

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4009 - L2 Version 001
Chandra X-Ray Center

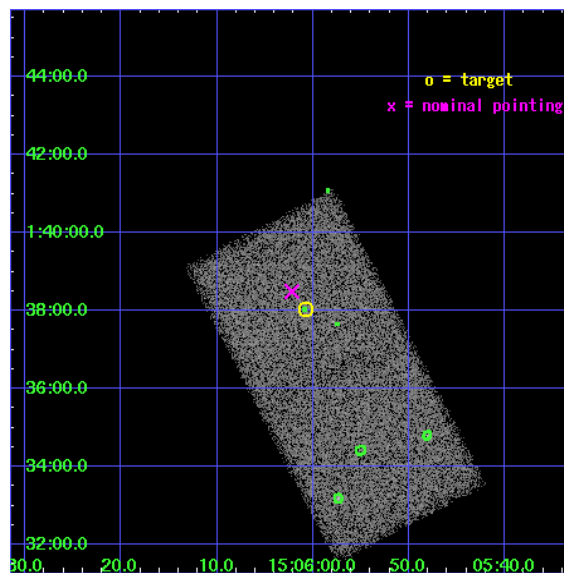
L2 Processing Date : Oct 18 2006

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1 Front

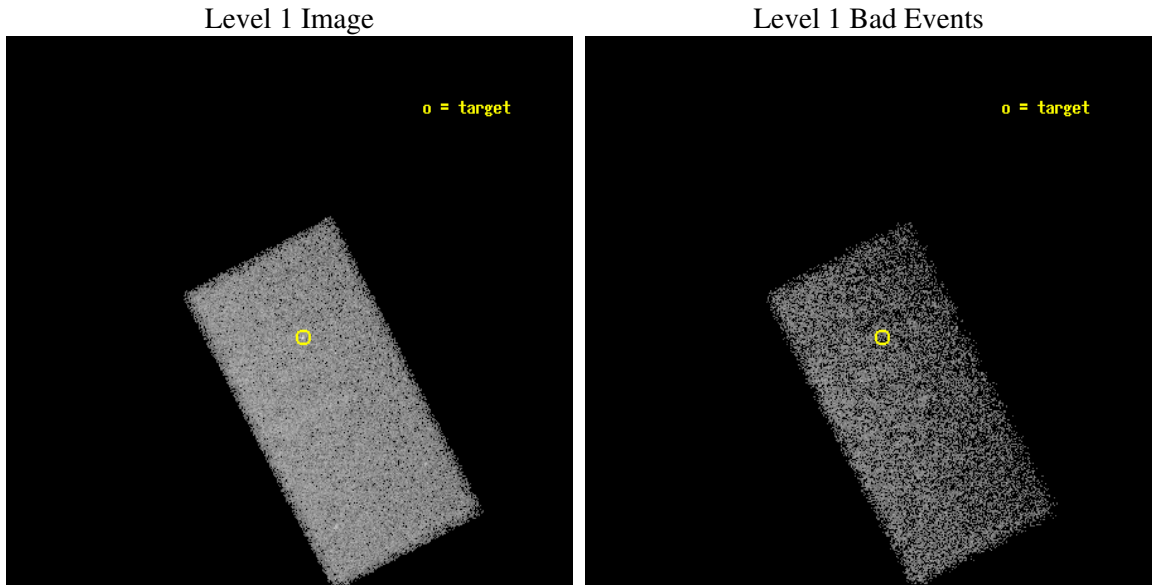
seq_num	700688
obs_id	4009
title	QUIESCENT SUPERMASSIVE BLACK HOLES
observer	Dr Giuseppina Fabbiano
object	NGC 5845
dtcycle	0
cycle	P
ra_targ	226.503333
dec_targ	1.633889
ra_nom	226.50920206412
dec_nom	1.6415494005508
roll_nom	62.586557527518
revision	3
ontime	30789.0
livetime	29969.046877433
ontime7	30789.0
l2events	52180



2 OBI

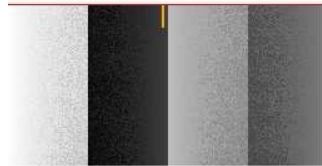
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-18T17:59:15
revision	3

sched_exp_time	30000.000000
ontime	30791.136717021
ontime7	30791.136717021
l1events	131462

2.1.4 Events

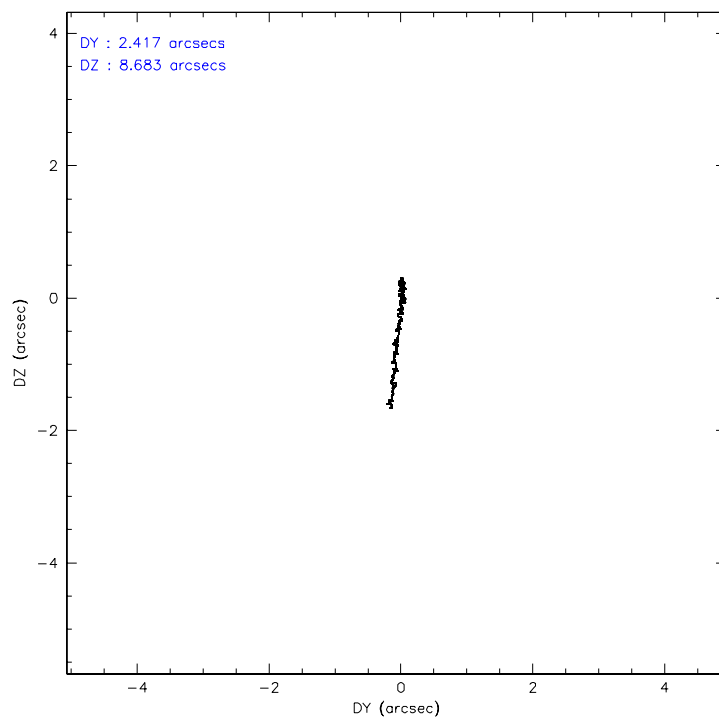
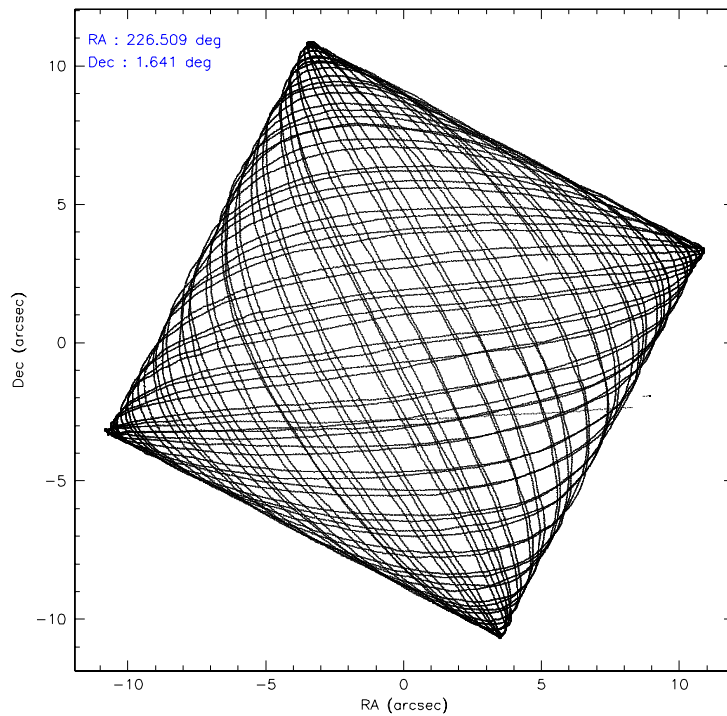
	ccd 7
level 1 events	131462
rejected events	77764
rejected %	59%

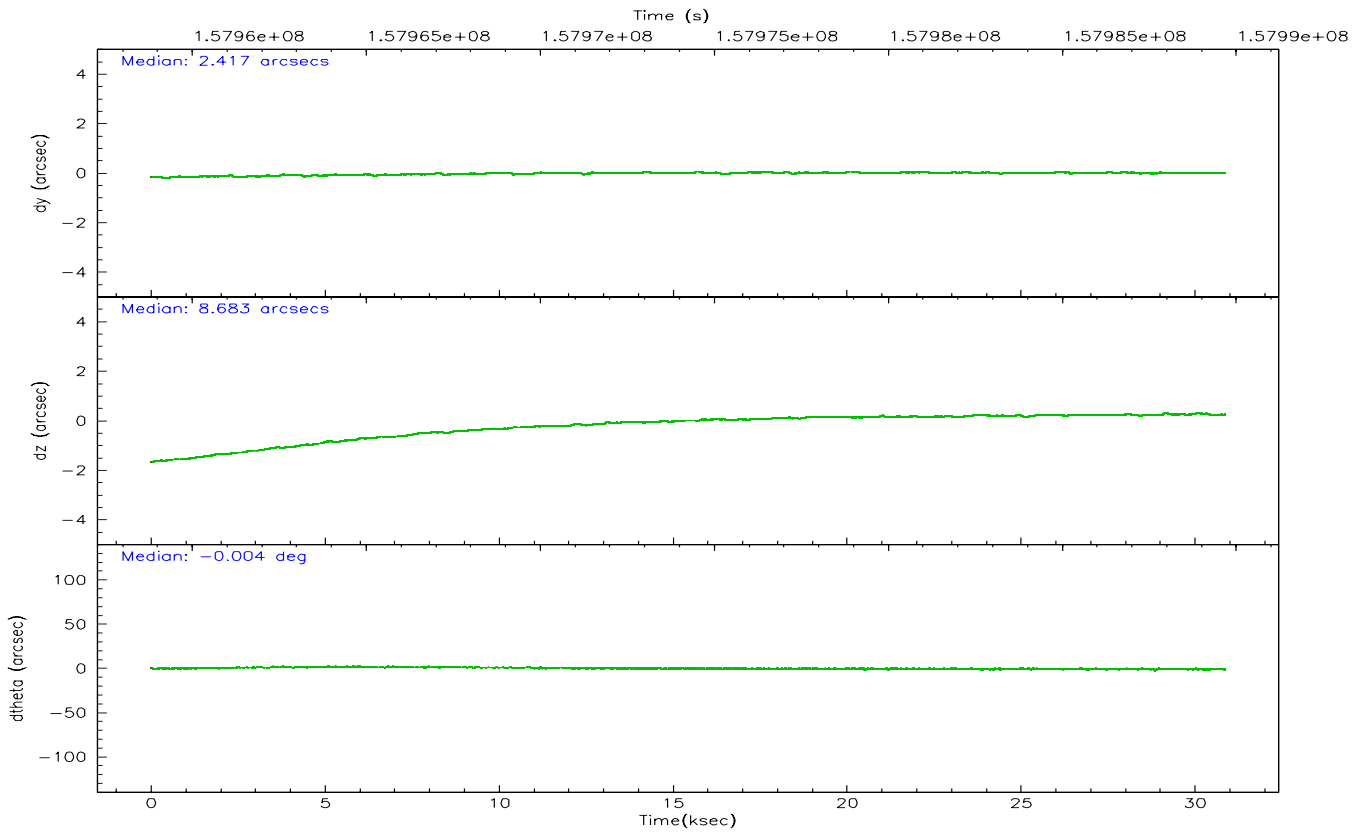
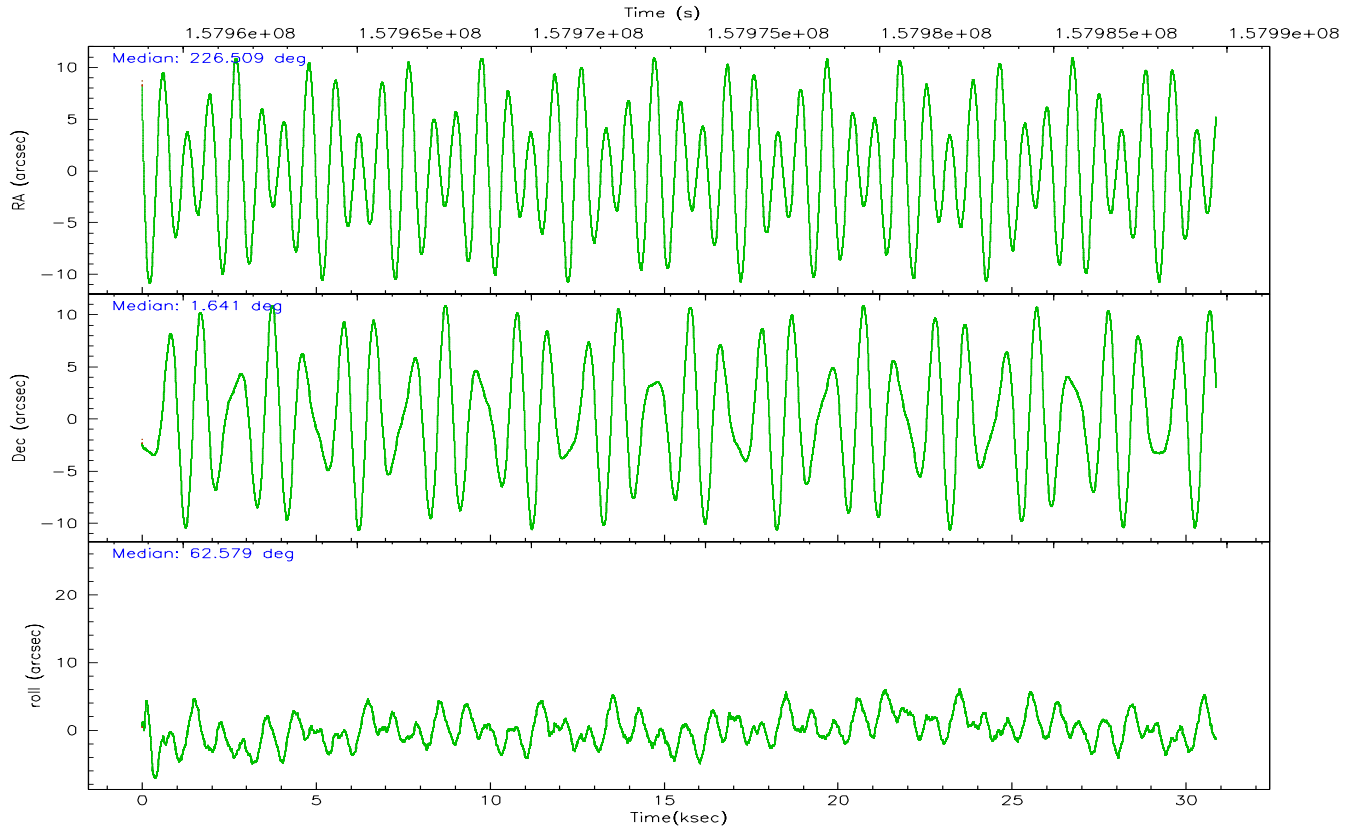
	ccd 7
grade 0 events	4258
	3%
grade 1 events	91
	0%
grade 2 events	13255
	10%
grade 3 events	3588
	2%
grade 4 events	3576
	2%
grade 5 events	9106
	6%
grade 6 events	29025
	22%
grade 7 events	68563
	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	226.510824	226.5092020641231	Subarray requested	1/2	1/2
Pointing Dec	1.614378	1.64154940055084	Subarray start row	0	257
Pointing Roll	62.429885	62.58655752751833	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.5
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	157959681.184000	157958380.08781			
Observation start date	2003-01-03T05:40:17	2003-01-03T05:19:40			
Observation end time	157989681.184000	157990488.72665			
Observation end date	2003-01-03T14:00:17	2003-01-03T14:14:48			
Read mode	TIMED	TIMED			

2.3 Aspect



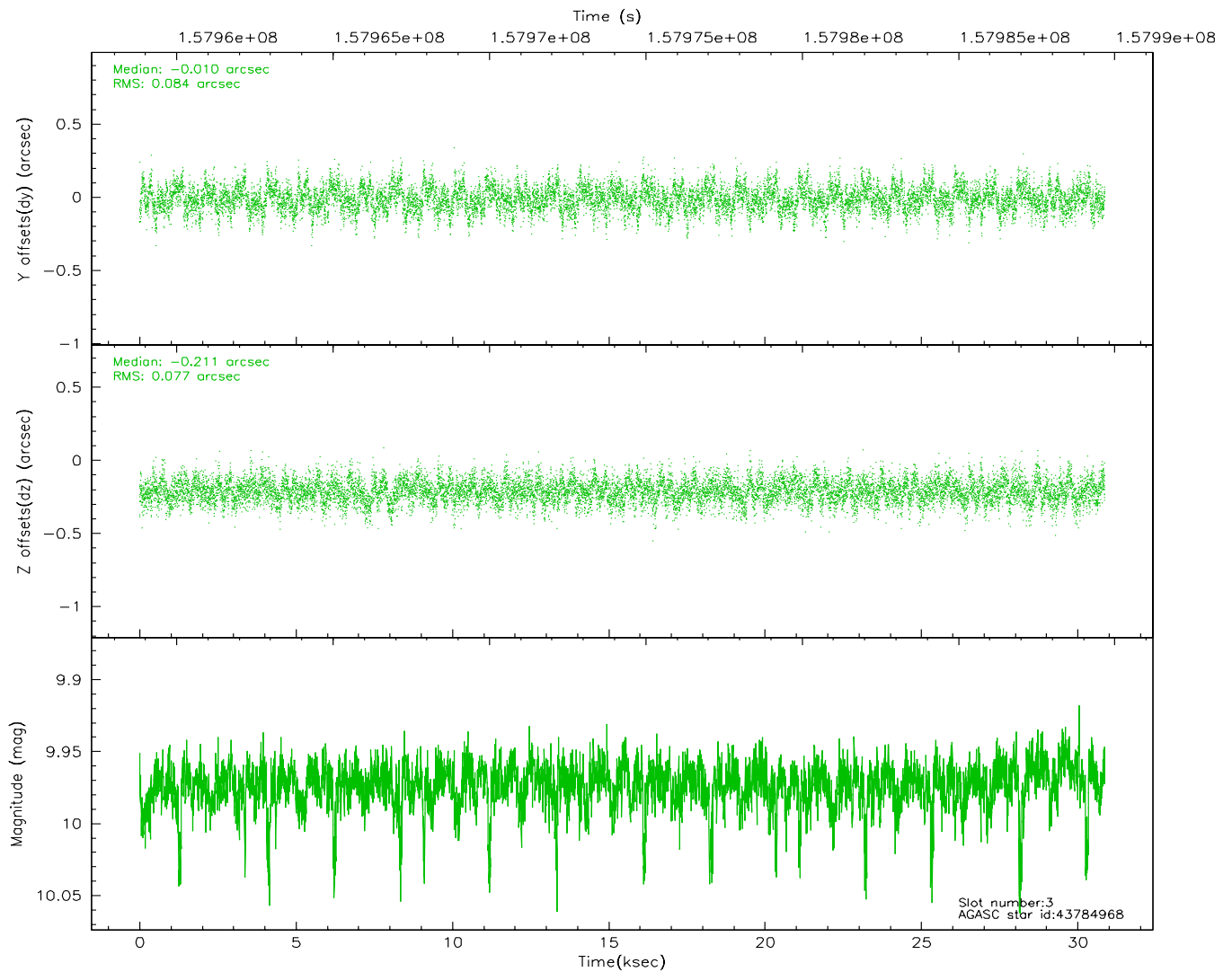
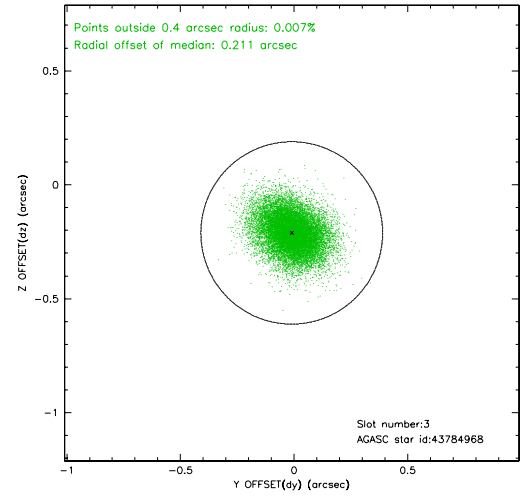
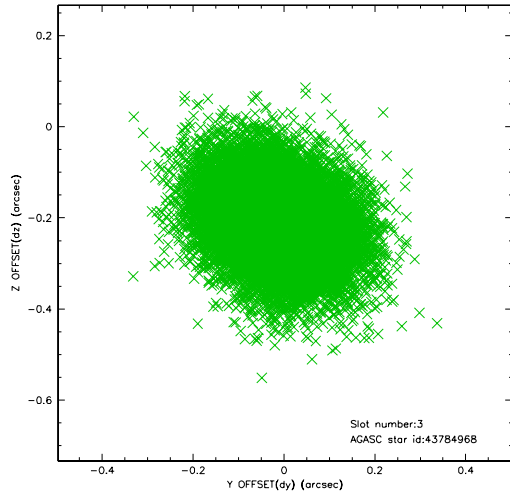


Slot Statistics

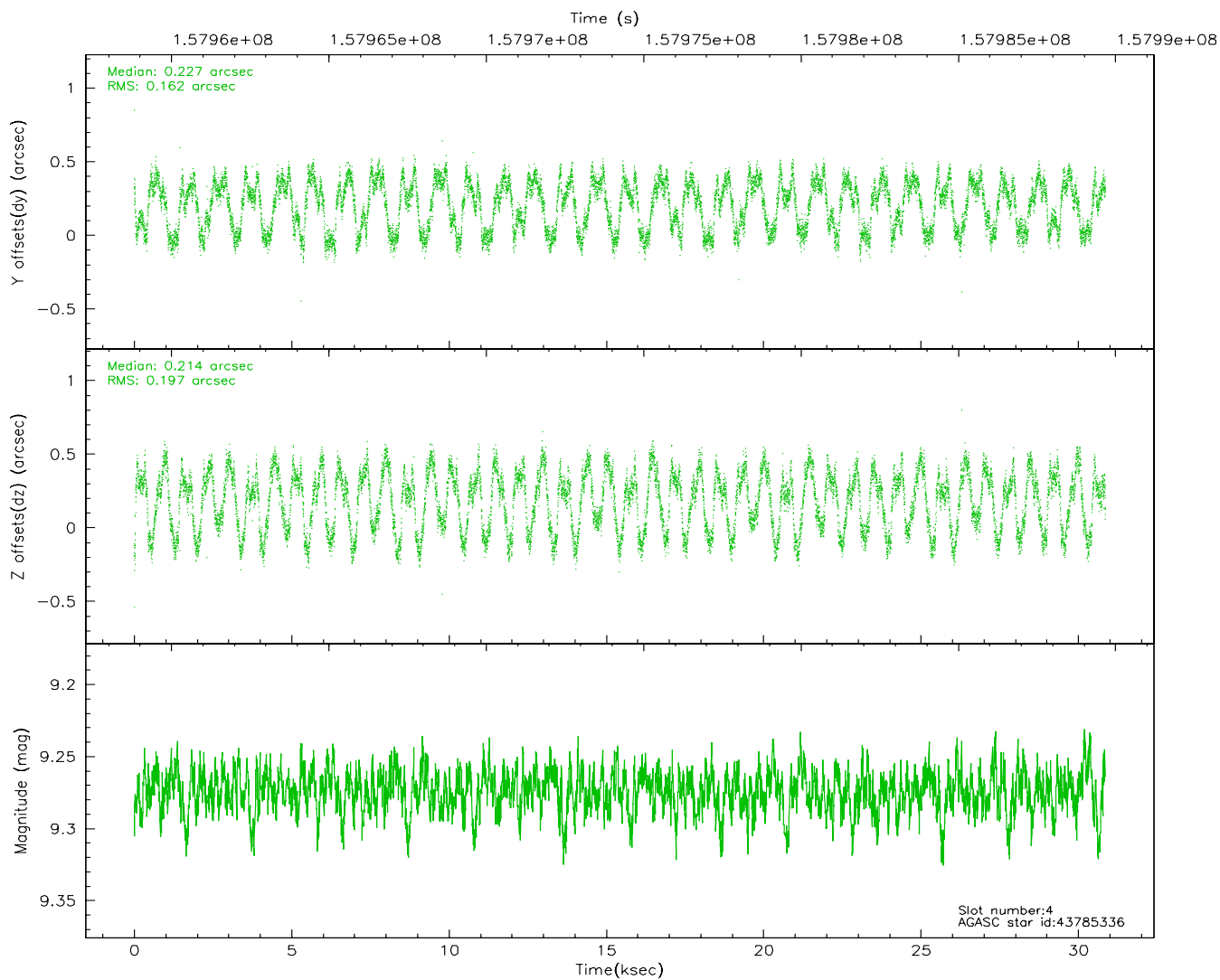
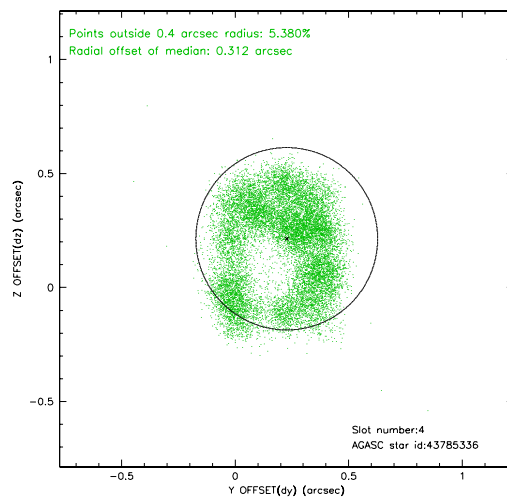
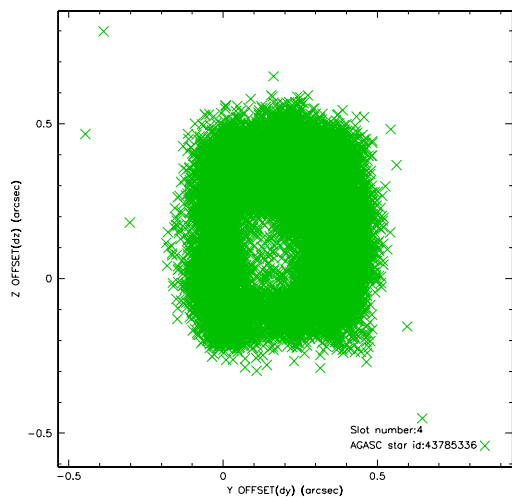
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7528	-0.012	0.017	0.009	0.014	0.000000	0.000000	-755.03	-1729.63
1	FID	ACIS-S-4	7.20	7526	-0.061	0.001	0.006	0.011	0.000000	0.000000	2158.16	178.76
2	FID	ACIS-S-5	7.24	7529	0.042	-0.009	0.008	0.013	0.000000	0.000000	-1807.74	172.50
3	GUIDE	43784968	9.97	15043	-0.010	-0.211	0.121	0.200	226.169476	1.766344	-83.31	1341.78
4	GUIDE	43785336	9.27	15055	0.227	0.214	0.283	0.403	226.723432	1.018553	-1546.40	-1671.14
5	GUIDE	43909432	8.45	15044	0.010	0.192	0.094	0.143	227.032488	1.308525	-106.30	-2173.82
6	GUIDE	44302592	7.85	15057	-0.132	-0.250	0.100	0.149	226.320439	2.016885	967.45	1277.70
7	GUIDE	43909176	9.42	15049	-0.066	0.080	0.125	0.189	227.095539	1.632644	1033.08	-1834.14

2.4 Star Slots

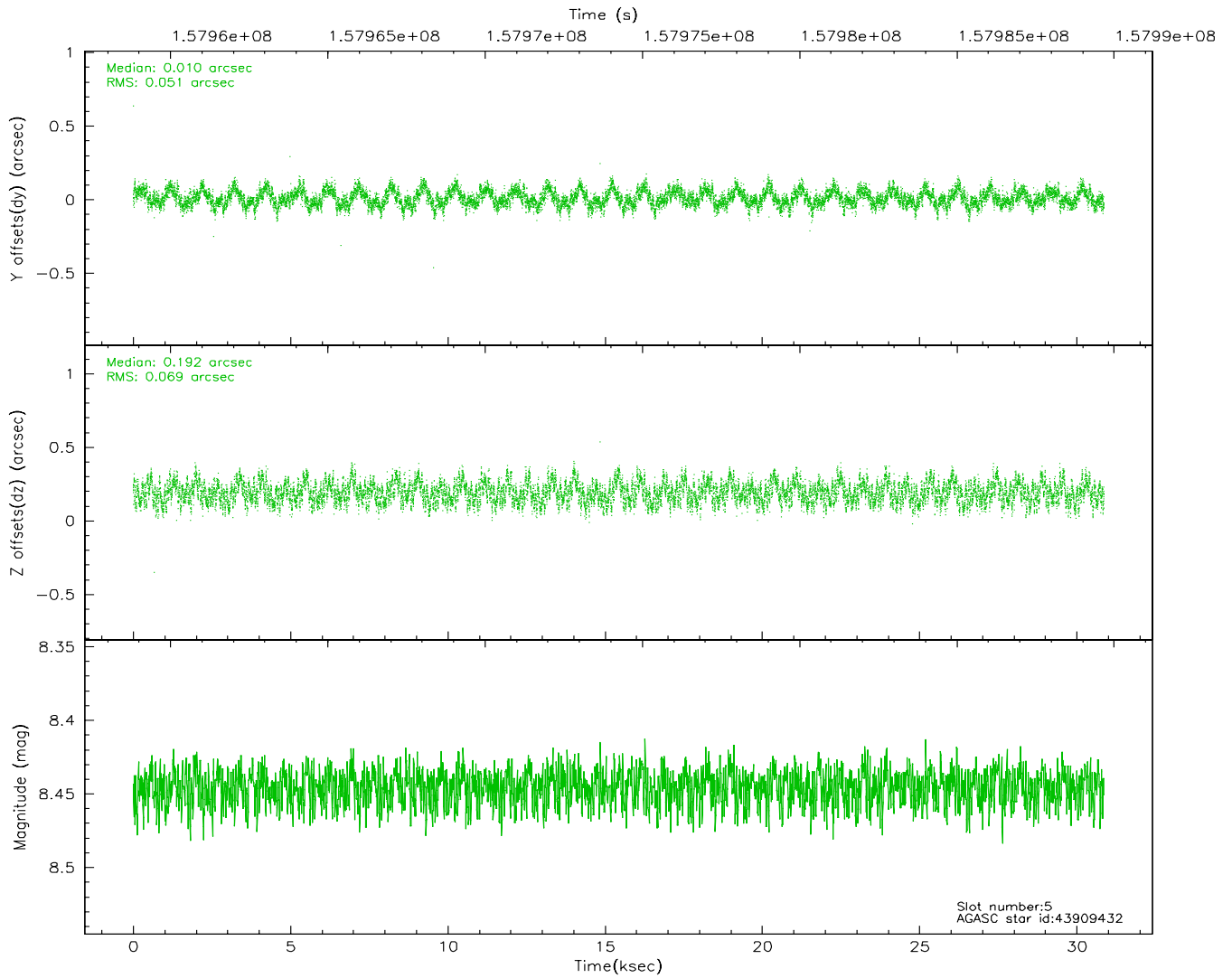
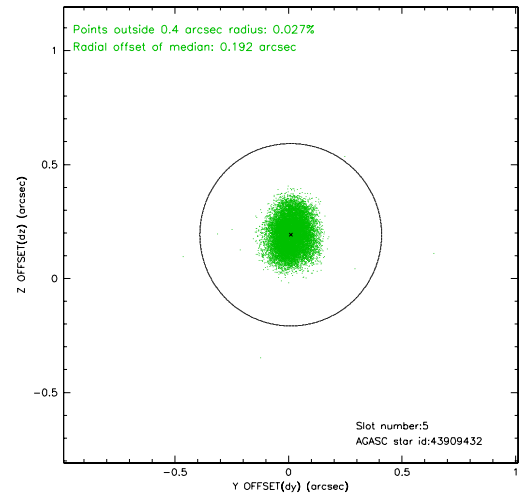
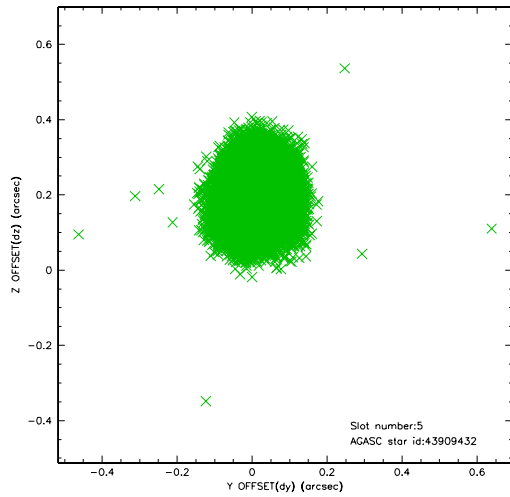
2.4.1 Slot 3



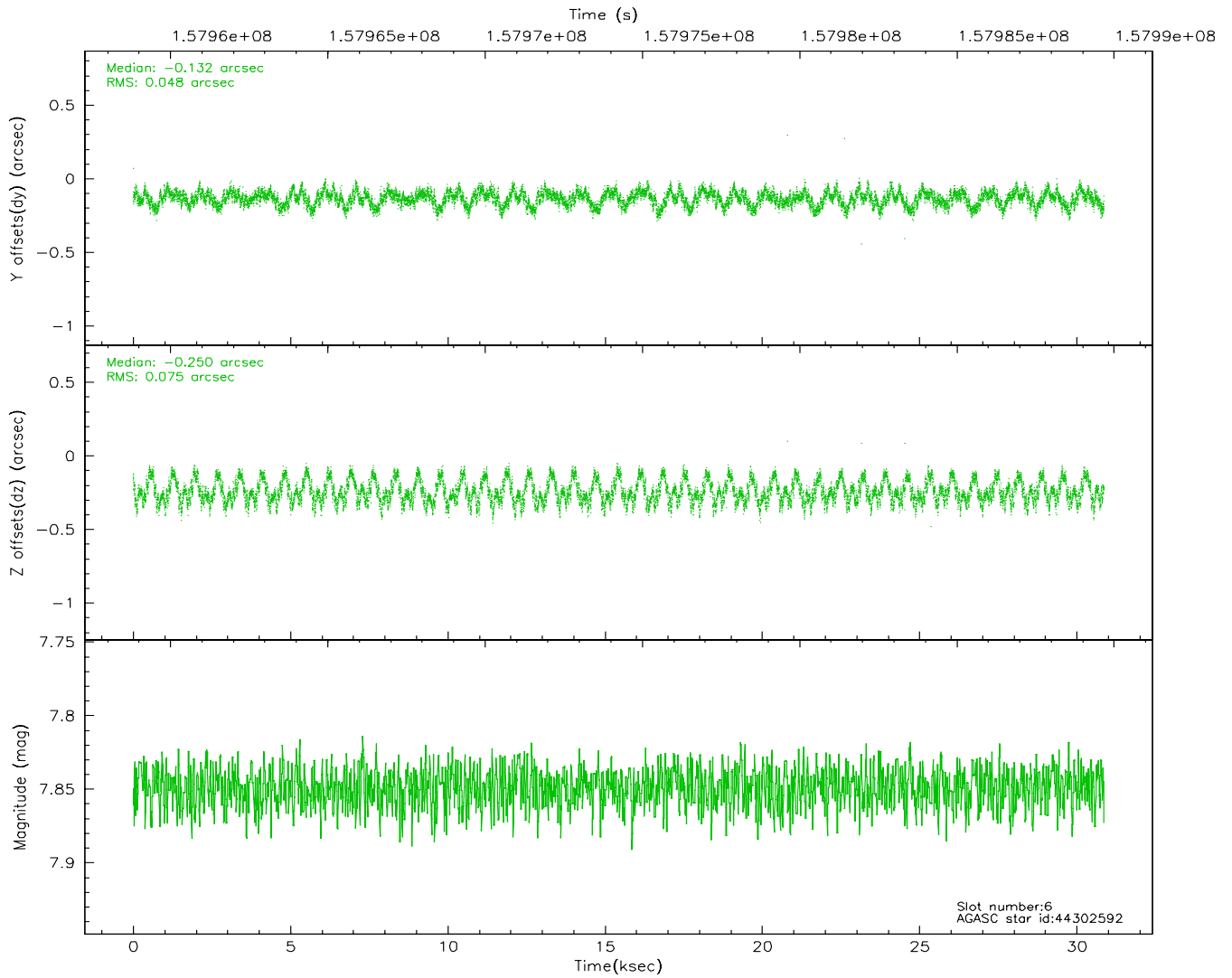
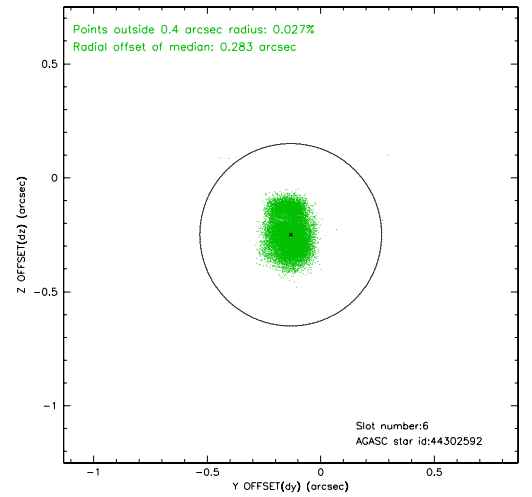
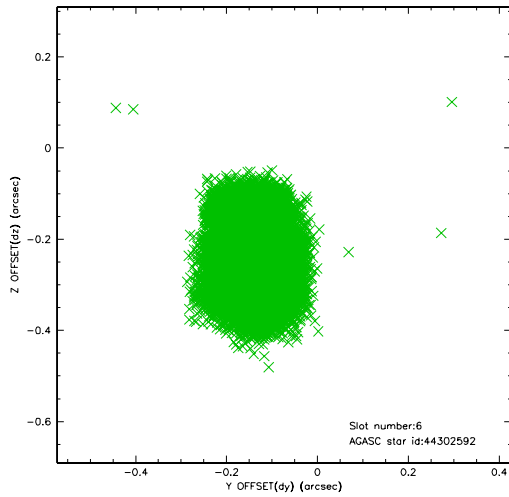
2.4.2 Slot 4



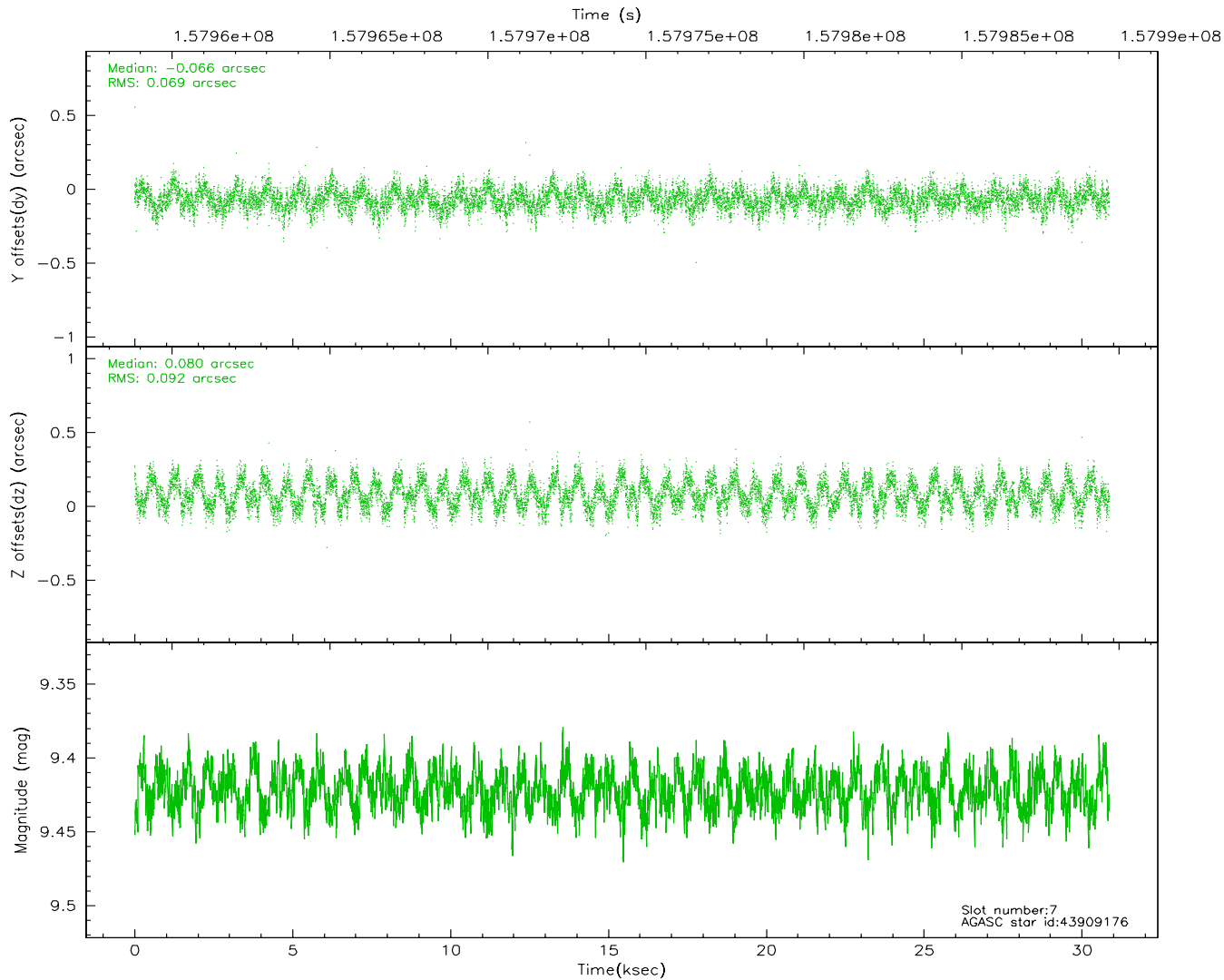
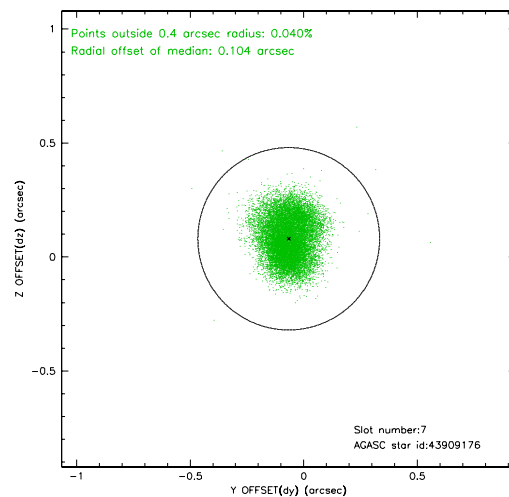
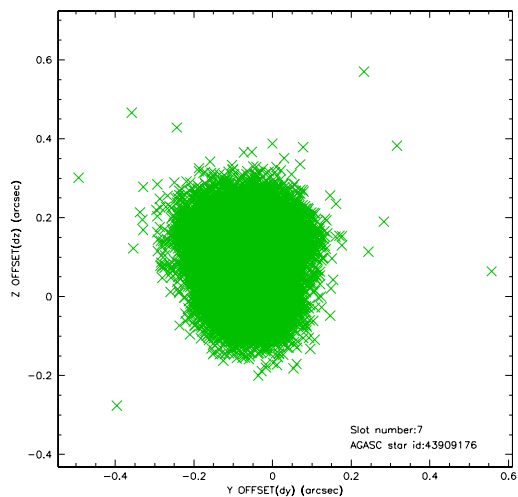
2.4.3 Slot 5



2.4.4 Slot 6

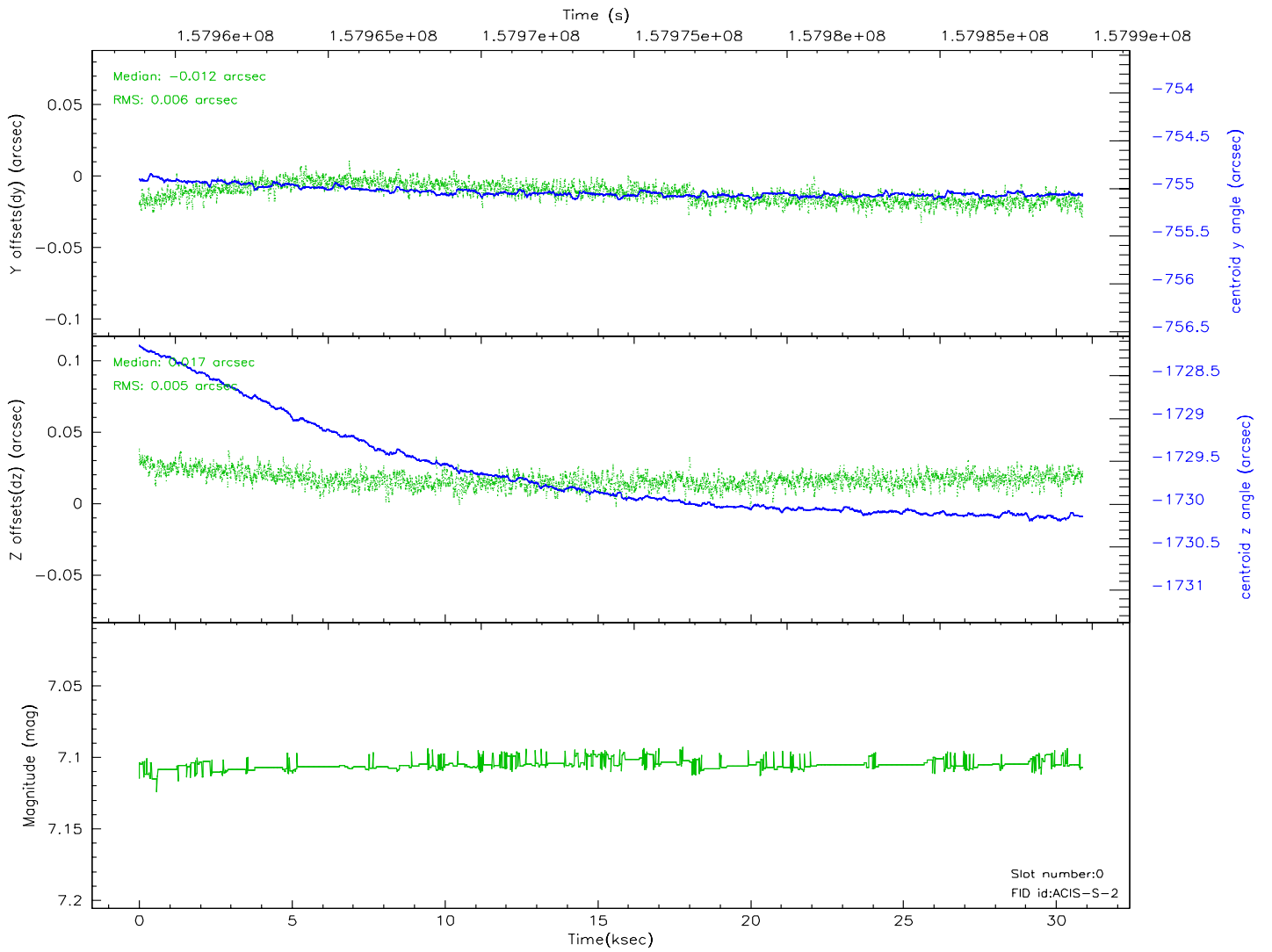
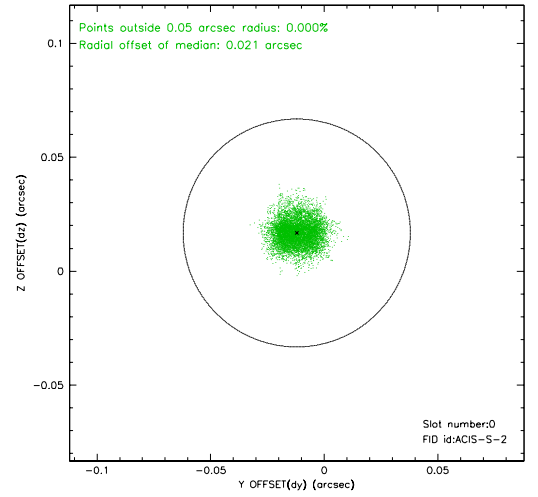
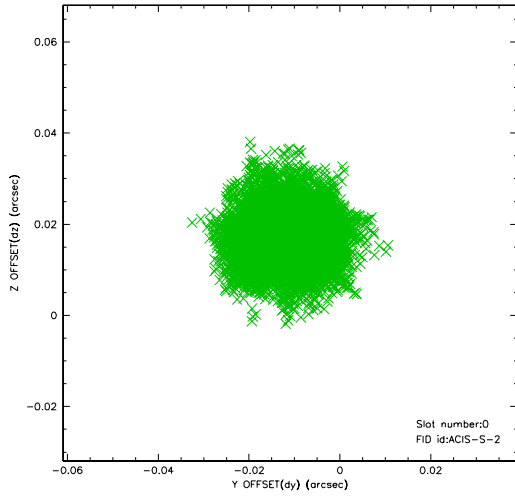


2.4.5 Slot 7

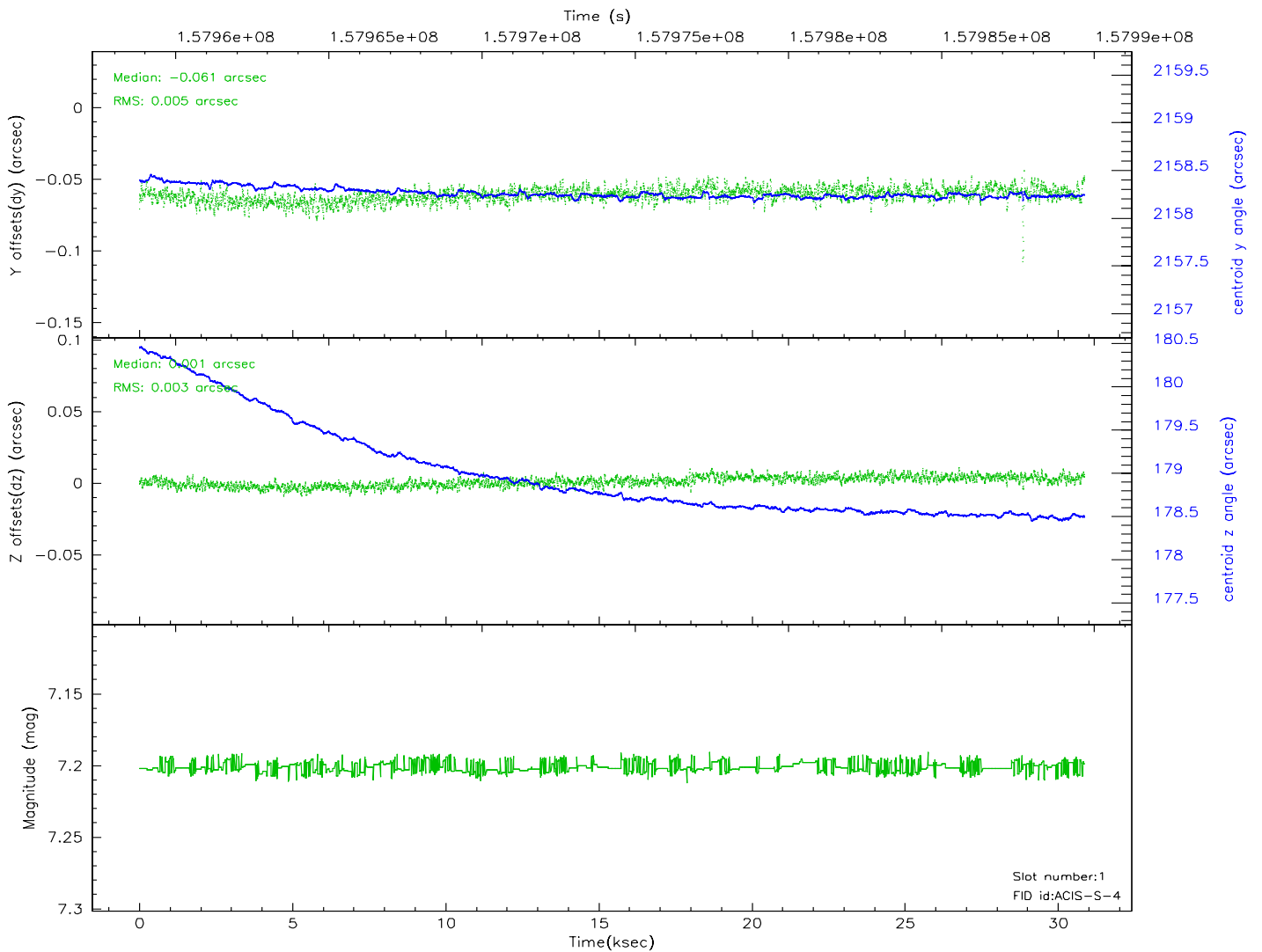
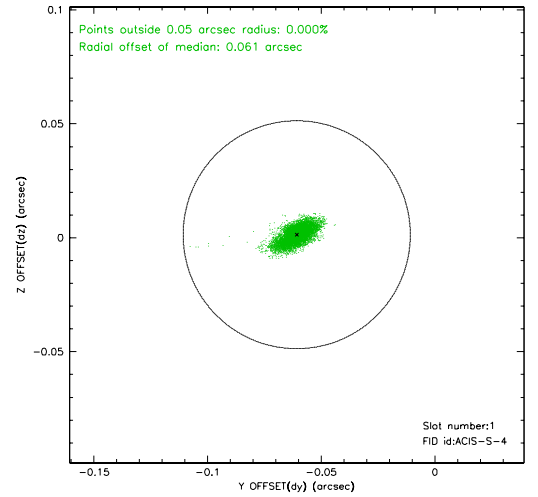
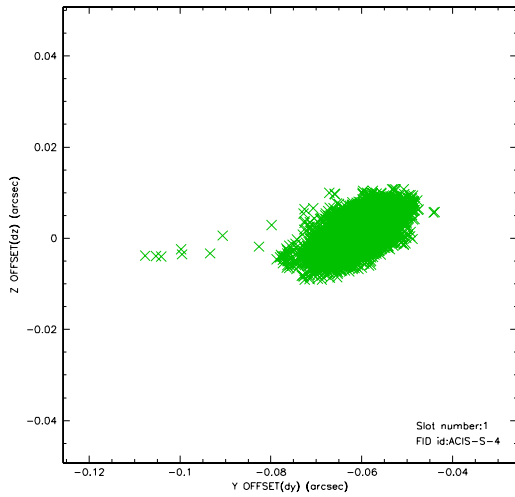


2.5 FID Slots

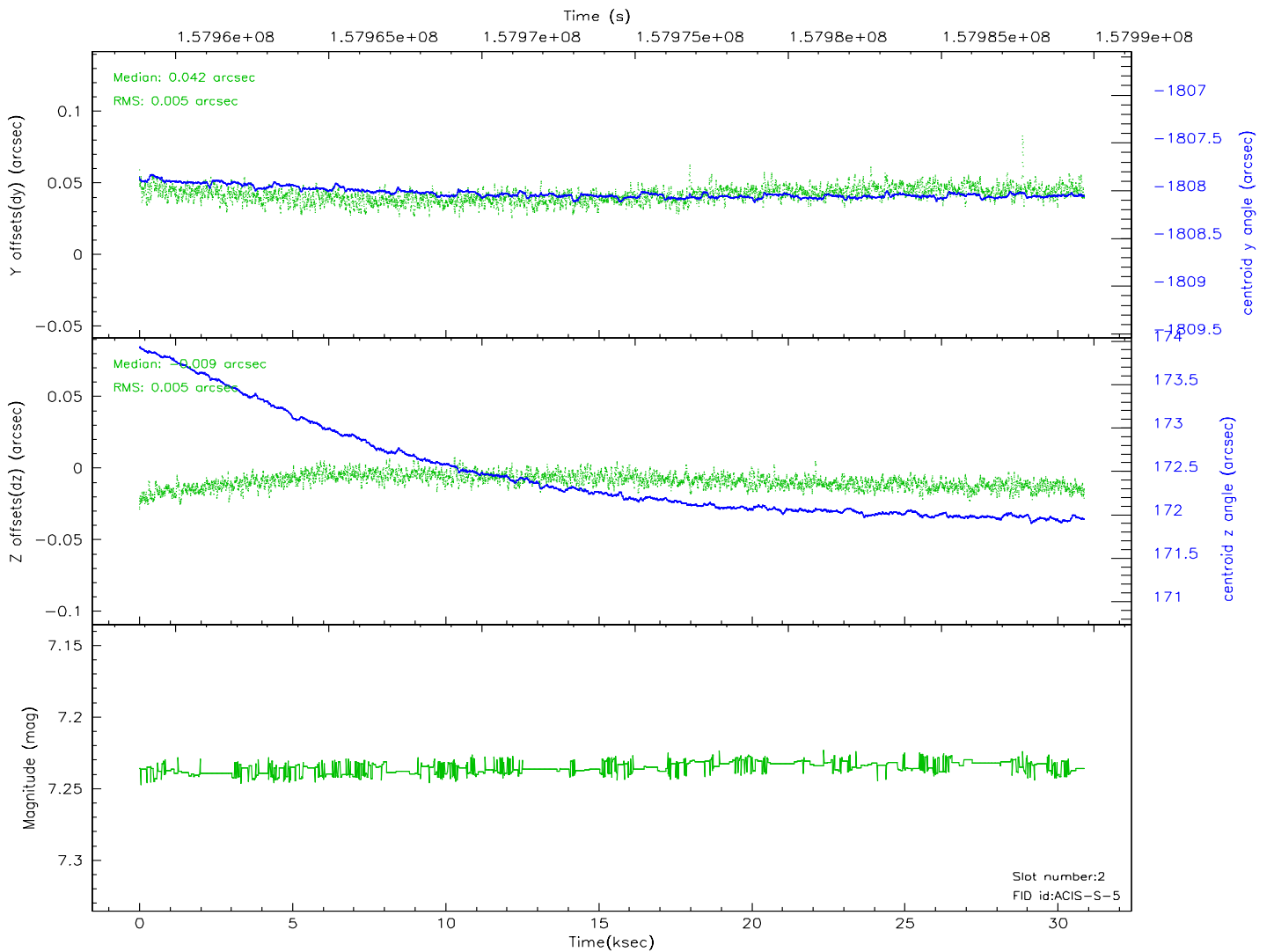
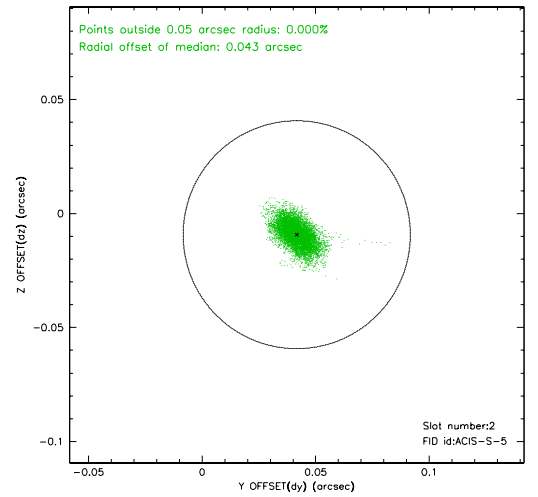
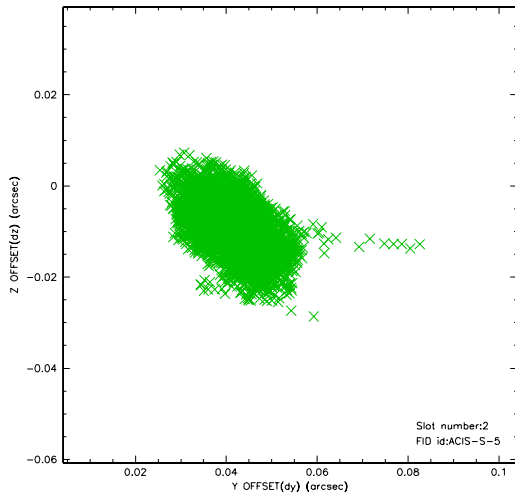
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

2.74 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.789

A.2 Comments