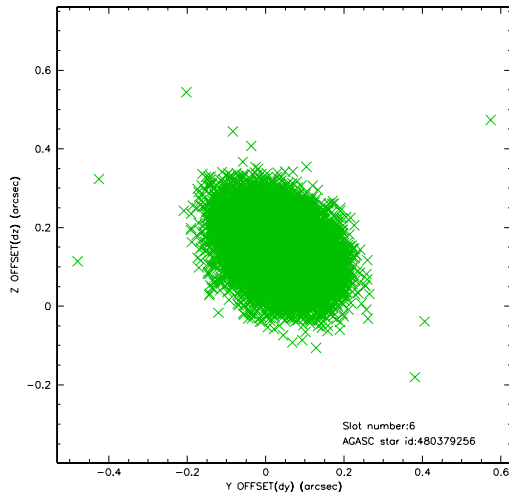
2.4.2 Slot 4



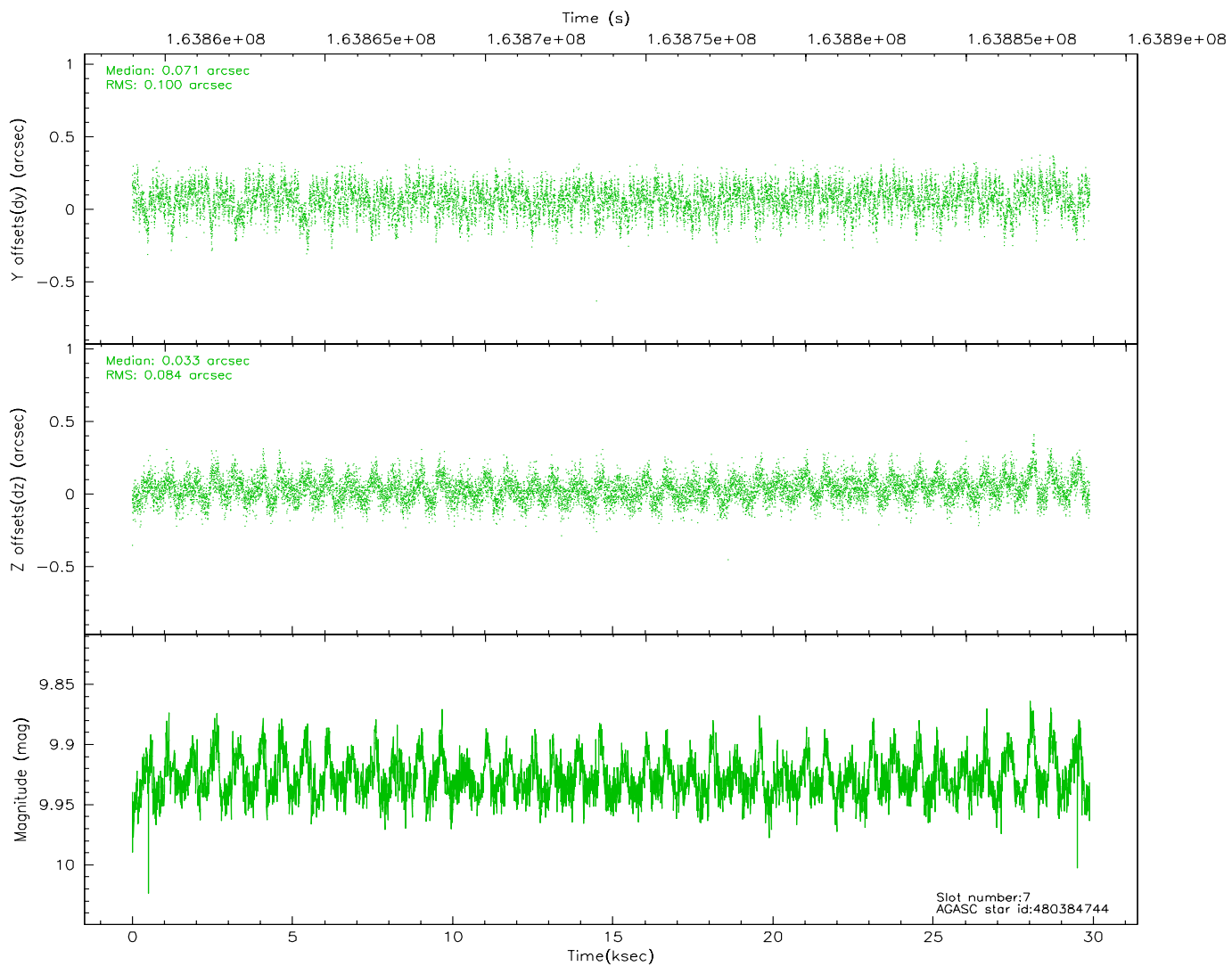
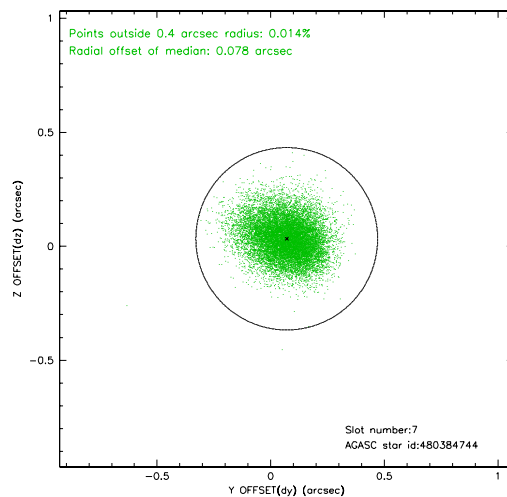
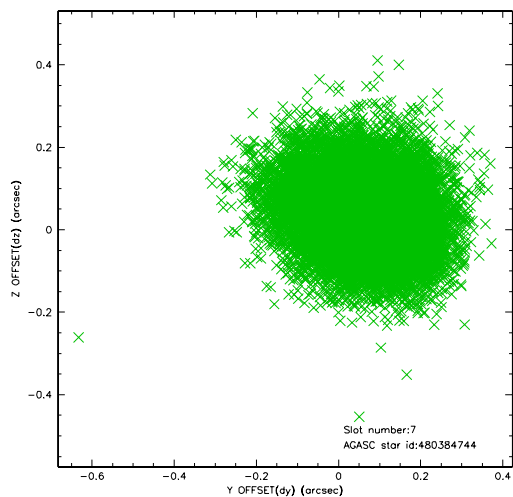
2.4.3 Slot 5



2.4.4 Slot 6

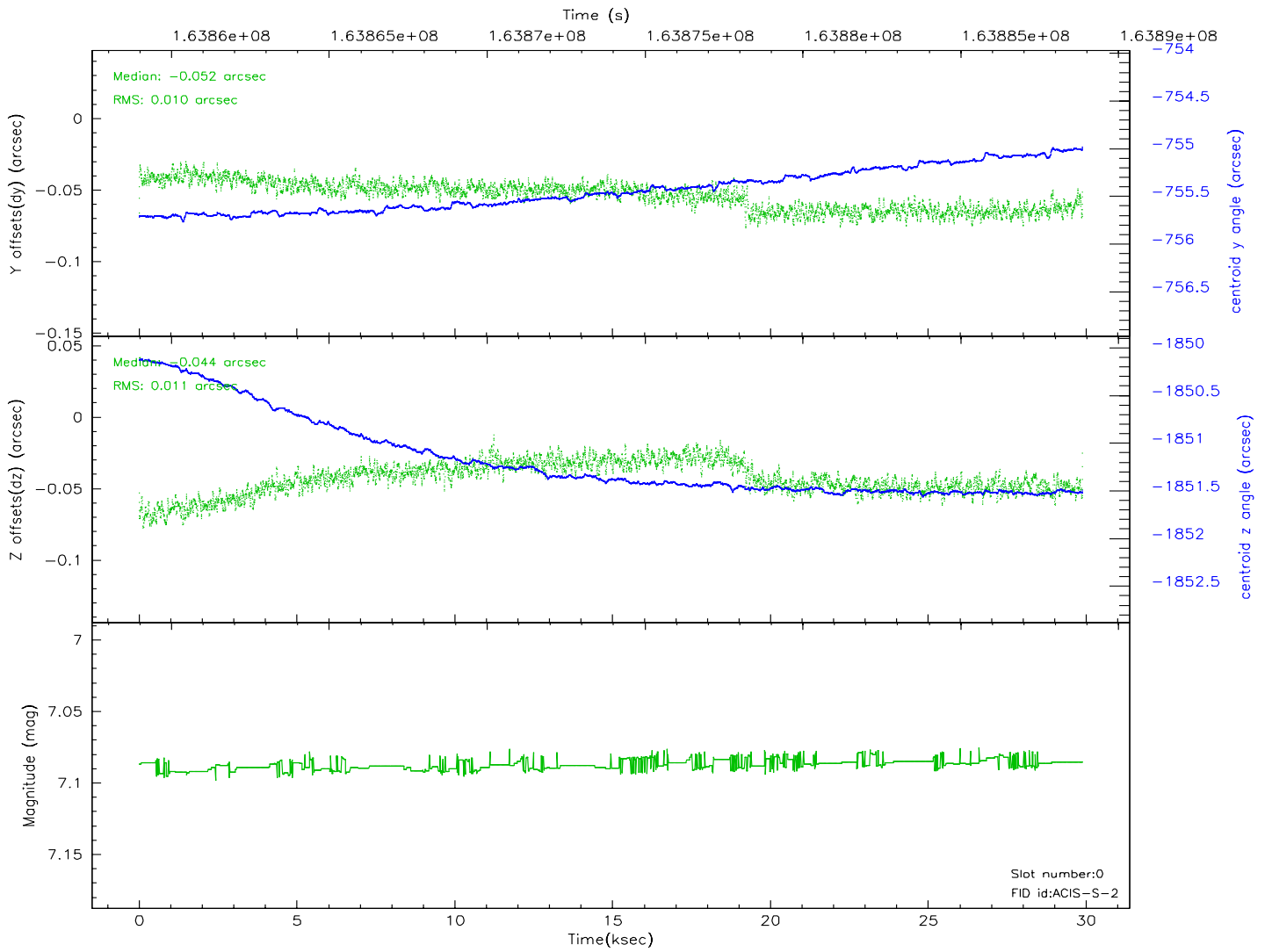
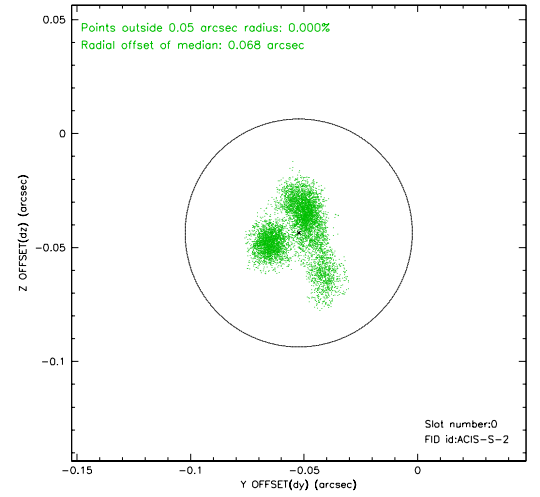
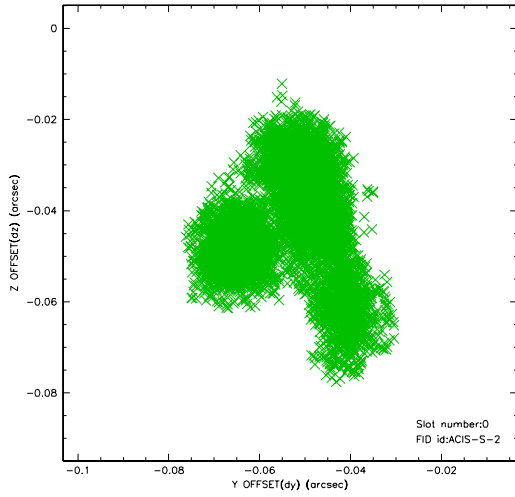


2.4.5 Slot 7

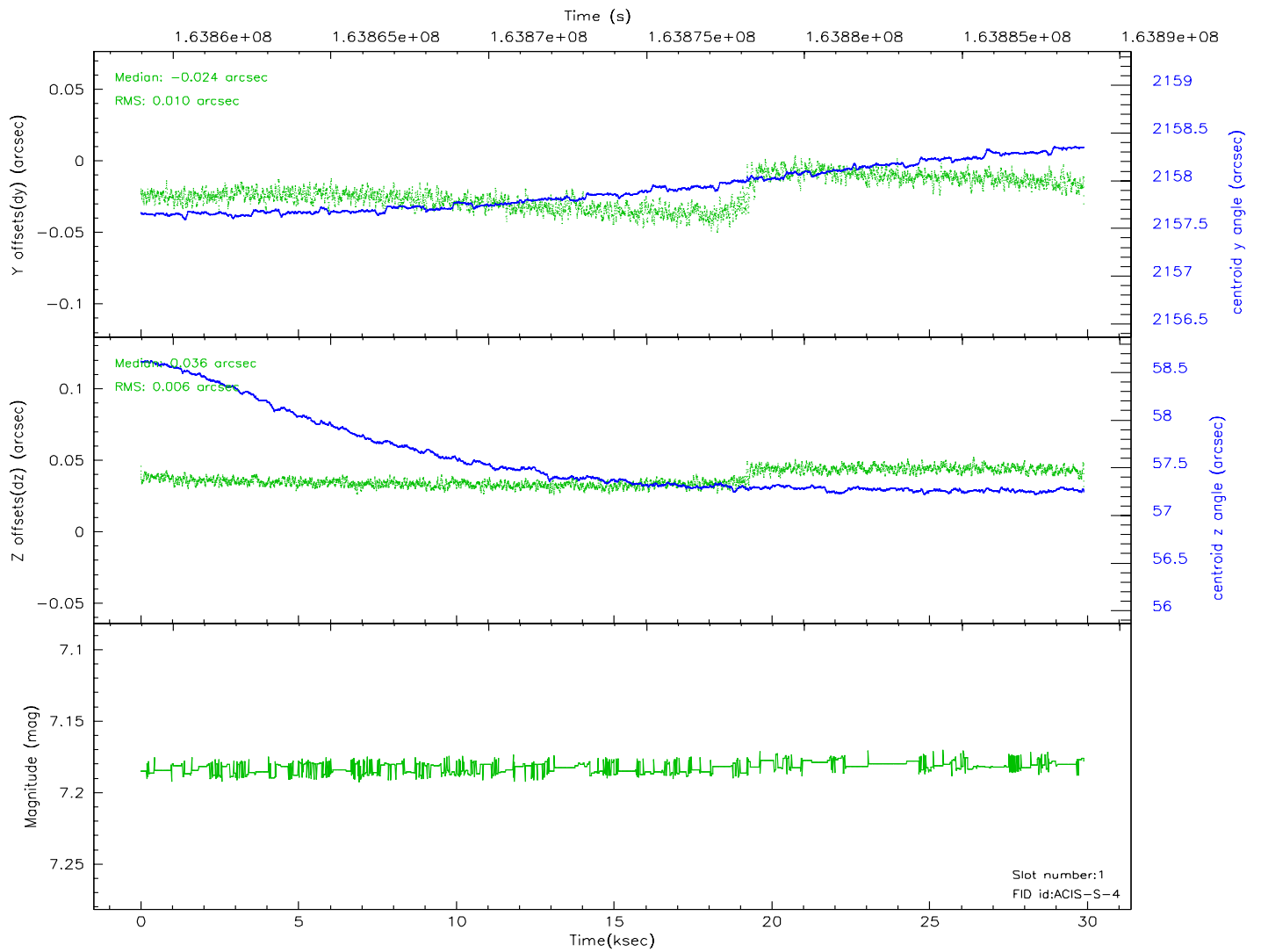
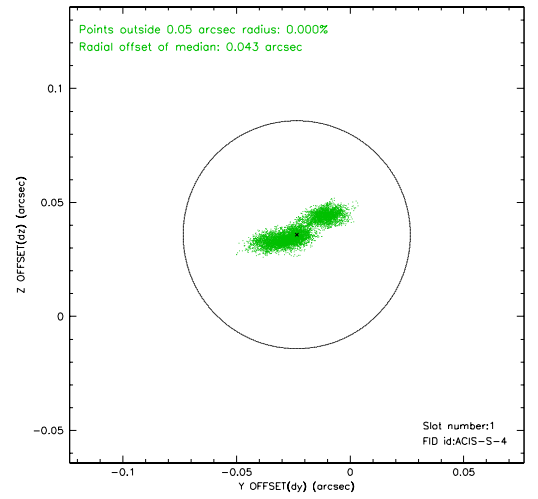
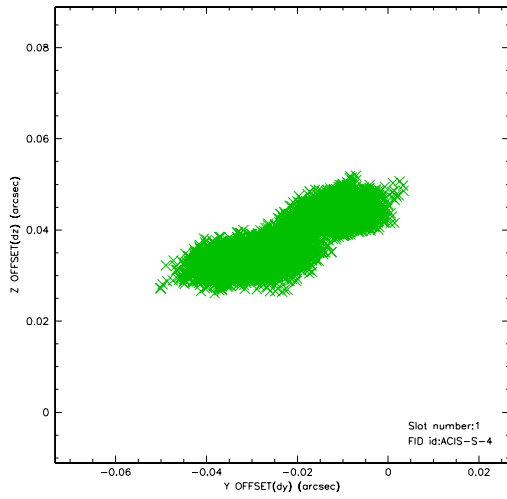


2.5 FID Slots

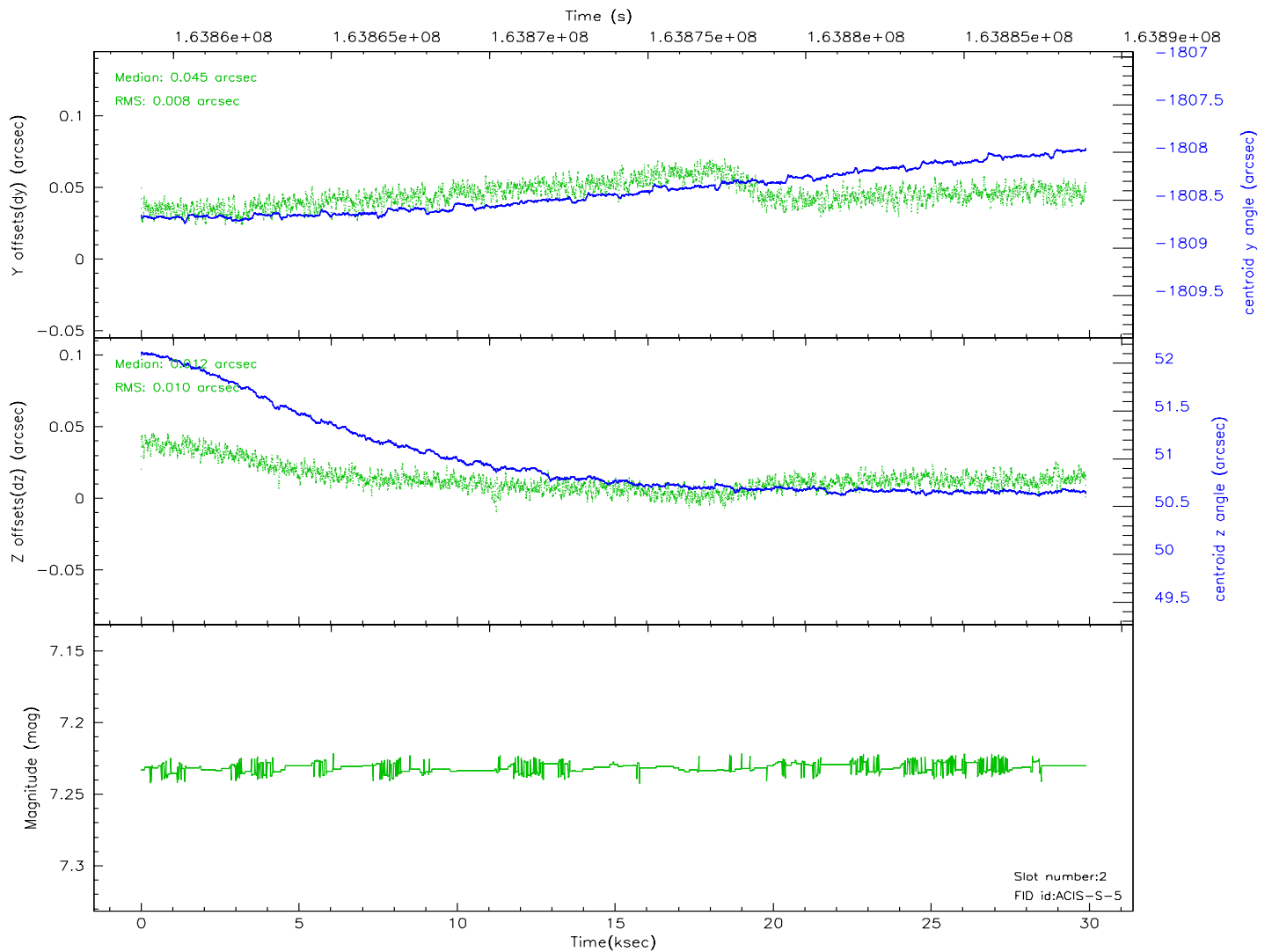
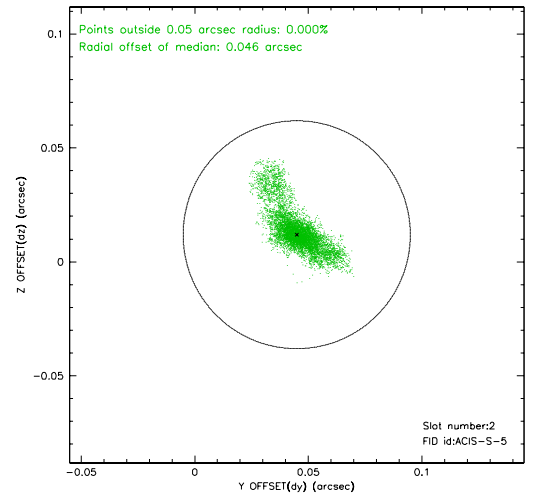
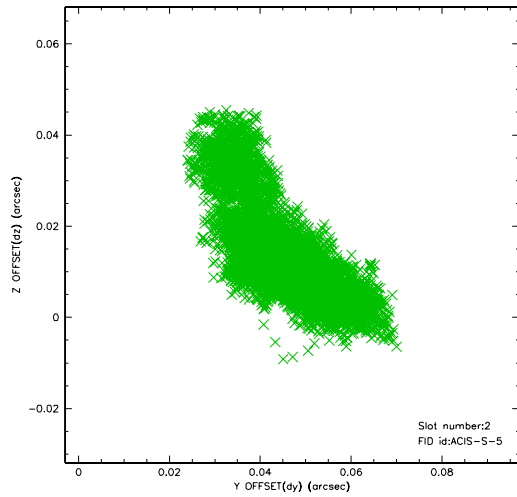
2.5.1 Slot 0



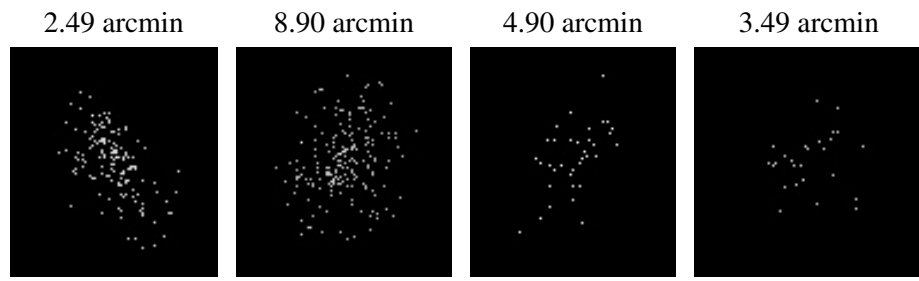
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.896

A.2 Comments

Roll preference met.